

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX102320\NOT REVIEWED DATA\
 Data File : VX019069.D
 Acq On : 23 Oct 2020 10:16
 Operator : JC/SP
 Sample : VSTDICCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDICCC020

Quant Time: Oct 23 19:19:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X102320W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Oct 23 14:24:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.98	128	44980	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.83	114	254932	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	226671	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	92638	30.92	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	103.07%
60) 4-Bromofluorobenzene	11.12	95	100297	29.48	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	98.27%
63) Toluene-d8	8.70	98	303169	30.29	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	100.97%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.18	85	38881	17.201	ug/l 100
3) Chloromethane	1.31	50	35989	17.620	ug/l 100
4) Vinyl Chloride	1.39	62	46874	17.511	ug/l 100
5) Bromomethane	1.64	94	40785	19.817	ug/l 100
6) Chloroethane	1.72	64	31229	17.215	ug/l 100
7) Trichlorofluoromethane	1.92	101	78623	16.867	ug/l 100
8) Diethyl Ether	2.17	74	30148	17.255	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	38262	17.179	ug/l 100
10) 1,1-Dichloroethene	2.36	96	38592	17.044	ug/l 100
11) Methyl Iodide	2.49	142	26908	16.384	ug/l 100
12) Methyl Acetate	2.75	43	38398	17.130	ug/l 100
13) Acrolein	2.28	56	13627	66.025	ug/l 100
14) Acrylonitrile	3.12	53	89269	84.771	ug/l 100
15) Acetone	2.42	58	23806	78.916	ug/l 100
16) Carbon Disulfide	2.55	76	107570	17.092	ug/l 100
17) Allyl chloride	2.71	41	47409	16.762	ug/l 100
18) Methylene Chloride	2.84	84	44257	17.139	ug/l 100
19) trans-1,2-Dichloroethene	3.14	96	45251	17.111	ug/l 100
20) Diisopropyl ether	3.82	45	96795	16.894	ug/l 100
21) 1,1-Dichloroethane	3.67	63	72027	17.122	ug/l 100
22) cis-1,2-Dichloroethene	4.57	96	52154	17.025	ug/l 100
23) tert-Butyl Alcohol	3.01	59	42779	83.793	ug/l 100
24) Methyl tert-Butyl Ether	3.17	73	121443	16.962	ug/l 100
25) Chloroform	5.18	83	79142	16.979	ug/l 100
26) Cyclohexane	5.55	56	55201	16.886	ug/l # 100
29) 1,1-Dichloropropene	5.77	75	59932	16.664	ug/l 100
30) 2-Butanone	4.64	43	117513	82.020	ug/l 100
31) 2,2-Dichloropropane	4.55	77	69061	16.783	ug/l 100
32) 1,1,1-Trichloroethane	5.46	97	72276	16.720	ug/l 100
33) Carbon Tetrachloride	5.76	117	61076	16.282	ug/l 100
34) Benzene	6.11	78	176607	16.689	ug/l 100
35) Methacrylonitrile	5.01	41	26940	17.369	ug/l 100
36) 1,2-Dichloroethane	6.16	62	60922	16.783	ug/l 100
37) Trichloroethene	7.18	130	49832	16.383	ug/l 100
38) Methylcyclohexane	7.44	83	66634	16.529	ug/l 100
39) 1,2-Dichloropropane	7.49	63	40050	16.305	ug/l 100
40) Dibromomethane	7.63	93	31335	16.437	ug/l 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.87	83	60966	16.176	ug/l	100
42) Vinyl Acetate	3.78	43	468931	84.117	ug/l	100
43) Ethyl Acetate	4.79	43	49464	16.457	ug/l	100
44) Isopropyl Acetate	6.41	43	82195	16.331	ug/l	100
45) 1,4-Dioxane	7.73	88	18114	342.405	ug/l	100
46) Methyl methacrylate	7.74	41	40188	16.871	ug/l	100
47) n-amyl Acetate	10.88	43	65551	16.237	ug/l	100
48) t-1,3-Dichloropropene	9.02	75	68073	16.134	ug/l	100
49) cis-1,3-Dichloropropene	8.42	75	73047	16.269	ug/l	100
50) 1,1,2-Trichloroethane	9.20	97	44841	16.240	ug/l	100
51) Ethyl methacrylate	9.16	69	64995	16.132	ug/l	100
52) 1,3-Dichloropropane	9.35	76	74398	16.540	ug/l	100
53) Dibromochloromethane	9.57	129	47364	15.409	ug/l	100
54) 1,2-Dibromoethane	9.65	107	48975	16.323	ug/l	100
55) 2-Chloroethyl vinyl ether	8.29	63	200486	93.113	ug/l	100
56) Bromoform	10.84	173	32390	15.073	ug/l	100
58) 4-Methyl-2-Pentanone	8.62	43	245346	85.830	ug/l	100
59) 2-Hexanone	9.47	43	185476	87.074	ug/l	100
61) Tetrachloroethene	9.32	164	45635	16.970	ug/l	100
62) Toluene	8.76	91	199184	16.720	ug/l	100
64) Chlorobenzene	10.12	112	121433	16.398	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.20	131	43787	16.258	ug/l	100
66) Ethyl Benzene	10.23	91	216962	16.612	ug/l	100
67) m/p-Xylenes	10.34	106	164054	32.936	ug/l	100
68) o-Xylene	10.68	106	76826	16.172	ug/l	100
69) Styrene	10.70	104	127773	15.964	ug/l	100
70) Isopropylbenzene	11.00	105	206952	16.202	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.25	83	61252	16.610	ug/l	100
72) 1,2,3-Trichloropropane	11.28	75	71840	21.663	ug/l	86
73) Bromobenzene	11.24	156	50531	16.187	ug/l	100
74) n-propylbenzene	11.34	91	237996	16.455	ug/l	100
75) 2-Chlorotoluene	11.40	91	133204	16.282	ug/l	100
76) 1,3,5-Trimethylbenzene	11.49	105	167069	16.119	ug/l	100
77) t-1,4-Dichloro-2-butene	11.05	75	20958	15.914	ug/l	100
78) 4-Chlorotoluene	11.49	91	156531	16.282	ug/l	100
79) tert-butylbenzene	11.76	119	165167	16.182	ug/l	100
80) 1,2,4-Trimethylbenzene	11.79	105	168826	16.385	ug/l	100
81) sec-Butylbenzene	11.93	105	196853	16.300	ug/l	100
82) p-Isopropyltoluene	12.05	119	179003	16.082	ug/l	100
83) 1,3-Dichlorobenzene	12.01	146	90250	16.175	ug/l	100
84) 1,4-Dichlorobenzene	12.08	146	91209	16.100	ug/l	100
85) n-Butylbenzene	12.37	91	159765	16.031	ug/l	100
86) Hexachloroethane	12.58	117	25976	15.194	ug/l	100
87) 1,2-Dichlorobenzene	12.38	146	86517	16.197	ug/l	100
88) 1,2-Dibromo-3-Chloropropan	12.98	75	13392	16.046	ug/l	100
89) 1,2,4-Trichlorobenzene	13.63	180	60675	15.785	ug/l	100
90) Hexachlorobutadiene	13.76	225	25475	15.630	ug/l	100
91) Naphthalene	13.82	128	199070	15.820	ug/l	100
92) 1,2,3-Trichlorobenzene	14.00	180	58653	15.862	ug/l	100

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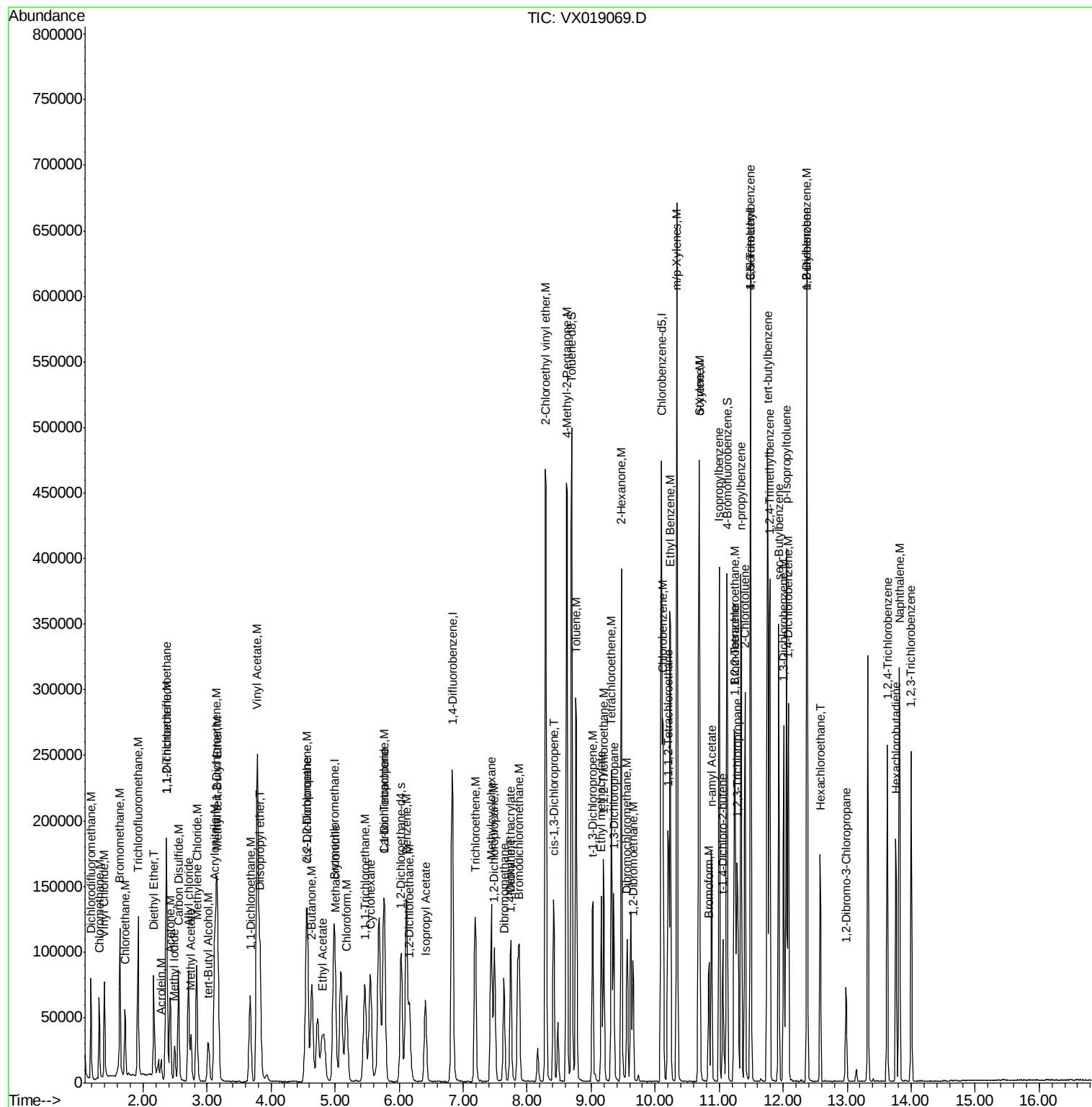
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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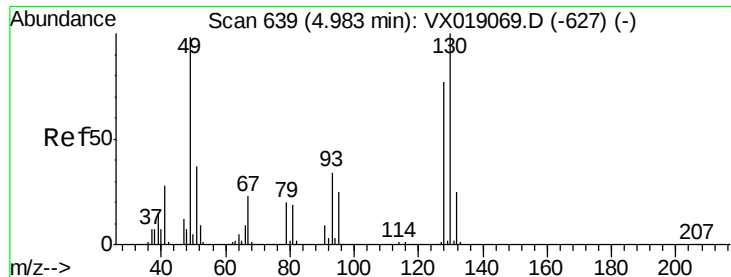
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :
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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 4.98 min Scan# 639

Delta R.T. 0.00 min

Lab File: VX019069.D

Acq: 23 Oct 2020 10:16

Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC020

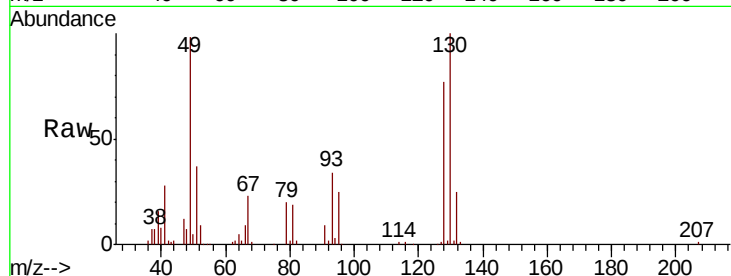
Tot Ion:128 Resp: 44980

Ion Ratio Lower Upper

128 100

49 127.5 0.0 318.8

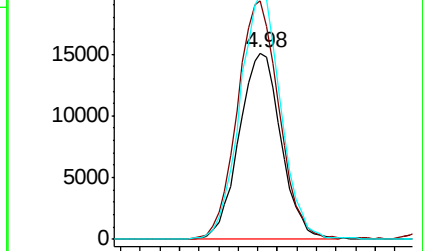
130 128.7 0.0 321.8



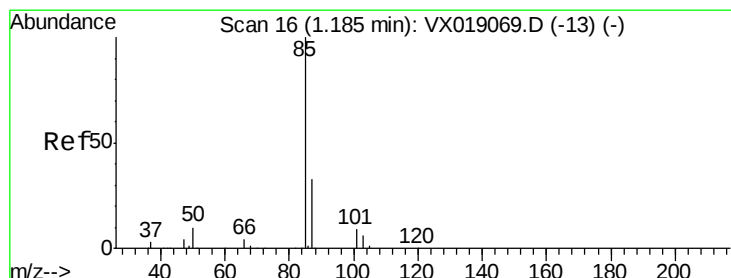
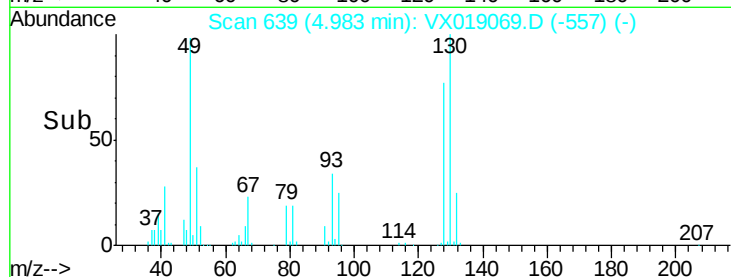
Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



Time-->



#2

Dichlorodifluoromethane

Concen: 17.201 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX019069.D

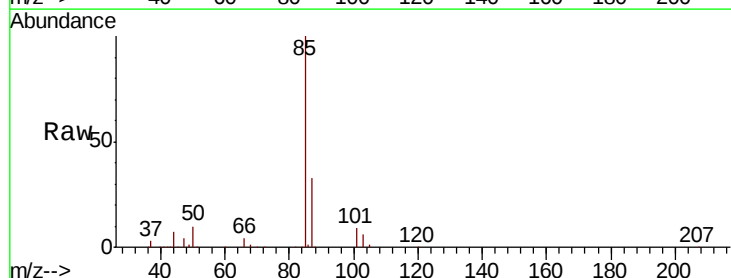
Acq: 23 Oct 2020 10:16

Tgt Ion: 85 Resp: 38881

Ion Ratio Lower Upper

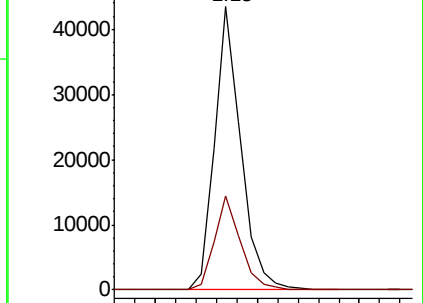
85 100

87 33.1 16.6 49.7

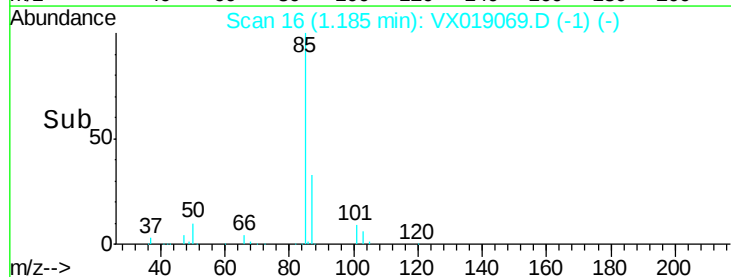


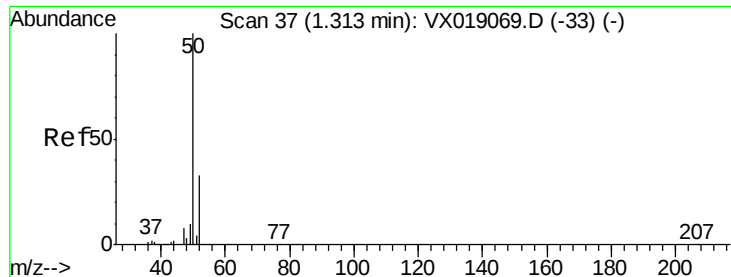
Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



Time-->

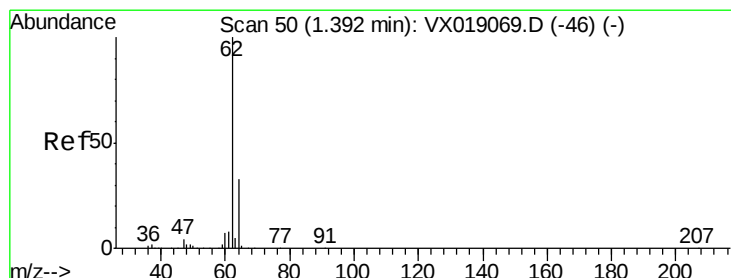
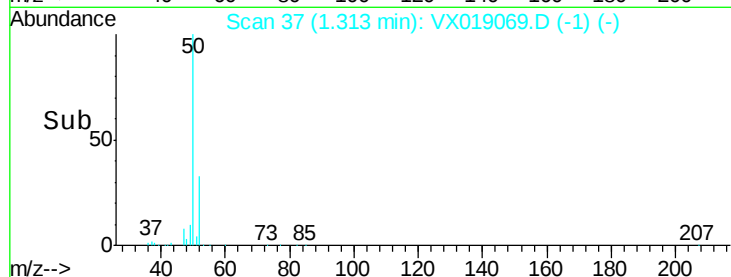
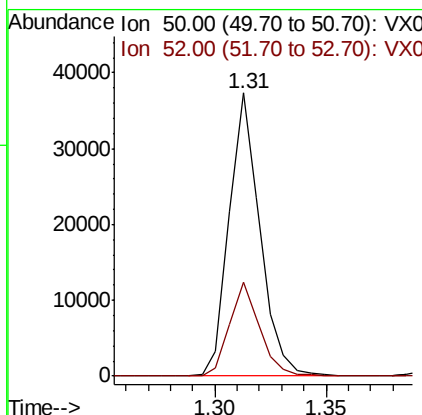
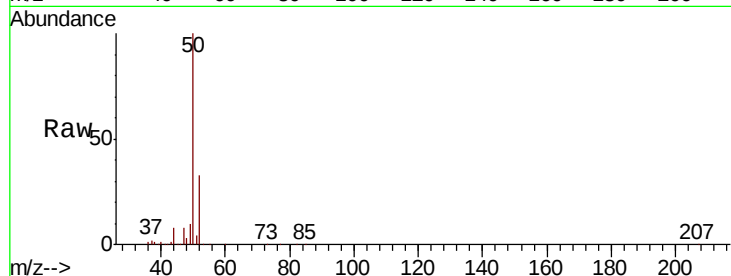




#3
Chloromethane
Concen: 17.620 ug/l
RT: 1.31 min Scan# 37
Delta R.T. 0.00 min
Lab File: VX019069.D
Acq: 23 Oct 2020 10:16

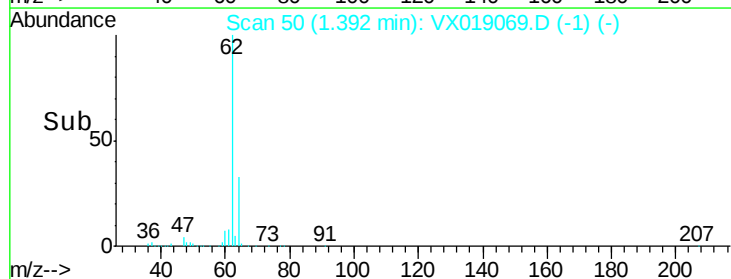
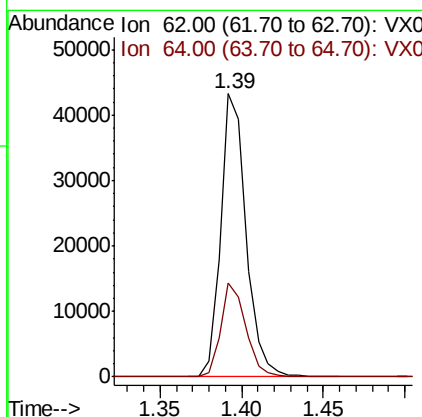
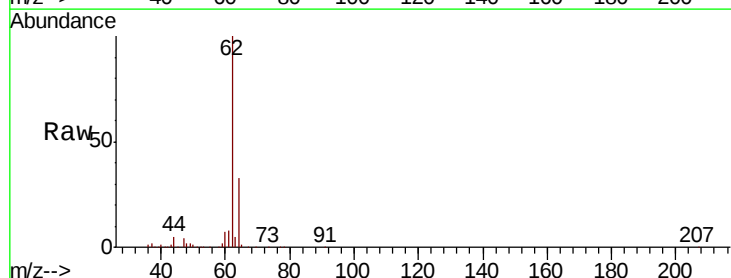
Instrument :
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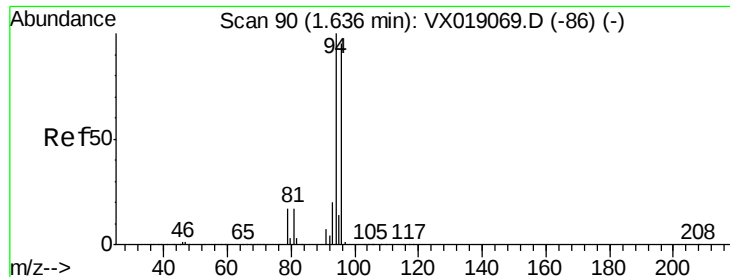
Tot Ion: 50 Resp: 35989
Ion Ratio Lower Upper
50 100
52 33.4 26.7 40.1



#4
Vinyl Chloride
Concen: 17.511 ug/l
RT: 1.39 min Scan# 50
Delta R.T. 0.00 min
Lab File: VX019069.D
Acq: 23 Oct 2020 10:16

Tgt Ion: 62 Resp: 46874
Ion Ratio Lower Upper
62 100
64 33.4 26.7 40.1





#5

Bromomethane

Concen: 19.817 ug/l

RT: 1.64 min Scan# 90

Delta R.T. 0.00 min

Lab File: VX019069.D

Acq: 23 Oct 2020 10:16

Instrument :

MSVOA_V

ClientSampleId :

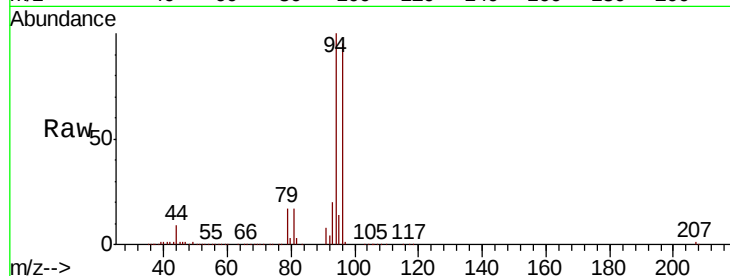
VSTDICCC020

Tot Ion: 94 Resp: 40785

Ion Ratio Lower Upper

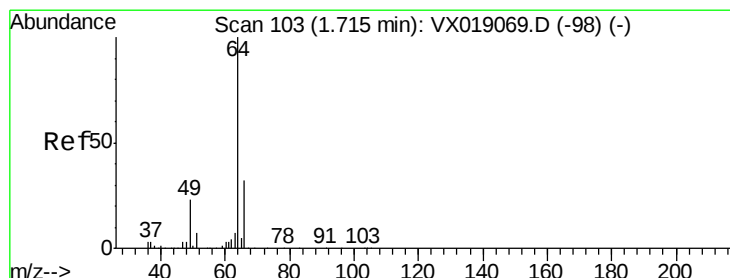
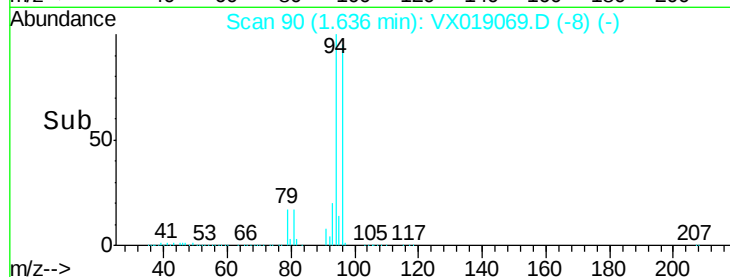
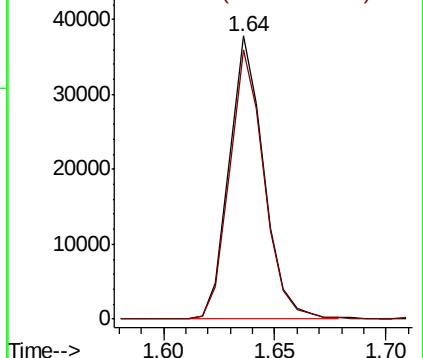
94 100

96 95.2 76.2 114.2



Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0



#6

Chloroethane

Concen: 17.215 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.00 min

Lab File: VX019069.D

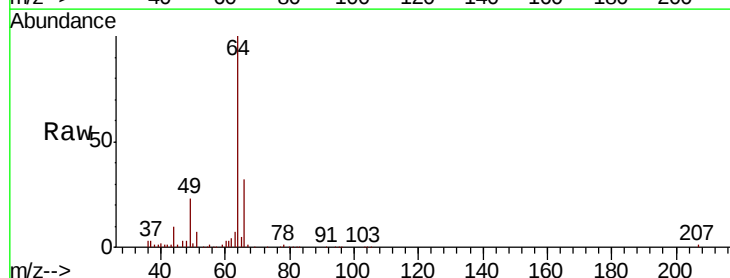
Acq: 23 Oct 2020 10:16

Tgt Ion: 64 Resp: 31229

Ion Ratio Lower Upper

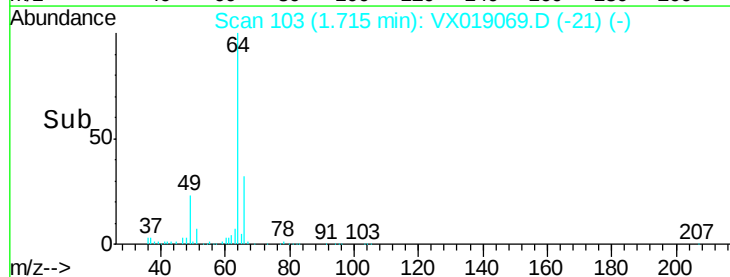
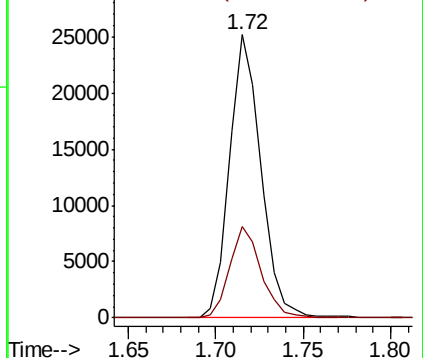
64 100

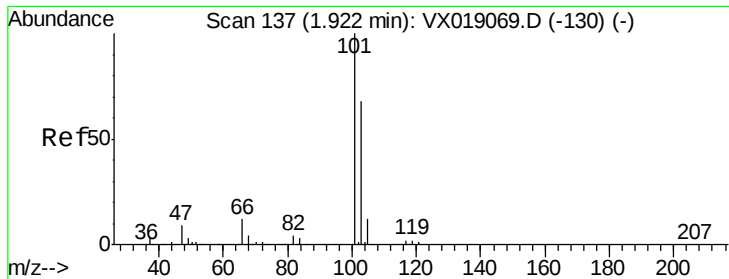
66 32.4 25.9 38.9



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0



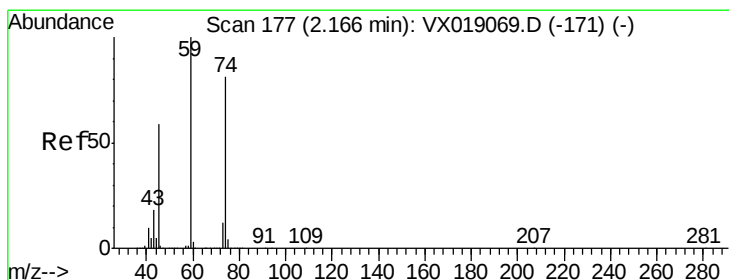
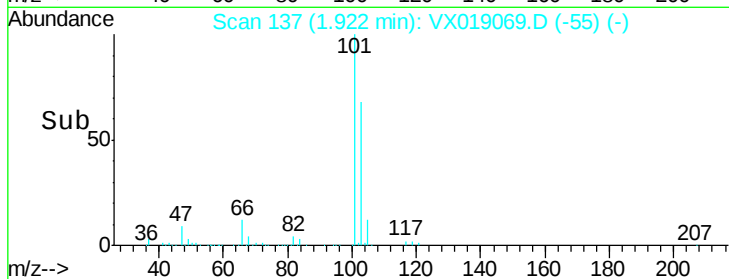
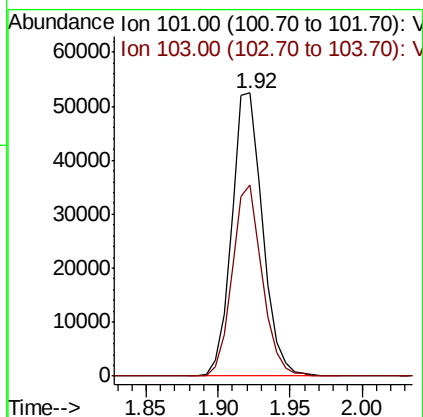
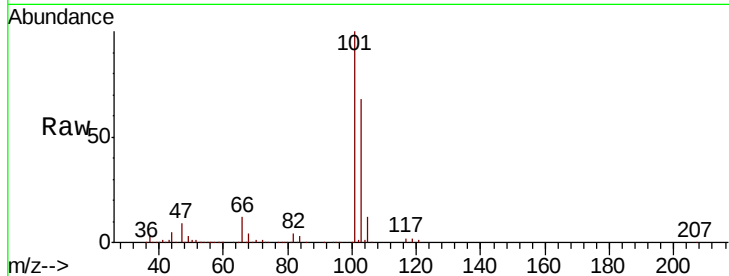


#7

Trichlorofluoromethane
 Concen: 16.867 ug/l
 RT: 1.92 min Scan# 137
 Delta R.T. 0.00 min
 Lab File: VX019069.D
 Acq: 23 Oct 2020 10:16

Instrument :
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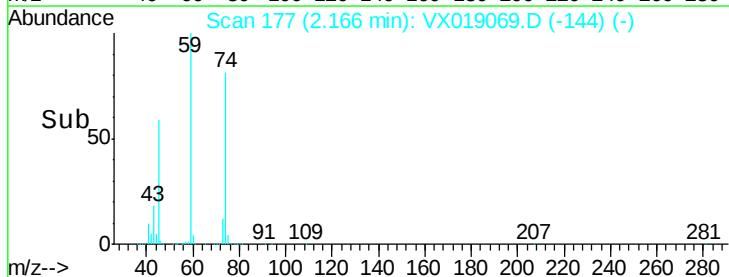
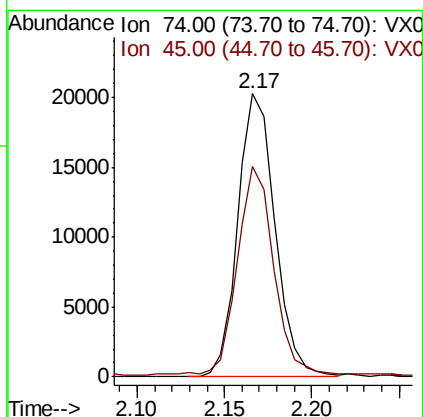
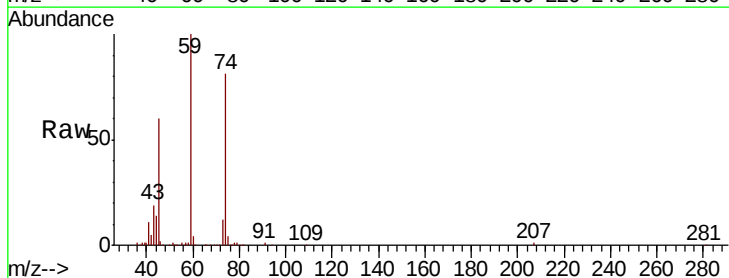
Tot Ion:101 Resp: 78623
 Ion Ratio Lower Upper
 101 100
 103 67.8 54.2 81.4

