

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX102720\
 Data File : VX019132.D
 Acq On : 27 Oct 2020 12:18
 Operator : JC/SP
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

MMDadoda
 10/28/2020 12:33:16 PM

Quant Time: Oct 27 13:30:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 27 13:11:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	293262	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	477487	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	429271	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	213309	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	67741	19.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	38.58%	
35) Dibromofluoromethane	5.46	113	53483	18.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	36.46%	
50) Toluene-d8	8.70	98	204390	18.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	36.14%	
62) 4-Bromofluorobenzene	11.12	95	76457	18.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	37.90%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.18	85	46350	19.901	ug/l	97
3) Chloromethane	1.31	50	50494	20.134	ug/l	99
4) Vinyl Chloride	1.39	62	59395	18.954	ug/l	99
5) Bromomethane	1.64	94	46300	23.389	ug/l	98
6) Chloroethane	1.72	64	38823	18.377	ug/l	99
7) Trichlorofluoromethane	1.92	101	95398	17.914	ug/l	100
8) Diethyl Ether	2.17	74	36357	17.324	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	52424	19.356	ug/l	99
10) Methyl Iodide	2.49	142	42078	14.062	ug/l	99
11) Tert butyl alcohol	3.02	59	69872	97.158	ug/l	100
12) 1,1-Dichloroethene	2.36	96	52666	19.216	ug/l	97
13) Acrolein	2.28	56	27288	78.217	ug/l	99
14) Allyl chloride	2.71	41	78901	21.653	ug/l	99
15) Acrylonitrile	3.12	53	148237	102.589	ug/l	99
16) Acetone	2.42	43	123633	106.550	ug/l	98
17) Carbon Disulfide	2.55	76	146076	19.236	ug/l	100
18) Methyl Acetate	2.75	43	59766	20.958	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	188077	19.863	ug/l	100
20) Methylene Chloride	2.84	84	59633	18.101	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	59414	18.439	ug/l	99
22) Diisopropyl ether	3.82	45	164760	21.408	ug/l	98
23) Vinyl Acetate	3.78	43	737003	108.786	ug/l	100
24) 1,1-Dichloroethane	3.67	63	101242	20.132	ug/l	100
25) 2-Butanone	4.64	43	198806	107.425	ug/l	98
26) 2,2-Dichloropropane	4.55	77	94628	20.001	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	67687	18.673	ug/l	99
28) Bromochloromethane	4.98	49	43070	19.799	ug/l	99
29) Tetrahydrofuran	5.09	42	127403	108.140	ug/l	99
30) Chloroform	5.17	83	108863	19.534	ug/l	99
31) Cyclohexane	5.55	56	89185	20.031	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	98908	19.894	ug/l	99
36) 1,1-Dichloropropene	5.77	75	83332	19.902	ug/l	99
37) Ethyl Acetate	4.79	43	79542	21.533	ug/l	100
38) Carbon Tetrachloride	5.75	117	84148	19.526	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	99248	19.333	ug/l	97
40) Benzene	6.11	78	239356	19.502	ug/l	100
41) Methacrylonitrile	5.00	41	41816	21.933	ug/l	98
42) 1,2-Dichloroethane	6.16	62	88125	21.007	ug/l	100
43) Isopropyl Acetate	6.41	43	131566	21.770	ug/l	99
44) Trichloroethene	7.19	130	67384	19.173	ug/l	97
45) 1,2-Dichloropropane	7.49	63	59033	20.451	ug/l	100
46) Dibromomethane	7.63	93	42809	19.685	ug/l	98
47) Bromodichloromethane	7.87	83	85075	20.004	ug/l	100
48) Methyl methacrylate	7.74	41	64746	22.719	ug/l	97
49) 1,4-Dioxane	7.73	88	28719	390.592	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	394518	111.746	ug/l	99
52) Toluene	8.76	92	155652	19.606	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	95219	20.256	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	101139	20.203	ug/l	100
55) 1,1,2-Trichloroethane	9.20	97	61782	19.545	ug/l	97
56) Ethyl methacrylate	9.16	69	93863	20.569	ug/l	99
57) 1,3-Dichloropropane	9.35	76	103160	19.931	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	249166	100.798	ug/l	99
59) 2-Hexanone	9.47	43	300497	111.889	ug/l	100
60) Dibromochloromethane	9.57	129	66371	19.698	ug/l	100
61) 1,2-Dibromoethane	9.65	107	65026	19.387	ug/l	100
64) Tetrachloroethene	9.32	164	62256	19.028	ug/l	98
65) Chlorobenzene	10.12	112	166763	19.454	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	61115	19.934	ug/l	99
67) Ethyl Benzene	10.23	91	298866	19.922	ug/l	99
68) m/p-Xylenes	10.34	106	225291	39.076	ug/l	99
69) o-Xylene	10.68	106	105372	19.071	ug/l	100
70) Styrene	10.70	104	180220	19.577	ug/l	100
71) Bromoform	10.84	173	46672	19.329	ug/l #	99
73) Isopropylbenzene	11.00	105	292793	20.421	ug/l	100
74) N-amyl acetate	10.88	43	104486	22.475	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	90836	20.284	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	87102m	21.850	ug/l	
77) Bromobenzene	11.24	156	71023	19.780	ug/l	97
78) n-propylbenzene	11.34	91	330269	20.526	ug/l	100
79) 2-Chlorotoluene	11.40	91	195218	20.635	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	246084	20.798	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	30382	20.143	ug/l	98
82) 4-Chlorotoluene	11.49	91	232928	20.794	ug/l	99
83) tert-Butylbenzene	11.76	119	238680	20.649	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	247105	20.652	ug/l	99
85) sec-Butylbenzene	11.93	105	281423	20.282	ug/l	100
86) p-Isopropyltoluene	12.05	119	262498	20.435	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	128383	19.322	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	132493	19.136	ug/l	99
89) n-Butylbenzene	12.37	91	241219	20.599	ug/l	98
90) Hexachloroethane	12.58	117	42904	19.964	ug/l	99
91) 1,2-Dichlorobenzene	12.37	146	126351	19.418	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	21345	21.583	ug/l	99

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ALS Vial : 4 Sample Multiplier: 1

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MSVOA_X
ClientSampleId :
VSTDICC020

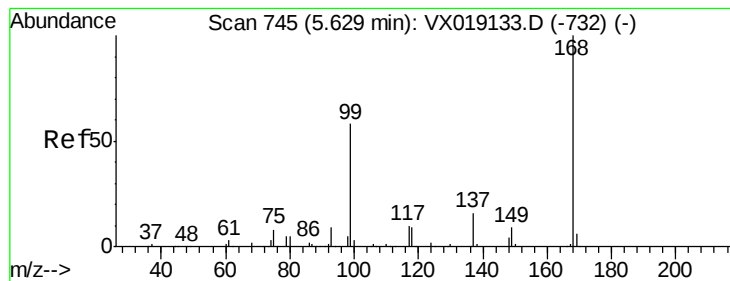
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	88300	19.468	ug/l	99
94) Hexachlorobutadiene	13.76	225	38759	19.234	ug/l	97
95) Naphthalene	13.82	128	288387	20.190	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	85449	19.202	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



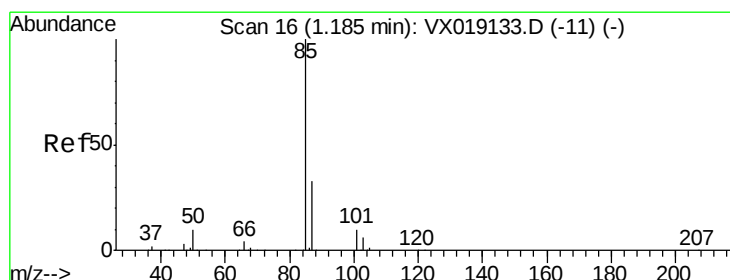
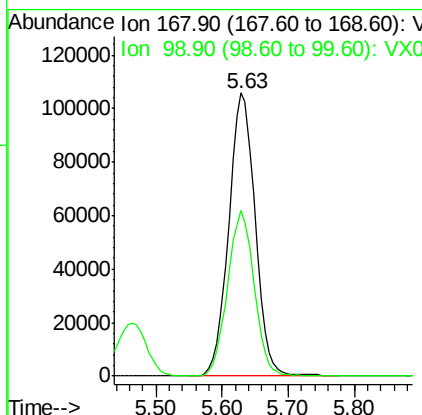
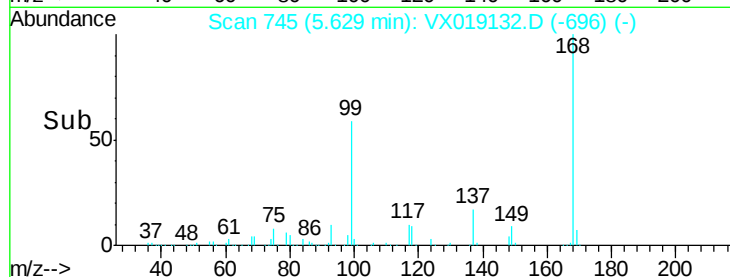
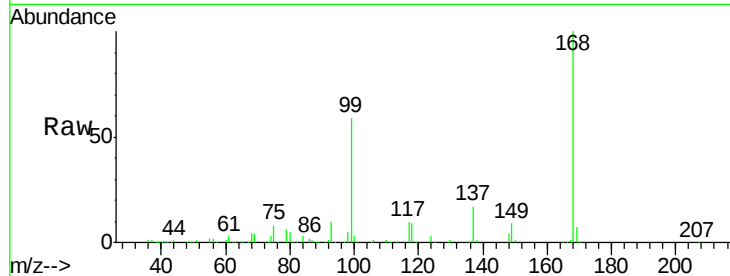
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.00 min
Lab File: VX019132.D
Acq: 27 Oct 2020 12:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
168	100		
99	58.4	46.6	69.8

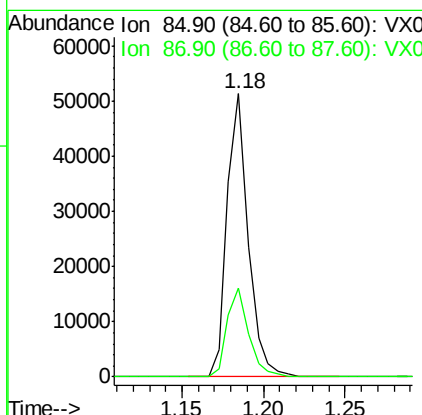
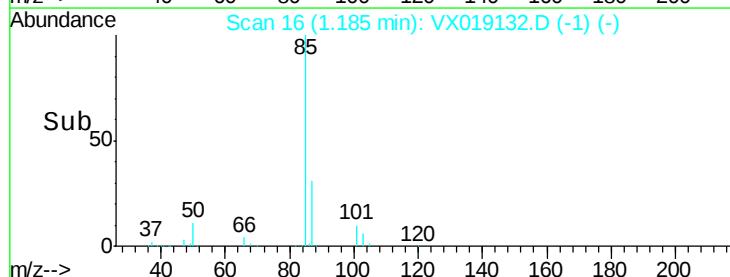
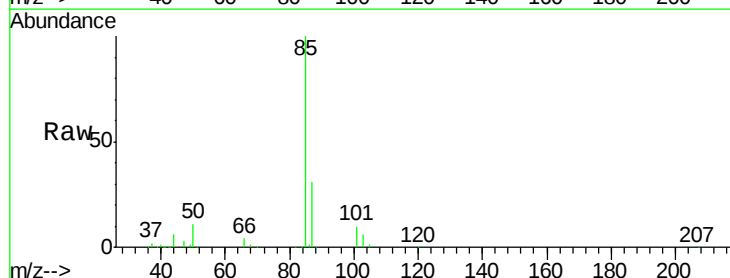
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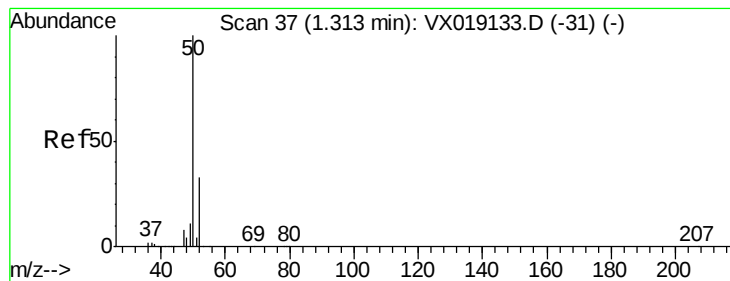
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#2
Dichlorodifluoromethane
Concen: 19.901 ug/l
RT: 1.18 min Scan# 16
Delta R.T. -0.00 min
Lab File: VX019132.D
Acq: 27 Oct 2020 12:18

Tgt Ion	Ratio	Lower	Upper
85	100		
87	31.3	16.6	49.7





#3

Chloromethane

Concen: 20.134 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX019132.D

Acq: 27 Oct 2020 12:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 50 Resp: 50494

Ion Ratio Lower Upper

50 100

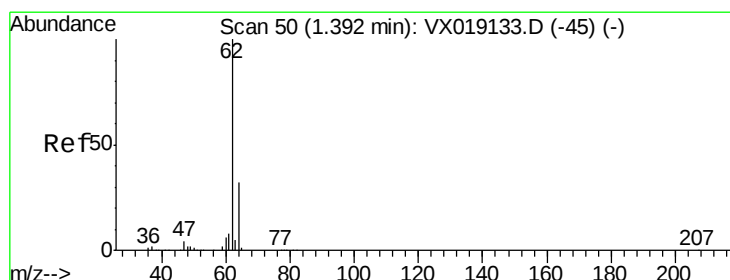
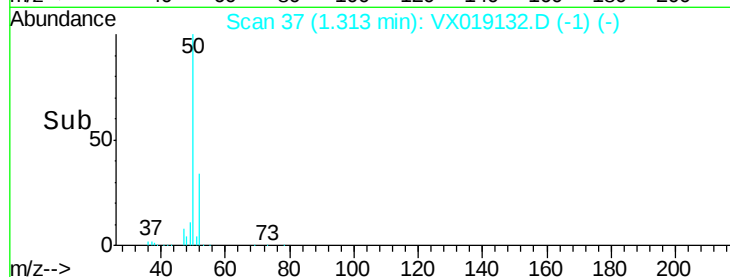
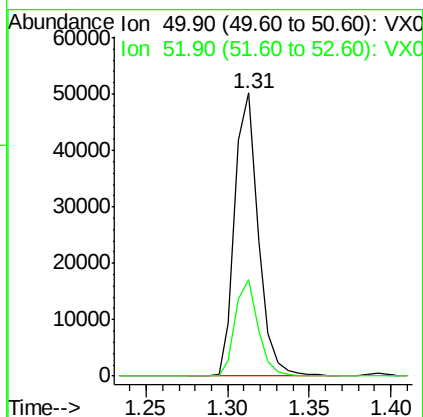
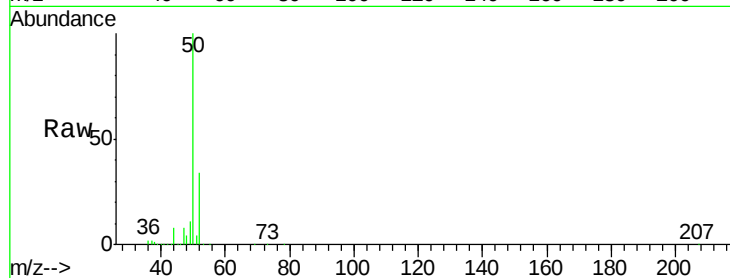
52 34.3 26.8 40.2

Manual Integrations

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#4

Vinyl Chloride

Concen: 18.954 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX019132.D

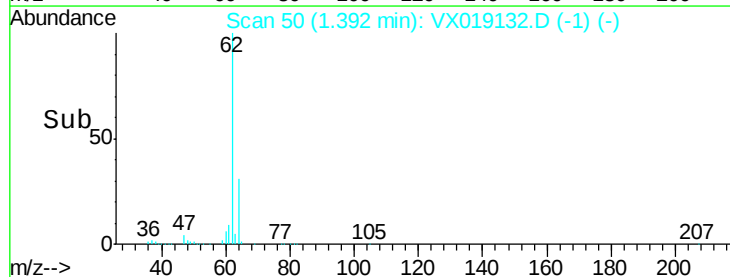
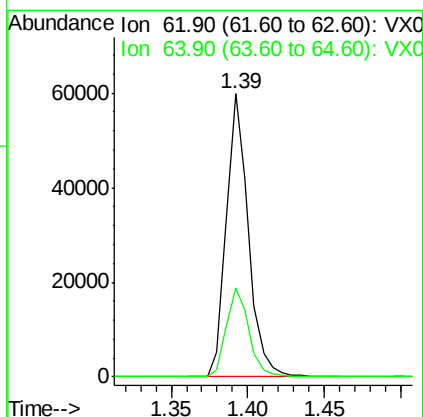
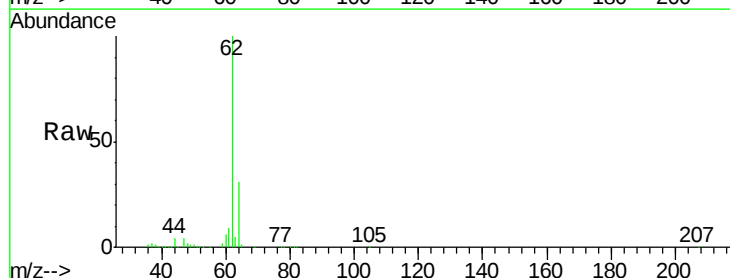
Acq: 27 Oct 2020 12:18

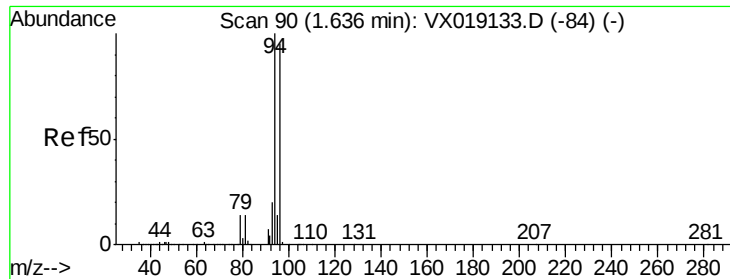
Tgt Ion: 62 Resp: 59395

Ion Ratio Lower Upper

62 100

64 31.4 25.4 38.0





#5

Bromomethane

Concen: 23.389 ug/l

RT: 1.64 min Scan# 90

Delta R.T. -0.00 min

Lab File: VX019132.D

Acq: 27 Oct 2020 12:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 94 Resp: 46300

Ion Ratio Lower Upper

94 100

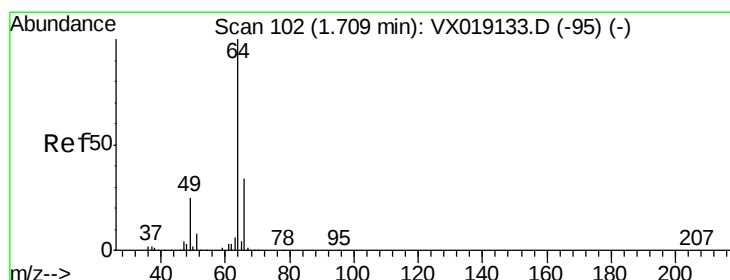
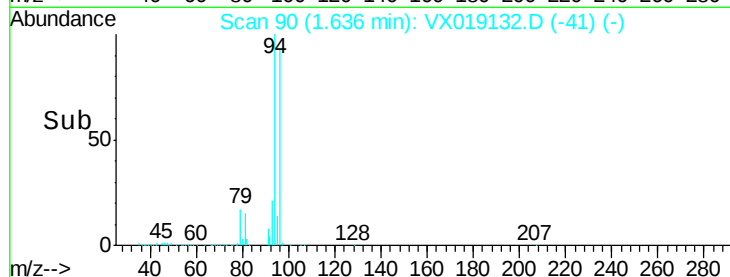
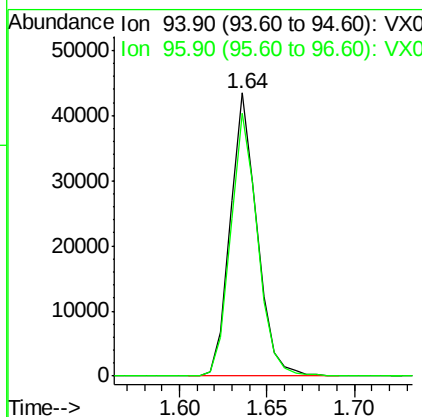
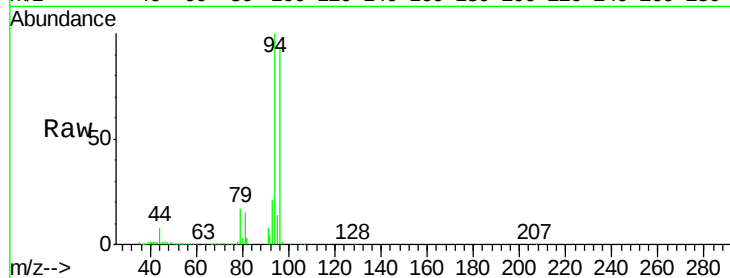
96 92.6 76.0 114.0

Manual Integrations

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#6

Chloroethane

Concen: 18.377 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX019132.D

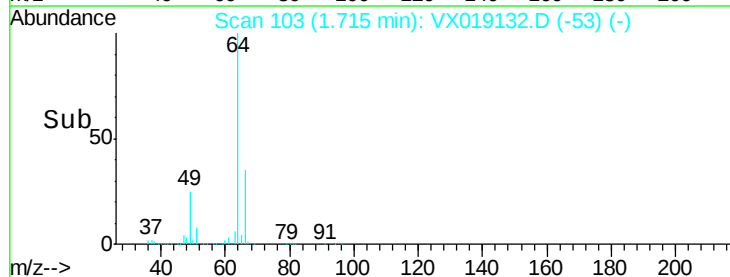
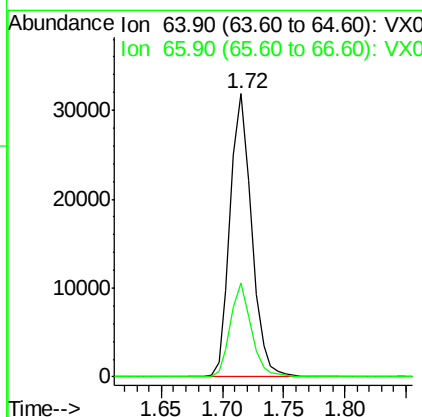
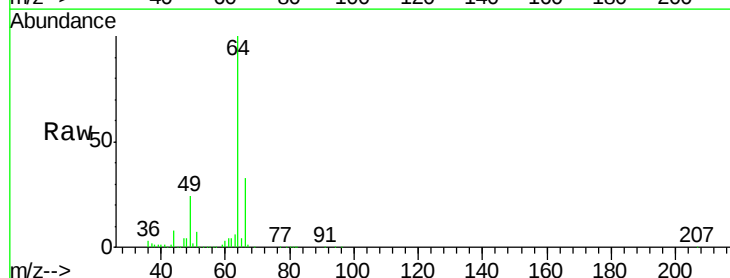
Acq: 27 Oct 2020 12:18

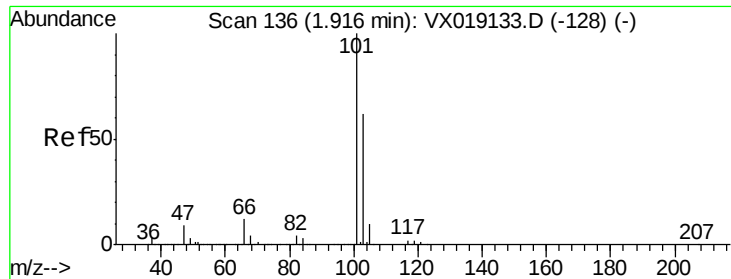
Tgt Ion: 64 Resp: 38823

Ion Ratio Lower Upper

64 100

66 33.3 27.1 40.7





#7

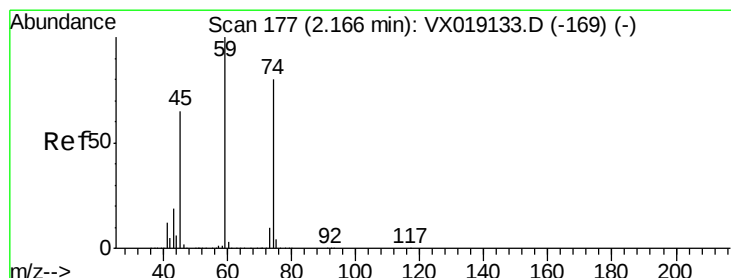
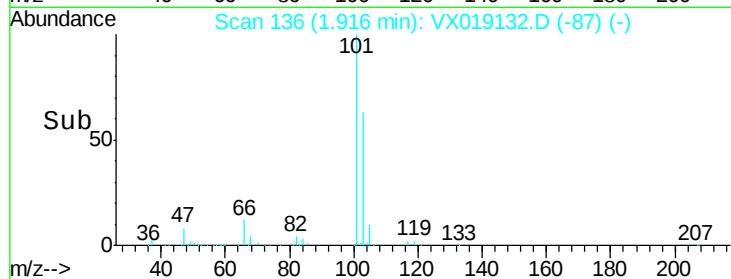
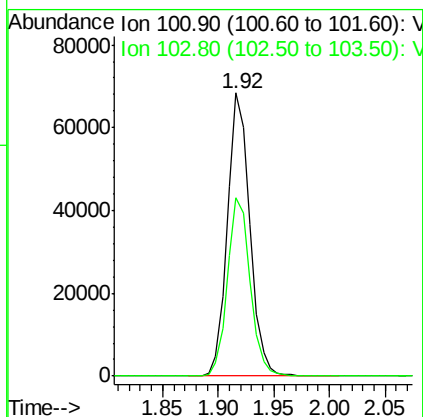
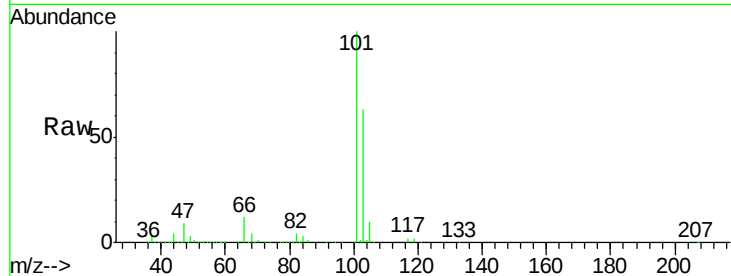
Trichlorofluoromethane
Concen: 17.914 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX019132.D
Acq: 27 Oct 2020 12:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
101	100		
103	62.8	50.0	75.0

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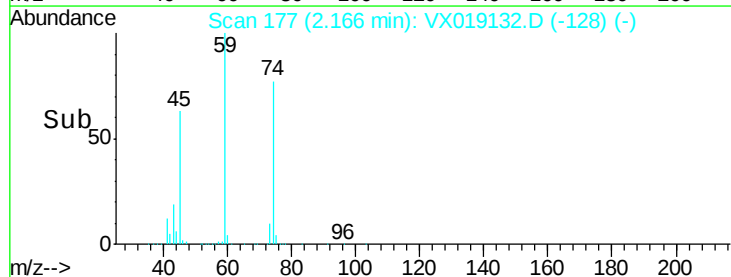
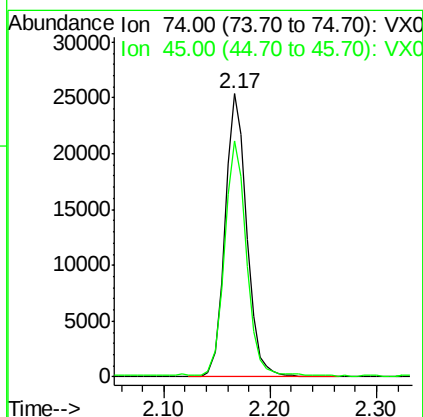
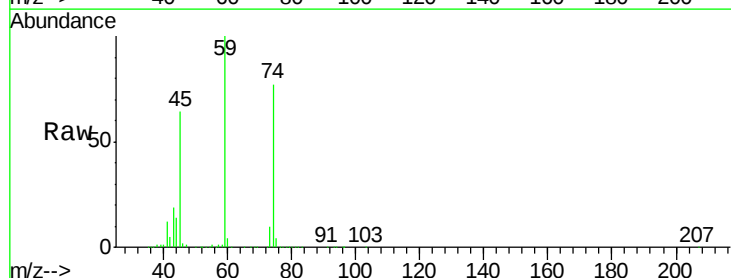
MMDadoda
10/28/2020 12:33:16 PM

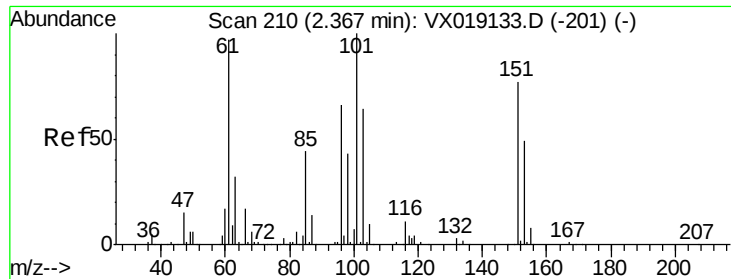


#8

Diethyl Ether
Concen: 17.324 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX019132.D
Acq: 27 Oct 2020 12:18

Tgt Ion	Ratio	Lower	Upper
74	100		
45	82.1	41.0	123.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.356 ug/l

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX019132.D

Acq: 27 Oct 2020 12:18

Instrument :

MSVOA_X

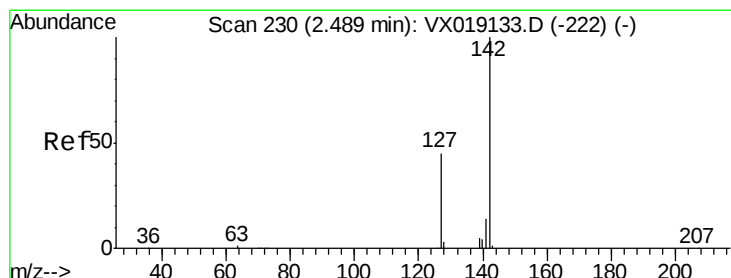
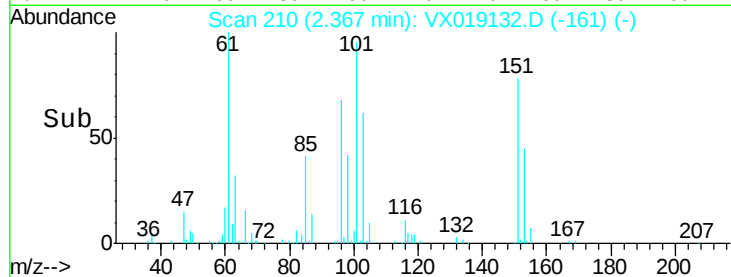
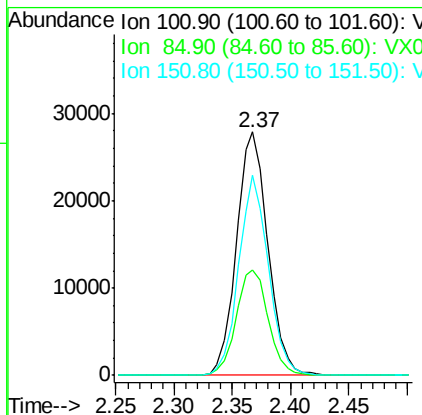
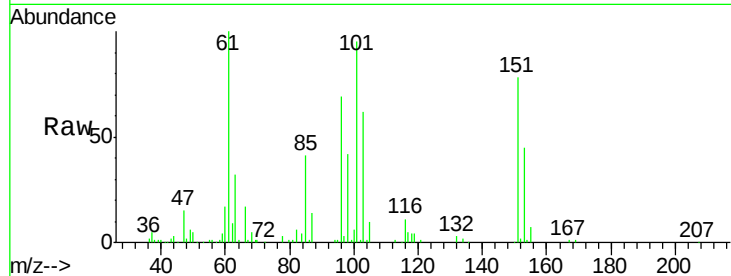
ClientSampleId :

VSTDIC020

Tot Ion:	101	Resp:	52424
Ion Ratio	Lower	Upper	
101	100		
85	44.1	35.0	52.4
151	78.1	61.4	92.2

Manual Integrations
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#10

Methyl Iodide

Concen: 14.062 ug/l

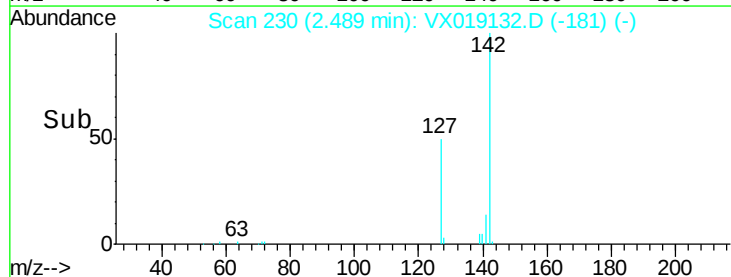
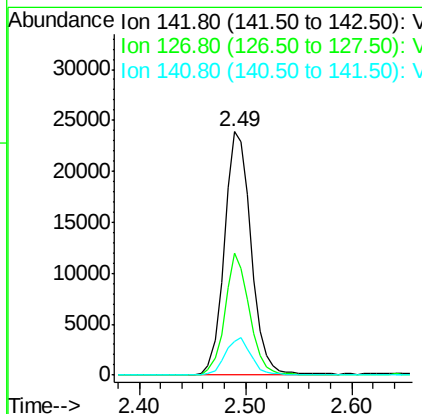
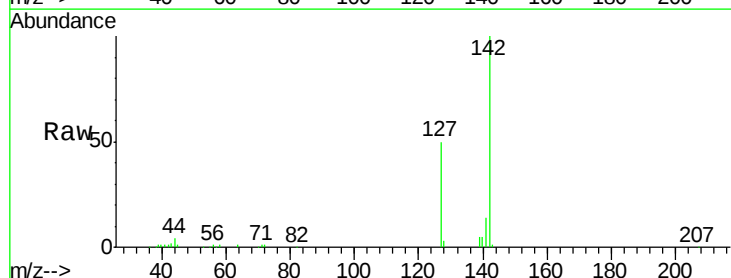
RT: 2.49 min Scan# 230

