

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX010721\
 Data File : VX020517.D
 Acq On : 06 Jan 2021 14:02
 Operator : JC/MD
 Sample : VSTD05035
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050405

Quant Time: Jan 06 15:09:27 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SFAMXLM010721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jan 06 15:06:45 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	342137	50.00	ug/L	0.00
28) Chlorobenzene-d5	10.09	117	335881	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.06	152	165168	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	150852	62.63	ug/L	0.00
7) Chloroethane-d5	1.68	69	120913	65.29	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.34	63	281143	58.78	ug/L	0.00
21) 2-Butanone-d5	4.53	46	177838	115.25	ug/L	0.00
24) Chloroform-d	5.14	84	261384	58.36	ug/L	0.00
26) 1,2-Dichloroethane-d4	6.03	65	170968	52.02	ug/L	0.00
32) Benzene-d6	6.04	84	559320	61.45	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.37	67	171913	60.72	ug/L	0.00
41) Toluene-d8	8.70	98	521352	59.01	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.99	79	85301	54.39	ug/L	0.00
47) 2-Hexanone-d5	9.43	63	152874	129.31	ug/L	0.00
56) 1,1,2,2-Tetrachloroethane-	11.23	84	234150	61.47	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.36	152	180324	55.50	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	167222	55.248	ug/L 100
3) Chloromethane	1.31	50	147757	61.649	ug/L 100
5) Vinyl chloride	1.39	62	160345	60.721	ug/L 100
6) Bromomethane	1.62	94	84603	60.035	ug/L 100
8) Chloroethane	1.71	64	94255	60.926	ug/L 100
9) Trichlorofluoromethane	1.92	101	200972	48.111	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.36	101	127623	54.481	ug/L 100
12) 1,1-Dichloroethene	2.36	96	124339	56.156	ug/L 100
13) Acetone	2.42	43	137524	118.056	ug/L 100
14) Carbon disulfide	2.55	76	385963	57.156	ug/L 100
15) Methyl Acetate	2.75	43	136238	56.301	ug/L 100
16) Methylene chloride	2.83	84	142736	58.046	ug/L 100
17) trans-1,2-Dichloroethene	3.14	96	129535	55.593	ug/L 100
18) Methyl tert-butyl Ether	3.17	73	399064	53.998	ug/L 100
19) 1,1-Dichloroethane	3.67	63	235579	54.761	ug/L 100
20) cis-1,2-Dichloroethene	4.56	96	143923	56.178	ug/L 100
22) 2-Butanone	4.63	43	204948	117.213	ug/L 100
23) Bromochloromethane	4.98	128	73529	53.314	ug/L 100
25) Chloroform	5.17	83	260326	54.332	ug/L 100
27) 1,2-Dichloroethane	6.16	62	189333	50.439	ug/L 100
29) Cyclohexane	5.55	56	208263	55.403	ug/L 100
30) 1,1,1-Trichloroethane	5.46	97	211999	47.655	ug/L 100
31) Carbon tetrachloride	5.75	117	180446	45.527	ug/L 100
33) Benzene	6.11	78	555363	57.234	ug/L 100
34) Trichloroethene	7.18	95	138224	52.113	ug/L 100
35) Methylcyclohexane	7.44	83	216595	55.659	ug/L 100
37) 1,2-Dichloropropane	7.49	63	140491	55.174	ug/L 100
38) Bromodichloromethane	7.87	83	180574	50.689	ug/L 100
39) cis-1,3-Dichloropropene	8.41	75	217730	53.743	ug/L 100
40) 4-Methyl-2-pentanone	8.62	43	387562	114.867	ug/L 100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX010721\
 Data File : VX020517.D
 Acq On : 06 Jan 2021 14:02
 Operator : JC/MD
 Sample : VSTD05035
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050405

Quant Time: Jan 06 15:09:27 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SFAMXLM010721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jan 06 15:06:45 2021
 Response via : Initial Calibration

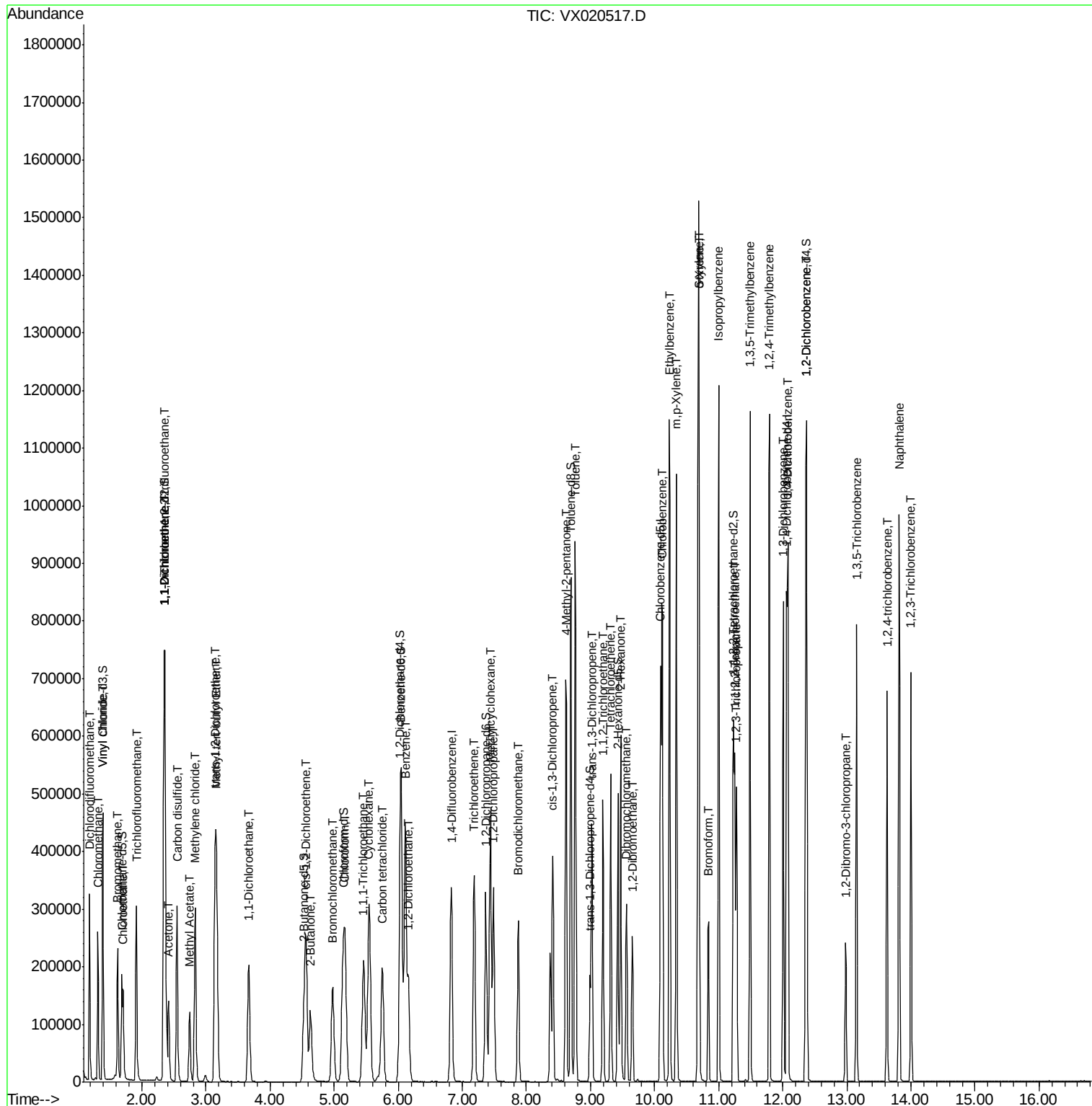
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	8.76	91	603529	57.992	ug/L	100
44) trans-1,3-Dichloropropene	9.02	75	214244	52.239	ug/L	100
45) 1,1,2-Trichloroethane	9.20	97	134519	55.036	ug/L	100
46) Tetrachloroethene	9.32	164	106109	49.415	ug/L	100
48) 2-Hexanone	9.47	43	293997	111.272	ug/L	100
49) Dibromochloromethane	9.56	129	140434	47.267	ug/L	100
50) 1,2-Dibromoethane	9.65	107	140800	52.765	ug/L	100
51) Chlorobenzene	10.12	112	367505	53.576	ug/L	100
52) Ethylbenzene	10.23	91	650527	56.461	ug/L	100
53) m,p-Xylene	10.34	106	243512	55.981	ug/L	100
54) o-Xylene	10.68	106	231541	55.488	ug/L	100
55) Styrene	10.70	104	402501	55.808	ug/L	100
57) 1,1,2,2-Tetrachloroethane	11.25	83	217666	57.353	ug/L	100
59) Bromoform	10.84	173	101825	47.578	ug/L	100
60) Isopropylbenzene	11.00	105	597378	55.501	ug/L	100
61) 1,2,3-Trichloropropane	11.28	75	175637	56.709	ug/L	100
62) 1,3,5-Trimethylbenzene	11.49	105	503975	56.493	ug/L	100
63) 1,2,4-Trimethylbenzene	11.79	105	501971	55.612	ug/L	100
64) 1,3-Dichlorobenzene	12.01	146	267519	51.033	ug/L	100
65) 1,4-Dichlorobenzene	12.08	146	271112	51.215	ug/L	100
67) 1,2-Dichlorobenzene	12.37	146	273596	53.591	ug/L	100
68) 1,2-Dibromo-3-chloropropan	12.98	75	46964	52.943	ug/L	100
69) 1,3,5-Trichlorobenzene	13.15	180	191746	53.957	ug/L	100
70) 1,2,4-trichlorobenzene	13.63	180	163336	50.811	ug/L	100
71) Naphthalene	13.82	128	585023	57.552	ug/L	100
72) 1,2,3-Trichlorobenzene	14.00	180	172344	53.563	ug/L	100

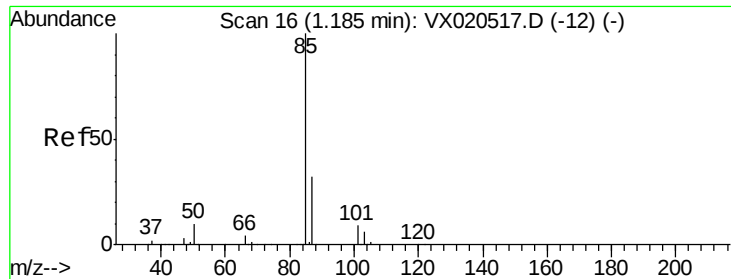
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX010721\
Data File : VX020517.D
Acq On : 06 Jan 2021 14:02
Operator : JC/MD
Sample : VSTD05035
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTD050405

Quant Time: Jan 06 15:09:27 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSV0A_X\METHOD\SFAMXML010721WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jan 06 15:06:45 2021
Response via : Initial Calibration





#2

Dichlorodifluoromethane

Concen: 55.248 ug/L

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX020517.D

Acq: 06 Jan 2021 14:02

Instrument :

MSVOA_X

ClientSampleId :

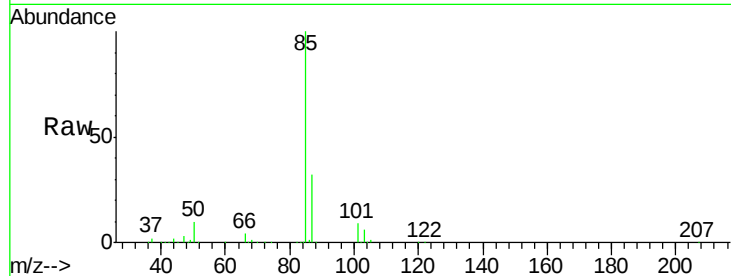
VSTD050405

Tgt Ion: 85 Resp: 167222

Ion Ratio Lower Upper

85 100

87 32.4 25.9 38.9



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

1.18

200000

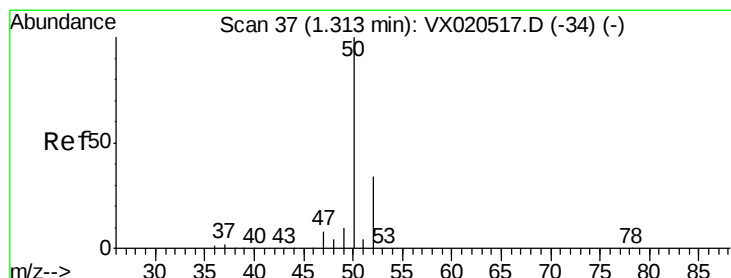
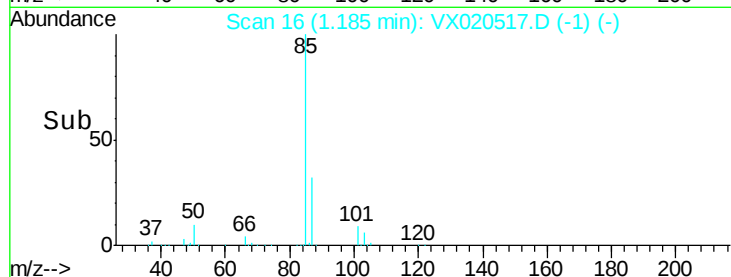
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: 61.649 ug/L

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX020517.D

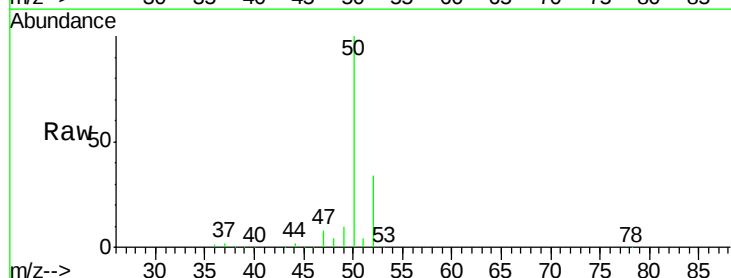
Acq: 06 Jan 2021 14:02

Tgt Ion: 50 Resp: 147757

Ion Ratio Lower Upper

50 100

52 33.8 23.7 43.9



Abundance Ion 50.00 (49.70 to 50.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

1.31

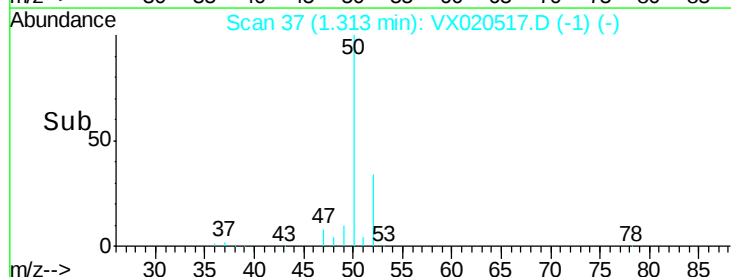
150000

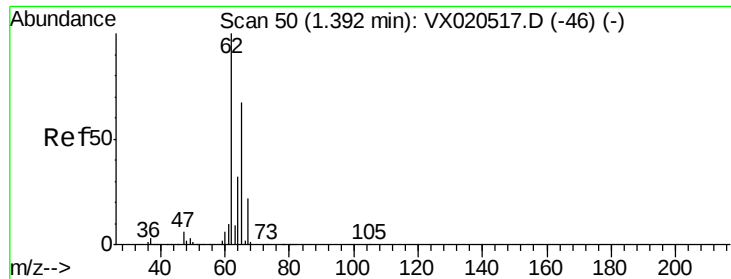
100000

50000

0

Time-->





#5

Vinyl chloride

Concen: 60.721 ug/L

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX020517.D

Acq: 06 Jan 2021 14:02

Instrument :

MSVOA_X

ClientSampleId :

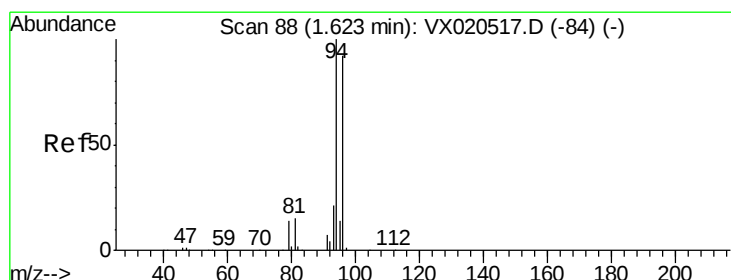
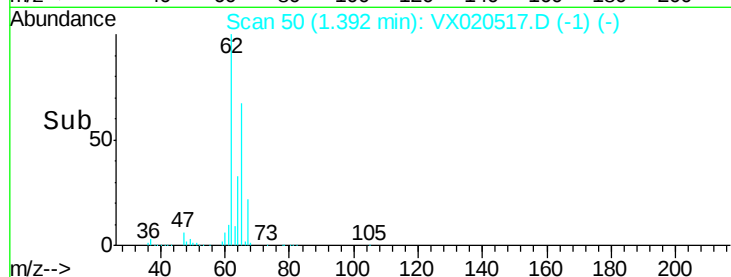
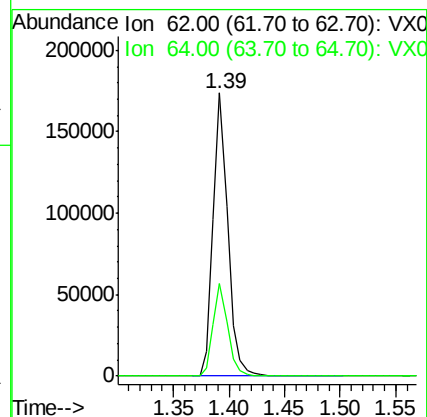
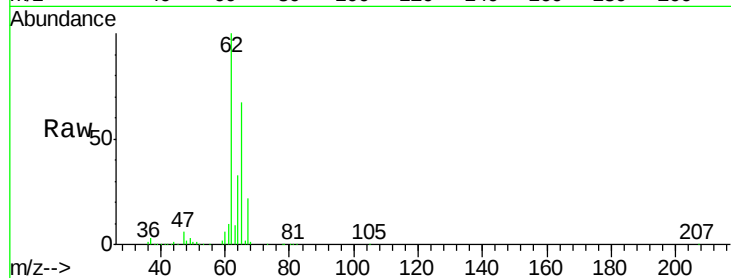
VSTD050405

Tgt Ion: 62 Resp: 160345

Ion Ratio Lower Upper

62 100

64 32.5 22.7 42.3



#6

Bromomethane

Concen: 60.035 ug/L

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX020517.D

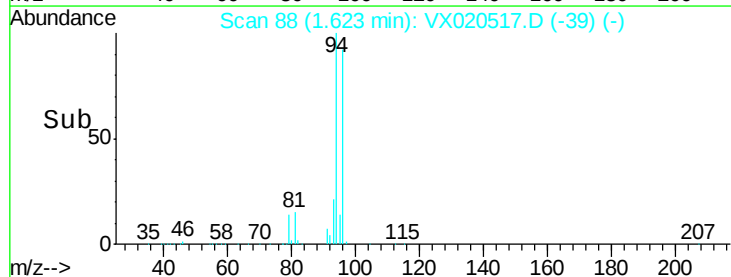
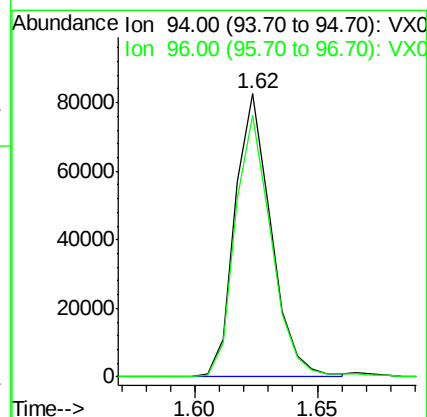
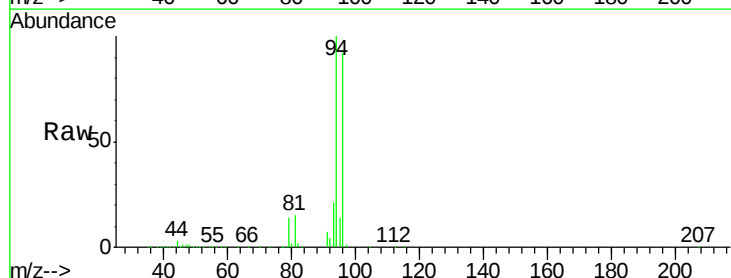
Acq: 06 Jan 2021 14:02

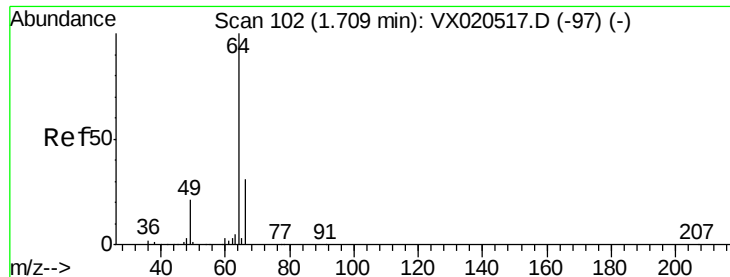
Tgt Ion: 94 Resp: 84603

Ion Ratio Lower Upper

94 100

96 92.5 64.8 120.3





#8

Chloroethane

Concen: 60.926 ug/L

RT: 1.71 min Scan# 102

Delta R.T. 0.00 min

Lab File: VX020517.D

Acq: 06 Jan 2021 14:02

Instrument :

