

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX102720\
 Data File : VX019131.D
 Acq On : 27 Oct 2020 11:56
 Operator : JC/SP
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

MMDadoda
 10/28/2020 12:33:19 PM

Quant Time: Oct 27 13:28:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 27 13:11:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	295947	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	485795	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	428214	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	207083	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	23192	6.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	13.10%	
35) Dibromofluoromethane	5.46	113	17632	5.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	11.82%	
50) Toluene-d8	8.70	98	66696	5.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	11.60%	
62) 4-Bromofluorobenzene	11.12	95	24295	5.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	11.84%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.18	85	13025	5.542	ug/l	96
3) Chloromethane	1.31	50	14404	5.691	ug/l	99
4) Vinyl Chloride	1.39	62	16833	5.323	ug/l	98
5) Bromomethane	1.64	94	12910	6.463	ug/l	100
6) Chloroethane	1.71	64	10904	5.115	ug/l	98
7) Trichlorofluoromethane	1.92	101	26419	4.916	ug/l	98
8) Diethyl Ether	2.17	74	9981	4.713	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	15020	5.495	ug/l	99
10) Methyl Iodide	2.49	142	8892	2.945	ug/l	98
11) Tert butyl alcohol	3.03	59	19961	27.504	ug/l	99
12) 1,1-Dichloroethene	2.36	96	15047	5.440	ug/l	96
13) Acrolein	2.28	56	13850	39.339	ug/l	97
14) Allyl chloride	2.70	41	22020	5.988	ug/l	99
15) Acrylonitrile	3.12	53	39674	27.208	ug/l	98
16) Acetone	2.42	43	32742	27.962	ug/l	96
17) Carbon Disulfide	2.55	76	43249	5.644	ug/l	99
18) Methyl Acetate	2.75	43	17055	5.926	ug/l	95
19) Methyl tert-butyl Ether	3.17	73	50980	5.335	ug/l	99
20) Methylene Chloride	2.83	84	17175	5.166	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	16844	5.180	ug/l	98
22) Diisopropyl ether	3.82	45	45006	5.795	ug/l	98
23) Vinyl Acetate	3.78	43	199223	29.140	ug/l	99
24) 1,1-Dichloroethane	3.67	63	28590	5.634	ug/l	98
25) 2-Butanone	4.64	43	51365	27.503	ug/l	100
26) 2,2-Dichloropropane	4.55	77	26801	5.613	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	19240	5.260	ug/l	99
28) Bromochloromethane	4.98	49	13836	6.303	ug/l	94
29) Tetrahydrofuran	5.09	42	32832	27.615	ug/l	98
30) Chloroform	5.18	83	30004	5.335	ug/l	95
31) Cyclohexane	5.54	56	25041	5.573	ug/l	95
32) 1,1,1-Trichloroethane	5.46	97	26502	5.282	ug/l	98
36) 1,1-Dichloropropene	5.76	75	22972	5.393	ug/l	99
37) Ethyl Acetate	4.79	43	21519	5.726	ug/l	98
38) Carbon Tetrachloride	5.75	117	22928	5.229	ug/l	98

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 ALS Vial : 3 Sample Multiplier: 1

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Manual Integrations
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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	28440	5.445	ug/l	96
40) Benzene	6.11	78	66209	5.302	ug/l	95
41) Methacrylonitrile	5.01	41	11118	5.732	ug/l	97
42) 1,2-Dichloroethane	6.16	62	24449	5.728	ug/l	98
43) Isopropyl Acetate	6.41	43	35282	5.738	ug/l	100
44) Trichloroethene	7.19	130	18752	5.244	ug/l	98
45) 1,2-Dichloropropane	7.49	63	16166	5.505	ug/l	97
46) Dibromomethane	7.63	93	11550	5.220	ug/l	99
47) Bromodichloromethane	7.87	83	22518	5.204	ug/l	96
48) Methyl methacrylate	7.74	41	16232	5.598	ug/l	97
49) 1,4-Dioxane	7.74	88	7625	101.930	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	102134	28.434	ug/l	99
52) Toluene	8.76	92	42200	5.225	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	25399	5.311	ug/l	97
54) cis-1,3-Dichloropropene	8.42	75	27234	5.347	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	16669	5.183	ug/l	94
56) Ethyl methacrylate	9.16	69	24063	5.183	ug/l	97
57) 1,3-Dichloropropane	9.35	76	28302	5.374	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	70528	28.044	ug/l	100
59) 2-Hexanone	9.47	43	77634	28.412	ug/l	98
60) Dibromochloromethane	9.56	129	16925	4.937	ug/l	100
61) 1,2-Dibromoethane	9.65	107	17222	5.047	ug/l	97
64) Tetrachloroethene	9.32	164	17622	5.399	ug/l	99
65) Chlorobenzene	10.12	112	45819	5.358	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.20	131	16066	5.253	ug/l	99
67) Ethyl Benzene	10.23	91	80960	5.410	ug/l	100
68) m/p-Xylenes	10.34	106	60515	10.522	ug/l	99
69) o-Xylene	10.68	106	28294	5.134	ug/l	99
70) Styrene	10.70	104	46949	5.113	ug/l	99
71) Bromoform	10.84	173	11593	4.813	ug/l #	99
73) Isopropylbenzene	11.00	105	78598	5.647	ug/l	99
74) N-amyl acetate	10.88	43	27380	6.066	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.25	83	23852	5.486	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	22367m	5.780	ug/l	
77) Bromobenzene	11.24	156	18593	5.334	ug/l	93
78) n-propylbenzene	11.34	91	89246	5.713	ug/l	99
79) 2-Chlorotoluene	11.40	91	52011	5.663	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	64472	5.613	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	7566	5.167	ug/l	93
82) 4-Chlorotoluene	11.49	91	63253	5.817	ug/l	98
83) tert-Butylbenzene	11.75	119	61994	5.525	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	64629	5.564	ug/l	99
85) sec-Butylbenzene	11.93	105	73930	5.488	ug/l	99
86) p-Isopropyltoluene	12.05	119	67182	5.387	ug/l	98
87) 1,3-Dichlorobenzene	12.01	146	35757	5.543	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	36649	5.452	ug/l	93
89) n-Butylbenzene	12.37	91	62695	5.515	ug/l	99
90) Hexachloroethane	12.58	117	10469	5.018	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	34007	5.383	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	5404	5.629	ug/l	95

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ALS Vial : 3 Sample Multiplier: 1

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MSVOA_X
ClientSampleId :
VSTDICC005

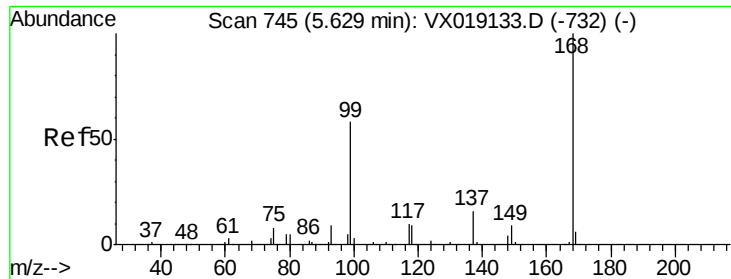
Manual Integrations
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102720W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 27 13:11:49 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	23889	5.425	ug/l	97
94) Hexachlorobutadiene	13.77	225	10338	5.284	ug/l	97
95) Naphthalene	13.82	128	72904	5.257	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	23089	5.345	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.01 min

Lab File: VX019131.D

Acq: 27 Oct 2020 11:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion:168 Resp: 295947

Ion Ratio Lower Upper

168 100

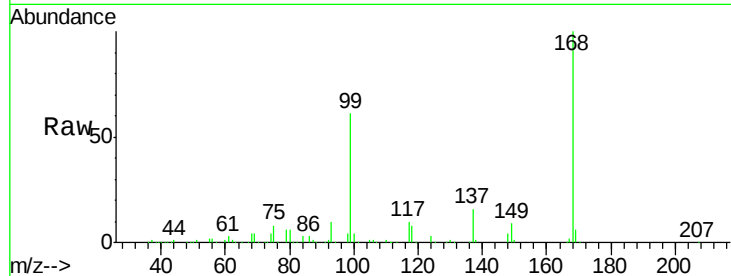
99 60.6 46.6 69.8

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.62

120000

100000

80000

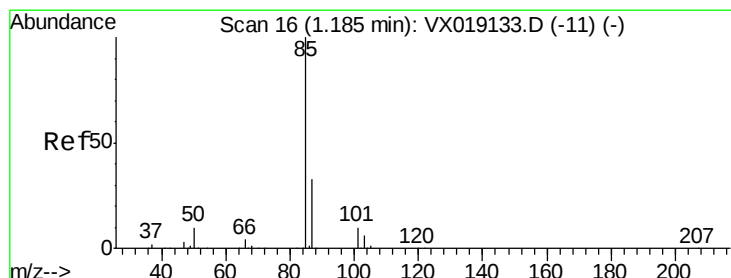
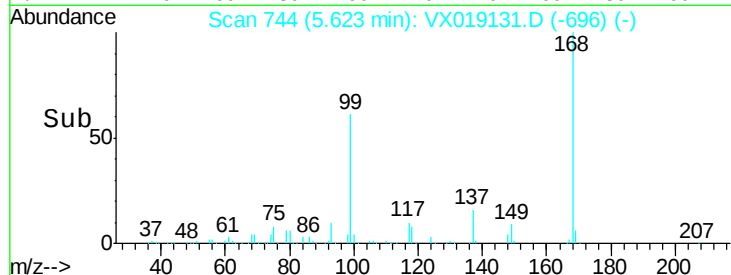
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 5.542 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX019131.D

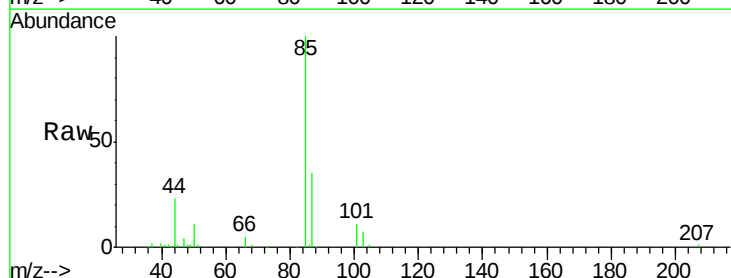
Acq: 27 Oct 2020 11:56

Tgt Ion: 85 Resp: 13025

Ion Ratio Lower Upper

85 100

87 35.3 16.6 49.7



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

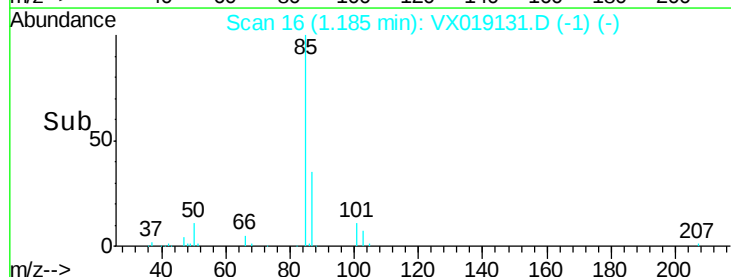
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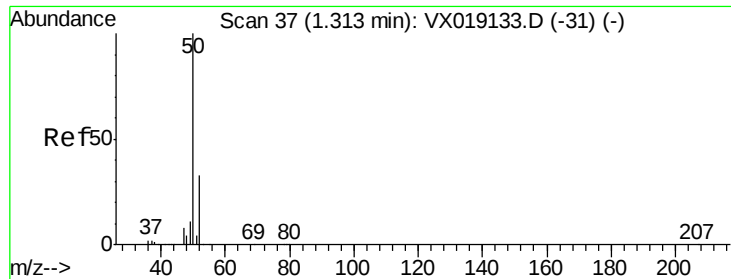
10000

5000

0

Time-->





#3

Chloromethane

Concen: 5.691 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX019131.D

Acq: 27 Oct 2020 11:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 50 Resp: 14404

Ion Ratio Lower Upper

50 100

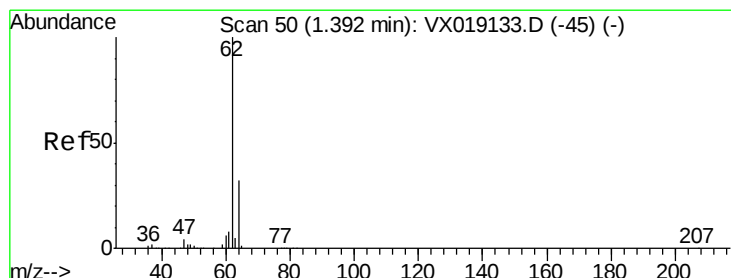
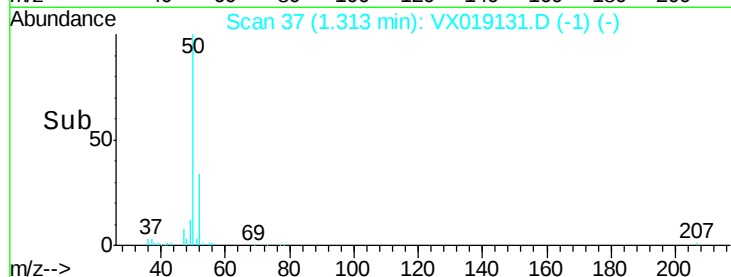
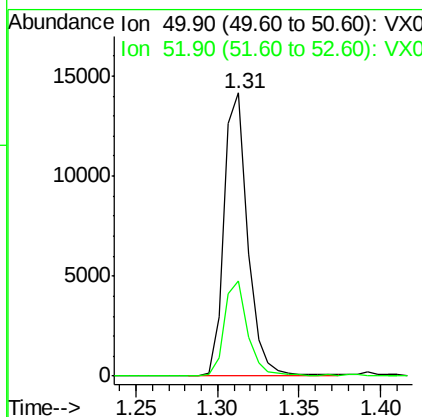
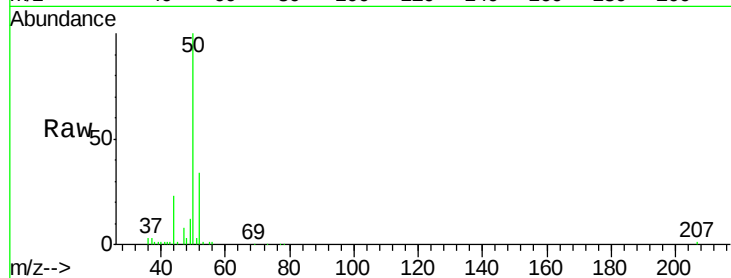
52 33.8 26.8 40.2

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#4

Vinyl Chloride

Concen: 5.323 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX019131.D

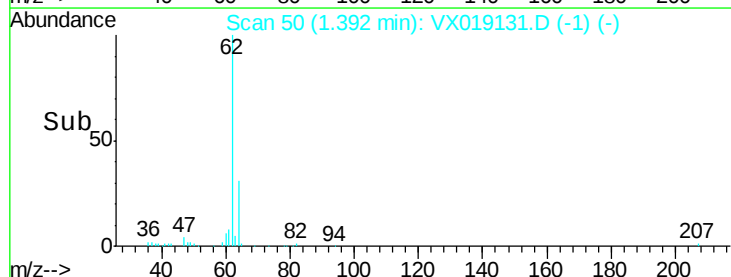
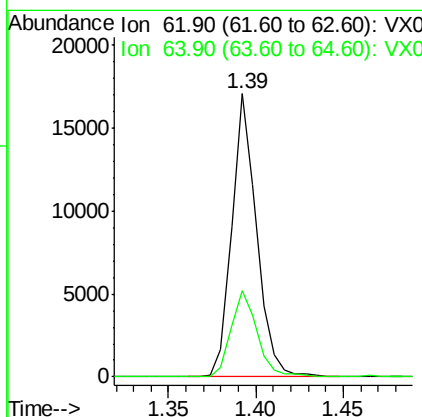
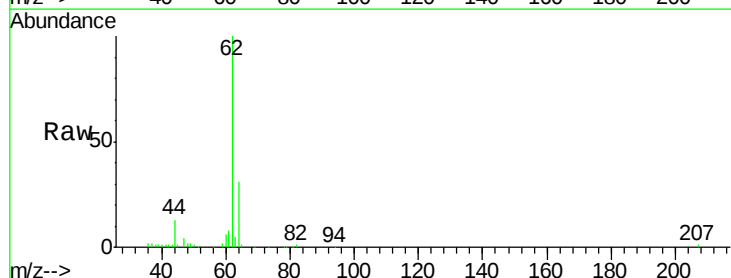
Acq: 27 Oct 2020 11:56

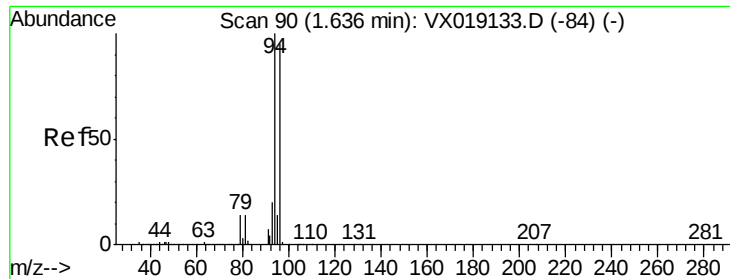
Tgt Ion: 62 Resp: 16833

Ion Ratio Lower Upper

62 100

64 30.5 25.4 38.0





#5

Bromomethane

Concen: 6.463 ug/l

RT: 1.64 min Scan# 90

Delta R.T. 0.00 min

Lab File: VX019131.D

Acq: 27 Oct 2020 11:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 94 Resp: 12910

Ion Ratio Lower Upper

94 100

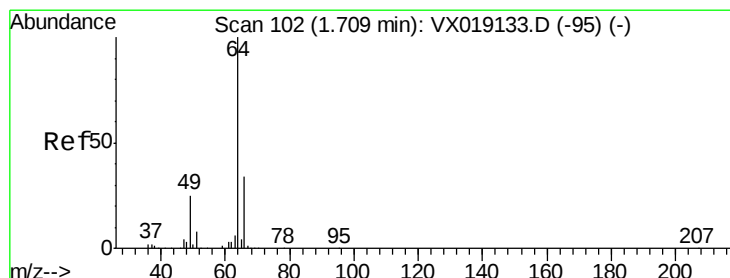
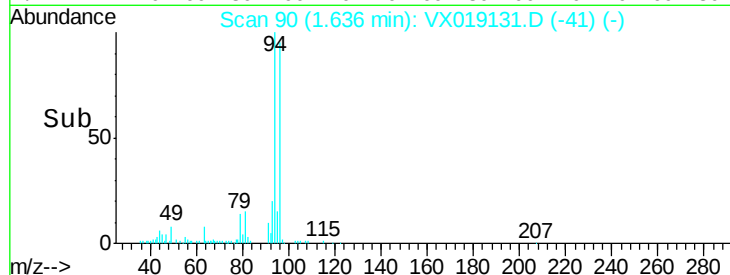
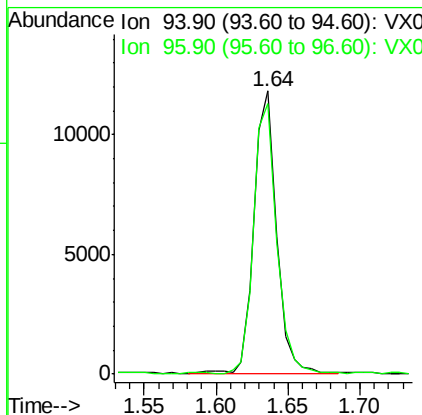
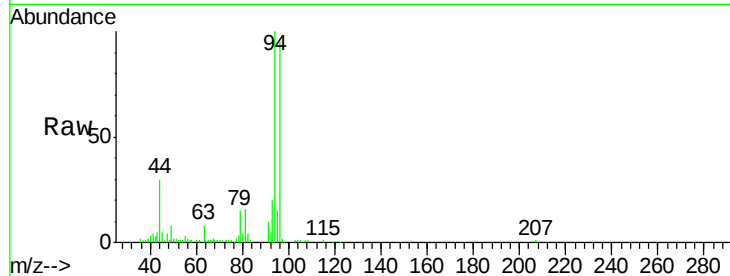
96 94.8 76.0 114.0

Manual Integrations

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#6

Chloroethane

Concen: 5.115 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.00 min

Lab File: VX019131.D

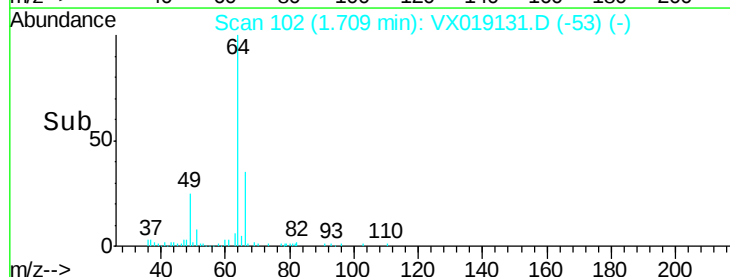
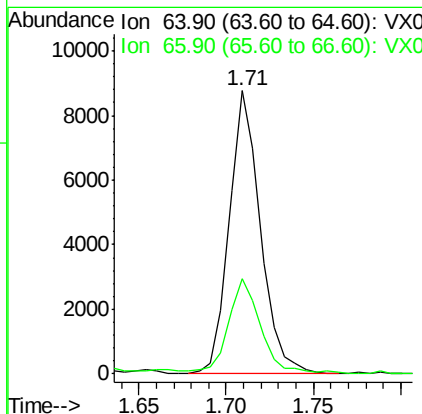
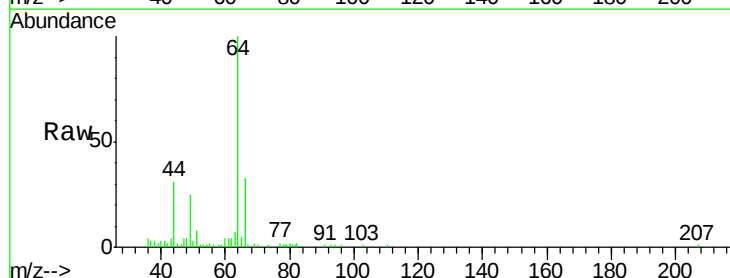
Acq: 27 Oct 2020 11:56

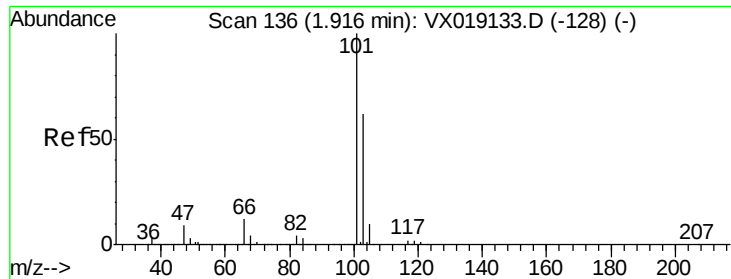
Tgt Ion: 64 Resp: 10904

Ion Ratio Lower Upper

64 100

66 32.7 27.1 40.7





#7

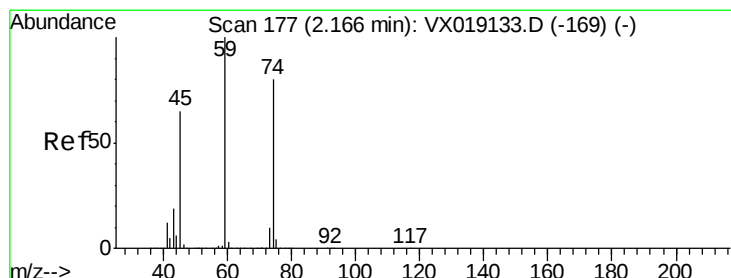
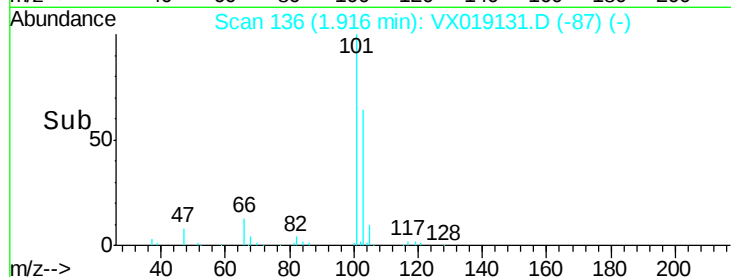
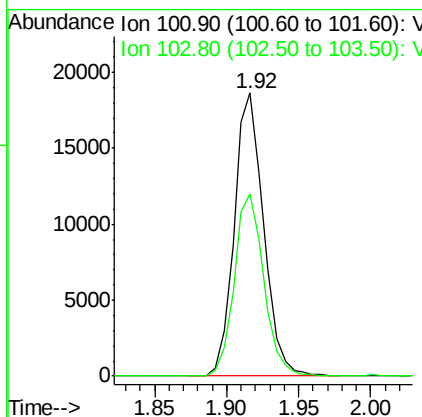
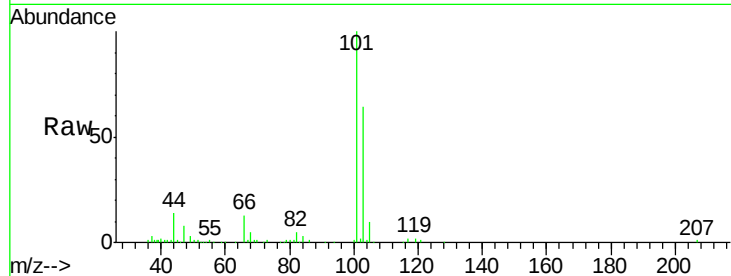
Trichlorofluoromethane
Concen: 4.916 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.00 min
Lab File: VX019131.D
Acq: 27 Oct 2020 11:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.3	50.0	75.0

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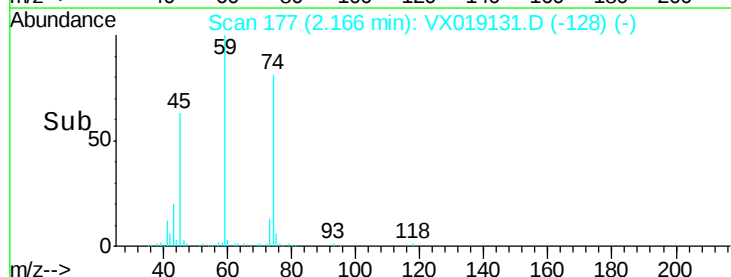
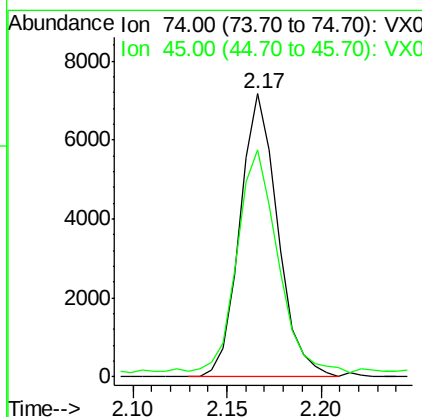
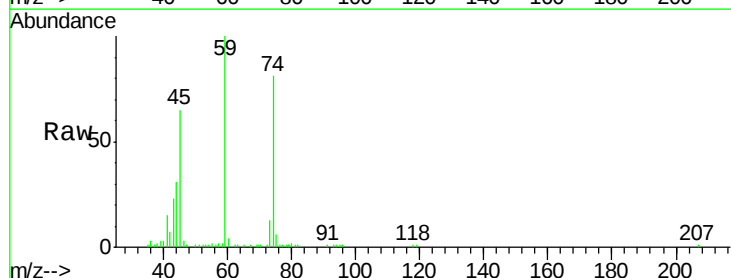
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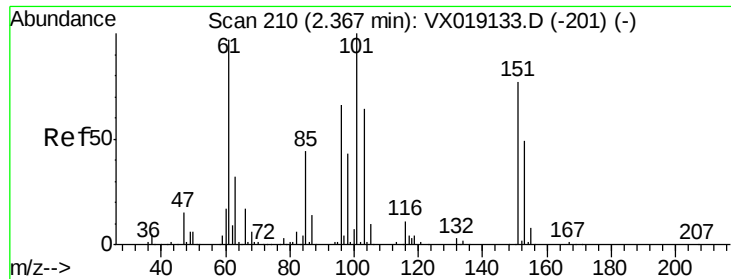


#8

Diethyl Ether
Concen: 4.713 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX019131.D
Acq: 27 Oct 2020 11:56

Tgt Ion	Ratio	Lower	Upper
74	100		
45	84.1	41.0	123.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.495 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX019131.D

Acq: 27 Oct 2020 11:56

Instrument :

MSVOA_X

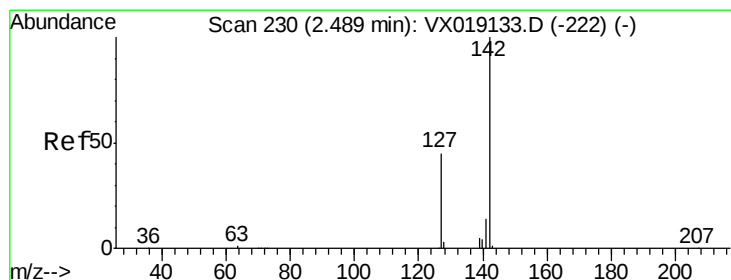
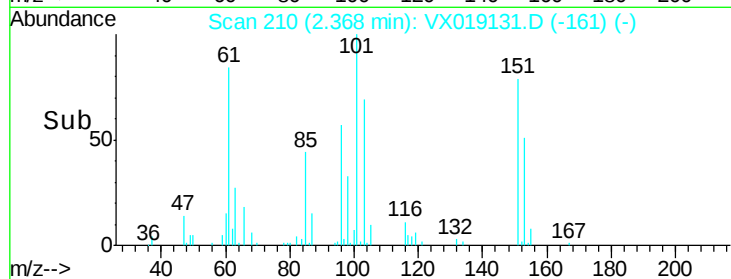
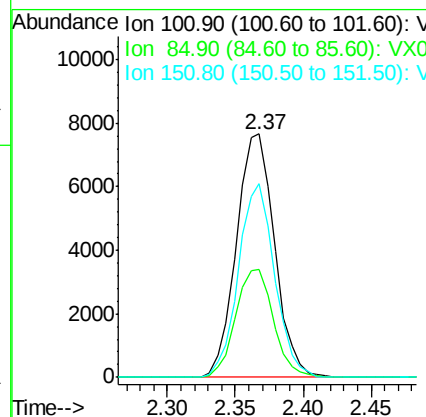
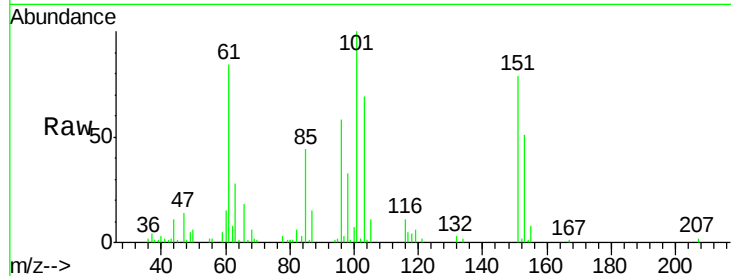
ClientSampleId :

VSTDIC005

Tot Ion:	101	Resp:	15020
Ion Ratio	Lower	Upper	
101	100		
85	43.8	35.0	52.4
151	75.4	61.4	92.2

Manual Integrations
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#10

Methyl Iodide

Concen: 2.945 ug/l

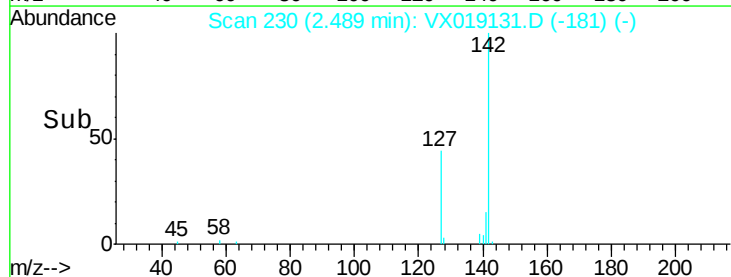
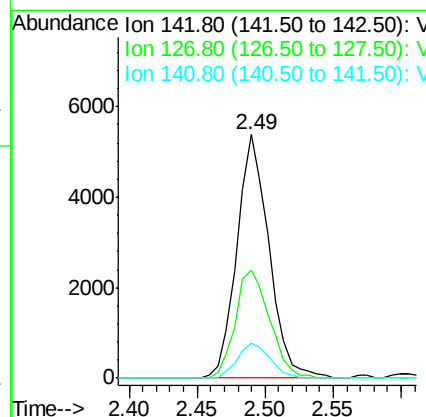
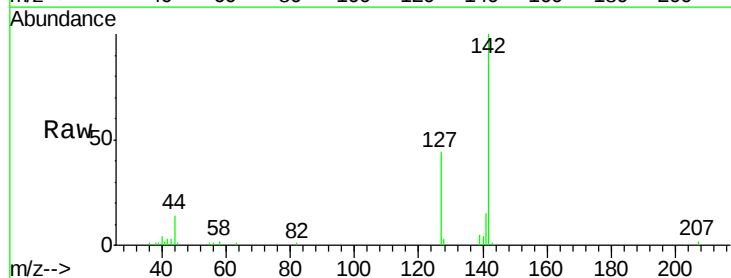
RT: 2.49 min Scan# 230

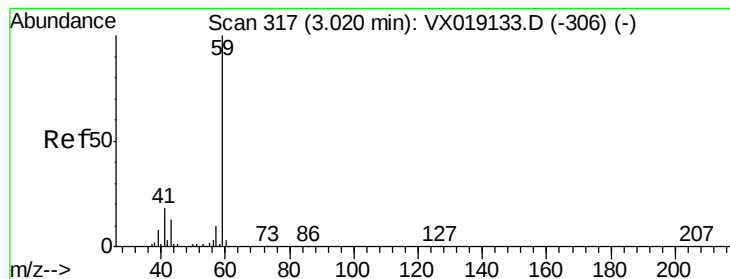
Delta R.T. 0.00 min

Lab File: VX019131.D

Acq: 27 Oct 2020 11:56

Tgt Ion:	142	Resp:	8892
Ion Ratio	Lower	Upper	
142	100		
127	47.1	36.1	54.1
141	14.3	11.3	16.9