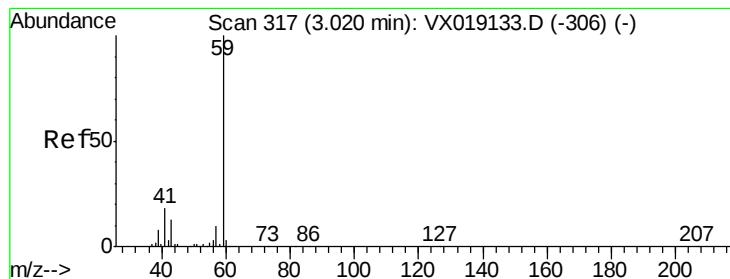
Delta R.T. -0.00 min

Lab File: VX019132.D

Acq: 27 Oct 2020 12:18

Tgt Ion:	142	Resp:	42078
Ion Ratio	Lower	Upper	
142	100		
127	45.8	36.1	54.1
141	14.6	11.3	16.9





#11

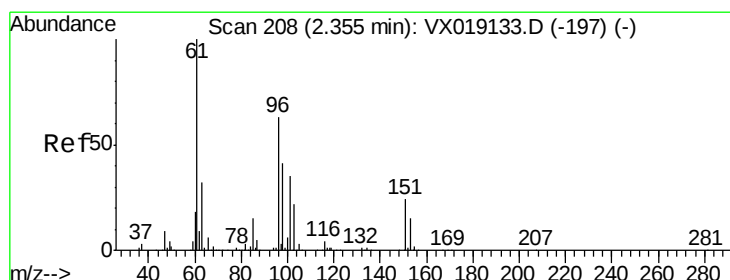
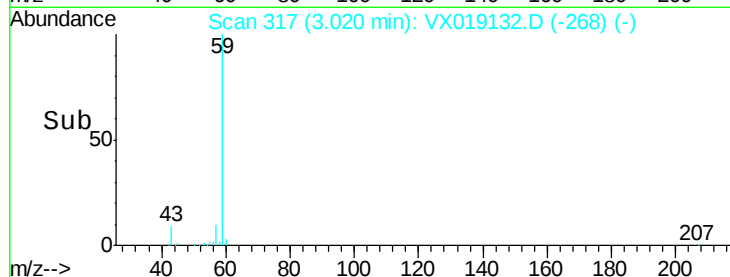
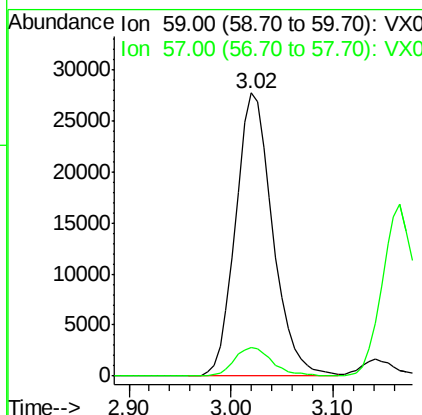
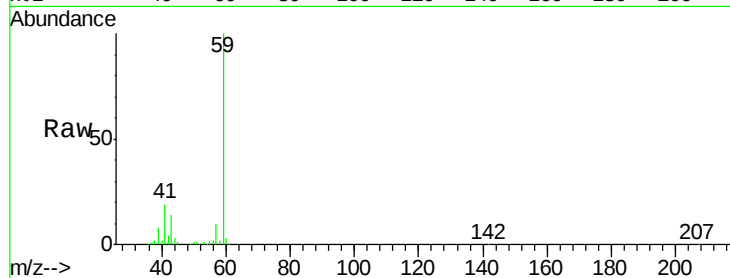
Tert butyl alcohol
Concen: 97.158 ug/l
RT: 3.02 min Scan# 317
Delta R.T. -0.00 min
Lab File: VX019132.D
Acq: 27 Oct 2020 12:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ion	Ratio	Resp	Lower	Upper
59	59	100	69872		
57	57	10.4		8.4	12.6

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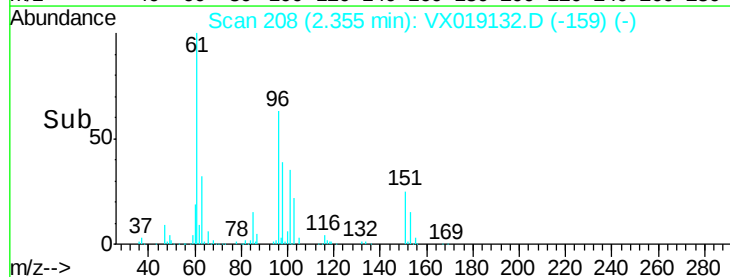
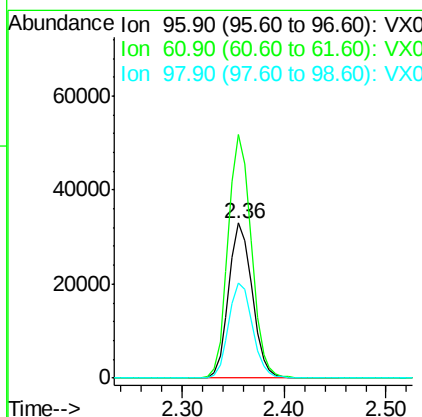
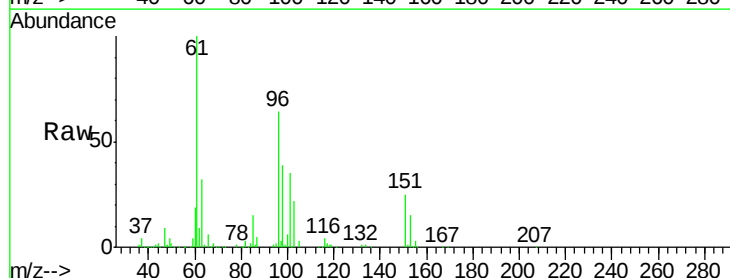
MMDadoda
10/28/2020 12:33:16 PM

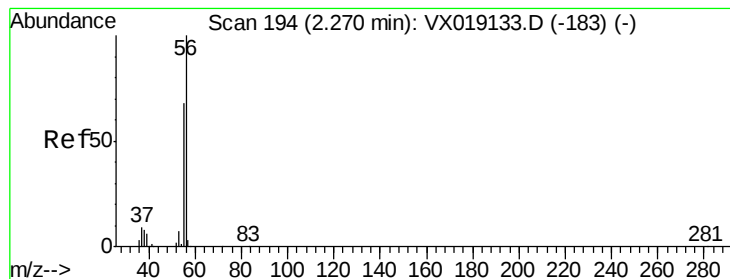


#12

1,1-Dichloroethene
Concen: 19.216 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX019132.D
Acq: 27 Oct 2020 12:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
96	96	100	52666		
61	61	157.2		127.7	191.5
98	98	61.6		52.1	78.1





#13

Acrolein

Concen: 78.217 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.01 min

Lab File: VX019132.D

Acq: 27 Oct 2020 12:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 56 Resp: 27288

Ion Ratio Lower Upper

56 100

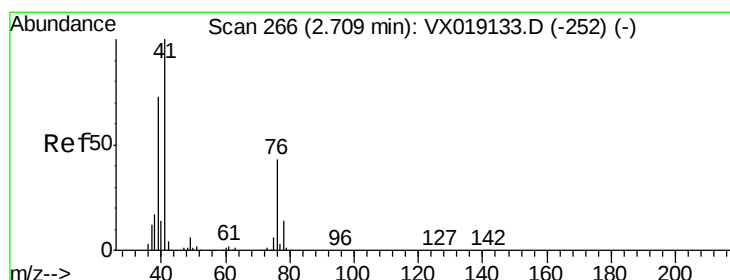
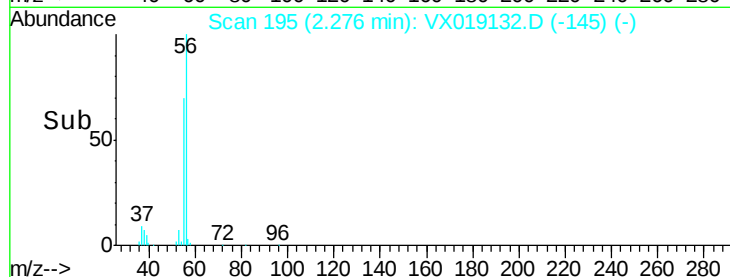
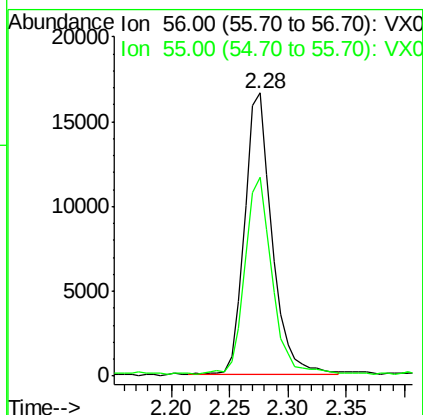
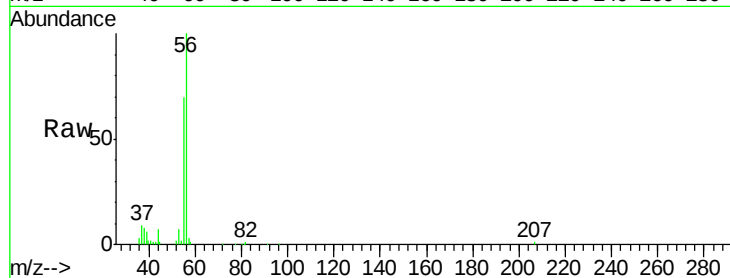
55 69.2 54.7 82.1

Manual Integrations

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#14

Allyl chloride

Concen: 21.653 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX019132.D

Acq: 27 Oct 2020 12:18

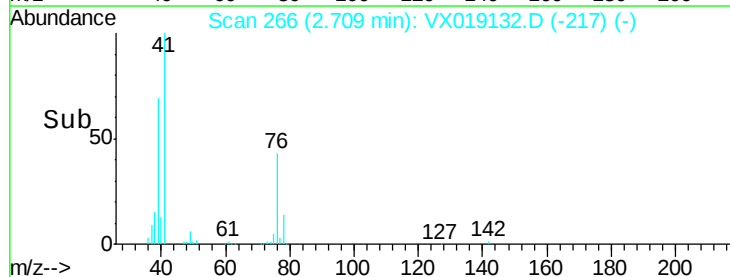
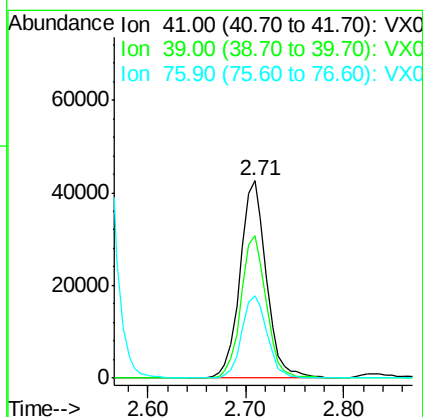
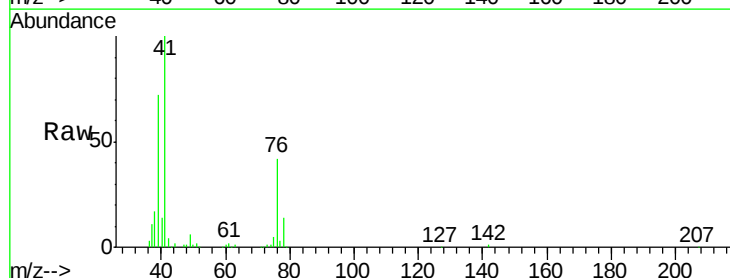
Tgt Ion: 41 Resp: 78901

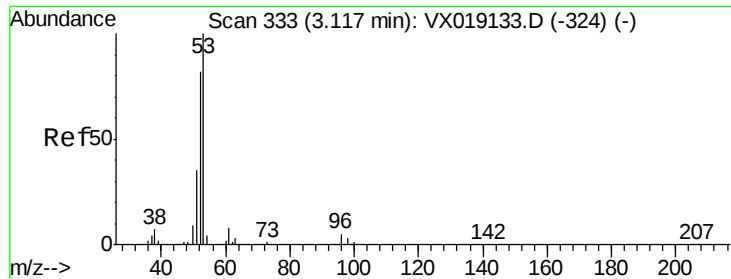
Ion Ratio Lower Upper

41 100

39 69.3 55.2 82.8

76 40.6 31.5 47.3





#15

Acrylonitrile

Concen: 102.589 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX019132.D

Acq: 27 Oct 2020 12:18

Instrument :

MSVOA_X

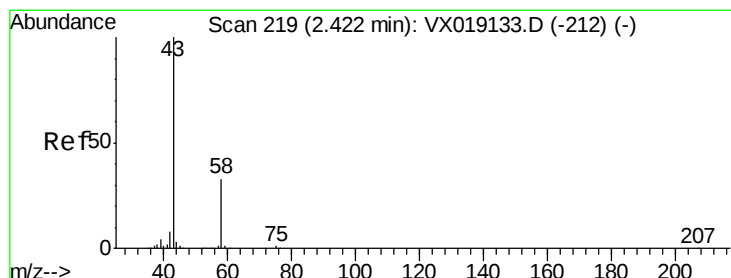
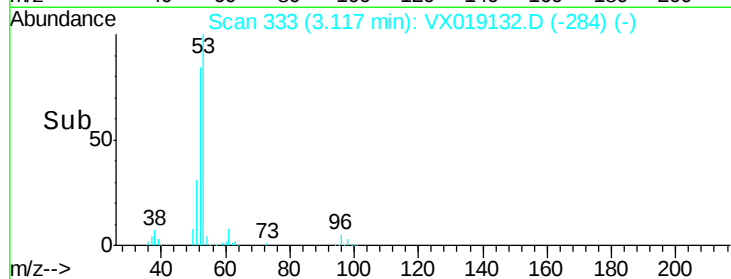
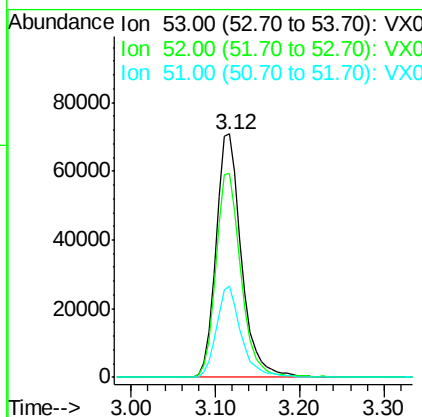
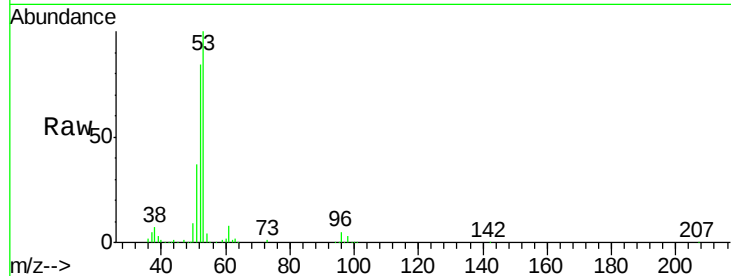
ClientSampleId :

VSTDIC020

Tot Ion:	53	Resp:	148237
Ion	Ratio	Lower	Upper
53	100		
52	82.6	65.7	98.5
51	36.3	28.4	42.6

Manual Integrations
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#16

Acetone

Concen: 106.550 ug/l

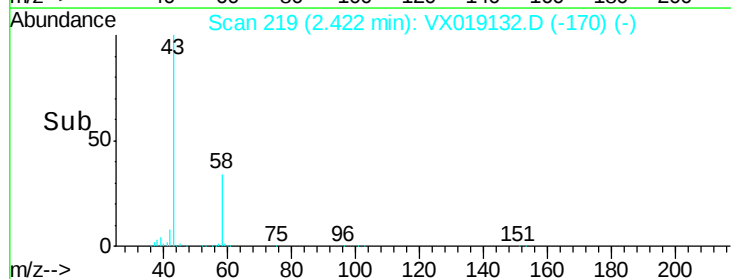
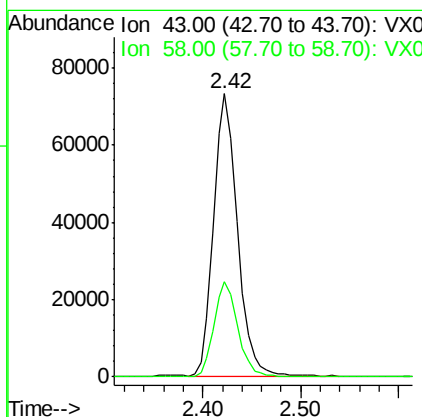
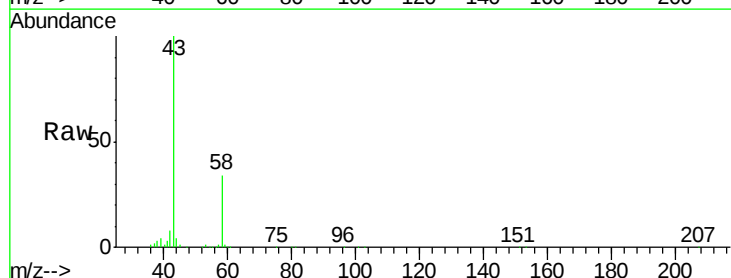
RT: 2.42 min Scan# 219

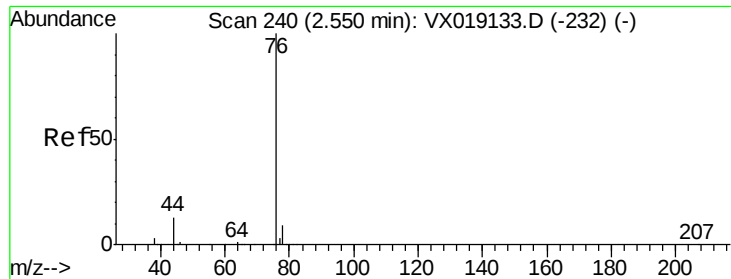
Delta R.T. -0.00 min

Lab File: VX019132.D

Acq: 27 Oct 2020 12:18

Tgt Ion:	43	Resp:	123633
Ion	Ratio	Lower	Upper
43	100		
58	33.8	26.3	39.5





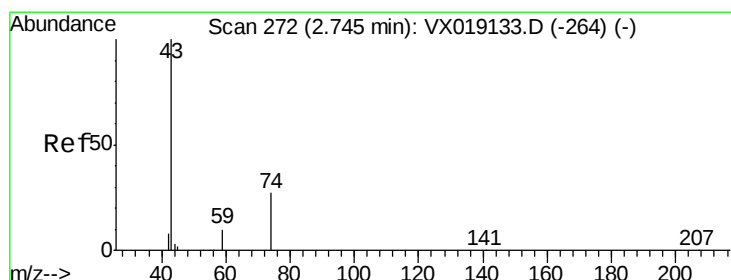
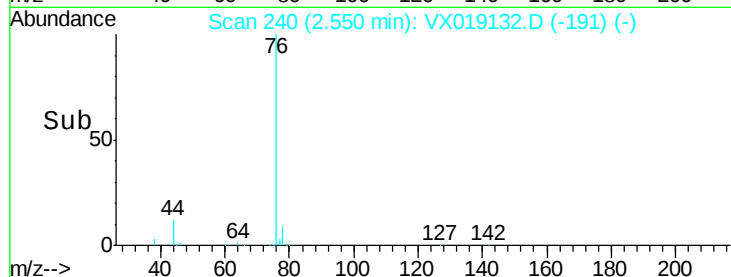
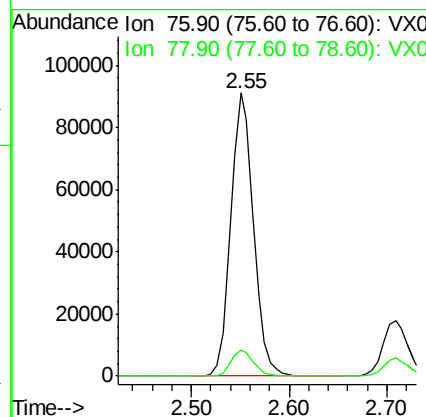
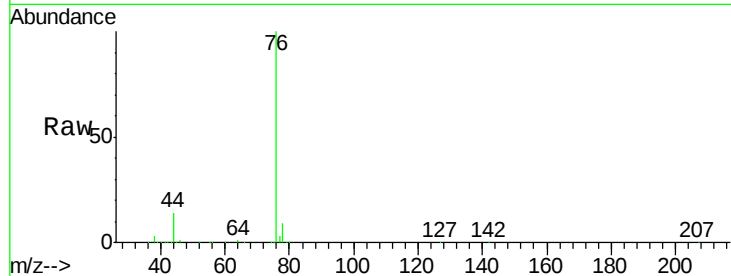
#17
Carbon Disulfide
Concen: 19.236 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX019132.D
Acq: 27 Oct 2020 12:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Resp	Lower	Upper
76	100	146076		
78	9.1		7.3	10.9

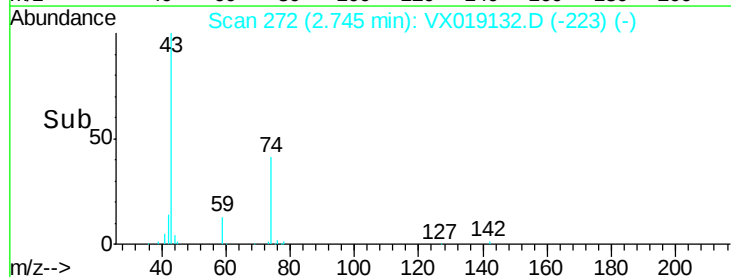
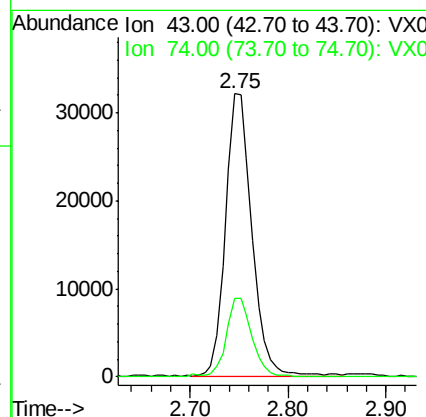
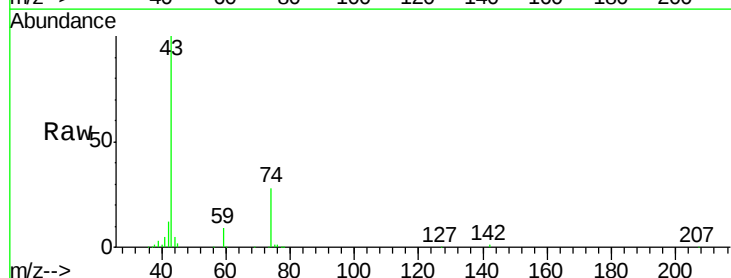
Manual Integrations
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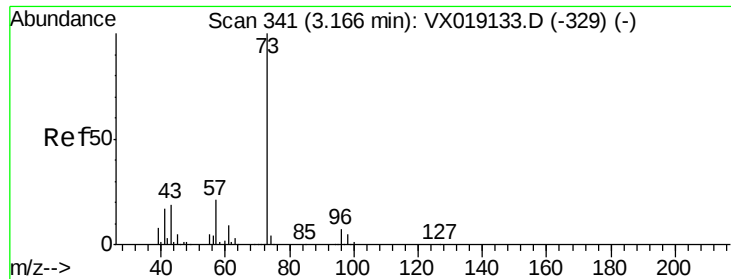
MMDadoda
10/28/2020 12:33:16 PM



#18
Methyl Acetate
Concen: 20.958 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.00 min
Lab File: VX019132.D
Acq: 27 Oct 2020 12:18

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	59766		
74	27.8		22.6	33.8





#19

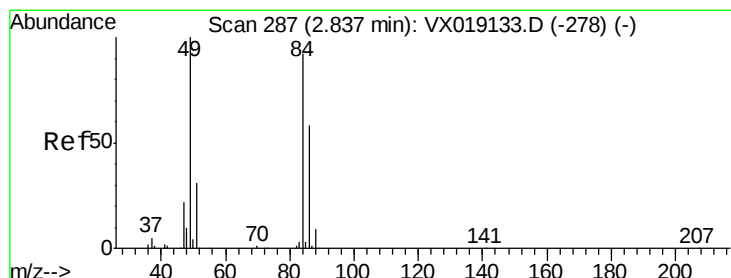
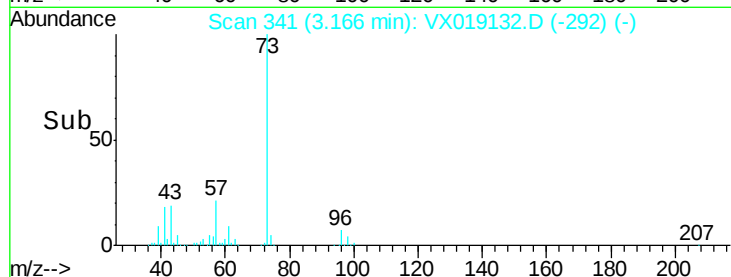
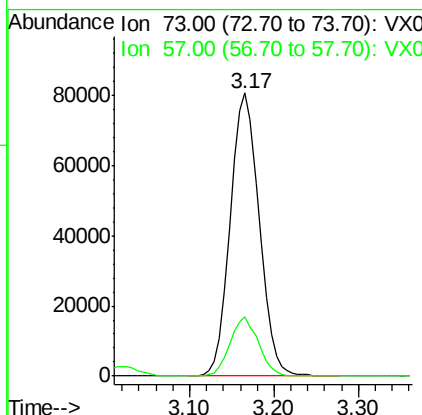
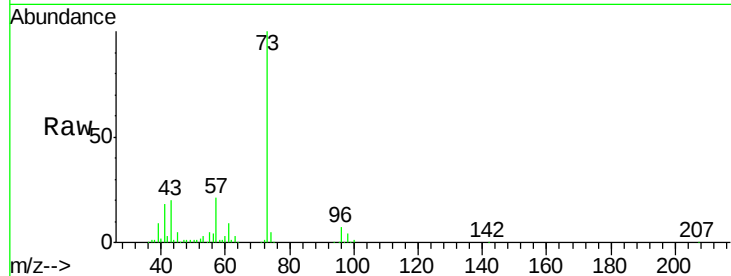
Methyl tert-butyl Ether
 Concen: 19.863 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. -0.00 min
 Lab File: VX019132.D
 Acq: 27 Oct 2020 12:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tot Ion	73	Resp	188077
Ion Ratio	Lower	Upper	
73	100		
57	20.9	16.6	25.0

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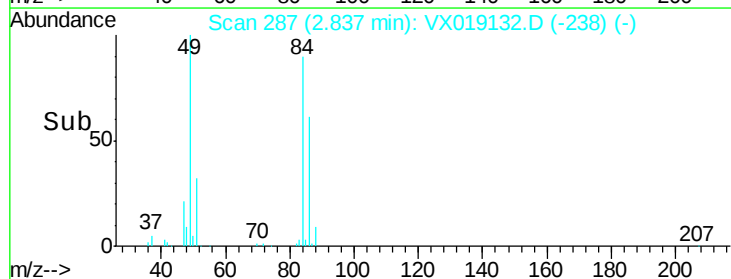
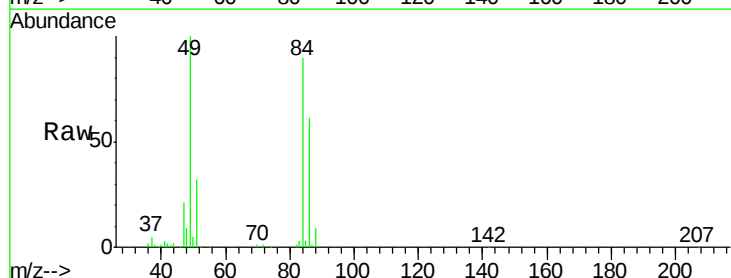
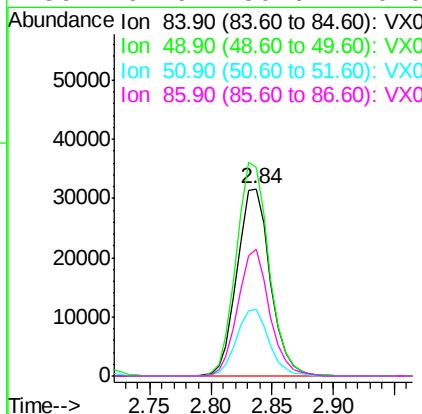
MMDadoda
 10/28/2020 12:33:16 PM

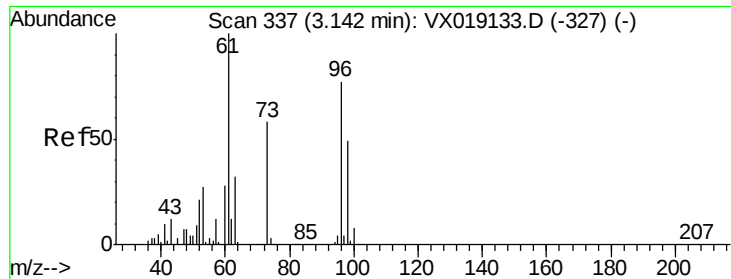


#20

Methylene Chloride
 Concen: 18.101 ug/l
 RT: 2.84 min Scan# 287
 Delta R.T. -0.00 min
 Lab File: VX019132.D
 Acq: 27 Oct 2020 12:18

Tgt Ion	84	Resp	59633
Ion Ratio	Lower	Upper	
84	100		
49	111.4	86.8	130.2
51	35.4	27.3	40.9
86	67.9	50.6	76.0





#21

trans-1,2-Dichloroethene

Concen: 18.439 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX019132.D

Acq: 27 Oct 2020 12:18

Instrument :

MSVOA_X

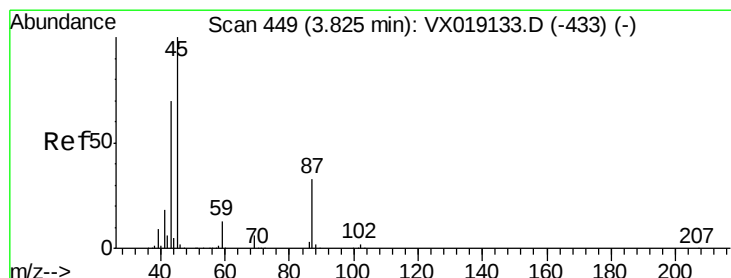
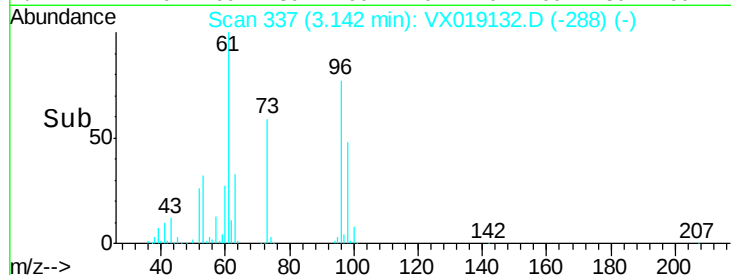
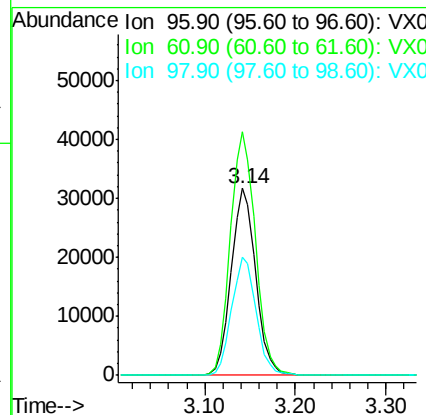
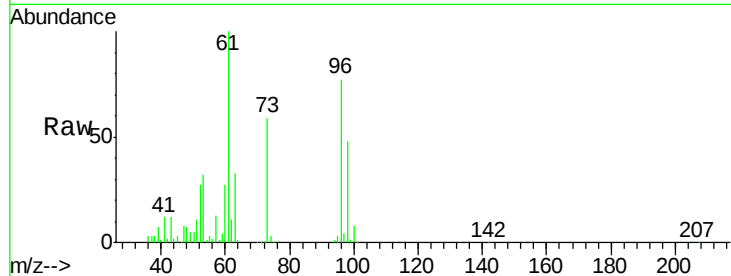
ClientSampleId :

VSTDIC020

Tot Ion:	96	Resp:	59414
Ion	Ratio	Lower	Upper
96	100		
61	130.2	104.2	156.4
98	62.9	51.3	76.9

Manual Integrations
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#22

Diisopropyl ether

Concen: 21.408 ug/l

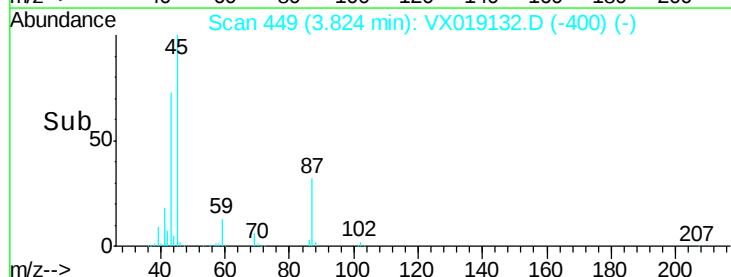
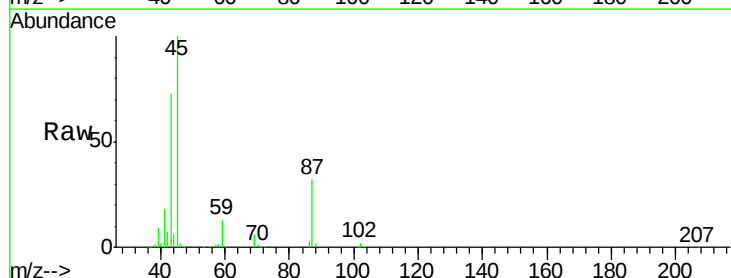
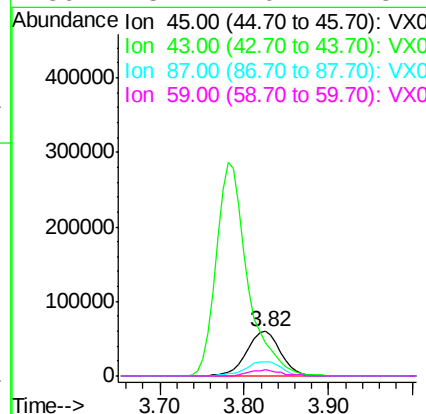
RT: 3.82 min Scan# 449