MSVOA_X

ClientSampleId :

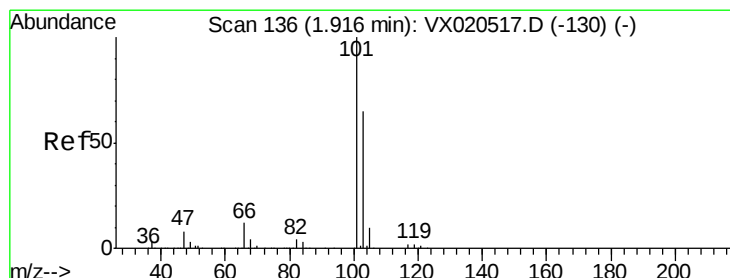
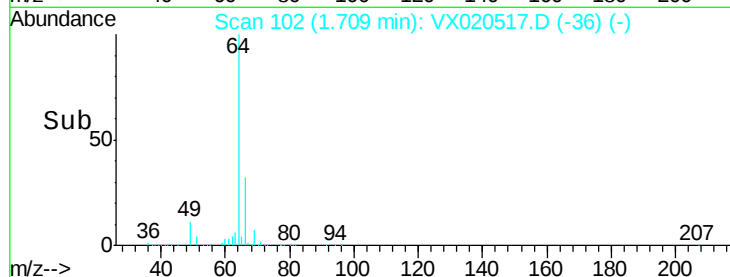
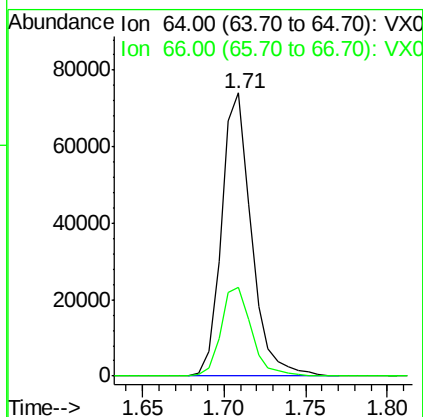
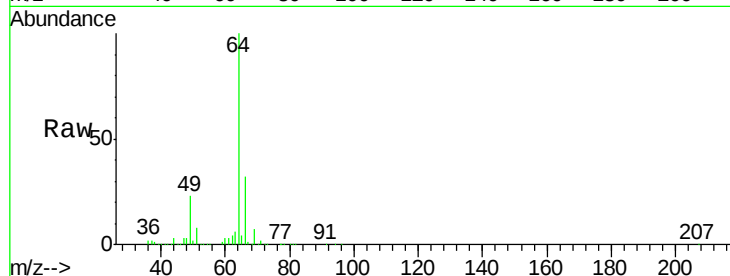
VSTD050405

Tgt Ion: 64 Resp: 94255

Ion Ratio Lower Upper

64 100

66 31.5 22.0 41.0



#9

Trichlorofluoromethane

Concen: 48.111 ug/L

RT: 1.92 min Scan# 136

Delta R.T. 0.00 min

Lab File: VX020517.D

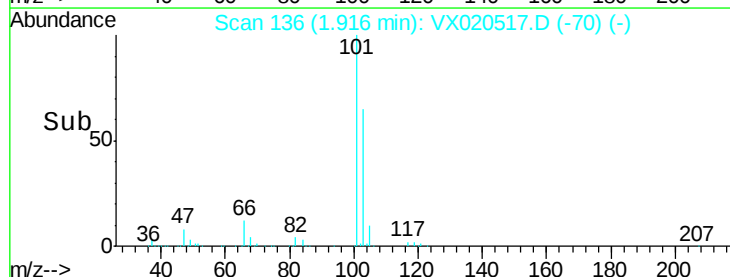
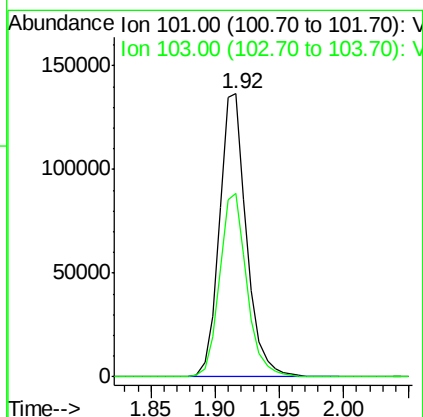
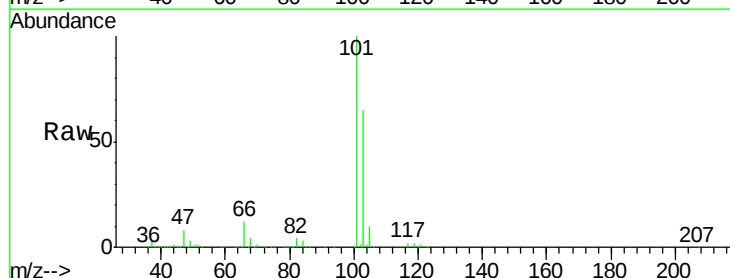
Acq: 06 Jan 2021 14:02

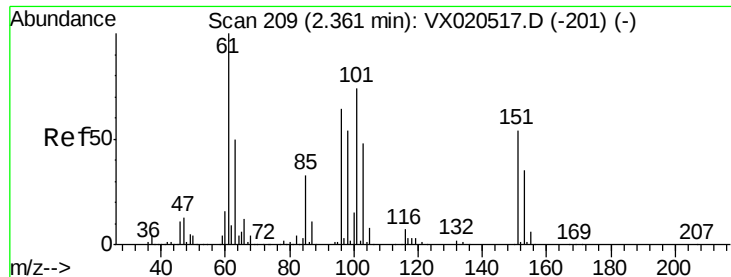
Tgt Ion: 101 Resp: 200972

Ion Ratio Lower Upper

101 100

103 65.2 52.2 78.2





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 54.481 ug/L

RT: 2.36 min Scan# 209

Delta R.T. 0.00 min

Lab File: VX020517.D

Acq: 06 Jan 2021 14:02

Instrument :

MSVOA_X

ClientSampleId :

VSTD050405

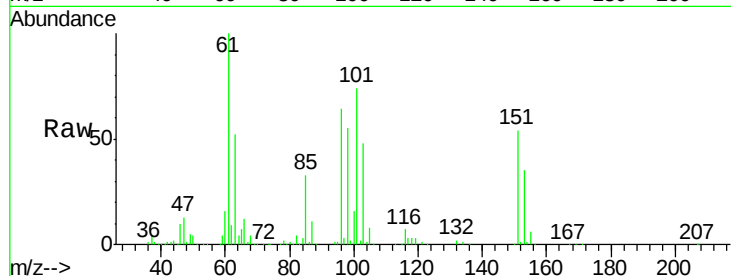
Tgt Ion: 101 Resp: 127623

Ion Ratio Lower Upper

101 100

85 42.9 34.3 51.5

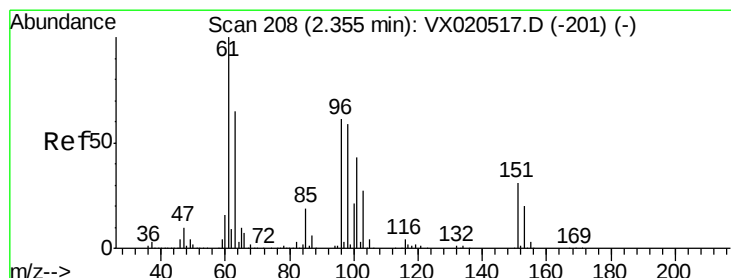
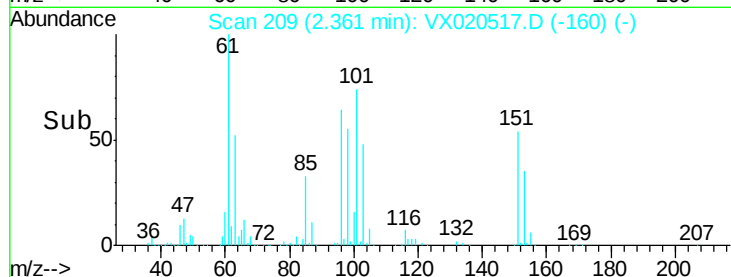
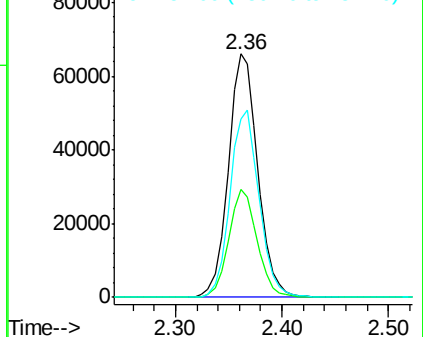
151 75.9 60.7 91.1



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



#12

1,1-Dichloroethene

Concen: 56.156 ug/L

RT: 2.36 min Scan# 208

Delta R.T. 0.00 min

Lab File: VX020517.D

Acq: 06 Jan 2021 14:02

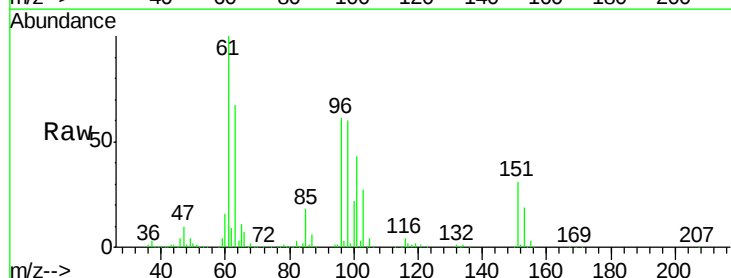
Tgt Ion: 96 Resp: 124339

Ion Ratio Lower Upper

96 100

61 165.0 115.5 214.5

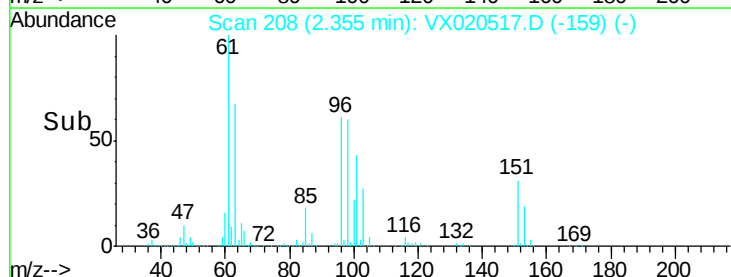
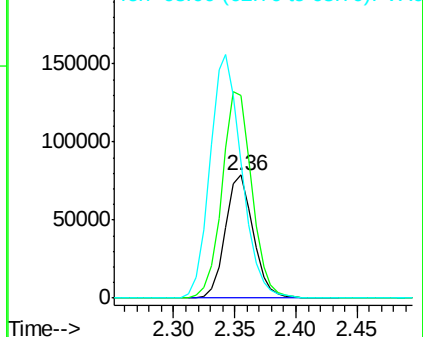
63 110.5 77.3 143.7

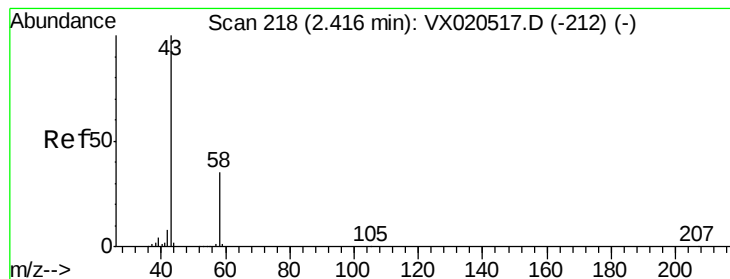


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 63.00 (62.70 to 63.70): VX0





#13

Acetone

Concen: 118.056 ug/L

RT: 2.42 min Scan# 218

Delta R.T. 0.00 min

Lab File: VX020517.D

Acq: 06 Jan 2021 14:02

Instrument :

MSVOA_X

ClientSampleId :

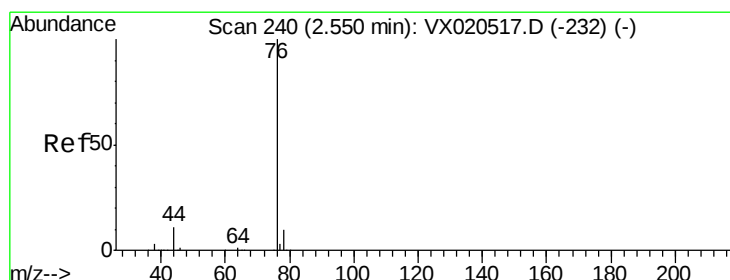
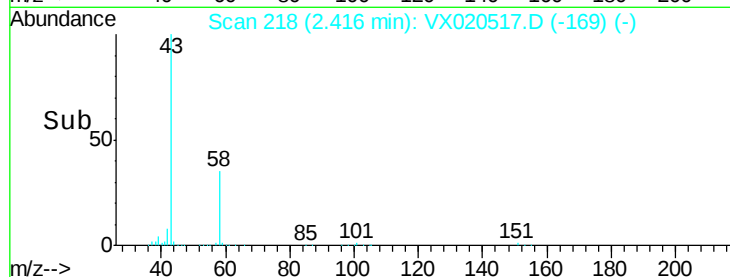
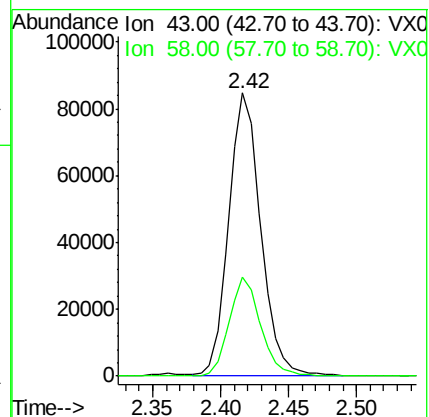
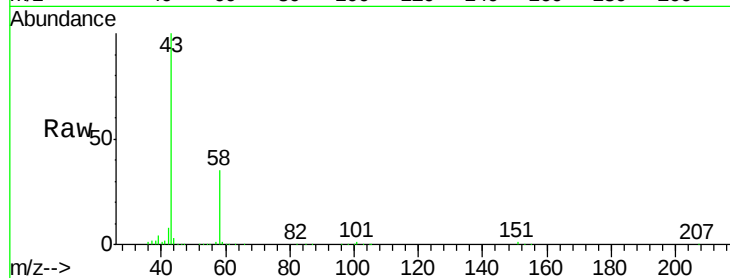
VSTD050405

Tgt Ion: 43 Resp: 137524

Ion Ratio Lower Upper

43 100

58 34.1 0.0 68.2



#14

Carbon disulfide

Concen: 57.156 ug/L

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX020517.D

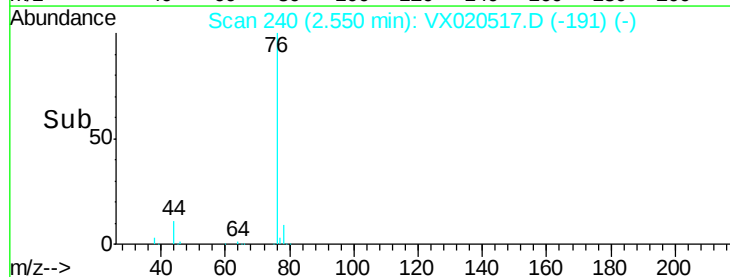
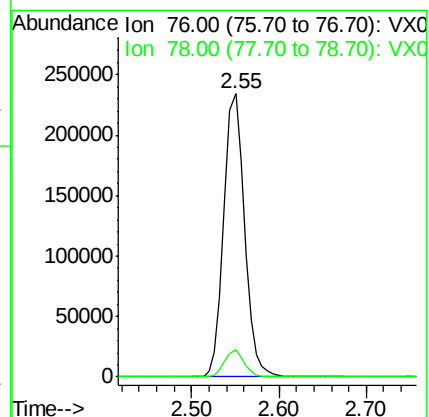
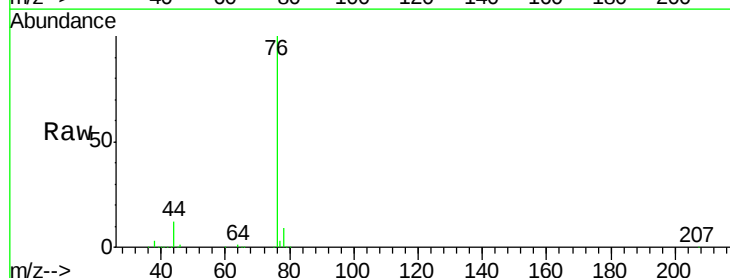
Acq: 06 Jan 2021 14:02

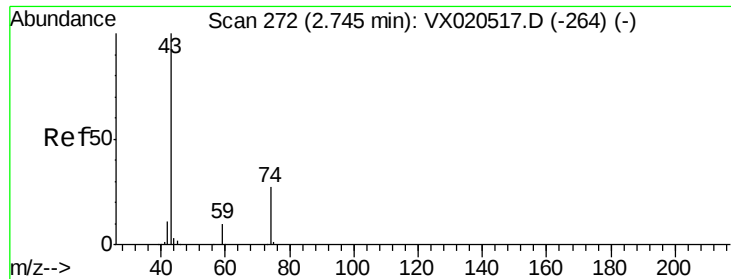
Tgt Ion: 76 Resp: 385963

Ion Ratio Lower Upper

76 100

78 9.5 7.6 11.4

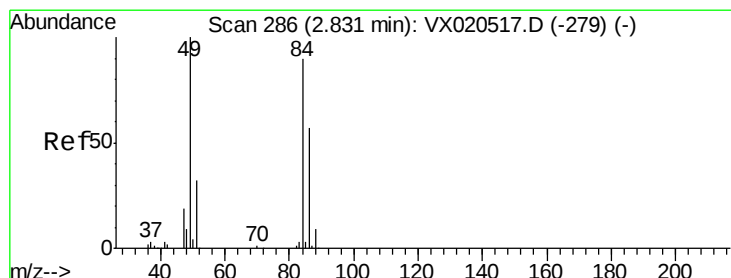
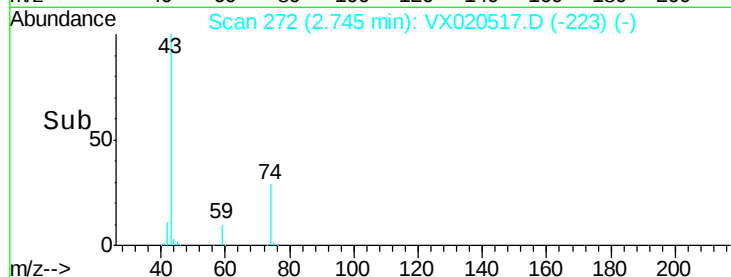
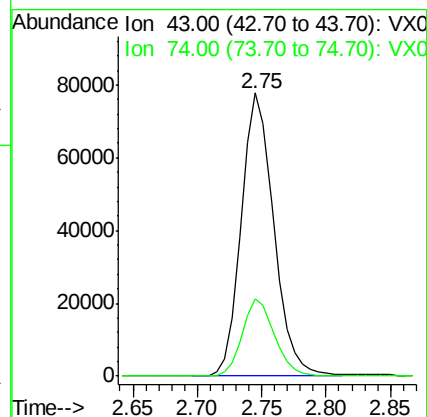
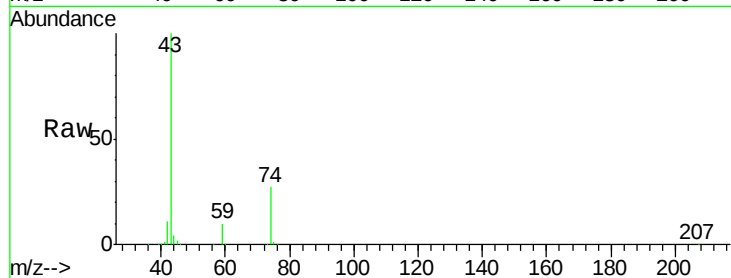




#15
Methyl Acetate
Concen: 56.301 ug/L
RT: 2.75 min Scan# 272
Delta R.T. 0.00 min
Lab File: VX020517.D
Acq: 06 Jan 2021 14:02

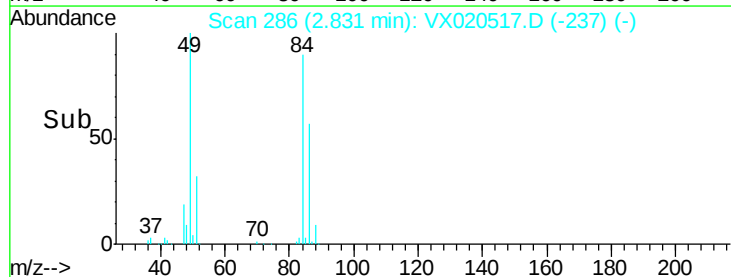
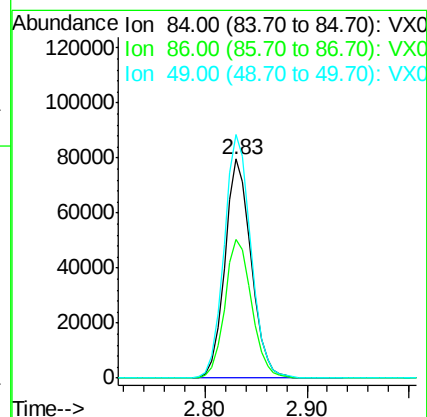
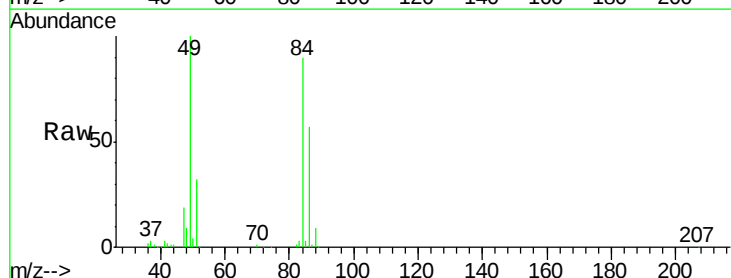
Instrument :
MSVOA_X
ClientSampleId :
VSTD050405

