

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX010521\
 Data File : VX020505.D
 Acq On : 05 Jan 2021 18:06
 Operator : JC/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VICV301

Quant Time: Jan 06 04:56:55 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SFAMXTR010521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 06 04:48:03 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	167596	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.09	117	165706	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.06	152	86957	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	63009	4.67	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.40%
7) Chloroethane-d5	1.70	69	55332	4.69	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.80%
11) 1,1-Dichloroethene-d2	2.34	63	127904	4.89	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.80%
20) 2-Butanone-d5	4.54	46	142044	48.62	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.24%
24) Chloroform-d	5.14	84	125511	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.40%
26) 1,2-Dichloroethane-d4	6.03	65	61011	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.60%
32) Benzene-d6	6.04	84	253514	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.60%
36) 1,2-Dichloropropane-d6	7.37	67	75150	4.62	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.40%
41) Toluene-d8	8.70	98	228599	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.20%
43) trans-1,3-Dichloropropene-	8.99	79	27402	4.88	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.60%
46) 2-Hexanone-d5	9.43	63	134509	52.84	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.68%
56) 1,1,2,2-Tetrachloroethane-	11.23	84	56543	4.93	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.60%
66) 1,2-Dichlorobenzene-d4	12.36	152	81670	4.81	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.20%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.18	85	90139	4.962	ug/L 100
3) Chloromethane	1.31	50	78363	4.947	ug/L 99
5) Vinyl chloride	1.39	62	85880	4.992	ug/L 99
6) Bromomethane	1.64	94	50458	5.435	ug/L 94
8) Chloroethane	1.72	64	50468	4.944	ug/L 96
9) Trichlorofluoromethane	1.92	101	111016	5.030	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.37	101	63695	5.018	ug/L 99
12) 1,1-Dichloroethene	2.36	96	62541	5.058	ug/L 98
13) Acetone	2.43	43	84765	50.094	ug/L 100
14) Carbon disulfide	2.55	76	210774	5.034	ug/L 98
15) Methyl Acetate	2.75	43	22897	4.794	ug/L 100
16) Methylene chloride	2.83	84	69935	4.553	ug/L 98
17) Methyl tert-butyl Ether	3.17	73	143911	5.105	ug/L 100
18) trans-1,2-Dichloroethene	3.14	96	69717	5.074	ug/L 97
19) 1,1-Dichloroethane	3.67	63	121790	4.987	ug/L 98
21) 2-Butanone	4.65	43	143464	49.682	ug/L 100
22) cis-1,2-Dichloroethene	4.56	96	72682	5.058	ug/L 99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX010521\
 Data File : VX020505.D
 Acq On : 05 Jan 2021 18:06
 Operator : JC/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VICV301

Quant Time: Jan 06 04:56:55 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SFAMXTR010521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 06 04:48:03 2021
 Response via : Initial Calibration

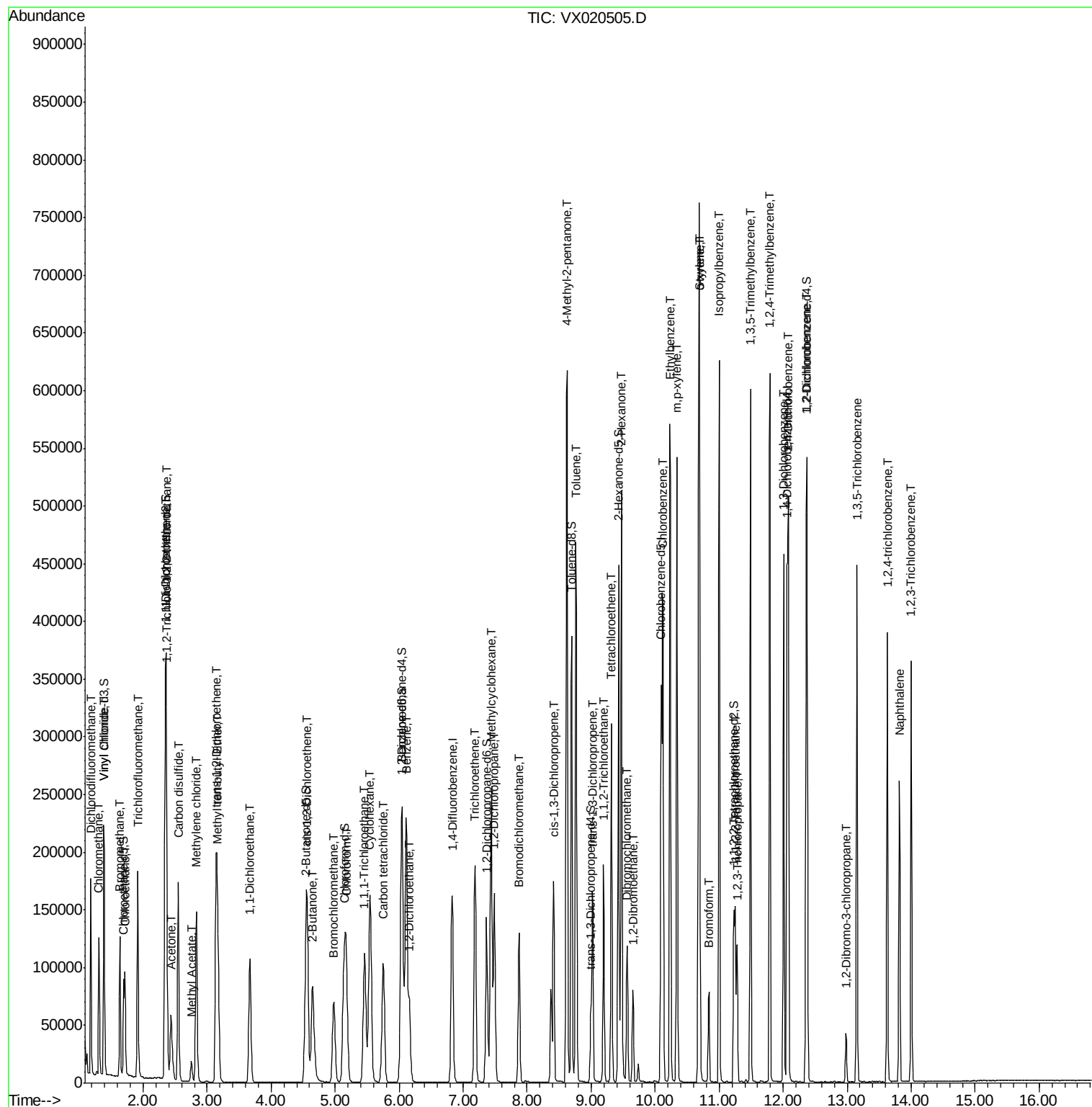
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.98	128	31962	5.011	ug/L	97
25) Chloroform	5.18	83	125744	4.885	ug/L	98
27) 1,2-Dichloroethane	6.16	62	74415	5.039	ug/L	98
29) 1,1,1-Trichloroethane	5.46	97	111043	5.056	ug/L	99
30) Cyclohexane	5.54	56	107379	5.171	ug/L	99
31) Carbon tetrachloride	5.75	117	93921	4.984	ug/L	99
33) Benzene	6.11	78	285918	5.052	ug/L	100
34) Trichloroethene	7.18	95	73303	5.002	ug/L	98
35) Methylcyclohexane	7.44	83	112645	5.093	ug/L	98
37) 1,2-Dichloropropane	7.49	63	68557	4.910	ug/L	99
38) Bromodichloromethane	7.87	83	83840	4.914	ug/L	100
39) cis-1,3-Dichloropropene	8.42	75	94548	4.996	ug/L	99
40) 4-Methyl-2-pentanone	8.62	43	346884	50.751	ug/L	100
42) Toluene	8.76	91	307214	5.217	ug/L	99
44) trans-1,3-Dichloropropene	9.02	75	80266	5.046	ug/L	97
45) 1,1,2-Trichloroethane	9.20	97	50071	5.083	ug/L	98
47) Tetrachloroethene	9.32	164	60547	5.094	ug/L	97
48) 2-Hexanone	9.47	43	260773	55.321	ug/L	99
49) Dibromochloromethane	9.56	129	52847	4.937	ug/L	97
50) 1,2-Dibromoethane	9.65	107	44652	5.053	ug/L	99
51) Chlorobenzene	10.12	112	191283	5.185	ug/L	99
52) Ethylbenzene	10.23	91	330110	5.388	ug/L	100
53) m,p-xylene	10.34	106	127705	5.482	ug/L	94
54) o-xylene	10.68	106	116876	5.267	ug/L	97
55) Styrene	10.70	104	197943	5.311	ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.25	83	56261	5.122	ug/L	100
59) Bromoform	10.84	173	28937	4.820	ug/L	97
60) Isopropylbenzene	11.00	105	316811	5.262	ug/L	100
61) 1,2,3-Trichloropropane	11.27	75	41621	4.961	ug/L	100
62) 1,3,5-Trimethylbenzene	11.49	105	262410	5.409	ug/L	100
63) 1,2,4-Trimethylbenzene	11.79	105	268865	5.541	ug/L	100
64) 1,3-Dichlorobenzene	12.01	146	150198	5.163	ug/L	97
65) 1,4-Dichlorobenzene	12.08	146	151213	5.145	ug/L	96
67) 1,2-Dichlorobenzene	12.37	146	139907	5.161	ug/L	98
68) 1,2-Dibromo-3-chloropropan	12.98	75	8506	4.723	ug/L	96
69) 1,3,5-Trichlorobenzene	13.15	180	112894	5.106	ug/L	98
70) 1,2,4-trichlorobenzene	13.63	180	97137	5.510	ug/L	98
71) Naphthalene	13.82	128	160662	5.552	ug/L	99
72) 1,2,3-Trichlorobenzene	14.00	180	86232	5.286	ug/L	97

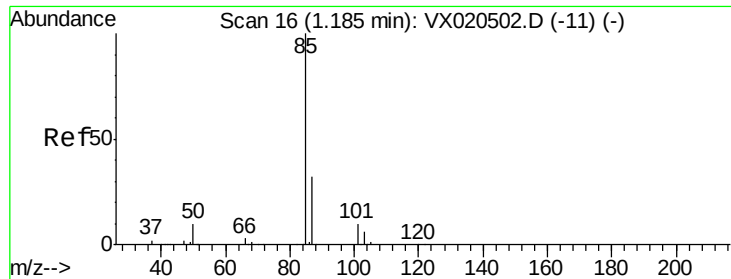
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX010521\
Data File : VX020505.D
Acq On : 05 Jan 2021 18:06
Operator : JC/MD
Sample : VSTDICV005
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VICV301

Quant Time: Jan 06 04:56:55 2021
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\SFAMXTR010521WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Jan 06 04:48:03 2021
Response via : Initial Calibration





#2

Dichlorodifluoromethane

Concen: 4.962 ug/L

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX020505.D

Acq: 05 Jan 2021 18:06

Instrument :

MSVOA_X

ClientSampled :

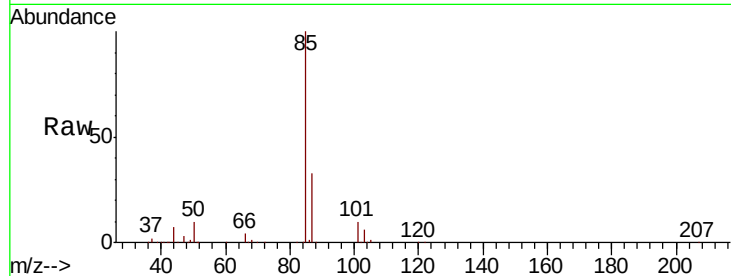
VICV301

Tot Ion: 85 Resp: 90139

Ion Ratio Lower Upper

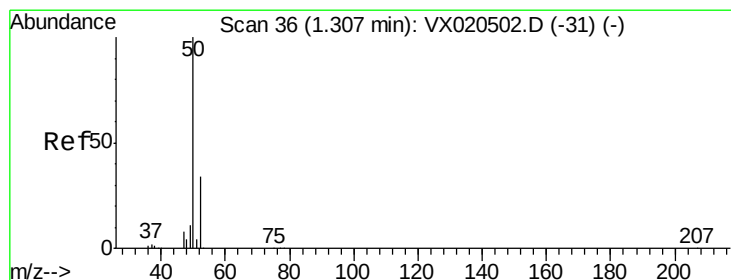
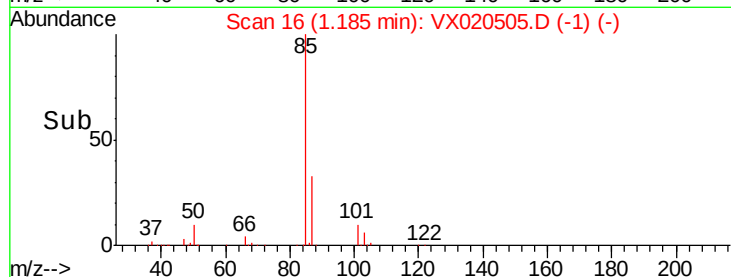
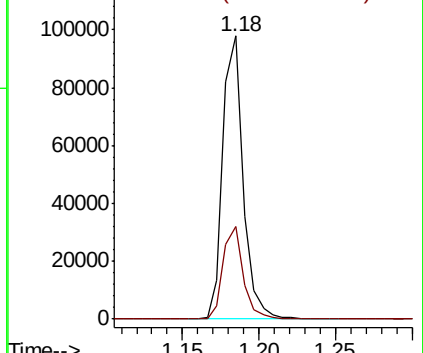
85 100

87 32.4 25.8 38.8



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#3

Chloromethane

Concen: 4.947 ug/L

RT: 1.31 min Scan# 36

Delta R.T. -0.00 min

Lab File: VX020505.D

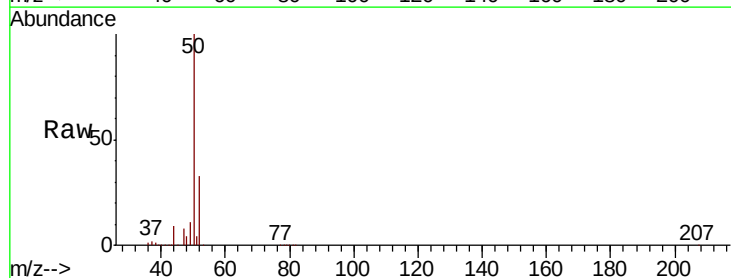
Acq: 05 Jan 2021 18:06

Tgt Ion: 50 Resp: 78363

Ion Ratio Lower Upper

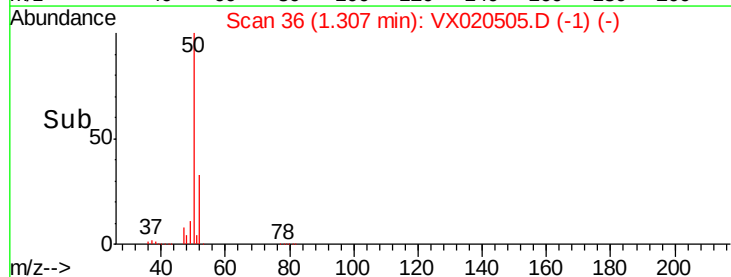
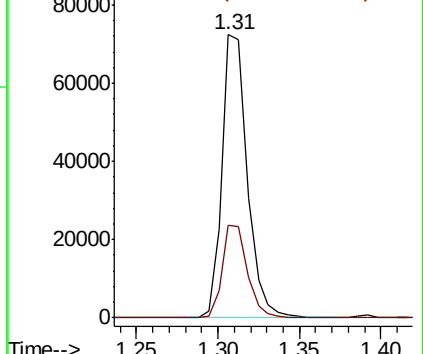
50 100

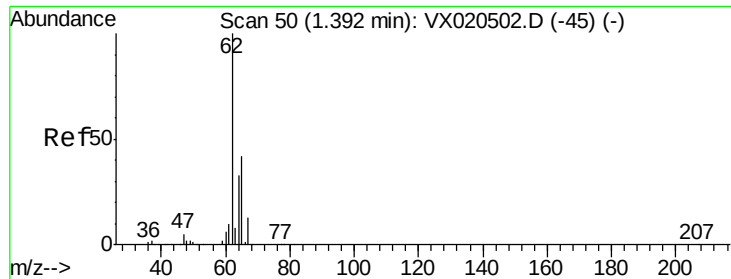
52 32.9 23.5 43.7



Abundance Ion 50.05 (49.75 to 50.75): VX0

Ion 52.05 (51.75 to 52.75): VX0





#5

Vinyl chloride

Concen: 4.992 ug/L

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX020505.D

Acq: 05 Jan 2021 18:06

Instrument :

MSVOA_X

ClientSampleId :

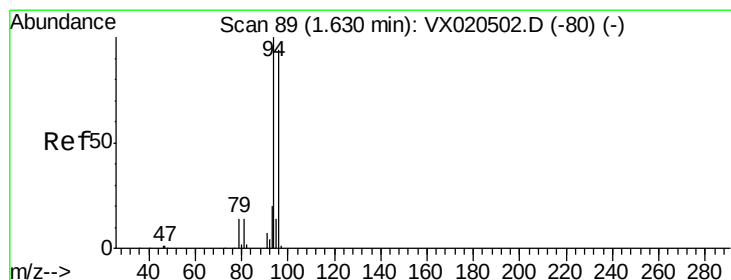
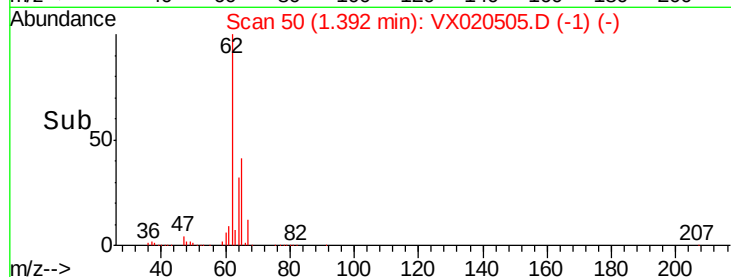
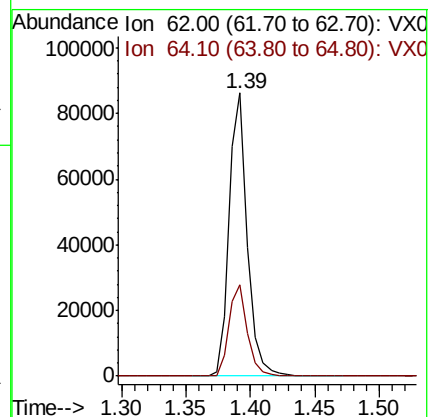
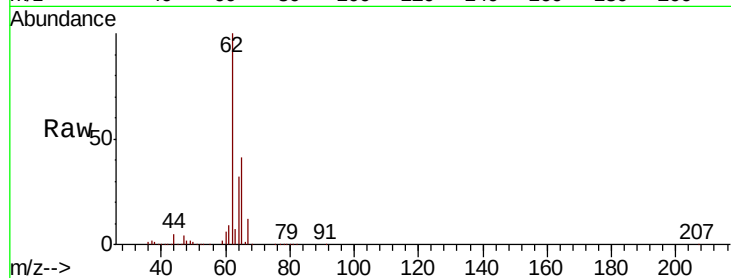
VICV301