#11

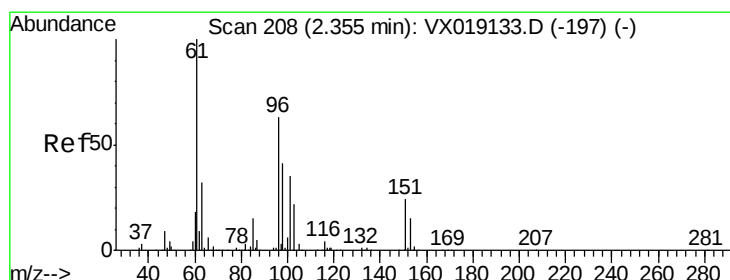
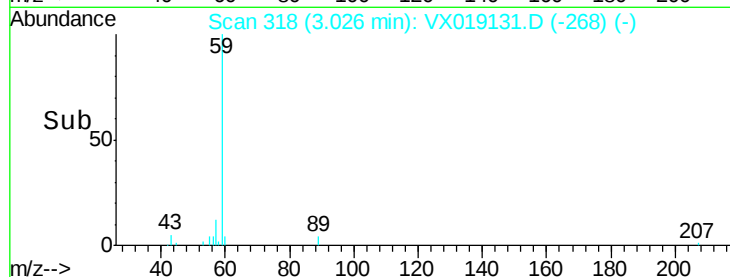
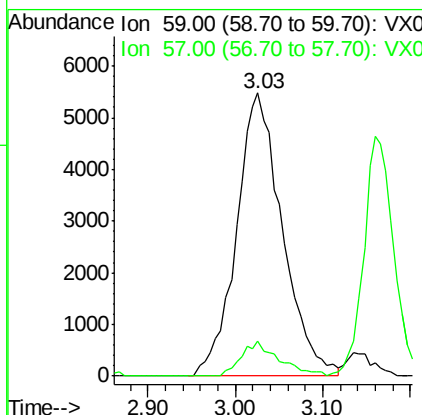
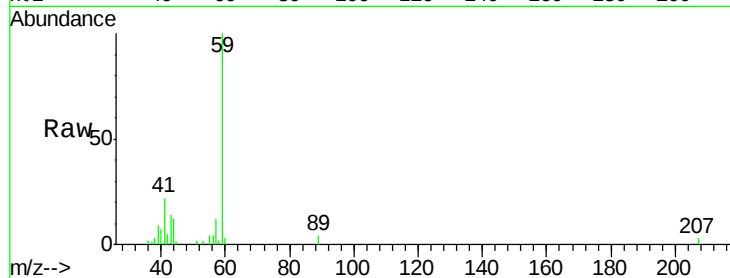
Tert butyl alcohol
 Concen: 27.504 ug/l
 RT: 3.03 min Scan# 318
 Delta R.T. 0.01 min
 Lab File: VX019131.D
 Acq: 27 Oct 2020 11:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ion	Ratio	Resp	Lower	Upper
59	59	100	19961		
57	57	10.3		8.4	12.6

Manual Integrations
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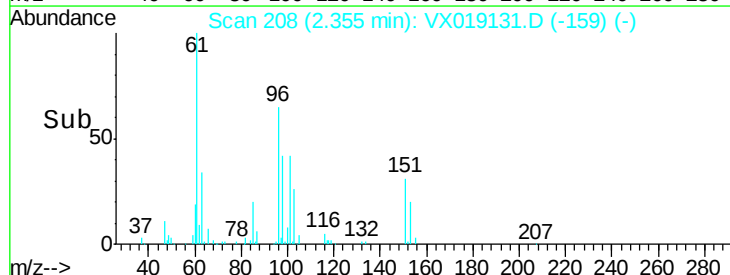
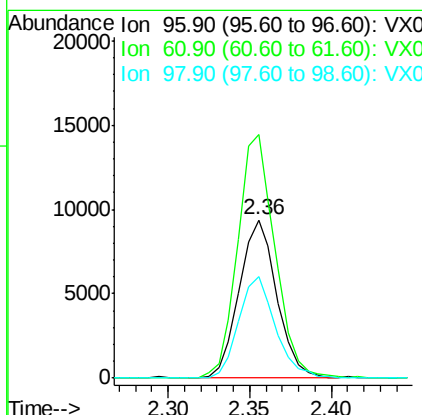
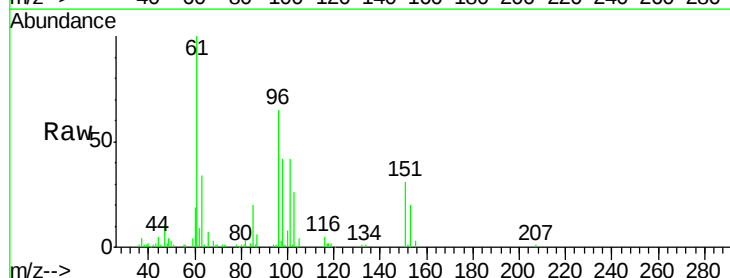
MMDadoda
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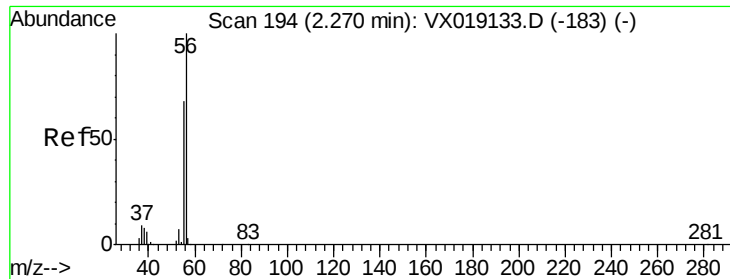


#12

1,1-Dichloroethene
 Concen: 5.440 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. 0.00 min
 Lab File: VX019131.D
 Acq: 27 Oct 2020 11:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
96	96	100	15047		
61	61	153.7		127.7	191.5
98	98	64.0		52.1	78.1





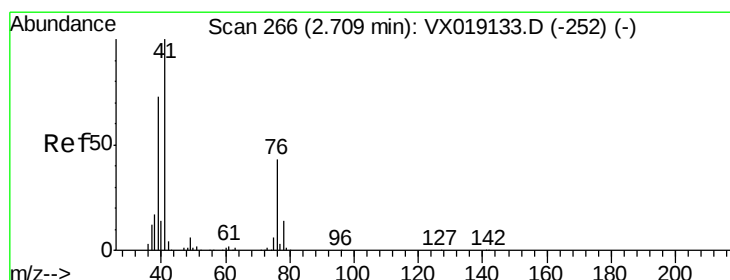
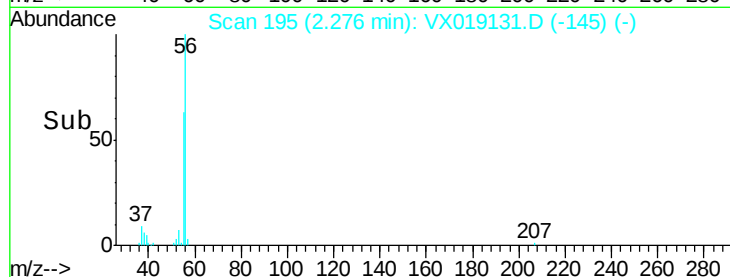
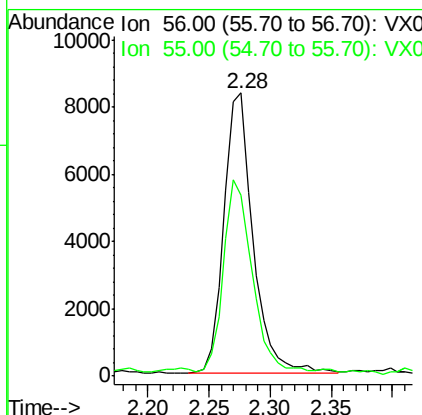
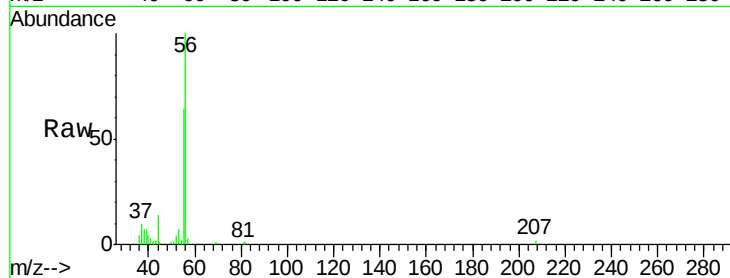
#13
Acrolein
Concen: 39.339 ug/l
RT: 2.28 min Scan# 195
Delta R.T. 0.01 min
Lab File: VX019131.D
Acq: 27 Oct 2020 11:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
56	100		
55	65.7	54.7	82.1

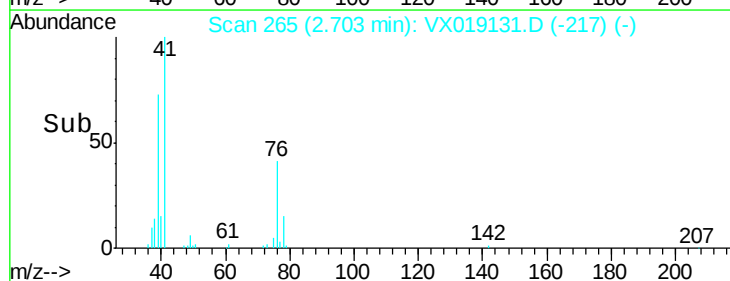
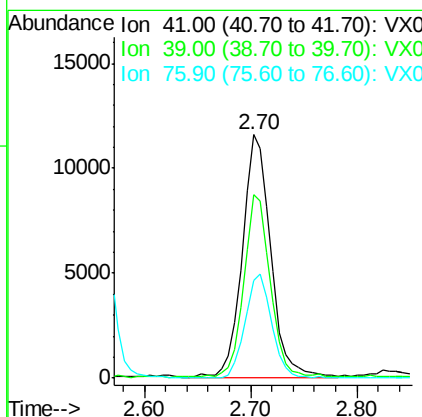
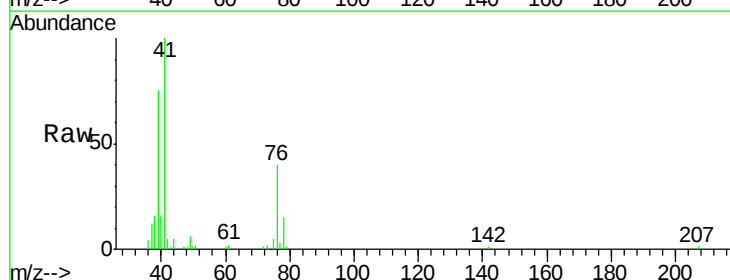
Manual Integrations
APPROVED

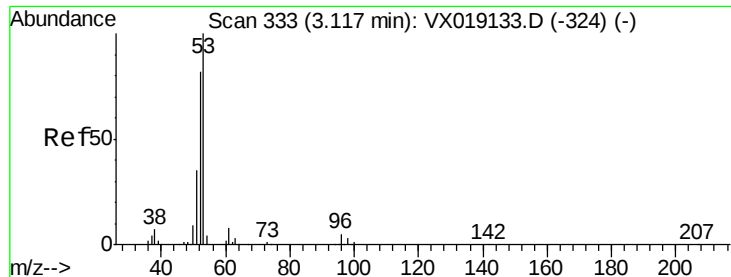
MMDadoda
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#14
Allyl chloride
Concen: 5.988 ug/l
RT: 2.70 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX019131.D
Acq: 27 Oct 2020 11:56

Tgt Ion	Ratio	Lower	Upper
41	100		
39	68.2	55.2	82.8
76	39.6	31.5	47.3





#15

Acrylonitrile

Concen: 27.208 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX019131.D

Acq: 27 Oct 2020 11:56

Instrument :

MSVOA_X

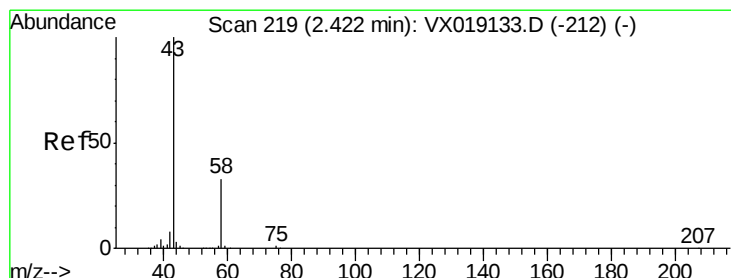
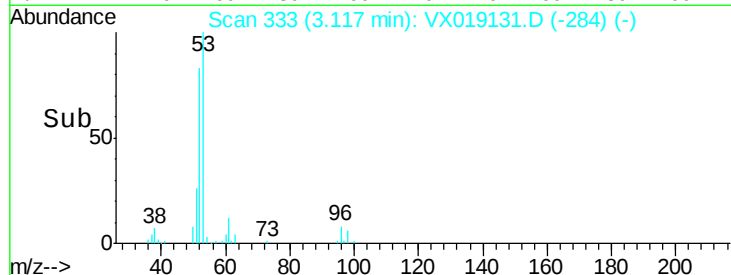
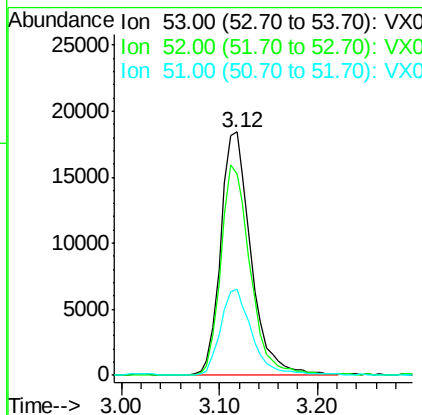
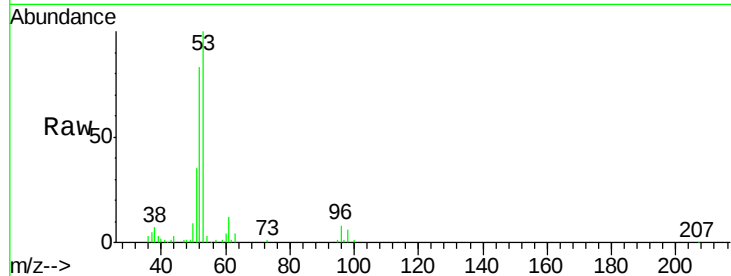
ClientSampleId :

VSTDIC005

Tot Ion:	53	Resp:	39674
Ion	Ratio	Lower	Upper
53	100		
52	84.2	65.7	98.5
51	36.7	28.4	42.6

Manual Integrations
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#16

Acetone

Concen: 27.962 ug/l

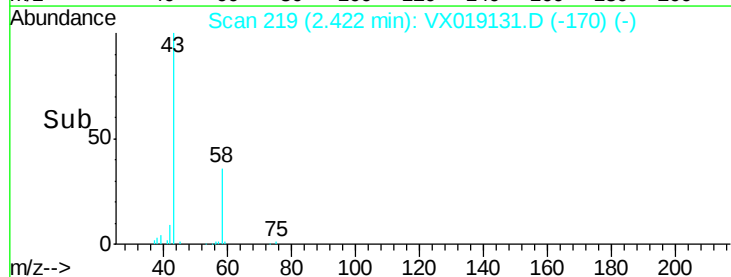
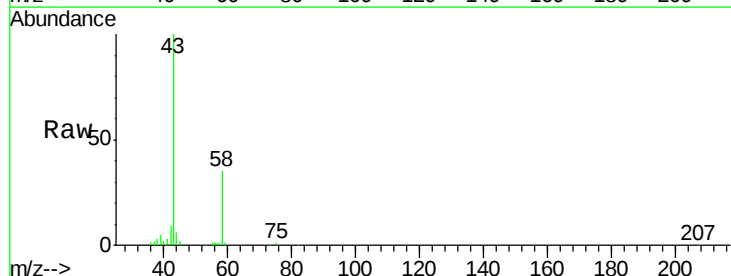
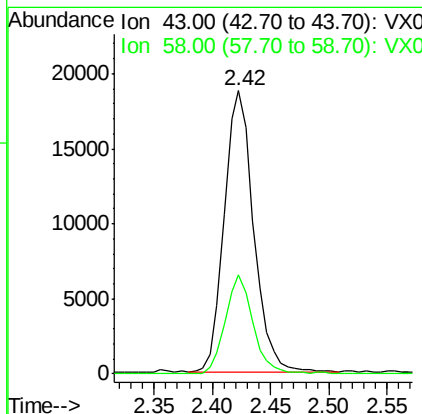
RT: 2.42 min Scan# 219

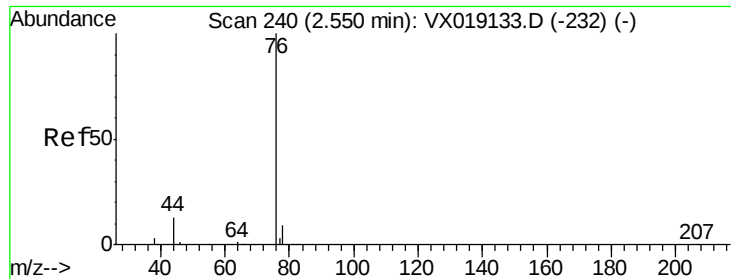
Delta R.T. 0.00 min

Lab File: VX019131.D

Acq: 27 Oct 2020 11:56

Tgt Ion:	43	Resp:	32742
Ion	Ratio	Lower	Upper
43	100		
58	35.2	26.3	39.5





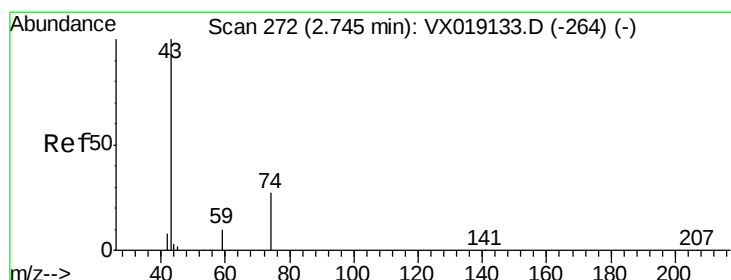
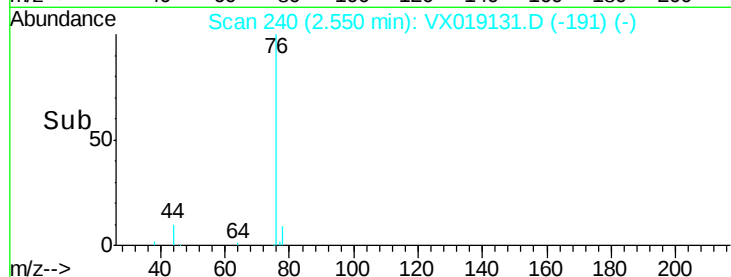
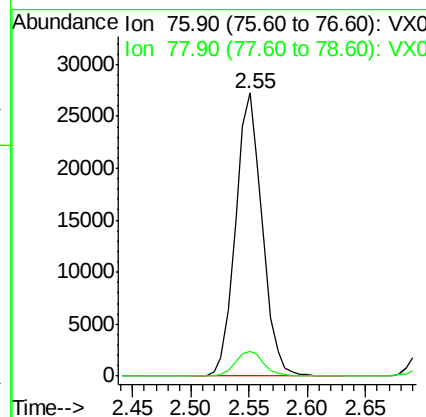
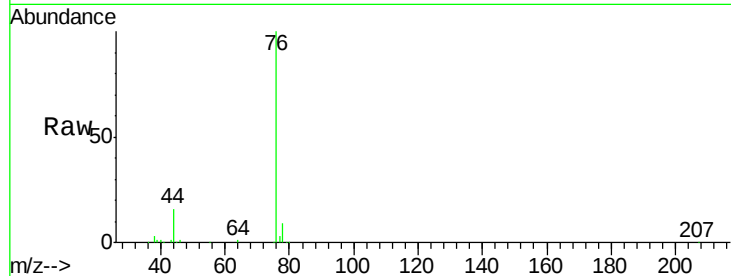
#17
Carbon Disulfide
Concen: 5.644 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX019131.D
Acq: 27 Oct 2020 11:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.3	10.9

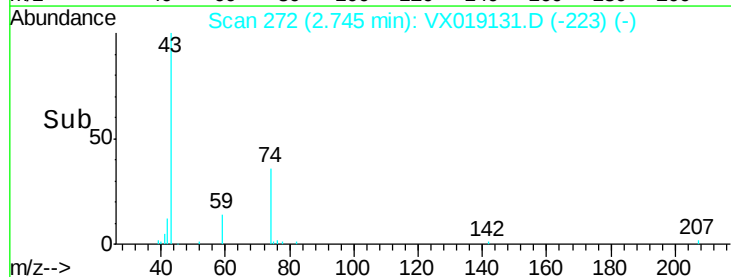
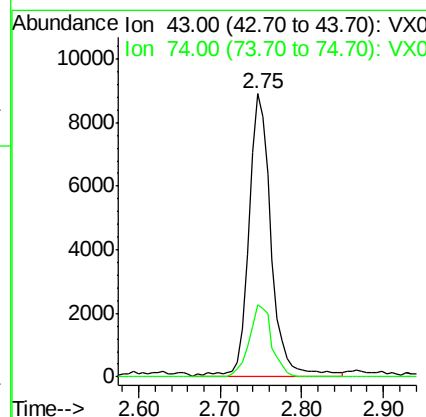
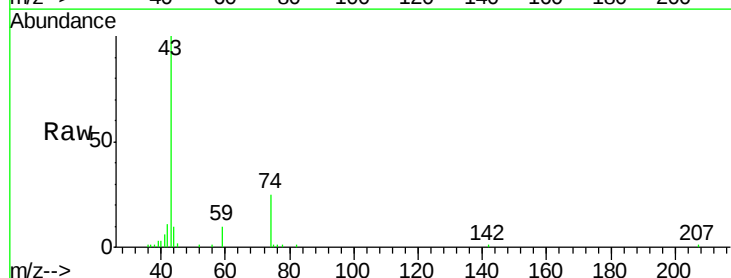
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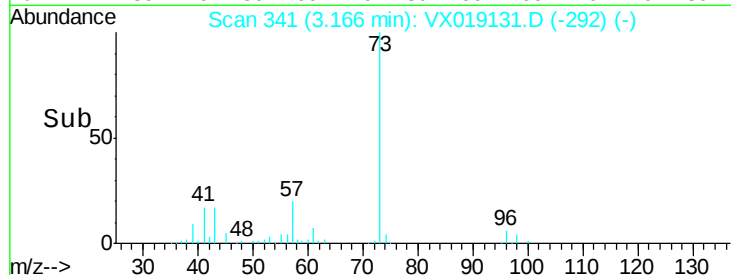
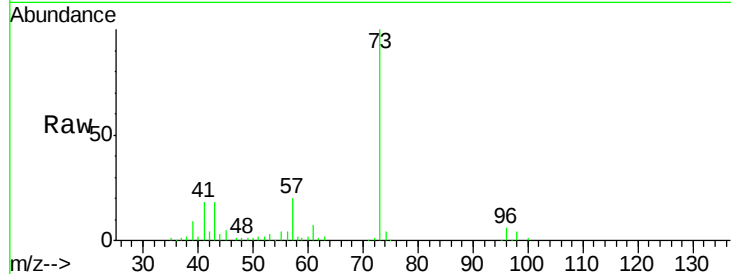
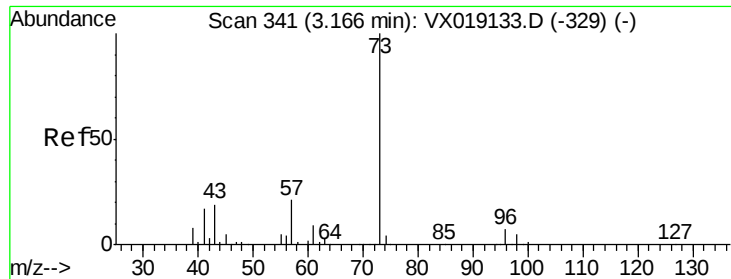
MMDadoda
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#18
Methyl Acetate
Concen: 5.926 ug/l
RT: 2.75 min Scan# 272
Delta R.T. 0.00 min
Lab File: VX019131.D
Acq: 27 Oct 2020 11:56

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.3	22.6	33.8





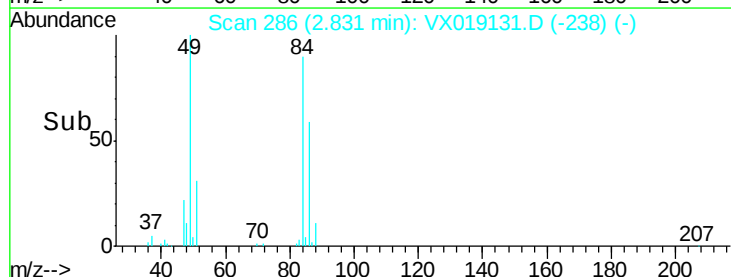
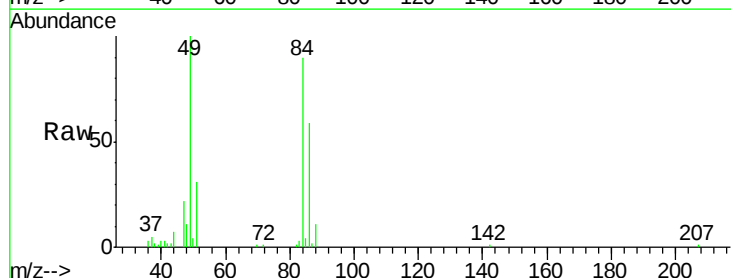
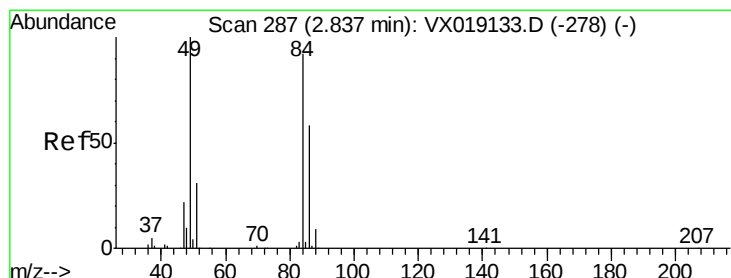
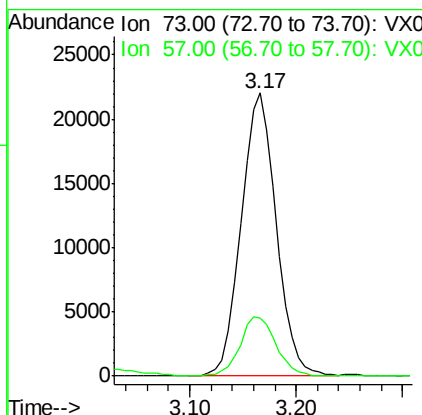
#19
Methvl tert-butvl Ether
Concen: 5.335 ug/l
RT: 3.17 min Scan# 341
Delta R.T. 0.00 min
Lab File: VX019131.D
Acq: 27 Oct 2020 11:56

Tot Ion	73	Resp	50980
Ion Ratio	100	Lower	Upper
73	100		
57	20.4	16.6	25.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

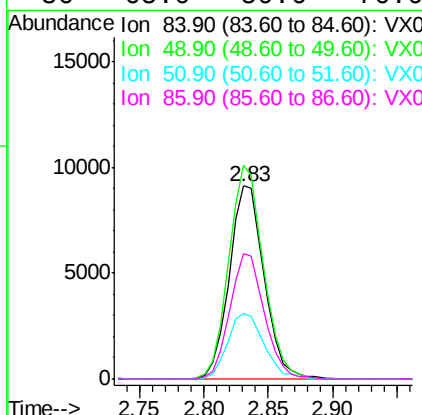
Manual Integrations
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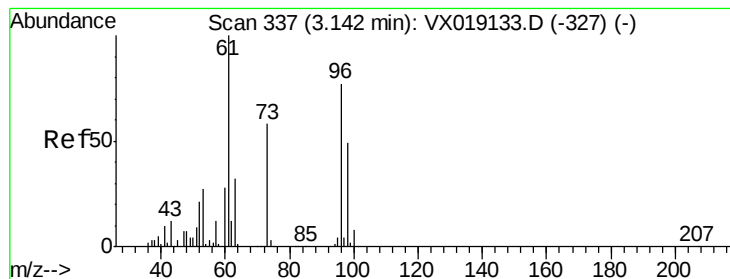
MMDadoda
10/28/2020 12:33:19 PM



#20
Methylene Chloride
Concen: 5.166 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX019131.D
Acq: 27 Oct 2020 11:56

Tgt Ion	84	Resp	17175
Ion Ratio	100	Lower	Upper
84	100		
49	110.5	86.8	130.2
51	33.8	27.3	40.9
86	65.0	50.6	76.0





#21

trans-1,2-Dichloroethene

Concen: 5.180 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX019131.D

Acq: 27 Oct 2020 11:56

Instrument :

MSVOA_X

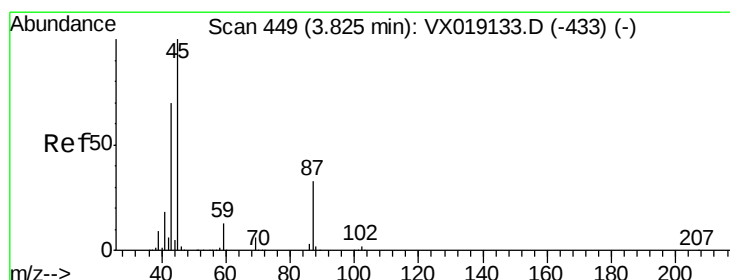
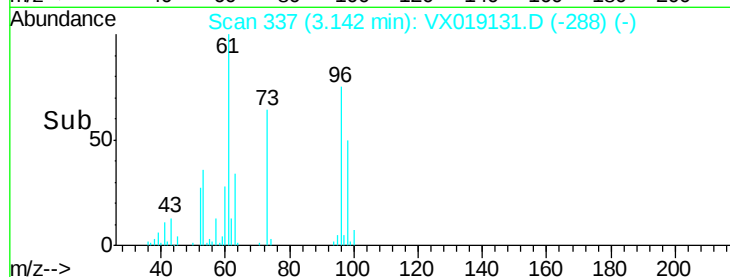
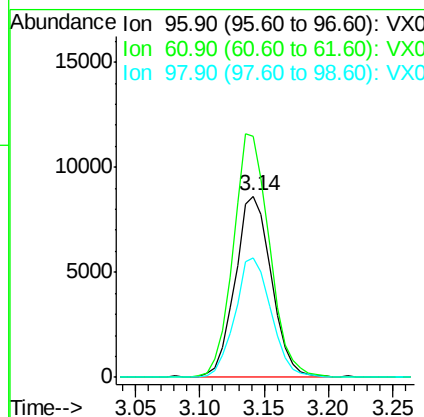
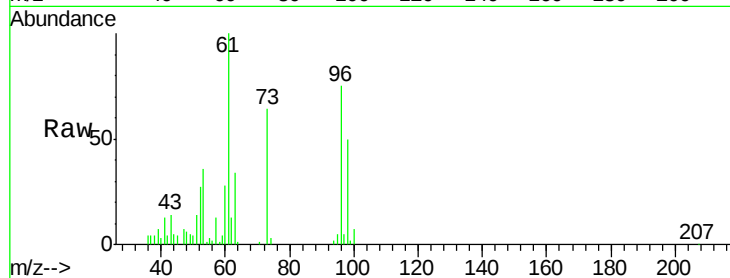
ClientSampleId :

VSTDIC005

Tot Ion:	96	Resp:	16844
Ion	Ratio	Lower	Upper
96	100		
61	133.0	104.2	156.4
98	66.1	51.3	76.9

Manual Integrations
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#22

Diisopropyl ether

Concen: 5.795 ug/l

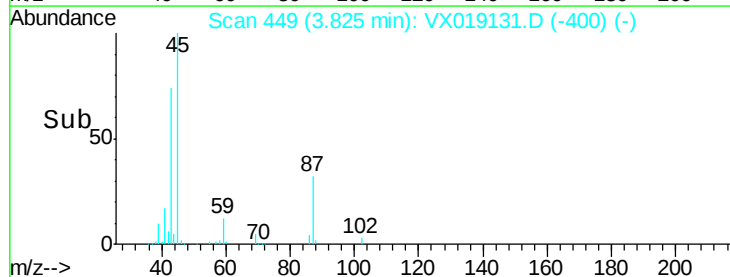
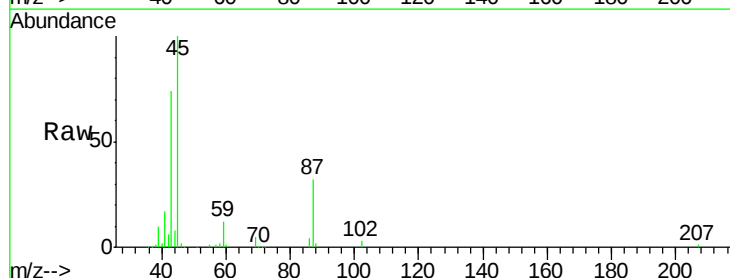
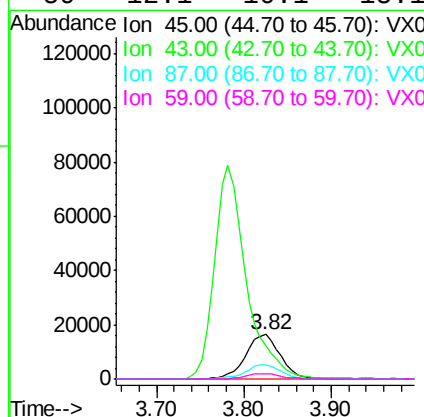
RT: 3.82 min Scan# 449

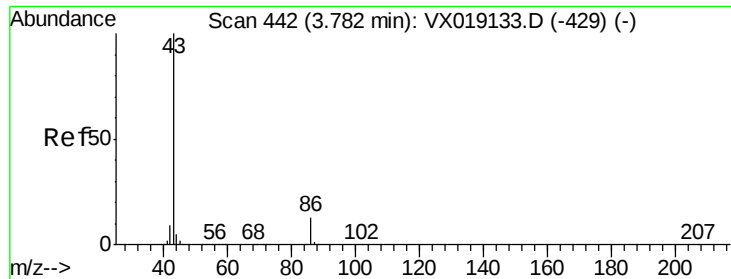
Delta R.T. 0.00 min

Lab File: VX019131.D

Acq: 27 Oct 2020 11:56

Tgt Ion:	45	Resp:	45006
Ion	Ratio	Lower	Upper
45	100		
43	72.1	56.2	84.4
87	31.9	26.2	39.2
59	12.1	10.1	15.1