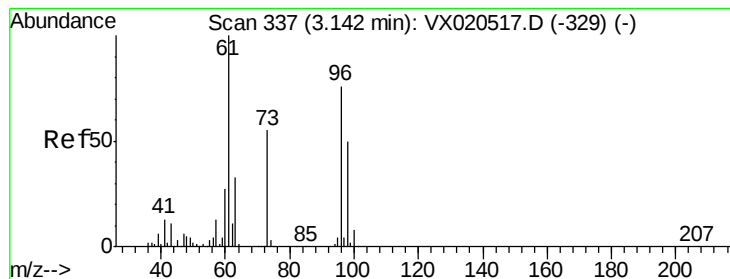
Tgt Ion: 43 Resp: 136238
Ion Ratio Lower Upper
43 100
74 27.1 21.7 32.5



#16
Methylene chloride
Concen: 58.046 ug/L
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX020517.D
Acq: 06 Jan 2021 14:02

Tgt Ion: 84 Resp: 142736
Ion Ratio Lower Upper
84 100
86 63.1 44.2 82.0
49 111.2 77.8 144.6





#17

trans-1,2-Dichloroethene

Concen: 55.593 ug/L

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX020517.D

Acq: 06 Jan 2021 14:02

Instrument :

MSVOA_X

ClientSampleId :

VSTD050405

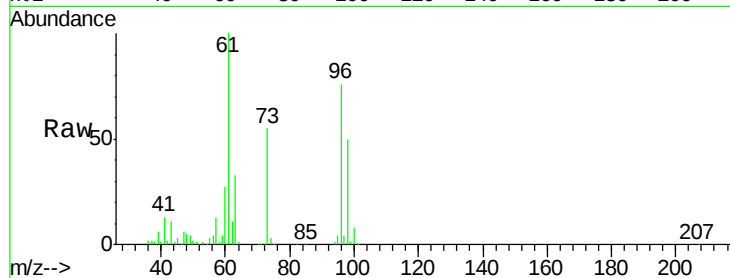
Tgt Ion: 96 Resp: 129535

Ion Ratio Lower Upper

96 100

61 131.8 92.3 171.3

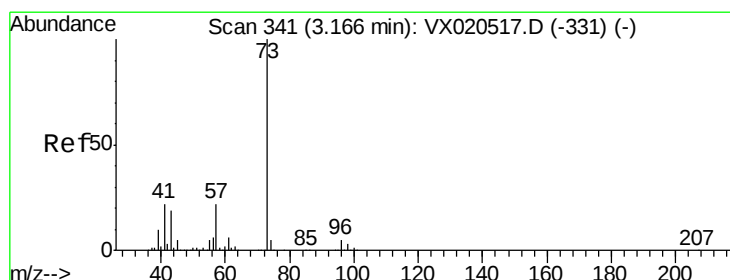
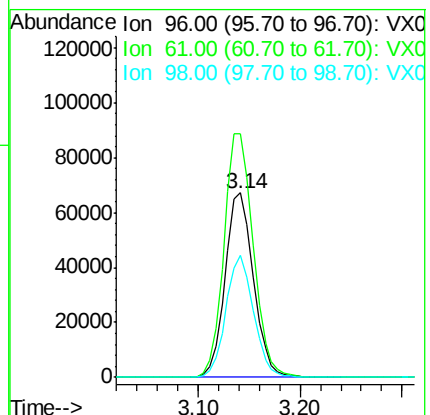
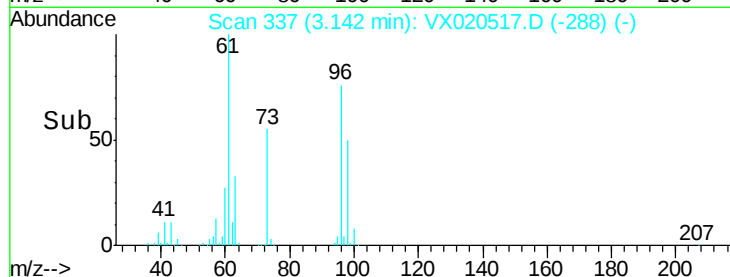
98 66.1 46.3 85.9



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



#18

Methyl tert-butyl Ether

Concen: 53.998 ug/L

RT: 3.17 min Scan# 341

Delta R.T. 0.00 min

Lab File: VX020517.D

Acq: 06 Jan 2021 14:02

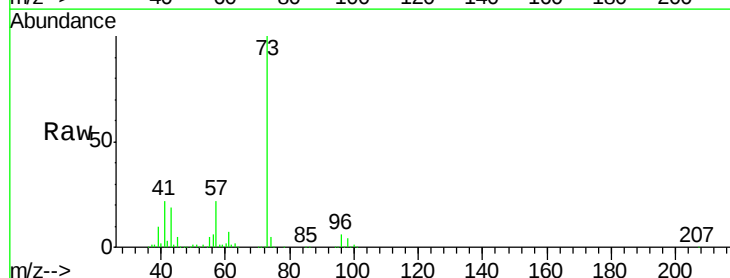
Tgt Ion: 73 Resp: 399064

Ion Ratio Lower Upper

73 100

43 18.9 15.1 22.7

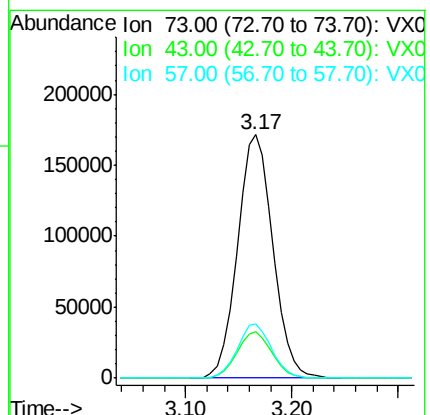
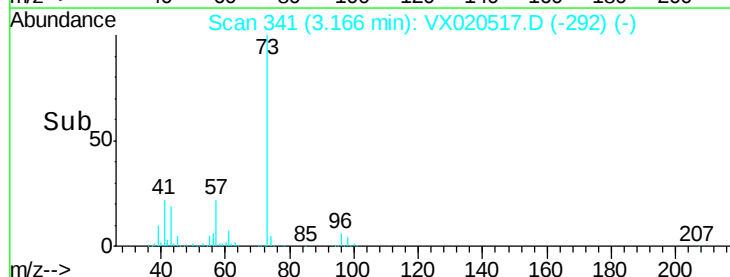
57 21.8 17.4 26.2

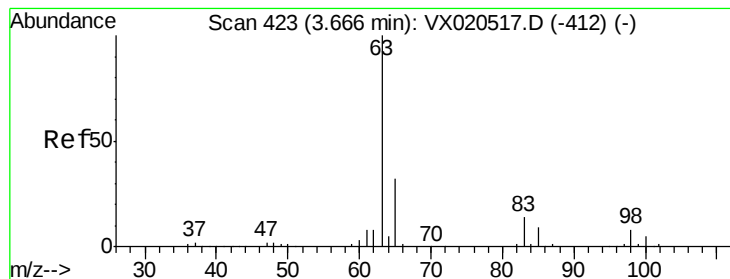


Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 57.00 (56.70 to 57.70): VX0





#19

1,1-Dichloroethane

Concen: 54.761 ug/L

RT: 3.67 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX020517.D

Acq: 06 Jan 2021 14:02

Instrument :

MSVOA_X

ClientSampleId :

VSTD050405

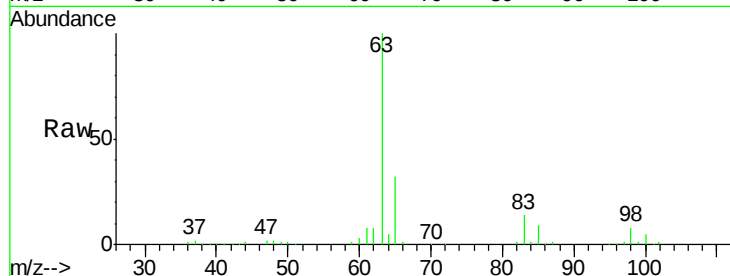
Tgt Ion: 63 Resp: 235579

Ion Ratio Lower Upper

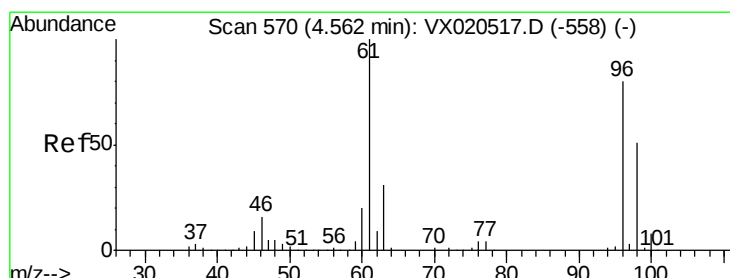
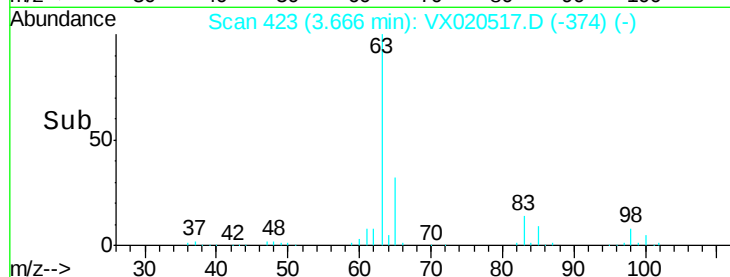
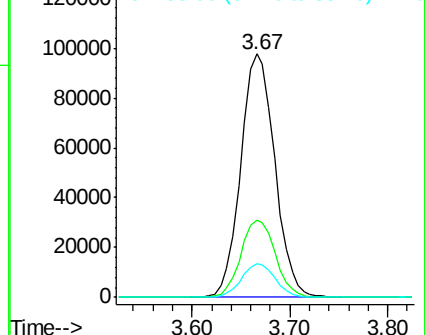
63 100

65 32.0 22.4 41.6

83 13.6 9.5 17.7



Abundance Ion 63.00 (62.70 to 63.70): VX0
Ion 65.00 (64.70 to 65.70): VX0
Ion 83.00 (82.70 to 83.70): VX0



#20

cis-1,2-Dichloroethene

Concen: 56.178 ug/L

RT: 4.56 min Scan# 570

Delta R.T. 0.00 min

Lab File: VX020517.D

Acq: 06 Jan 2021 14:02

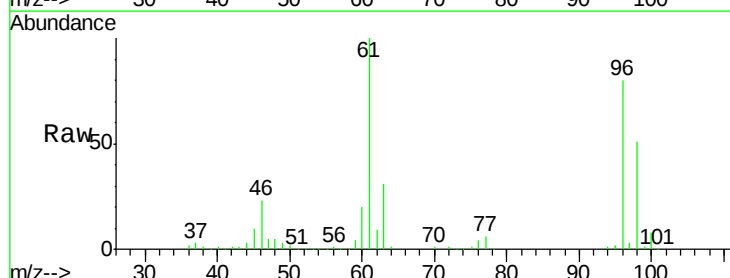
Tgt Ion: 96 Resp: 143923

Ion Ratio Lower Upper

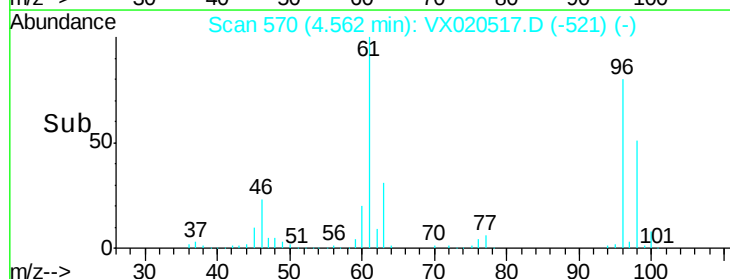
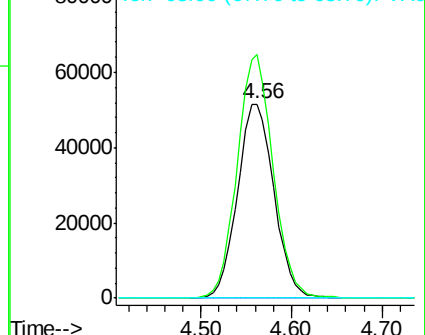
96 100

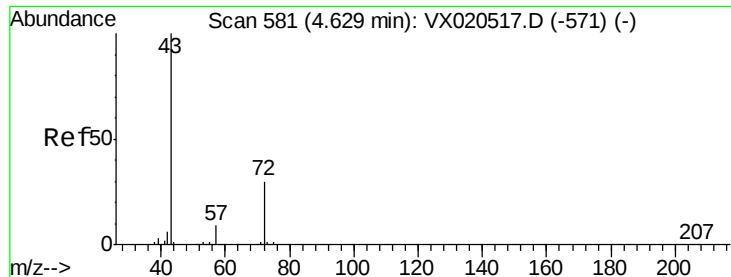
61 125.4 87.8 163.0

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 68.00 (67.70 to 68.70): VX0





#22

2-Butanone

Concen: 117.213 ug/L

RT: 4.63 min Scan# 581

Delta R.T. 0.00 min

Lab File: VX020517.D

Acq: 06 Jan 2021 14:02

Instrument :

MSVOA_X

ClientSampleId :

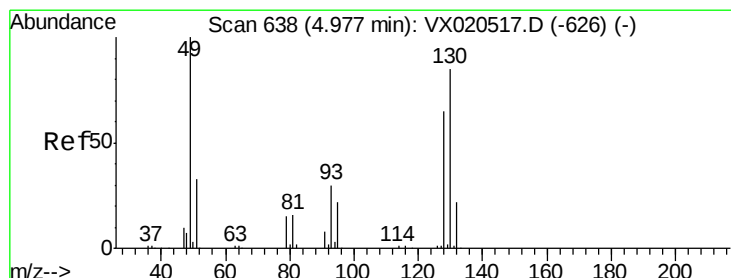
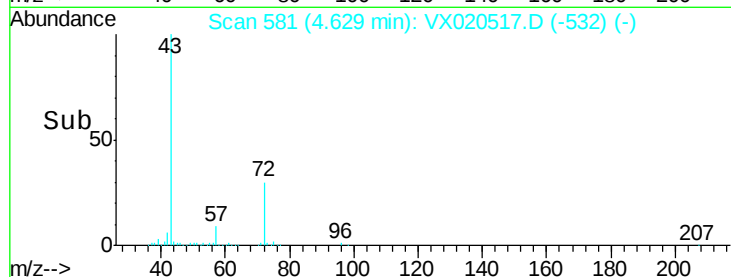
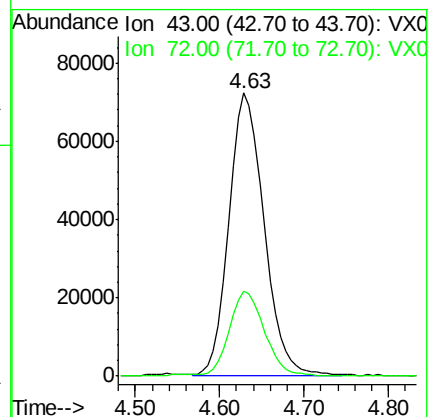
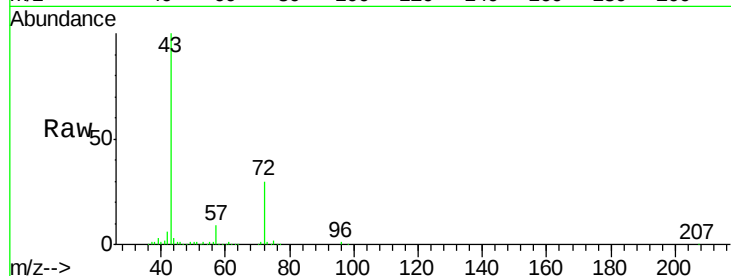
VSTD050405

Tgt Ion: 43 Resp: 204948

Ion Ratio Lower Upper

43 100

72 30.5 15.3 45.8



#23

Bromochloromethane

Concen: 53.314 ug/L

RT: 4.98 min Scan# 638

Delta R.T. 0.00 min

Lab File: VX020517.D

Acq: 06 Jan 2021 14:02

Tgt Ion: 128 Resp: 73529

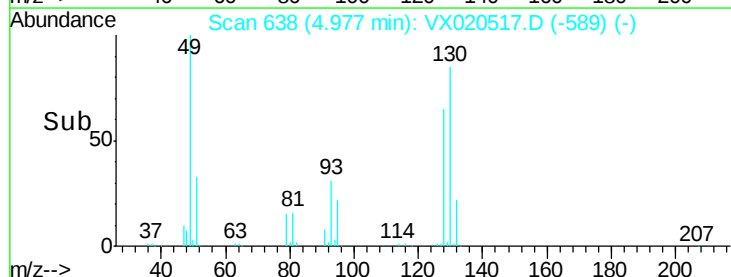
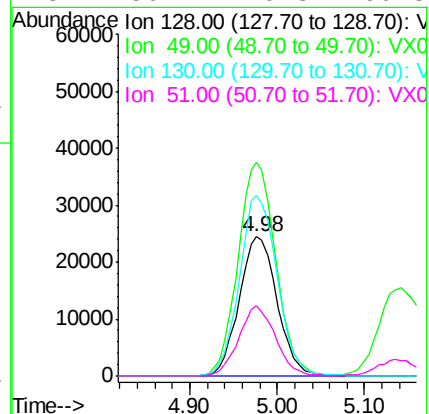
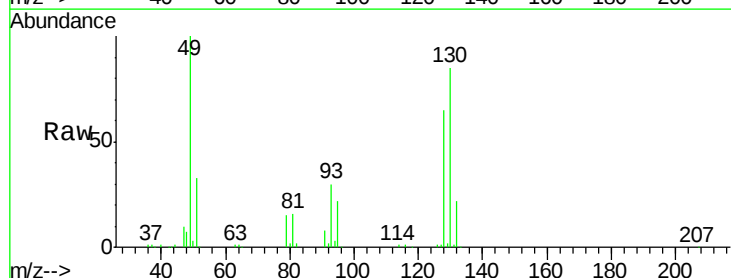
Ion Ratio Lower Upper

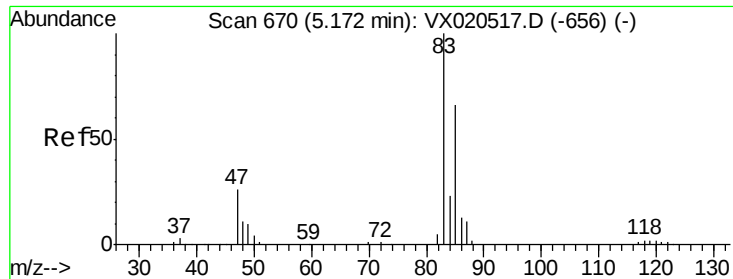
128 100

49 153.6 107.5 199.7

130 130.2 91.1 169.3

51 50.4 40.3 60.5

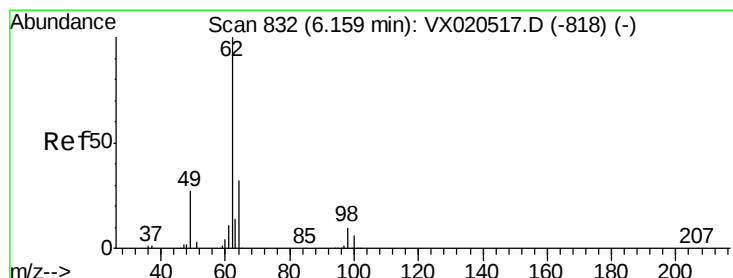
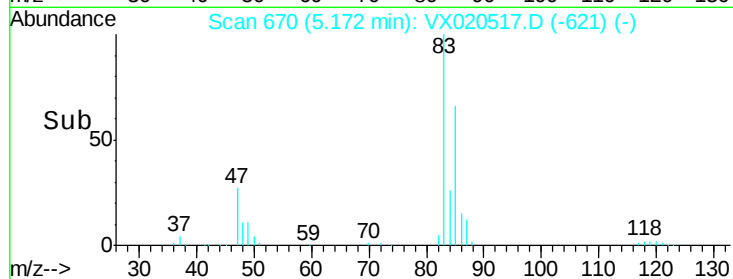
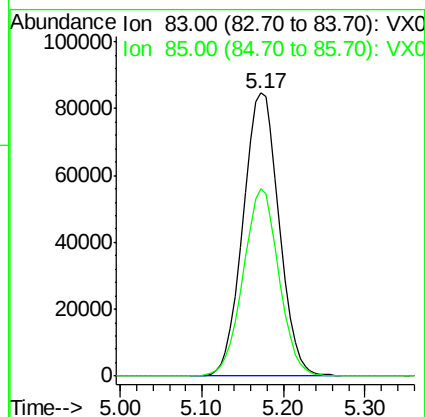
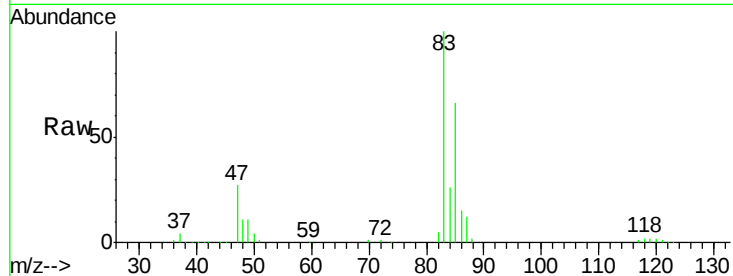