Tot Ion: 62 Resp: 85880

Ion Ratio Lower Upper

62 100

64 32.5 23.2 43.2



#6

Bromomethane

Concen: 5.435 ug/L

RT: 1.64 min Scan# 90

Delta R.T. 0.01 min

Lab File: VX020505.D

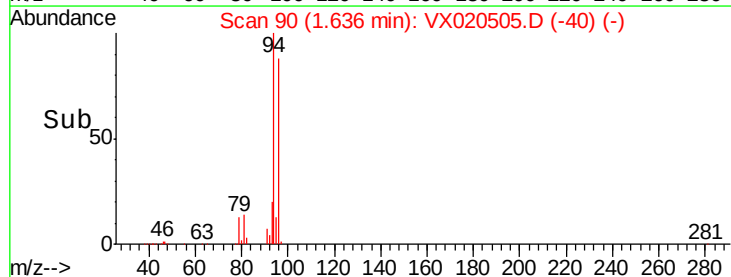
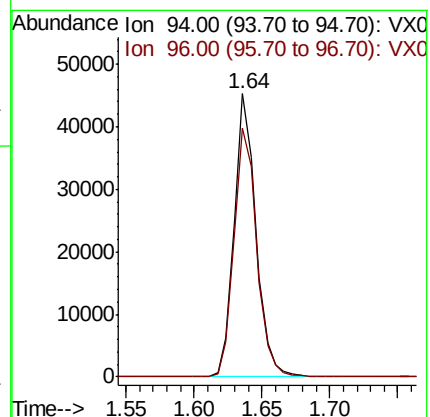
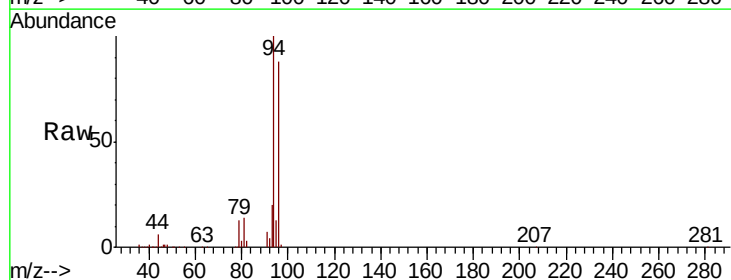
Acq: 05 Jan 2021 18:06

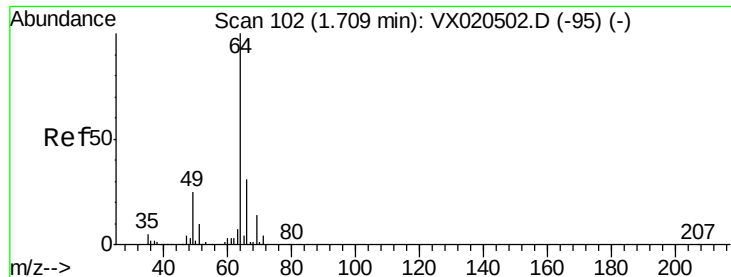
Tgt Ion: 94 Resp: 50458

Ion Ratio Lower Upper

94 100

96 87.7 65.7 121.9





#8

Chloroethane

Concen: 4.944 ug/L

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX020505.D

Acq: 05 Jan 2021 18:06

Instrument :

MSVOA_X

ClientSampleId :

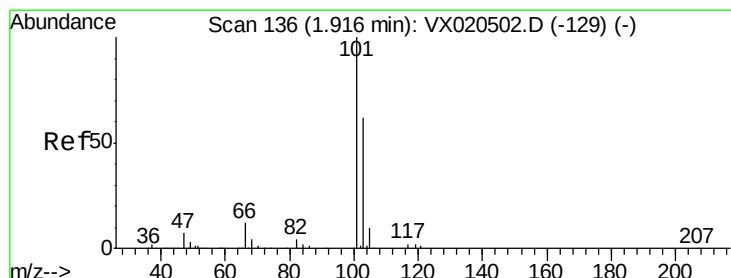
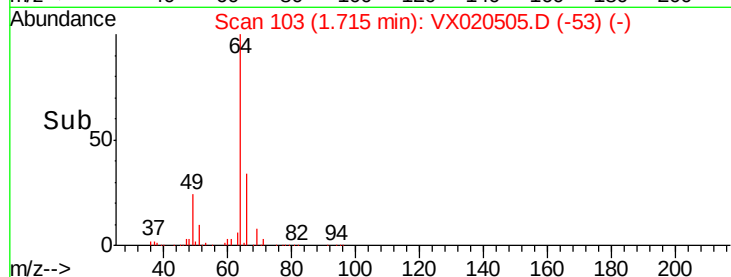
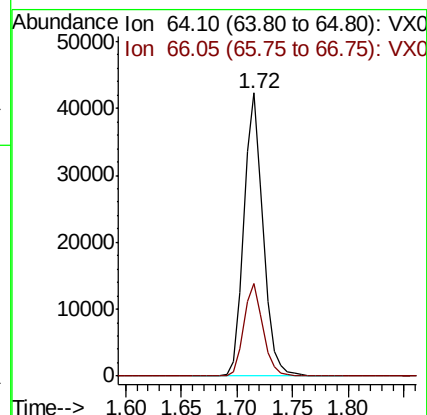
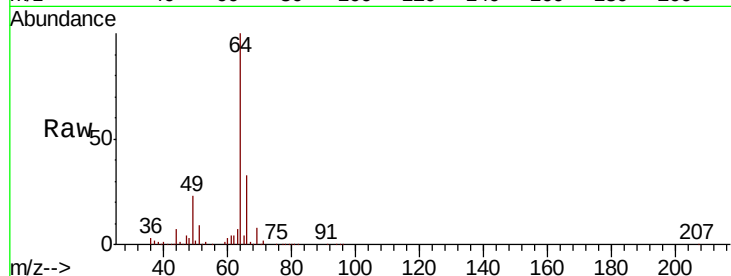
VICV301

Tot Ion: 64 Resp: 50468

Ion Ratio Lower Upper

64 100

66 32.8 21.4 39.8



#9

Trichlorofluoromethane

Concen: 5.030 ug/L

RT: 1.92 min Scan# 136

Delta R.T. -0.00 min

Lab File: VX020505.D

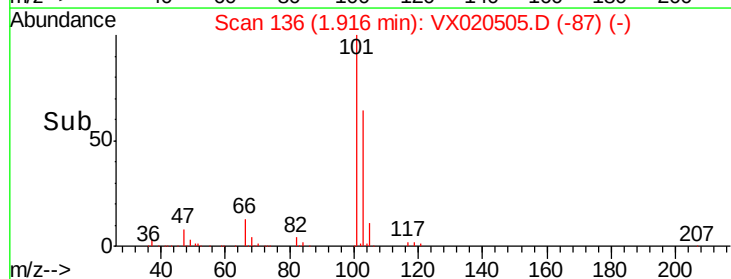
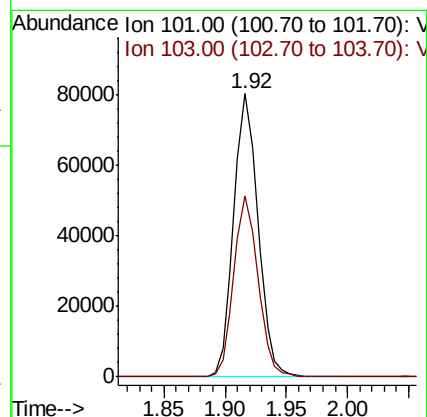
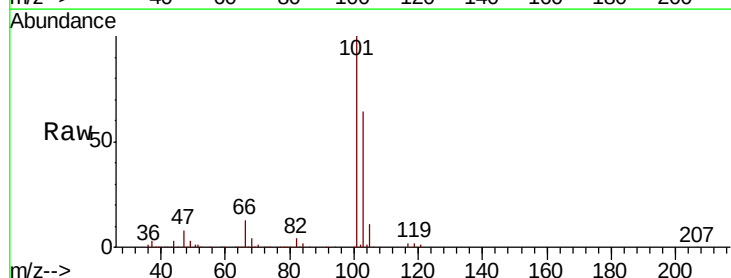
Acq: 05 Jan 2021 18:06

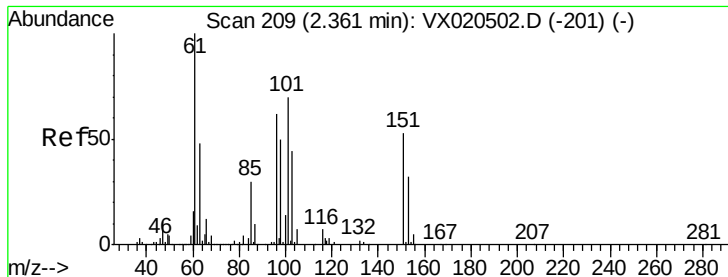
Tgt Ion: 101 Resp: 111016

Ion Ratio Lower Upper

101 100

103 63.8 51.0 76.6





#10

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

Concen: 5.018 ug/L

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX020505.D

Acq: 05 Jan 2021 18:06

Instrument :

MSVOA_X

ClientSampled :

VICV301

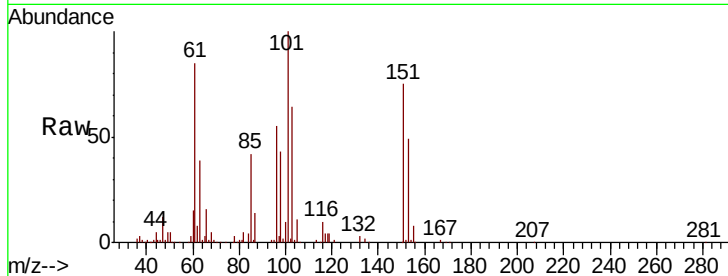
Tot Ion:101 Resp: 63695

Ion Ratio Lower Upper

101 100

85 43.6 34.9 52.3

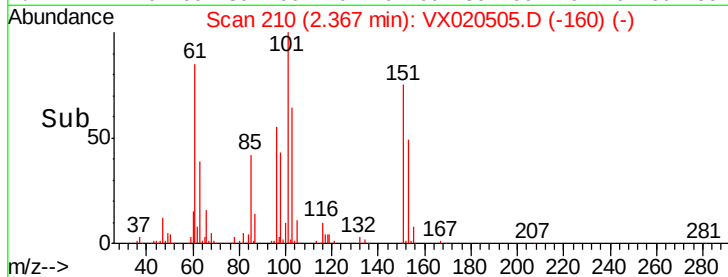
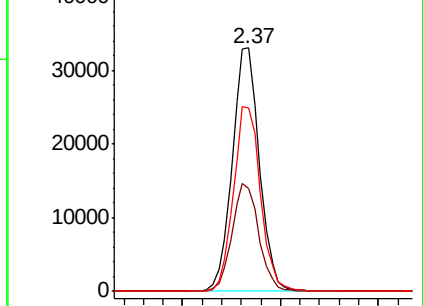
151 75.5 61.0 91.6



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: 5.058 ug/L

RT: 2.36 min Scan# 208

Delta R.T. -0.00 min

Lab File: VX020505.D

Acq: 05 Jan 2021 18:06

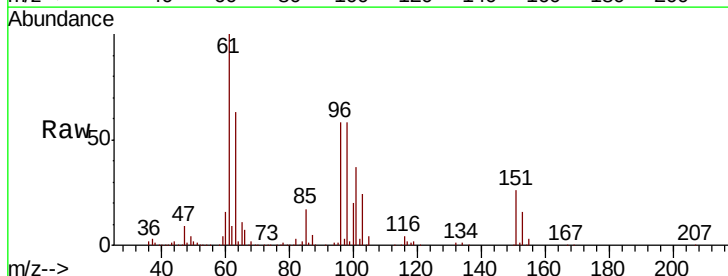
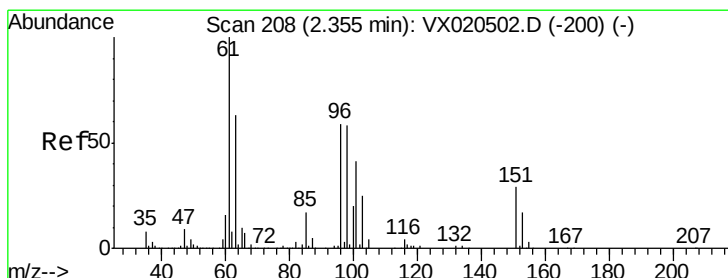
Tgt Ion: 96 Resp: 62541

Ion Ratio Lower Upper

96 100

61 171.9 118.2 219.6

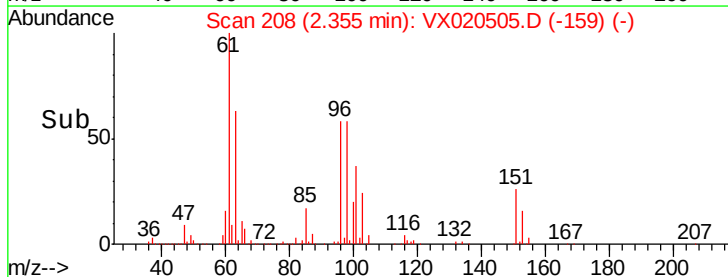
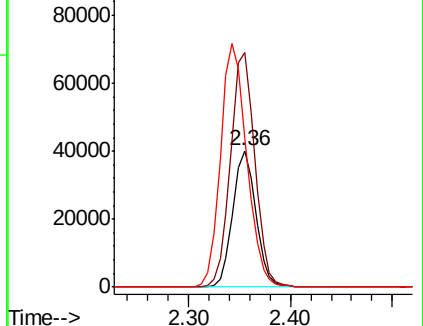
63 108.8 74.2 137.8

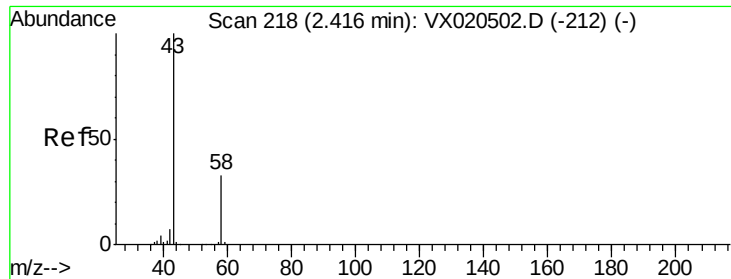


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.05 (60.75 to 61.75): VX0

Ion 63.00 (62.70 to 63.70): VX0

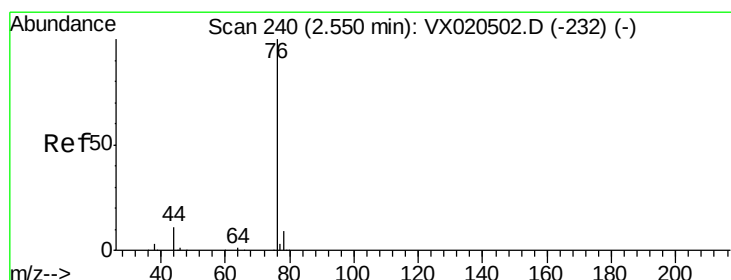
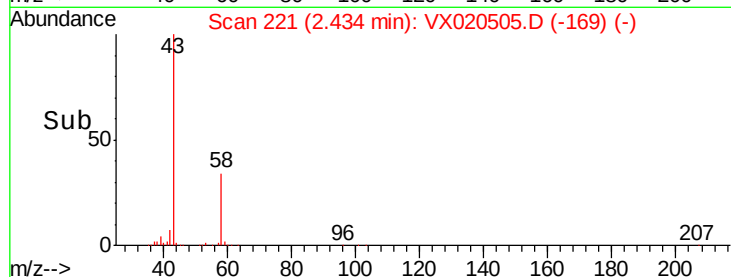
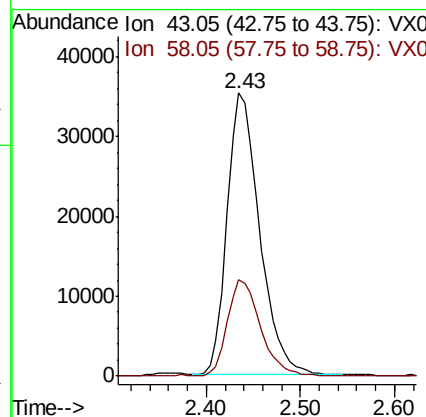
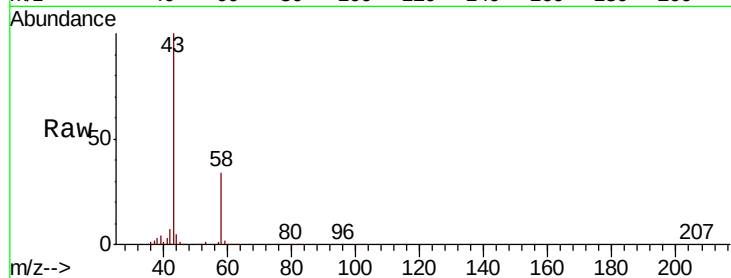




#13
Acetone
Concen: 50.094 ug/L
RT: 2.43 min Scan# 221
Delta R.T. 0.02 min
Lab File: VX020505.D
Acq: 05 Jan 2021 18:06

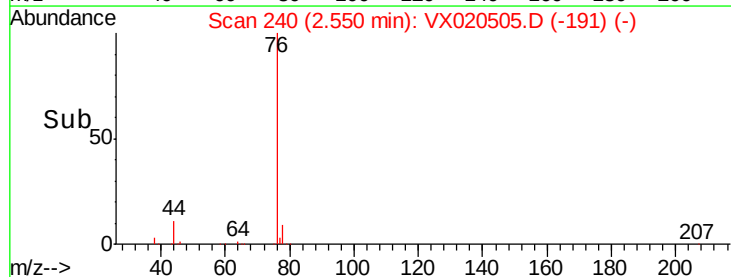
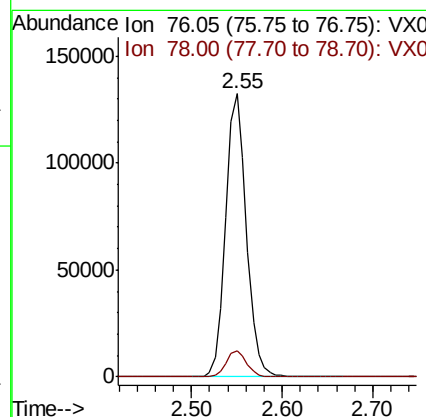
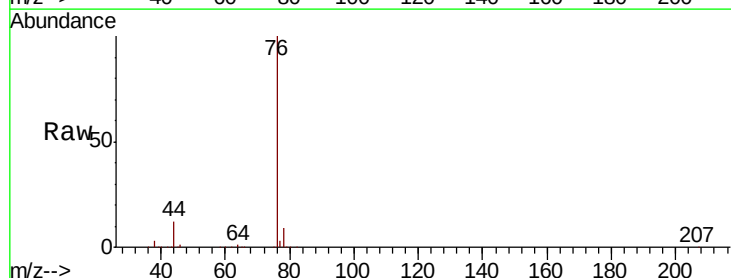
Instrument :
MSVOA_X
ClientSampleId :
VICV301

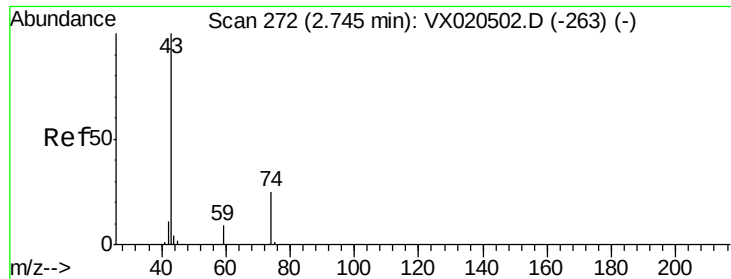
Tot Ion: 43 Resp: 84765
Ion Ratio Lower Upper
43 100
58 34.9 0.0 70.4



#14
Carbon disulfide
Concen: 5.034 ug/L
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX020505.D
Acq: 05 Jan 2021 18:06

