

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112020\
 Data File : VX019486.D
 Acq On : 19 Nov 2020 23:10
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Quant Time: Nov 20 01:40:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X112020W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Nov 20 01:06:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.98	128	46666	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.83	114	257098	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	240817	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	101508	30.27	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	100.90%
60) 4-Bromofluorobenzene	11.12	95	115671	29.45	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	98.17%
63) Toluene-d8	8.70	98	322771	30.07	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	100.23%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.18	85	49239	18.983	ug/l 100
3) Chloromethane	1.31	50	55082	19.099	ug/l 98
4) Vinyl Chloride	1.39	62	58940	18.544	ug/l 98
5) Bromomethane	1.62	94	23028	19.025	ug/l 95
6) Chloroethane	1.69	64	37907	41.946	ug/l 100
7) Trichlorofluoromethane	1.90	101	81626	18.024	ug/l 99
8) Diethyl Ether	2.17	74	33522	18.145	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	46623	18.181	ug/l 98
10) 1,1-Dichloroethene	2.35	96	45628	17.661	ug/l 96
11) Methyl Iodide	2.48	142	55739	17.032	ug/l 99
12) Methyl Acetate	2.75	43	56481	18.233	ug/l 96
13) Acrolein	2.28	56	43115	93.079	ug/l 99
14) Acrylonitrile	3.12	53	140174	92.771	ug/l 99
15) Acetone	2.42	58	38170	86.998	ug/l 98
16) Carbon Disulfide	2.54	76	116926	17.098	ug/l 99
17) Allyl chloride	2.70	41	68508	17.639	ug/l 98
18) Methylene Chloride	2.83	84	58061	18.581	ug/l 99
19) trans-1,2-Dichloroethene	3.14	96	52081	18.049	ug/l 96
20) Diisopropyl ether	3.82	45	152796	18.322	ug/l 95
21) 1,1-Dichloroethane	3.67	63	92582	18.244	ug/l 100
22) cis-1,2-Dichloroethene	4.56	96	60213	18.030	ug/l 97
23) tert-Butyl Alcohol	3.03	59	52885	81.497	ug/l # 100
24) Methyl tert-Butyl Ether	3.17	73	162248	18.265	ug/l 99
25) Chloroform	5.17	83	97136	18.224	ug/l 95
26) Cyclohexane	5.54	56	78029	17.962	ug/l # 97
29) 1,1-Dichloropropene	5.76	75	70157	17.760	ug/l 98
30) 2-Butanone	4.64	43	175159	87.777	ug/l 100
31) 2,2-Dichloropropane	4.54	77	71057	16.004	ug/l 99
32) 1,1,1-Trichloroethane	5.46	97	82288	17.757	ug/l 99
33) Carbon Tetrachloride	5.75	117	68504	17.418	ug/l 100
34) Benzene	6.11	78	221156	18.019	ug/l 100
35) Methacrylonitrile	5.01	41	37154	18.054	ug/l 96
36) 1,2-Dichloroethane	6.16	62	77687	18.287	ug/l 100
37) Trichloroethene	7.18	130	57019	17.524	ug/l 99
38) Methylcyclohexane	7.44	83	81229	17.015	ug/l 99
39) 1,2-Dichloropropane	7.49	63	55525	18.322	ug/l 99
40) Dibromomethane	7.63	93	37144	17.621	ug/l 96

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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.87	83	72915	17.601	ug/l	100
42) Vinyl Acetate	3.78	43	645674	89.955	ug/l	100
43) Ethyl Acetate	4.79	43	70566	18.372	ug/l	95
44) Isopropyl Acetate	6.41	43	111171	17.834	ug/l	100
45) 1,4-Dioxane	7.71	88	23841	341.194	ug/l	97
46) Methyl methacrylate	7.74	41	54713	17.933	ug/l	96
47) n-amyl Acetate	10.88	43	91149	17.522	ug/l	100
48) t-1,3-Dichloropropene	9.02	75	76743	17.061	ug/l	99
49) cis-1,3-Dichloropropene	8.42	75	86566	17.421	ug/l	99
50) 1,1,2-Trichloroethane	9.20	97	57448	18.198	ug/l	96
51) Ethyl methacrylate	9.16	69	80753	17.875	ug/l	96
52) 1,3-Dichloropropane	9.35	76	96621	18.326	ug/l	98
53) Dibromochloromethane	9.56	129	55312	17.579	ug/l	100
54) 1,2-Dibromoethane	9.65	107	60216	18.449	ug/l	100
55) 2-Chloroethyl vinyl ether	8.29	63	228111	91.762	ug/l	99
56) Bromoform	10.84	173	37545	16.838	ug/l	100
58) 4-Methyl-2-Pentanone	8.62	43	350296	91.052	ug/l	100
59) 2-Hexanone	9.48	43	259822	87.562	ug/l	100
61) Tetrachloroethene	9.32	164	58110	18.517	ug/l	98
62) Toluene	8.76	91	241389	17.921	ug/l	99
64) Chlorobenzene	10.12	112	150452	18.339	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.20	131	53796	17.812	ug/l	99
66) Ethyl Benzene	10.23	91	262919	17.814	ug/l	97
67) m/p-Xylenes	10.34	106	198744	35.955	ug/l	99
68) o-Xylene	10.68	106	95899	18.303	ug/l	97
69) Styrene	10.70	104	159551	17.873	ug/l	99
70) Isopropylbenzene	11.00	105	254984	17.952	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.25	83	85802	17.694	ug/l	99
72) 1,2,3-Trichloropropane	11.28	75	95542	21.917	ug/l	87
73) Bromobenzene	11.24	156	62399	17.614	ug/l	99
74) n-propylbenzene	11.34	91	291249	17.635	ug/l	99
75) 2-Chlorotoluene	11.40	91	178187	17.994	ug/l	100
76) 1,3,5-Trimethylbenzene	11.49	105	213168	17.712	ug/l	99
77) t-1,4-Dichloro-2-butene	11.05	75	22914	15.337	ug/l	92
78) 4-Chlorotoluene	11.49	91	203365	17.570	ug/l	100
79) tert-butylbenzene	11.76	119	198711	17.214	ug/l	99
80) 1,2,4-Trimethylbenzene	11.79	105	214556	17.740	ug/l	98
81) sec-Butylbenzene	11.93	105	241472	17.426	ug/l	100
82) p-Isopropyltoluene	12.05	119	217350	17.248	ug/l	99
83) 1,3-Dichlorobenzene	12.01	146	110813	16.957	ug/l	96
84) 1,4-Dichlorobenzene	12.08	146	112267	16.978	ug/l	98
85) n-Butylbenzene	12.37	91	186820	16.247	ug/l	99
86) Hexachloroethane	12.58	117	34693	16.357	ug/l	97
87) 1,2-Dichlorobenzene	12.37	146	110402	17.087	ug/l	97
88) 1,2-Dibromo-3-Chloropropan	12.98	75	16213	15.907	ug/l	98
89) 1,2,4-Trichlorobenzene	13.63	180	70190	16.276	ug/l	98
90) Hexachlorobutadiene	13.76	225	30672	15.823	ug/l	95
91) Naphthalene	13.82	128	225591	16.445	ug/l	99
92) 1,2,3-Trichlorobenzene	14.00	180	71000	16.468	ug/l	99

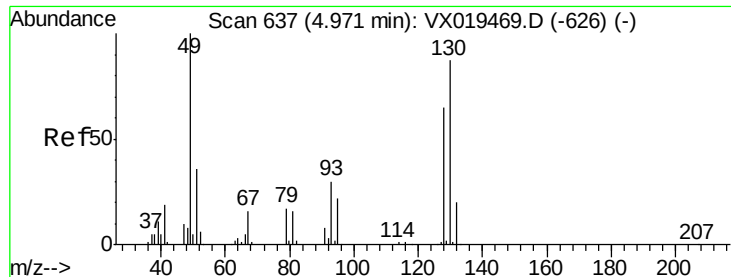
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 4.98 min Scan# 638

Delta R.T. 0.01 min

Lab File: VX019486.D

Acq: 19 Nov 2020 23:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

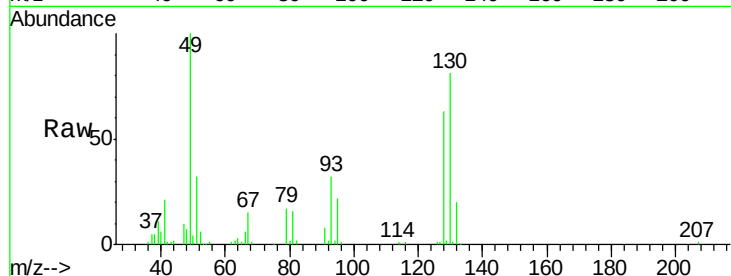
Tot Ion:128 Resp: 46666

Ion Ratio Lower Upper

128 100

49 153.2 0.0 377.8

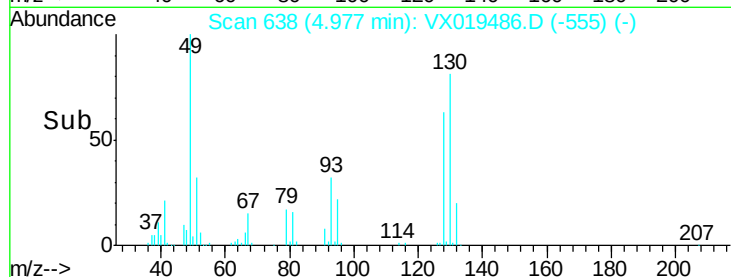
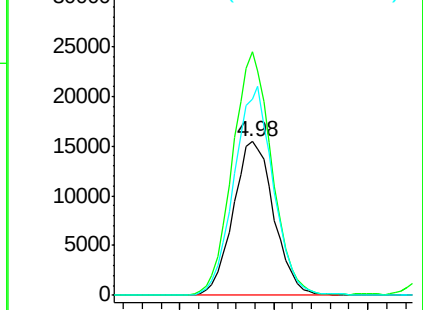
130 130.9 0.0 324.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 18.983 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.01 min

Lab File: VX019486.D

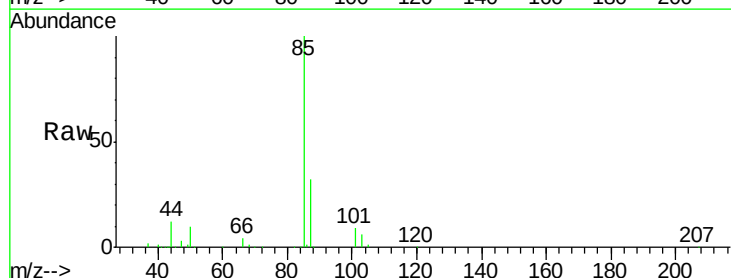
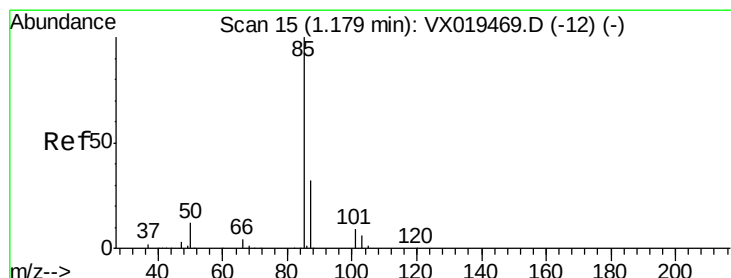
Acq: 19 Nov 2020 23:10

Tgt Ion: 85 Resp: 49239

Ion Ratio Lower Upper

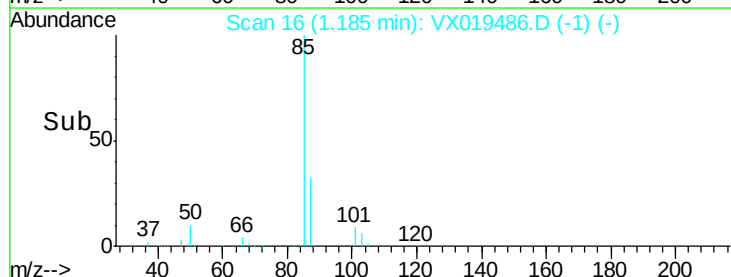
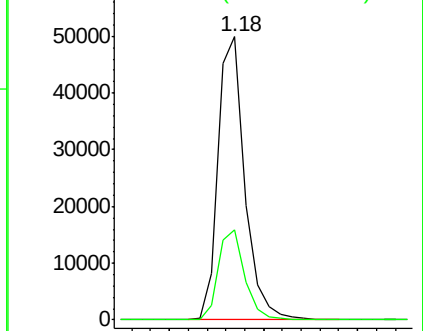
85 100

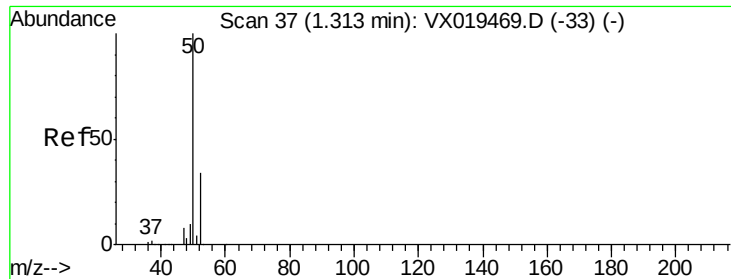
87 31.8 16.0 47.9



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#3

Chloromethane

Concen: 19.099 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX019486.D

Acq: 19 Nov 2020 23:10

Instrument :

MSVOA_X

ClientSampleId :

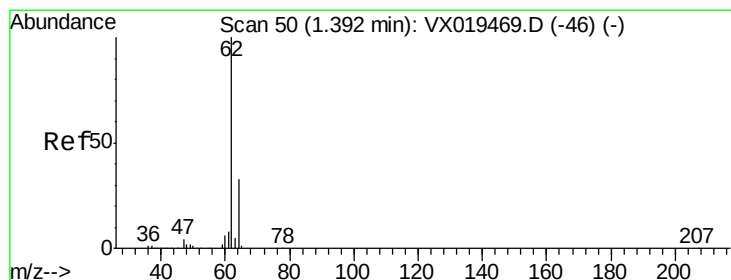
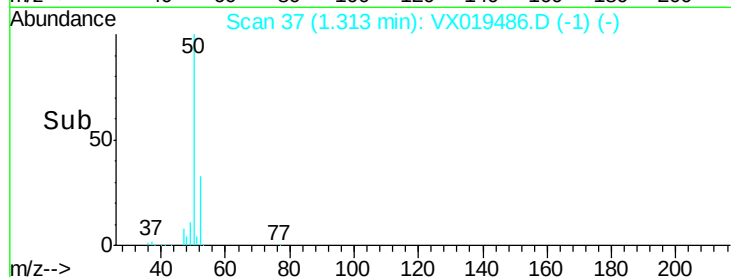
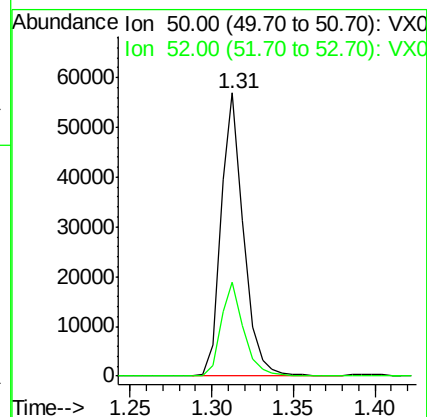
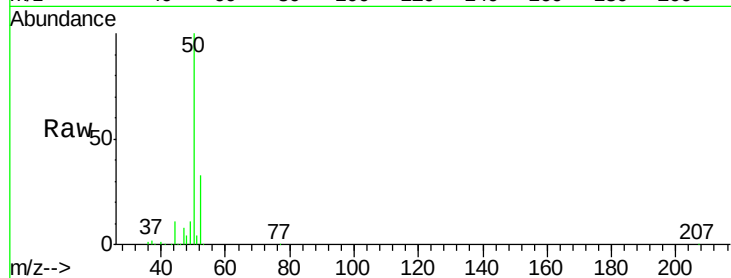
VSTDCCC020EC

Tot Ion: 50 Resp: 55082

Ion Ratio Lower Upper

50 100

52 33.0 27.5 41.3



#4

Vinyl Chloride

Concen: 18.544 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX019486.D

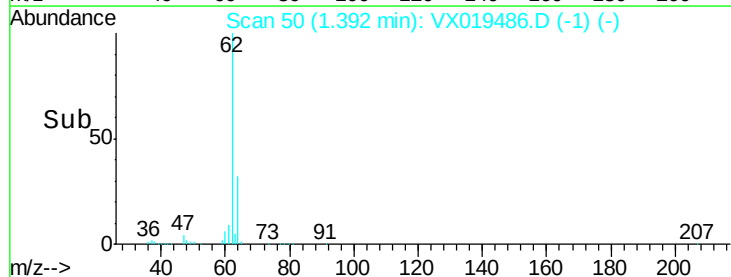
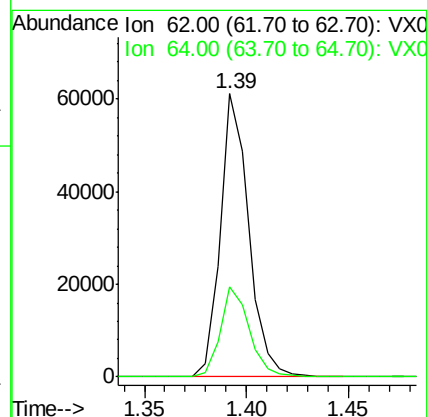
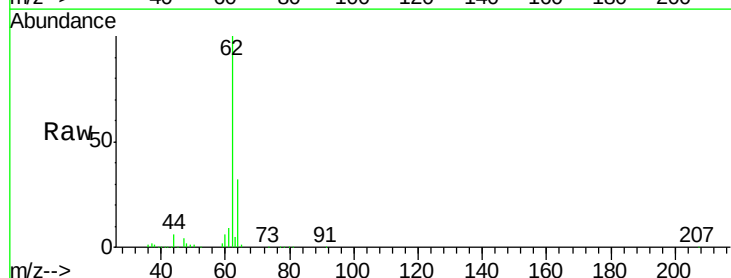
Acq: 19 Nov 2020 23:10

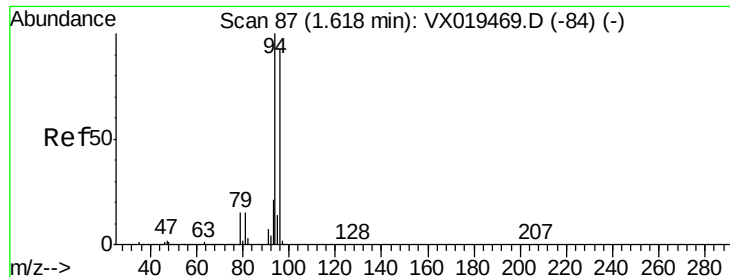
Tgt Ion: 62 Resp: 58940

Ion Ratio Lower Upper

62 100

64 31.8 26.4 39.6





#5

Bromomethane

Concen: 19.025 ug/l

RT: 1.62 min Scan# 87

Delta R.T. 0.00 min

Lab File: VX019486.D

Acq: 19 Nov 2020 23:10

Instrument :

MSVOA_X

ClientSampleId :

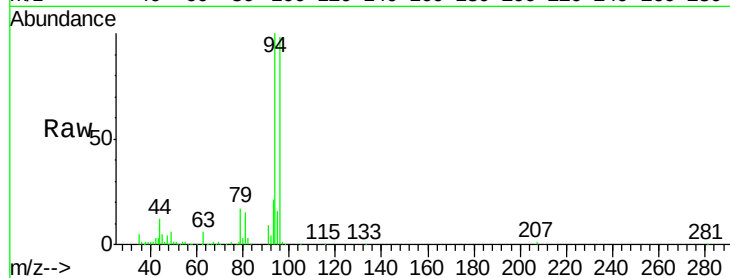
VSTDCCC020EC

Tot Ion: 94 Resp: 23028

Ion Ratio Lower Upper

94 100

96 98.0 74.6 111.8



Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0

25000

20000

15000

10000

5000

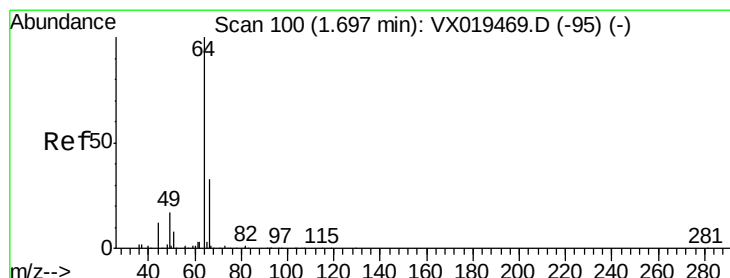
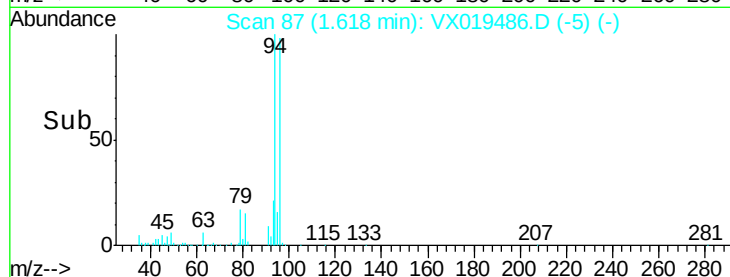
0

1.60

1.62

1.65

Time-->



#6

Chloroethane

Concen: 41.946 ug/l

RT: 1.69 min Scan# 99

Delta R.T. -0.01 min

Lab File: VX019486.D

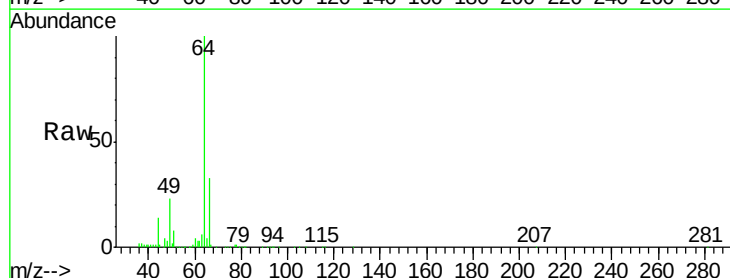
Acq: 19 Nov 2020 23:10

Tgt Ion: 64 Resp: 37907

Ion Ratio Lower Upper

64 100

66 33.1 26.6 40.0



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0

30000

20000

10000

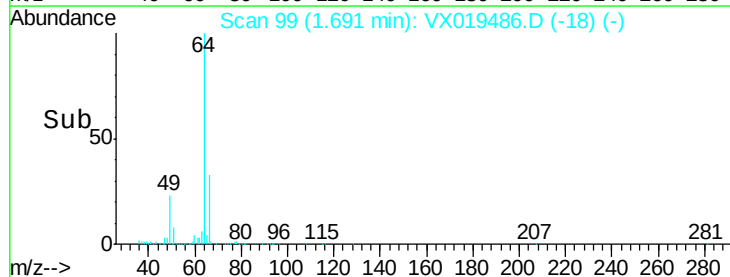
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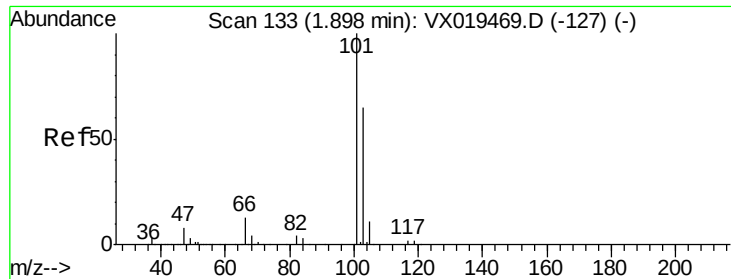
1.65

1.69

1.75

Time-->



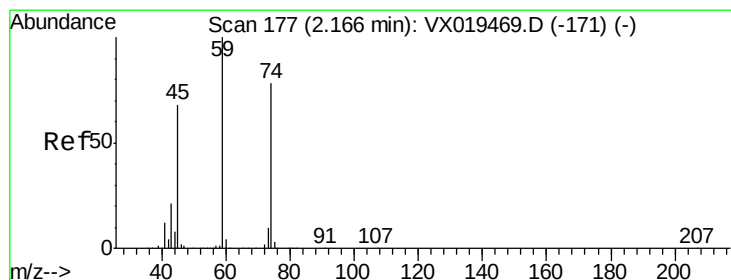
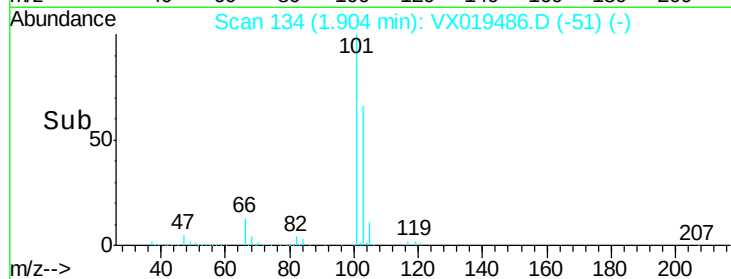
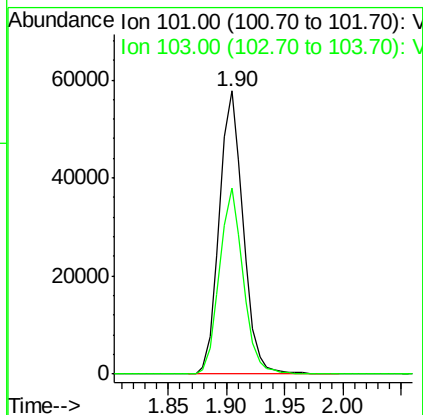
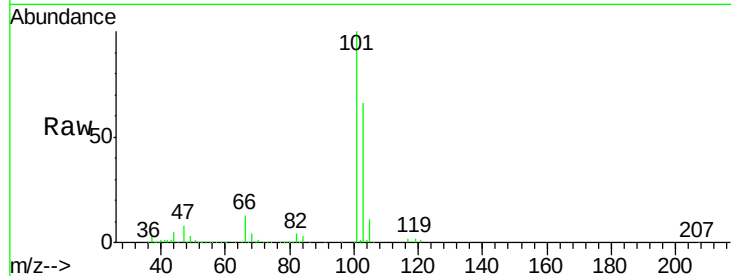


#7

Trichlorofluoromethane
 Concen: 18.024 ug/l
 RT: 1.90 min Scan# 134
 Delta R.T. 0.01 min
 Lab File: VX019486.D
 Acq: 19 Nov 2020 23:10

Instrument :
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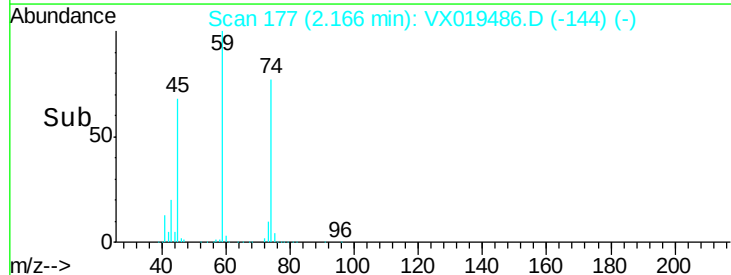
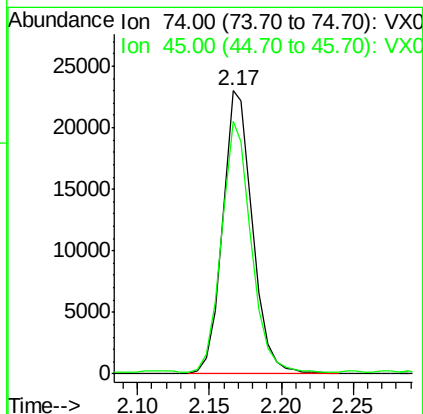
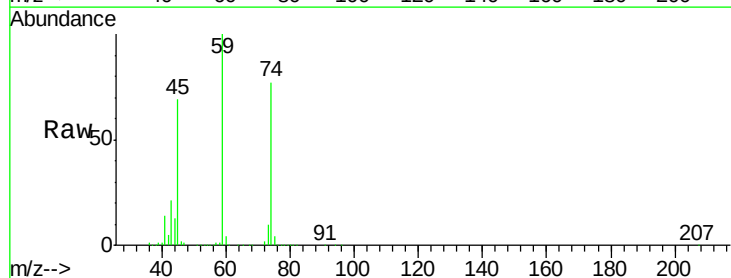
Tot Ion:101 Resp: 81626
 Ion Ratio Lower Upper
 101 100
 103 65.8 51.8 77.6

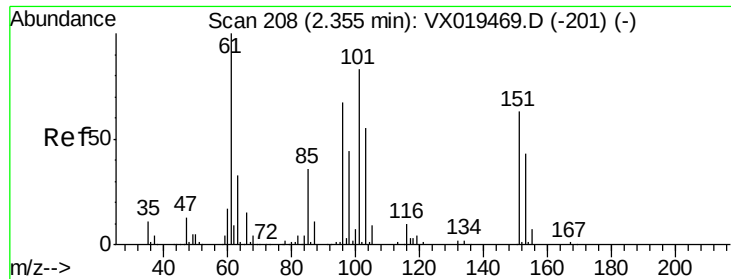


#8

Diethyl Ether
 Concen: 18.145 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. -0.00 min
 Lab File: VX019486.D
 Acq: 19 Nov 2020 23:10

Tgt Ion: 74 Resp: 33522
 Ion Ratio Lower Upper
 74 100
 45 87.8 17.2 155.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.181 ug/l

RT: 2.36 min Scan# 208

Delta R.T. -0.00 min

Lab File: VX019486.D

Acq: 19 Nov 2020 23:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

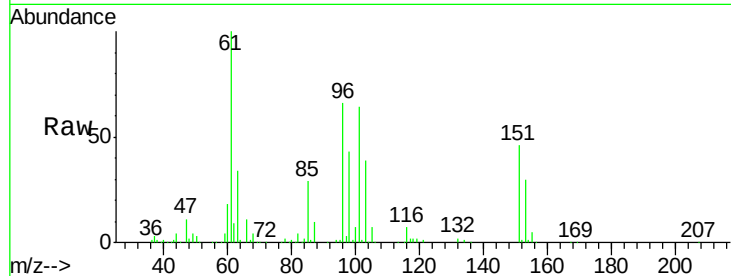
Tot Ion:101 Resp: 46623

Ion Ratio Lower Upper

101 100

85 43.0 0.0 88.8

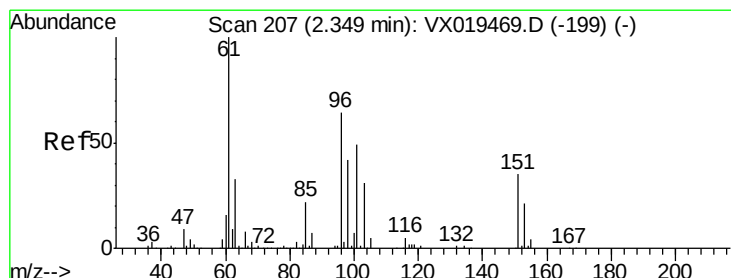
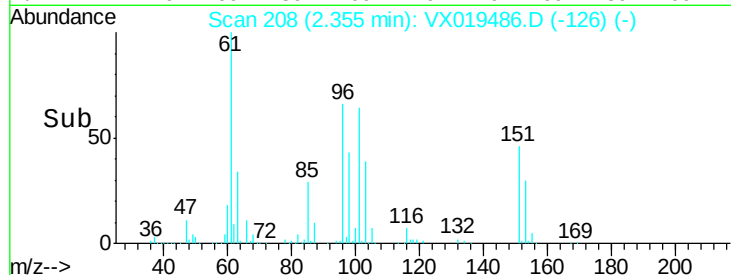
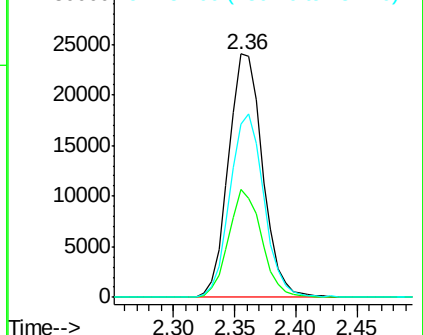
151 74.9 0.0 153.0



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VX0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 17.661 ug/l