#23

Vinyl Acetate

Concen: 29.140 ug/l

RT: 3.78 min Scan# 442

Delta R.T. 0.00 min

Lab File: VX019131.D

Acq: 27 Oct 2020 11:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 43 Resp: 199223

Ion Ratio Lower Upper

43 100

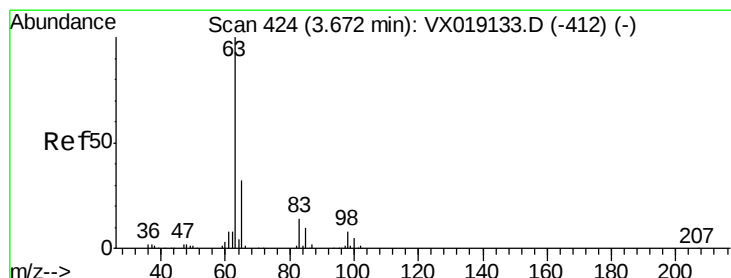
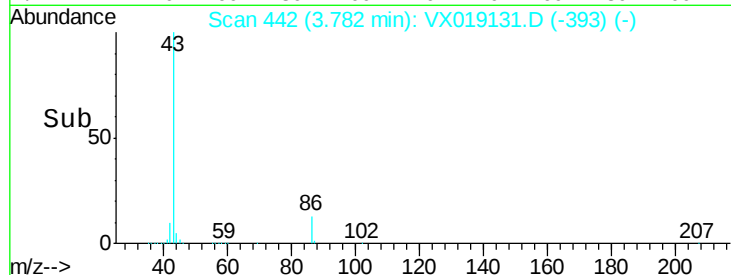
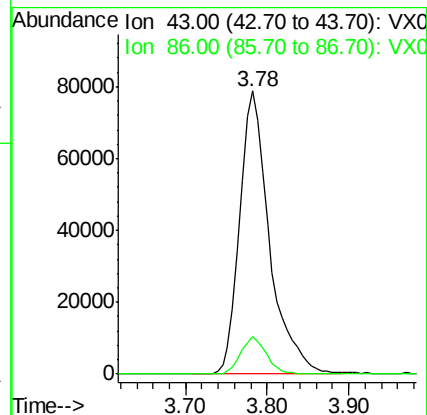
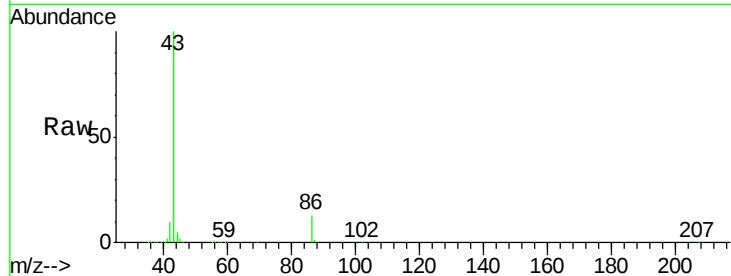
86 13.3 10.4 15.6

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 5.634 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX019131.D

Acq: 27 Oct 2020 11:56

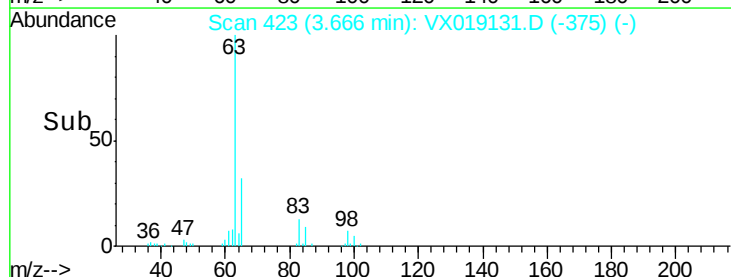
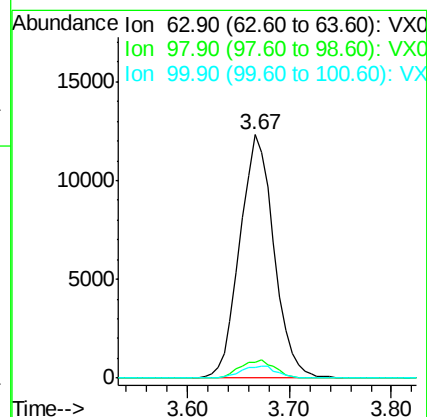
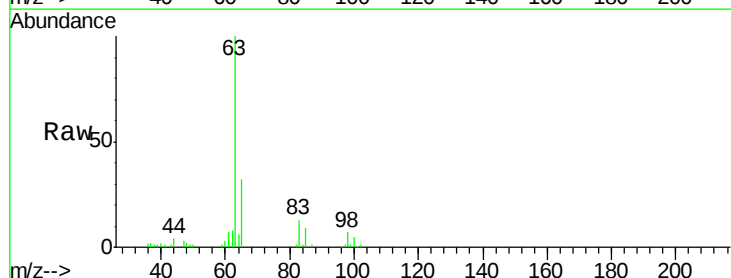
Tgt Ion: 63 Resp: 28590

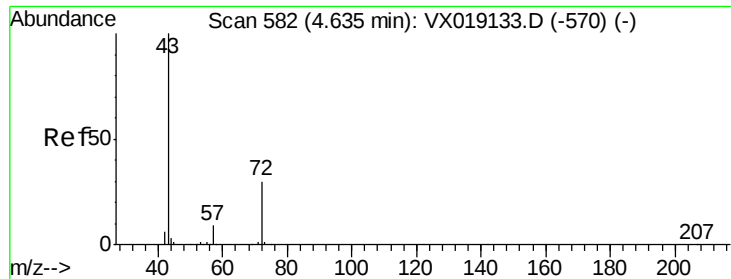
Ion Ratio Lower Upper

63 100

98 6.6 3.8 11.4

100 4.5 2.4 7.2





#25

2-Butanone

Concen: 27.503 ug/l

RT: 4.64 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX019131.D

Acq: 27 Oct 2020 11:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 43 Resp: 51365

Ion Ratio Lower Upper

43 100

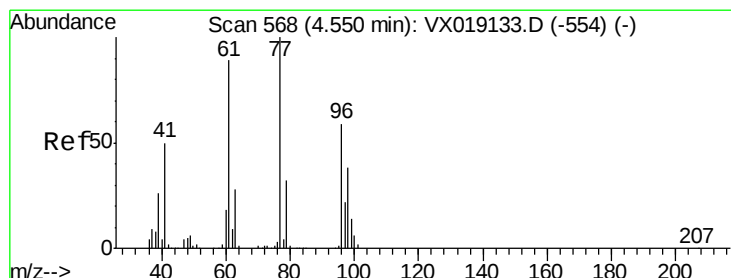
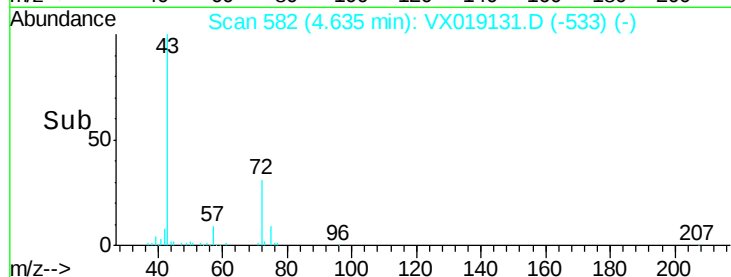
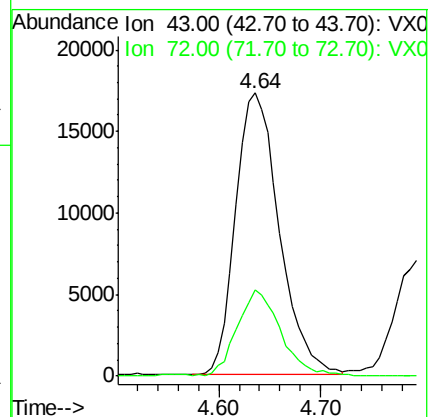
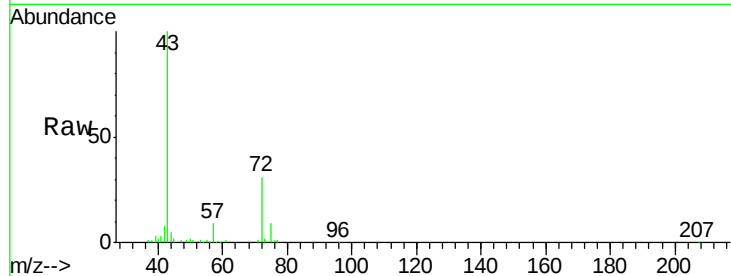
72 30.5 24.6 36.8

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 5.613 ug/l

RT: 4.55 min Scan# 568

Delta R.T. 0.00 min

Lab File: VX019131.D

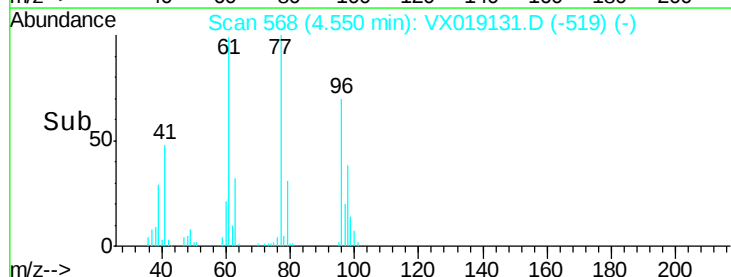
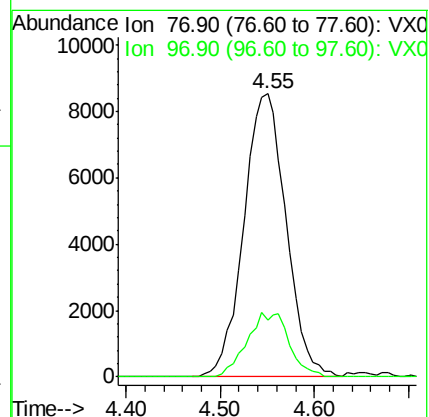
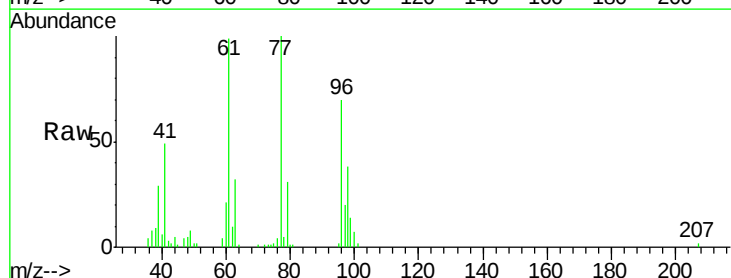
Acq: 27 Oct 2020 11:56

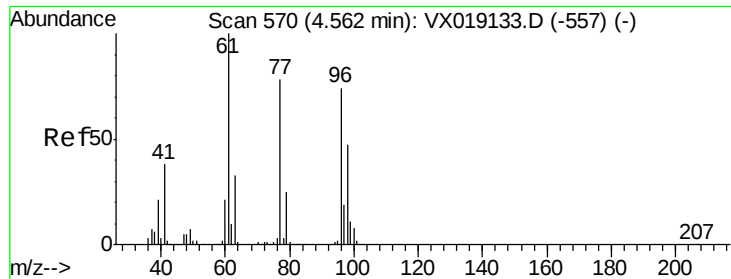
Tgt Ion: 77 Resp: 26801

Ion Ratio Lower Upper

77 100

97 22.5 11.4 34.1





#27

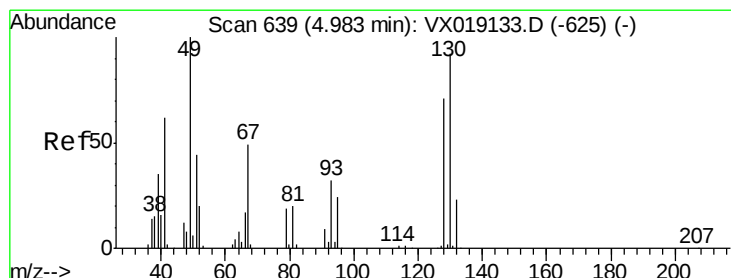
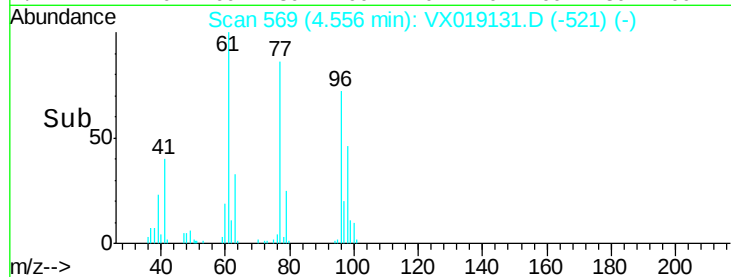
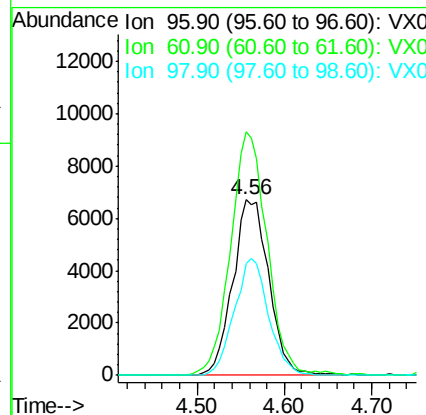
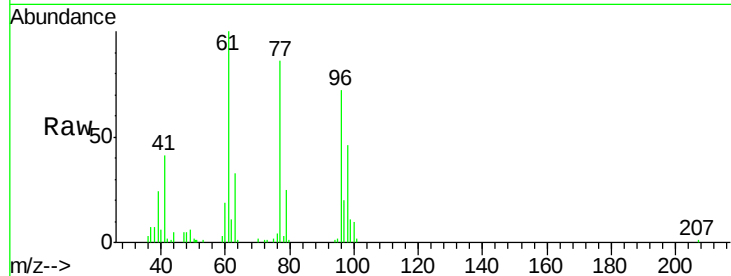
cis-1,2-Dichloroethene
Concen: 5.260 ug/l
RT: 4.56 min Scan# 569
Delta R.T. -0.01 min
Lab File: VX019131.D
Acq: 27 Oct 2020 11:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Resp	Lower	Upper
96	100	19240		
61	140.6	0.0	278.8	
98	63.1	0.0	130.2	

Manual Integrations
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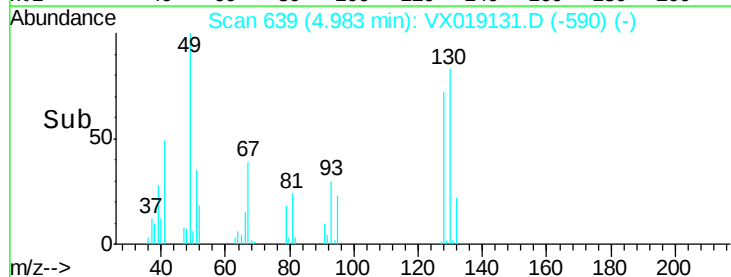
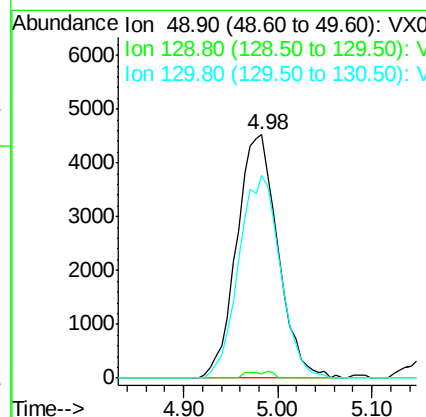
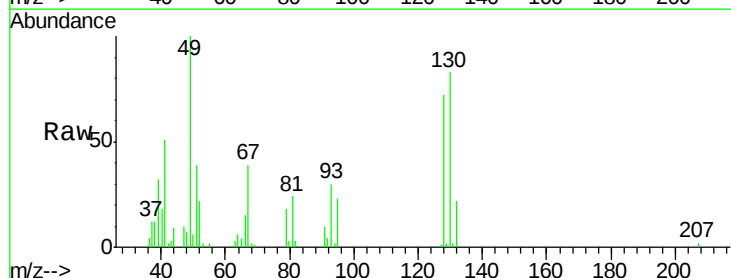
MMDadoda
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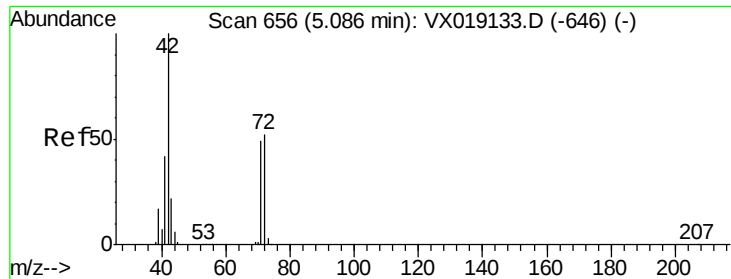


#28

Bromochloromethane
Concen: 6.303 ug/l
RT: 4.98 min Scan# 639
Delta R.T. 0.00 min
Lab File: VX019131.D
Acq: 27 Oct 2020 11:56

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	13836		
129	1.6	0.0	4.4	
130	83.8	71.3	106.9	





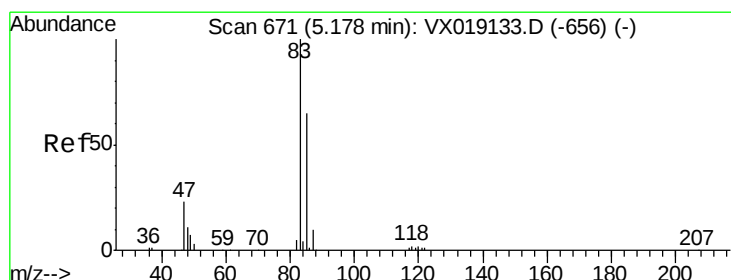
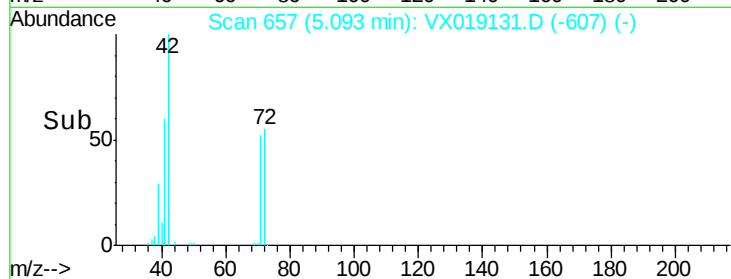
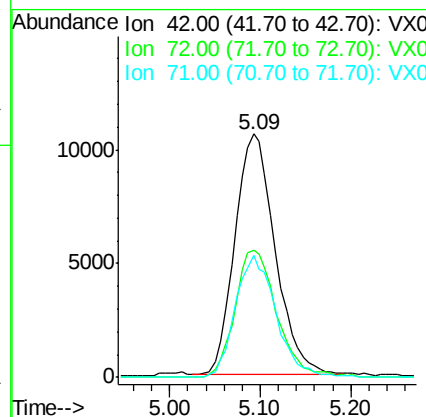
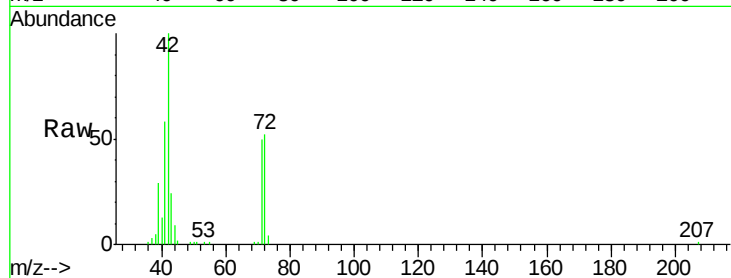
#29
Tetrahydrofuran
Concen: 27.615 ug/l
RT: 5.09 min Scan# 657
Delta R.T. 0.01 min
Lab File: VX019131.D
Acq: 27 Oct 2020 11:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
42	100		
72	54.9	42.6	63.8
71	51.1	39.7	59.5

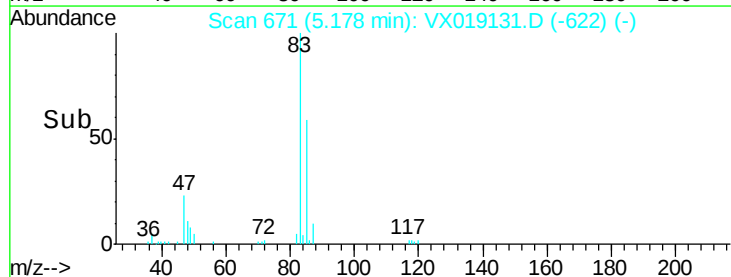
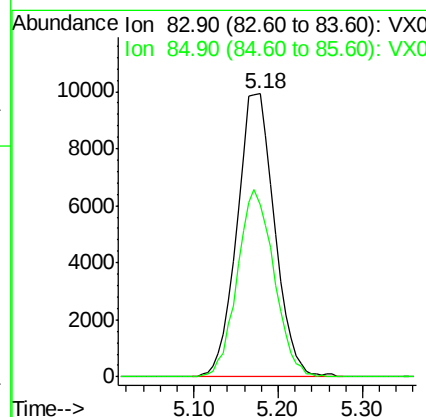
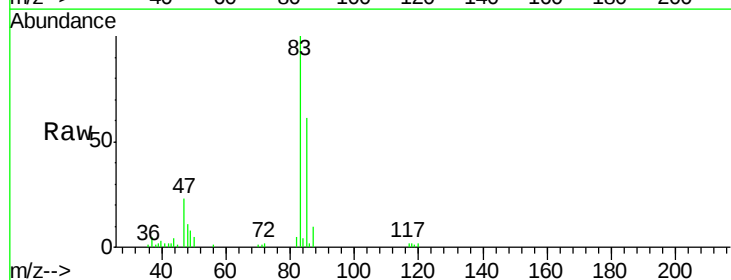
Manual Integrations
APPROVED

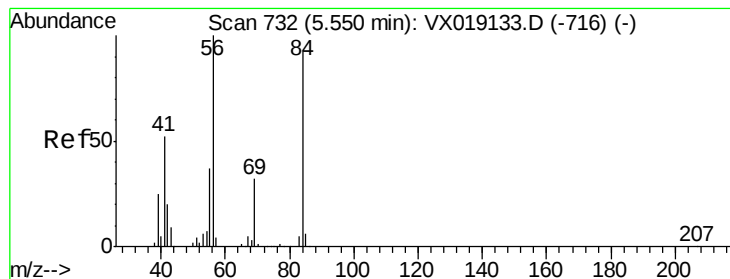
MMDadoda
10/28/2020 12:33:19 PM



#30
Chloroform
Concen: 5.335 ug/l
RT: 5.18 min Scan# 671
Delta R.T. 0.00 min
Lab File: VX019131.D
Acq: 27 Oct 2020 11:56

Tgt Ion	Ratio	Lower	Upper
83	100		
85	60.9	51.9	77.9





#31

Cvclohexane

Concen: 5.573 ug/l

RT: 5.54 min Scan# 731

Delta R.T. -0.01 min

Lab File: VX019131.D

Acq: 27 Oct 2020 11:56

Instrument :

MSVOA_X

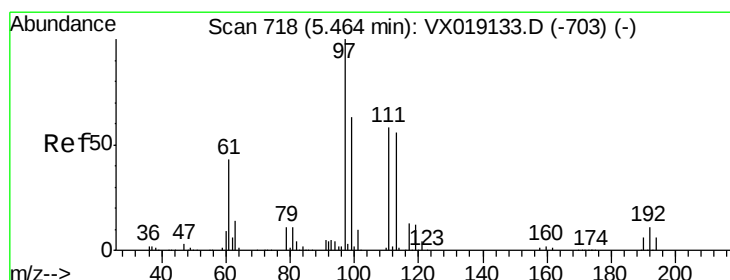
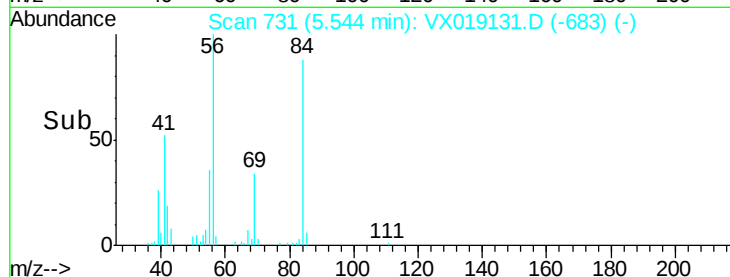
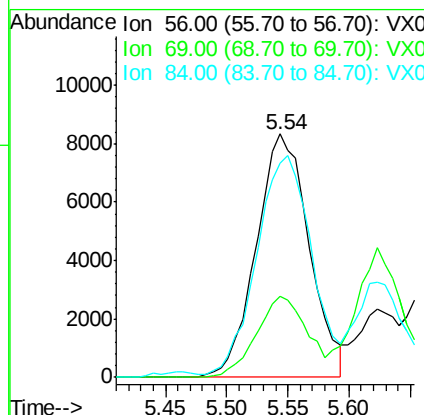
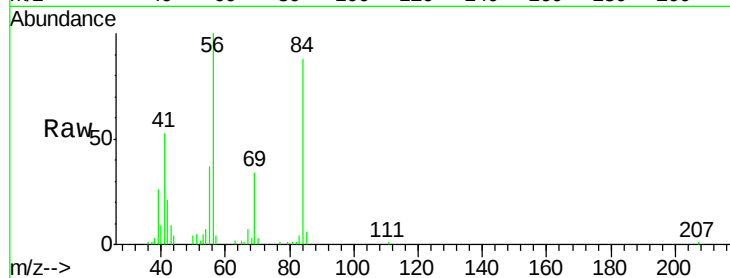
ClientSampleId :

VSTDIC005

Tot Ion:	56	Resp:	25041
Ion	Ratio	Lower	Upper
56	100		
69	33.5	25.9	38.9
84	86.5	73.4	110.2

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 5.282 ug/l

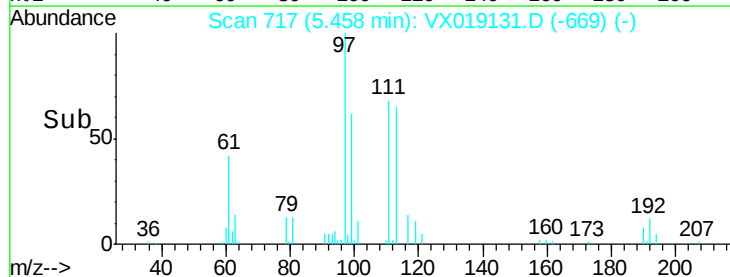
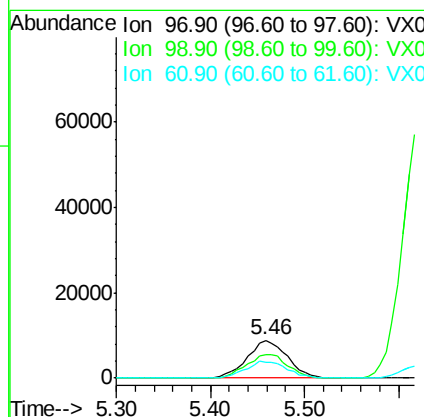
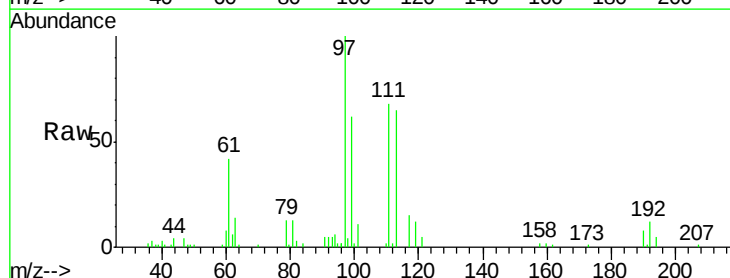
RT: 5.46 min Scan# 717

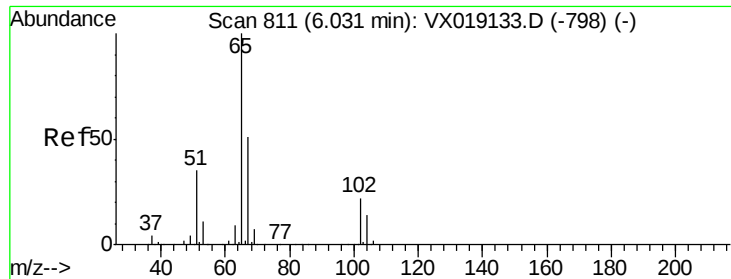
Delta R.T. -0.01 min

Lab File: VX019131.D

Acq: 27 Oct 2020 11:56

Tgt Ion:	97	Resp:	26502
Ion	Ratio	Lower	Upper
97	100		
99	64.5	51.7	77.5
61	45.5	34.2	51.2





#33

1,2-Dichloroethane-d4

Concen: 6.546 ug/l

RT: 6.03 min Scan# 810

Delta R.T. -0.01 min

Lab File: VX019131.D

Acq: 27 Oct 2020 11:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 65 Resp: 23192

Ion Ratio Lower Upper

65 100

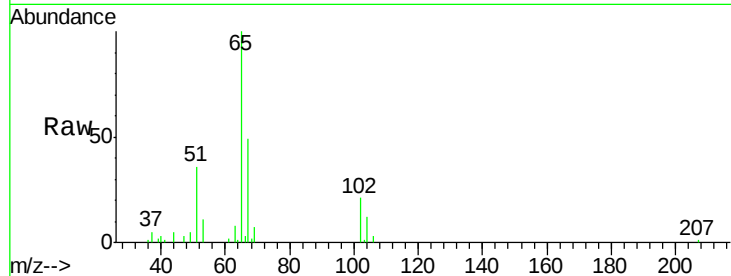
67 51.5 0.0 103.0

Manual Integrations

APPROVED

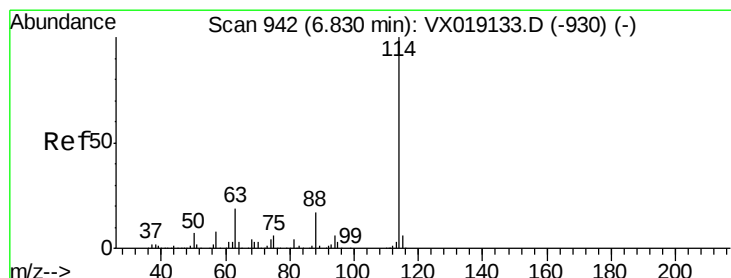
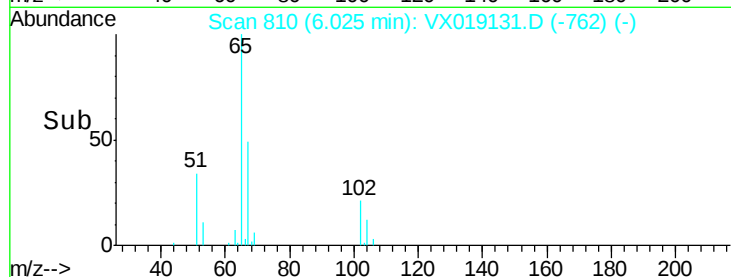
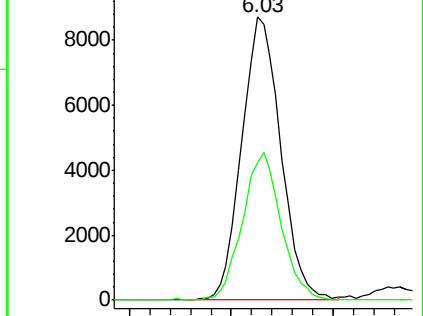
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Abundance Ion 64.90 (64.60 to 65.60): VX0

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: VX019131.D

Acq: 27 Oct 2020 11:56

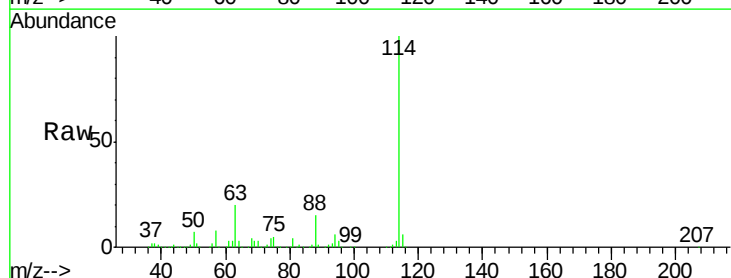
Tgt Ion: 114 Resp: 485795

Ion Ratio Lower Upper

114 100

63 20.0 0.0 38.8

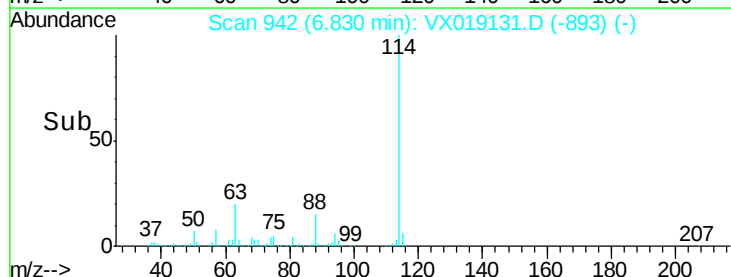
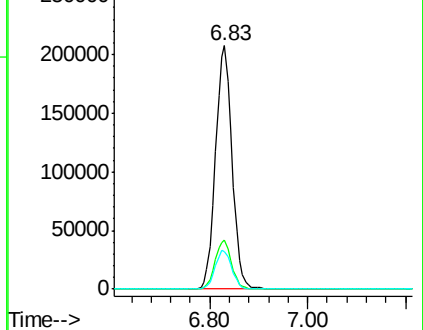
88 15.2 0.0 34.2