Tgt Ion: 76 Resp: 210774
Ion Ratio Lower Upper
76 100
78 9.4 7.0 10.6

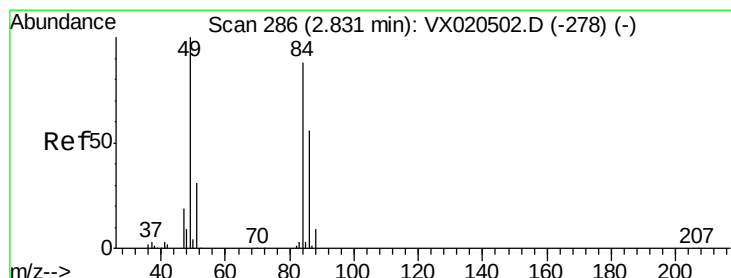
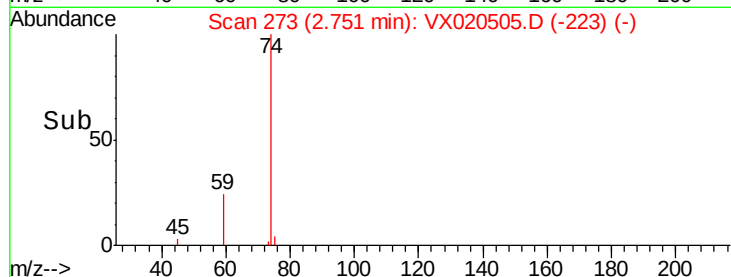
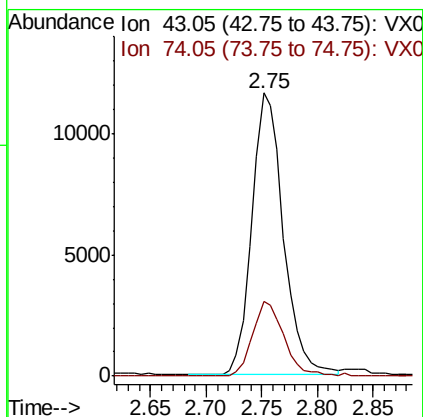
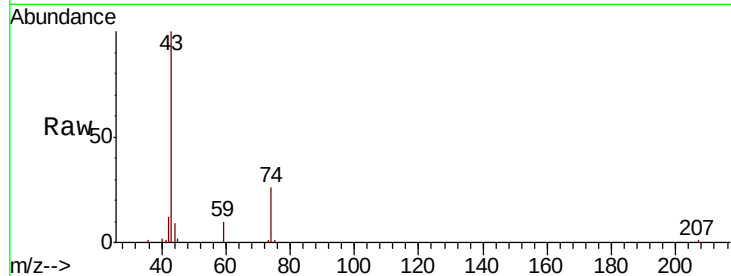




#15
Methyl Acetate
Concen: 4.794 ug/L
RT: 2.75 min Scan# 273
Delta R.T. 0.01 min
Lab File: VX020505.D
Acq: 05 Jan 2021 18:06

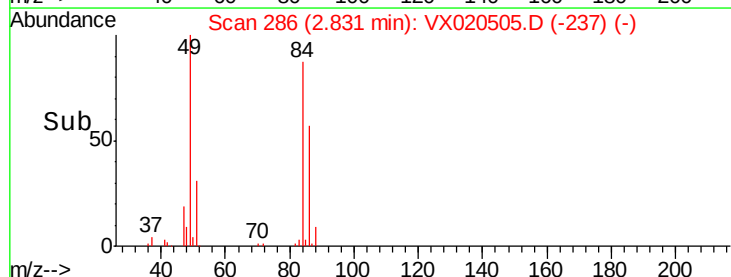
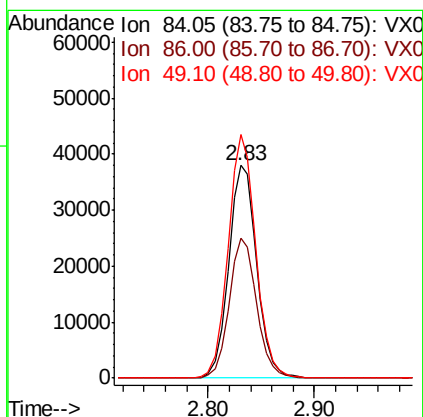
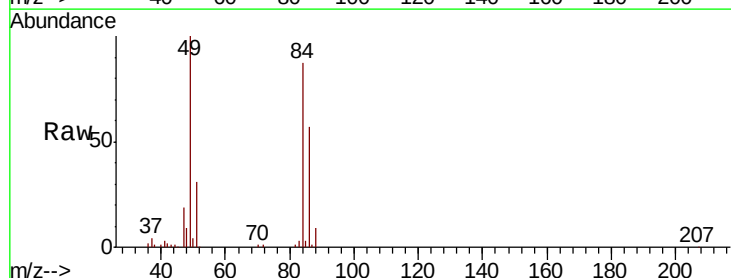
Instrument :
MSVOA_X
ClientSampled :
VICV301

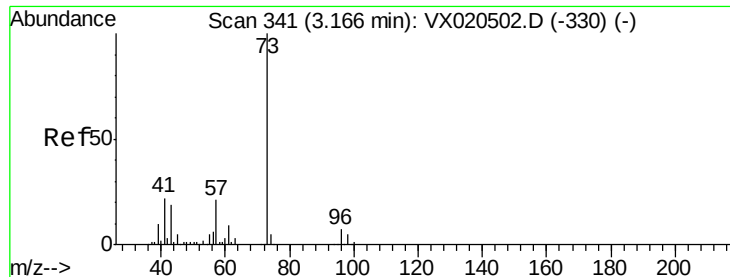
Tot Ion: 43 Resp: 22897
Ion Ratio Lower Upper
43 100
74 26.4 21.1 31.7



#16
Methylene chloride
Concen: 4.553 ug/L
RT: 2.83 min Scan# 286
Delta R.T. -0.00 min
Lab File: VX020505.D
Acq: 05 Jan 2021 18:06

Tgt Ion: 84 Resp: 69935
Ion Ratio Lower Upper
84 100
86 65.7 44.6 82.8
49 114.5 79.5 147.6

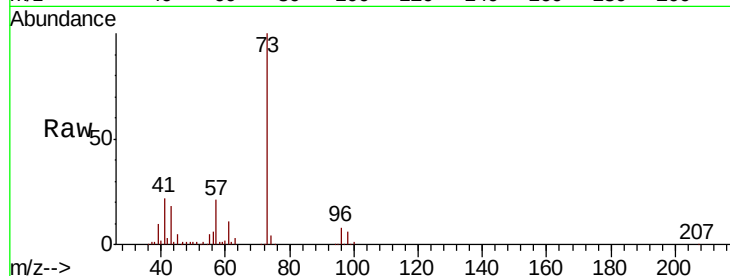




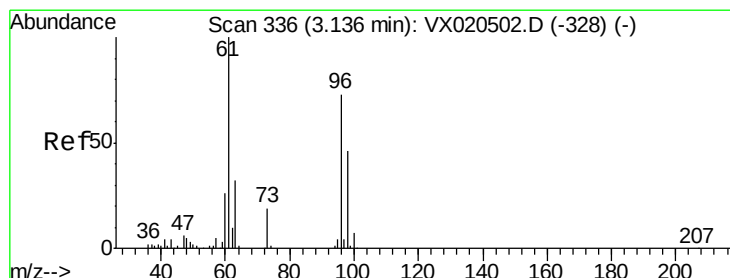
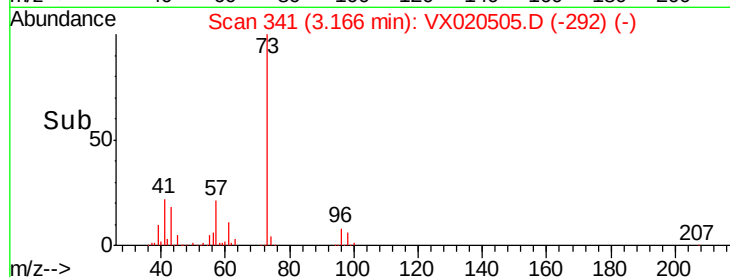
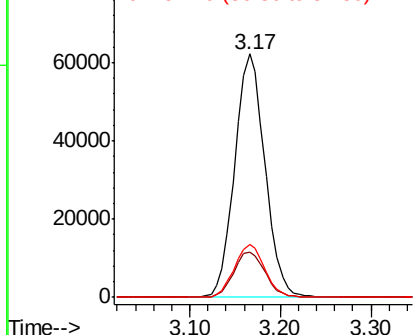
#17
Methyl tert-butyl Ether
Concen: 5.105 ug/L
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX020505.D
Acq: 05 Jan 2021 18:06

Instrument :
MSVOA_X
ClientSampled :
VICV301

Tot Ion: 73 Resp: 143911
Ion Ratio Lower Upper
73 100
43 19.3 15.1 22.7
57 21.8 17.4 26.2

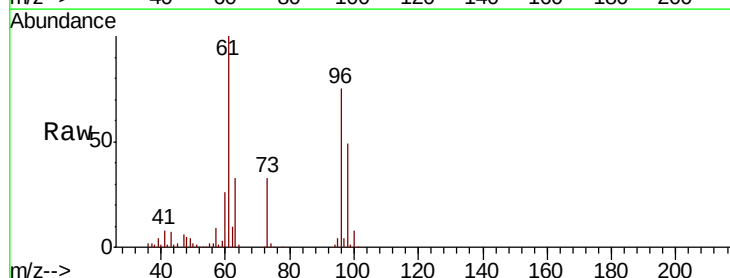


Abundance Ion 73.10 (72.80 to 73.80): VX0
Ion 43.05 (42.75 to 43.75): VX0
Ion 57.10 (56.80 to 57.80): VX0

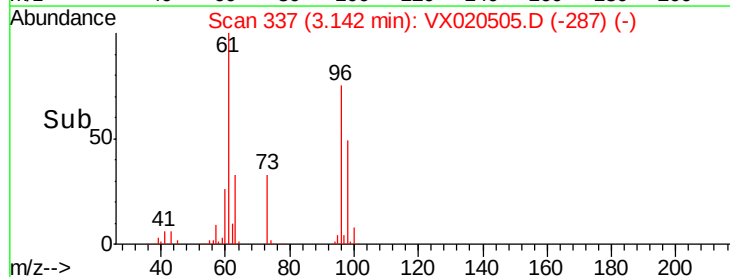
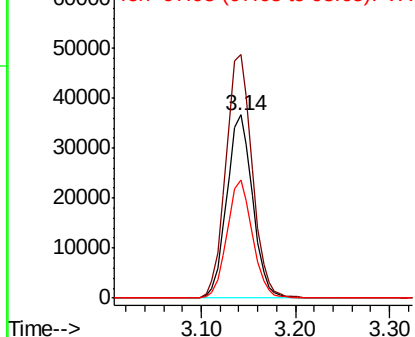


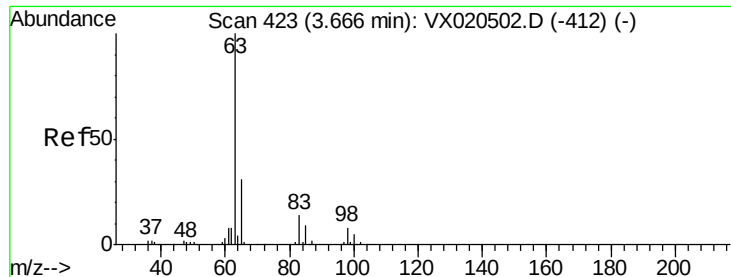
#18
trans-1,2-Dichloroethene
Concen: 5.074 ug/L
RT: 3.14 min Scan# 337
Delta R.T. 0.01 min
Lab File: VX020505.D
Acq: 05 Jan 2021 18:06

Tgt Ion: 96 Resp: 69717
Ion Ratio Lower Upper
96 100
61 133.0 95.4 177.2
98 64.8 44.2 82.2



Abundance Ion 96.00 (95.70 to 96.70): VX0
Ion 61.05 (60.75 to 61.75): VX0
Ion 97.95 (97.65 to 98.65): VX0

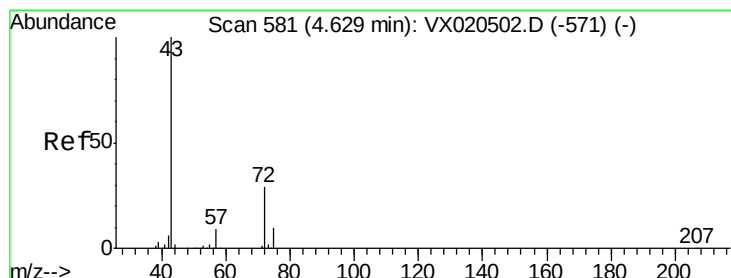
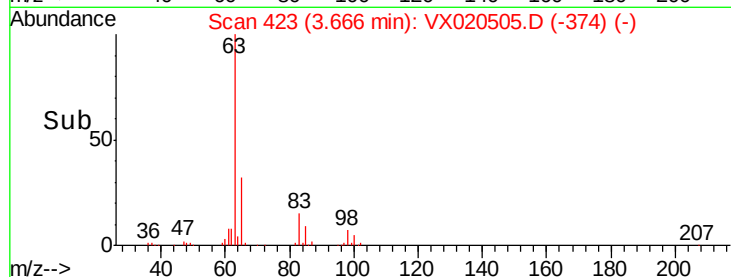
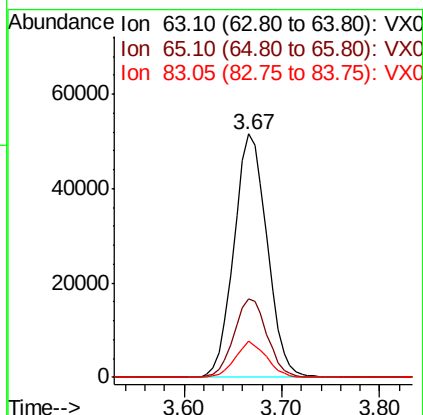
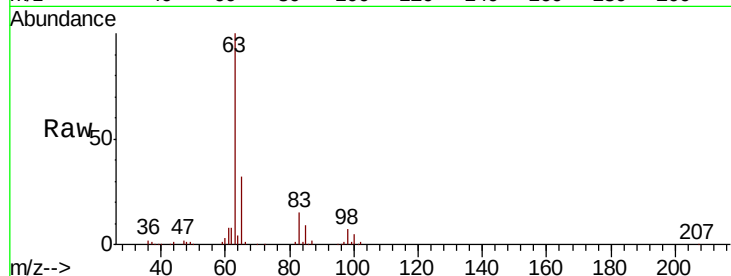




#19
 1,1-Dichloroethane
 Concen: 4.987 ug/L
 RT: 3.67 min Scan# 423
 Delta R.T. -0.00 min
 Lab File: VX020505.D
 Acq: 05 Jan 2021 18:06

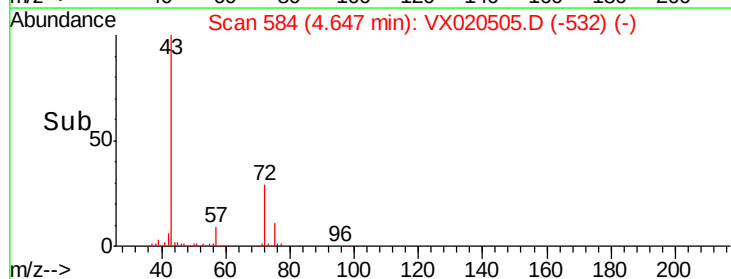
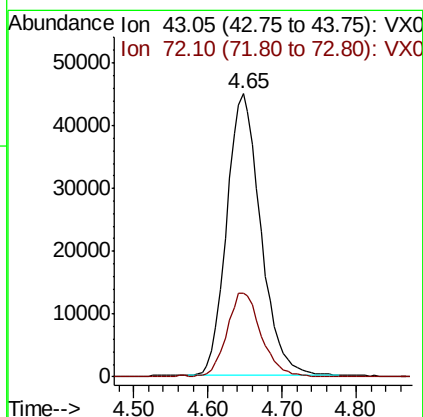
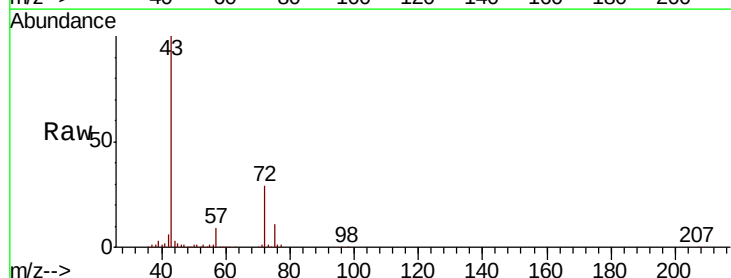
Instrument :
 MSVOA_X
 ClientSampleId :
 VICV301

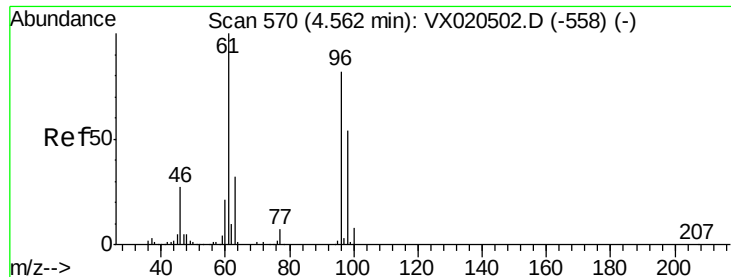
Tot Ion: 63 Resp: 121790
 Ion Ratio Lower Upper
 63 100
 65 32.5 21.8 40.6
 83 14.7 9.6 17.8



#21
 2-Butanone
 Concen: 49.682 ug/L
 RT: 4.65 min Scan# 584
 Delta R.T. 0.02 min
 Lab File: VX020505.D
 Acq: 05 Jan 2021 18:06

Tgt Ion: 43 Resp: 143464
 Ion Ratio Lower Upper
 43 100
 72 29.8 14.8 44.4



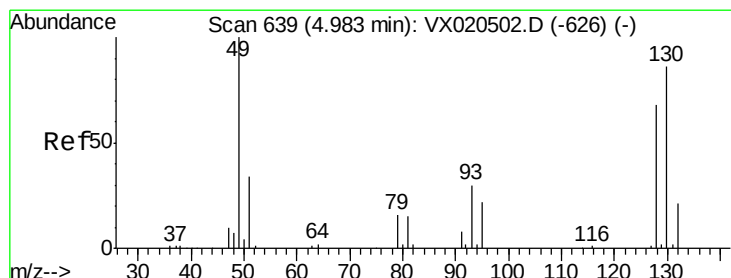
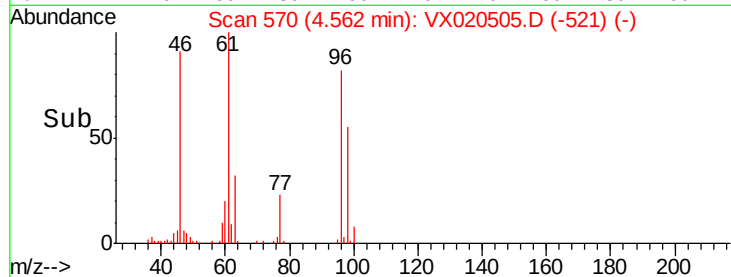
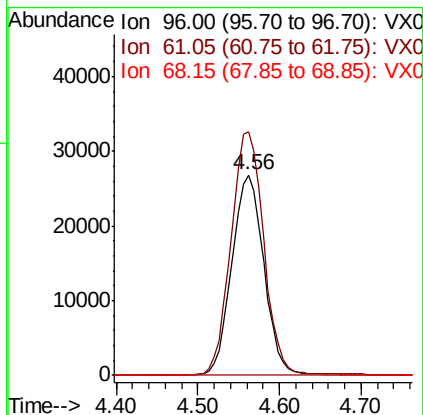
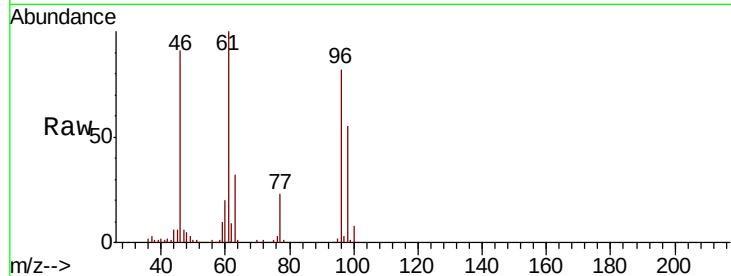


#22

cis-1,2-Dichloroethene
Concen: 5.058 ug/L
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX020505.D
Acq: 05 Jan 2021 18:06