RT: 2.35 min Scan# 207

Delta R.T. -0.00 min

Lab File: VX019486.D

Acq: 19 Nov 2020 23:10

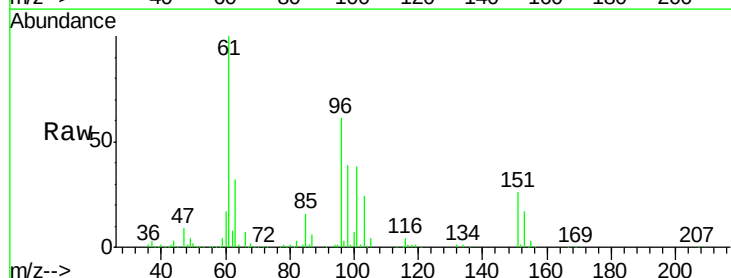
Tgt Ion: 96 Resp: 45628

Ion Ratio Lower Upper

96 100

61 164.1 125.4 188.2

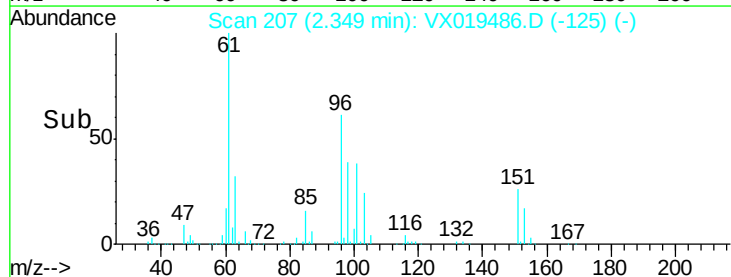
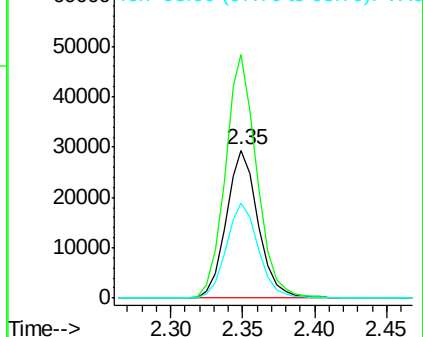
98 64.1 52.4 78.6

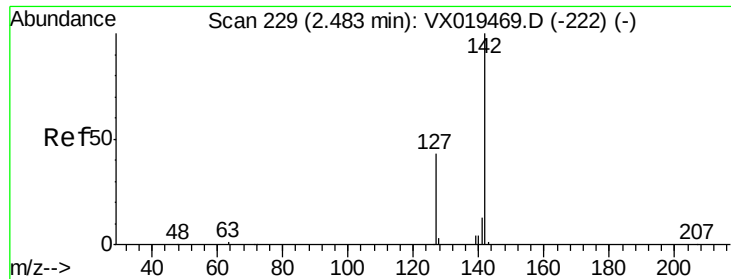


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

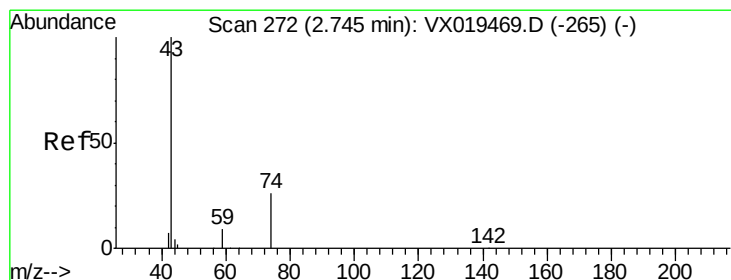
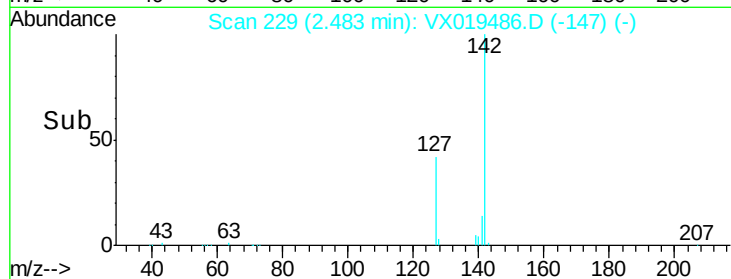
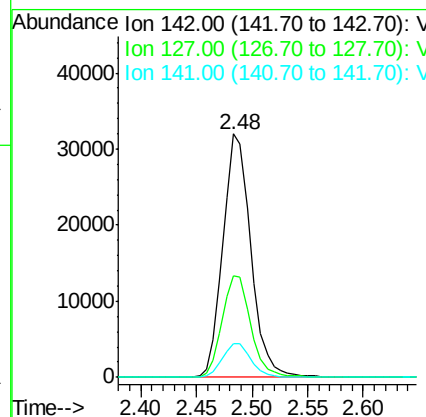
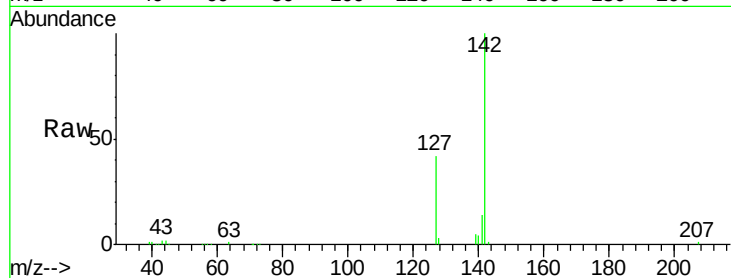




#11
Methvl Iodide
Concen: 17.032 ug/l
RT: 2.48 min Scan# 229
Delta R.T. -0.00 min
Lab File: VX019486.D
Acq: 19 Nov 2020 23:10

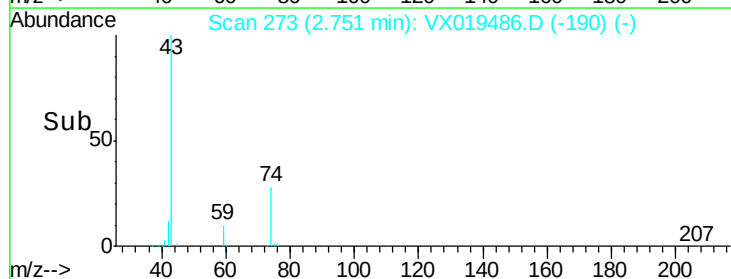
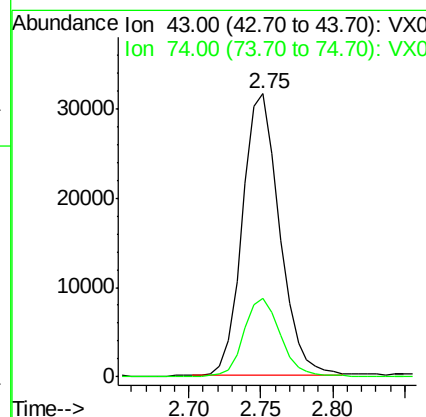
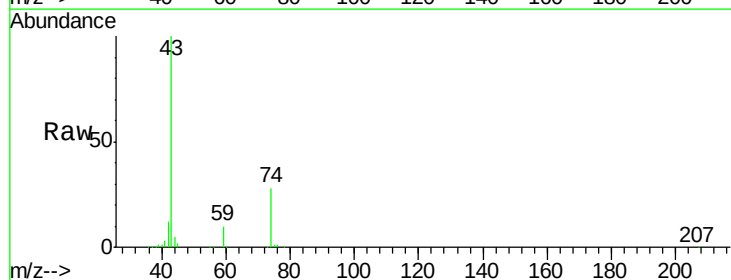
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

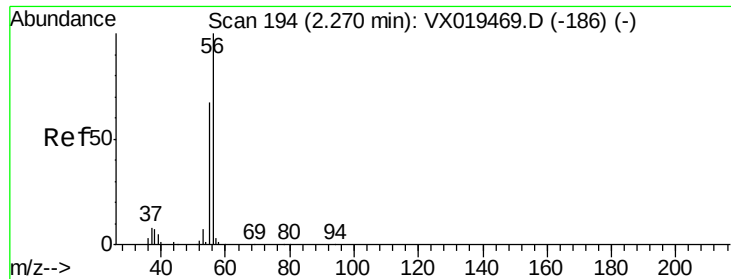
Tot Ion:142 Resp: 55739
Ion Ratio Lower Upper
142 100
127 41.9 21.3 64.0
141 13.9 6.7 20.0



#12
Methyl Acetate
Concen: 18.233 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.01 min
Lab File: VX019486.D
Acq: 19 Nov 2020 23:10

Tgt Ion: 43 Resp: 56481
Ion Ratio Lower Upper
43 100
74 27.8 20.7 31.1

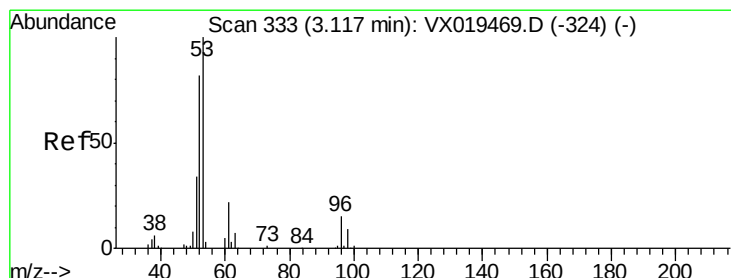
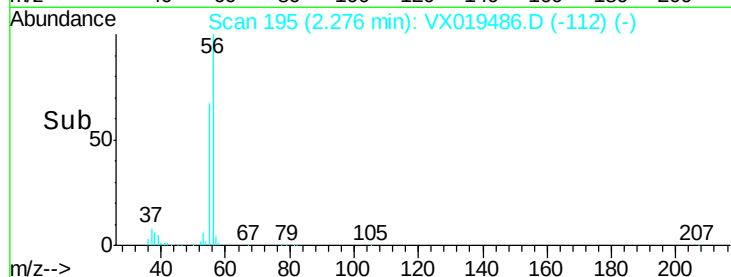
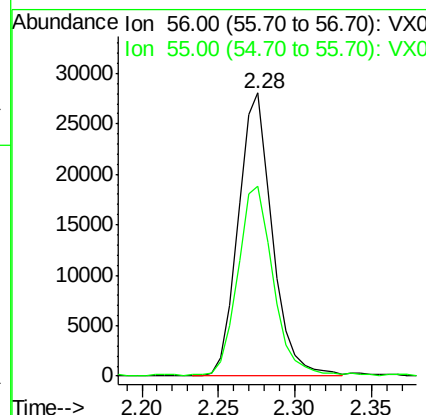
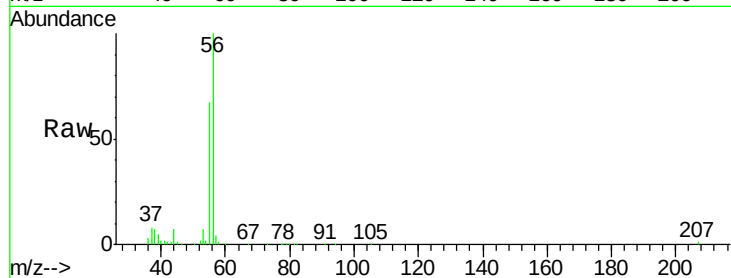




#13
Acrolein
Concen: 93.079 ug/l
RT: 2.28 min Scan# 195
Delta R.T. 0.01 min
Lab File: VX019486.D
Acq: 19 Nov 2020 23:10

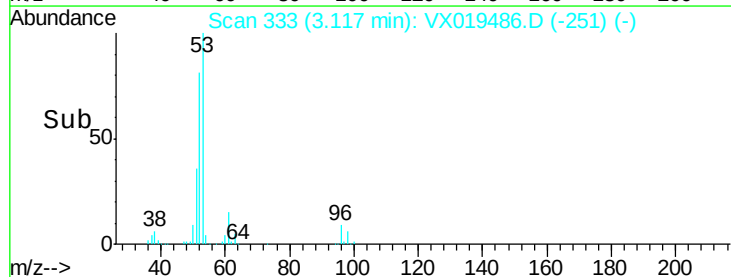
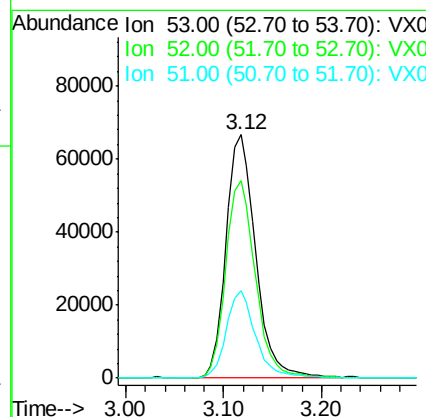
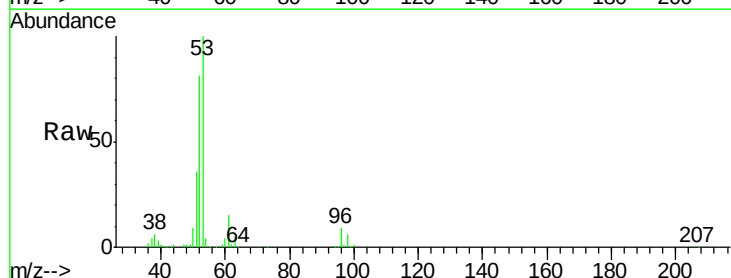
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

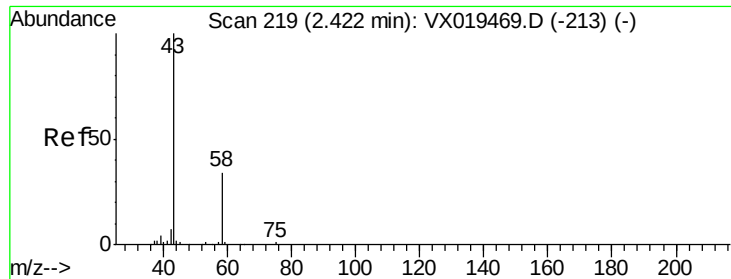
Tot Ion: 56 Resp: 43115
Ion Ratio Lower Upper
56 100
55 70.0 56.5 84.7



#14
Acrylonitrile
Concen: 92.771 ug/l
RT: 3.12 min Scan# 333
Delta R.T. -0.00 min
Lab File: VX019486.D
Acq: 19 Nov 2020 23:10

Tgt Ion: 53 Resp: 140174
Ion Ratio Lower Upper
53 100
52 81.3 41.3 123.7
51 35.8 17.8 53.3





#15

Acetone

Concen: 86.998 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX019486.D

Acq: 19 Nov 2020 23:10

Instrument :

MSVOA_X

ClientSampleId :

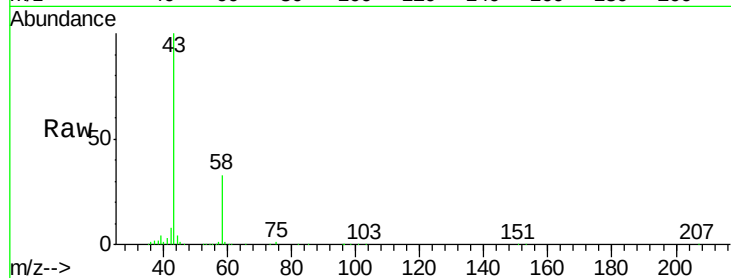
VSTDCCC020EC

Tot Ion: 58 Resp: 38170

Ion Ratio Lower Upper

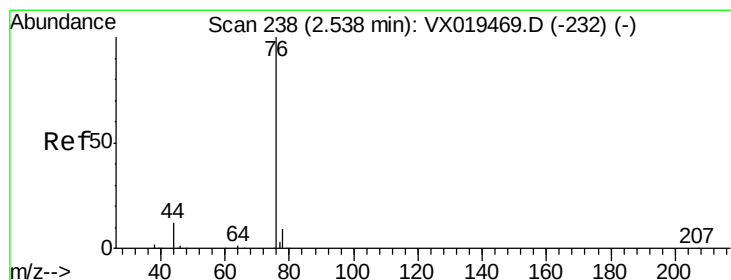
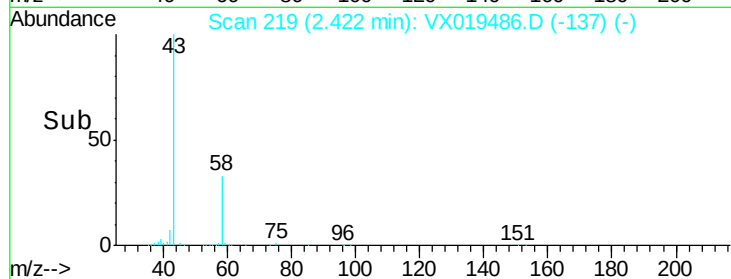
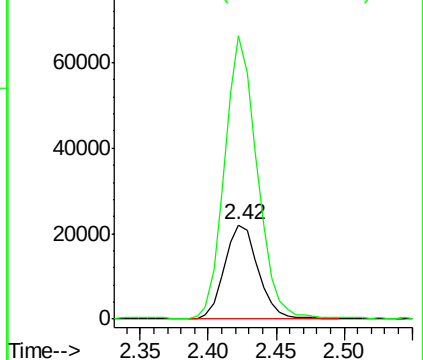
58 100

43 299.1 236.3 354.5



Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0



#16

Carbon Disulfide

Concen: 17.098 ug/l

RT: 2.54 min Scan# 239

Delta R.T. 0.01 min

Lab File: VX019486.D

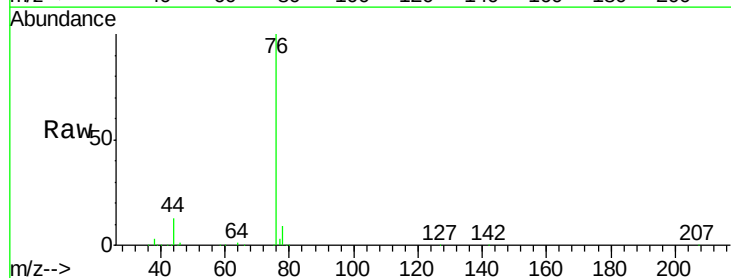
Acq: 19 Nov 2020 23:10

Tgt Ion: 76 Resp: 116926

Ion Ratio Lower Upper

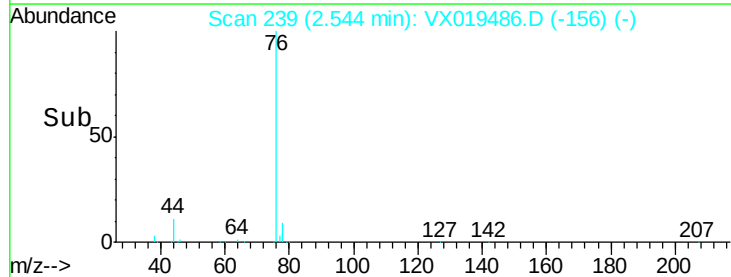
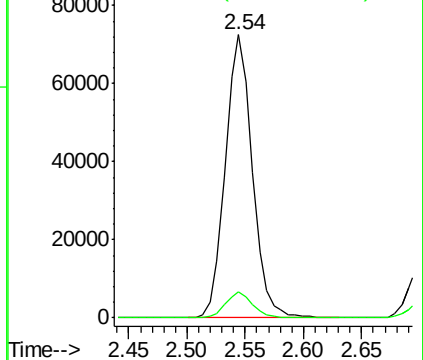
76 100

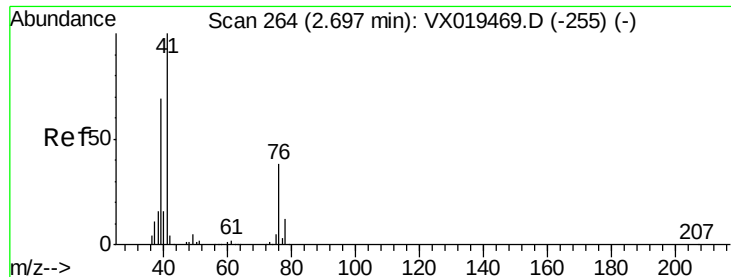
78 9.2 7.0 10.6



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0

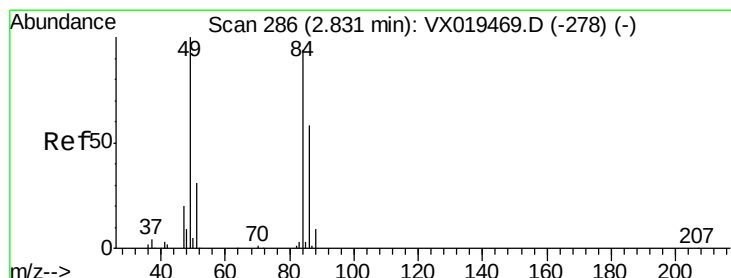
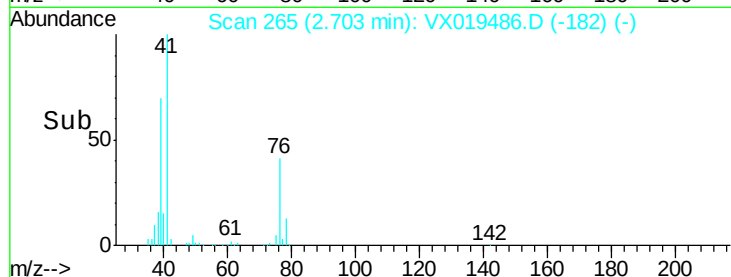
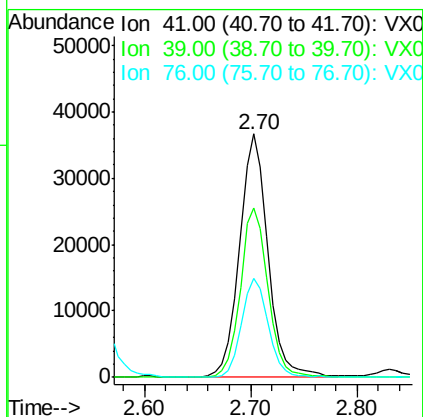
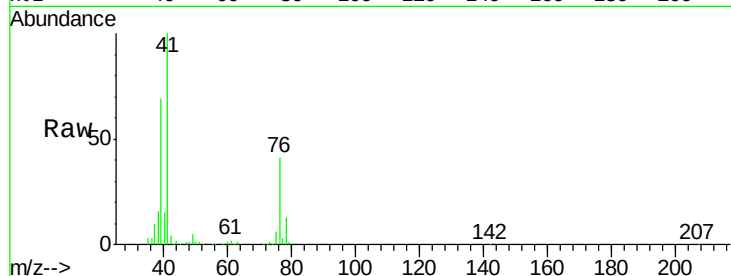




#17
Allvl chloride
Concen: 17.639 ug/l
RT: 2.70 min Scan# 265
Delta R.T. 0.01 min
Lab File: VX019486.D
Acq: 19 Nov 2020 23:10

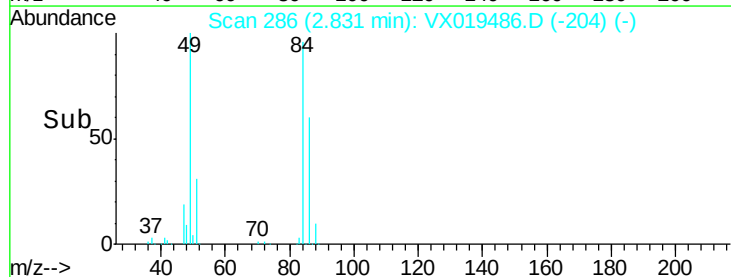
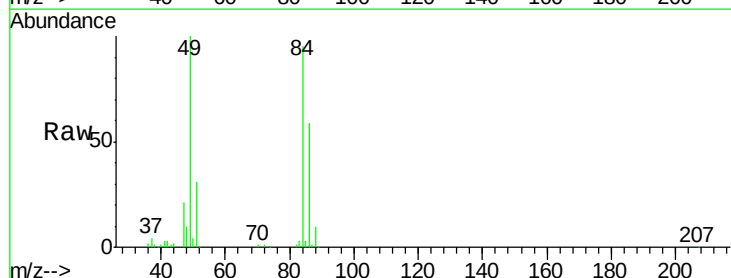
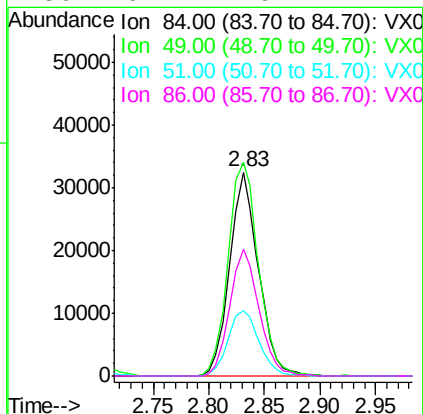
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

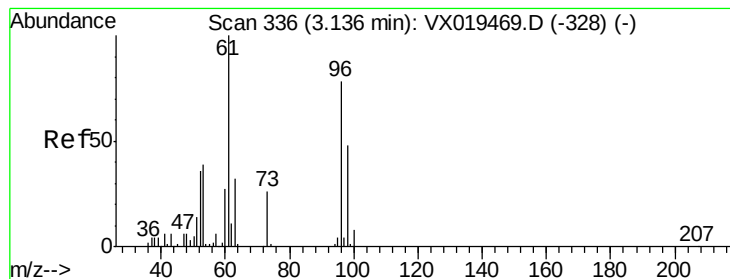
Tot Ion: 41 Resp: 68508
Ion Ratio Lower Upper
41 100
39 69.4 34.5 103.6
76 41.0 19.3 57.8



#18
Methylene Chloride
Concen: 18.581 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.00 min
Lab File: VX019486.D
Acq: 19 Nov 2020 23:10

Tgt Ion: 84 Resp: 58061
Ion Ratio Lower Upper
84 100
49 104.7 85.4 128.0
51 32.3 26.7 40.1
86 62.1 49.4 74.2





#19

trans-1,2-Dichloroethene

Concen: 18.049 ug/l

RT: 3.14 min Scan# 336

Delta R.T. -0.00 min

Lab File: VX019486.D

Acq: 19 Nov 2020 23:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

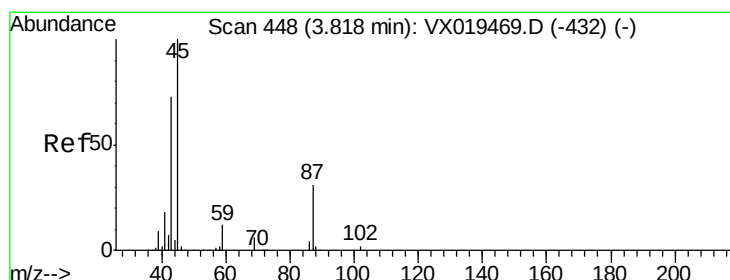
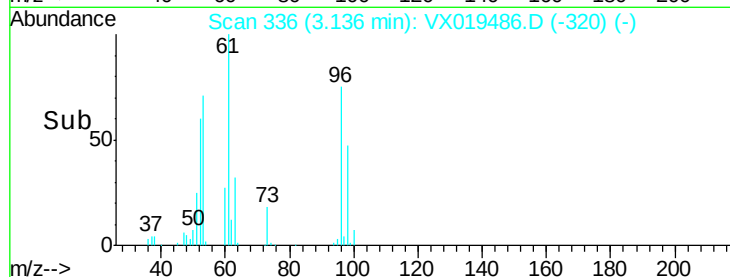
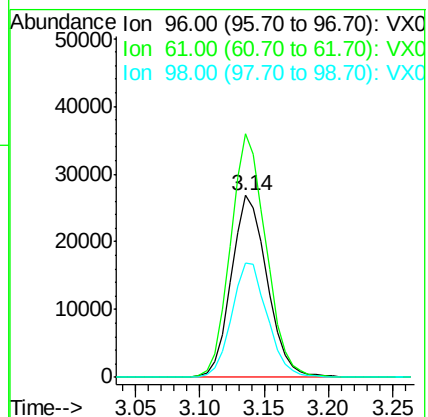
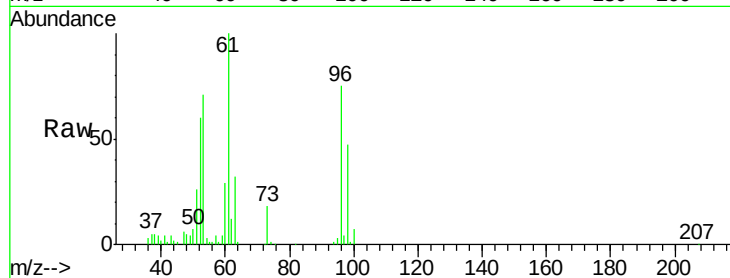
Tot Ion: 96 Resp: 52081

Ion Ratio Lower Upper

96 100

61 134.0 103.2 154.8

98 63.2 49.2 73.8



#20

Diisopropyl ether

Concen: 18.322 ug/l

RT: 3.82 min Scan# 449

Delta R.T. 0.01 min

Lab File: VX019486.D

Acq: 19 Nov 2020 23:10

Tgt Ion: 45 Resp: 152796

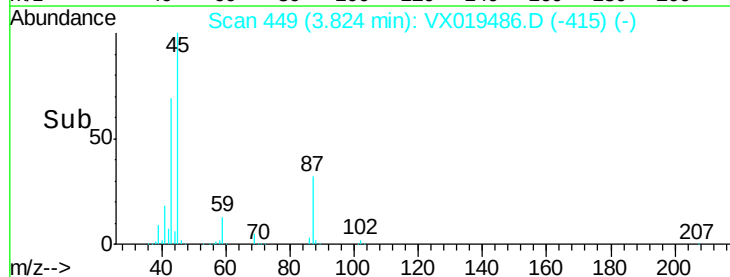
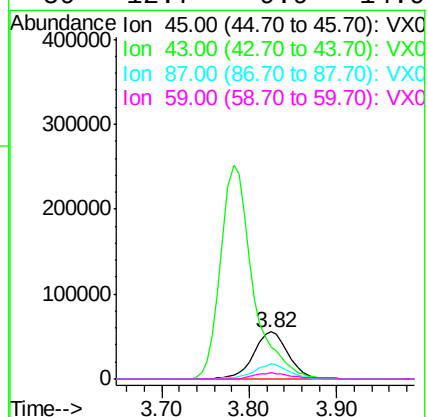
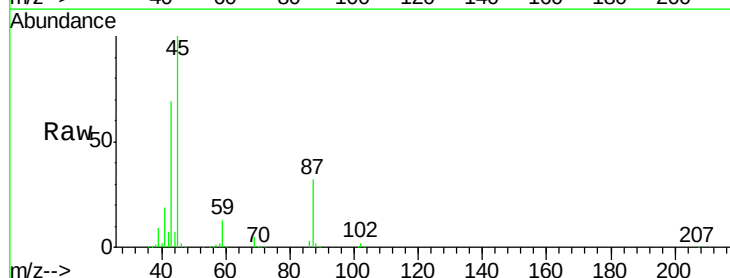
Ion Ratio Lower Upper

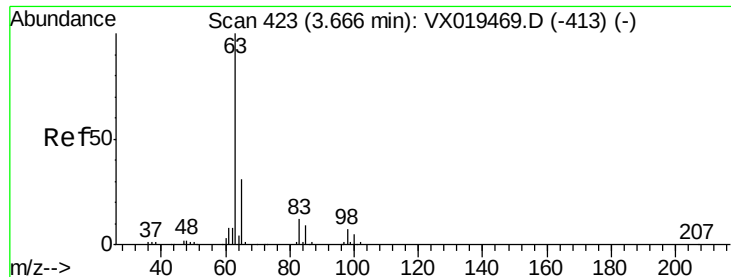
45 100

43 68.5 58.7 88.1

87 32.4 24.5 36.7

59 12.7 9.9 14.9

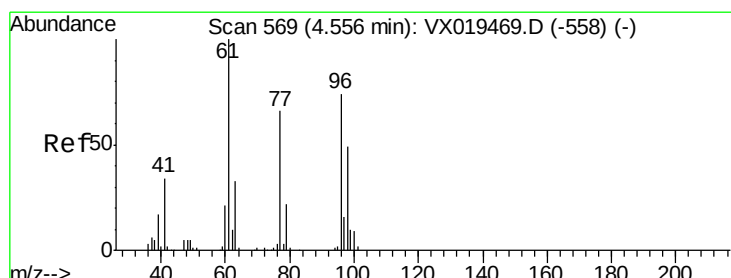
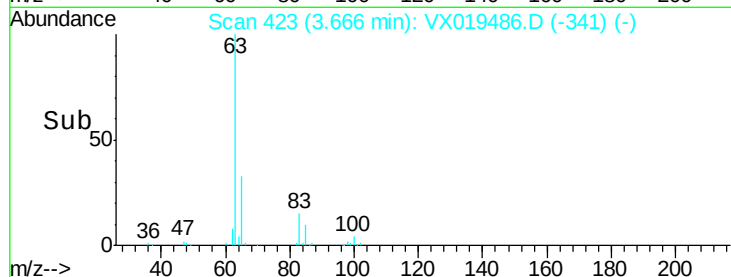
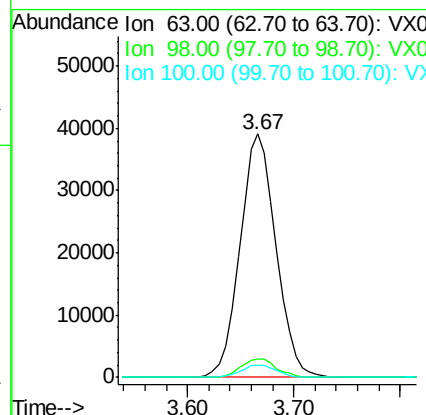
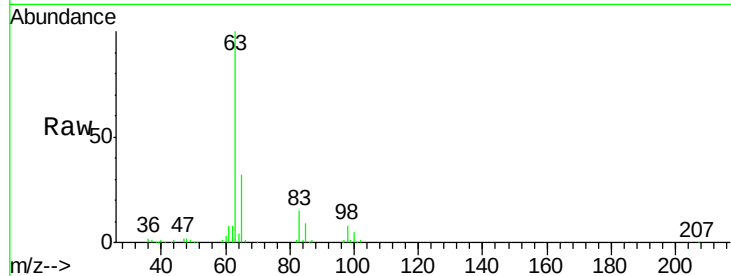