#25
Chloroform
Concen: 54.332 ug/L
RT: 5.17 min Scan# 670
Delta R.T. 0.00 min
Lab File: VX020517.D
Acq: 06 Jan 2021 14:02

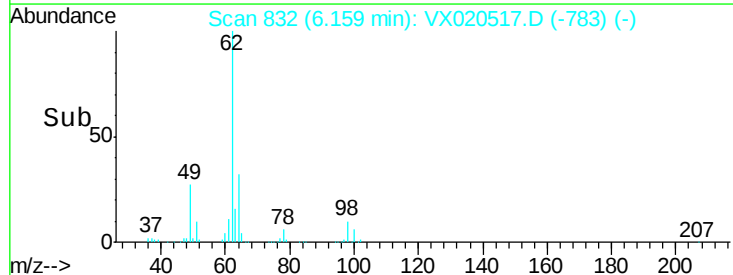
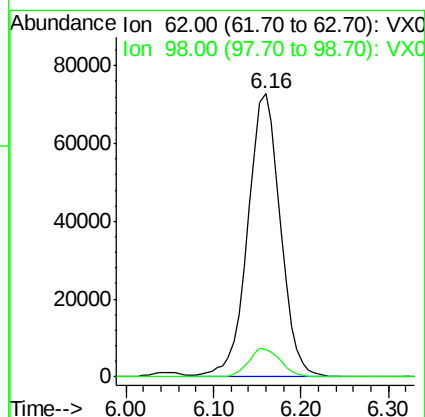
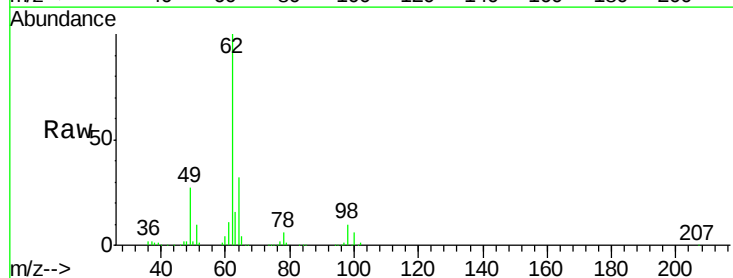
Instrument :
MSVOA_X
ClientSampleId :
VSTD050405

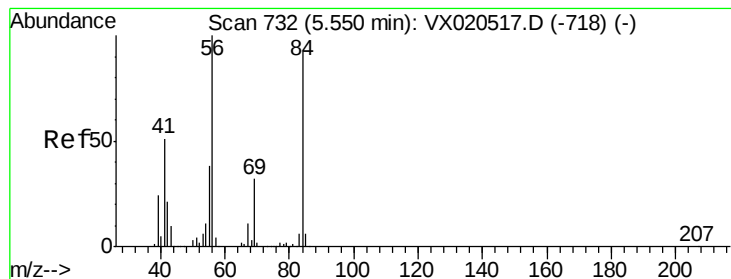
Tgt Ion: 83 Resp: 260326
Ion Ratio Lower Upper
83 100
85 66.1 46.3 85.9



#27
1,2-Dichloroethane
Concen: 50.439 ug/L
RT: 6.16 min Scan# 832
Delta R.T. 0.00 min
Lab File: VX020517.D
Acq: 06 Jan 2021 14:02

Tgt Ion: 62 Resp: 189333
Ion Ratio Lower Upper
62 100
98 9.9 7.9 11.9





#29

Cyclohexane

Concen: 55.403 ug/L

RT: 5.55 min Scan# 732

Delta R.T. 0.00 min

Lab File: VX020517.D

Acq: 06 Jan 2021 14:02

Instrument :

MSVOA_X

ClientSampleId :

VSTD050405

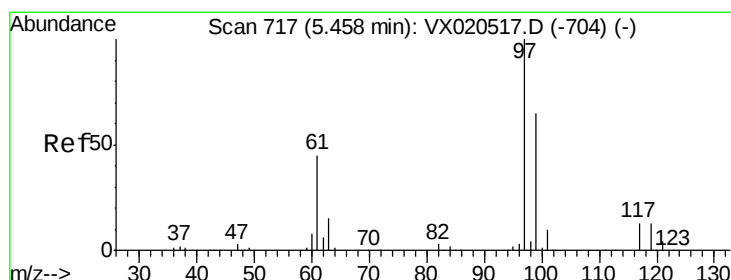
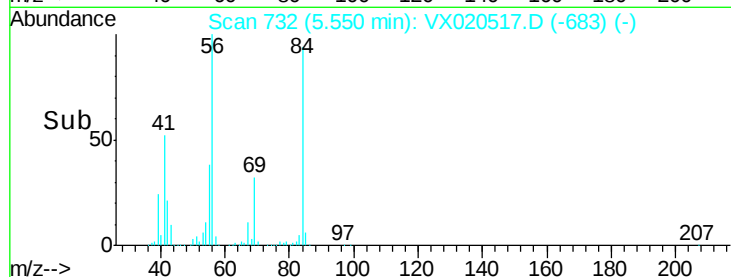
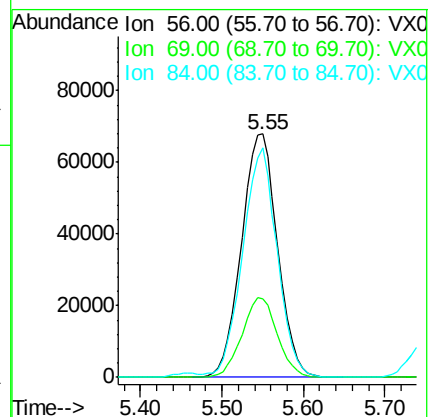
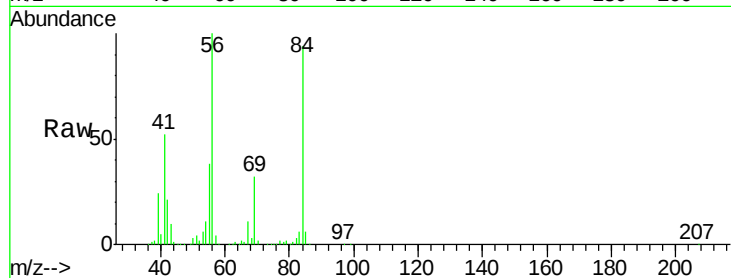
Tgt Ion: 56 Resp: 208263

Ion Ratio Lower Upper

56 100

69 32.1 25.7 38.5

84 90.5 72.4 108.6



#30

1,1,1-Trichloroethane

Concen: 47.655 ug/L

RT: 5.46 min Scan# 717

Delta R.T. 0.00 min

Lab File: VX020517.D

Acq: 06 Jan 2021 14:02

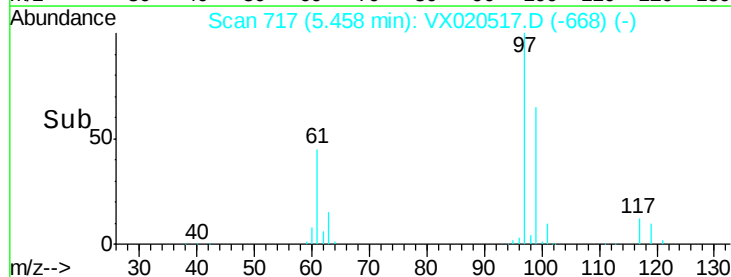
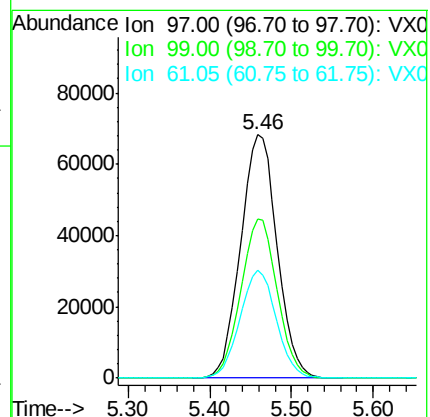
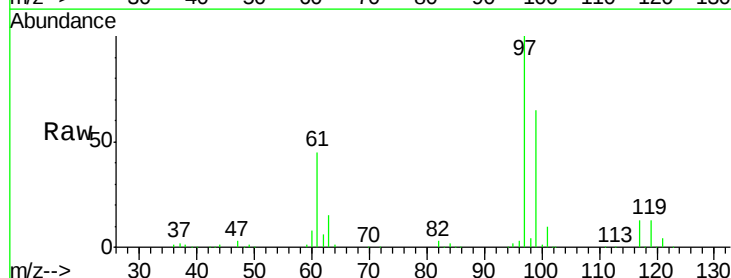
Tgt Ion: 97 Resp: 211999

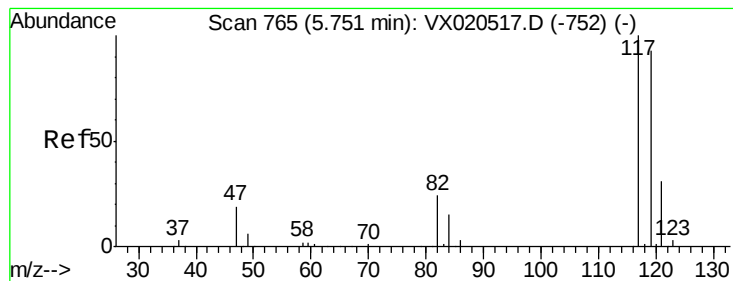
Ion Ratio Lower Upper

97 100

99 65.1 52.1 78.1

61 44.1 35.3 52.9





#31

Carbon tetrachloride

Concen: 45.527 ug/L

RT: 5.75 min Scan# 765

Delta R.T. 0.00 min

Lab File: VX020517.D

Acq: 06 Jan 2021 14:02

Instrument :

MSVOA_X

ClientSampleId :

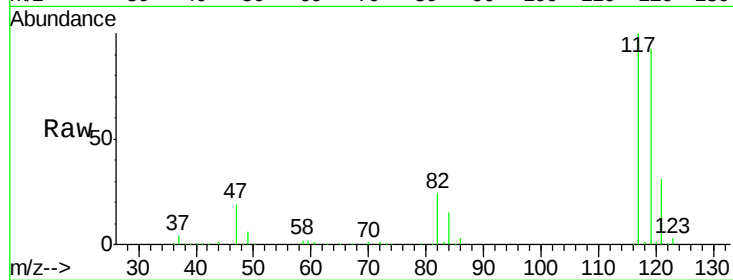
VSTD050405

Tgt Ion:117 Resp: 180446

Ion Ratio Lower Upper

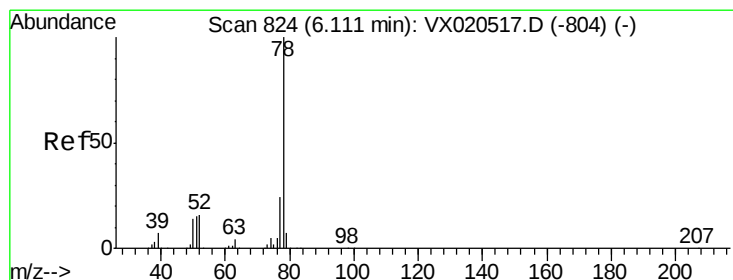
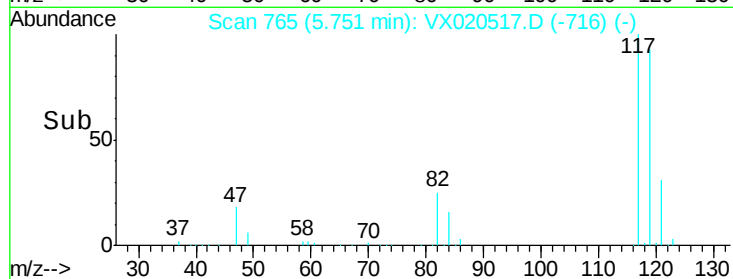
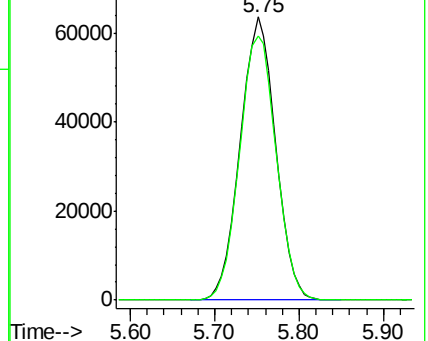
117 100

119 96.9 77.5 116.3



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V



#33

Benzene

Concen: 57.234 ug/L

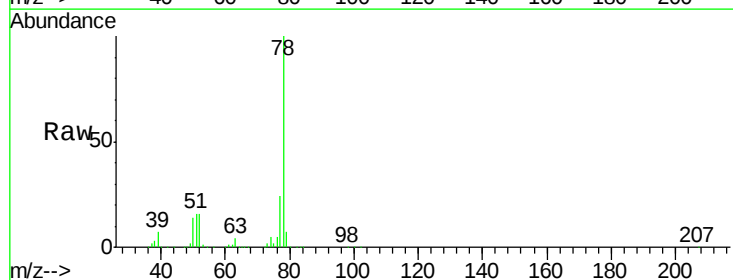
RT: 6.11 min Scan# 824

Delta R.T. 0.00 min

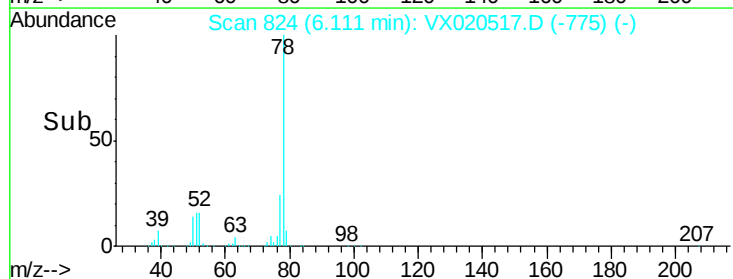
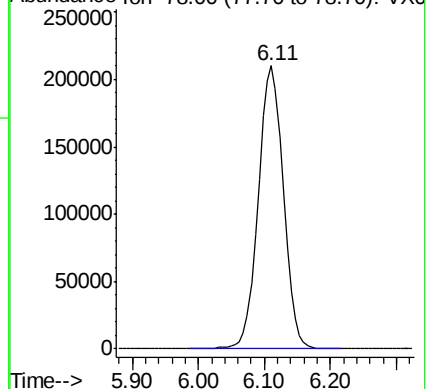
Lab File: VX020517.D

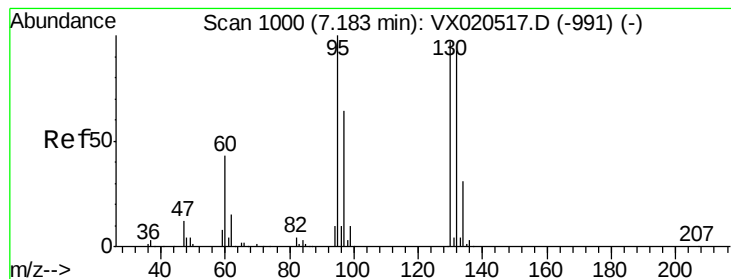
Acq: 06 Jan 2021 14:02

Tgt Ion: 78 Resp: 555363



Abundance Ion 78.00 (77.70 to 78.70): VX0





#34

Trichloroethene

Concen: 52.113 ug/L

RT: 7.18 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VX020517.D

Acq: 06 Jan 2021 14:02

Instrument :

MSVOA_X

ClientSampleId :

VSTD050405

Tgt Ion: 95 Resp: 138224

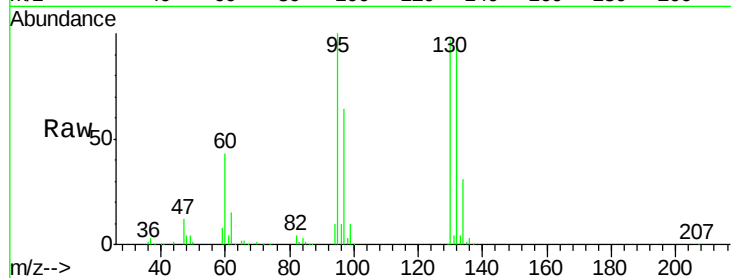
Ion Ratio Lower Upper

95 100

97 63.6 44.5 82.7

132 93.1 65.2 121.0

130 96.7 67.7 125.7

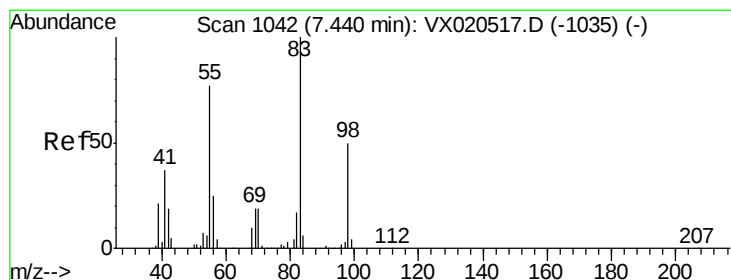
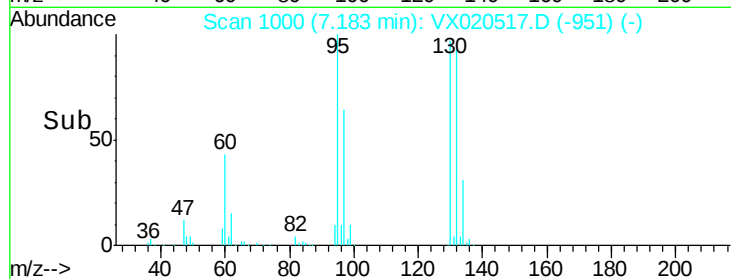
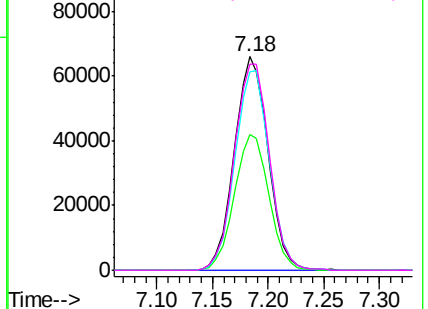


Abundance Ion 95.00 (94.70 to 95.70): VX0

Ion 97.00 (96.70 to 97.70): VX0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#35

Methylcyclohexane

Concen: 55.659 ug/L

RT: 7.44 min Scan# 1042

Delta R.T. 0.00 min

Lab File: VX020517.D

Acq: 06 Jan 2021 14:02

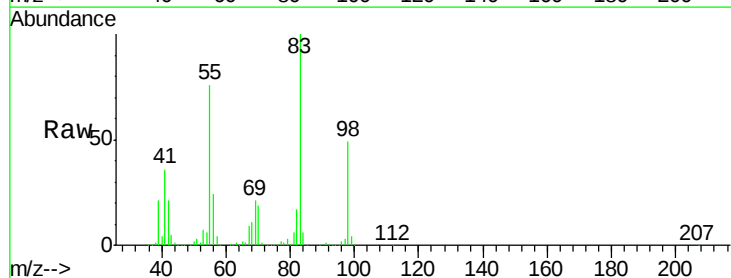
Tgt Ion: 83 Resp: 216595

Ion Ratio Lower Upper

83 100

55 76.5 61.2 91.8

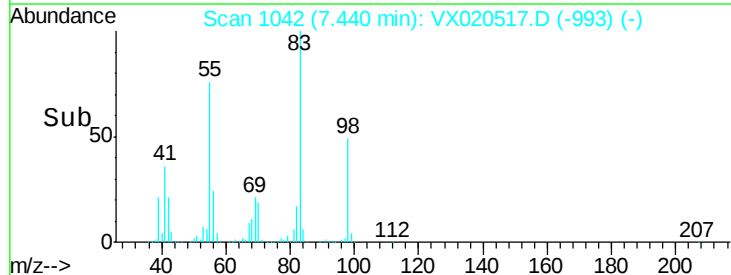
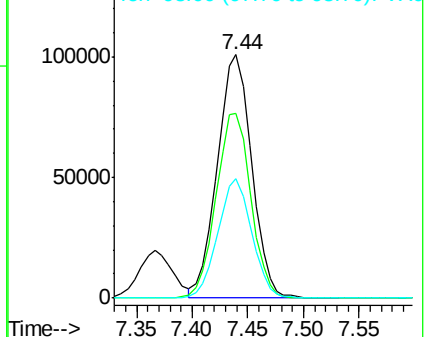
98 48.4 38.7 58.1