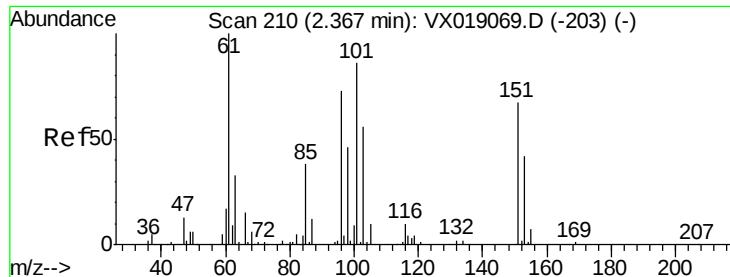


#8

Diethyl Ether
 Concen: 17.255 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. 0.00 min
 Lab File: VX019069.D
 Acq: 23 Oct 2020 10:16

Tgt Ion: 74 Resp: 30148
 Ion Ratio Lower Upper
 74 100
 45 72.6 14.5 130.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.179 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX019069.D

Acq: 23 Oct 2020 10:16

Instrument :

MSVOA_V

ClientSampleId :

VSTDICCC020

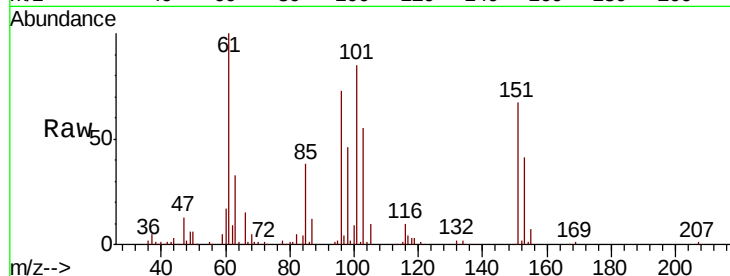
Tot Ion:101 Resp: 38262

Ion Ratio Lower Upper

101 100

85 43.5 0.0 87.0

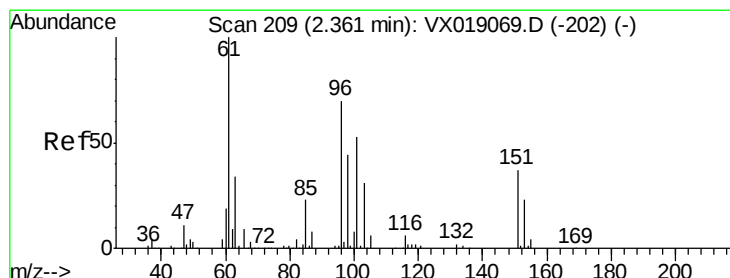
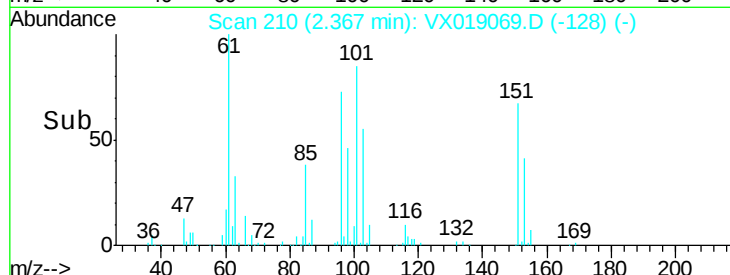
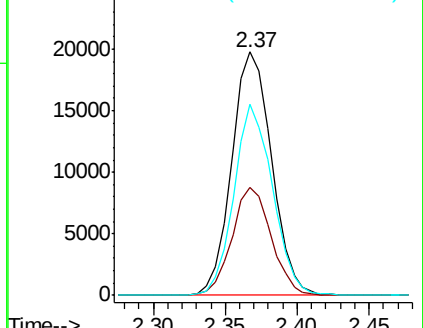
151 75.9 0.0 151.8



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: 17.044 ug/l

RT: 2.36 min Scan# 209

Delta R.T. 0.00 min

Lab File: VX019069.D

Acq: 23 Oct 2020 10:16

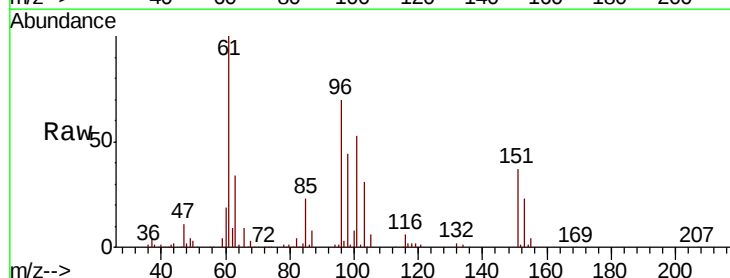
Tgt Ion: 96 Resp: 38592

Ion Ratio Lower Upper

96 100

61 142.3 113.8 170.8

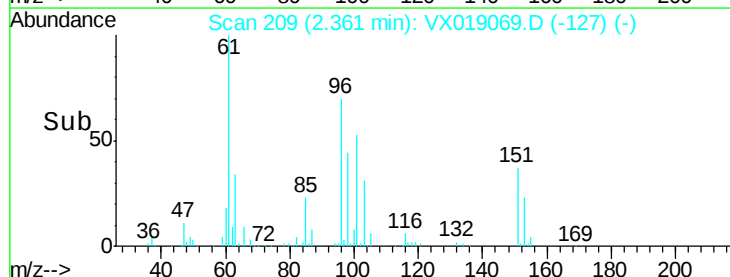
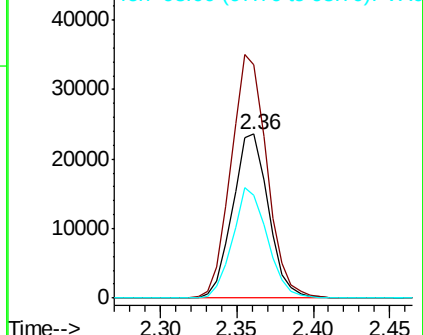
98 63.0 50.4 75.6

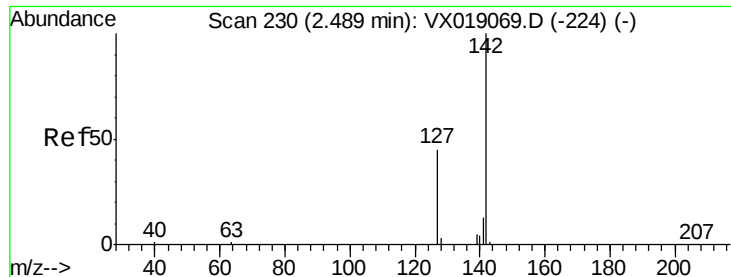


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

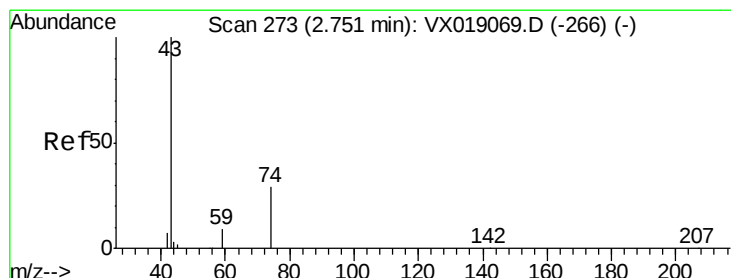
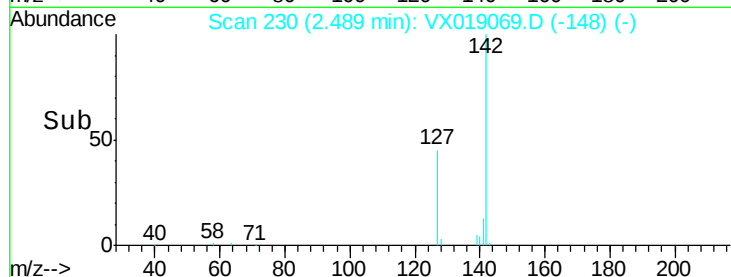
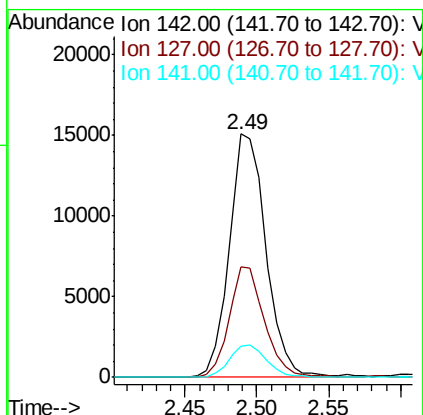
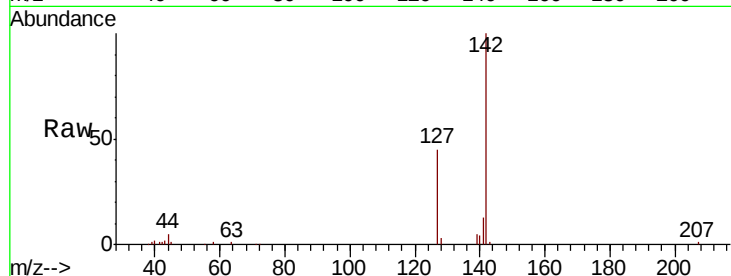




#11
Methyl Iodide
Concen: 16.384 ug/l
RT: 2.49 min Scan# 230
Delta R.T. 0.00 min
Lab File: VX019069.D
Acq: 23 Oct 2020 10:16

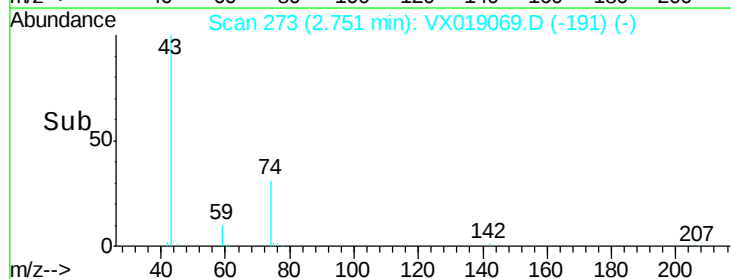
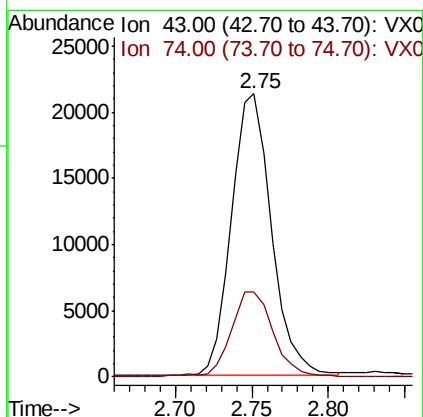
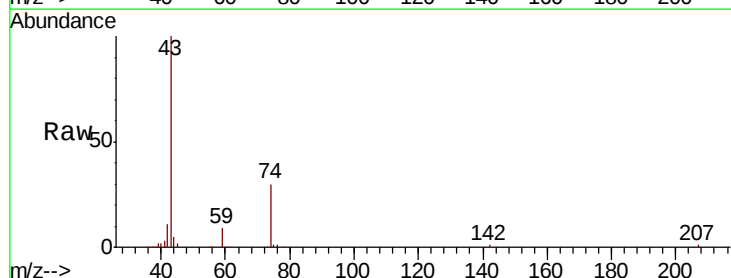
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC020

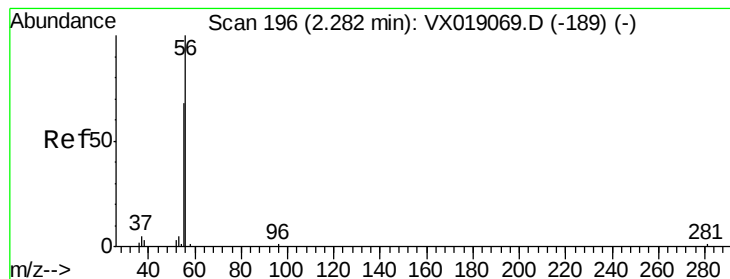
Tot Ion:142 Resp: 26908
Ion Ratio Lower Upper
142 100
127 45.1 22.6 67.7
141 12.7 6.3 19.1



#12
Methyl Acetate
Concen: 17.130 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX019069.D
Acq: 23 Oct 2020 10:16

Tgt Ion: 43 Resp: 38398
Ion Ratio Lower Upper
43 100
74 29.9 23.9 35.9





#13

Acrolein

Concen: 66.025 ug/l

RT: 2.28 min Scan# 196

Delta R.T. 0.00 min

Lab File: VX019069.D

Acq: 23 Oct 2020 10:16

Instrument :

MSVOA_V

ClientSampleId :

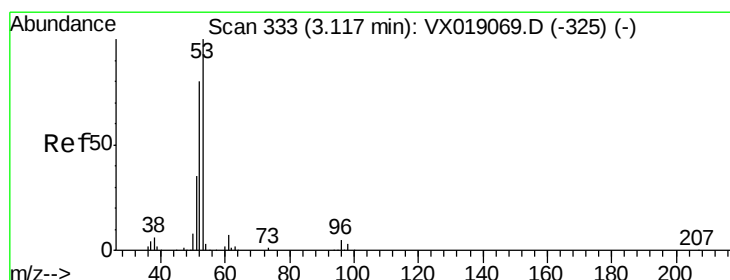
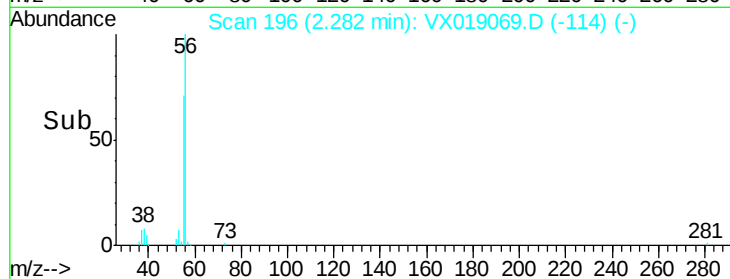
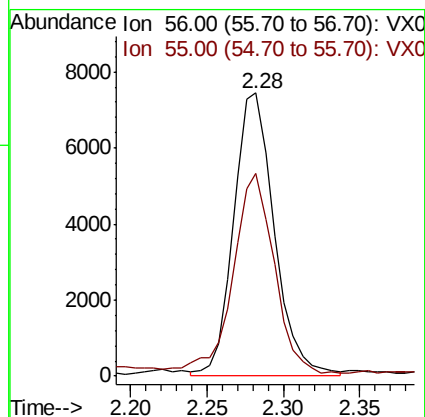
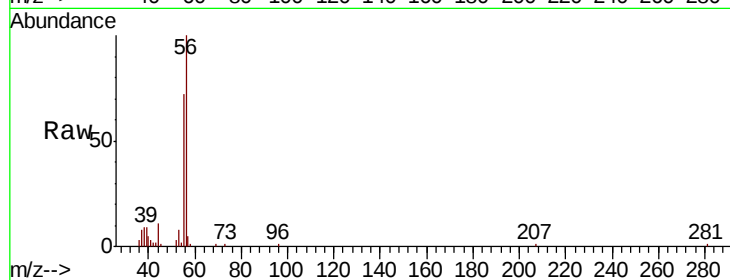
VSTDICCC020

Tot Ion: 56 Resp: 13627

Ion Ratio Lower Upper

56 100

55 72.4 58.2 87.2



#14

Acrylonitrile

Concen: 84.771 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX019069.D

Acq: 23 Oct 2020 10:16

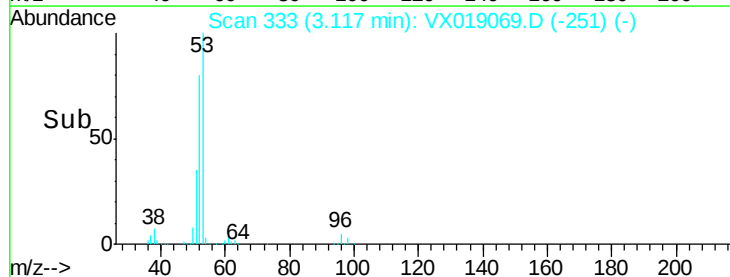
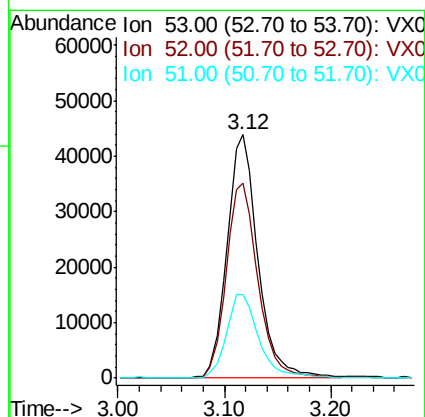
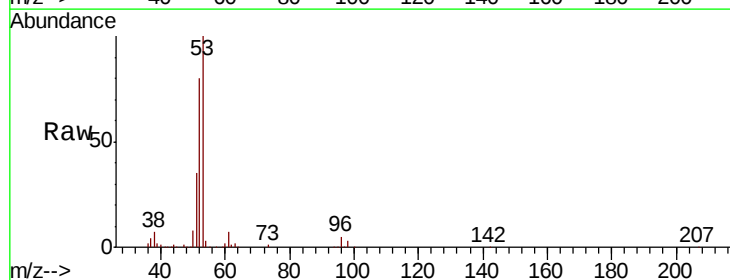
Tgt Ion: 53 Resp: 89269

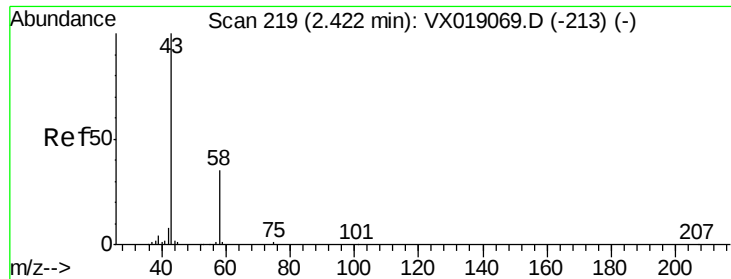
Ion Ratio Lower Upper

53 100

52 82.0 41.0 123.0

51 36.4 18.2 54.6





#15

Acetone

Concen: 78.916 ug/l

RT: 2.42 min Scan# 219

Delta R.T. 0.00 min

Lab File: VX019069.D

Acq: 23 Oct 2020 10:16

Instrument :

MSVOA_V

ClientSampleId :

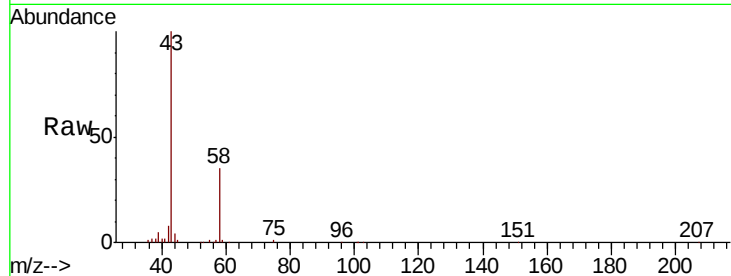
VSTDICCC020

Tot Ion: 58 Resp: 23806

Ion Ratio Lower Upper

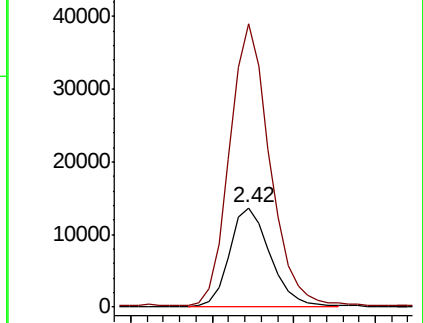
58 100

43 283.4 226.7 340.1

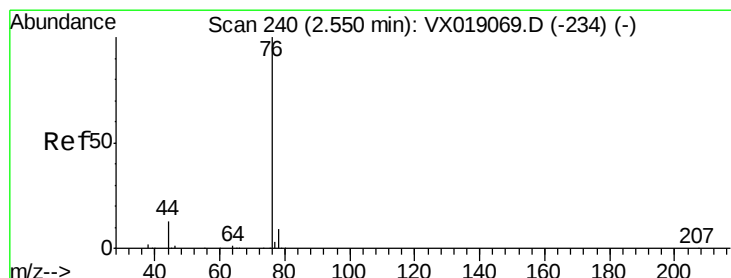
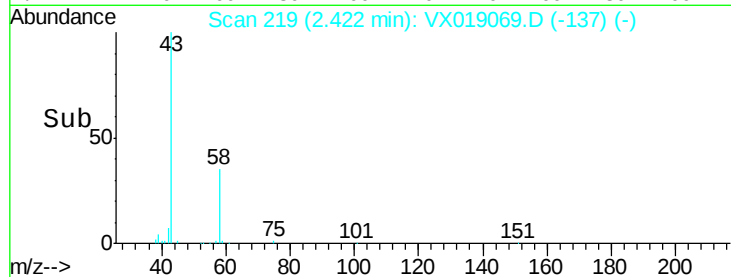


Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0



Time-->



#16

Carbon Disulfide

Concen: 17.092 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX019069.D

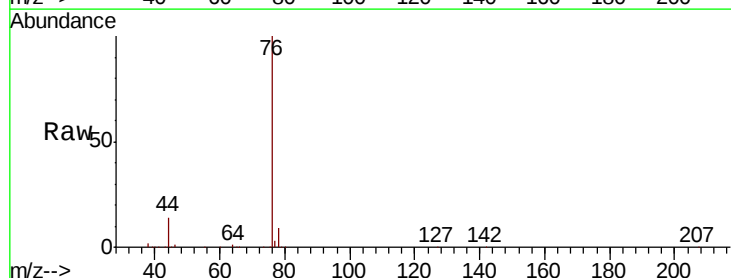
Acq: 23 Oct 2020 10:16

Tgt Ion: 76 Resp: 107570

Ion Ratio Lower Upper

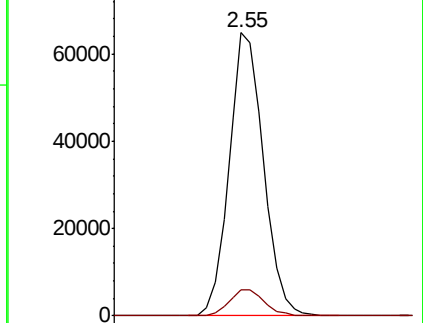
76 100

78 9.0 7.2 10.8

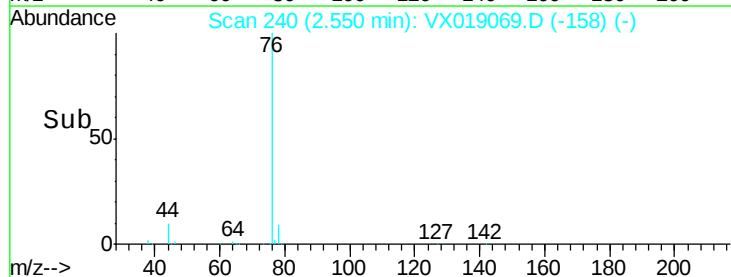


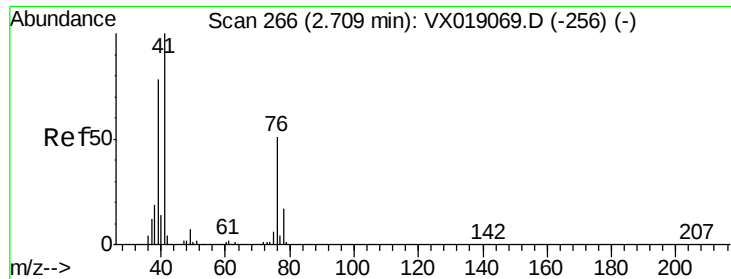
Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0



Time-->

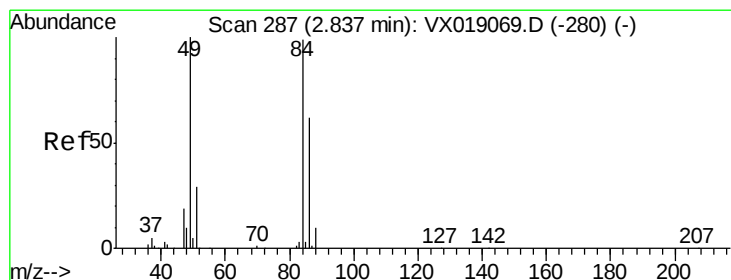
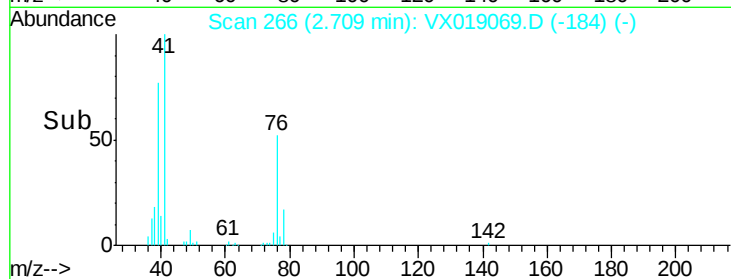
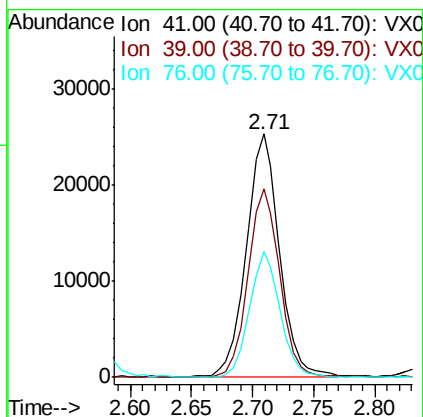
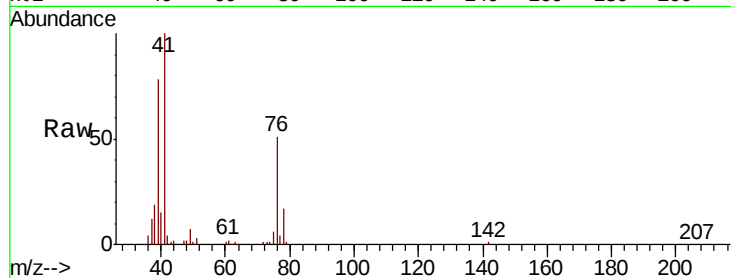




#17
Allvl chloride
Concen: 16.762 ug/l
RT: 2.71 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX019069.D
Acq: 23 Oct 2020 10:16

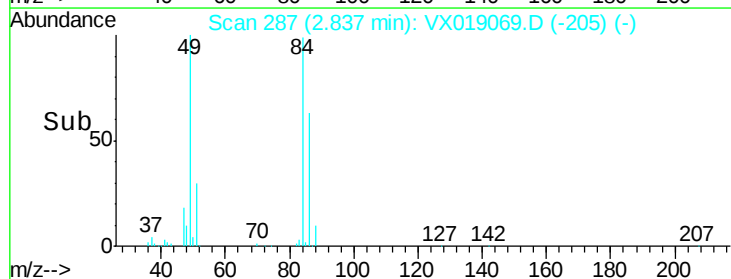
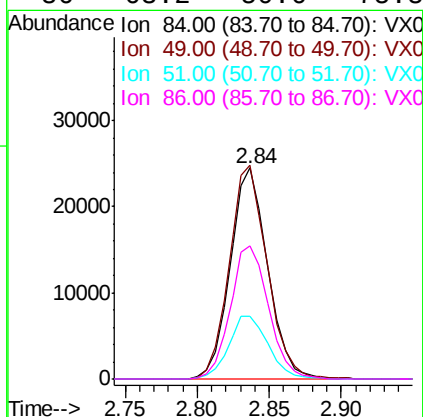
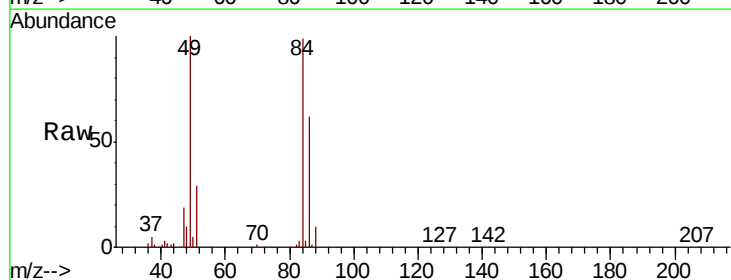
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC020

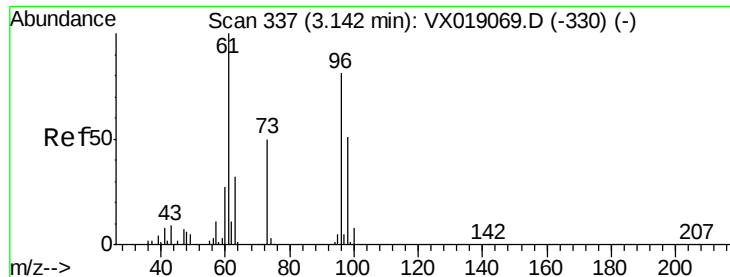
Tot Ion: 41 Resp: 47409
Ion Ratio Lower Upper
41 100
39 77.5 38.8 116.3
76 51.6 25.8 77.4



#18
Methylene Chloride
Concen: 17.139 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX019069.D
Acq: 23 Oct 2020 10:16

Tgt Ion: 84 Resp: 44257
Ion Ratio Lower Upper
84 100
49 101.1 80.9 121.3
51 29.7 23.8 35.6
86 63.2 50.6 75.8

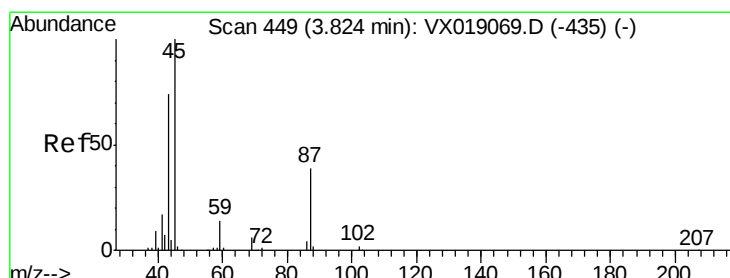
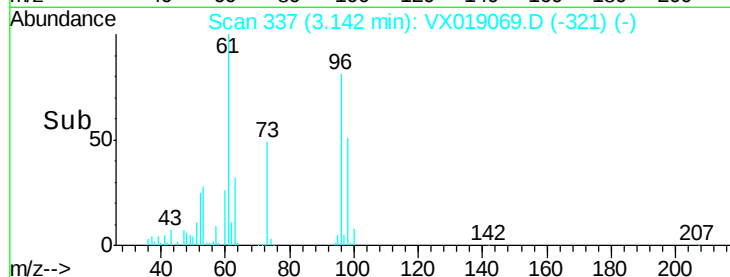
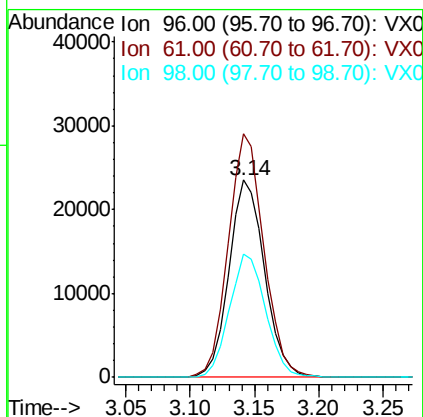
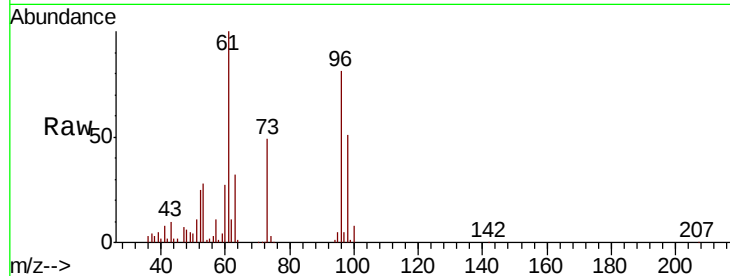




#19
trans-1,2-Dichloroethene
Concen: 17.111 ug/l
RT: 3.14 min Scan# 337
Delta R.T. 0.00 min
Lab File: VX019069.D
Acq: 23 Oct 2020 10:16

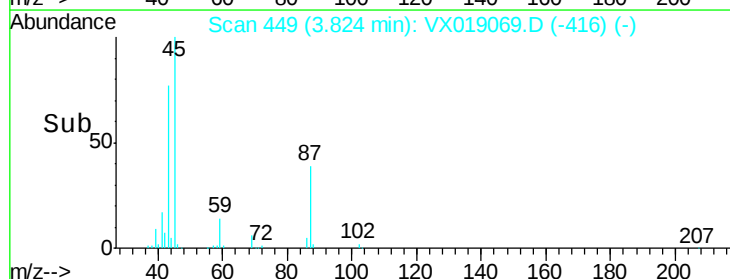
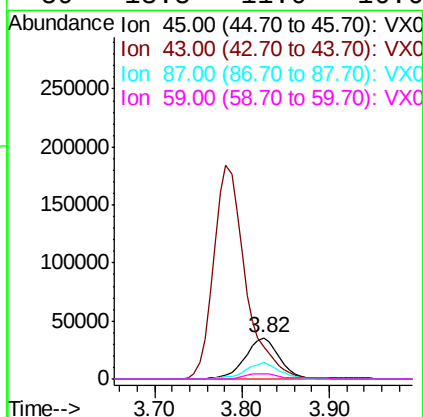
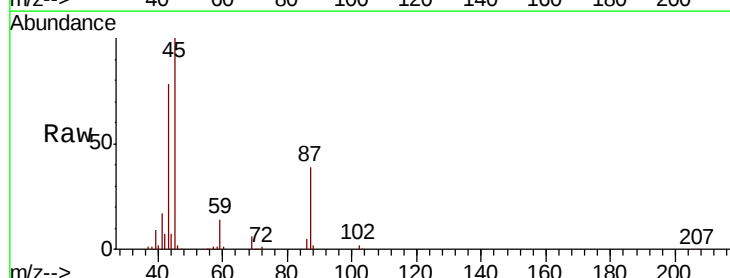
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC020