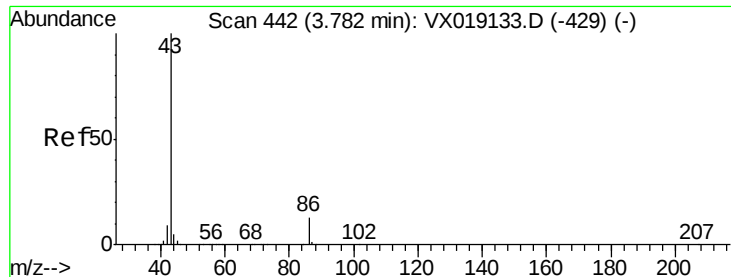
Delta R.T. -0.00 min

Lab File: VX019132.D

Acq: 27 Oct 2020 12:18

Tgt Ion:	45	Resp:	164760
Ion	Ratio	Lower	Upper
45	100		
43	72.1	56.2	84.4
87	32.2	26.2	39.2
59	13.1	10.1	15.1





#23

Vinyl Acetate

Concen: 108.786 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.00 min

Lab File: VX019132.D

Acq: 27 Oct 2020 12:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 43 Resp: 737003

Ion Ratio Lower Upper

43 100

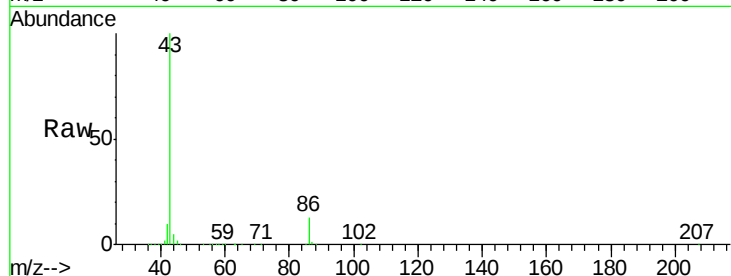
86 12.9 10.4 15.6

Manual Integrations

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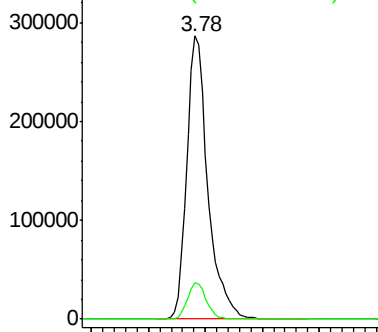
MMDadoda

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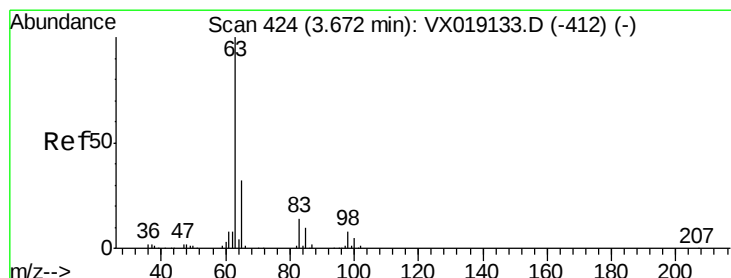
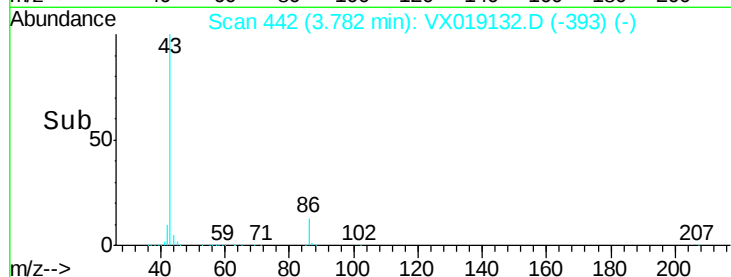


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



Time-->



#24

1,1-Dichloroethane

Concen: 20.132 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX019132.D

Acq: 27 Oct 2020 12:18

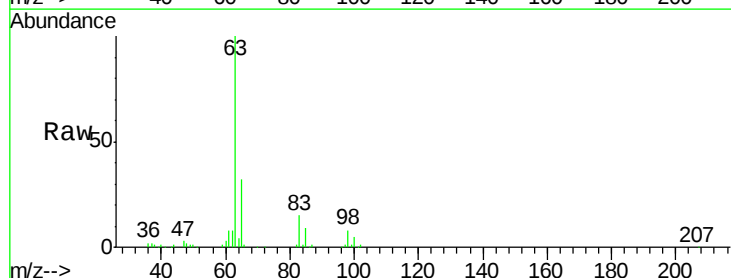
Tgt Ion: 63 Resp: 101242

Ion Ratio Lower Upper

63 100

98 7.7 3.8 11.4

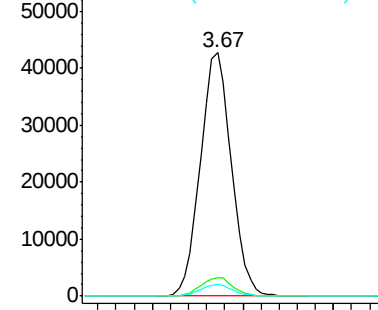
100 4.9 2.4 7.2



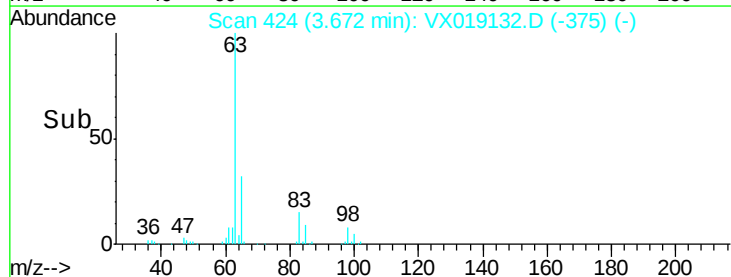
Abundance Ion 62.90 (62.60 to 63.60): VX0

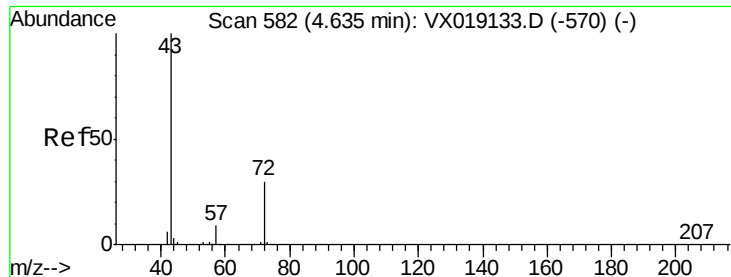
Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0



Time-->





#25

2-Butanone

Concen: 107.425 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX019132.D

Acq: 27 Oct 2020 12:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 43 Resp: 198806

Ion Ratio Lower Upper

43 100

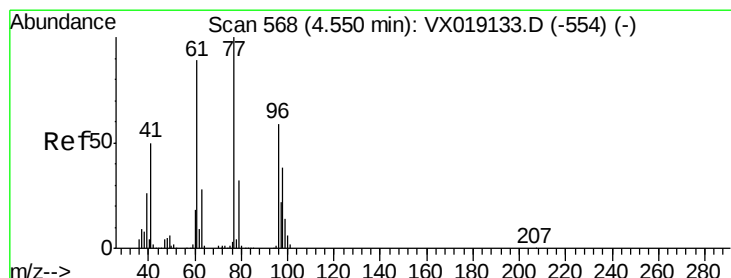
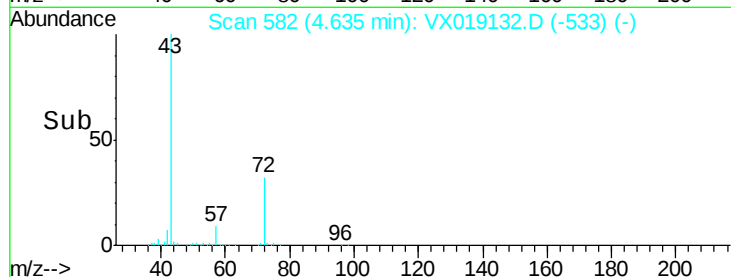
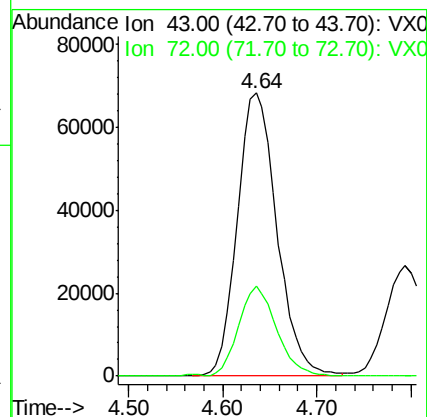
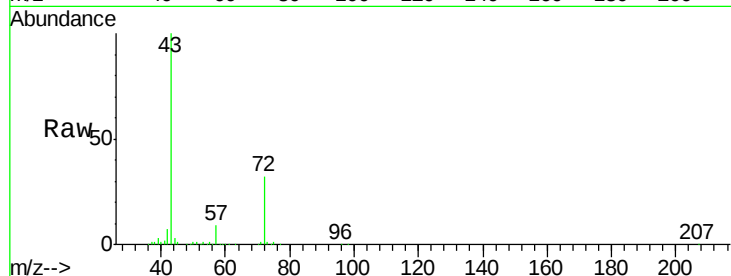
72 31.6 24.6 36.8

Manual Integrations

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MMDadoda

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#26

2,2-Dichloropropane

Concen: 20.001 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX019132.D

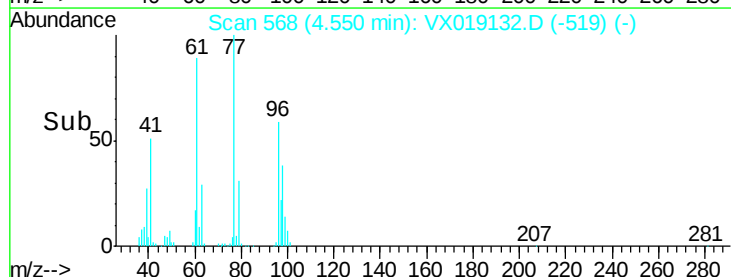
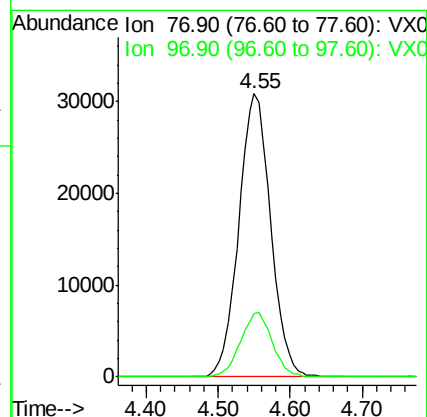
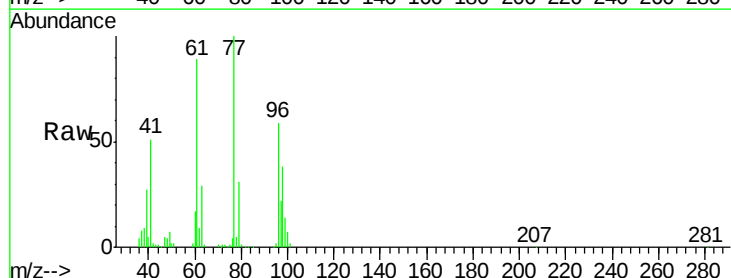
Acq: 27 Oct 2020 12:18

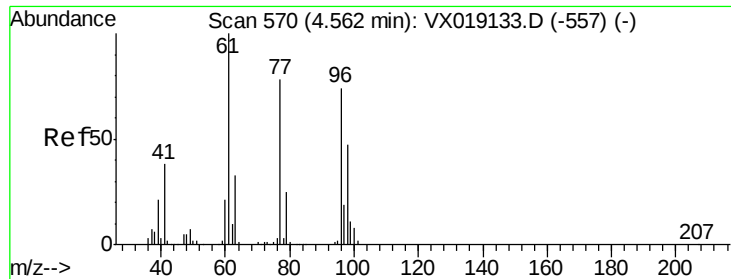
Tgt Ion: 77 Resp: 94628

Ion Ratio Lower Upper

77 100

97 22.7 11.4 34.1





#27

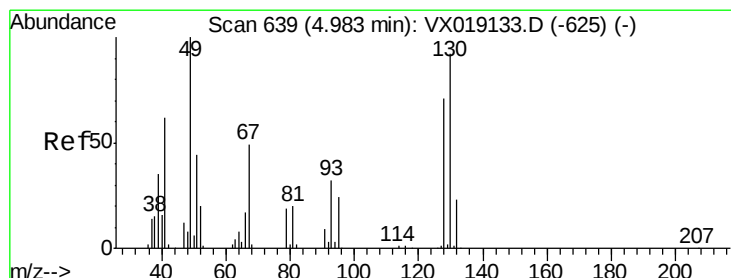
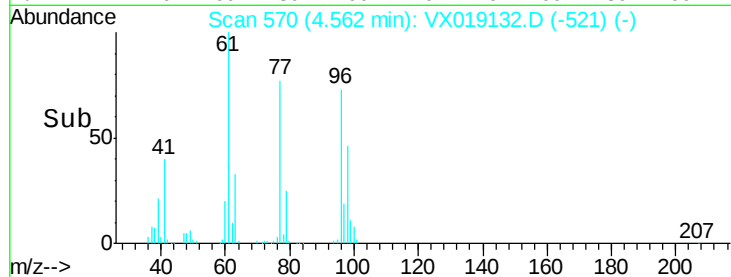
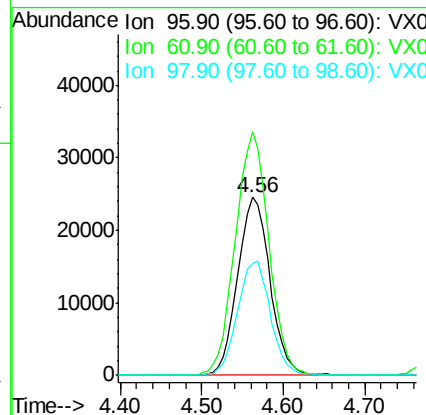
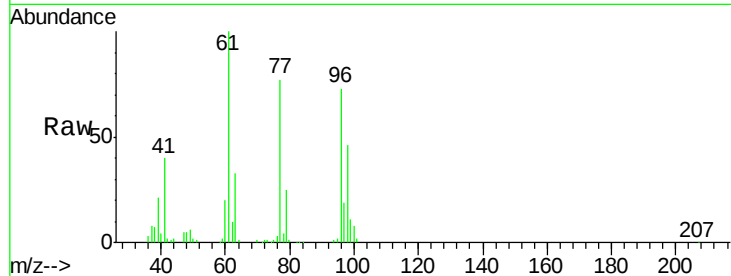
cis-1,2-Dichloroethene
 Concen: 18.673 ug/l
 RT: 4.56 min Scan# 570
 Delta R.T. -0.00 min
 Lab File: VX019132.D
 Acq: 27 Oct 2020 12:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Lower	Upper
96	100		
61	141.7	0.0	278.8
98	64.9	0.0	130.2

Manual Integrations
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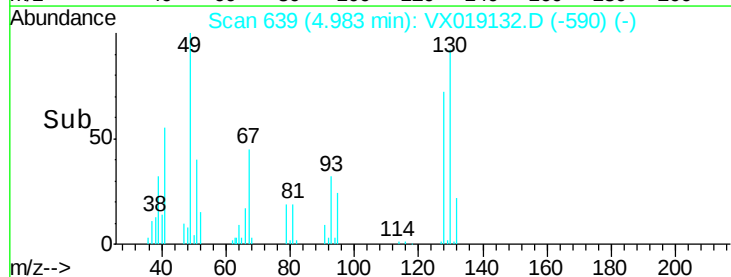
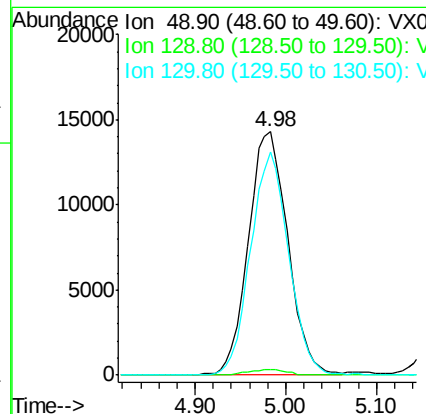
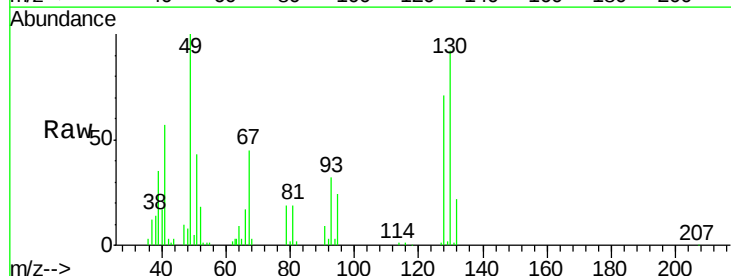
MMDadoda
 10/28/2020 12:33:16 PM

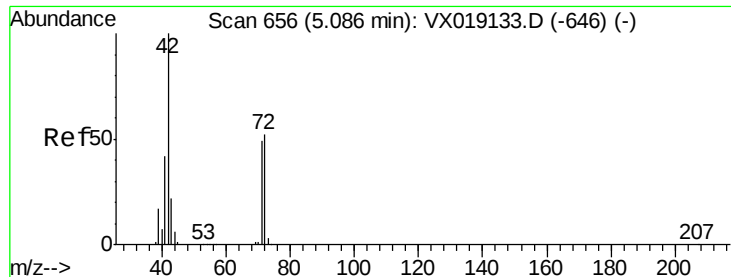


#28

Bromochloromethane
 Concen: 19.799 ug/l
 RT: 4.98 min Scan# 639
 Delta R.T. -0.00 min
 Lab File: VX019132.D
 Acq: 27 Oct 2020 12:18

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.4
130	88.5	71.3	106.9





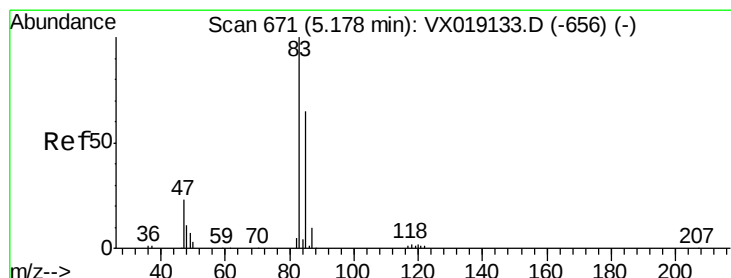
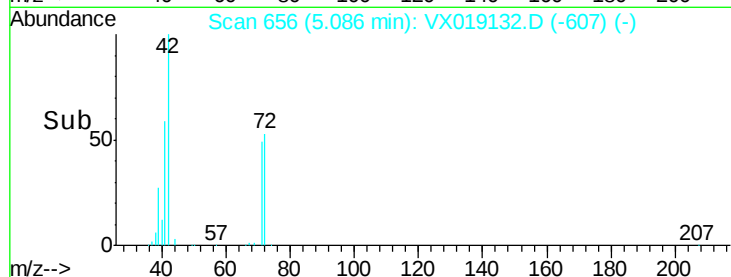
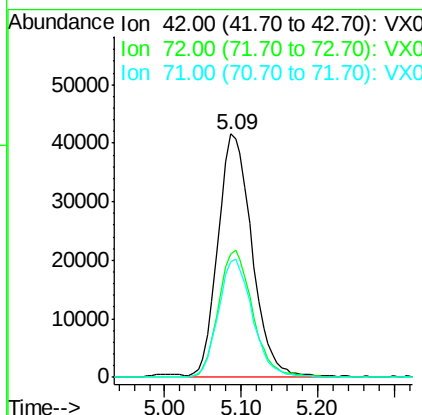
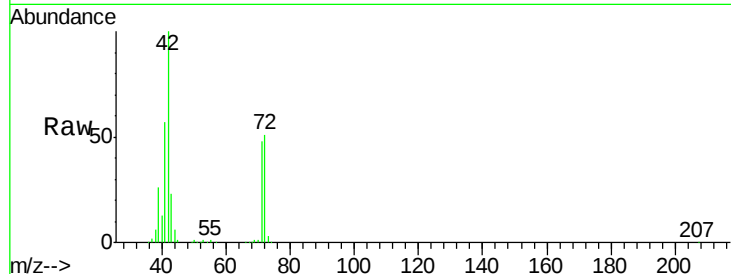
#29
Tetrahydrofuran
Concen: 108.140 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX019132.D
Acq: 27 Oct 2020 12:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
42	100		
72	53.0	42.6	63.8
71	48.8	39.7	59.5

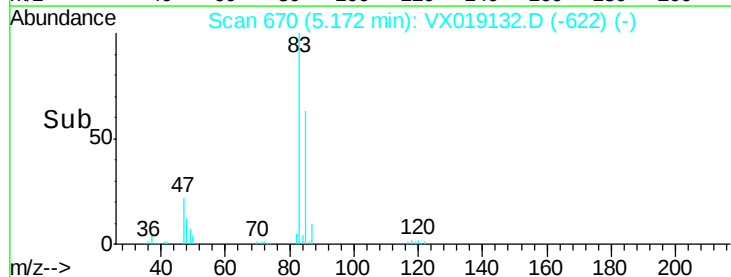
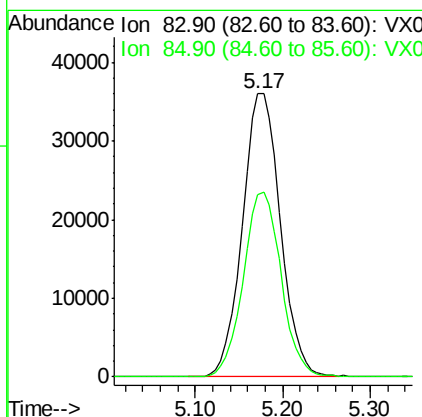
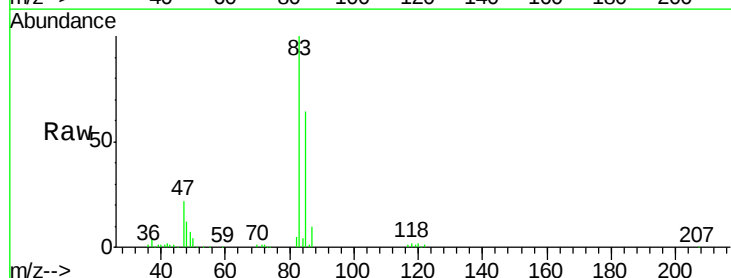
Manual Integrations
APPROVED

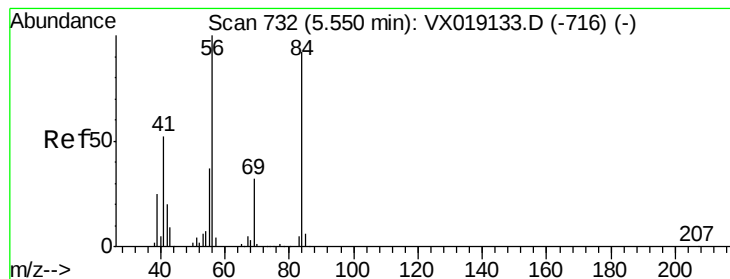
MMDadoda
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#30
Chloroform
Concen: 19.534 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX019132.D
Acq: 27 Oct 2020 12:18

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.4	51.9	77.9





#31

Cyclohexane

Concen: 20.031 ug/l

RT: 5.55 min Scan# 732

Delta R.T. -0.00 min

Lab File: VX019132.D

Acq: 27 Oct 2020 12:18

Instrument :

MSVOA_X

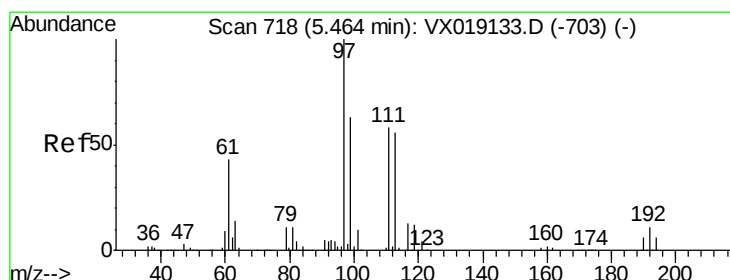
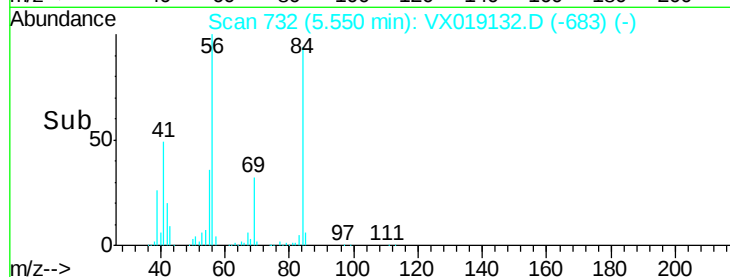
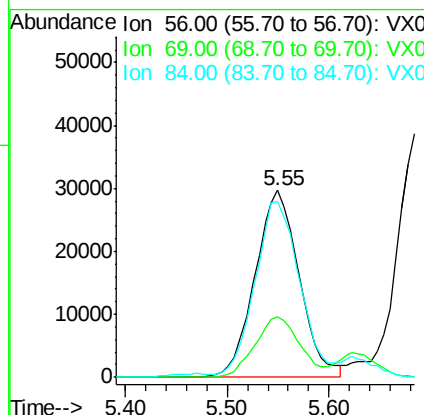
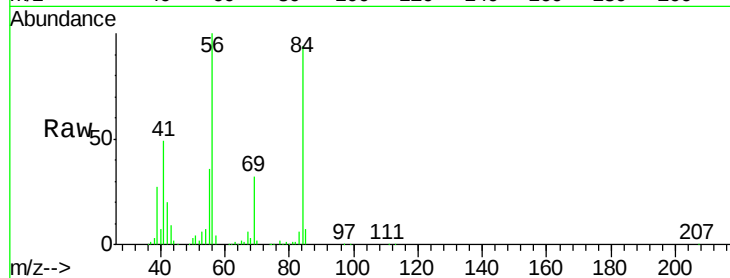
ClientSampleId :

VSTDIC020

Tot Ion:	56	Resp:	89185
Ion	Ratio	Lower	Upper
56	100		
69	32.2	25.9	38.9
84	92.3	73.4	110.2

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 19.894 ug/l

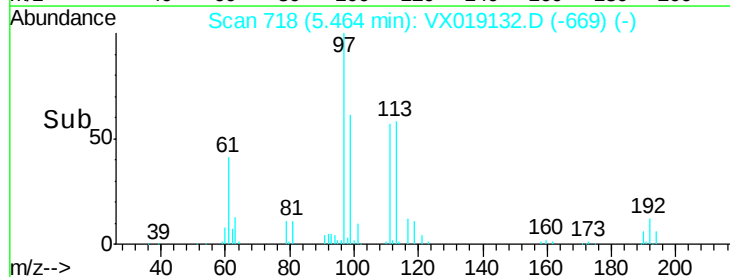
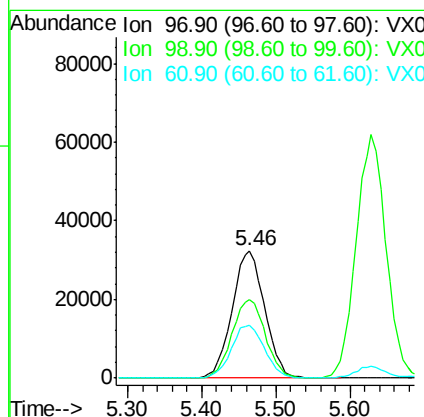
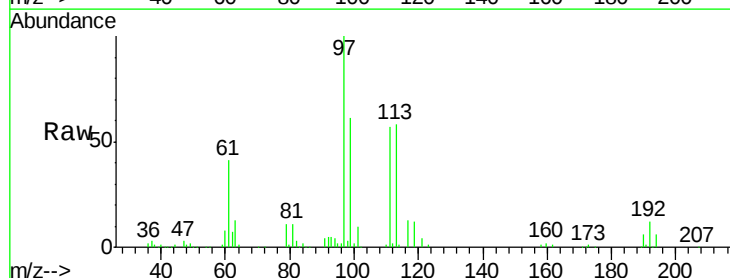
RT: 5.46 min Scan# 718

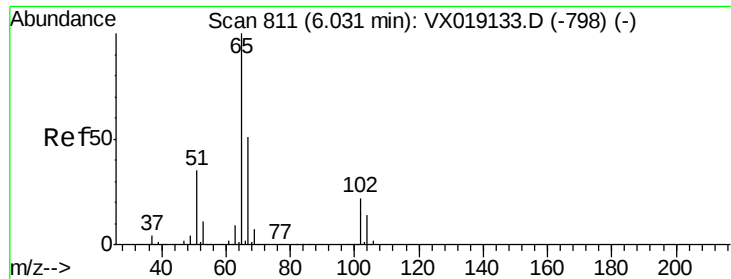
Delta R.T. -0.00 min

Lab File: VX019132.D

Acq: 27 Oct 2020 12:18

Tgt Ion:	97	Resp:	98908
Ion	Ratio	Lower	Upper
97	100		
99	63.4	51.7	77.5
61	42.5	34.2	51.2





#33

1,2-Dichloroethane-d4

Concen: 19.294 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX019132.D

Acq: 27 Oct 2020 12:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 65 Resp: 67741

Ion Ratio Lower Upper

65 100

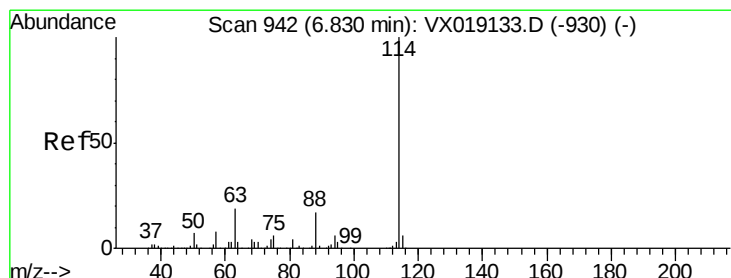
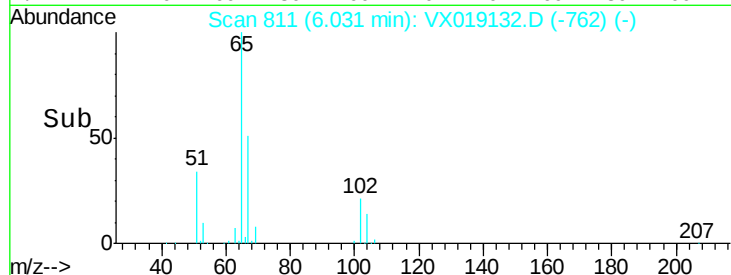
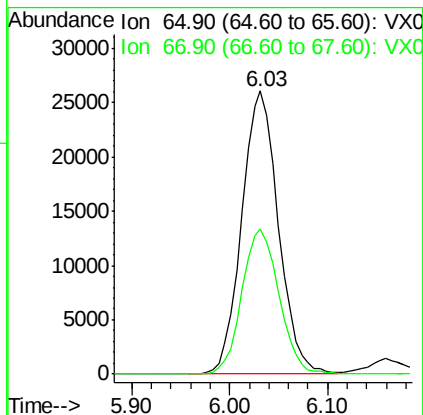
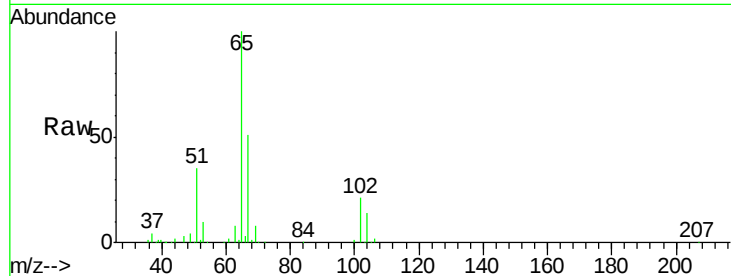
67 51.9 0.0 103.0

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX019132.D

Acq: 27 Oct 2020 12:18

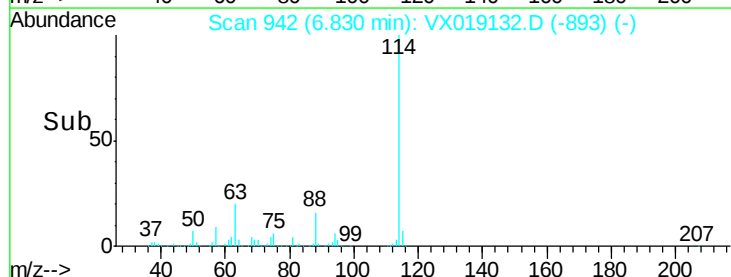
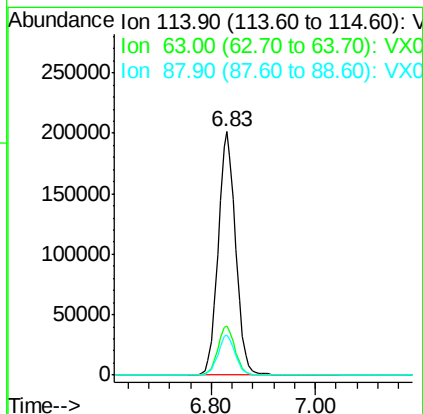
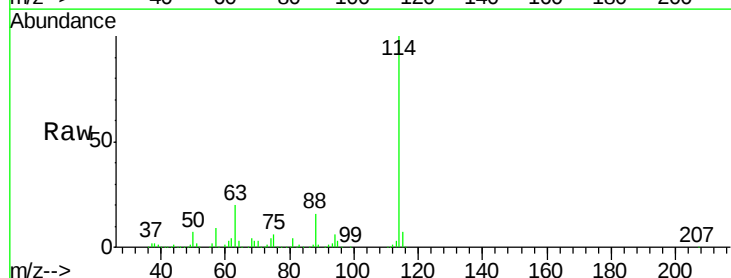
Tgt Ion: 114 Resp: 477487