#21
 1,1-Dichloroethane
 Concen: 18.244 ug/l
 RT: 3.67 min Scan# 423
 Delta R.T. -0.00 min
 Lab File: VX019486.D
 Acq: 19 Nov 2020 23:10

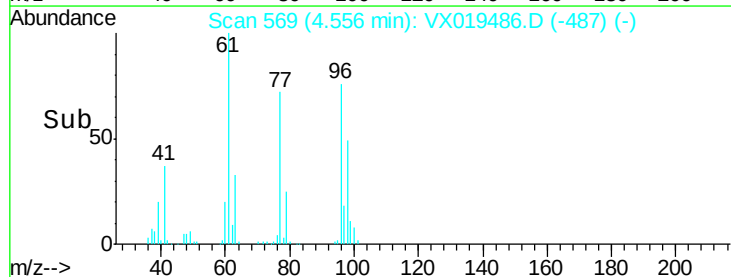
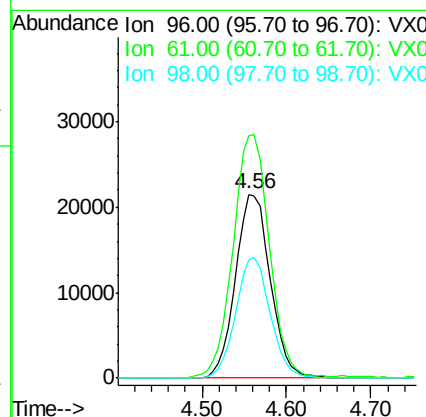
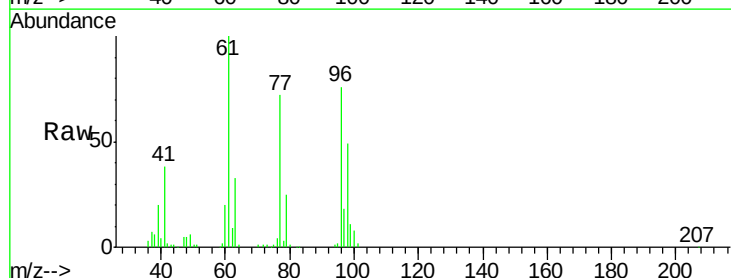
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

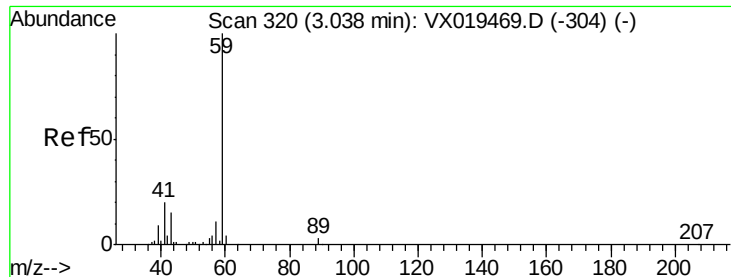
Tot Ion:	63	Resp:	92582
Ion	Ratio	Lower	Upper
63	100		
98	7.6	3.8	11.2
100	4.8	2.4	7.1



#22
 cis-1,2-Dichloroethene
 Concen: 18.030 ug/l
 RT: 4.56 min Scan# 569
 Delta R.T. -0.00 min
 Lab File: VX019486.D
 Acq: 19 Nov 2020 23:10

Tgt Ion:	96	Resp:	60213
Ion	Ratio	Lower	Upper
96	100		
61	137.3	114.2	171.2
98	64.8	51.7	77.5





#23

tert-Butyl Alcohol

Concen: 81.497 ug/l

RT: 3.03 min Scan# 319

Delta R.T. -0.01 min

Lab File: VX019486.D

Acq: 19 Nov 2020 23:10

Instrument :

MSVOA_X

ClientSampleId :

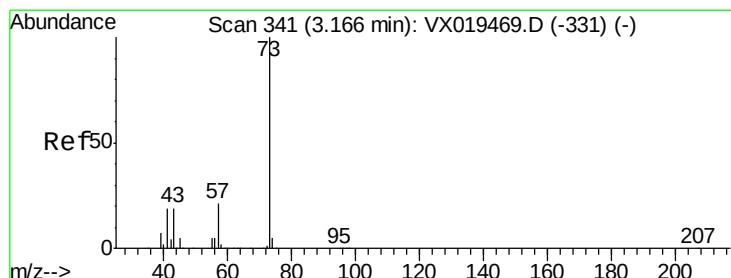
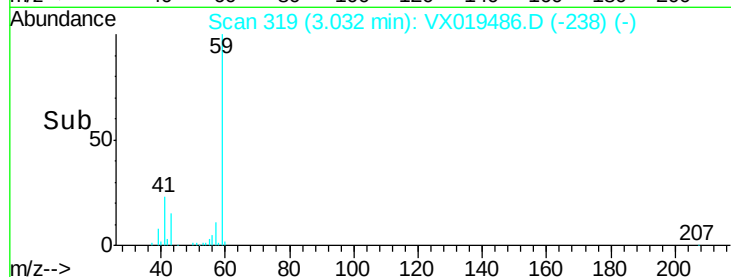
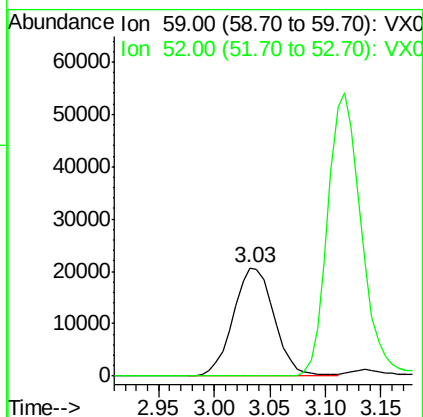
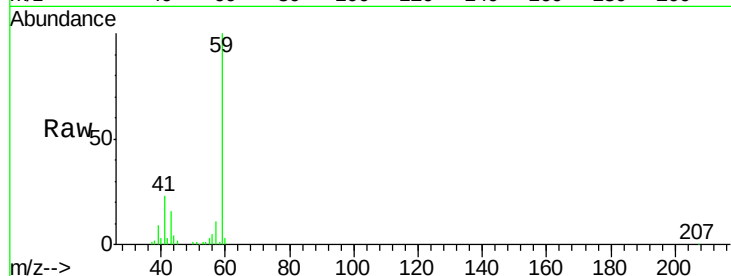
VSTDCCC020EC

Tot Ion: 59 Resp: 52885

Ion Ratio Lower Upper

59 100

52 0.3 0.2 0.2#



#24

Methyl tert-Butyl Ether

Concen: 18.265 ug/l

RT: 3.17 min Scan# 341

Delta R.T. -0.00 min

Lab File: VX019486.D

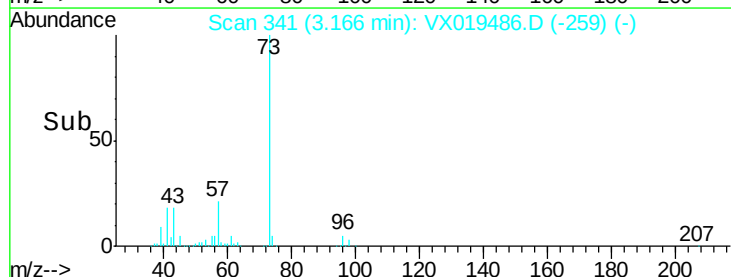
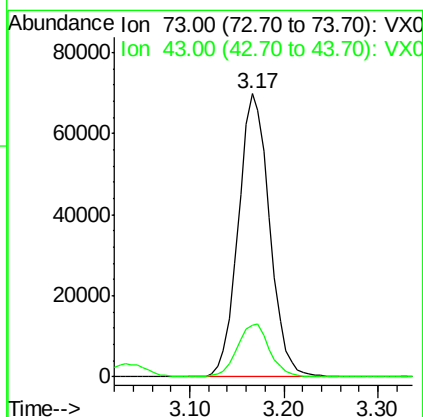
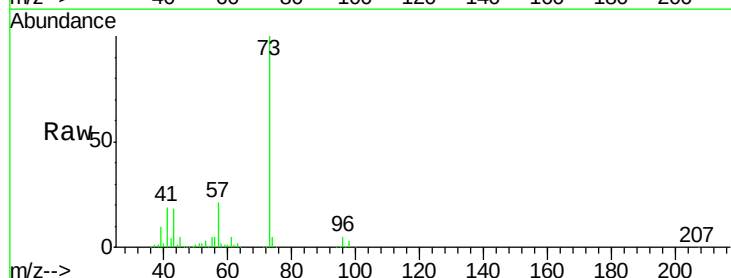
Acq: 19 Nov 2020 23:10

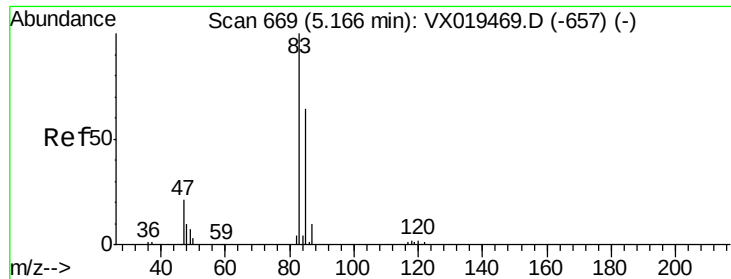
Tgt Ion: 73 Resp: 162248

Ion Ratio Lower Upper

73 100

43 19.1 15.0 22.6





#25

Chloroform

Concen: 18.224 ug/l

RT: 5.17 min Scan# 670

Delta R.T. 0.01 min

Lab File: VX019486.D

Acq: 19 Nov 2020 23:10

Instrument :

MSVOA_X

ClientSampleId :

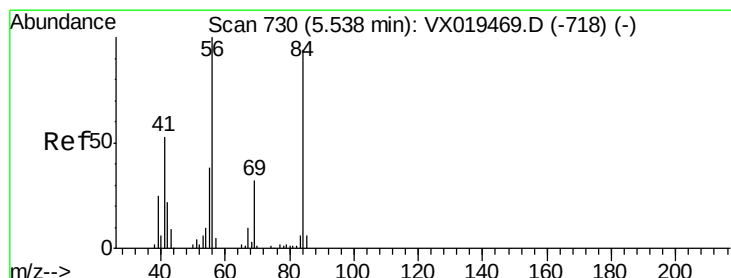
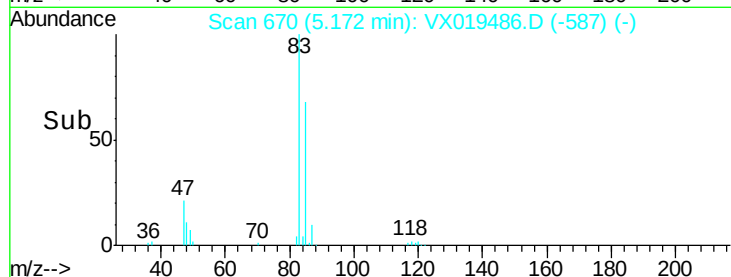
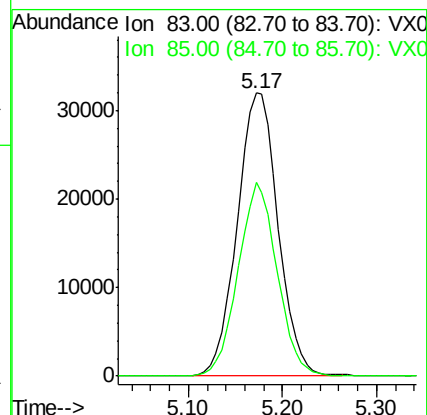
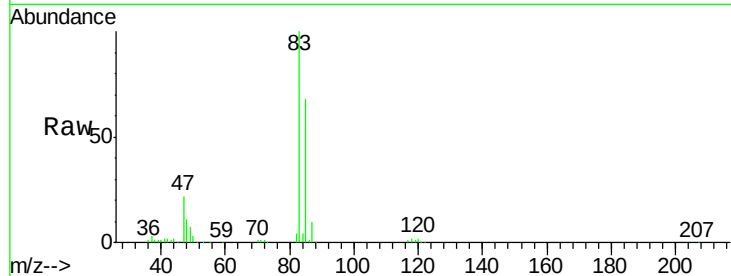
VSTDCCC020EC

Tot Ion: 83 Resp: 97136

Ion Ratio Lower Upper

83 100

85 68.2 51.4 77.0



#26

Cyclohexane

Concen: 17.962 ug/l

RT: 5.54 min Scan# 731

Delta R.T. 0.01 min

Lab File: VX019486.D

Acq: 19 Nov 2020 23:10

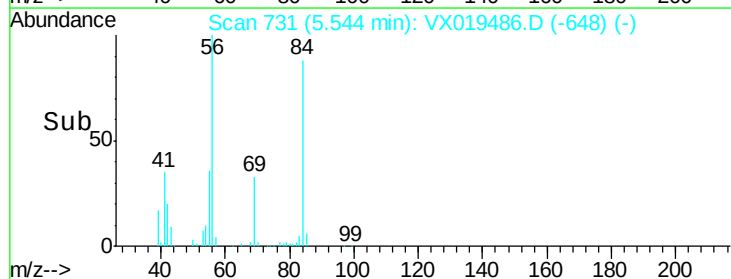
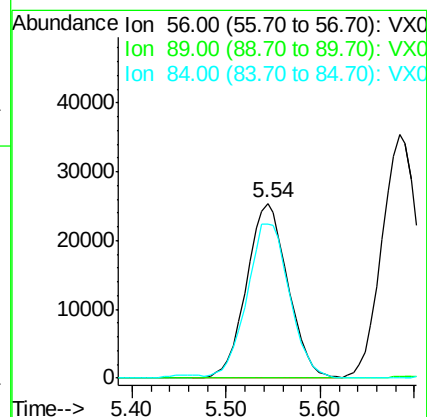
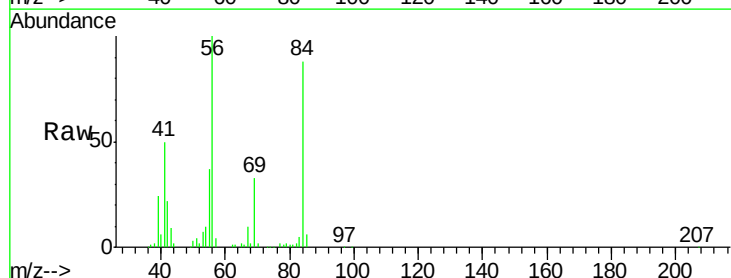
Tgt Ion: 56 Resp: 78029

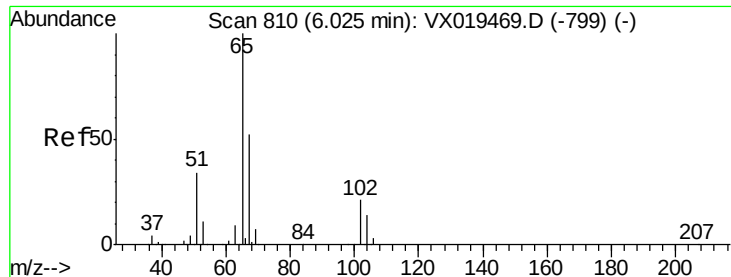
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 91.1 75.2 112.8

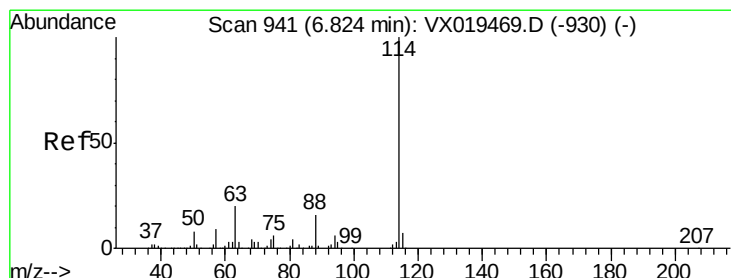
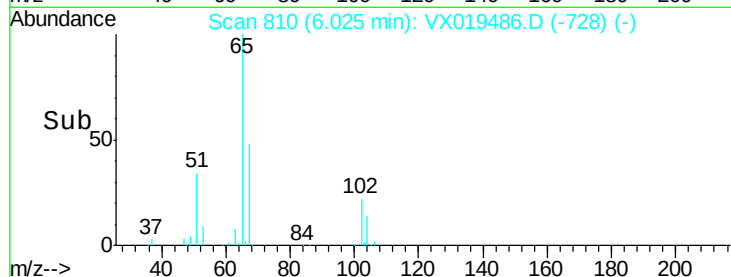
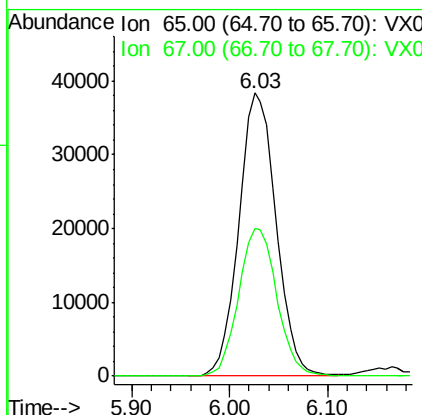
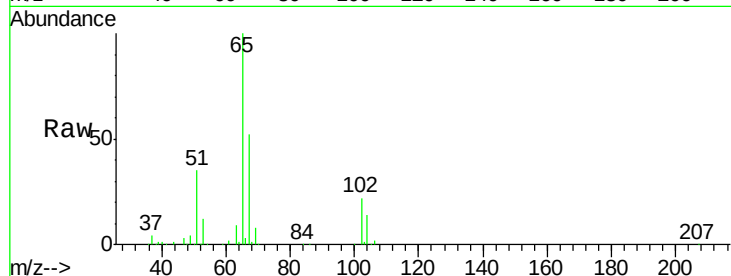




#27
 1,2-Dichloroethane-d4
 Concen: 30.265 ug/l
 RT: 6.03 min Scan# 810
 Delta R.T. -0.00 min
 Lab File: VX019486.D
 Acq: 19 Nov 2020 23:10

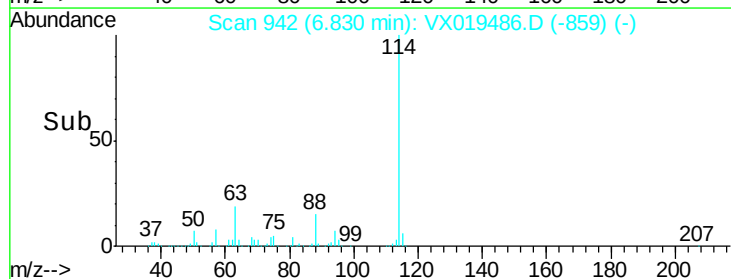
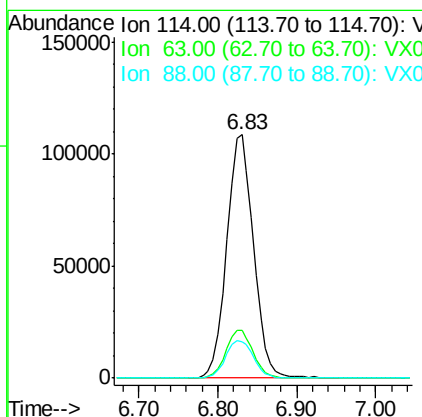
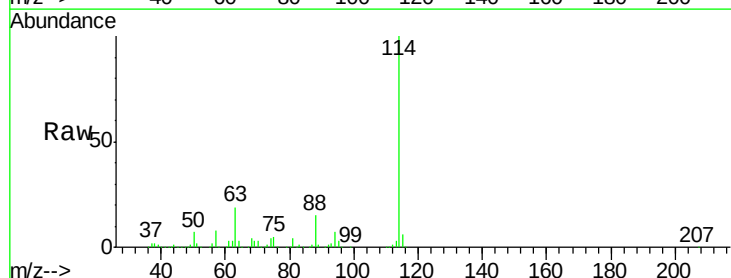
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

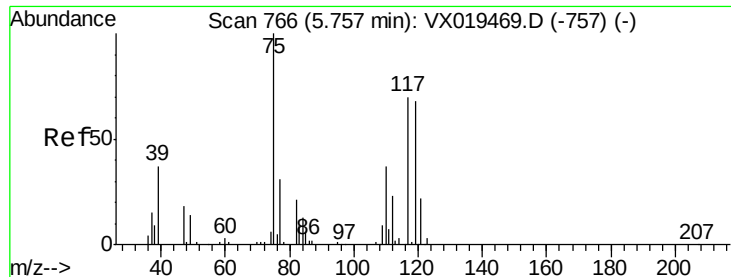
Tot Ion: 65 Resp: 101508
 Ion Ratio Lower Upper
 65 100
 67 53.4 42.2 63.2



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. 0.01 min
 Lab File: VX019486.D
 Acq: 19 Nov 2020 23:10

Tgt Ion: 114 Resp: 257098
 Ion Ratio Lower Upper
 114 100
 63 19.8 16.2 24.2
 88 16.0 12.9 19.3

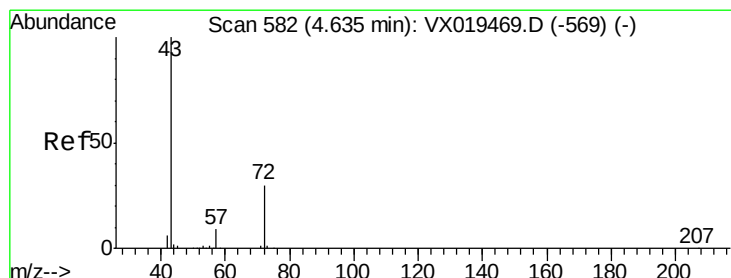
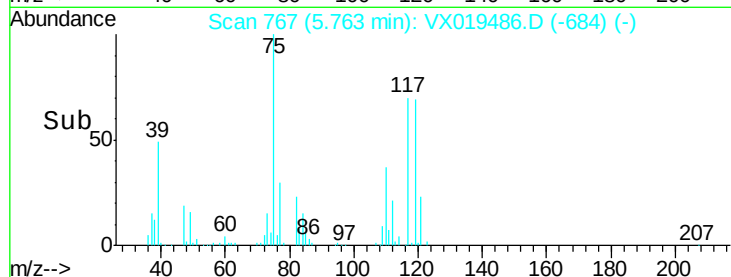
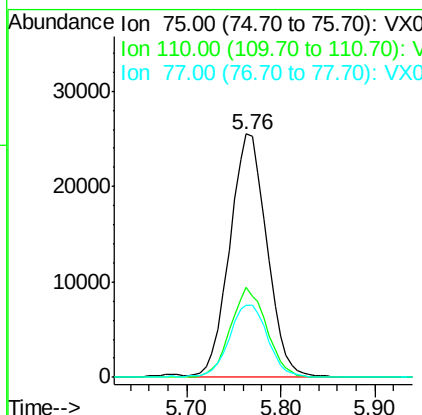
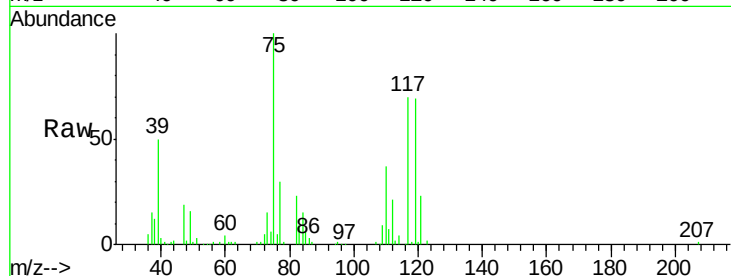




#29
 1,1-Dichloropropene
 Concen: 17.760 ug/l
 RT: 5.76 min Scan# 767
 Delta R.T. 0.01 min
 Lab File: VX019486.D
 Acq: 19 Nov 2020 23:10

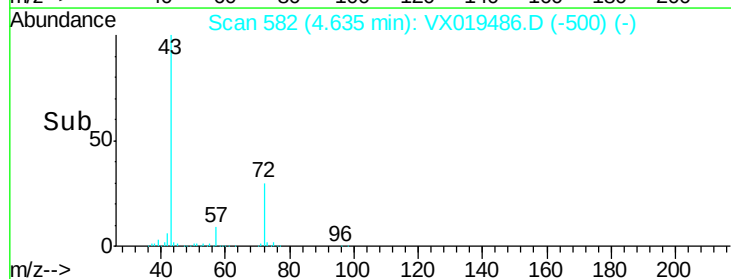
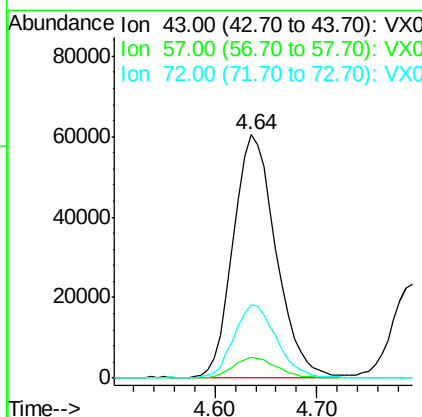
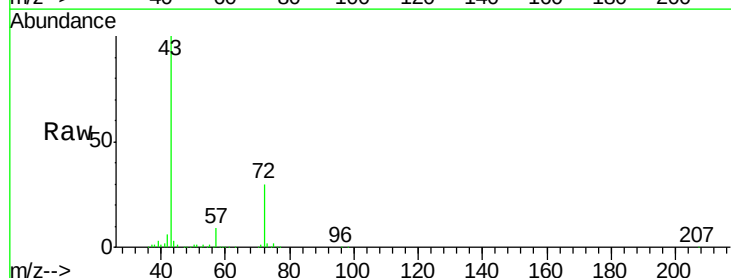
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

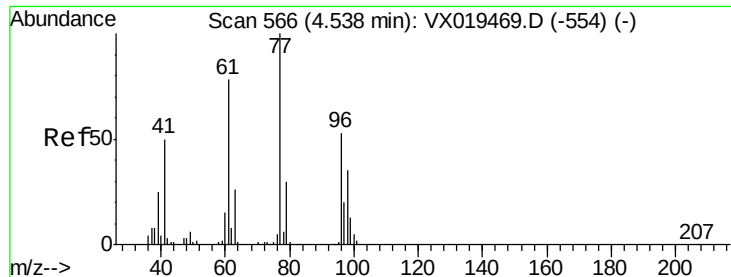
Tot Ion	Ratio	Lower	Upper
75	100		
110	35.8	0.0	74.0
77	30.8	0.0	63.6



#30
 2-Butanone
 Concen: 87.777 ug/l
 RT: 4.64 min Scan# 582
 Delta R.T. -0.00 min
 Lab File: VX019486.D
 Acq: 19 Nov 2020 23:10

Tgt Ion	Ratio	Lower	Upper
43	100		
57	8.8	7.4	11.0
72	30.2	24.2	36.2





#31

2,2-Dichloropropane

Concen: 16.004 ug/l

RT: 4.54 min Scan# 567

Delta R.T. 0.01 min

Lab File: VX019486.D

Acq: 19 Nov 2020 23:10

Instrument :

MSVOA_X

ClientSampleId :

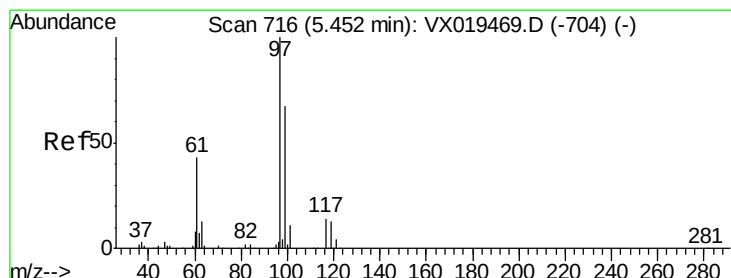
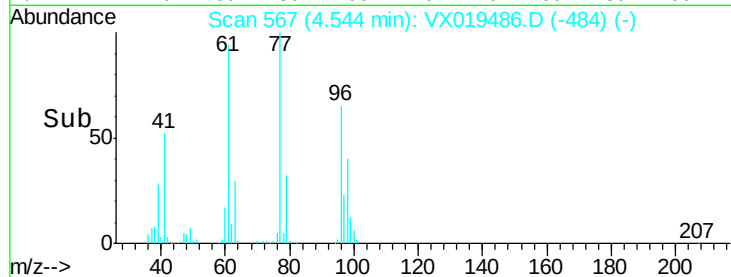
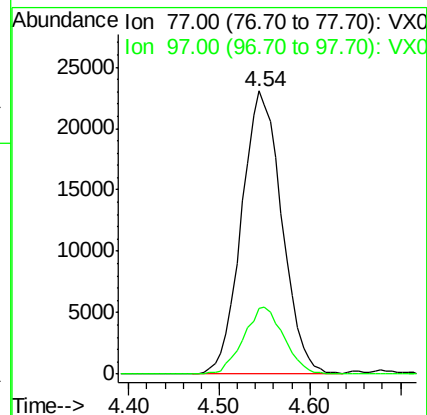
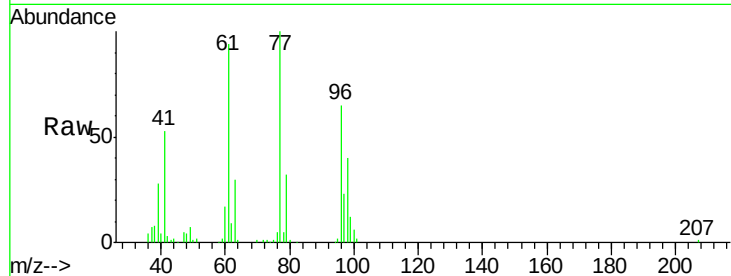
VSTDCCC020EC

Tot Ion: 77 Resp: 71057

Ion Ratio Lower Upper

77 100

97 23.6 18.6 27.8



#32

1,1,1-Trichloroethane

Concen: 17.757 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.01 min

Lab File: VX019486.D

Acq: 19 Nov 2020 23:10

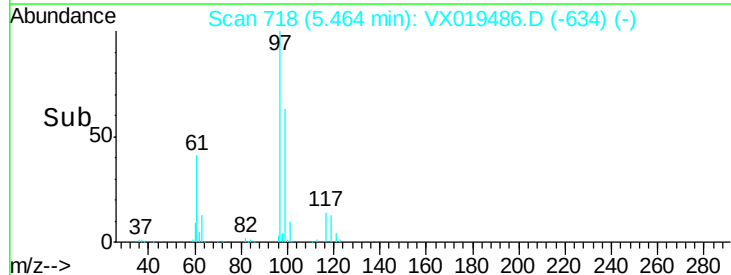
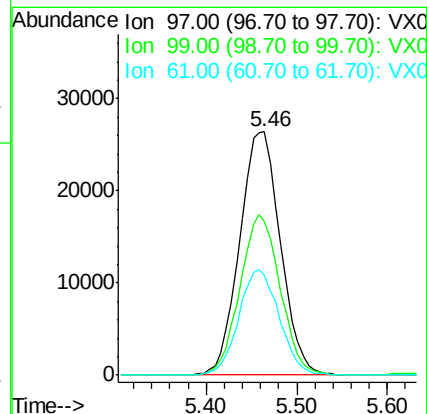
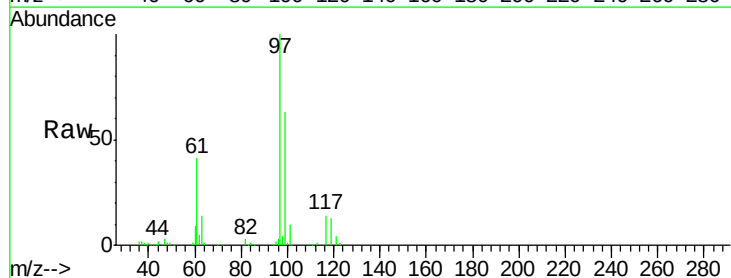
Tgt Ion: 97 Resp: 82288