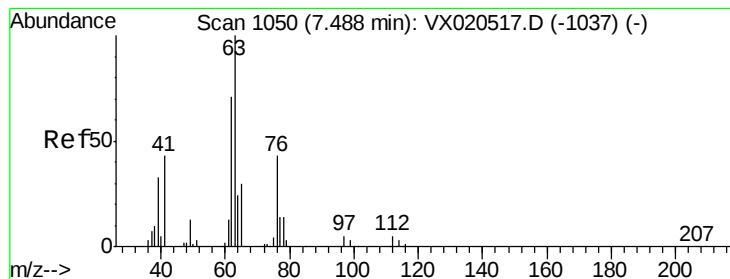


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#37

1,2-Dichloropropane

Concen: 55.174 ug/L

RT: 7.49 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VX020517.D

Acq: 06 Jan 2021 14:02

Instrument :

MSVOA_X

ClientSampleId :

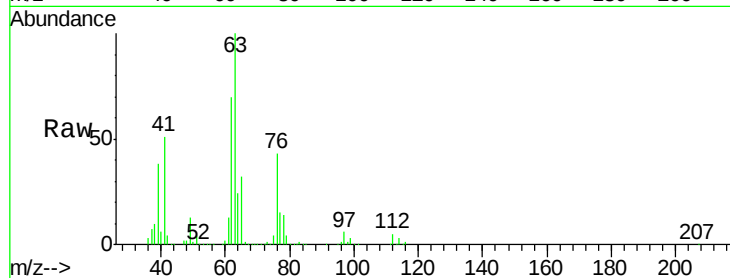
VSTD050405

Tgt Ion: 63 Resp: 140491

Ion Ratio Lower Upper

63 100

112 4.5 3.6 5.4



Abundance Ion 63.00 (62.70 to 63.70): VX0

Ion 112.00 (111.70 to 112.70): V

80000

60000

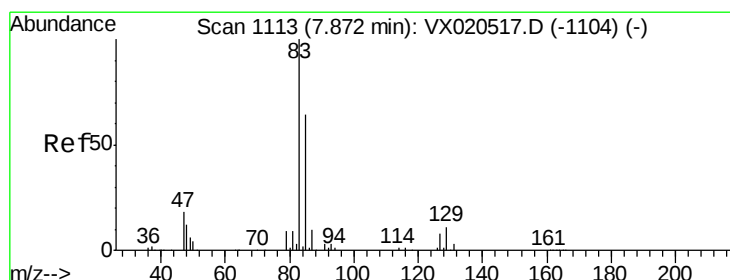
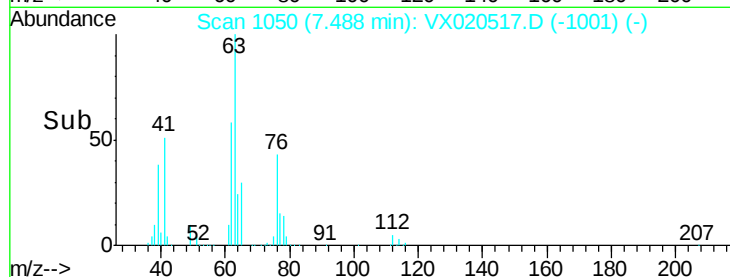
40000

20000

0

7.40 7.50 7.60

Time-->



#38

Bromodichloromethane

Concen: 50.689 ug/L

RT: 7.87 min Scan# 1113

Delta R.T. 0.00 min

Lab File: VX020517.D

Acq: 06 Jan 2021 14:02

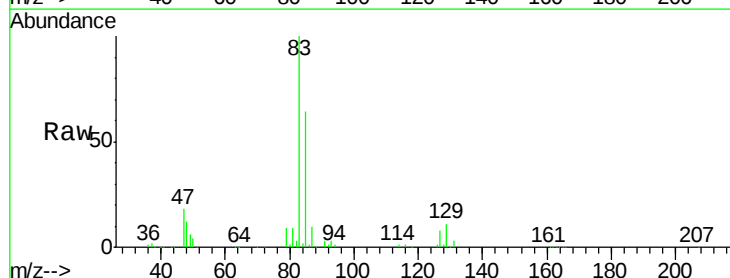
Tgt Ion: 83 Resp: 180574

Ion Ratio Lower Upper

83 100

85 64.4 45.1 83.7

127 8.3 6.6 10.0



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

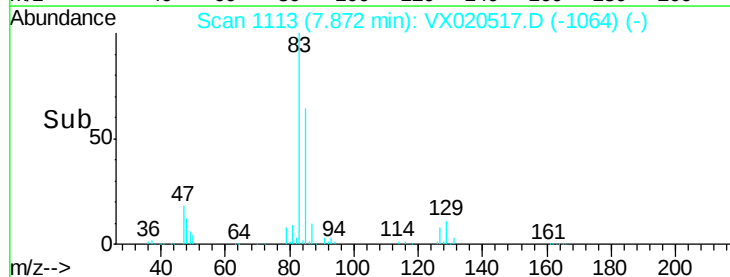
100000

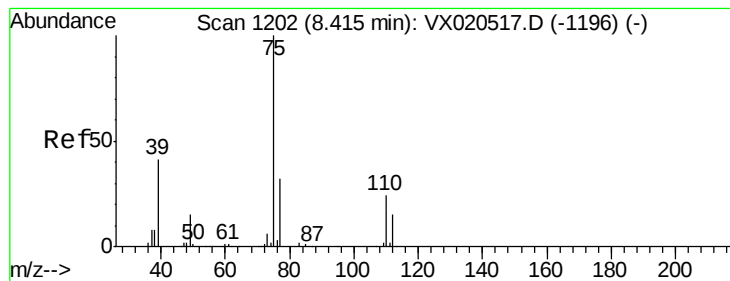
50000

0

7.80 7.85 7.90 7.95

Time-->



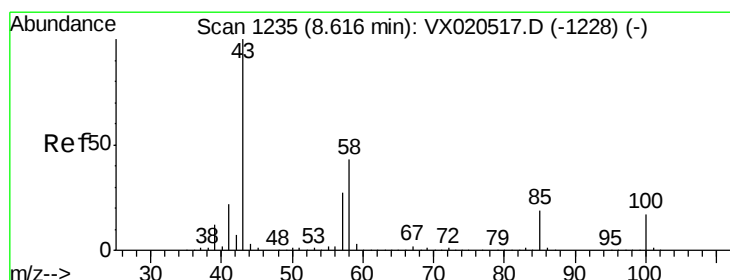
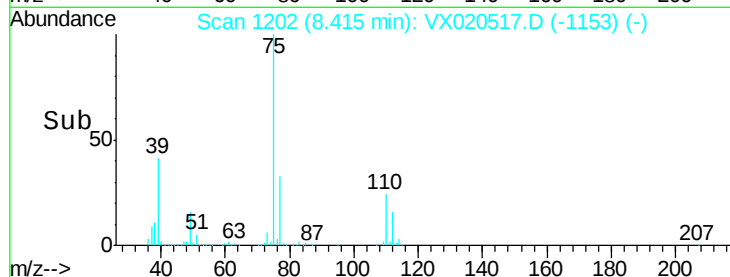
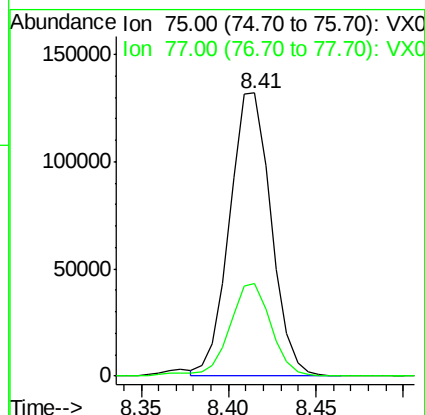
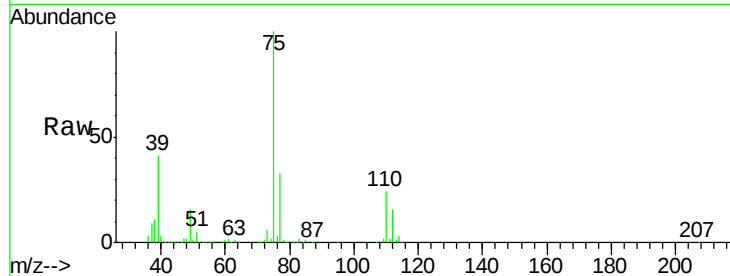


#39

cis-1,3-Dichloropropene
 Concen: 53.743 ug/L
 RT: 8.41 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: VX020517.D
 Acq: 06 Jan 2021 14:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050405

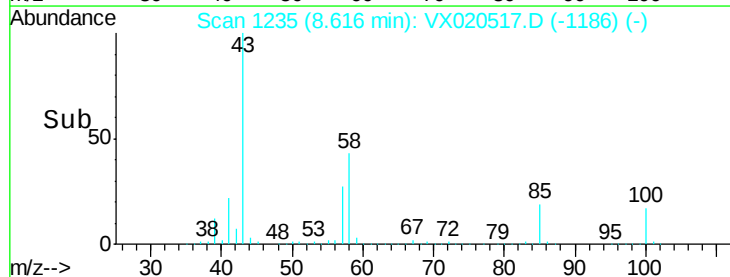
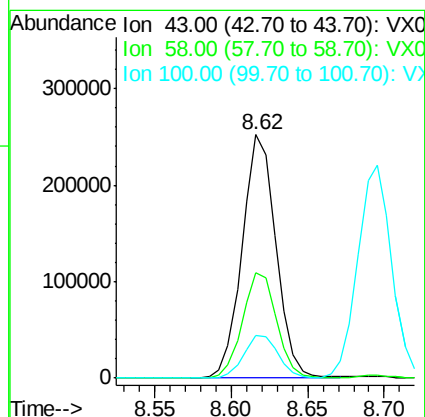
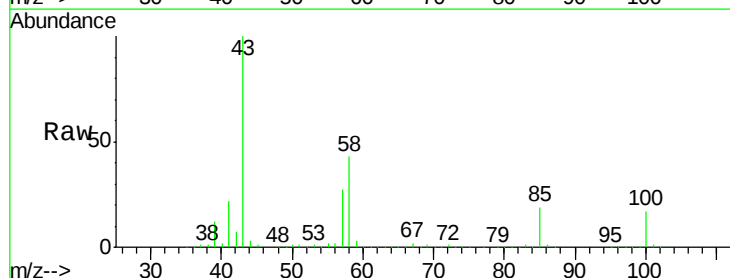
Tgt Ion: 75 Resp: 217730
 Ion Ratio Lower Upper
 75 100
 77 32.5 22.7 42.3

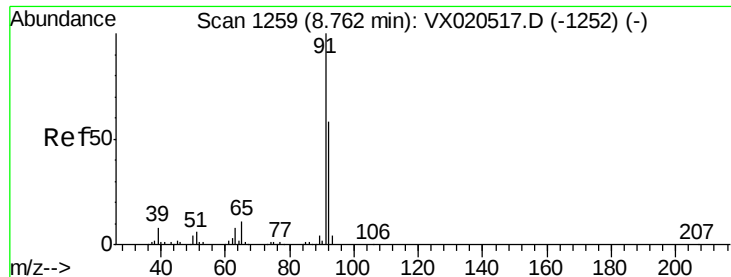


#40

4-Methyl-2-pentanone
 Concen: 114.867 ug/L
 RT: 8.62 min Scan# 1235
 Delta R.T. 0.00 min
 Lab File: VX020517.D
 Acq: 06 Jan 2021 14:02

Tgt Ion: 43 Resp: 387562
 Ion Ratio Lower Upper
 43 100
 58 43.7 35.0 52.4
 100 17.8 14.2 21.4





#42

Toluene

Concen: 57.992 ug/L

RT: 8.76 min Scan# 1259

Delta R.T. 0.00 min

Lab File: VX020517.D

Acq: 06 Jan 2021 14:02

Instrument :

MSVOA_X

ClientSampleId :

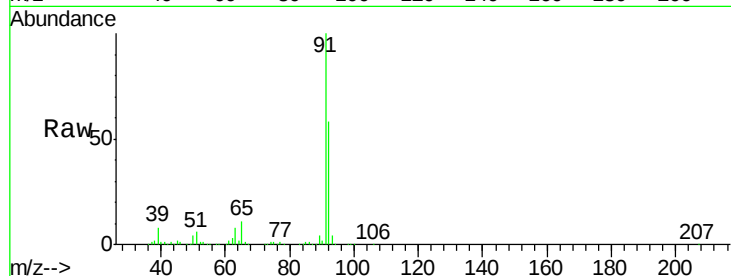
VSTD050405

Tgt Ion: 91 Resp: 603529

Ion Ratio Lower Upper

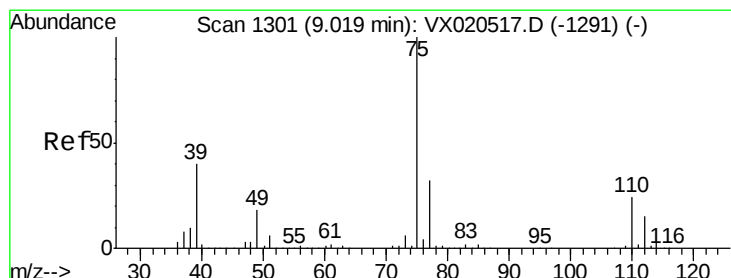
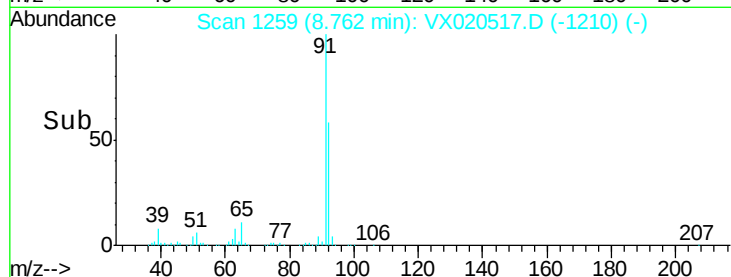
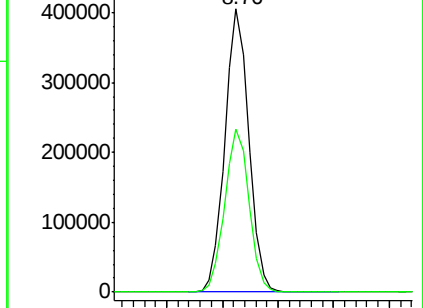
91 100

92 57.8 40.5 75.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0



#44

trans-1,3-Dichloropropene

Concen: 52.239 ug/L

RT: 9.02 min Scan# 1301

Delta R.T. 0.00 min

Lab File: VX020517.D

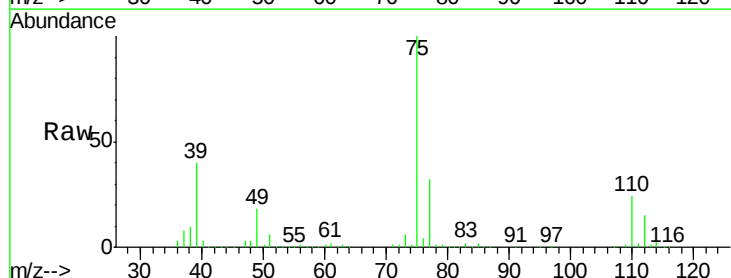
Acq: 06 Jan 2021 14:02

Tgt Ion: 75 Resp: 214244

Ion Ratio Lower Upper

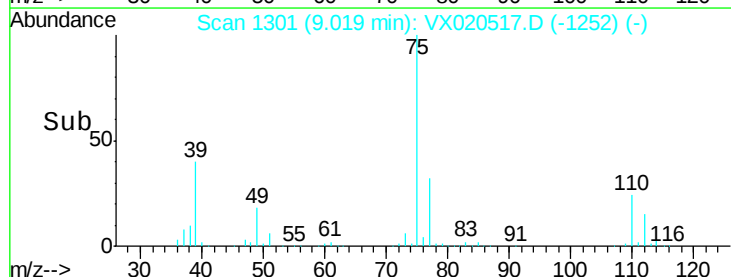
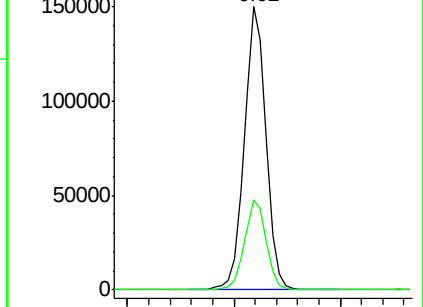
75 100

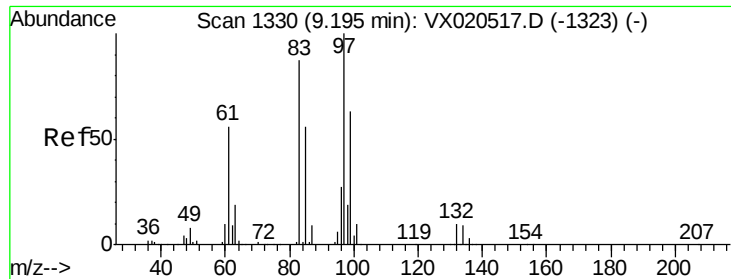
77 32.0 22.4 41.6



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

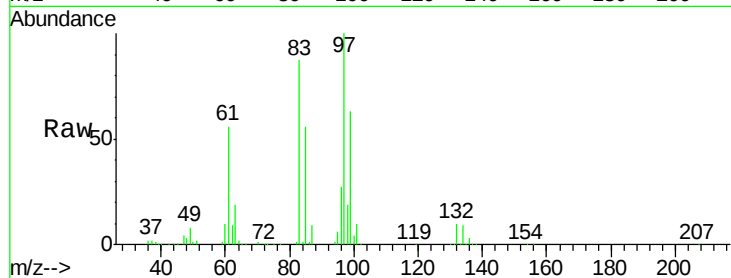




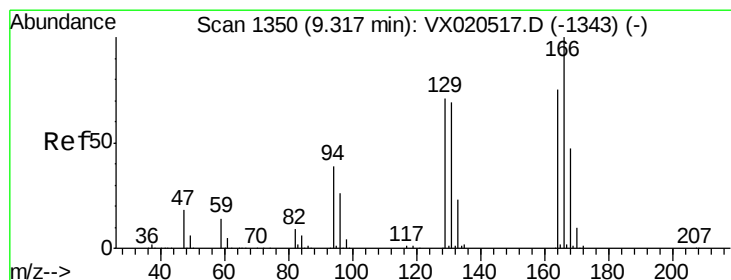
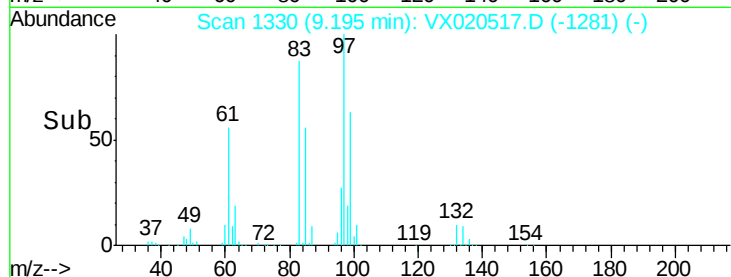
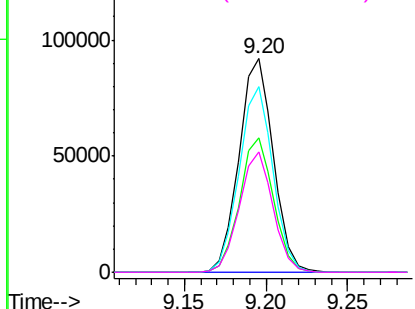
#45
 1,1,2-Trichloroethane
 Concen: 55.036 ug/L
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX020517.D
 Acq: 06 Jan 2021 14:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050405

Tgt Ion:	97	Resp:	134519
Ion	Ratio	Lower	Upper
97	100		
99	62.8	44.0	81.6
83	86.9	60.8	113.0
85	56.3	39.4	73.2

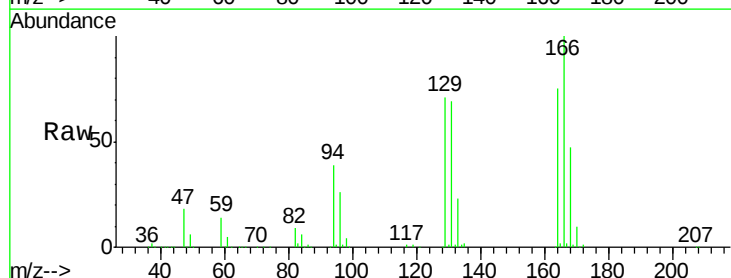


Abundance Ion 97.00 (96.70 to 97.70): VX0
 Ion 99.00 (98.70 to 99.70): VX0
 Ion 83.00 (82.70 to 83.70): VX0
 Ion 85.00 (84.70 to 85.70): VX0