Instrument :
MSVOA_X
ClientSampleId :
VICV301

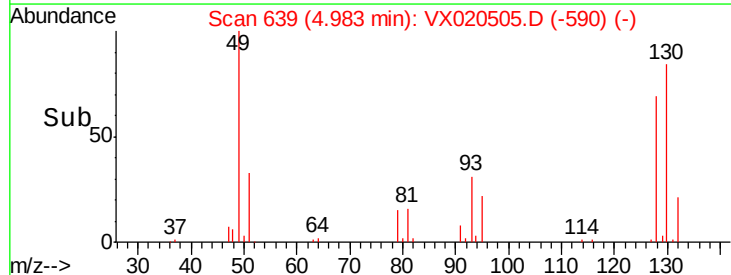
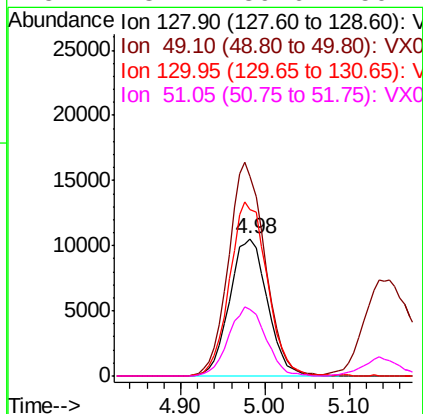
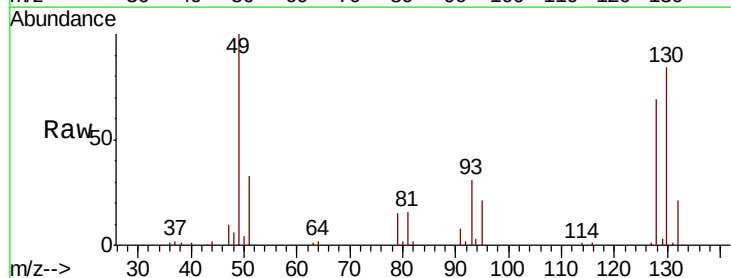
Tot Ion: 96 Resp: 72682
Ion Ratio Lower Upper
96 100
61 121.5 85.9 159.5
68 0.0 0.0 0.0

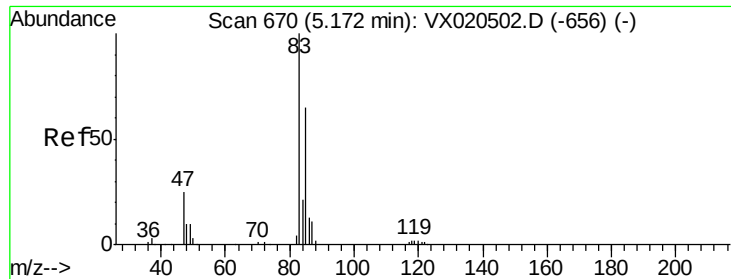


#23

Bromochloromethane
Concen: 5.011 ug/L
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX020505.D
Acq: 05 Jan 2021 18:06

Tgt Ion: 128 Resp: 31962
Ion Ratio Lower Upper
128 100
49 145.0 103.2 191.6
130 121.6 89.1 165.5
51 48.1 39.6 59.4

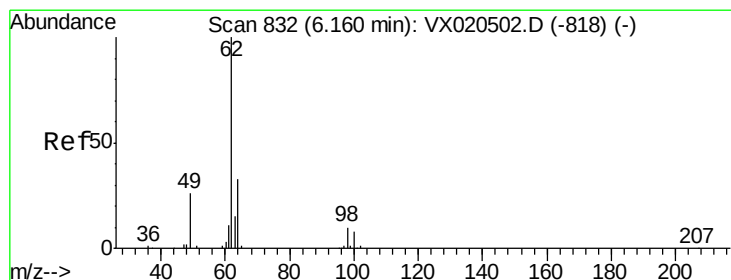
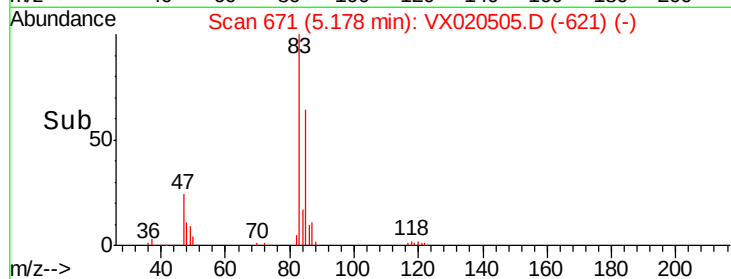
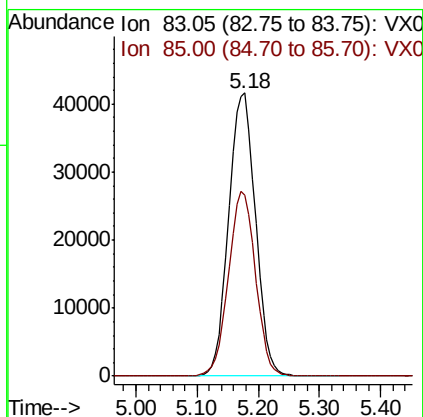
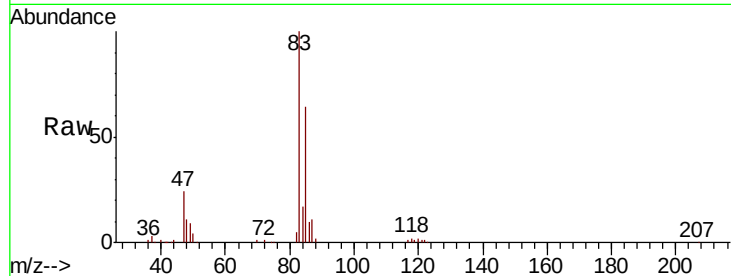




#25
Chloroform
Concen: 4.885 ug/L
RT: 5.18 min Scan# 671
Delta R.T. 0.01 min
Lab File: VX020505.D
Acq: 05 Jan 2021 18:06

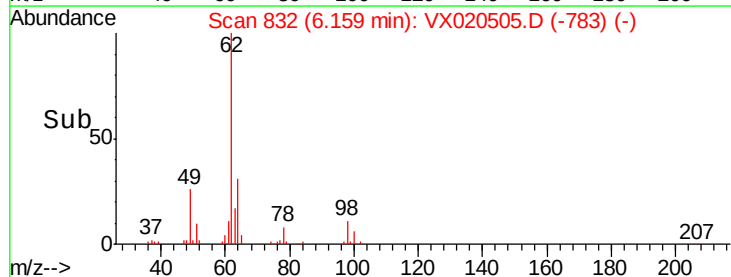
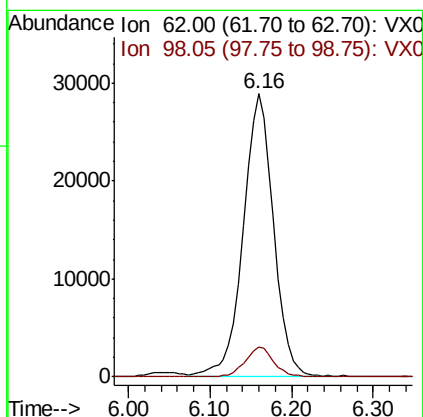
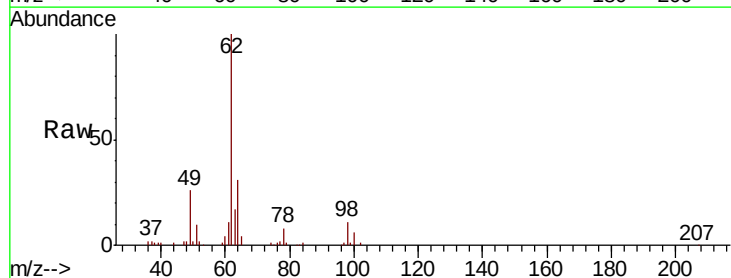
Instrument :
MSVOA_X
ClientSampleId :
VICV301

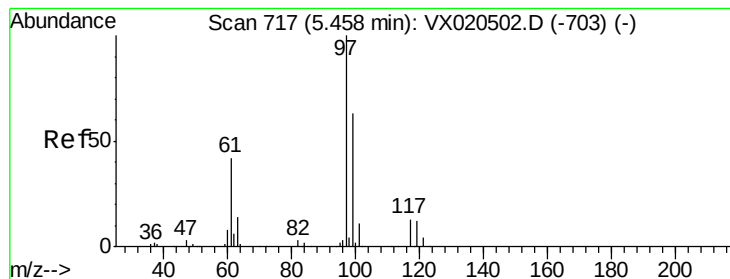
Tot Ion: 83 Resp: 125744
Ion Ratio Lower Upper
83 100
85 64.0 45.6 84.8



#27
1,2-Dichloroethane
Concen: 5.039 ug/L
RT: 6.16 min Scan# 832
Delta R.T. -0.00 min
Lab File: VX020505.D
Acq: 05 Jan 2021 18:06

Tgt Ion: 62 Resp: 74415
Ion Ratio Lower Upper
62 100
98 10.7 7.9 11.9





#29

1,1,1-Trichloroethane

Concen: 5.056 ug/L

RT: 5.46 min Scan# 717

Delta R.T. -0.00 min

Lab File: VX020505.D

Acq: 05 Jan 2021 18:06

Instrument :

MSVOA_X

ClientSampleId :

VICV301

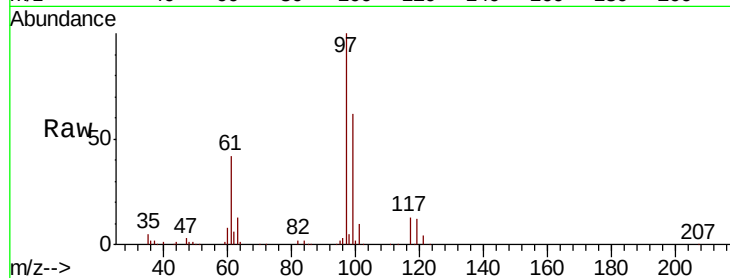
Tot Ion: 97 Resp: 111043

Ion Ratio Lower Upper

97 100

99 63.5 51.2 76.8

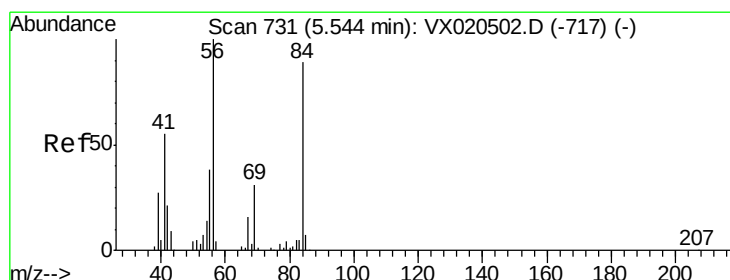
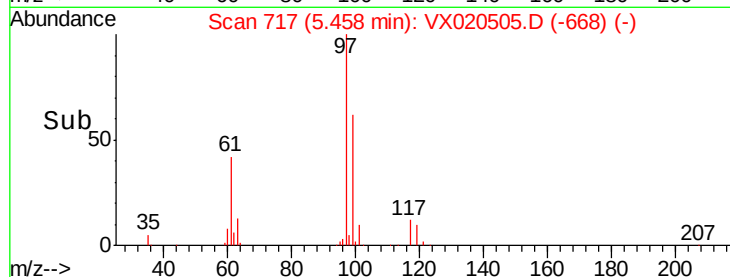
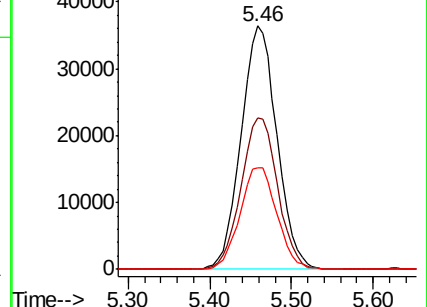
61 43.1 35.3 52.9



Abundance Ion 96.95 (96.65 to 97.65): VX0

Ion 99.05 (98.75 to 99.75): VX0

Ion 61.05 (60.75 to 61.75): VX0



#30

Cyclohexane

Concen: 5.171 ug/L

RT: 5.54 min Scan# 731

Delta R.T. -0.00 min

Lab File: VX020505.D

Acq: 05 Jan 2021 18:06

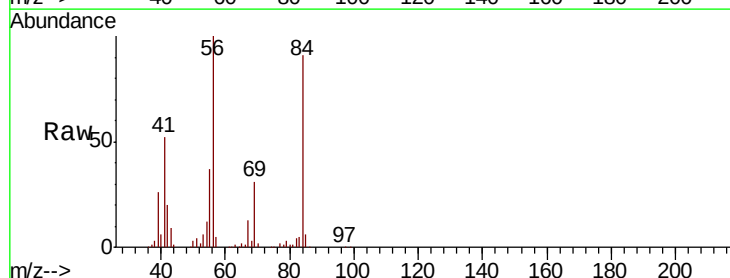
Tgt Ion: 56 Resp: 107379

Ion Ratio Lower Upper

56 100

69 32.3 25.8 38.6

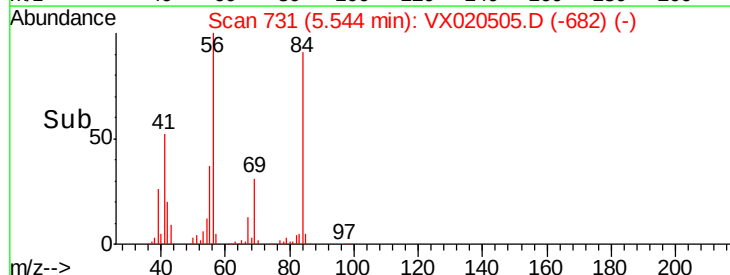
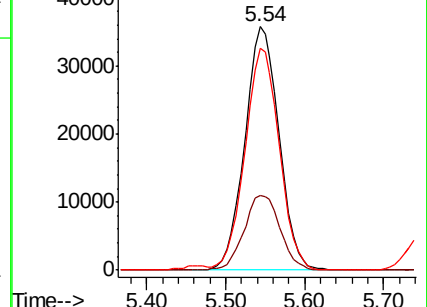
84 91.9 72.4 108.6

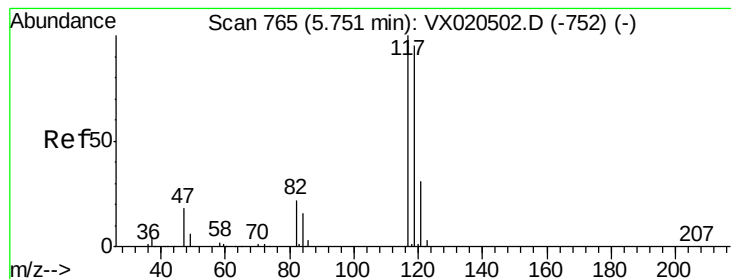


Abundance Ion 56.10 (55.80 to 56.80): VX0

Ion 69.15 (68.85 to 69.85): VX0

Ion 84.15 (83.85 to 84.85): VX0





#31

Carbon tetrachloride

Concen: 4.984 ug/L

RT: 5.75 min Scan# 765

Delta R.T. -0.00 min

Lab File: VX020505.D

Acq: 05 Jan 2021 18:06

Instrument :

MSVOA_X

ClientSampleId :

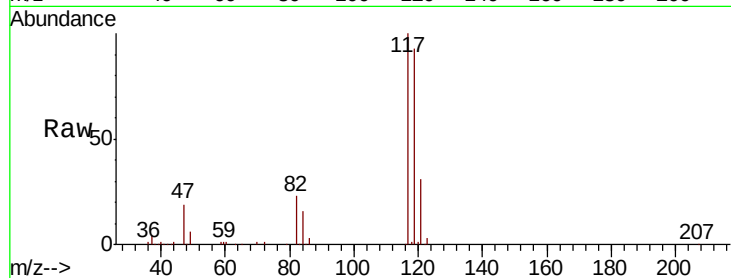
VICV301

Tot Ion:117 Resp: 93921

Ion Ratio Lower Upper

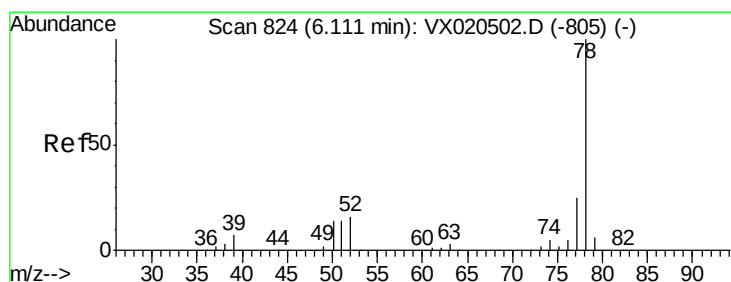
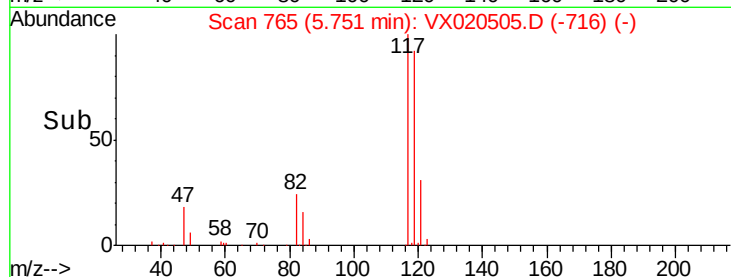
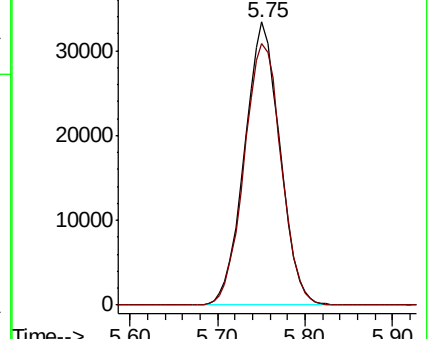
117 100

119 96.7 76.2 114.4



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V



#33

Benzene

Concen: 5.052 ug/L

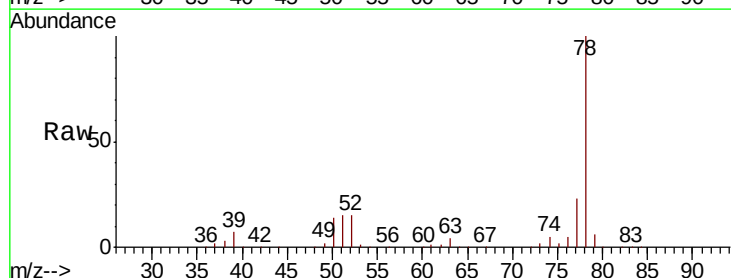
RT: 6.11 min Scan# 824

Delta R.T. -0.00 min

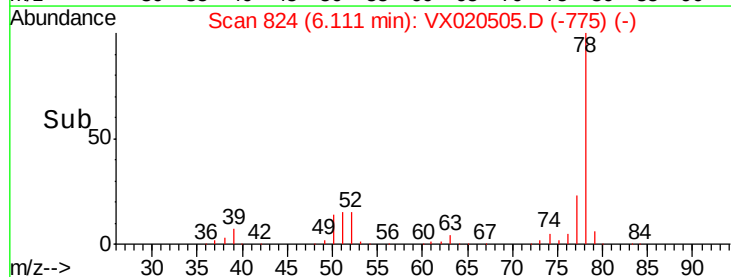
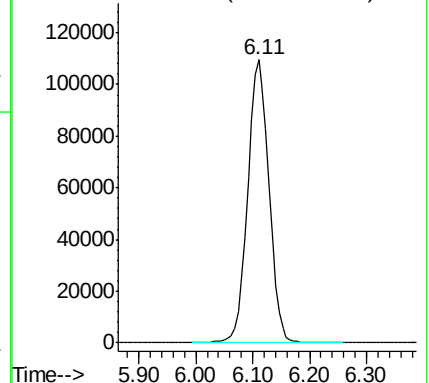
Lab File: VX020505.D

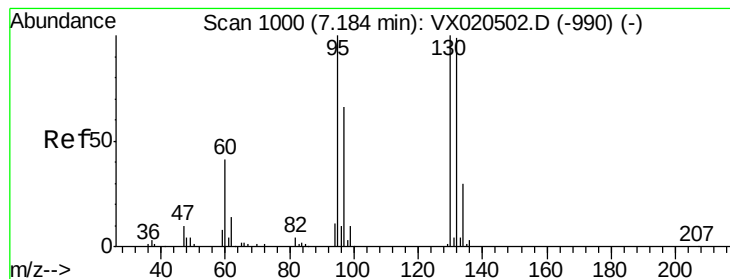
Acq: 05 Jan 2021 18:06

Tgt Ion: 78 Resp: 285918



Abundance Ion 78.10 (77.80 to 78.80): VX0





#34

Trichloroethene

Concen: 5.002 ug/L

RT: 7.18 min Scan# 1000

Delta R.T. -0.00 min

Lab File: VX020505.D

Acq: 05 Jan 2021 18:06

Instrument :