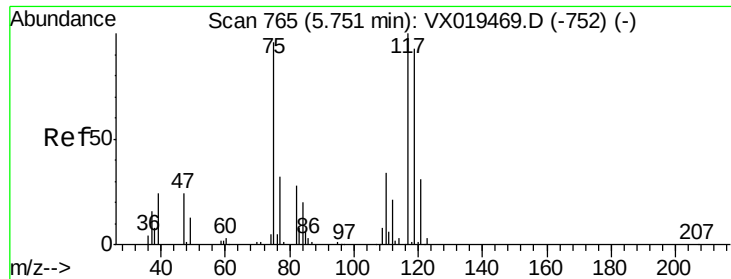
Ion Ratio Lower Upper

97 100

99 65.0 52.3 78.5

61 43.1 34.9 52.3

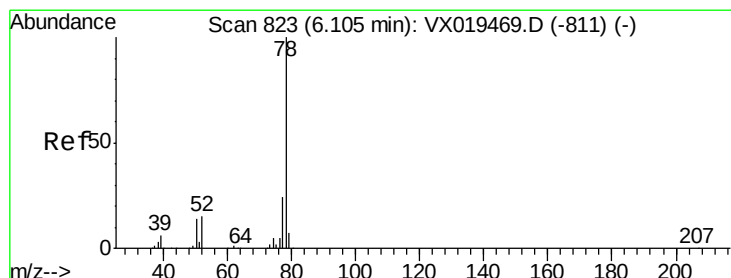
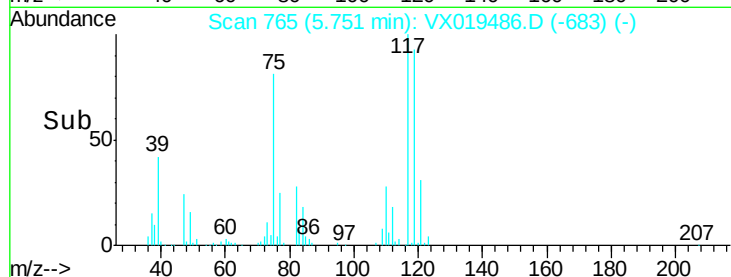
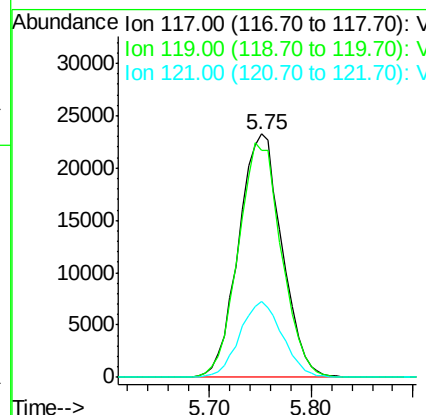
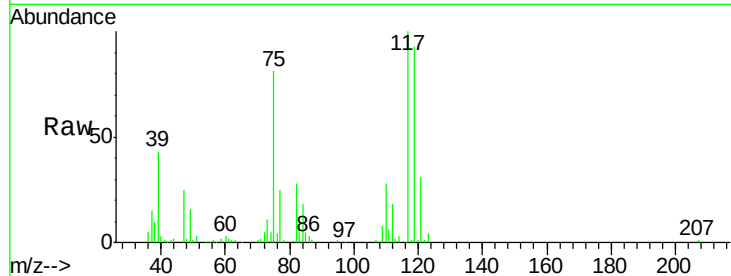




#33
Carbon Tetrachloride
Concen: 17.418 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX019486.D
Acq: 19 Nov 2020 23:10

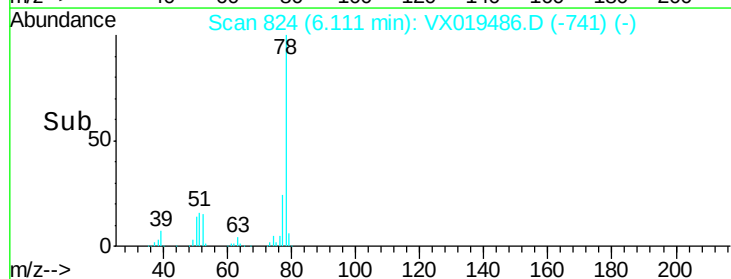
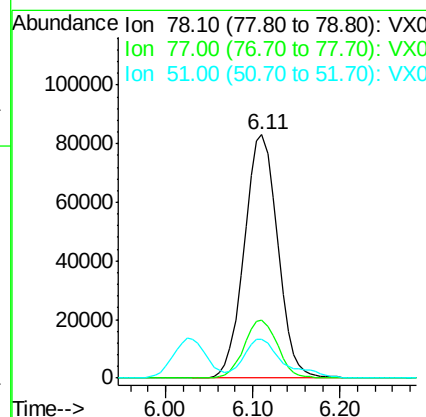
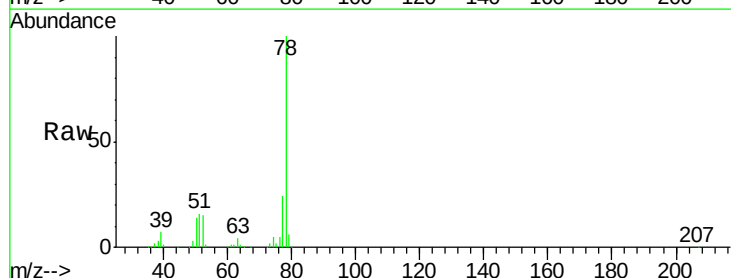
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

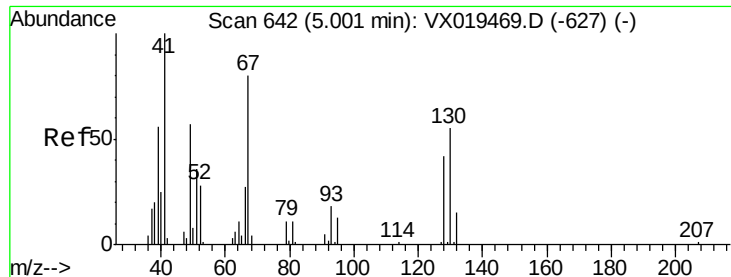
Tot Ion:117 Resp: 68504
Ion Ratio Lower Upper
117 100
119 92.8 74.2 111.4
121 31.0 25.0 37.4



#34
Benzene
Concen: 18.019 ug/l
RT: 6.11 min Scan# 824
Delta R.T. 0.01 min
Lab File: VX019486.D
Acq: 19 Nov 2020 23:10

Tgt Ion: 78 Resp: 221156
Ion Ratio Lower Upper
78 100
77 23.7 19.0 28.6
51 15.9 12.7 19.1

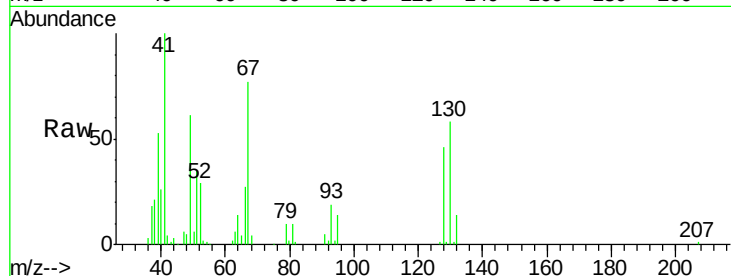




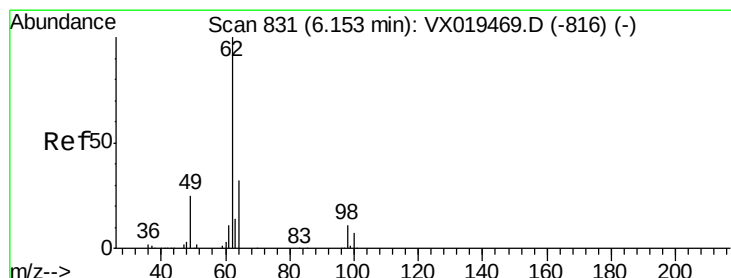
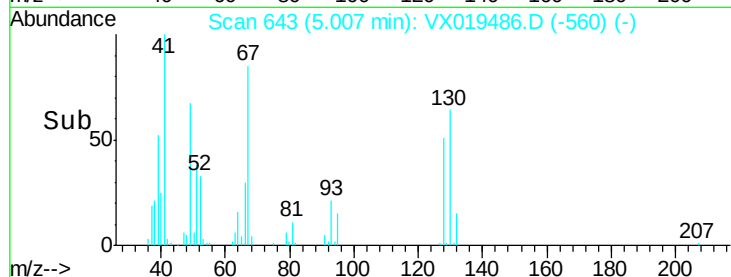
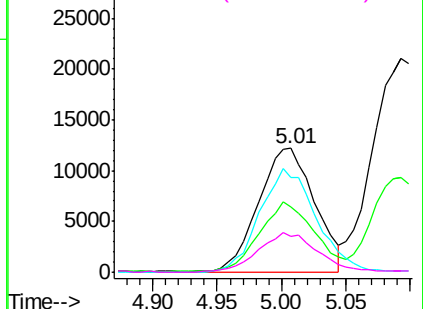
#35
Methacrylonitrile
Concen: 18.054 ug/l
RT: 5.01 min Scan# 643
Delta R.T. 0.01 min
Lab File: VX019486.D
Acq: 19 Nov 2020 23:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion: 41 Resp: 37154
Ion Ratio Lower Upper
41 100
39 51.8 28.0 84.0
67 76.6 40.0 119.9
52 29.4 14.2 42.8

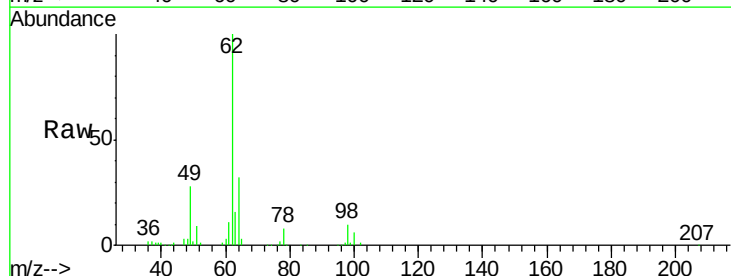


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

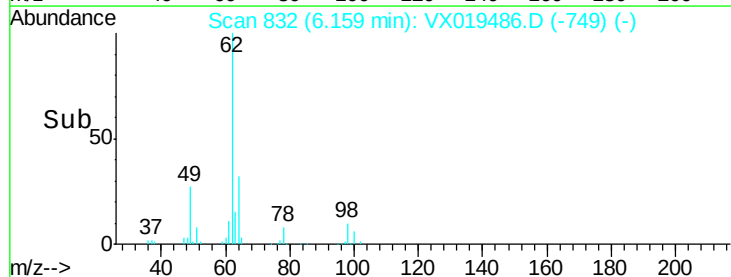
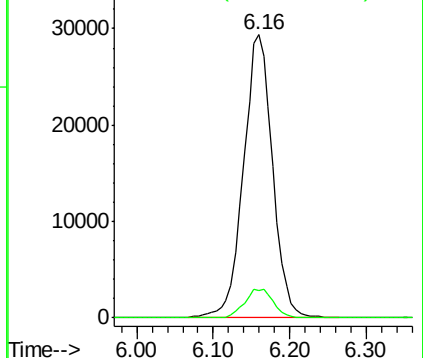


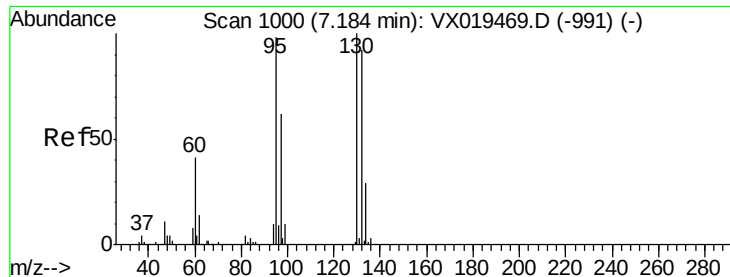
#36
1,2-Dichloroethane
Concen: 18.287 ug/l
RT: 6.16 min Scan# 832
Delta R.T. 0.01 min
Lab File: VX019486.D
Acq: 19 Nov 2020 23:10

Tgt Ion: 62 Resp: 77687
Ion Ratio Lower Upper
62 100
98 10.1 8.1 12.1



Abundance Ion 62.00 (61.70 to 62.70): VX0
Ion 98.00 (97.70 to 98.70): VX0





#37

Trichloroethene

Concen: 17.524 ug/l

RT: 7.18 min Scan# 1000

Delta R.T. -0.00 min

Lab File: VX019486.D

Acq: 19 Nov 2020 23:10

Instrument :

MSVOA_X

ClientSampleId :

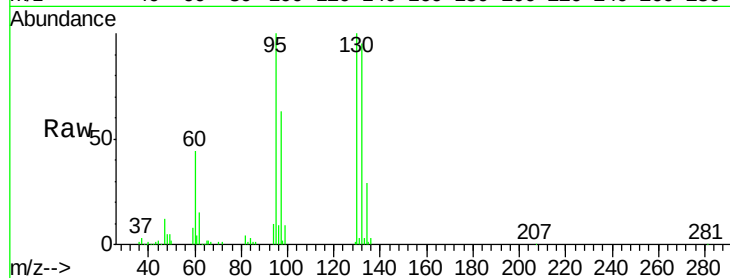
VSTDCCC020EC

Tot Ion:130 Resp: 57019

Ion Ratio Lower Upper

130 100

95 99.7 78.8 118.2



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0

7.18

30000

25000

20000

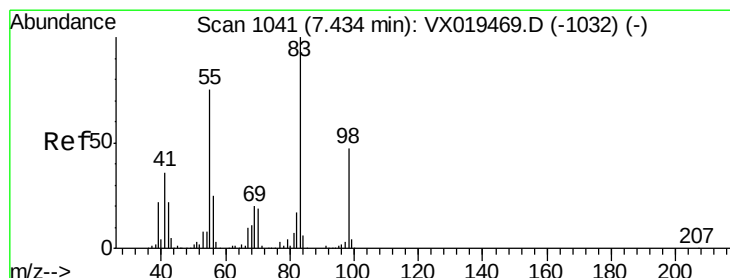
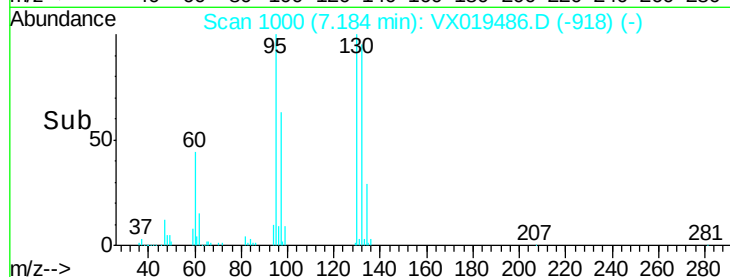
15000

10000

5000

0

Time-->



#38

Methylcyclohexane

Concen: 17.015 ug/l

RT: 7.44 min Scan# 1042

Delta R.T. 0.01 min

Lab File: VX019486.D

Acq: 19 Nov 2020 23:10

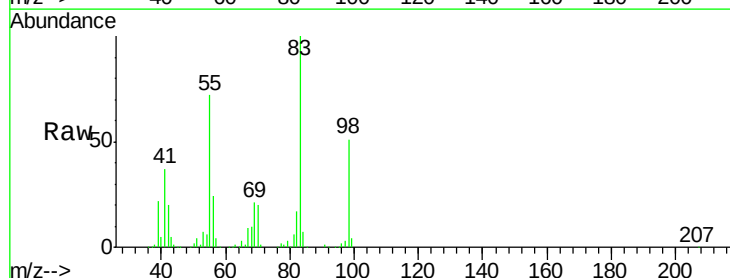
Tgt Ion: 83 Resp: 81229

Ion Ratio Lower Upper

83 100

55 73.7 37.7 113.1

98 49.1 24.7 74.1



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

50000

40000

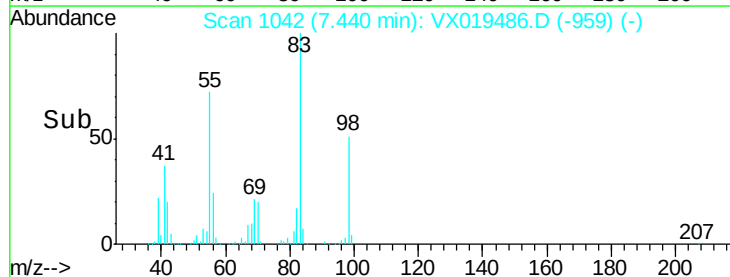
30000

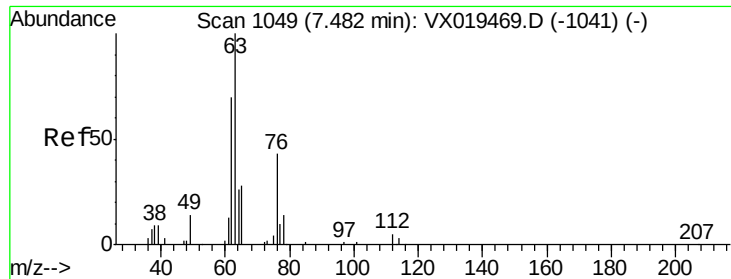
20000

10000

0

Time-->





#39

1,2-Dichloropropane

Concen: 18.322 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. 0.01 min

Lab File: VX019486.D

Acq: 19 Nov 2020 23:10

Instrument :

MSVOA_X

ClientSampleId :

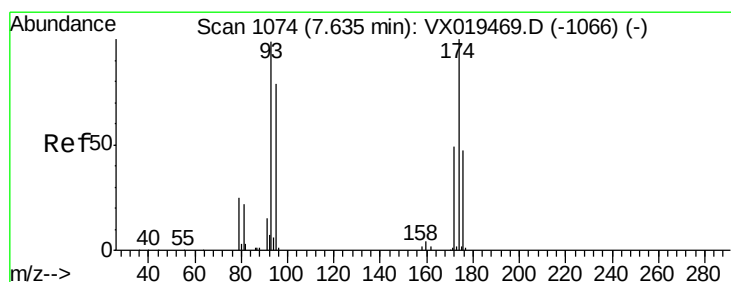
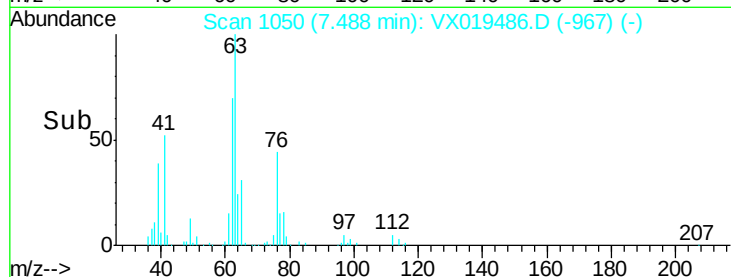
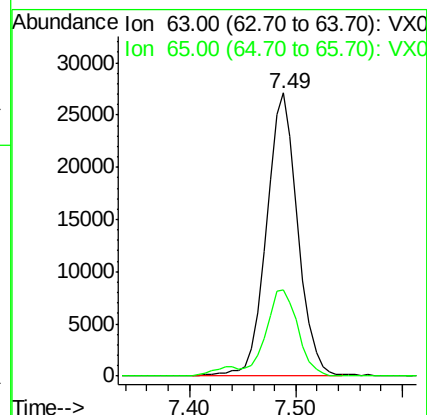
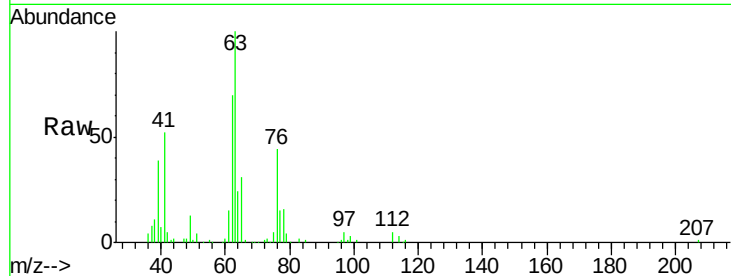
VSTDCCC020EC

Tot Ion: 63 Resp: 55525

Ion Ratio Lower Upper

63 100

65 30.3 24.8 37.2



#40

Dibromomethane

Concen: 17.621 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.00 min

Lab File: VX019486.D

Acq: 19 Nov 2020 23:10

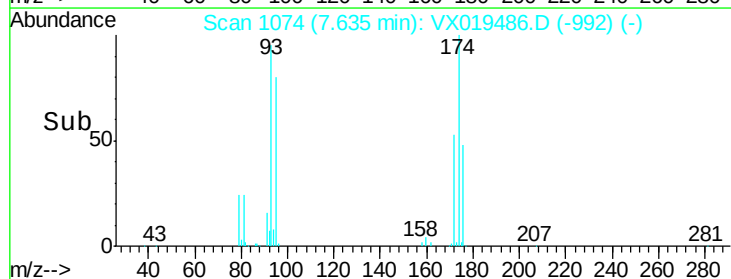
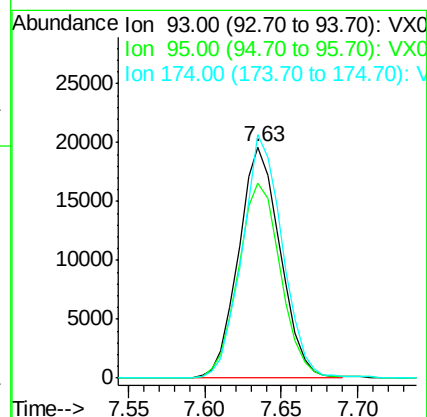
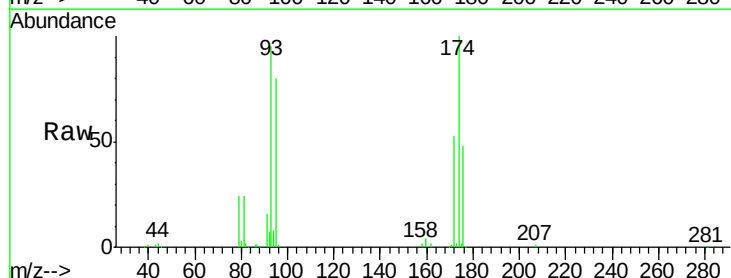
Tgt Ion: 93 Resp: 37144

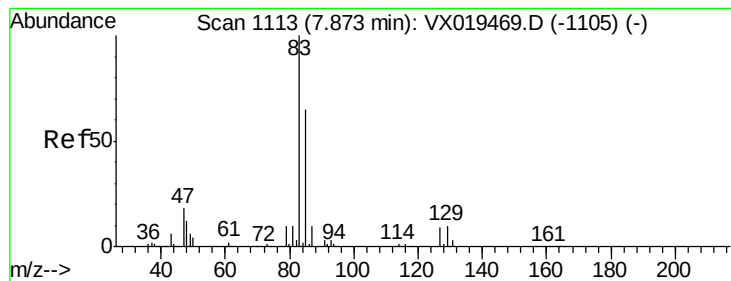
Ion Ratio Lower Upper

93 100

95 86.1 0.0 162.4

174 102.2 0.0 198.8





#41

Bromodichloromethane

Concen: 17.601 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VX019486.D

Acq: 19 Nov 2020 23:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

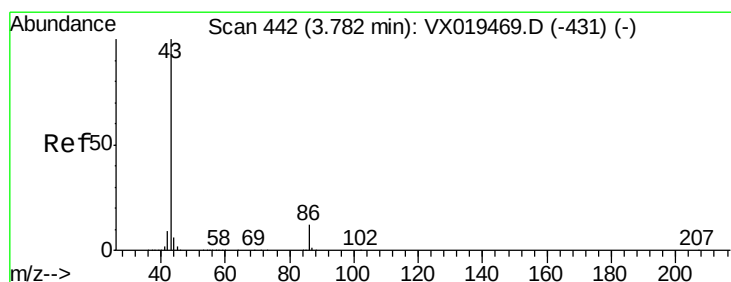
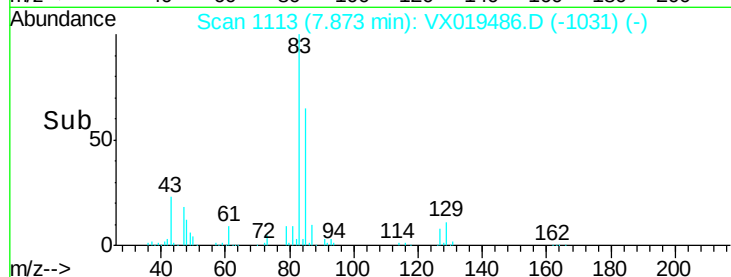
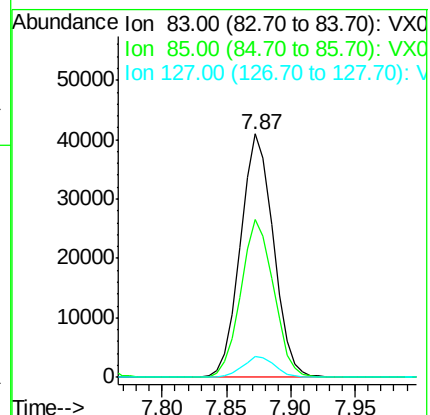
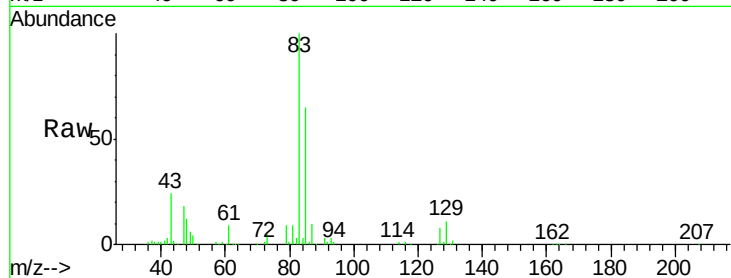
Tot Ion: 83 Resp: 72915

Ion Ratio Lower Upper

83 100

85 64.9 51.7 77.5

127 8.5 7.0 10.6



#42

Vinyl Acetate

Concen: 89.955 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.00 min

Lab File: VX019486.D

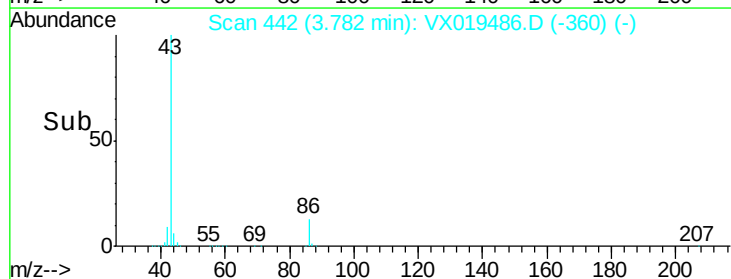
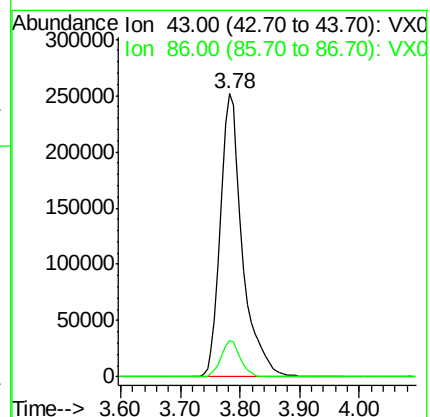
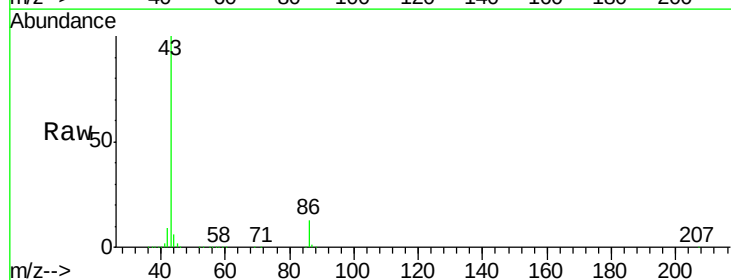
Acq: 19 Nov 2020 23:10

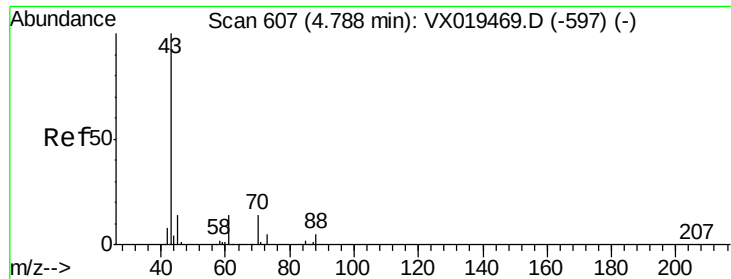
Tgt Ion: 43 Resp: 645674

Ion Ratio Lower Upper

43 100

86 11.2 8.8 13.2

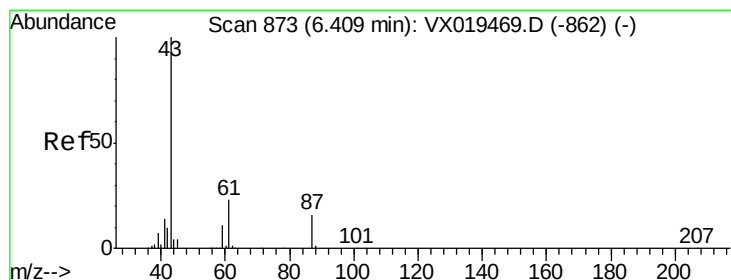
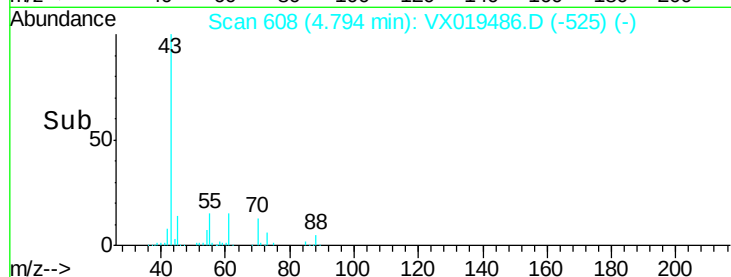
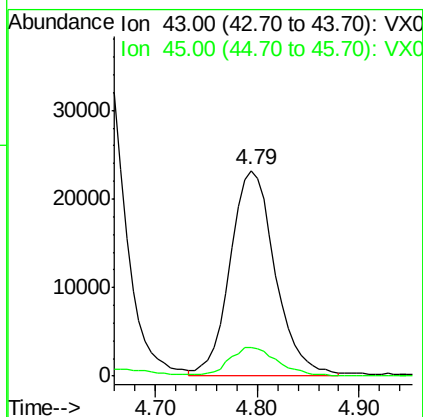
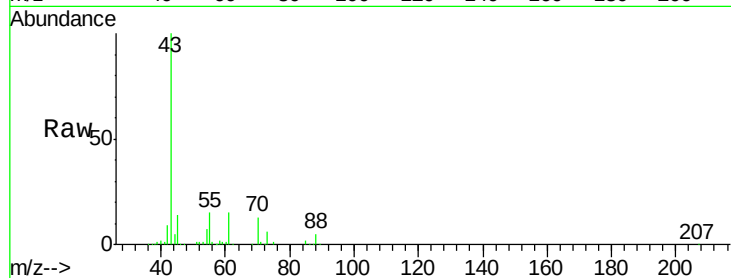




#43
Ethyl Acetate
Concen: 18.372 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.01 min
Lab File: VX019486.D
Acq: 19 Nov 2020 23:10

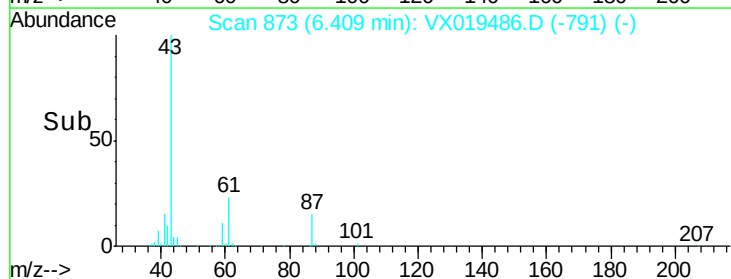
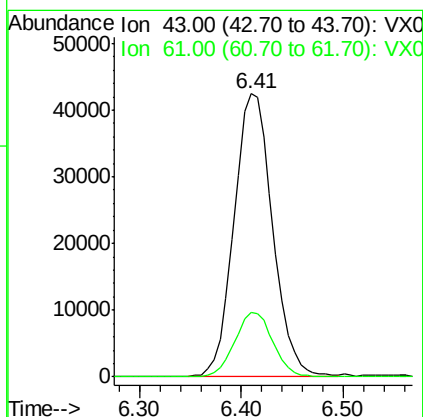
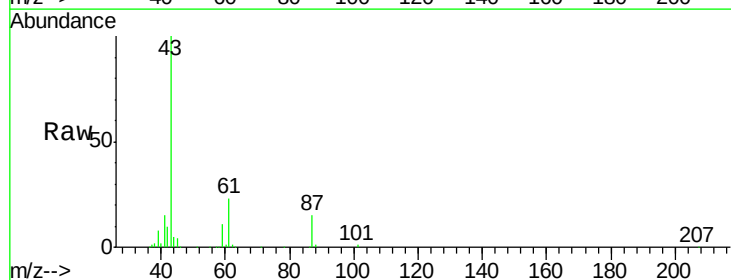
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

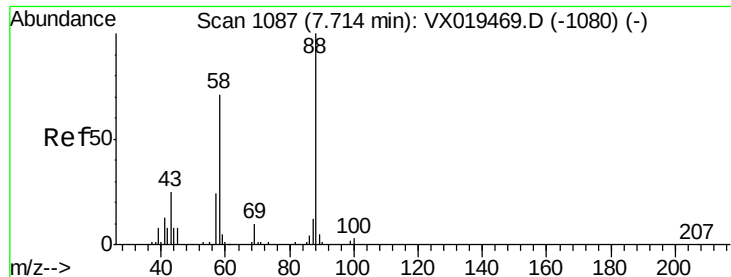
Tot Ion: 43 Resp: 70566
Ion Ratio Lower Upper
43 100
45 14.2 12.9 19.3