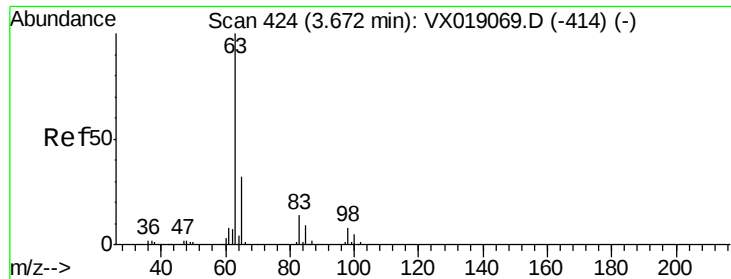
Tot Ion: 96 Resp: 45251
Ion Ratio Lower Upper
96 100
61 123.0 98.4 147.6
98 62.4 49.9 74.9



#20
Diisopropyl ether
Concen: 16.894 ug/l
RT: 3.82 min Scan# 449
Delta R.T. 0.00 min
Lab File: VX019069.D
Acq: 23 Oct 2020 10:16

Tgt Ion: 45 Resp: 96795
Ion Ratio Lower Upper
45 100
43 75.8 60.6 91.0
87 38.6 30.9 46.3
59 13.8 11.0 16.6





#21

1,1-Dichloroethane

Concen: 17.122 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX019069.D

Acq: 23 Oct 2020 10:16

Instrument :

MSVOA_V

ClientSampleId :

VSTDICCC020

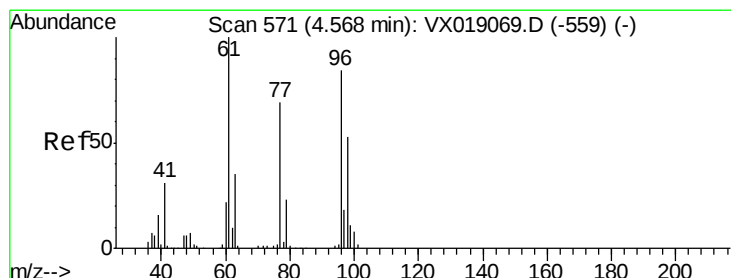
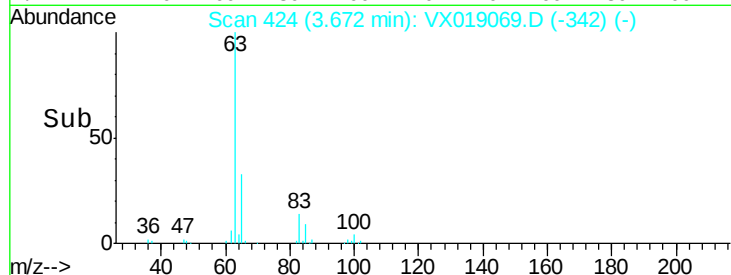
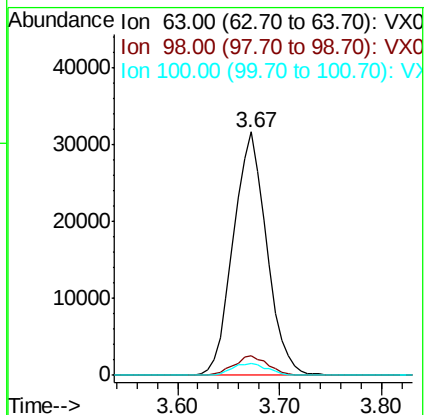
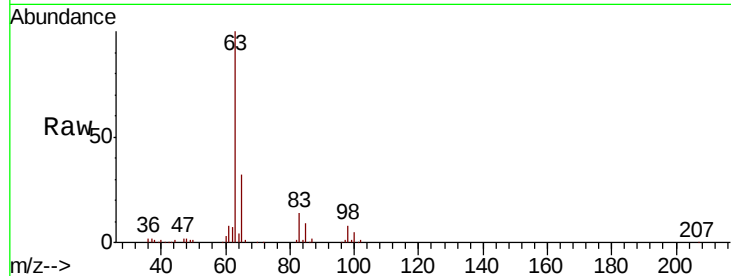
Tot Ion: 63 Resp: 72027

Ion Ratio Lower Upper

63 100

98 7.8 3.9 11.7

100 4.8 2.4 7.2



#22

cis-1,2-Dichloroethene

Concen: 17.025 ug/l

RT: 4.57 min Scan# 571

Delta R.T. 0.00 min

Lab File: VX019069.D

Acq: 23 Oct 2020 10:16

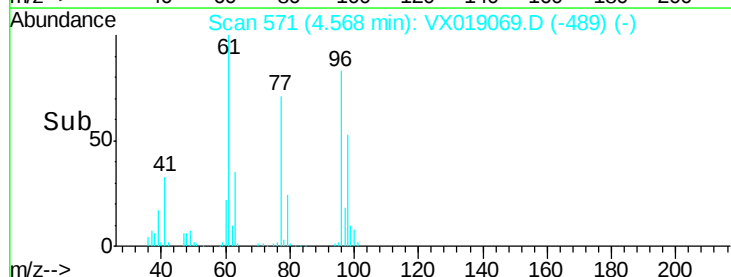
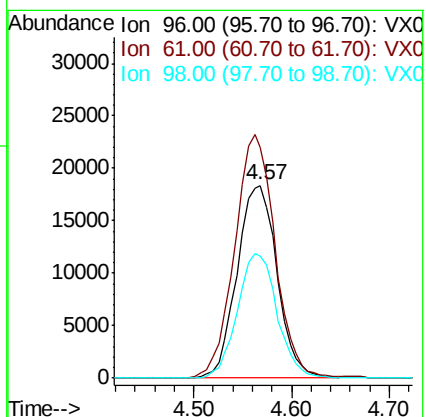
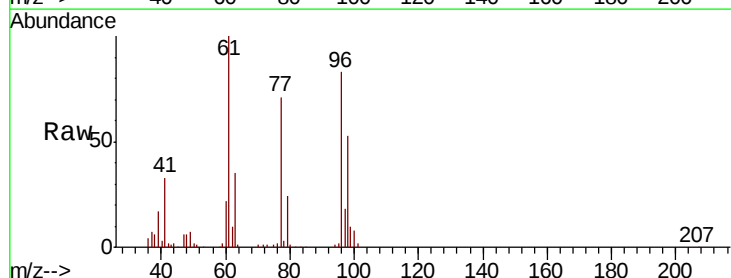
Tgt Ion: 96 Resp: 52154

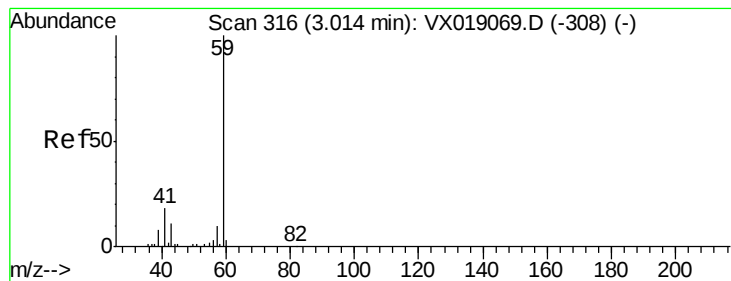
Ion Ratio Lower Upper

96 100

61 127.4 101.9 152.9

98 64.1 51.3 76.9





#23

tert-Butyl Alcohol

Concen: 83.793 ug/l

RT: 3.01 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX019069.D

Acq: 23 Oct 2020 10:16

Instrument :

MSVOA_V

ClientSampleId :

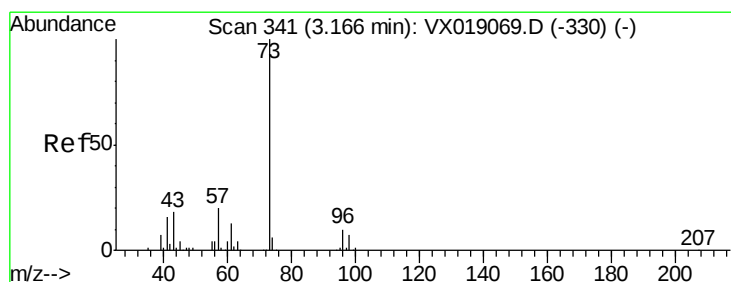
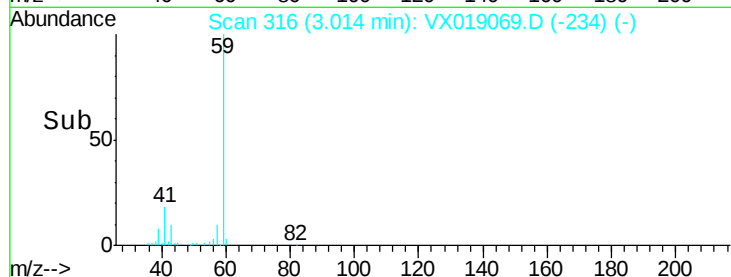
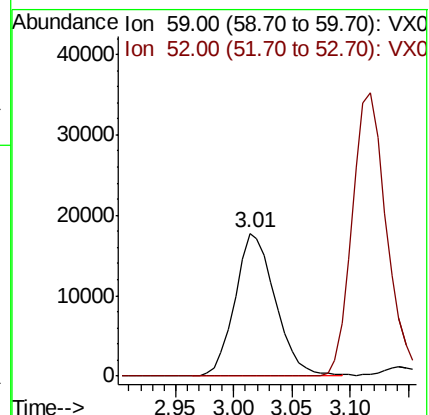
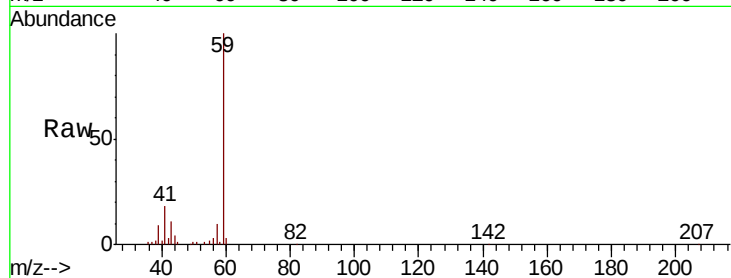
VSTDICCC020

Tot Ion: 59 Resp: 42779

Ion Ratio Lower Upper

59 100

52 0.3 0.2 0.4



#24

Methyl tert-Butyl Ether

Concen: 16.962 ug/l

RT: 3.17 min Scan# 341

Delta R.T. 0.00 min

Lab File: VX019069.D

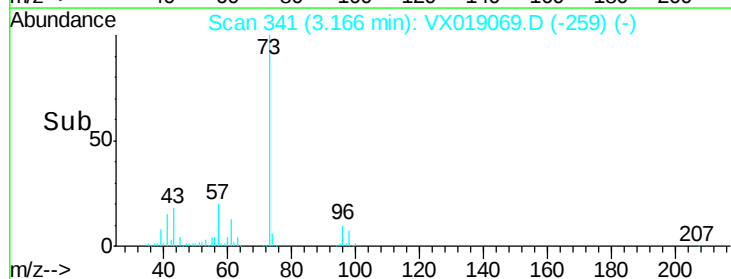
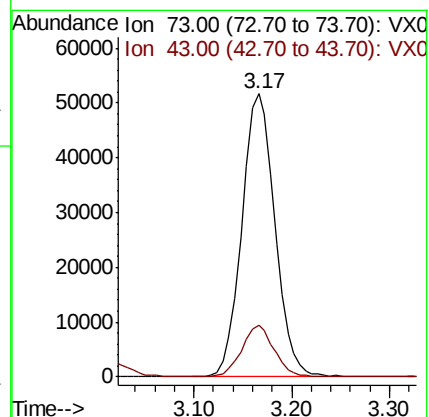
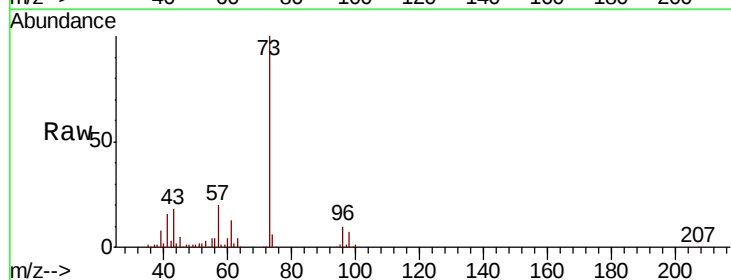
Acq: 23 Oct 2020 10:16

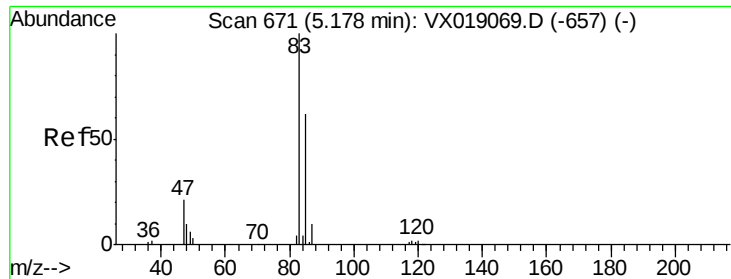
Tgt Ion: 73 Resp: 121443

Ion Ratio Lower Upper

73 100

43 17.4 13.9 20.9





#25

Chloroform

Concen: 16.979 ug/l

RT: 5.18 min Scan# 671

Delta R.T. 0.00 min

Lab File: VX019069.D

Acq: 23 Oct 2020 10:16

Instrument :

MSVOA_V

ClientSampleId :

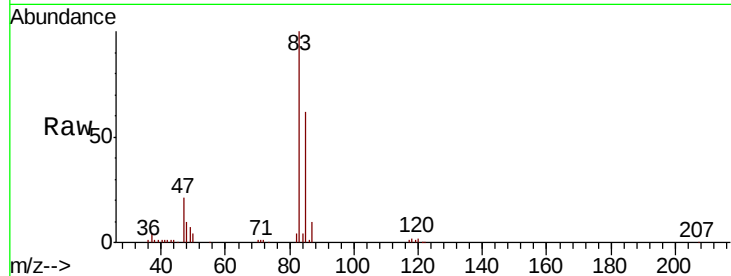
VSTDICCC020

Tot Ion: 83 Resp: 79142

Ion Ratio Lower Upper

83 100

85 62.3 49.8 74.8



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0

5.18

30000

25000

20000

15000

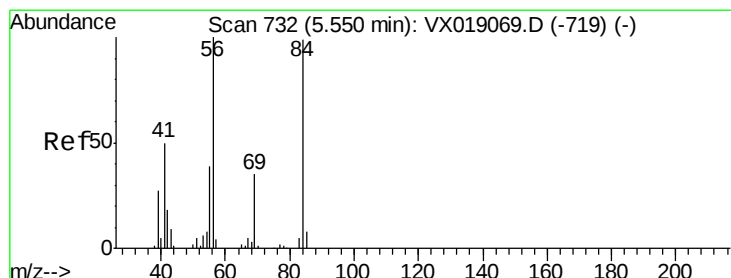
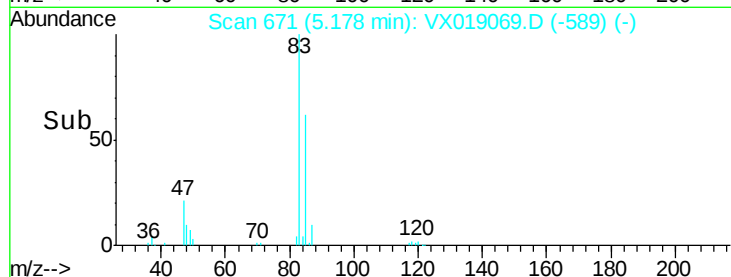
10000

5000

0

Time-->

5.10 5.20 5.30



#26

Cyclohexane

Concen: 16.886 ug/l

RT: 5.55 min Scan# 732

Delta R.T. 0.00 min

Lab File: VX019069.D

Acq: 23 Oct 2020 10:16

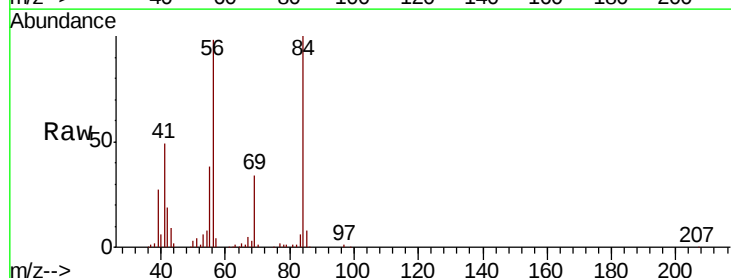
Tgt Ion: 56 Resp: 55201

Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 104.6 83.7 125.5



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 89.00 (88.70 to 89.70): VX0

Ion 84.00 (83.70 to 84.70): VX0

5.55

30000

25000

20000

15000

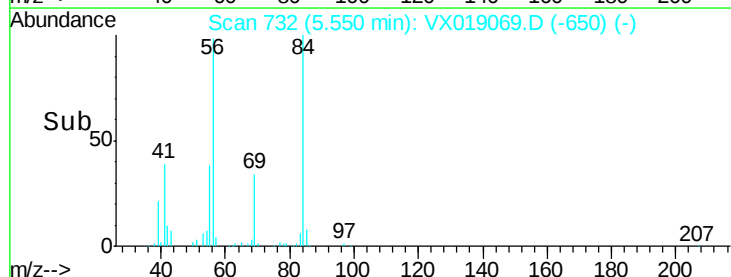
10000

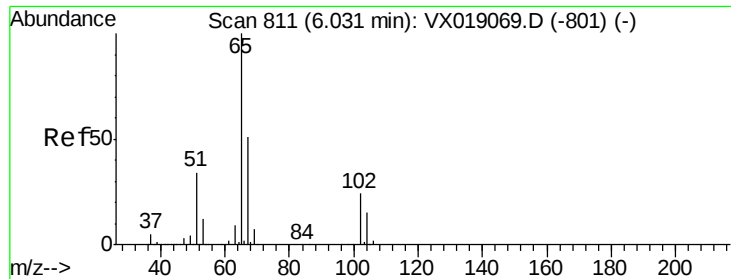
5000

0

Time-->

5.40 5.50 5.60

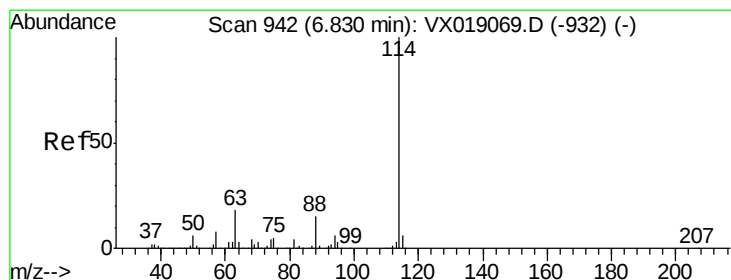
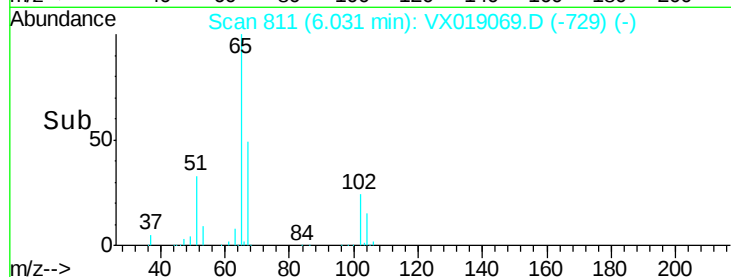
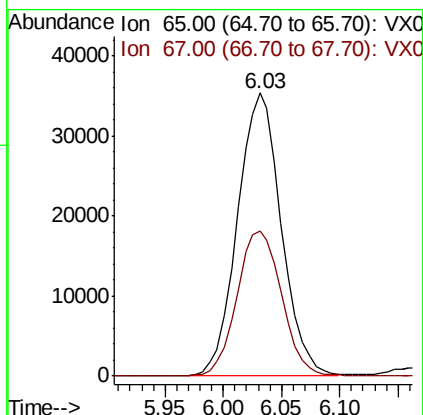
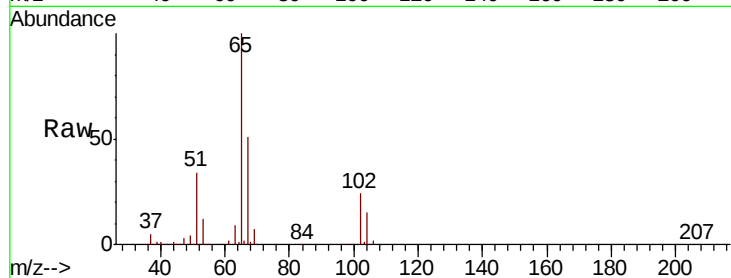




#27
 1,2-Dichloroethane-d4
 Concen: 30.921 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: VX019069.D
 Acq: 23 Oct 2020 10:16

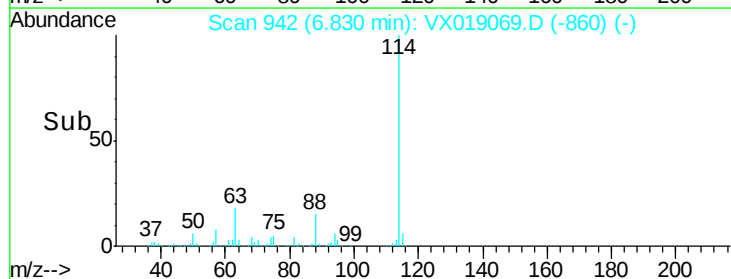
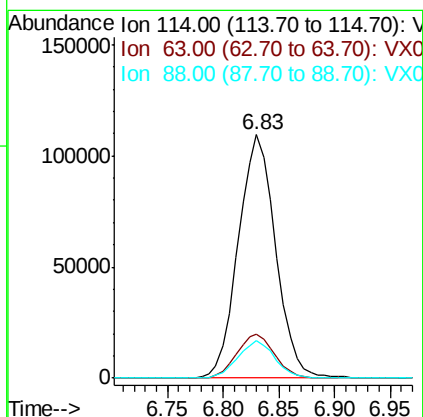
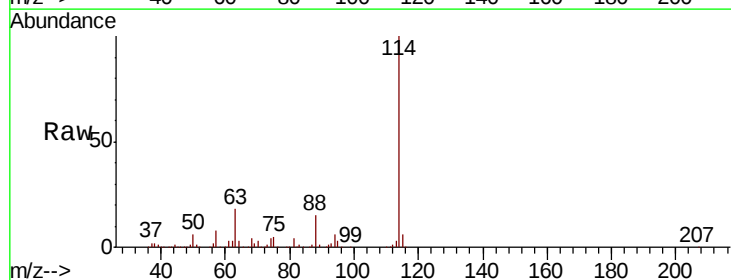
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDICCC020

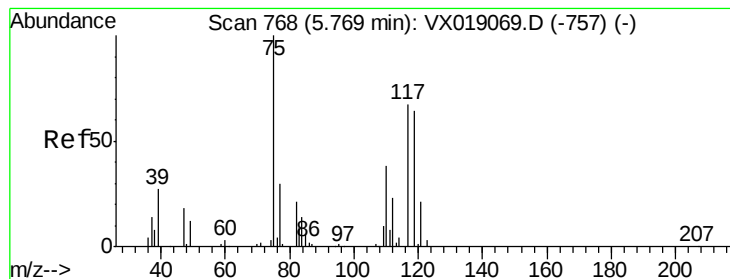
Tot Ion: 65 Resp: 92638
 Ion Ratio Lower Upper
 65 100
 67 52.5 42.0 63.0



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: VX019069.D
 Acq: 23 Oct 2020 10:16

Tgt Ion: 114 Resp: 254932
 Ion Ratio Lower Upper
 114 100
 63 18.2 14.6 21.8
 88 15.2 12.2 18.2





#29

1,1-Dichloropropene

Concen: 16.664 ug/l

RT: 5.77 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX019069.D

Acq: 23 Oct 2020 10:16

Instrument :

MSVOA_V

ClientSampleId :

VSTDICCC020

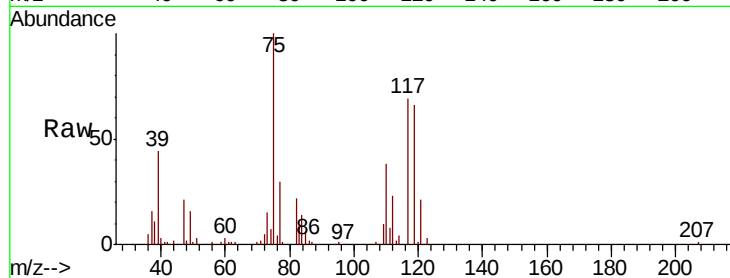
Tot Ion: 75 Resp: 59932

Ion Ratio Lower Upper

75 100

110 38.7 0.0 77.4

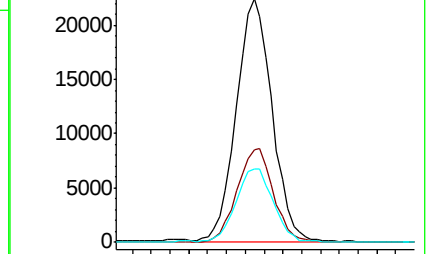
77 31.4 0.0 62.8



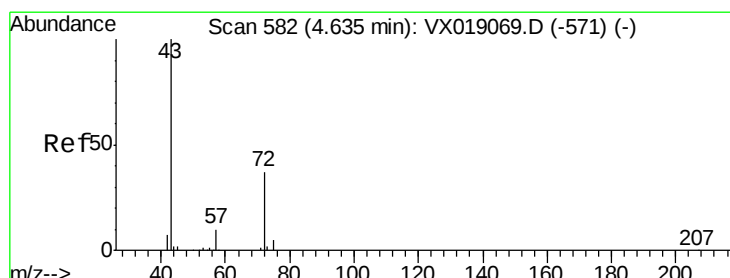
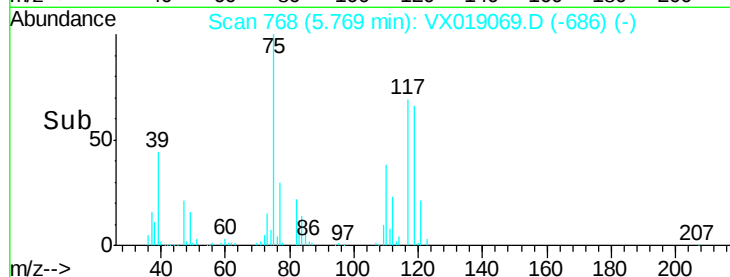
Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 110.00 (109.70 to 110.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



Time-->



#30

2-Butanone

Concen: 82.020 ug/l

RT: 4.64 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX019069.D

Acq: 23 Oct 2020 10:16

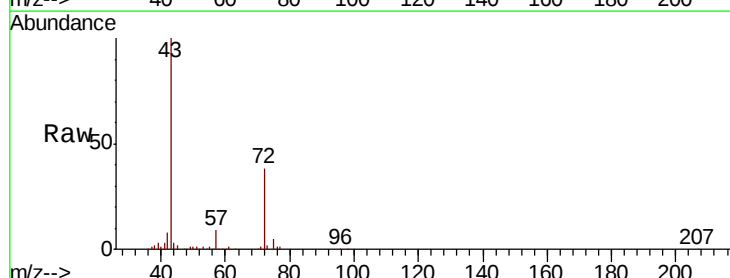
Tgt Ion: 43 Resp: 117513

Ion Ratio Lower Upper

43 100

57 9.7 7.8 11.6

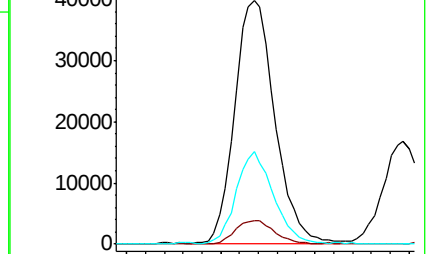
72 35.1 28.1 42.1



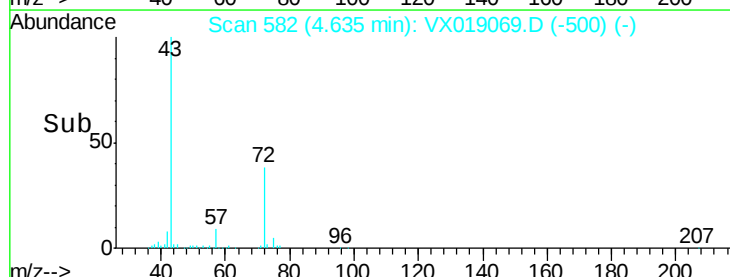
Abundance Ion 43.00 (42.70 to 43.70): VX0

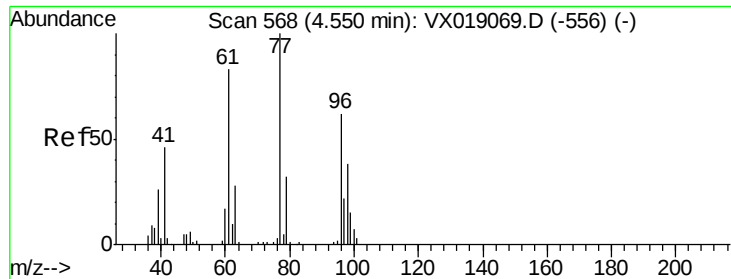
Ion 57.00 (56.70 to 57.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



Time-->





#31

2,2-Dichloropropane

Concen: 16.783 ug/l

RT: 4.55 min Scan# 568

Delta R.T. 0.00 min

Lab File: VX019069.D

Acq: 23 Oct 2020 10:16

Instrument :

MSVOA_V

ClientSampleId :

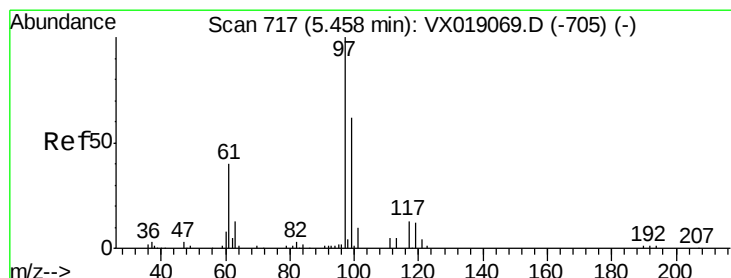
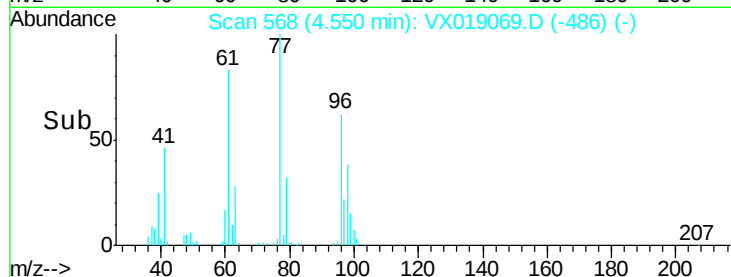
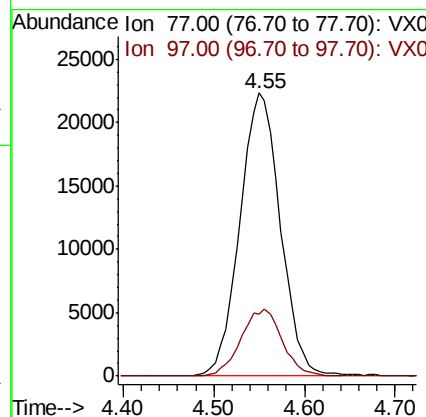
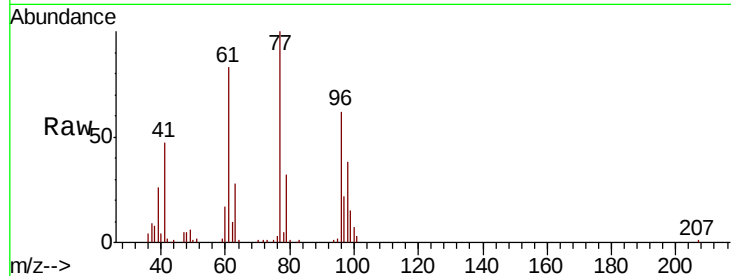
VSTDICCC020

Tot Ion: 77 Resp: 69061

Ion Ratio Lower Upper

77 100

97 24.0 19.2 28.8



#32

1,1,1-Trichloroethane

Concen: 16.720 ug/l

RT: 5.46 min Scan# 717

Delta R.T. 0.00 min

Lab File: VX019069.D

Acq: 23 Oct 2020 10:16

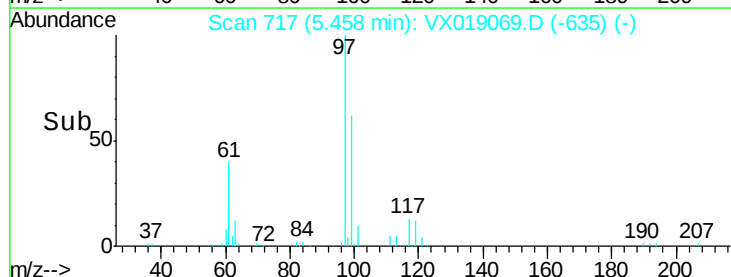
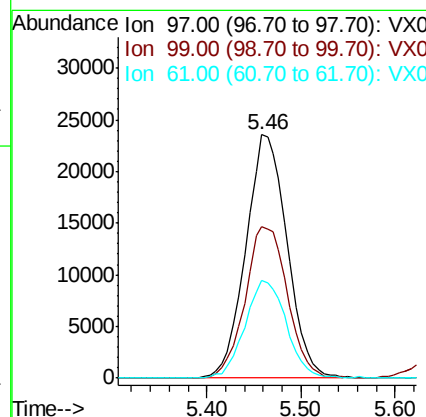
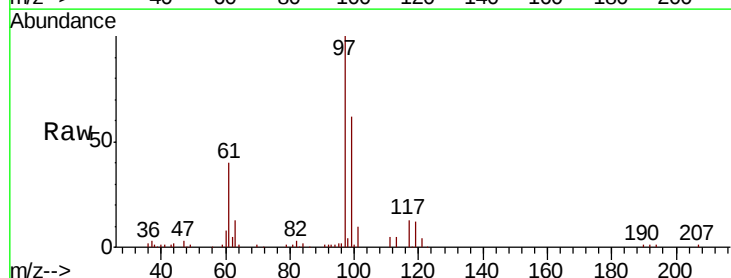
Tgt Ion: 97 Resp: 72276