MSVOA_X

ClientSampled :

VICV301

Tot Ion: 95 Resp: 73303

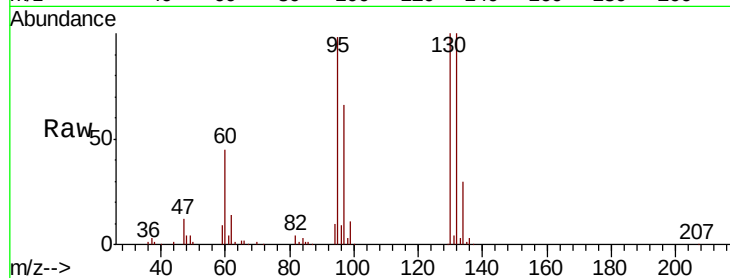
Ion Ratio Lower Upper

95 100

97 67.2 46.0 85.4

132 101.5 69.0 128.1

130 101.3 69.7 129.4

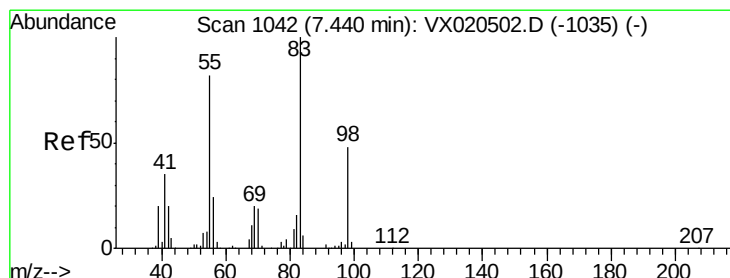
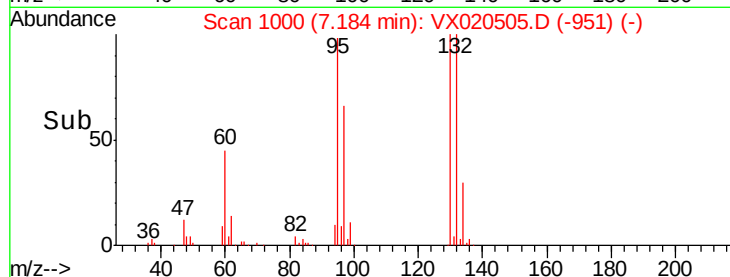
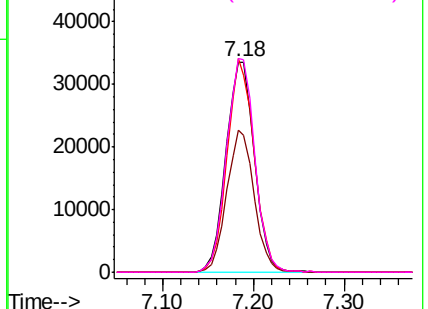


Abundance Ion 95.00 (94.70 to 95.70): VX0

Ion 96.95 (96.65 to 97.65): VX0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#35

Methylcyclohexane

Concen: 5.093 ug/L

RT: 7.44 min Scan# 1042

Delta R.T. -0.00 min

Lab File: VX020505.D

Acq: 05 Jan 2021 18:06

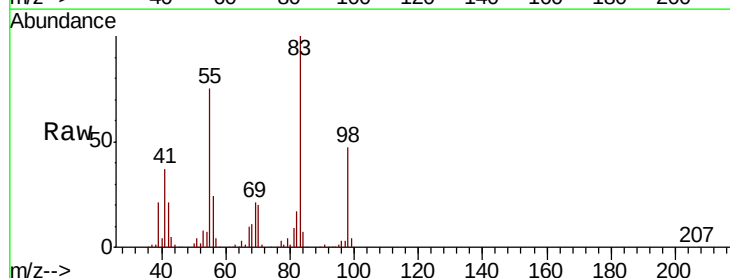
Tgt Ion: 83 Resp: 112645

Ion Ratio Lower Upper

83 100

55 77.0 63.4 95.0

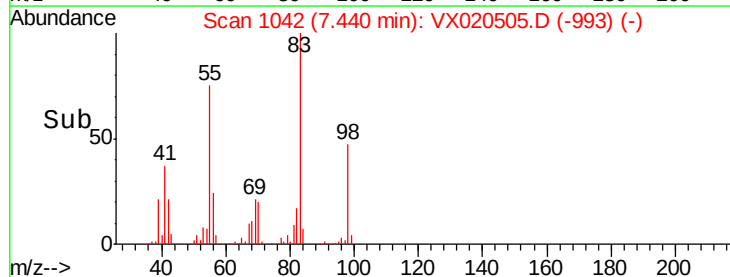
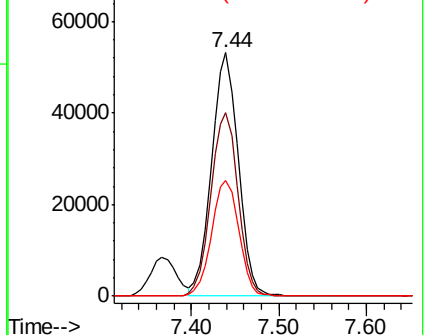
98 48.9 39.2 58.8

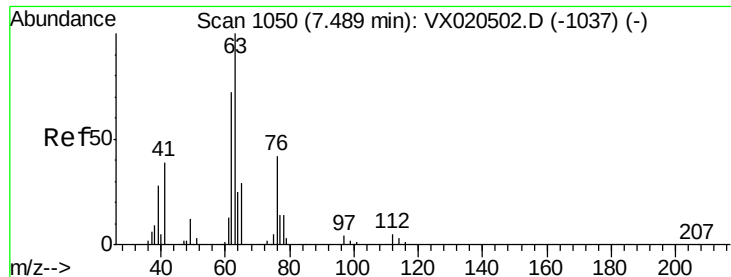


Abundance Ion 83.15 (82.85 to 83.85): VX0

Ion 55.10 (54.80 to 55.80): VX0

Ion 98.15 (97.85 to 98.85): VX0

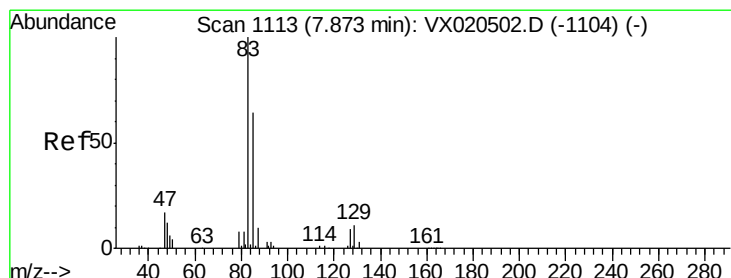
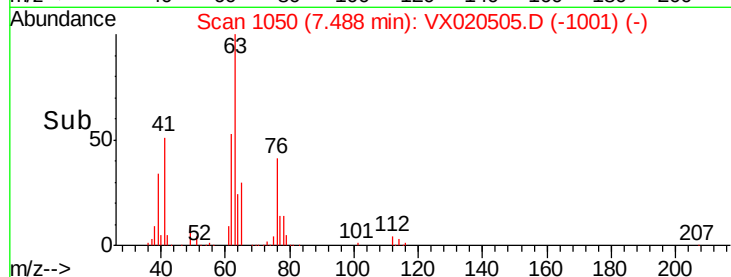
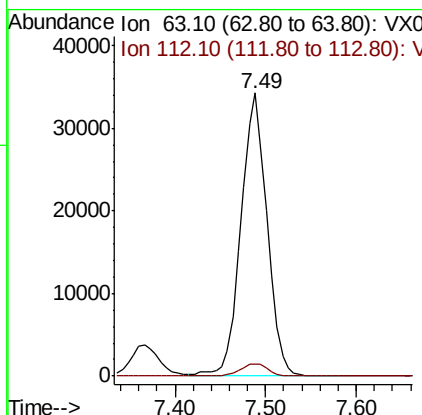
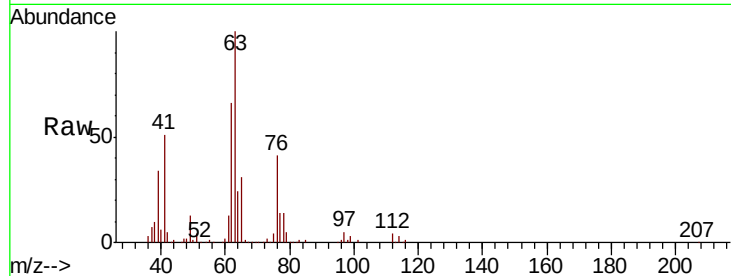




#37
 1,2-Dichloropropane
 Concen: 4.910 ug/L
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VX020505.D
 Acq: 05 Jan 2021 18:06

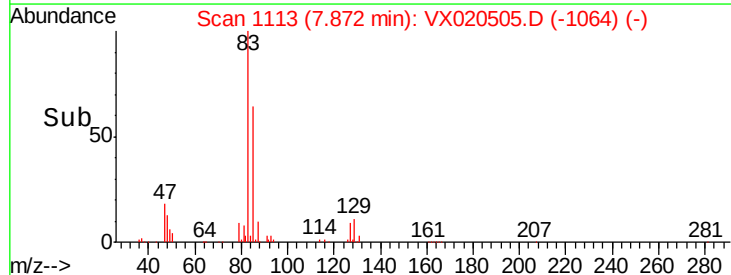
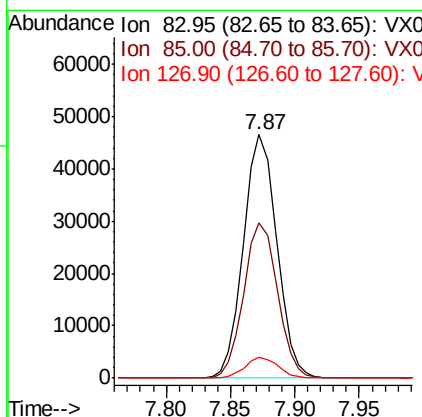
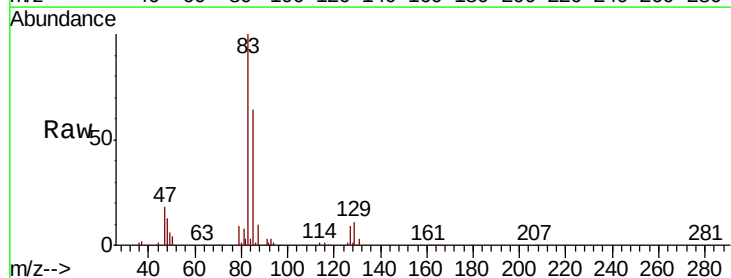
Instrument :
 MSVOA_X
 ClientSampleId :
 VICV301

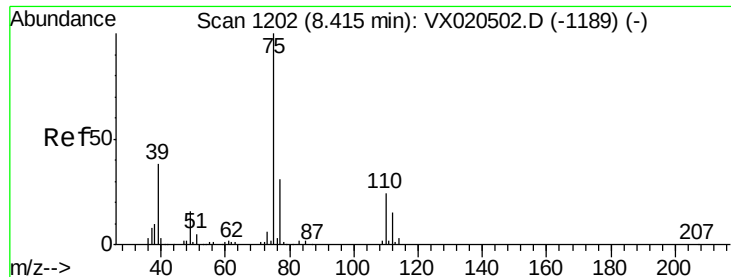
Tot Ion: 63 Resp: 68557
 Ion Ratio Lower Upper
 63 100
 112 4.6 3.9 5.9



#38
 Bromodichloromethane
 Concen: 4.914 ug/L
 RT: 7.87 min Scan# 1113
 Delta R.T. -0.00 min
 Lab File: VX020505.D
 Acq: 05 Jan 2021 18:06

Tgt Ion: 83 Resp: 83840
 Ion Ratio Lower Upper
 83 100
 85 63.9 44.6 82.8
 127 8.7 7.0 10.4

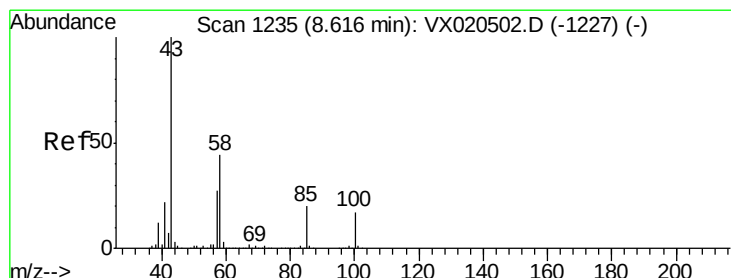
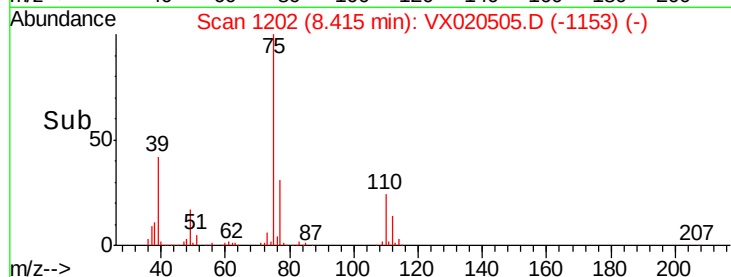
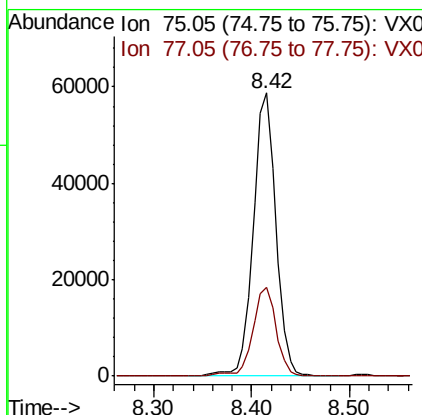
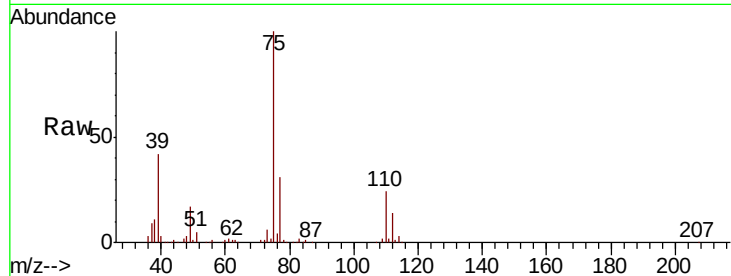




#39
 cis-1,3-Dichloropropene
 Concen: 4.996 ug/L
 RT: 8.42 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: VX020505.D
 Acq: 05 Jan 2021 18:06

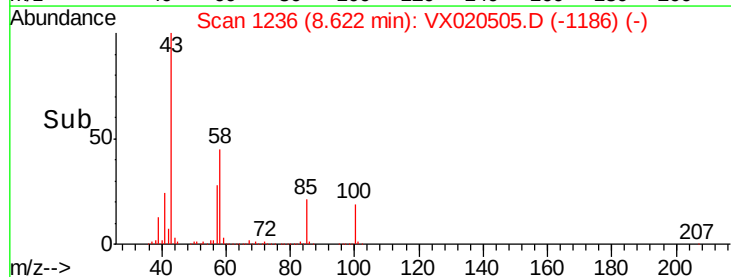
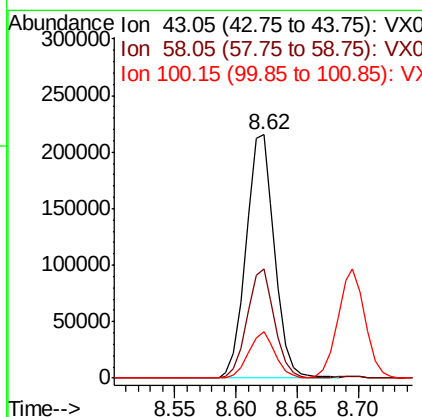
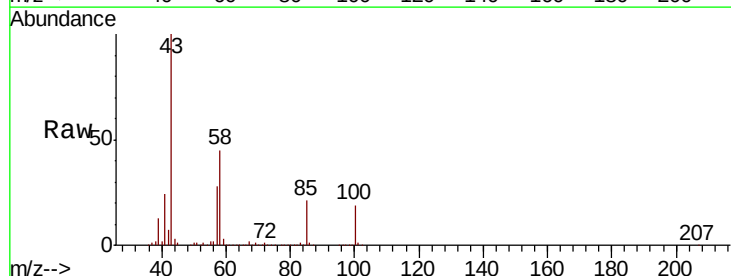
Instrument :
 MSVOA_X
 ClientSampleId :
 VICV301

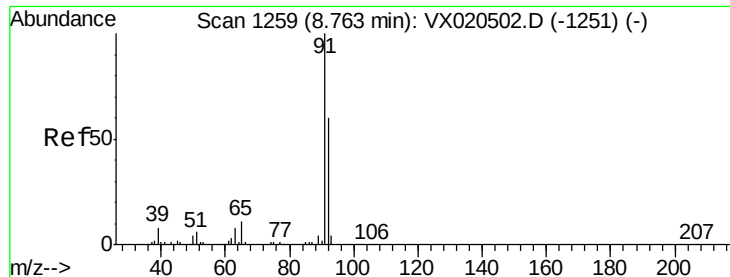
Tot Ion: 75 Resp: 94548
 Ion Ratio Lower Upper
 75 100
 77 31.4 21.6 40.0



#40
 4-Methyl-2-pentanone
 Concen: 50.751 ug/L
 RT: 8.62 min Scan# 1236
 Delta R.T. 0.01 min
 Lab File: VX020505.D
 Acq: 05 Jan 2021 18:06

Tgt Ion: 43 Resp: 346884
 Ion Ratio Lower Upper
 43 100
 58 43.4 35.0 52.4
 100 17.9 14.3 21.5





#42

Toluene

Concen: 5.217 ug/L

RT: 8.76 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VX020505.D

Acq: 05 Jan 2021 18:06

Instrument :

MSVOA_X

ClientSampleId :

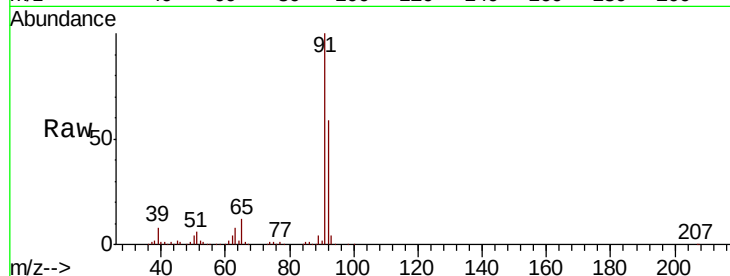
VICV301

Tot Ion: 91 Resp: 307214

Ion Ratio Lower Upper

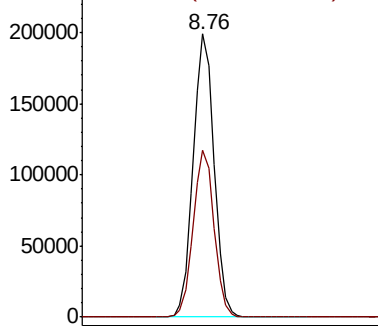
91 100

92 59.0 42.1 78.1

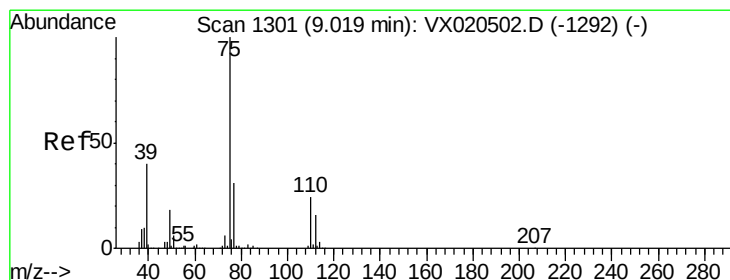
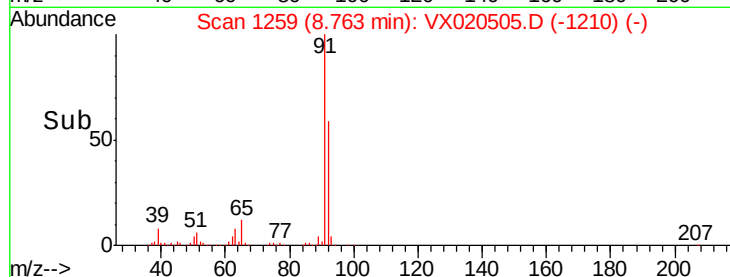


