

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX102820\
 Data File : VX019162.D
 Acq On : 28 Oct 2020 14:05
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/29/2020 9:45:46 AM

Quant Time: Oct 29 02:23:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 27 13:55:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	293094	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	476680	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	442639	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	227606	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	180638	47.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.58%	
35) Dibromofluoromethane	5.46	113	144801	48.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.72%	
50) Toluene-d8	8.70	98	551655	48.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.74%	
62) 4-Bromofluorobenzene	11.12	95	218804	51.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	128756	52.695	ug/l	100
3) Chloromethane	1.31	50	142127	52.065	ug/l	99
4) Vinyl Chloride	1.40	62	166960	52.739	ug/l	98
5) Bromomethane	1.64	94	115135	53.254	ug/l	99
6) Chloroethane	1.71	64	109161	54.006	ug/l	96
7) Trichlorofluoromethane	1.92	101	265914	53.466	ug/l	98
8) Diethyl Ether	2.17	74	103457	54.201	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	149212	54.127	ug/l	99
10) Methyl Iodide	2.49	142	170910	52.202	ug/l	99
11) Tert butyl alcohol	3.03	59	185927	249.043	ug/l	99
12) 1,1-Dichloroethene	2.36	96	146090	51.427	ug/l	99
13) Acrolein	2.28	56	84182	252.150	ug/l	97
14) Allyl chloride	2.71	41	230312	53.527	ug/l	99
15) Acrylonitrile	3.12	53	414261	264.062	ug/l	100
16) Acetone	2.43	43	357403	274.088	ug/l	99
17) Carbon Disulfide	2.55	76	402946	49.766	ug/l	100
18) Methyl Acetate	2.75	43	162572	51.270	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	527116	53.554	ug/l	99
20) Methylene Chloride	2.84	84	169403	51.747	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	164855	50.424	ug/l	95
22) Diisopropyl ether	3.82	45	474283	55.291	ug/l	99
23) Vinyl Acetate	3.78	43	2111107	275.983	ug/l	99
24) 1,1-Dichloroethane	3.67	63	287558	53.692	ug/l	99
25) 2-Butanone	4.64	43	558478	271.757	ug/l	100
26) 2,2-Dichloropropane	4.55	77	270479	53.721	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	191168	52.327	ug/l	98
28) Bromochloromethane	4.98	49	124386	51.087	ug/l	96
29) Tetrahydrofuran	5.09	42	352456	272.149	ug/l	99
30) Chloroform	5.18	83	307206	53.889	ug/l	100
31) Cyclohexane	5.55	56	254941	53.358	ug/l	100
32) 1,1,1-Trichloroethane	5.46	97	278090	53.805	ug/l	100
36) 1,1-Dichloropropene	5.77	75	232311	52.776	ug/l	100
37) Ethyl Acetate	4.79	43	220640	53.987	ug/l	99
38) Carbon Tetrachloride	5.75	117	241113	53.739	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	286104	54.359	ug/l	98
40) Benzene	6.11	78	675122	54.094	ug/l	100
41) Methacrylonitrile	5.00	41	118168	53.690	ug/l	99
42) 1,2-Dichloroethane	6.16	62	248584	54.044	ug/l	100
43) Isopropyl Acetate	6.41	43	368467	53.844	ug/l	100
44) Trichloroethene	7.18	130	187910	52.573	ug/l	95
45) 1,2-Dichloropropane	7.49	63	169410	55.419	ug/l	99
46) Dibromomethane	7.63	93	120815	53.447	ug/l	97
47) Bromodichloromethane	7.87	83	244541	54.885	ug/l	99
48) Methyl methacrylate	7.74	41	181044	54.966	ug/l	98
49) 1,4-Dioxane	7.73	88	78716	1074.635	ug/l	100
51) 4-Methyl-2-Pentanone	8.62	43	1104024	280.695	ug/l	100
52) Toluene	8.76	92	442953	55.106	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	276013	54.237	ug/l	100
54) cis-1,3-Dichloropropene	8.41	75	291324	54.439	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	174401	54.912	ug/l	99
56) Ethyl methacrylate	9.16	69	271613	56.619	ug/l	99
57) 1,3-Dichloropropane	9.35	76	290688	54.286	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	755443	281.579	ug/l	98
59) 2-Hexanone	9.47	43	853394	285.038	ug/l	99
60) Dibromochloromethane	9.56	129	194463	56.419	ug/l	100
61) 1,2-Dibromoethane	9.65	107	183987	54.173	ug/l	100
64) Tetrachloroethene	9.32	164	173339	51.399	ug/l	97
65) Chlorobenzene	10.12	112	466278	51.539	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	173506	53.272	ug/l	98
67) Ethyl Benzene	10.23	91	851718	52.832	ug/l	99
68) m/p-Xylenes	10.34	106	648911	107.248	ug/l	99
69) o-Xylene	10.68	106	309832	53.988	ug/l	99
70) Styrene	10.70	104	529687	54.094	ug/l	99
71) Bromoform	10.84	173	139861	54.161	ug/l #	98
73) Isopropylbenzene	11.00	105	843040	52.327	ug/l	100
74) N-amyl acetate	10.88	43	319054	54.162	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.25	83	261020	51.840	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	248345m	52.844	ug/l	
77) Bromobenzene	11.24	156	206135	51.552	ug/l	97
78) n-propylbenzene	11.34	91	979611	53.265	ug/l	100
79) 2-Chlorotoluene	11.40	91	571224	52.756	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	720902	52.966	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	92499	51.824	ug/l	99
82) 4-Chlorotoluene	11.49	91	682283	51.601	ug/l	99
83) tert-Butylbenzene	11.76	119	696771	53.466	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	725377	52.791	ug/l	99
85) sec-Butylbenzene	11.93	105	840885	53.799	ug/l	99
86) p-Isopropyltoluene	12.05	119	781800	54.191	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	384088	51.580	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	379850	49.005	ug/l	99
89) n-Butylbenzene	12.37	91	714600	52.697	ug/l	100
90) Hexachloroethane	12.58	117	134868	55.000	ug/l	97
91) 1,2-Dichlorobenzene	12.37	146	357385	49.982	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	60329	48.944	ug/l	98

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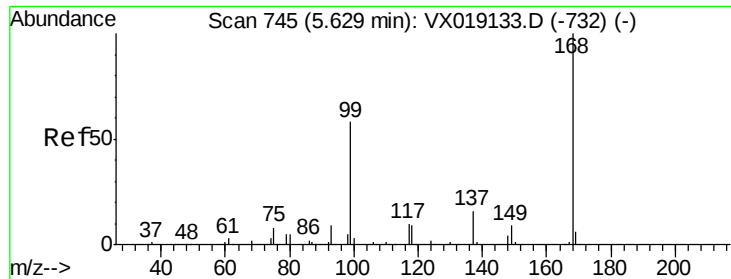
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	250878	46.712	ug/l	99
94) Hexachlorobutadiene	13.76	225	107229	45.354	ug/l	97
95) Naphthalene	13.82	128	818274	48.374	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	250415	48.061	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: VX019162.D

Acq: 28 Oct 2020 14:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 293094

Ion Ratio Lower Upper

168 100

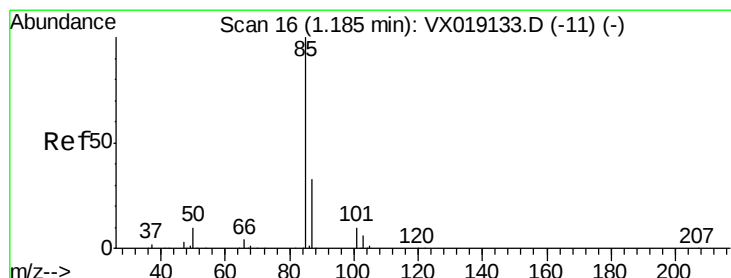
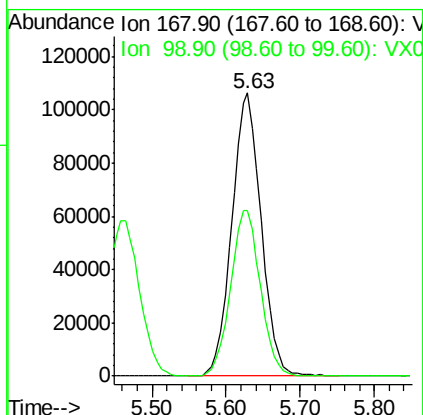
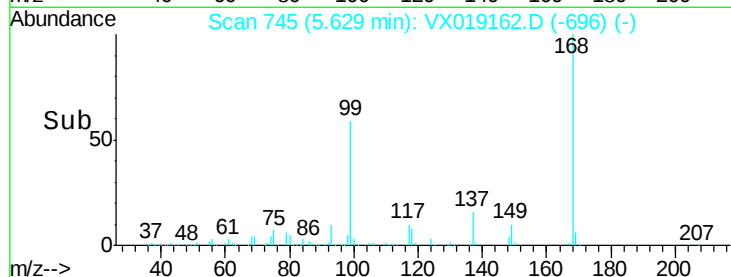
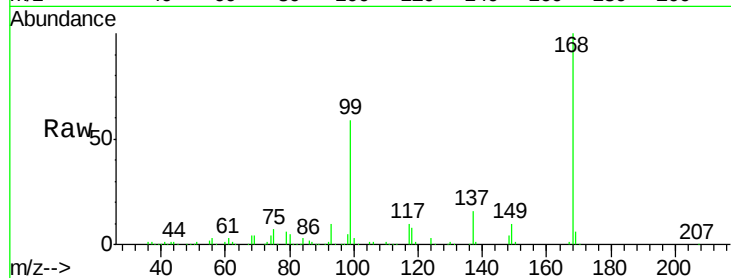
99 58.6 46.6 69.8

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#2

Dichlorodifluoromethane

Concen: 52.695 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX019162.D

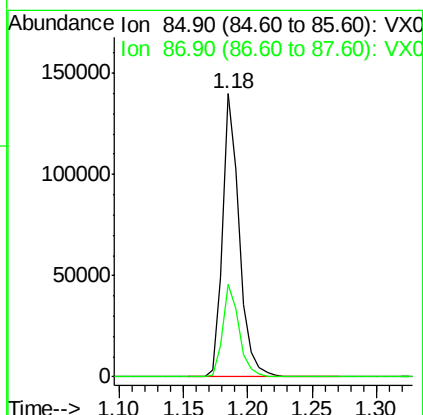
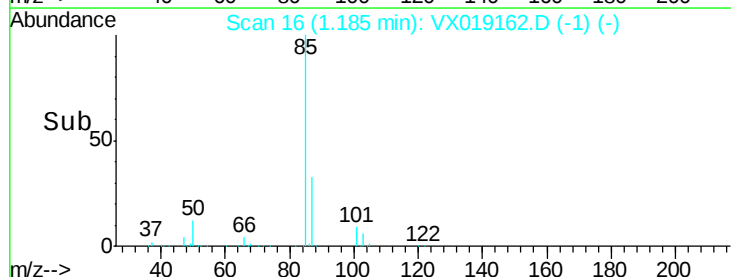
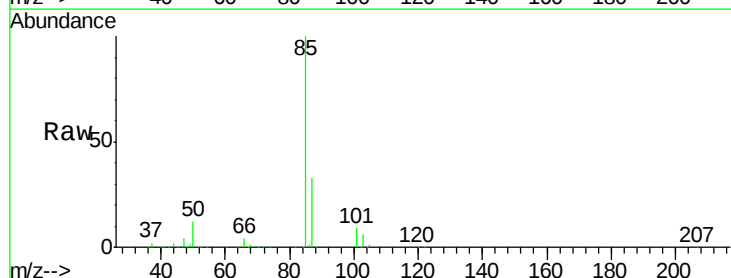
Acq: 28 Oct 2020 14:05

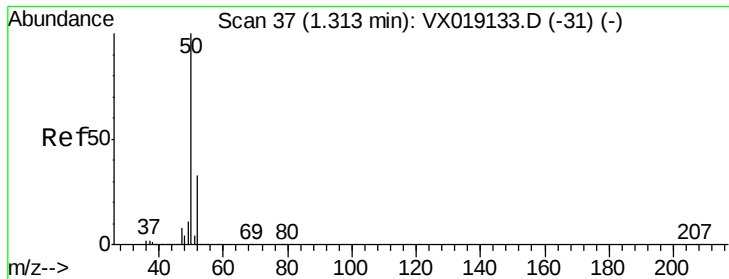
Tgt Ion: 85 Resp: 128756

Ion Ratio Lower Upper

85 100

87 33.0 16.6 49.7





#3

Chloromethane

Concen: 52.065 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX019162.D

Acq: 28 Oct 2020 14:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 142127

Ion Ratio Lower Upper

50 100

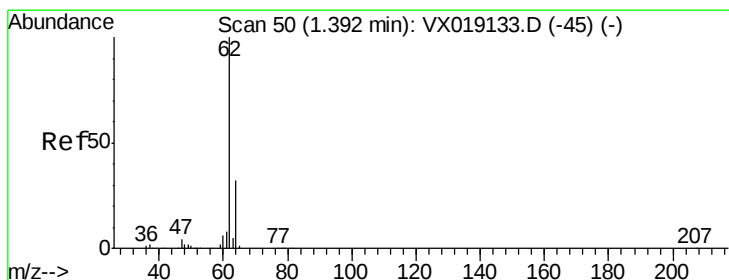
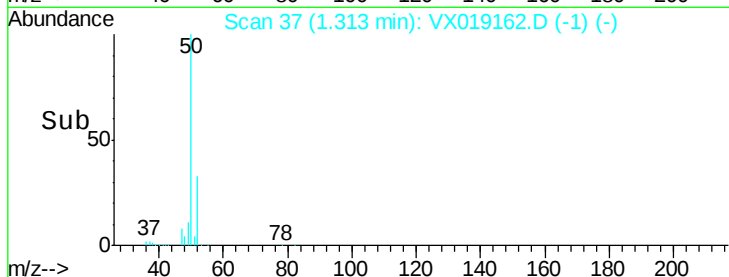
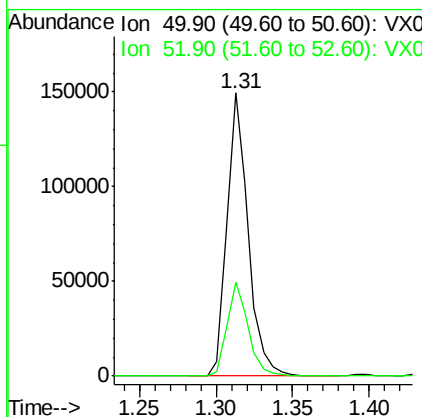
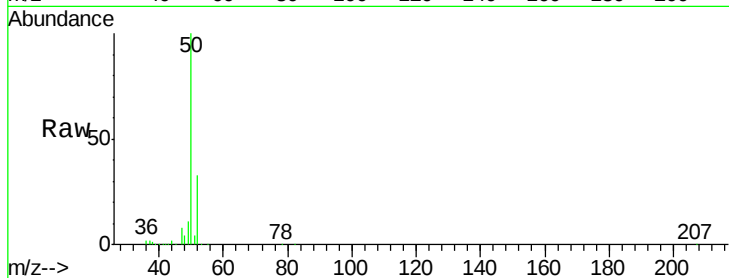
52 33.1 26.8 40.2

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#4

Vinyl Chloride

Concen: 52.739 ug/l

RT: 1.40 min Scan# 51

Delta R.T. 0.01 min

Lab File: VX019162.D

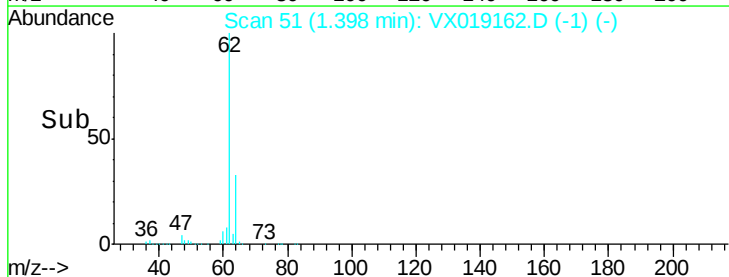
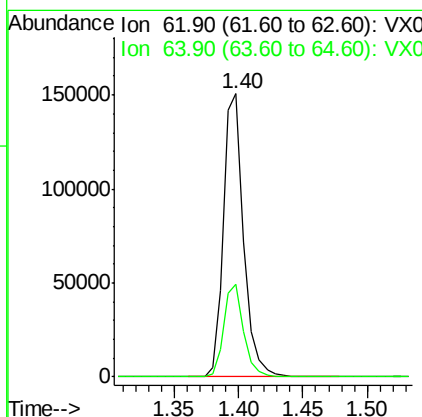
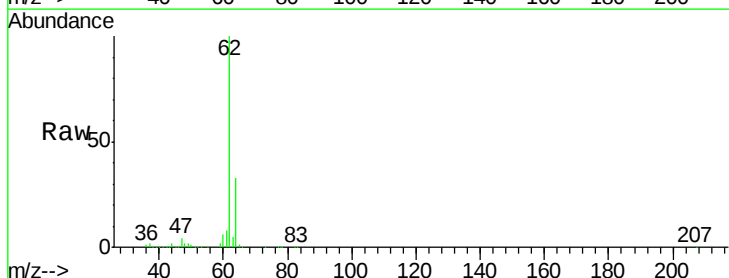
Acq: 28 Oct 2020 14:05

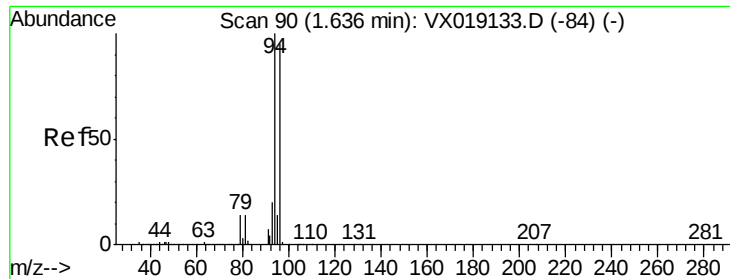
Tgt Ion: 62 Resp: 166960

Ion Ratio Lower Upper

62 100

64 32.6 25.4 38.0





#5

Bromomethane

Concen: 53.254 ug/l

RT: 1.64 min Scan# 91

Delta R.T. 0.01 min

Lab File: VX019162.D

Acq: 28 Oct 2020 14:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 115135

Ion Ratio Lower Upper

94 100

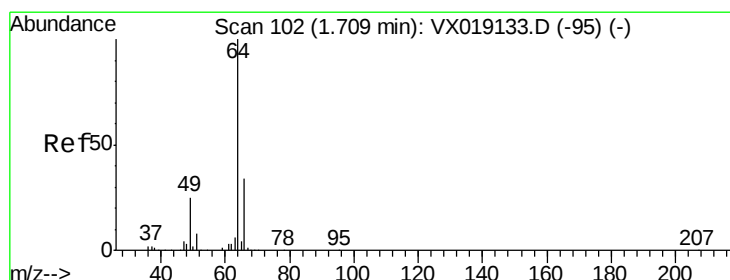
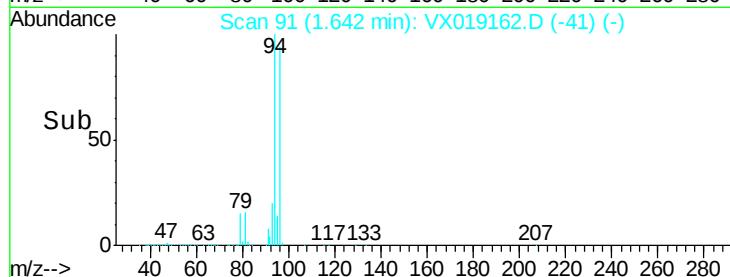
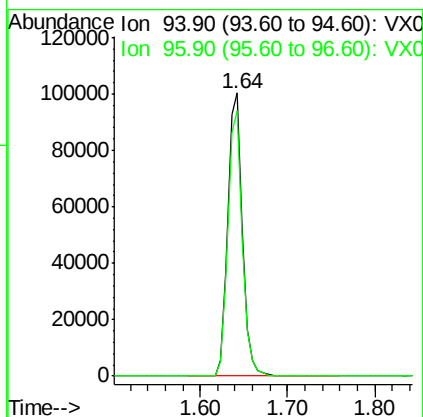
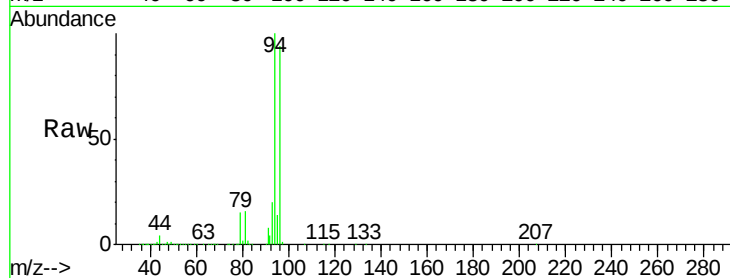
96 93.8 76.0 114.0

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#6

Chloroethane

Concen: 54.006 ug/l

RT: 1.71 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX019162.D

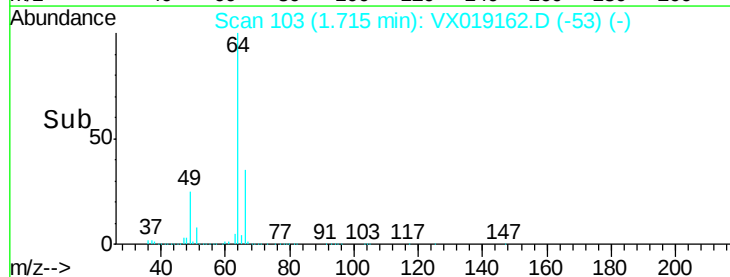
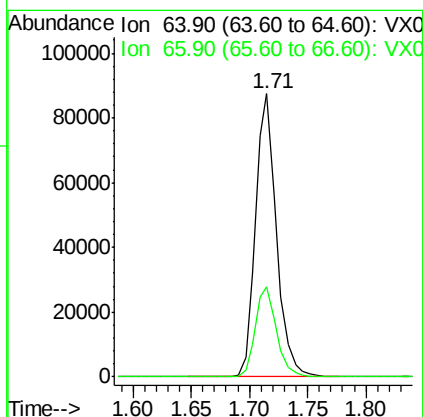
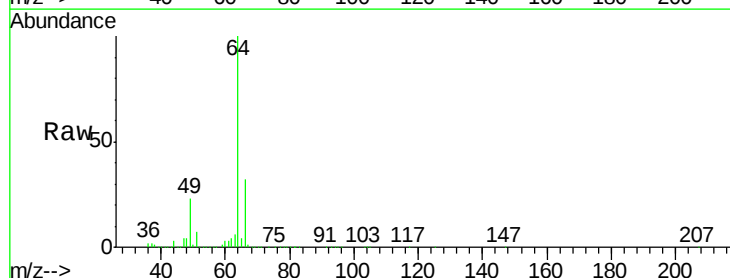
Acq: 28 Oct 2020 14:05

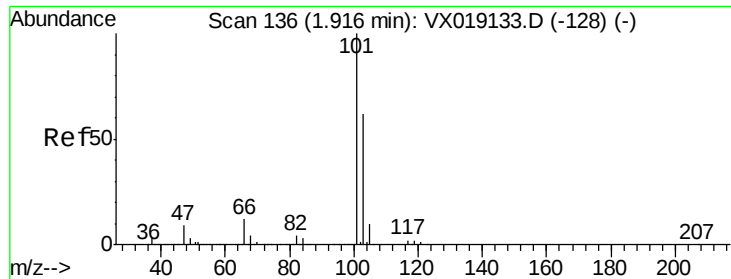
Tgt Ion: 64 Resp: 109161

Ion Ratio Lower Upper

64 100

66 31.8 27.1 40.7





#7

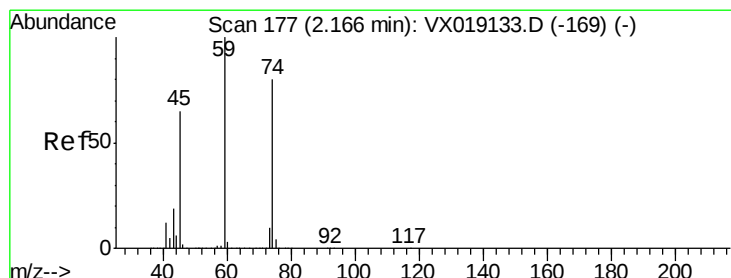
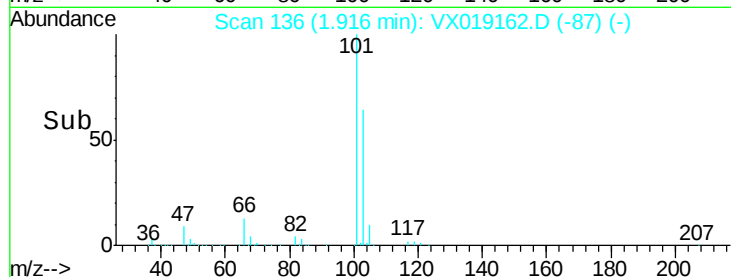
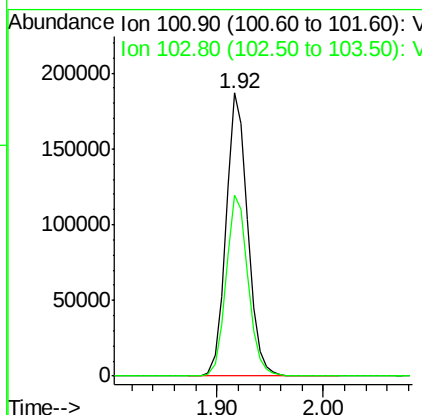
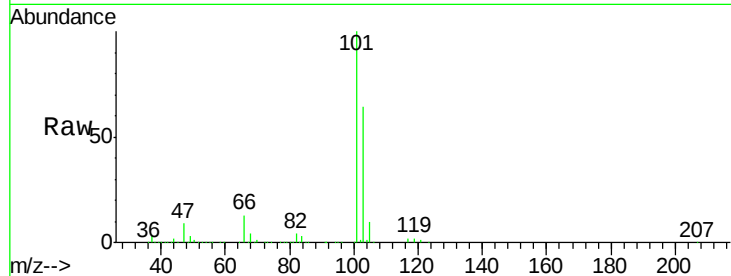
Trichlorofluoromethane
Concen: 53.466 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX019162.D
Acq: 28 Oct 2020 14:05

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Tot Ion	Ratio	Lower	Upper
101	100		
103	63.8	50.0	75.0

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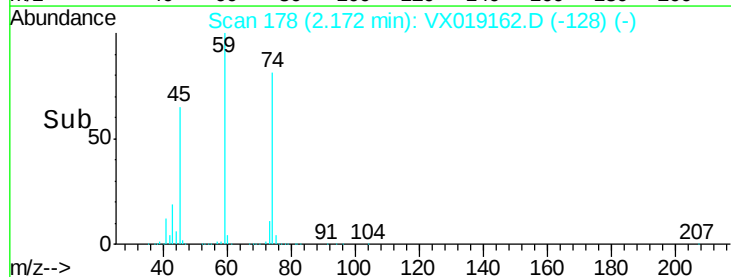
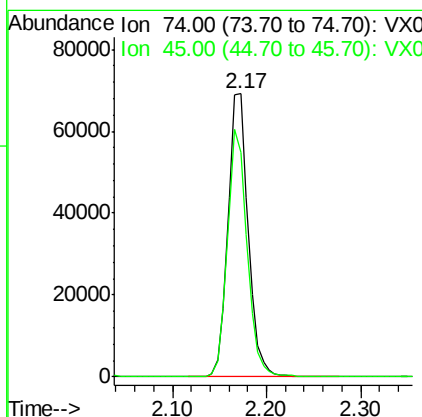
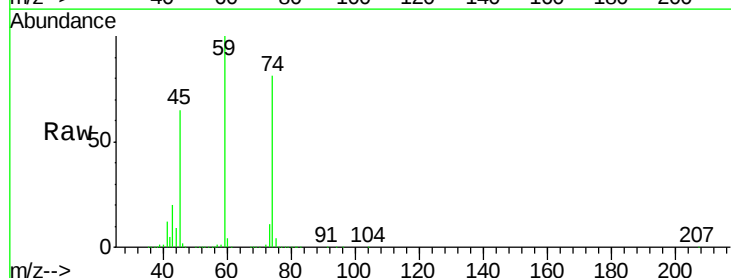
MMDadoda
10/29/2020 9:45:46 AM

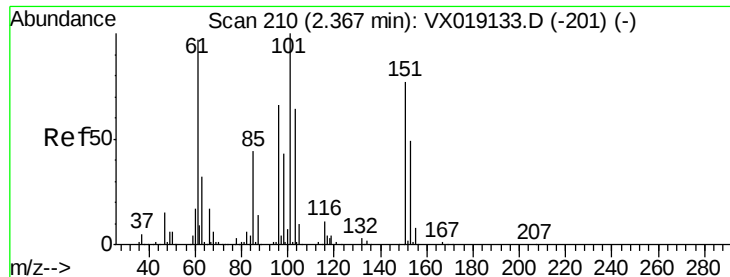


#8

Diethyl Ether
Concen: 54.201 ug/l
RT: 2.17 min Scan# 178
Delta R.T. 0.01 min
Lab File: VX019162.D
Acq: 28 Oct 2020 14:05

Tgt Ion	Ratio	Lower	Upper
74	100		
45	84.6	41.0	123.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 54.127 ug/l

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX019162.D

Acq: 28 Oct 2020 14:05

Instrument :

MSVOA_X

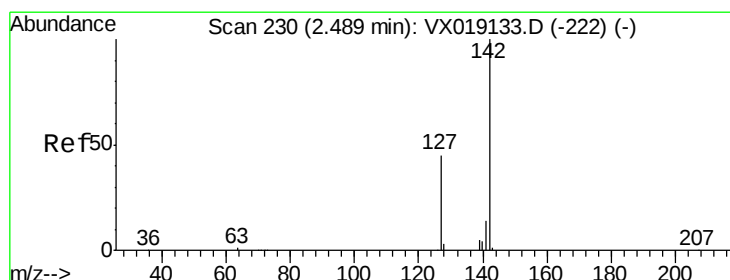
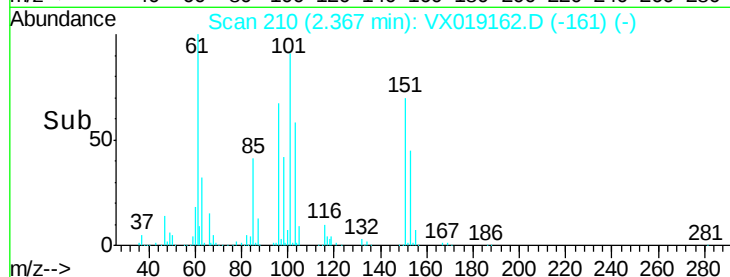
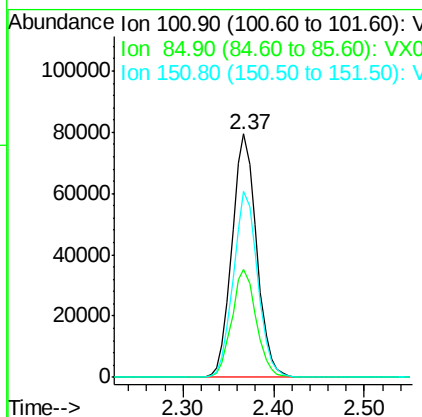
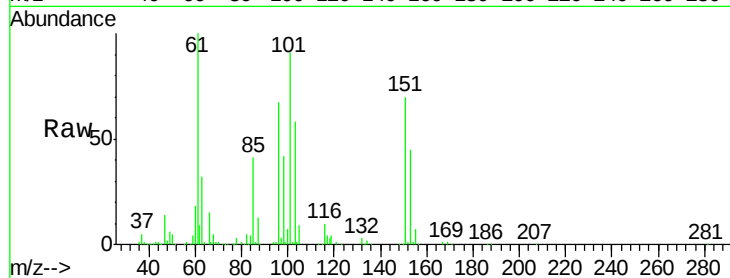
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	149212
Ion Ratio	Lower	Upper	
101	100		
85	44.3	35.0	52.4
151	75.9	61.4	92.2

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10/29/2020 9:45:46 AM



#10

Methyl Iodide

Concen: 52.202 ug/l

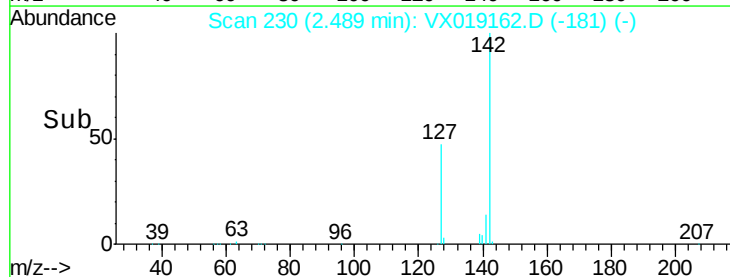
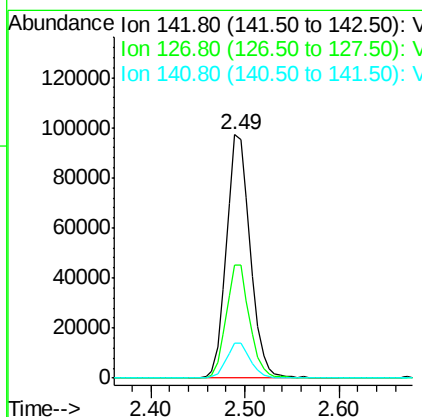
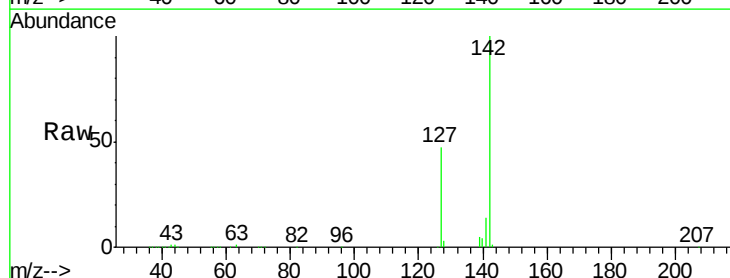
RT: 2.49 min Scan# 230