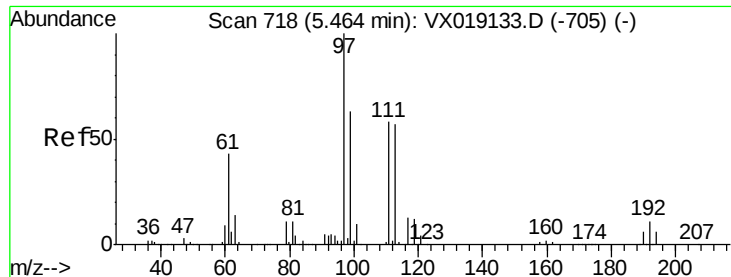


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





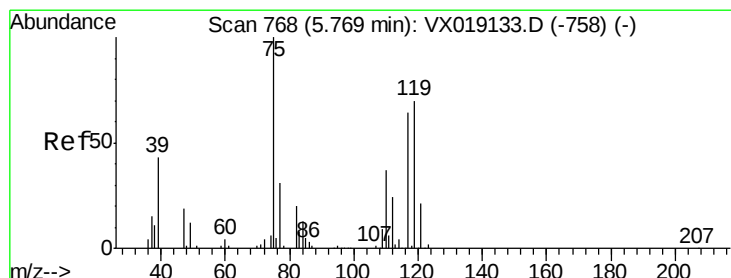
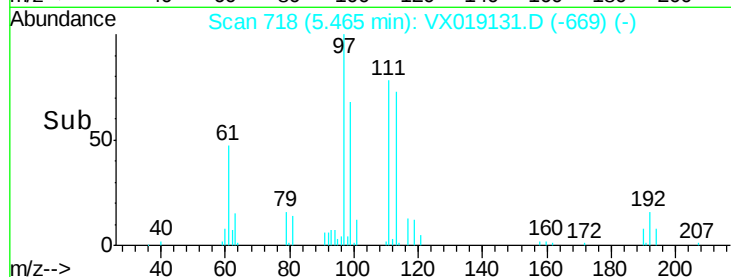
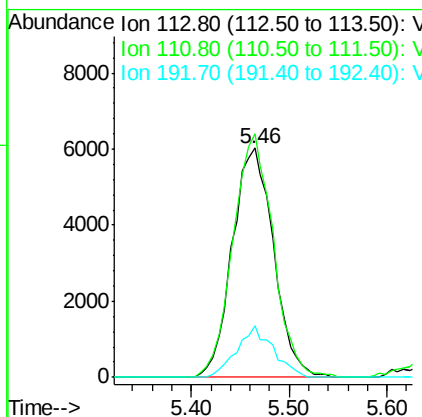
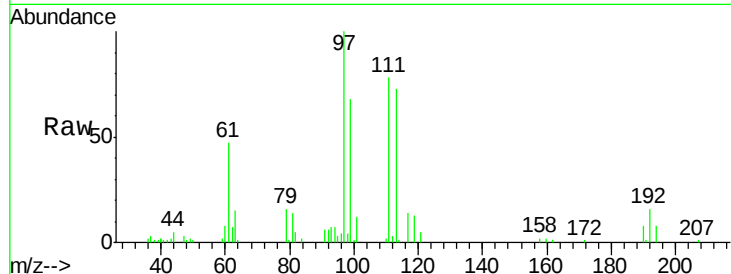
#35
Dibromofluoromethane
Concen: 5.907 ug/l
RT: 5.46 min Scan# 718
Delta R.T. 0.00 min
Lab File: VX019131.D
Acq: 27 Oct 2020 11:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.5	82.3	123.5
192	19.7	16.2	24.2

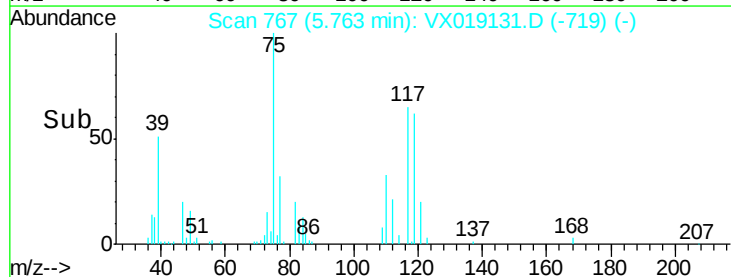
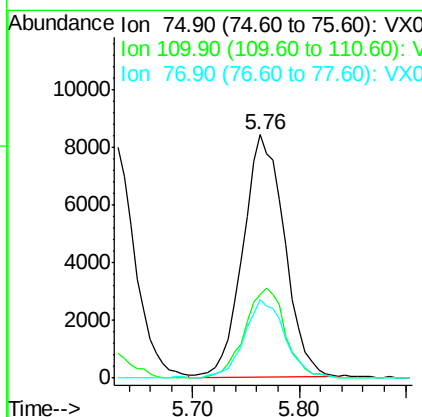
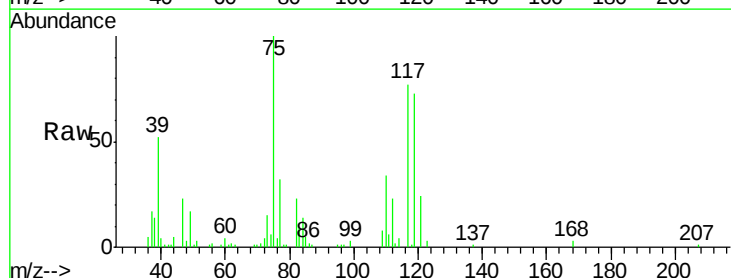
Manual Integrations
APPROVED

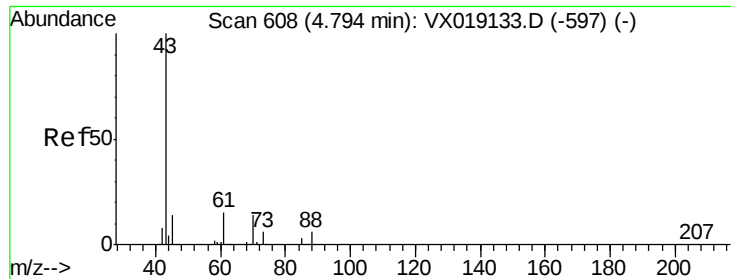
MMDadoda
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#36
1,1-Dichloropropene
Concen: 5.393 ug/l
RT: 5.76 min Scan# 767
Delta R.T. -0.01 min
Lab File: VX019131.D
Acq: 27 Oct 2020 11:56

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.4	18.3	54.9
77	31.7	24.9	37.3





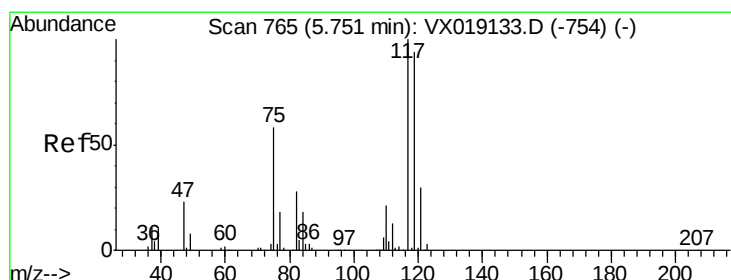
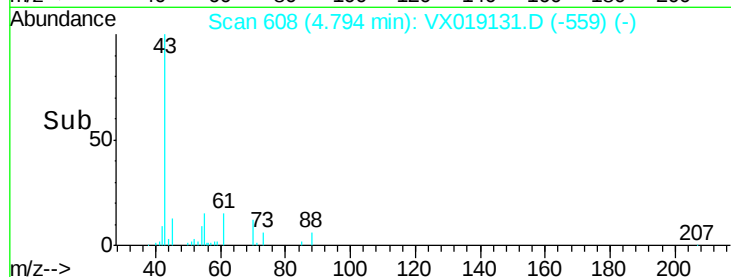
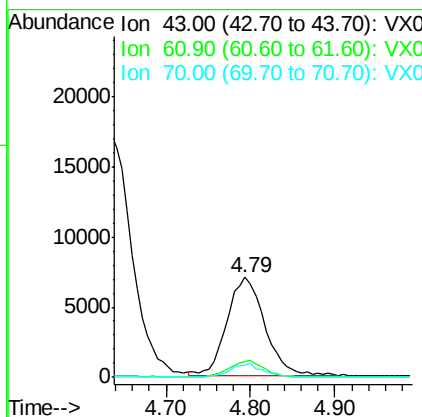
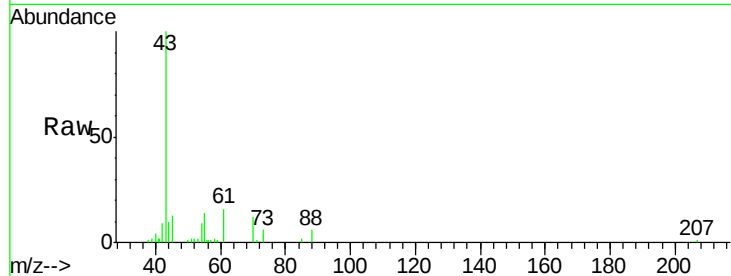
#37
Ethyl Acetate
Concen: 5.726 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX019131.D
Acq: 27 Oct 2020 11:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.3	12.5	18.7
70	12.0	10.5	15.7

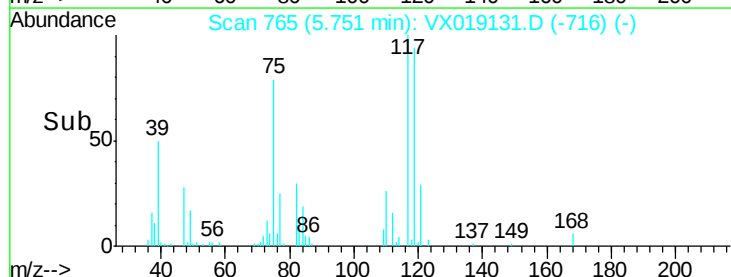
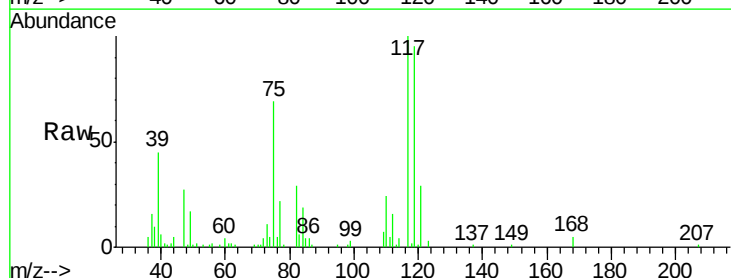
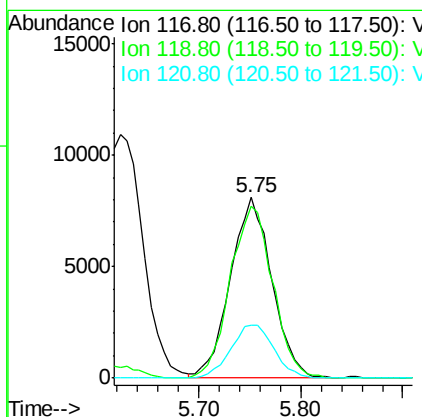
Manual Integrations
APPROVED

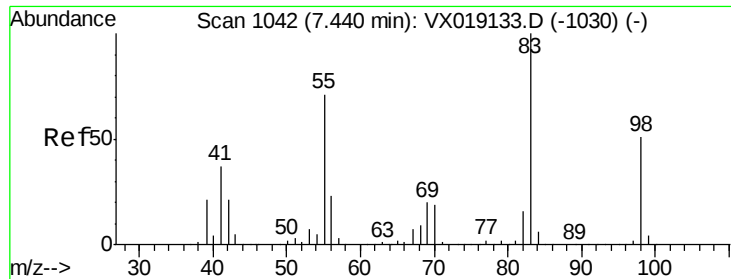
MMDadoda
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#38
Carbon Tetrachloride
Concen: 5.229 ug/l
RT: 5.75 min Scan# 765
Delta R.T. 0.00 min
Lab File: VX019131.D
Acq: 27 Oct 2020 11:56

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.5	75.0	112.6
121	29.5	23.9	35.9





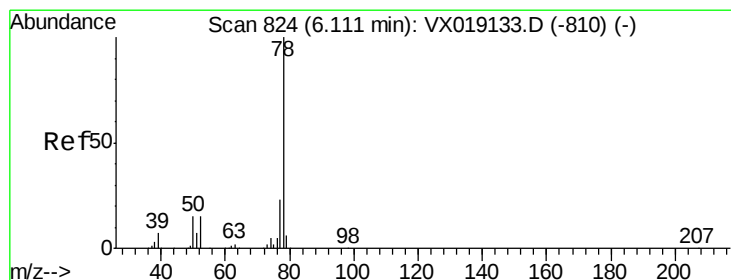
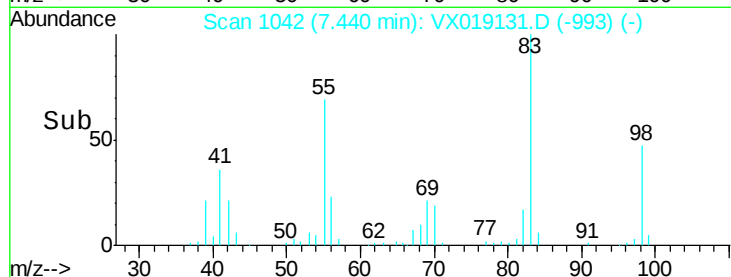
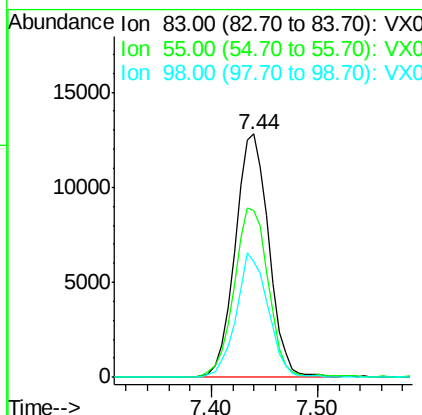
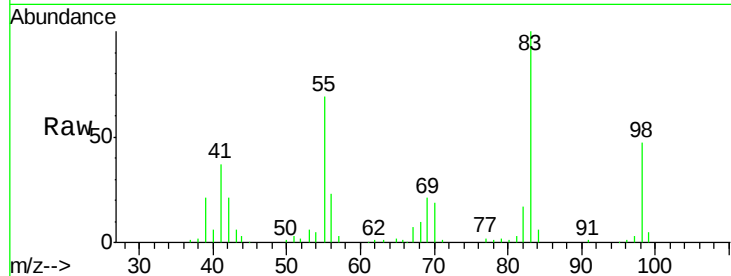
#39
Methvlcvclohexane
Concen: 5.445 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX019131.D
Acq: 27 Oct 2020 11:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	83	Resp	28440
Ion Ratio	100	Lower	Upper
55	68.6	57.0	85.6
98	47.5	40.5	60.7

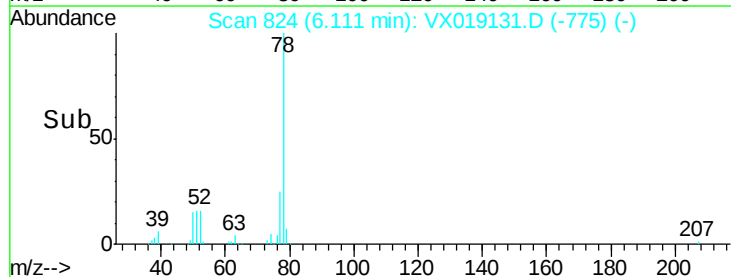
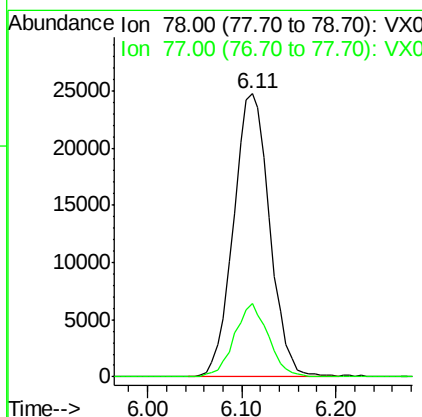
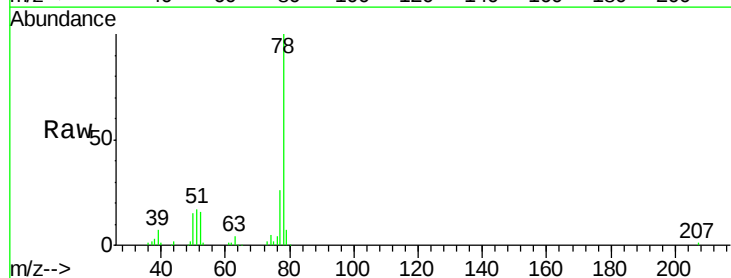
Manual Integrations
APPROVED

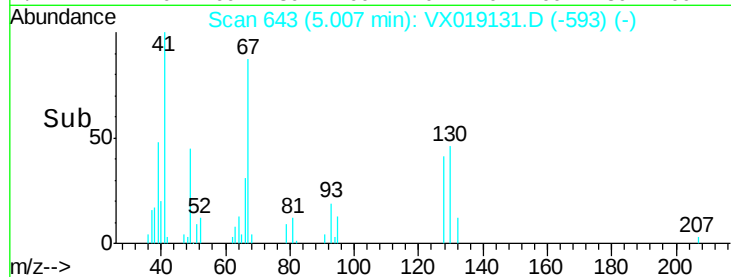
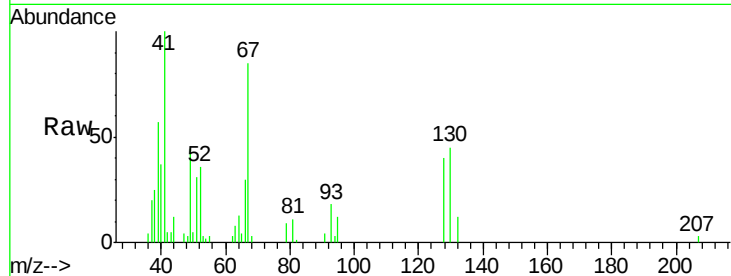
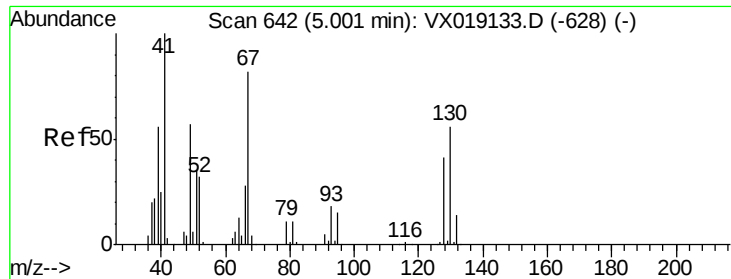
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#40
Benzene
Concen: 5.302 ug/l
RT: 6.11 min Scan# 824
Delta R.T. 0.00 min
Lab File: VX019131.D
Acq: 27 Oct 2020 11:56

Tgt Ion	78	Resp	66209
Ion Ratio	100	Lower	Upper
77	26.0	18.7	28.1





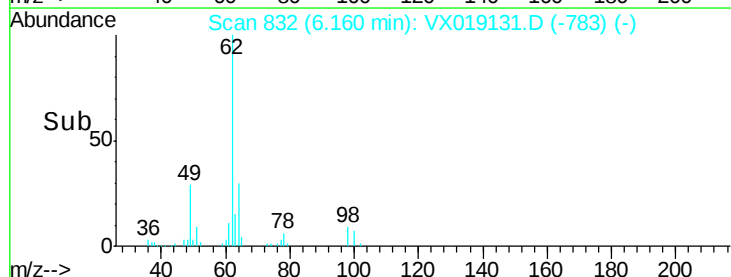
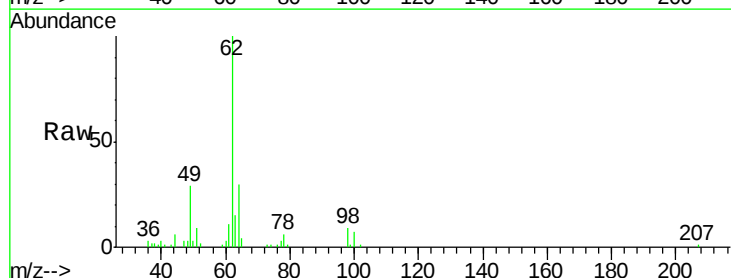
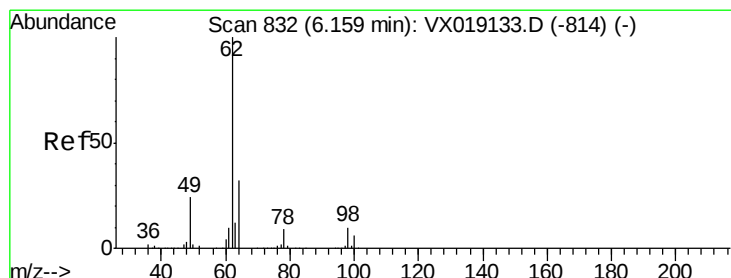
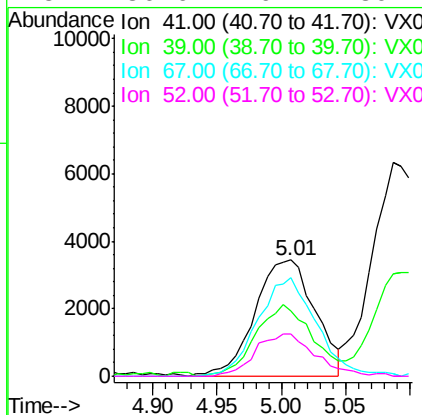
#41
Methacrylonitrile
Concen: 5.732 ug/l
RT: 5.01 min Scan# 643
Delta R.T. 0.01 min
Lab File: VX019131.D
Acq: 27 Oct 2020 11:56

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		11118		
39	59.5	44.4	66.6		
67	83.1	66.4	99.6		
52	36.6	26.2	39.4		

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

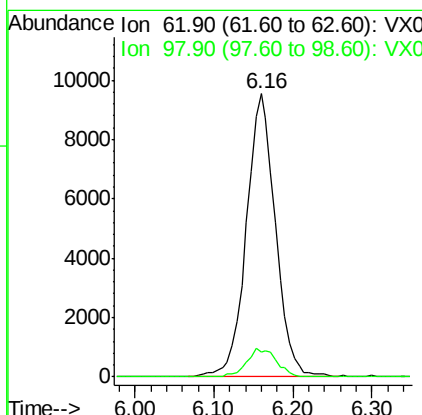
Manual Integrations
APPROVED

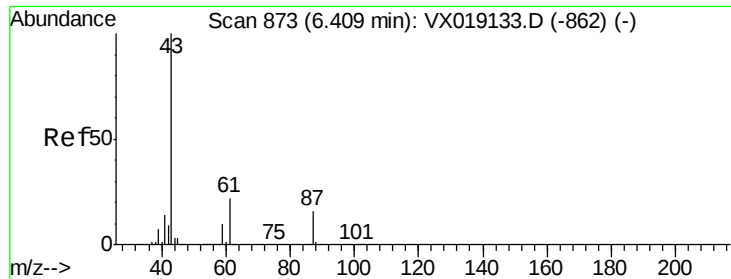
MMDadoda
10/28/2020 12:33:19 PM



#42
1,2-Dichloroethane
Concen: 5.728 ug/l
RT: 6.16 min Scan# 832
Delta R.T. 0.00 min
Lab File: VX019131.D
Acq: 27 Oct 2020 11:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		24449		
98	10.1	0.0	19.0		





#43

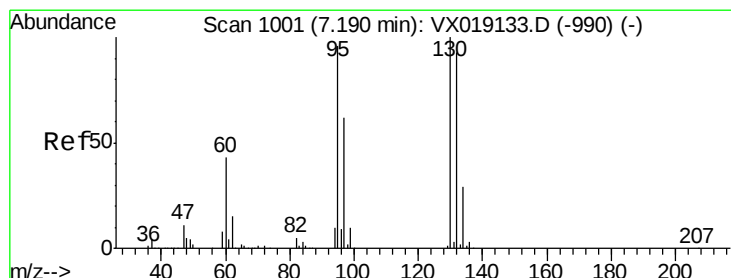
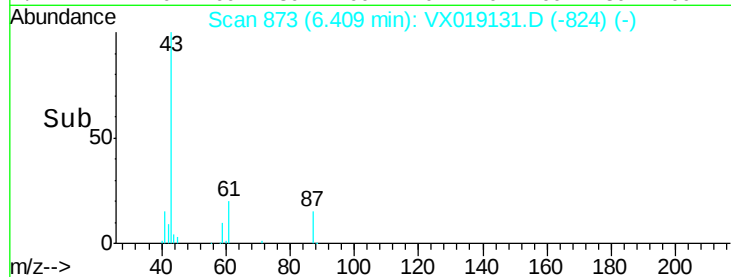
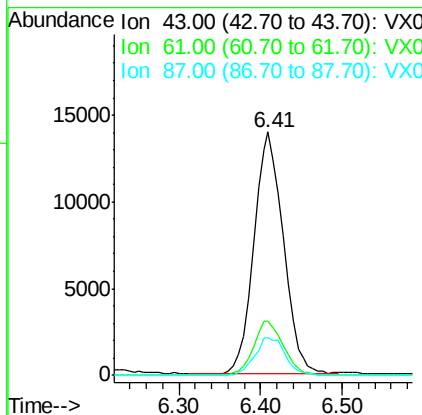
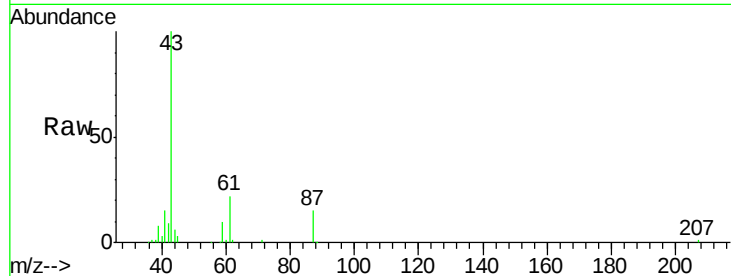
Isopropyl Acetate
 Concen: 5.738 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. 0.00 min
 Lab File: VX019131.D
 Acq: 27 Oct 2020 11:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
43	100		
61	22.6	17.8	26.6
87	15.8	12.6	19.0

Manual Integrations
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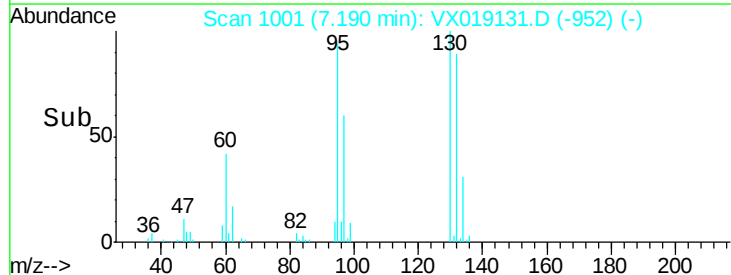
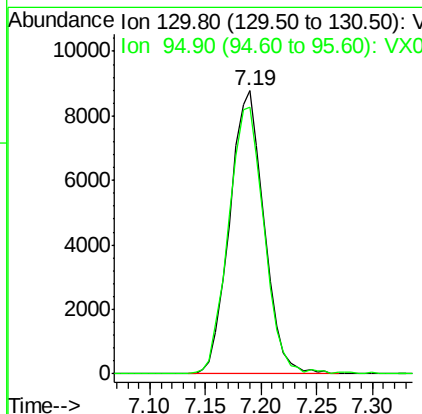
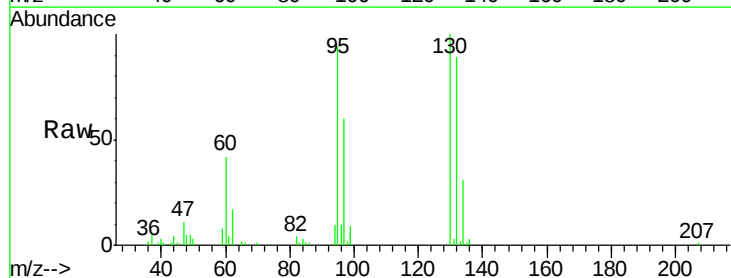
MMDadoda
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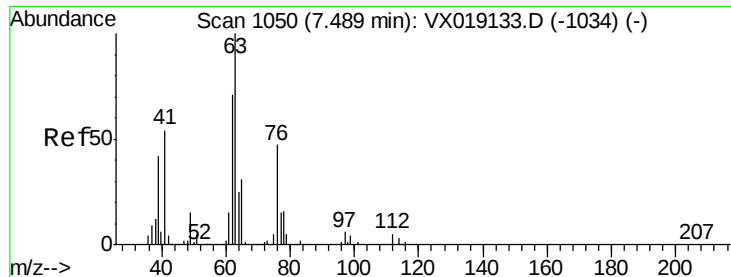


#44

Trichloroethene
 Concen: 5.244 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VX019131.D
 Acq: 27 Oct 2020 11:56

Tgt Ion	Ratio	Lower	Upper
130	100		
95	94.1	0.0	192.0





#45

1,2-Dichloropropane

Concen: 5.505 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VX019131.D

Acq: 27 Oct 2020 11:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 63 Resp: 16166

Ion Ratio Lower Upper

63 100

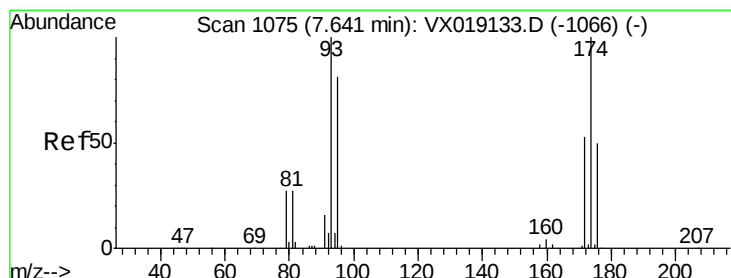
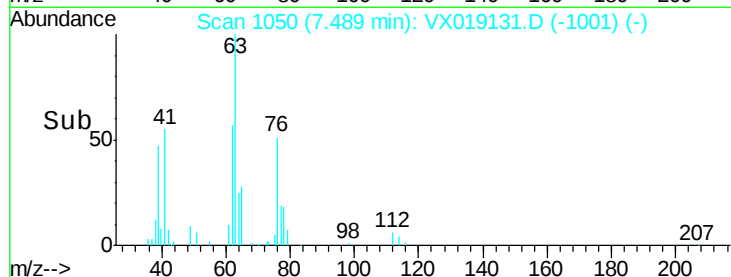
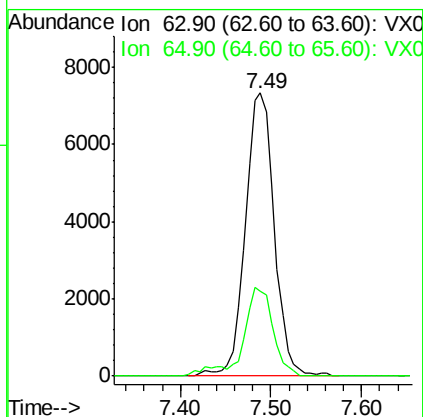
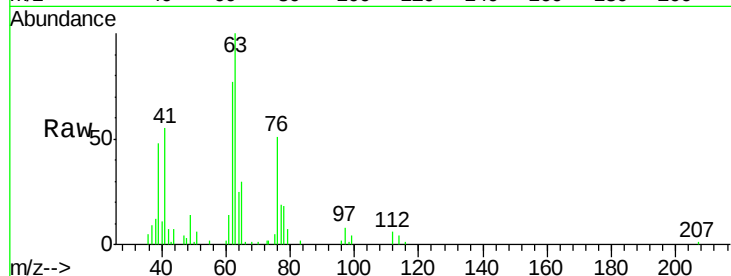
65 30.0 25.2 37.8

Manual Integrations

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#46

Dibromomethane

Concen: 5.220 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX019131.D

Acq: 27 Oct 2020 11:56

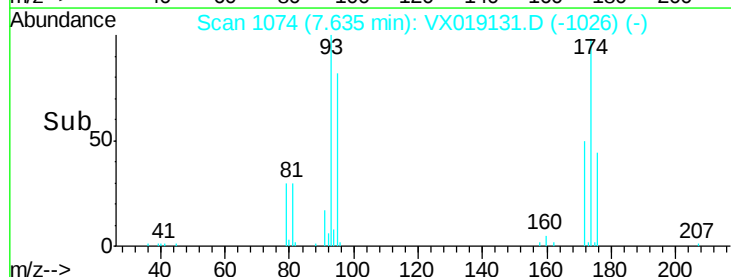
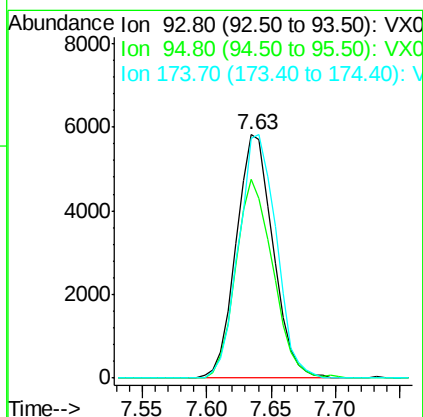
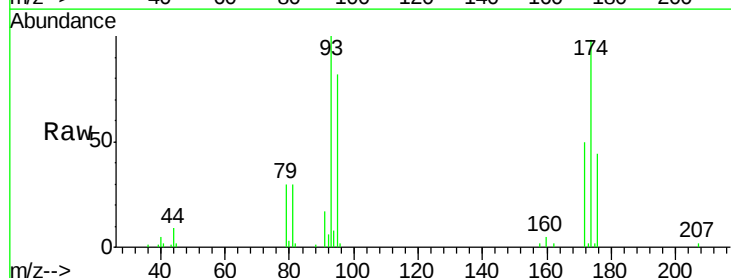
Tgt Ion: 93 Resp: 11550

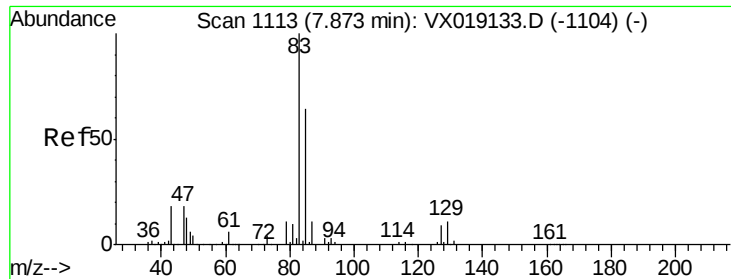
Ion Ratio Lower Upper

93 100

95 82.4 67.0 100.6

174 101.6 81.7 122.5





#47

Bromodichloromethane

Concen: 5.204 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. 0.00 min

Lab File: VX019131.D

Acq: 27 Oct 2020 11:56

Instrument :