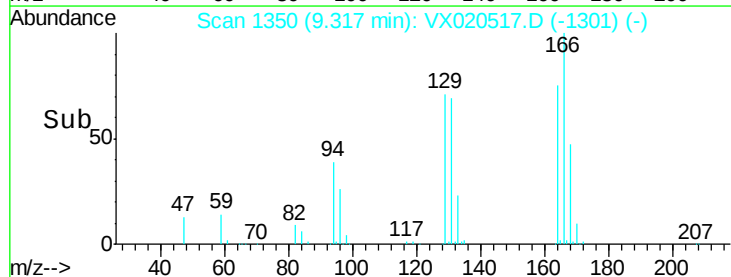
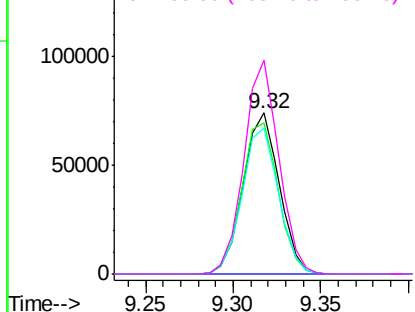


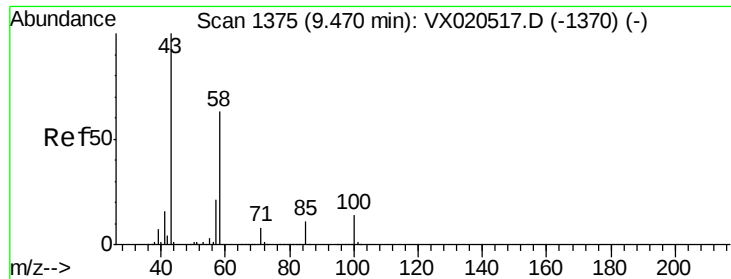
#46
 Tetrachloroethene
 Concen: 49.415 ug/L
 RT: 9.32 min Scan# 1350
 Delta R.T. 0.00 min
 Lab File: VX020517.D
 Acq: 06 Jan 2021 14:02

Tgt Ion:	164	Resp:	106109
Ion	Ratio	Lower	Upper
164	100		
129	93.7	65.6	121.8
131	91.0	63.7	118.3
166	132.8	93.0	172.6



Abundance Ion 164.00 (163.70 to 164.70): V
 Ion 129.00 (128.70 to 129.70): V
 Ion 131.00 (130.70 to 131.70): V
 Ion 166.00 (165.70 to 166.70): V

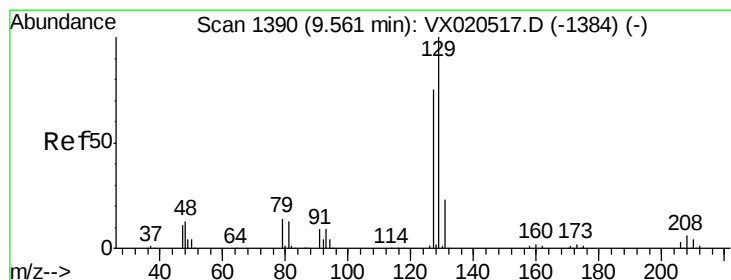
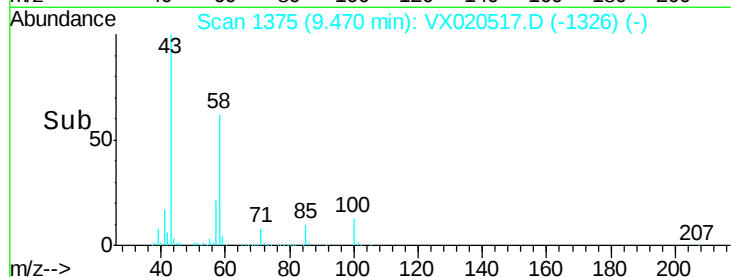
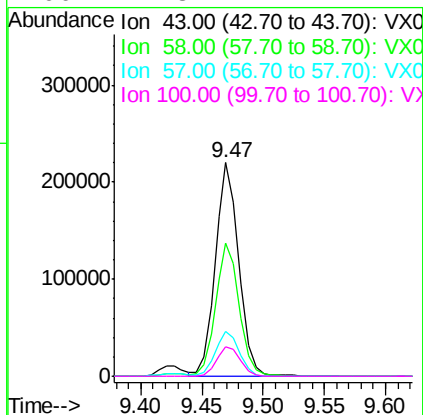
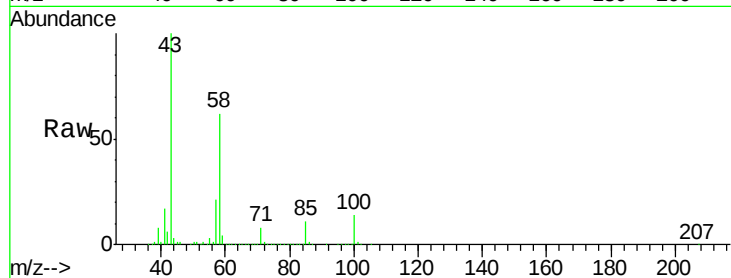




#48
2-Hexanone
Concen: 111.272 ug/L
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX020517.D
Acq: 06 Jan 2021 14:02

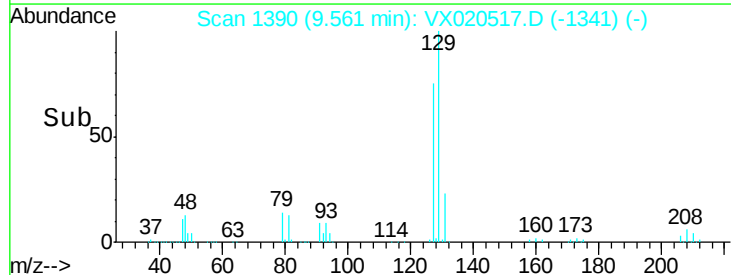
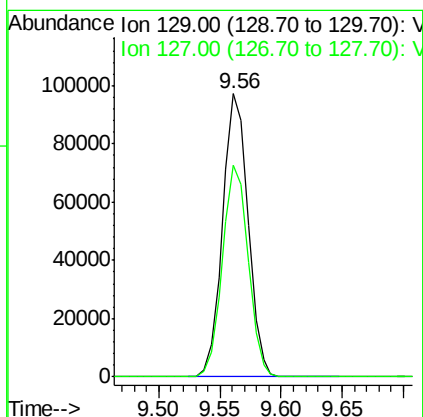
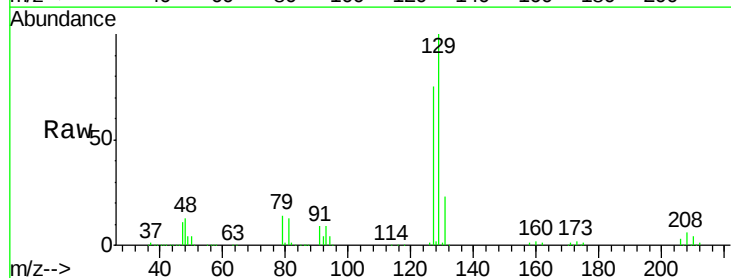
Instrument :
MSVOA_X
ClientSampleId :
VSTD050405

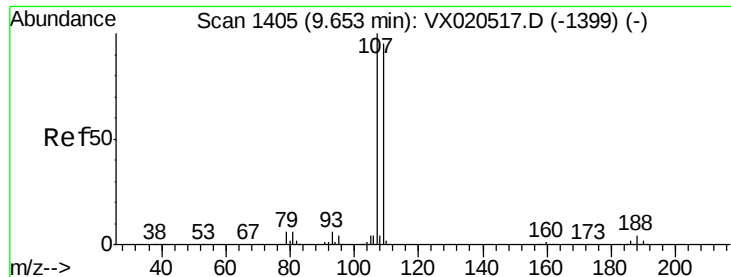
Tgt Ion: 43 Resp: 293997
Ion Ratio Lower Upper
43 100
58 62.6 50.1 75.1
57 21.6 17.3 25.9
100 14.3 11.4 17.2



#49
Dibromochloromethane
Concen: 47.267 ug/L
RT: 9.56 min Scan# 1390
Delta R.T. 0.00 min
Lab File: VX020517.D
Acq: 06 Jan 2021 14:02

Tgt Ion: 129 Resp: 140434
Ion Ratio Lower Upper
129 100
127 75.0 52.5 97.5

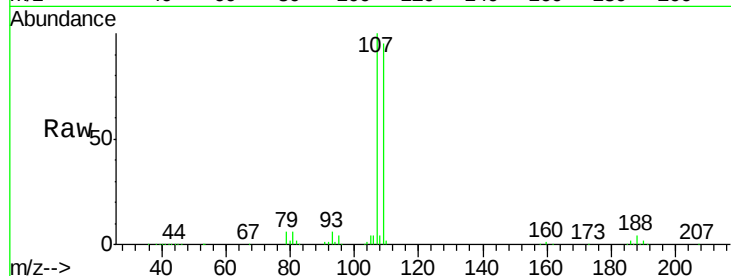




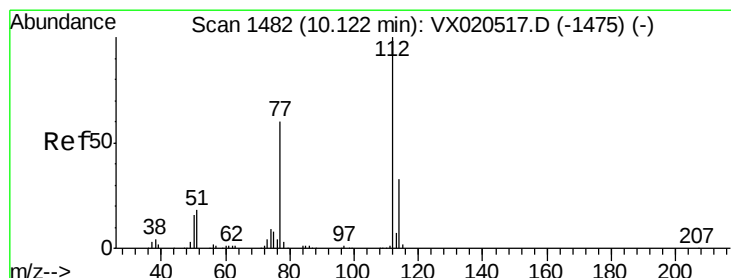
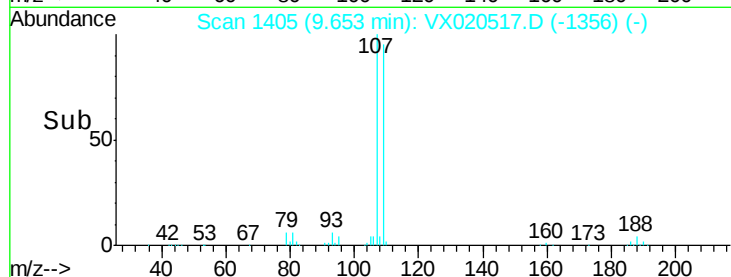
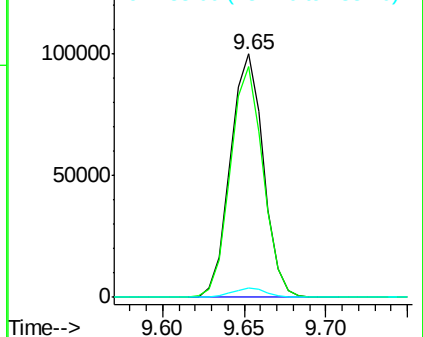
#50
 1,2-Dibromoethane
 Concen: 52.765 ug/L
 RT: 9.65 min Scan# 1405
 Delta R.T. 0.00 min
 Lab File: VX020517.D
 Acq: 06 Jan 2021 14:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050405

Tgt Ion:107 Resp: 140800
 Ion Ratio Lower Upper
 107 100
 109 94.9 66.4 123.4
 188 4.0 3.2 4.8

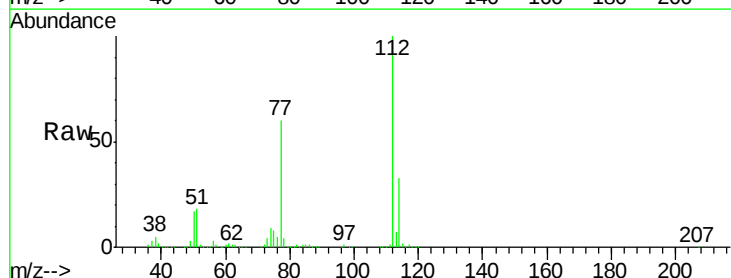


Abundance Ion 107.00 (106.70 to 107.70): V
 Ion 109.00 (108.70 to 109.70): V
 Ion 188.00 (187.70 to 188.70): V

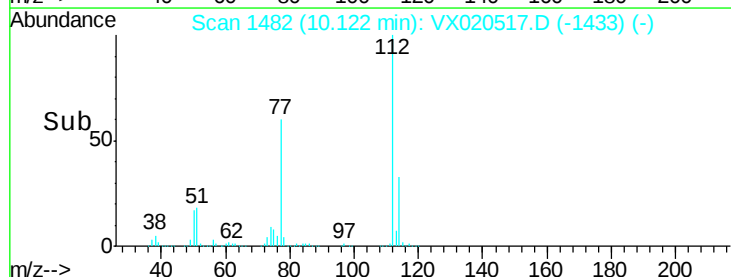
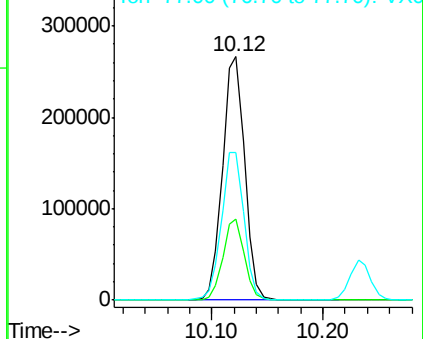


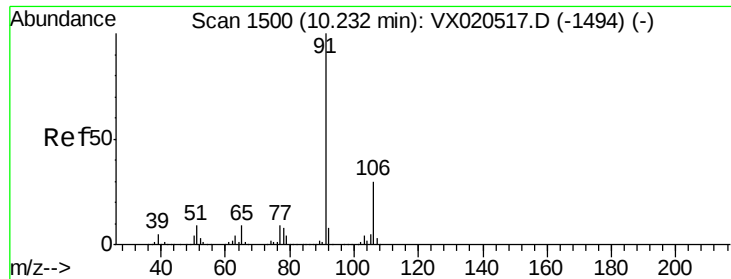
#51
 Chlorobenzene
 Concen: 53.576 ug/L
 RT: 10.12 min Scan# 1482
 Delta R.T. 0.00 min
 Lab File: VX020517.D
 Acq: 06 Jan 2021 14:02

Tgt Ion:112 Resp: 367505
 Ion Ratio Lower Upper
 112 100
 114 33.2 23.2 43.2
 77 60.5 48.4 72.6



Abundance Ion 112.00 (111.70 to 112.70): V
 Ion 114.00 (113.70 to 114.70): V
 Ion 77.00 (76.70 to 77.70): V





#52

Ethylbenzene

Concen: 56.461 ug/L

RT: 10.23 min Scan# 1500

Delta R.T. 0.00 min

Lab File: VX020517.D

Acq: 06 Jan 2021 14:02

Instrument :

MSVOA_X

ClientSampled :

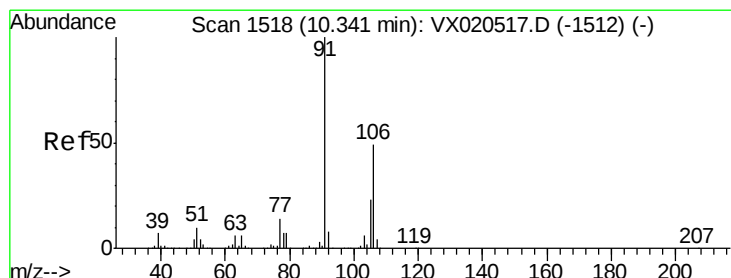
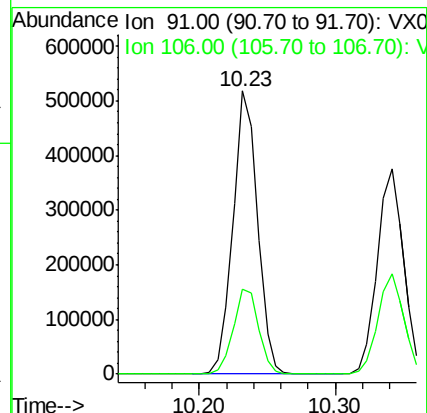
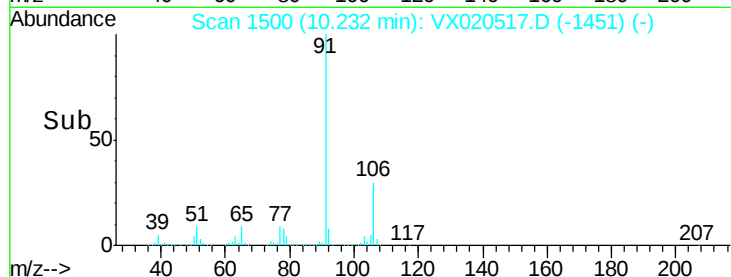
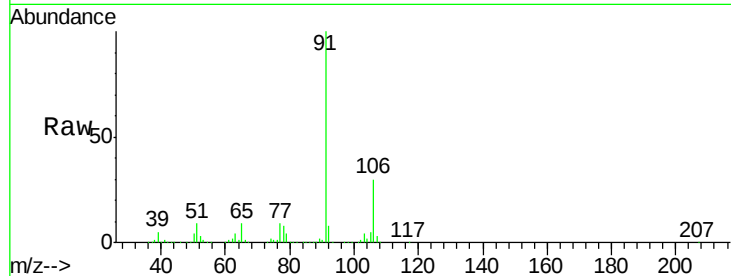
VSTD050405

Tgt Ion: 91 Resp: 650527

Ion Ratio Lower Upper

91 100

106 30.0 21.0 39.0



#53

m,p-Xylene

Concen: 55.981 ug/L

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX020517.D

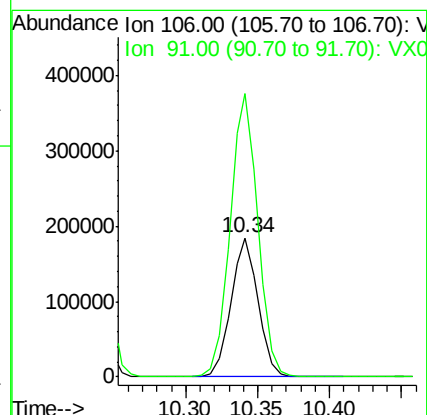
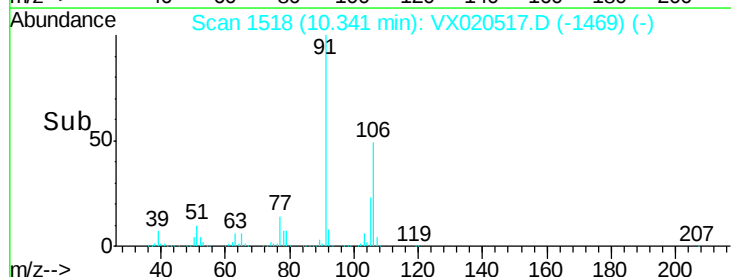
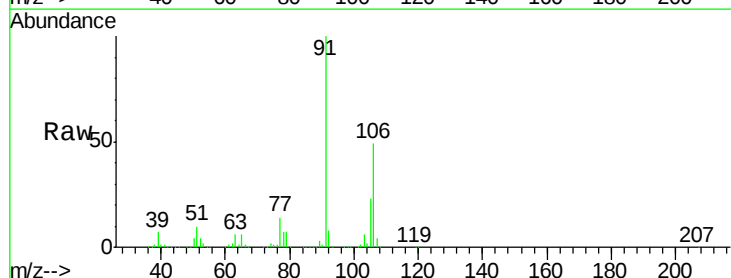
Acq: 06 Jan 2021 14:02

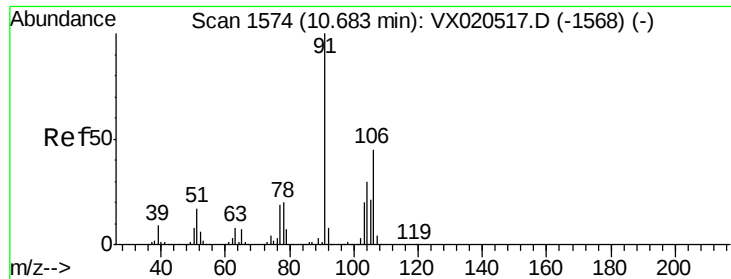
Tgt Ion: 106 Resp: 243512

Ion Ratio Lower Upper

106 100

91 203.5 142.5 264.6

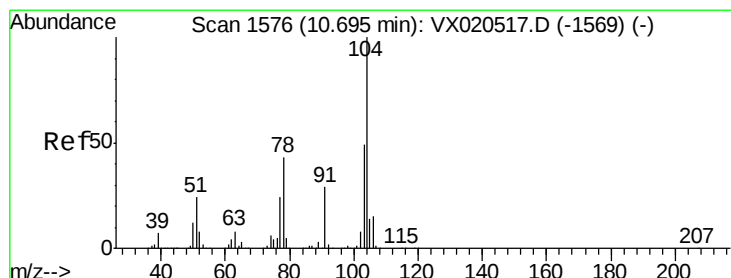
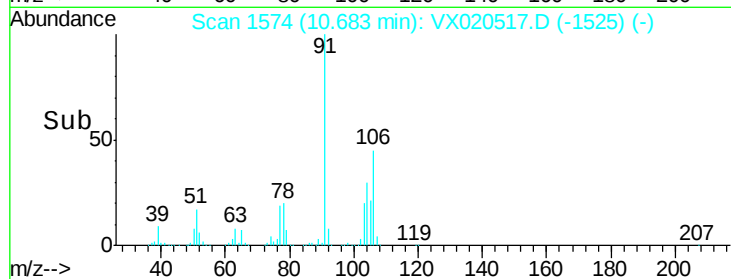
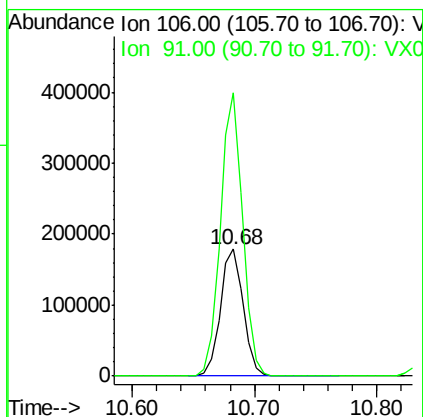
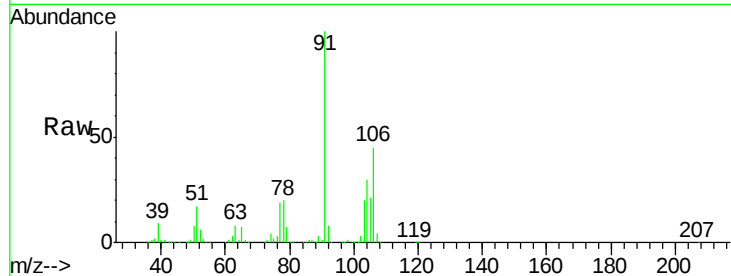