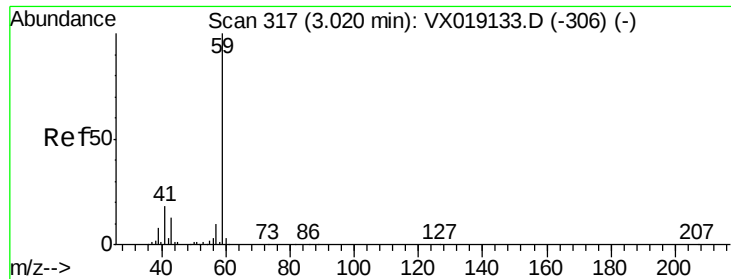
Delta R.T. 0.00 min

Lab File: VX019162.D

Acq: 28 Oct 2020 14:05

Tgt Ion:	142	Resp:	170910
Ion Ratio	Lower	Upper	
142	100		
127	45.8	36.1	54.1
141	14.4	11.3	16.9





#11

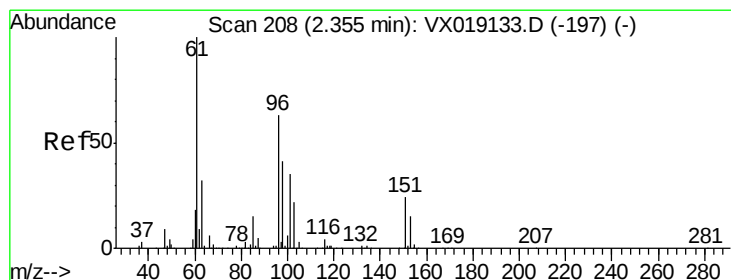
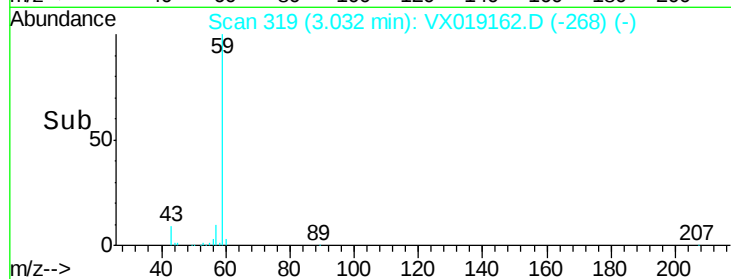
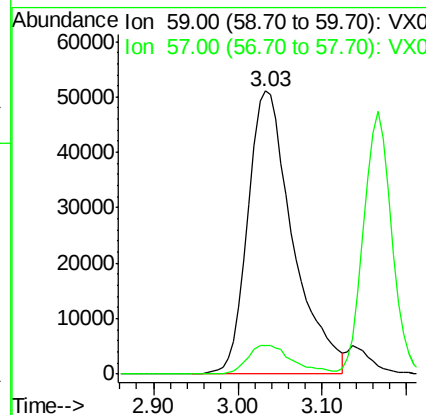
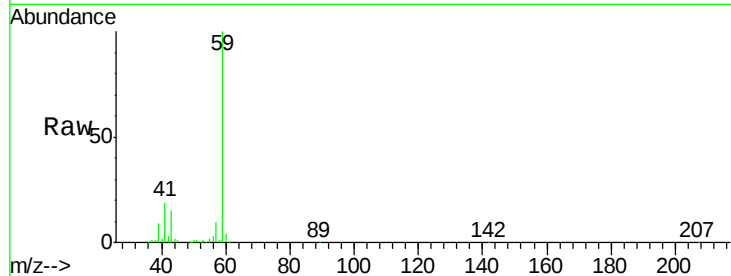
Tert butyl alcohol
Concen: 249.043 ug/l
RT: 3.03 min Scan# 319
Delta R.T. 0.01 min
Lab File: VX019162.D
Acq: 28 Oct 2020 14:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.3	8.4	12.6

Manual Integrations
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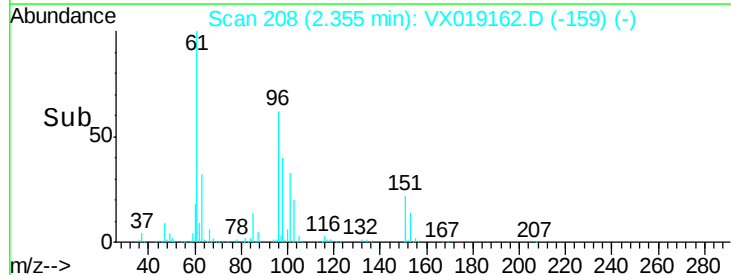
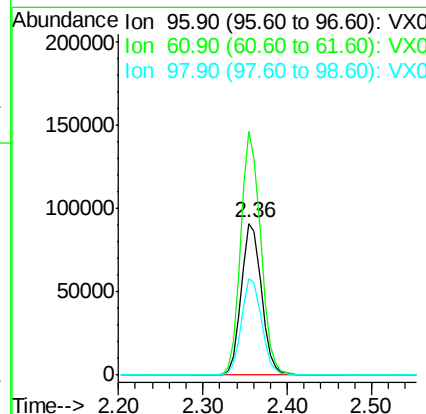
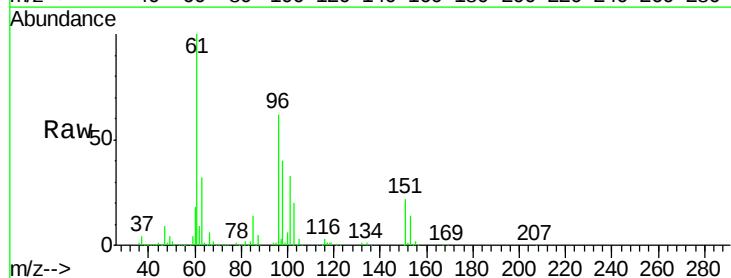
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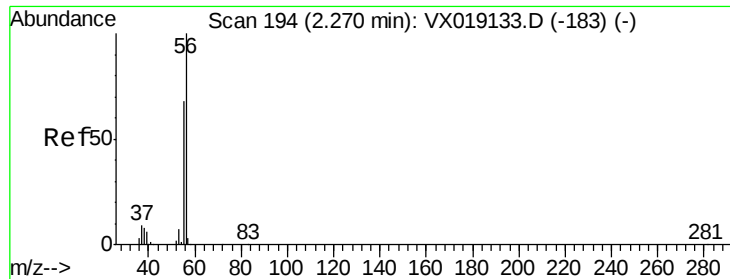


#12

1,1-Dichloroethene
Concen: 51.427 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX019162.D
Acq: 28 Oct 2020 14:05

Tgt Ion	Ratio	Lower	Upper
96	100		
61	160.6	127.7	191.5
98	63.9	52.1	78.1





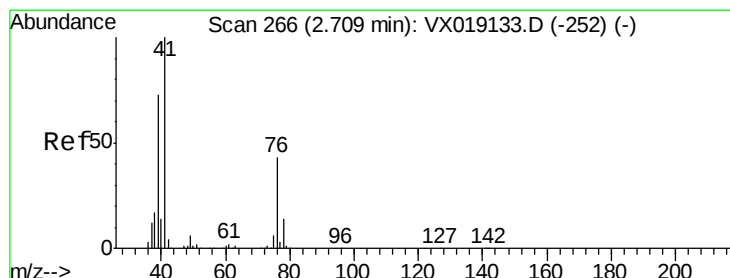
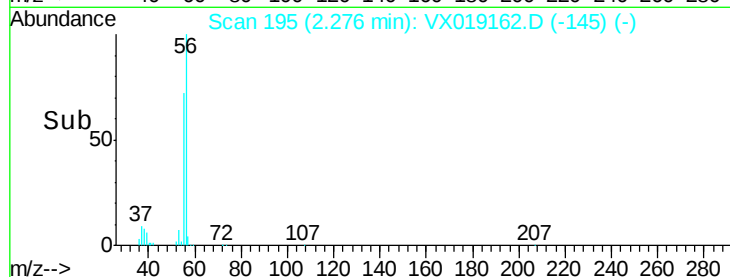
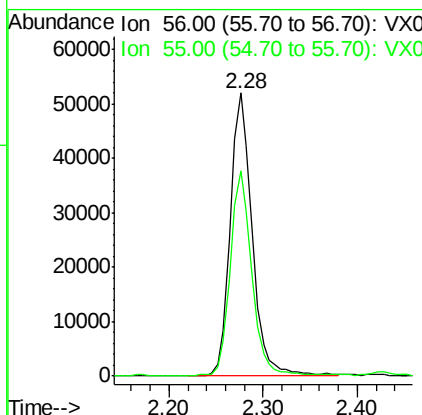
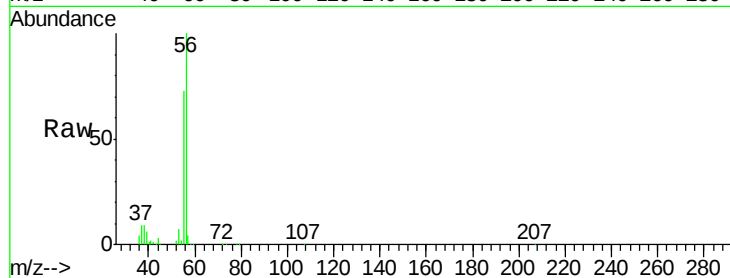
#13
Acrolein
Concen: 252.150 ug/l
RT: 2.28 min Scan# 195
Delta R.T. 0.01 min
Lab File: VX019162.D
Acq: 28 Oct 2020 14:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
55	71.1	54.7	82.1

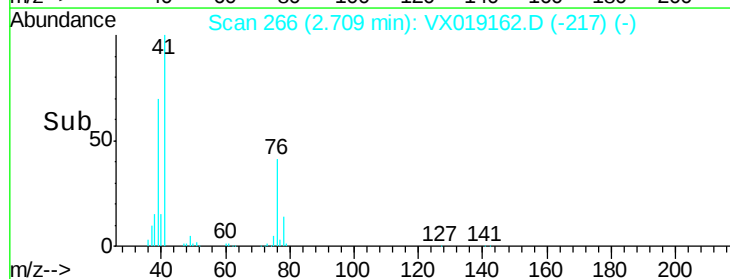
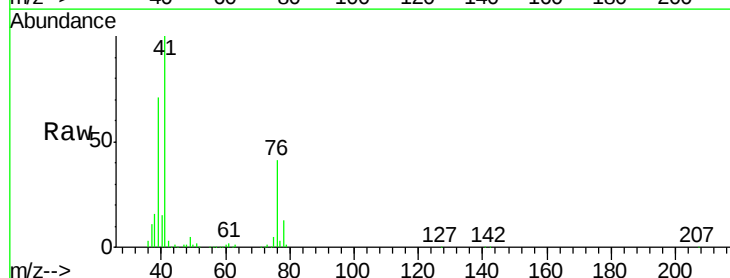
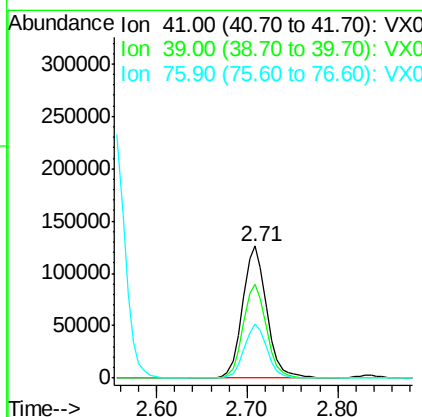
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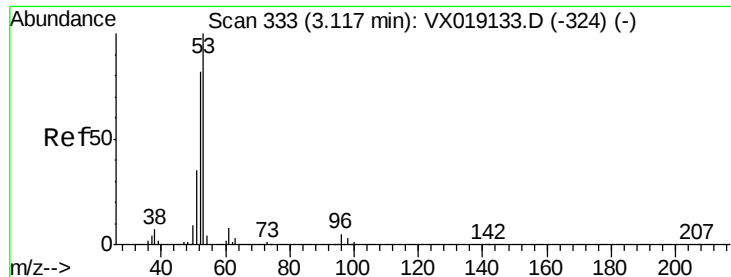
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#14
Allyl chloride
Concen: 53.527 ug/l
RT: 2.71 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX019162.D
Acq: 28 Oct 2020 14:05

Tgt Ion	Ratio	Lower	Upper
41	100		
39	68.6	55.2	82.8
76	38.6	31.5	47.3





#15

Acrylonitrile

Concen: 264.062 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX019162.D

Acq: 28 Oct 2020 14:05

Instrument :

MSVOA_X

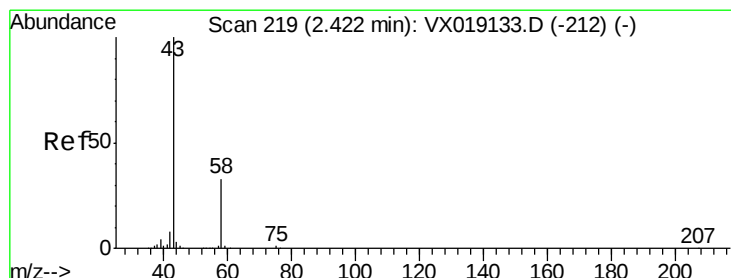
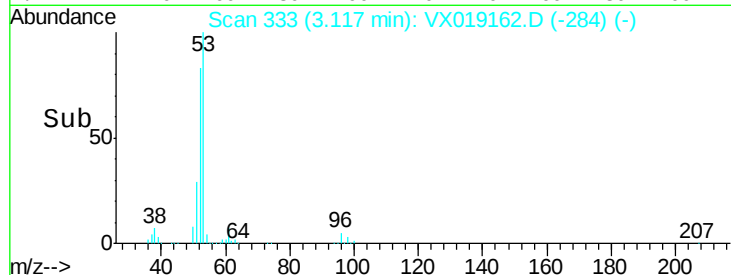
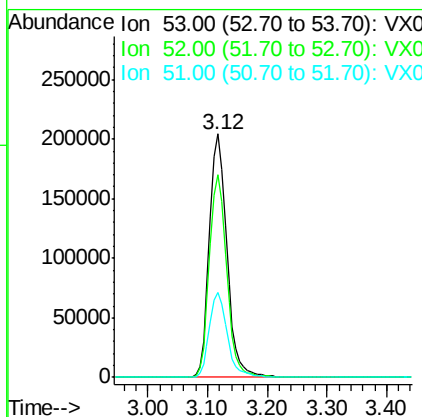
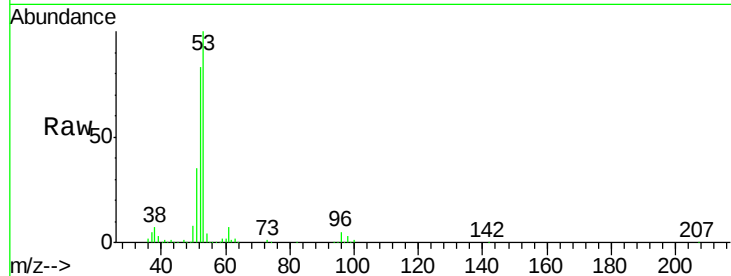
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	414261
Ion Ratio	Lower	Upper	
53	100		
52	82.2	65.7	98.5
51	35.2	28.4	42.6

Manual Integrations
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#16

Acetone

Concen: 274.088 ug/l

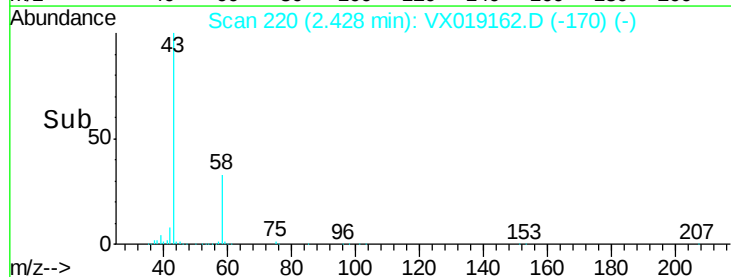
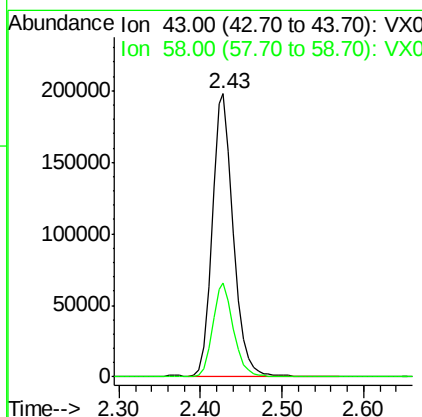
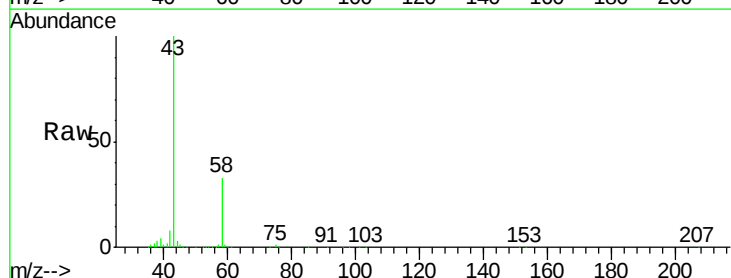
RT: 2.43 min Scan# 220

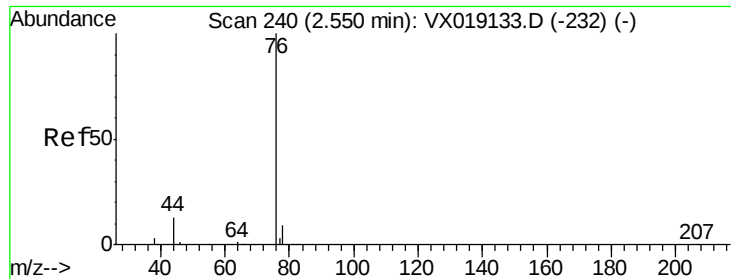
Delta R.T. 0.01 min

Lab File: VX019162.D

Acq: 28 Oct 2020 14:05

Tgt Ion:	43	Resp:	357403
Ion Ratio	Lower	Upper	
43	100		
58	33.2	26.3	39.5





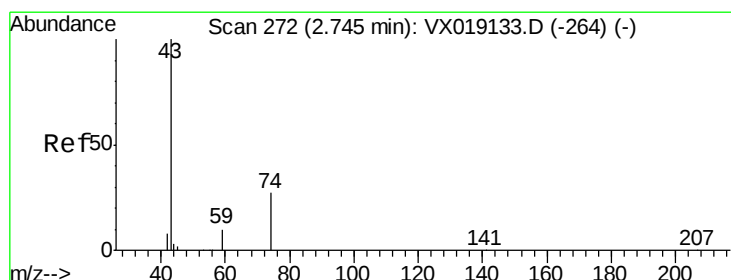
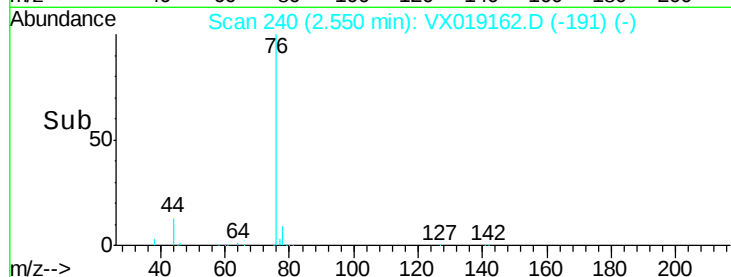
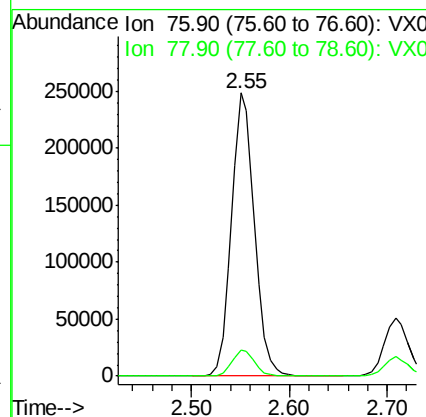
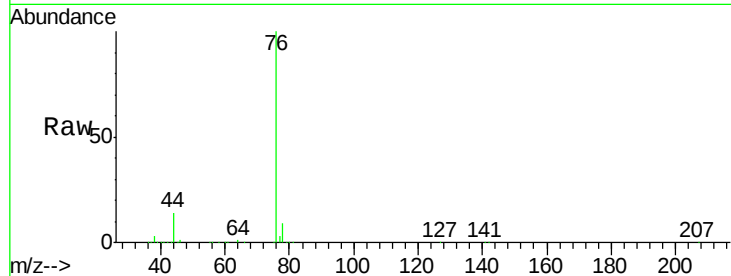
#17
Carbon Disulfide
Concen: 49.766 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX019162.D
Acq: 28 Oct 2020 14:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.3	10.9

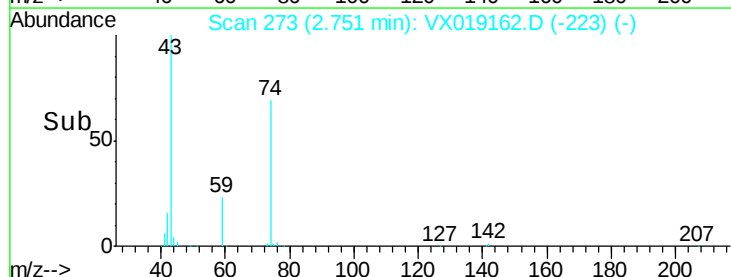
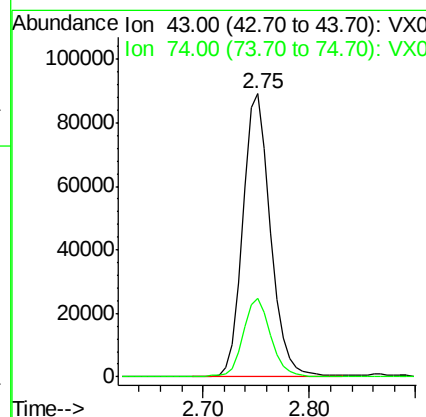
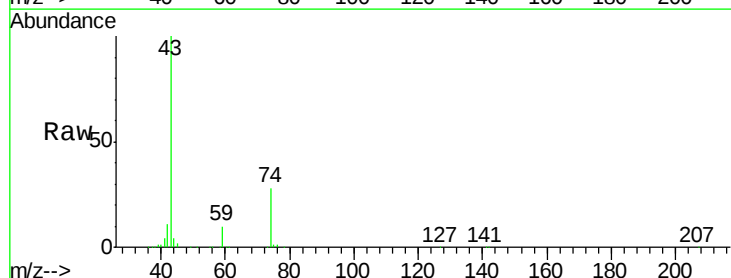
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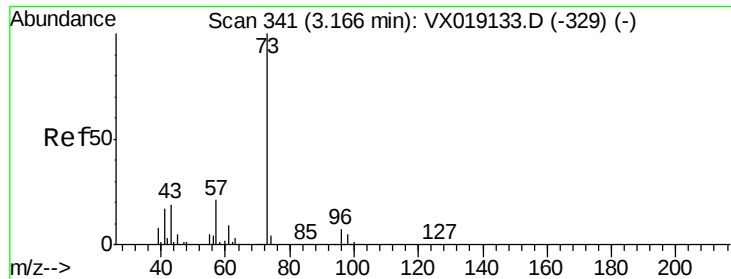
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#18
Methyl Acetate
Concen: 51.270 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.01 min
Lab File: VX019162.D
Acq: 28 Oct 2020 14:05

Tgt Ion	Ratio	Lower	Upper
43	100		
74	28.0	22.6	33.8





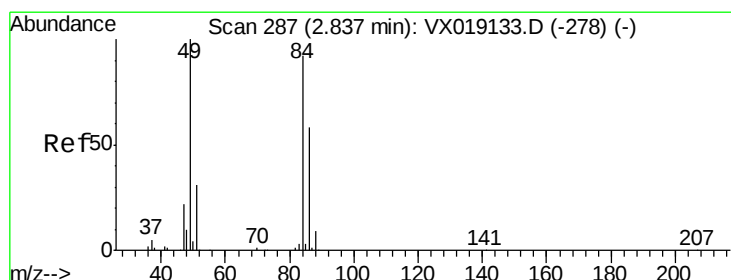
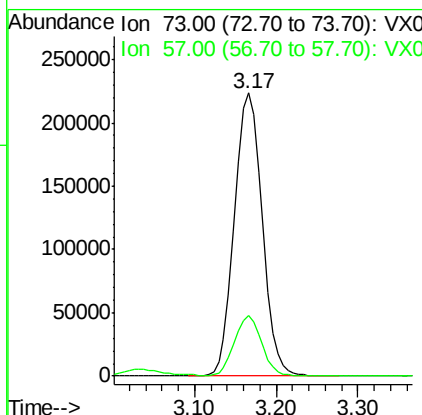
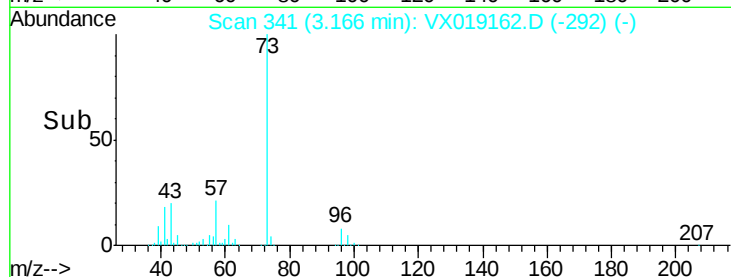
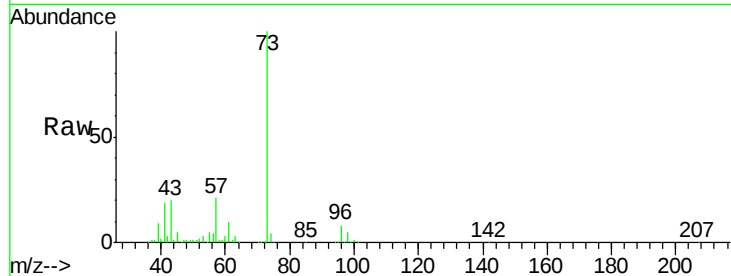
#19
Methvl tert-butvl Ether
Concen: 53.554 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX019162.D
Acq: 28 Oct 2020 14:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.2	16.6	25.0

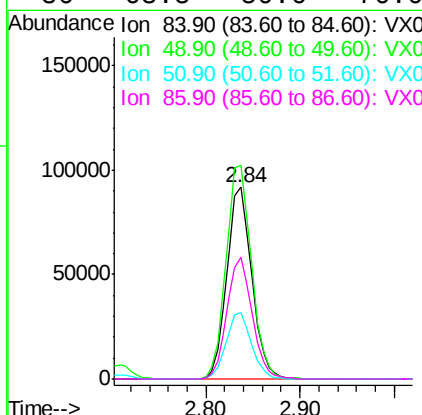
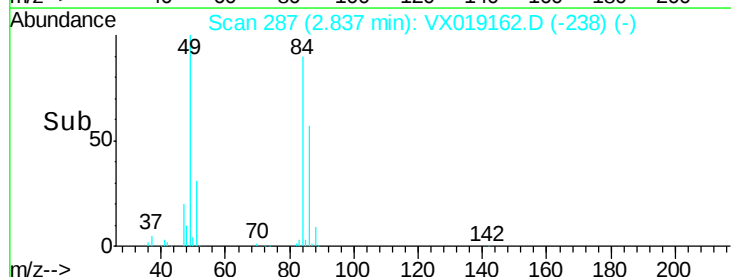
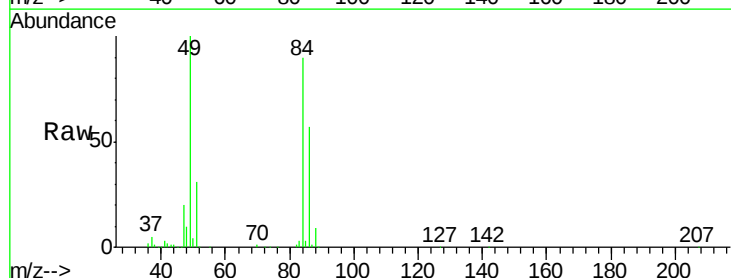
Manual Integrations
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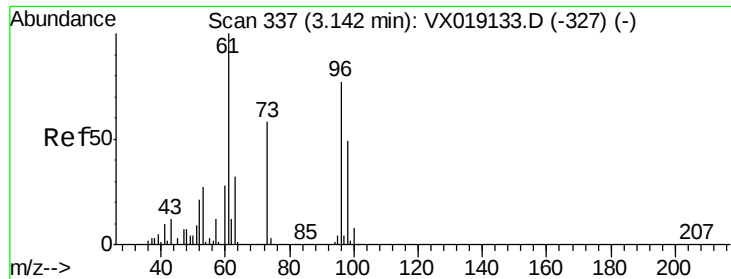
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#20
Methylene Chloride
Concen: 51.747 ug/l
RT: 2.84 min Scan# 287
Delta R.T. -0.00 min
Lab File: VX019162.D
Acq: 28 Oct 2020 14:05

Tgt Ion	Ratio	Lower	Upper
84	100		
49	111.3	86.8	130.2
51	34.5	27.3	40.9
86	63.5	50.6	76.0





#21

trans-1,2-Dichloroethene

Concen: 50.424 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX019162.D

Acq: 28 Oct 2020 14:05

Instrument :

MSVOA_X

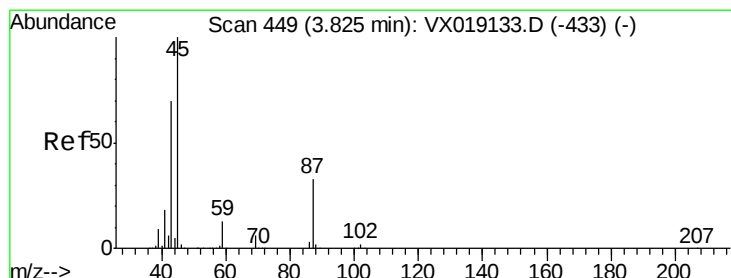
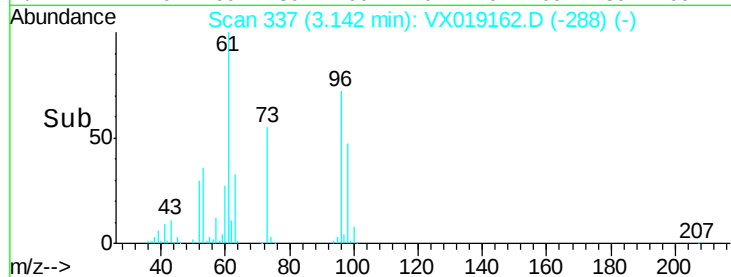
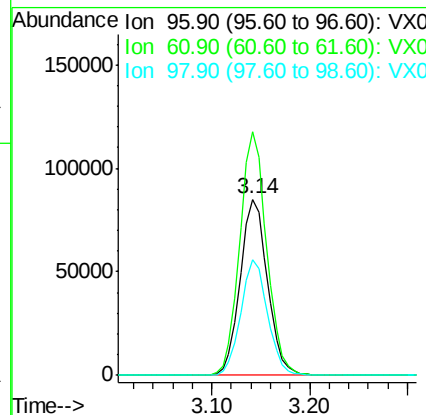
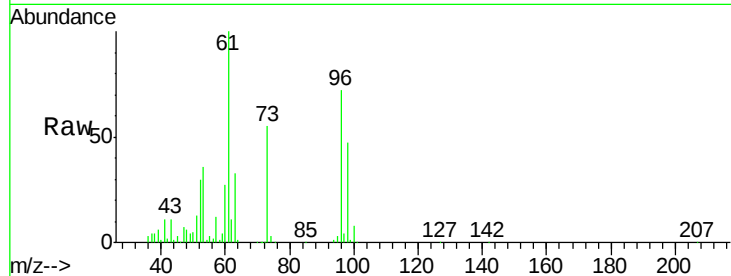
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	164855
Ion	Ratio	Lower	Upper
96	100		
61	138.4	104.2	156.4
98	65.5	51.3	76.9

Manual Integrations
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#22

Diisopropyl ether

Concen: 55.291 ug/l

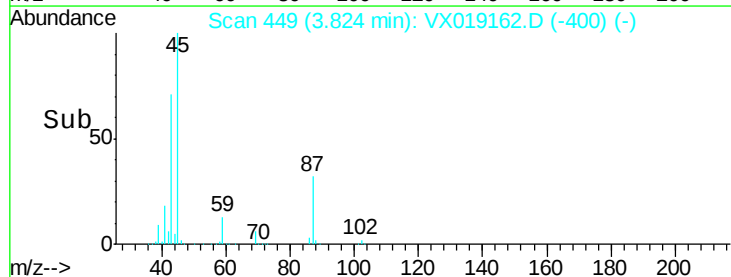
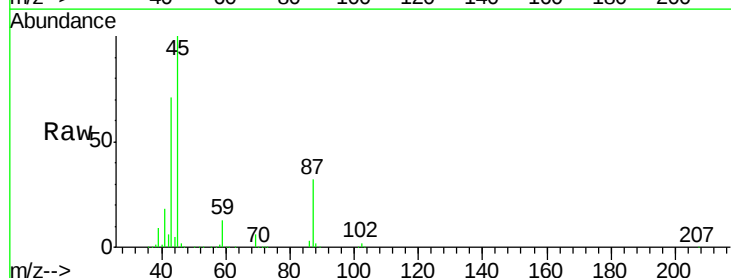
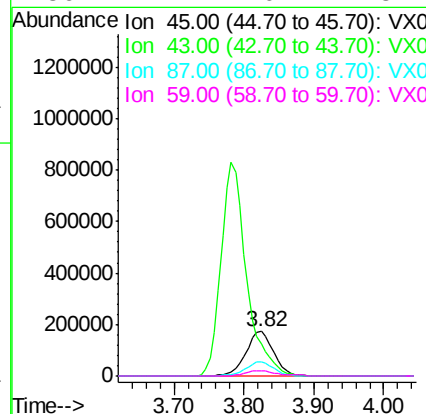
RT: 3.82 min Scan# 449