MSVOA_X

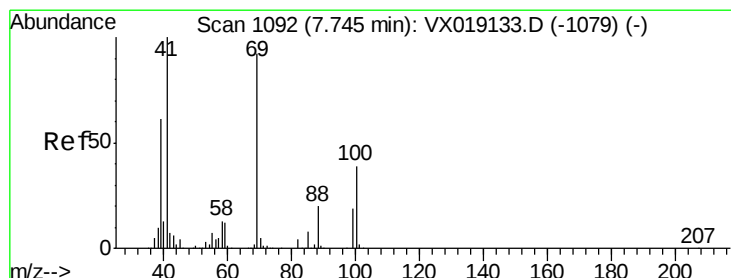
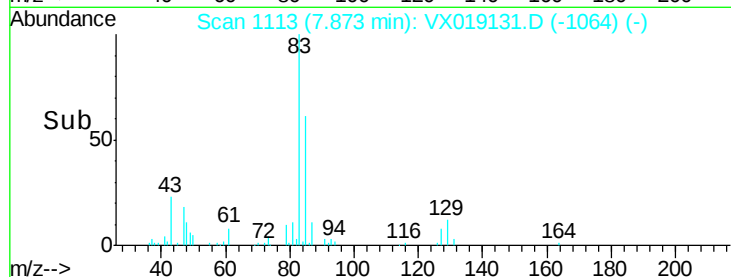
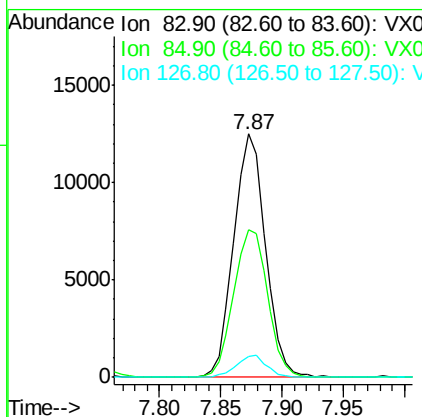
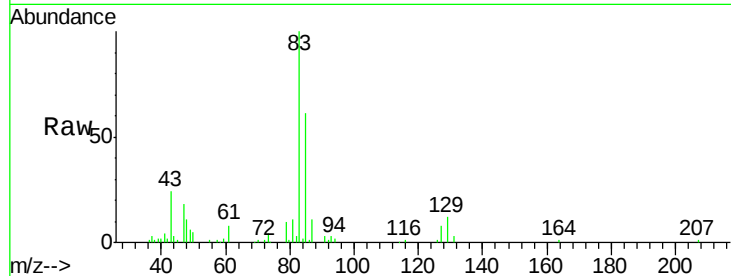
ClientSampleId :

VSTDIC005

Tot Ion:	83	Resp:	22518
Ion Ratio	Lower	Upper	
83	100		
85	60.6	51.2	76.8
127	8.5	7.1	10.7

Manual Integrations
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#48

Methyl methacrylate

Concen: 5.598 ug/l

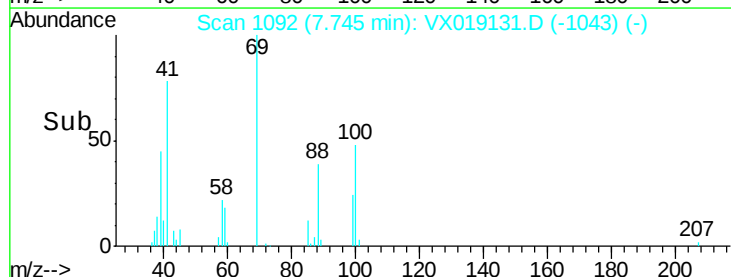
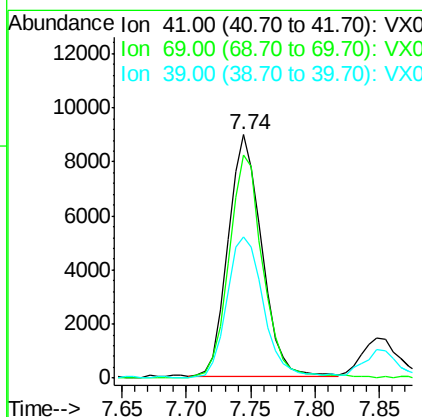
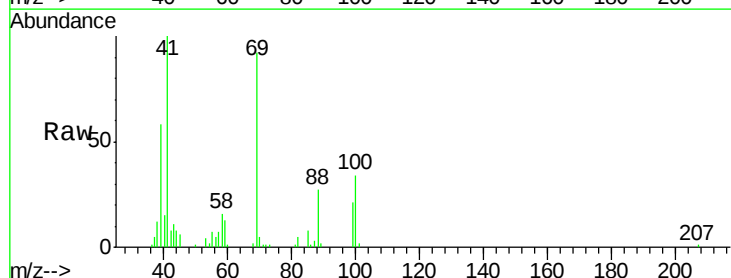
RT: 7.74 min Scan# 1092

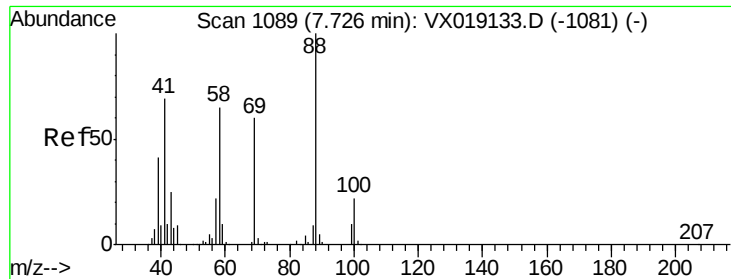
Delta R.T. 0.00 min

Lab File: VX019131.D

Acq: 27 Oct 2020 11:56

Tgt Ion:	41	Resp:	16232
Ion Ratio	Lower	Upper	
41	100		
69	93.1	75.5	113.3
39	64.6	48.9	73.3





#49

1,4-Dioxane

Concen: 101.930 ug/l

RT: 7.74 min Scan# 1091

Delta R.T. 0.01 min

Lab File: VX019131.D

Acq: 27 Oct 2020 11:56

Instrument :

MSVOA_X

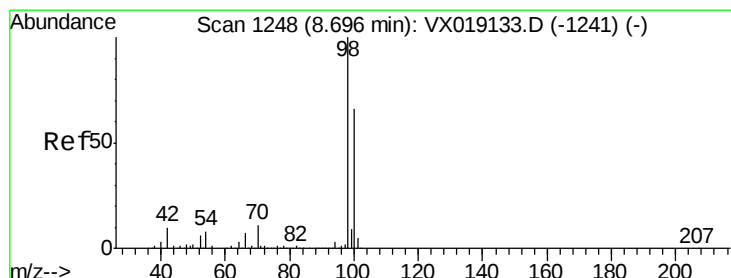
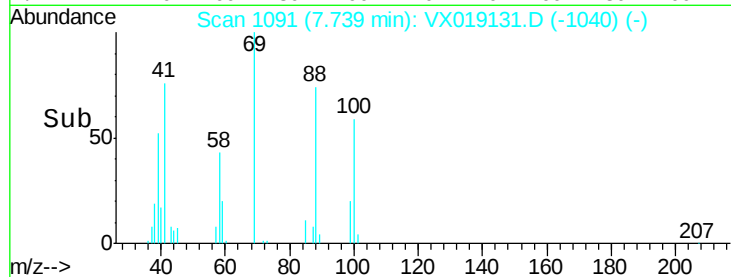
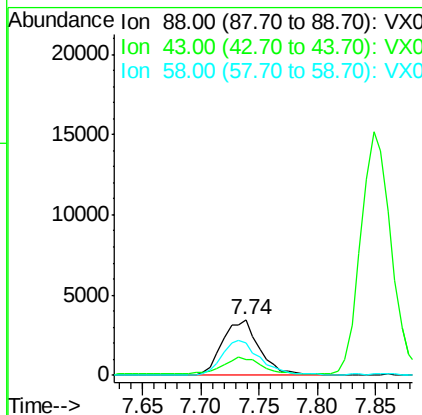
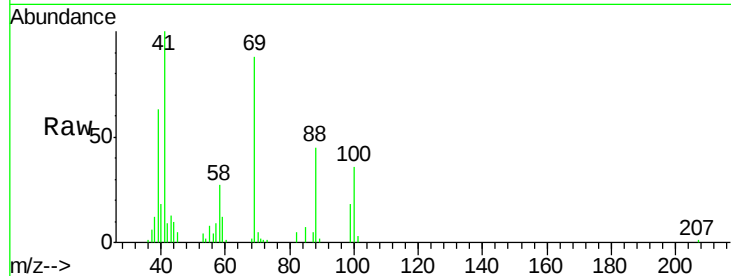
ClientSampleId :

VSTDIC005

Tot Ion:	88	Resp:	7625
Ion	Ratio	Lower	Upper
88	100		
43	31.1	23.0	34.6
58	64.5	52.2	78.2

Manual Integrations
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#50

Toluene-d8

Concen: 5.797 ug/l

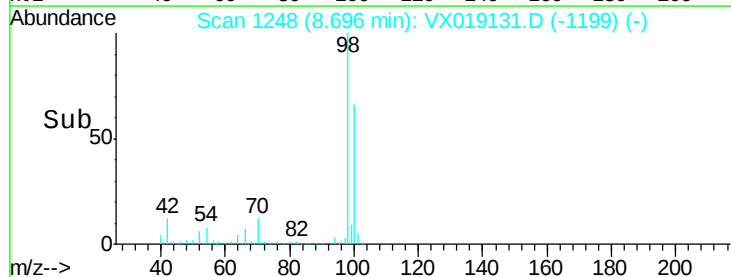
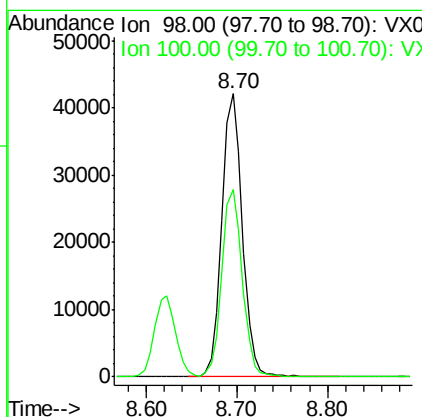
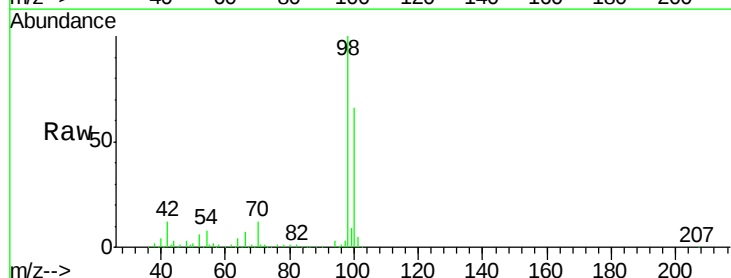
RT: 8.70 min Scan# 1248

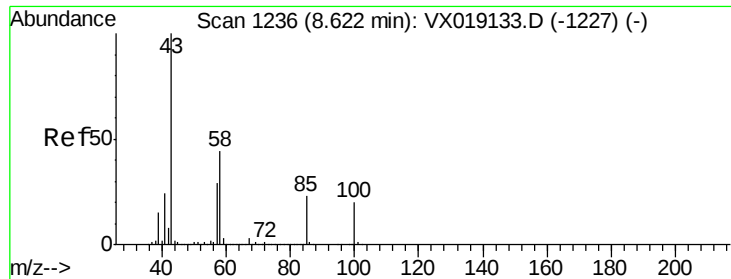
Delta R.T. 0.00 min

Lab File: VX019131.D

Acq: 27 Oct 2020 11:56

Tgt Ion:	98	Resp:	66696
Ion	Ratio	Lower	Upper
98	100		
100	66.6	53.0	79.6





#51

4-Methyl-2-Pentanone

Concen: 28.434 ug/l

RT: 8.62 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VX019131.D

Acq: 27 Oct 2020 11:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 43 Resp: 102134

Ion Ratio Lower Upper

43 100

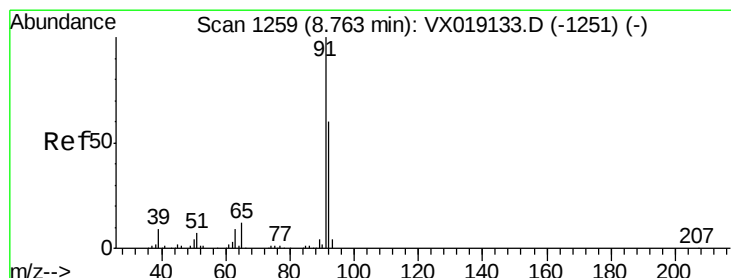
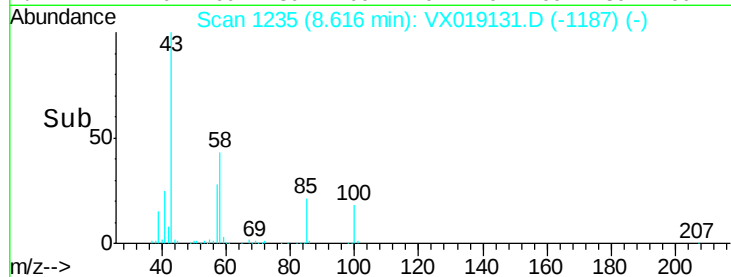
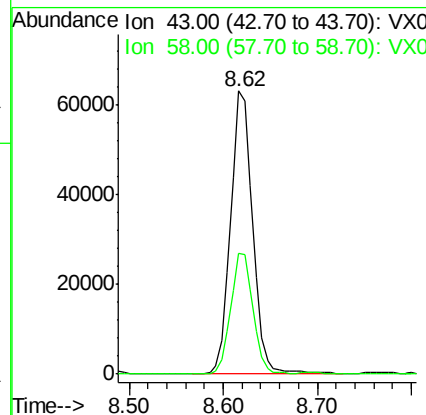
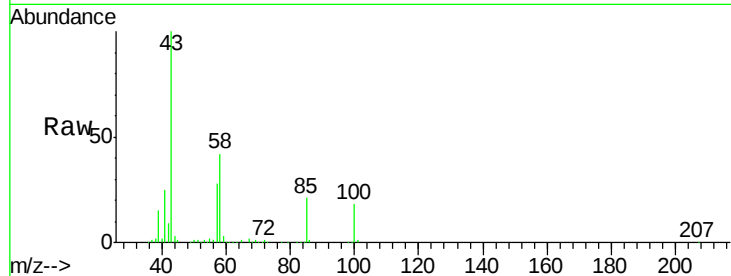
58 43.3 35.0 52.4

Manual Integrations

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#52

Toluene

Concen: 5.225 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. 0.00 min

Lab File: VX019131.D

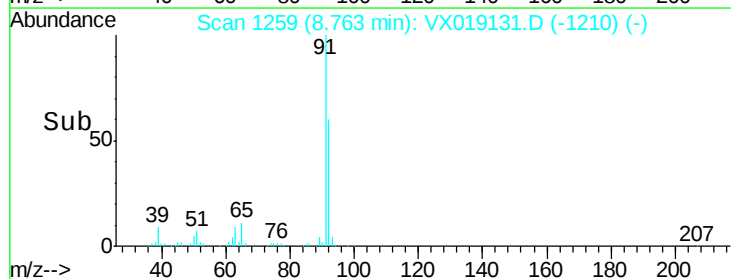
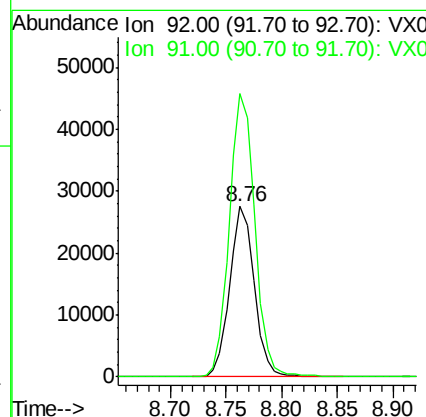
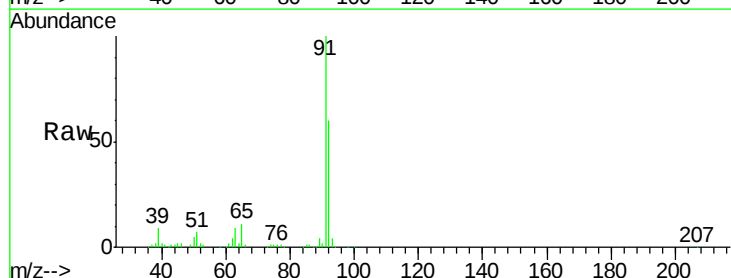
Acq: 27 Oct 2020 11:56

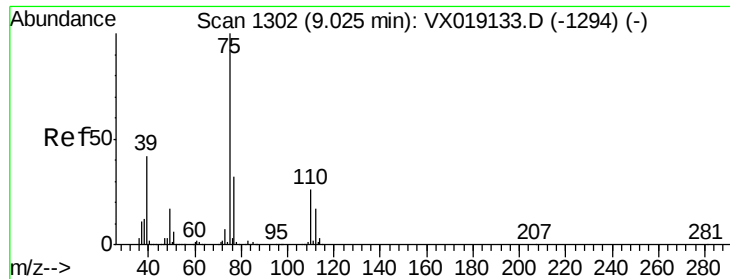
Tgt Ion: 92 Resp: 42200

Ion Ratio Lower Upper

92 100

91 172.4 136.3 204.5





#53

t-1,3-Dichloropropene

Concen: 5.311 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. 0.00 min

Lab File: VX019131.D

Acq: 27 Oct 2020 11:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 75 Resp: 25399

Ion Ratio Lower Upper

75 100

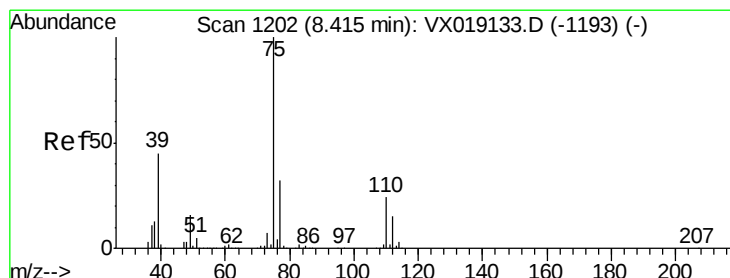
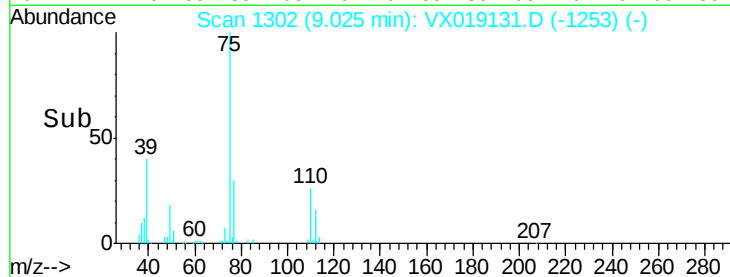
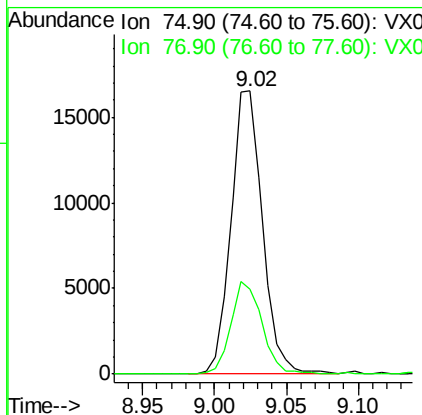
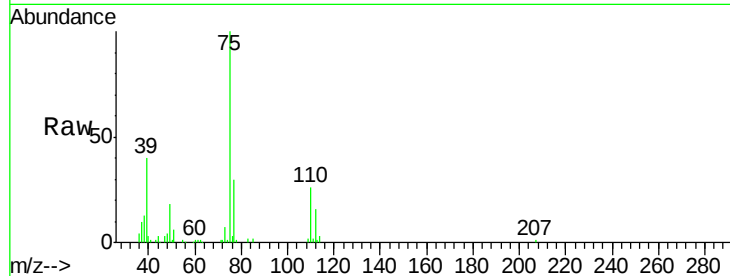
77 30.0 25.4 38.0

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 5.347 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX019131.D

Acq: 27 Oct 2020 11:56

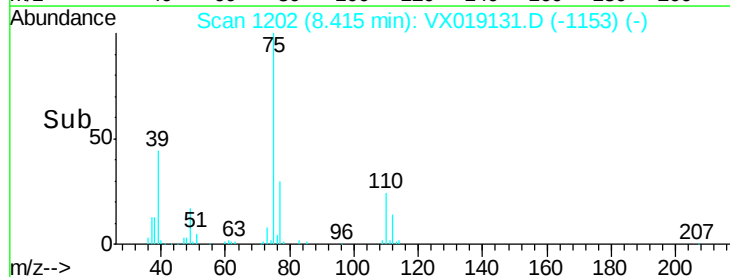
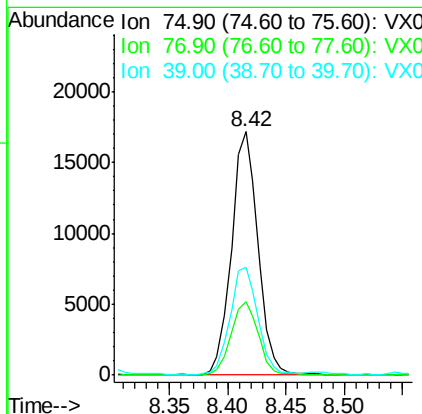
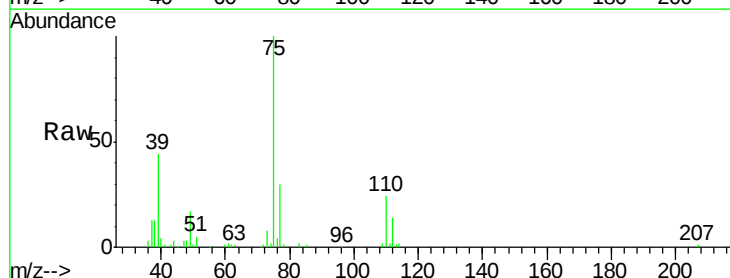
Tgt Ion: 75 Resp: 27234

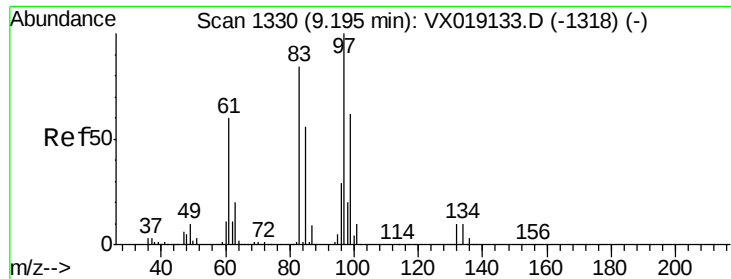
Ion Ratio Lower Upper

75 100

77 30.0 25.5 38.3

39 44.3 36.2 54.2





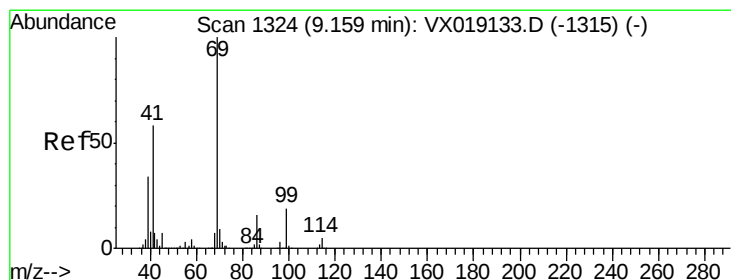
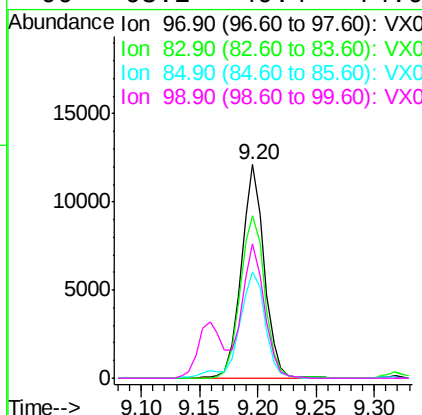
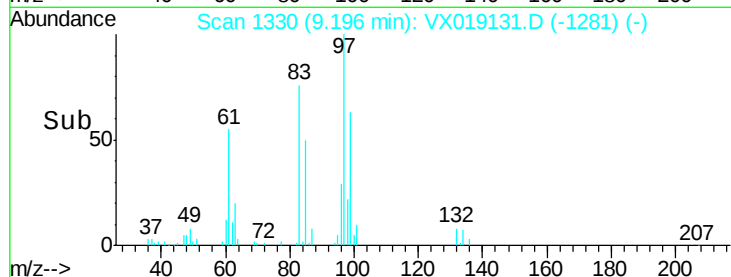
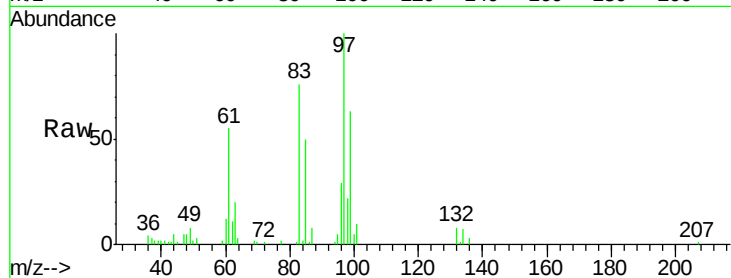
#55
 1,1,2-Trichloroethane
 Concen: 5.183 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX019131.D
 Acq: 27 Oct 2020 11:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion:	97	Resp:	16669
Ion	Ratio	Lower	Upper
97	100		
83	76.2	67.2	100.8
85	50.0	44.6	67.0
99	63.2	49.4	74.0

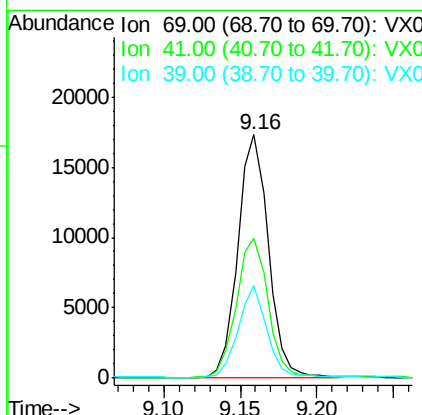
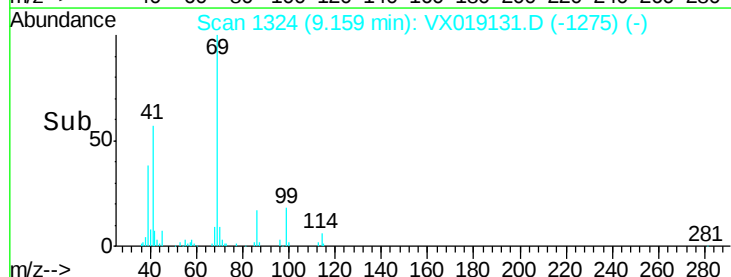
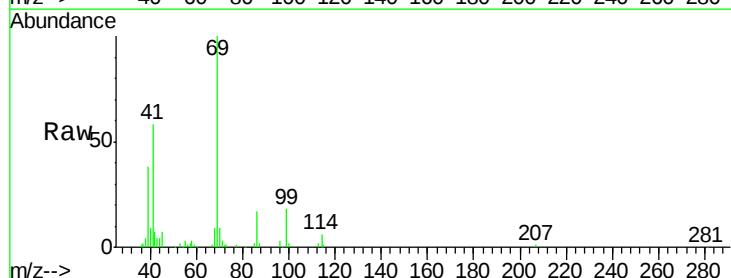
Manual Integrations
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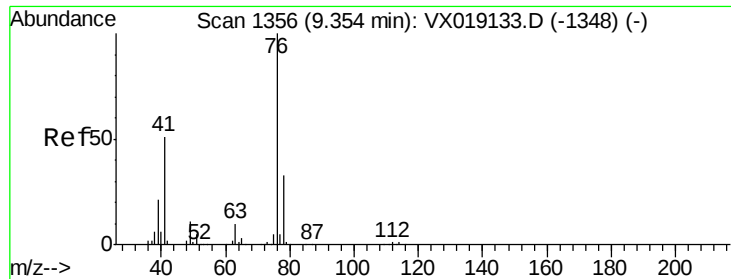
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#56
 Ethyl methacrylate
 Concen: 5.183 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX019131.D
 Acq: 27 Oct 2020 11:56

Tgt Ion:	69	Resp:	24063
Ion	Ratio	Lower	Upper
69	100		
41	60.8	46.5	69.7
39	35.9	27.6	41.4





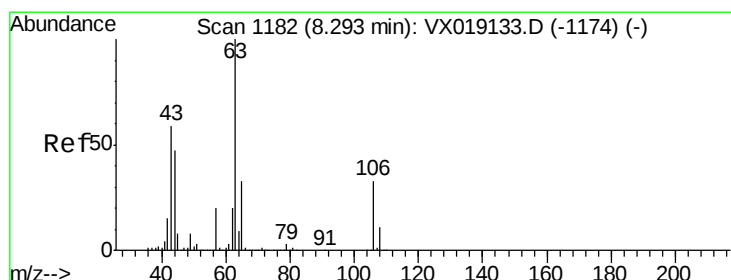
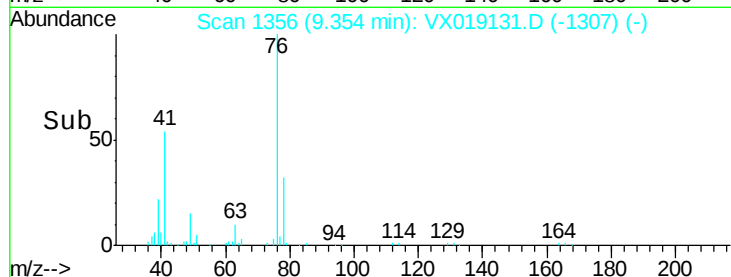
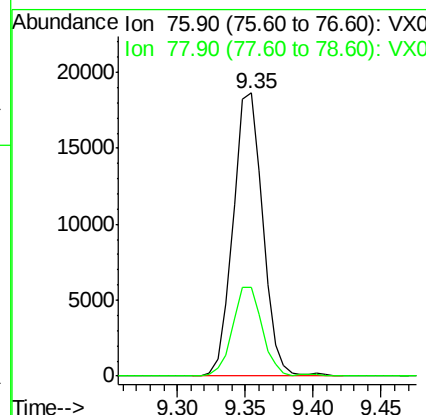
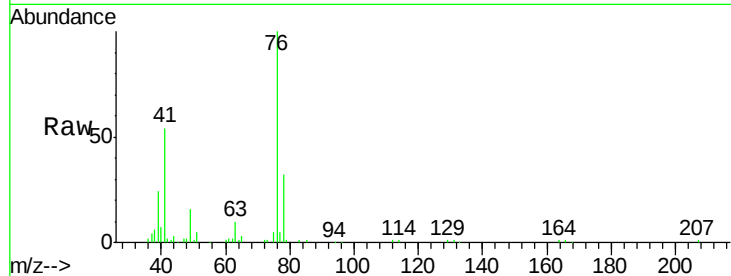
#57
 1,3-Dichloropropane
 Concen: 5.374 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. 0.00 min
 Lab File: VX019131.D
 Acq: 27 Oct 2020 11:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
76	100		
78	31.7	25.9	38.9

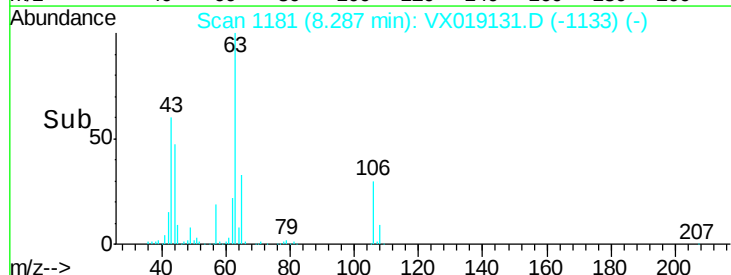
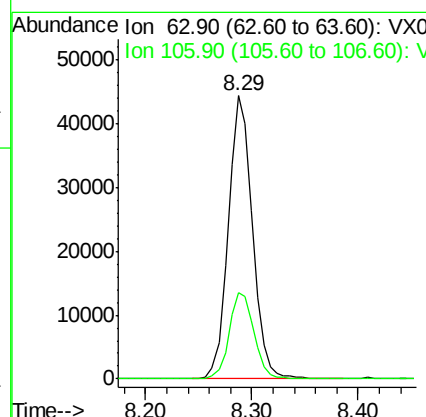
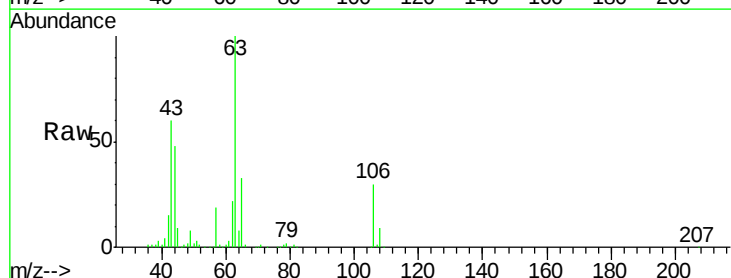
Manual Integrations
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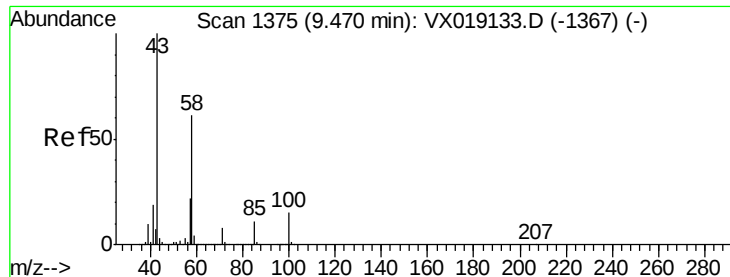
MMDadoda
 10/28/2020 12:33:19 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 28.044 ug/l
 RT: 8.29 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: VX019131.D
 Acq: 27 Oct 2020 11:56