#44
Isopropyl Acetate
Concen: 17.834 ug/l
RT: 6.41 min Scan# 873
Delta R.T. -0.00 min
Lab File: VX019486.D
Acq: 19 Nov 2020 23:10

Tgt Ion: 43 Resp: 111171
Ion Ratio Lower Upper
43 100
61 22.6 18.1 27.1





#45

1,4-Dioxane

Concen: 341.194 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX019486.D

Acq: 19 Nov 2020 23:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

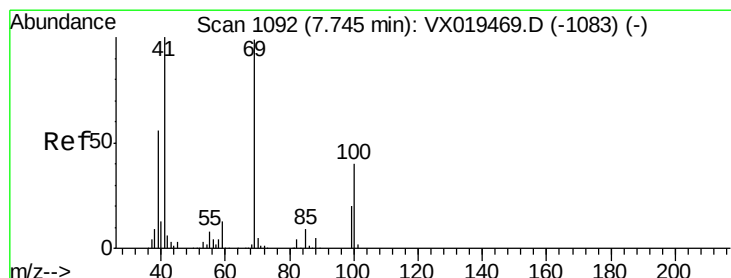
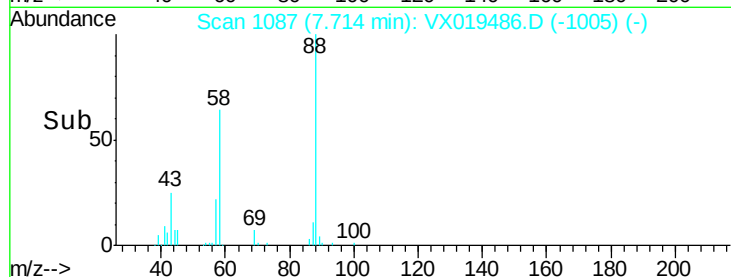
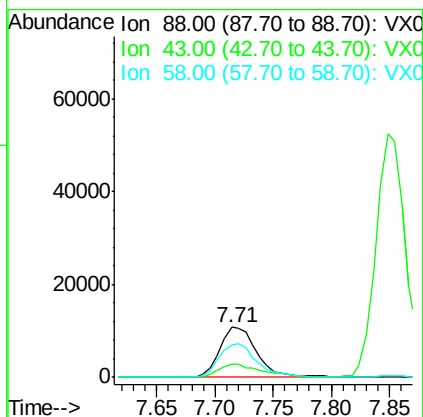
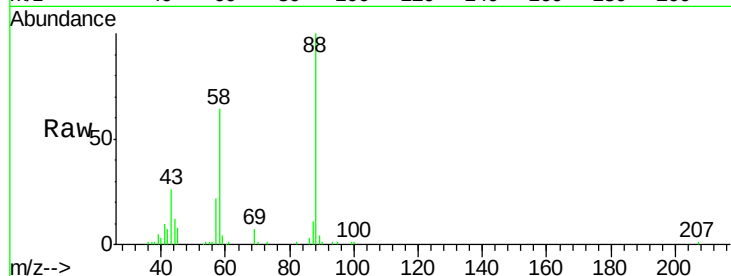
Tot Ion: 88 Resp: 23841

Ion Ratio Lower Upper

88 100

43 29.5 24.2 36.4

58 68.1 56.6 84.8



#46

Methyl methacrylate

Concen: 17.933 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX019486.D

Acq: 19 Nov 2020 23:10

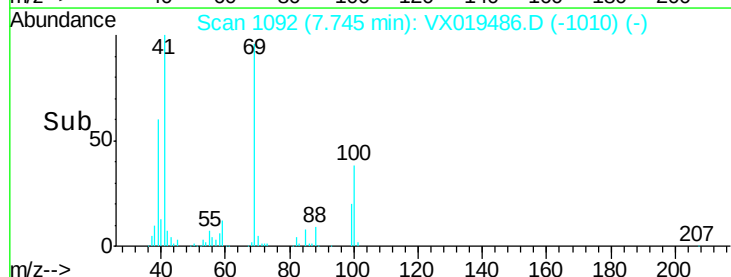
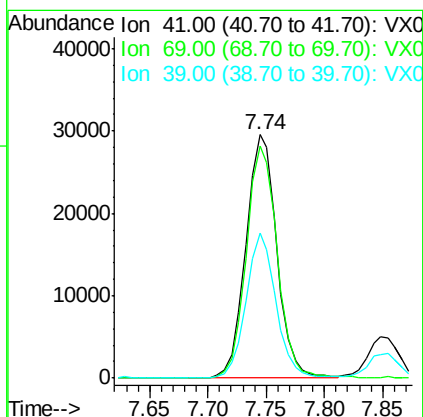
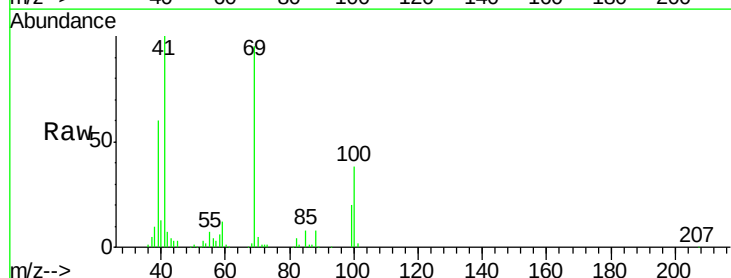
Tgt Ion: 41 Resp: 54713

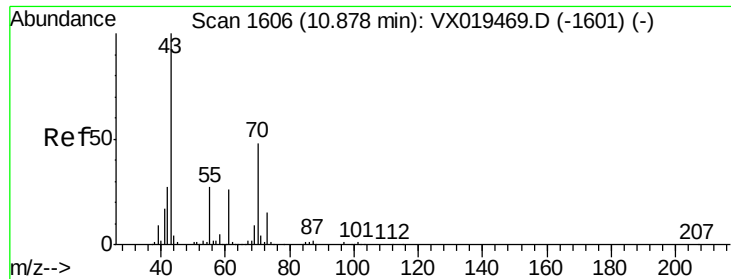
Ion Ratio Lower Upper

41 100

69 95.7 49.7 149.1

39 59.5 28.1 84.4





#47

n-amvl Acetate

Concen: 17.522 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX019486.D

Acq: 19 Nov 2020 23:10

Instrument :

MSVOA_X

ClientSampleId :

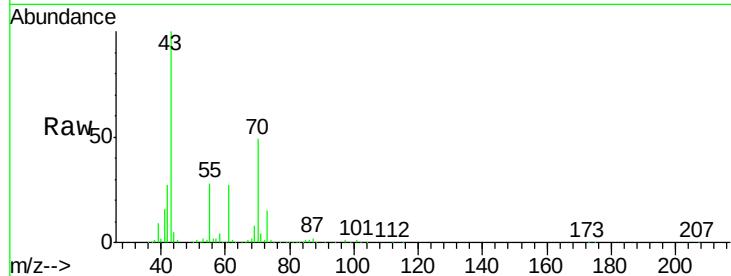
VSTDCCC020EC

Tot Ion: 43 Resp: 91149

Ion Ratio Lower Upper

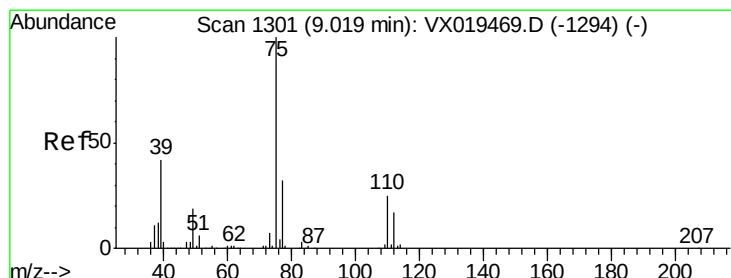
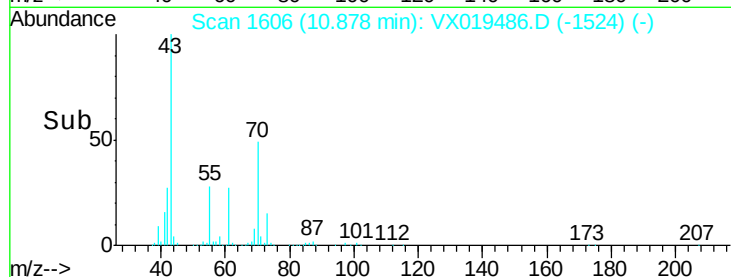
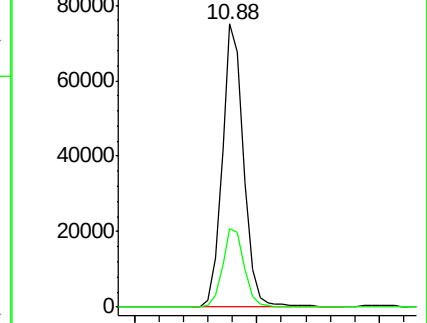
43 100

55 28.2 22.8 34.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#48

t-1,3-Dichloropropene

Concen: 17.061 ug/l

RT: 9.02 min Scan# 1301

Delta R.T. -0.00 min

Lab File: VX019486.D

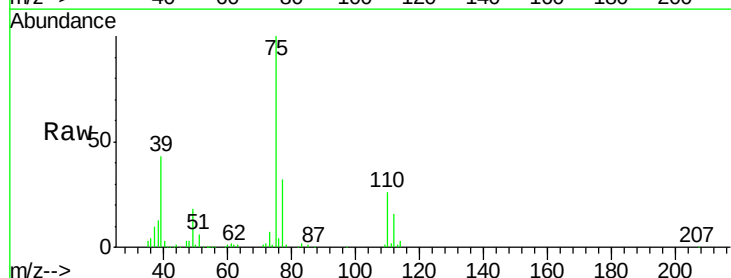
Acq: 19 Nov 2020 23:10

Tgt Ion: 75 Resp: 76743

Ion Ratio Lower Upper

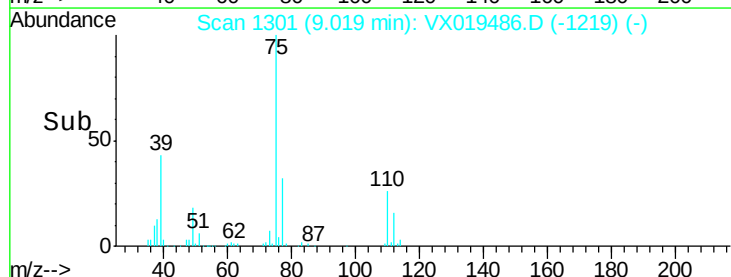
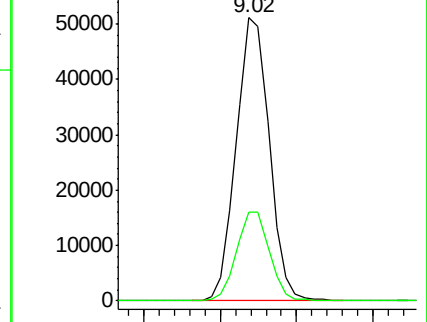
75 100

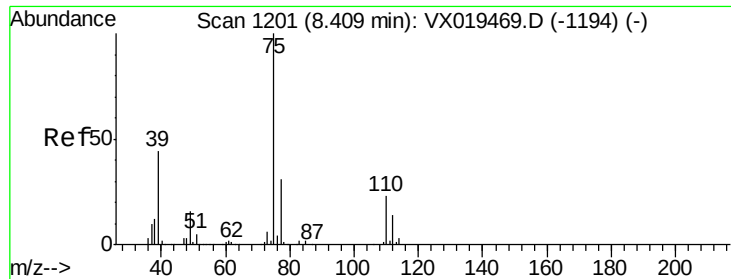
77 31.4 25.4 38.2



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



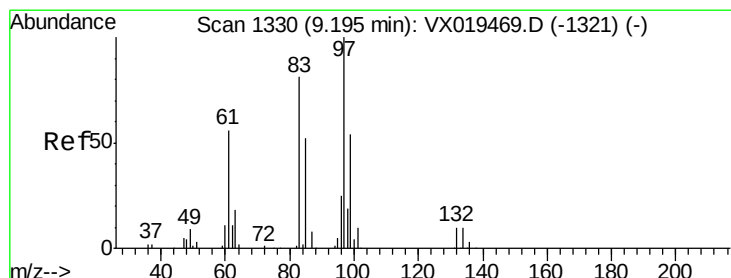
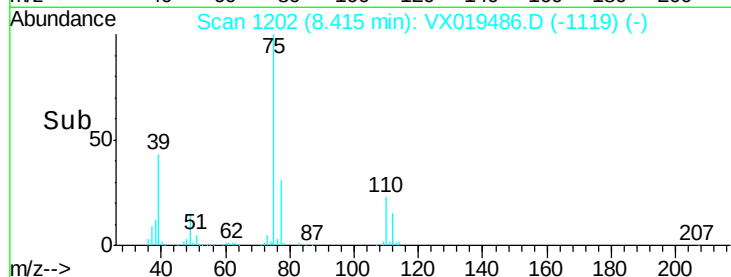
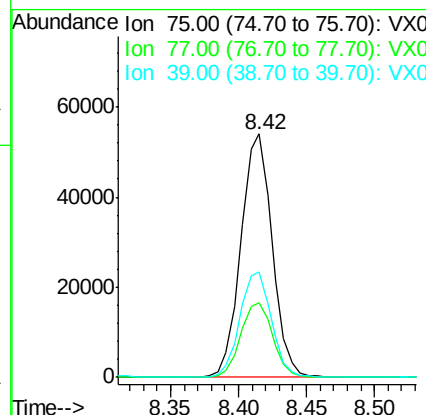
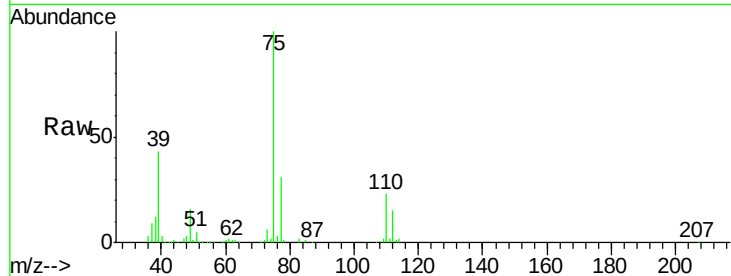


#49

cis-1,3-Dichloropropene
 Concen: 17.421 ug/l
 RT: 8.42 min Scan# 1202
 Delta R.T. 0.01 min
 Lab File: VX019486.D
 Acq: 19 Nov 2020 23:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

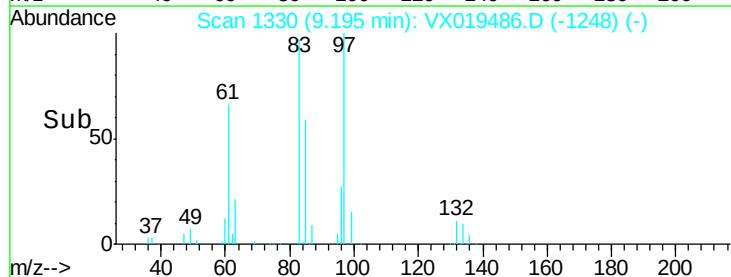
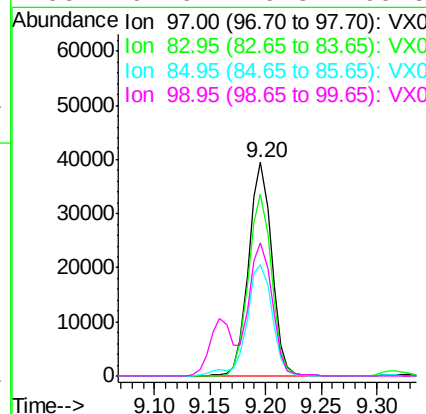
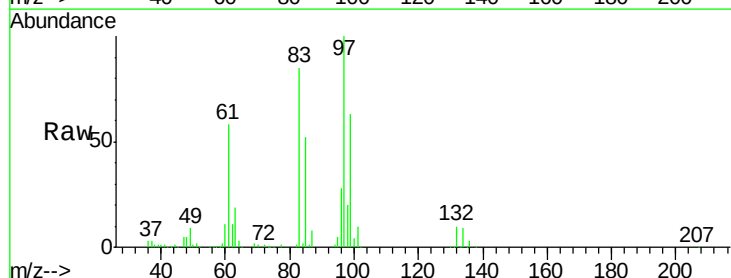
Tot Ion	Ratio	Lower	Upper
75	100		
77	30.7	24.7	37.1
39	43.1	35.3	52.9

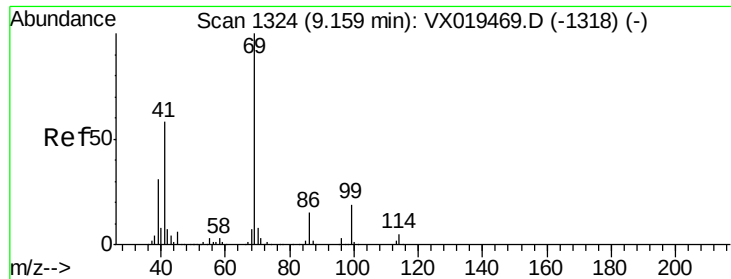


#50

1,1,2-Trichloroethane
 Concen: 18.198 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX019486.D
 Acq: 19 Nov 2020 23:10

Tgt Ion	Ratio	Lower	Upper
97	100		
83	85.0	64.8	97.2
85	52.1	41.8	62.8
99	62.6	46.3	69.5





#51

Ethyl methacrylate

Concen: 17.875 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX019486.D

Acq: 19 Nov 2020 23:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

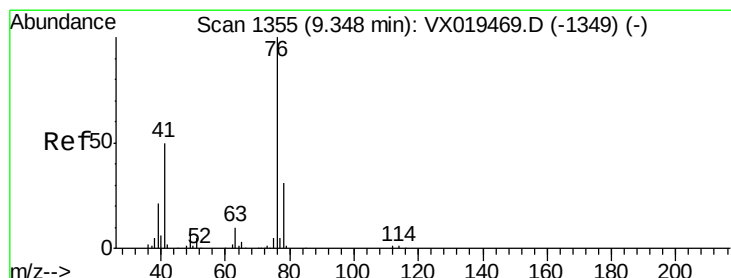
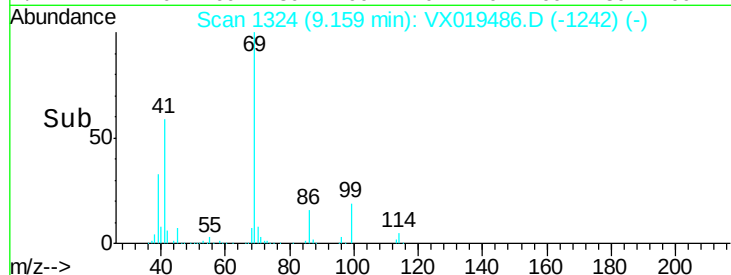
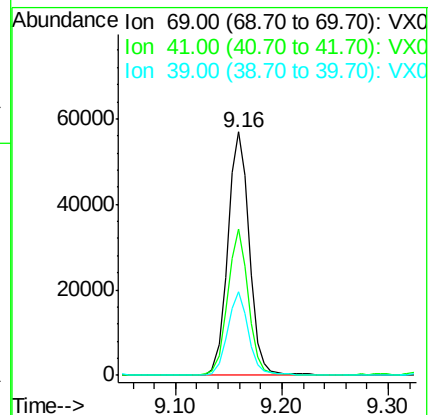
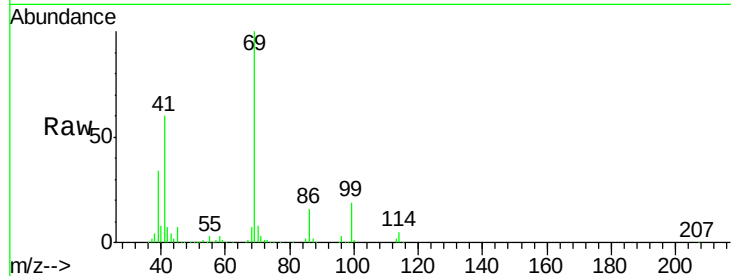
Tot Ion: 69 Resp: 80753

Ion Ratio Lower Upper

69 100

41 60.2 29.0 87.1

39 34.1 15.4 46.4



#52

1,3-Dichloropropane

Concen: 18.326 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.01 min

Lab File: VX019486.D

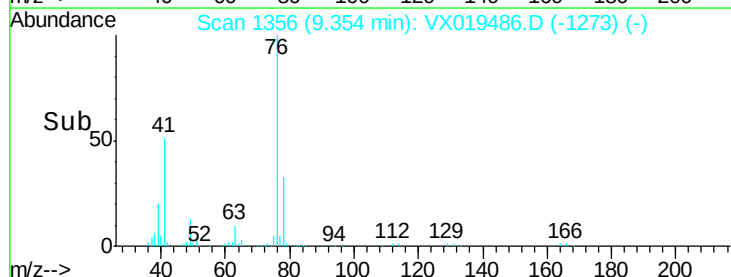
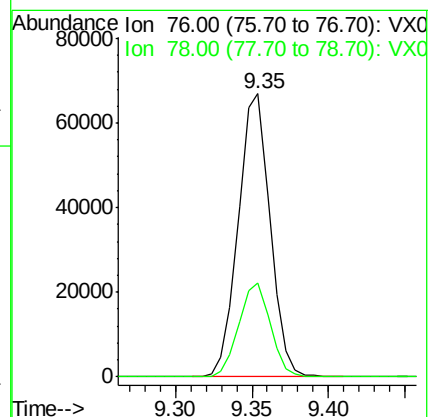
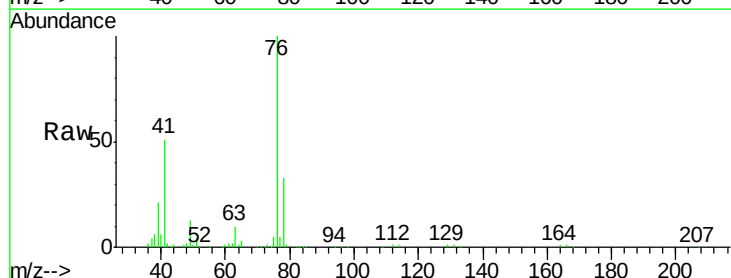
Acq: 19 Nov 2020 23:10

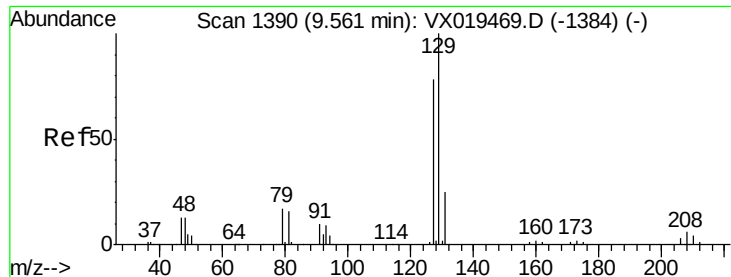
Tgt Ion: 76 Resp: 96621

Ion Ratio Lower Upper

76 100

78 32.8 0.0 63.4





#53

Dibromochloromethane

Concen: 17.579 ug/l

RT: 9.56 min Scan# 1390

Delta R.T. -0.00 min

Lab File: VX019486.D

Acq: 19 Nov 2020 23:10

Instrument :

MSVOA_X

ClientSampleId :

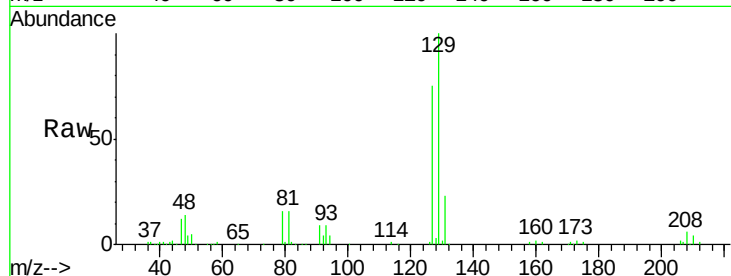
VSTDCCC020EC

Tot Ion:129 Resp: 55312

Ion Ratio Lower Upper

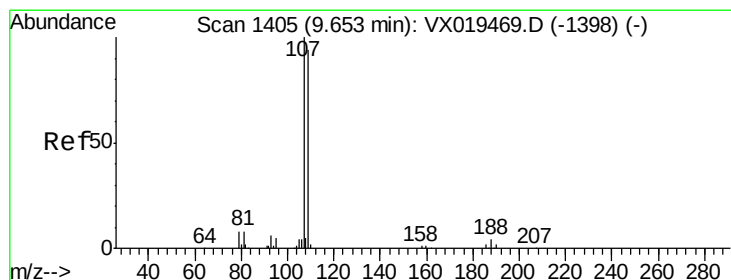
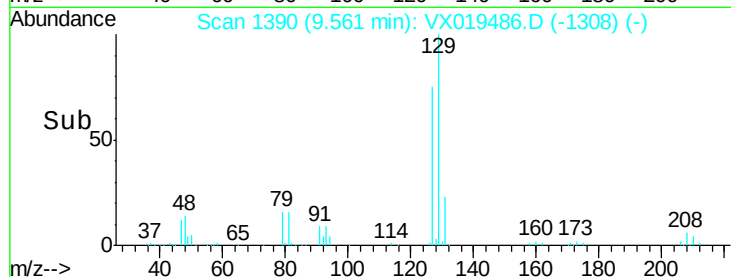
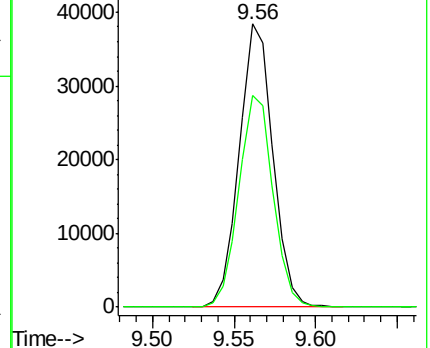
129 100

127 76.1 38.0 114.1



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 18.449 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX019486.D

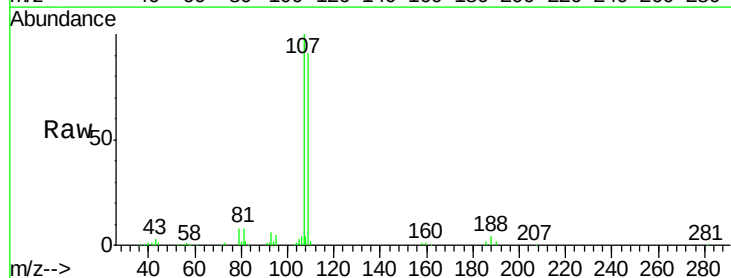
Acq: 19 Nov 2020 23:10

Tgt Ion:107 Resp: 60216

Ion Ratio Lower Upper

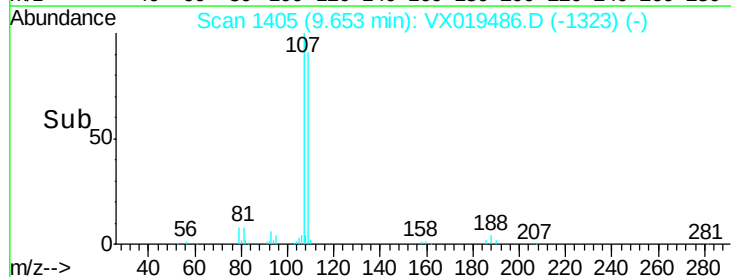
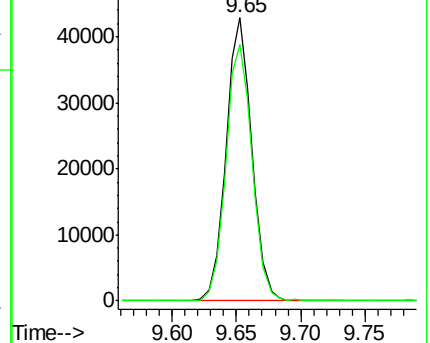
107 100

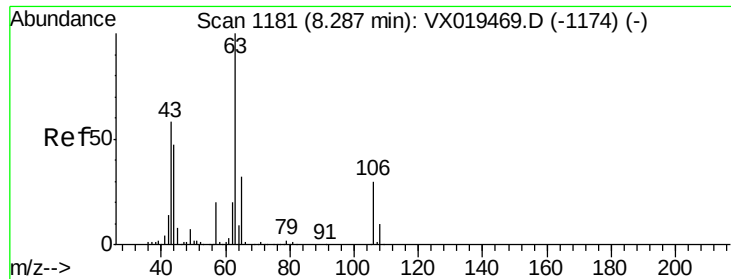
109 92.5 74.2 111.4



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

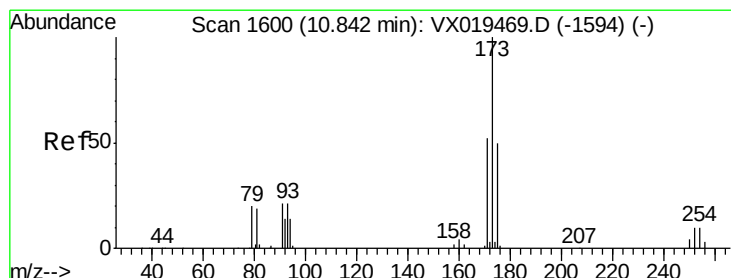
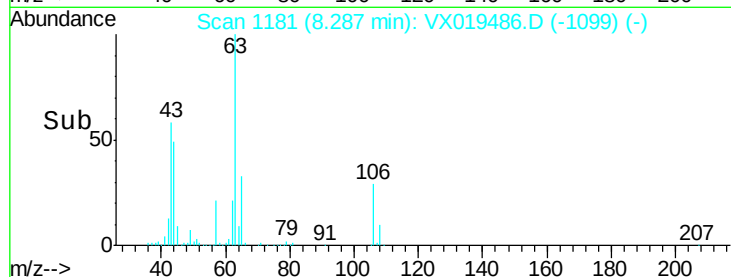
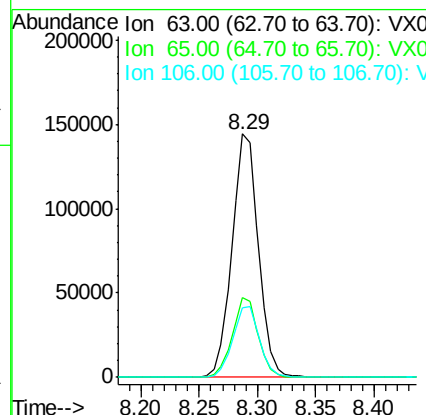
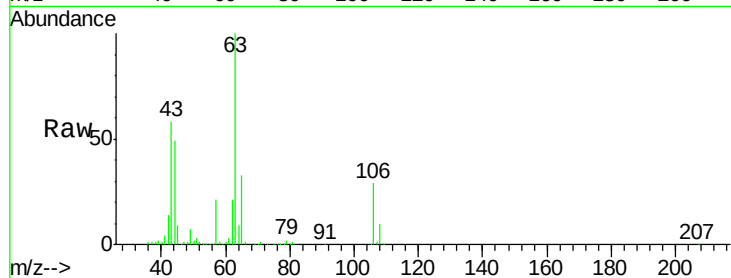




#55
2-Chloroethyl vinyl ether
Concen: 91.762 ug/l
RT: 8.29 min Scan# 1181
Delta R.T. -0.00 min
Lab File: VX019486.D
Acq: 19 Nov 2020 23:10

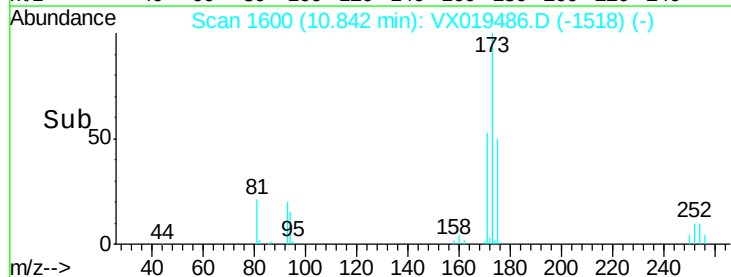
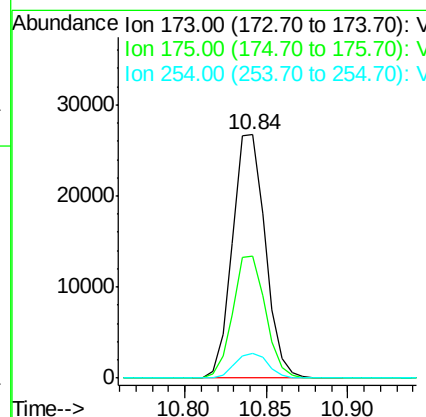
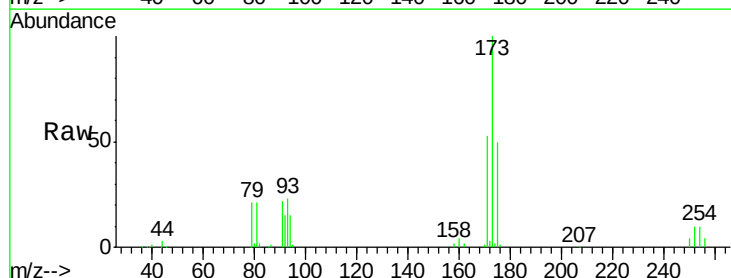
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