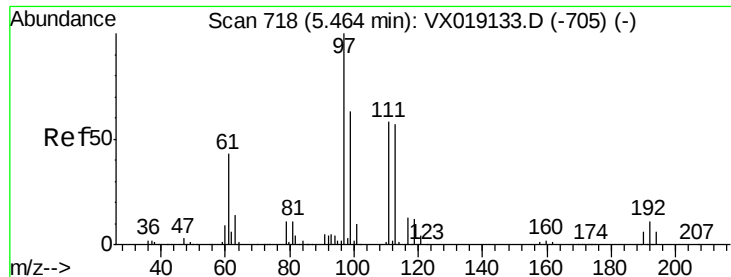
Ion Ratio Lower Upper

114 100

63 20.2 0.0 38.8

88 16.3 0.0 34.2





#35

Dibromofluoromethane

Concen: 18.229 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX019132.D

Acq: 27 Oct 2020 12:18

Instrument :

MSVOA_X

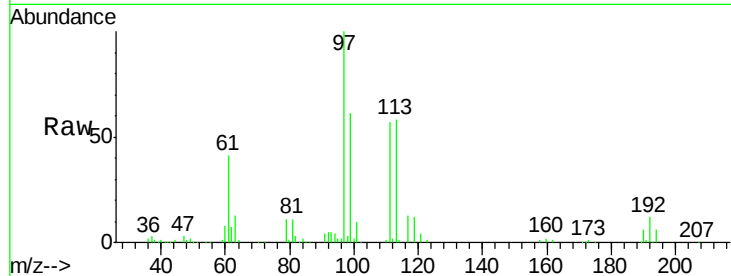
ClientSampleId :

VSTDIC020

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.3	123.5
192	20.0	16.2	24.2

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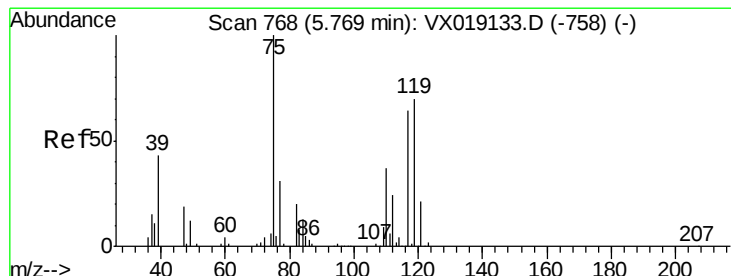
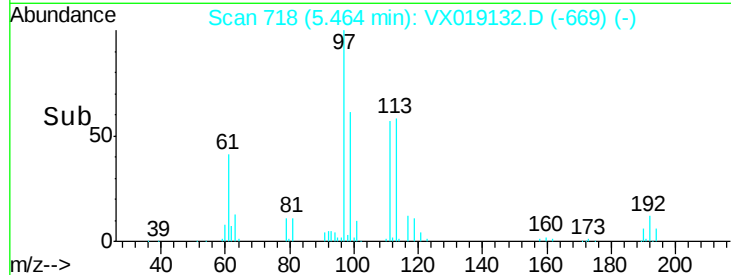
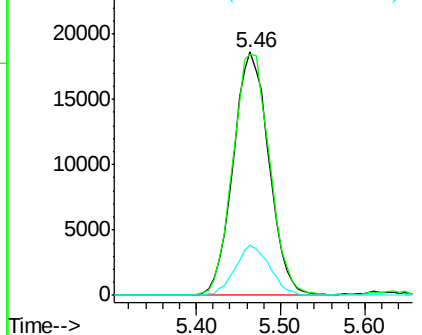


Abundance

Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 19.902 ug/l

RT: 5.77 min Scan# 768

Delta R.T. -0.00 min

Lab File: VX019132.D

Acq: 27 Oct 2020 12:18

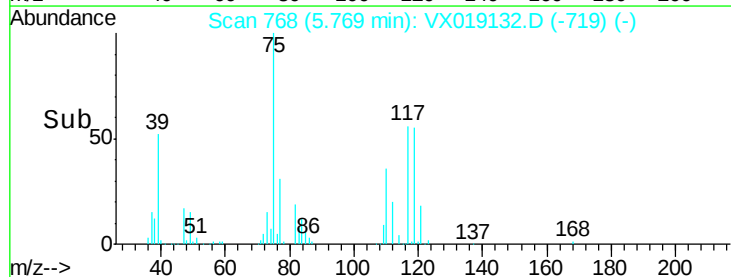
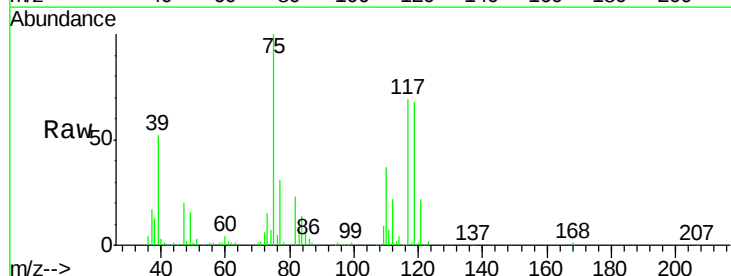
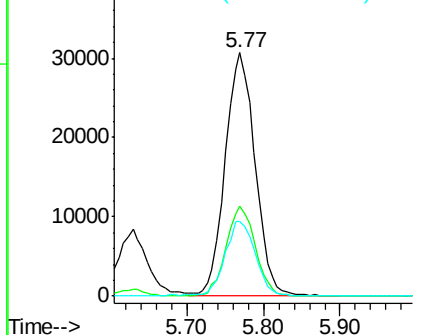
Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.1	18.3	54.9
77	31.4	24.9	37.3

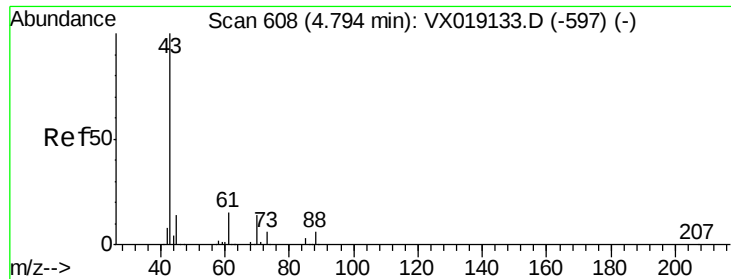
Abundance

Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





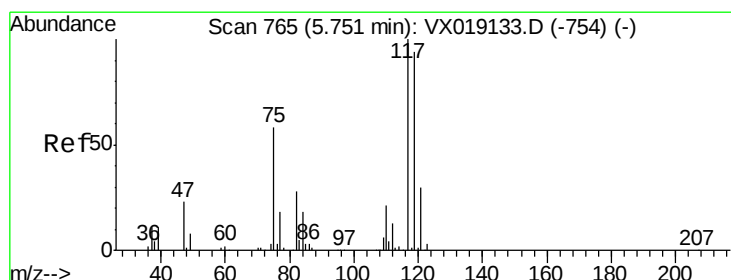
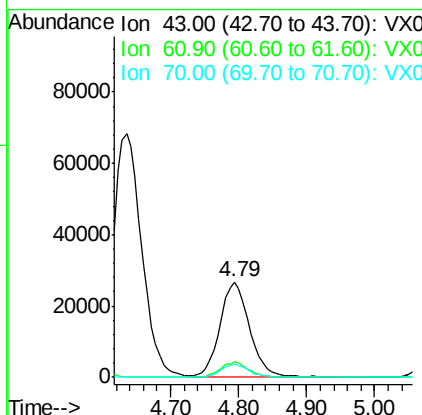
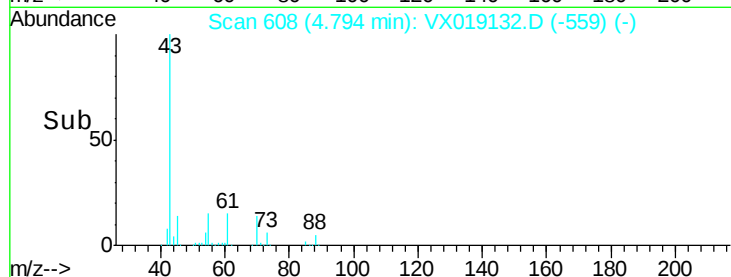
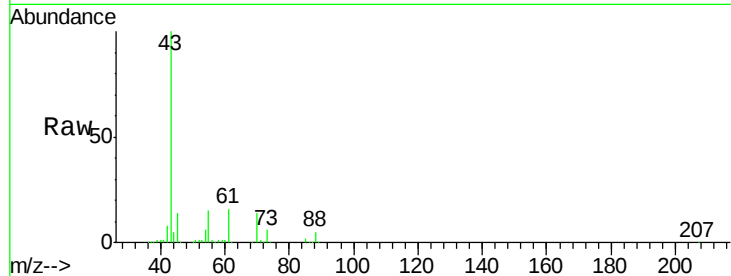
#37
Ethyl Acetate
Concen: 21.533 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX019132.D
Acq: 27 Oct 2020 12:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.3	12.5	18.7
70	13.2	10.5	15.7

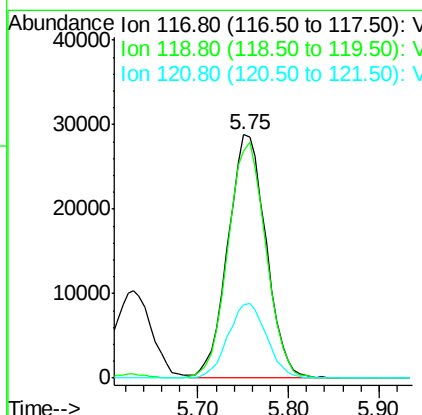
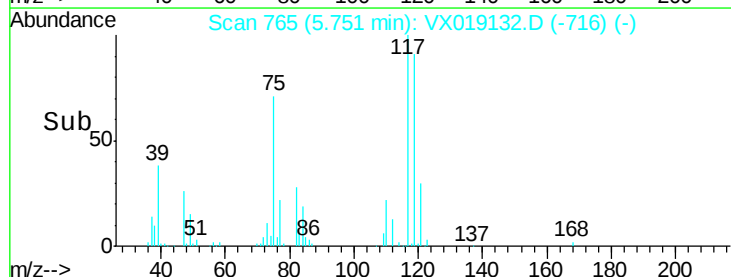
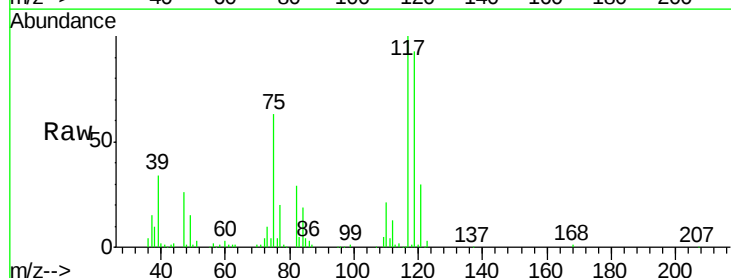
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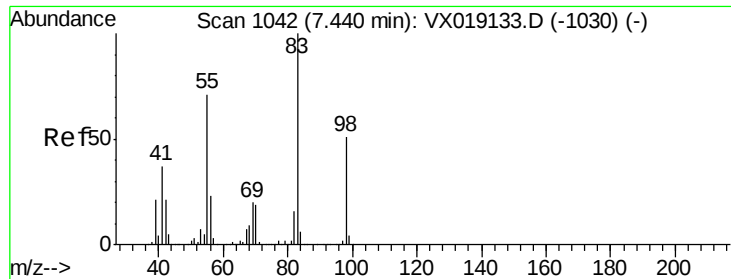
MMDadoda
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#38
Carbon Tetrachloride
Concen: 19.526 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX019132.D
Acq: 27 Oct 2020 12:18

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.2	75.0	112.6
121	30.3	23.9	35.9





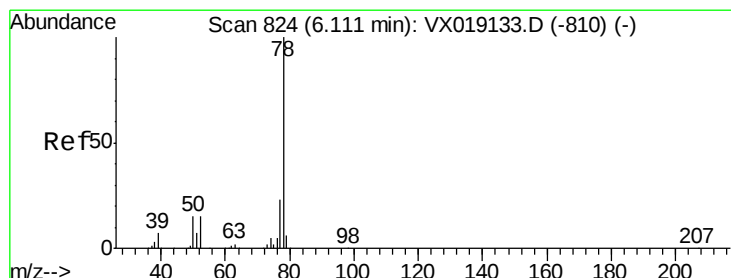
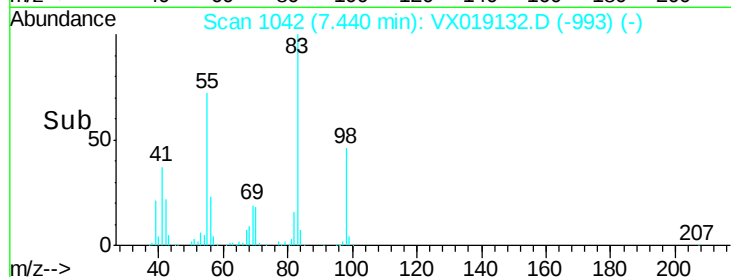
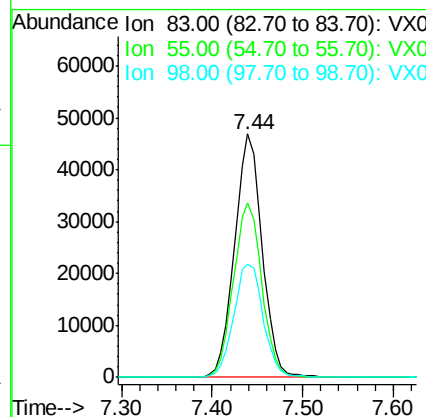
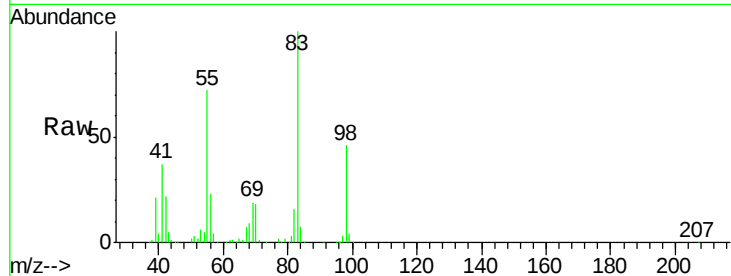
#39
Methvlcvclohexane
Concen: 19.333 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX019132.D
Acq: 27 Oct 2020 12:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
83	100		
55	71.4	57.0	85.6
98	46.2	40.5	60.7

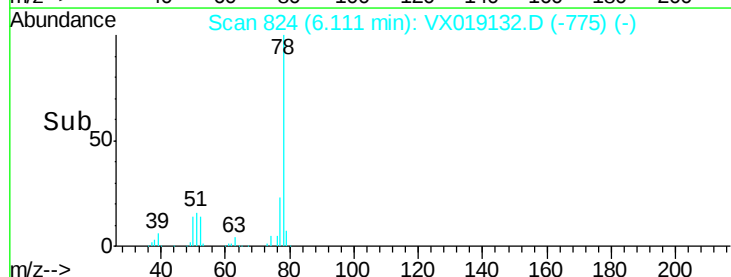
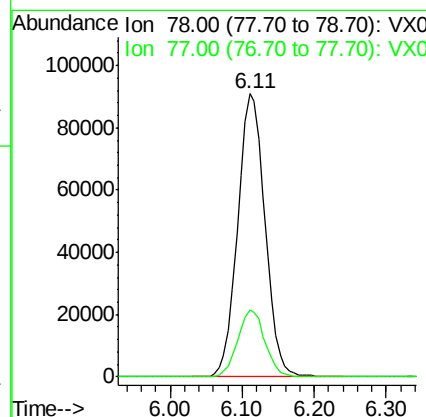
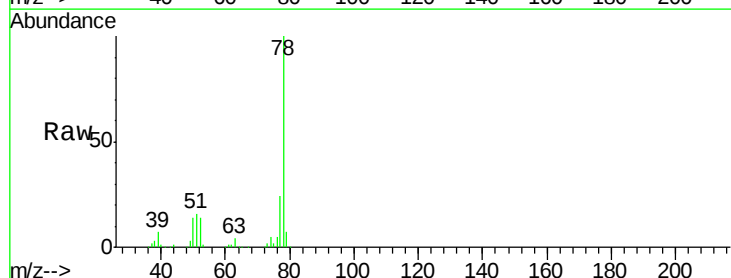
Manual Integrations
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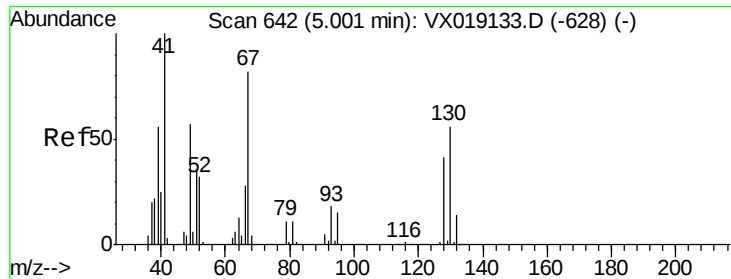
MMDadoda
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#40
Benzene
Concen: 19.502 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX019132.D
Acq: 27 Oct 2020 12:18

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	18.7	28.1





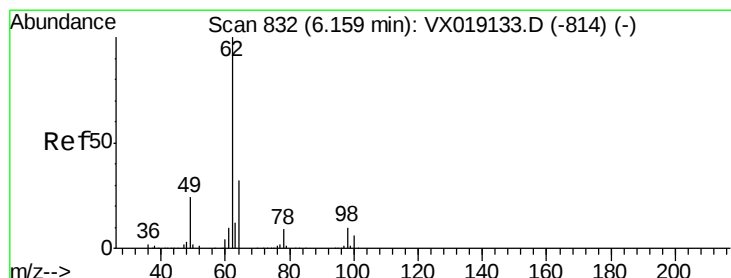
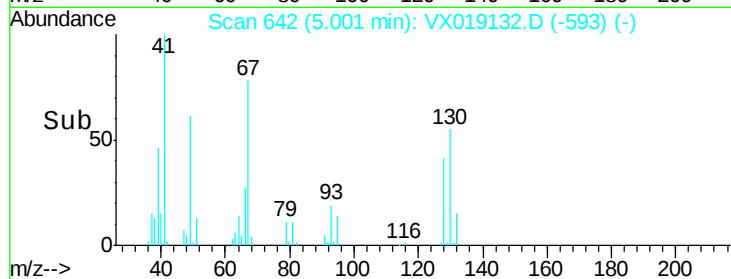
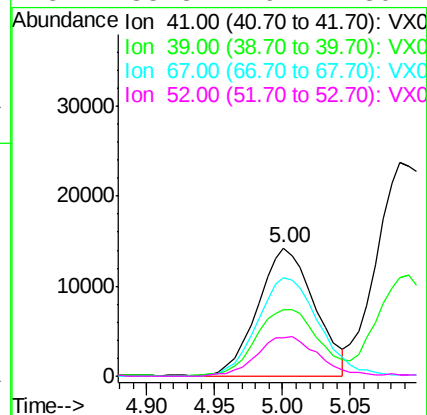
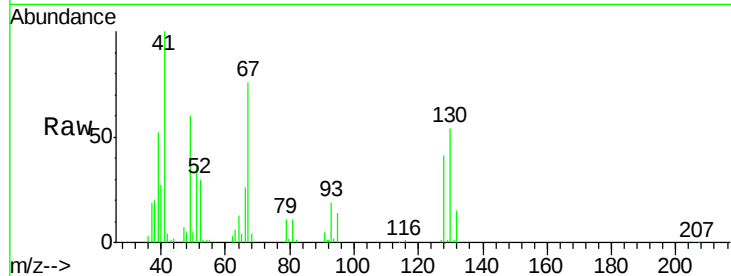
#41
Methacrylonitrile
Concen: 21.933 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.00 min
Lab File: VX019132.D
Acq: 27 Oct 2020 12:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		41816		
39	58.5	44.4	66.6		
67	83.0	66.4	99.6		
52	33.3	26.2	39.4		

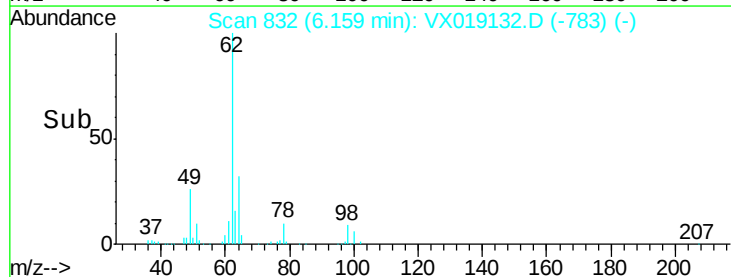
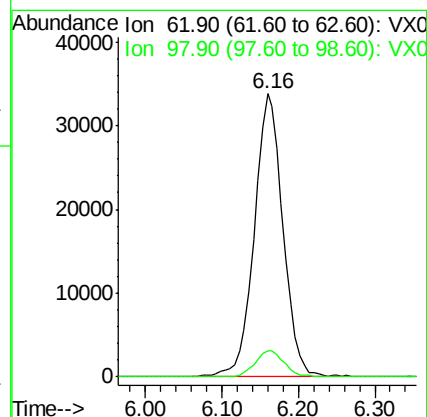
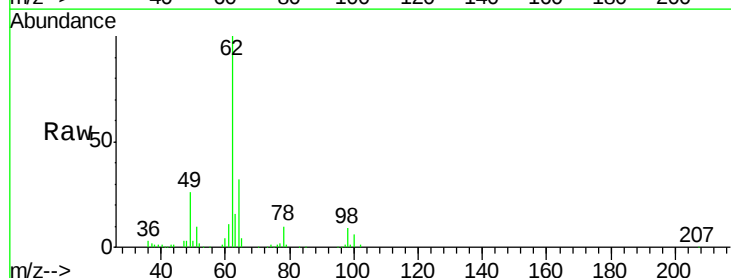
Manual Integrations
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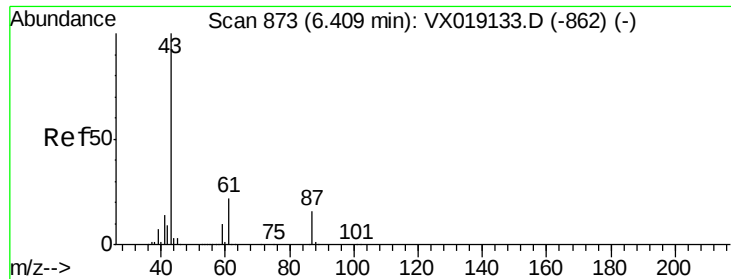
MMDadoda
10/28/2020 12:33:16 PM



#42
1,2-Dichloroethane
Concen: 21.007 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.00 min
Lab File: VX019132.D
Acq: 27 Oct 2020 12:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		88125		
98	9.4	0.0	19.0		





#43

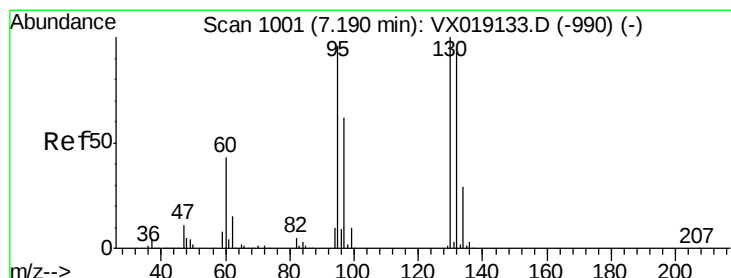
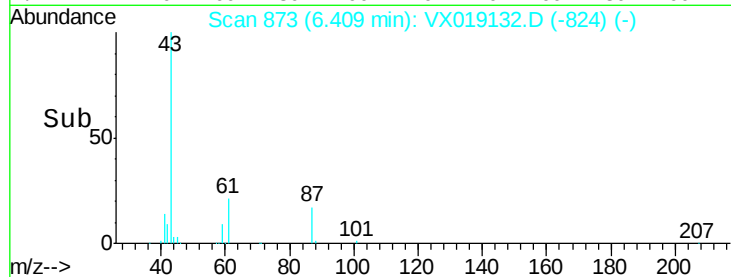
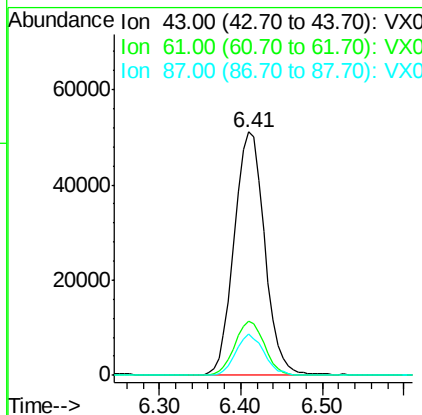
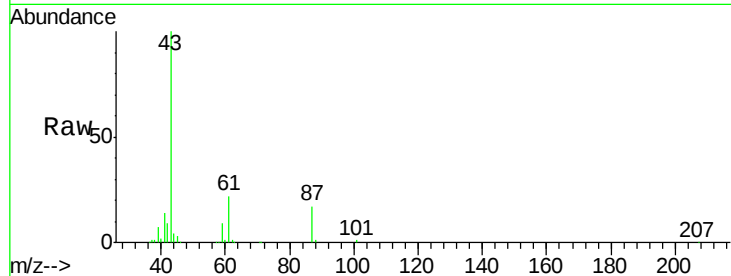
Isopropyl Acetate
 Concen: 21.770 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. -0.00 min
 Lab File: VX019132.D
 Acq: 27 Oct 2020 12:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Lower	Upper
43	100		
61	21.9	17.8	26.6
87	15.7	12.6	19.0

Manual Integrations
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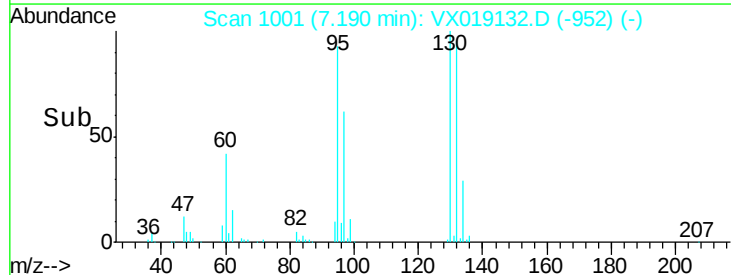
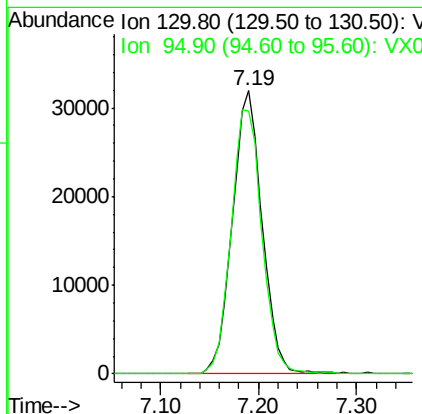
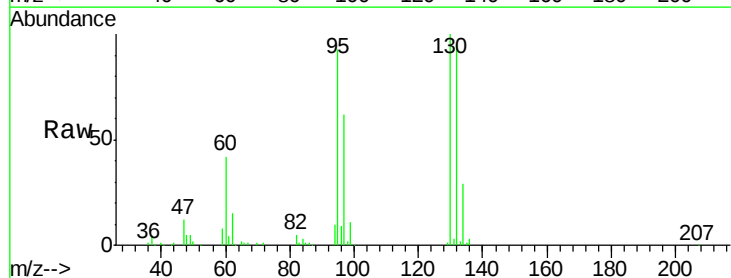
MMDadoda
 10/28/2020 12:33:16 PM

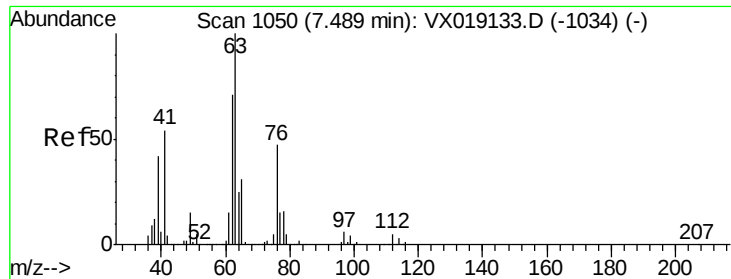


#44

Trichloroethene
 Concen: 19.173 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX019132.D
 Acq: 27 Oct 2020 12:18

Tgt Ion	Ratio	Lower	Upper
130	100		
95	92.9	0.0	192.0





#45

1,2-Dichloropropane

Concen: 20.451 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX019132.D

Acq: 27 Oct 2020 12:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 63 Resp: 59033

Ion Ratio Lower Upper

63 100

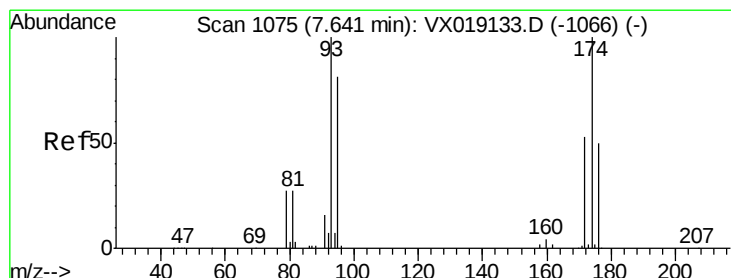
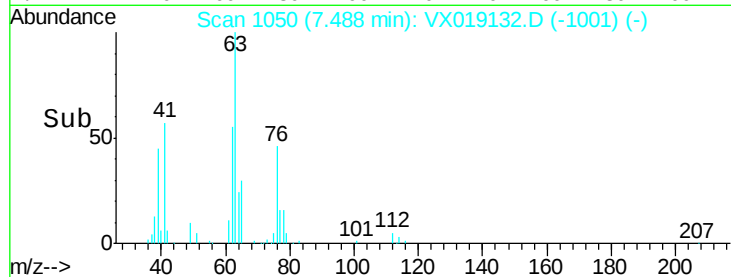
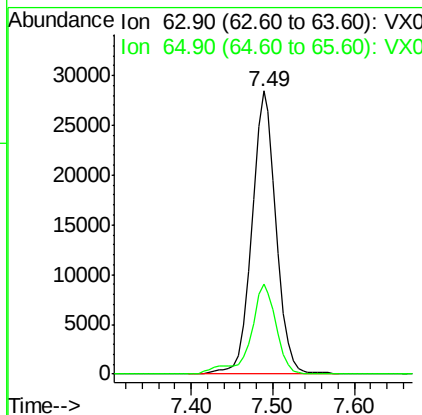
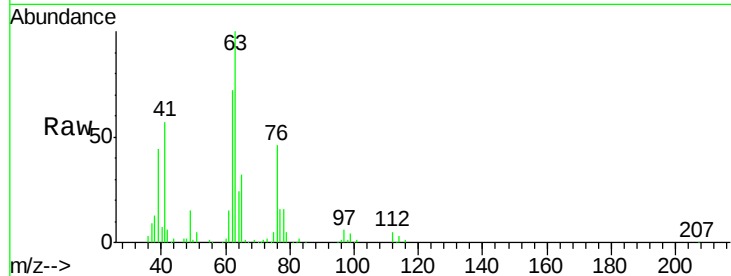
65 31.6 25.2 37.8

Manual Integrations

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#46

Dibromomethane

Concen: 19.685 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX019132.D

Acq: 27 Oct 2020 12:18

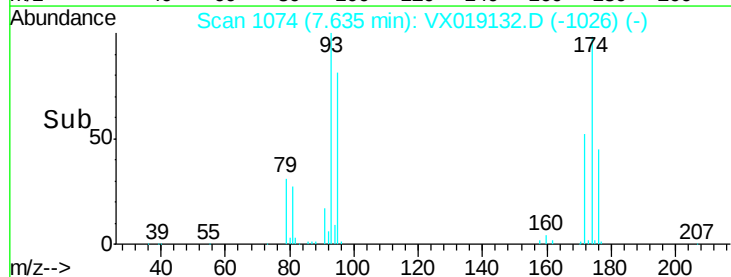
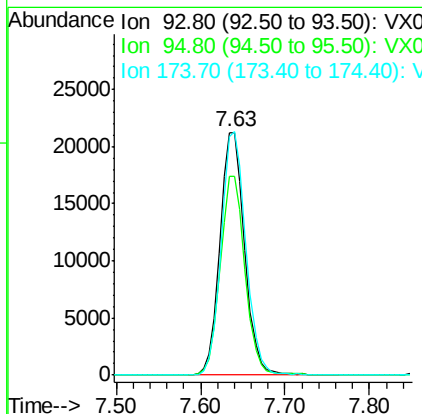
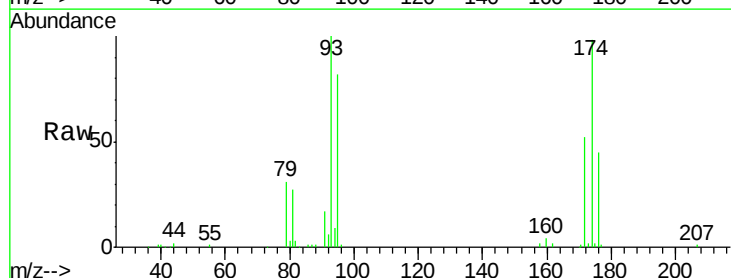
Tgt Ion: 93 Resp: 42809

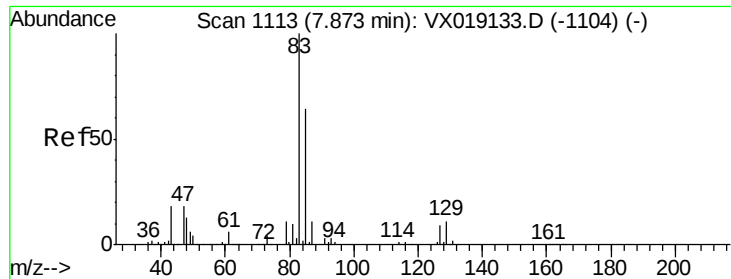
Ion Ratio Lower Upper

93 100

95 82.0 67.0 100.6

174 100.0 81.7 122.5





#47

Bromodichloromethane

Concen: 20.004 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VX019132.D

Acq: 27 Oct 2020 12:18

Instrument :