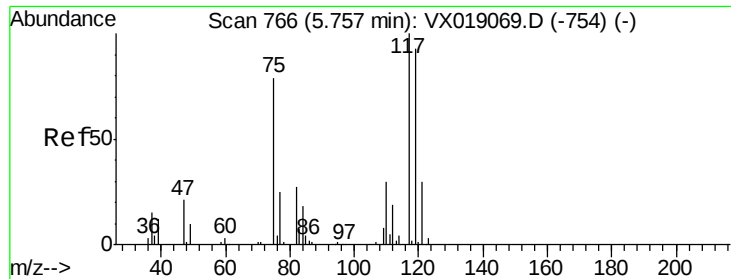
Ion Ratio Lower Upper

97 100

99 63.8 51.0 76.6

61 40.0 32.0 48.0

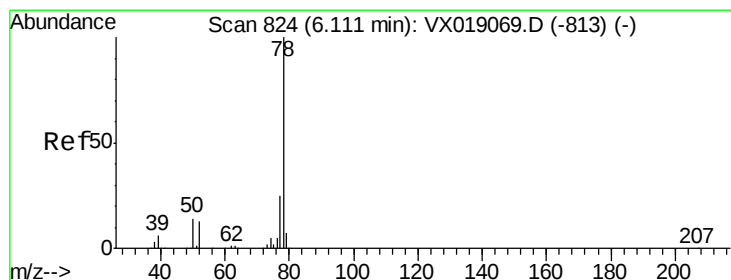
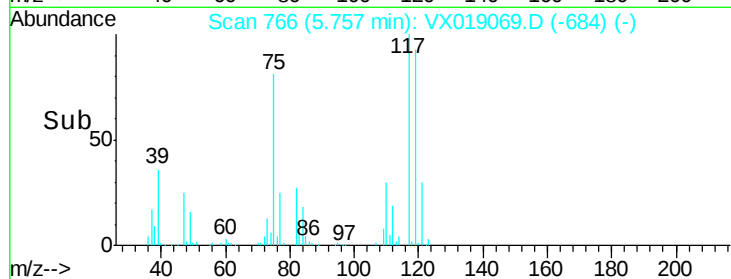
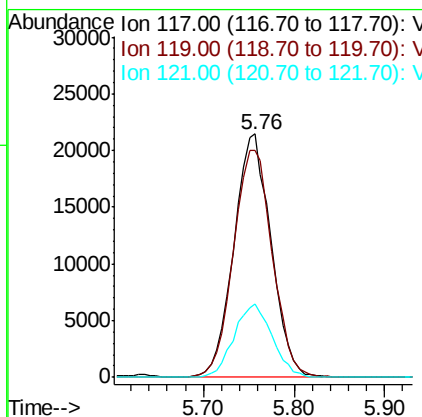
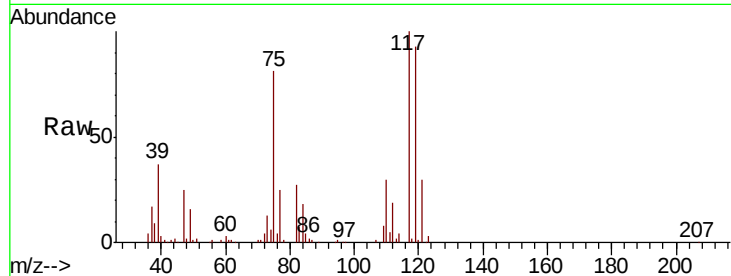




#33
Carbon Tetrachloride
Concen: 16.282 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.00 min
Lab File: VX019069.D
Acq: 23 Oct 2020 10:16

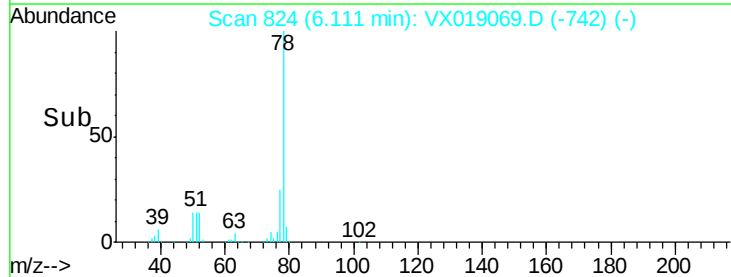
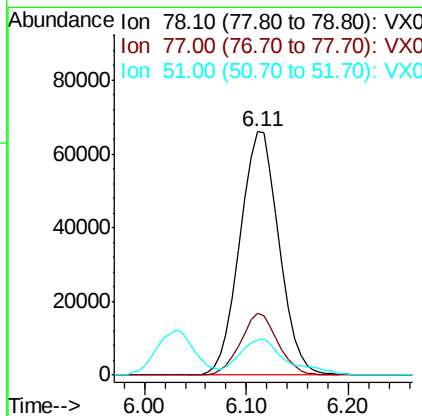
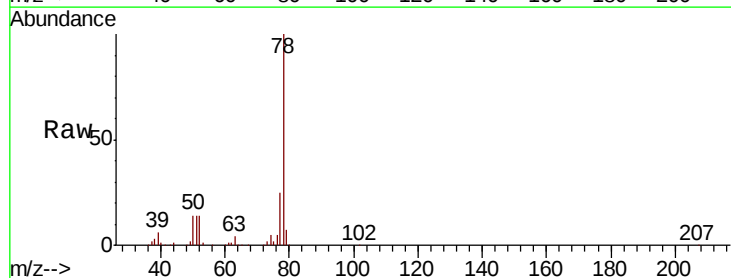
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC020

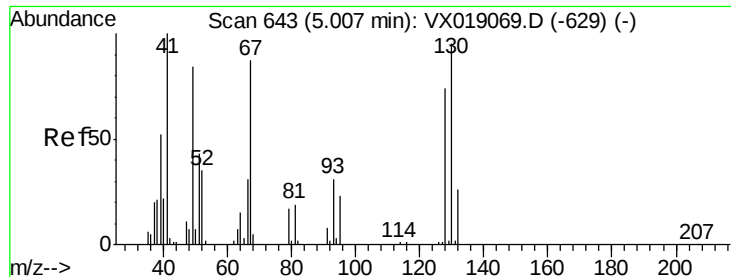
Tot Ion:117 Resp: 61076
Ion Ratio Lower Upper
117 100
119 93.1 74.5 111.7
121 30.1 24.1 36.1



#34
Benzene
Concen: 16.689 ug/l
RT: 6.11 min Scan# 824
Delta R.T. 0.00 min
Lab File: VX019069.D
Acq: 23 Oct 2020 10:16

Tgt Ion: 78 Resp: 176607
Ion Ratio Lower Upper
78 100
77 25.1 20.1 30.1
51 13.7 11.0 16.4

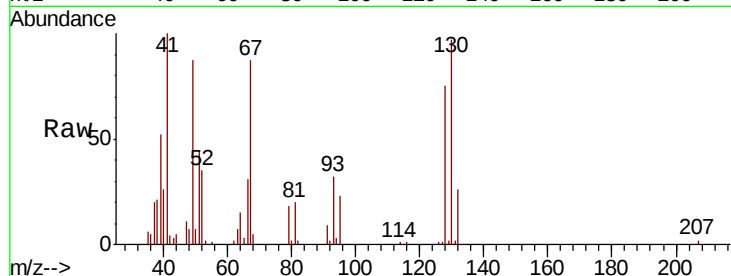




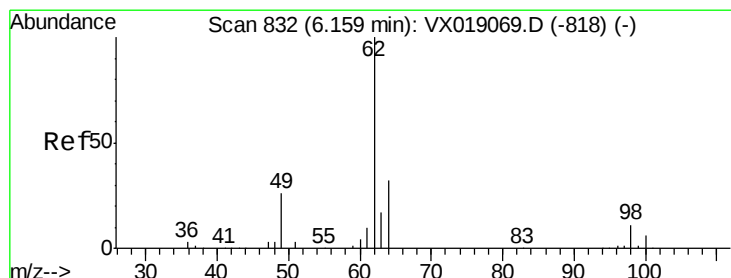
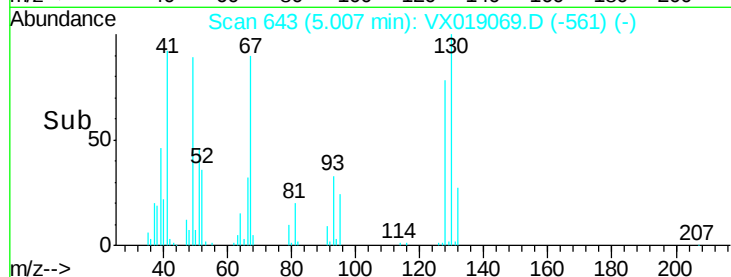
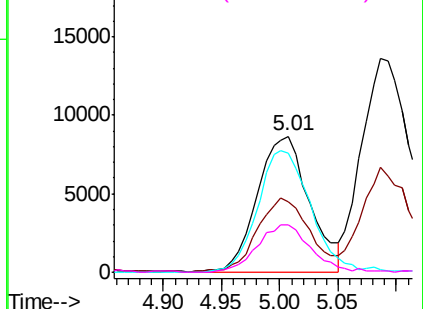
#35
Methacrylonitrile
Concen: 17.369 ug/l
RT: 5.01 min Scan# 643
Delta R.T. 0.00 min
Lab File: VX019069.D
Acq: 23 Oct 2020 10:16

Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC020

Tot Ion: 41 Resp: 26940
Ion Ratio Lower Upper
41 100
39 51.6 25.8 77.4
67 87.2 43.6 130.8
52 34.5 17.3 51.7

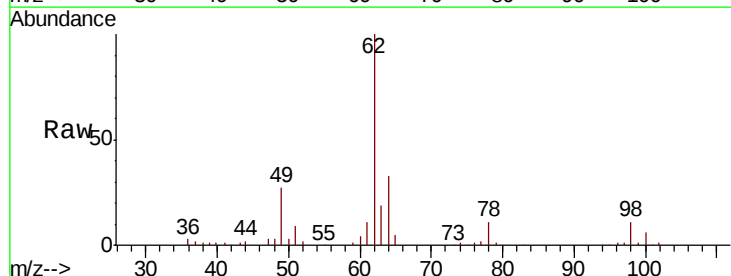


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

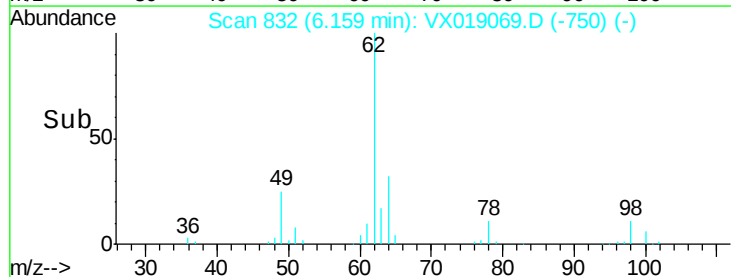
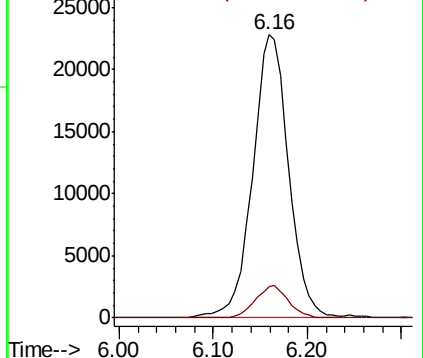


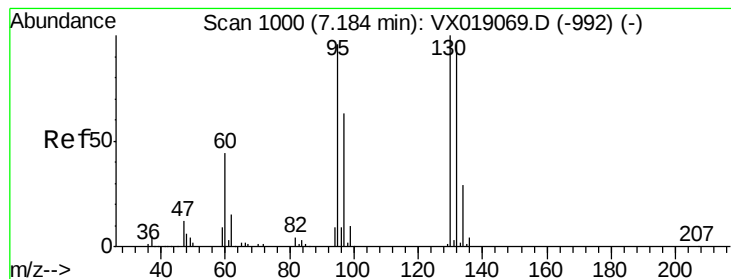
#36
1,2-Dichloroethane
Concen: 16.783 ug/l
RT: 6.16 min Scan# 832
Delta R.T. 0.00 min
Lab File: VX019069.D
Acq: 23 Oct 2020 10:16

Tgt Ion: 62 Resp: 60922
Ion Ratio Lower Upper
62 100
98 10.5 8.4 12.6



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





#37

Trichloroethene

Concen: 16.383 ug/l

RT: 7.18 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VX019069.D

Acq: 23 Oct 2020 10:16

Instrument :

MSVOA_V

ClientSampleId :

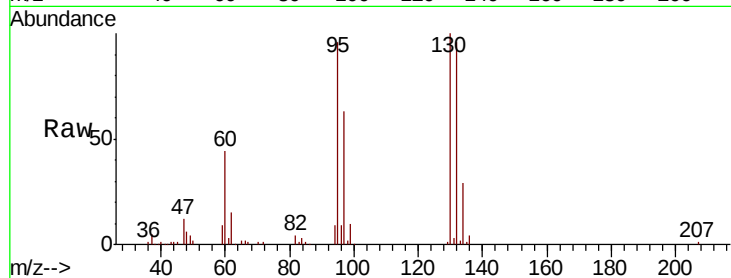
VSTDICCC020

Tot Ion:130 Resp: 49832

Ion Ratio Lower Upper

130 100

95 96.0 76.8 115.2



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0

7.18

25000

20000

15000

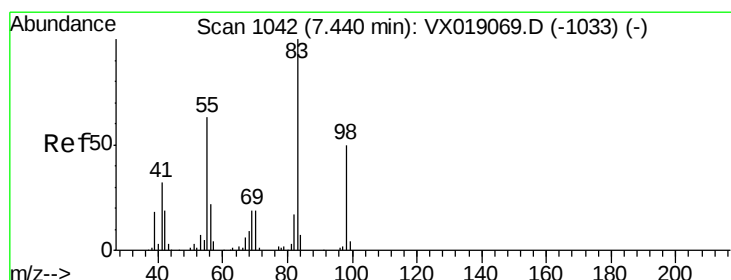
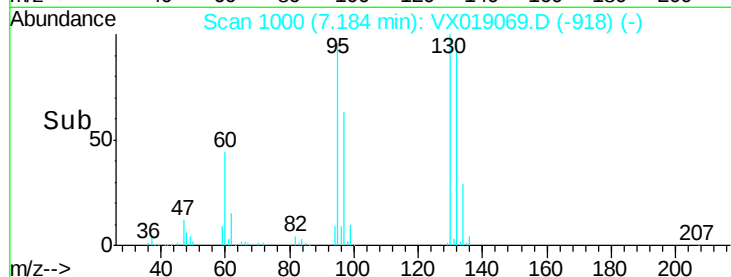
10000

5000

0

Time-->

7.10 7.15 7.20 7.25 7.30



#38

Methylcyclohexane

Concen: 16.529 ug/l

RT: 7.44 min Scan# 1042

Delta R.T. 0.00 min

Lab File: VX019069.D

Acq: 23 Oct 2020 10:16

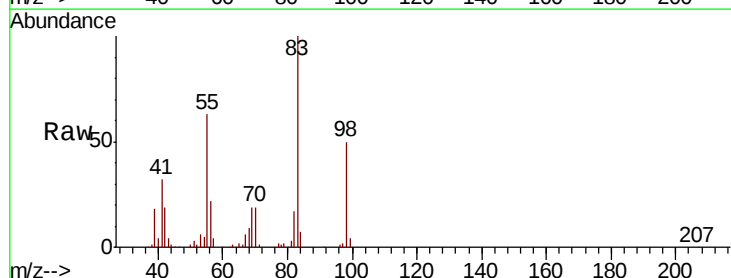
Tgt Ion: 83 Resp: 66634

Ion Ratio Lower Upper

83 100

55 64.5 32.3 96.8

98 51.4 25.7 77.1



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

7.44

40000

30000

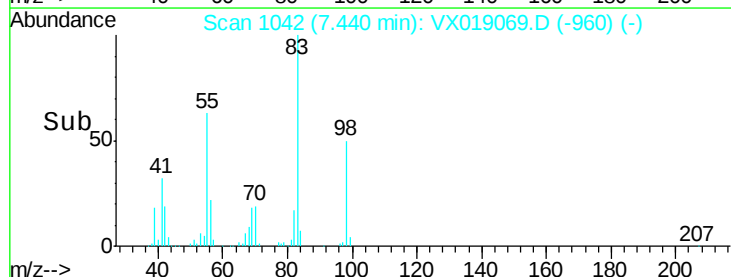
20000

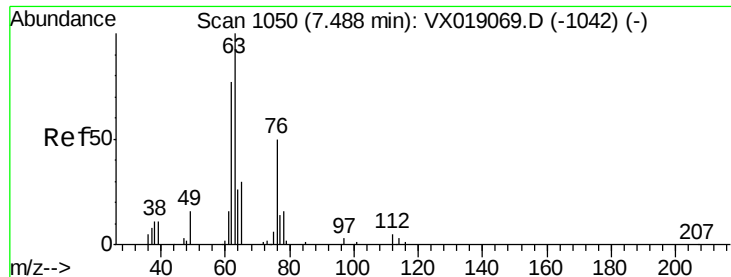
10000

0

Time-->

7.40 7.50





#39

1,2-Dichloropropane

Concen: 16.305 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VX019069.D

Acq: 23 Oct 2020 10:16

Instrument :

MSVOA_V

ClientSampleId :

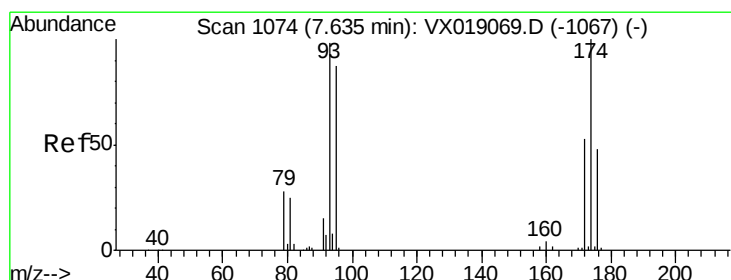
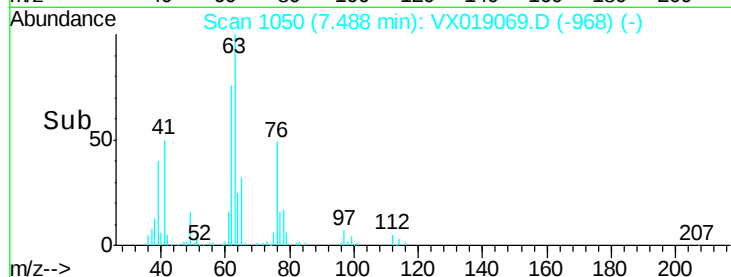
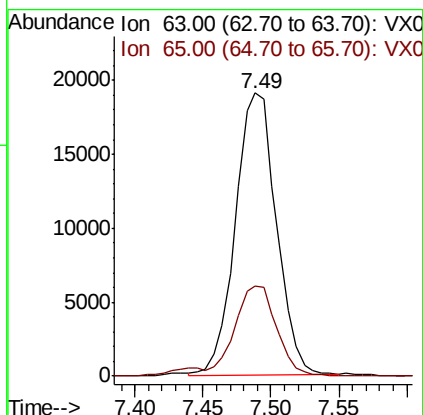
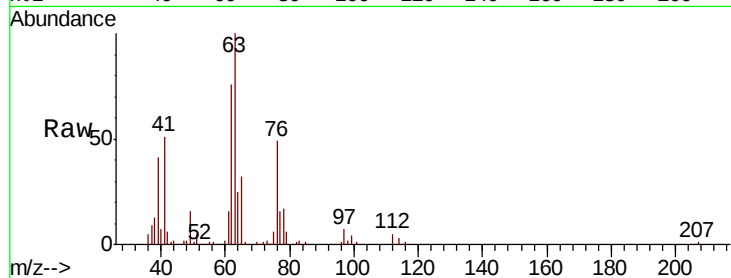
VSTDICCC020

Tot Ion: 63 Resp: 40050

Ion Ratio Lower Upper

63 100

65 32.3 25.8 38.8



#40

Dibromomethane

Concen: 16.437 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. 0.00 min

Lab File: VX019069.D

Acq: 23 Oct 2020 10:16

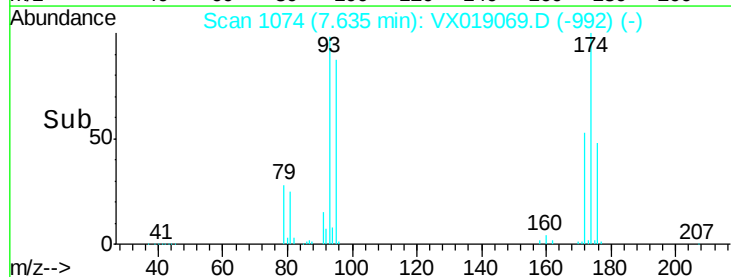
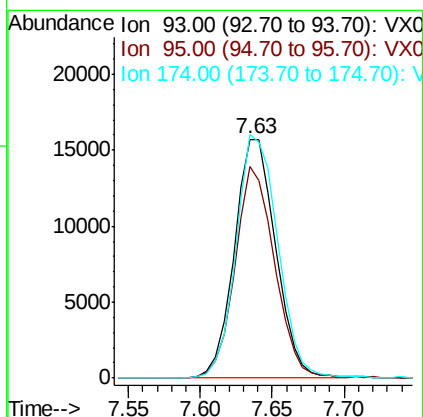
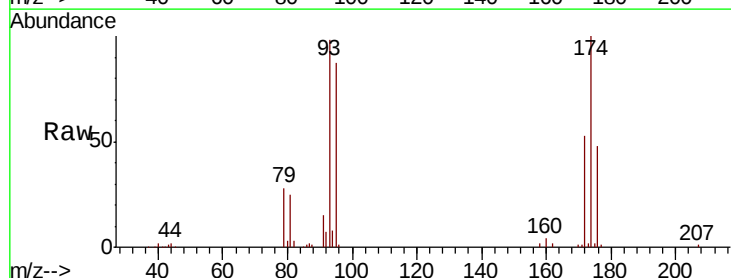
Tgt Ion: 93 Resp: 31335

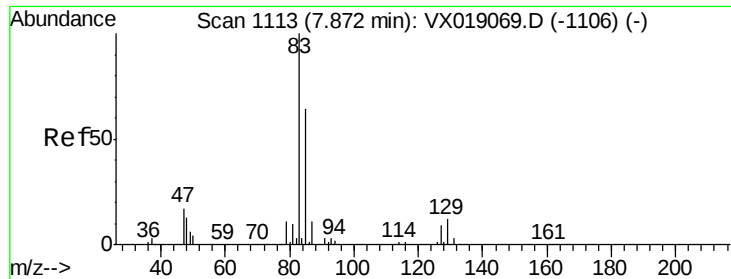
Ion Ratio Lower Upper

93 100

95 84.5 0.0 169.0

174 102.7 0.0 205.4





#41

Bromodichloromethane

Concen: 16.176 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. 0.00 min

Lab File: VX019069.D

Acq: 23 Oct 2020 10:16

Instrument :

MSVOA_V

ClientSampleId :

VSTDICCC020

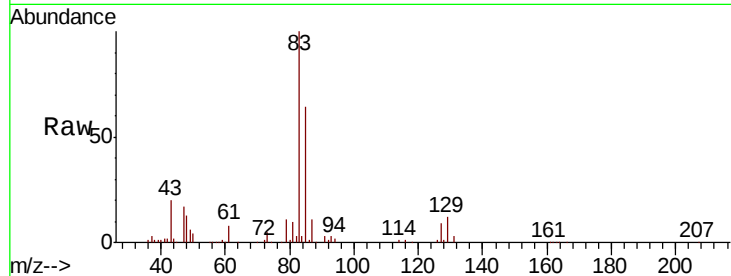
Tot Ion: 83 Resp: 60966

Ion Ratio Lower Upper

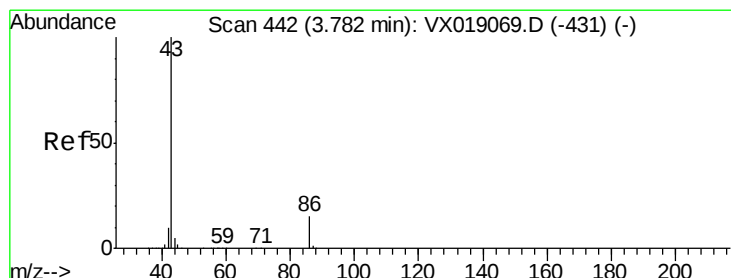
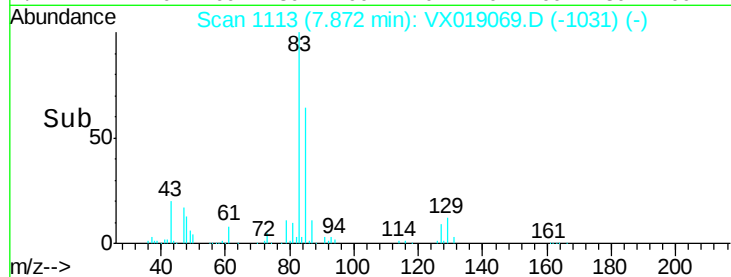
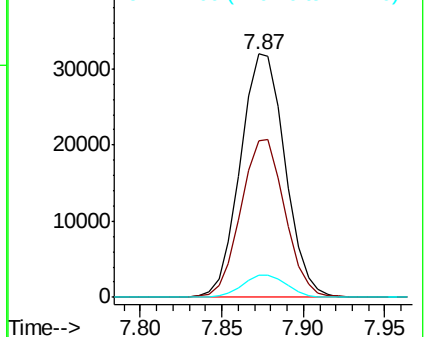
83 100

85 64.0 51.2 76.8

127 8.9 7.1 10.7



Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 85.00 (84.70 to 85.70): VX0
Ion 127.00 (126.70 to 127.70): V



#42

Vinyl Acetate

Concen: 84.117 ug/l

RT: 3.78 min Scan# 442

Delta R.T. 0.00 min

Lab File: VX019069.D

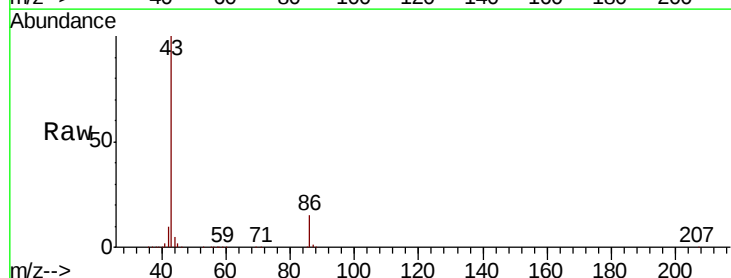
Acq: 23 Oct 2020 10:16

Tgt Ion: 43 Resp: 468931

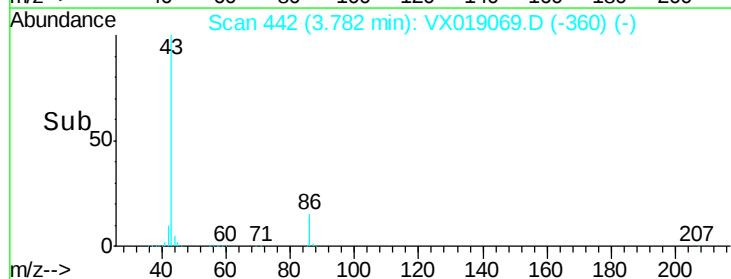
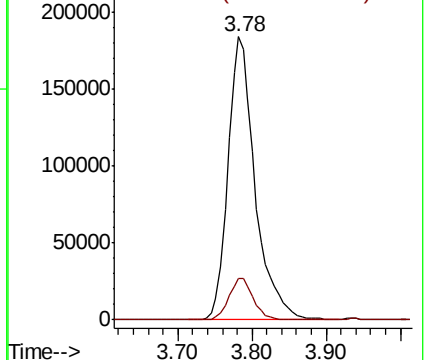
Ion Ratio Lower Upper

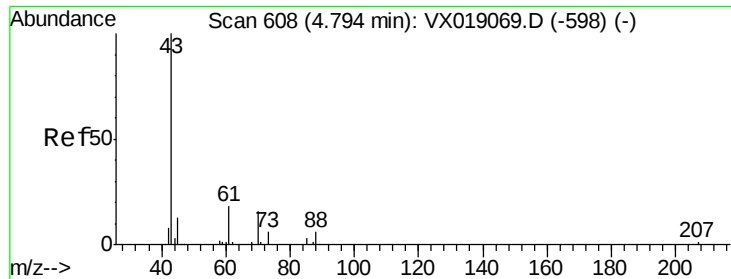
43 100

86 13.2 10.6 15.8



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 86.00 (85.70 to 86.70): VX0

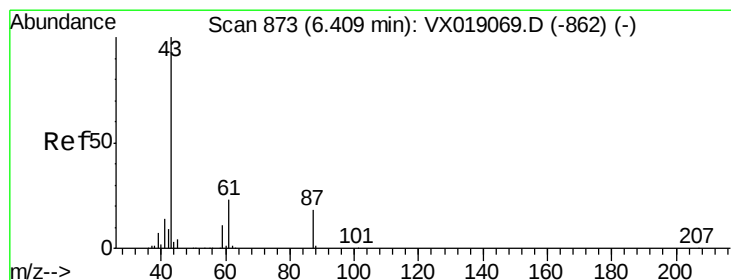
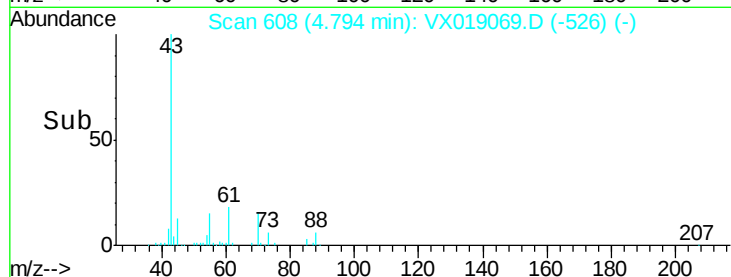
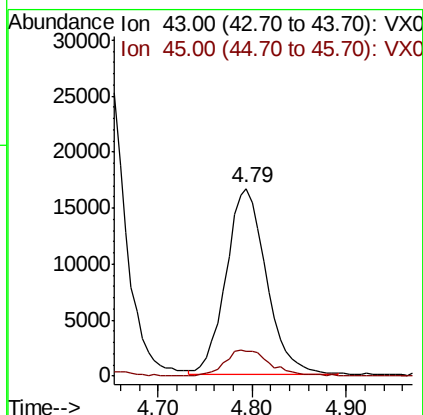
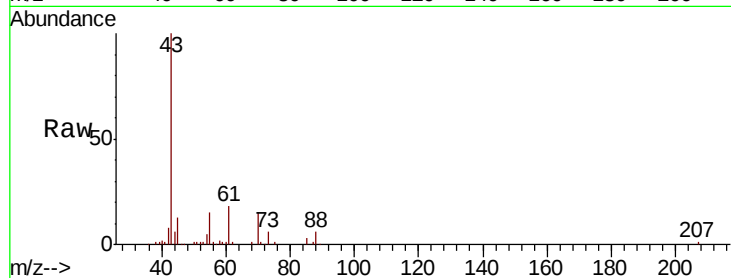




#43
Ethyl Acetate
Concen: 16.457 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX019069.D
Acq: 23 Oct 2020 10:16

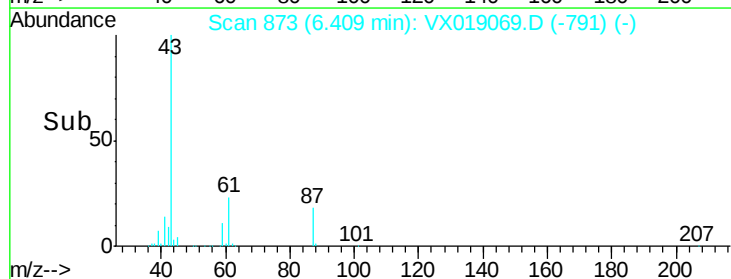
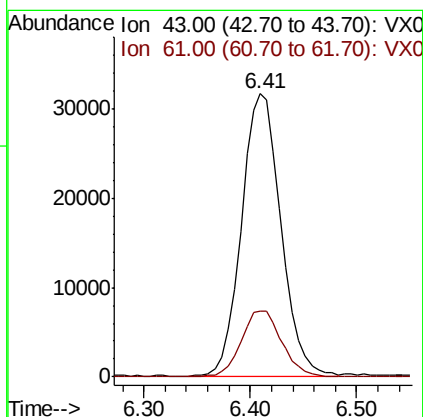
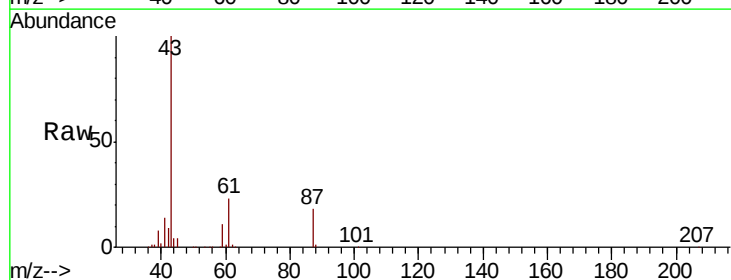
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC020