Abundance Ion 91.15 (90.85 to 91.85): VX0

Ion 92.15 (91.85 to 92.85): VX0



Time-->



#44

trans-1,3-Dichloropropene

Concen: 5.046 ug/L

RT: 9.02 min Scan# 1301

Delta R.T. -0.00 min

Lab File: VX020505.D

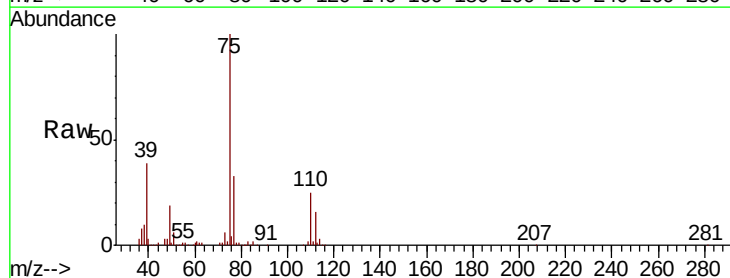
Acq: 05 Jan 2021 18:06

Tgt Ion: 75 Resp: 80266

Ion Ratio Lower Upper

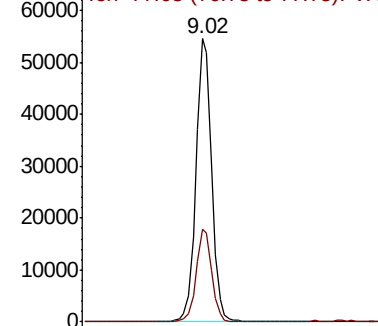
75 100

77 32.7 21.7 40.3

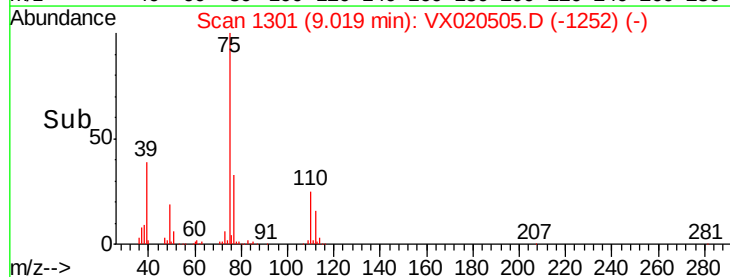


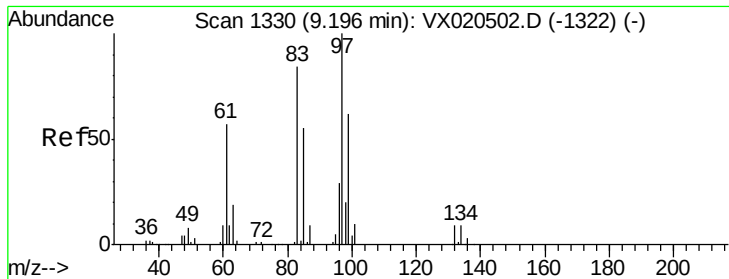
Abundance Ion 75.05 (74.75 to 75.75): VX0

Ion 77.05 (76.75 to 77.75): VX0



Time-->

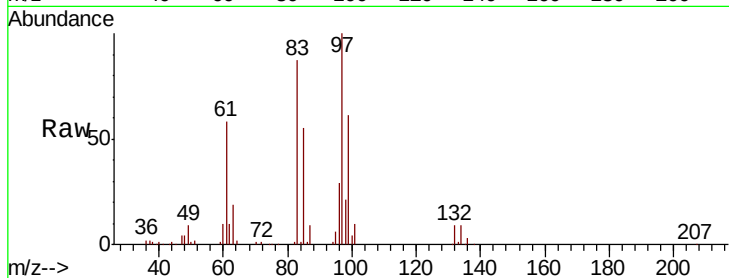




#45
 1,1,2-Trichloroethane
 Concen: 5.083 ug/L
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX020505.D
 Acq: 05 Jan 2021 18:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VICV301

Tot Ion:	97	Resp:	50071
Ion	Ratio	Lower	Upper
97	100		
99	61.0	43.4	80.6
83	86.8	58.6	108.8
85	55.0	38.5	71.5



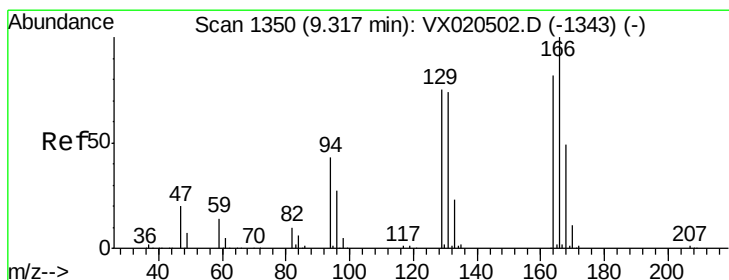
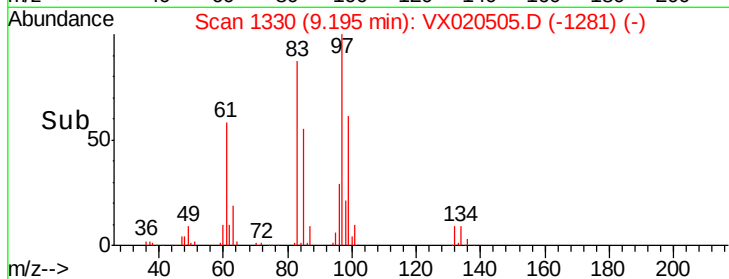
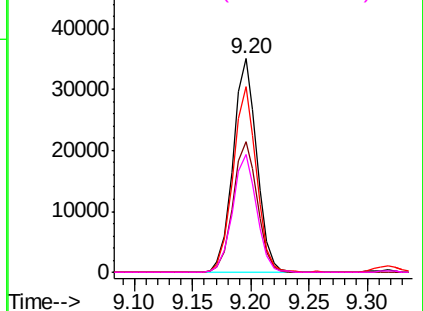
Abundance

Ion 96.95 (96.65 to 97.65): VX0

Ion 99.05 (98.75 to 99.75): VX0

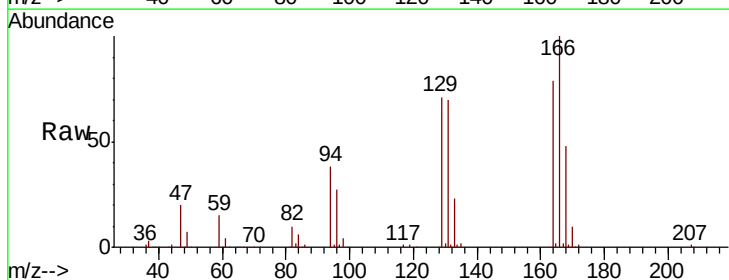
Ion 82.95 (82.65 to 83.65): VX0

Ion 85.00 (84.70 to 85.70): VX0



#47
 Tetrachloroethene
 Concen: 5.094 ug/L
 RT: 9.32 min Scan# 1350
 Delta R.T. -0.00 min
 Lab File: VX020505.D
 Acq: 05 Jan 2021 18:06

Tgt Ion:	164	Resp:	60547
Ion	Ratio	Lower	Upper
164	100		
129	90.5	64.5	119.7
131	89.1	63.8	118.6
166	127.2	85.8	159.4



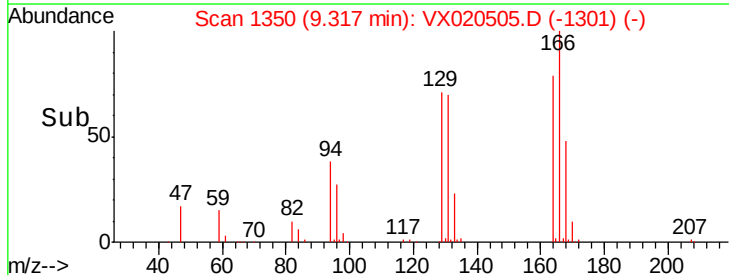
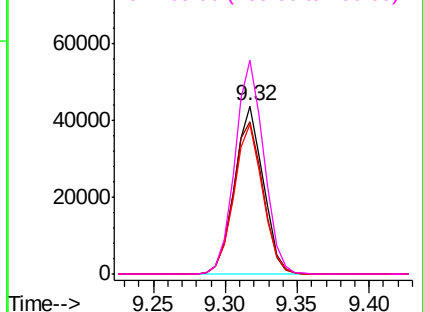
Abundance

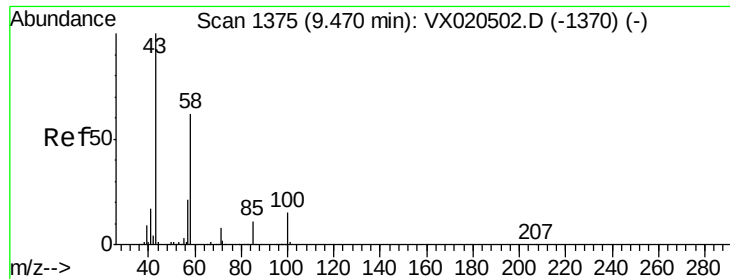
Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

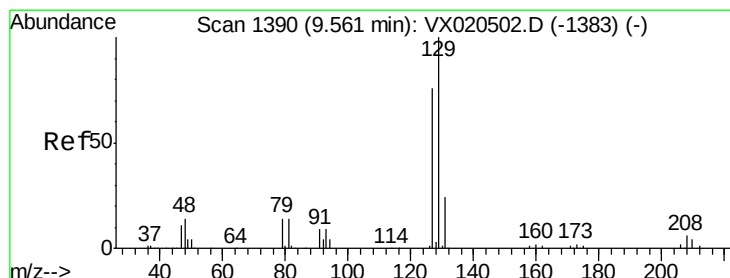
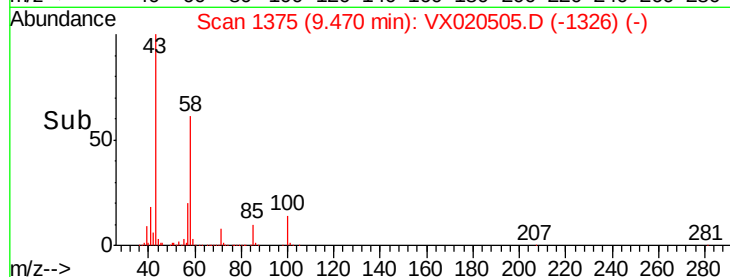
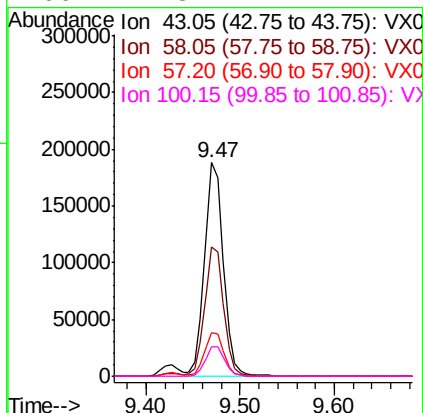
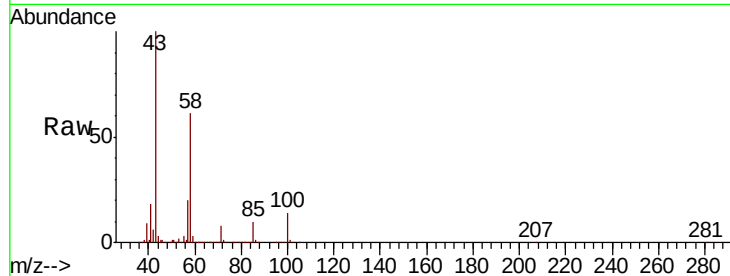




#48
2-Hexanone
Concen: 55.321 ug/L
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX020505.D
Acq: 05 Jan 2021 18:06

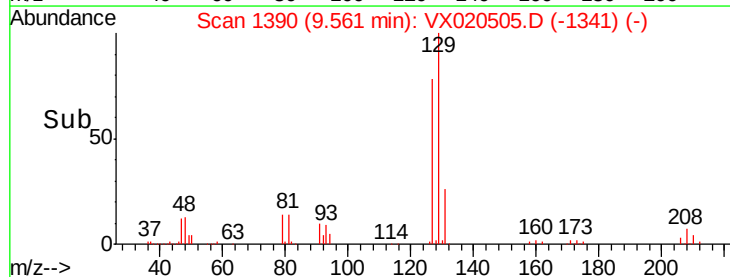
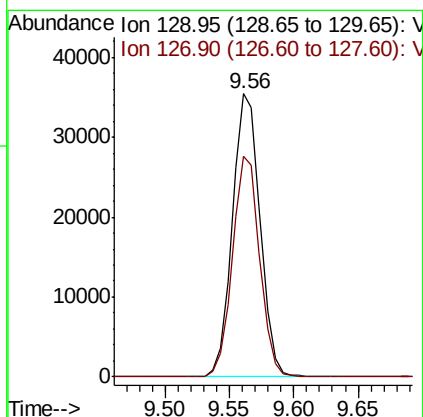
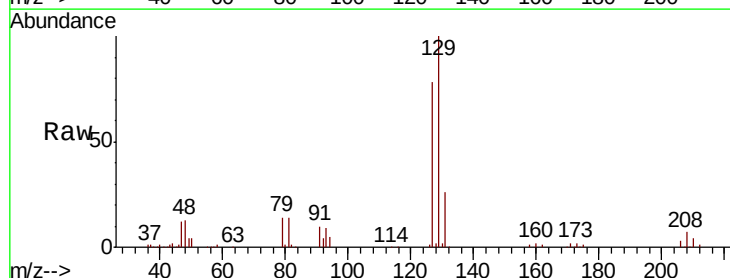
Instrument :
MSVOA_X
ClientSampleId :
VICV301

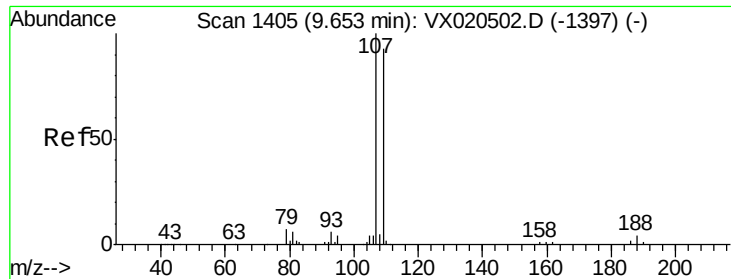
Tot Ion:	43	Resp:	260773
Ion	Ratio	Lower	Upper
43	100		
58	61.6	48.8	73.2
57	20.8	16.6	25.0
100	14.3	11.4	17.2



#49
Dibromochloromethane
Concen: 4.937 ug/L
RT: 9.56 min Scan# 1390
Delta R.T. -0.00 min
Lab File: VX020505.D
Acq: 05 Jan 2021 18:06

Tgt Ion:	129	Resp:	52847
Ion	Ratio	Lower	Upper
129	100		
127	78.1	53.0	98.4

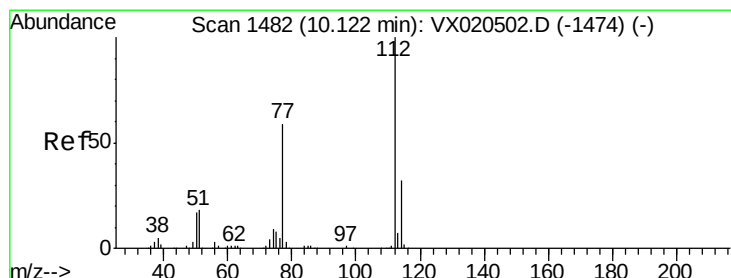
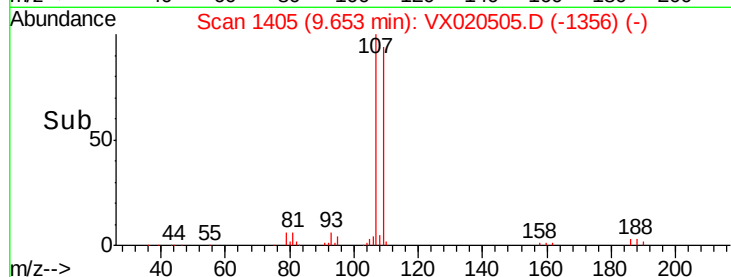
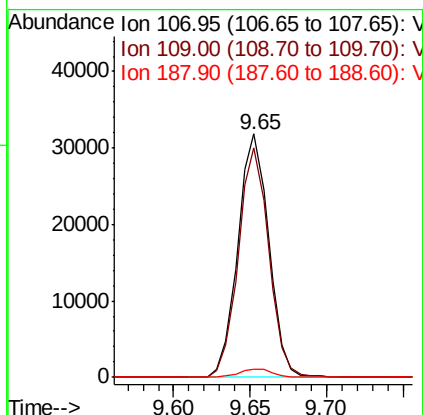
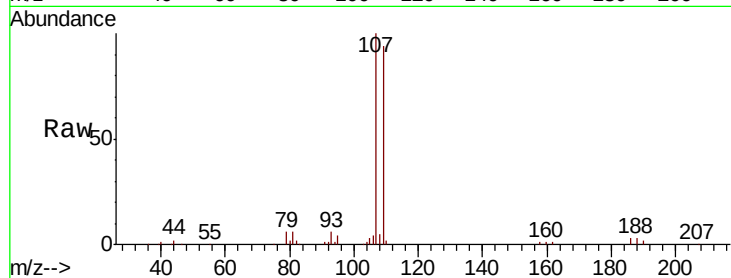




#50
 1,2-Dibromoethane
 Concen: 5.053 ug/L
 RT: 9.65 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: VX020505.D
 Acq: 05 Jan 2021 18:06

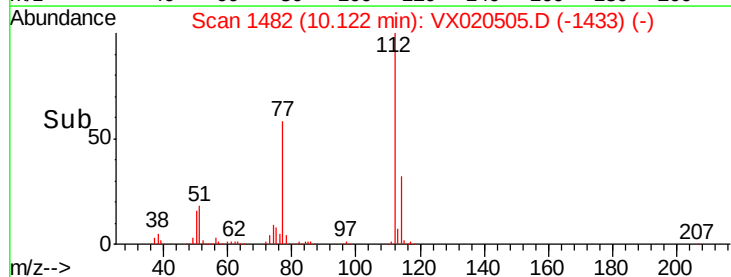
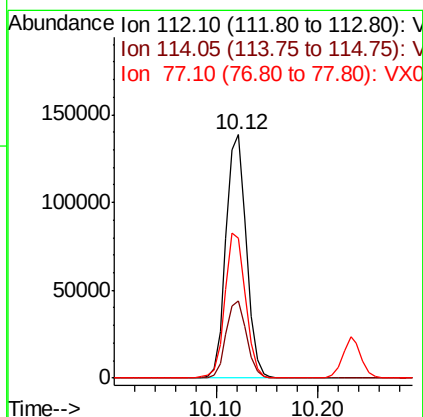
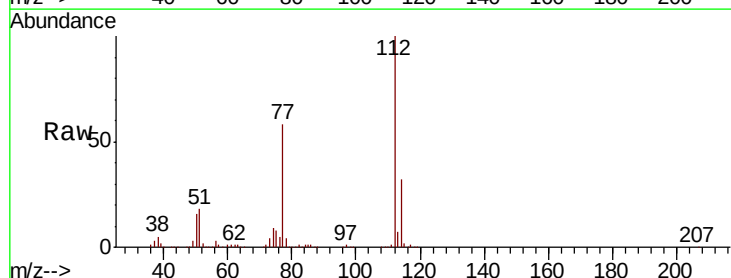
Instrument :
 MSVOA_X
 ClientSampleId :
 VICV301