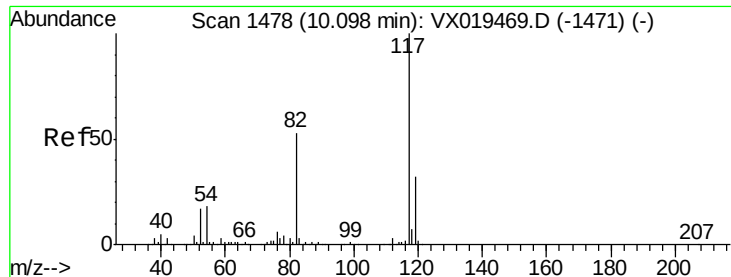
Tot Ion: 63 Resp: 228111
Ion Ratio Lower Upper
63 100
65 32.0 25.7 38.5
106 29.3 24.2 36.4



#56
Bromoform
Concen: 16.838 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VX019486.D
Acq: 19 Nov 2020 23:10

Tgt Ion: 173 Resp: 37545
Ion Ratio Lower Upper
173 100
175 49.6 39.7 59.5
254 10.5 8.0 12.0

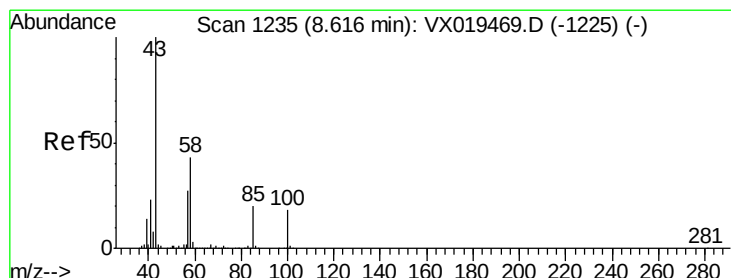
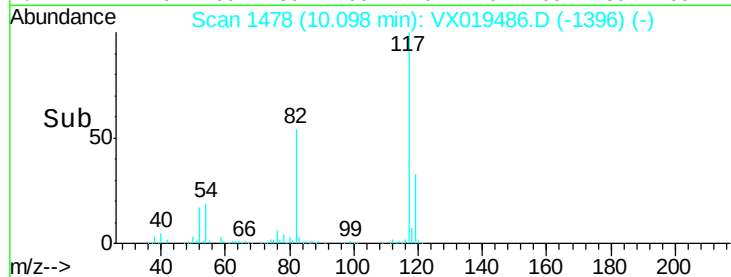
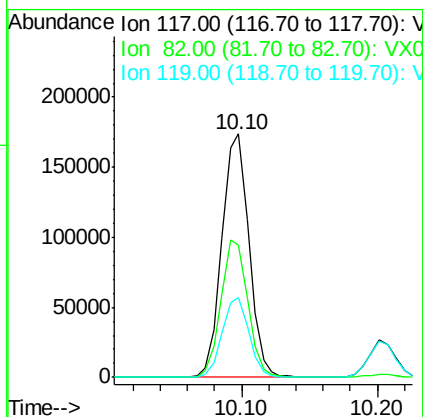
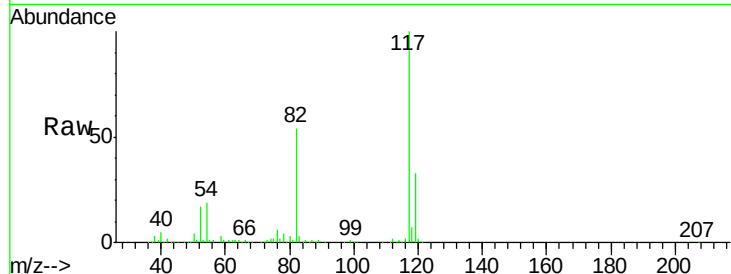




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019486.D
Acq: 19 Nov 2020 23:10

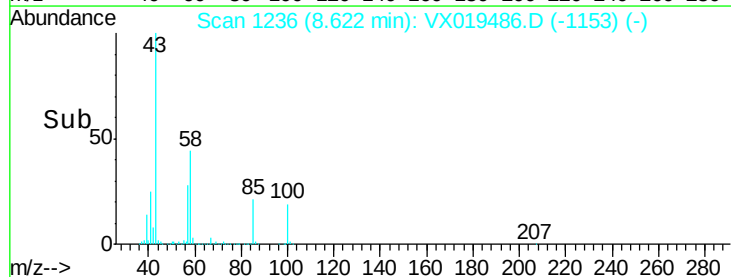
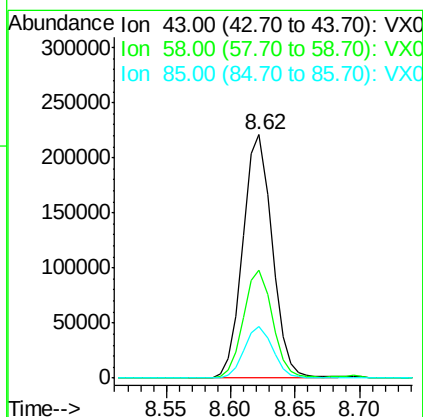
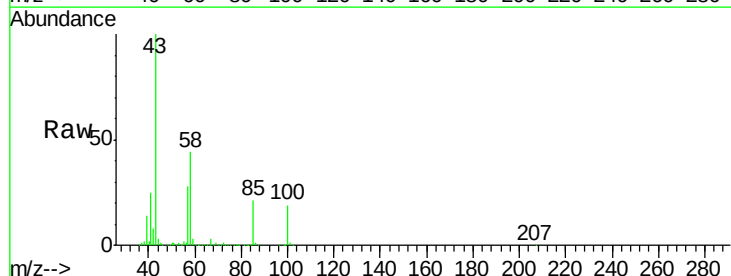
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

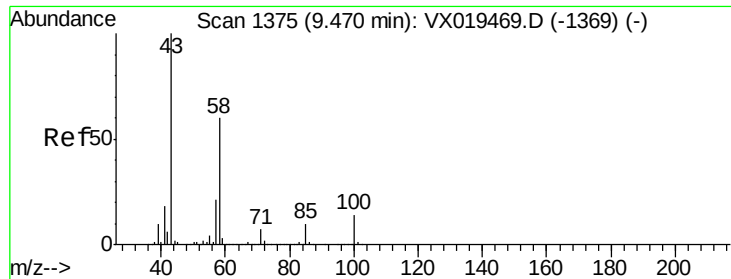
Tot Ion	Ratio	Lower	Upper
117	100		
82	56.2	44.5	66.7
119	32.1	25.9	38.9



#58
4-Methyl-2-Pentanone
Concen: 91.052 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. 0.01 min
Lab File: VX019486.D
Acq: 19 Nov 2020 23:10

Tgt Ion	Ratio	Lower	Upper
43	100		
58	43.9	35.1	52.7
85	21.0	16.7	25.1

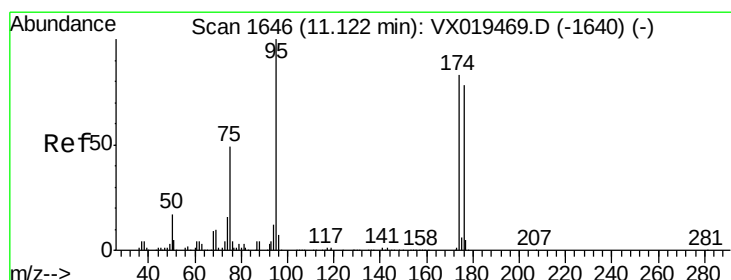
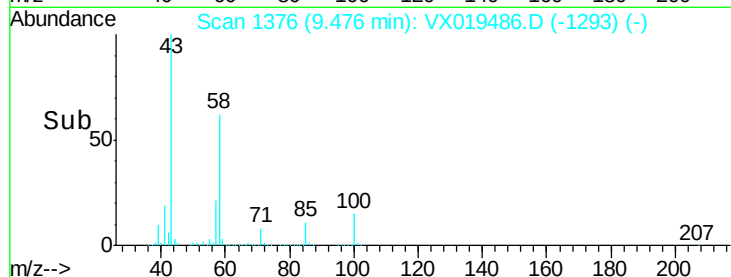
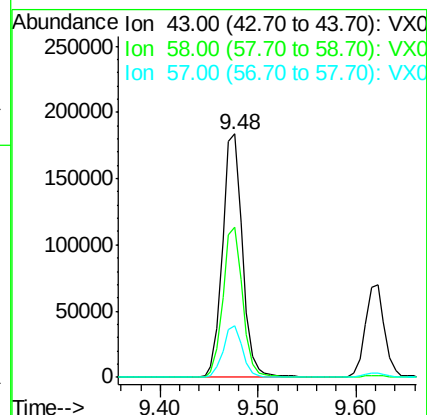
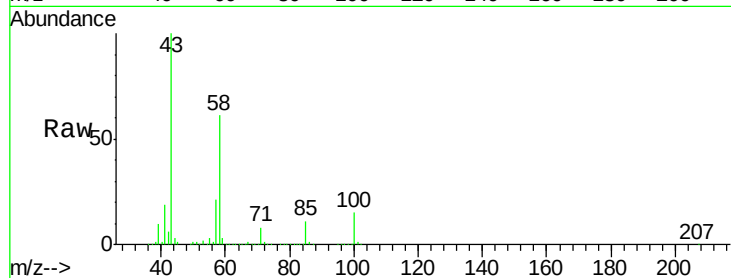




#59
2-Hexanone
Concen: 87.562 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.01 min
Lab File: VX019486.D
Acq: 19 Nov 2020 23:10

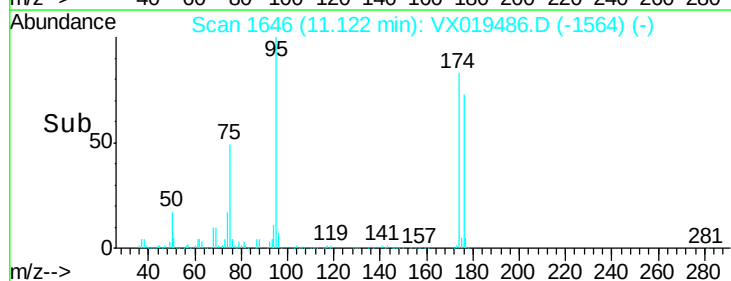
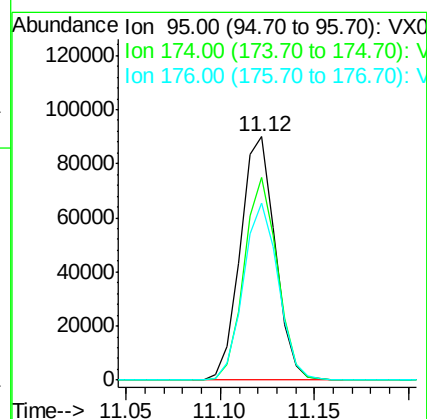
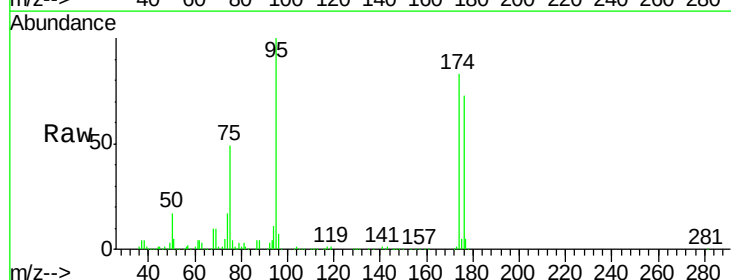
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

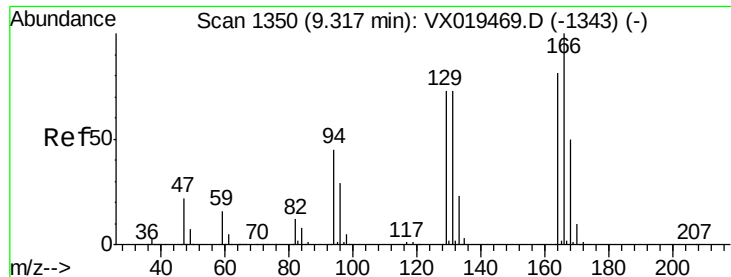
Tot Ion: 43 Resp: 259822
Ion Ratio Lower Upper
43 100
58 61.2 49.0 73.6
57 20.7 17.0 25.4



#60
4-Bromofluorobenzene
Concen: 29.452 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX019486.D
Acq: 19 Nov 2020 23:10

Tgt Ion: 95 Resp: 115671
Ion Ratio Lower Upper
95 100
174 79.7 63.5 95.3
176 72.8 59.8 89.6





#61

Tetrachloroethene

Concen: 18.517 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. -0.00 min

Lab File: VX019486.D

Acq: 19 Nov 2020 23:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion:164 Resp: 58110

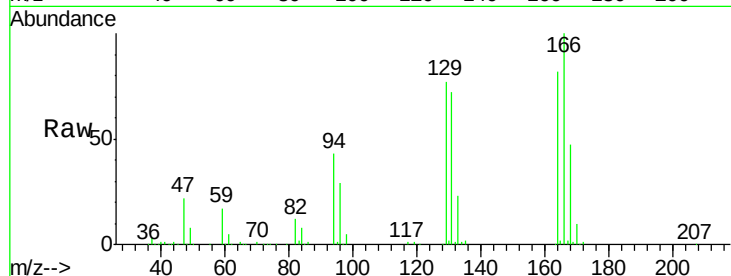
Ion Ratio Lower Upper

164 100

166 121.9 99.4 149.0

129 93.4 72.6 108.8

131 88.2 72.6 108.8

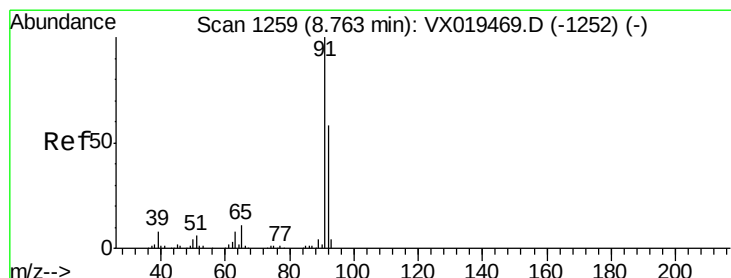
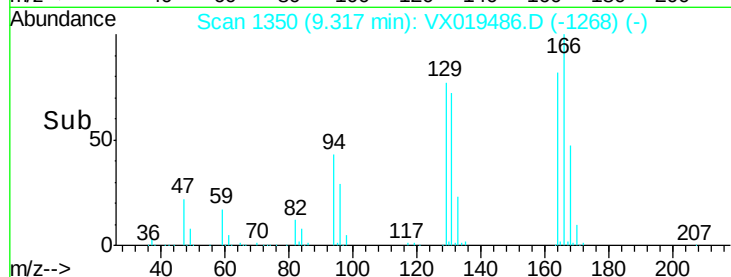
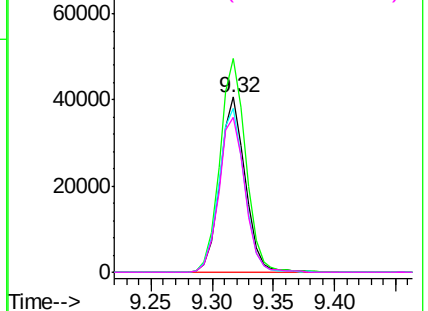


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 17.921 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VX019486.D

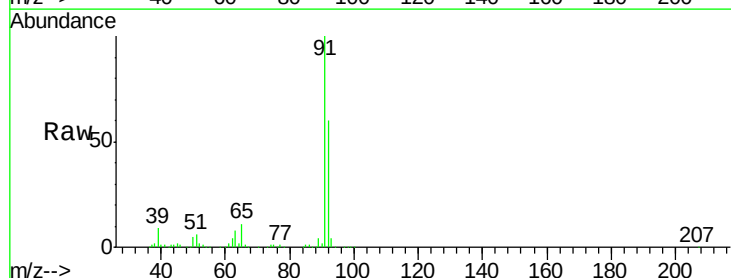
Acq: 19 Nov 2020 23:10

Tgt Ion: 91 Resp: 241389

Ion Ratio Lower Upper

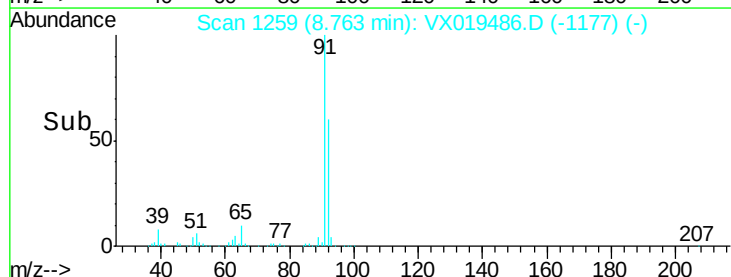
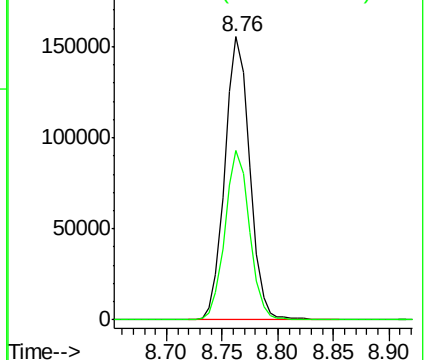
91 100

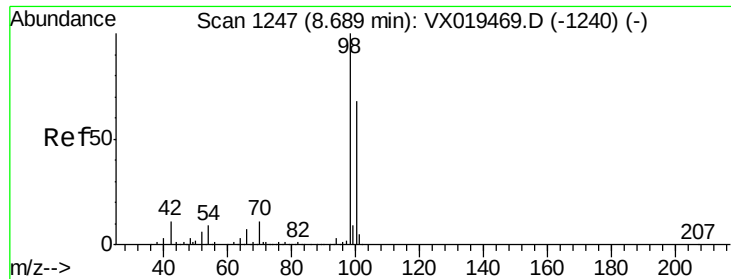
92 58.9 47.4 71.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 30.069 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.01 min

Lab File: VX019486.D

Acq: 19 Nov 2020 23:10

Instrument :

MSVOA_X

ClientSampleId :

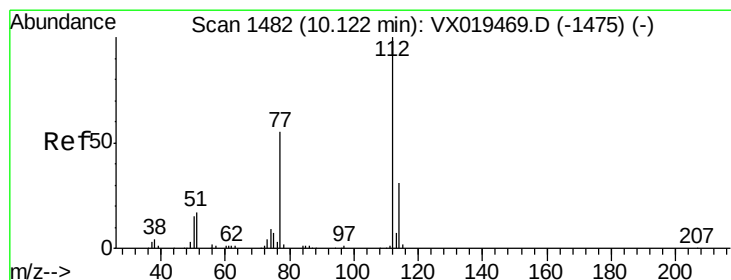
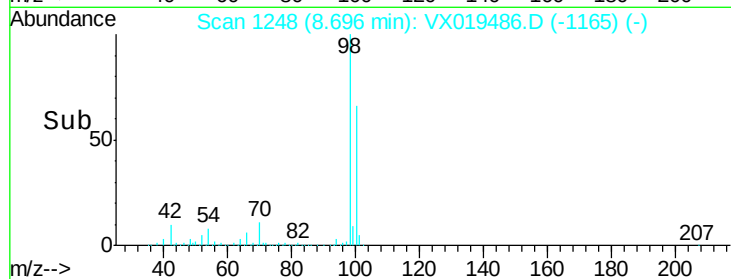
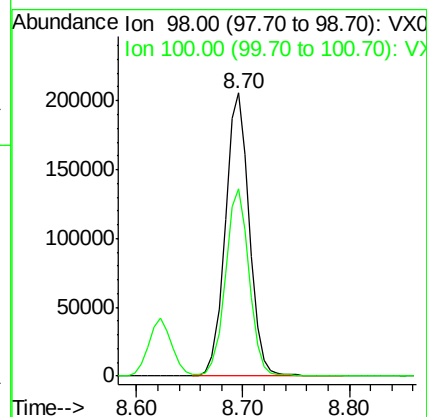
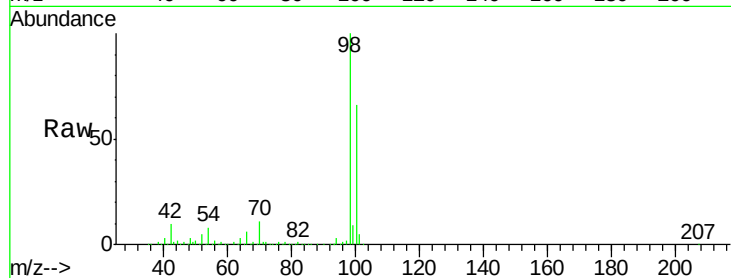
VSTDCCC020EC

Tot Ion: 98 Resp: 322771

Ion Ratio Lower Upper

98 100

100 65.7 53.6 80.4



#64

Chlorobenzene

Concen: 18.339 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX019486.D

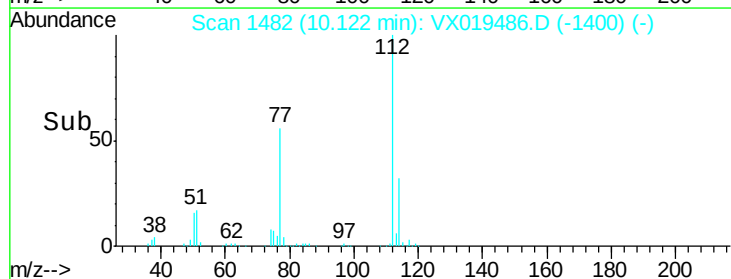
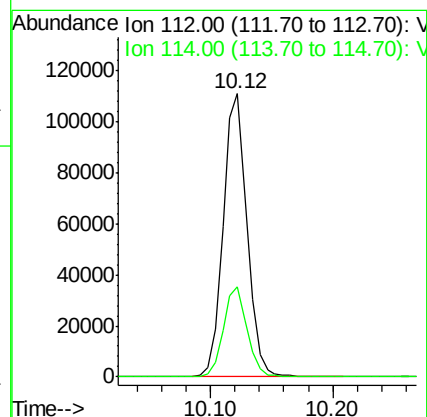
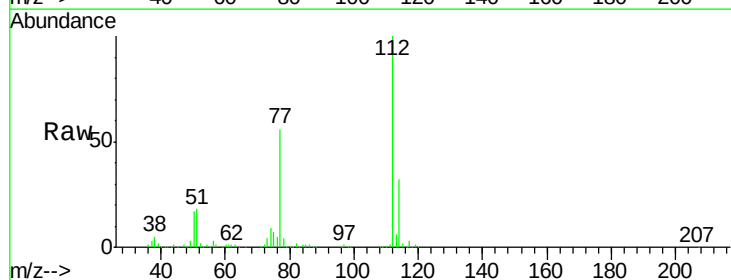
Acq: 19 Nov 2020 23:10

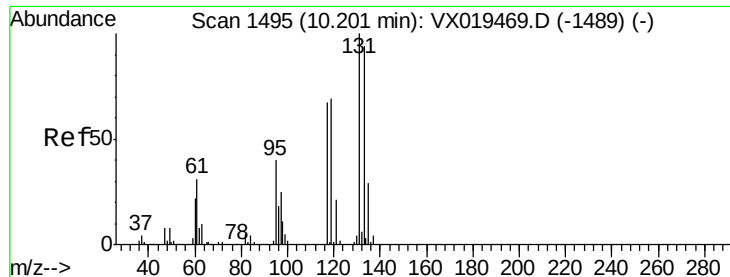
Tgt Ion: 112 Resp: 150452

Ion Ratio Lower Upper

112 100

114 31.7 24.8 37.2





#65

1,1,1,2-Tetrachloroethane

Concen: 17.812 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. -0.00 min

Lab File: VX019486.D

Acq: 19 Nov 2020 23:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

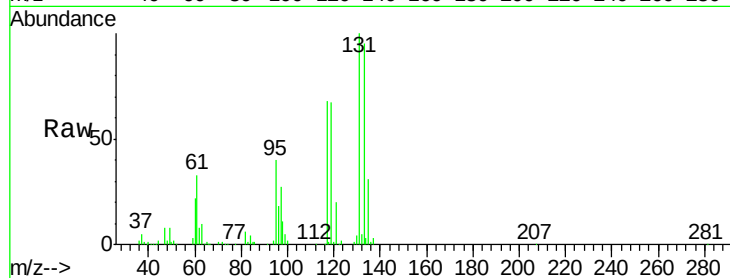
Tot Ion:131 Resp: 53796

Ion Ratio Lower Upper

131 100

133 96.7 0.0 189.4

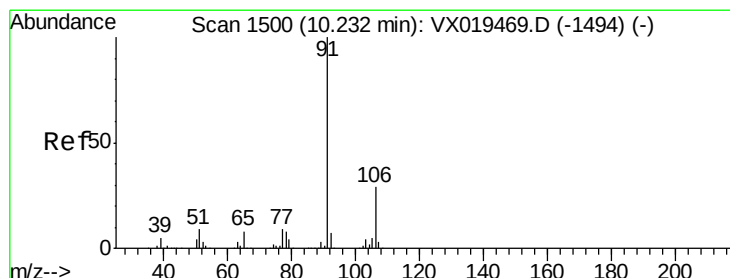
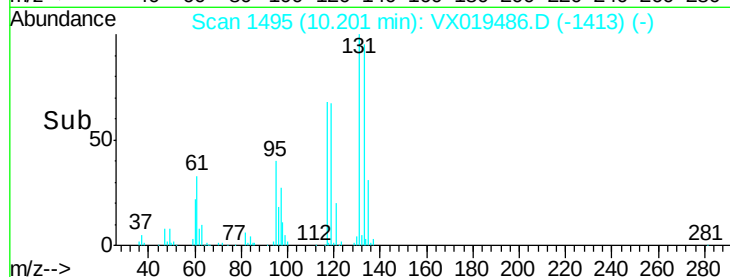
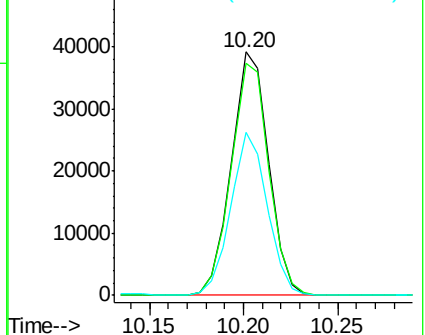
119 65.7 0.0 130.4



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 17.814 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.00 min

Lab File: VX019486.D

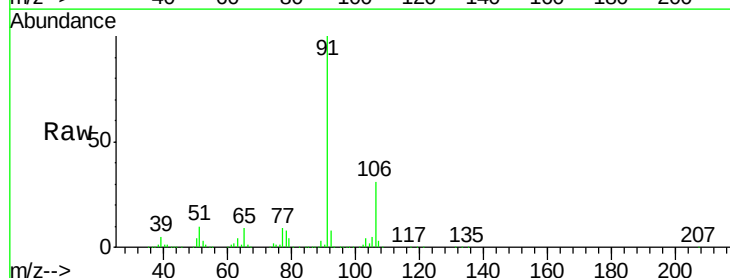
Acq: 19 Nov 2020 23:10

Tgt Ion: 91 Resp: 262919

Ion Ratio Lower Upper

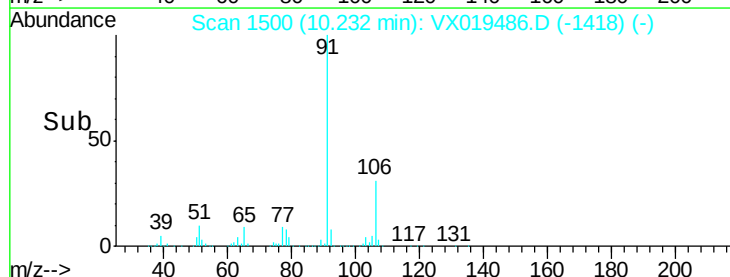
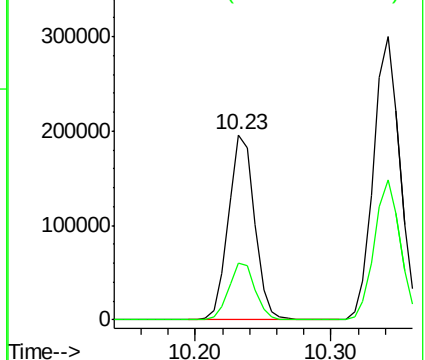
91 100

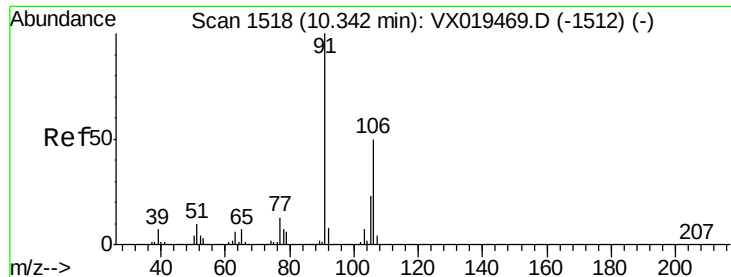
106 30.8 23.5 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

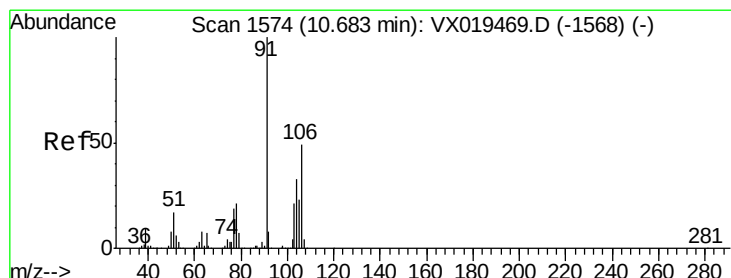
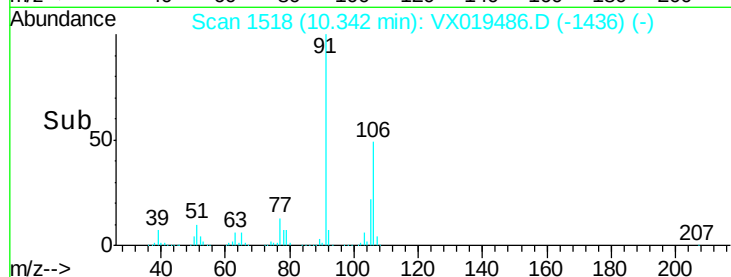
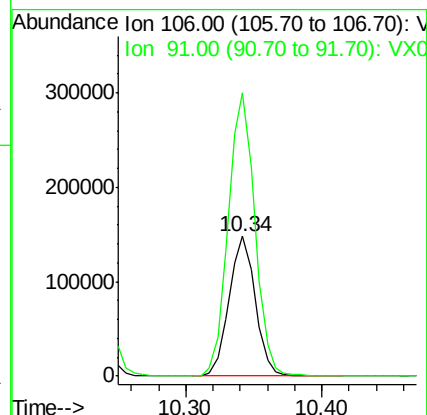
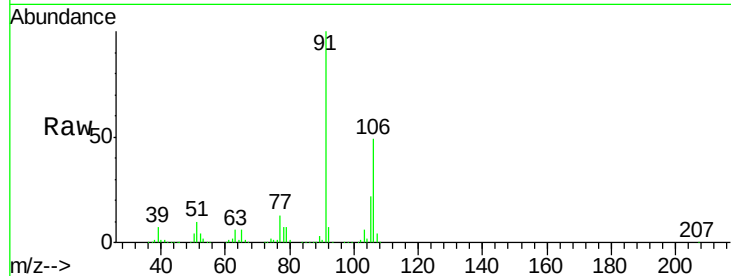




#67
m/p-Xylenes
Concen: 35.955 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX019486.D
Acq: 19 Nov 2020 23:10

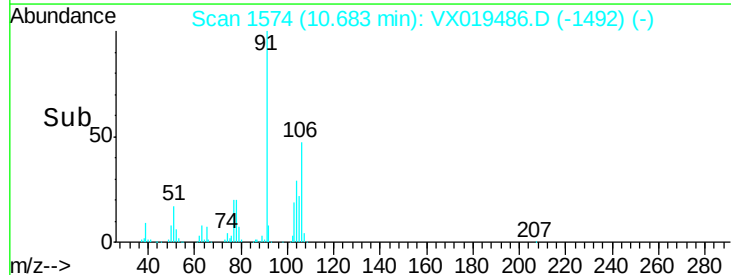
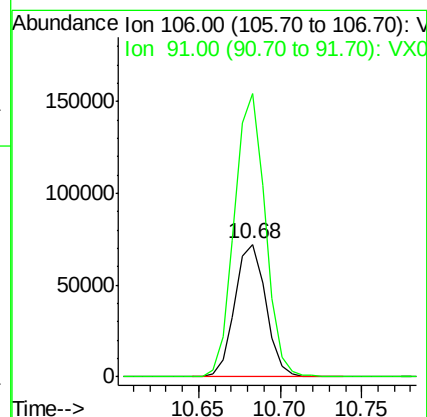
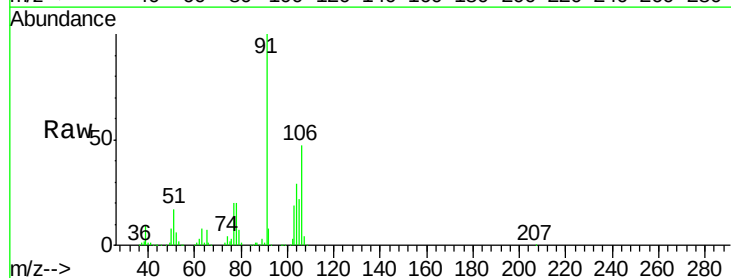
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