Tgt Ion	Ratio	Lower	Upper
63	100		
106	31.2	25.1	37.7





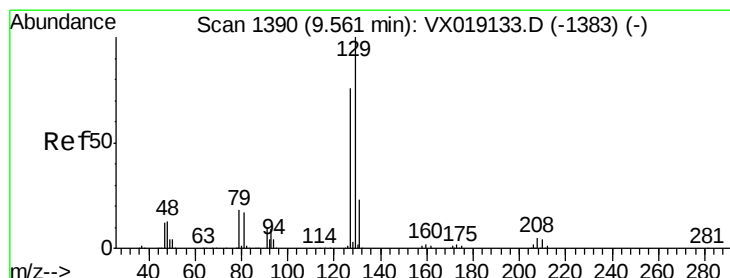
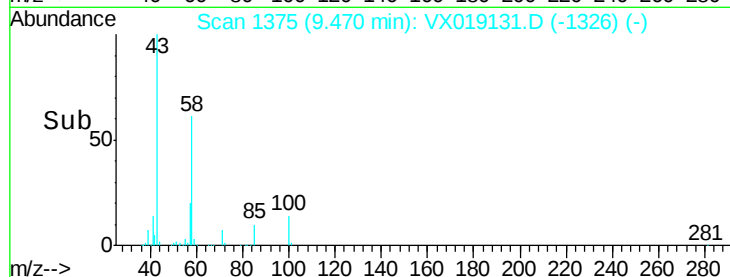
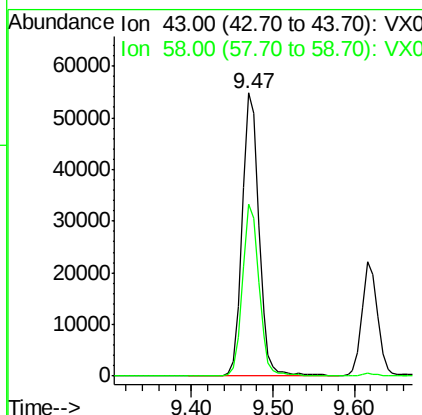
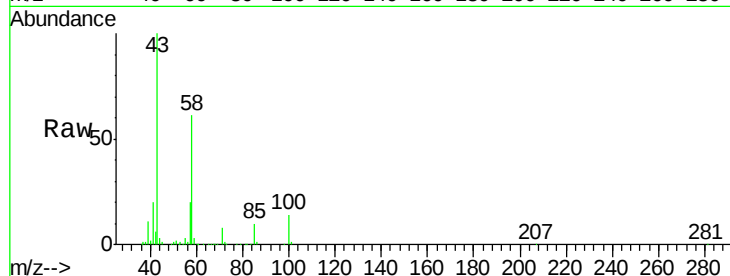
#59
2-Hexanone
Concen: 28.412 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX019131.D
Acq: 27 Oct 2020 11:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
43	100		
58	59.6	30.5	91.5

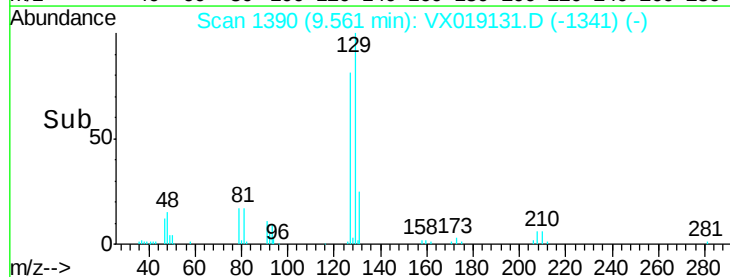
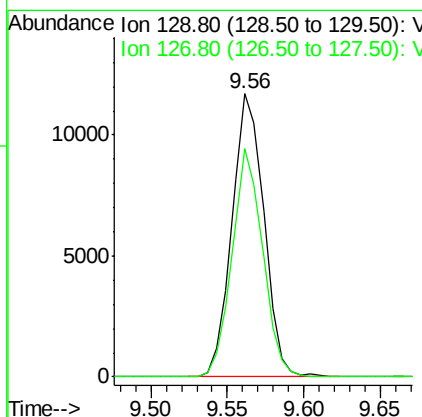
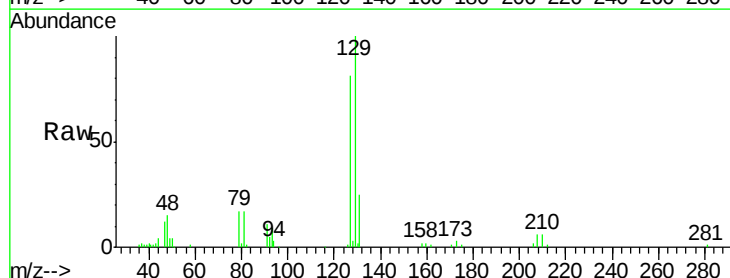
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#60
Dibromochloromethane
Concen: 4.937 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. 0.00 min
Lab File: VX019131.D
Acq: 27 Oct 2020 11:56

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.4	38.6	115.8





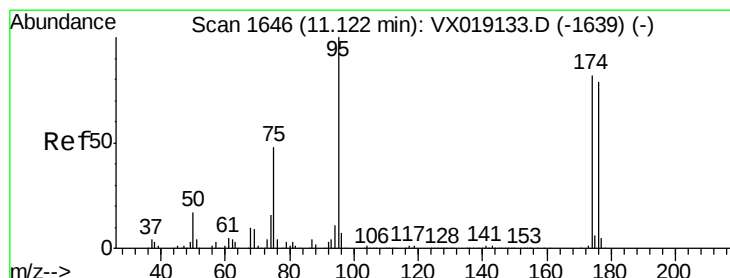
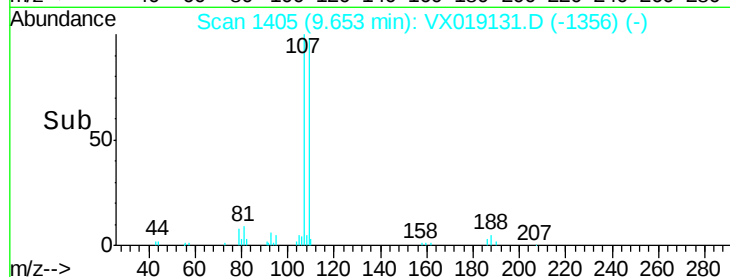
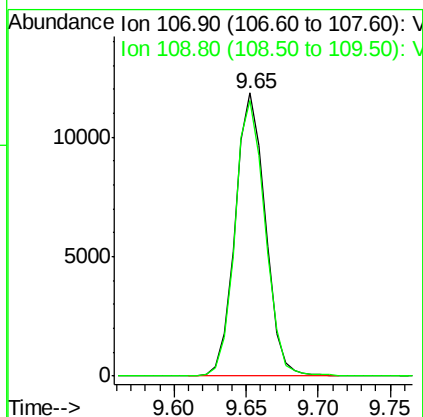
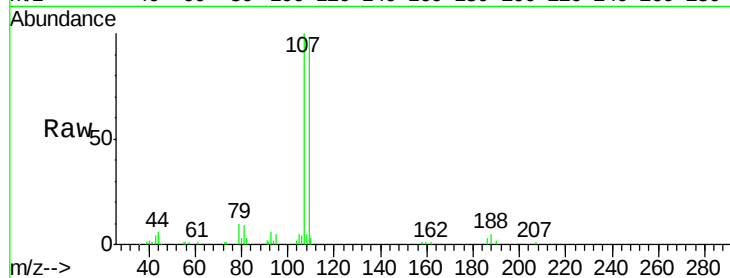
#61
 1,2-Dibromoethane
 Concen: 5.047 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. 0.00 min
 Lab File: VX019131.D
 Acq: 27 Oct 2020 11:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
107	100		
109	97.5	75.9	113.9

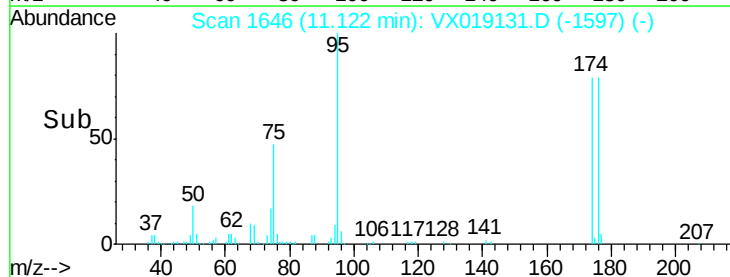
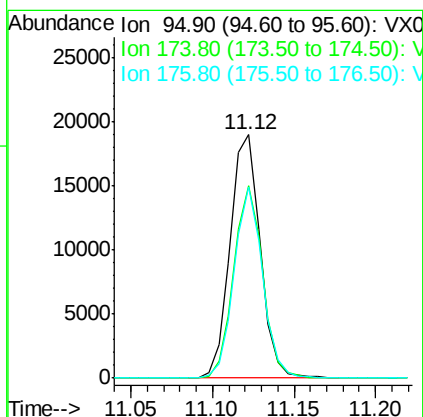
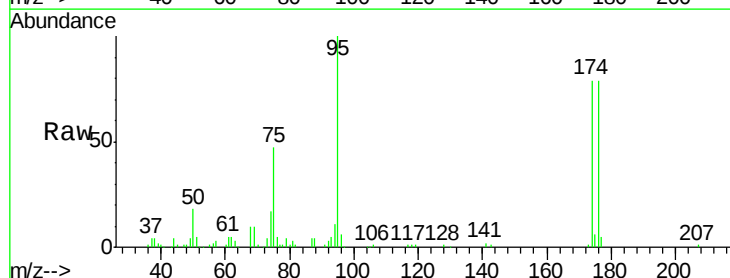
Manual Integrations
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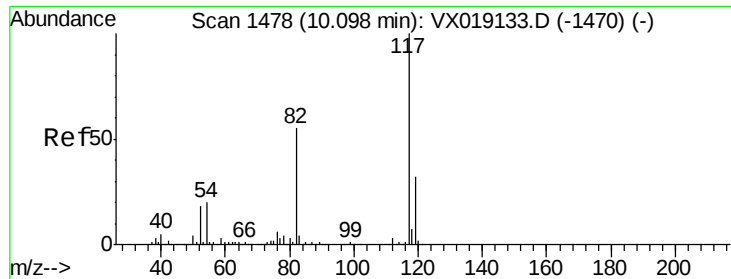
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#62
 4-Bromofluorobenzene
 Concen: 5.918 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. 0.00 min
 Lab File: VX019131.D
 Acq: 27 Oct 2020 11:56

Tgt Ion	Ratio	Lower	Upper
95	100		
174	76.3	0.0	156.0
176	74.4	0.0	149.8





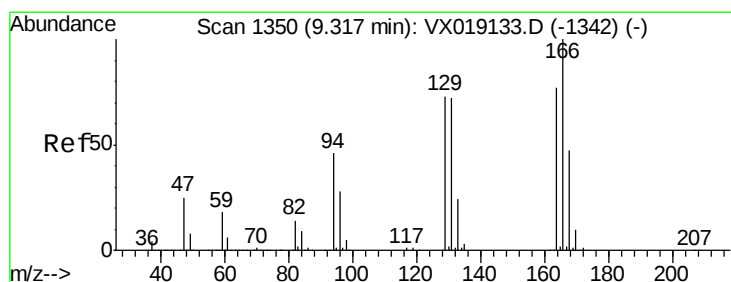
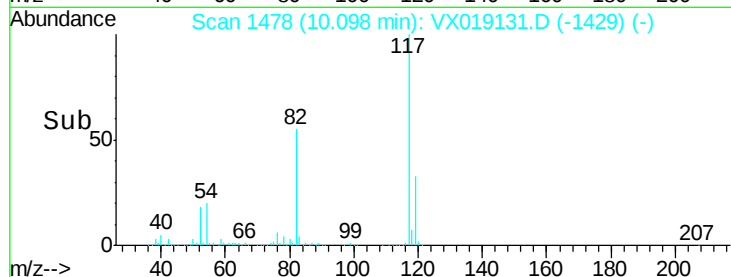
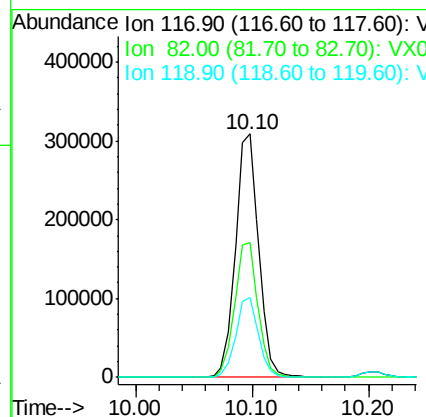
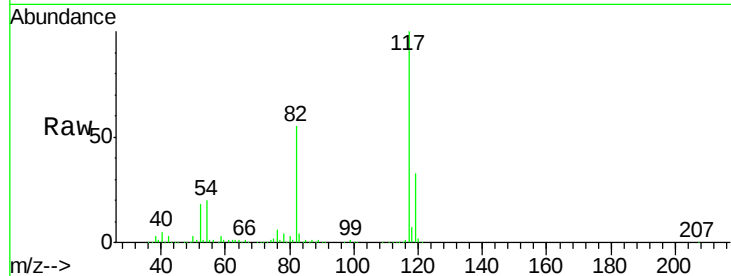
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX019131.D
Acq: 27 Oct 2020 11:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Resp	Lower	Upper
117	100	428214		
82	55.5	43.6	65.4	
119	32.8	25.5	38.3	

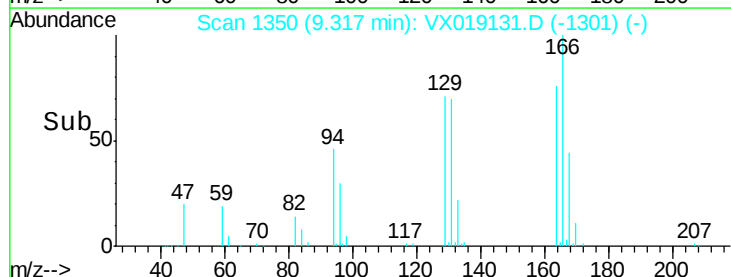
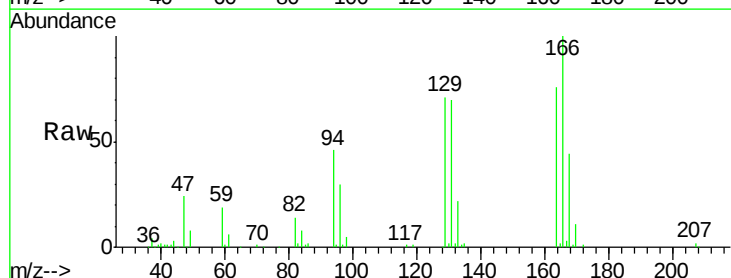
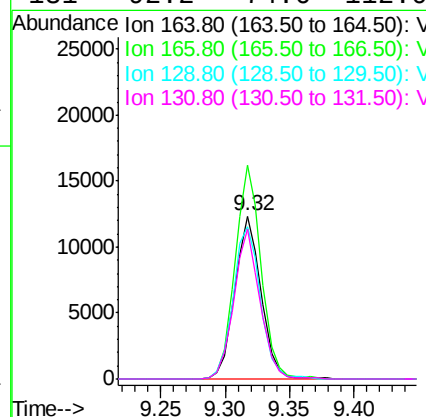
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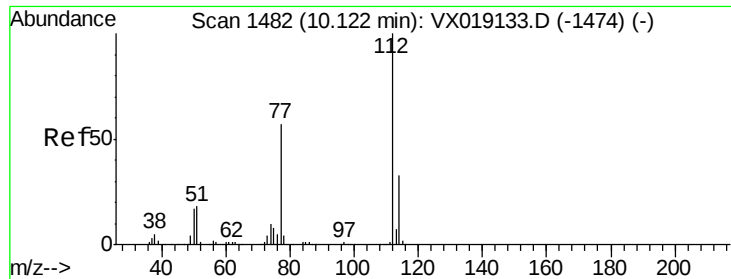
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#64
Tetrachloroethene
Concen: 5.399 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX019131.D
Acq: 27 Oct 2020 11:56

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	17622		
166	131.4	104.1	156.1	
129	93.9	76.2	114.4	
131	92.2	74.6	112.0	





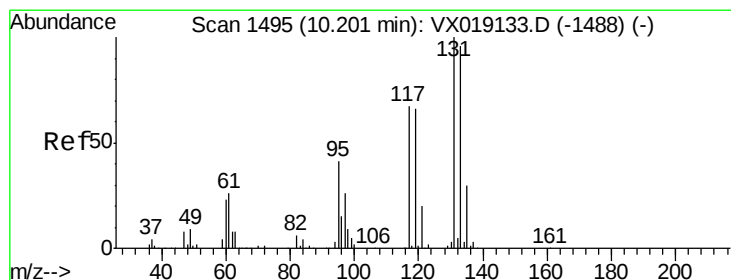
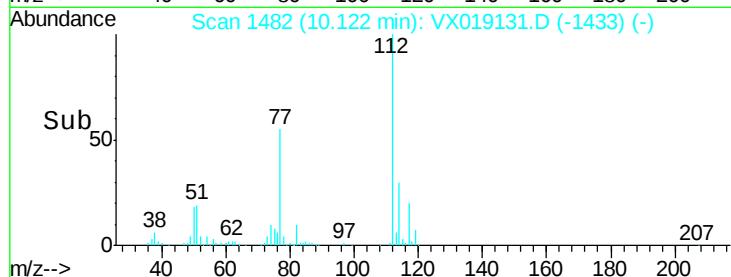
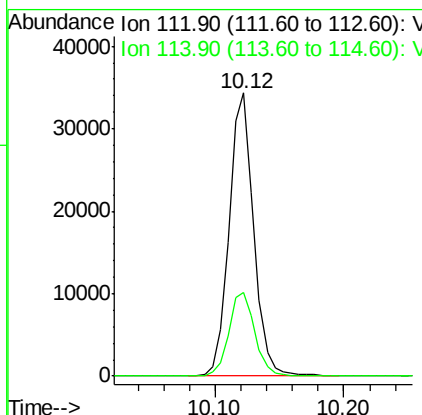
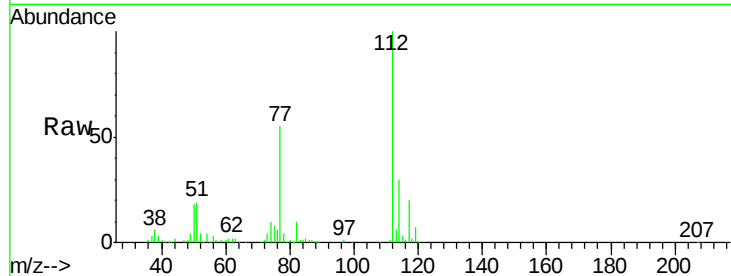
#65
Chlorobenzene
Concen: 5.358 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX019131.D
Acq: 27 Oct 2020 11:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion:112 Resp: 45819
Ion Ratio Lower Upper
112 100
114 29.7 26.1 39.1

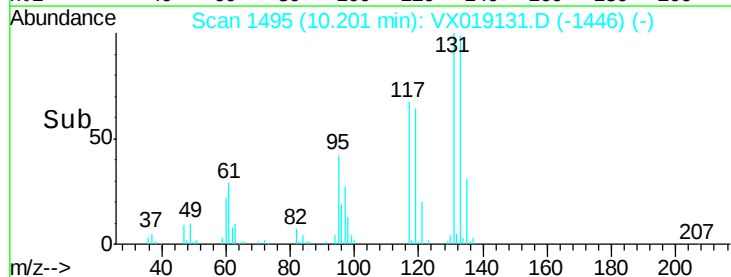
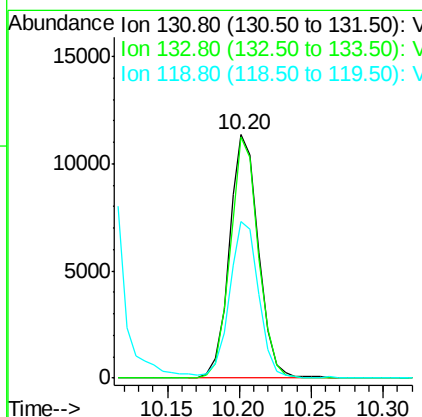
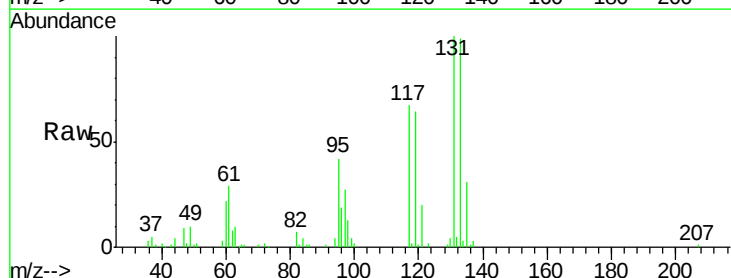
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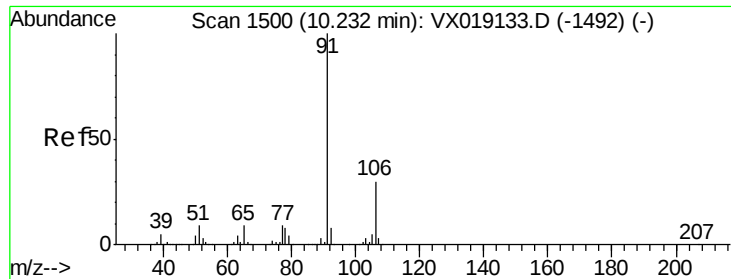
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#66
1,1,1,2-Tetrachloroethane
Concen: 5.253 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. 0.00 min
Lab File: VX019131.D
Acq: 27 Oct 2020 11:56

Tgt Ion:131 Resp: 16066
Ion Ratio Lower Upper
131 100
133 95.3 47.3 141.8
119 64.5 32.3 96.9





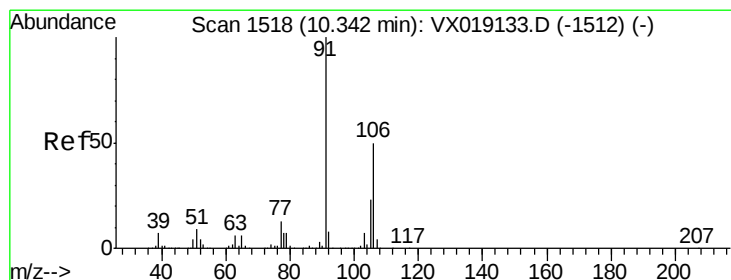
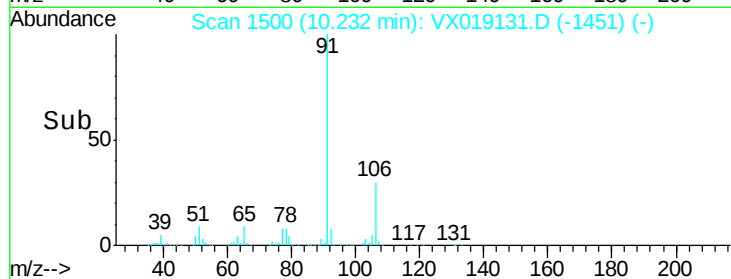
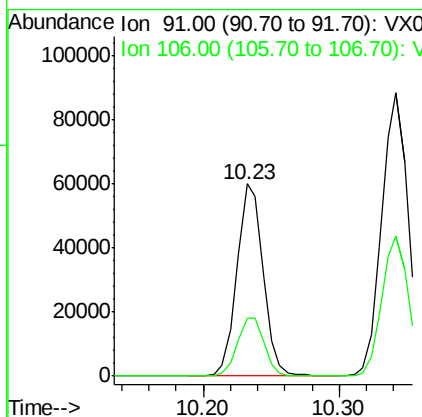
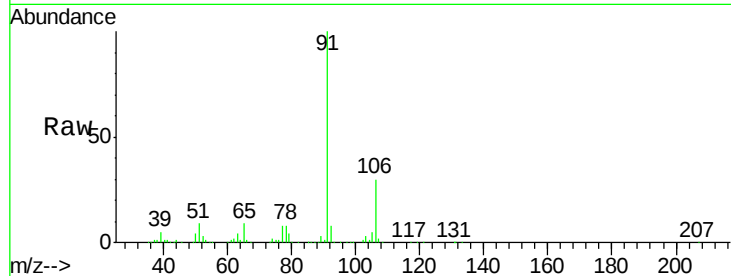
#67
Ethyl Benzene
Concen: 5.410 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. 0.00 min
Lab File: VX019131.D
Acq: 27 Oct 2020 11:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
91	100		
106	30.2	24.3	36.5

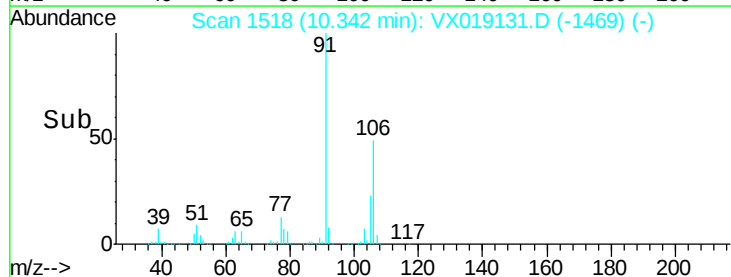
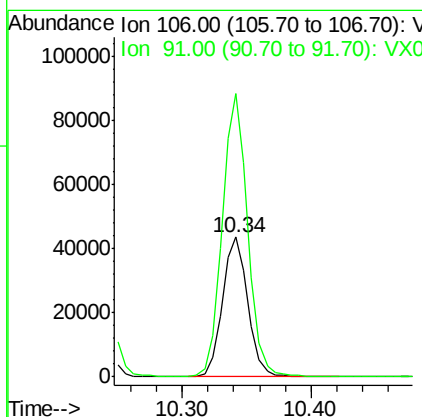
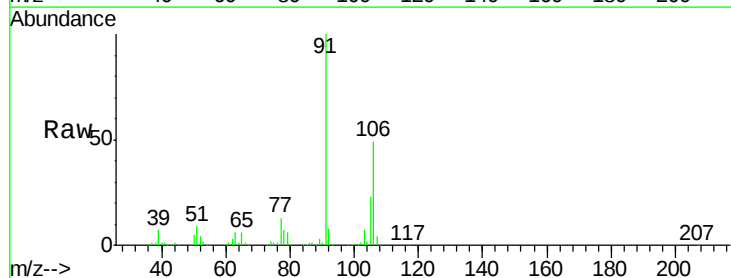
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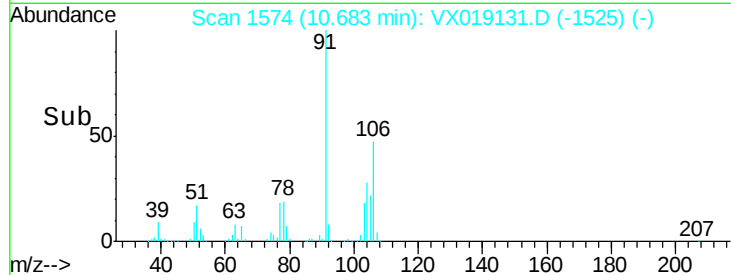
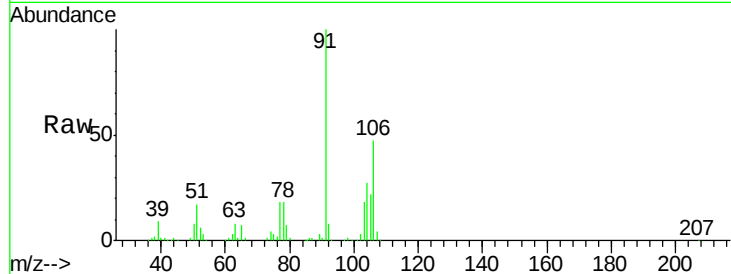
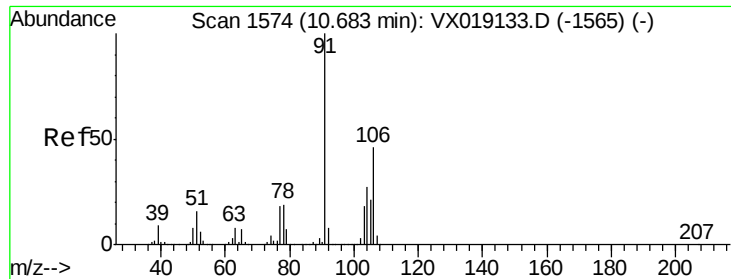
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#68
m/p-Xylenes
Concen: 10.522 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX019131.D
Acq: 27 Oct 2020 11:56

Tgt Ion	Ratio	Lower	Upper
106	100		
91	203.4	161.0	241.4





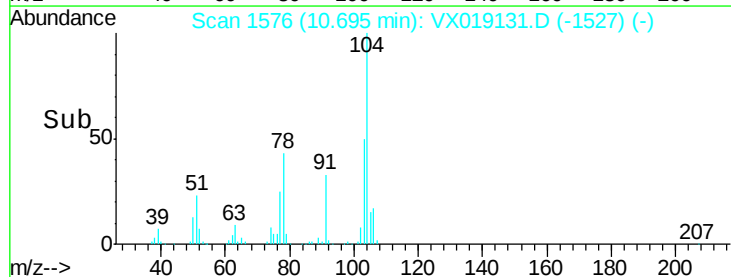
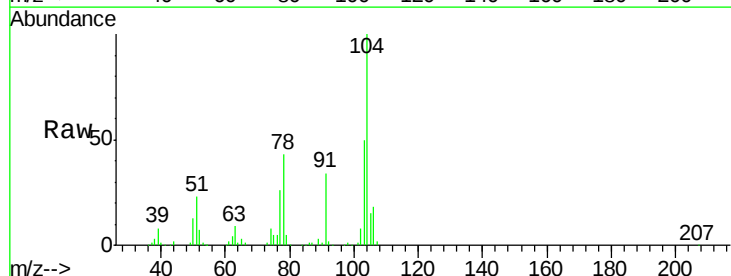
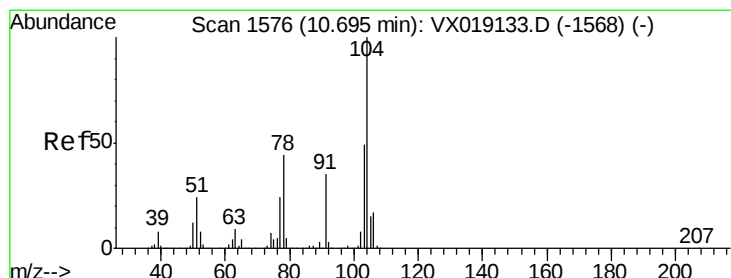
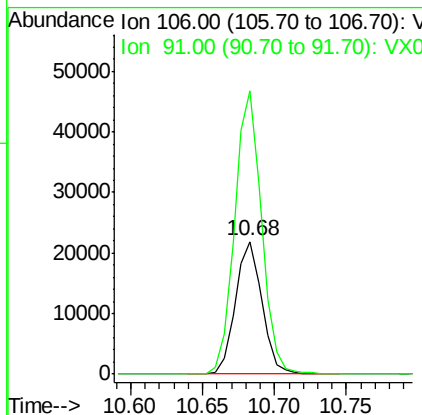
#69
o-Xylene
Concen: 5.134 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX019131.D
Acq: 27 Oct 2020 11:56

Tot Ion:106 Resp: 28294
Ion Ratio Lower Upper
106 100
91 215.7 108.3 324.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

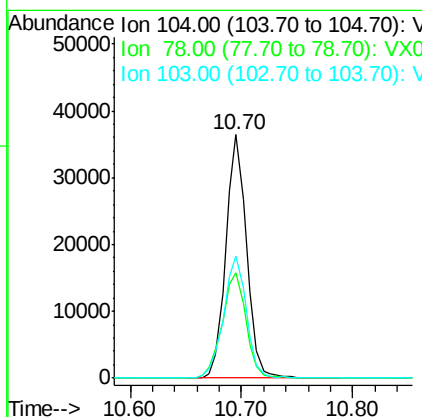
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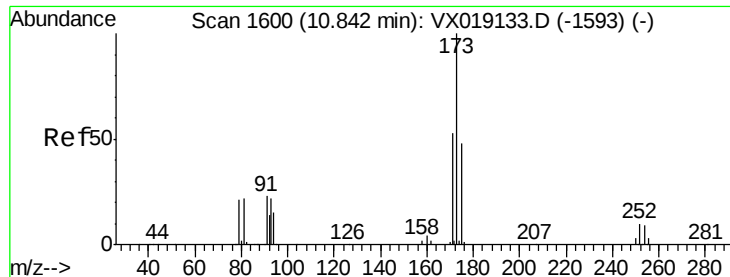
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#70
Styrene
Concen: 5.113 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX019131.D
Acq: 27 Oct 2020 11:56

Tgt Ion:104 Resp: 46949
Ion Ratio Lower Upper
104 100
78 49.9 40.0 60.0
103 55.1 43.5 65.3





#71

Bromoform

Concen: 4.813 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX019131.D

Acq: 27 Oct 2020 11:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion:173 Resp: 11593

Ion Ratio Lower Upper

173 100

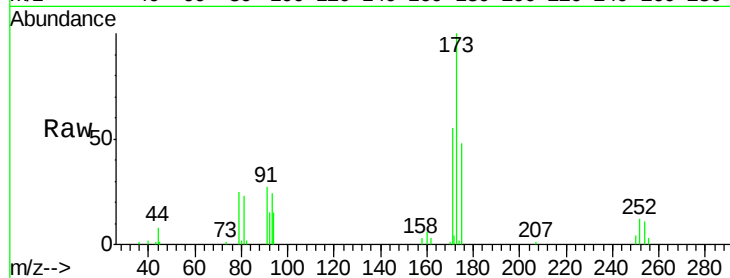
175 47.9 24.4 73.4

254 0.0 0.1 0.1#

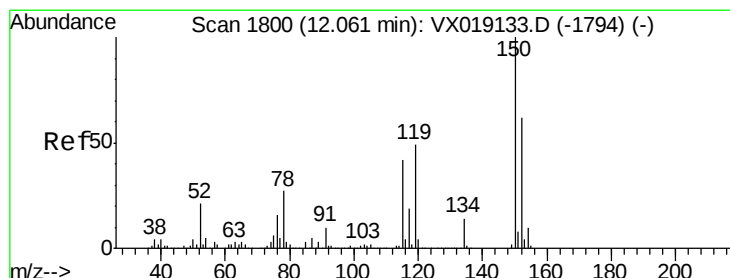
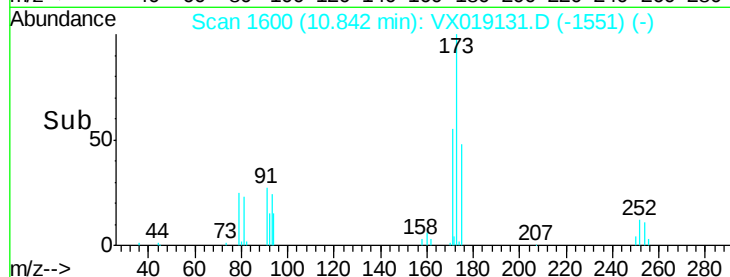
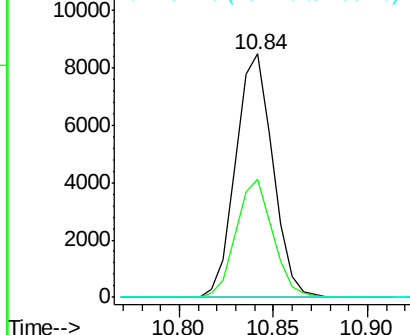
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX019131.D