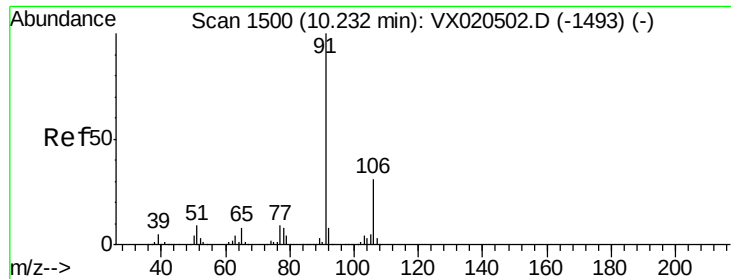
Tot Ion:107 Resp: 44652
 Ion Ratio Lower Upper
 107 100
 109 94.2 65.0 120.8
 188 3.4 3.4 5.0



#51
 Chlorobenzene
 Concen: 5.185 ug/L
 RT: 10.12 min Scan# 1482
 Delta R.T. -0.00 min
 Lab File: VX020505.D
 Acq: 05 Jan 2021 18:06

Tgt Ion:112 Resp: 191283
 Ion Ratio Lower Upper
 112 100
 114 31.5 22.1 41.1
 77 57.6 47.0 70.6





#52

Ethylbenzene

Concen: 5.388 ug/L

RT: 10.23 min Scan# 1500

Delta R.T. -0.00 min

Lab File: VX020505.D

Acq: 05 Jan 2021 18:06

Instrument :

MSVOA_X

ClientSampleId :

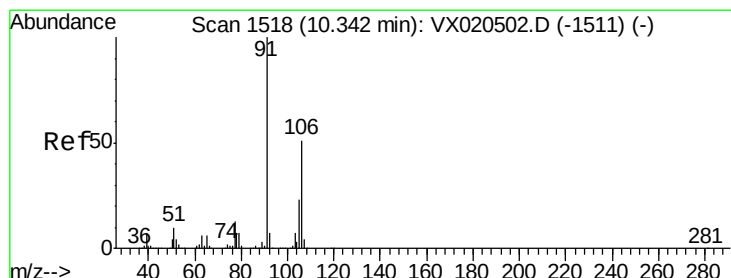
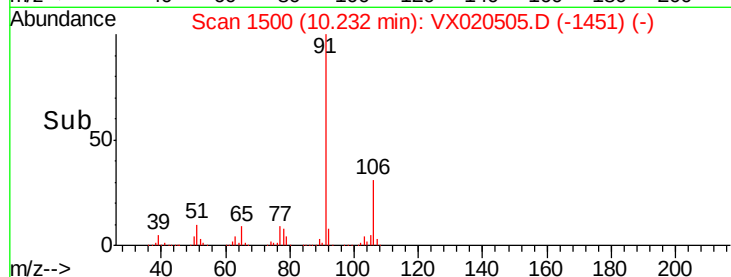
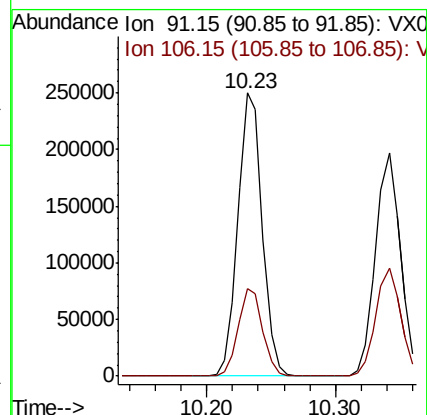
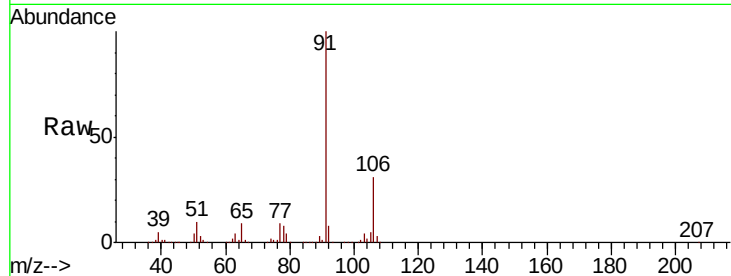
VICV301

Tot Ion: 91 Resp: 330110

Ion Ratio Lower Upper

91 100

106 30.7 21.6 40.0



#53

m,p-xylene

Concen: 5.482 ug/L

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX020505.D

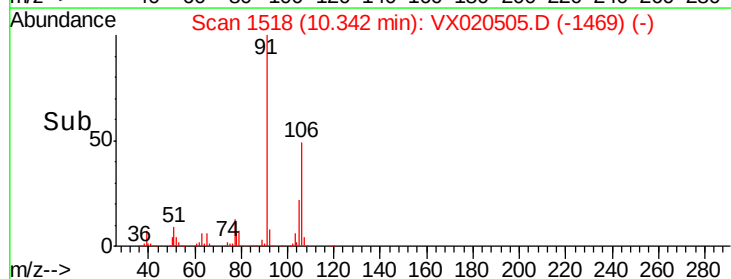
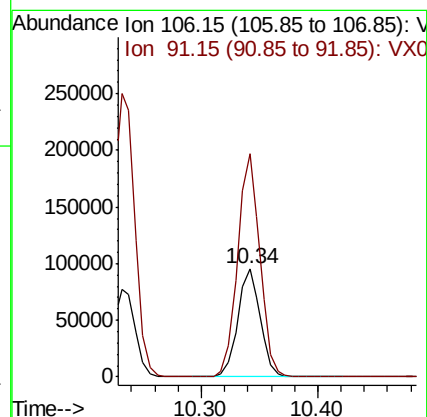
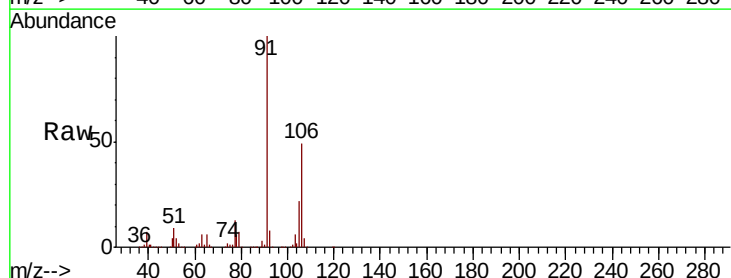
Acq: 05 Jan 2021 18:06

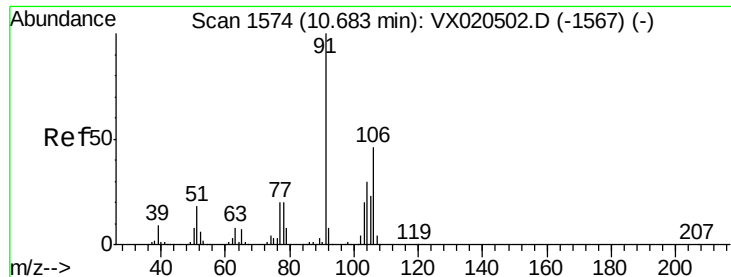
Tgt Ion: 106 Resp: 127705

Ion Ratio Lower Upper

106 100

91 205.4 137.4 255.2





#54

o-xylene

Concen: 5.267 ug/L

RT: 10.68 min Scan# 1574

Delta R.T. -0.00 min

Lab File: VX020505.D

Acq: 05 Jan 2021 18:06

Instrument :

MSVOA_X

ClientSampled :

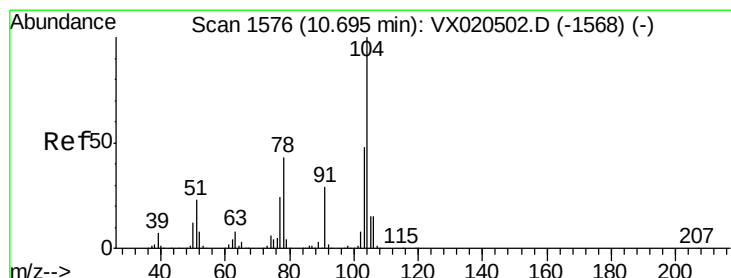
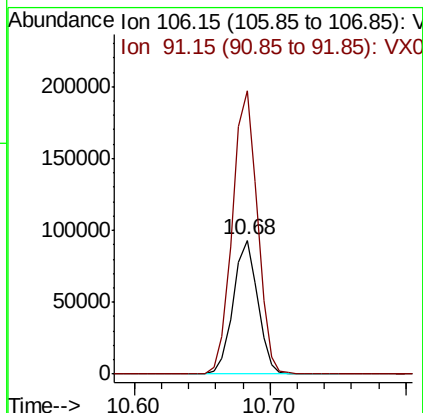
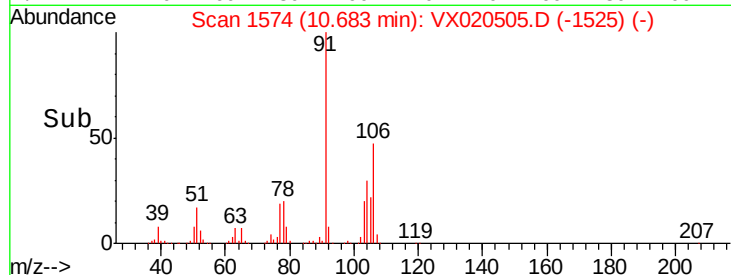
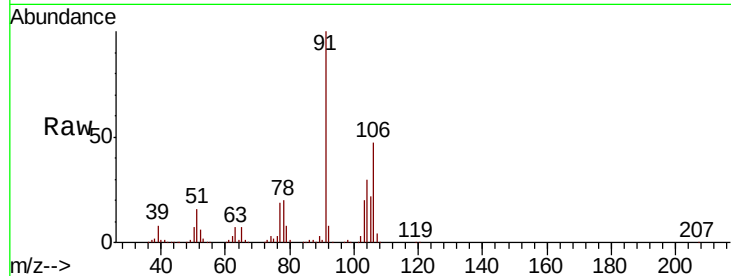
VICV301

Tot Ion:106 Resp: 116876

Ion Ratio Lower Upper

106 100

91 211.2 151.1 280.7



#55

Styrene

Concen: 5.311 ug/L

RT: 10.70 min Scan# 1576

Delta R.T. -0.00 min

Lab File: VX020505.D

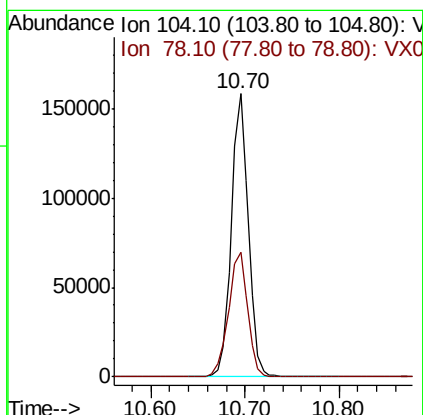
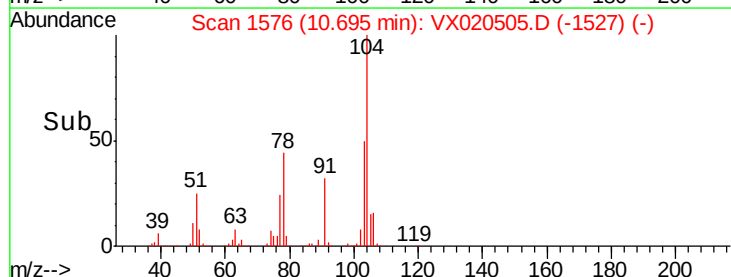
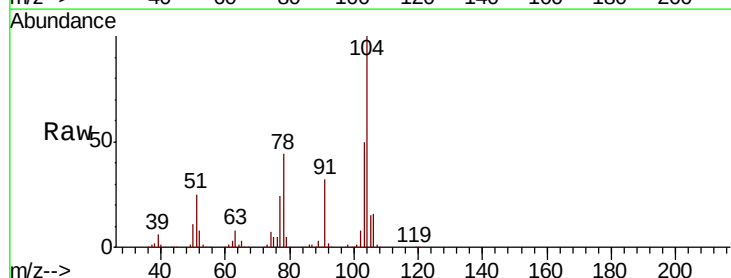
Acq: 05 Jan 2021 18:06

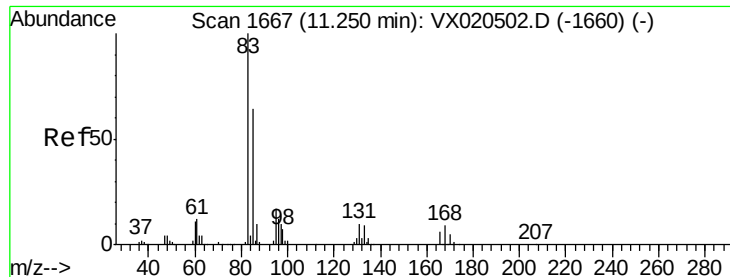
Tgt Ion:104 Resp: 197943

Ion Ratio Lower Upper

104 100

78 44.3 30.3 56.3





#57

1,1,2,2-Tetrachloroethane

Concen: 5.122 ug/L

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX020505.D

Acq: 05 Jan 2021 18:06

Instrument :

MSVOA_X

ClientSampleId :

VICV301

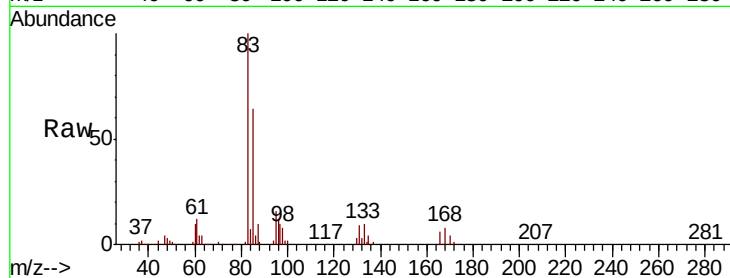
Tot Ion: 83 Resp: 56261

Ion Ratio Lower Upper

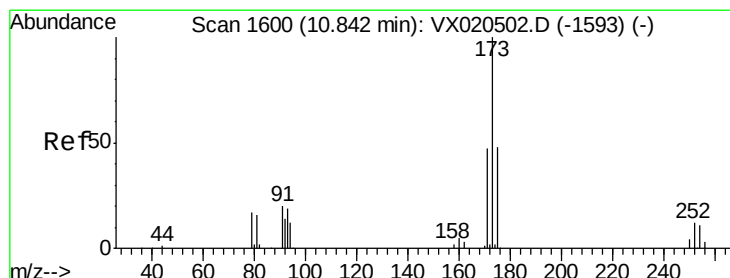
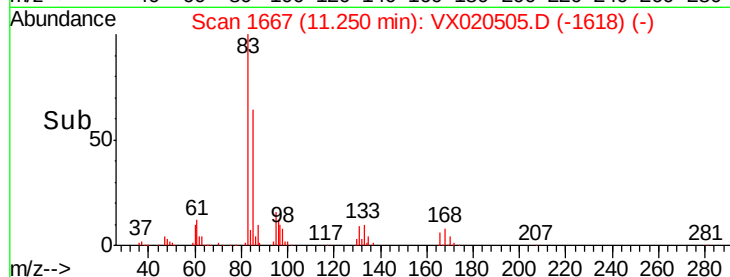
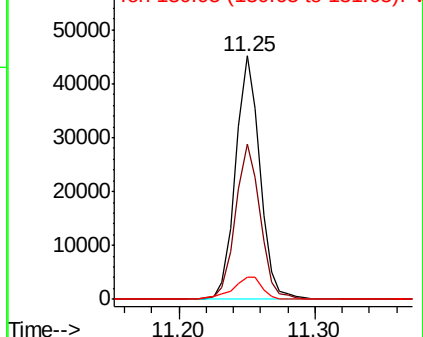
83 100

85 63.8 44.6 82.8

131 9.3 8.2 12.2



Abundance Ion 82.95 (82.65 to 83.65): VX0
Ion 85.00 (84.70 to 85.70): VX0
Ion 130.95 (130.65 to 131.65): V



#59

Bromoform

Concen: 4.820 ug/L

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX020505.D

Acq: 05 Jan 2021 18:06

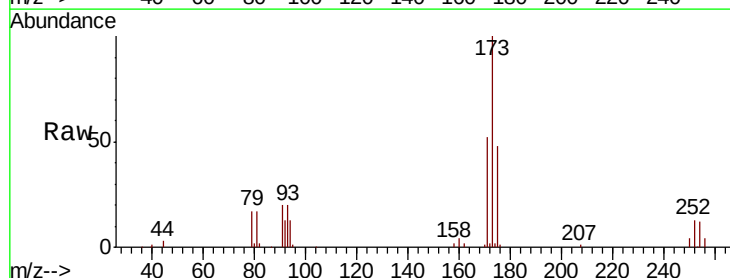
Tgt Ion: 173 Resp: 28937

Ion Ratio Lower Upper

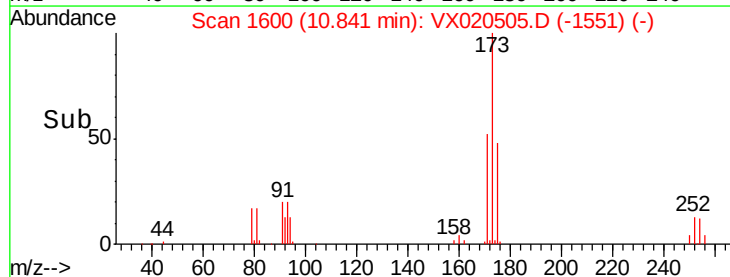
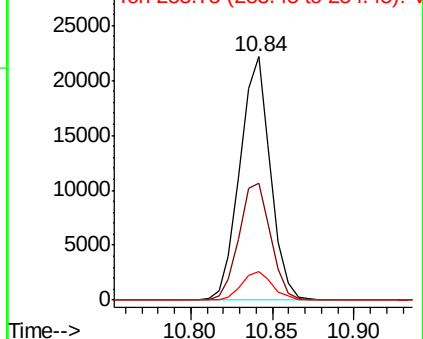
173 100

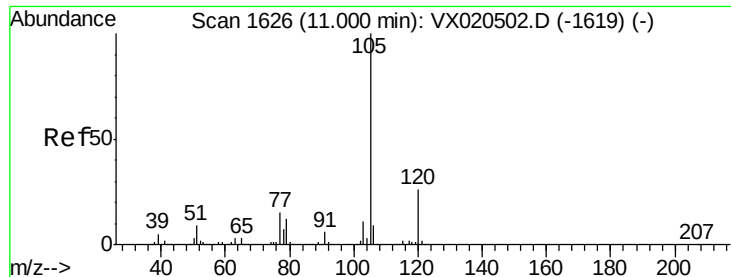
175 49.9 38.0 57.0

254 11.9 8.8 13.2



Abundance Ion 172.90 (172.60 to 173.60): V
Ion 174.90 (174.60 to 175.60): V
Ion 253.75 (253.45 to 254.45): V





#60

Isopropylbenzene

Concen: 5.262 ug/L

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX020505.D

Acq: 05 Jan 2021 18:06

Instrument :

MSVOA_X

ClientSampleId :