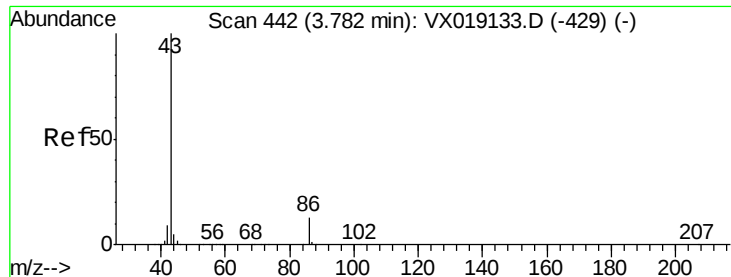
Delta R.T. -0.00 min

Lab File: VX019162.D

Acq: 28 Oct 2020 14:05

Tgt Ion:	45	Resp:	474283
Ion	Ratio	Lower	Upper
45	100		
43	70.4	56.2	84.4
87	31.5	26.2	39.2
59	12.7	10.1	15.1





#23

Vinyl Acetate

Concen: 275.983 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.00 min

Lab File: VX019162.D

Acq: 28 Oct 2020 14:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 2111107

Ion Ratio Lower Upper

43 100

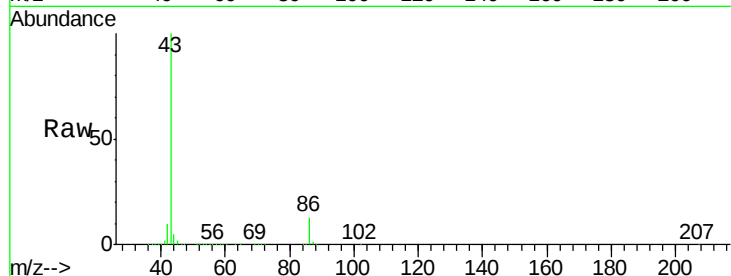
86 12.6 10.4 15.6

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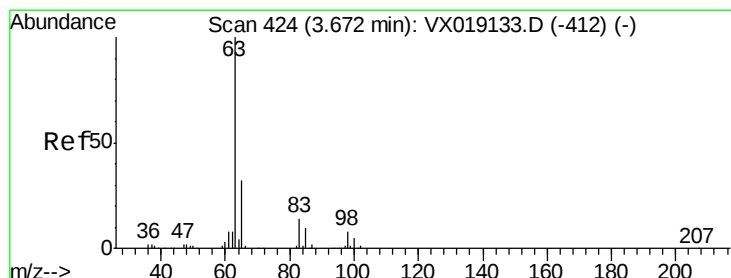
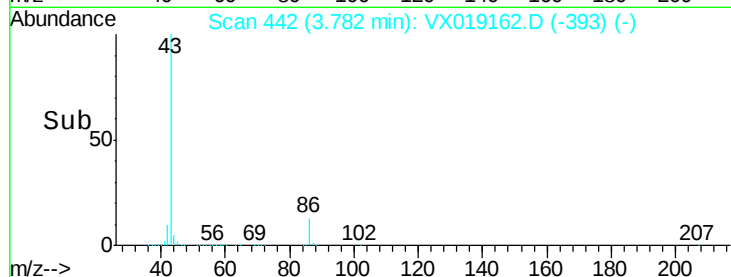
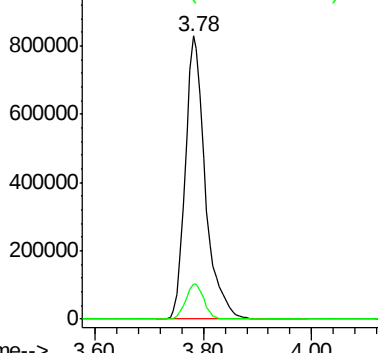
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 53.692 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX019162.D

Acq: 28 Oct 2020 14:05

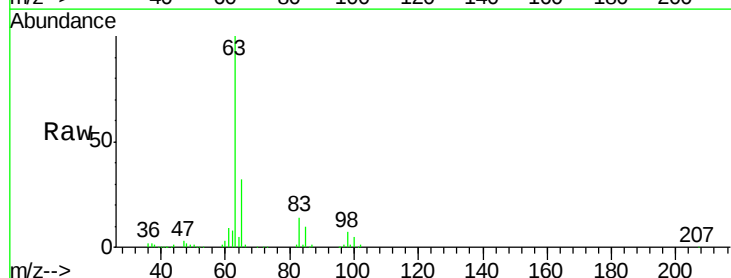
Tgt Ion: 63 Resp: 287558

Ion Ratio Lower Upper

63 100

98 7.3 3.8 11.4

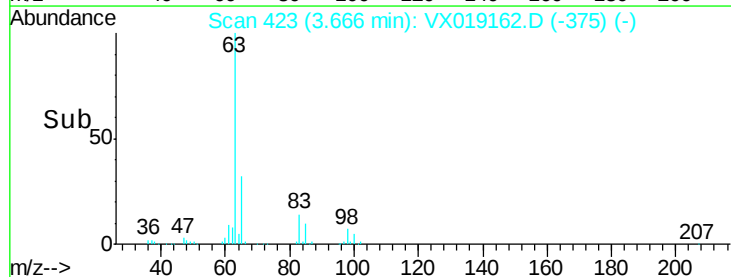
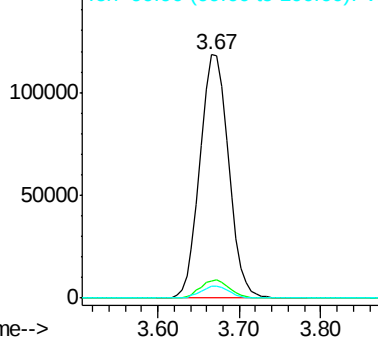
100 4.8 2.4 7.2

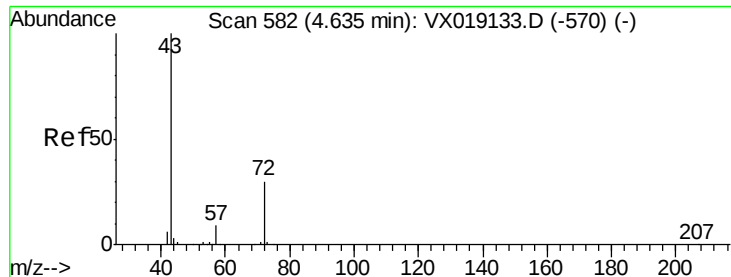


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 271.757 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX019162.D

Acq: 28 Oct 2020 14:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 558478

Ion Ratio Lower Upper

43 100

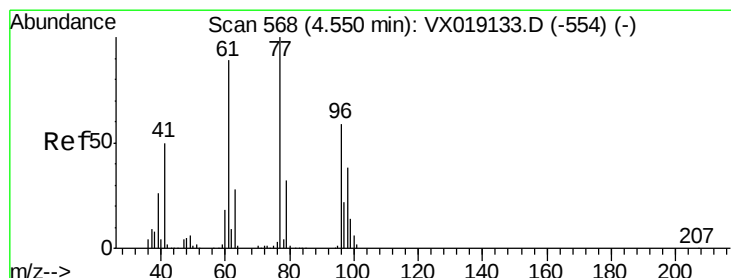
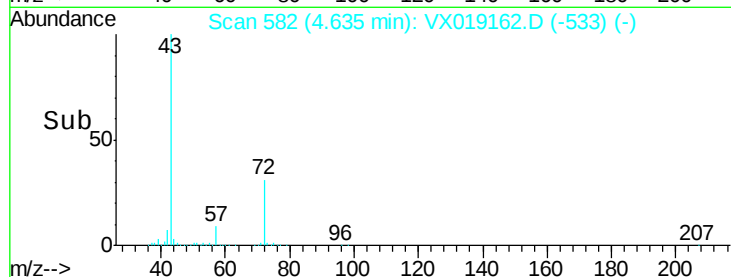
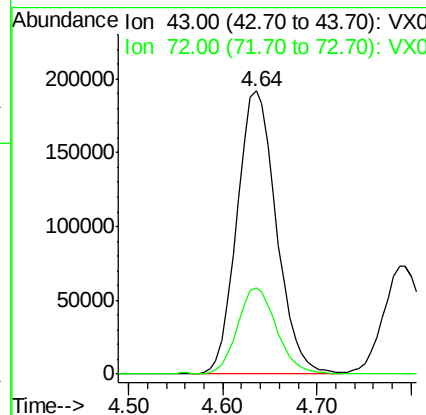
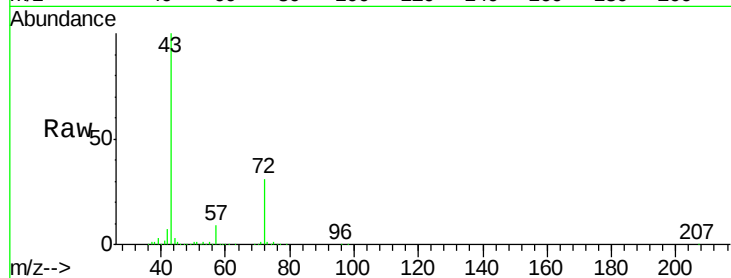
72 30.4 24.6 36.8

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 53.721 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX019162.D

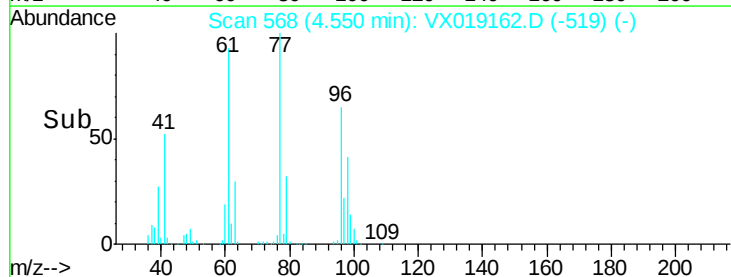
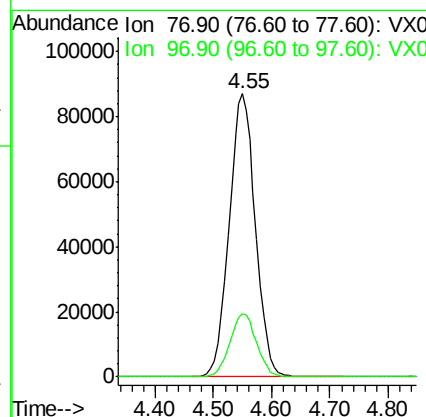
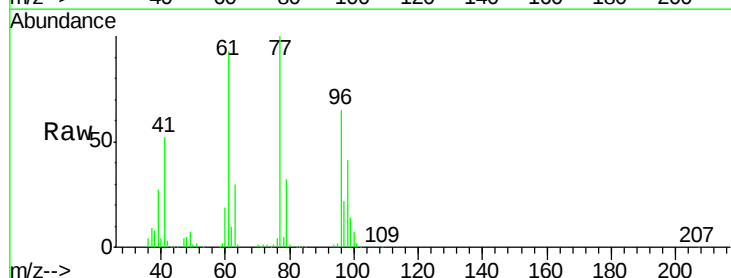
Acq: 28 Oct 2020 14:05

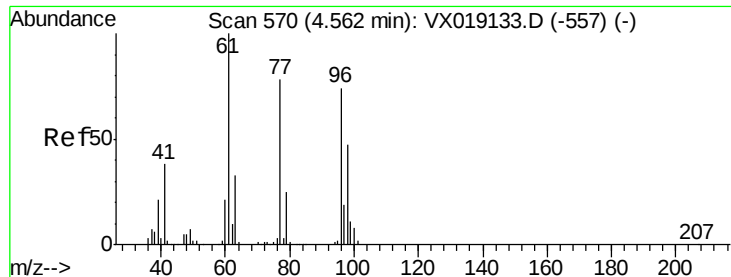
Tgt Ion: 77 Resp: 270479

Ion Ratio Lower Upper

77 100

97 22.6 11.4 34.1





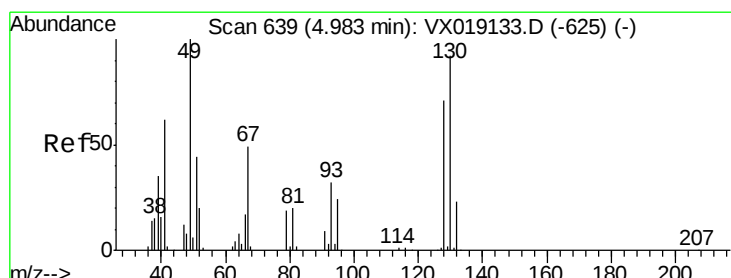
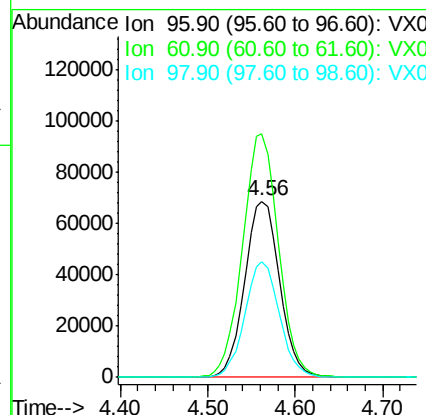
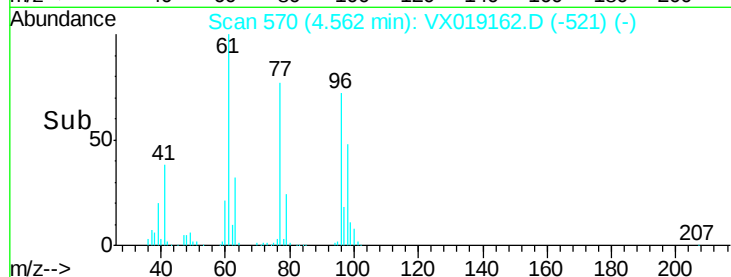
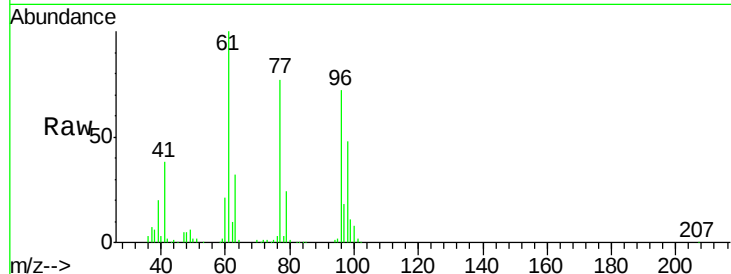
#27
 cis-1,2-Dichloroethene
 Concen: 52.327 ug/l
 RT: 4.56 min Scan# 570
 Delta R.T. -0.00 min
 Lab File: VX019162.D
 Acq: 28 Oct 2020 14:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	191168		
61	142.2	0.0	278.8	
98	64.8	0.0	130.2	

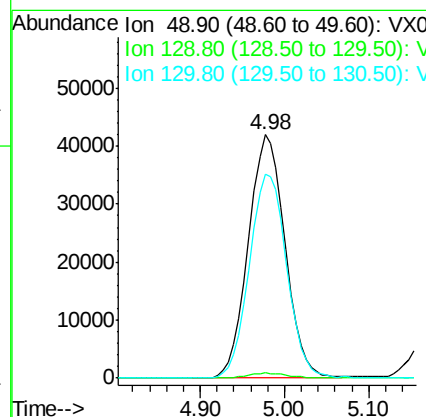
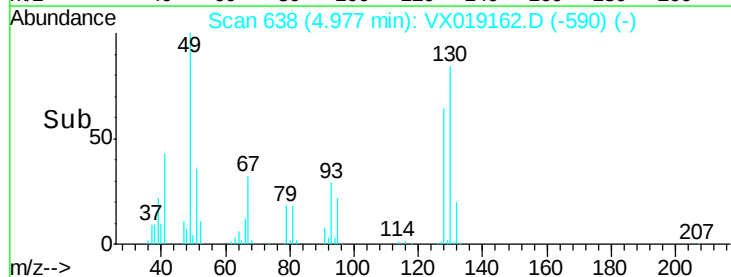
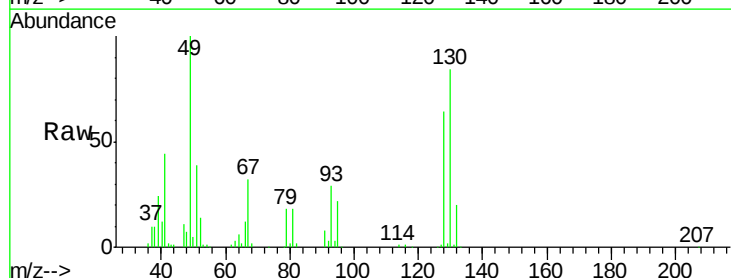
Manual Integrations
 APPROVED

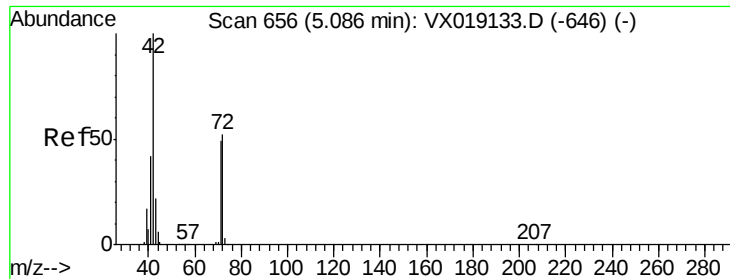
MMDadoda
 10/29/2020 9:45:46 AM



#28
 Bromochloromethane
 Concen: 51.087 ug/l
 RT: 4.98 min Scan# 638
 Delta R.T. -0.01 min
 Lab File: VX019162.D
 Acq: 28 Oct 2020 14:05

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	124386		
129	2.1	0.0	4.4	
130	85.5	71.3	106.9	





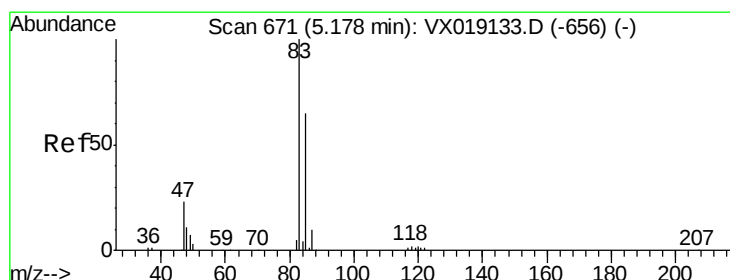
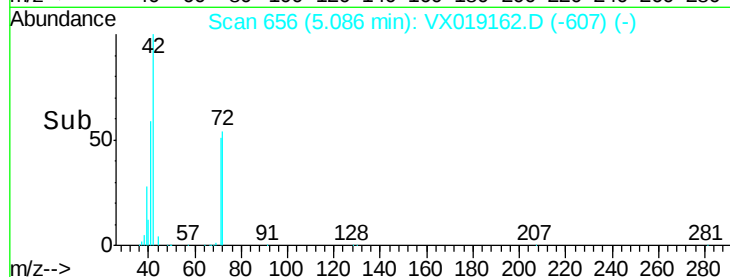
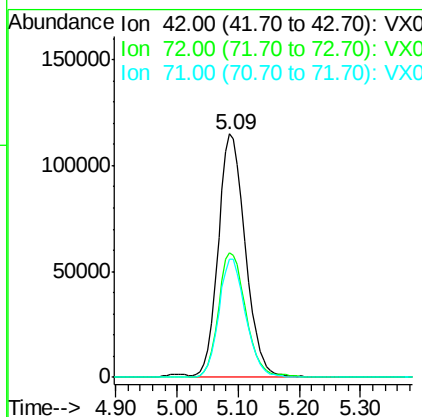
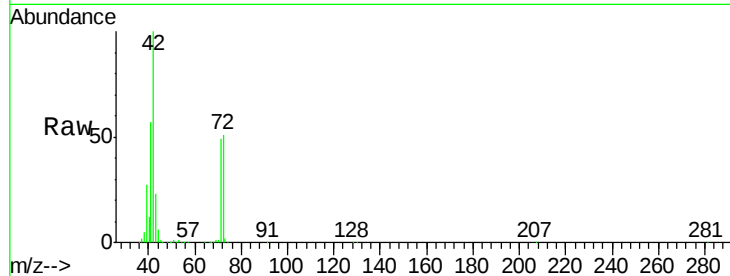
#29
Tetrahydrofuran
Concen: 272.149 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX019162.D
Acq: 28 Oct 2020 14:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	52.2	42.6	63.8
71	48.5	39.7	59.5

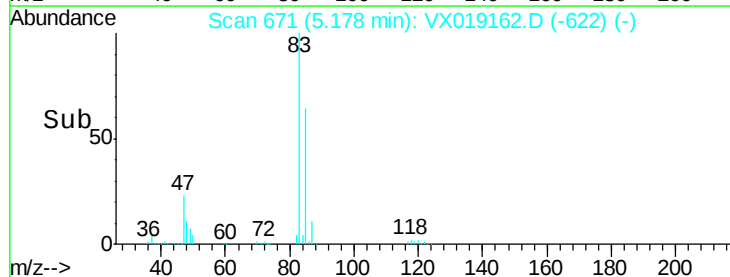
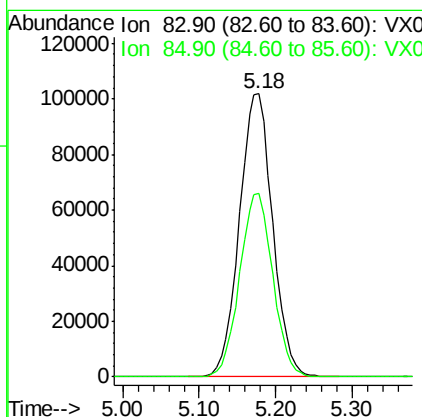
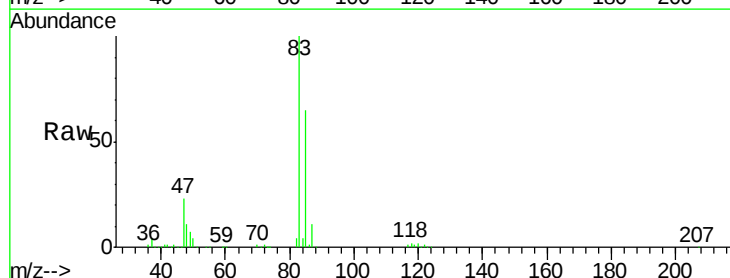
Manual Integrations
APPROVED

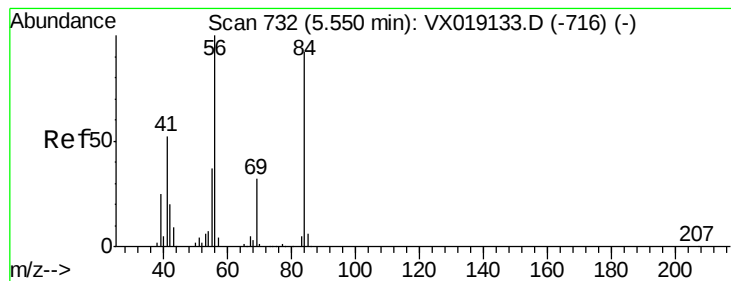
MMDadoda
10/29/2020 9:45:46 AM



#30
Chloroform
Concen: 53.889 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX019162.D
Acq: 28 Oct 2020 14:05

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.7	51.9	77.9





#31

Cyclohexane

Concen: 53.358 ug/l

RT: 5.55 min Scan# 732

Delta R.T. -0.00 min

Lab File: VX019162.D

Acq: 28 Oct 2020 14:05

Instrument :

MSVOA_X

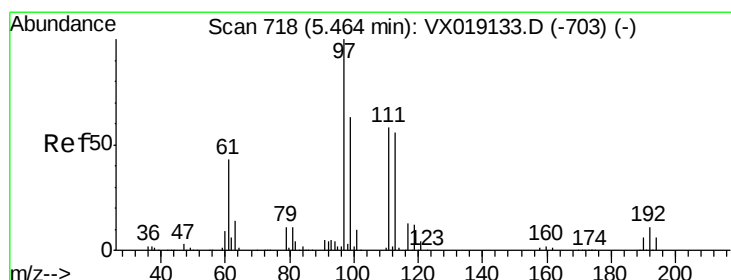
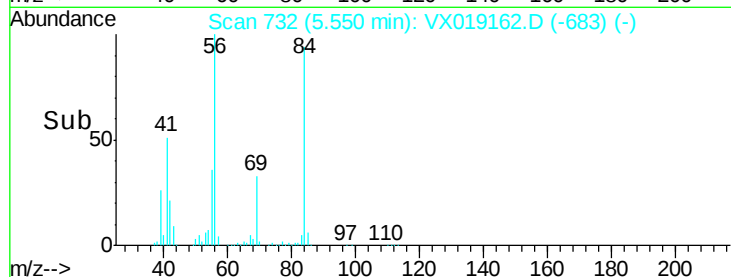
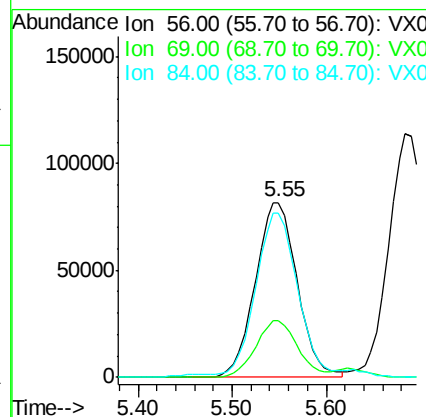
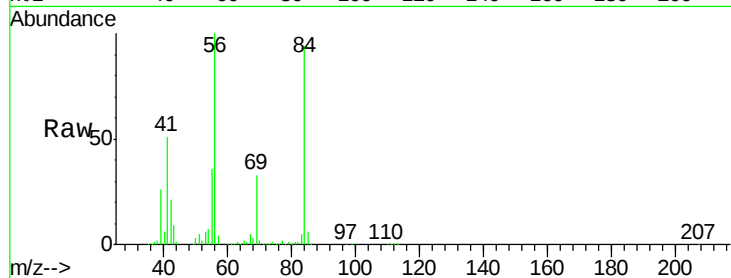
ClientSampleId :

VSTDCCC050EC

Tot Ion:	56	Resp:	254941
Ion	Ratio	Lower	Upper
56	100		
69	32.7	25.9	38.9
84	92.1	73.4	110.2

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 53.805 ug/l

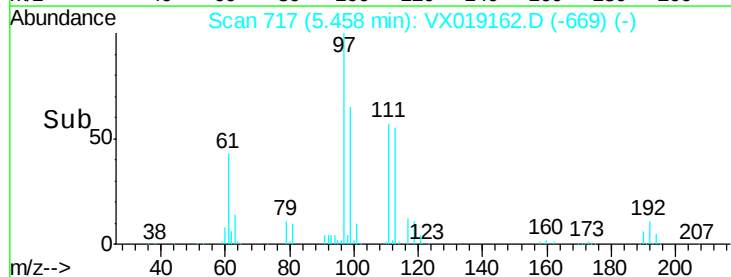
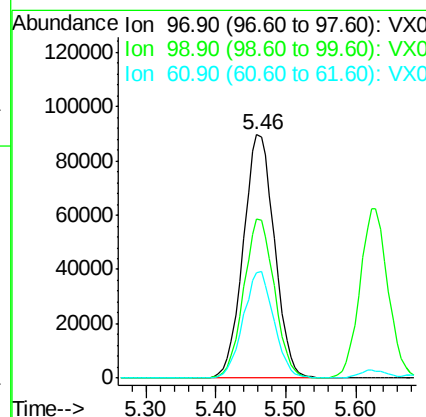
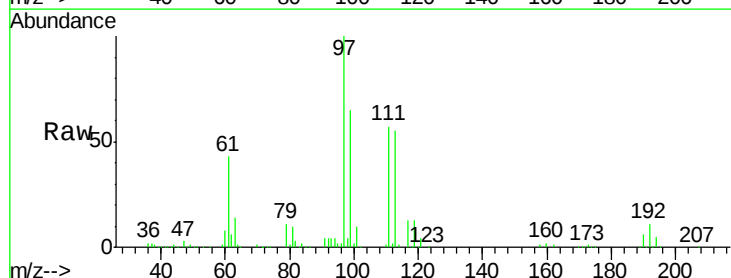
RT: 5.46 min Scan# 717

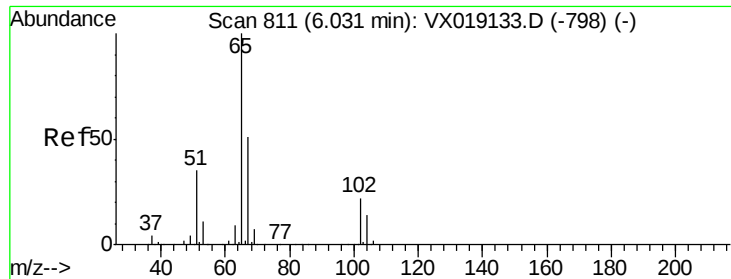
Delta R.T. -0.01 min

Lab File: VX019162.D

Acq: 28 Oct 2020 14:05

Tgt Ion:	97	Resp:	278090
Ion	Ratio	Lower	Upper
97	100		
99	64.4	51.7	77.5
61	43.0	34.2	51.2





#33

1,2-Dichloroethane-d4

Concen: 47.790 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX019162.D

Acq: 28 Oct 2020 14:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 65 Resp: 180638

Ion Ratio Lower Upper

65 100

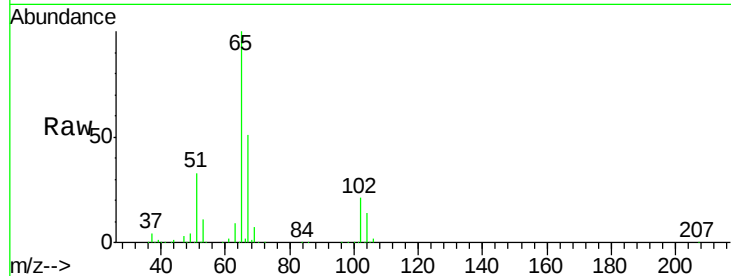
67 51.4 0.0 103.0

Manual Integrations

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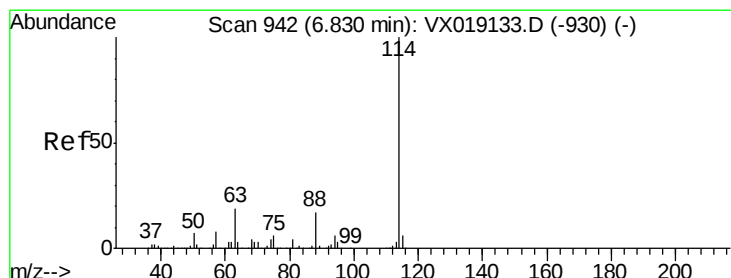
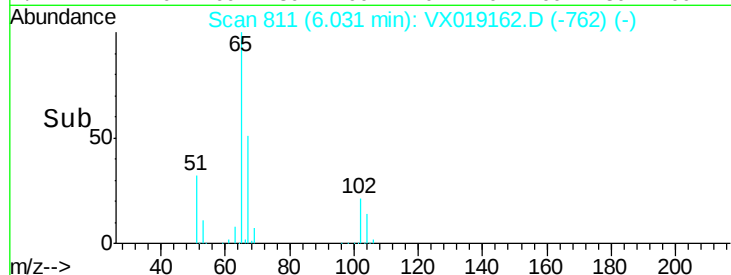
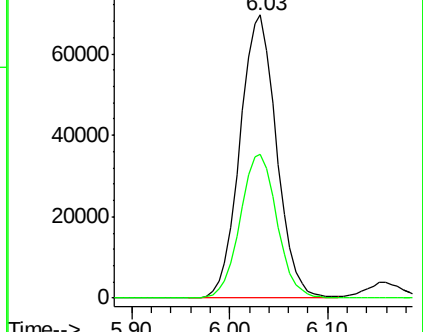
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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX019162.D

Acq: 28 Oct 2020 14:05

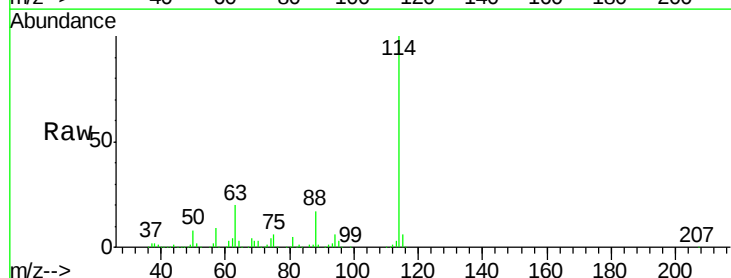
Tgt Ion: 114 Resp: 476680

Ion Ratio Lower Upper

114 100

63 20.1 0.0 38.8

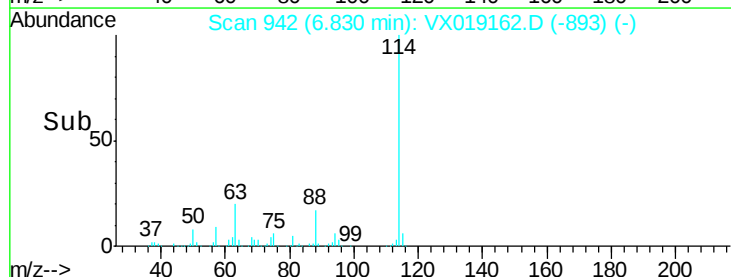
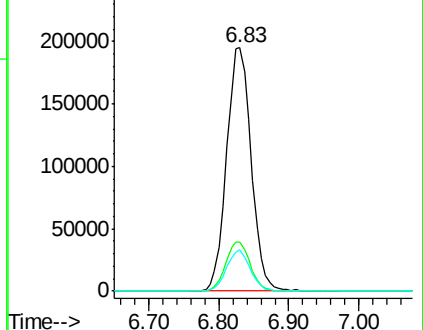
88 16.8 0.0 34.2