Acq: 27 Oct 2020 11:56

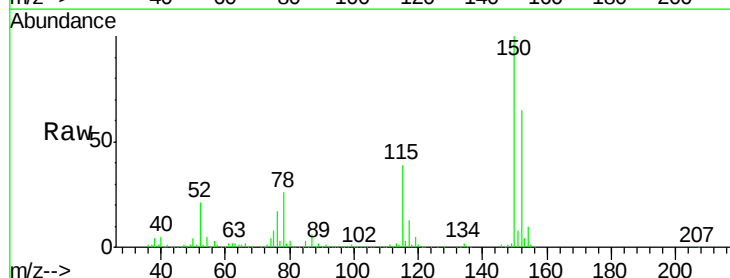
Tgt Ion:152 Resp: 207083

Ion Ratio Lower Upper

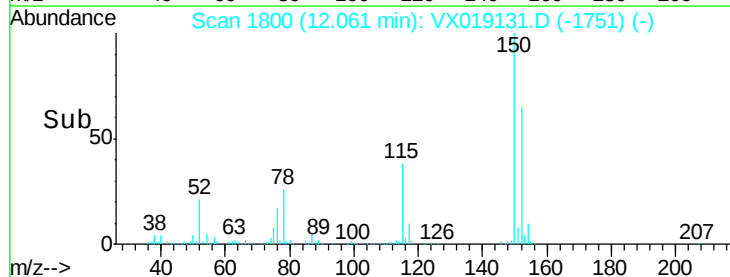
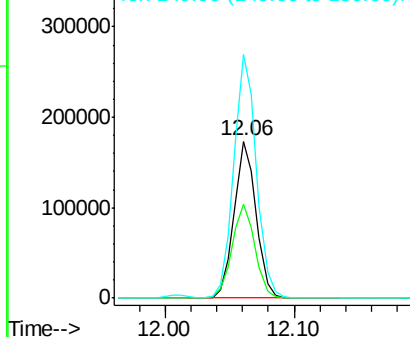
152 100

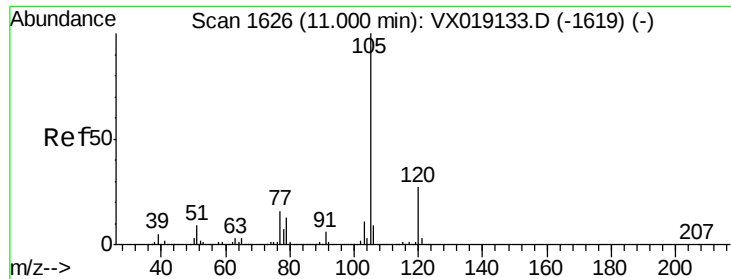
115 62.6 41.9 125.7

150 158.6 0.0 347.8



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





#73

Isopropylbenzene

Concen: 5.647 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX019131.D

Acq: 27 Oct 2020 11:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion:105 Resp: 78598

Ion Ratio Lower Upper

105 100

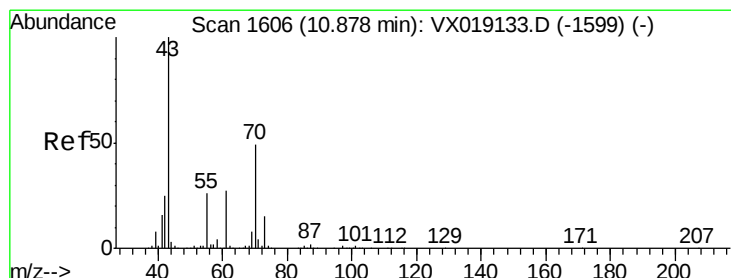
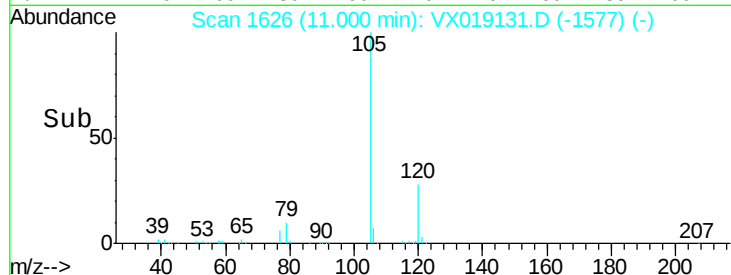
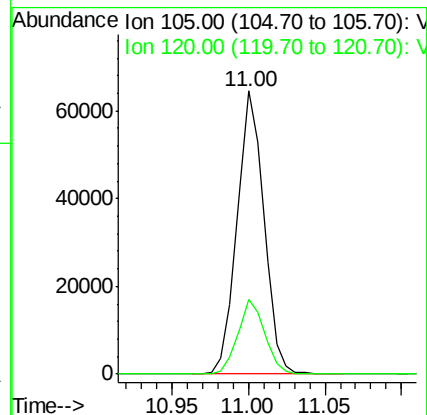
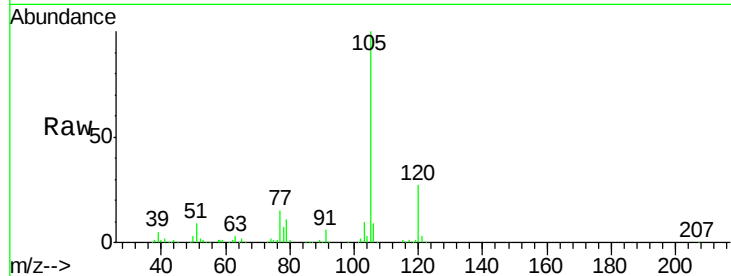
120 26.2 13.3 39.8

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#74

N-ethyl acetate

Concen: 6.066 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX019131.D

Acq: 27 Oct 2020 11:56

Tgt Ion: 43 Resp: 27380

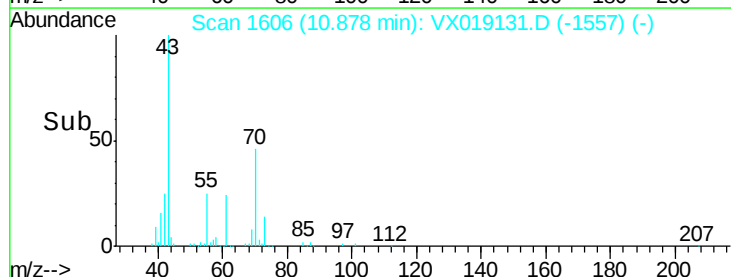
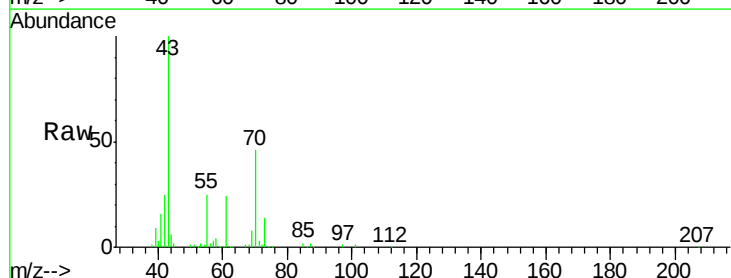
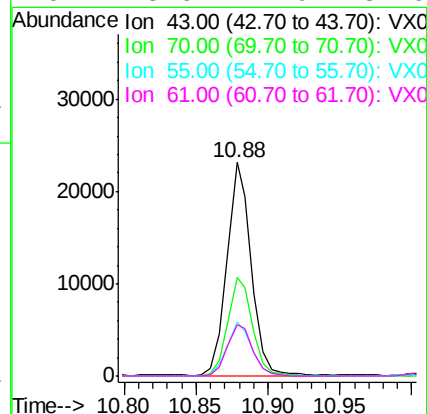
Ion Ratio Lower Upper

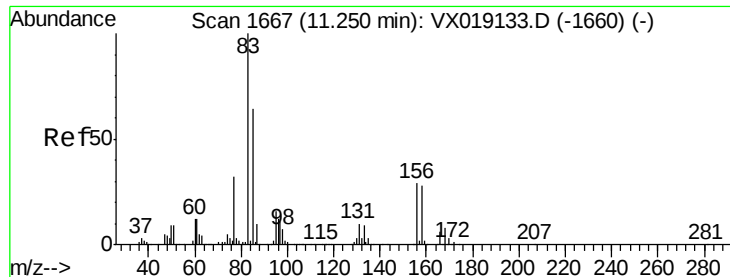
43 100

70 47.2 39.6 59.4

55 26.4 20.7 31.1

61 25.6 21.9 32.9





#75

1,1,2,2-Tetrachloroethane

Concen: 5.486 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX019131.D

Acq: 27 Oct 2020 11:56

Instrument :

MSVOA_X

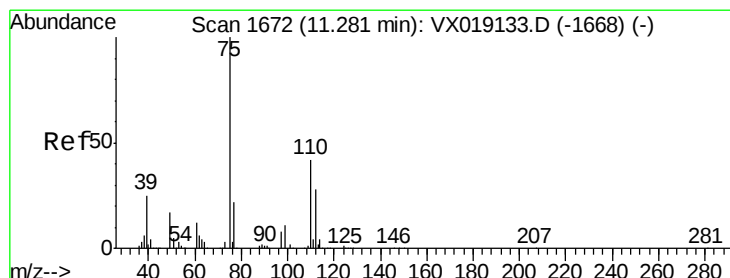
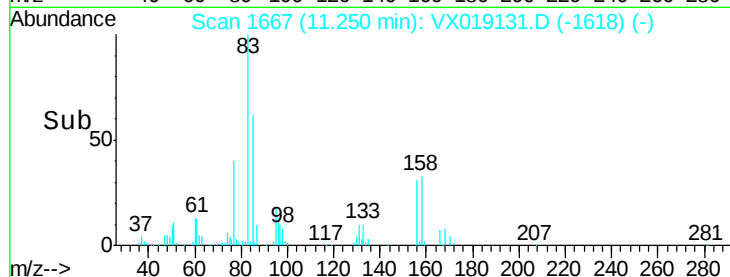
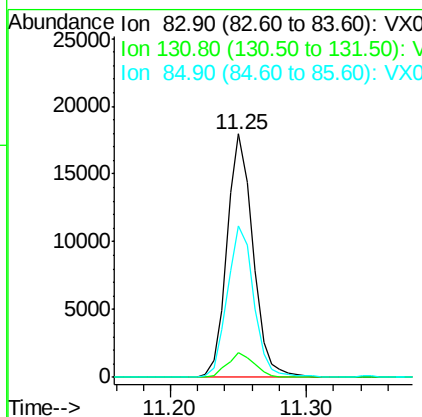
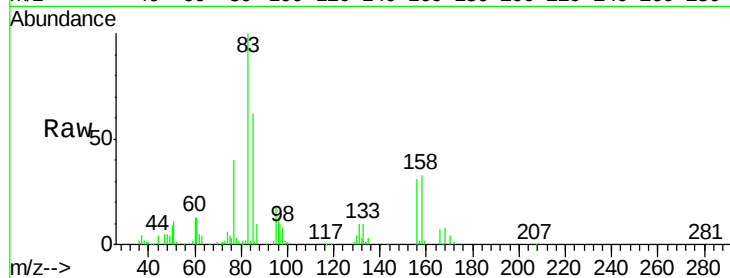
ClientSampleId :

VSTDIC005

Tot Ion:	83	Resp:	23852
Ion Ratio	Lower	Upper	
83	100		
131	10.2	5.2	15.6
85	63.6	32.1	96.3

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#76

1,2,3-Trichloropropane

Concen: 5.780 ug/l m

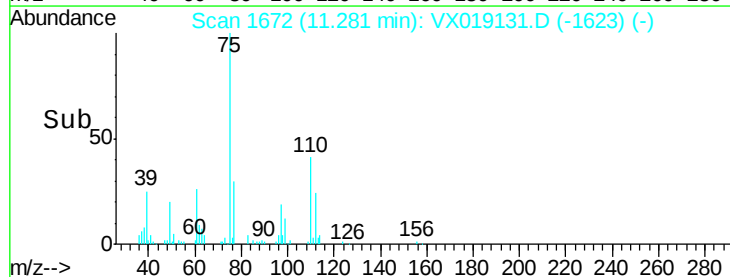
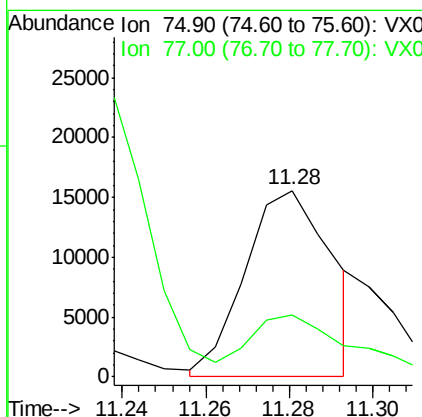
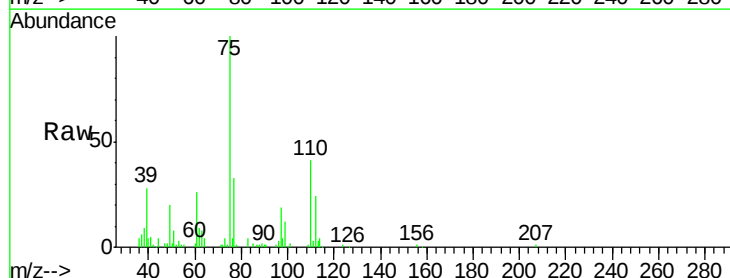
RT: 11.28 min Scan# 1672

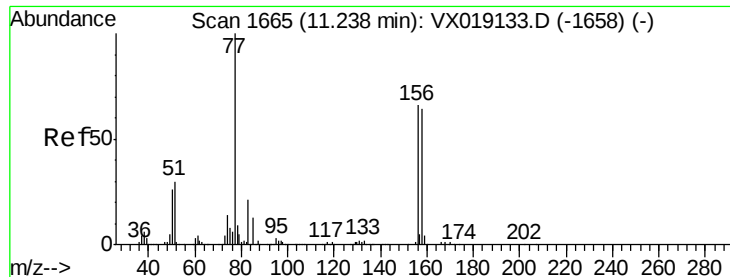
Delta R.T. 0.00 min

Lab File: VX019131.D

Acq: 27 Oct 2020 11:56

Tgt Ion:	75	Resp:	22367
Ion Ratio	Lower	Upper	
75	100		
77	39.3	20.3	60.9





#77

Bromobenzene

Concen: 5.334 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX019131.D

Acq: 27 Oct 2020 11:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion:156 Resp: 18593

Ion Ratio Lower Upper

156 100

77 167.4 77.7 233.1

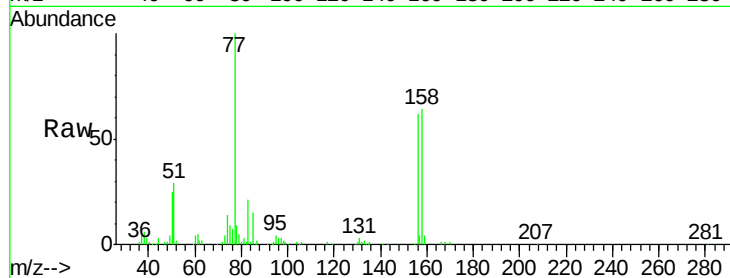
158 99.4 48.3 144.8

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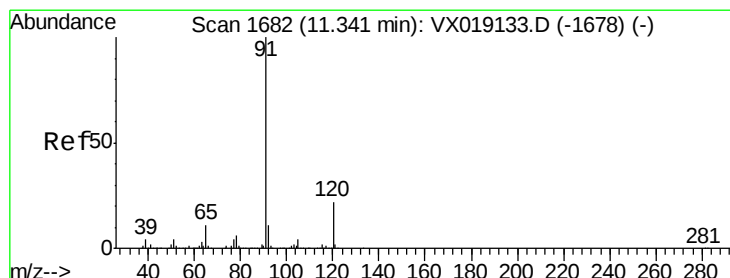
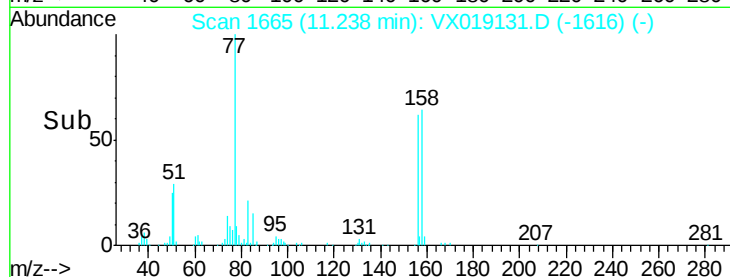
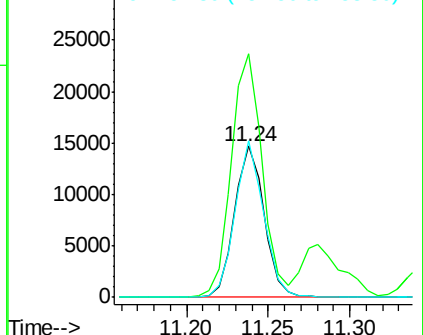
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 5.713 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX019131.D

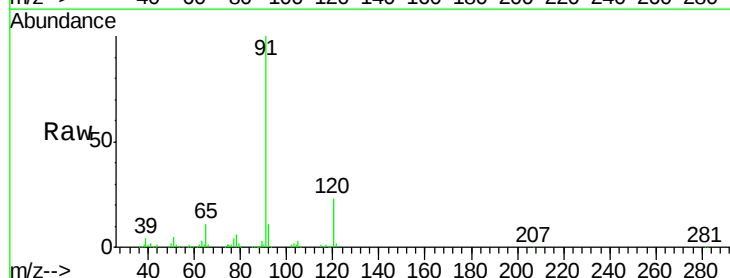
Acq: 27 Oct 2020 11:56

Tgt Ion: 91 Resp: 89246

Ion Ratio Lower Upper

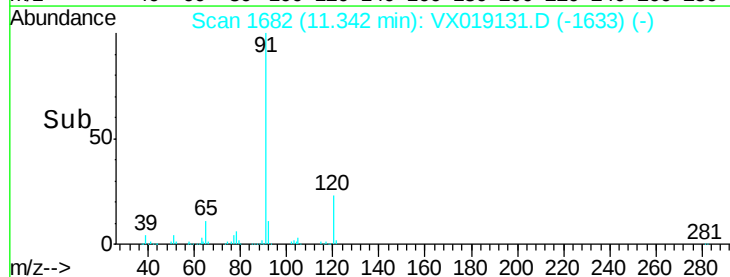
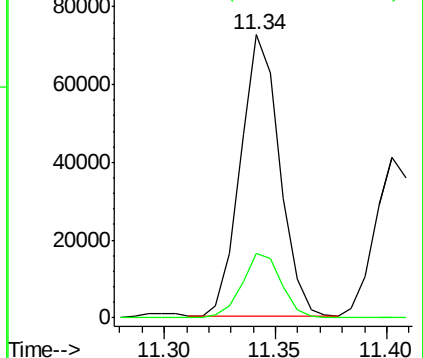
91 100

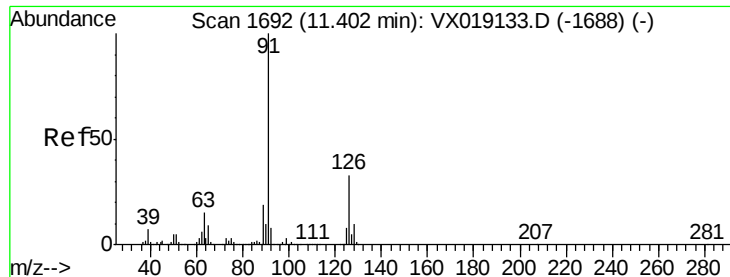
120 22.8 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 5.663 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX019131.D

Acq: 27 Oct 2020 11:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 91 Resp: 52011

Ion Ratio Lower Upper

91 100

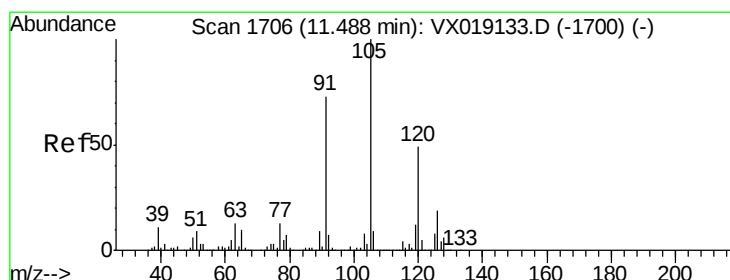
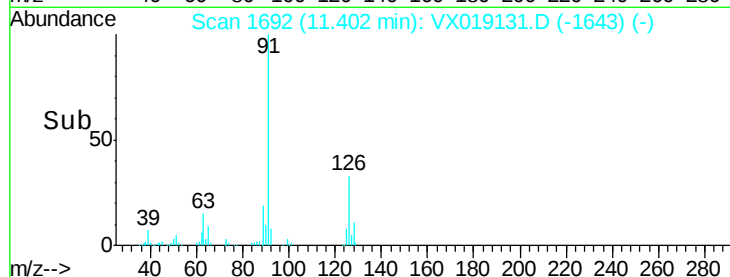
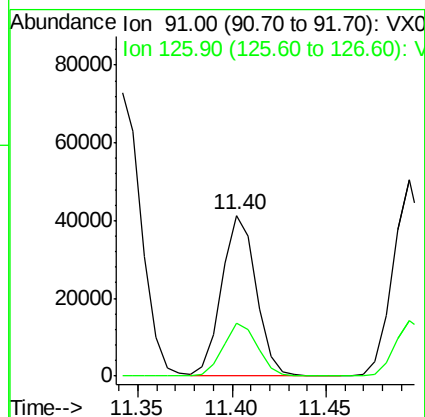
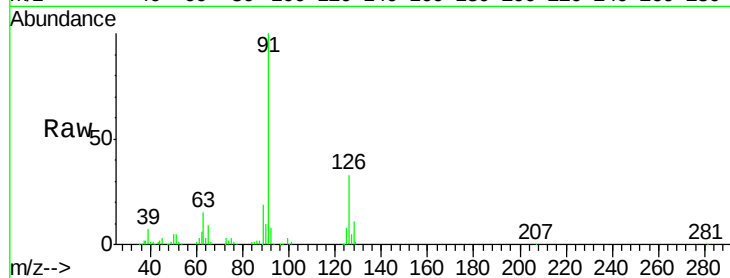
126 33.4 16.9 50.7

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 5.613 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VX019131.D

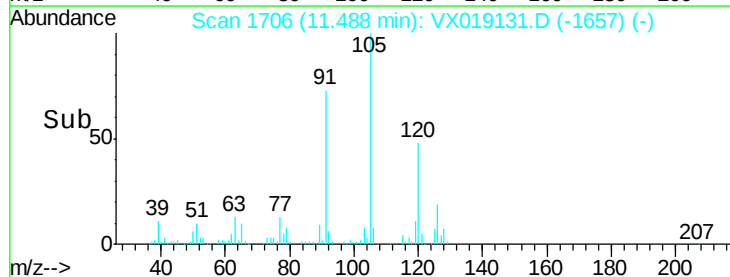
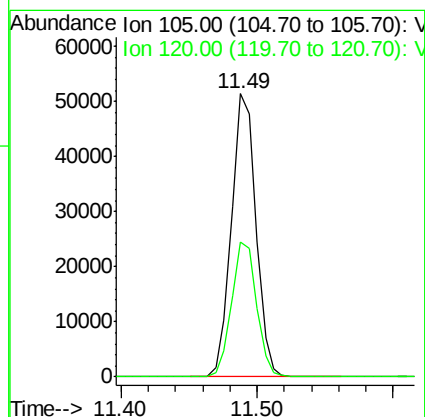
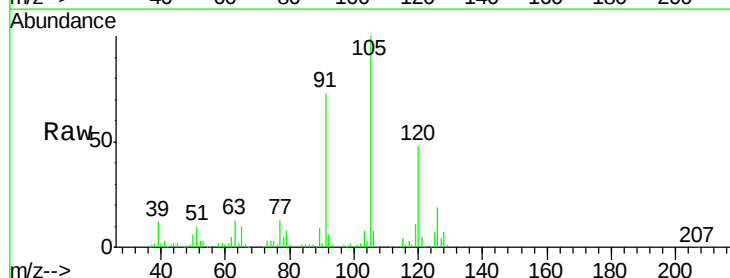
Acq: 27 Oct 2020 11:56

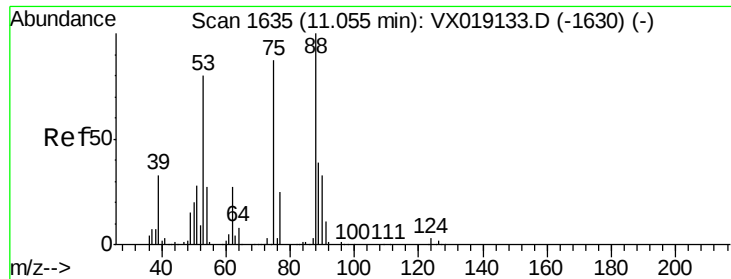
Tgt Ion: 105 Resp: 64472

Ion Ratio Lower Upper

105 100

120 48.6 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 5.167 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX019131.D

Acq: 27 Oct 2020 11:56

Instrument :

MSVOA_X

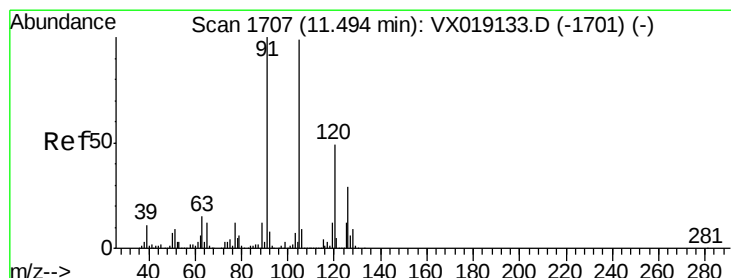
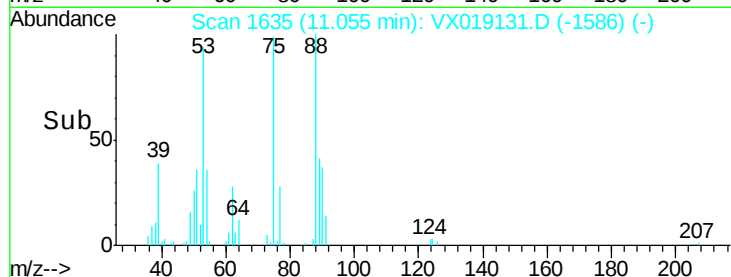
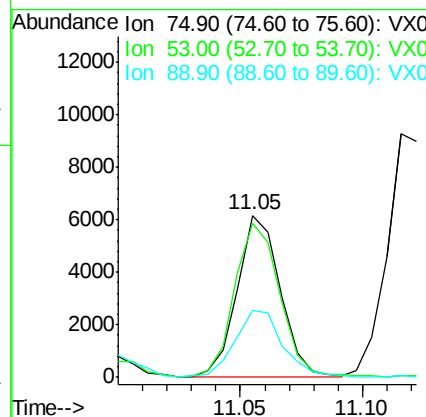
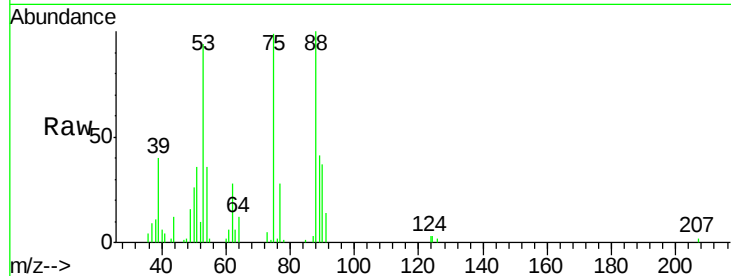
ClientSampleId :

VSTDIC005

Tot Ion:	75	Resp:	7566
Ion	Ratio	Lower	Upper
75	100		
53	100.4	73.3	109.9
89	46.0	38.2	57.2

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#82

4-Chlorotoluene

Concen: 5.817 ug/l

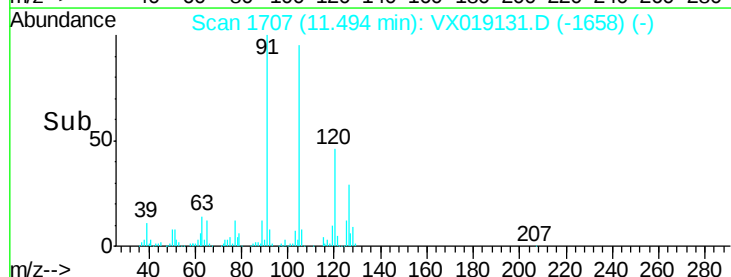
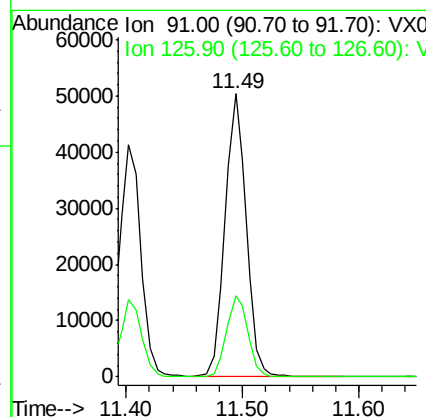
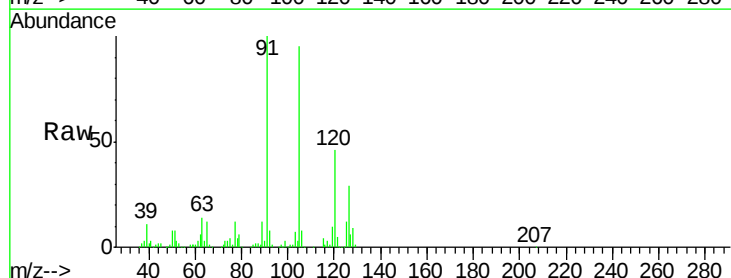
RT: 11.49 min Scan# 1707

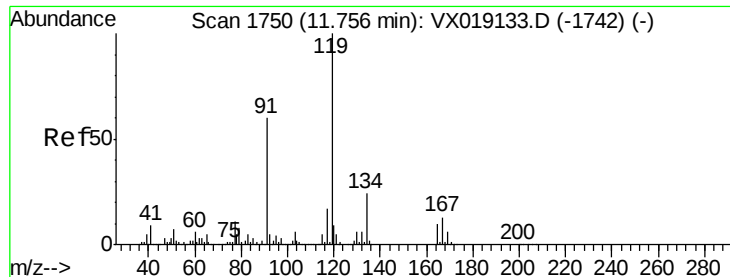
Delta R.T. 0.00 min

Lab File: VX019131.D

Acq: 27 Oct 2020 11:56

Tgt Ion:	91	Resp:	63253
Ion	Ratio	Lower	Upper
91	100		
126	28.7	14.8	44.4





#83

tert-Butylbenzene

Concen: 5.525 ug/l

RT: 11.75 min Scan# 1749

Delta R.T. -0.01 min

Lab File: VX019131.D

Acq: 27 Oct 2020 11:56

Instrument :

MSVOA_X

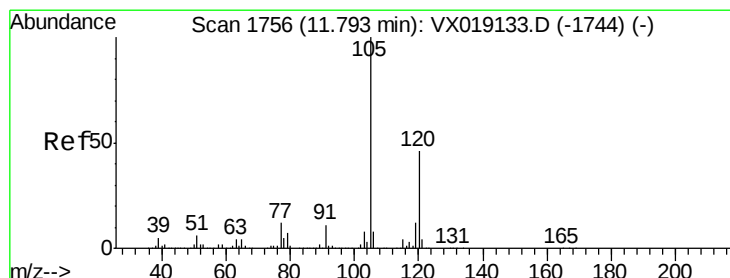
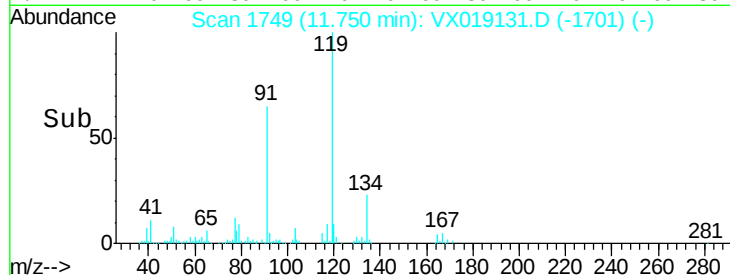
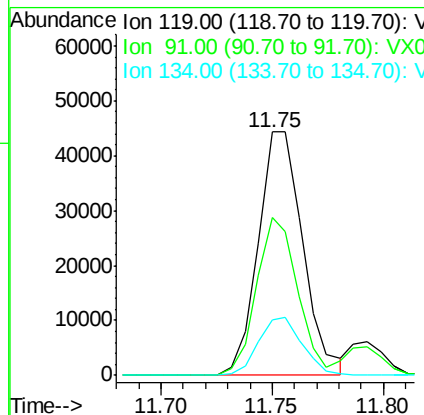
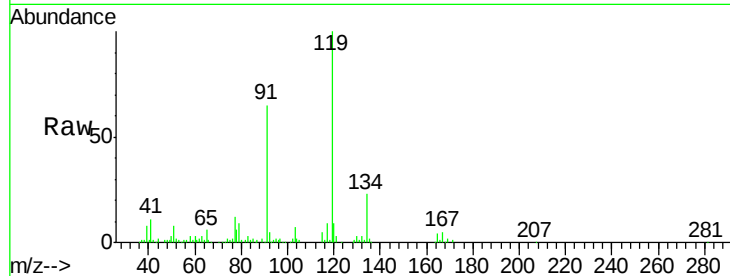
ClientSampleId :