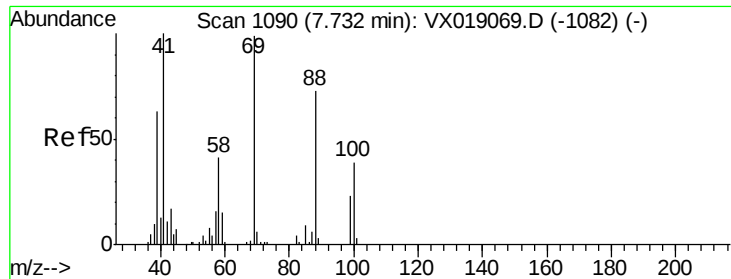
Tot Ion: 43 Resp: 49464
Ion Ratio Lower Upper
43 100
45 15.9 12.7 19.1



#44
Isopropyl Acetate
Concen: 16.331 ug/l
RT: 6.41 min Scan# 873
Delta R.T. 0.00 min
Lab File: VX019069.D
Acq: 23 Oct 2020 10:16

Tgt Ion: 43 Resp: 82195
Ion Ratio Lower Upper
43 100
61 23.9 19.1 28.7





#45

1,4-Dioxane

Concen: 342.405 ug/l

RT: 7.73 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VX019069.D

Acq: 23 Oct 2020 10:16

Instrument :

MSVOA_V

ClientSampleId :

VSTDICCC020

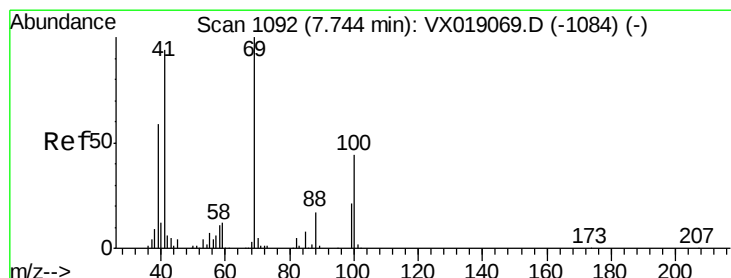
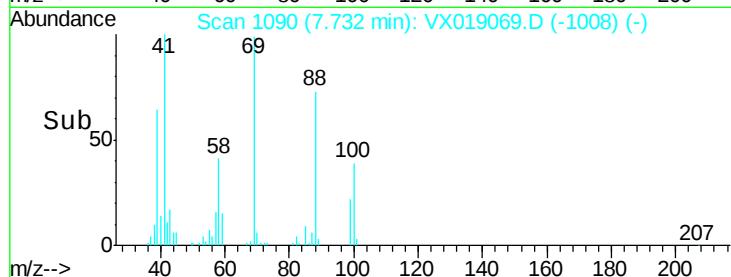
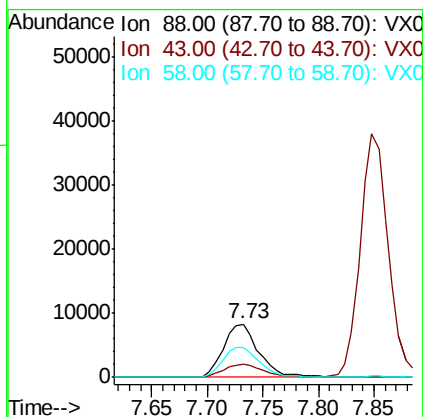
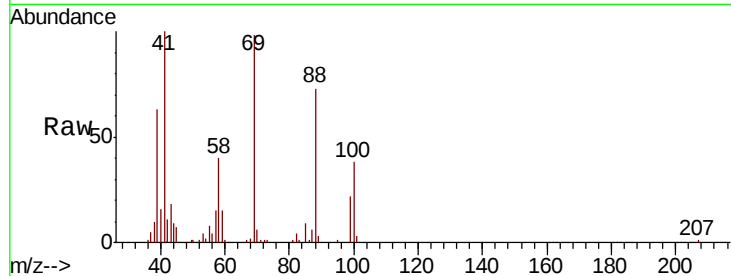
Tot Ion: 88 Resp: 18114

Ion Ratio Lower Upper

88 100

43 25.6 20.5 30.7

58 59.3 47.4 71.2



#46

Methyl methacrylate

Concen: 16.871 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. 0.00 min

Lab File: VX019069.D

Acq: 23 Oct 2020 10:16

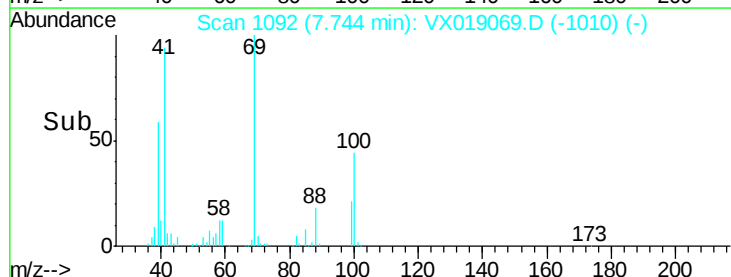
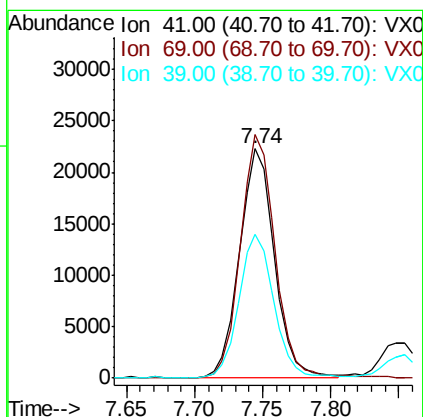
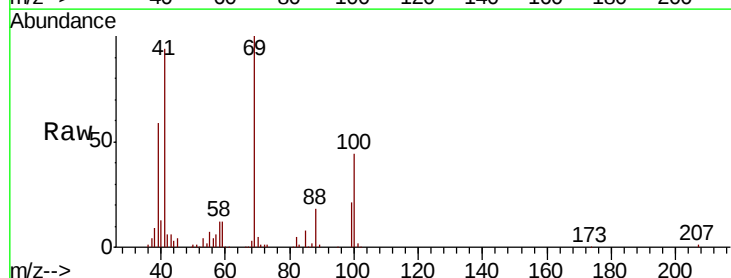
Tgt Ion: 41 Resp: 40188

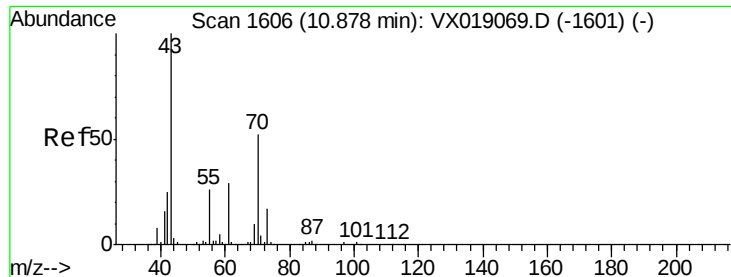
Ion Ratio Lower Upper

41 100

69 106.3 53.1 159.4

39 62.6 31.3 93.9





#47

n-amvl Acetate

Concen: 16.237 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX019069.D

Acq: 23 Oct 2020 10:16

Instrument :

MSVOA_V

ClientSampleId :

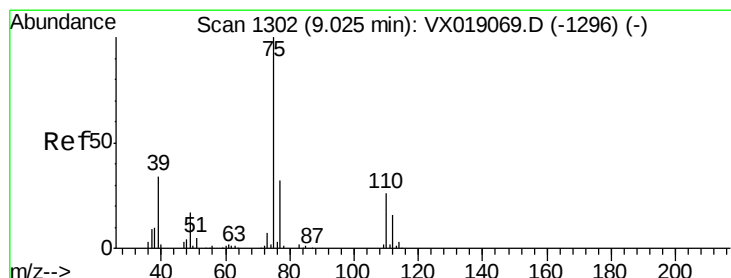
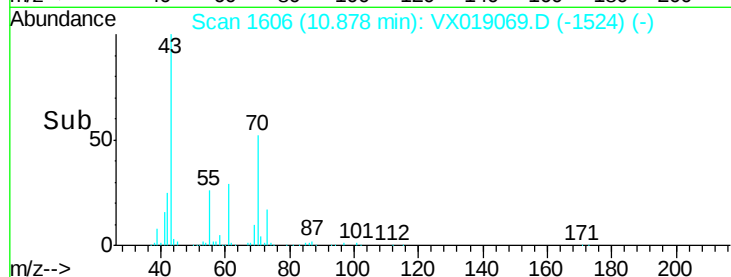
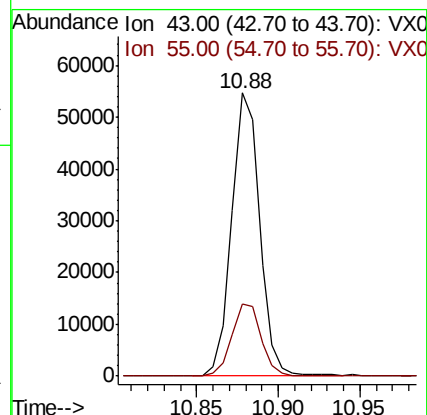
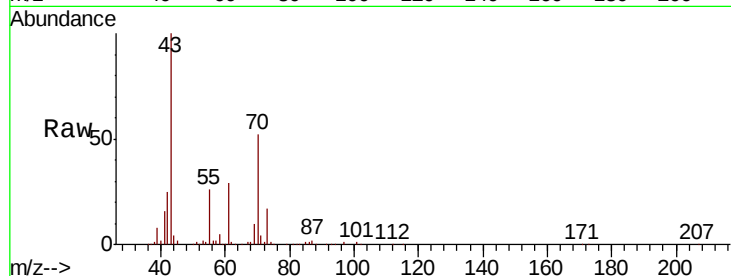
VSTDICCC020

Tot Ion: 43 Resp: 65551

Ion Ratio Lower Upper

43 100

55 26.9 21.5 32.3



#48

t-1,3-Dichloropropene

Concen: 16.134 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. 0.00 min

Lab File: VX019069.D

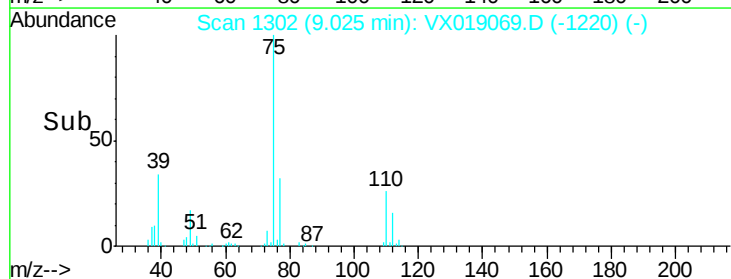
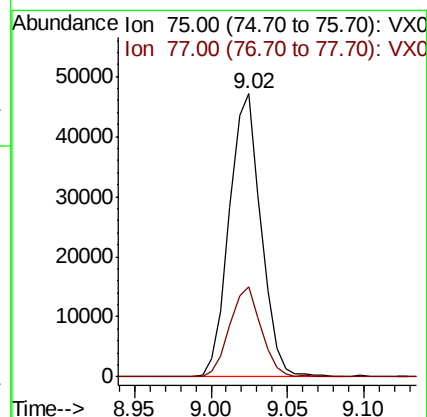
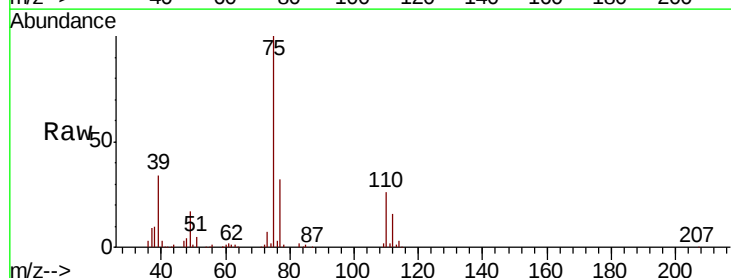
Acq: 23 Oct 2020 10:16

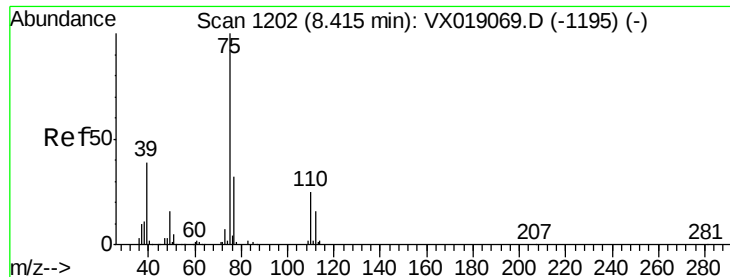
Tgt Ion: 75 Resp: 68073

Ion Ratio Lower Upper

75 100

77 31.6 25.3 37.9



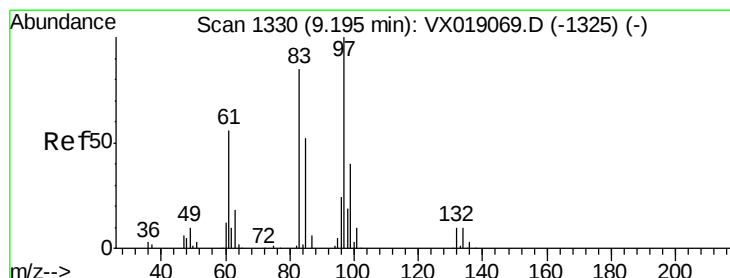
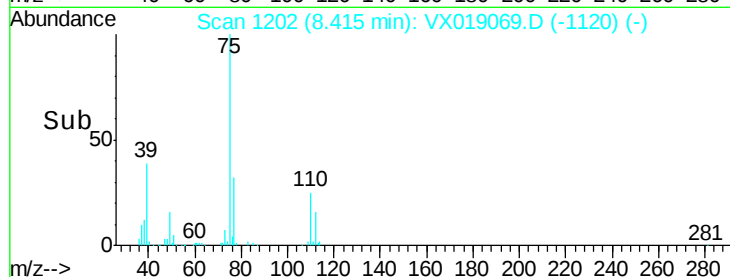
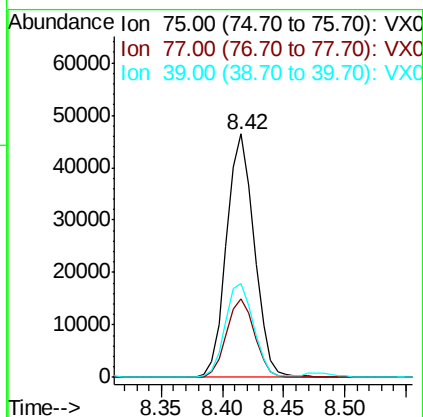
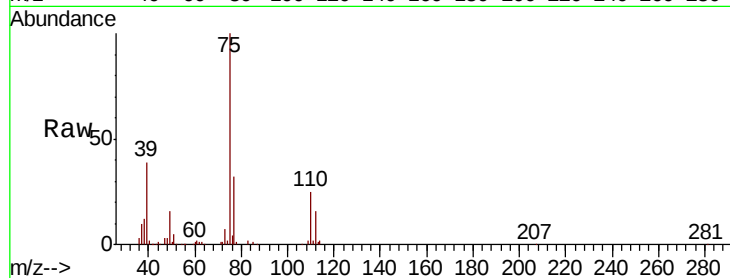


#49

cis-1,3-Dichloropropene
 Concen: 16.269 ug/l
 RT: 8.42 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: VX019069.D
 Acq: 23 Oct 2020 10:16

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDICCC020

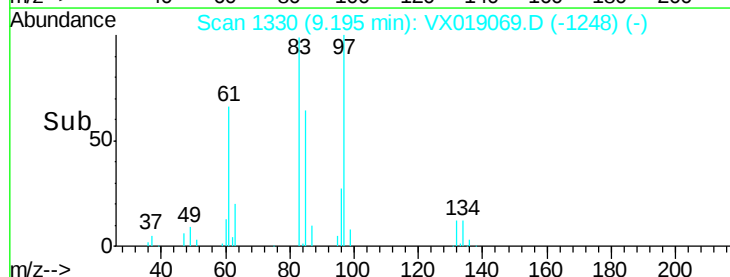
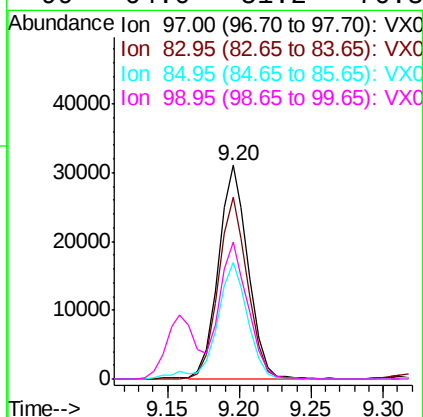
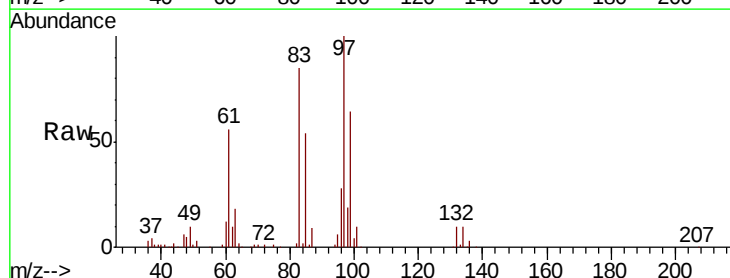
Tot Ion	Ratio	Lower	Upper
75	100		
77	32.3	25.8	38.8
39	38.8	31.0	46.6

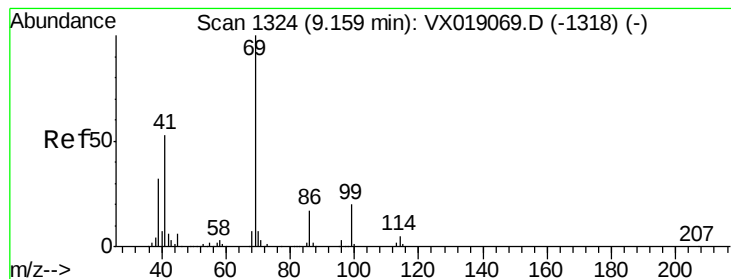


#50

1,1,2-Trichloroethane
 Concen: 16.240 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX019069.D
 Acq: 23 Oct 2020 10:16

Tgt Ion	Ratio	Lower	Upper
97	100		
83	84.7	67.8	101.6
85	54.4	43.5	65.3
99	64.0	51.2	76.8





#51

Ethyl methacrylate

Concen: 16.132 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX019069.D

Acq: 23 Oct 2020 10:16

Instrument :

MSVOA_V

ClientSampleId :

VSTDICCC020

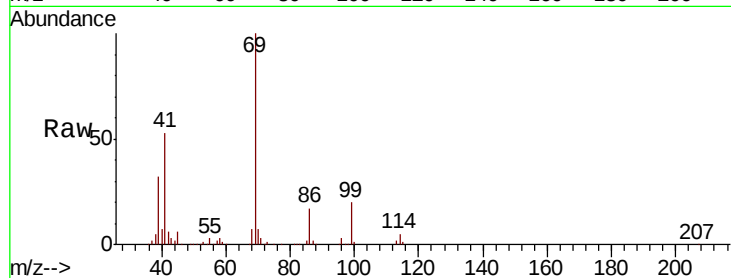
Tot Ion: 69 Resp: 64995

Ion Ratio Lower Upper

69 100

41 52.9 26.5 79.4

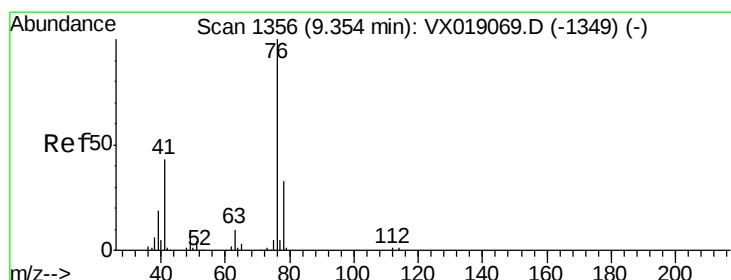
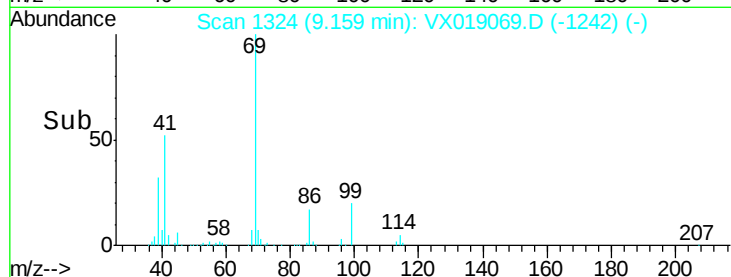
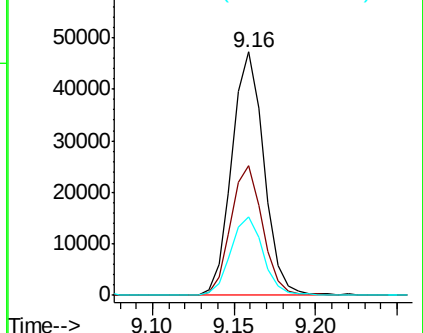
39 32.4 16.2 48.6



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#52

1,3-Dichloropropane

Concen: 16.540 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX019069.D

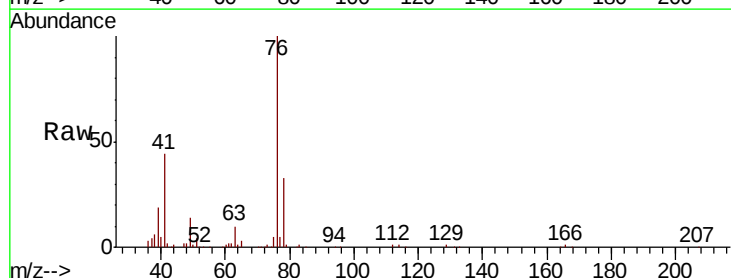
Acq: 23 Oct 2020 10:16

Tgt Ion: 76 Resp: 74398

Ion Ratio Lower Upper

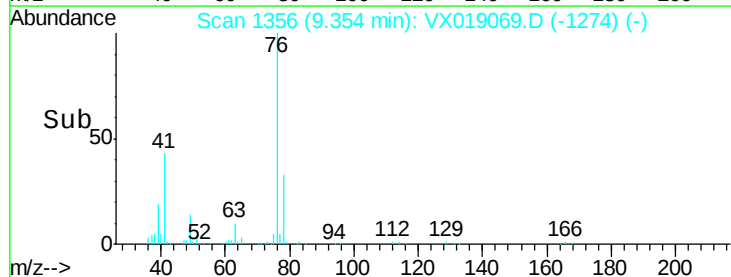
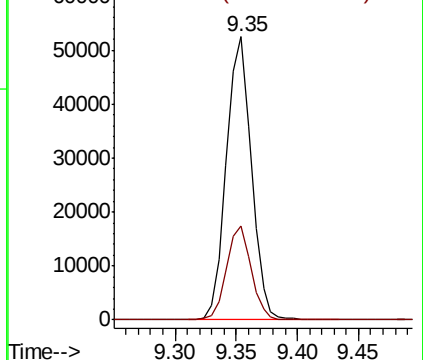
76 100

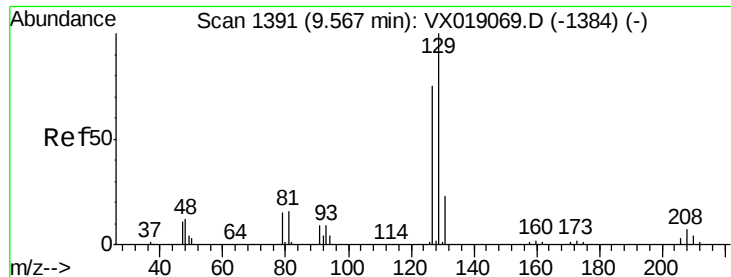
78 32.6 0.0 65.2



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





#53

Dibromochloromethane

Concen: 15.409 ug/l

RT: 9.57 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX019069.D

Acq: 23 Oct 2020 10:16

Instrument :

MSVOA_V

ClientSampleId :

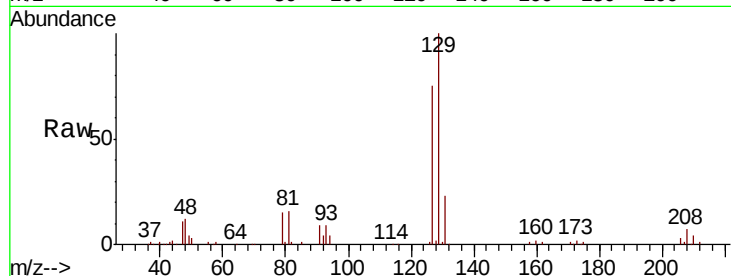
VSTDICCC020

Tot Ion:129 Resp: 47364

Ion Ratio Lower Upper

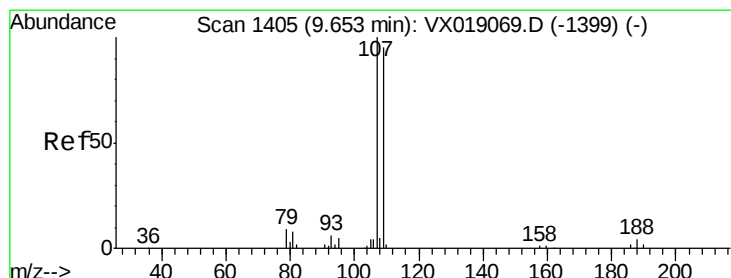
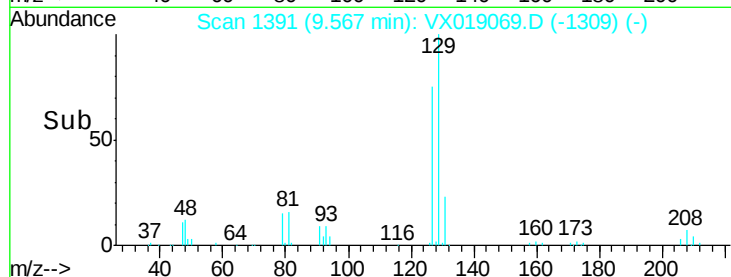
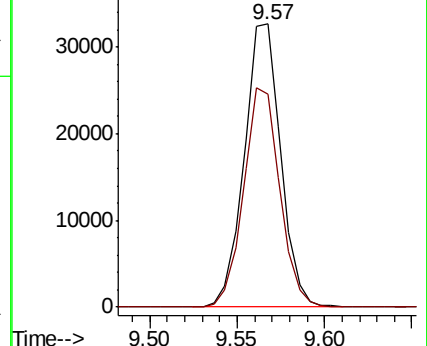
129 100

127 76.7 38.4 115.1



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 16.323 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX019069.D

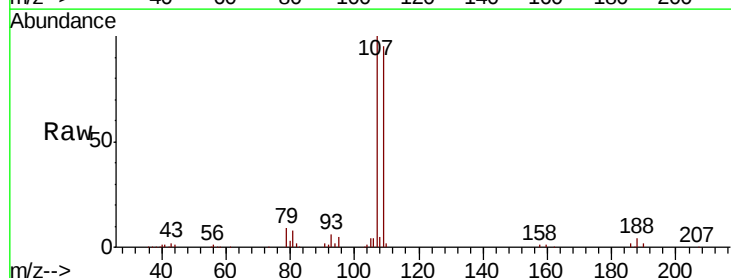
Acq: 23 Oct 2020 10:16

Tgt Ion:107 Resp: 48975

Ion Ratio Lower Upper

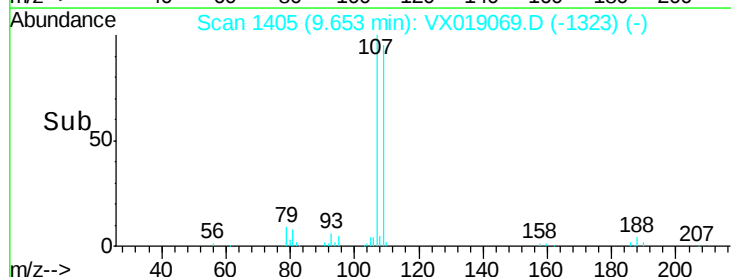
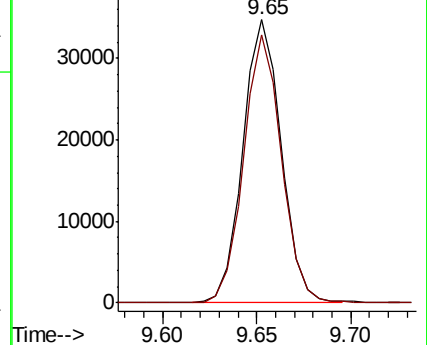
107 100

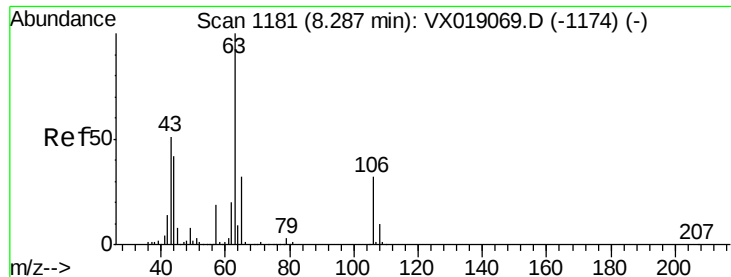
109 93.3 74.6 112.0



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: 93.113 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VX019069.D

Acq: 23 Oct 2020 10:16

Instrument :

MSVOA_V

ClientSampleId :

VSTDICCC020

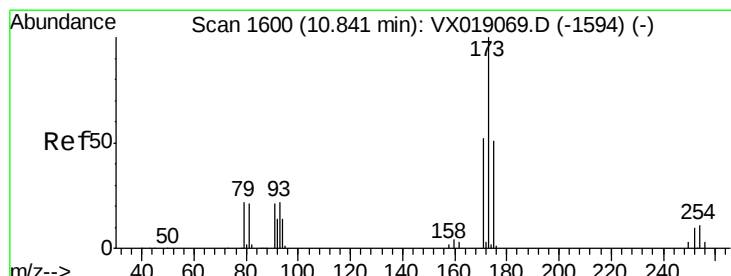
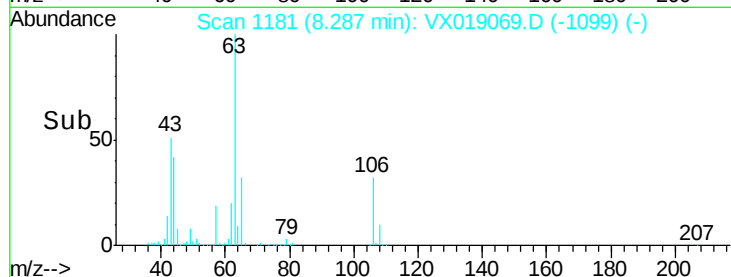
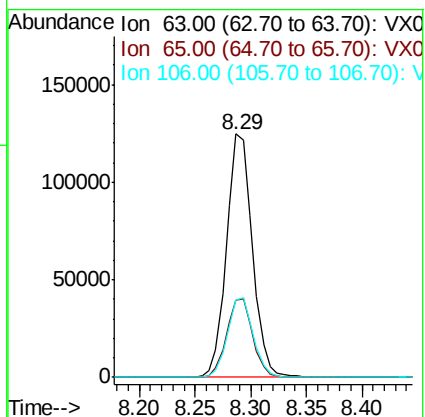
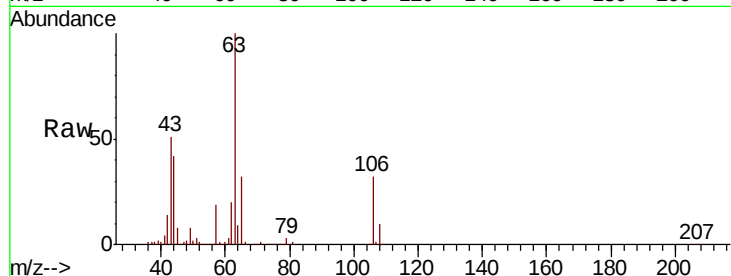
Tot Ion: 63 Resp: 200486