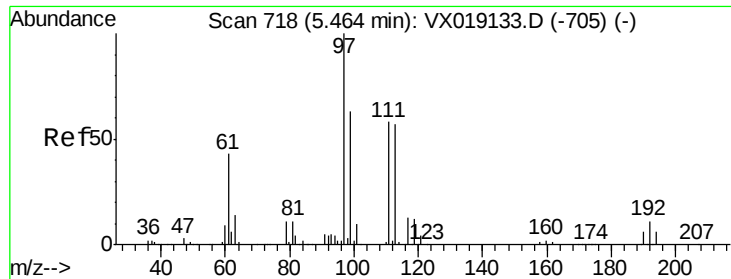


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





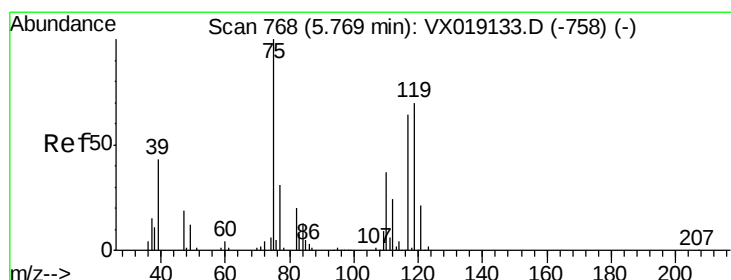
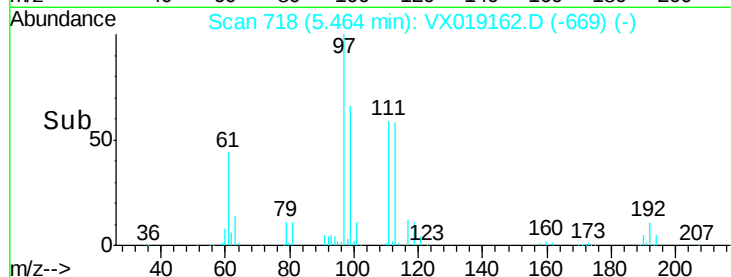
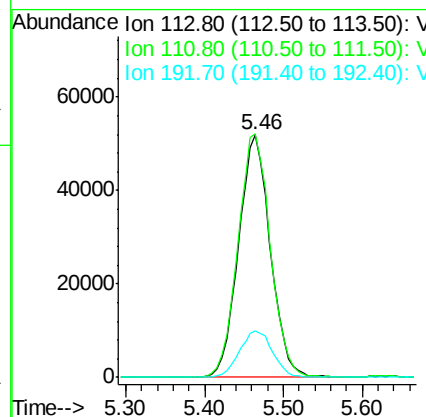
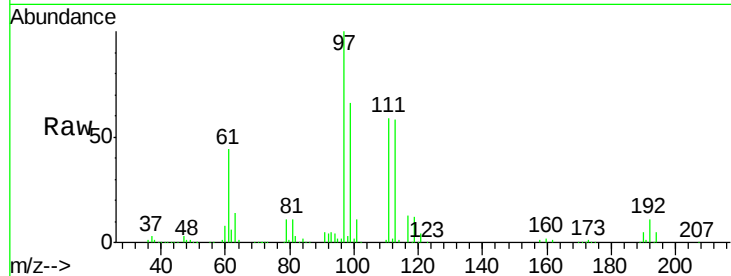
#35
Dibromofluoromethane
Concen: 48.361 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX019162.D
Acq: 28 Oct 2020 14:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	144801		
111	102.7	82.3	123.5	
192	20.2	16.2	24.2	

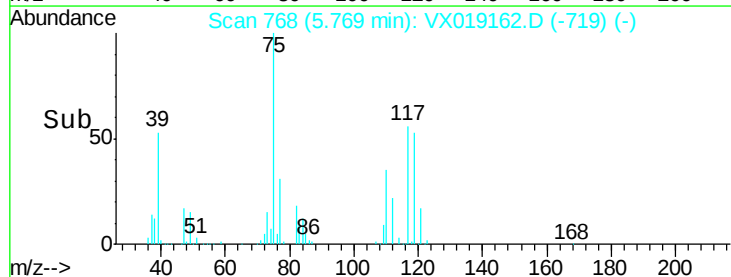
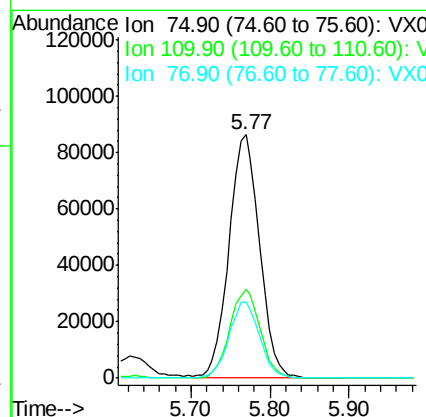
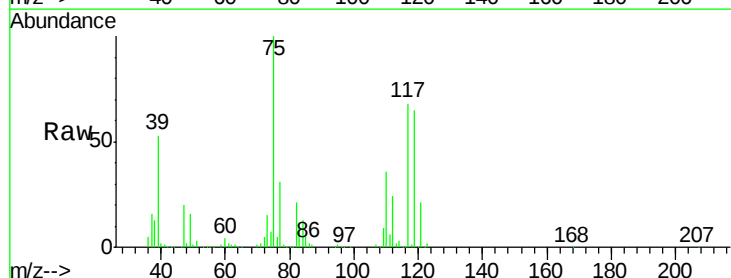
Manual Integrations
APPROVED

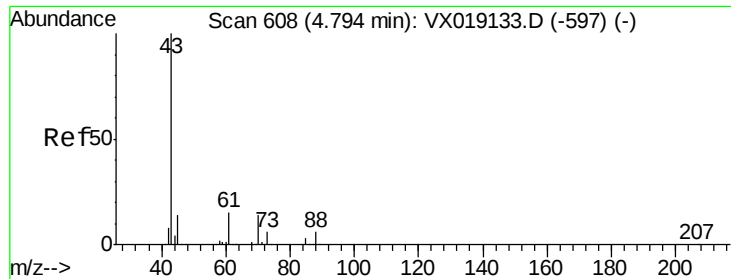
MMDadoda
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#36
1,1-Dichloropropene
Concen: 52.776 ug/l
RT: 5.77 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX019162.D
Acq: 28 Oct 2020 14:05

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	232311		
110	36.5	18.3	54.9	
77	31.0	24.9	37.3	





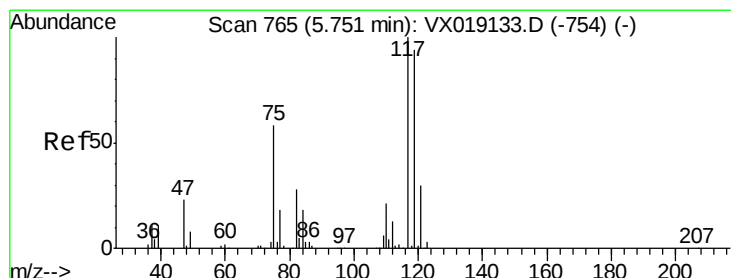
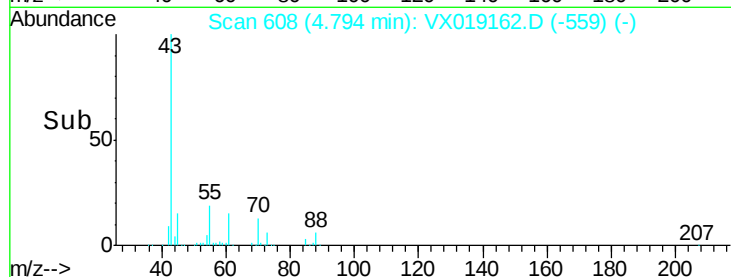
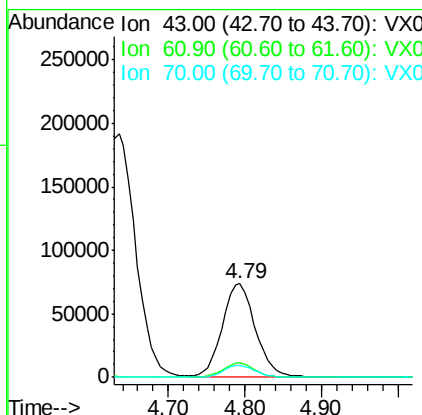
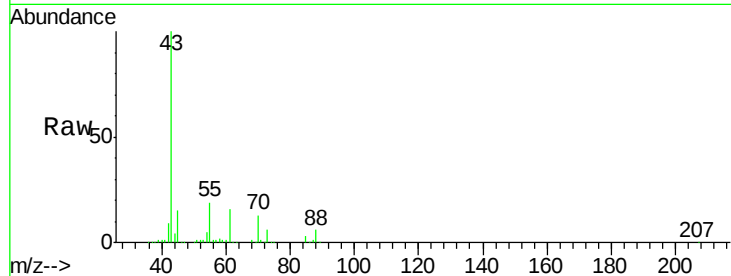
#37
Ethyl Acetate
Concen: 53.987 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX019162.D
Acq: 28 Oct 2020 14:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.2	12.5	18.7
70	12.6	10.5	15.7

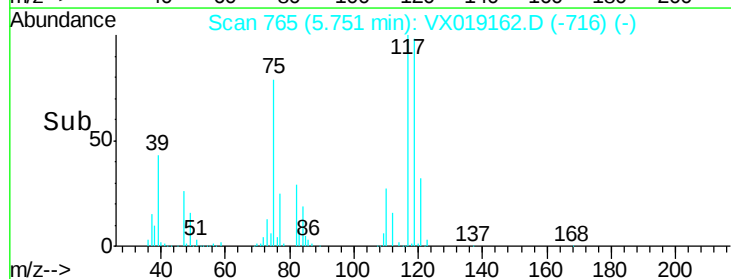
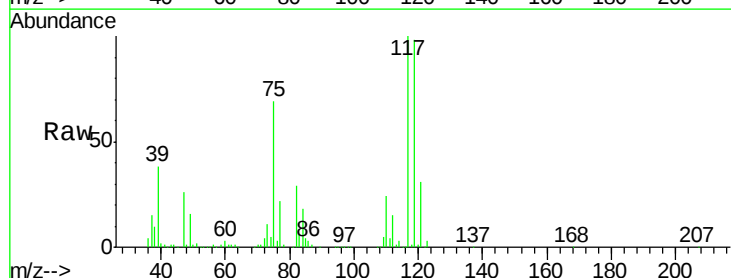
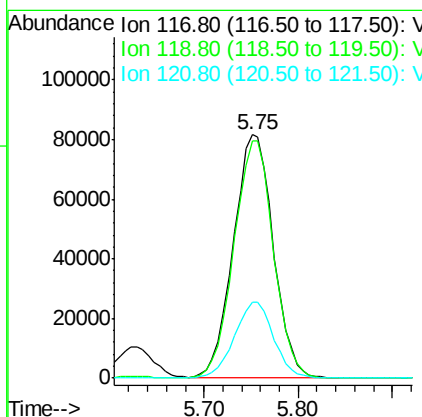
Manual Integrations
APPROVED

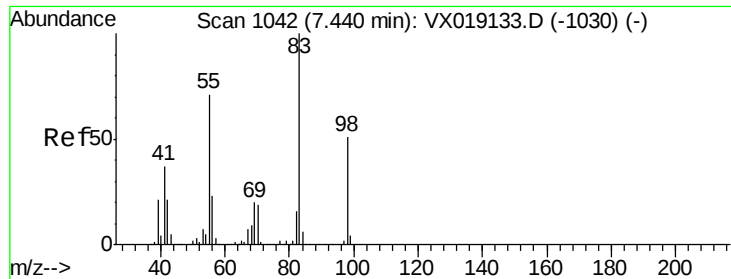
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#38
Carbon Tetrachloride
Concen: 53.739 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX019162.D
Acq: 28 Oct 2020 14:05

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.5	75.0	112.6
121	31.1	23.9	35.9





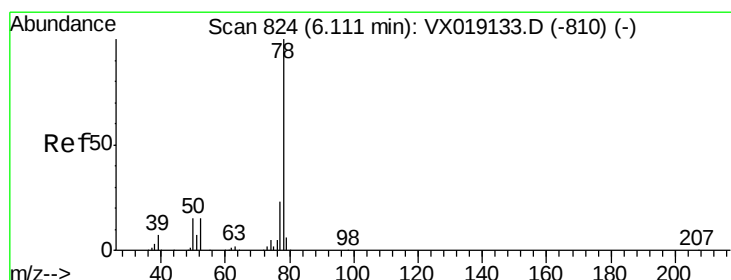
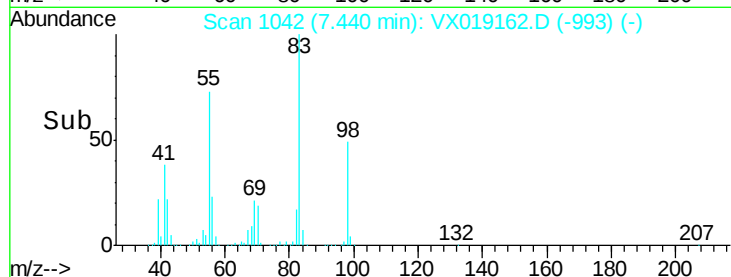
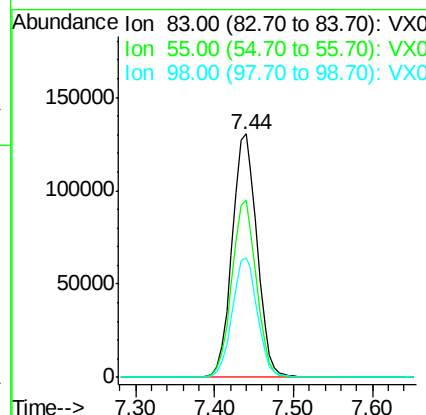
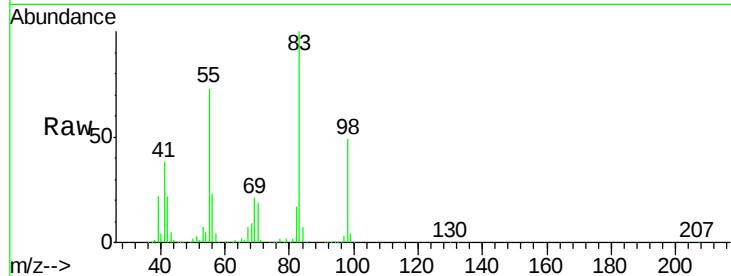
#39
Methylvlcyclohexane
Concen: 54.359 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX019162.D
Acq: 28 Oct 2020 14:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	72.9	57.0	85.6
98	49.0	40.5	60.7

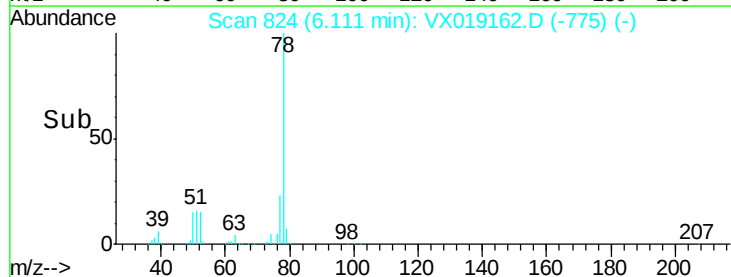
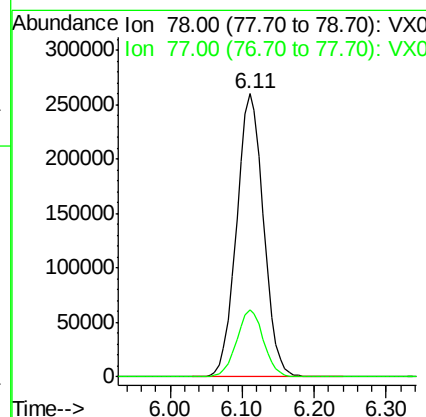
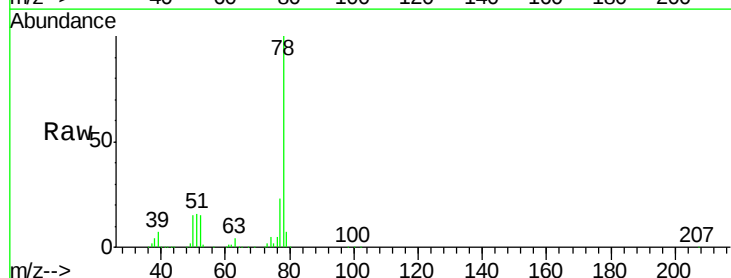
Manual Integrations
APPROVED

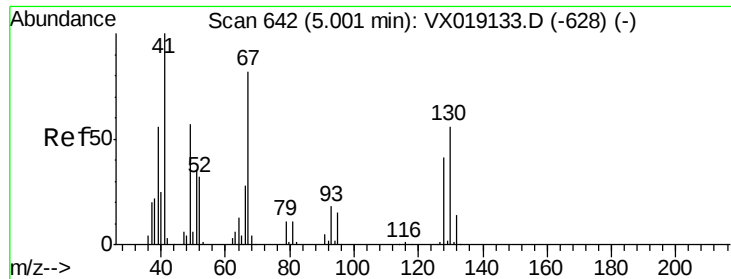
MMDadoda
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#40
Benzene
Concen: 54.094 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX019162.D
Acq: 28 Oct 2020 14:05

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	18.7	28.1





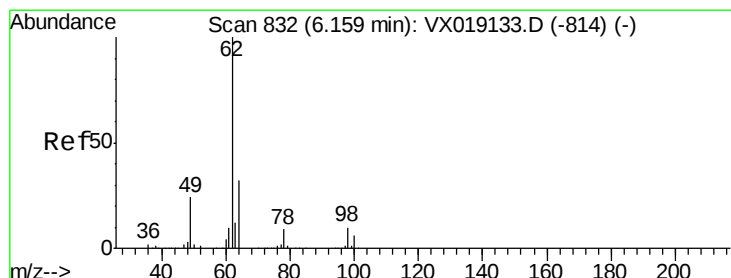
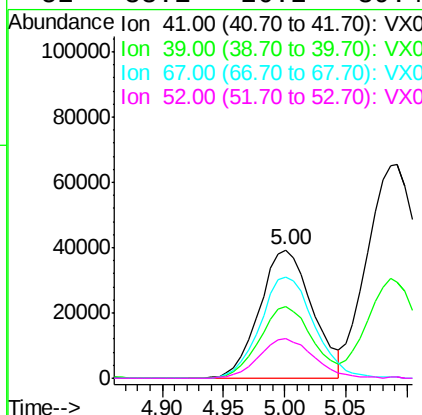
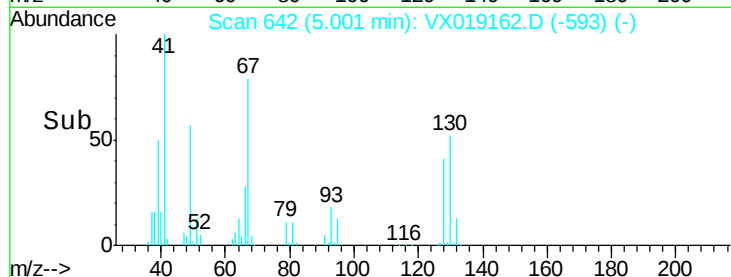
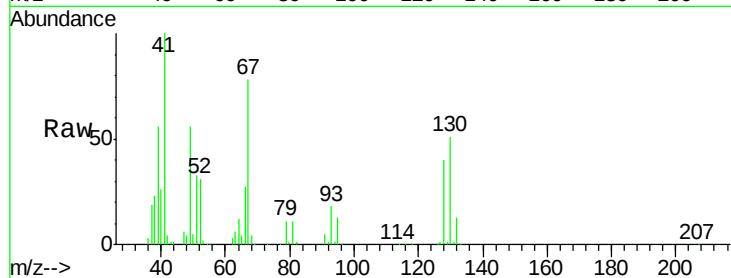
#41
Methacrylonitrile
Concen: 53.690 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.00 min
Lab File: VX019162.D
Acq: 28 Oct 2020 14:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	55.6	44.4	66.6	
67	81.3	66.4	99.6	
52	33.1	26.2	39.4	

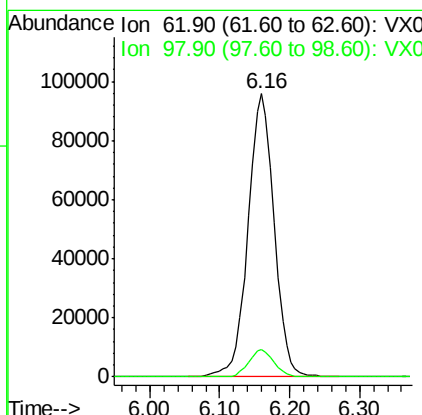
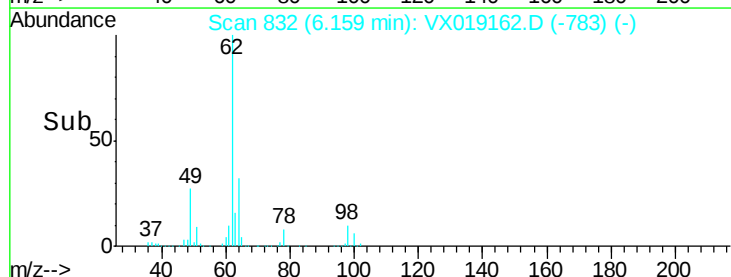
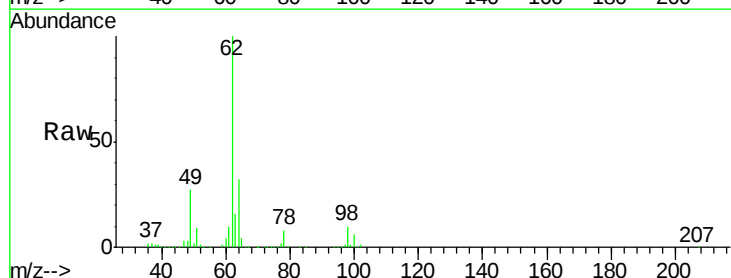
Manual Integrations
APPROVED

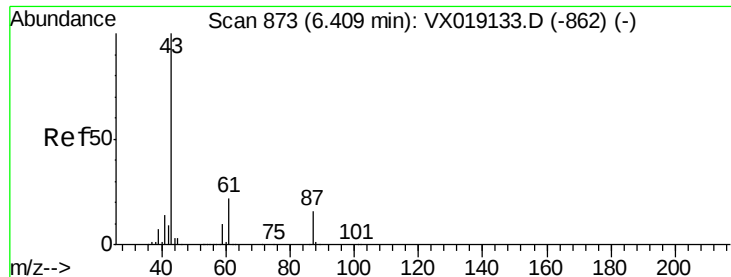
MMDadoda
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#42
1,2-Dichloroethane
Concen: 54.044 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.00 min
Lab File: VX019162.D
Acq: 28 Oct 2020 14:05

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





#43

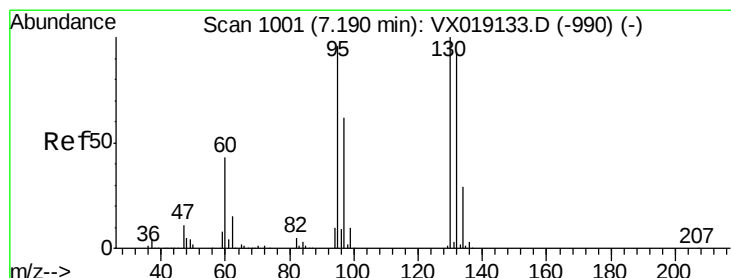
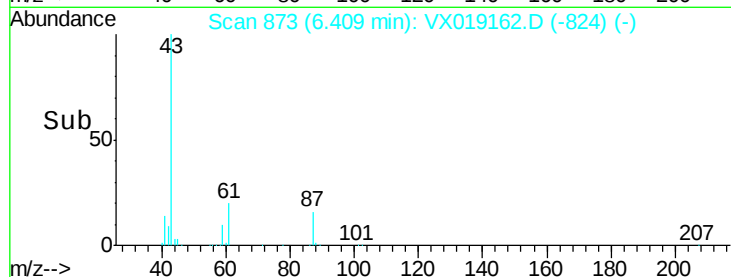
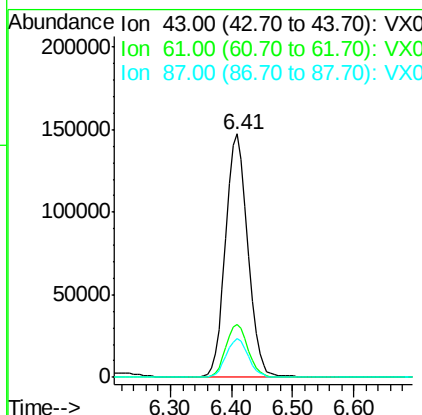
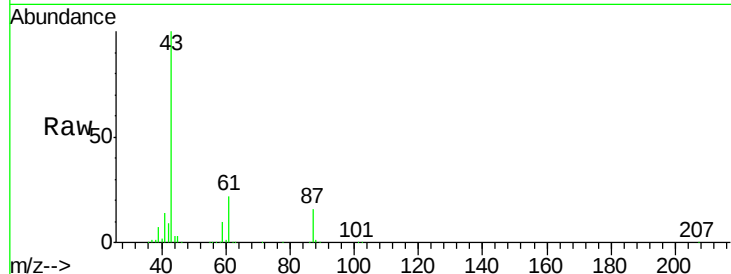
Isopropyl Acetate
 Concen: 53.844 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. -0.00 min
 Lab File: VX019162.D
 Acq: 28 Oct 2020 14:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

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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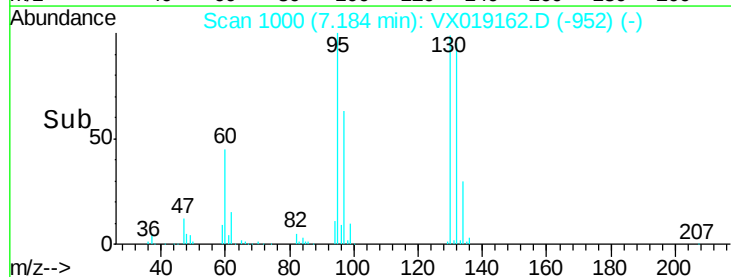
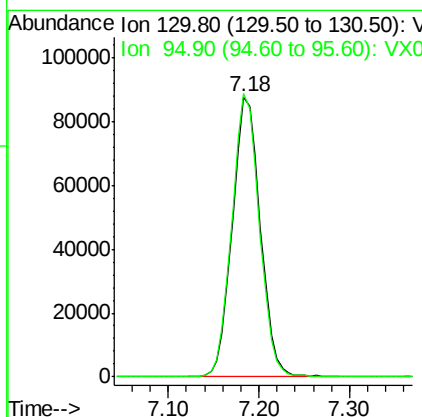
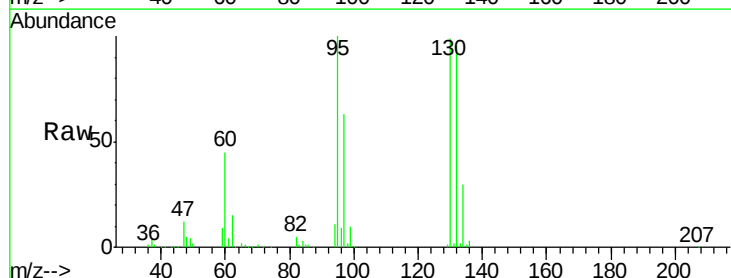
MMDadoda
 10/29/2020 9:45:46 AM

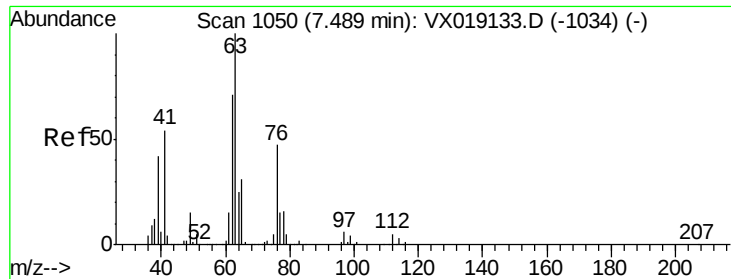


#44

Trichloroethene
 Concen: 52.573 ug/l
 RT: 7.18 min Scan# 1000
 Delta R.T. -0.01 min
 Lab File: VX019162.D
 Acq: 28 Oct 2020 14:05

Tgt Ion	Ratio	Lower	Upper
130	100		
95	101.0	0.0	192.0





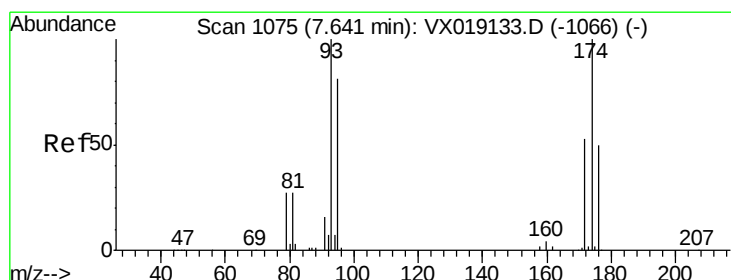
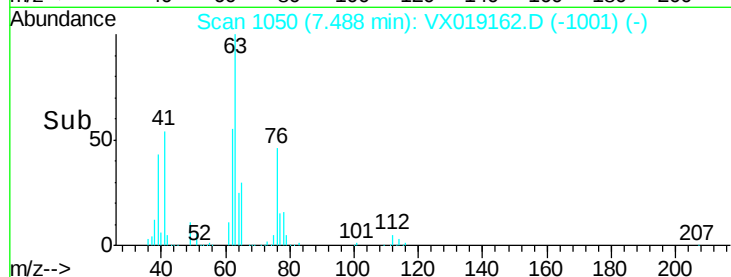
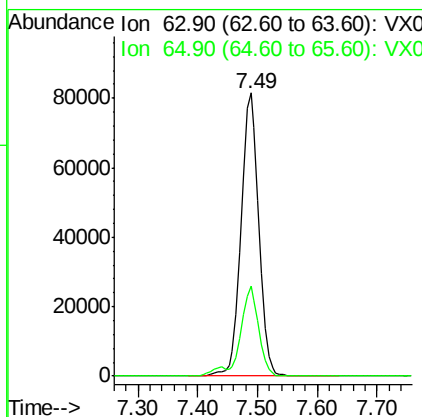
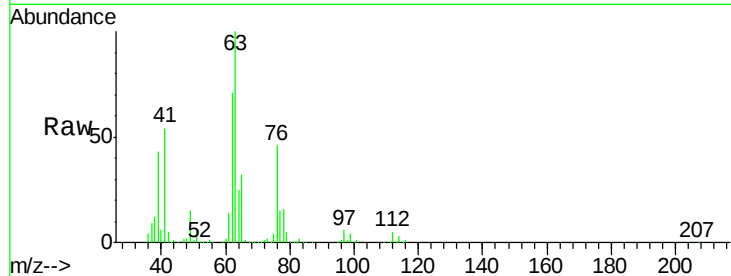
#45
 1,2-Dichloropropane
 Concen: 55.419 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VX019162.D
 Acq: 28 Oct 2020 14:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 169410
 Ion Ratio Lower Upper
 63 100
 65 31.8 25.2 37.8

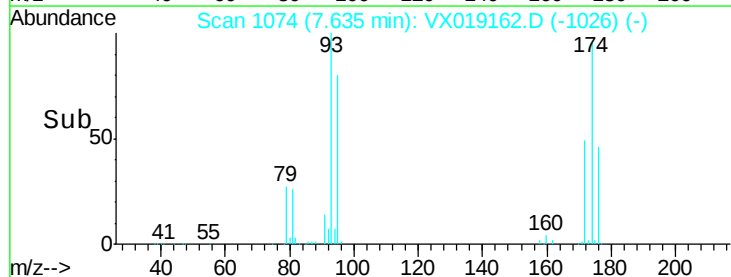
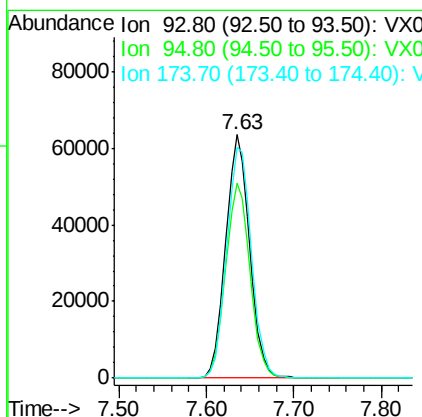
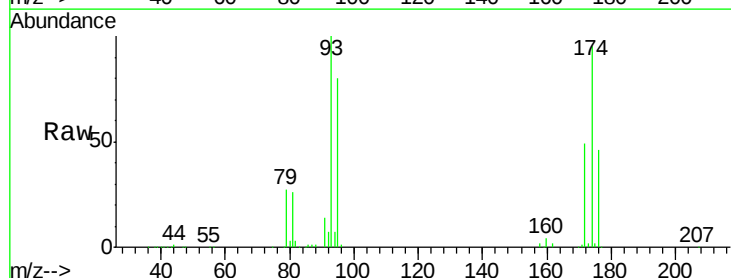
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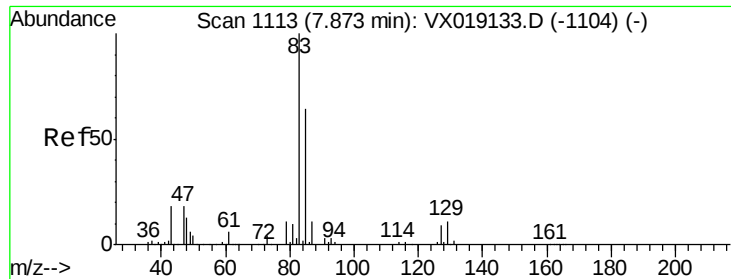
MMDadoda
 10/29/2020 9:45:46 AM