MSVOA_X

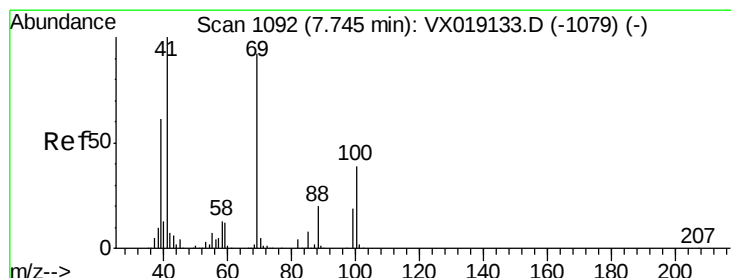
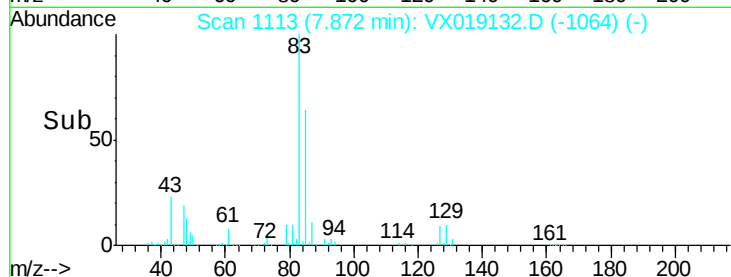
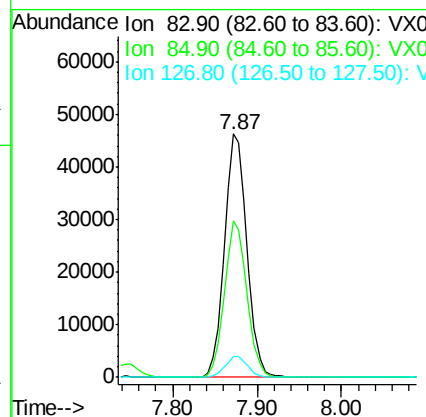
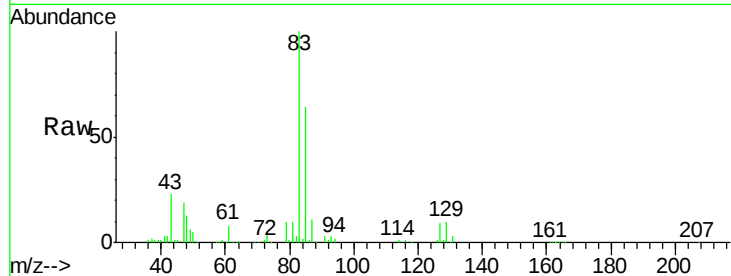
ClientSampleId :

VSTDIC020

Tot Ion:	83	Resp:	85075
Ion	Ratio	Lower	Upper
83	100		
85	64.1	51.2	76.8
127	8.6	7.1	10.7

Manual Integrations
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#48

Methyl methacrylate

Concen: 22.719 ug/l

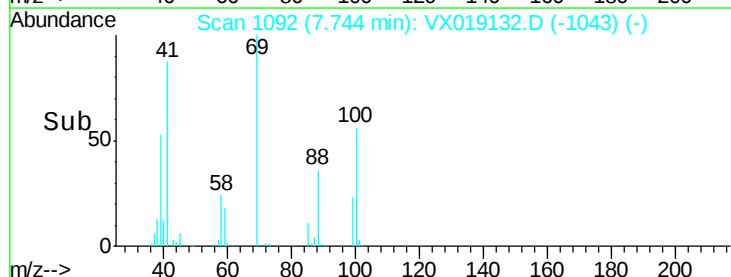
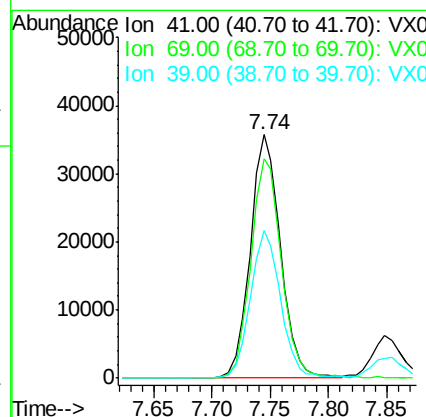
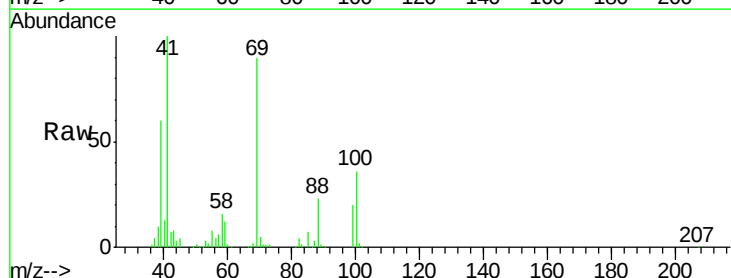
RT: 7.74 min Scan# 1092

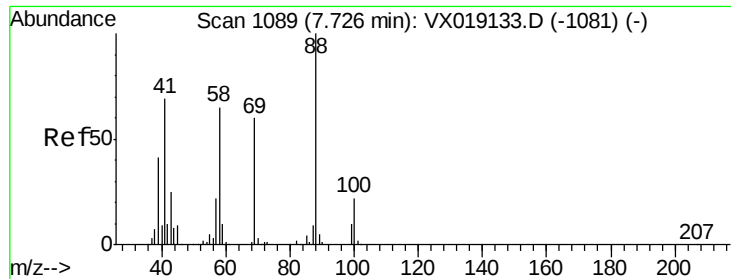
Delta R.T. -0.00 min

Lab File: VX019132.D

Acq: 27 Oct 2020 12:18

Tgt Ion:	41	Resp:	64746
Ion	Ratio	Lower	Upper
41	100		
69	91.1	75.5	113.3
39	59.6	48.9	73.3





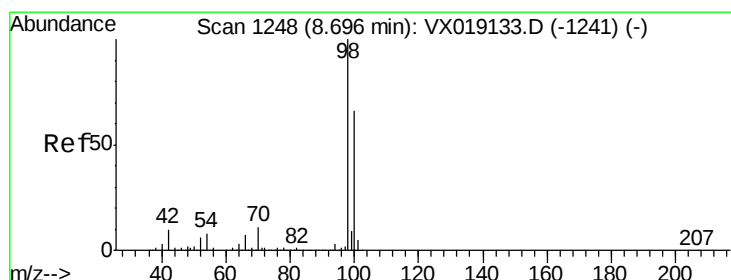
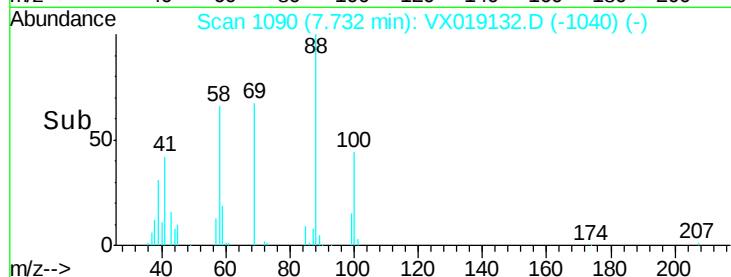
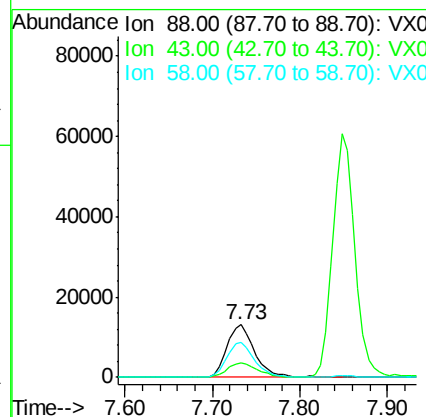
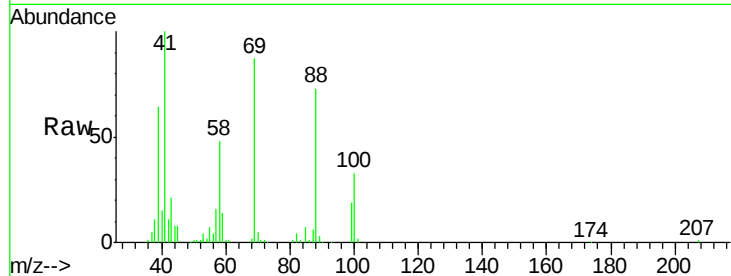
#49
1,4-Dioxane
Concen: 390.592 ug/l
RT: 7.73 min Scan# 1090
Delta R.T. 0.01 min
Lab File: VX019132.D
Acq: 27 Oct 2020 12:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
88	100		
43	29.6	23.0	34.6
58	66.9	52.2	78.2

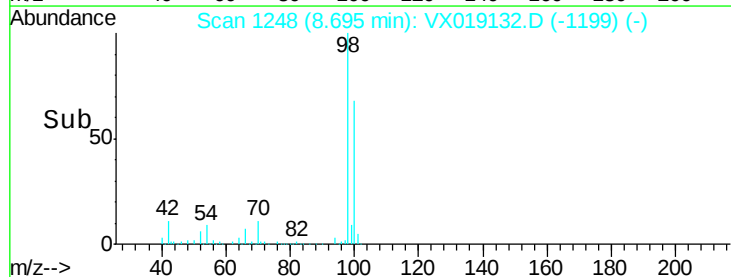
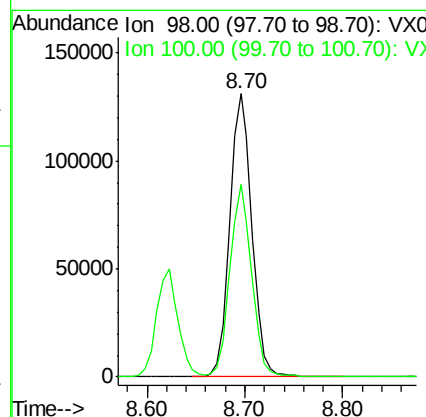
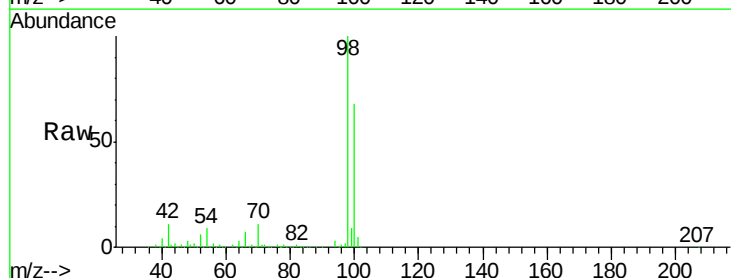
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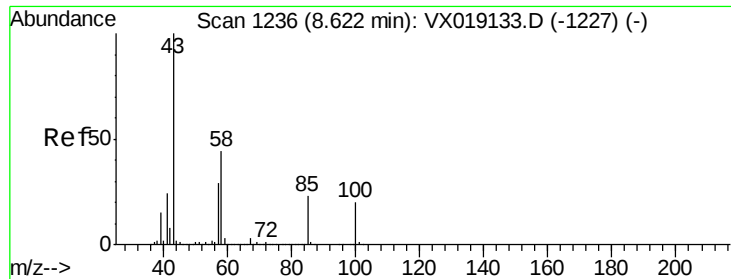
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#50
Toluene-d8
Concen: 18.073 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX019132.D
Acq: 27 Oct 2020 12:18

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.2	53.0	79.6





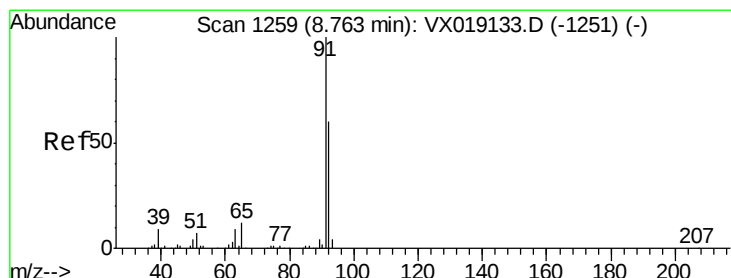
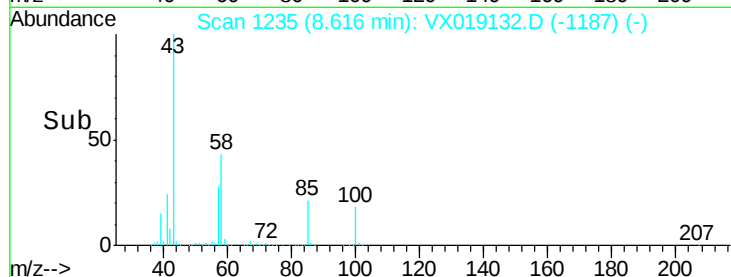
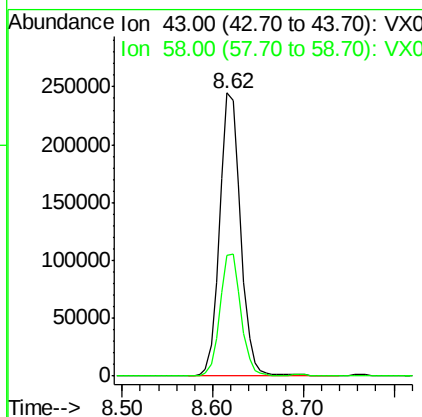
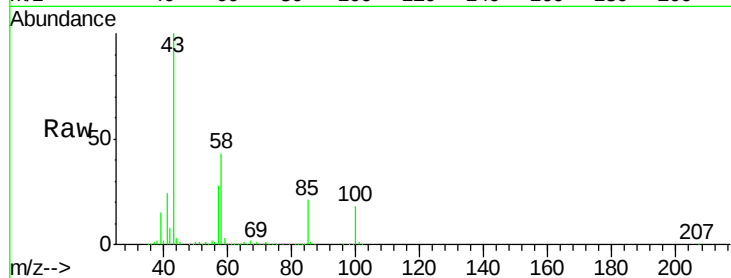
#51
4-Methyl-2-Pentanone
Concen: 111.746 ug/l
RT: 8.62 min Scan# 1235
Delta R.T. -0.01 min
Lab File: VX019132.D
Acq: 27 Oct 2020 12:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
43	100		
58	43.1	35.0	52.4

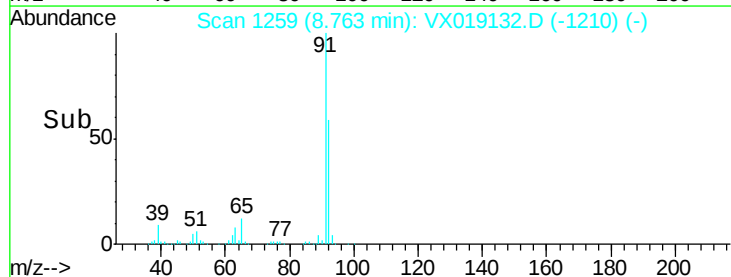
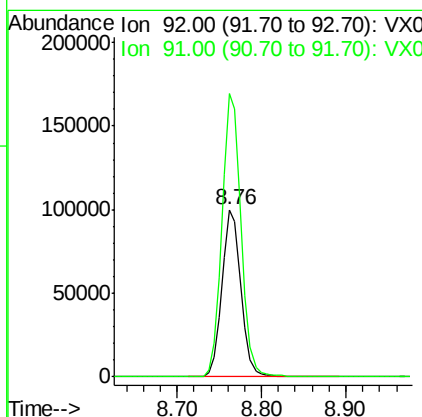
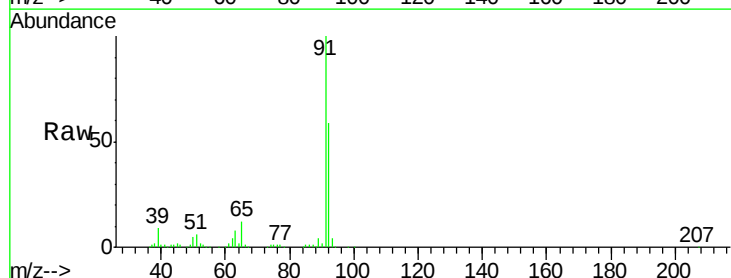
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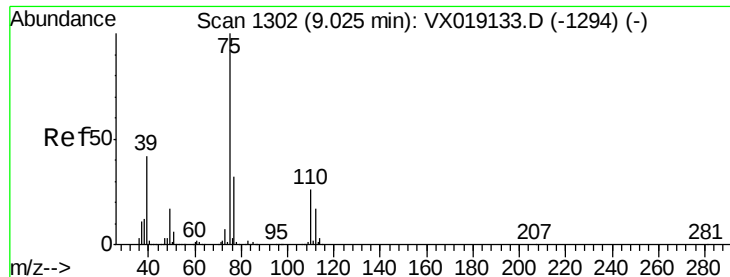
MMDadoda
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#52
Toluene
Concen: 19.606 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. -0.00 min
Lab File: VX019132.D
Acq: 27 Oct 2020 12:18

Tgt Ion	Ratio	Lower	Upper
92	100		
91	170.5	136.3	204.5





#53

t-1,3-Dichloropropene

Concen: 20.256 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX019132.D

Acq: 27 Oct 2020 12:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 75 Resp: 95219

Ion Ratio Lower Upper

75 100

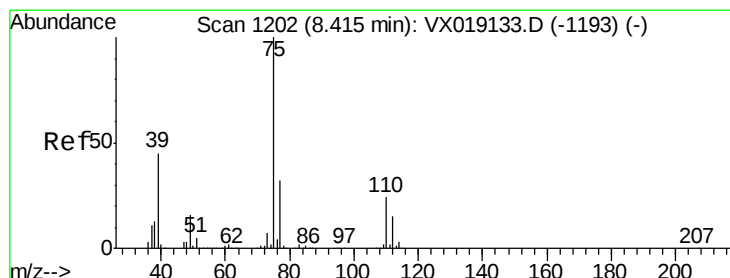
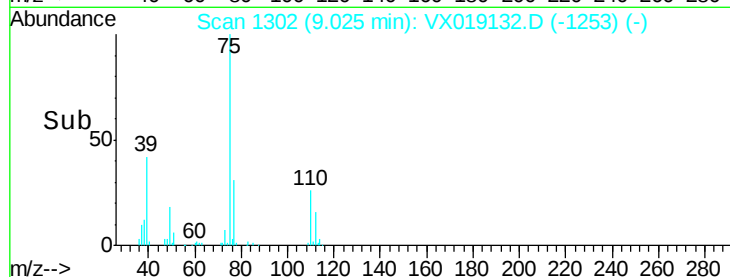
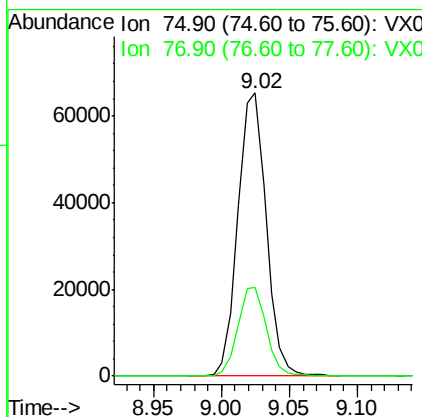
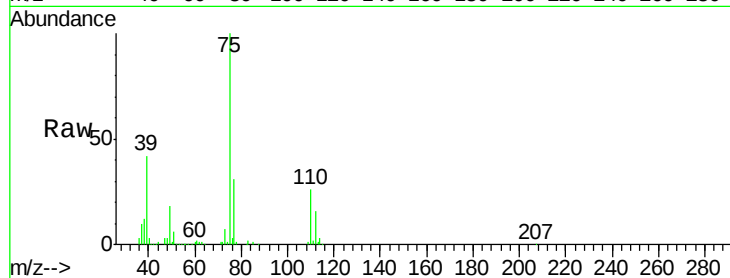
77 31.2 25.4 38.0

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#54

cis-1,3-Dichloropropene

Concen: 20.203 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX019132.D

Acq: 27 Oct 2020 12:18

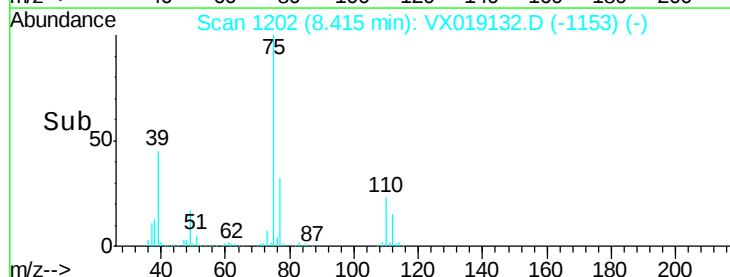
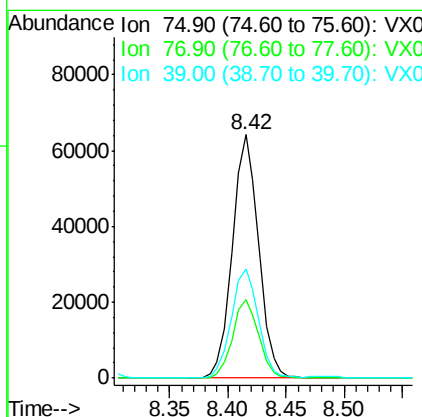
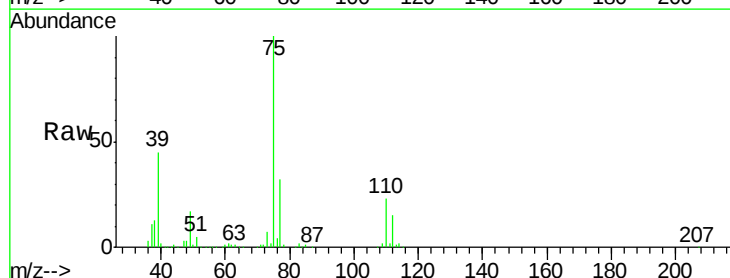
Tgt Ion: 75 Resp: 101139

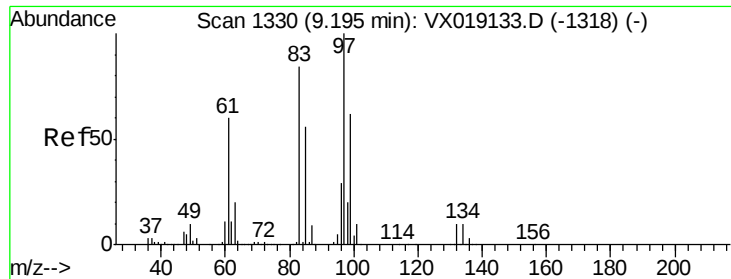
Ion Ratio Lower Upper

75 100

77 32.0 25.5 38.3

39 44.8 36.2 54.2





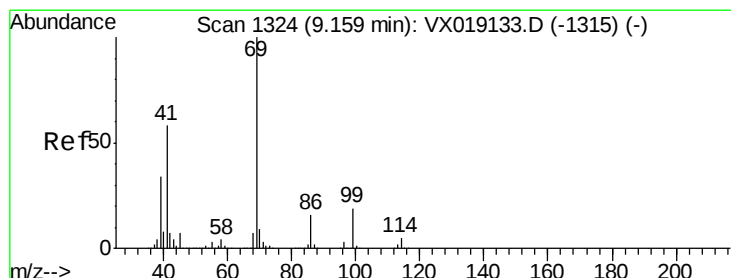
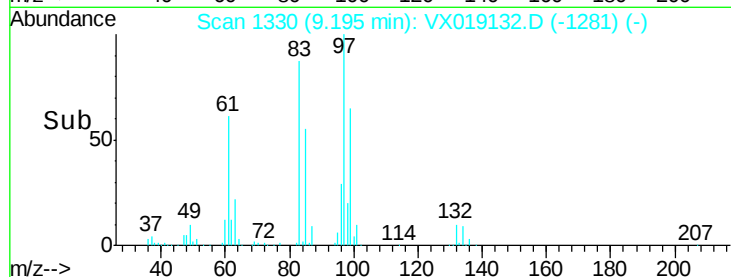
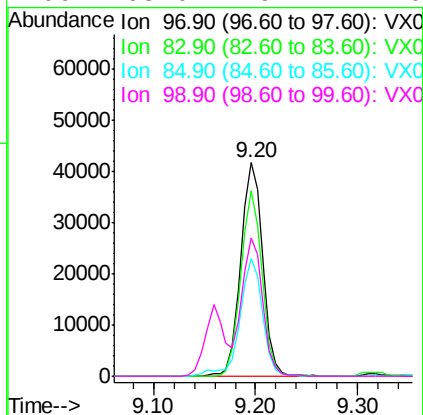
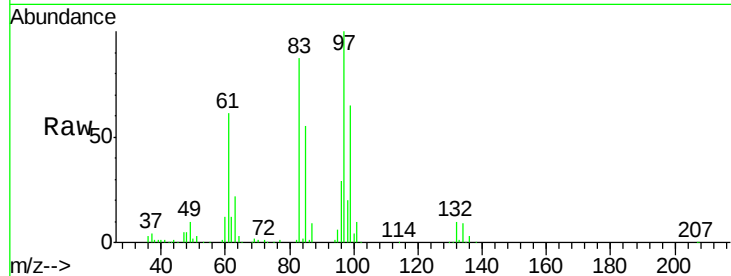
#55
 1,1,2-Trichloroethane
 Concen: 19.545 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX019132.D
 Acq: 27 Oct 2020 12:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tot Ion:	97	Resp:	61782
Ion	Ratio	Lower	Upper
97	100		
83	86.7	67.2	100.8
85	54.9	44.6	67.0
99	65.0	49.4	74.0

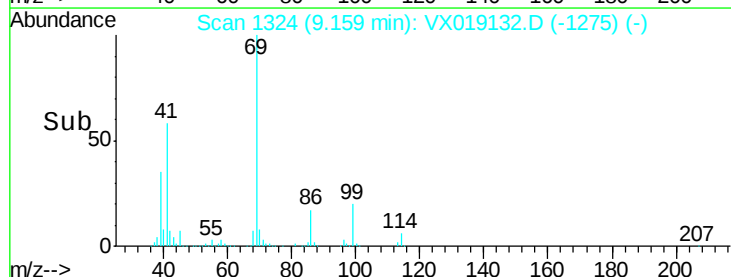
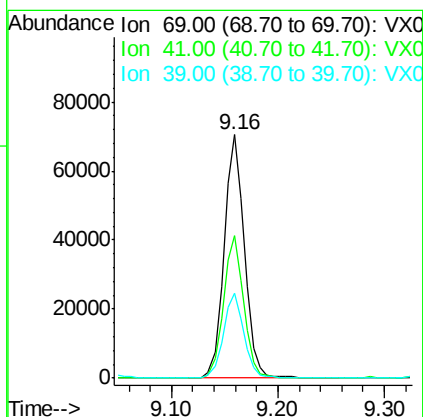
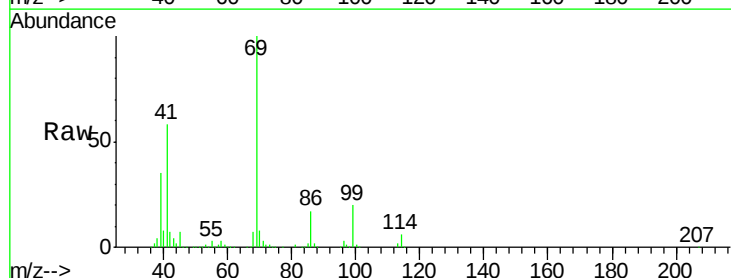
Manual Integrations
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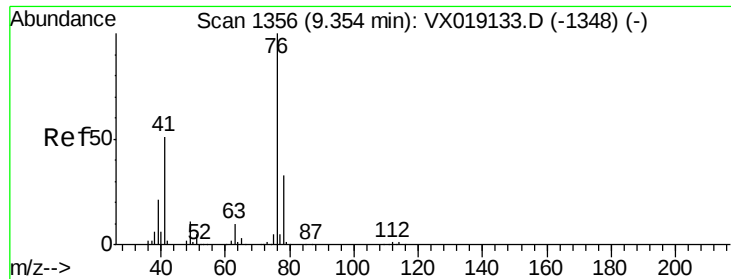
MMDadoda
 10/28/2020 12:33:16 PM



#56
 Ethyl methacrylate
 Concen: 20.569 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX019132.D
 Acq: 27 Oct 2020 12:18

Tgt Ion:	69	Resp:	93863
Ion	Ratio	Lower	Upper
69	100		
41	57.8	46.5	69.7
39	35.1	27.6	41.4





#57

1,3-Dichloropropane

Concen: 19.931 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX019132.D

Acq: 27 Oct 2020 12:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 76 Resp: 103160

Ion Ratio Lower Upper

76 100

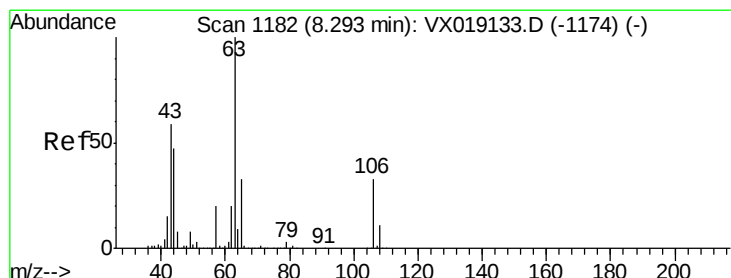
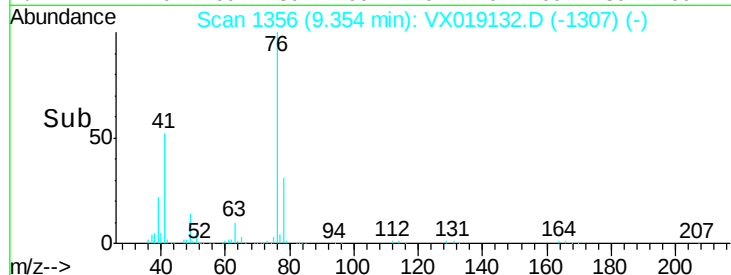
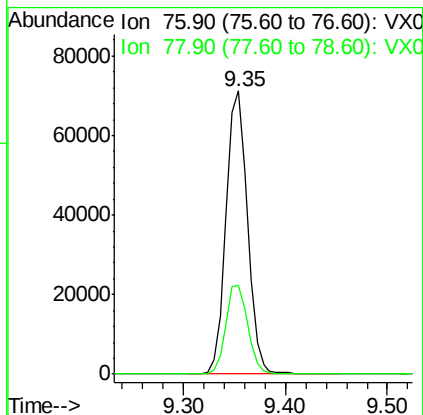
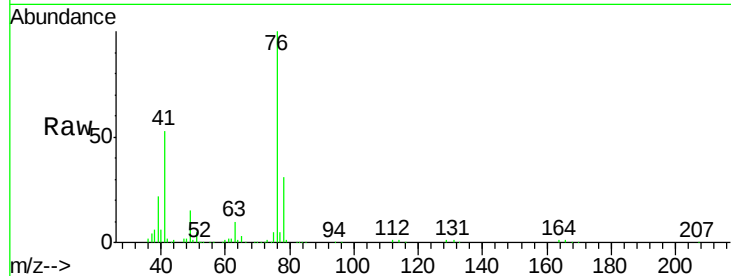
78 32.4 25.9 38.9

Manual Integrations

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10/28/2020 12:33:16 PM



#58

2-Chloroethyl Vinyl ether

Concen: 100.798 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX019132.D

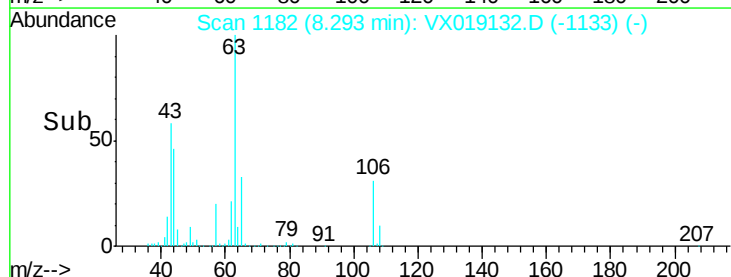
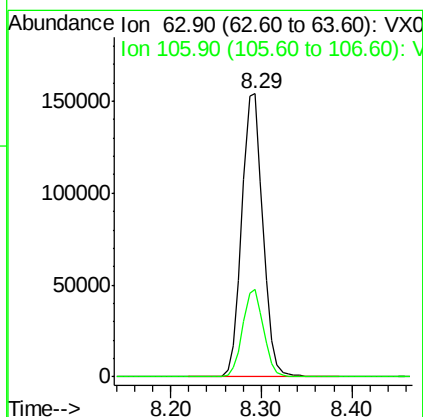
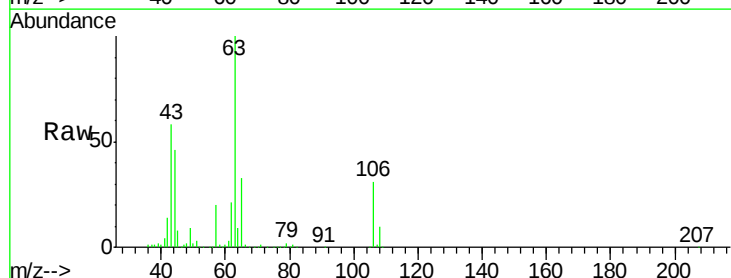
Acq: 27 Oct 2020 12:18