Ion Ratio Lower Upper

63 100

65 32.5 26.0 39.0

106 32.4 25.9 38.9



#56

Bromoform

Concen: 15.073 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX019069.D

Acq: 23 Oct 2020 10:16

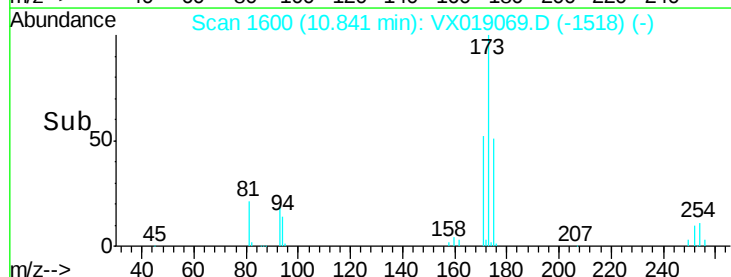
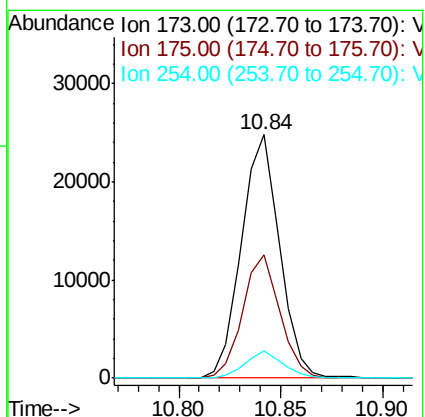
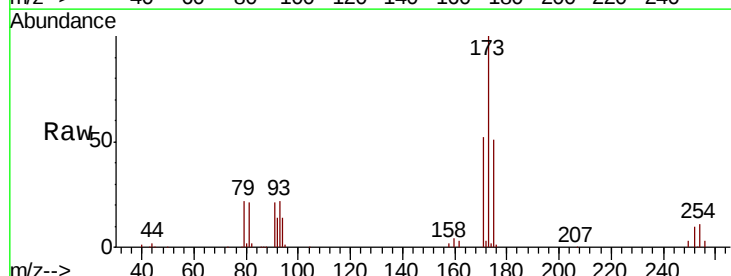
Tgt Ion: 173 Resp: 32390

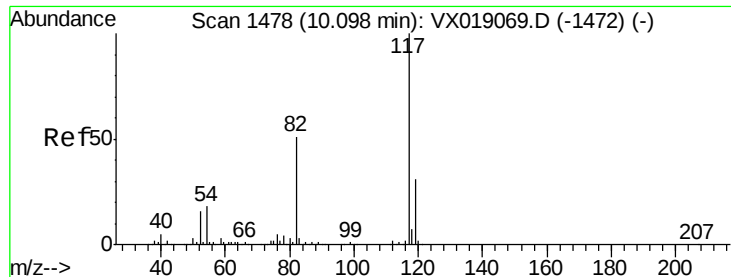
Ion Ratio Lower Upper

173 100

175 49.5 39.6 59.4

254 10.8 8.6 13.0

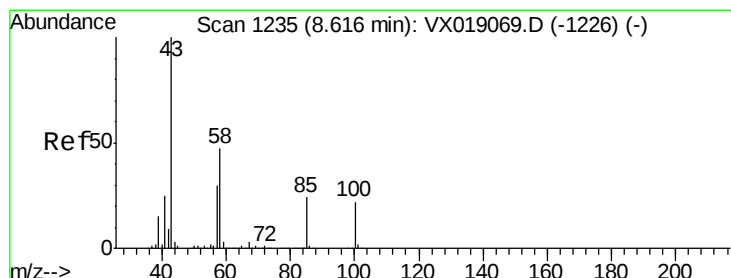
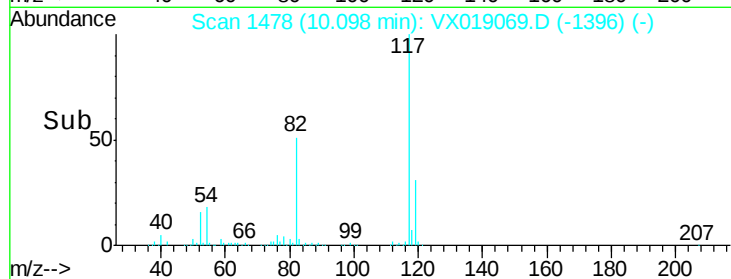
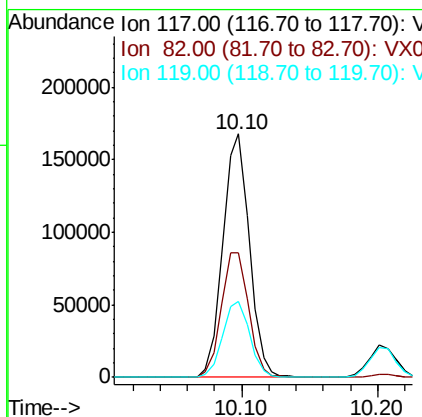
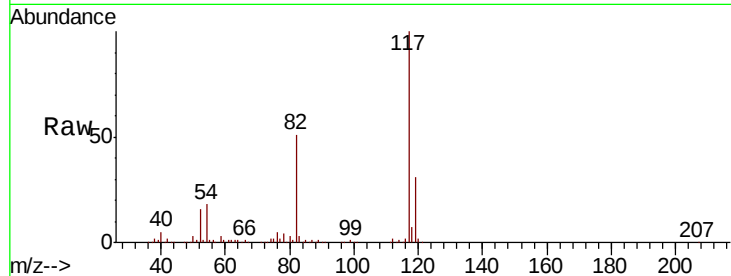




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX019069.D
Acq: 23 Oct 2020 10:16

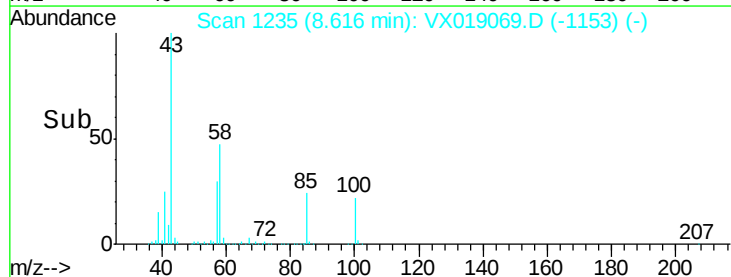
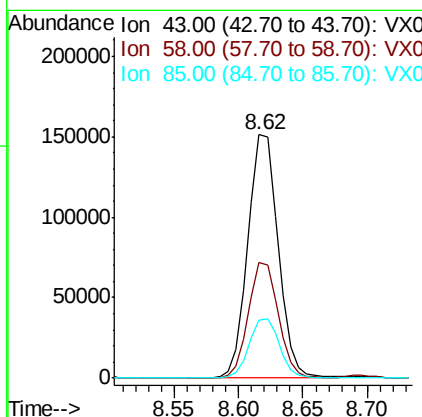
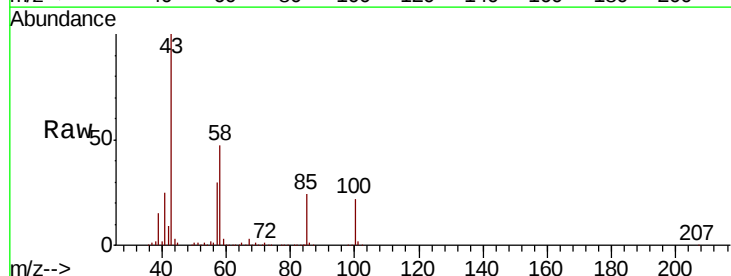
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC020

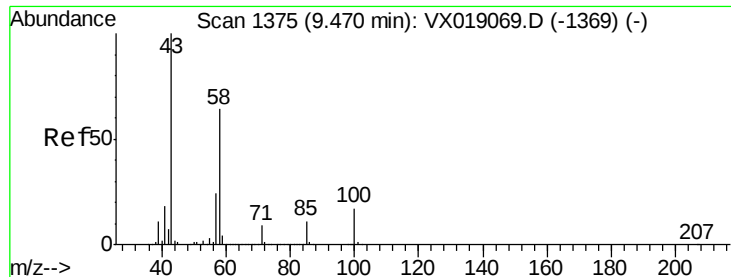
Tot Ion	Ratio	Lower	Upper
117	100		
82	53.1	42.5	63.7
119	32.0	25.6	38.4



#58
4-Methyl-2-Pentanone
Concen: 85.830 ug/l
RT: 8.62 min Scan# 1235
Delta R.T. 0.00 min
Lab File: VX019069.D
Acq: 23 Oct 2020 10:16

Tgt Ion	Ratio	Lower	Upper
43	100		
58	47.0	37.6	56.4
85	24.3	19.4	29.2

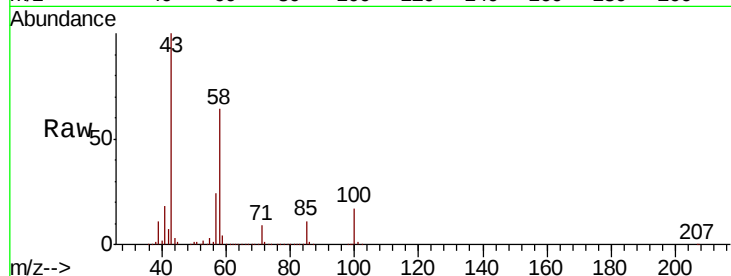




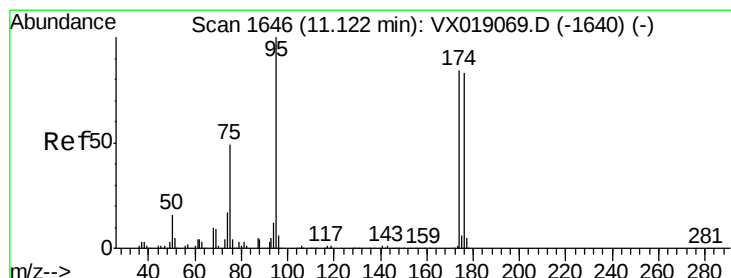
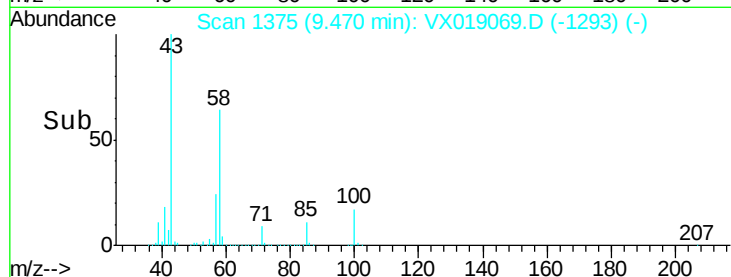
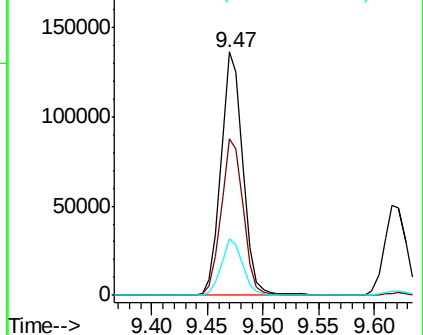
#59
2-Hexanone
Concen: 87.074 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX019069.D
Acq: 23 Oct 2020 10:16

Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC020

Tot Ion: 43 Resp: 185476
Ion Ratio Lower Upper
43 100
58 64.9 51.9 77.9
57 22.8 18.2 27.4

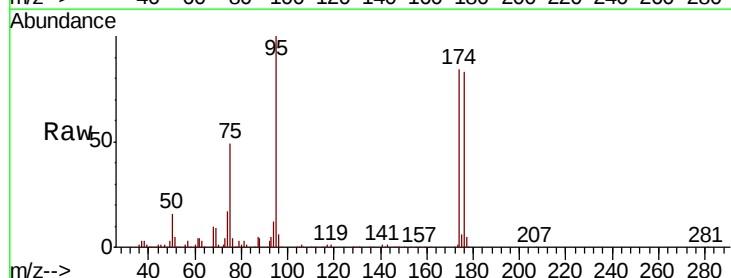


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0
Ion 57.00 (56.70 to 57.70): VX0

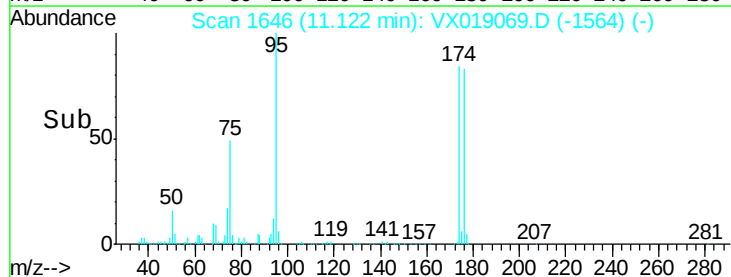
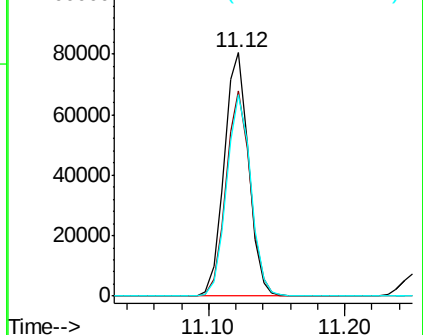


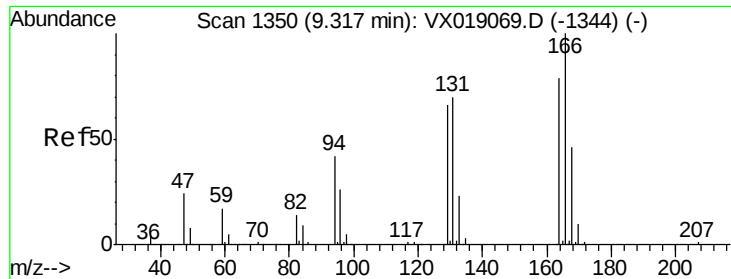
#60
4-Bromofluorobenzene
Concen: 29.480 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX019069.D
Acq: 23 Oct 2020 10:16

Tgt Ion: 95 Resp: 100297
Ion Ratio Lower Upper
95 100
174 82.9 66.3 99.5
176 81.9 65.5 98.3



Abundance Ion 95.00 (94.70 to 95.70): VX0
Ion 174.00 (173.70 to 174.70): V
Ion 176.00 (175.70 to 176.70): V





#61

Tetrachloroethene

Concen: 16.970 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. 0.00 min

Lab File: VX019069.D

Acq: 23 Oct 2020 10:16

Instrument :

MSVOA_V

ClientSampleId :

VSTDICCC020

Tot Ion:164 Resp: 45635

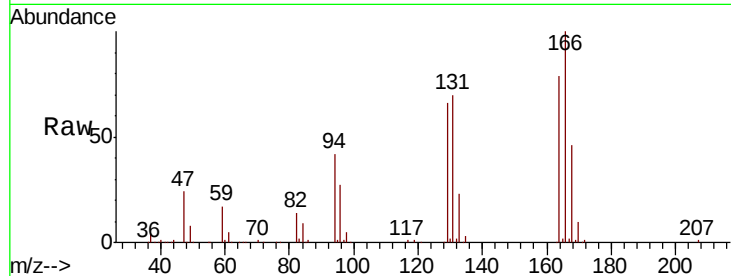
Ion Ratio Lower Upper

164 100

166 127.4 101.9 152.9

129 83.8 67.0 100.6

131 88.9 71.1 106.7

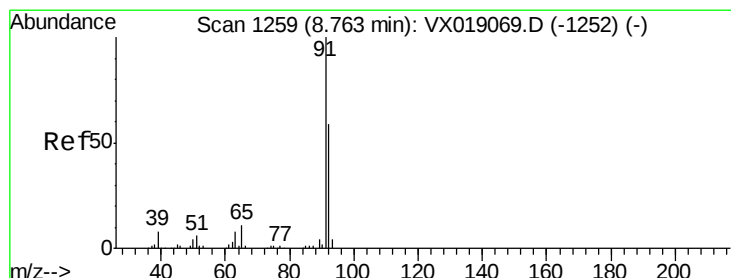
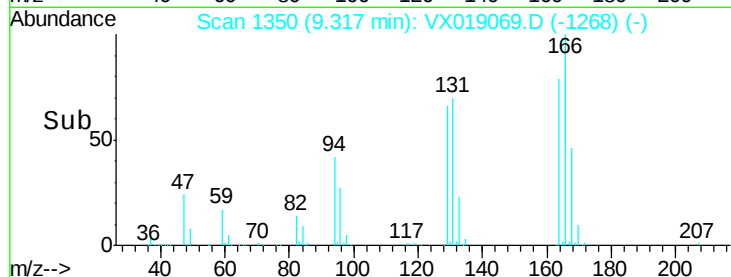
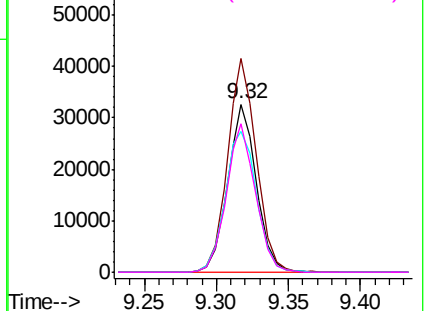


Abundance Ion 163.85 (163.55 to 164.55): V

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: 16.720 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. 0.00 min

Lab File: VX019069.D

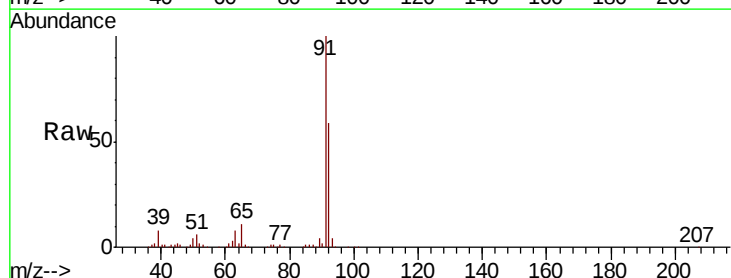
Acq: 23 Oct 2020 10:16

Tgt Ion: 91 Resp: 199184

Ion Ratio Lower Upper

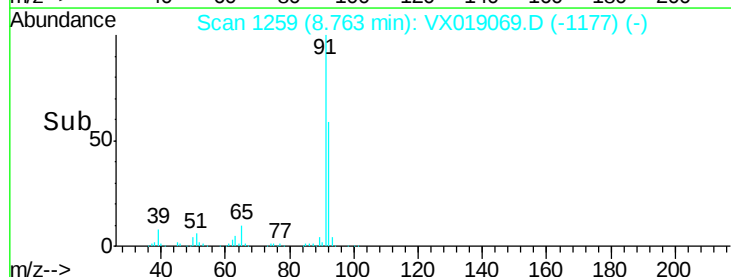
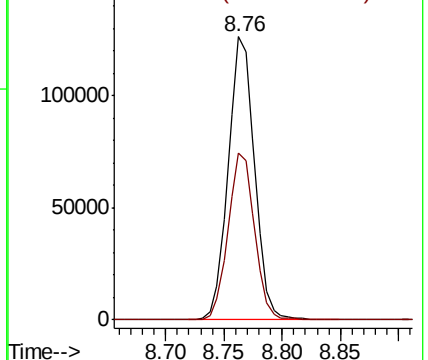
91 100

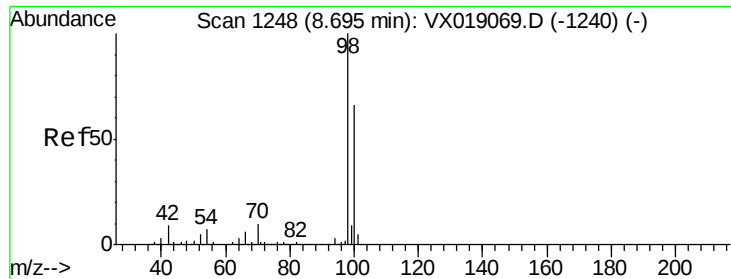
92 59.1 47.3 70.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 30.293 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX019069.D

Acq: 23 Oct 2020 10:16

Instrument :

MSVOA_V

ClientSampleId :

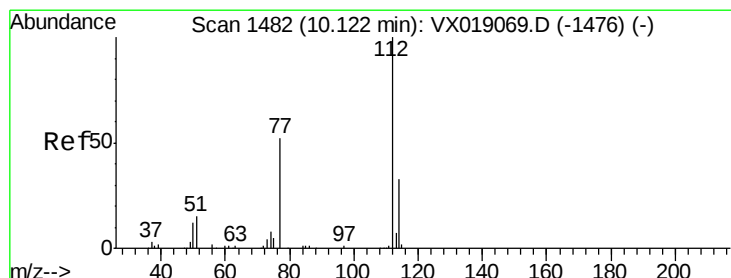
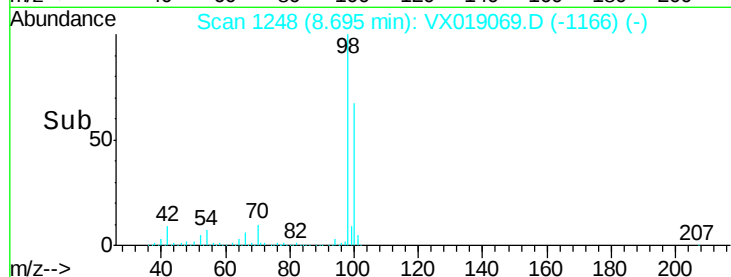
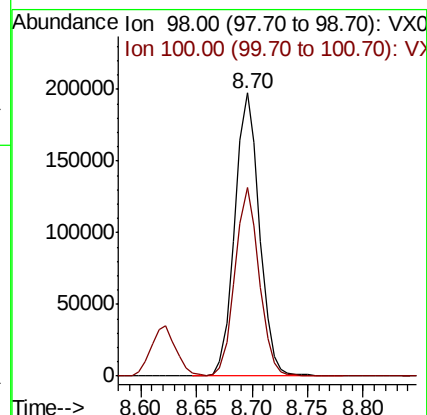
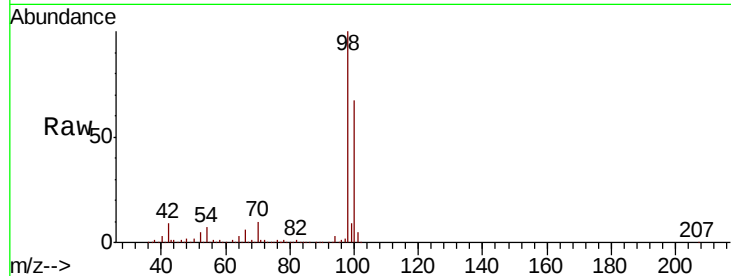
VSTDICCC020

Tot Ion: 98 Resp: 303169

Ion Ratio Lower Upper

98 100

100 65.3 52.2 78.4



#64

Chlorobenzene

Concen: 16.398 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX019069.D

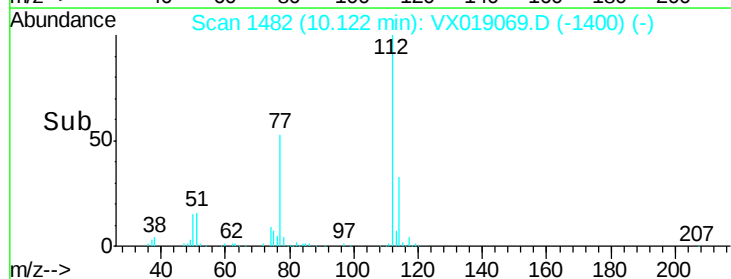
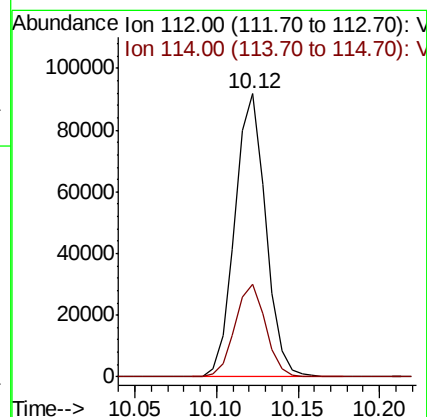
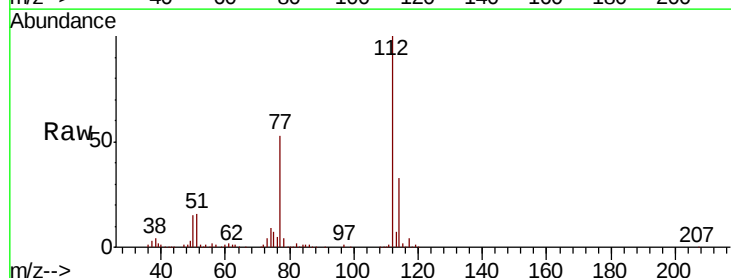
Acq: 23 Oct 2020 10:16

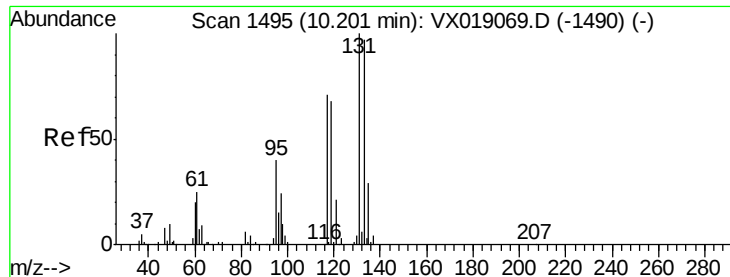
Tgt Ion: 112 Resp: 121433

Ion Ratio Lower Upper

112 100

114 32.7 26.2 39.2





#65

1,1,1,2-Tetrachloroethane

Concen: 16.258 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. 0.00 min

Lab File: VX019069.D

Acq: 23 Oct 2020 10:16

Instrument :

MSVOA_V

ClientSampleId :

VSTDICCC020

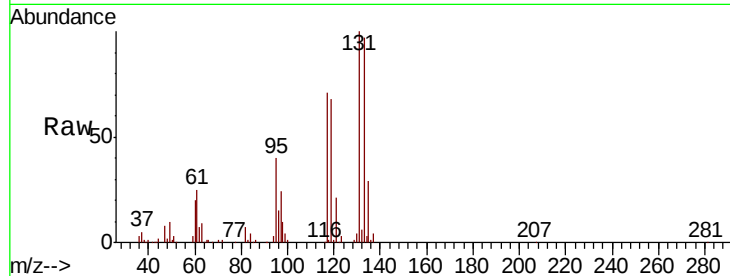
Tot Ion:131 Resp: 43787

Ion Ratio Lower Upper

131 100

133 95.8 0.0 191.6

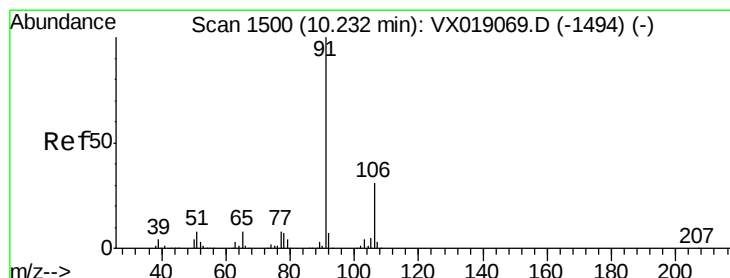
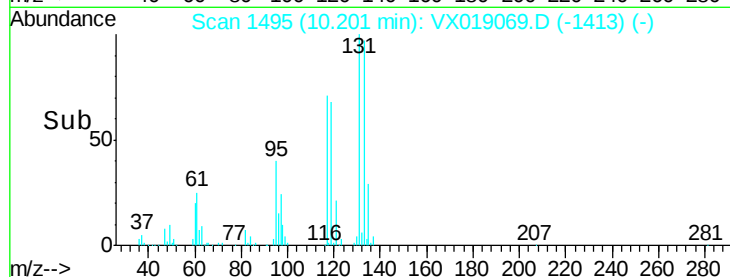
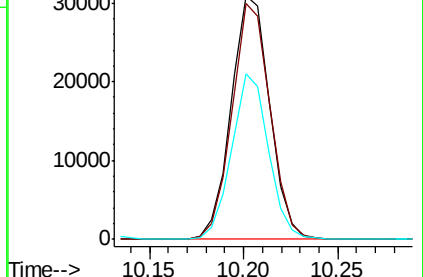
119 65.0 0.0 130.0



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: 16.612 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. 0.00 min

Lab File: VX019069.D

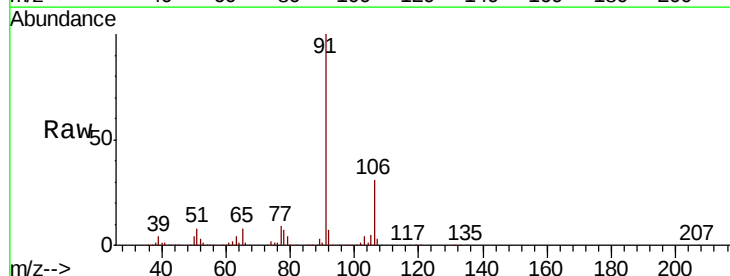
Acq: 23 Oct 2020 10:16

Tgt Ion: 91 Resp: 216962

Ion Ratio Lower Upper

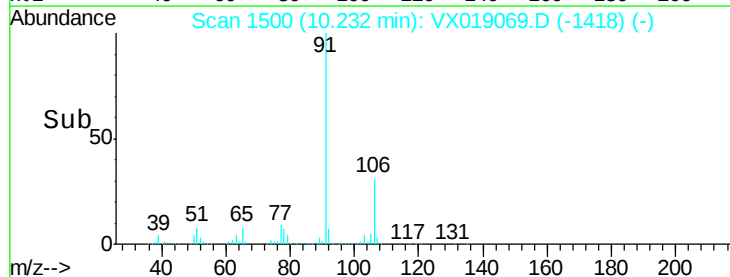
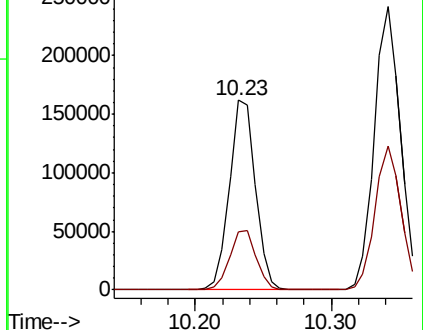
91 100

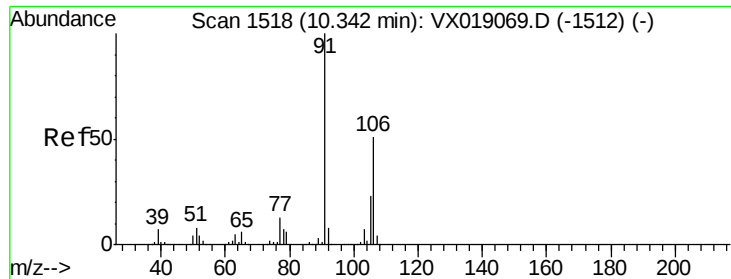
106 30.9 24.7 37.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

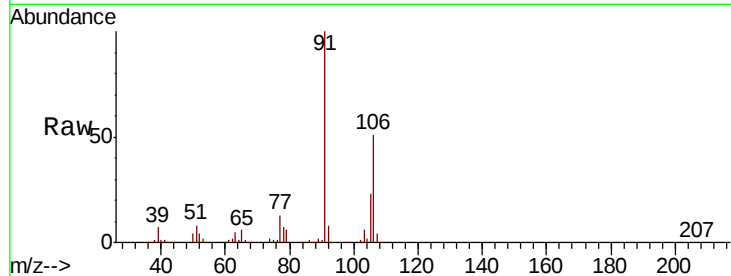




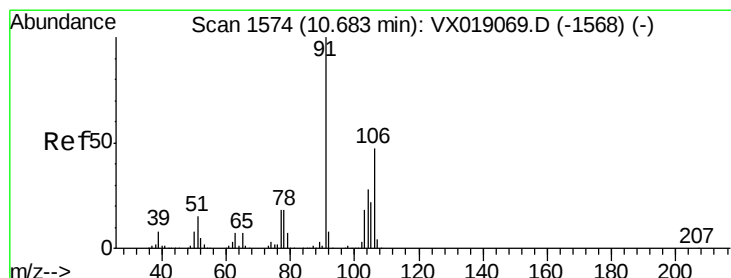
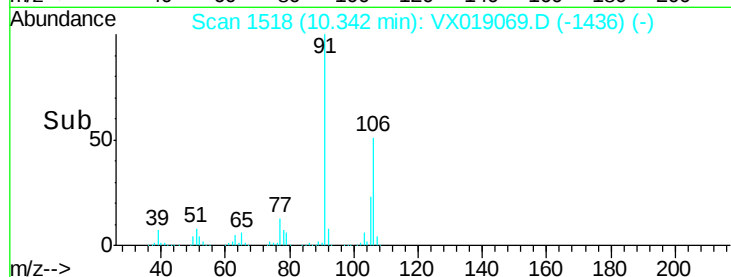
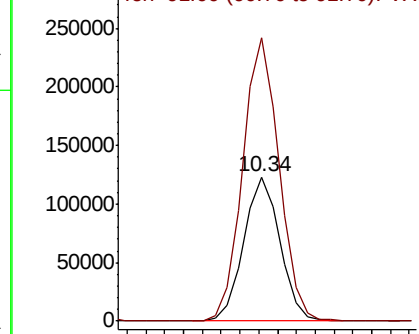
#67
m/p-Xylenes
Concen: 32.936 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX019069.D
Acq: 23 Oct 2020 10:16