#46
 Dibromomethane
 Concen: 53.447 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. -0.01 min
 Lab File: VX019162.D
 Acq: 28 Oct 2020 14:05

Tgt Ion: 93 Resp: 120815
 Ion Ratio Lower Upper
 93 100
 95 81.7 67.0 100.6
 174 98.5 81.7 122.5





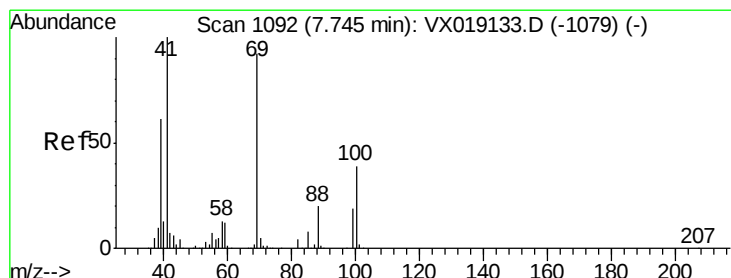
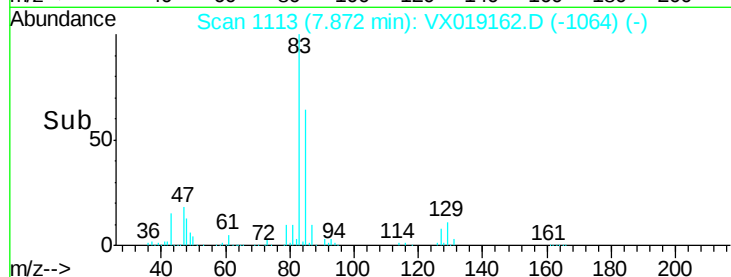
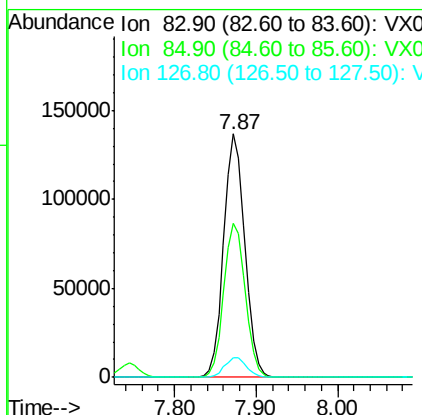
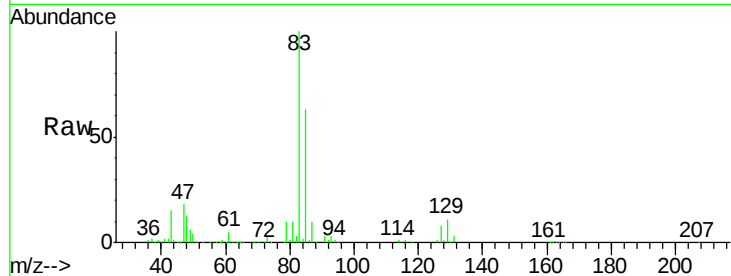
#47
Bromodichloromethane
Concen: 54.885 ug/l
RT: 7.87 min Scan# 1113
Delta R.T. -0.00 min
Lab File: VX019162.D
Acq: 28 Oct 2020 14:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
85	63.5	51.2	76.8
127	8.3	7.1	10.7

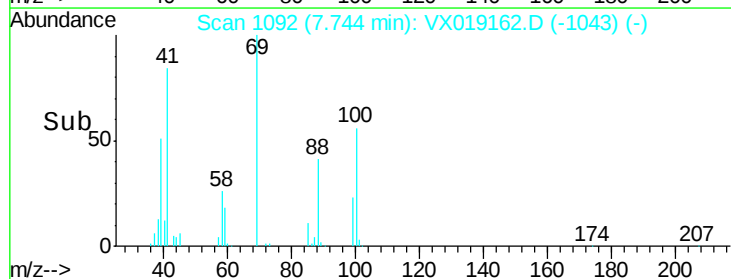
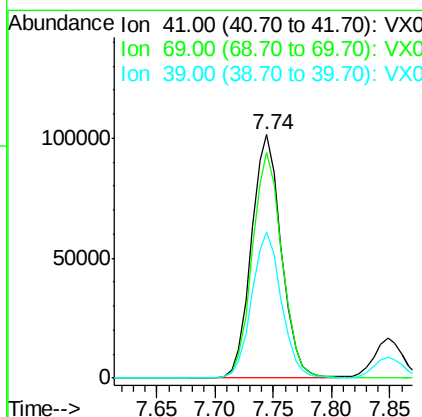
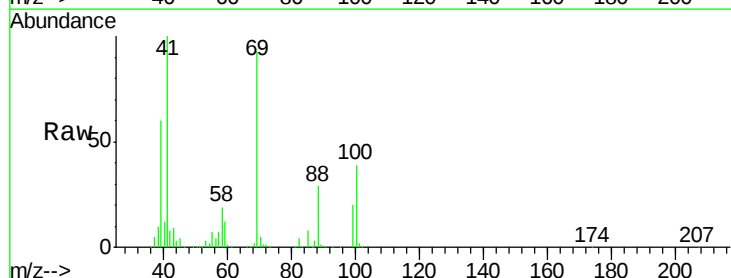
Manual Integrations
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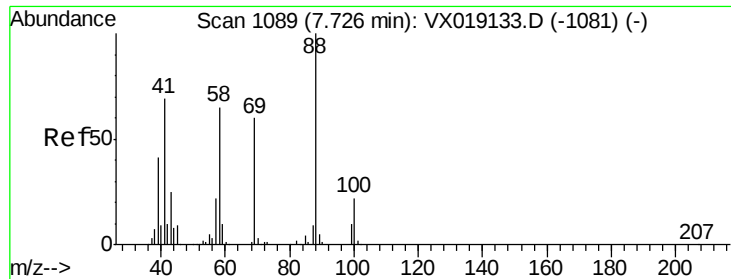
MMDadoda
10/29/2020 9:45:46 AM



#48
Methyl methacrylate
Concen: 54.966 ug/l
RT: 7.74 min Scan# 1092
Delta R.T. -0.00 min
Lab File: VX019162.D
Acq: 28 Oct 2020 14:05

Tgt Ion	Ratio	Lower	Upper
41	100		
69	92.6	75.5	113.3
39	59.5	48.9	73.3





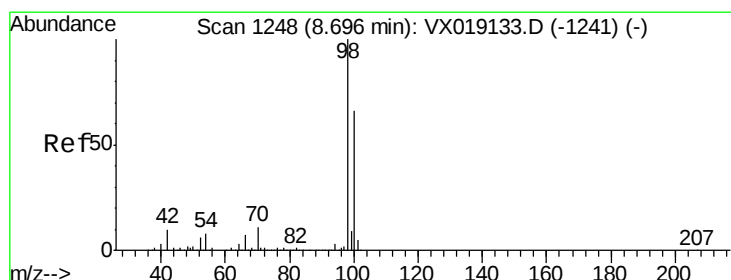
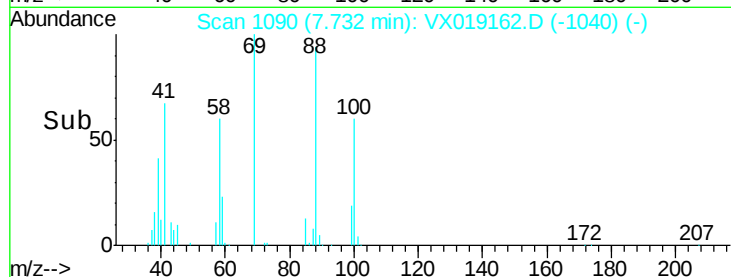
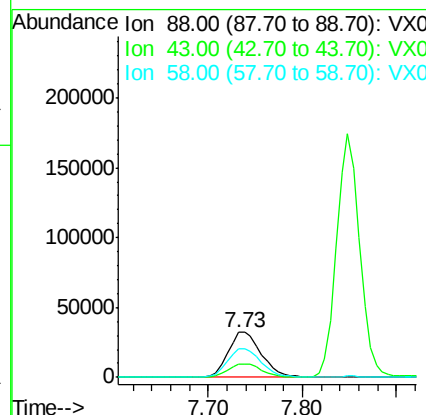
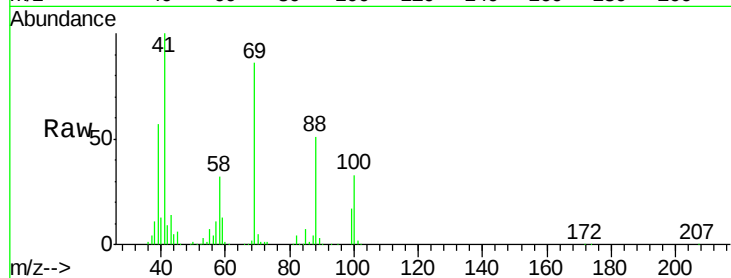
#49
1,4-Dioxane
Concen: 1074.635 ug/l
RT: 7.73 min Scan# 1090
Delta R.T. 0.01 min
Lab File: VX019162.D
Acq: 28 Oct 2020 14:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	29.0	23.0	34.6
58	65.0	52.2	78.2

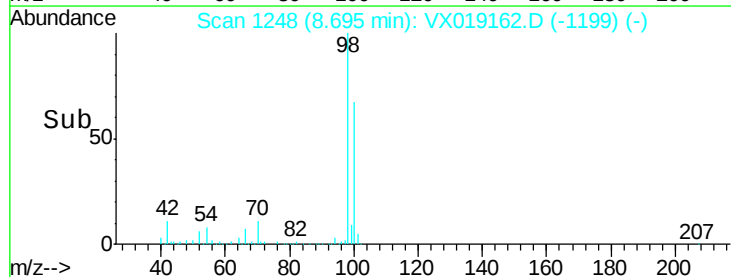
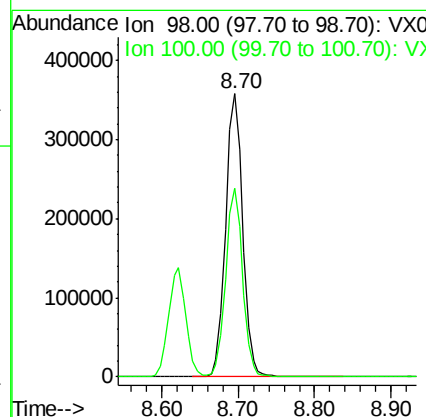
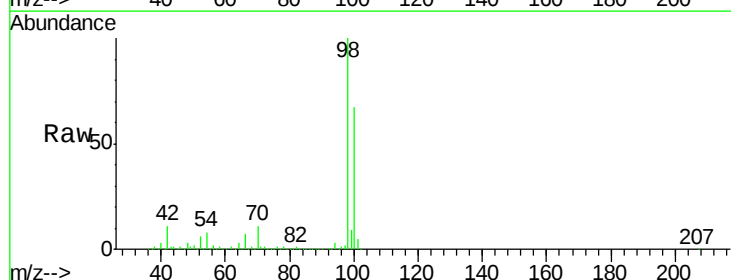
Manual Integrations
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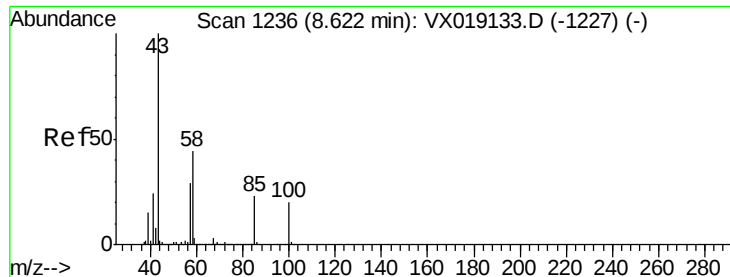
MMDadoda
10/29/2020 9:45:46 AM



#50
Toluene-d8
Concen: 48.875 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX019162.D
Acq: 28 Oct 2020 14:05

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.4	53.0	79.6





#51

4-Methyl-2-Pentanone

Concen: 280.695 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX019162.D

Acq: 28 Oct 2020 14:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1104024

Ion Ratio Lower Upper

43 100

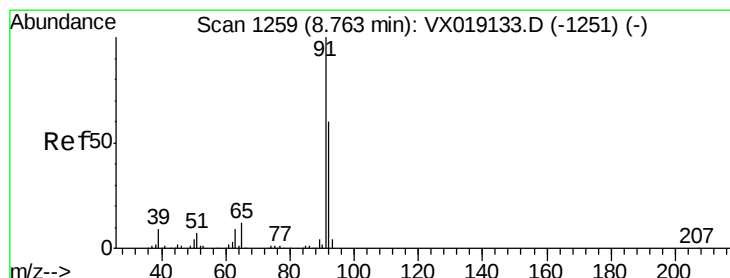
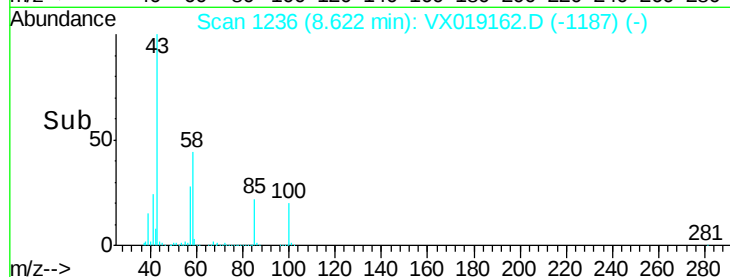
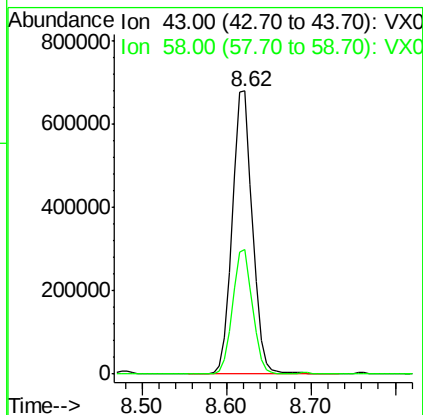
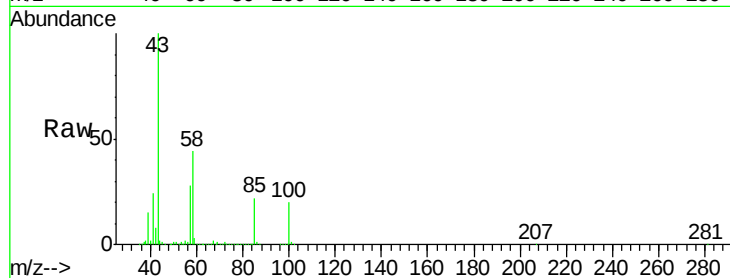
58 43.4 35.0 52.4

Manual Integrations

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MMDadoda

10/29/2020 9:45:46 AM



#52

Toluene

Concen: 55.106 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VX019162.D

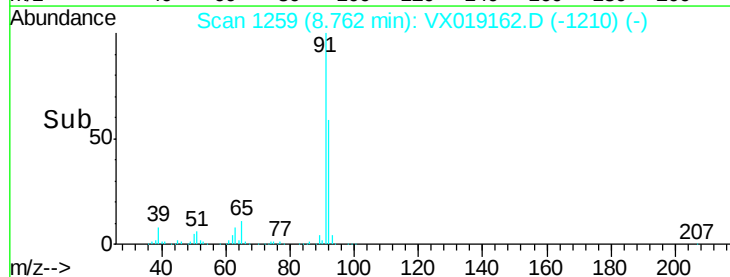
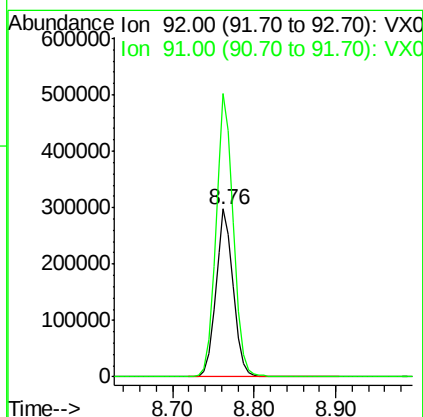
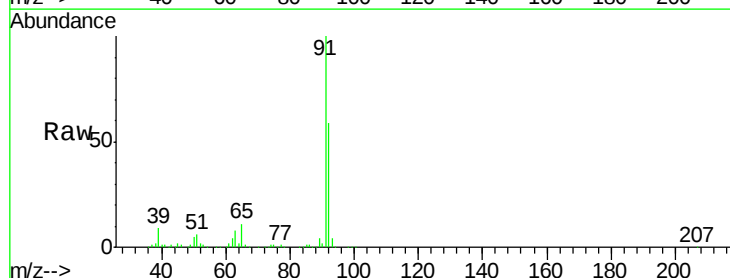
Acq: 28 Oct 2020 14:05

Tgt Ion: 92 Resp: 442953

Ion Ratio Lower Upper

92 100

91 169.9 136.3 204.5





#53

t-1,3-Dichloropropene

Concen: 54.237 ug/l

RT: 9.02 min Scan# 1301

Delta R.T. -0.01 min

Lab File: VX019162.D

Acq: 28 Oct 2020 14:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 276013

Ion Ratio Lower Upper

75 100

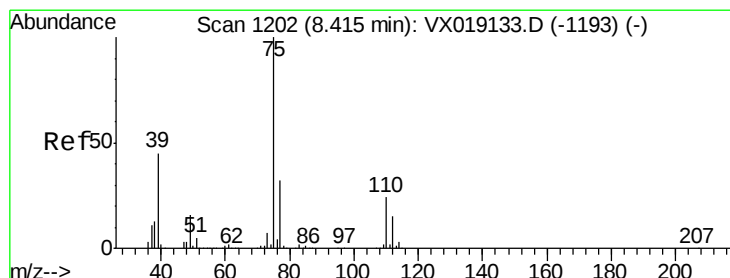
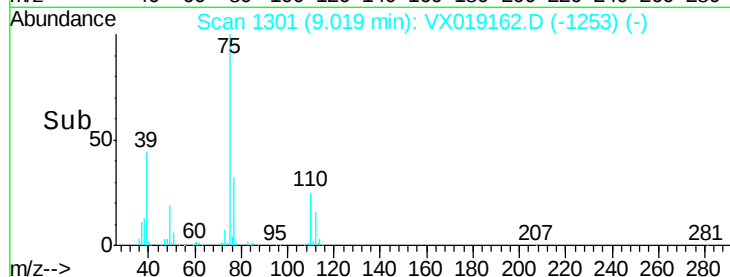
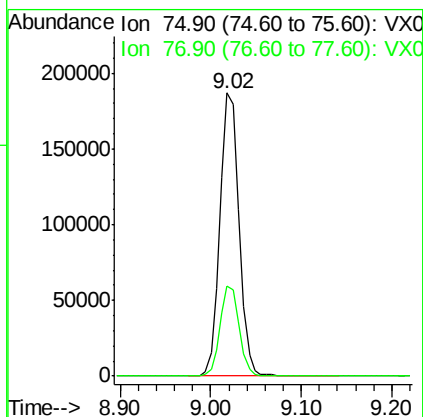
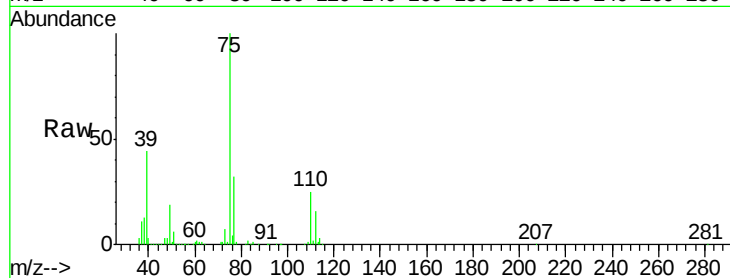
77 31.8 25.4 38.0

Manual Integrations

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MMDadoda

10/29/2020 9:45:46 AM



#54

cis-1,3-Dichloropropene

Concen: 54.439 ug/l

RT: 8.41 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX019162.D

Acq: 28 Oct 2020 14:05

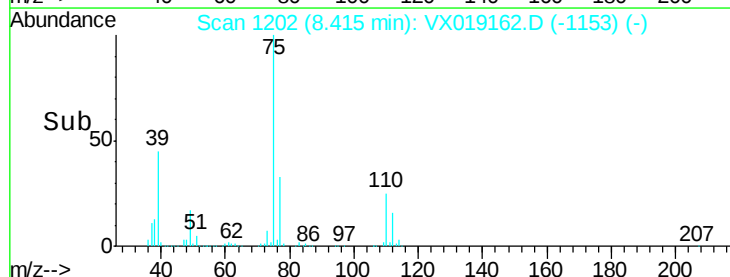
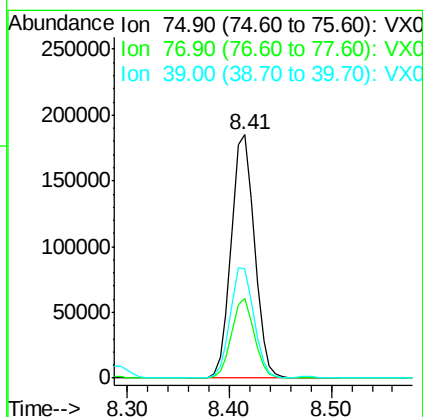
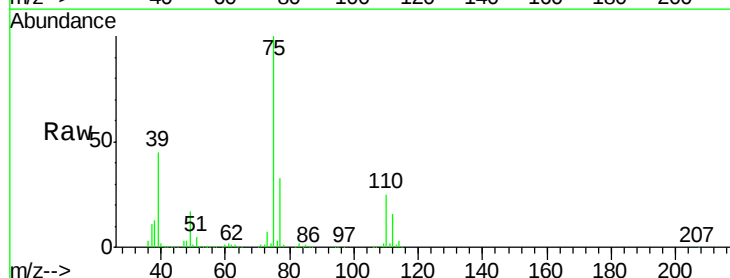
Tgt Ion: 75 Resp: 291324

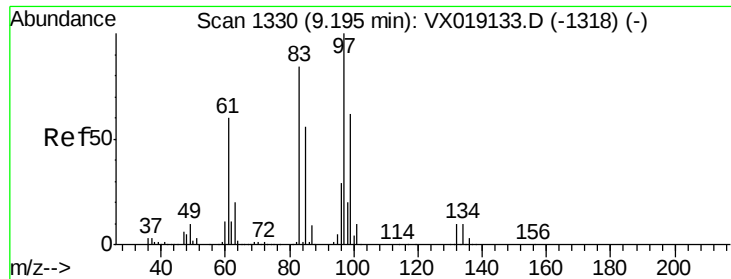
Ion Ratio Lower Upper

75 100

77 32.8 25.5 38.3

39 44.7 36.2 54.2





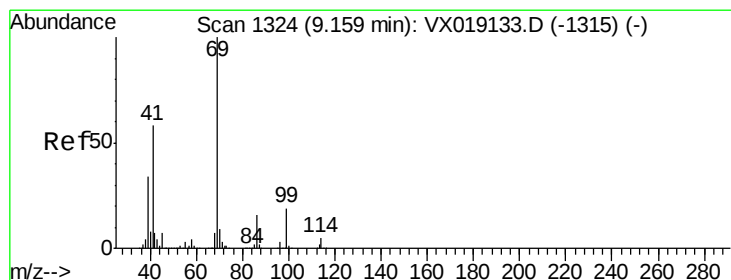
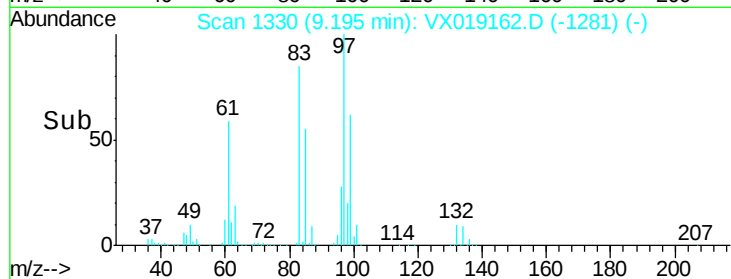
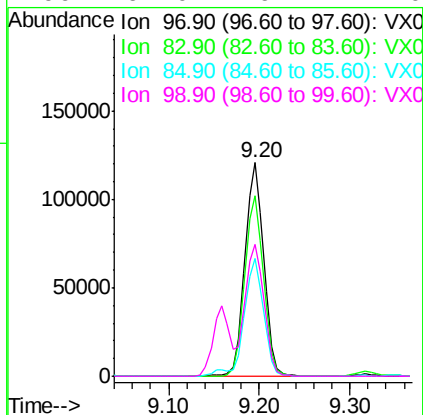
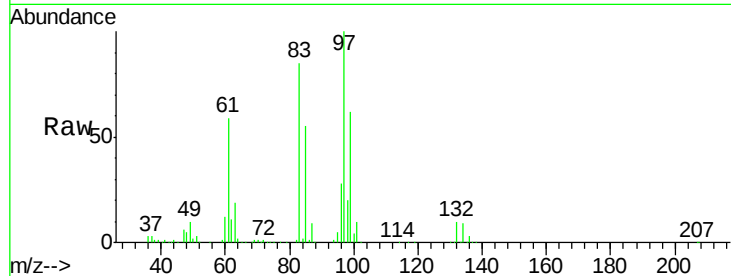
#55
1,1,2-Trichloroethane
Concen: 54.912 ug/l
RT: 9.20 min Scan# 1330
Delta R.T. -0.00 min
Lab File: VX019162.D
Acq: 28 Oct 2020 14:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:	97	Resp:	174401
Ion	Ratio	Lower	Upper
97	100		
83	84.8	67.2	100.8
85	55.0	44.6	67.0
99	62.0	49.4	74.0

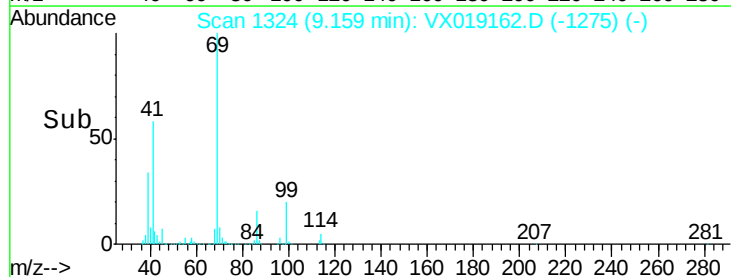
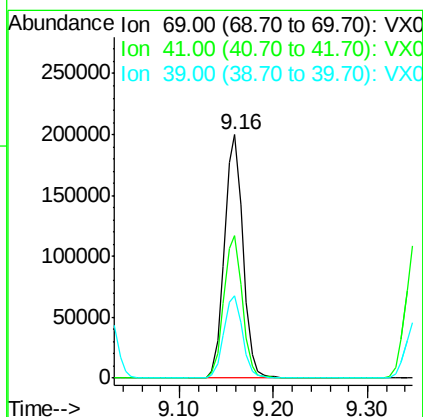
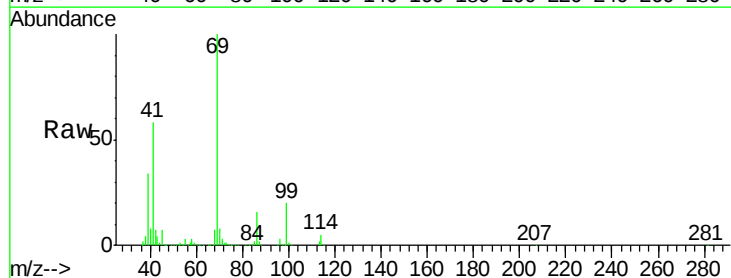
Manual Integrations
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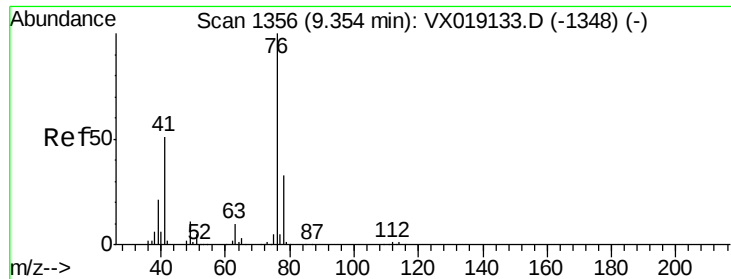
MMDadoda
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#56
Ethyl methacrylate
Concen: 56.619 ug/l
RT: 9.16 min Scan# 1324
Delta R.T. -0.00 min
Lab File: VX019162.D
Acq: 28 Oct 2020 14:05

Tgt Ion:	69	Resp:	271613
Ion	Ratio	Lower	Upper
69	100		
41	58.8	46.5	69.7
39	34.4	27.6	41.4





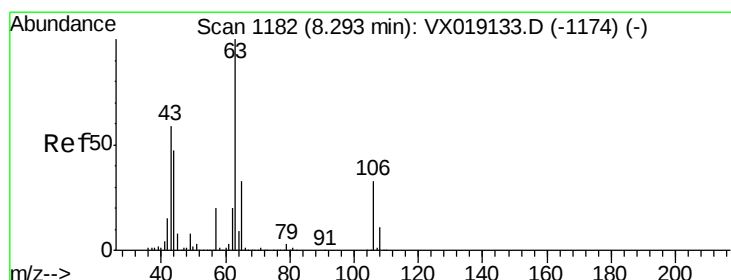
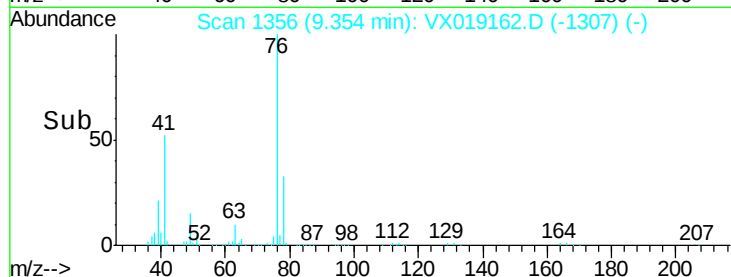
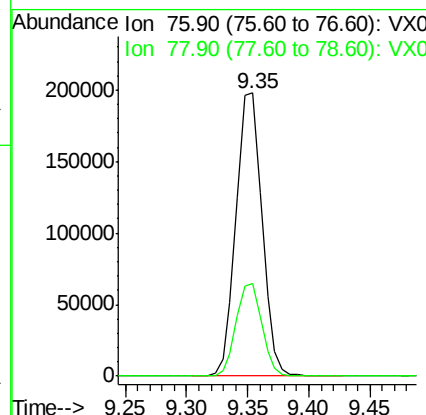
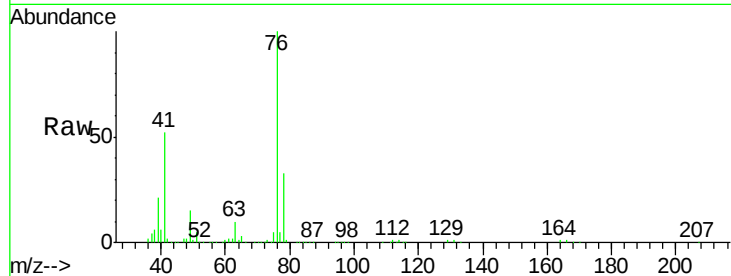
#57
 1,3-Dichloropropane
 Concen: 54.286 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. -0.00 min
 Lab File: VX019162.D
 Acq: 28 Oct 2020 14:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.4	25.9	38.9

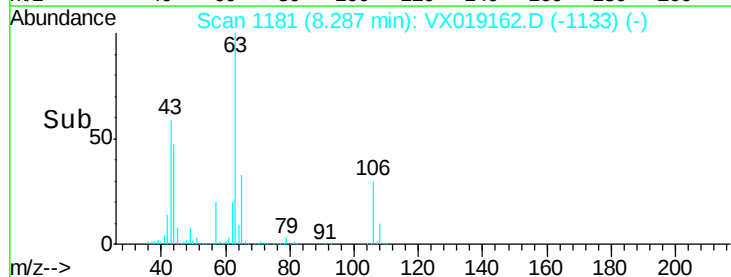
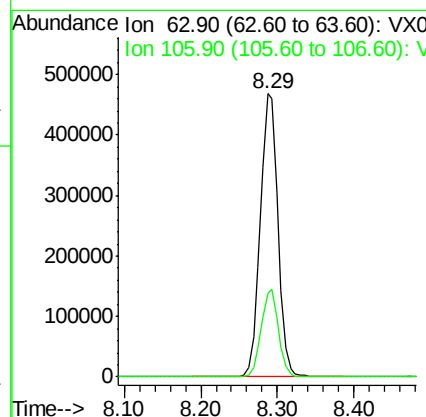
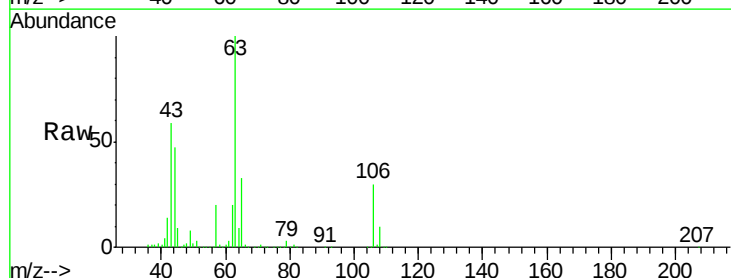
Manual Integrations
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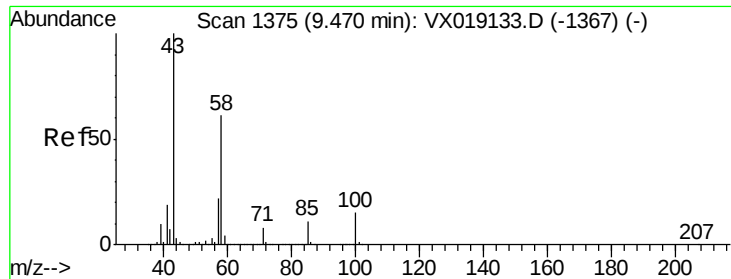
MMDadoda
 10/29/2020 9:45:46 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 281.579 ug/l
 RT: 8.29 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: VX019162.D
 Acq: 28 Oct 2020 14:05