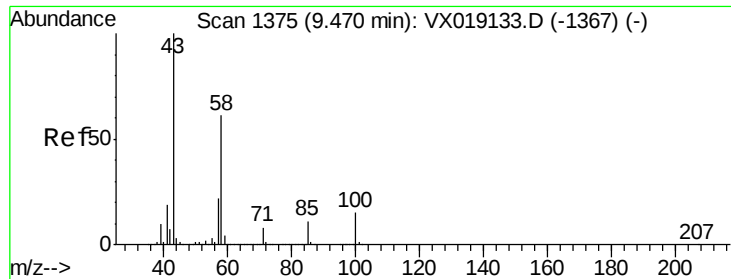
Tgt Ion: 63 Resp: 249166

Ion Ratio Lower Upper

63 100

106 30.6 25.1 37.7





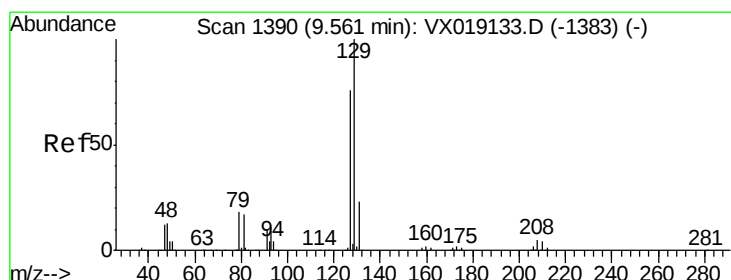
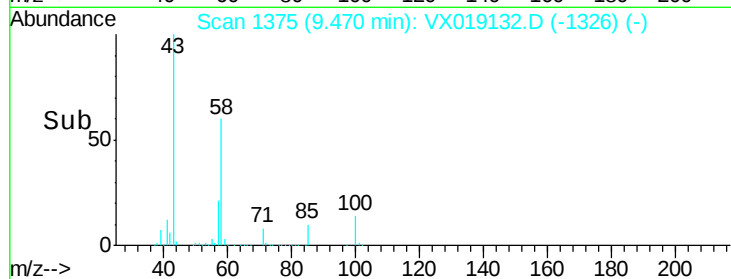
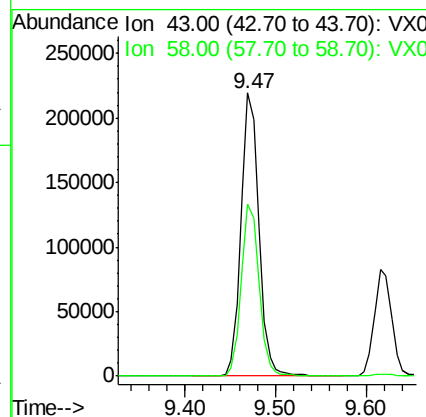
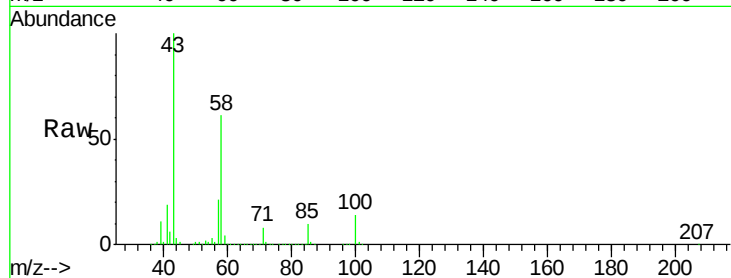
#59
2-Hexanone
Concen: 111.889 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX019132.D
Acq: 27 Oct 2020 12:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
43	100		
58	60.9	30.5	91.5

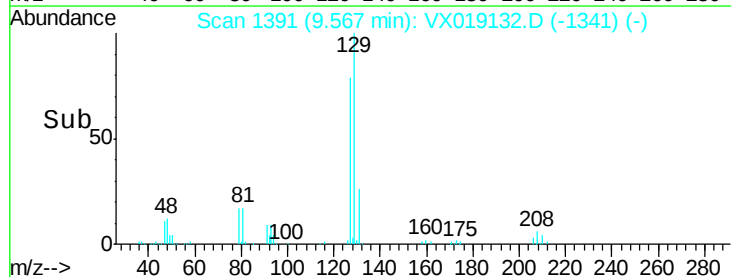
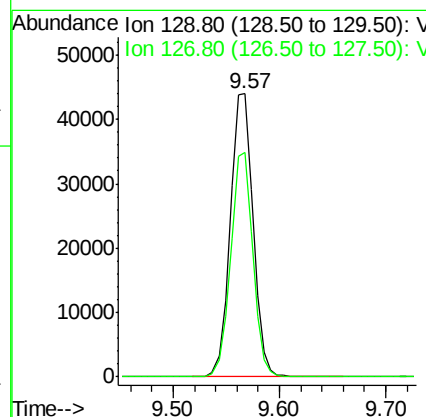
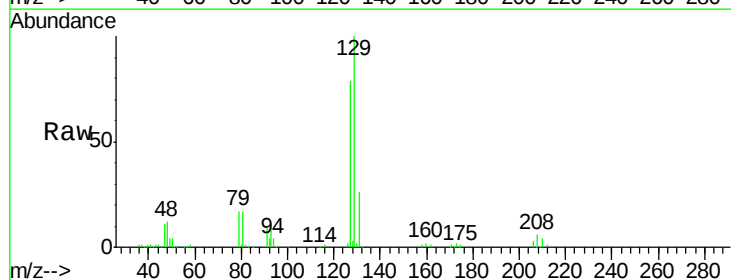
Manual Integrations
APPROVED

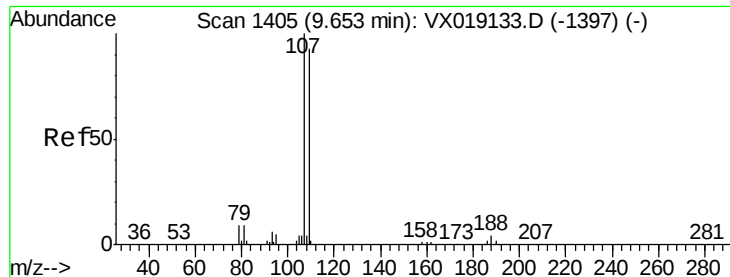
MMDadoda
10/28/2020 12:33:16 PM



#60
Dibromochloromethane
Concen: 19.698 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.01 min
Lab File: VX019132.D
Acq: 27 Oct 2020 12:18

Tgt Ion	Ratio	Lower	Upper
129	100		
127	76.8	38.6	115.8





#61

1,2-Dibromoethane

Concen: 19.387 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX019132.D

Acq: 27 Oct 2020 12:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 107 Resp: 65026

Ion Ratio Lower Upper

107 100

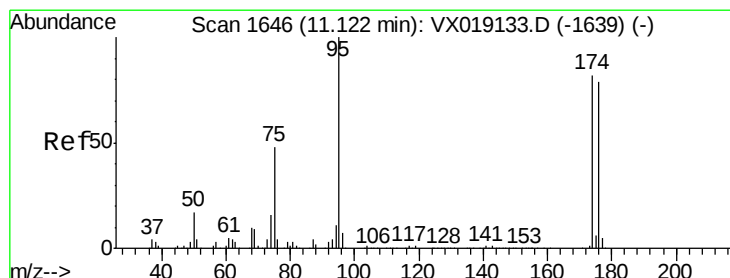
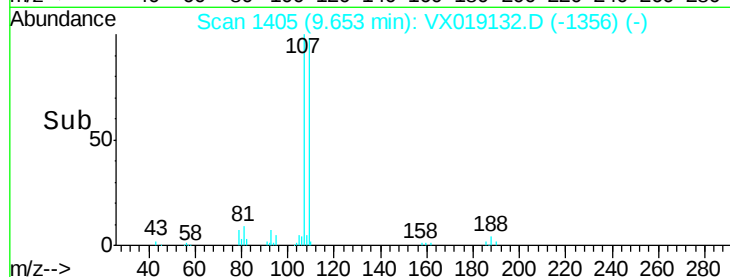
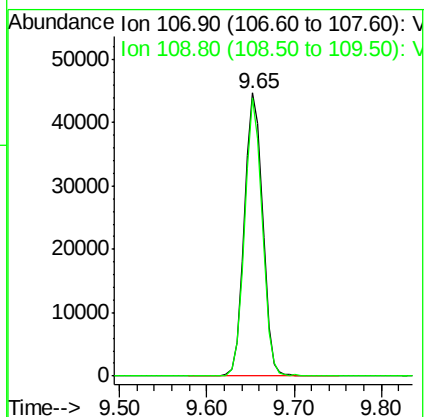
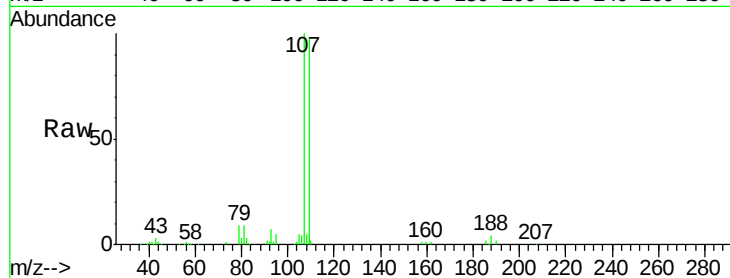
109 94.6 75.9 113.9

Manual Integrations

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MMDadoda

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#62

4-Bromofluorobenzene

Concen: 18.947 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX019132.D

Acq: 27 Oct 2020 12:18

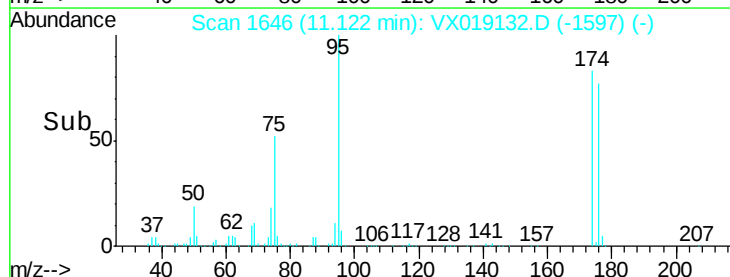
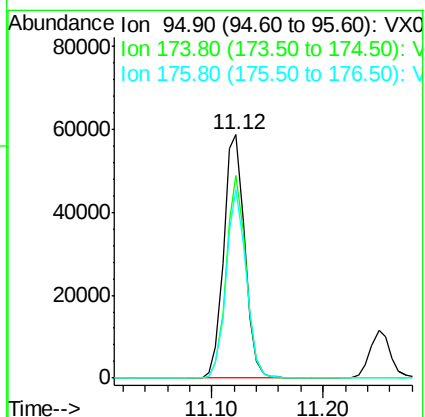
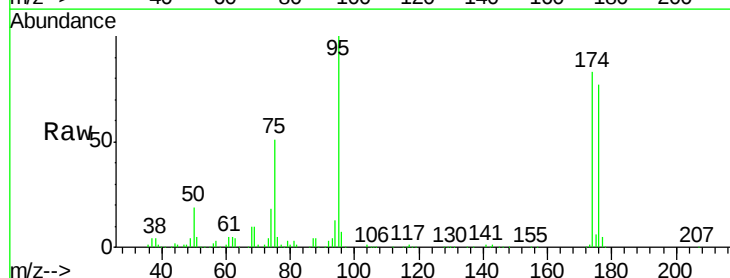
Tgt Ion: 95 Resp: 76457

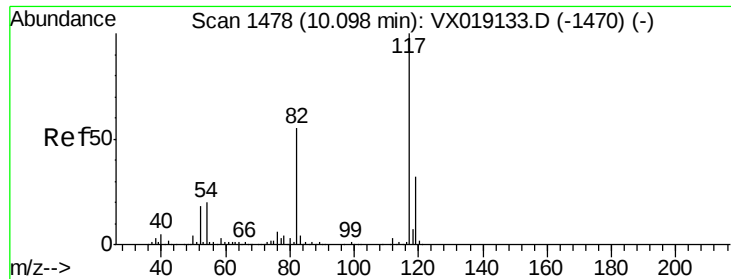
Ion Ratio Lower Upper

95 100

174 78.1 0.0 156.0

176 73.4 0.0 149.8





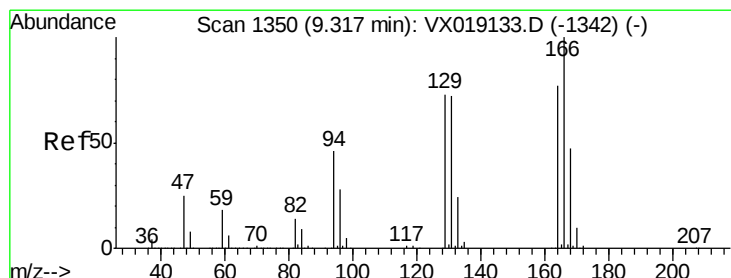
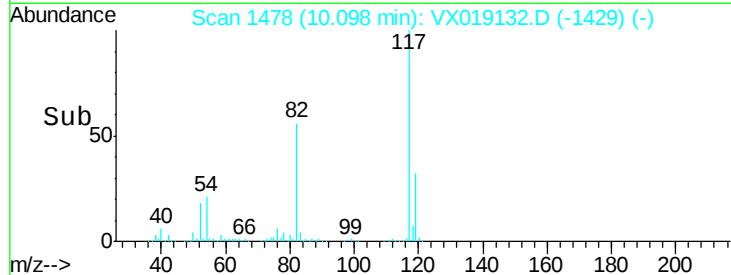
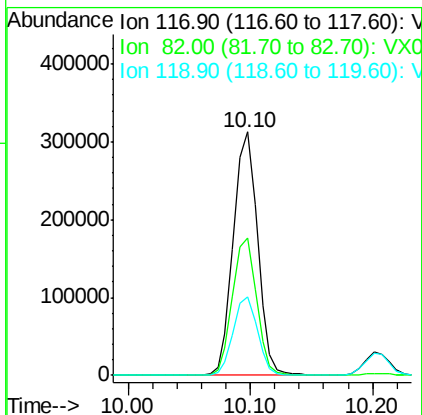
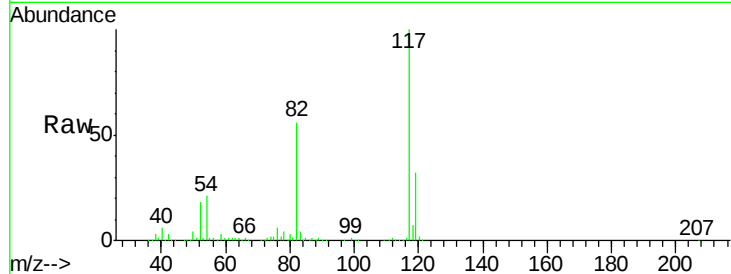
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019132.D
Acq: 27 Oct 2020 12:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Resp	Lower	Upper
117	100	429271		
82	56.4		43.6	65.4
119	32.3		25.5	38.3

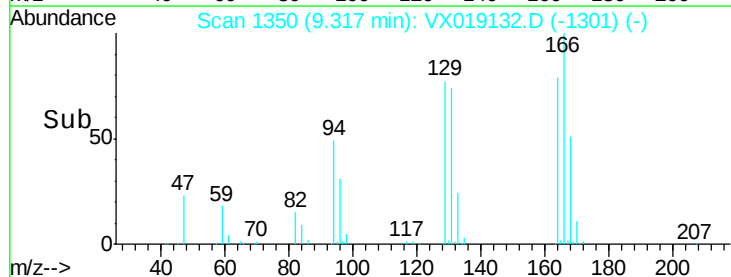
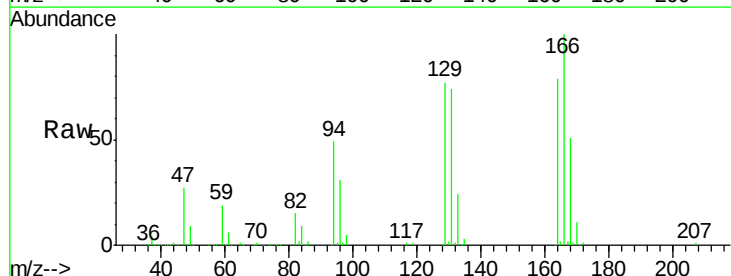
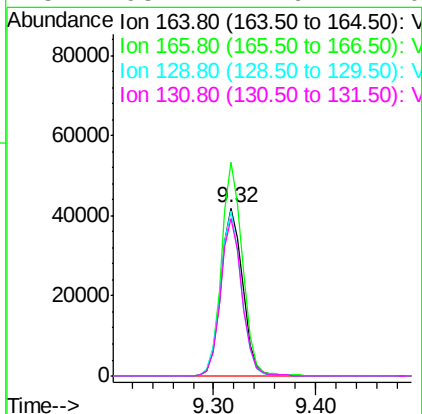
Manual Integrations
APPROVED

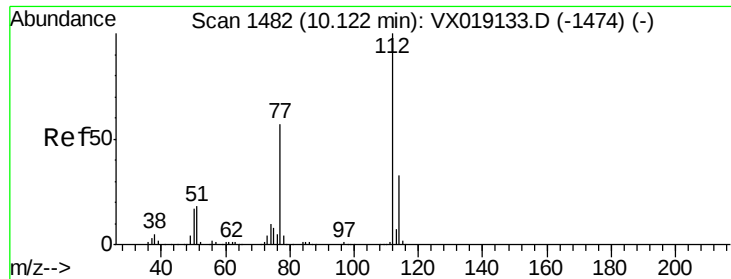
MMDadoda
10/28/2020 12:33:16 PM



#64
Tetrachloroethene
Concen: 19.028 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX019132.D
Acq: 27 Oct 2020 12:18

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	62256		
166	127.4		104.1	156.1
129	98.4		76.2	114.4
131	93.7		74.6	112.0





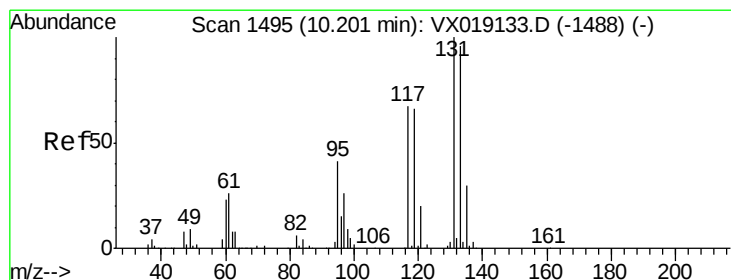
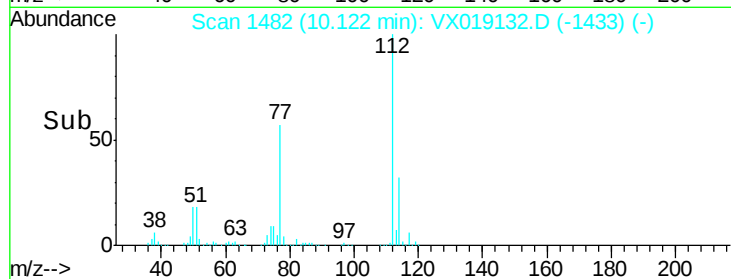
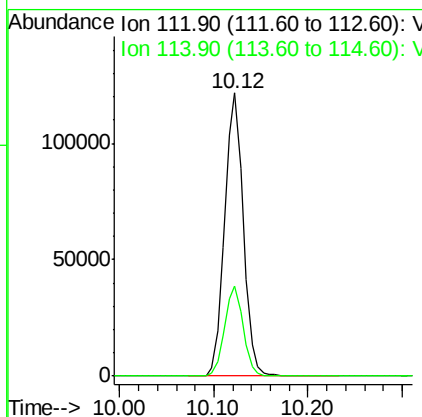
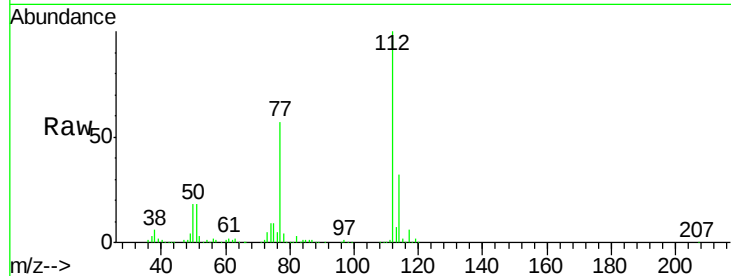
#65
Chlorobenzene
Concen: 19.454 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX019132.D
Acq: 27 Oct 2020 12:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.0	26.1	39.1

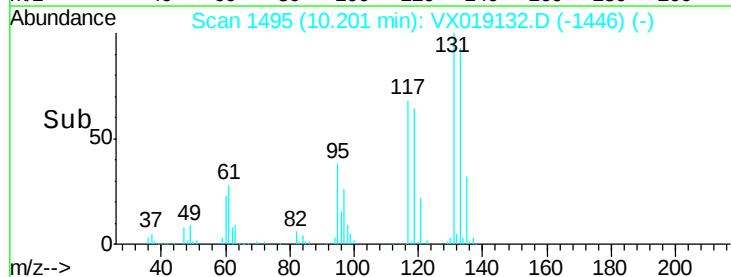
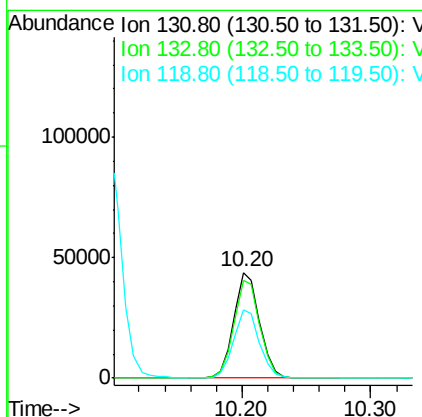
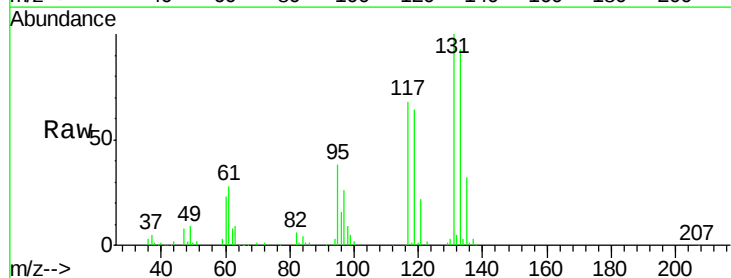
Manual Integrations
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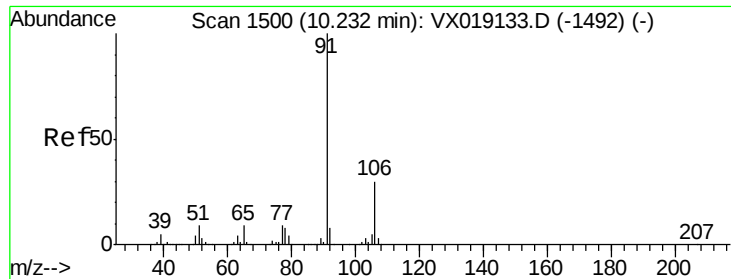
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.934 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.00 min
Lab File: VX019132.D
Acq: 27 Oct 2020 12:18

Tgt Ion	Ratio	Lower	Upper
131	100		
133	93.1	47.3	141.8
119	64.4	32.3	96.9





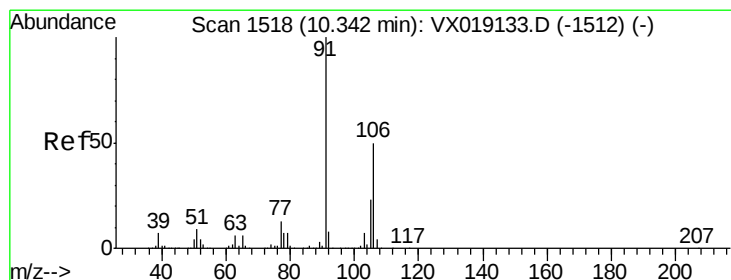
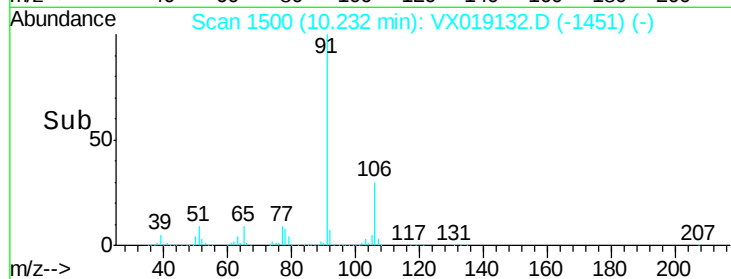
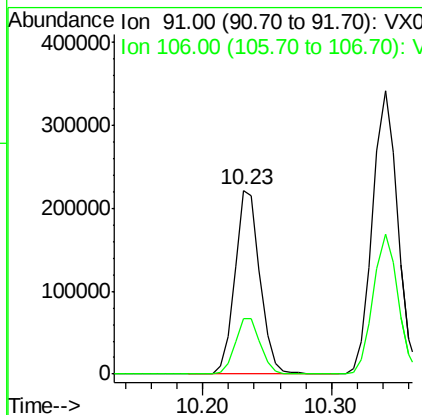
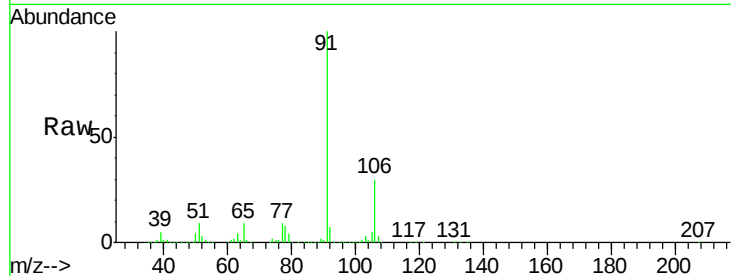
#67
Ethyl Benzene
Concen: 19.922 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. -0.00 min
Lab File: VX019132.D
Acq: 27 Oct 2020 12:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
91	100		
106	30.0	24.3	36.5

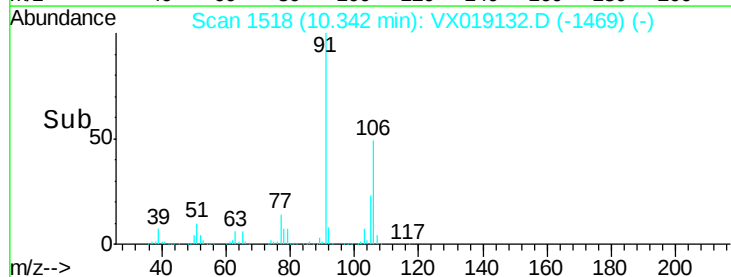
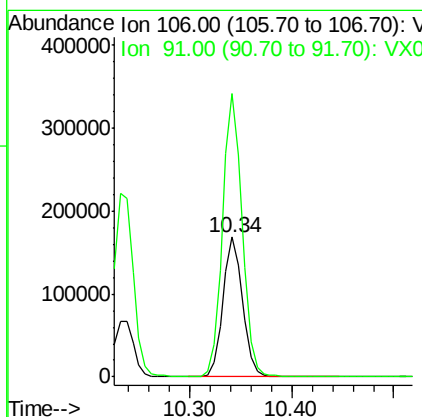
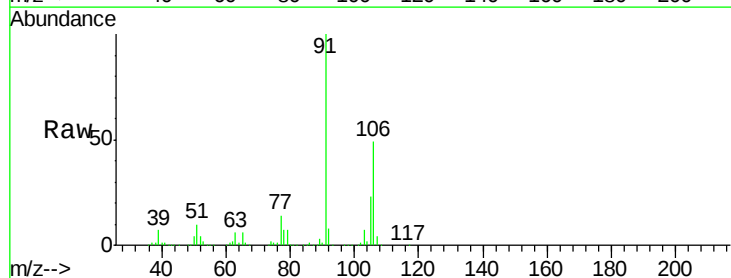
Manual Integrations
APPROVED

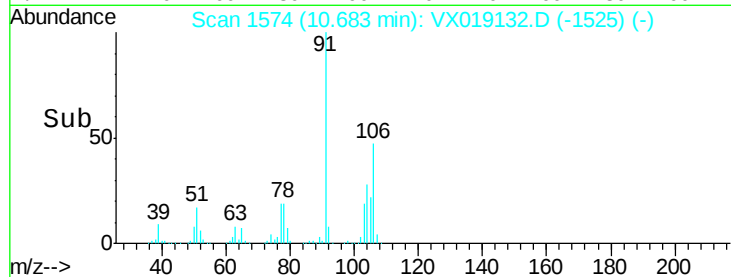
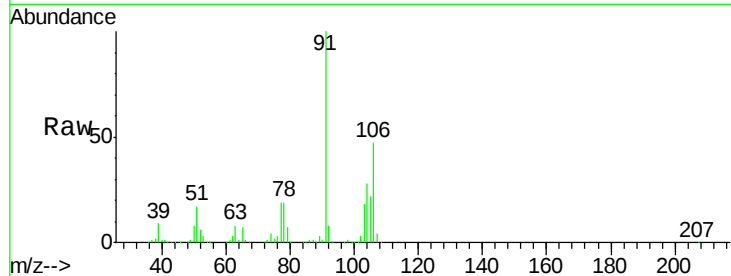
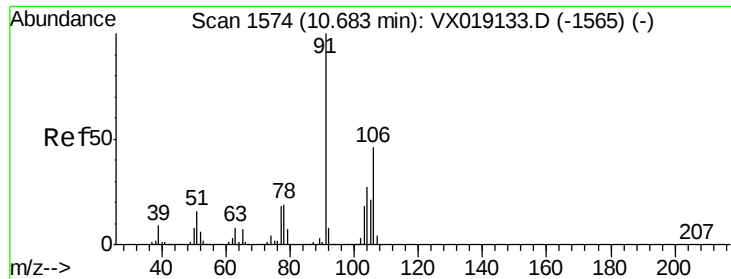
MMDadoda
10/28/2020 12:33:16 PM



#68
m/p-Xylenes
Concen: 39.076 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX019132.D
Acq: 27 Oct 2020 12:18

Tgt Ion	Ratio	Lower	Upper
106	100		
91	203.0	161.0	241.4





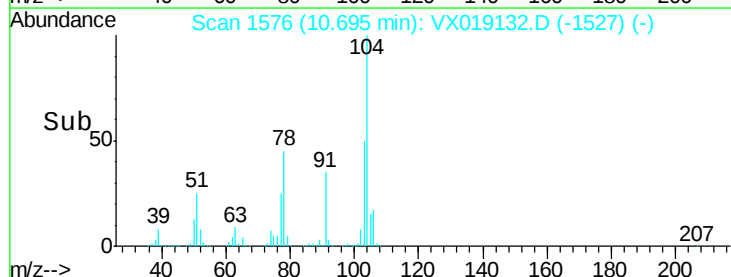
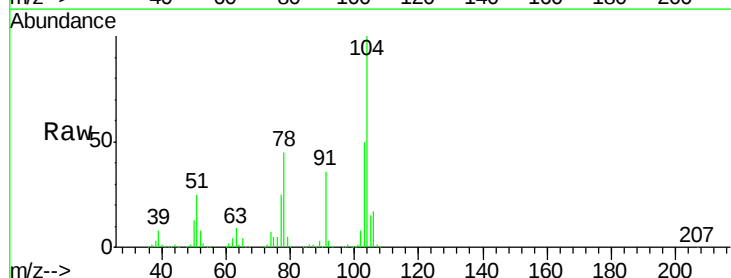
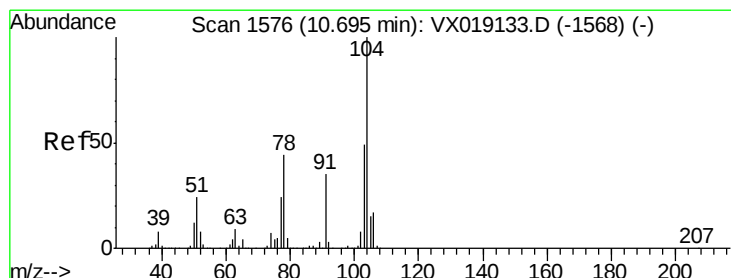
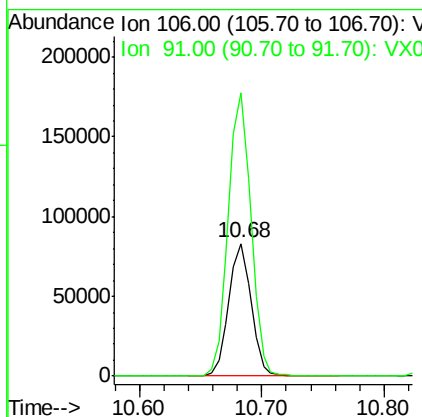
#69
o-Xylene
Concen: 19.071 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX019132.D
Acq: 27 Oct 2020 12:18

Tot Ion:106 Resp: 105372
Ion Ratio Lower Upper
106 100
91 216.8 108.3 324.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

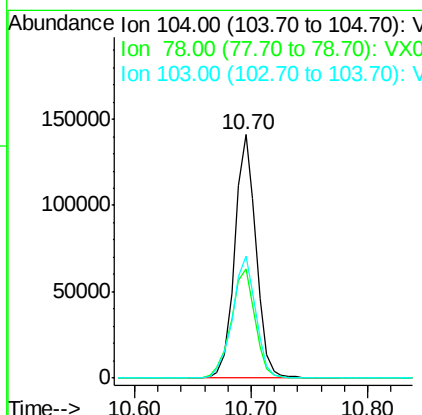
Manual Integrations
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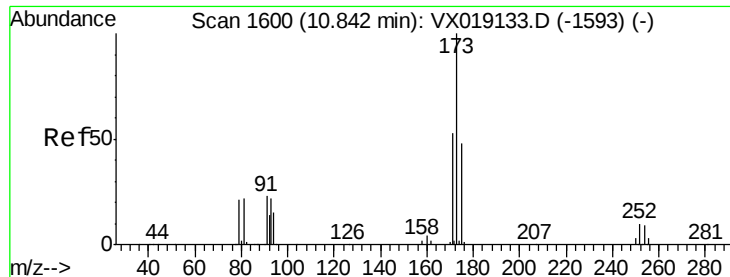
MMDadoda
10/28/2020 12:33:16 PM



#70
Styrene
Concen: 19.577 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX019132.D
Acq: 27 Oct 2020 12:18

Tgt Ion:104 Resp: 180220
Ion Ratio Lower Upper
104 100
78 50.3 40.0 60.0
103 54.3 43.5 65.3





#71

Bromoform

Concen: 19.329 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX019132.D

Acq: 27 Oct 2020 12:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion:173 Resp: 46672