#54
o-Xylene
Concen: 55.488 ug/L
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX020517.D
Acq: 06 Jan 2021 14:02

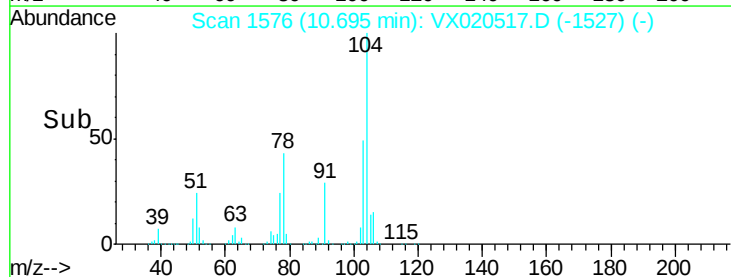
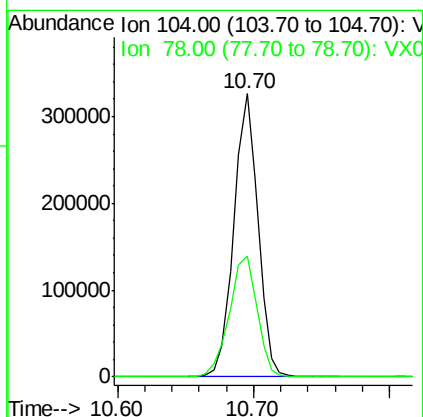
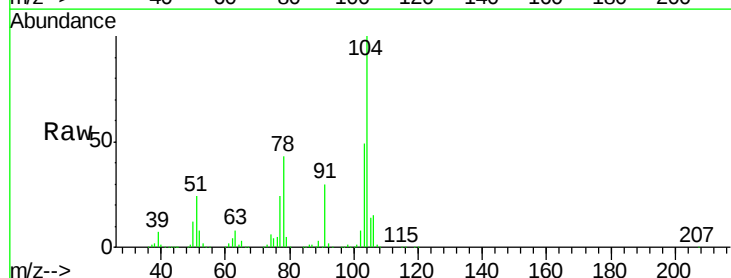
Instrument :
MSVOA_X
ClientSampleId :
VSTD050405

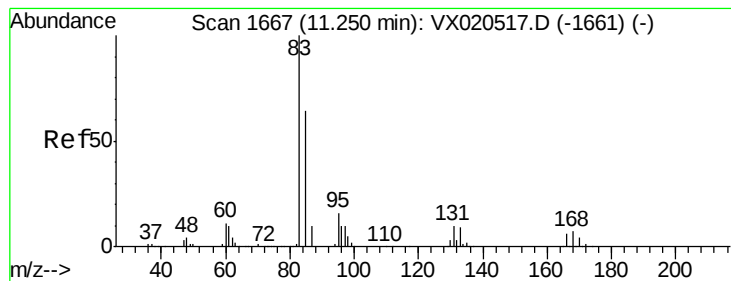
Tgt Ion:106 Resp: 231541
Ion Ratio Lower Upper
106 100
91 223.1 156.2 290.0



#55
Styrene
Concen: 55.808 ug/L
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX020517.D
Acq: 06 Jan 2021 14:02

Tgt Ion:104 Resp: 402501
Ion Ratio Lower Upper
104 100
78 42.8 30.0 55.6





#57

1,1,2,2-Tetrachloroethane

Concen: 57.353 ug/L

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX020517.D

Acq: 06 Jan 2021 14:02

Instrument :

MSVOA_X

ClientSampleId :

VSTD050405

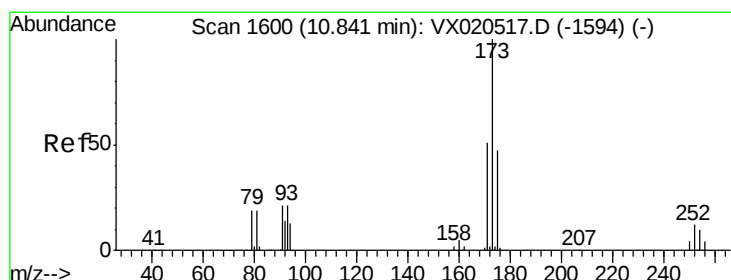
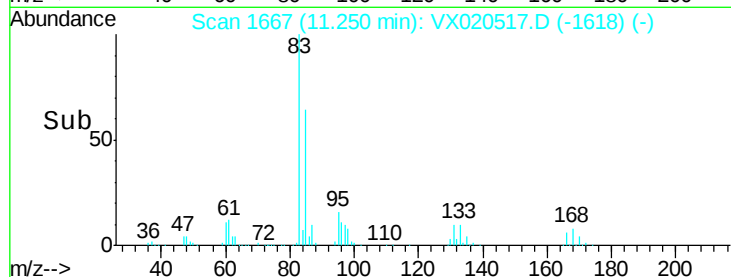
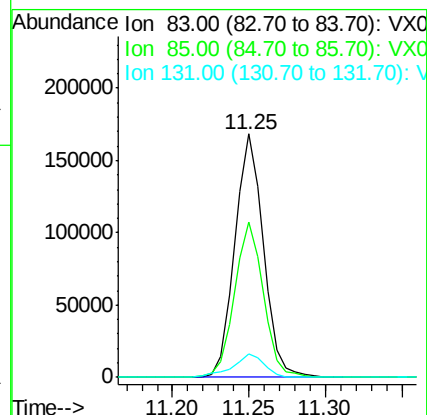
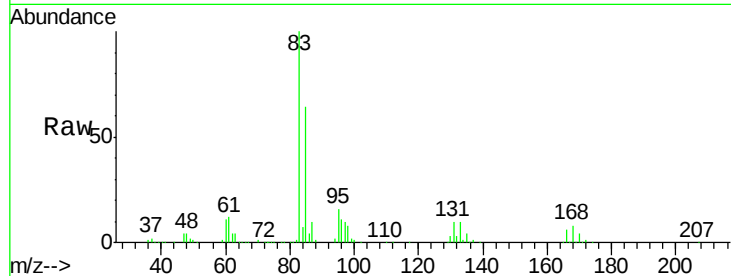
Tgt Ion: 83 Resp: 217666

Ion Ratio Lower Upper

83 100

85 63.8 44.7 82.9

131 9.8 7.8 11.8



#59

Bromoform

Concen: 47.578 ug/L

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX020517.D

Acq: 06 Jan 2021 14:02

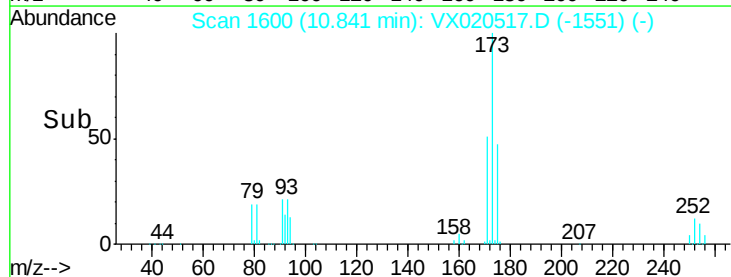
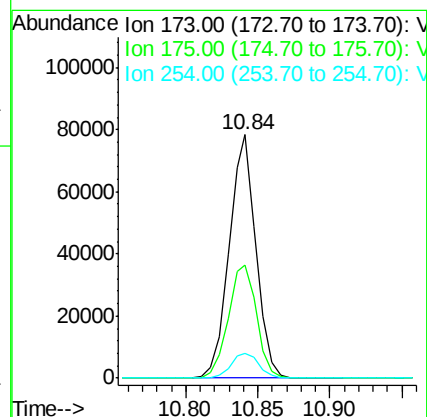
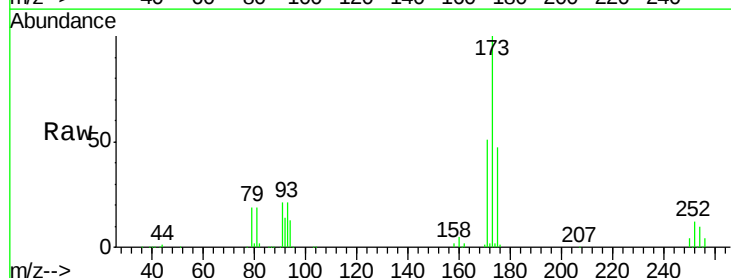
Tgt Ion: 173 Resp: 101825

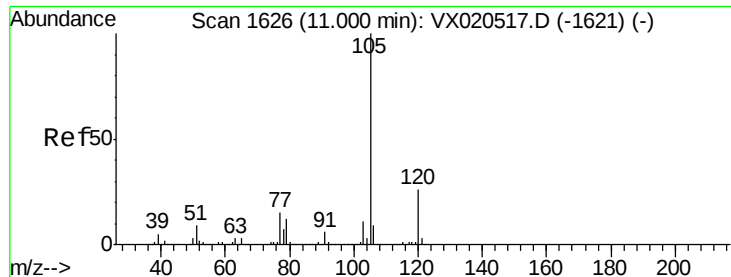
Ion Ratio Lower Upper

173 100

175 49.3 39.4 59.2

254 10.8 8.6 13.0





#60

Isopropylbenzene

Concen: 55.501 ug/L

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX020517.D

Acq: 06 Jan 2021 14:02

Instrument :

MSVOA_X

ClientSampleId :

VSTD050405

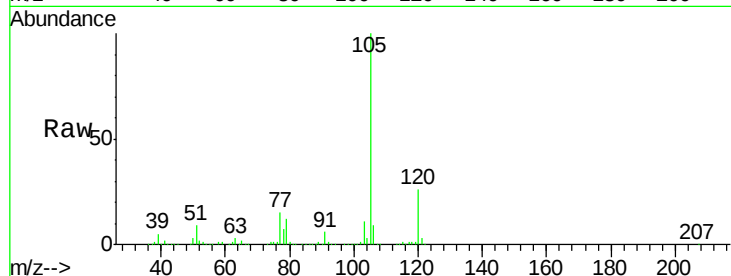
Tgt Ion:105 Resp: 597378

Ion Ratio Lower Upper

105 100

120 26.5 21.2 31.8

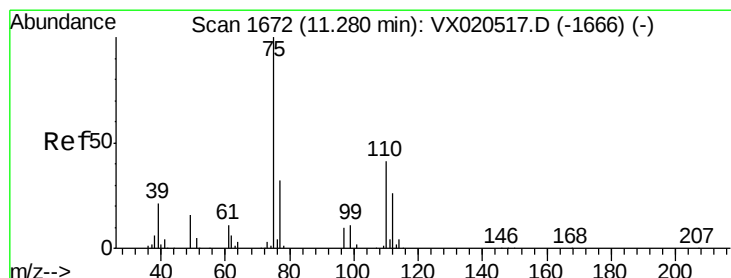
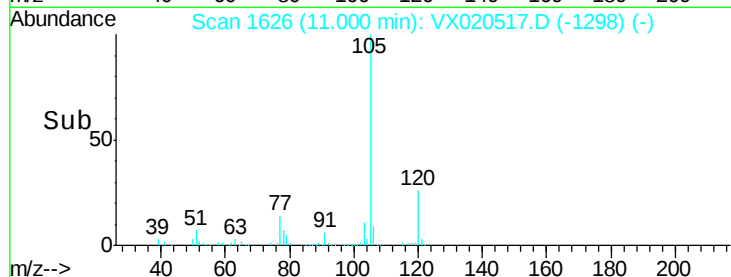
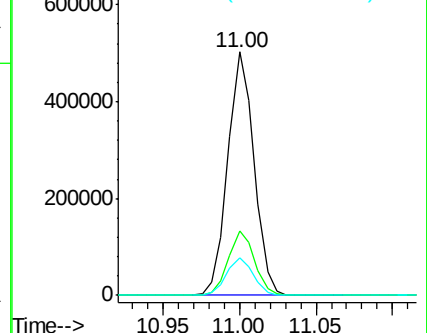
77 15.7 12.6 18.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

Ion 77.00 (76.70 to 77.70): V



#61

1,2,3-Trichloropropane

Concen: 56.709 ug/L

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX020517.D

Acq: 06 Jan 2021 14:02

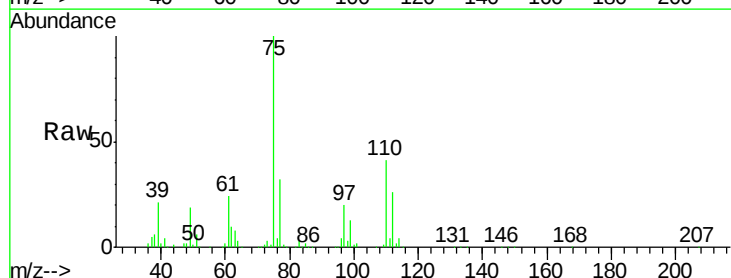
Tgt Ion: 75 Resp: 175637

Ion Ratio Lower Upper

75 100

77 32.7 26.2 39.2

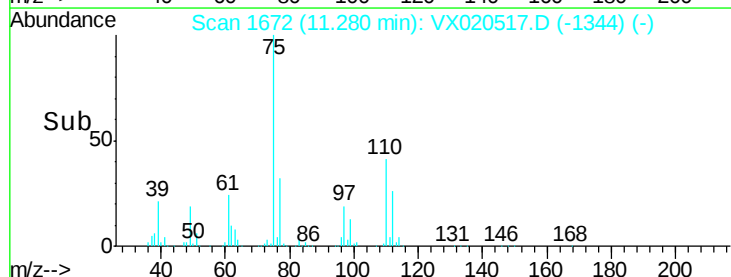
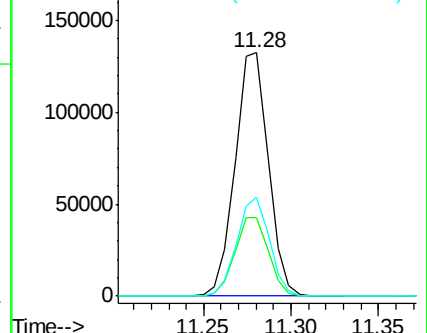
110 39.8 31.8 47.8

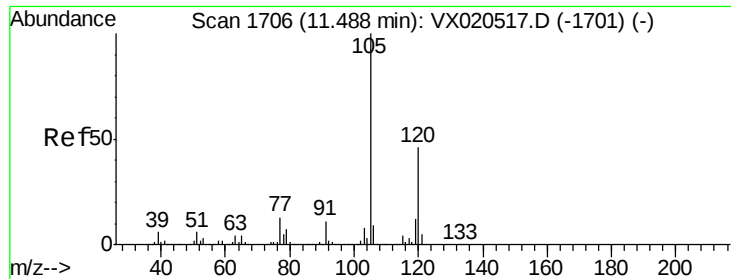


Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 110.00 (109.70 to 110.70): V

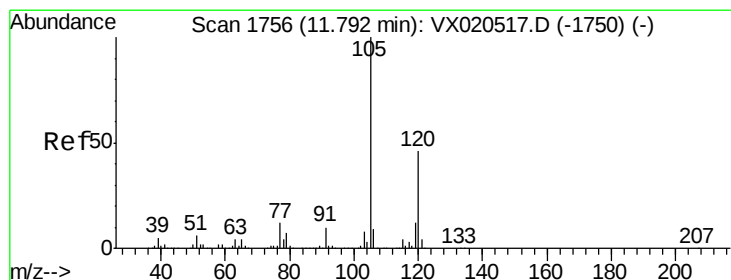
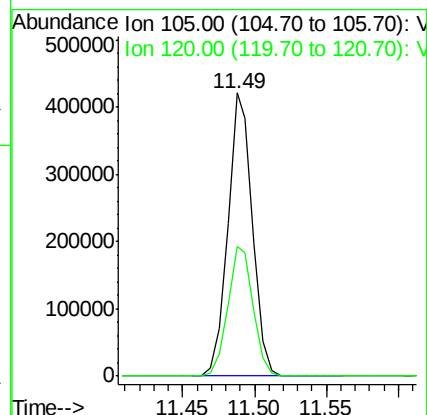
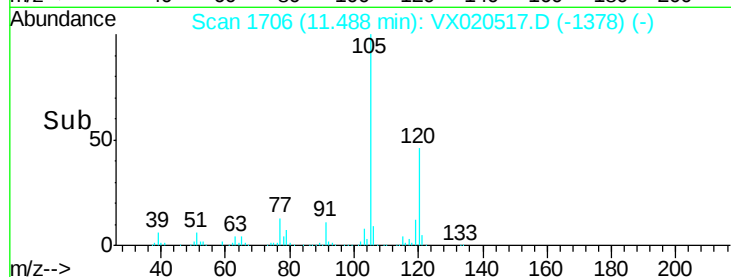
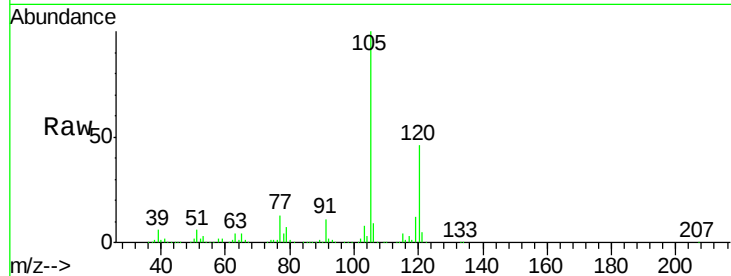




#62
 1,3,5-Trimethylbenzene
 Concen: 56.493 ug/L
 RT: 11.49 min Scan# 1706
 Delta R.T. 0.00 min
 Lab File: VX020517.D
 Acq: 06 Jan 2021 14:02

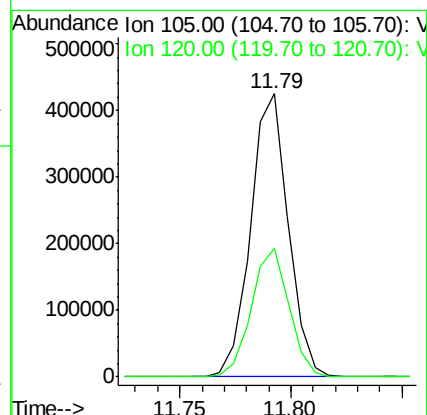
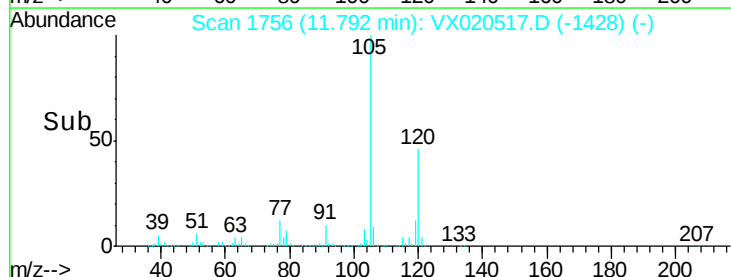
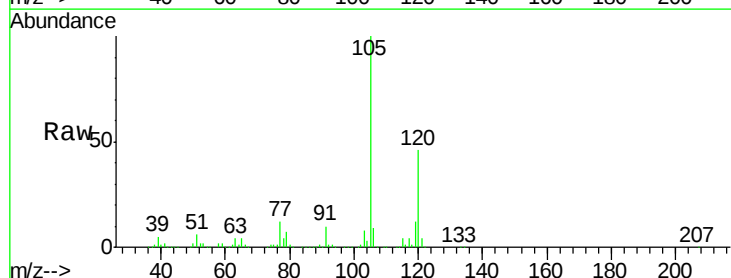
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050405

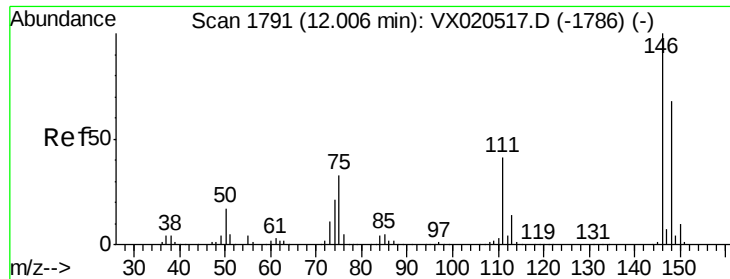
Tgt Ion:105 Resp: 503975
 Ion Ratio Lower Upper
 105 100
 120 47.5 38.0 57.0