Tgt Ion	Ratio	Lower	Upper
63	100		
106	30.4	25.1	37.7





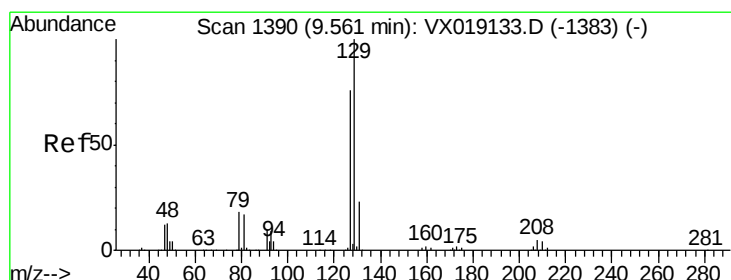
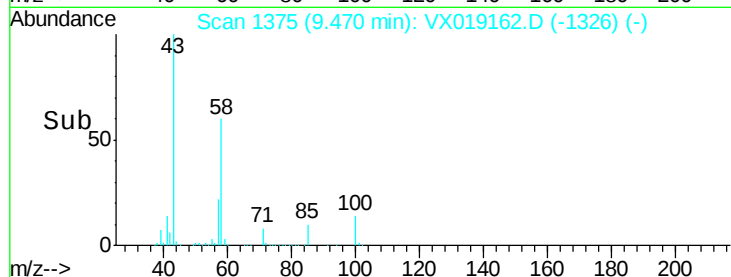
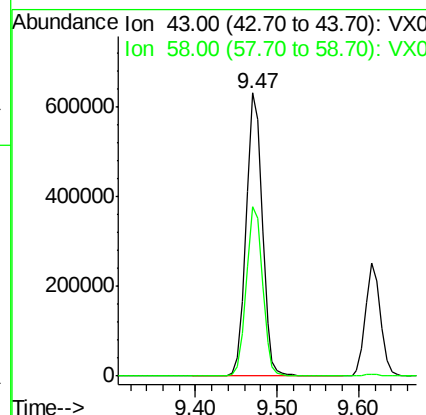
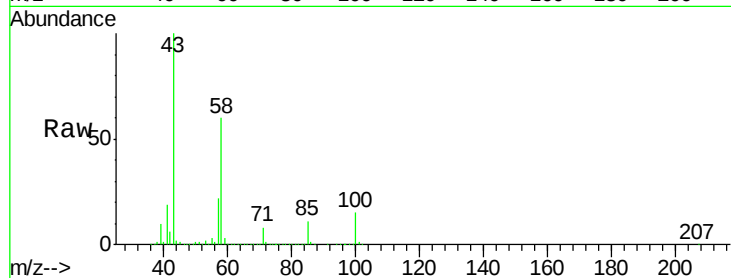
#59
2-Hexanone
Concen: 285.038 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX019162.D
Acq: 28 Oct 2020 14:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	43	Resp	853394
Ion Ratio	Lower	Upper	
43	100		
58	60.3	30.5	91.5

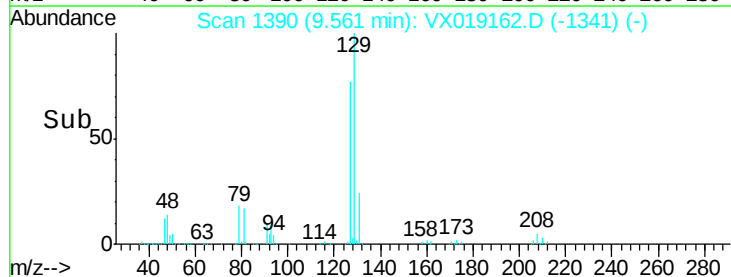
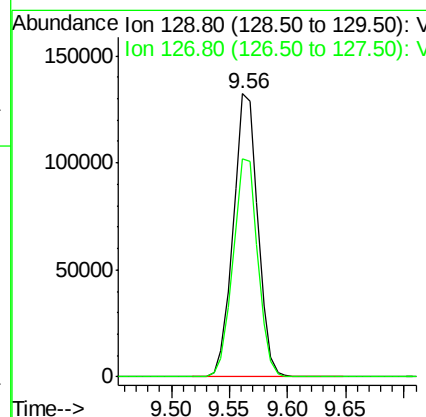
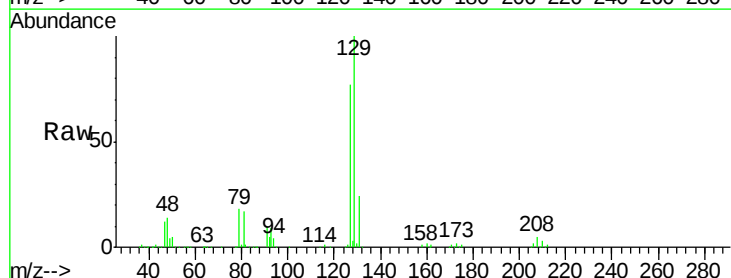
Manual Integrations
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#60
Dibromochloromethane
Concen: 56.419 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.00 min
Lab File: VX019162.D
Acq: 28 Oct 2020 14:05

Tgt Ion	129	Resp	194463
Ion Ratio	Lower	Upper	
129	100		
127	77.5	38.6	115.8





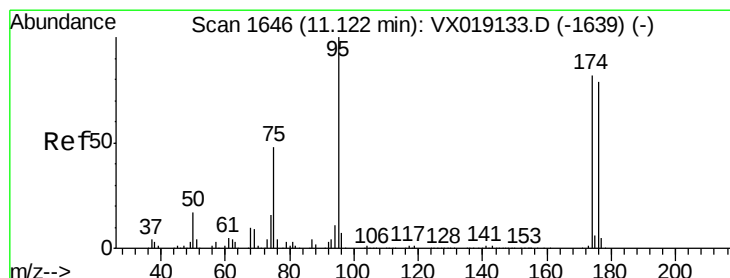
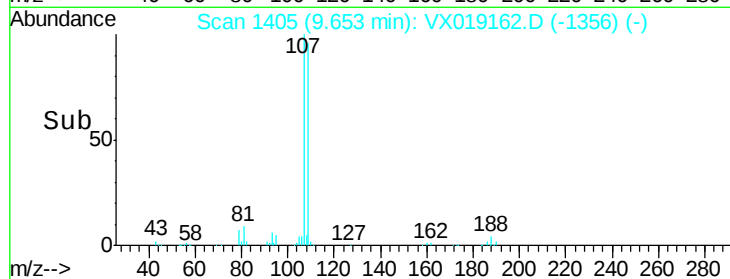
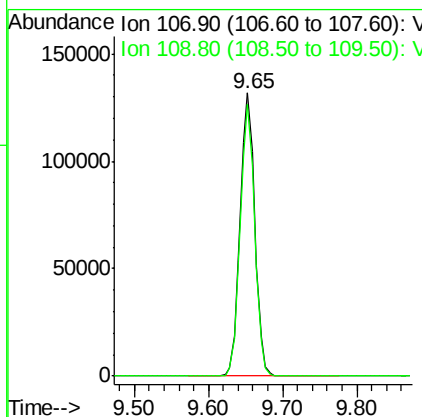
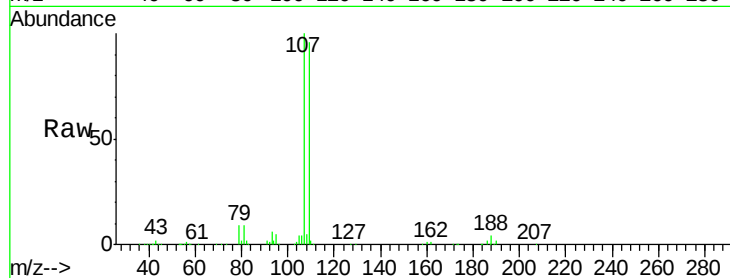
#61
 1,2-Dibromoethane
 Concen: 54.173 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: VX019162.D
 Acq: 28 Oct 2020 14:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.7	75.9	113.9

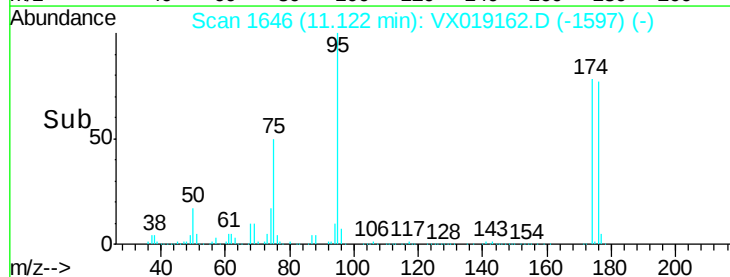
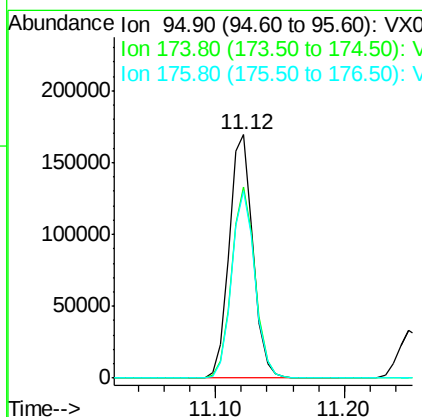
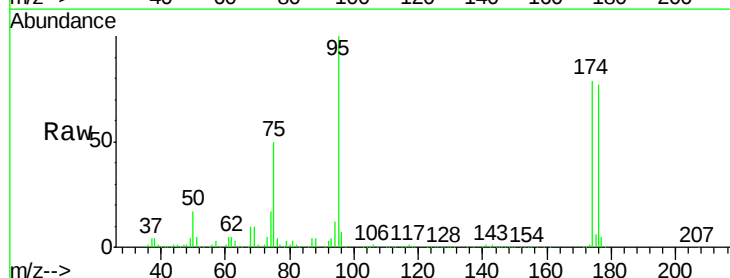
Manual Integrations
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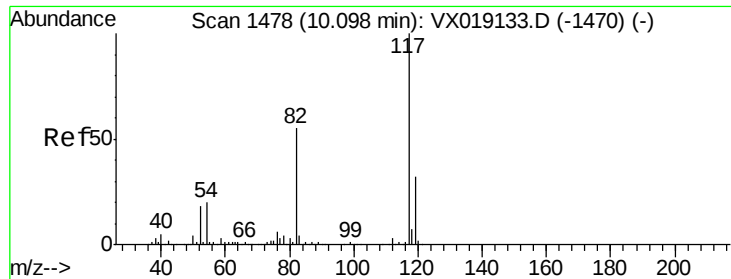
MMDadoda
 10/29/2020 9:45:46 AM



#62
 4-Bromofluorobenzene
 Concen: 51.188 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.00 min
 Lab File: VX019162.D
 Acq: 28 Oct 2020 14:05

Tgt Ion	Ratio	Lower	Upper
95	100		
174	77.2	0.0	156.0
176	75.6	0.0	149.8





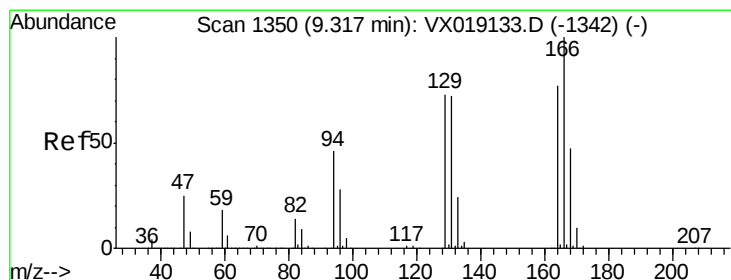
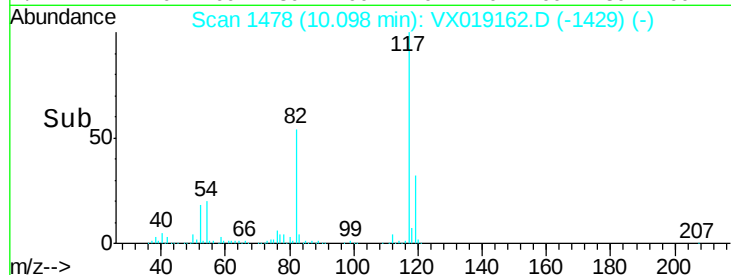
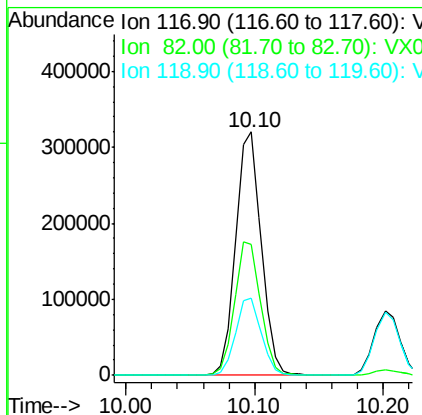
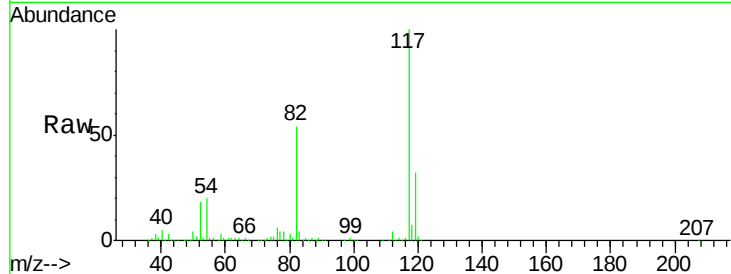
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019162.D
Acq: 28 Oct 2020 14:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.0	43.6	65.4
119	31.7	25.5	38.3

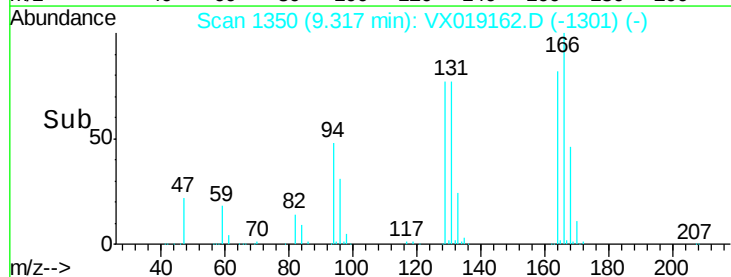
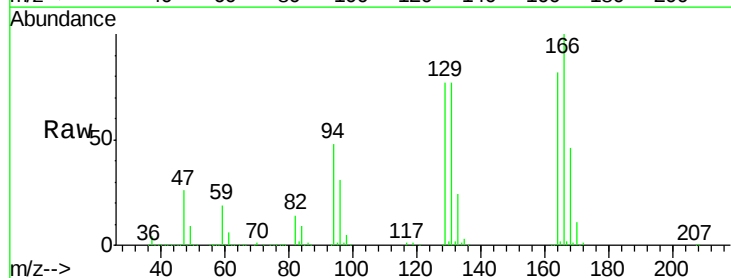
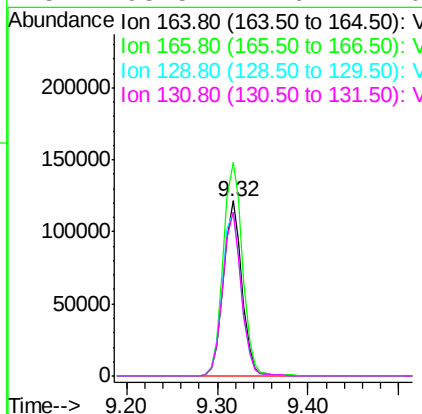
Manual Integrations
APPROVED

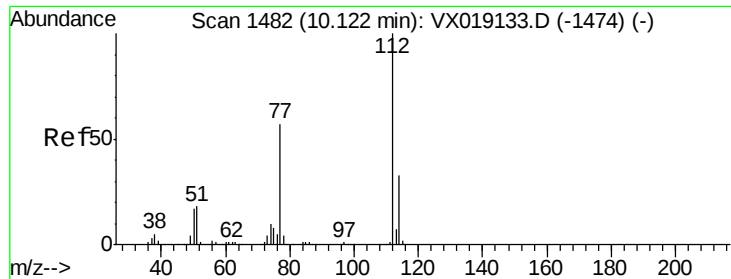
MMDadoda
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#64
Tetrachloroethene
Concen: 51.399 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX019162.D
Acq: 28 Oct 2020 14:05

Tgt Ion	Ratio	Lower	Upper
164	100		
166	121.9	104.1	156.1
129	93.7	76.2	114.4
131	93.5	74.6	112.0





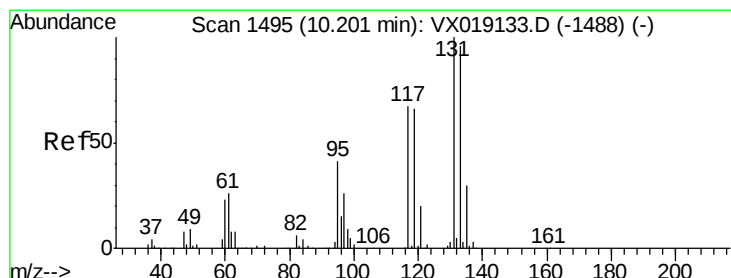
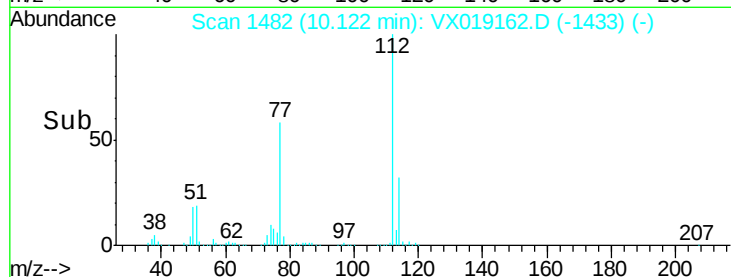
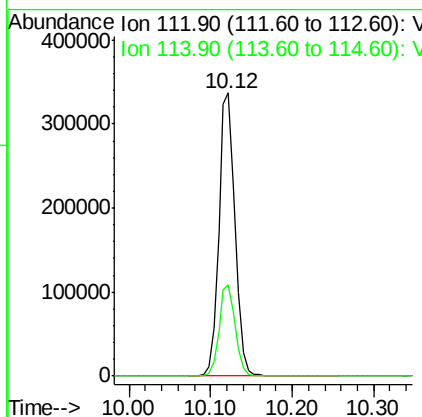
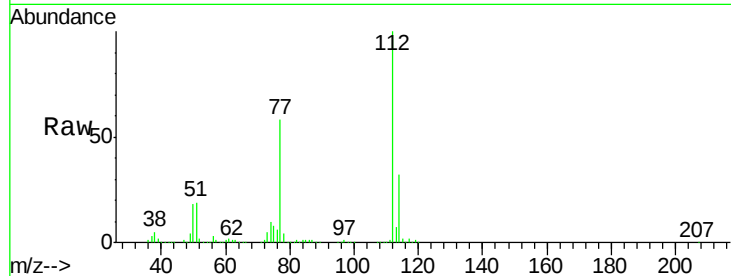
#65
Chlorobenzene
Concen: 51.539 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX019162.D
Acq: 28 Oct 2020 14:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 466278
Ion Ratio Lower Upper
112 100
114 32.4 26.1 39.1

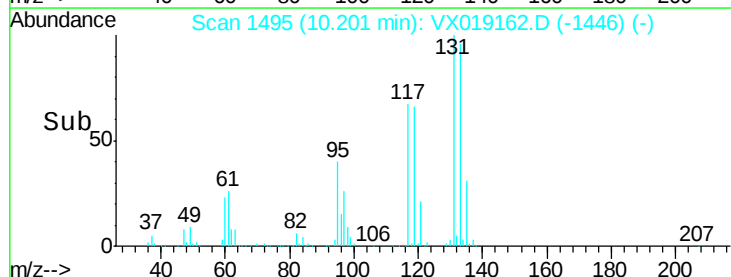
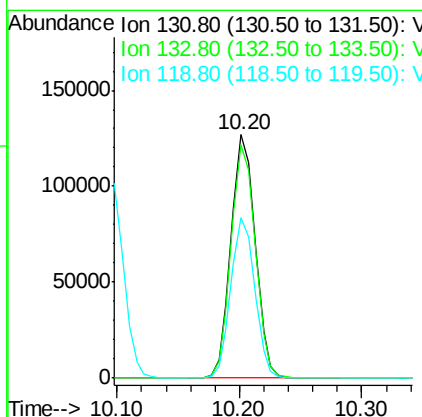
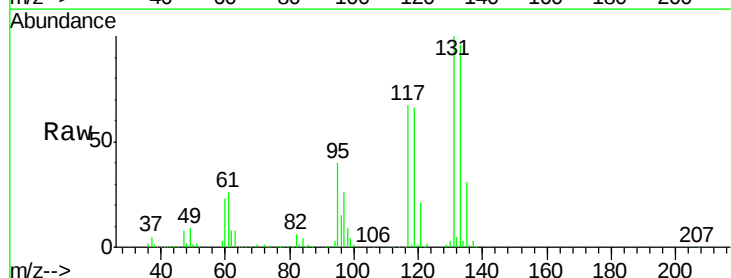
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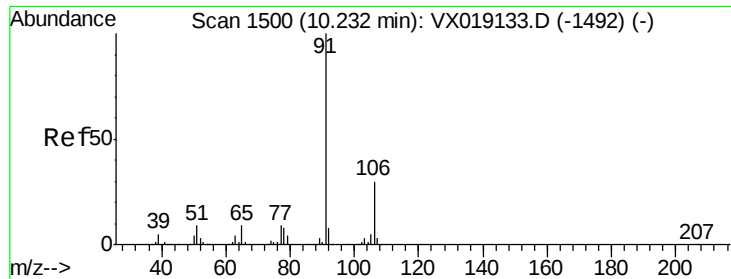
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#66
1,1,1,2-Tetrachloroethane
Concen: 53.272 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.00 min
Lab File: VX019162.D
Acq: 28 Oct 2020 14:05

Tgt Ion:131 Resp: 173506
Ion Ratio Lower Upper
131 100
133 96.3 47.3 141.8
119 65.5 32.3 96.9





#67

Ethyl Benzene

Concen: 52.832 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.00 min

Lab File: VX019162.D

Acq: 28 Oct 2020 14:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 851718

Ion Ratio Lower Upper

91 100

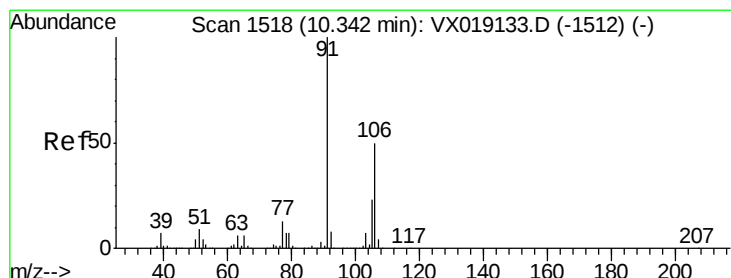
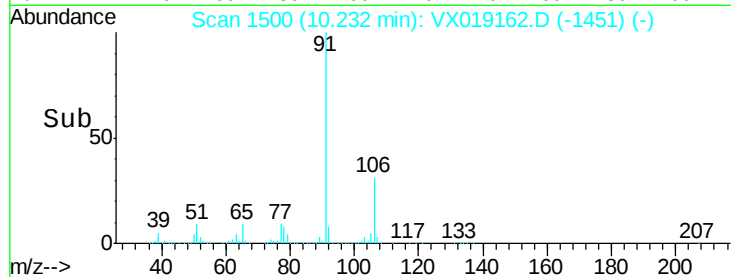
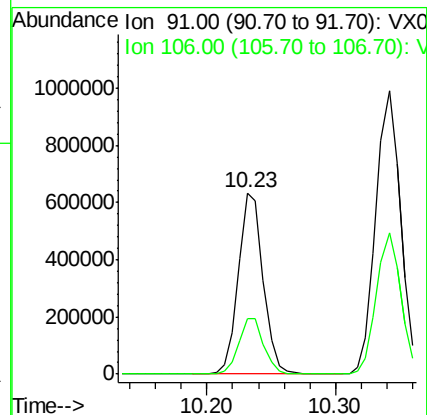
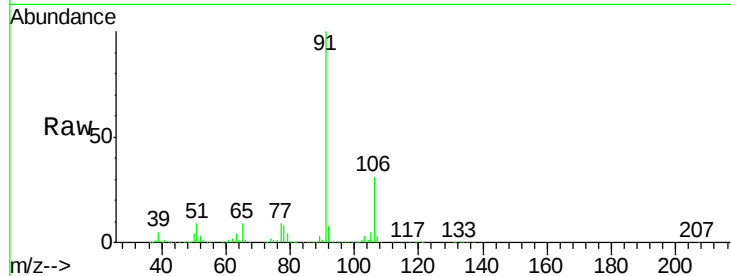
106 30.8 24.3 36.5

Manual Integrations

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#68

m/p-Xylenes

Concen: 107.248 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX019162.D

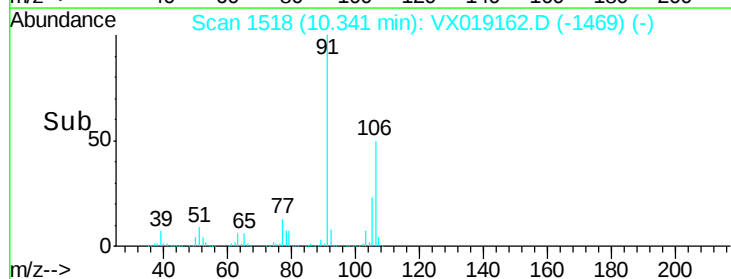
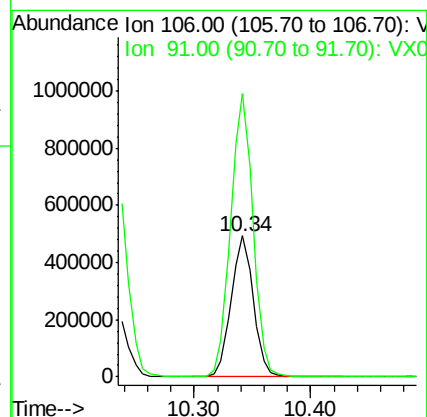
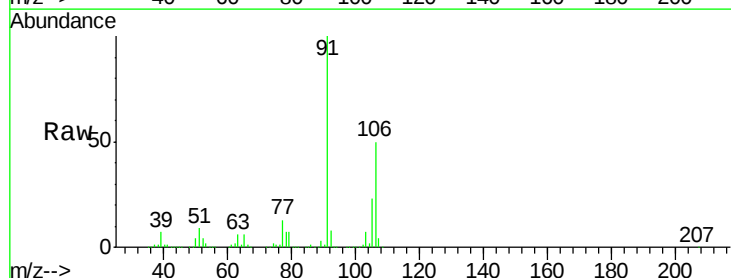
Acq: 28 Oct 2020 14:05

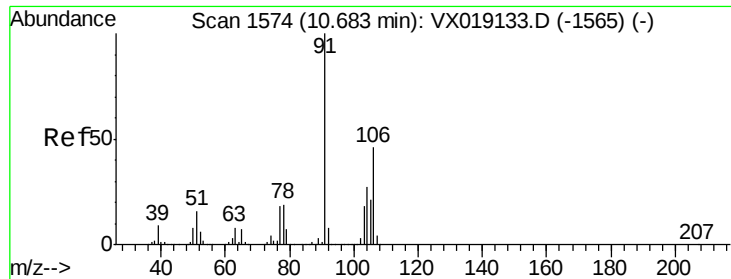
Tgt Ion: 106 Resp: 648911

Ion Ratio Lower Upper

106 100

91 203.2 161.0 241.4





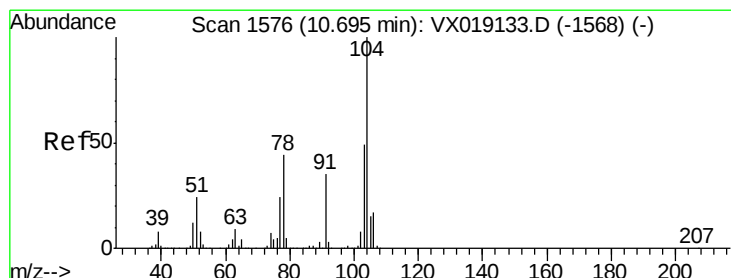
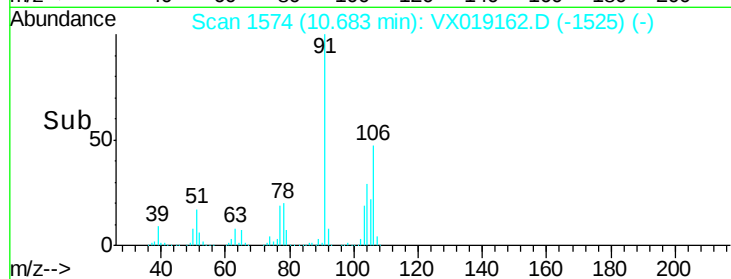
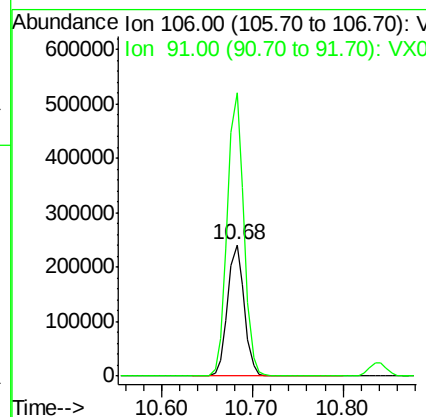
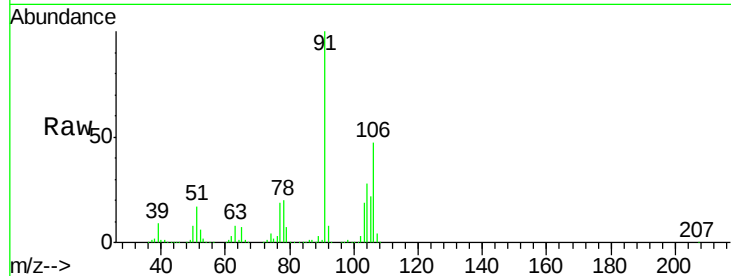
#69
o-Xylene
Concen: 53.988 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX019162.D
Acq: 28 Oct 2020 14:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100				
91	214.5	108.3	309832		324.8

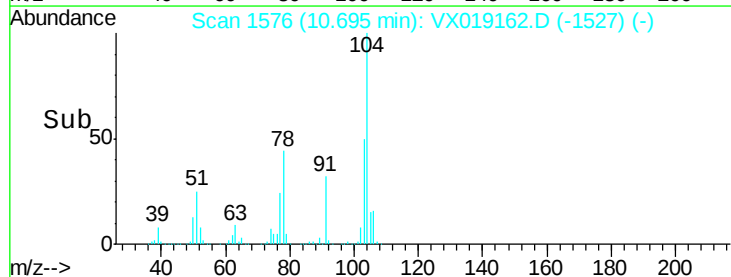
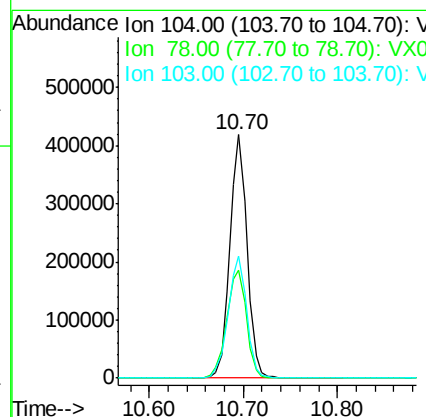
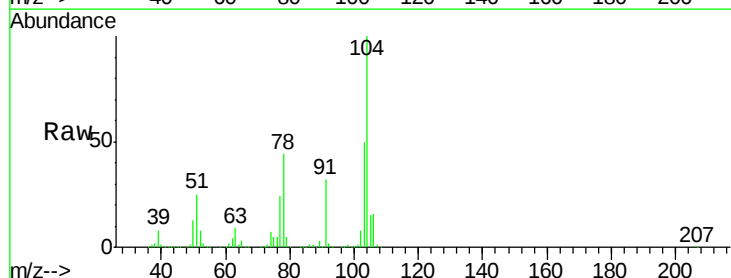
Manual Integrations
APPROVED

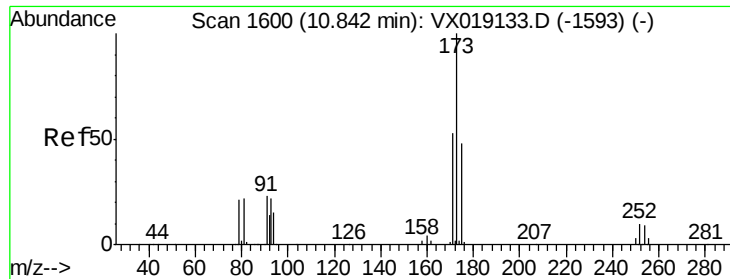
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#70
Styrene
Concen: 54.094 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX019162.D
Acq: 28 Oct 2020 14:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100				
78	50.9	40.0	529687		60.0
103	54.4	43.5			65.3





#71

Bromoform

Concen: 54.161 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX019162.D

Acq: 28 Oct 2020 14:05

Instrument :

MSVOA_X

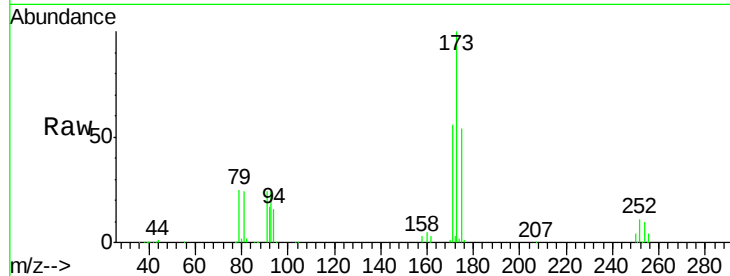
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	50.2	24.4	73.4
254	0.1	0.1	0.1