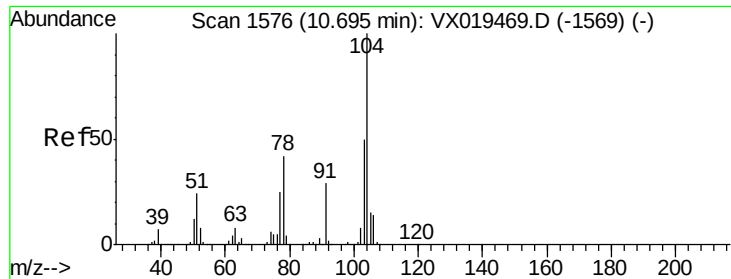
Tot Ion:106 Resp: 198744
Ion Ratio Lower Upper
106 100
91 204.5 162.7 244.1



#68
o-Xylene
Concen: 18.303 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX019486.D
Acq: 19 Nov 2020 23:10

Tgt Ion:106 Resp: 95899
Ion Ratio Lower Upper
106 100
91 212.2 108.3 324.9

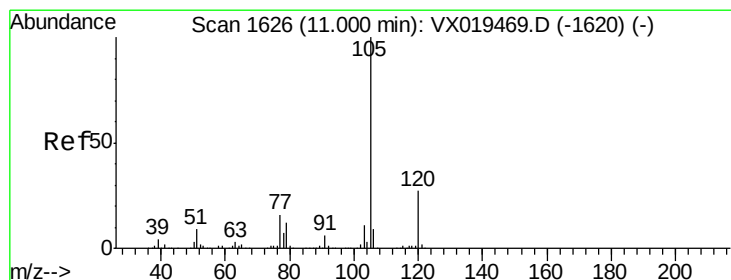
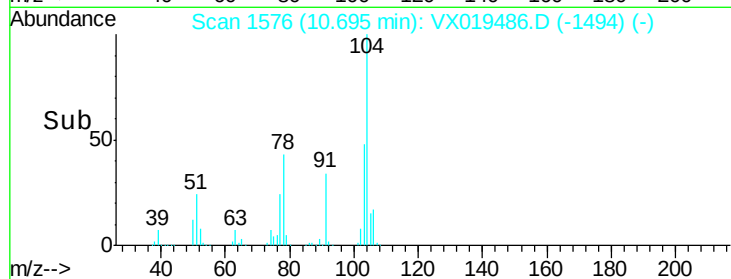
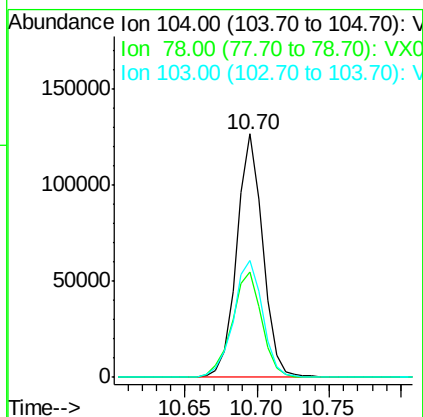
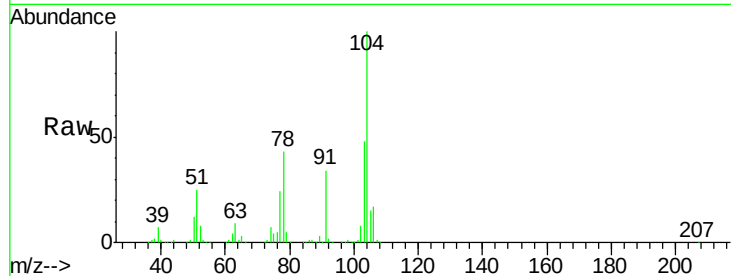




#69
Stvrene
Concen: 17.873 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX019486.D
Acq: 19 Nov 2020 23:10

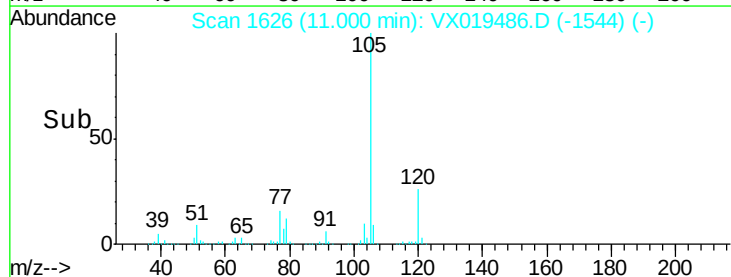
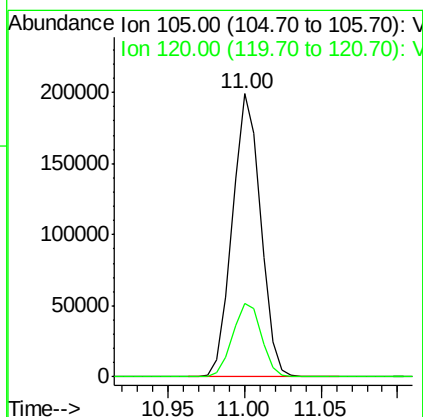
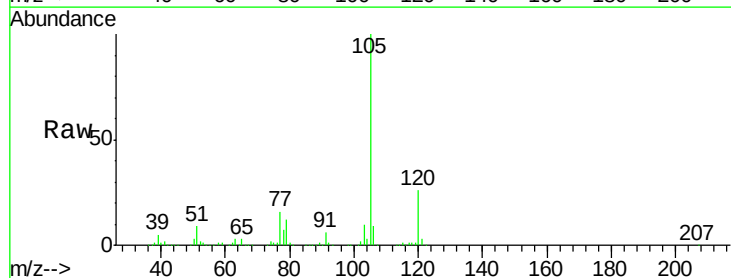
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

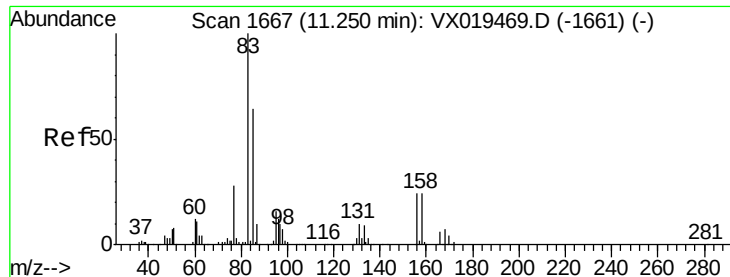
Tot Ion:104 Resp: 159551
Ion Ratio Lower Upper
104 100
78 49.7 39.2 58.8
103 53.9 43.8 65.8



#70
Isopropylbenzene
Concen: 17.952 ug/l
RT: 11.00 min Scan# 1626
Delta R.T. -0.00 min
Lab File: VX019486.D
Acq: 19 Nov 2020 23:10

Tgt Ion:105 Resp: 254984
Ion Ratio Lower Upper
105 100
120 26.4 18.5 34.3





#71

1,1,2,2-Tetrachloroethane

Concen: 17.694 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX019486.D

Acq: 19 Nov 2020 23:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

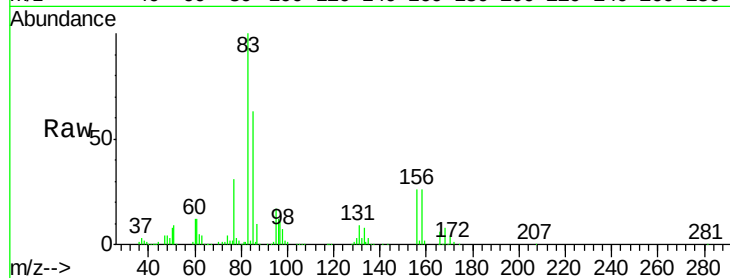
Tot Ion: 83 Resp: 85802

Ion Ratio Lower Upper

83 100

131 9.8 4.9 14.7

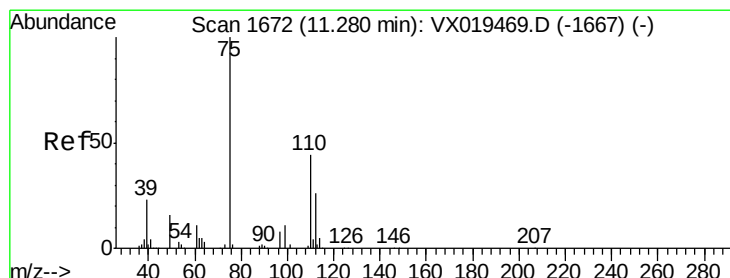
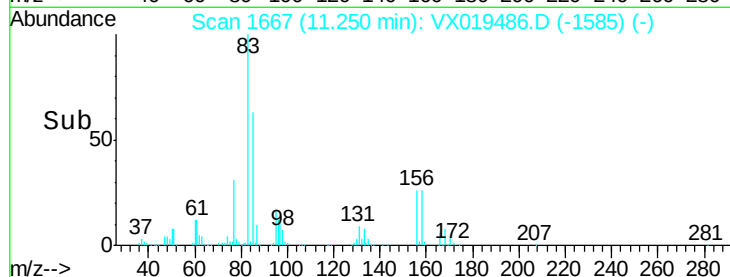
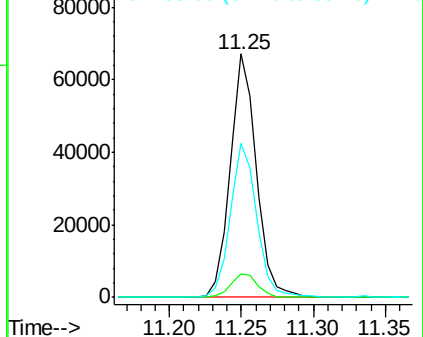
85 63.7 31.6 94.8



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 131.00 (130.70 to 131.70): VX0

Ion 85.00 (84.70 to 85.70): VX0



#72

1,2,3-Trichloropropane

Concen: 21.917 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX019486.D

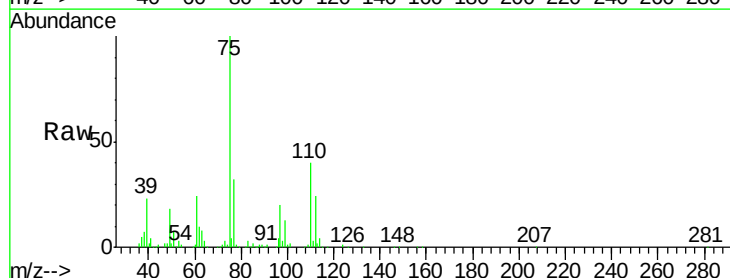
Acq: 19 Nov 2020 23:10

Tgt Ion: 75 Resp: 95542

Ion Ratio Lower Upper

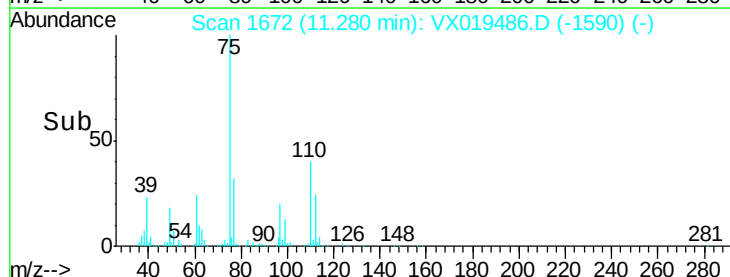
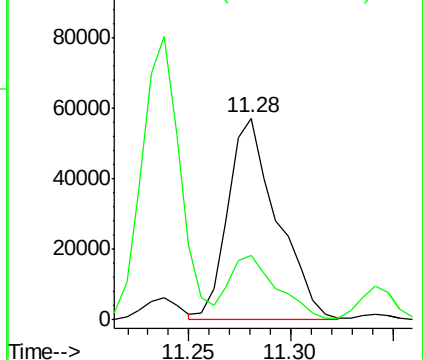
75 100

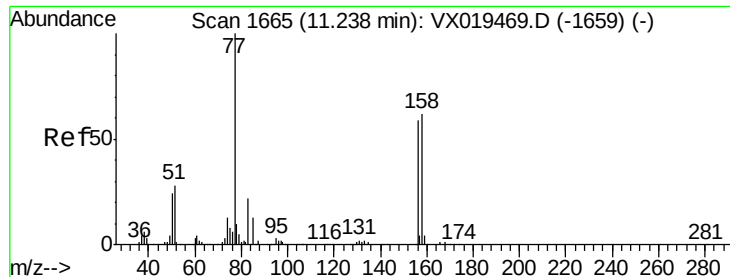
77 31.2 0.0 78.4



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#73

Bromobenzene

Concen: 17.614 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX019486.D

Acq: 19 Nov 2020 23:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

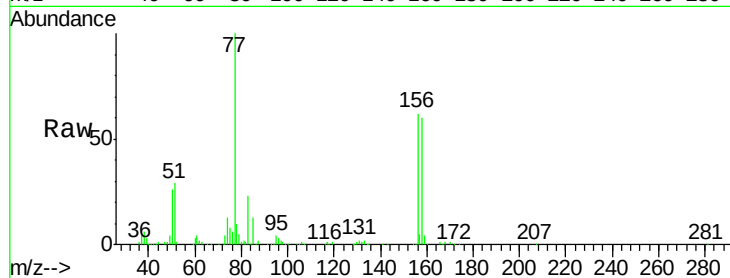
Tot Ion:156 Resp: 62399

Ion Ratio Lower Upper

156 100

77 166.0 0.0 329.0

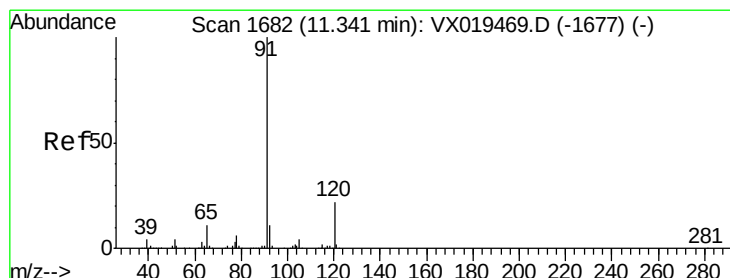
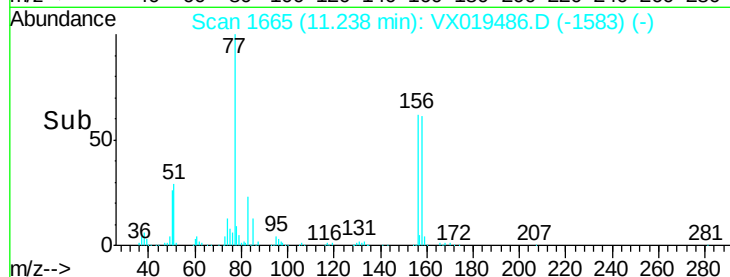
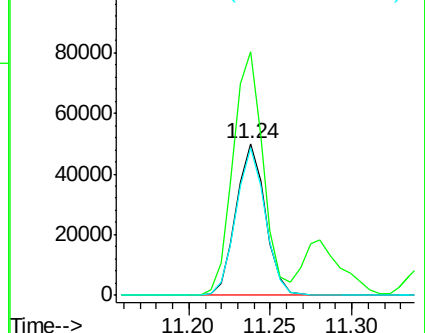
158 97.5 0.0 197.0



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 17.635 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX019486.D

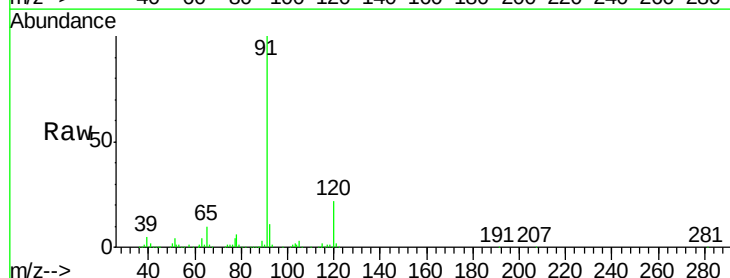
Acq: 19 Nov 2020 23:10

Tgt Ion: 91 Resp: 291249

Ion Ratio Lower Upper

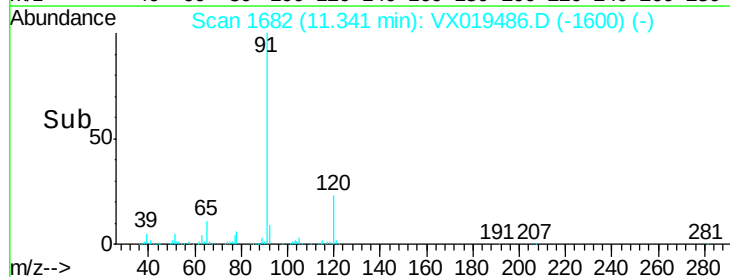
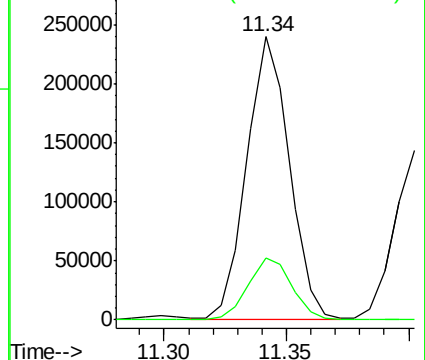
91 100

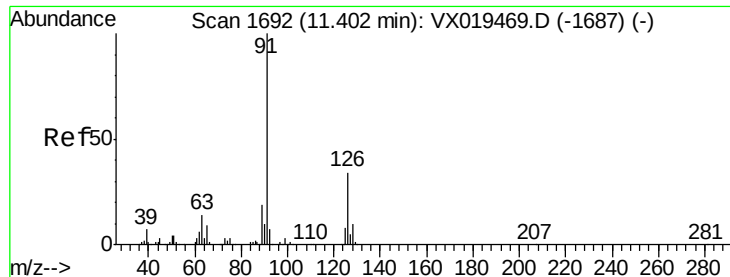
120 22.5 0.0 45.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

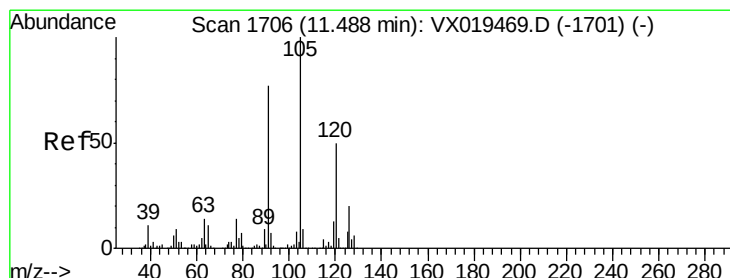
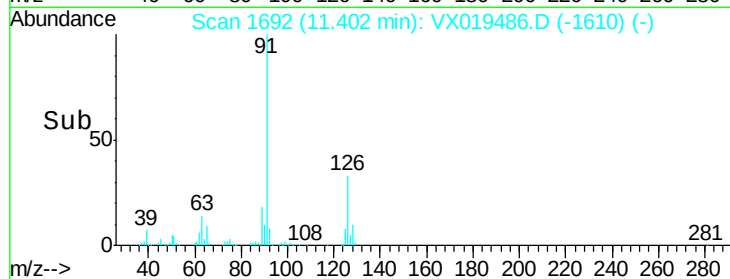
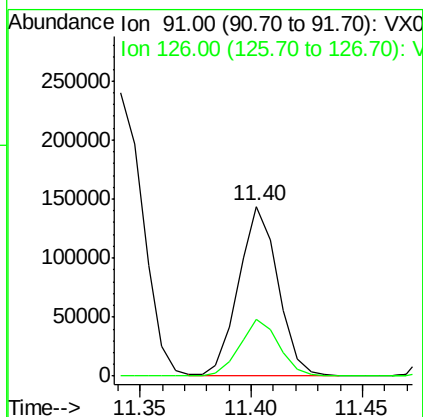
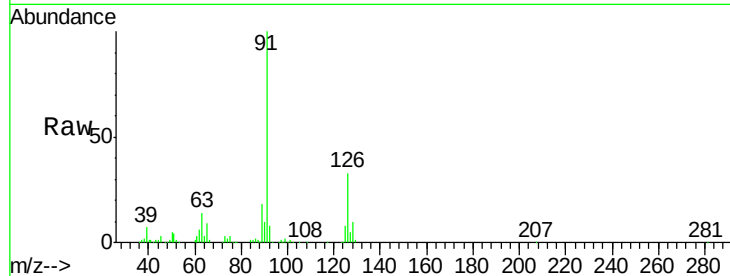




#75
2-Chlorotoluene
Concen: 17.994 ug/l
RT: 11.40 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VX019486.D
Acq: 19 Nov 2020 23:10

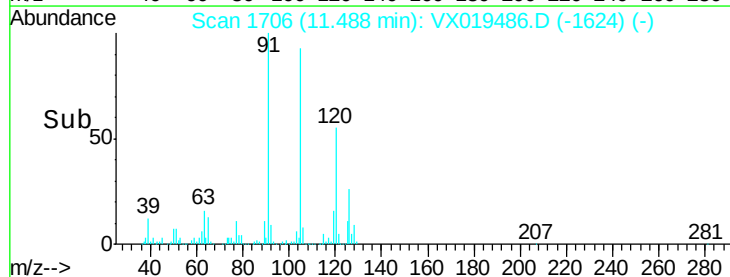
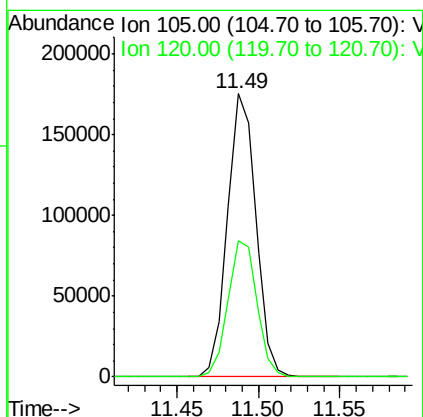
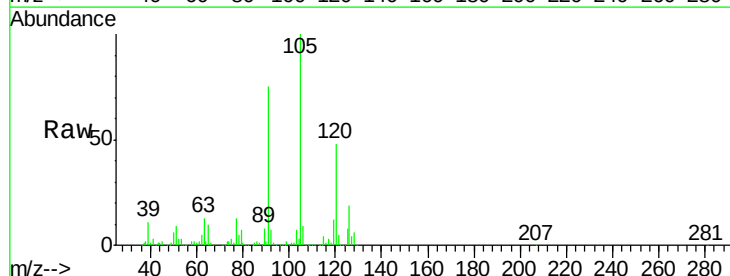
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

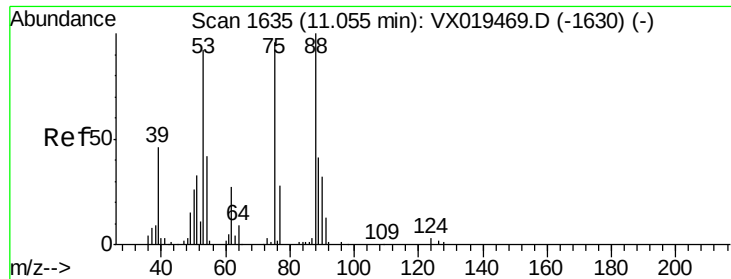
Tot Ion: 91 Resp: 178187
Ion Ratio Lower Upper
91 100
126 33.1 0.0 66.4



#76
1,3,5-Trimethylbenzene
Concen: 17.712 ug/l
RT: 11.49 min Scan# 1706
Delta R.T. -0.00 min
Lab File: VX019486.D
Acq: 19 Nov 2020 23:10

Tgt Ion: 105 Resp: 213168
Ion Ratio Lower Upper
105 100
120 48.9 0.0 99.4

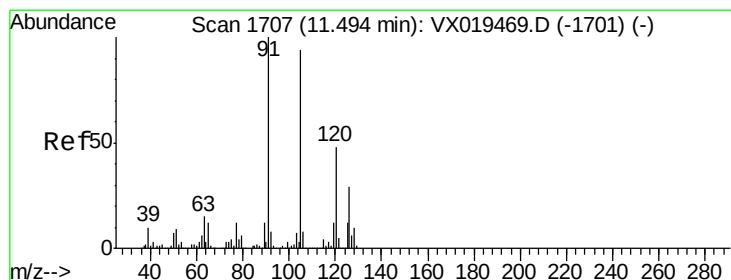
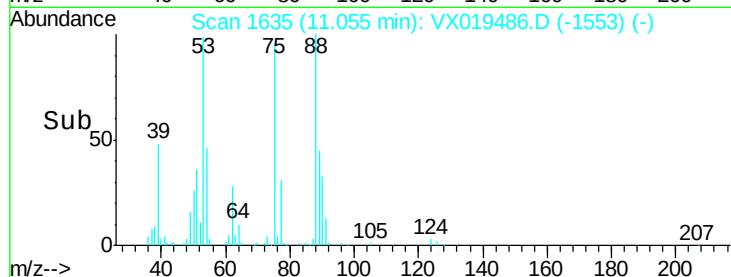
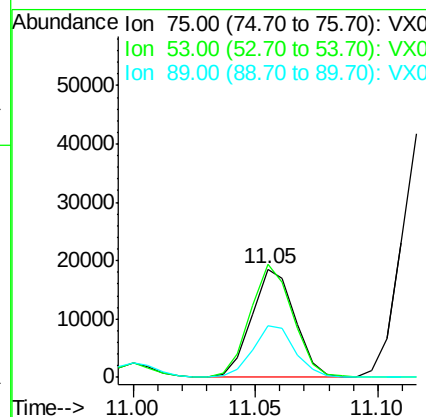
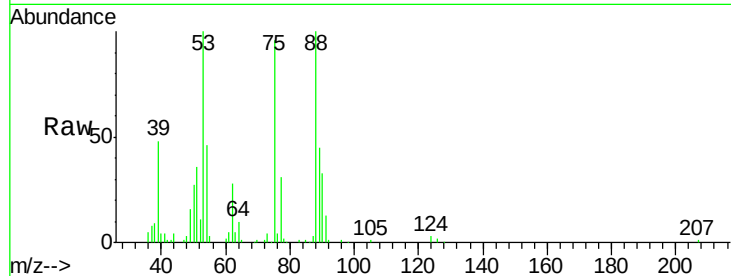




#77
t-1,4-Dichloro-2-butene
Concen: 15.337 ug/l
RT: 11.05 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VX019486.D
Acq: 19 Nov 2020 23:10

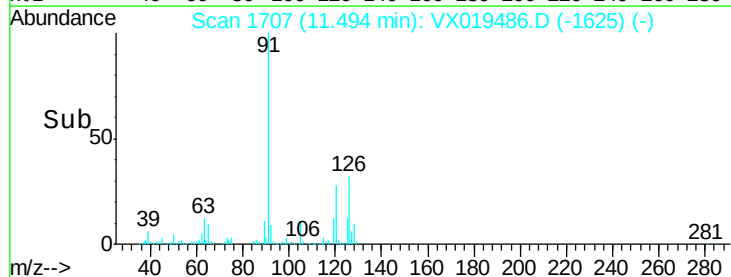
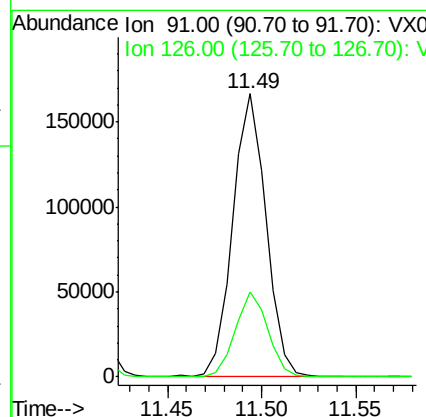
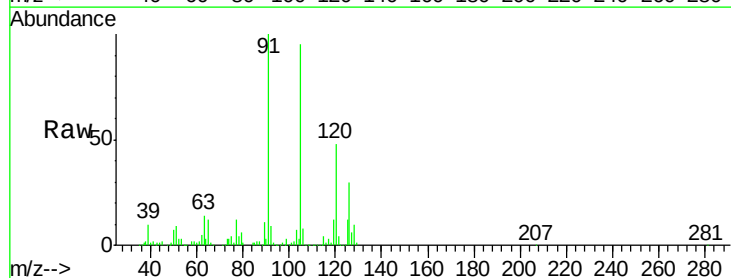
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

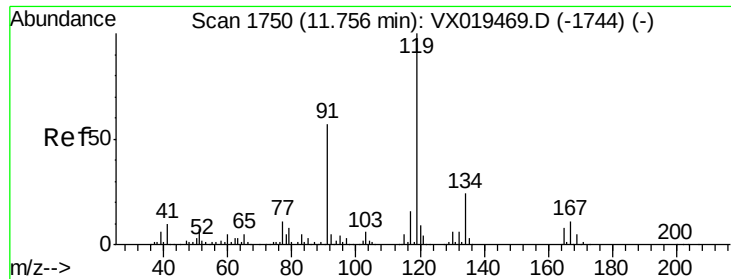
Tot Ion: 75 Resp: 22914
Ion Ratio Lower Upper
75 100
53 104.0 47.9 143.6
89 47.0 21.4 64.2



#78
4-Chlorotoluene
Concen: 17.570 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX019486.D
Acq: 19 Nov 2020 23:10

Tgt Ion: 91 Resp: 203365
Ion Ratio Lower Upper
91 100
126 29.5 0.0 58.6

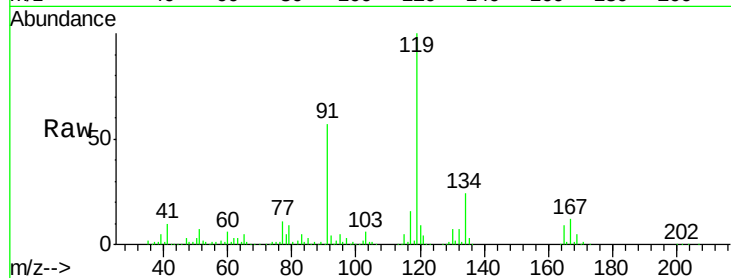




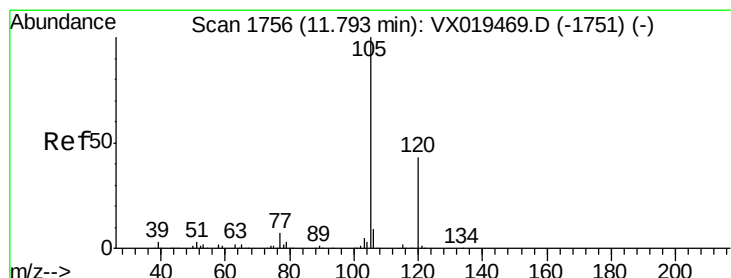
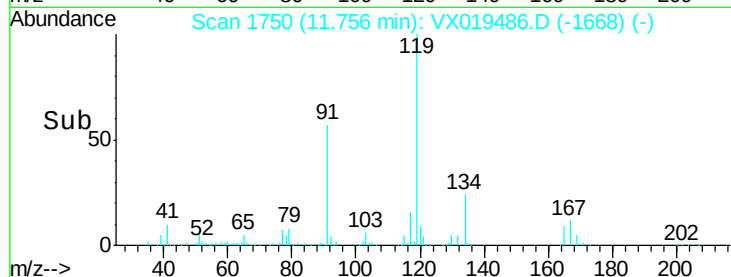
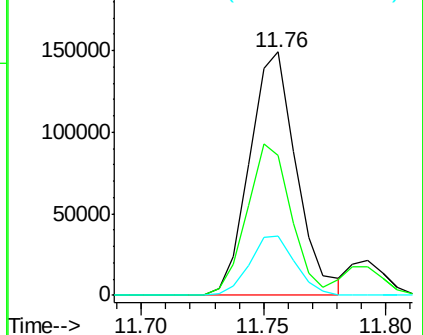
#79
tert-butylbenzene
Concen: 17.214 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX019486.D
Acq: 19 Nov 2020 23:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	59.1	0.0	117.0
134	24.0	0.0	47.2