Ion Ratio Lower Upper

173 100

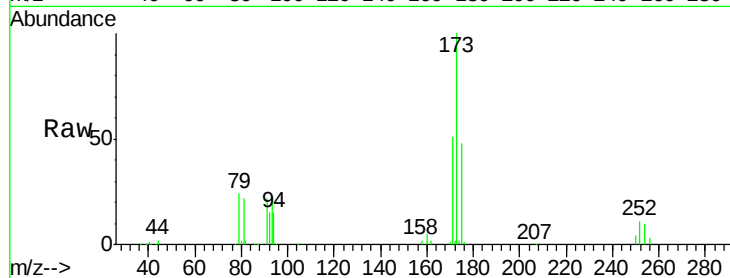
175 48.0 24.4 73.4

254 0.0 0.1 0.1#

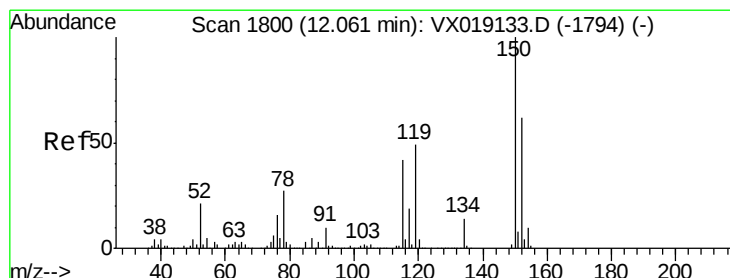
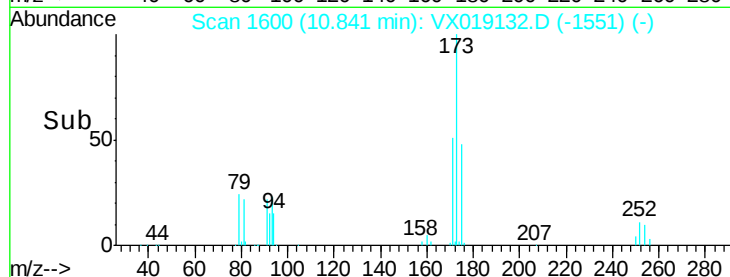
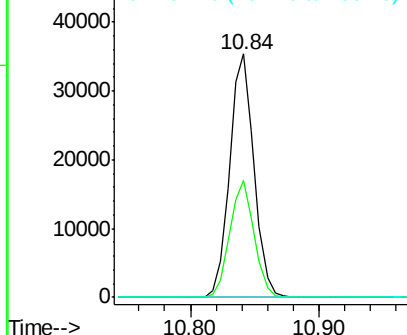
Manual Integrations
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX019132.D

Acq: 27 Oct 2020 12:18

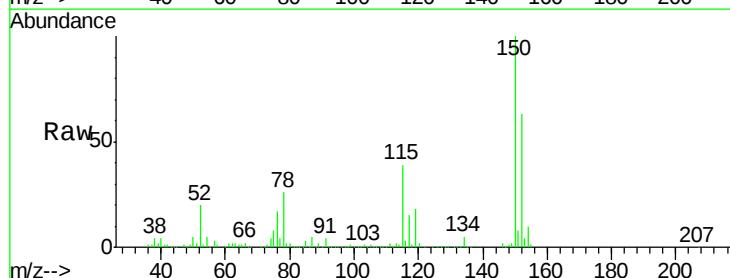
Tgt Ion:152 Resp: 213309

Ion Ratio Lower Upper

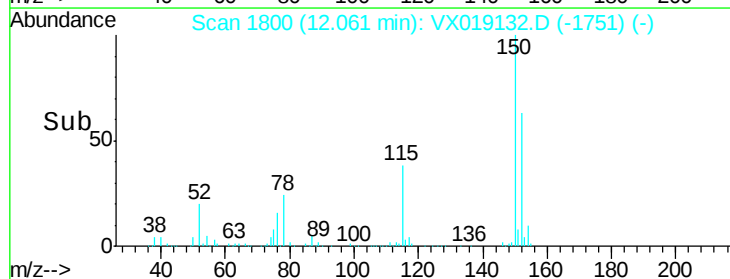
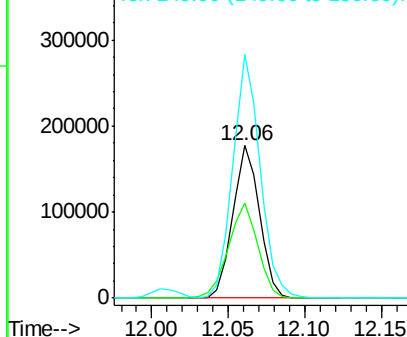
152 100

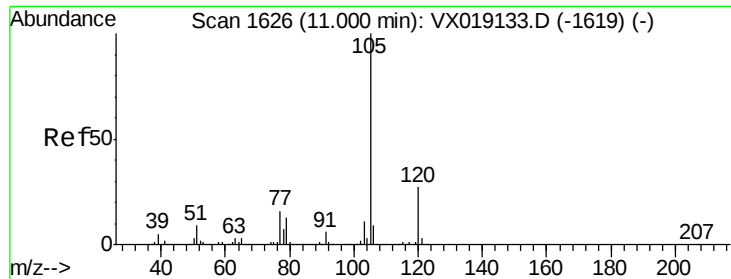
115 69.1 41.9 125.7

150 164.0 0.0 347.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.421 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX019132.D

Acq: 27 Oct 2020 12:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion:105 Resp: 292793

Ion Ratio Lower Upper

105 100

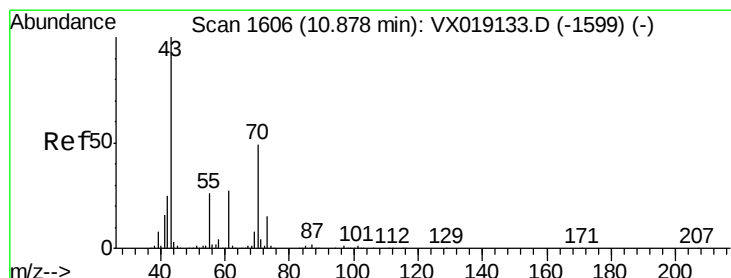
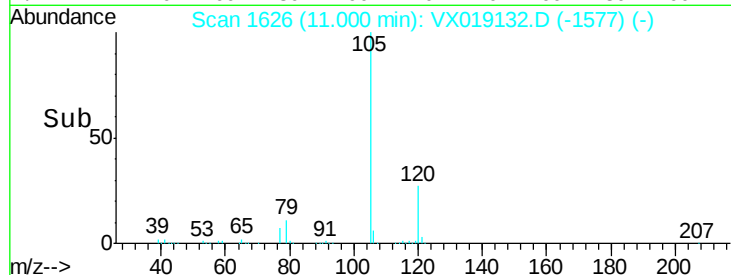
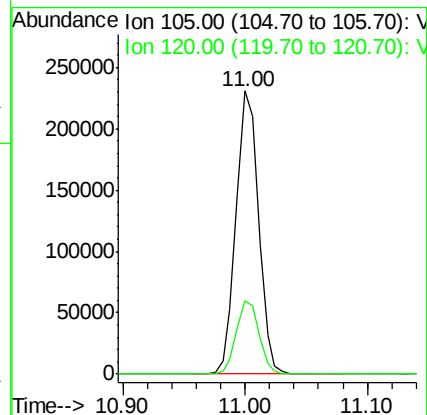
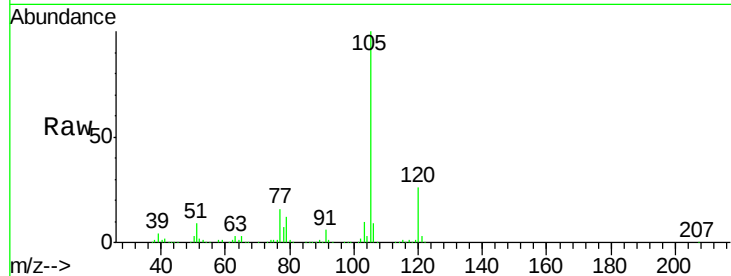
120 26.4 13.3 39.8

Manual Integrations

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#74

N-ethyl acetate

Concen: 22.475 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX019132.D

Acq: 27 Oct 2020 12:18

Tgt Ion: 43 Resp: 104486

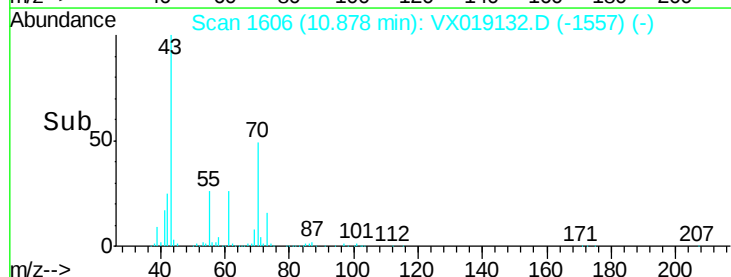
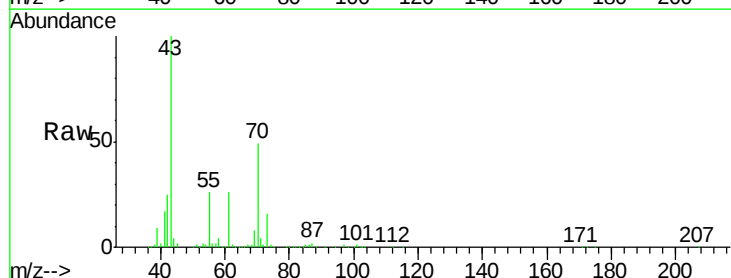
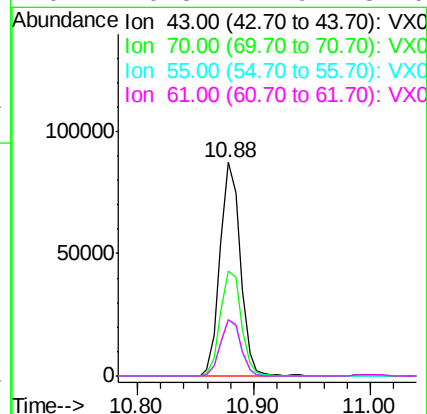
Ion Ratio Lower Upper

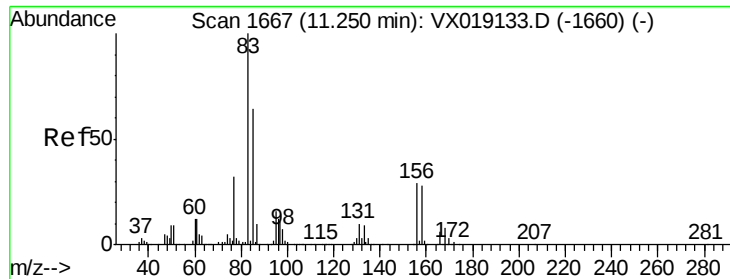
43 100

70 50.9 39.6 59.4

55 26.4 20.7 31.1

61 26.8 21.9 32.9





#75

1,1,2,2-Tetrachloroethane

Concen: 20.284 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX019132.D

Acq: 27 Oct 2020 12:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 83 Resp: 90836
Ion Ratio Lower Upper

83 100

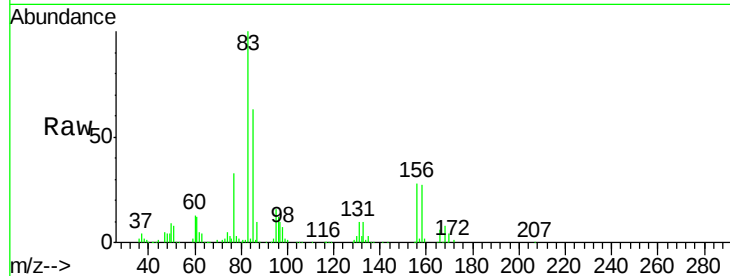
131 10.5 5.2 15.6

85 64.0 32.1 96.3

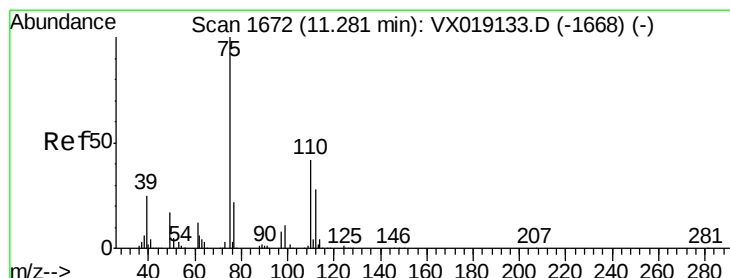
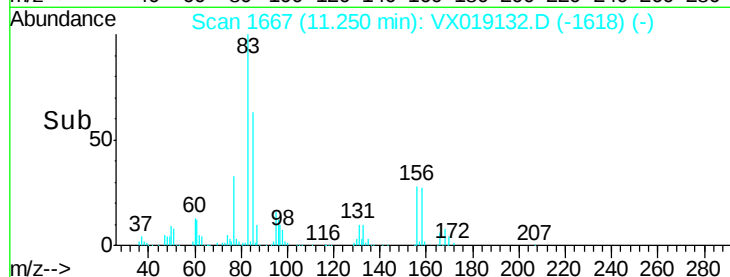
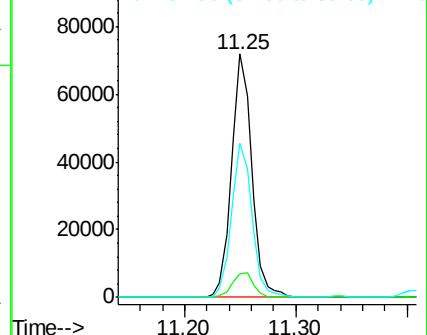
Manual Integrations
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Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 21.850 ug/l m

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

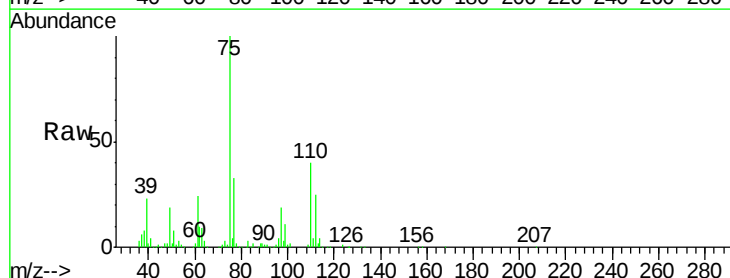
Lab File: VX019132.D

Acq: 27 Oct 2020 12:18

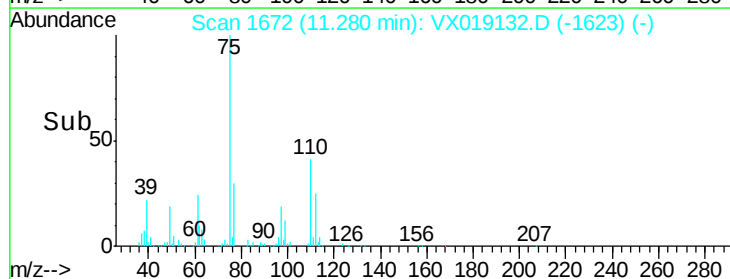
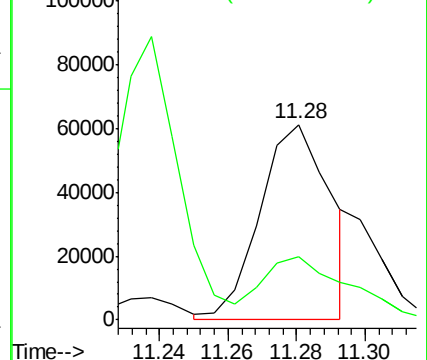
Tgt Ion: 75 Resp: 87102
Ion Ratio Lower Upper

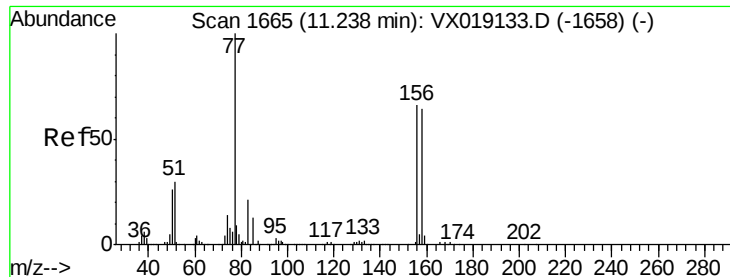
75 100

77 39.6 20.3 60.9



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.780 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX019132.D

Acq: 27 Oct 2020 12:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion:156 Resp: 71023

Ion Ratio Lower Upper

156 100

77 160.3 77.7 233.1

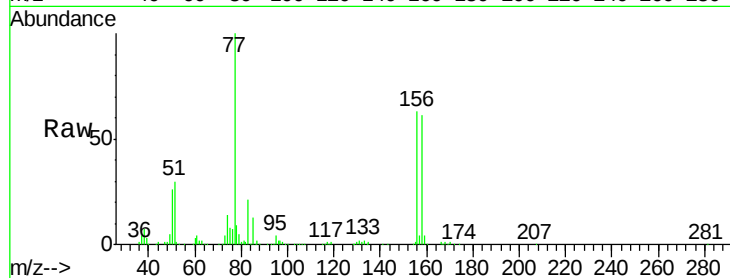
158 97.9 48.3 144.8

Manual Integrations

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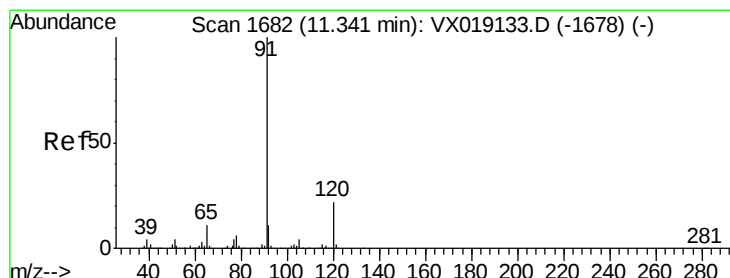
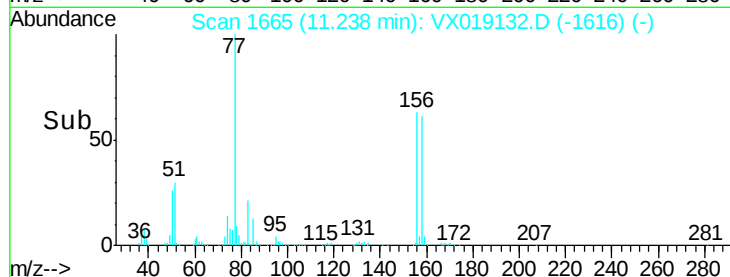
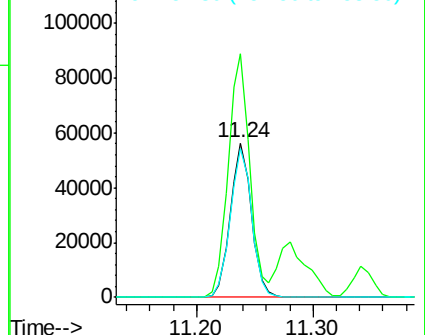
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.526 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX019132.D

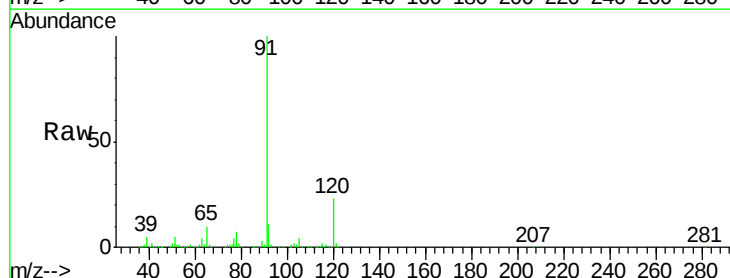
Acq: 27 Oct 2020 12:18

Tgt Ion: 91 Resp: 330269

Ion Ratio Lower Upper

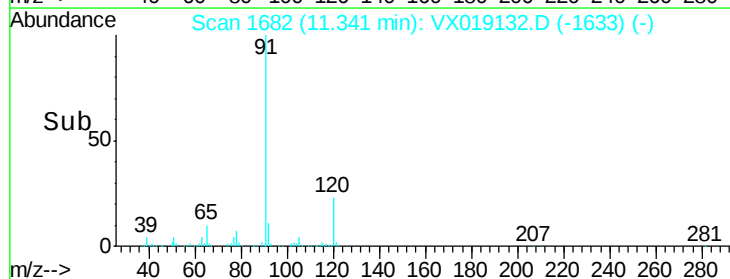
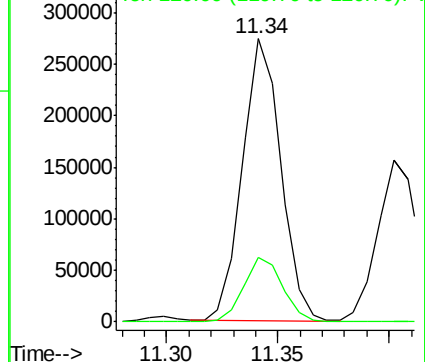
91 100

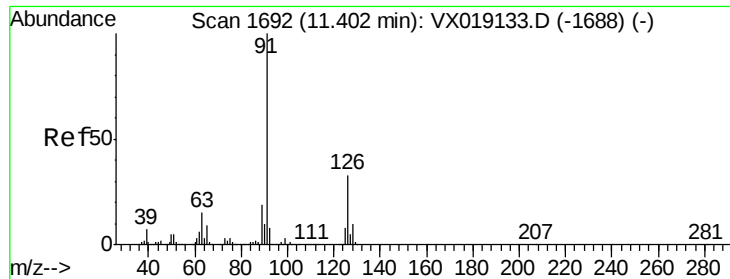
120 23.4 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





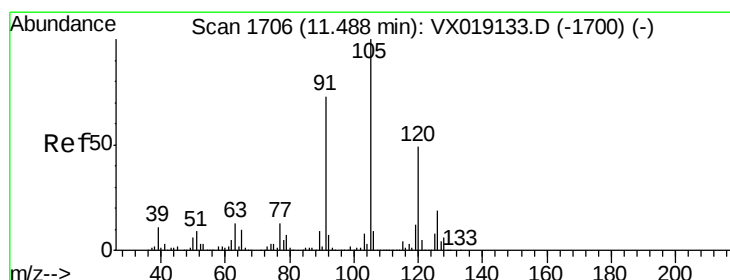
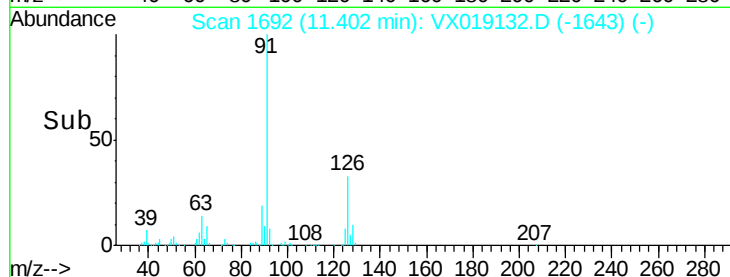
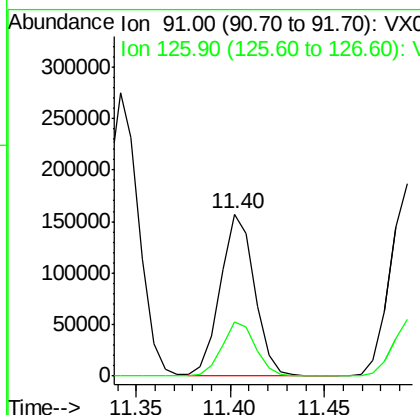
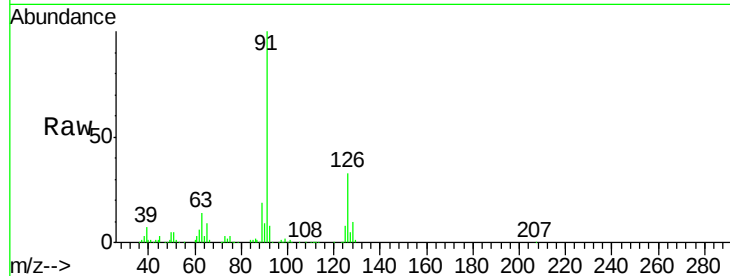
#79
 2-Chlorotoluene
 Concen: 20.635 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: VX019132.D
 Acq: 27 Oct 2020 12:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Lower	Upper
91	100		
126	33.4	16.9	50.7

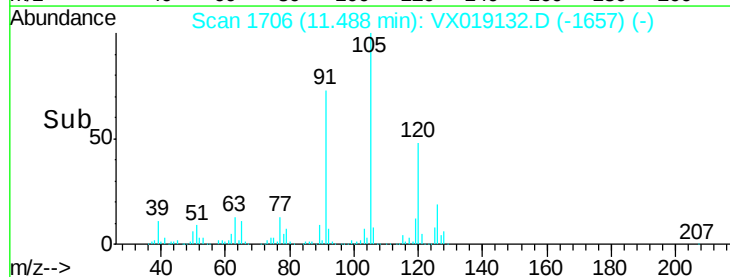
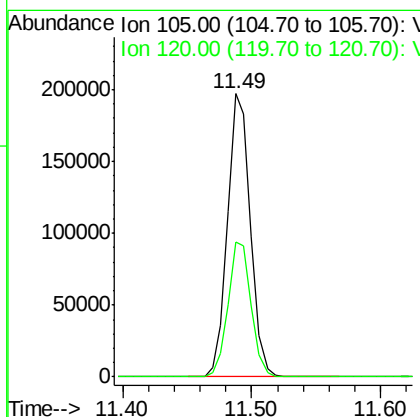
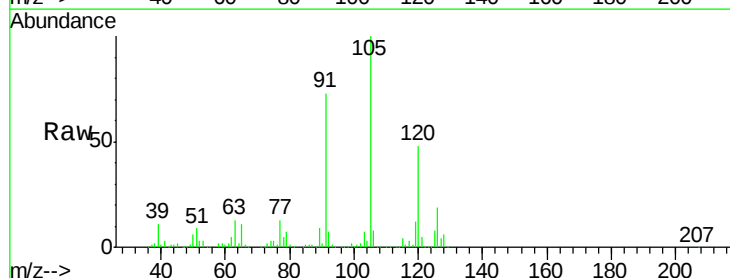
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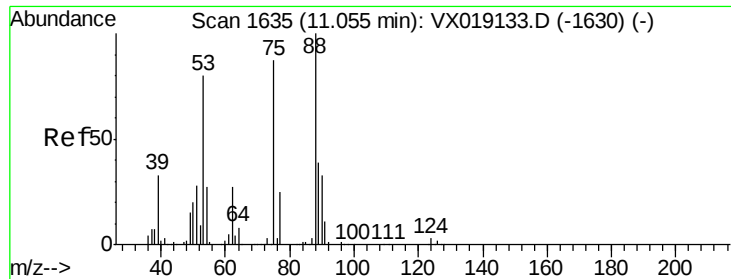
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#80
 1,3,5-Trimethylbenzene
 Concen: 20.798 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. -0.00 min
 Lab File: VX019132.D
 Acq: 27 Oct 2020 12:18

Tgt Ion	Ratio	Lower	Upper
105	100		
120	48.2	24.3	72.8





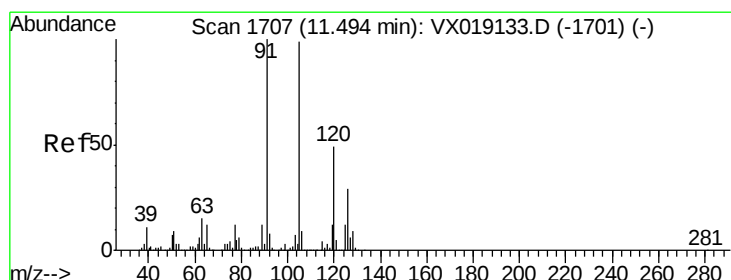
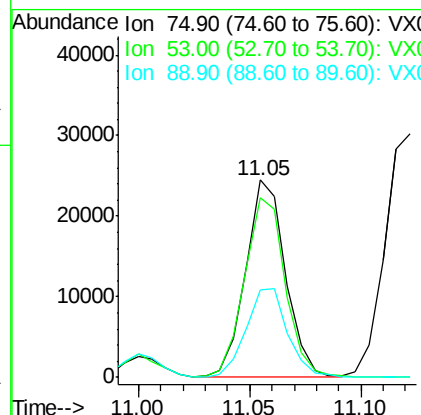
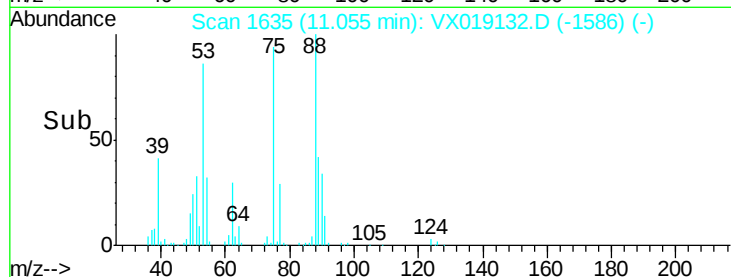
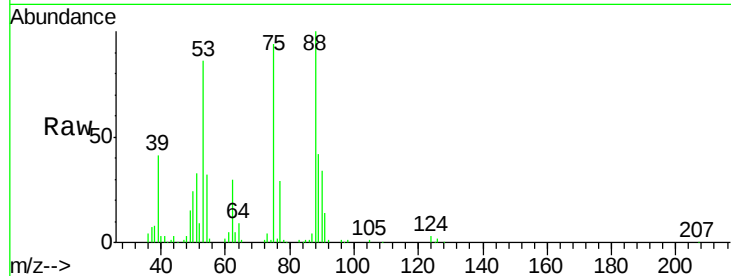
#81
trans-1,4-Dichloro-2-butene
Concen: 20.143 ug/l
RT: 11.05 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VX019132.D
Acq: 27 Oct 2020 12:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
75	100		
53	94.5	73.3	109.9
89	47.4	38.2	57.2

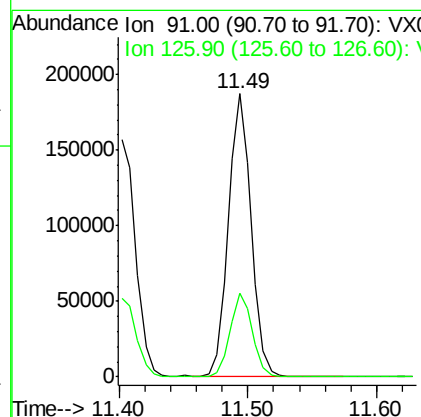
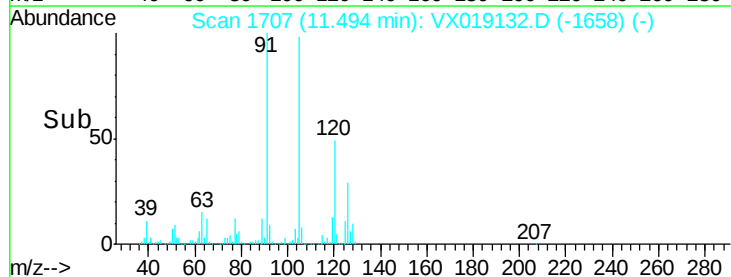
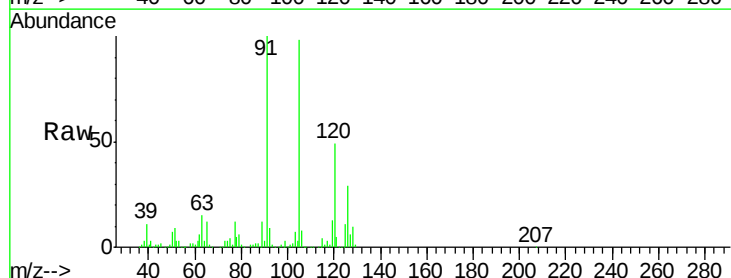
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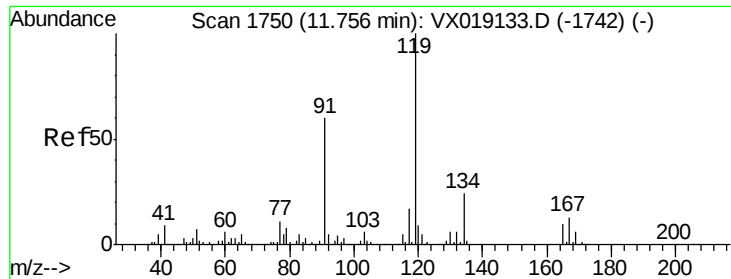
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#82
4-Chlorotoluene
Concen: 20.794 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX019132.D
Acq: 27 Oct 2020 12:18

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.1	14.8	44.4





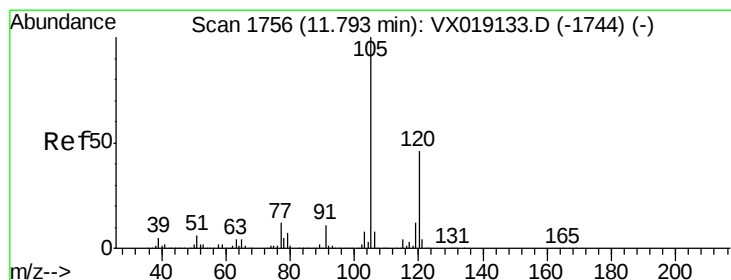
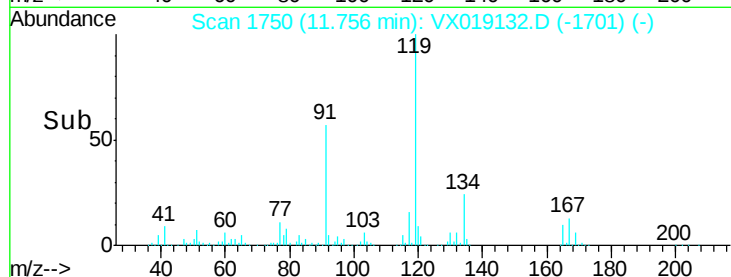
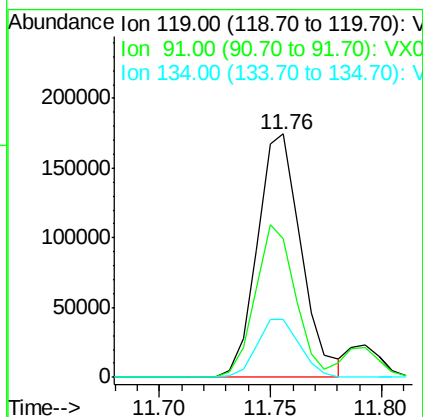
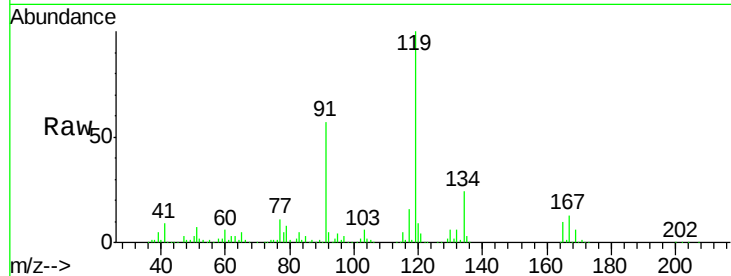
#83
tert-Butylbenzene
Concen: 20.649 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX019132.D
Acq: 27 Oct 2020 12:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Resp	Lower	Upper
119	100	238680		
91	57.5		29.0	87.1
134	23.2		11.7	35.0