Manual Integrations
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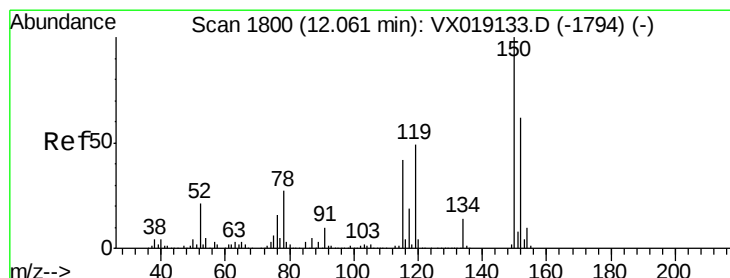
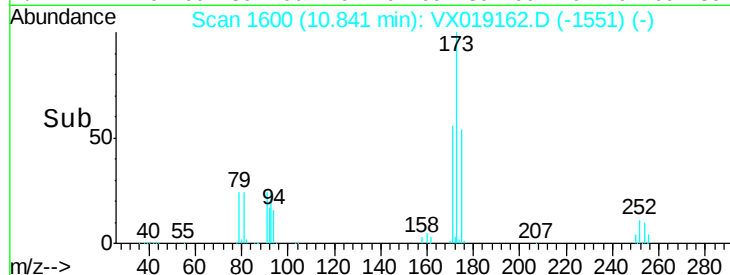
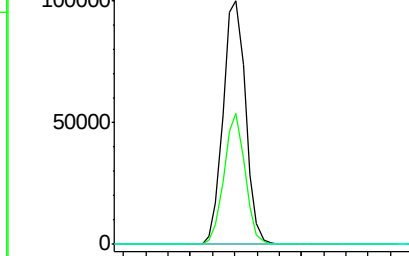


Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V

10.84



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

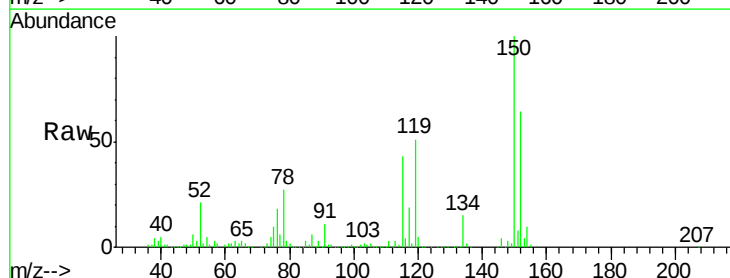
RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX019162.D

Acq: 28 Oct 2020 14:05

Tgt Ion	Ratio	Lower	Upper
152	100		
115	86.2	41.9	125.7
150	172.8	0.0	347.8

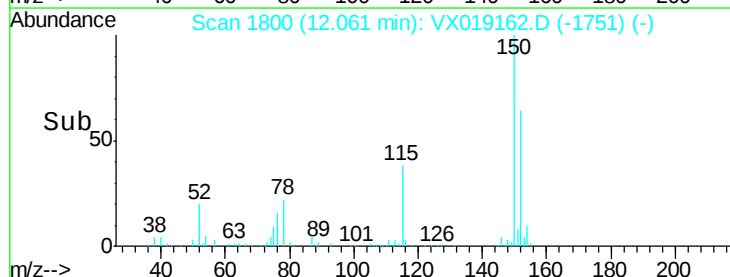
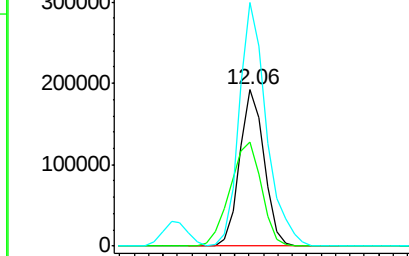


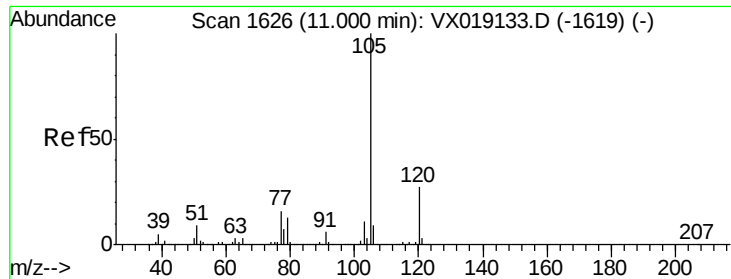
Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

12.06





#73

Isopropylbenzene

Concen: 52.327 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX019162.D

Acq: 28 Oct 2020 14:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 843040

Ion Ratio Lower Upper

105 100

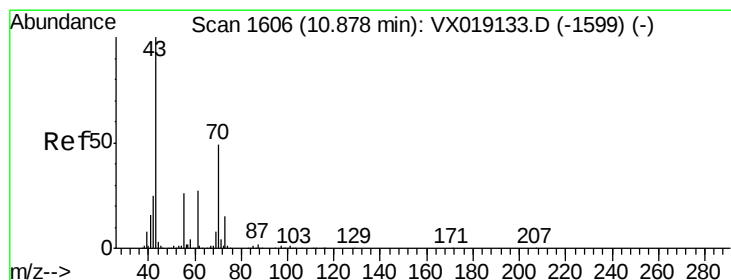
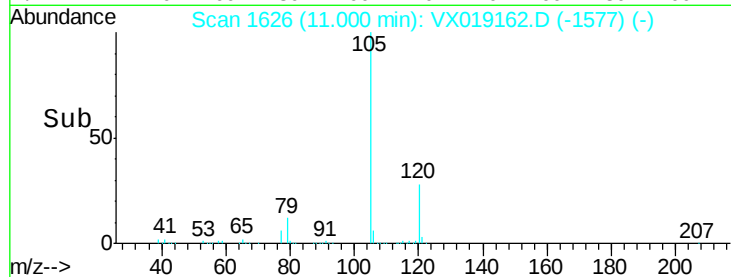
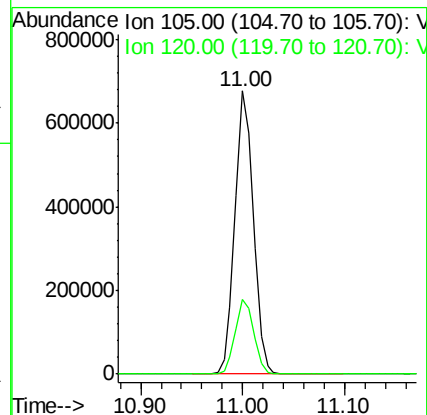
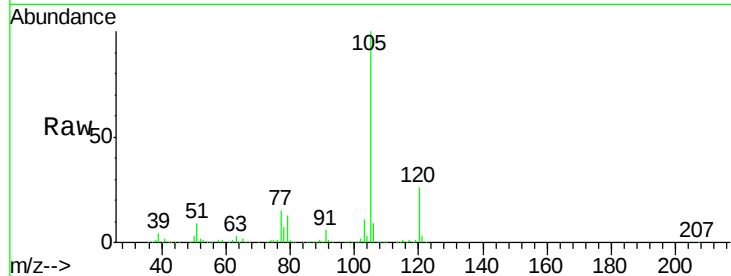
120 26.5 13.3 39.8

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#74

N-ethyl acetate

Concen: 54.162 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX019162.D

Acq: 28 Oct 2020 14:05

Tgt Ion: 43 Resp: 319054

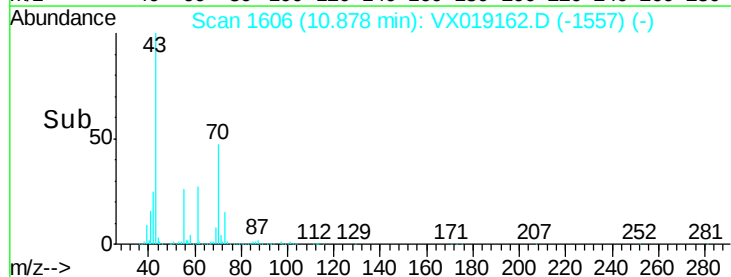
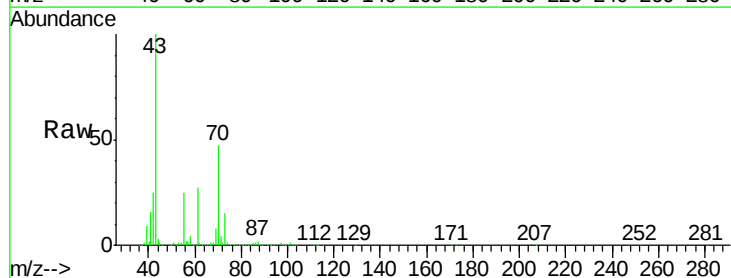
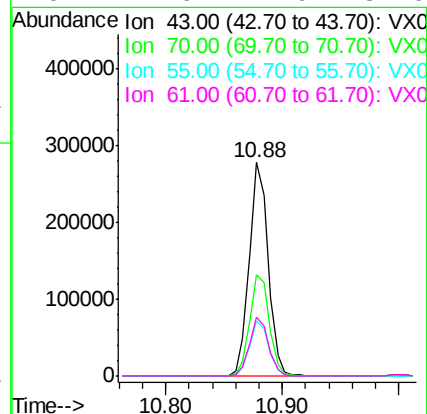
Ion Ratio Lower Upper

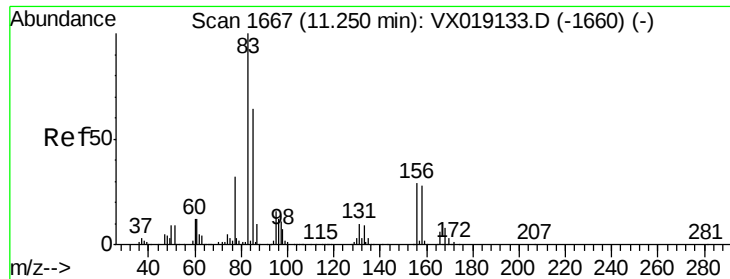
43 100

70 49.1 39.6 59.4

55 26.1 20.7 31.1

61 27.6 21.9 32.9





#75

1,1,2,2-Tetrachloroethane

Concen: 51.840 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX019162.D

Acq: 28 Oct 2020 14:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 83 Resp: 261020

Ion Ratio Lower Upper

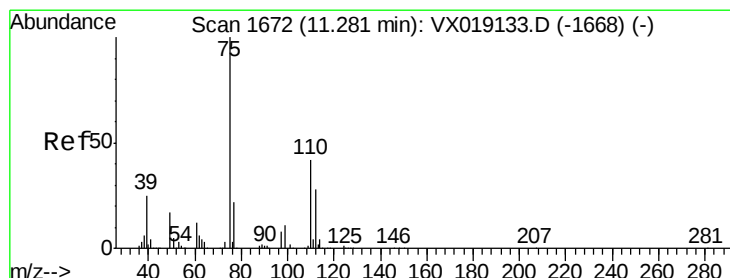
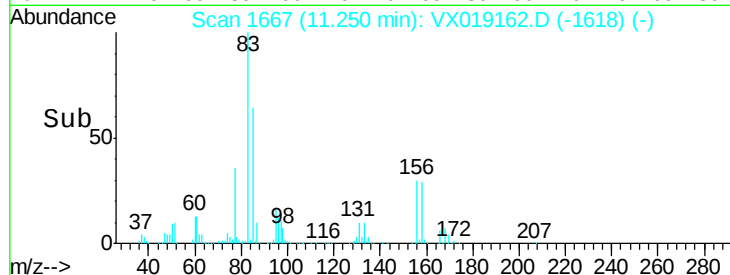
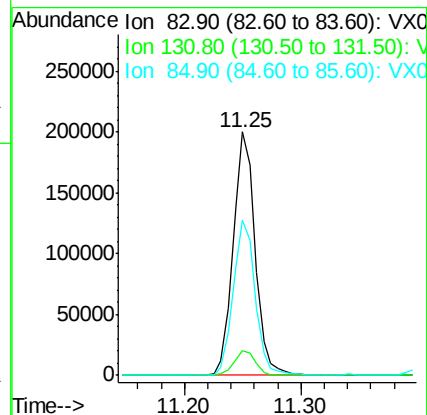
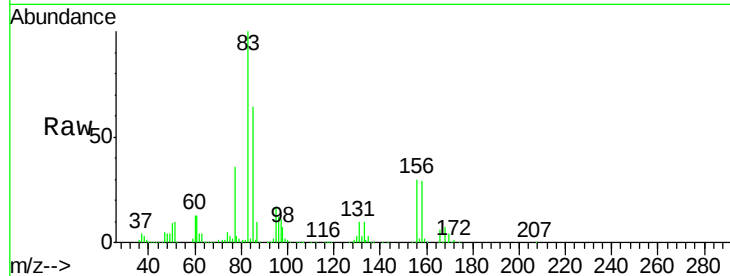
83 100

131 10.2 5.2 15.6

85 64.5 32.1 96.3

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 52.844 ug/l m

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX019162.D

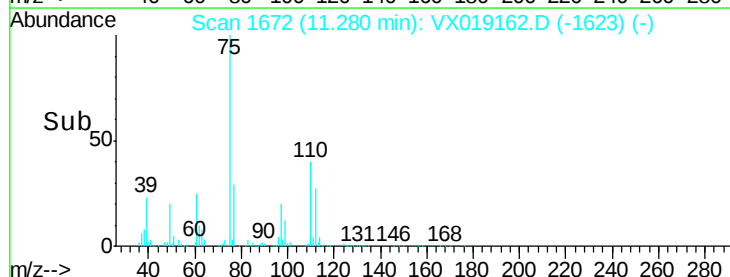
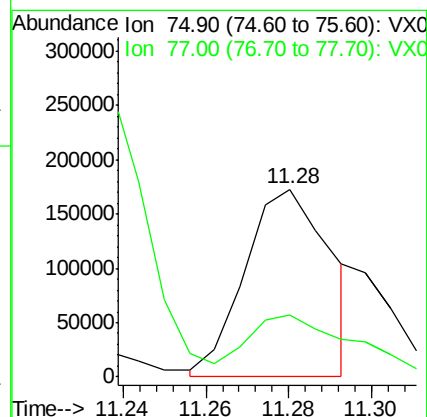
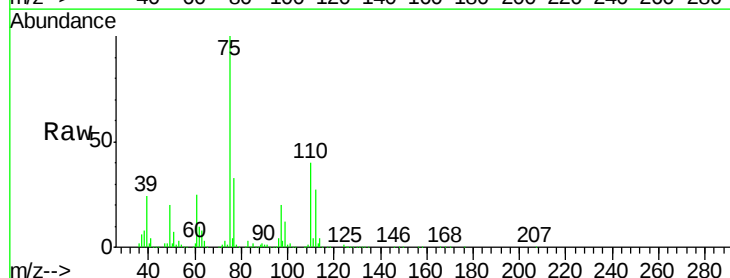
Acq: 28 Oct 2020 14:05

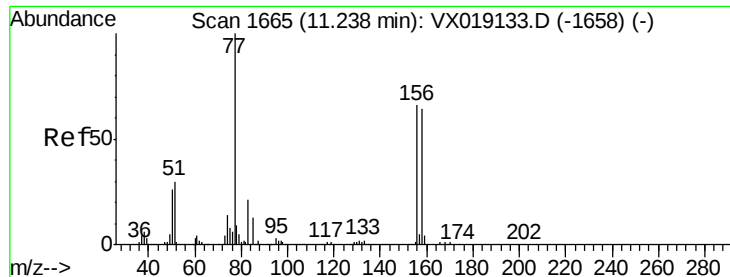
Tgt Ion: 75 Resp: 248345

Ion Ratio Lower Upper

75 100

77 41.1 20.3 60.9





#77

Bromobenzene

Concen: 51.552 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX019162.D

Acq: 28 Oct 2020 14:05

Instrument :

MSVOA_X

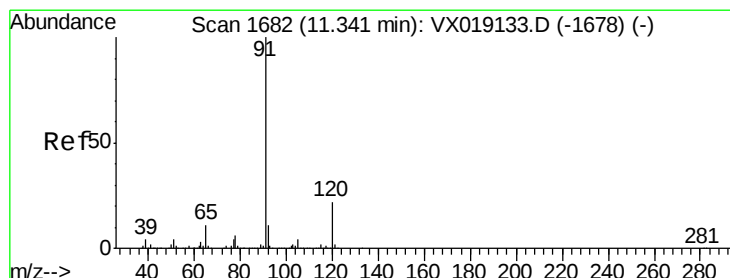
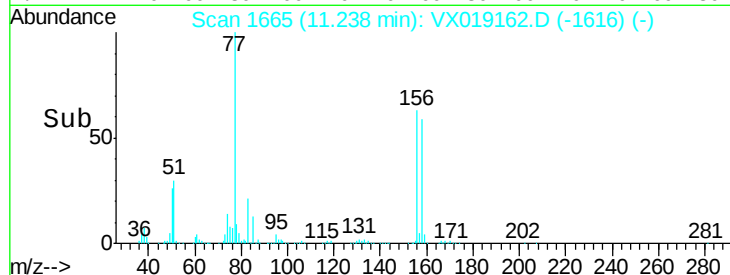
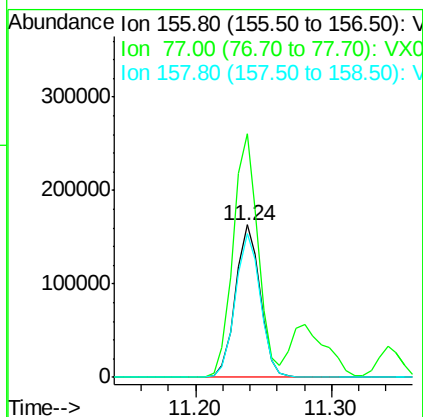
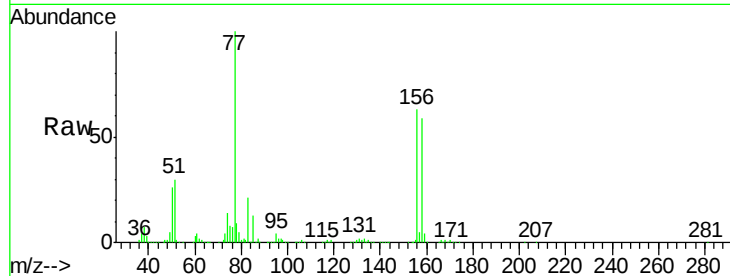
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	206135
Ion Ratio	Lower	Upper	
156	100		
77	161.5	77.7	233.1
158	95.2	48.3	144.8

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#78

n-propylbenzene

Concen: 53.265 ug/l

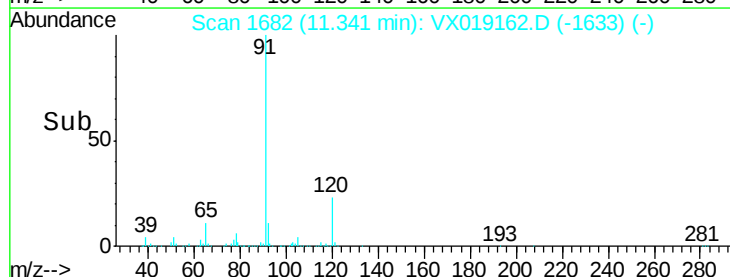
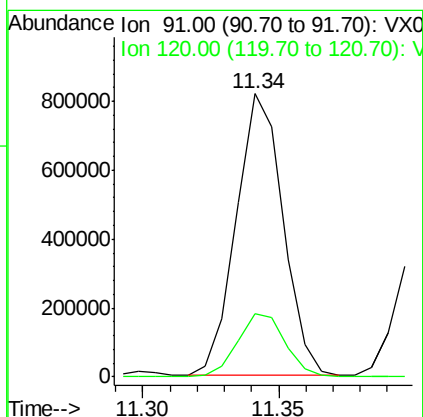
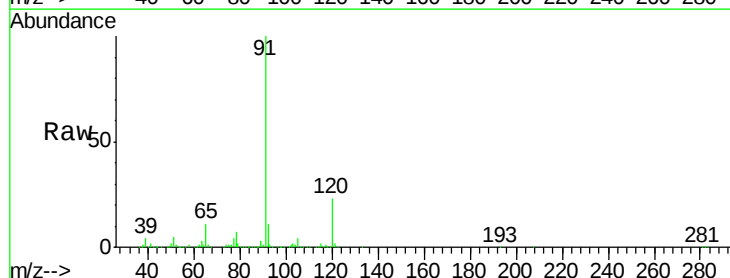
RT: 11.34 min Scan# 1682

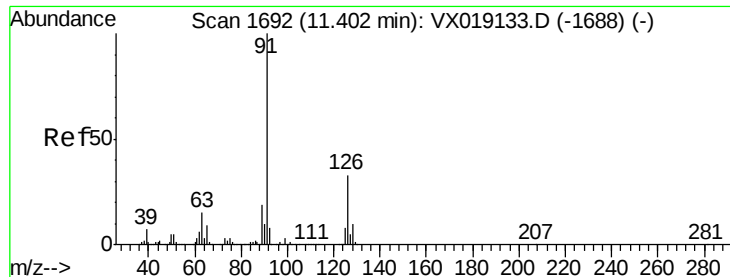
Delta R.T. -0.00 min

Lab File: VX019162.D

Acq: 28 Oct 2020 14:05

Tgt Ion:	91	Resp:	979611
Ion Ratio	Lower	Upper	
91	100		
120	23.1	11.7	35.0





#79

2-Chlorotoluene

Concen: 52.756 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX019162.D

Acq: 28 Oct 2020 14:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 571224

Ion Ratio Lower Upper

91 100

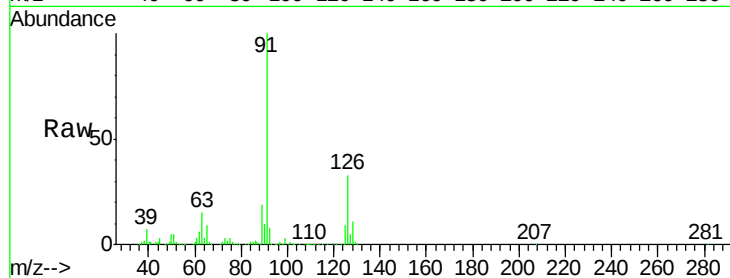
126 33.3 16.9 50.7

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VX019133.D (-1688) (-)

Ion 125.90 (125.60 to 126.60): VX019133.D (-1688) (-)

800000

600000

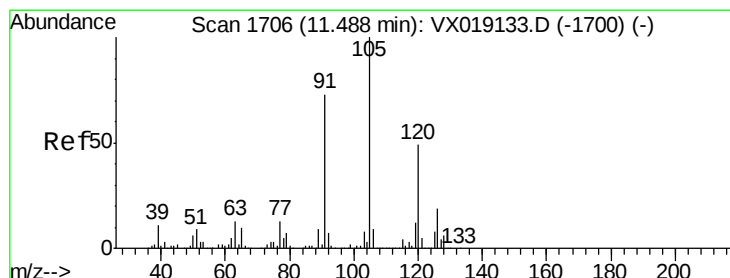
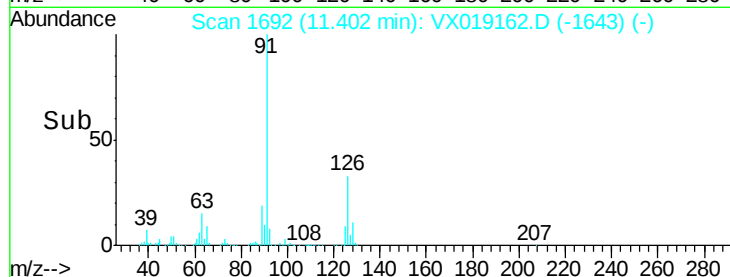
400000

200000

0

11.35 11.40 11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 52.966 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VX019162.D

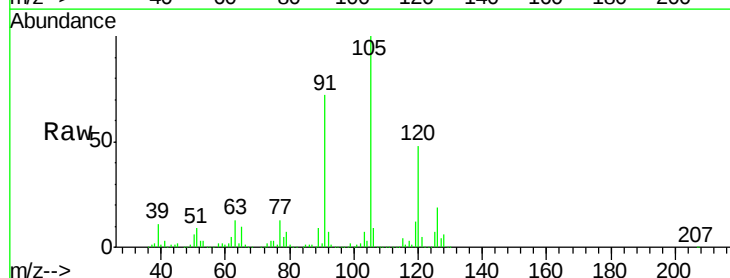
Acq: 28 Oct 2020 14:05

Tgt Ion: 105 Resp: 720902

Ion Ratio Lower Upper

105 100

120 48.7 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): VX019133.D (-1700) (-)

Ion 120.00 (119.70 to 120.70): VX019133.D (-1700) (-)

600000

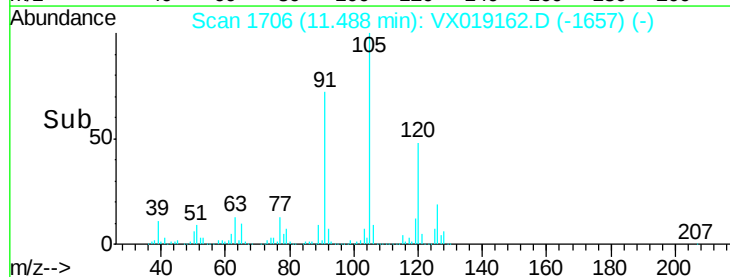
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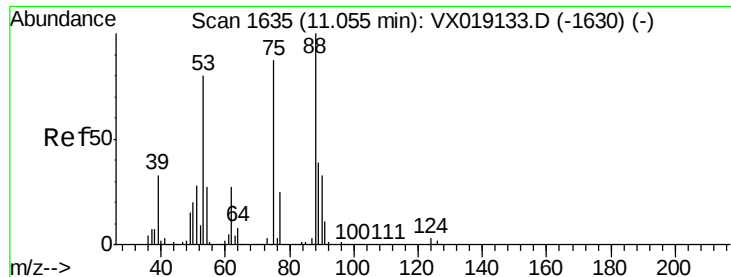
200000

0

11.40 11.45 11.50

Time-->





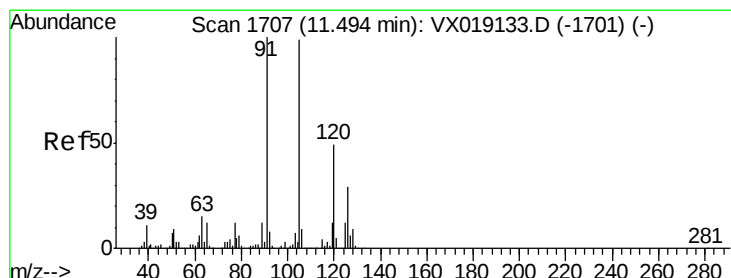
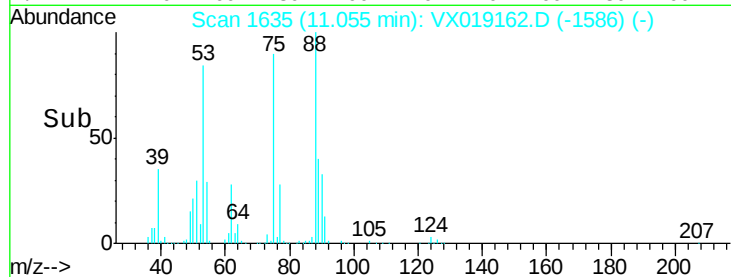
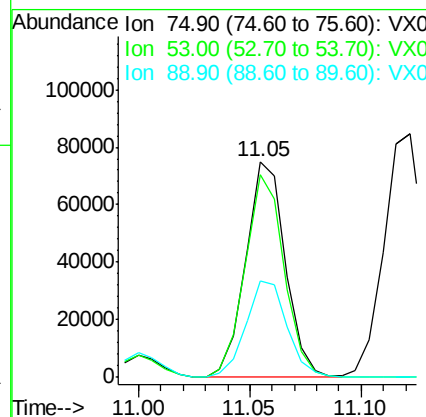
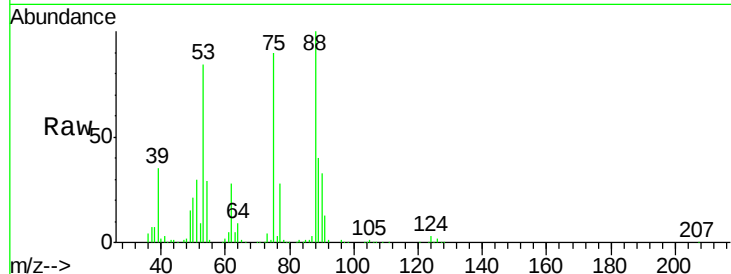
#81
trans-1,4-Dichloro-2-butene
Concen: 51.824 ug/l
RT: 11.05 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VX019162.D
Acq: 28 Oct 2020 14:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	93.2	73.3	109.9
89	47.0	38.2	57.2

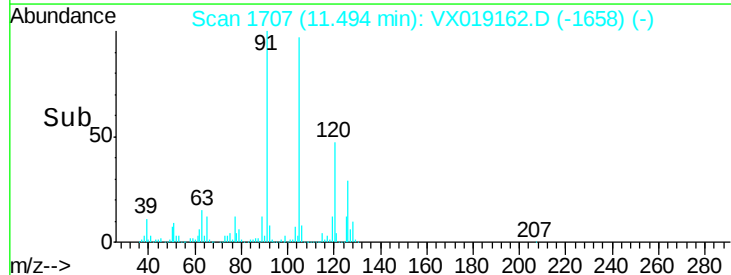
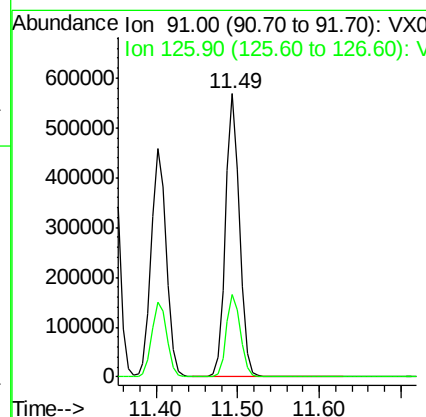
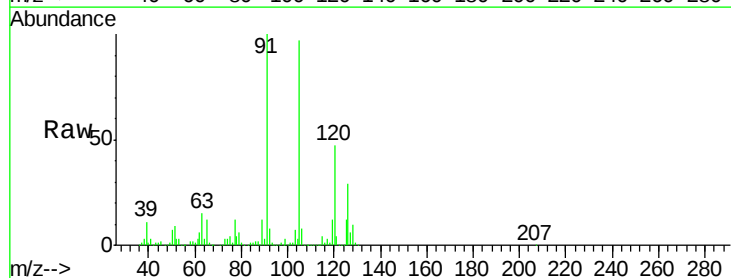
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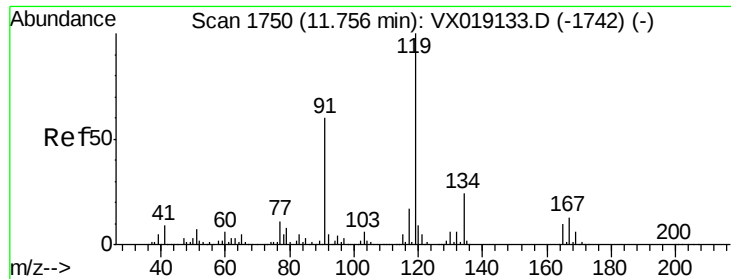
MMDadoda
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#82
4-Chlorotoluene
Concen: 51.601 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX019162.D
Acq: 28 Oct 2020 14:05

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.3	14.8	44.4





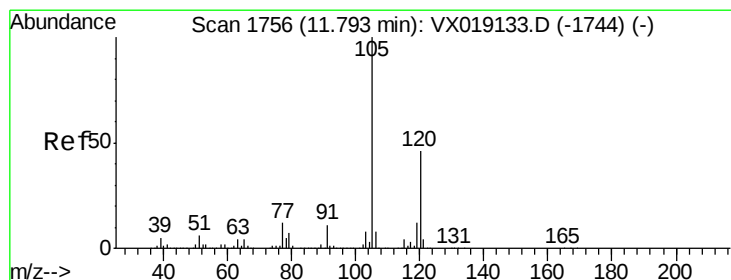
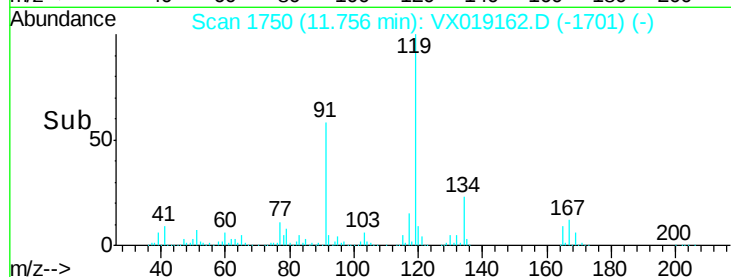
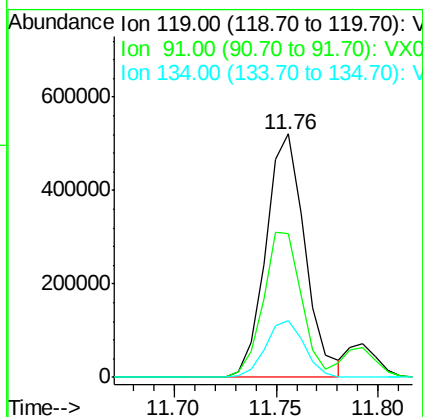
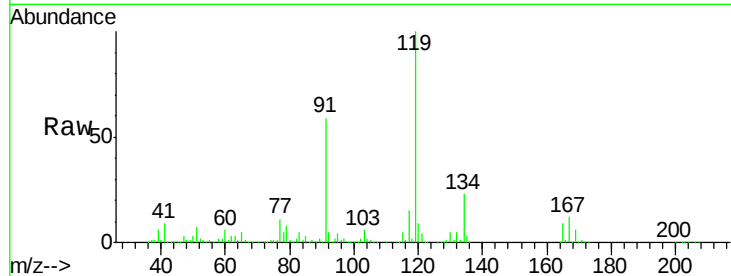
#83
tert-Butylbenzene
Concen: 53.466 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX019162.D
Acq: 28 Oct 2020 14:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	58.0	29.0	87.1
134	23.0	11.7	35.0