Instrument :
MSVOA_V
ClientSampled :
VSTDICCC020

Tot Ion:106 Resp: 164054
Ion Ratio Lower Upper
106 100
91 196.9 157.5 236.3

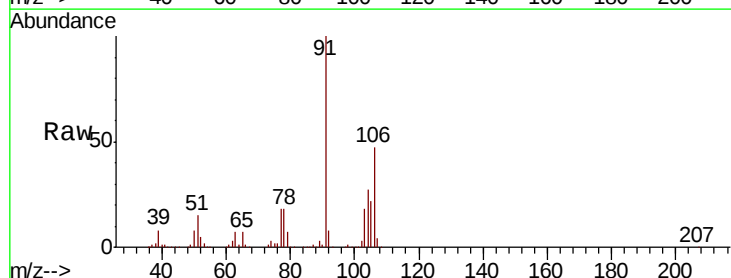


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

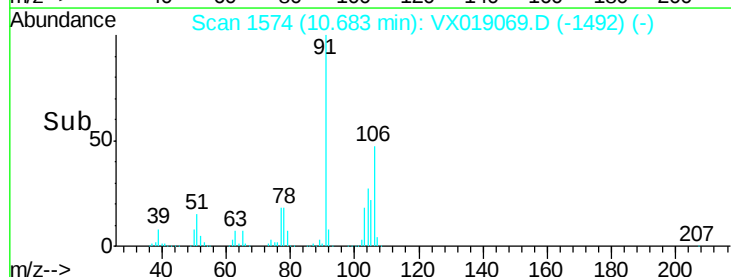
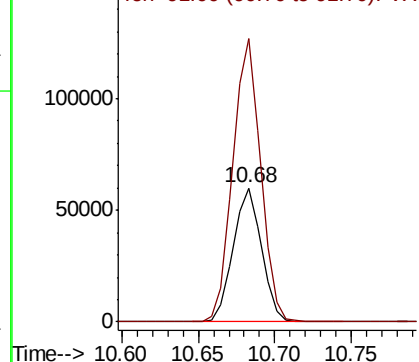


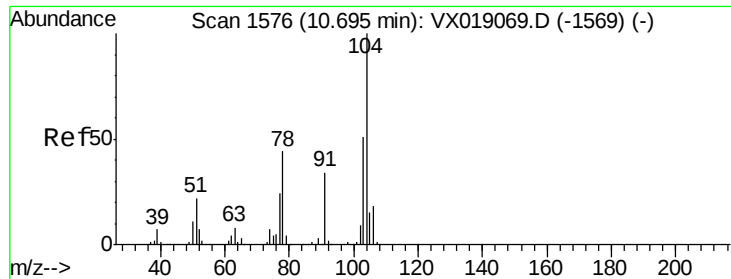
#68
o-Xylene
Concen: 16.172 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX019069.D
Acq: 23 Oct 2020 10:16

Tgt Ion:106 Resp: 76826
Ion Ratio Lower Upper
106 100
91 207.6 103.8 311.4



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

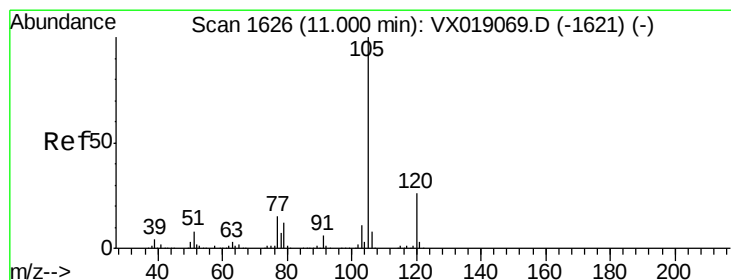
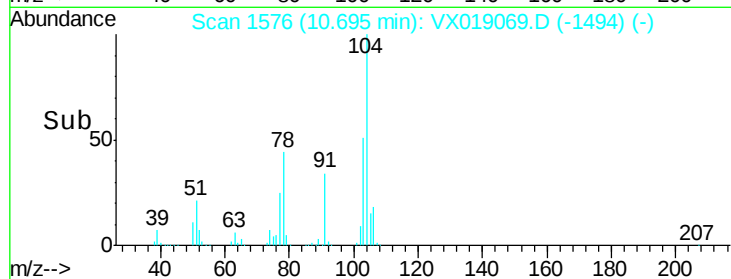
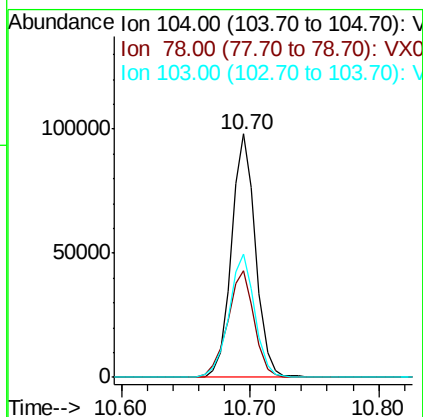
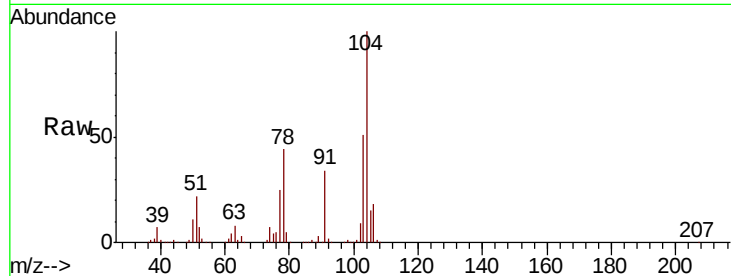




#69
Stvrene
Concen: 15.964 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX019069.D
Acq: 23 Oct 2020 10:16

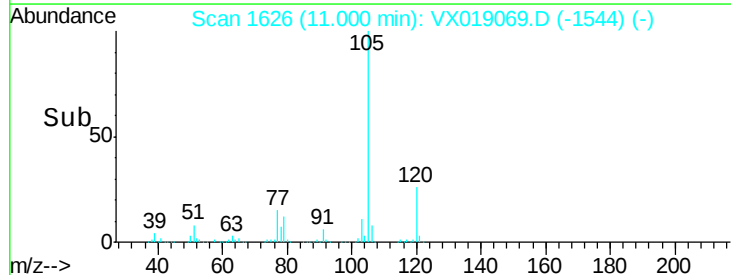
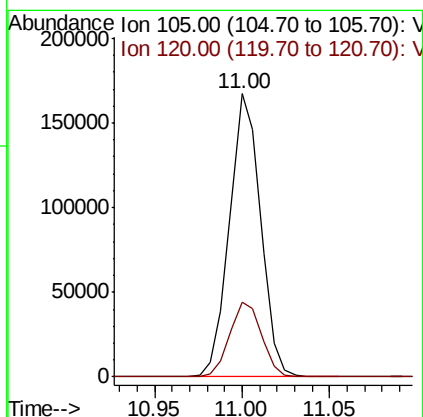
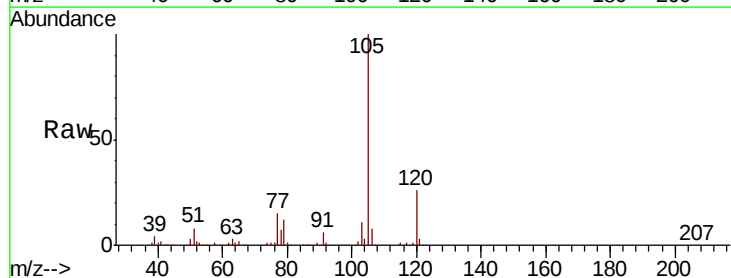
Instrument :
MSVOA_V
ClientSampled :
VSTDICCC020

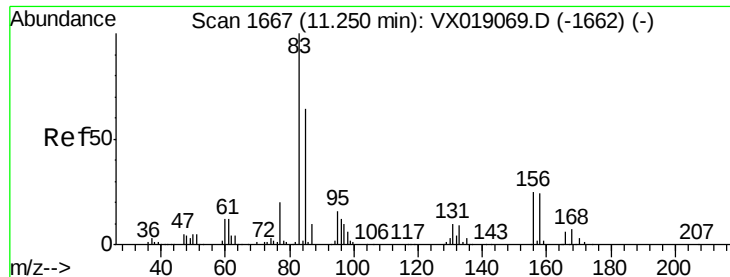
Tot Ion:104 Resp: 127773
Ion Ratio Lower Upper
104 100
78 48.3 38.6 58.0
103 54.3 43.4 65.2



#70
Isopropylbenzene
Concen: 16.202 ug/l
RT: 11.00 min Scan# 1626
Delta R.T. 0.00 min
Lab File: VX019069.D
Acq: 23 Oct 2020 10:16

Tgt Ion:105 Resp: 206952
Ion Ratio Lower Upper
105 100
120 27.2 19.0 35.4





#71

1,1,2,2-Tetrachloroethane

Concen: 16.610 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX019069.D

Acq: 23 Oct 2020 10:16

Instrument :

MSVOA_V

ClientSampleId :

VSTDICCC020

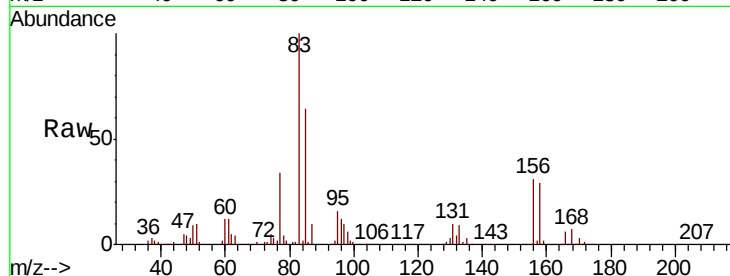
Tot Ion: 83 Resp: 61252

Ion Ratio Lower Upper

83 100

131 10.4 5.2 15.6

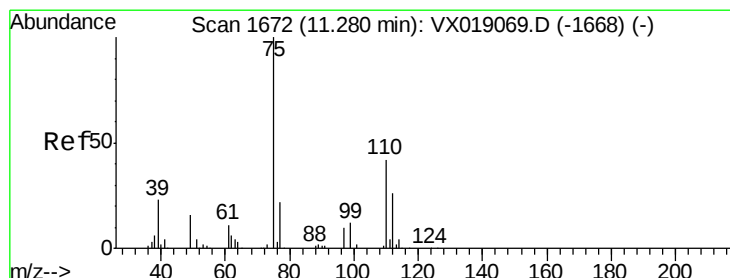
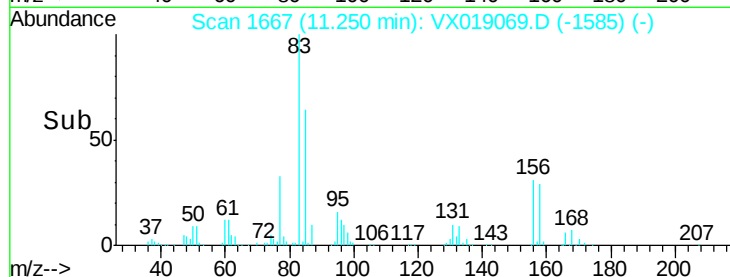
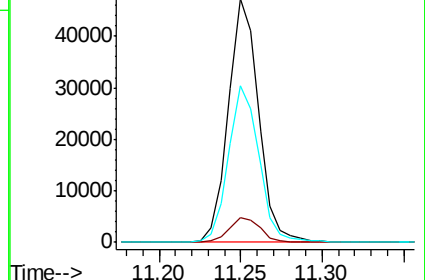
85 64.9 32.5 97.4



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: 21.663 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX019069.D

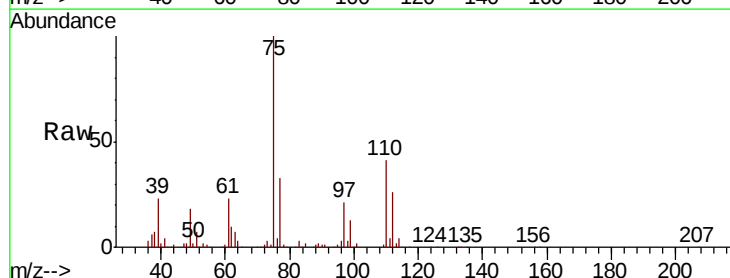
Acq: 23 Oct 2020 10:16

Tgt Ion: 75 Resp: 71840

Ion Ratio Lower Upper

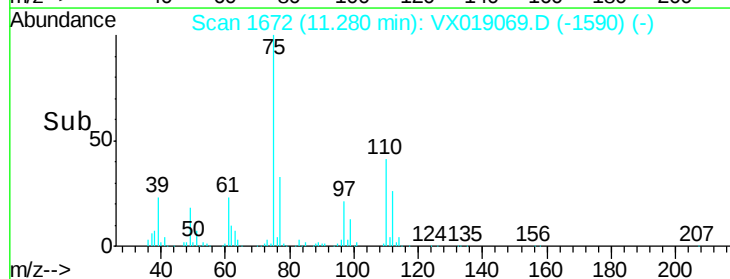
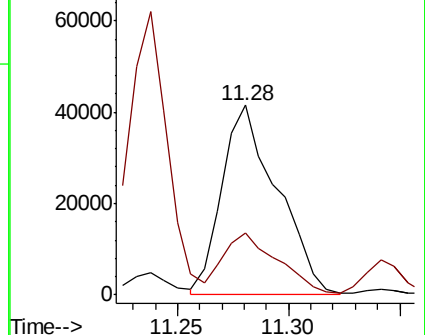
75 100

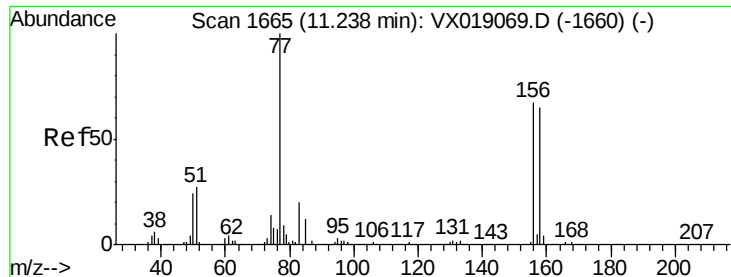
77 32.4 0.0 81.8



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#73

Bromobenzene

Concen: 16.187 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX019069.D

Acq: 23 Oct 2020 10:16

Instrument :

MSVOA_V

ClientSampleId :

VSTDICCC020

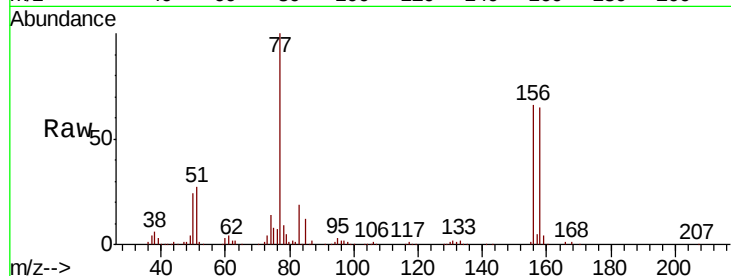
Tot Ion:156 Resp: 50531

Ion Ratio Lower Upper

156 100

77 149.8 0.0 299.6

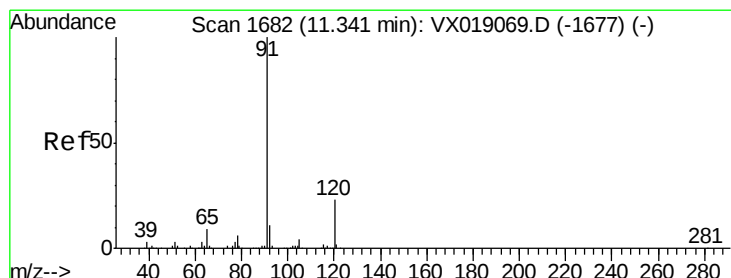
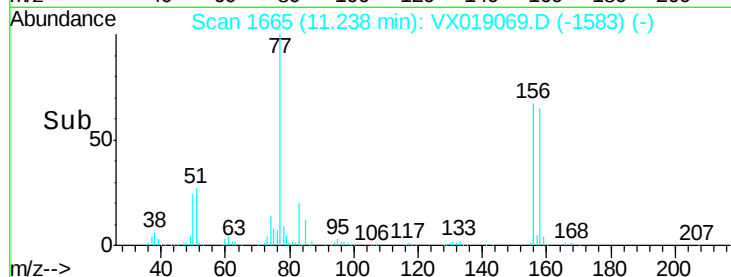
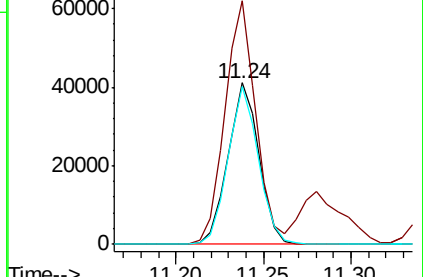
158 96.1 0.0 192.2



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: 16.455 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX019069.D

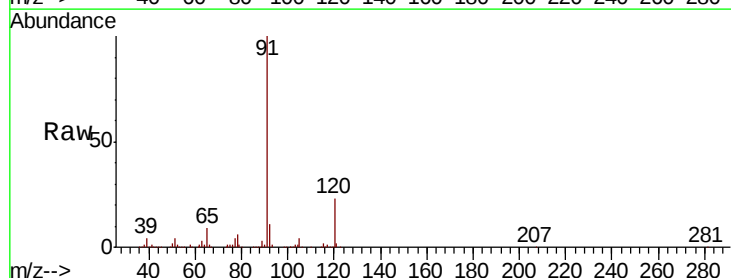
Acq: 23 Oct 2020 10:16

Tgt Ion: 91 Resp: 237996

Ion Ratio Lower Upper

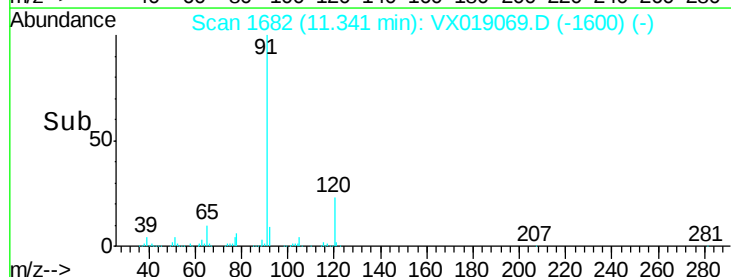
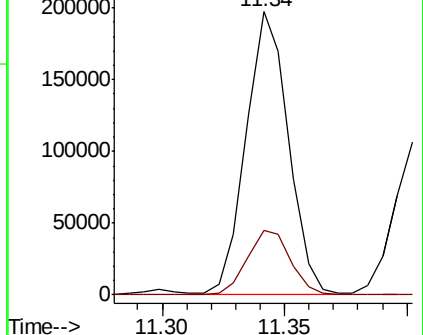
91 100

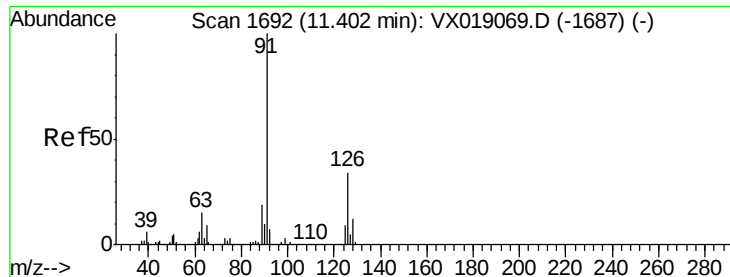
120 23.3 0.0 46.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 16.282 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX019069.D

Acq: 23 Oct 2020 10:16

Instrument :

MSVOA_V

ClientSampleId :

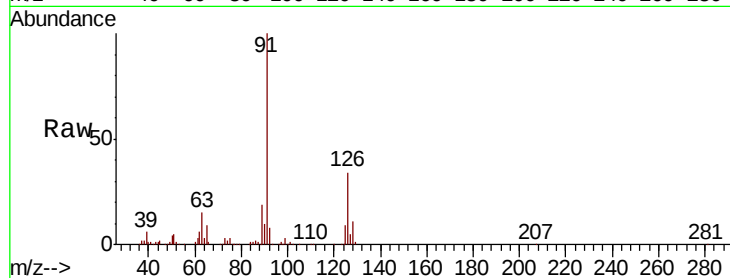
VSTDICCC020

Tot Ion: 91 Resp: 133204

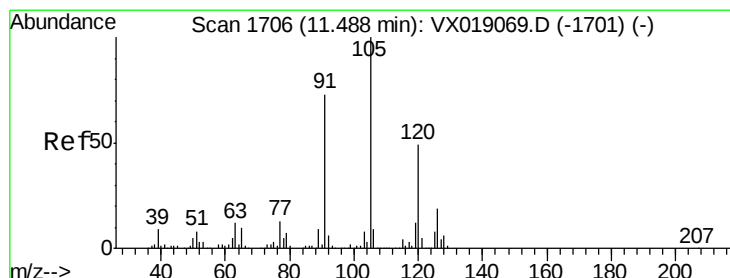
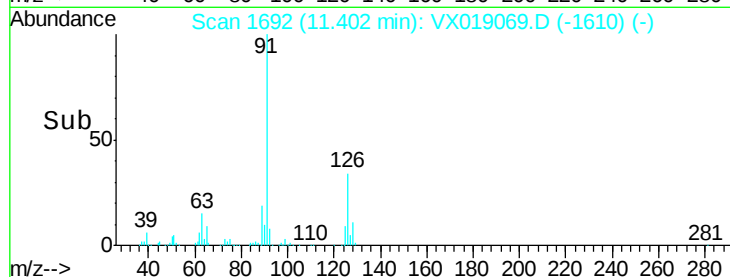
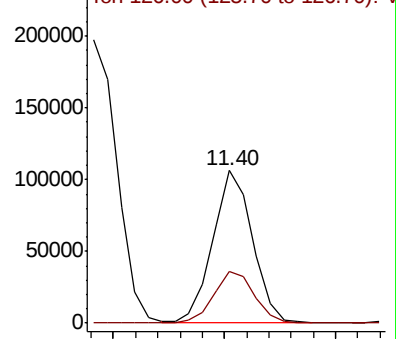
Ion Ratio Lower Upper

91 100

126 34.5 0.0 69.0



Abundance Ion 91.00 (90.70 to 91.70): VX019069.D (-1687) (-)



#76

1,3,5-Trimethylbenzene

Concen: 16.119 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VX019069.D

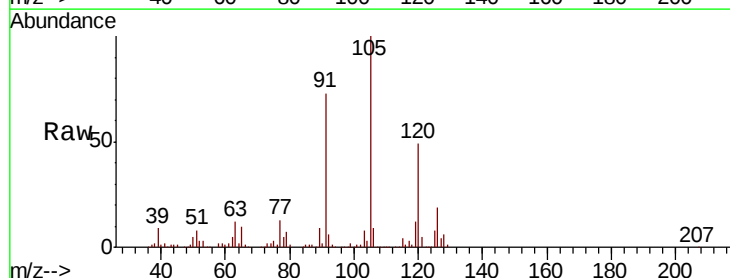
Acq: 23 Oct 2020 10:16

Tgt Ion: 105 Resp: 167069

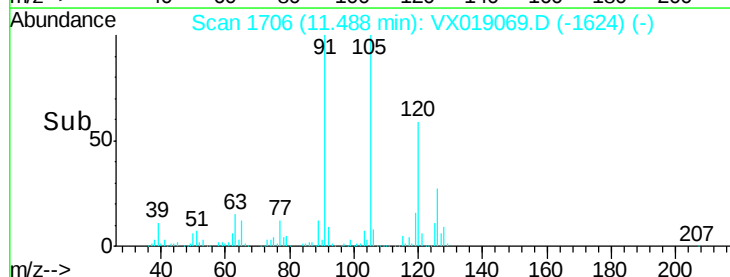
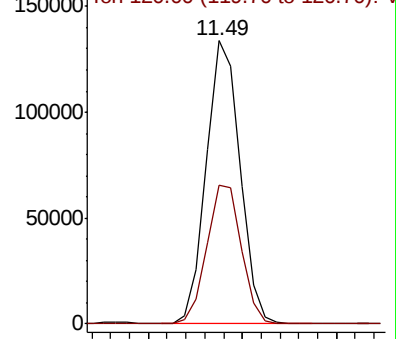
Ion Ratio Lower Upper

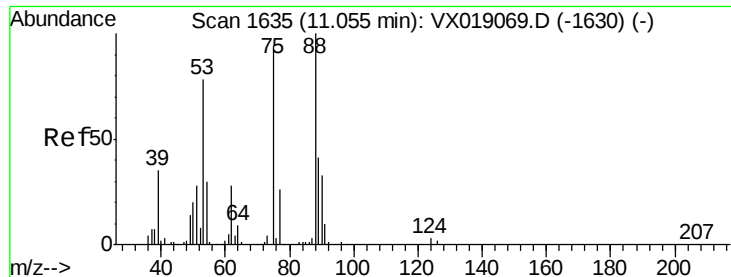
105 100

120 50.1 0.0 100.2



Abundance Ion 105.00 (104.70 to 105.70): VX019069.D (-1701) (-)





#77

t-1,4-Dichloro-2-butene

Concen: 15.914 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX019069.D

Acq: 23 Oct 2020 10:16

Instrument :

MSVOA_V

ClientSampleId :

VSTDICCC020

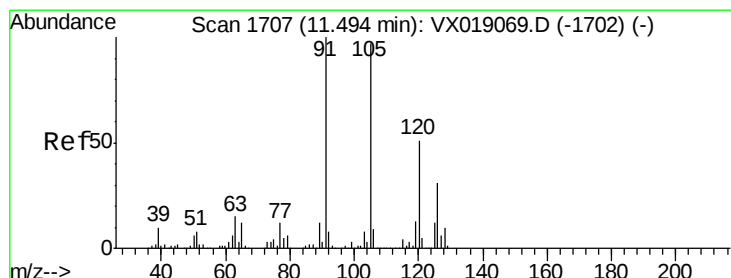
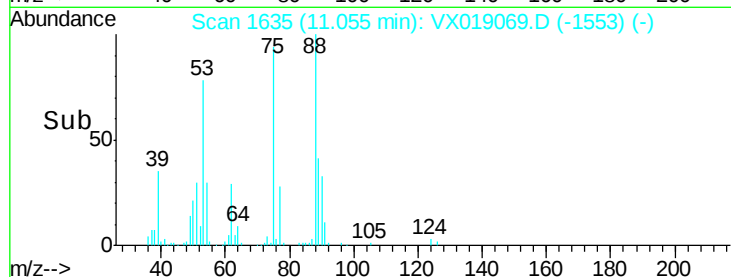
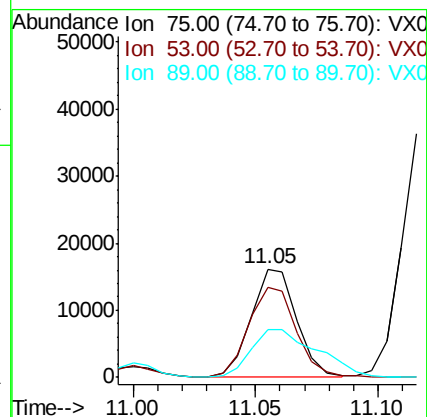
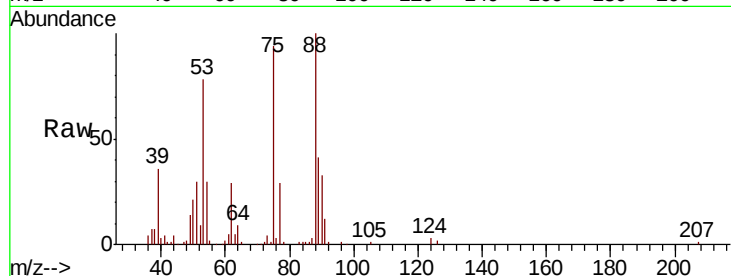
Tot Ion: 75 Resp: 20958

Ion Ratio Lower Upper

75 100

53 83.2 41.6 124.8

89 43.5 21.8 65.3



#78

4-Chlorotoluene

Concen: 16.282 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX019069.D

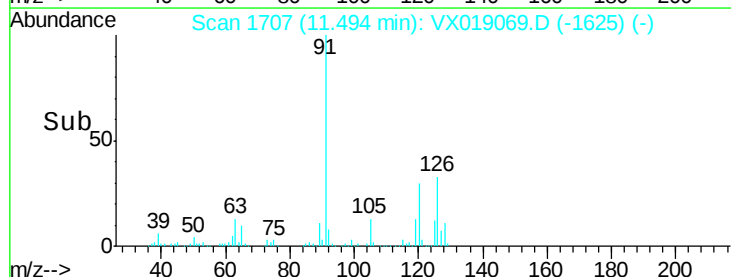
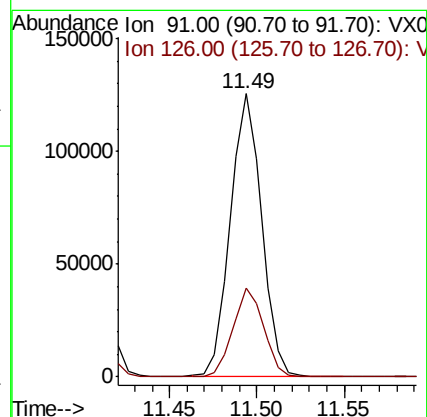
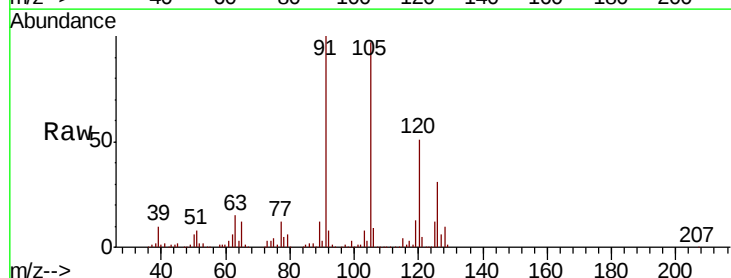
Acq: 23 Oct 2020 10:16

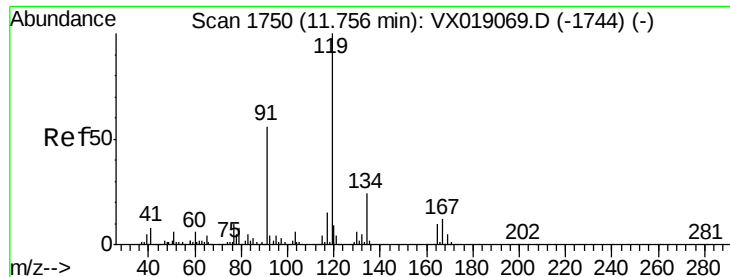
Tgt Ion: 91 Resp: 156531

Ion Ratio Lower Upper

91 100

126 30.6 0.0 61.2





#79

tert-butylbenzene

Concen: 16.182 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX019069.D

Acq: 23 Oct 2020 10:16

Instrument :

MSVOA_V

ClientSampleId :

VSTDICCC020

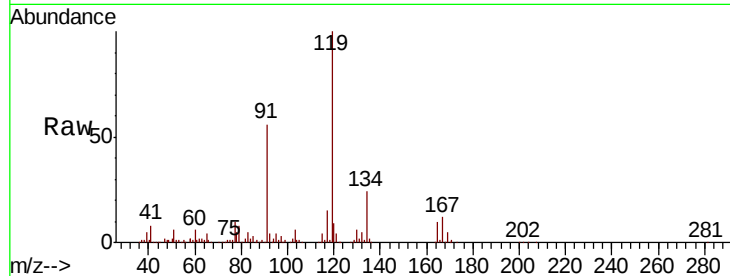
Tot Ion:119 Resp: 165167

Ion Ratio Lower Upper

119 100

91 55.7 0.0 111.4

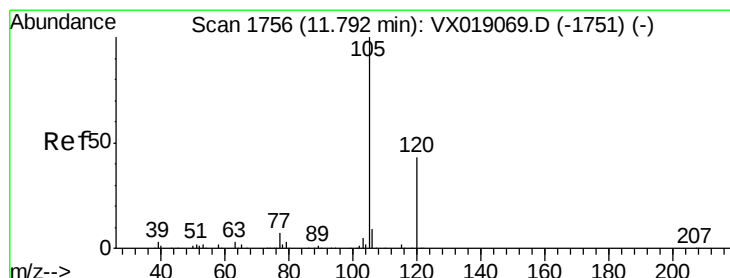
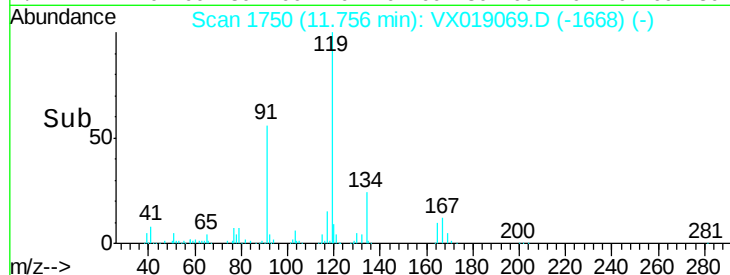
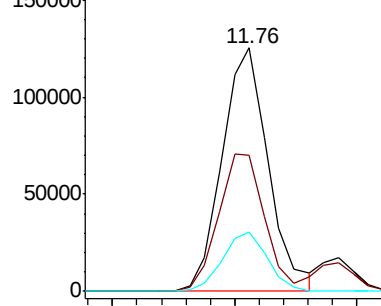
134 23.6 0.0 47.2