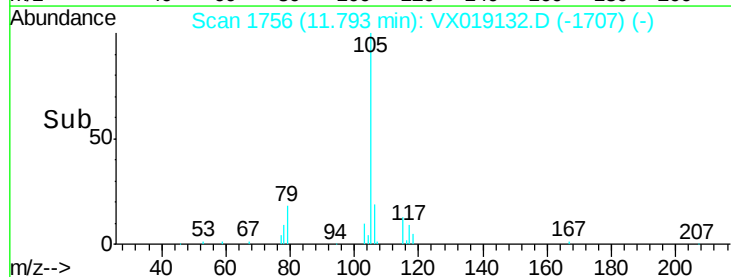
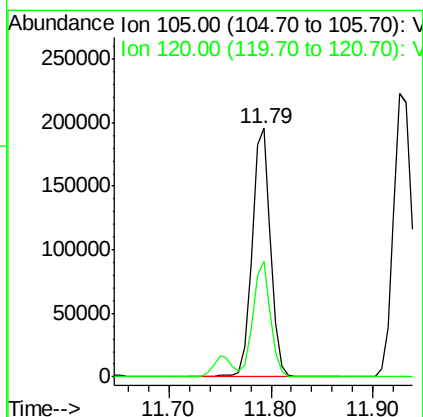
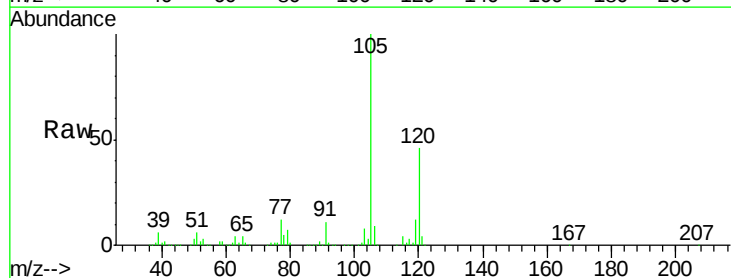
Manual Integrations
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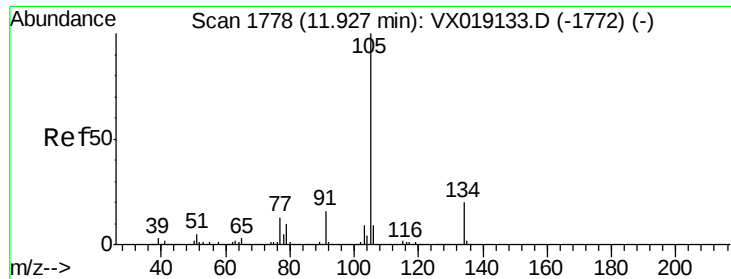
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#84
1,2,4-Trimethylbenzene
Concen: 20.652 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX019132.D
Acq: 27 Oct 2020 12:18

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	247105		
120	44.3		22.4	67.3





#85

sec-Butylbenzene

Concen: 20.282 ug/l

RT: 11.93 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX019132.D

Acq: 27 Oct 2020 12:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion:105 Resp: 281423

Ion Ratio Lower Upper

105 100

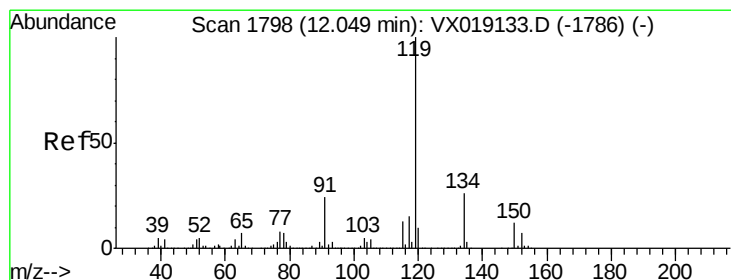
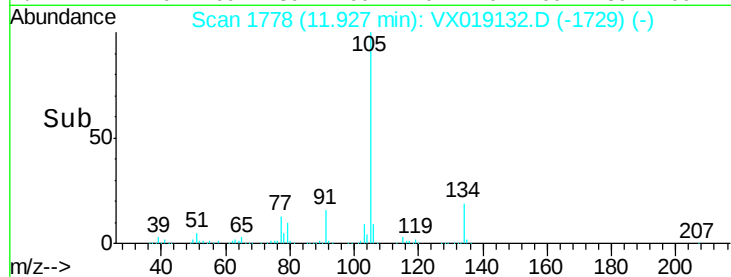
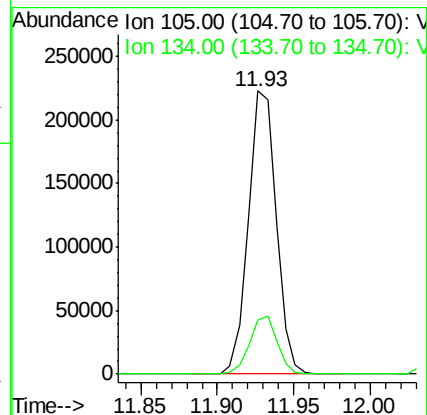
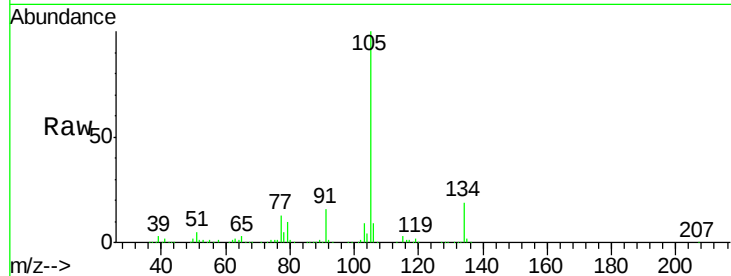
134 20.1 10.1 30.1

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 20.435 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX019132.D

Acq: 27 Oct 2020 12:18

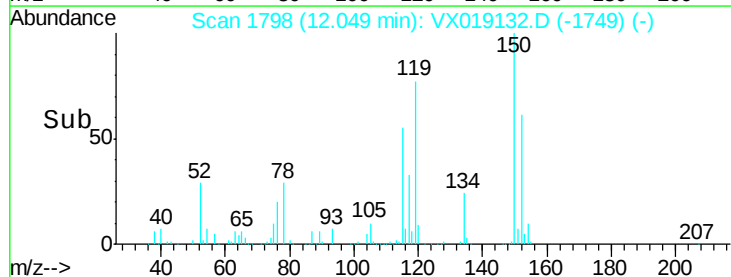
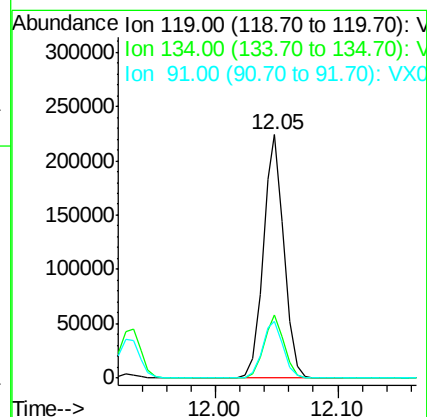
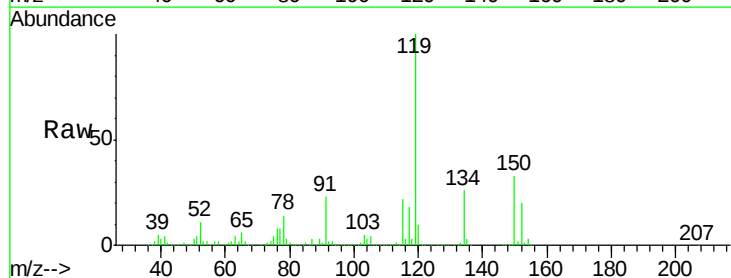
Tgt Ion:119 Resp: 262498

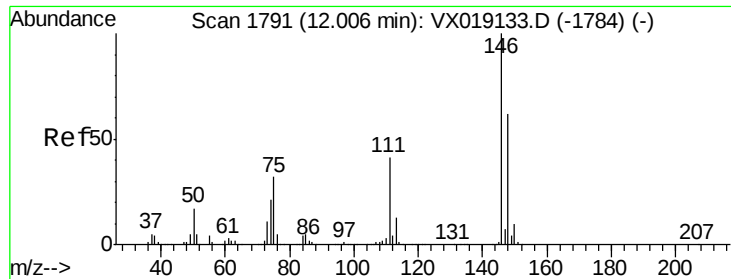
Ion Ratio Lower Upper

119 100

134 25.6 12.9 38.7

91 24.0 12.0 36.0





#87

1,3-Dichlorobenzene

Concen: 19.322 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. 0.01 min

Lab File: VX019132.D

Acq: 27 Oct 2020 12:18

Instrument :

MSVOA_X

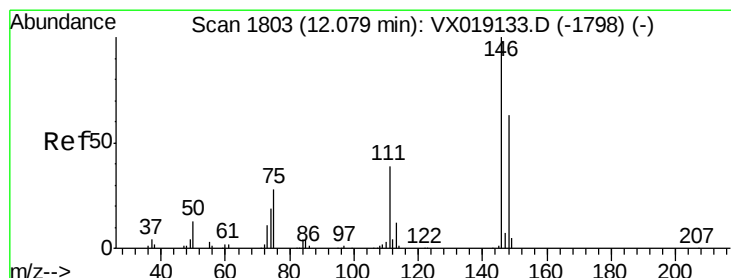
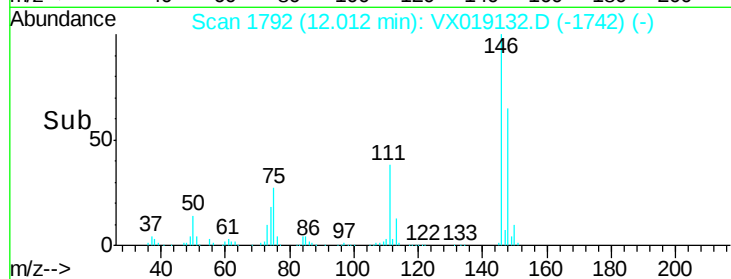
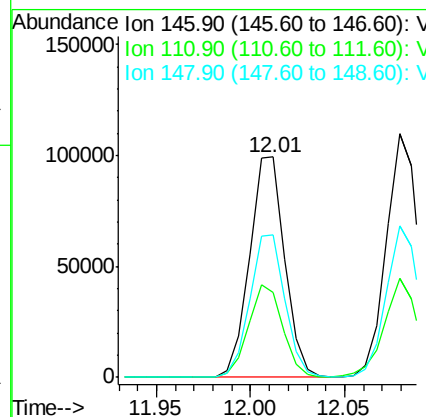
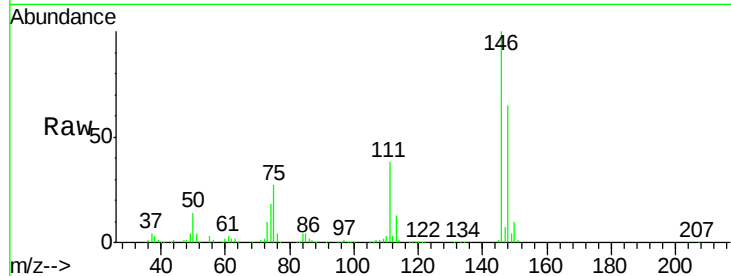
ClientSampleId :

VSTDIC020

Tot Ion:	146	Resp:	128383
Ion Ratio	Lower	Upper	
146	100		
111	41.0	20.4	61.2
148	64.6	31.6	94.8

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 19.136 ug/l

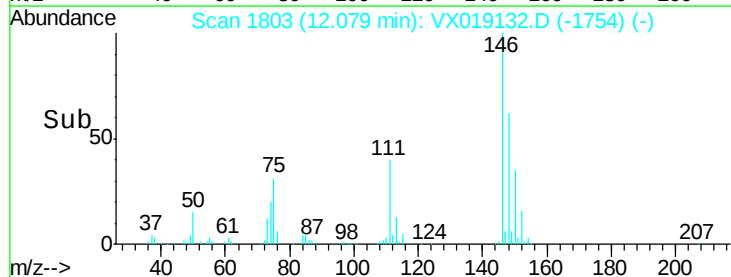
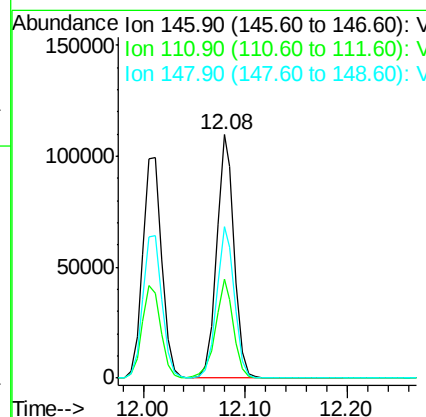
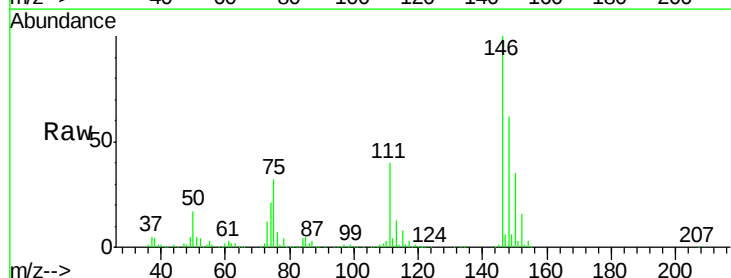
RT: 12.08 min Scan# 1803

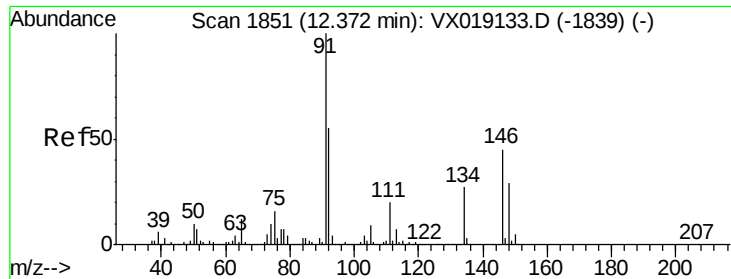
Delta R.T. -0.00 min

Lab File: VX019132.D

Acq: 27 Oct 2020 12:18

Tgt Ion:	146	Resp:	132493
Ion Ratio	Lower	Upper	
146	100		
111	41.2	20.2	60.5
148	63.5	31.3	93.8





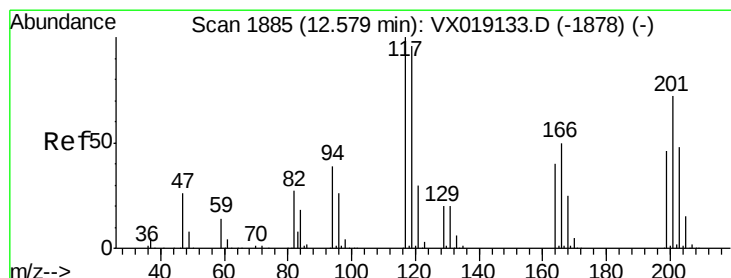
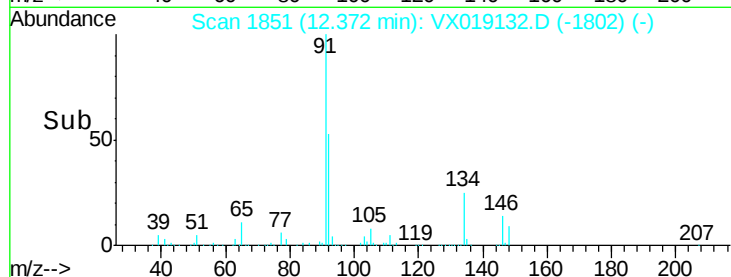
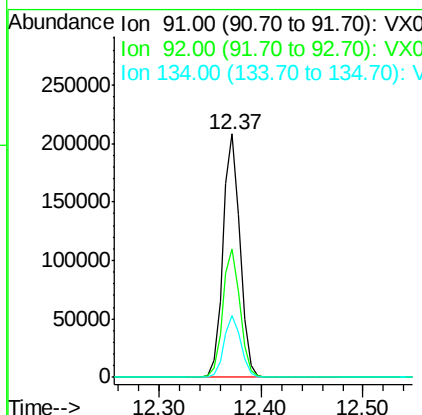
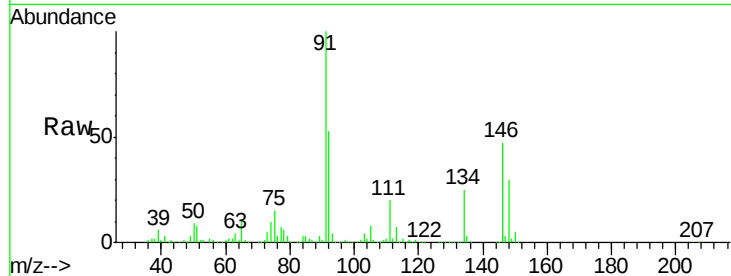
#89
n-Butylbenzene
Concen: 20.599 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX019132.D
Acq: 27 Oct 2020 12:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.2	27.5	82.4
134	25.2	13.2	39.6

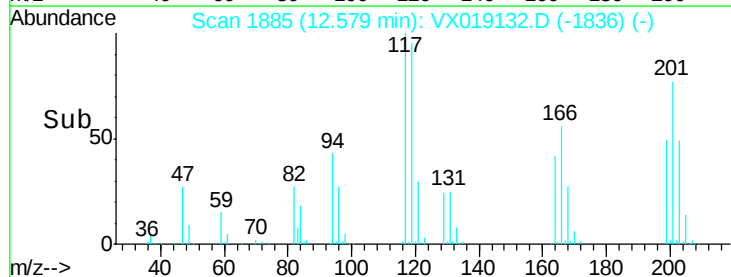
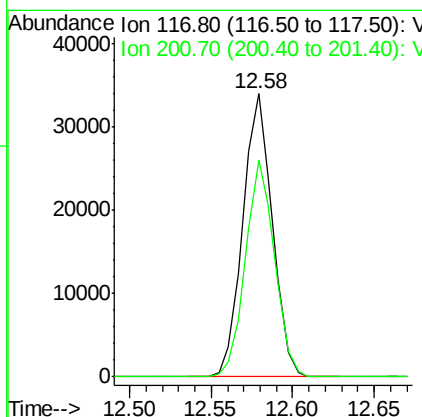
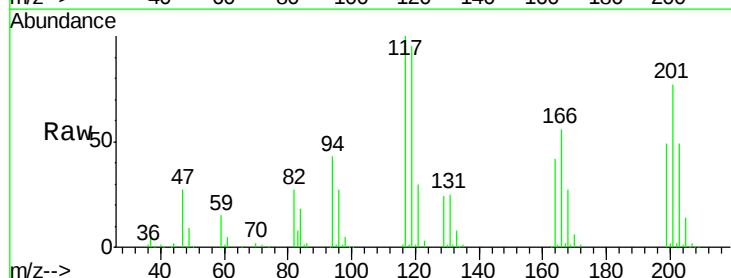
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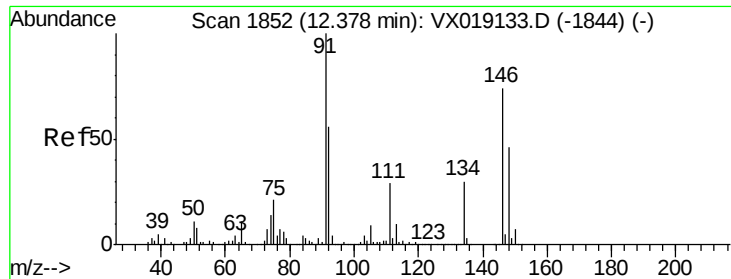
MMDadoda
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#90
Hexachloroethane
Concen: 19.964 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX019132.D
Acq: 27 Oct 2020 12:18

Tgt Ion	Ratio	Lower	Upper
117	100		
201	75.8	38.5	115.3





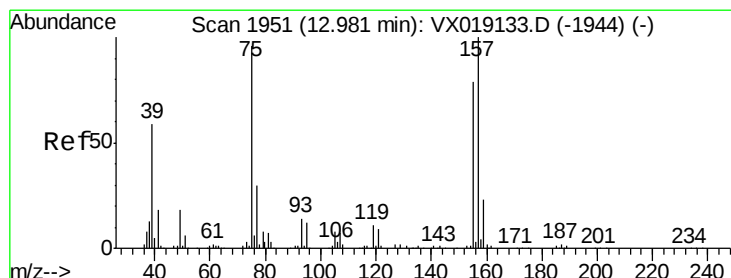
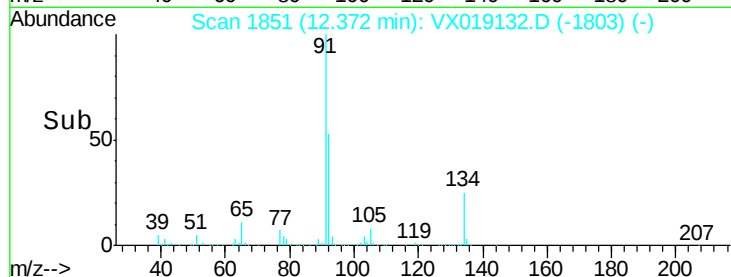
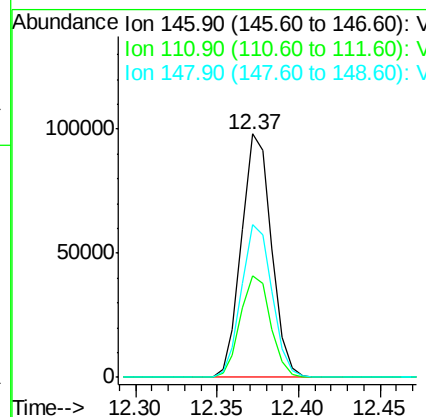
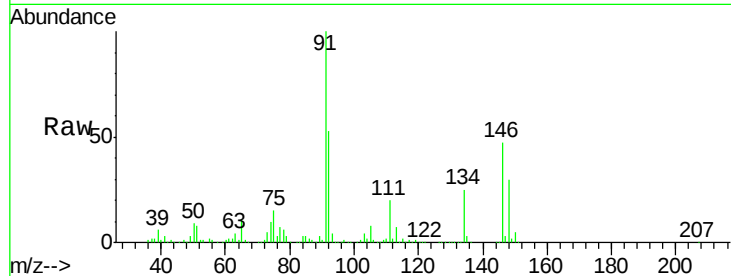
#91
 1,2-Dichlorobenzene
 Concen: 19.418 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: VX019132.D
 Acq: 27 Oct 2020 12:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.2	21.2	63.6
148	64.0	31.6	94.7

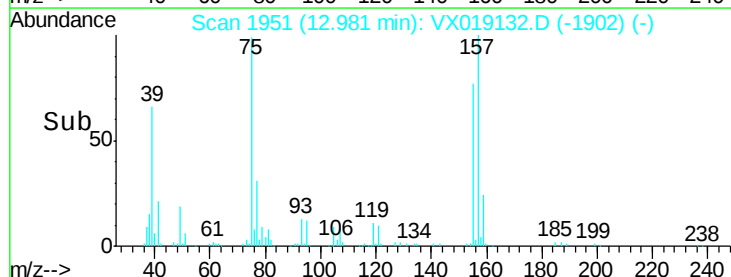
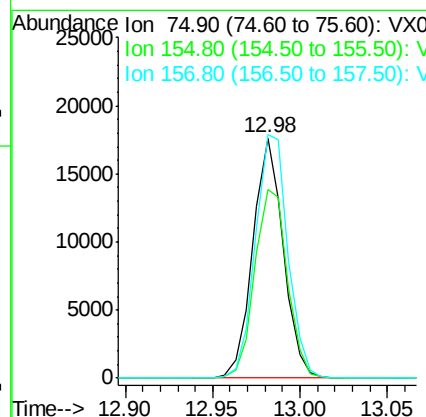
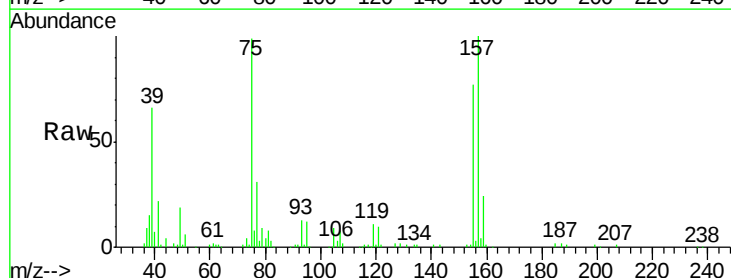
Manual Integrations
 APPROVED

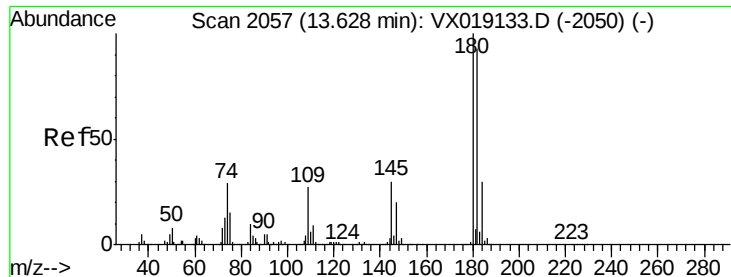
MMDadoda
 10/28/2020 12:33:16 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.583 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX019132.D
 Acq: 27 Oct 2020 12:18

Tgt Ion	Ratio	Lower	Upper
75	100		
155	84.2	42.8	128.4
157	108.1	54.8	164.4





#93

1,2,4-Trichlorobenzene

Concen: 19.468 ug/l

RT: 13.63 min Scan# 2057

Delta R.T. -0.00 min

Lab File: VX019132.D

Acq: 27 Oct 2020 12:18

Instrument :

MSVOA_X

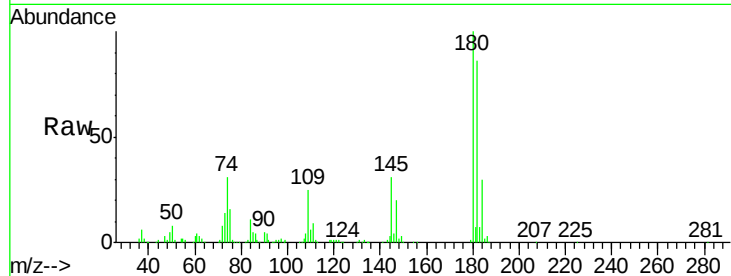
ClientSampleId :

VSTDIC020

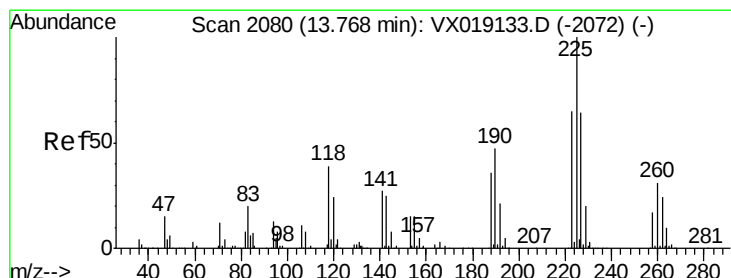
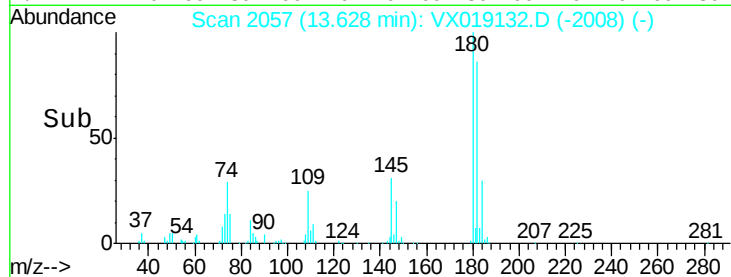
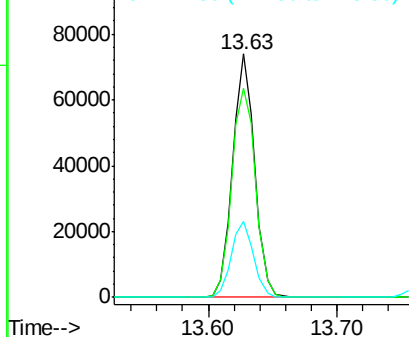
Tot Ion:	180	Resp:	88300
Ion Ratio	Lower	Upper	
180	100		
182	93.0	46.8	140.3
145	31.7	15.5	46.5

Manual Integrations
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Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 19.234 ug/l

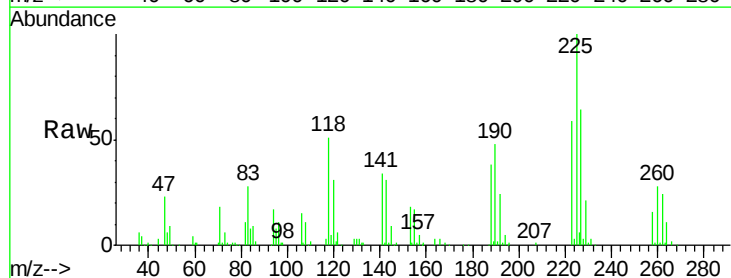
RT: 13.76 min Scan# 2079

Delta R.T. -0.01 min

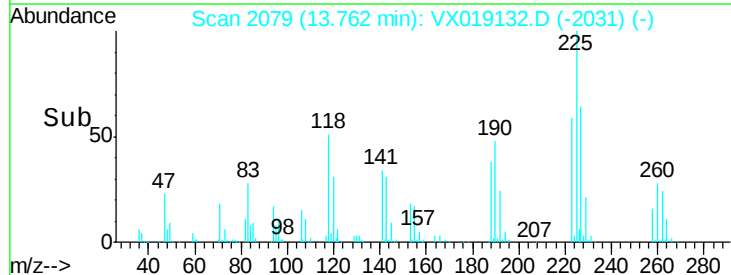
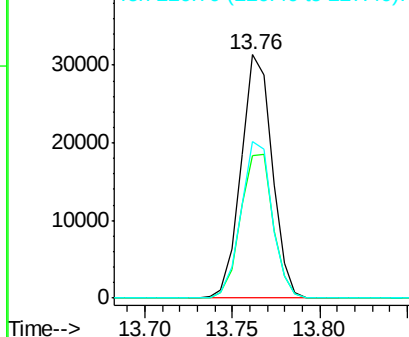
Lab File: VX019132.D

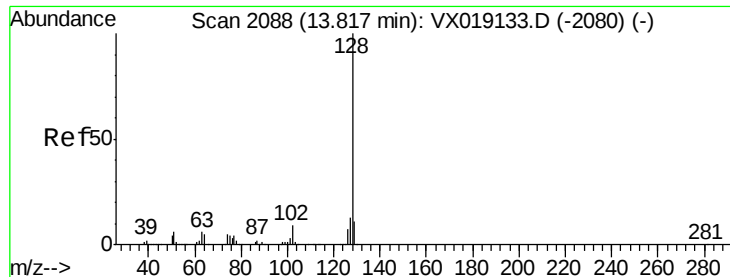
Acq: 27 Oct 2020 12:18

Tgt Ion:	225	Resp:	38759
Ion Ratio	Lower	Upper	
225	100		
223	61.7	32.4	97.2
227	64.1	31.6	94.7



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V





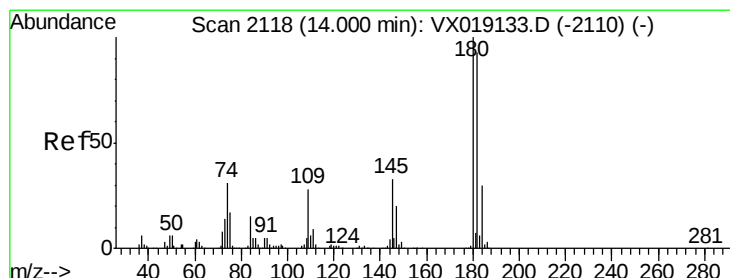
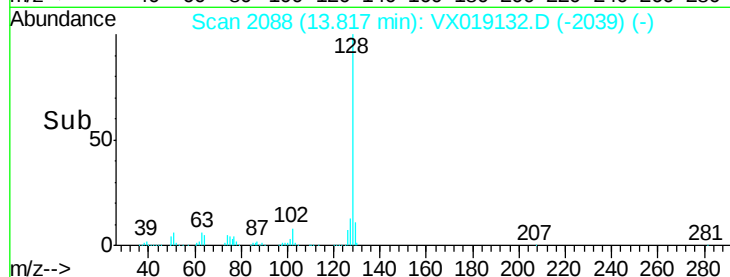
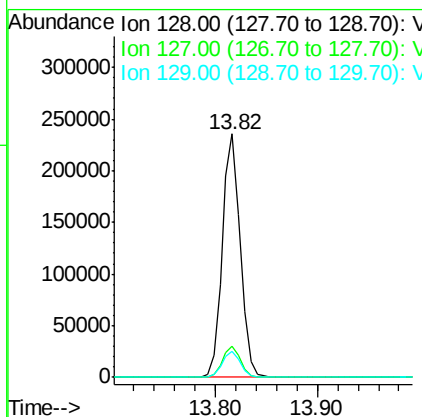
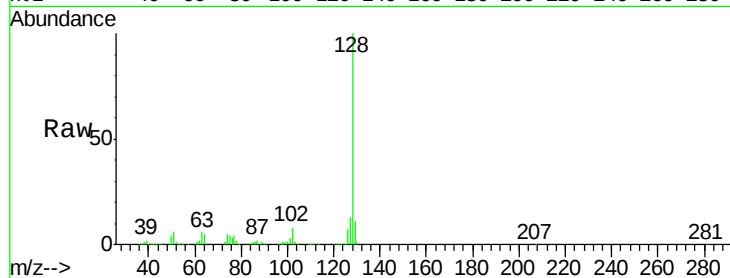
#95
Naphthalene
Concen: 20.190 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX019132.D
Acq: 27 Oct 2020 12:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.3	15.5
129	10.7	8.6	13.0

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#96
1,2,3-Trichlorobenzene
Concen: 19.202 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX019132.D
Acq: 27 Oct 2020 12:18

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.2	47.8	143.3
145	33.9	16.5	49.5