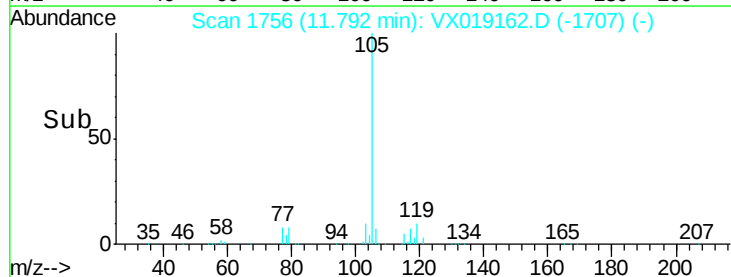
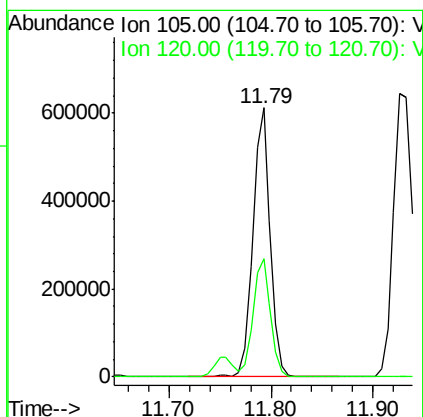
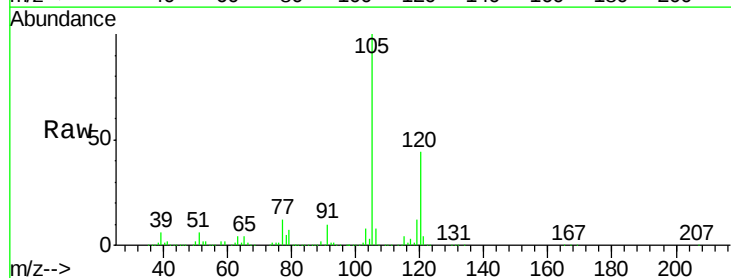
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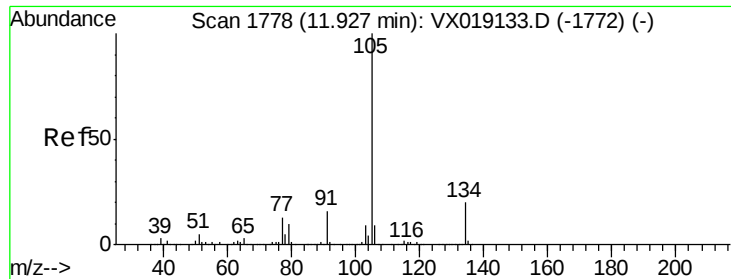
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 52.791 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX019162.D
Acq: 28 Oct 2020 14:05

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.4	22.4	67.3





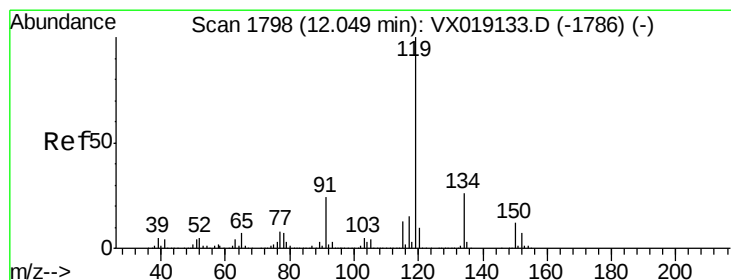
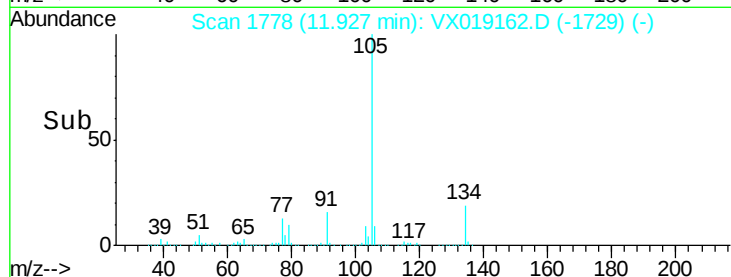
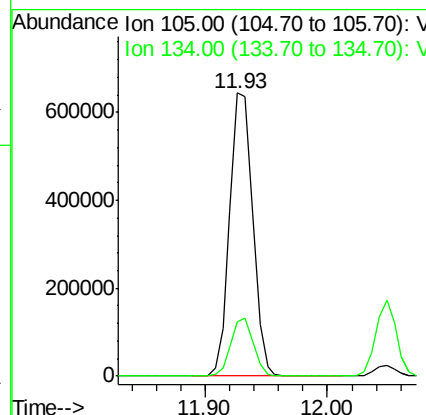
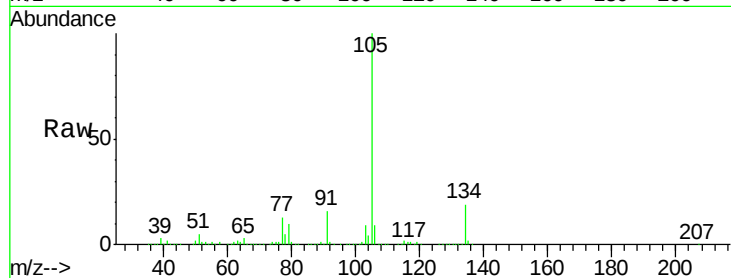
#85
 sec-Butylbenzene
 Concen: 53.799 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: VX019162.D
 Acq: 28 Oct 2020 14:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.8	10.1	30.1

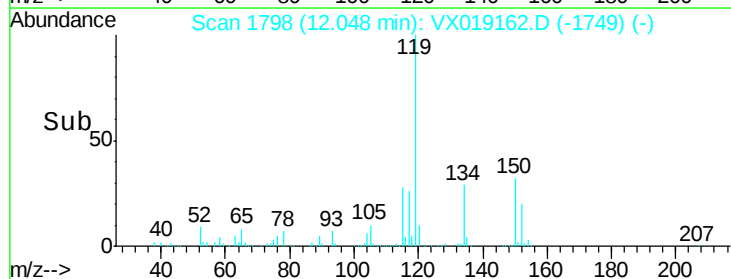
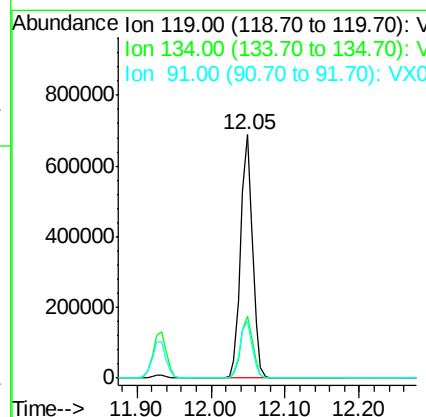
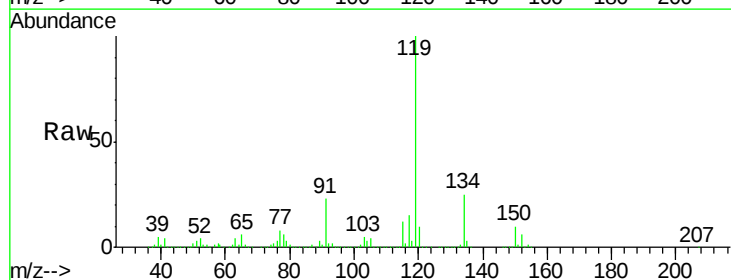
Manual Integrations
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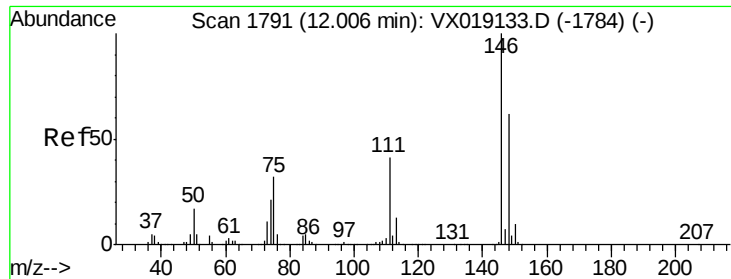
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#86
 p-Isopropyltoluene
 Concen: 54.191 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX019162.D
 Acq: 28 Oct 2020 14:05

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.7	12.9	38.7
91	24.1	12.0	36.0





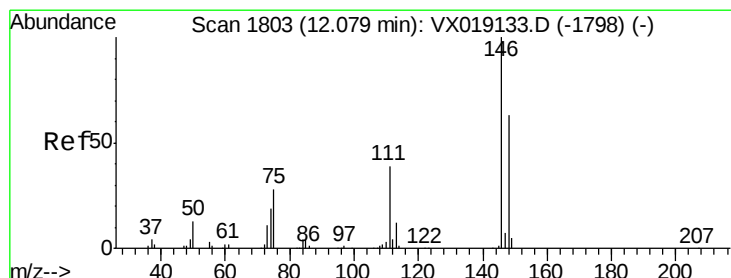
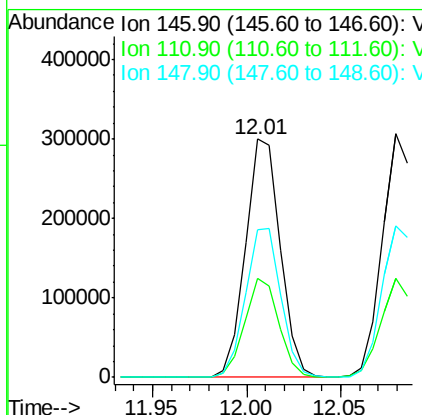
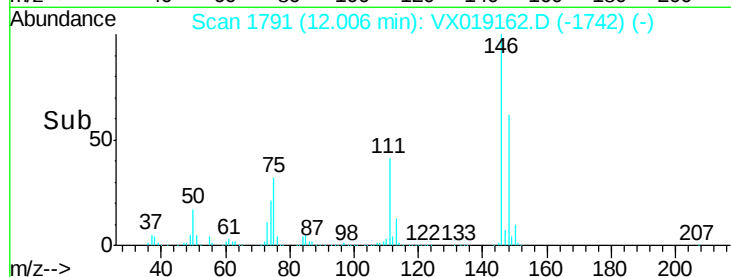
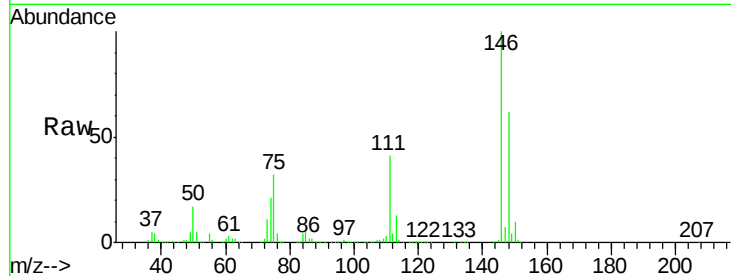
#87
 1,3-Dichlorobenzene
 Concen: 51.580 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX019162.D
 Acq: 28 Oct 2020 14:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.7	20.4	61.2
148	63.1	31.6	94.8

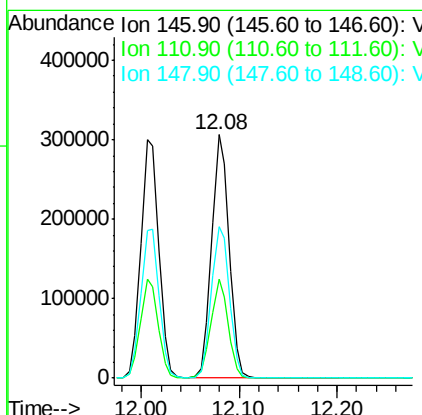
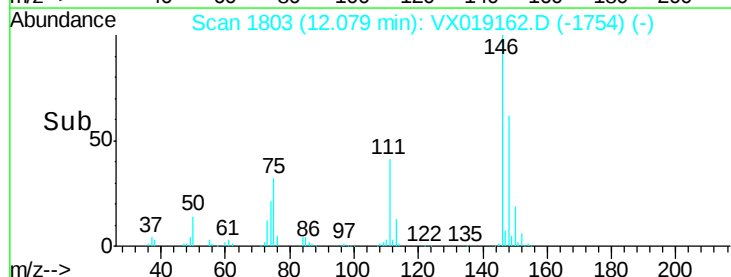
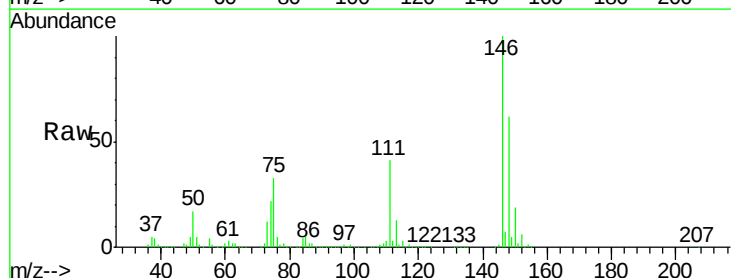
Manual Integrations
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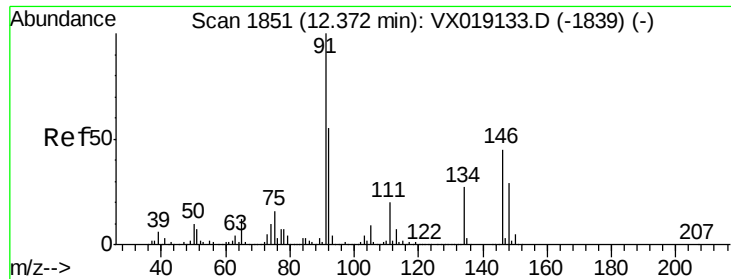
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#88
 1,4-Dichlorobenzene
 Concen: 49.005 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX019162.D
 Acq: 28 Oct 2020 14:05

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.3	20.2	60.5
148	64.1	31.3	93.8





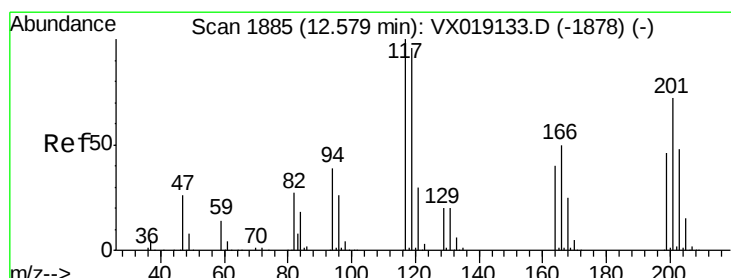
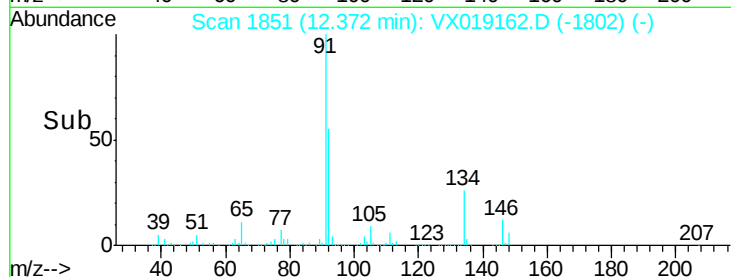
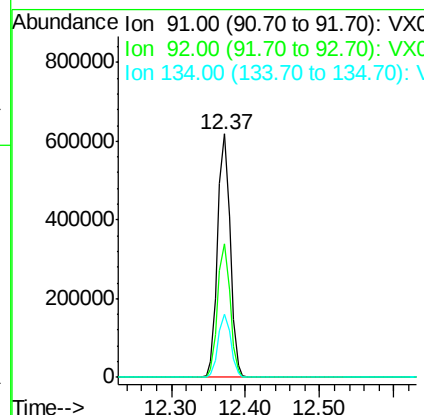
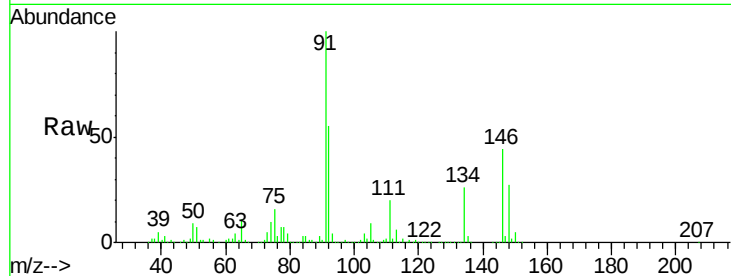
#89
n-Butylbenzene
Concen: 52.697 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX019162.D
Acq: 28 Oct 2020 14:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.6	27.5	82.4
134	26.1	13.2	39.6

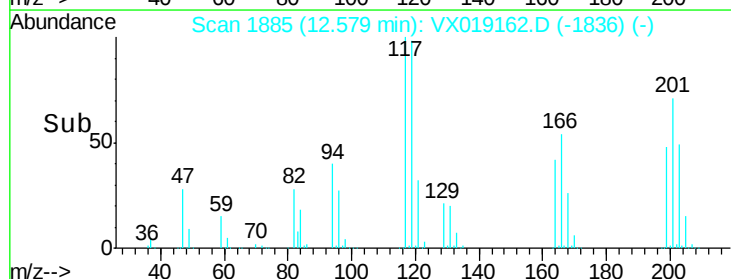
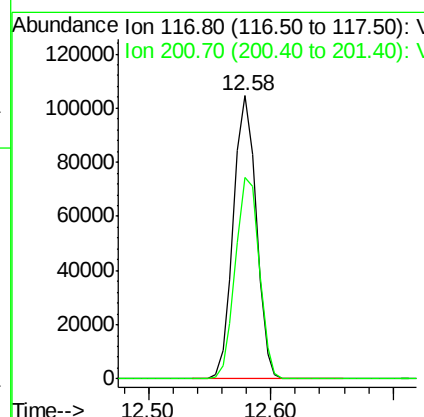
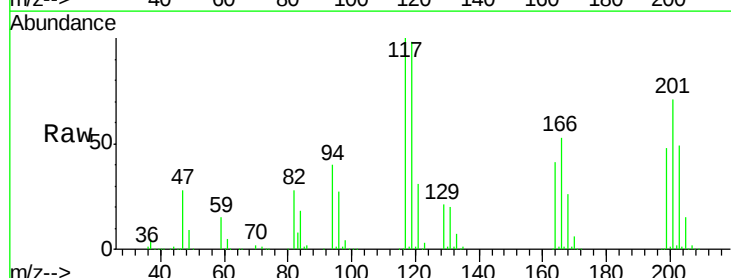
Manual Integrations
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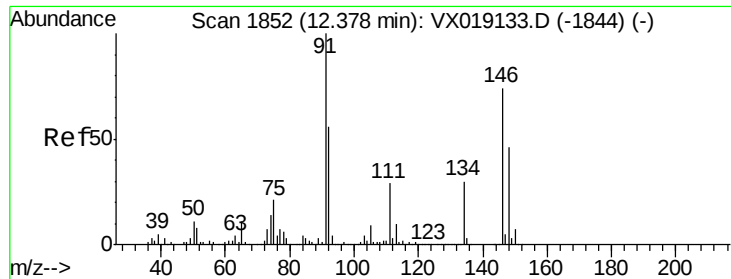
MMDadoda
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#90
Hexachloroethane
Concen: 55.000 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX019162.D
Acq: 28 Oct 2020 14:05

Tgt Ion	Ratio	Lower	Upper
117	100		
201	74.1	38.5	115.3





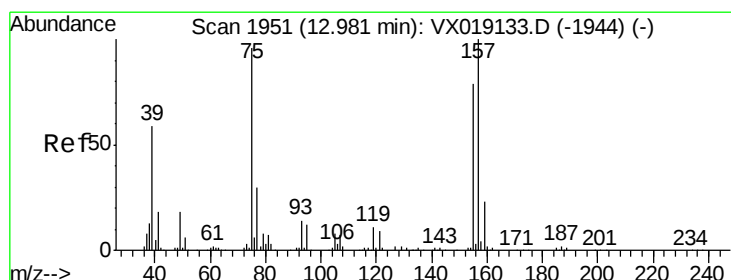
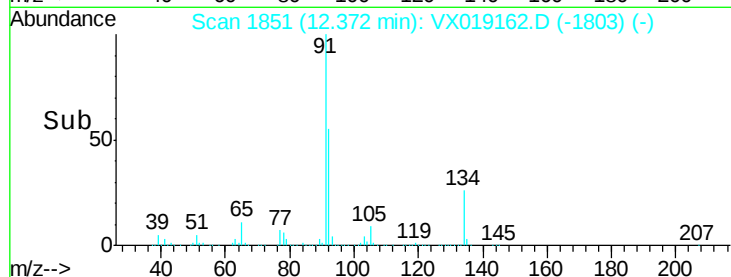
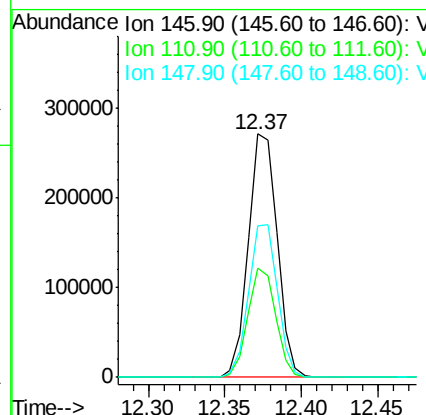
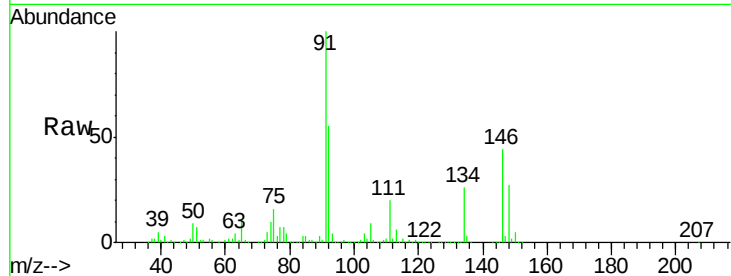
#91
 1,2-Dichlorobenzene
 Concen: 49.982 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: VX019162.D
 Acq: 28 Oct 2020 14:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.1	21.2	63.6
148	62.8	31.6	94.7

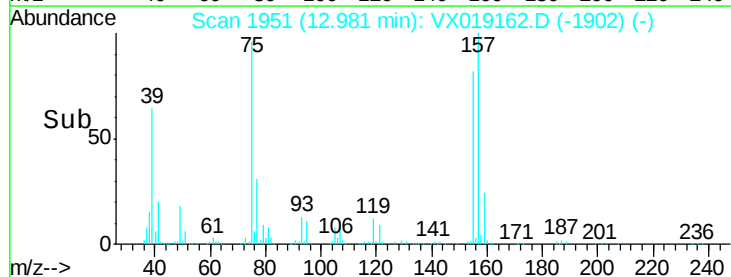
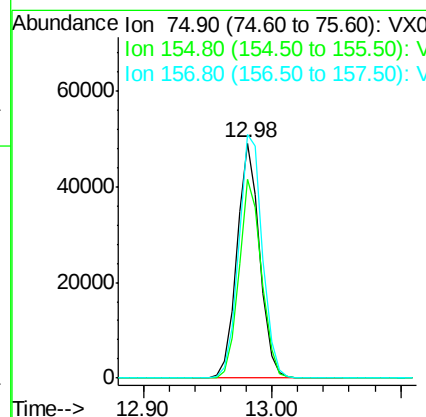
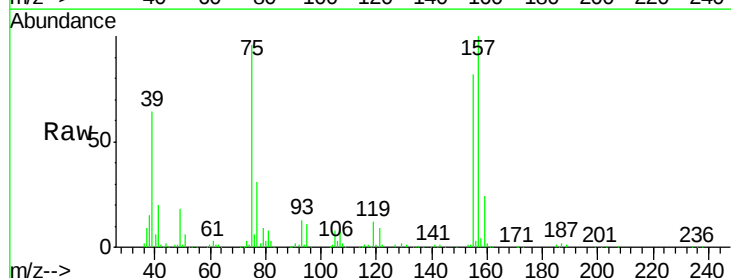
Manual Integrations
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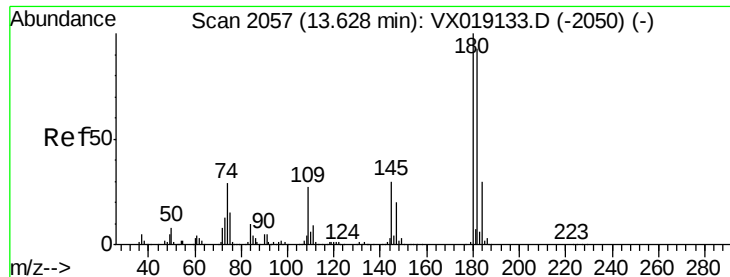
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.944 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX019162.D
 Acq: 28 Oct 2020 14:05

Tgt Ion	Ratio	Lower	Upper
75	100		
155	83.5	42.8	128.4
157	107.5	54.8	164.4





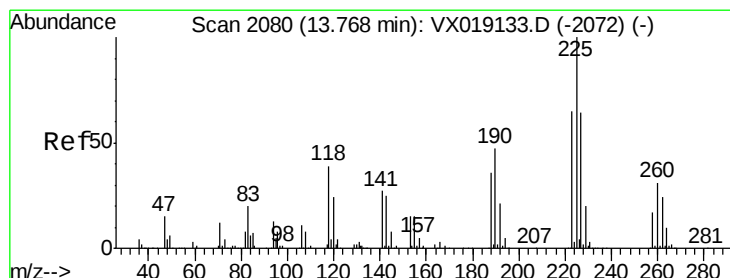
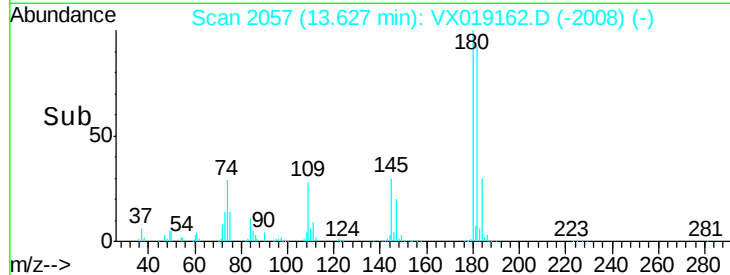
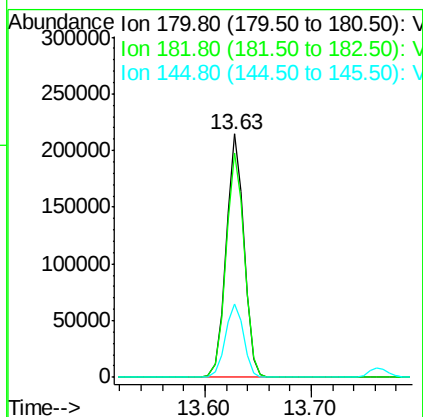
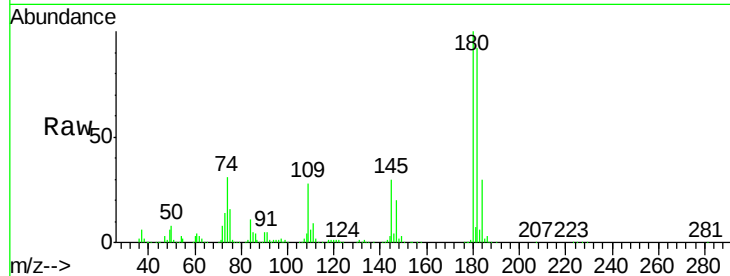
#93
 1,2,4-Trichlorobenzene
 Concen: 46.712 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX019162.D
 Acq: 28 Oct 2020 14:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	250878		
182	95.0	46.8	140.3	
145	31.0	15.5	46.5	

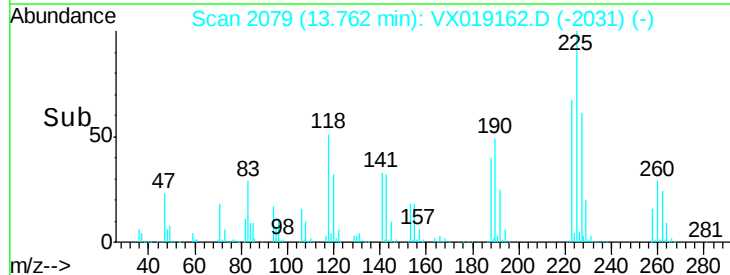
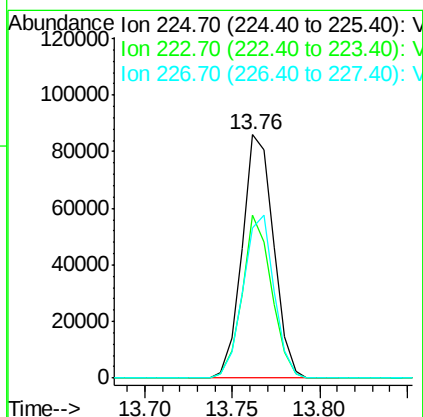
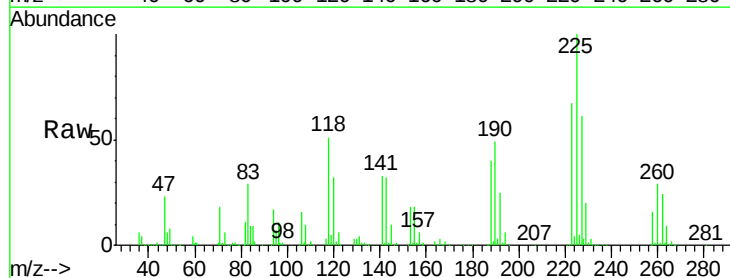
Manual Integrations
 APPROVED

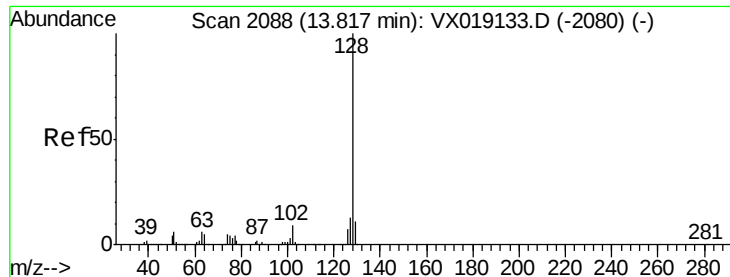
MMDadoda
 10/29/2020 9:45:46 AM



#94
 Hexachlorobutadiene
 Concen: 45.354 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX019162.D
 Acq: 28 Oct 2020 14:05

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	107229		
223	62.7	32.4	97.2	
227	66.0	31.6	94.7	





#95

Naphthalene

Concen: 48.374 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX019162.D

Acq: 28 Oct 2020 14:05

Instrument :

MSVOA_X

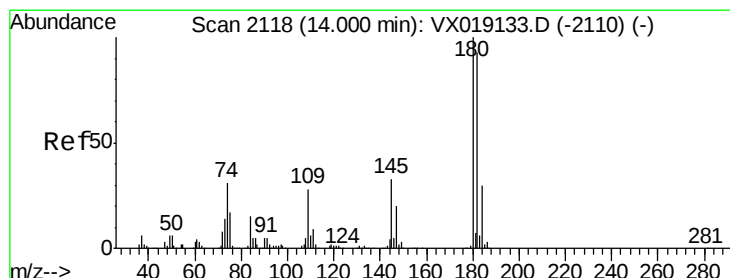
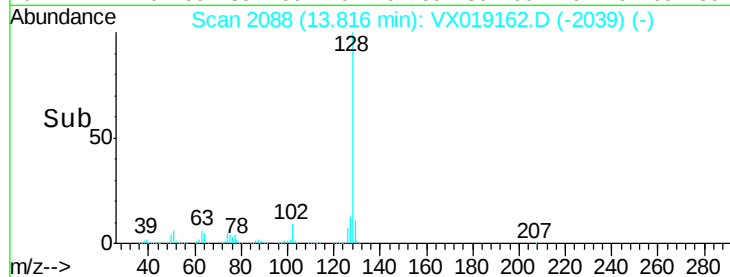
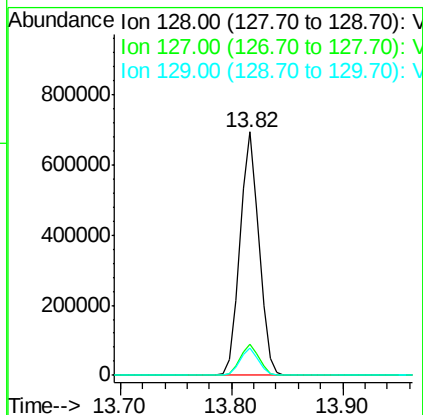
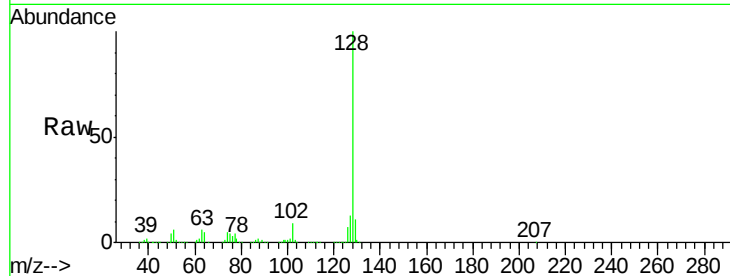
ClientSampleId :

VSTDCCC050EC

Tot Ion:	128	Resp:	818274
Ion Ratio	Lower	Upper	
128	100		
127	12.7	10.3	15.5
129	10.9	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
10/29/2020 9:45:46 AM



#96

1,2,3-Trichlorobenzene

Concen: 48.061 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VX019162.D

Acq: 28 Oct 2020 14:05

Tgt Ion:	180	Resp:	250415
Ion Ratio	Lower	Upper	
180	100		
182	94.4	47.8	143.3
145	33.1	16.5	49.5