#63
 1,2,4-Trimethylbenzene
 Concen: 55.612 ug/L
 RT: 11.79 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: VX020517.D
 Acq: 06 Jan 2021 14:02

Tgt Ion:105 Resp: 501971
 Ion Ratio Lower Upper
 105 100
 120 45.5 36.4 54.6

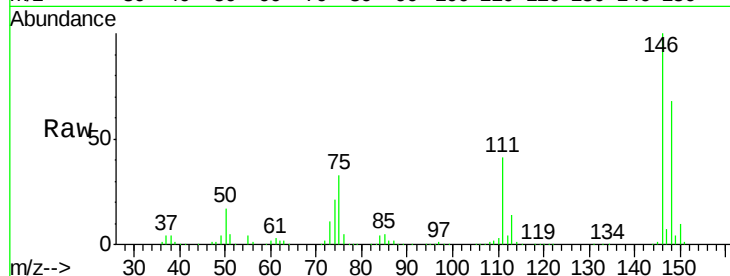




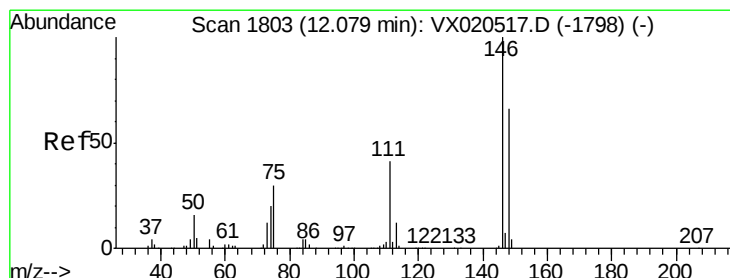
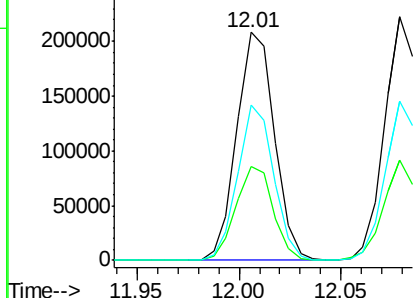
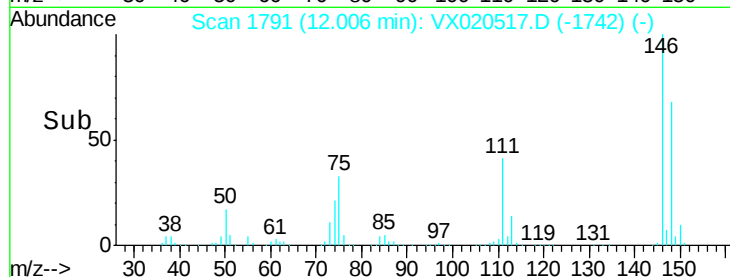
#64
 1,3-Dichlorobenzene
 Concen: 51.033 ug/L
 RT: 12.01 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX020517.D
 Acq: 06 Jan 2021 14:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050405

Tgt Ion:146 Resp: 267519
 Ion Ratio Lower Upper
 146 100
 111 41.3 28.9 53.7
 148 68.2 47.7 88.7

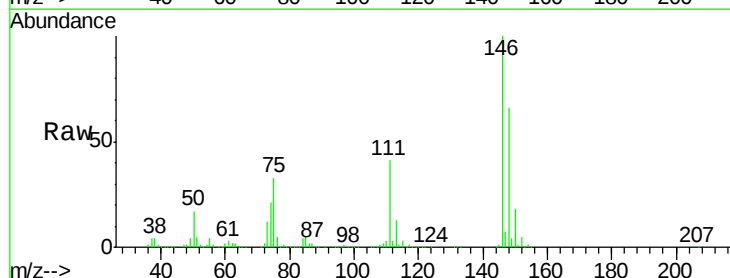


Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

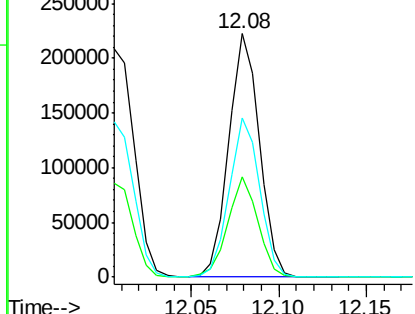
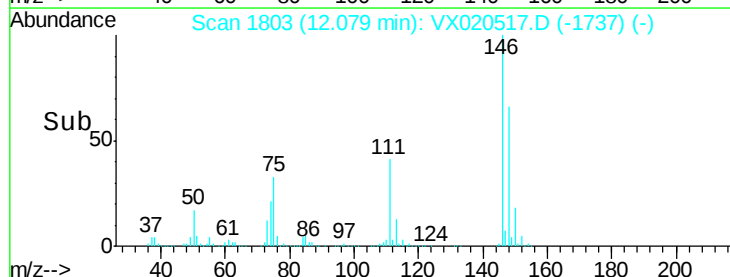


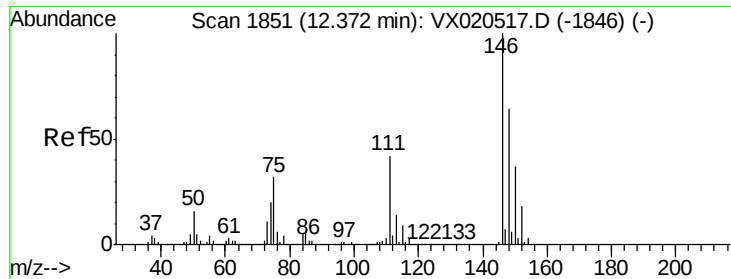
#65
 1,4-Dichlorobenzene
 Concen: 51.215 ug/L
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX020517.D
 Acq: 06 Jan 2021 14:02

Tgt Ion:146 Resp: 271112
 Ion Ratio Lower Upper
 146 100
 111 41.0 28.7 53.3
 148 65.5 45.8 85.2



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





#67

1,2-Dichlorobenzene

Concen: 53.591 ug/L

RT: 12.37 min Scan# 1851

Delta R.T. 0.00 min

Lab File: VX020517.D

Acq: 06 Jan 2021 14:02

Instrument :

MSVOA_X

ClientSampleId :

VSTD050405

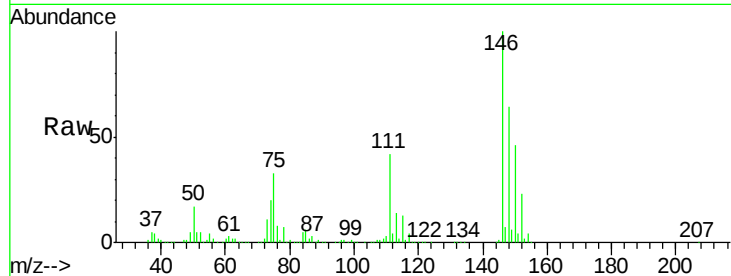
Tgt Ion: 146 Resp: 273596

Ion Ratio Lower Upper

146 100

111 42.3 33.8 50.8

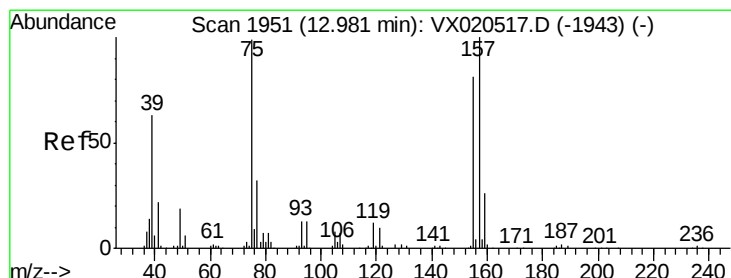
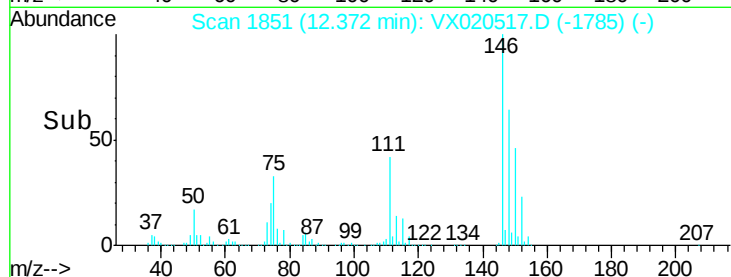
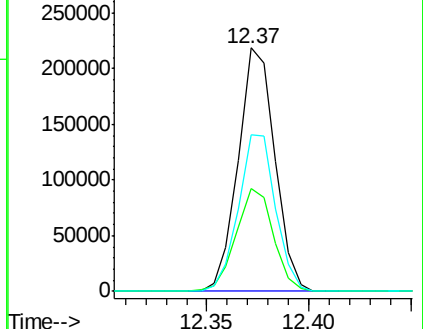
148 64.3 51.4 77.2



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



#68

1,2-Dibromo-3-chloropropane

Concen: 52.943 ug/L

RT: 12.98 min Scan# 1951

Delta R.T. 0.00 min

Lab File: VX020517.D

Acq: 06 Jan 2021 14:02

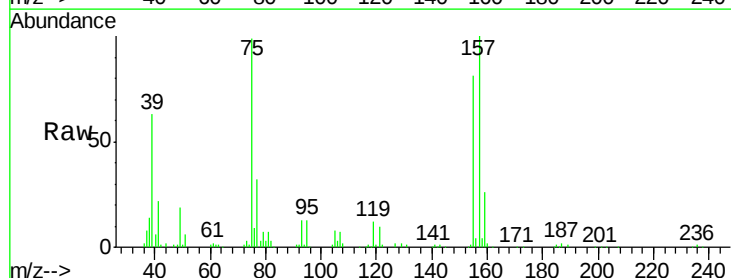
Tgt Ion: 75 Resp: 46964

Ion Ratio Lower Upper

75 100

155 81.6 65.3 97.9

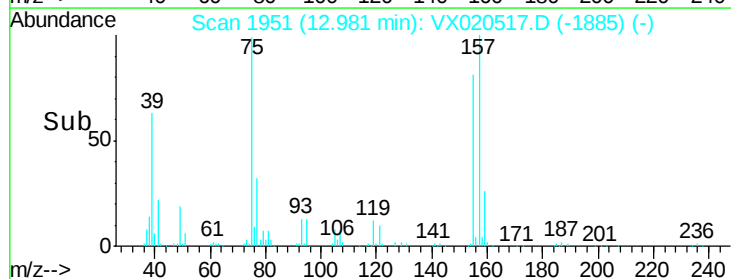
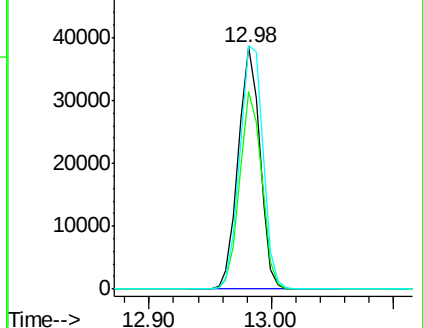
157 100.6 80.5 120.7

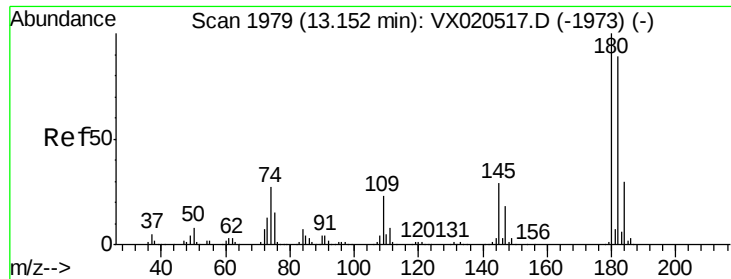


Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

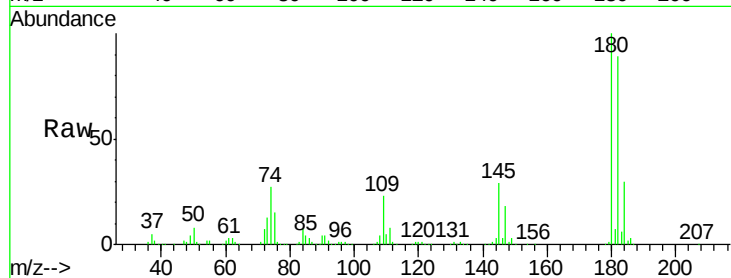




#69
 1,3,5-Trichlorobenzene
 Concen: 53.957 ug/L
 RT: 13.15 min Scan# 1979
 Delta R.T. 0.00 min
 Lab File: VX020517.D
 Acq: 06 Jan 2021 14:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050405

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.5	74.8	112.2
184	30.1	24.1	36.1
145	29.6	23.7	35.5



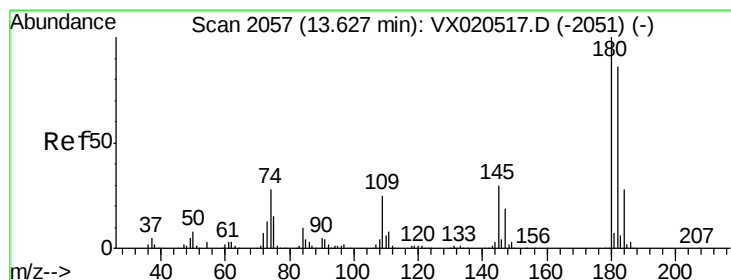
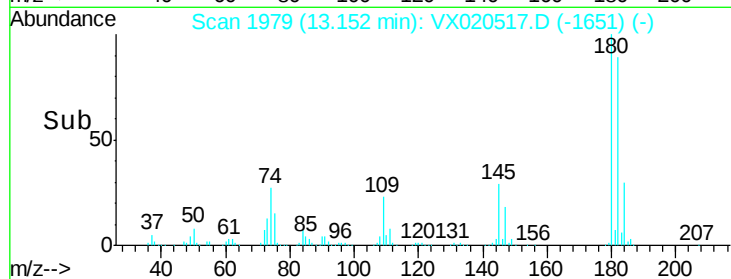
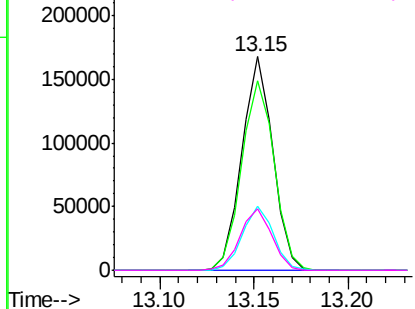
Abundance

Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

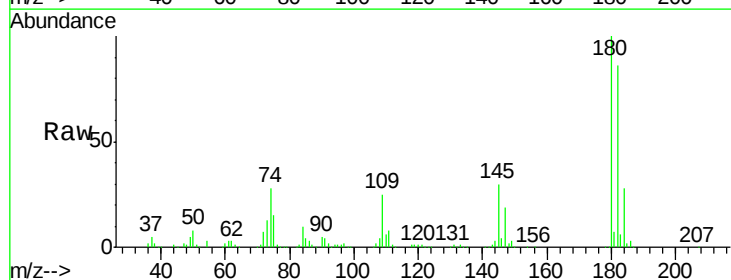
Ion 184.00 (183.70 to 184.70): V

Ion 145.00 (144.70 to 145.70): V



#70
 1,2,4-trichlorobenzene
 Concen: 50.811 ug/L
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX020517.D
 Acq: 06 Jan 2021 14:02

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.9	74.3	111.5
145	30.1	24.1	36.1

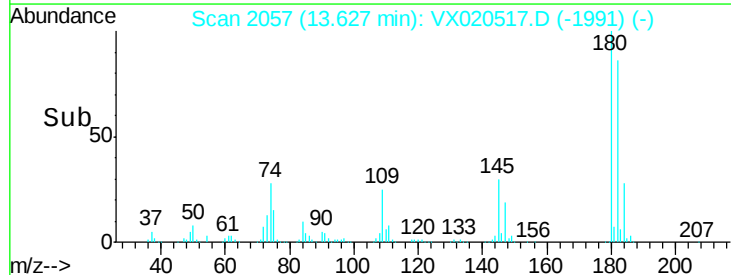
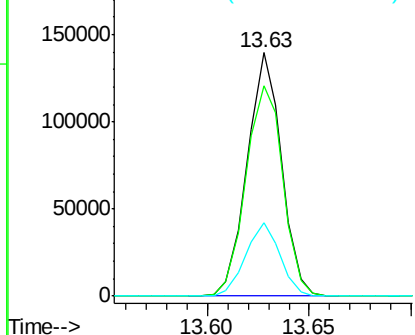


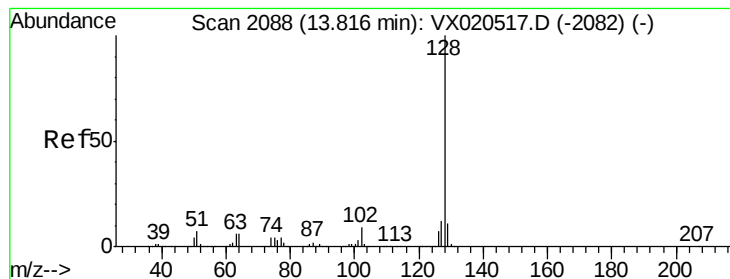
Abundance

Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V





#71

Naphthalene

Concen: 57.552 ug/L

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX020517.D

Acq: 06 Jan 2021 14:02

Instrument :

MSVOA_X

ClientSampleId :

VSTD050405

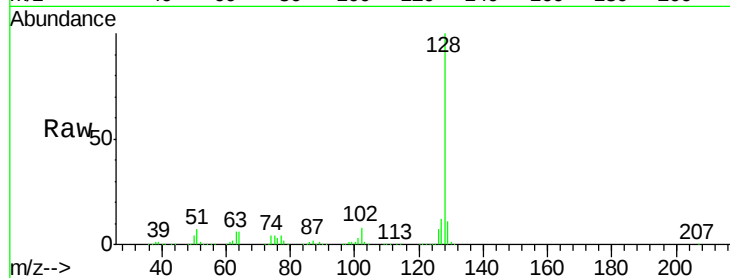
Tgt Ion:128 Resp: 585023

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.2

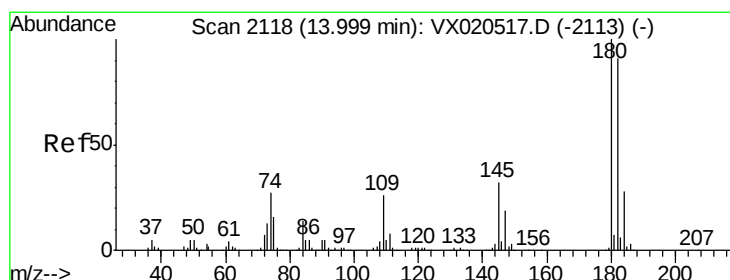
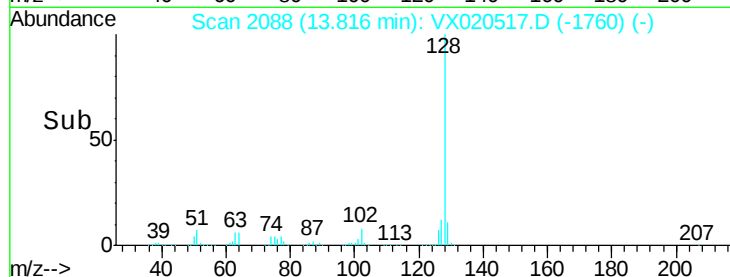
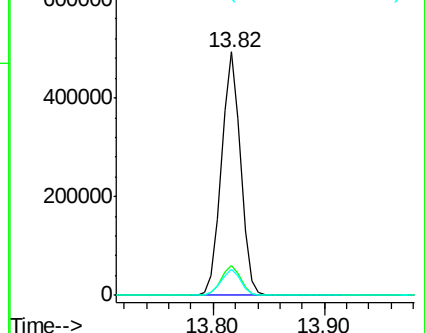
129 10.8 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#72

1,2,3-Trichlorobenzene

Concen: 53.563 ug/L

RT: 14.00 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VX020517.D

Acq: 06 Jan 2021 14:02

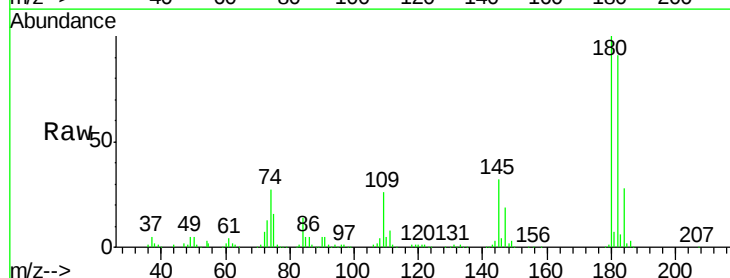
Tgt Ion:180 Resp: 172344

Ion Ratio Lower Upper

180 100

182 93.3 74.6 112.0

145 32.0 25.6 38.4



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