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#80

1,2,4-Trimethylbenzene

Concen: 16.385 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. 0.00 min

Lab File: VX019069.D

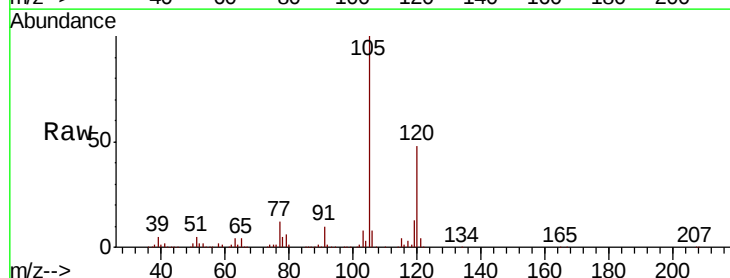
Acq: 23 Oct 2020 10:16

Tgt Ion:105 Resp: 168826

Ion Ratio Lower Upper

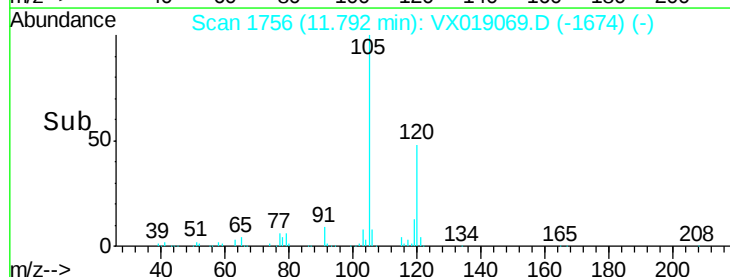
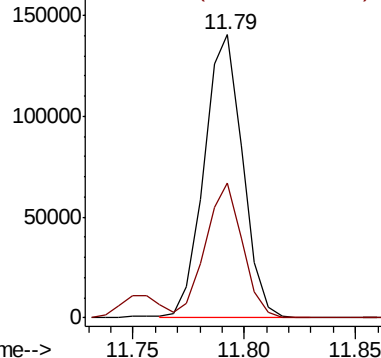
105 100

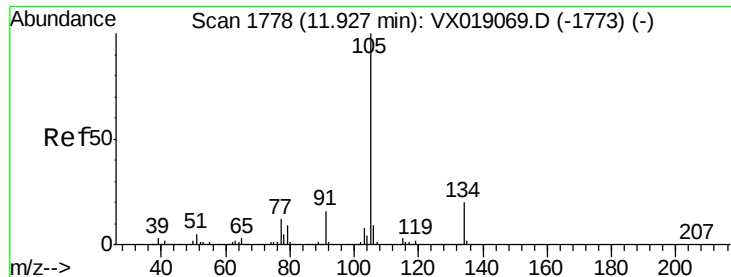
120 46.0 0.0 92.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

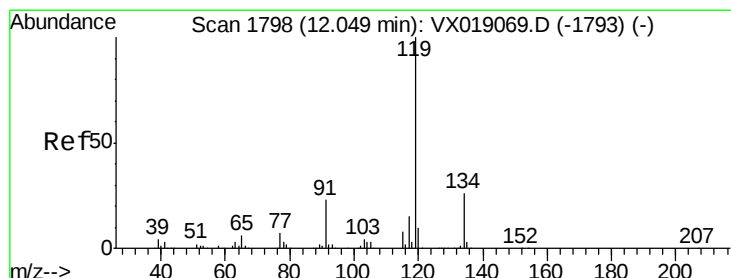
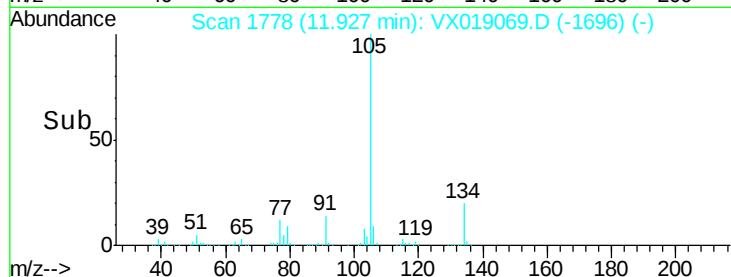
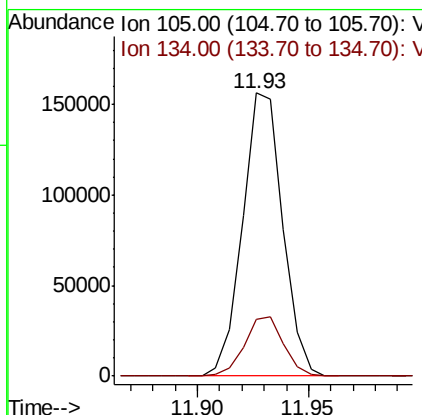
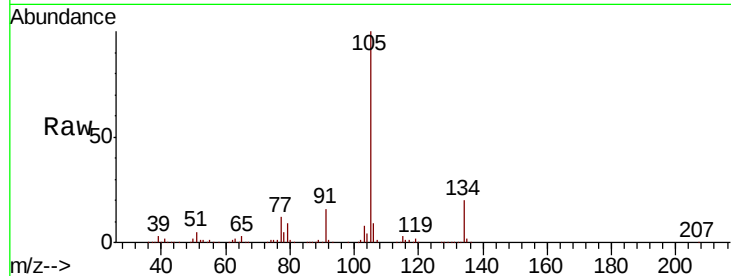




#81
 sec-Butylbenzene
 Concen: 16.300 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: VX019069.D
 Acq: 23 Oct 2020 10:16

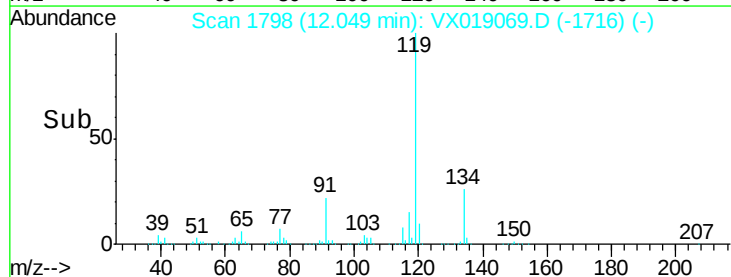
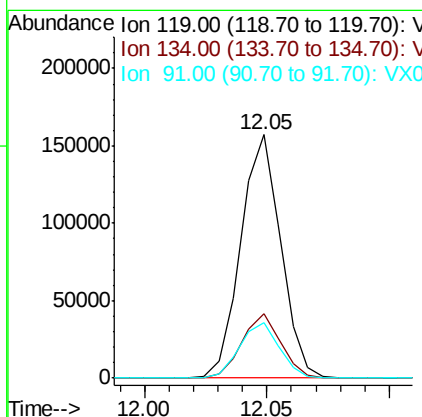
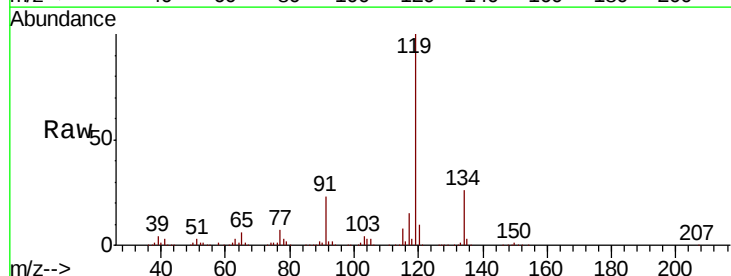
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDICCC020

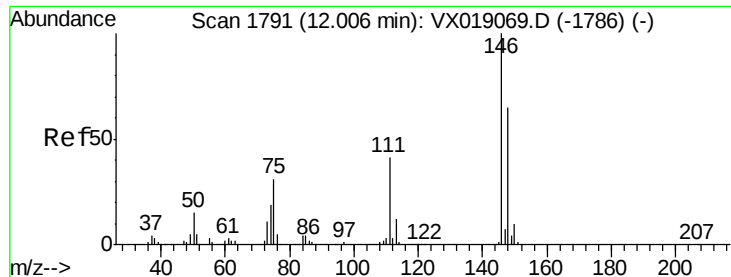
Tot Ion:105 Resp: 196853
 Ion Ratio Lower Upper
 105 100
 134 20.4 0.0 40.8



#82
 p-Isopropyltoluene
 Concen: 16.082 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX019069.D
 Acq: 23 Oct 2020 10:16

Tgt Ion:119 Resp: 179003
 Ion Ratio Lower Upper
 119 100
 134 26.0 0.0 52.0
 91 22.8 0.0 45.6

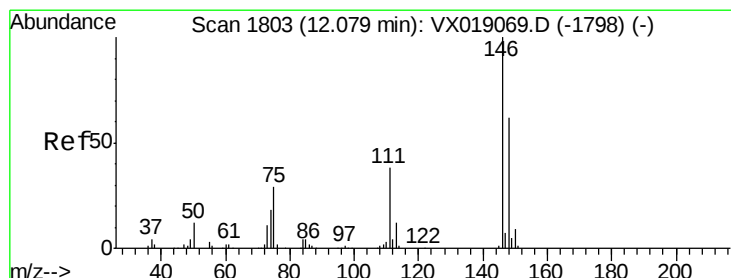
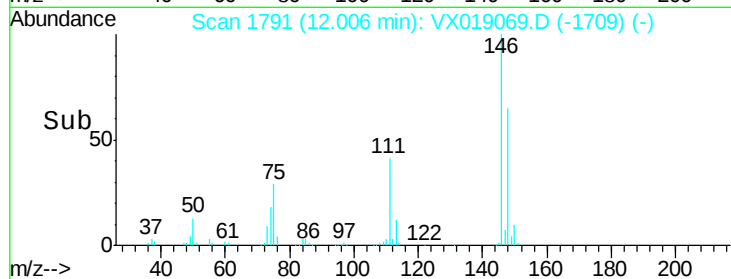
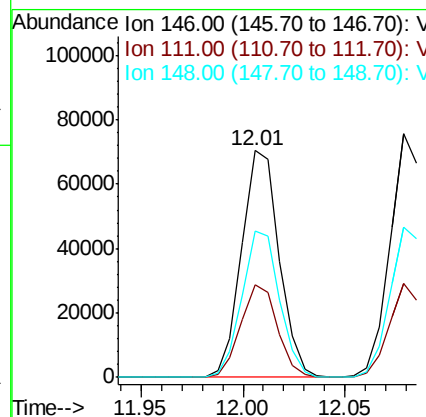
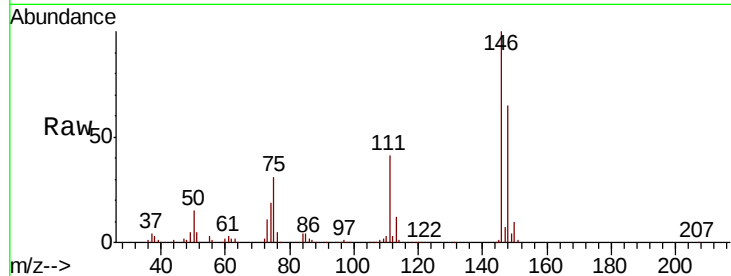




#83
 1,3-Dichlorobenzene
 Concen: 16.175 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX019069.D
 Acq: 23 Oct 2020 10:16

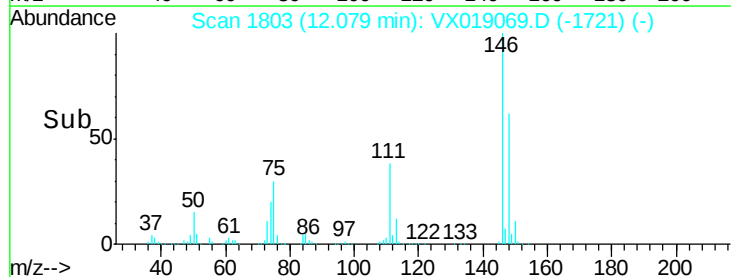
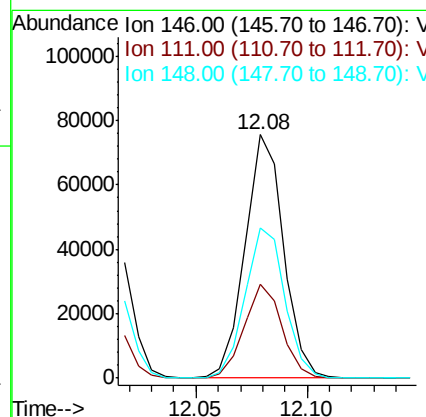
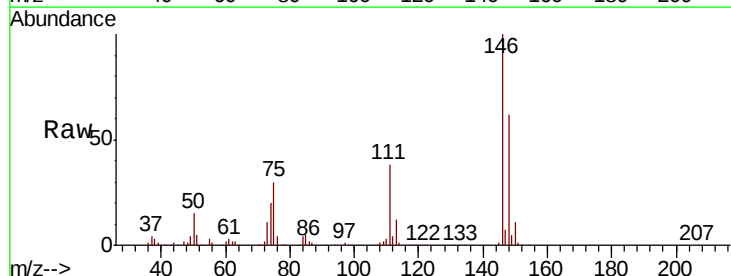
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDICCC020

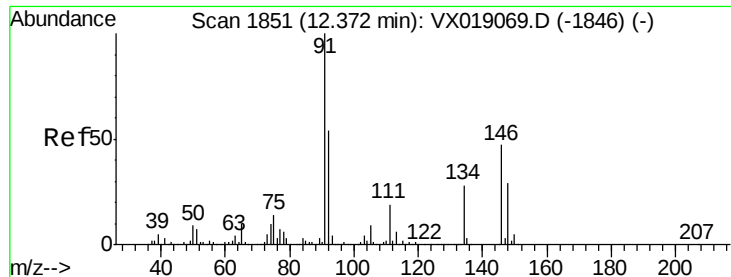
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.9	20.0	59.9
148	64.4	32.2	96.6



#84
 1,4-Dichlorobenzene
 Concen: 16.100 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX019069.D
 Acq: 23 Oct 2020 10:16

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.8	18.9	56.7
148	63.3	31.6	95.0





#85

n-Butylbenzene

Concen: 16.031 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. 0.00 min

Lab File: VX019069.D

Acq: 23 Oct 2020 10:16

Instrument :

MSVOA_V

ClientSampleId :

VSTDICCC020

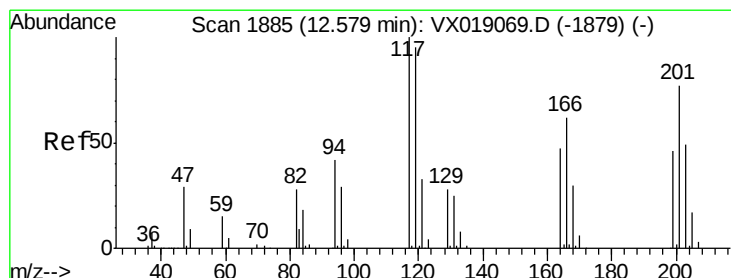
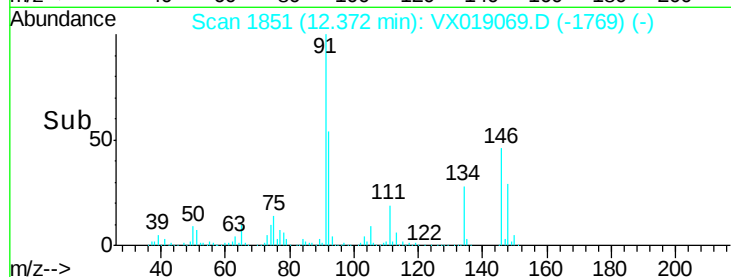
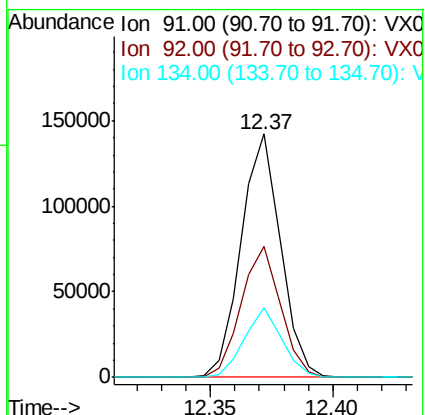
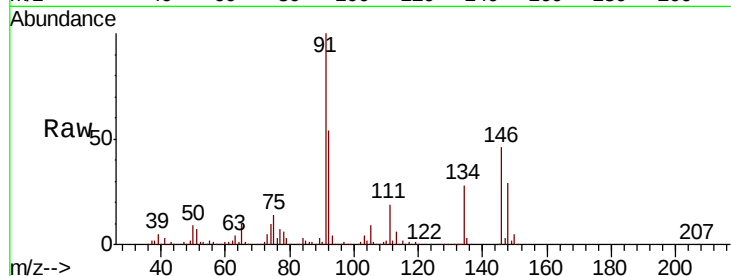
Tot Ion: 91 Resp: 159765

Ion Ratio Lower Upper

91 100

92 53.7 0.0 107.4

134 27.3 0.0 54.6



#86

Hexachloroethane

Concen: 15.194 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX019069.D

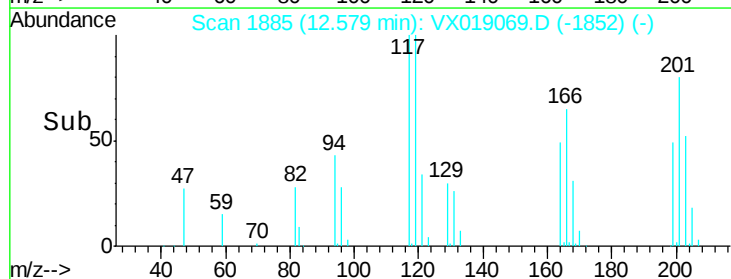
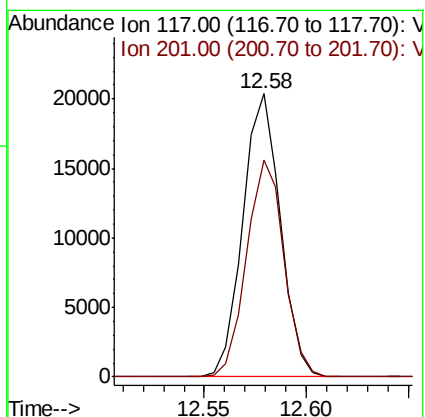
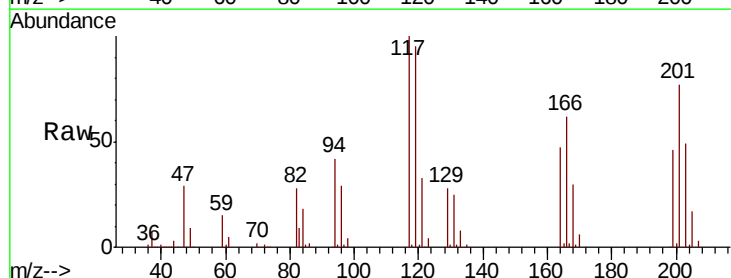
Acq: 23 Oct 2020 10:16

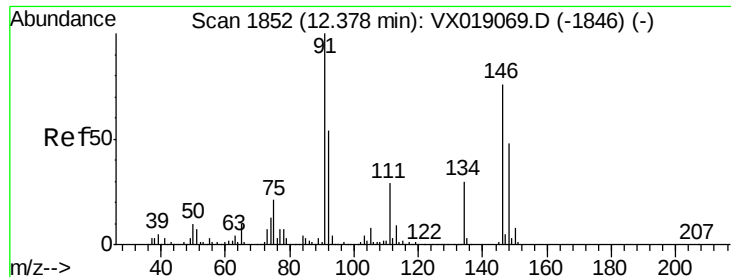
Tgt Ion: 117 Resp: 25976

Ion Ratio Lower Upper

117 100

201 76.7 38.4 115.1





#87

1,2-Dichlorobenzene

Concen: 16.197 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. 0.00 min

Lab File: VX019069.D

Acq: 23 Oct 2020 10:16

Instrument :

MSVOA_V

ClientSampleId :

VSTDICCC020

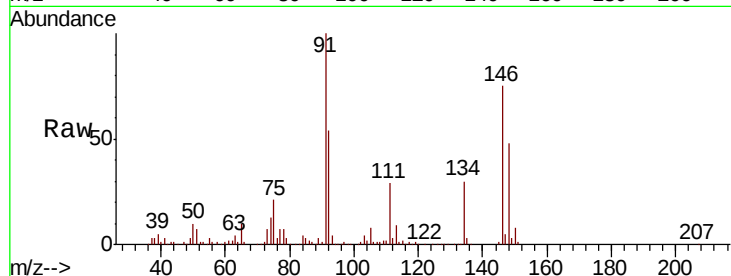
Tot Ion:146 Resp: 86517

Ion Ratio Lower Upper

146 100

111 40.7 20.3 61.0

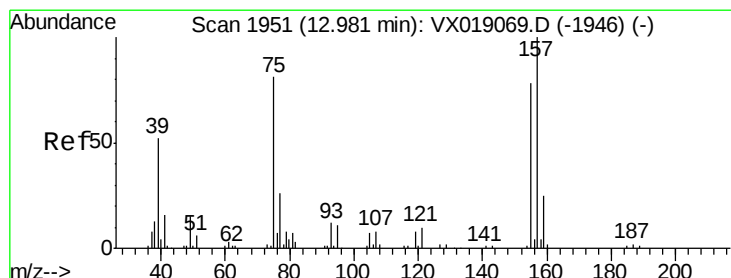
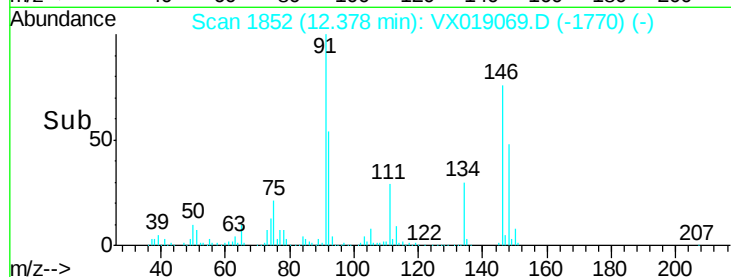
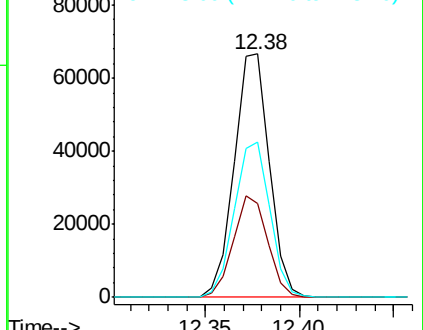
148 64.3 32.1 96.5



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#88

1,2-Dibromo-3-Chloropropane

Concen: 16.046 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. 0.00 min

Lab File: VX019069.D

Acq: 23 Oct 2020 10:16

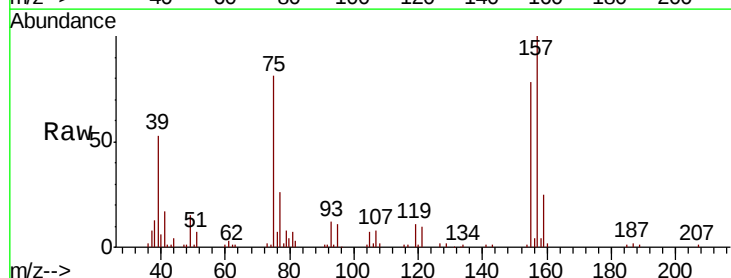
Tgt Ion: 75 Resp: 13392

Ion Ratio Lower Upper

75 100

155 92.1 73.7 110.5

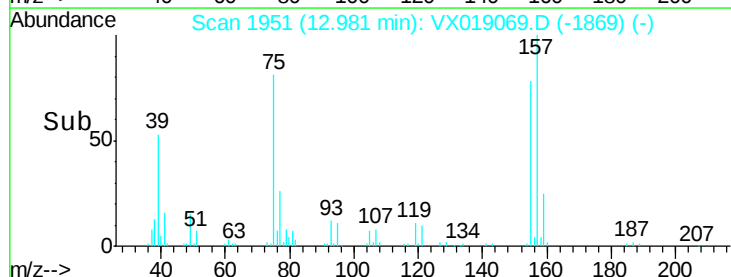
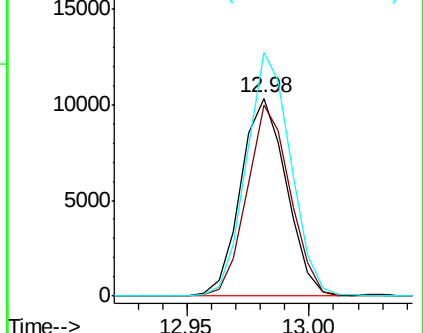
157 120.6 96.5 144.7

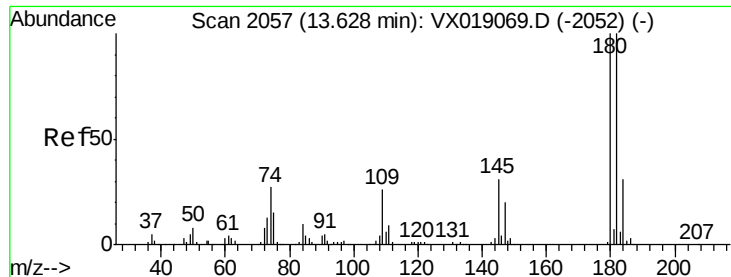


Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

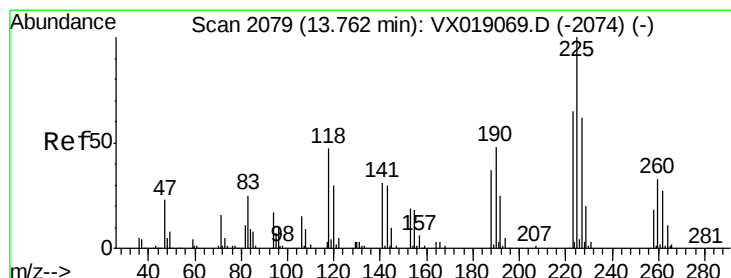
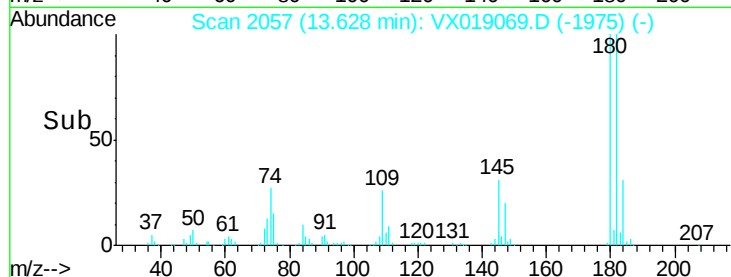
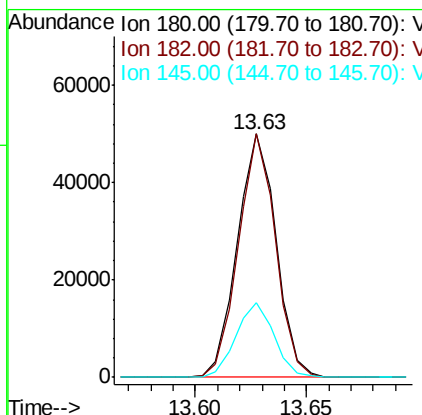
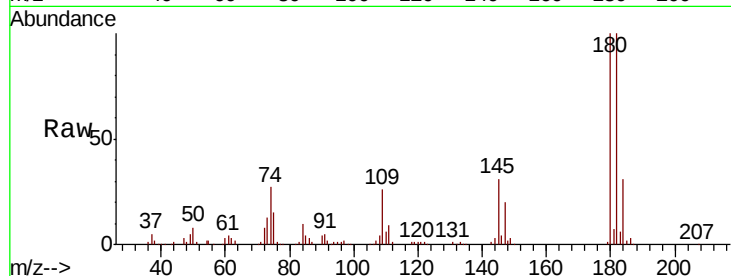




#89
 1,2,4-Trichlorobenzene
 Concen: 15.785 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX019069.D
 Acq: 23 Oct 2020 10:16

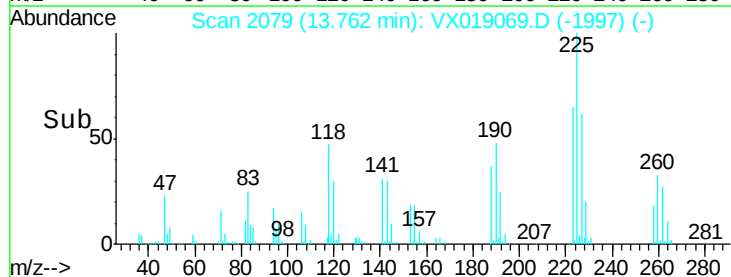
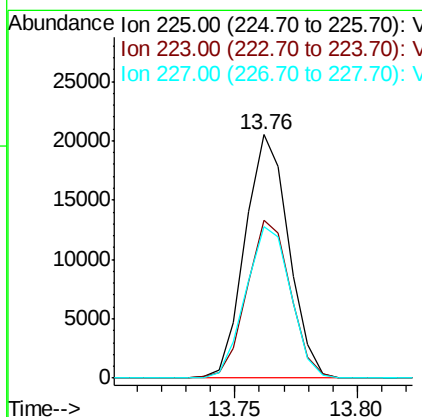
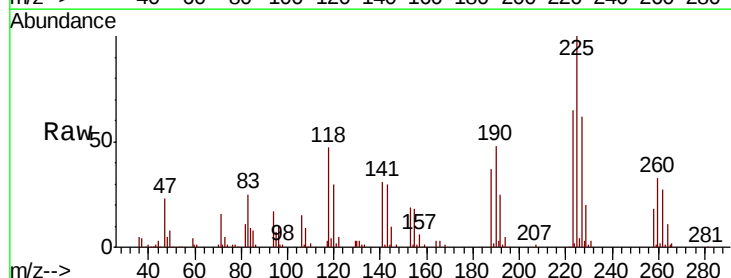
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDICCC020

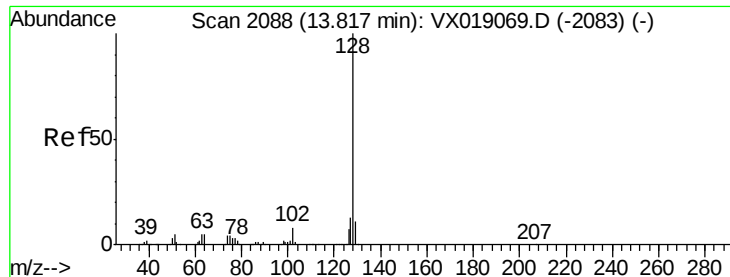
Tot Ion:180 Resp: 60675
 Ion Ratio Lower Upper
 180 100
 182 95.6 76.5 114.7
 145 30.3 24.2 36.4



#90
 Hexachlorobutadiene
 Concen: 15.630 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. 0.00 min
 Lab File: VX019069.D
 Acq: 23 Oct 2020 10:16

Tgt Ion:225 Resp: 25475
 Ion Ratio Lower Upper
 225 100
 223 65.0 0.0 130.0
 227 64.3 0.0 128.6

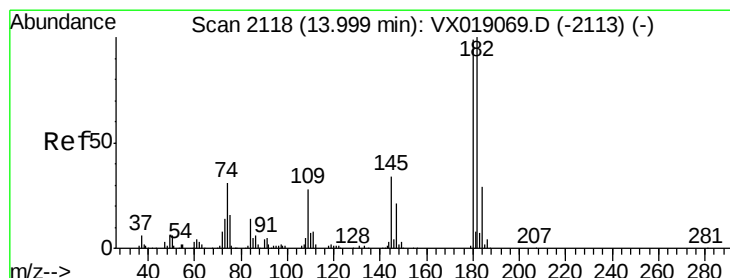
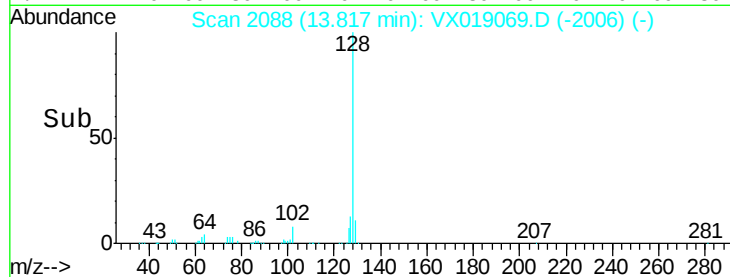
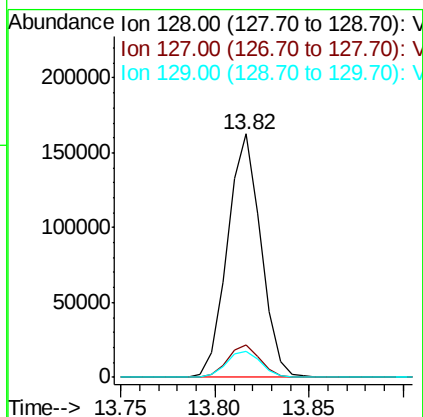
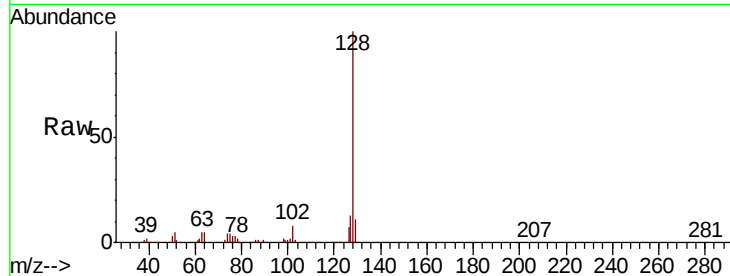




#91
Naphthalene
Concen: 15.820 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX019069.D
Acq: 23 Oct 2020 10:16

Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC020

Tot Ion:128 Resp: 199070
Ion Ratio Lower Upper
128 100
127 13.3 10.6 16.0
129 11.1 8.9 13.3



#92
1,2,3-Trichlorobenzene
Concen: 15.862 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VX019069.D
Acq: 23 Oct 2020 10:16

Tgt Ion:180 Resp: 58653
Ion Ratio Lower Upper
180 100
182 96.2 0.0 192.4
145 32.3 0.0 64.6