VSTDIC005

Tot Ion:119	Resp:	61994
Ion Ratio	Lower	Upper
119 100		
91 59.5	29.0	87.1
134 23.1	11.7	35.0

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 5.564 ug/l

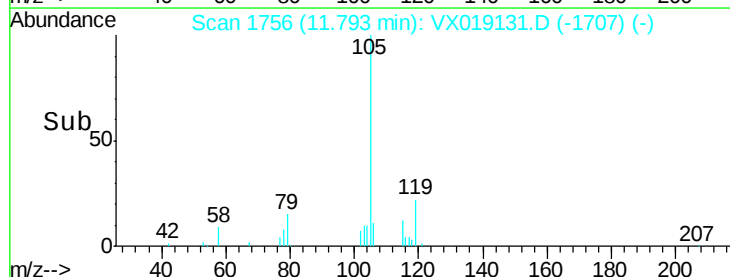
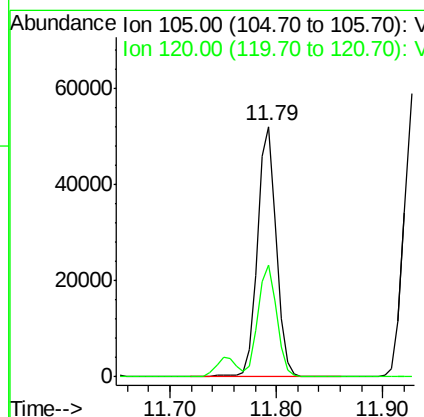
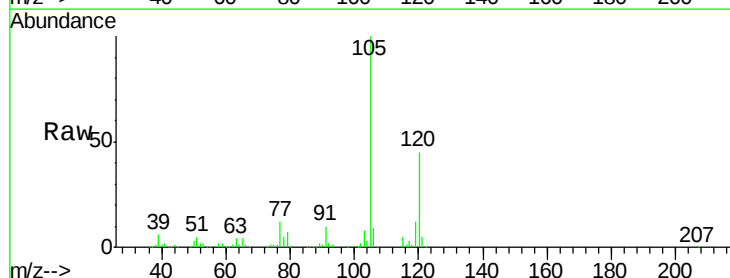
RT: 11.79 min Scan# 1756

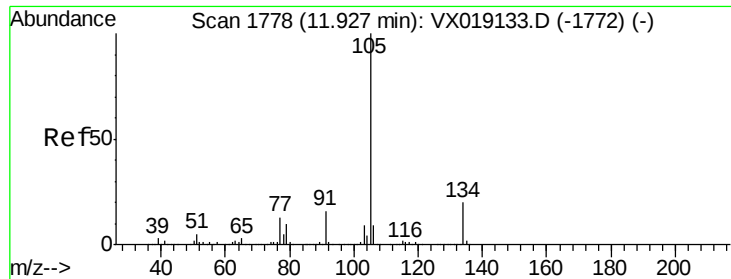
Delta R.T. 0.00 min

Lab File: VX019131.D

Acq: 27 Oct 2020 11:56

Tgt Ion:105	Resp:	64629
Ion Ratio	Lower	Upper
105 100		
120 44.5	22.4	67.3





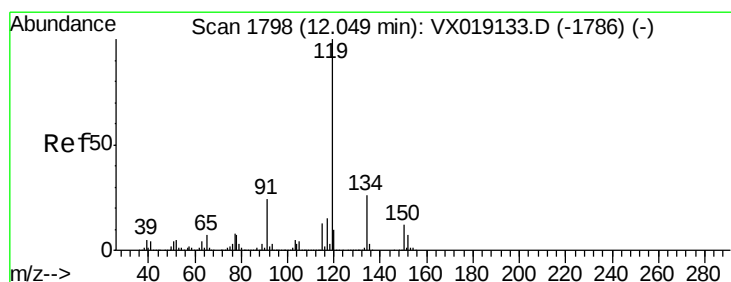
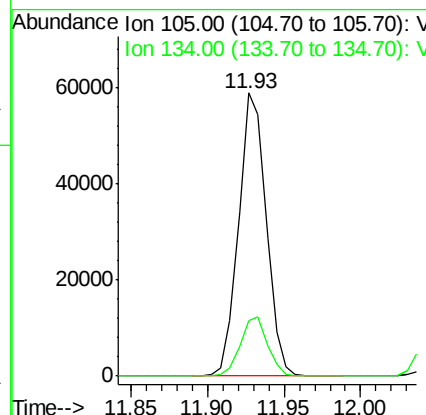
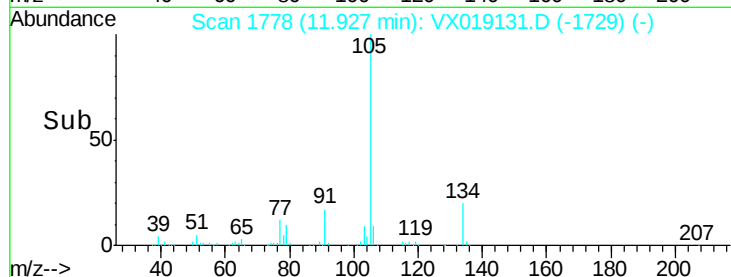
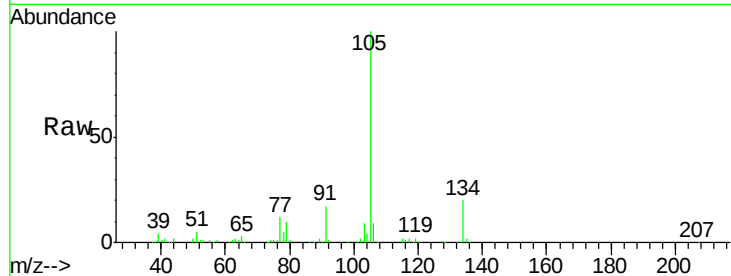
#85
 sec-Butylbenzene
 Concen: 5.488 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: VX019131.D
 Acq: 27 Oct 2020 11:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion:105 Resp: 73930
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.1 30.1

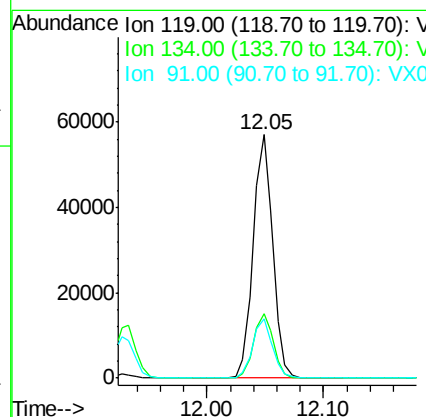
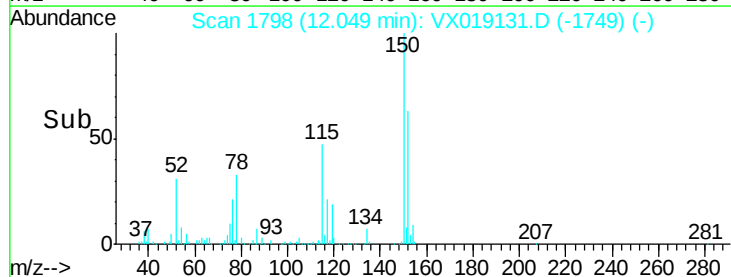
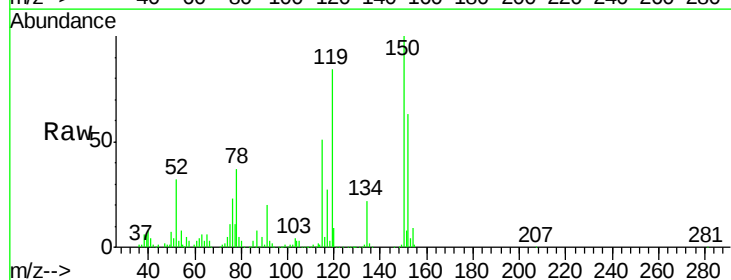
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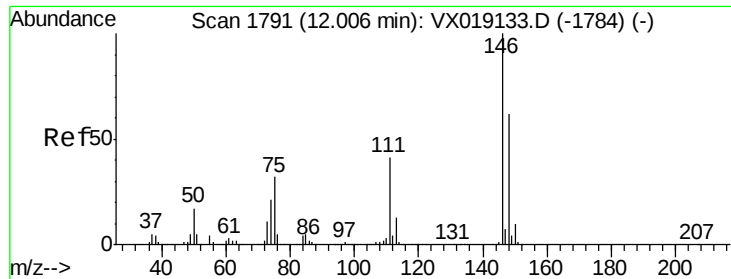
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#86
 p-Isopropyltoluene
 Concen: 5.387 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX019131.D
 Acq: 27 Oct 2020 11:56

Tgt Ion:119 Resp: 67182
 Ion Ratio Lower Upper
 119 100
 134 26.8 12.9 38.7
 91 25.1 12.0 36.0





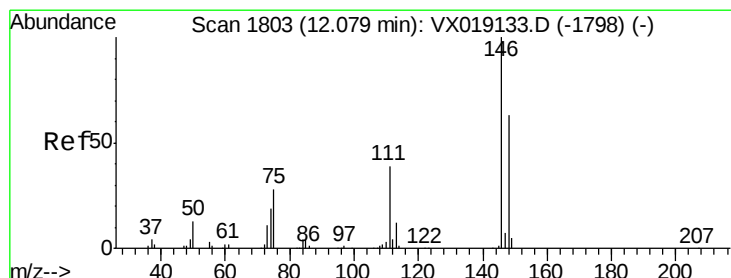
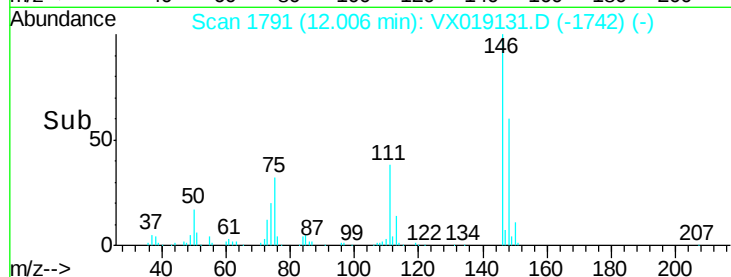
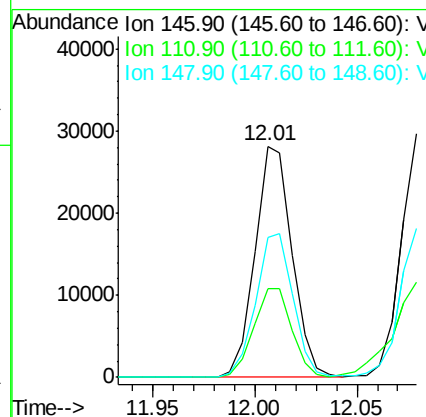
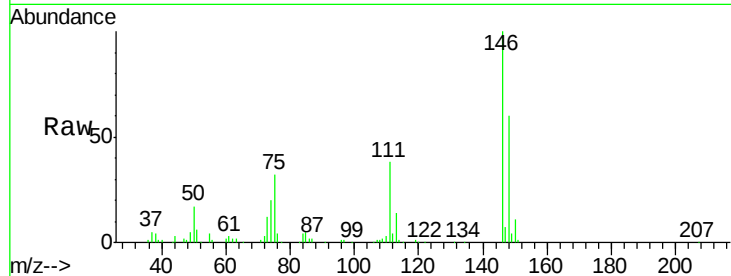
#87
 1,3-Dichlorobenzene
 Concen: 5.543 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX019131.D
 Acq: 27 Oct 2020 11:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.7	20.4	61.2
148	62.5	31.6	94.8

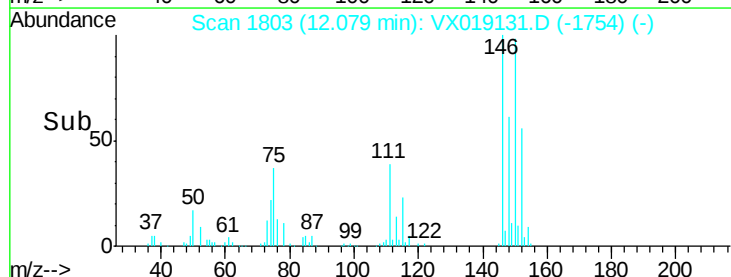
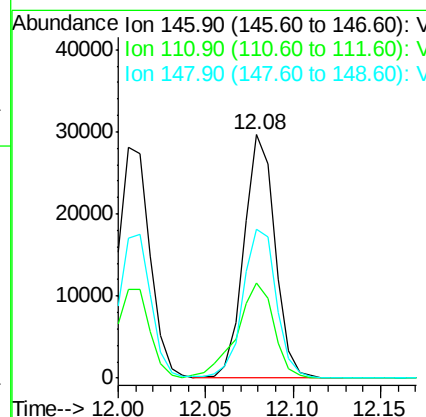
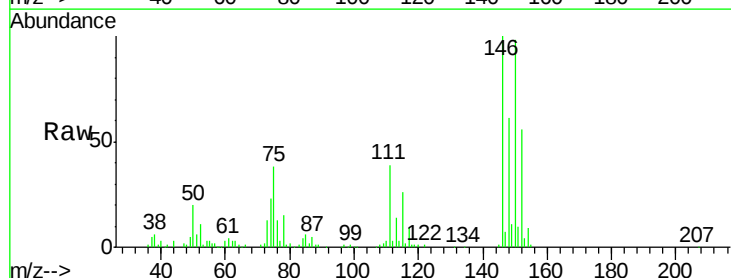
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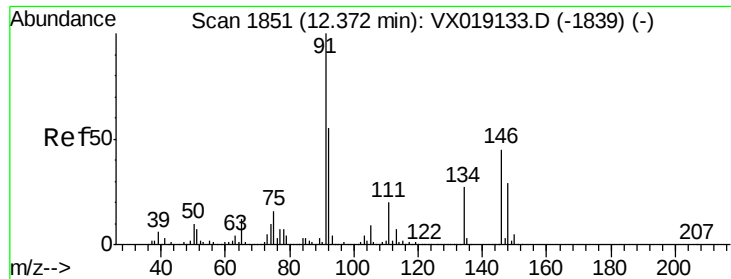
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#88
 1,4-Dichlorobenzene
 Concen: 5.452 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX019131.D
 Acq: 27 Oct 2020 11:56

Tgt Ion	Ratio	Lower	Upper
146	100		
111	46.7	20.2	60.5
148	65.9	31.3	93.8





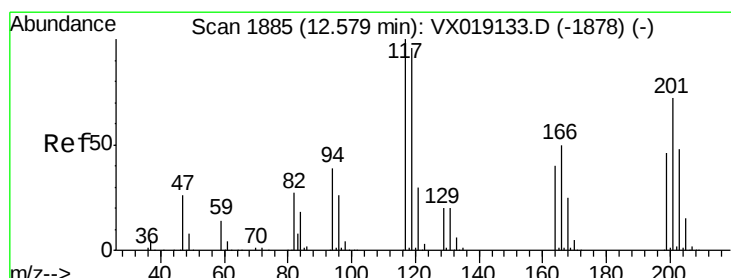
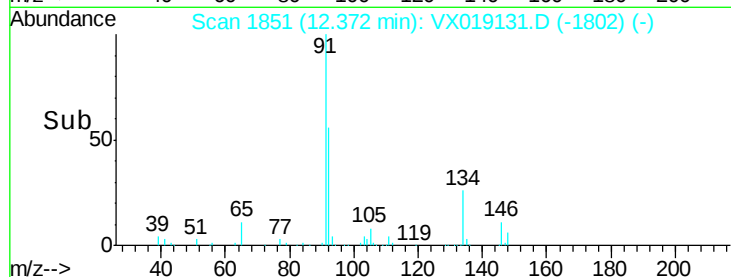
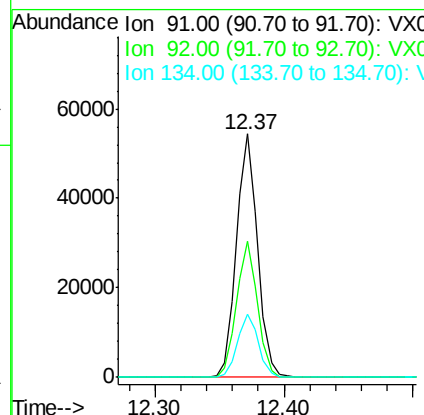
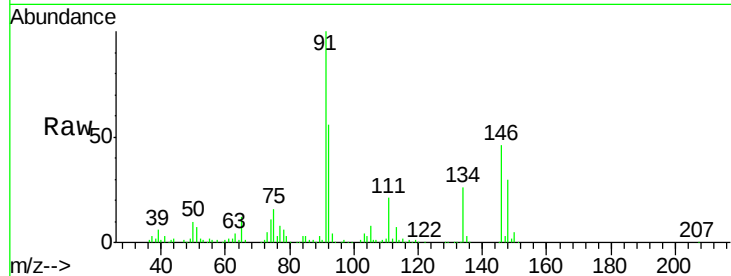
#89
n-Butylbenzene
Concen: 5.515 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX019131.D
Acq: 27 Oct 2020 11:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
91	100		
92	55.4	27.5	82.4
134	25.9	13.2	39.6

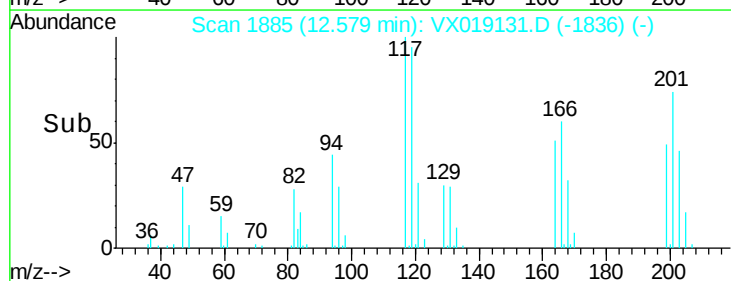
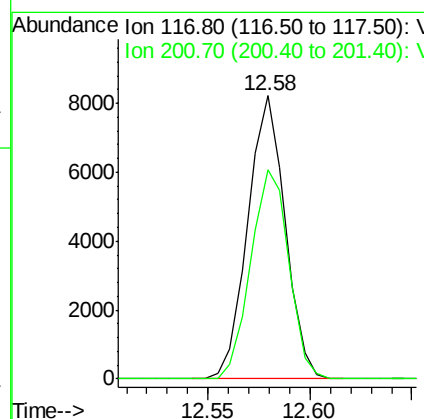
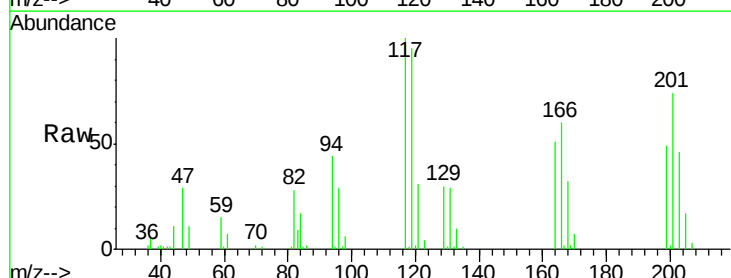
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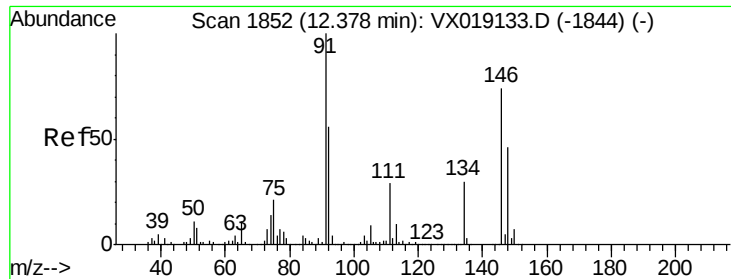
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#90
Hexachloroethane
Concen: 5.018 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX019131.D
Acq: 27 Oct 2020 11:56

Tgt Ion	Ratio	Lower	Upper
117	100		
201	75.2	38.5	115.3





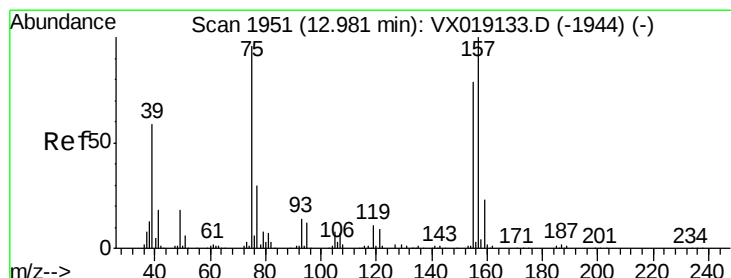
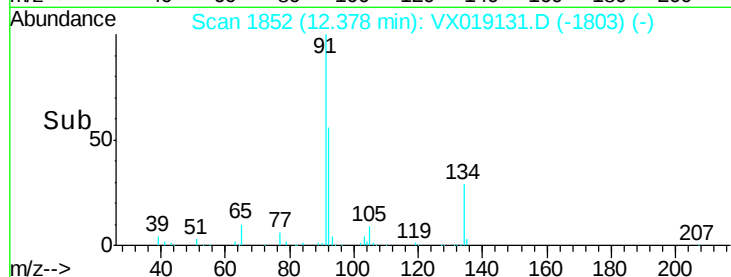
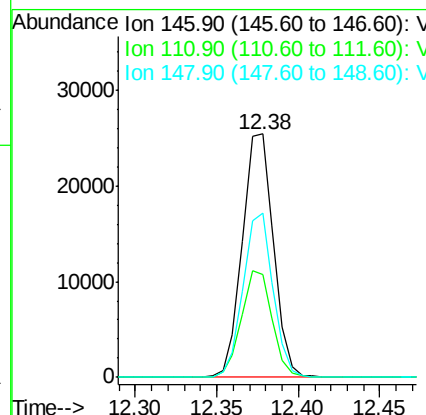
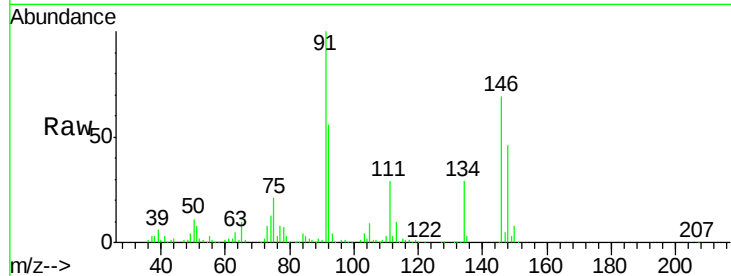
#91
1,2-Dichlorobenzene
Concen: 5.383 ug/l
RT: 12.38 min Scan# 1852
Delta R.T. 0.00 min
Lab File: VX019131.D
Acq: 27 Oct 2020 11:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.1	21.2	63.6
148	64.8	31.6	94.7

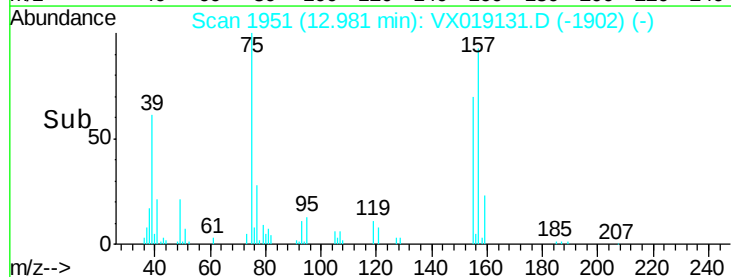
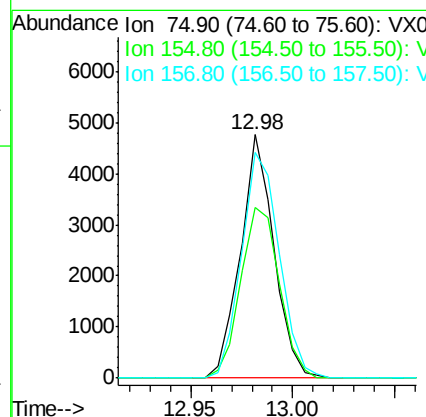
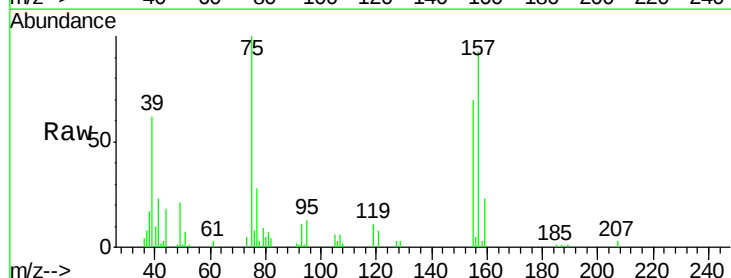
Manual Integrations
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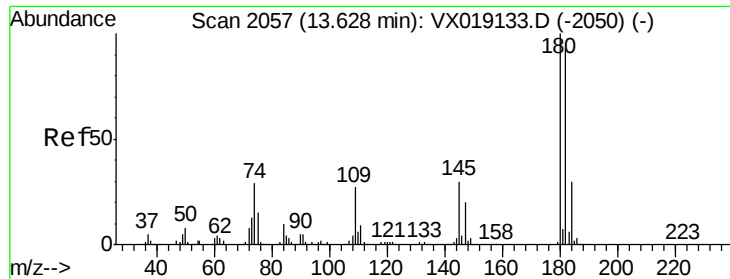
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#92
1,2-Dibromo-3-Chloropropane
Concen: 5.629 ug/l
RT: 12.98 min Scan# 1951
Delta R.T. 0.00 min
Lab File: VX019131.D
Acq: 27 Oct 2020 11:56

Tgt Ion	Ratio	Lower	Upper
75	100		
155	81.1	42.8	128.4
157	104.9	54.8	164.4





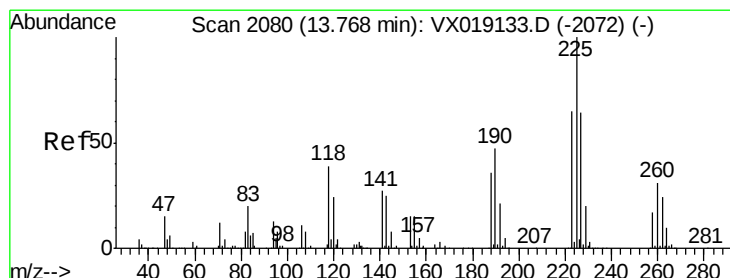
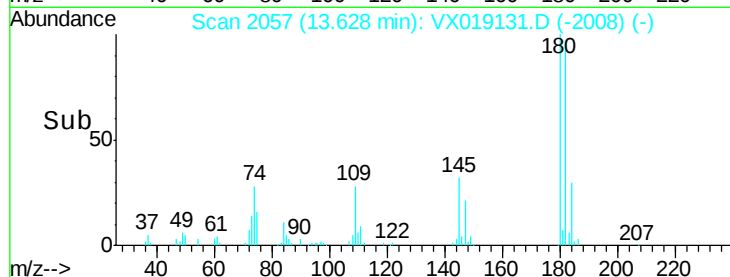
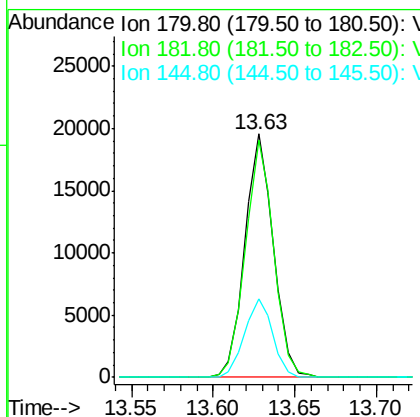
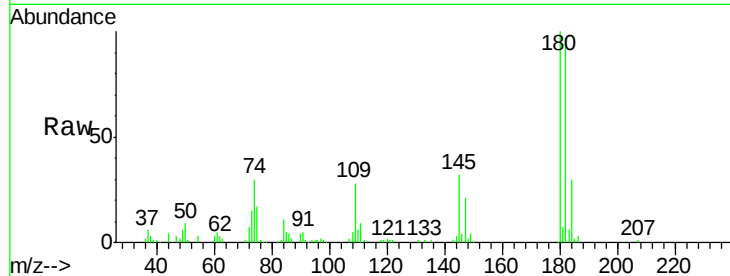
#93
 1,2,4-Trichlorobenzene
 Concen: 5.425 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX019131.D
 Acq: 27 Oct 2020 11:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Resp	Lower	Upper
180	100	23889		
182	96.8	46.8	140.3	
145	31.9	15.5	46.5	

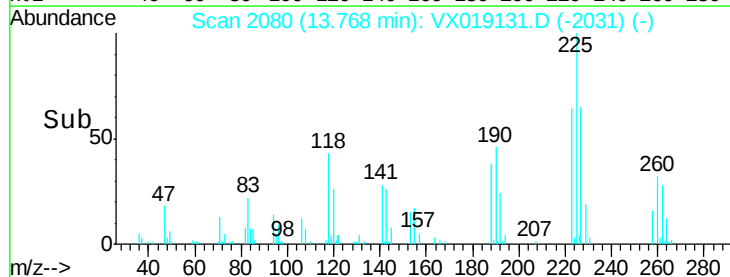
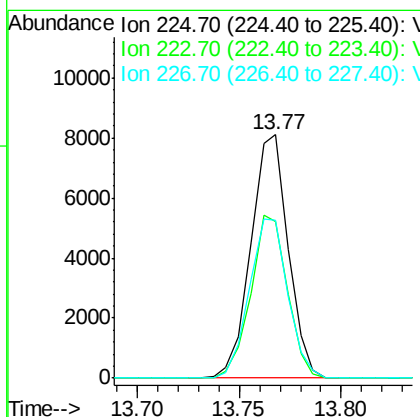
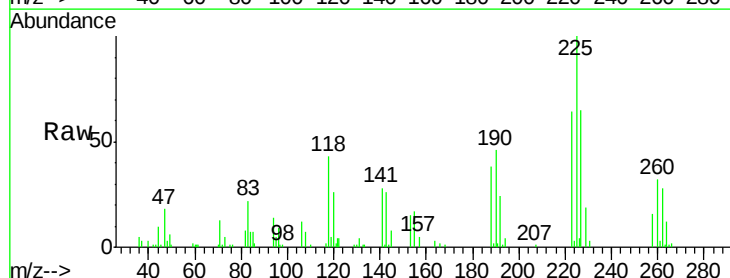
Manual Integrations
 APPROVED

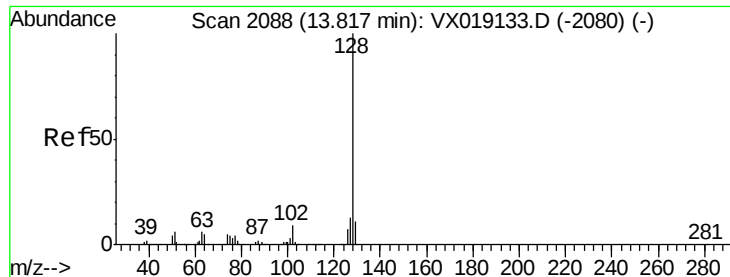
MMDadoda
 10/28/2020 12:33:19 PM



#94
 Hexachlorobutadiene
 Concen: 5.284 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX019131.D
 Acq: 27 Oct 2020 11:56

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	10338		
223	65.6	32.4	97.2	
227	67.0	31.6	94.7	





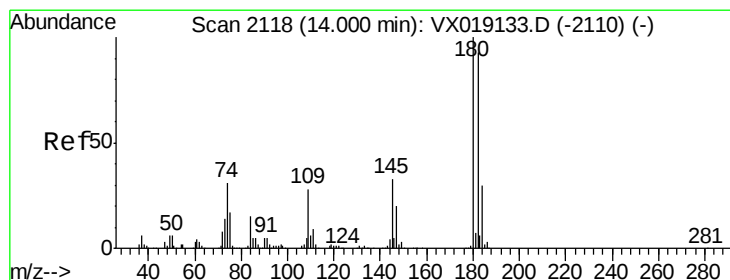
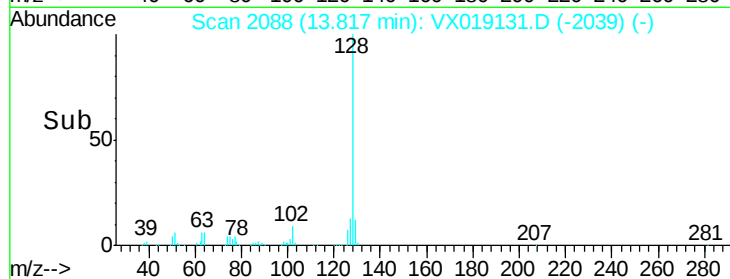
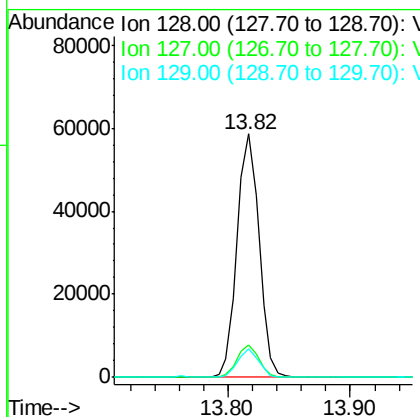
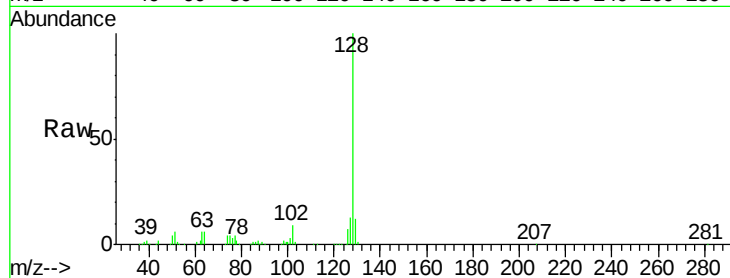
#95
Naphthalene
Concen: 5.257 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX019131.D
Acq: 27 Oct 2020 11:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.3	15.5
129	11.1	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
10/28/2020 12:33:19 PM



#96
1,2,3-Trichlorobenzene
Concen: 5.345 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VX019131.D
Acq: 27 Oct 2020 11:56

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.8	47.8	143.3
145	33.2	16.5	49.5