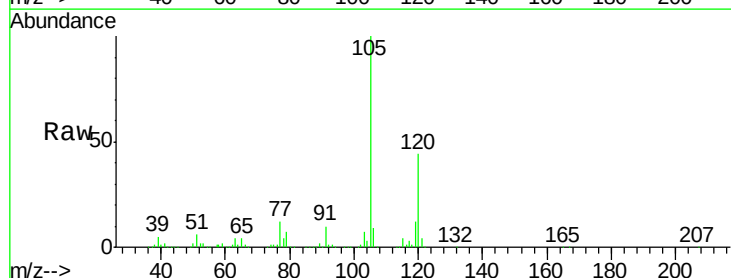


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

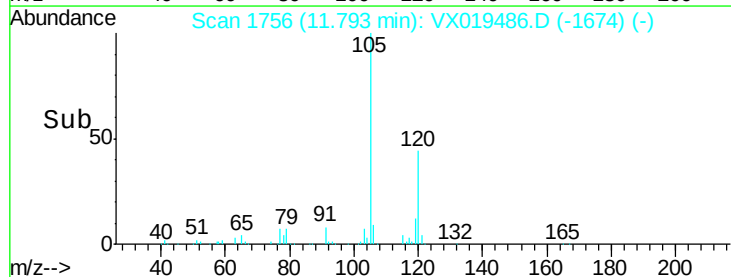
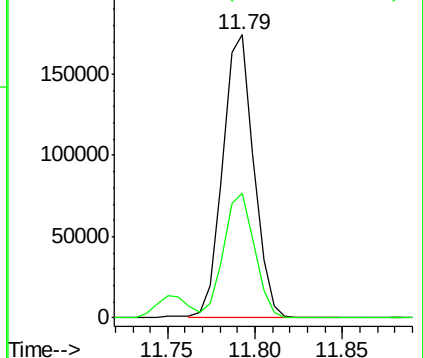


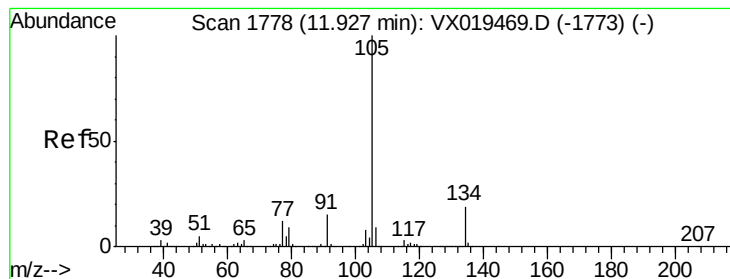
#80
1,2,4-Trimethylbenzene
Concen: 17.740 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX019486.D
Acq: 19 Nov 2020 23:10

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.3	0.0	91.2



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#81

sec-Butylbenzene

Concen: 17.426 ug/l

RT: 11.93 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX019486.D

Acq: 19 Nov 2020 23:10

Instrument :

MSVOA_X

ClientSampleId :

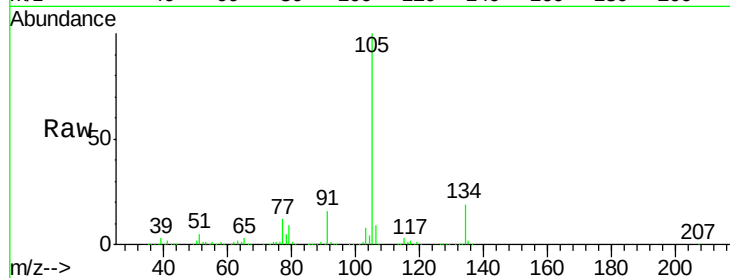
VSTDCCC020EC

Tot Ion:105 Resp: 241472

Ion Ratio Lower Upper

105 100

134 19.6 0.0 39.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

200000

150000

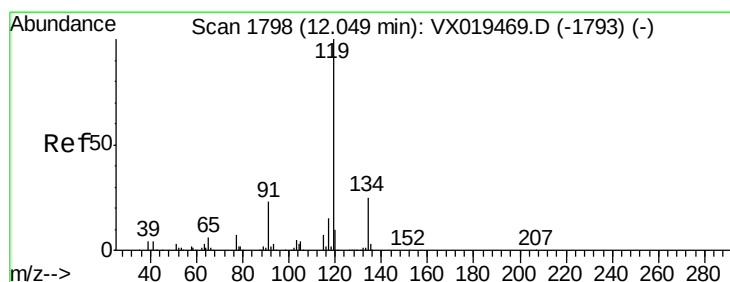
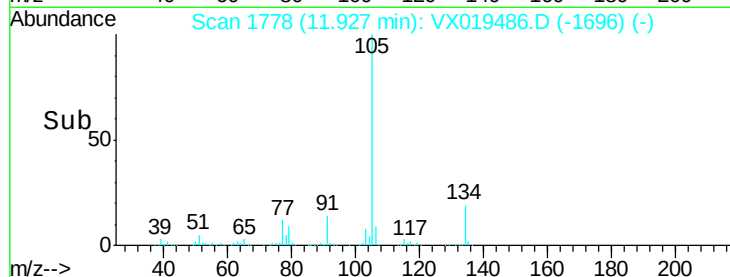
100000

50000

0

11.90 11.95

Time-->



#82

p-Isopropyltoluene

Concen: 17.248 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX019486.D

Acq: 19 Nov 2020 23:10

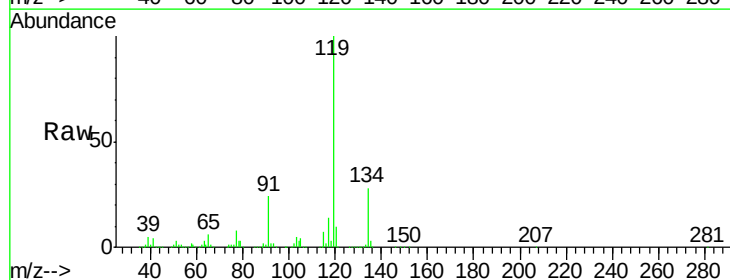
Tgt Ion:119 Resp: 217350

Ion Ratio Lower Upper

119 100

134 26.6 0.0 51.8

91 23.9 0.0 47.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

250000

200000

150000

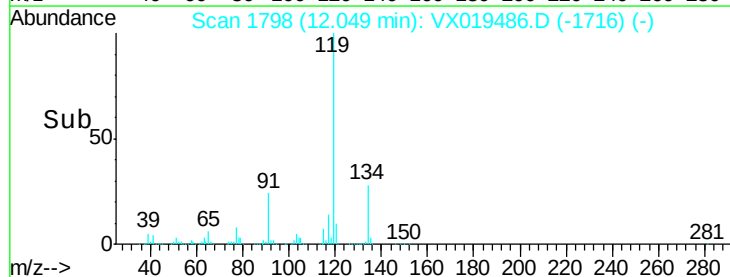
100000

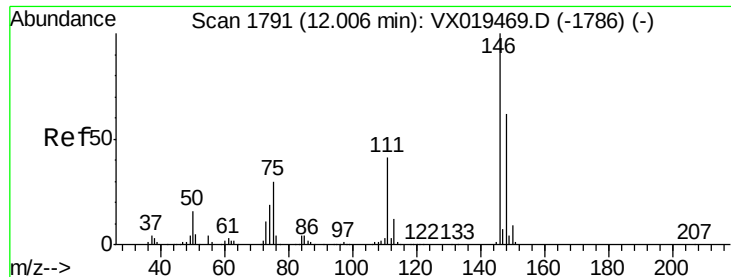
50000

0

12.00 12.05

Time-->

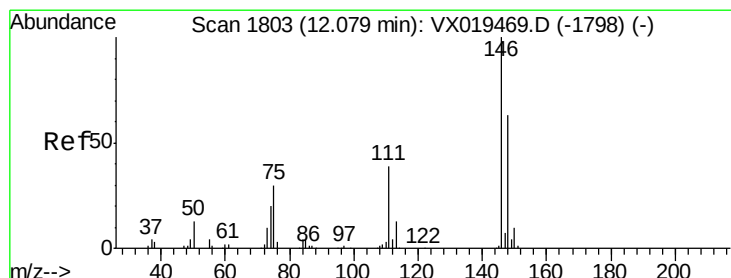
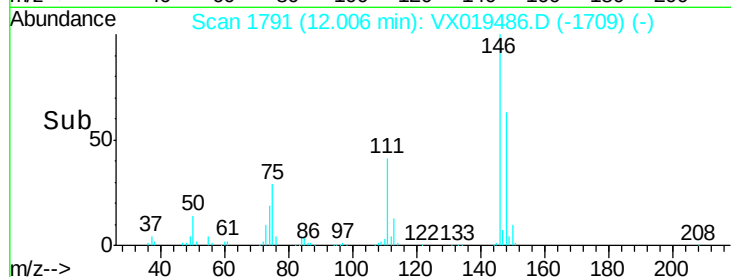
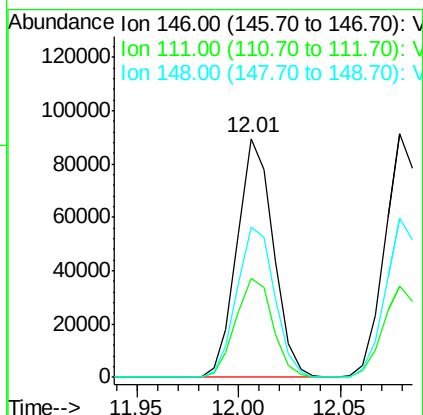
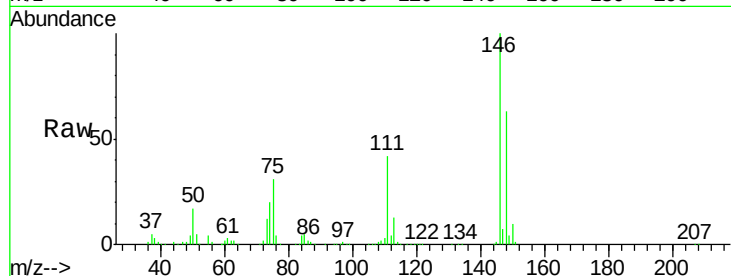




#83
 1,3-Dichlorobenzene
 Concen: 16.957 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX019486.D
 Acq: 19 Nov 2020 23:10

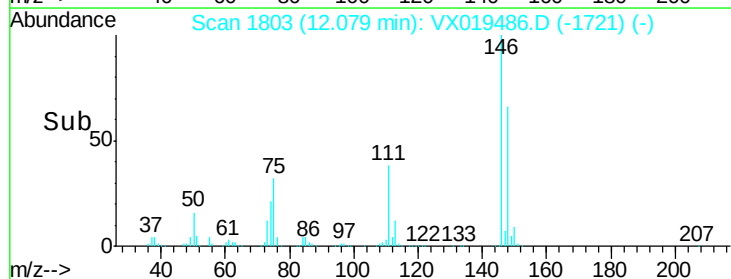
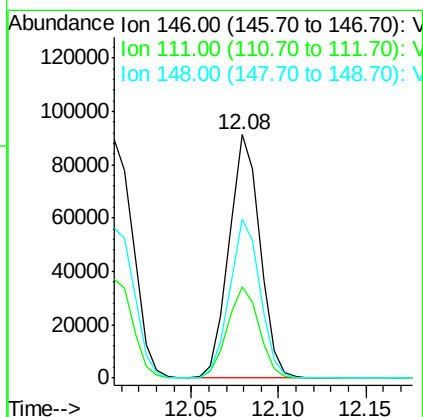
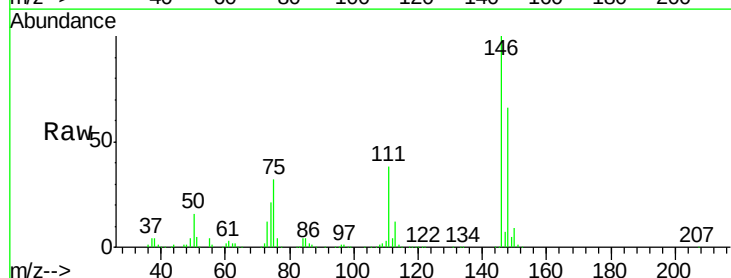
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

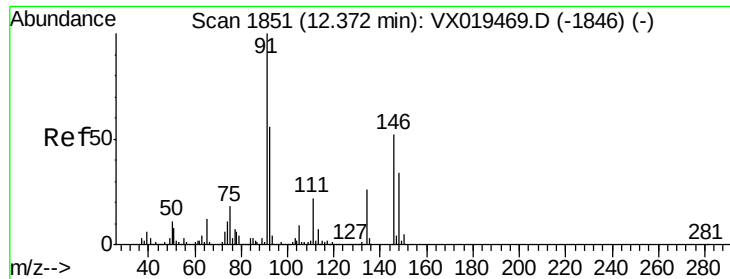
Tot Ion:146 Resp: 110813
 Ion Ratio Lower Upper
 146 100
 111 42.3 20.0 60.0
 148 65.8 31.4 94.0



#84
 1,4-Dichlorobenzene
 Concen: 16.978 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX019486.D
 Acq: 19 Nov 2020 23:10

Tgt Ion:146 Resp: 112267
 Ion Ratio Lower Upper
 146 100
 111 38.7 19.3 57.9
 148 64.7 31.4 94.2





#85

n-Butylbenzene

Concen: 16.247 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.00 min

Lab File: VX019486.D

Acq: 19 Nov 2020 23:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

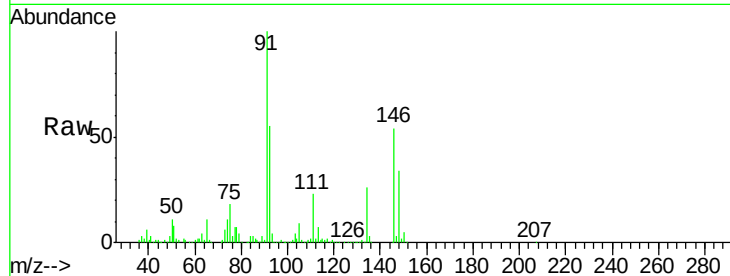
Tot Ion: 91 Resp: 186820

Ion Ratio Lower Upper

91 100

92 54.4 0.0 111.2

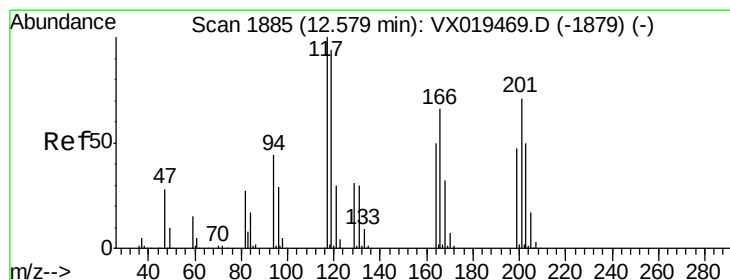
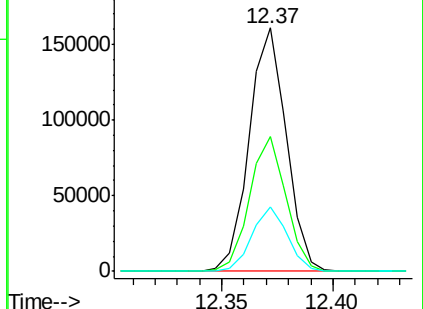
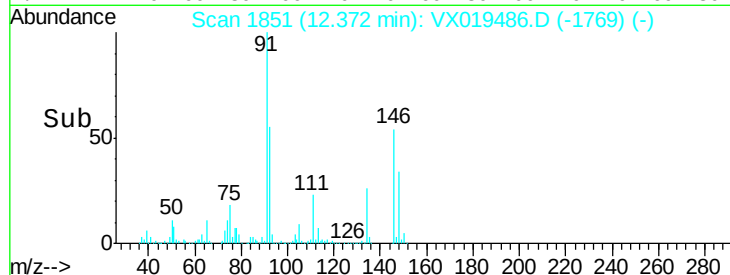
134 25.6 0.0 51.2



Abundance Ion 91.00 (90.70 to 91.70): VX019486.D (-1846) (-)

Ion 92.00 (91.70 to 92.70): VX019486.D (-1846) (-)

Ion 134.00 (133.70 to 134.70): VX019486.D (-1846) (-)



#86

Hexachloroethane

Concen: 16.357 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX019486.D

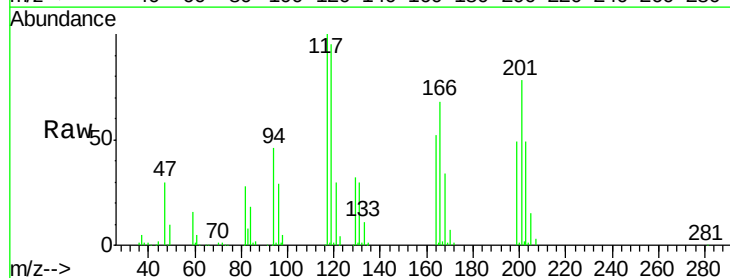
Acq: 19 Nov 2020 23:10

Tgt Ion: 117 Resp: 34693

Ion Ratio Lower Upper

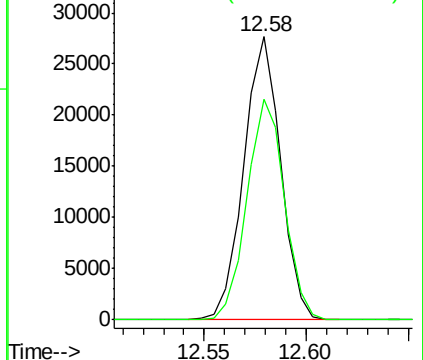
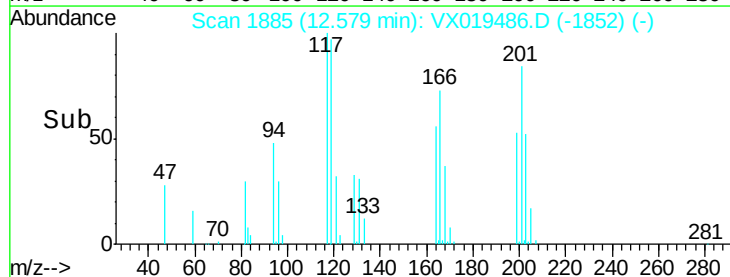
117 100

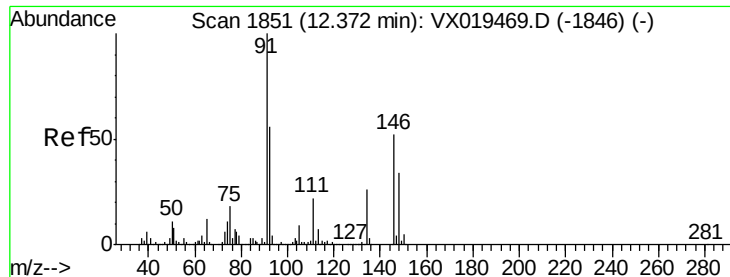
201 79.3 38.4 115.1



Abundance Ion 117.00 (116.70 to 117.70): VX019486.D (-1879) (-)

Ion 201.00 (200.70 to 201.70): VX019486.D (-1879) (-)

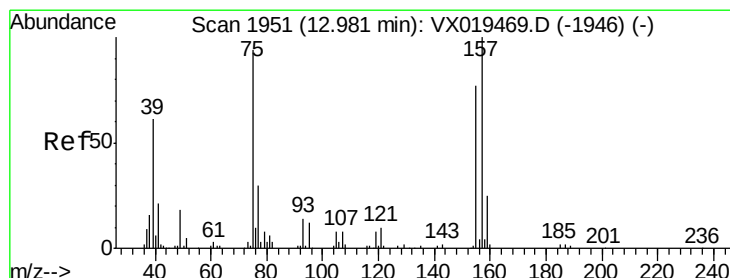
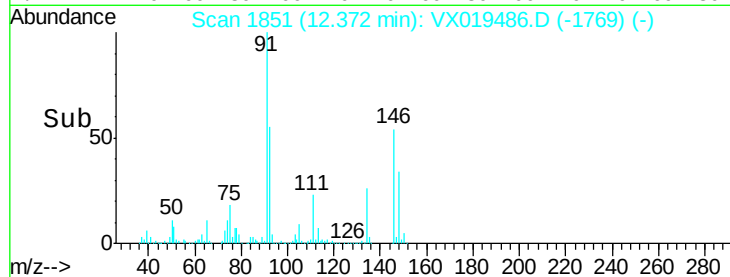
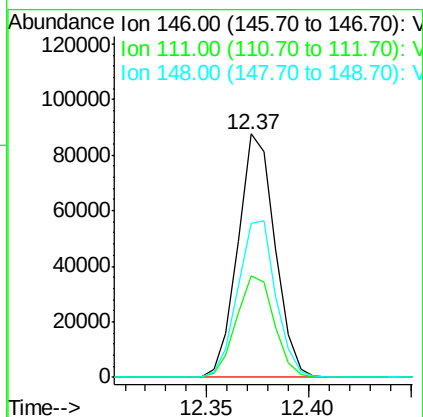
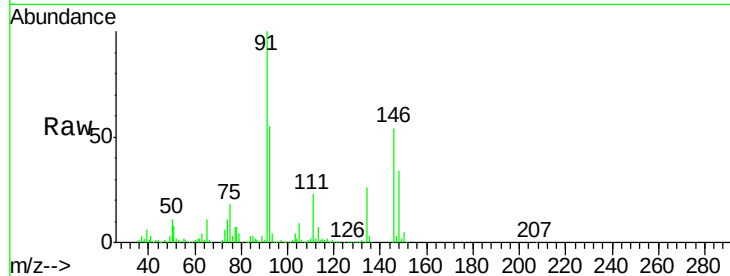




#87
 1,2-Dichlorobenzene
 Concen: 17.087 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.00 min
 Lab File: VX019486.D
 Acq: 19 Nov 2020 23:10

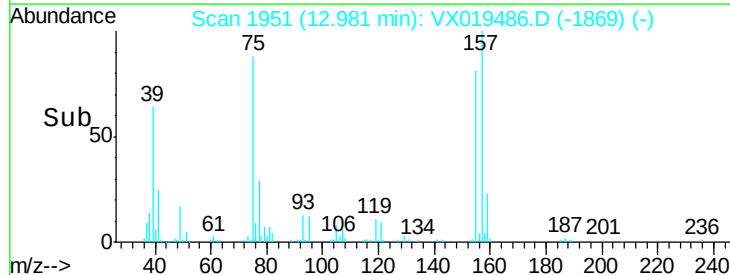
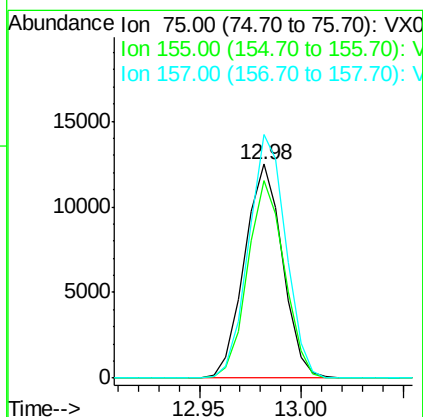
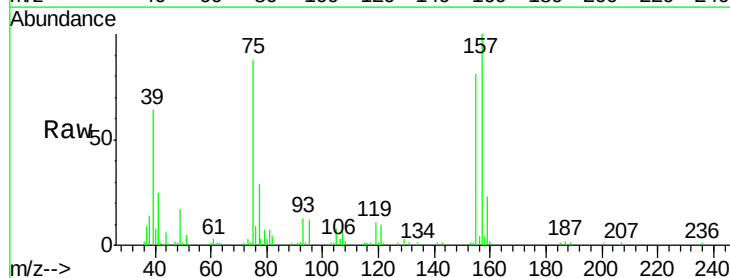
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

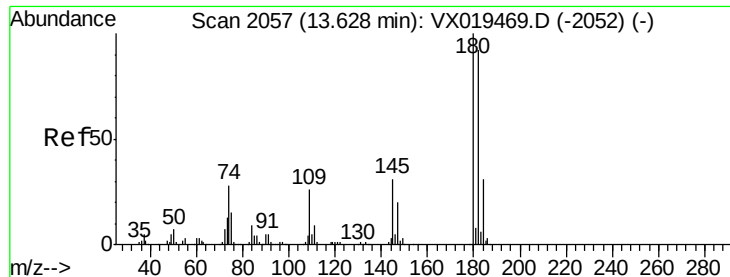
Tot Ion:146 Resp: 110402
 Ion Ratio Lower Upper
 146 100
 111 42.6 20.5 61.6
 148 65.9 31.5 94.5



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 15.907 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX019486.D
 Acq: 19 Nov 2020 23:10

Tgt Ion: 75 Resp: 16213
 Ion Ratio Lower Upper
 75 100
 155 88.9 68.6 103.0
 157 111.4 90.0 135.0





#89

1,2,4-Trichlorobenzene

Concen: 16.276 ug/l

RT: 13.63 min Scan# 2057

Delta R.T. -0.00 min

Lab File: VX019486.D

Acq: 19 Nov 2020 23:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

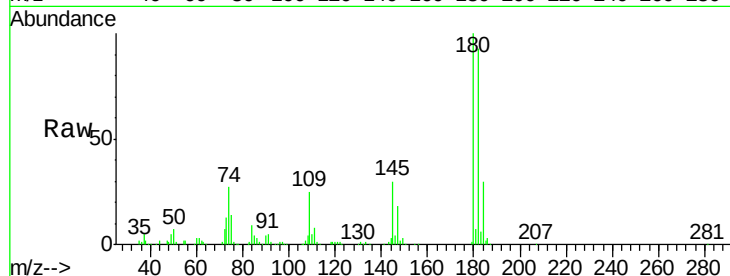
Tot Ion:180 Resp: 70190

Ion Ratio Lower Upper

180 100

182 96.8 76.1 114.1

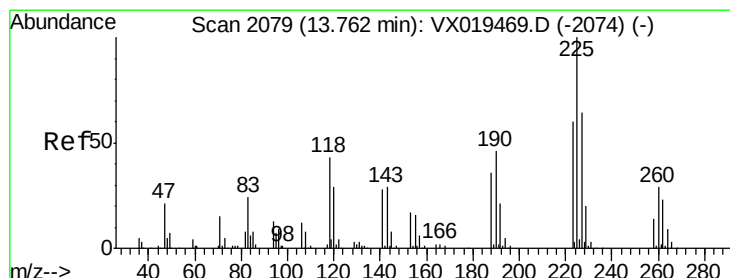
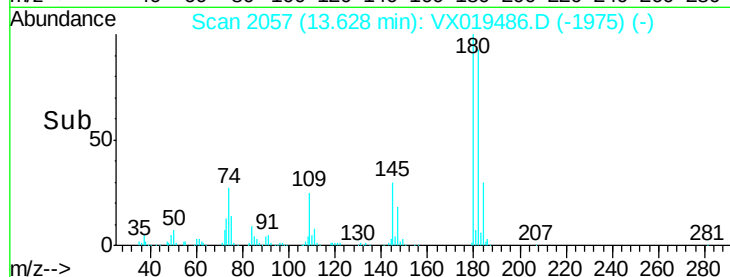
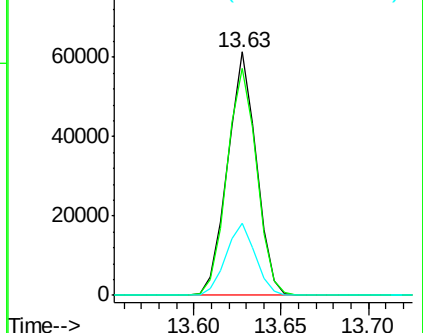
145 30.4 24.7 37.1



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V



#90

Hexachlorobutadiene

Concen: 15.823 ug/l

RT: 13.76 min Scan# 2079

Delta R.T. -0.00 min

Lab File: VX019486.D

Acq: 19 Nov 2020 23:10

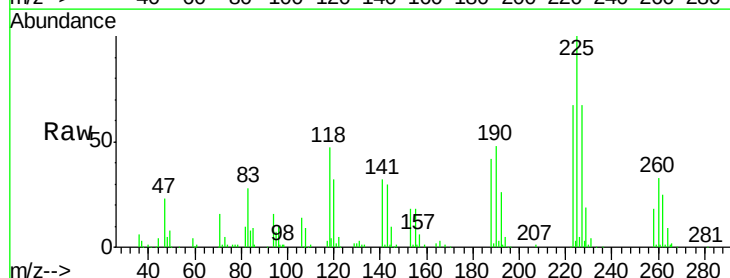
Tgt Ion:225 Resp: 30672

Ion Ratio Lower Upper

225 100

223 65.4 0.0 119.2

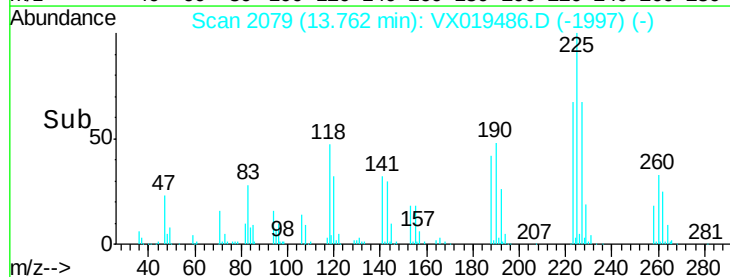
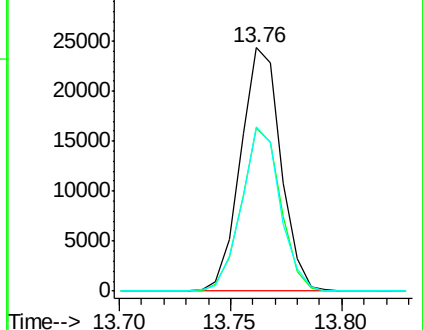
227 65.0 0.0 126.4

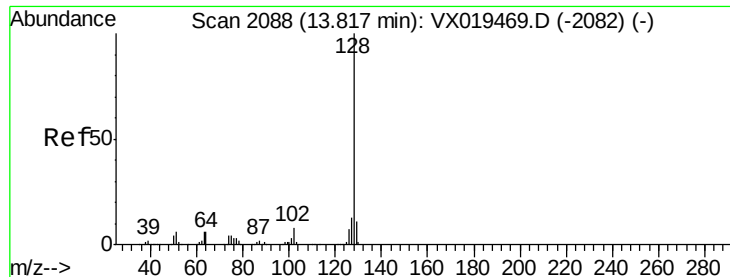


Abundance Ion 225.00 (224.70 to 225.70): V

Ion 223.00 (222.70 to 223.70): V

Ion 227.00 (226.70 to 227.70): V

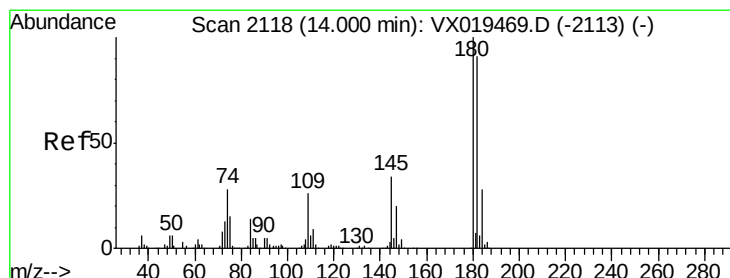
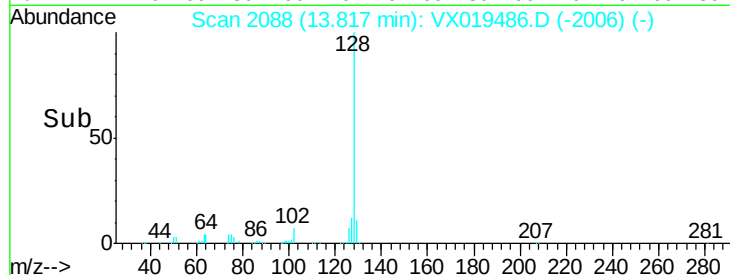
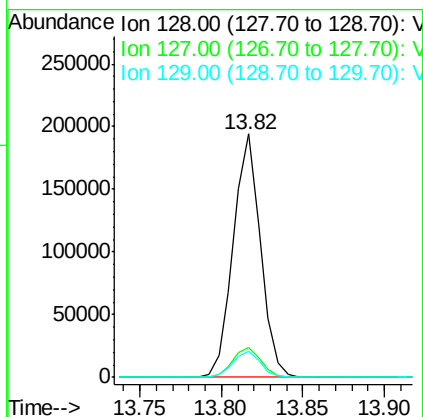
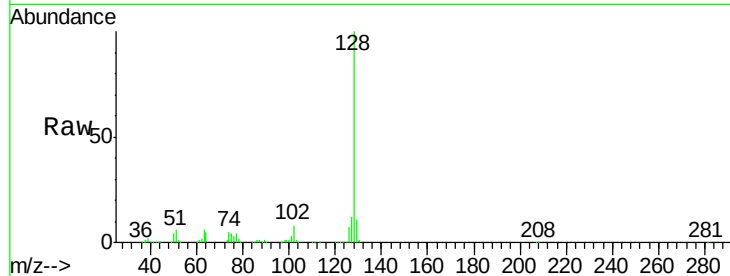




#91
Naphthalene
Concen: 16.445 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX019486.D
Acq: 19 Nov 2020 23:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion:128 Resp: 225591
Ion Ratio Lower Upper
128 100
127 12.7 10.1 15.1
129 11.0 8.6 12.8



#92
1,2,3-Trichlorobenzene
Concen: 16.468 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX019486.D
Acq: 19 Nov 2020 23:10

Tgt Ion:180 Resp: 71000
Ion Ratio Lower Upper
180 100
182 96.2 0.0 192.2
145 33.0 0.0 63.6