VICV301

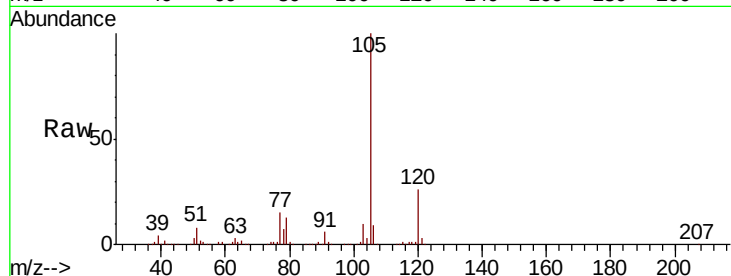
Tot Ion:105 Resp: 316811

Ion Ratio Lower Upper

105 100

120 26.1 21.1 31.7

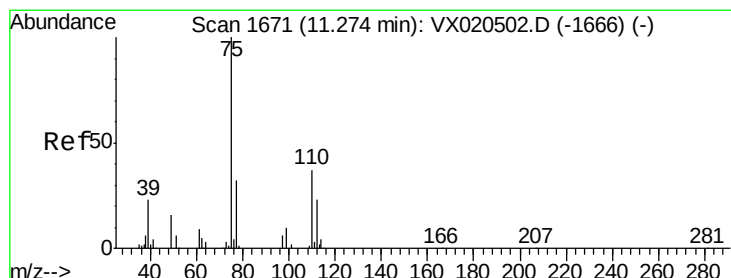
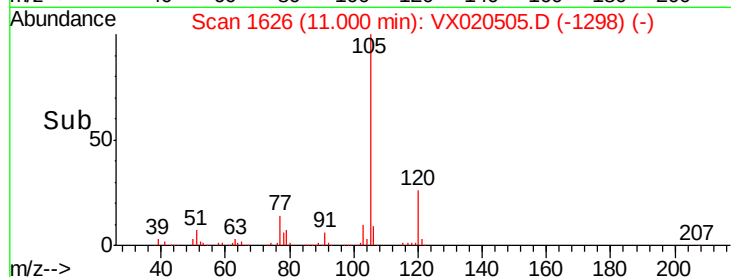
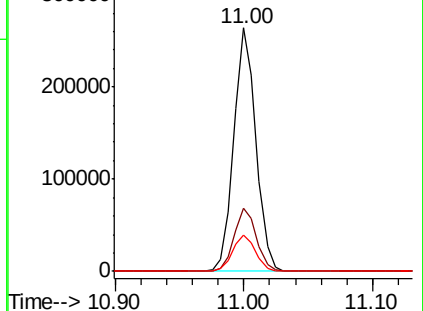
77 15.3 12.4 18.6



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: 4.961 ug/L

RT: 11.27 min Scan# 1671

Delta R.T. -0.00 min

Lab File: VX020505.D

Acq: 05 Jan 2021 18:06

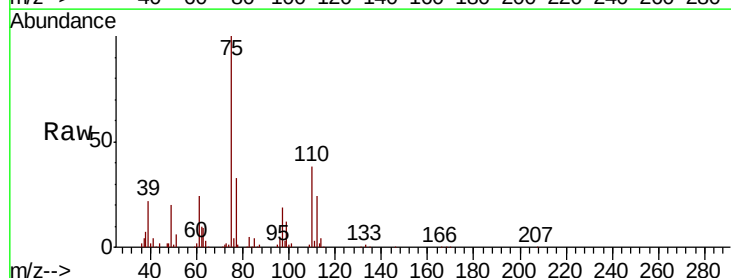
Tgt Ion: 75 Resp: 41621

Ion Ratio Lower Upper

75 100

77 33.3 26.3 39.5

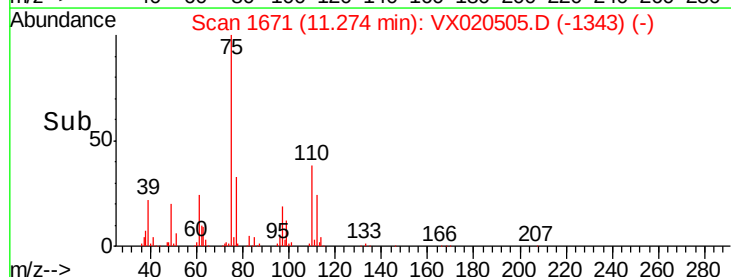
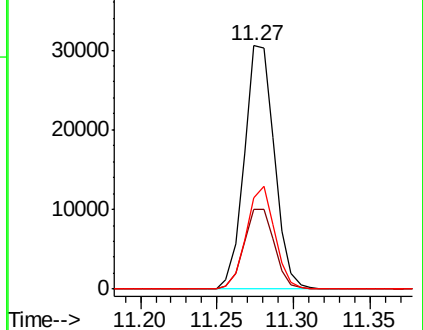
110 39.9 32.1 48.1

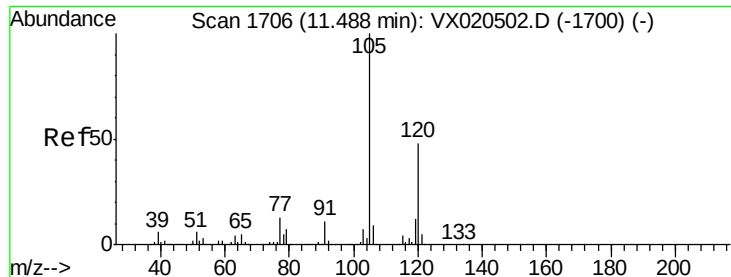


Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 110.00 (109.70 to 110.70): V





#62

1,3,5-Trimethylbenzene

Concen: 5.409 ug/L

RT: 11.49 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VX020505.D

Acq: 05 Jan 2021 18:06

Instrument :

MSVOA_X

ClientSampleId :

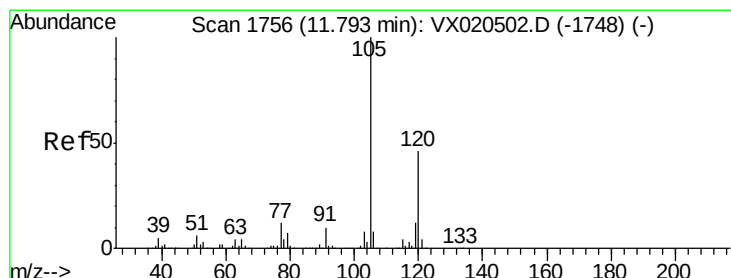
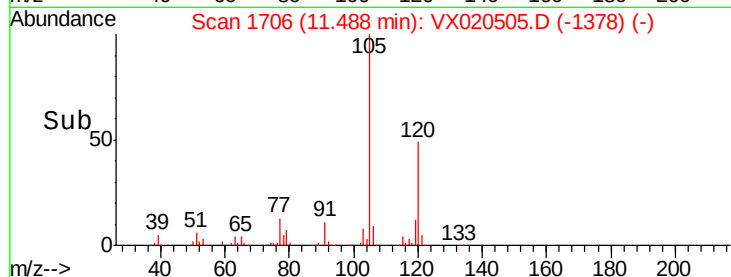
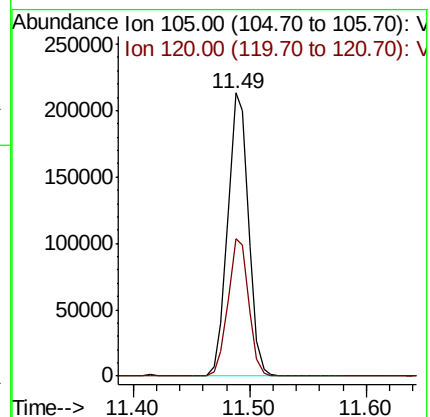
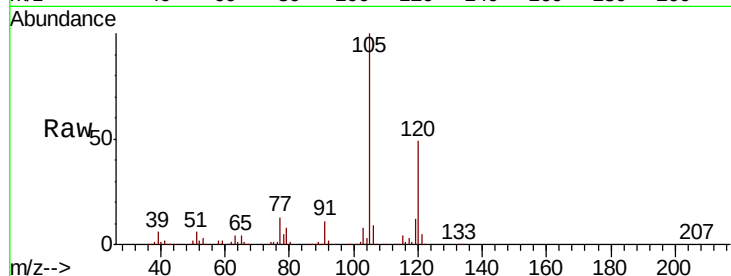
VICV301

Tot Ion:105 Resp: 262410

Ion Ratio Lower Upper

105 100

120 48.3 38.8 58.2



#63

1,2,4-Trimethylbenzene

Concen: 5.541 ug/L

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX020505.D

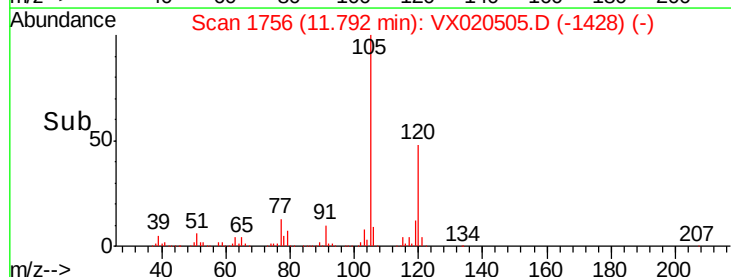
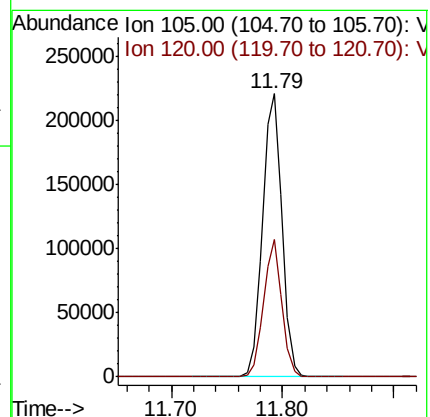
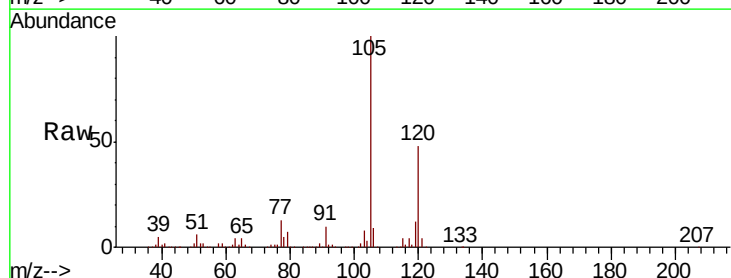
Acq: 05 Jan 2021 18:06

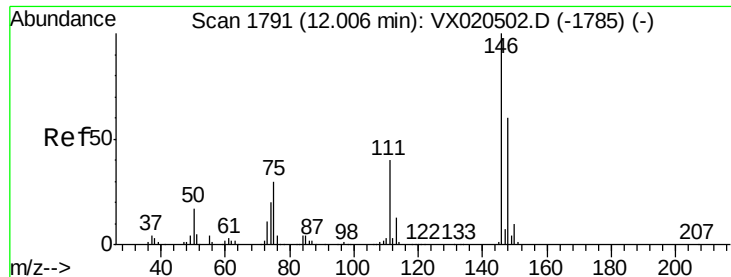
Tgt Ion:105 Resp: 268865

Ion Ratio Lower Upper

105 100

120 45.6 36.5 54.7





#64

1,3-Dichlorobenzene

Concen: 5.163 ug/L

RT: 12.01 min Scan# 1791

Delta R.T. -0.00 min

Lab File: VX020505.D

Acq: 05 Jan 2021 18:06

Instrument :

MSVOA_X

ClientSampleId :

VICV301

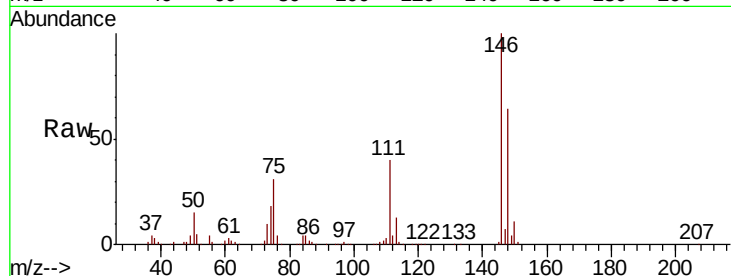
Tot Ion:146 Resp: 150198

Ion Ratio Lower Upper

146 100

111 40.1 28.2 52.4

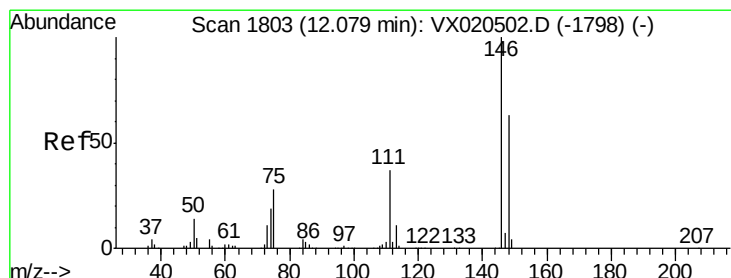
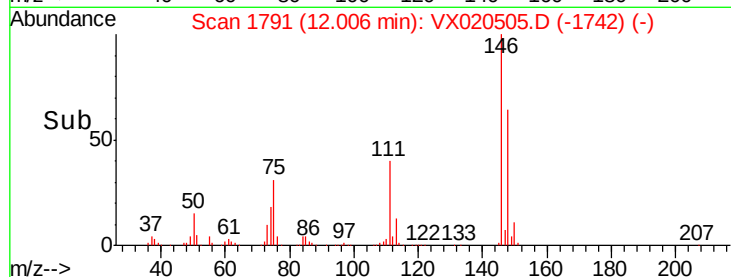
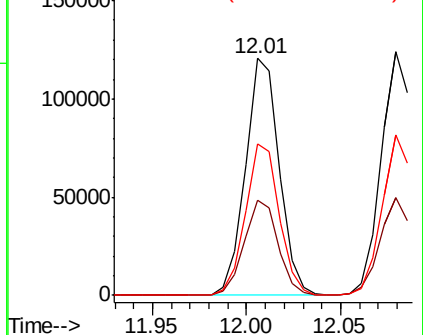
148 63.6 41.7 77.5



Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#65

1,4-Dichlorobenzene

Concen: 5.145 ug/L

RT: 12.08 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VX020505.D

Acq: 05 Jan 2021 18:06

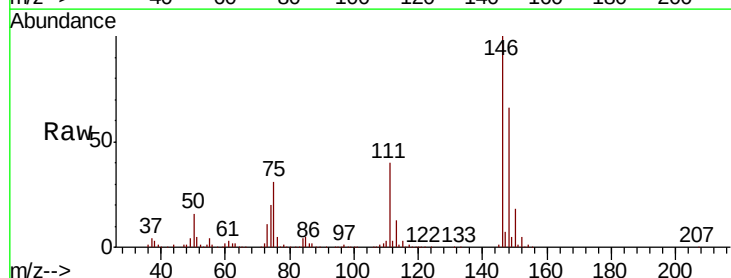
Tgt Ion:146 Resp: 151213

Ion Ratio Lower Upper

146 100

111 40.0 26.2 48.8

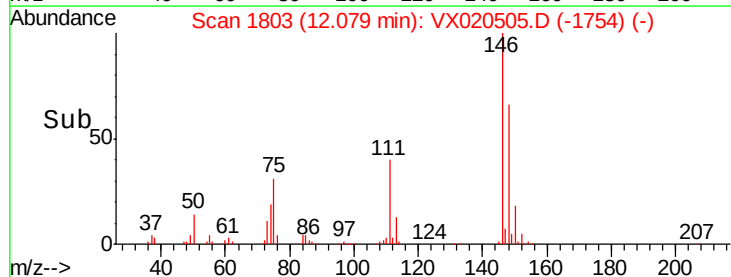
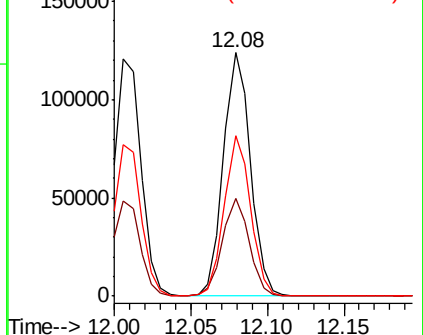
148 65.7 44.1 81.9

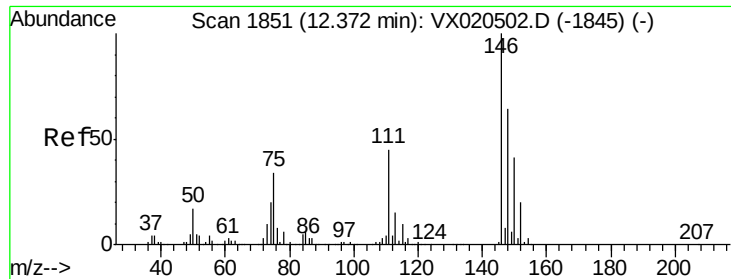


Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

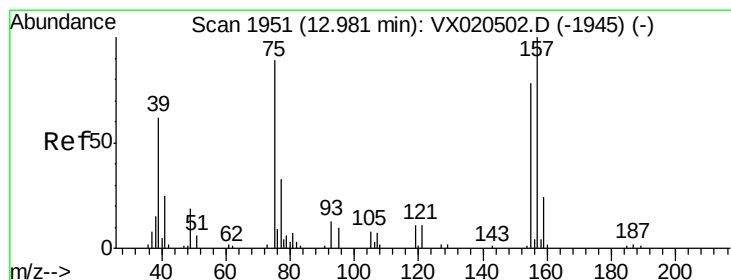
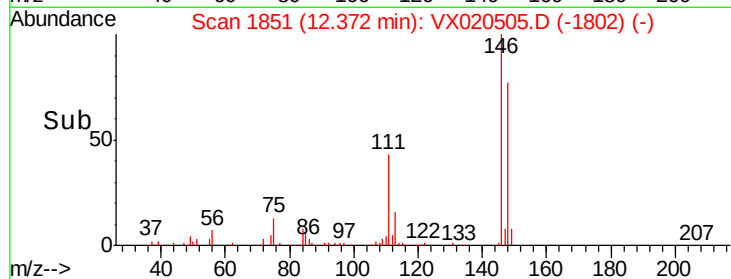
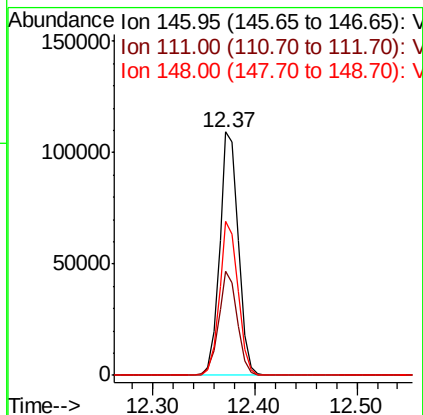
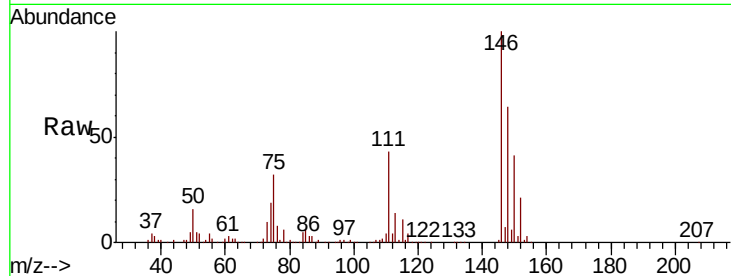




#67
 1,2-Dichlorobenzene
 Concen: 5.161 ug/L
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.00 min
 Lab File: VX020505.D
 Acq: 05 Jan 2021 18:06

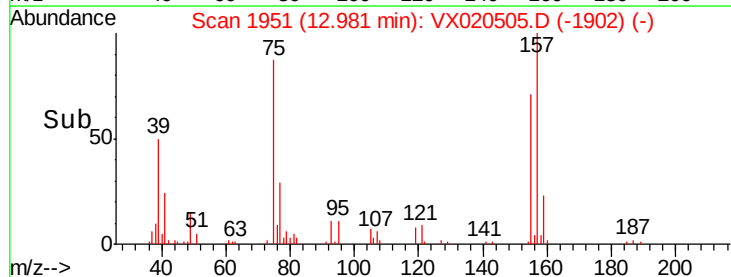
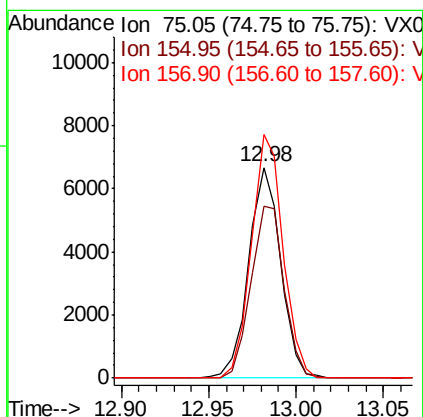
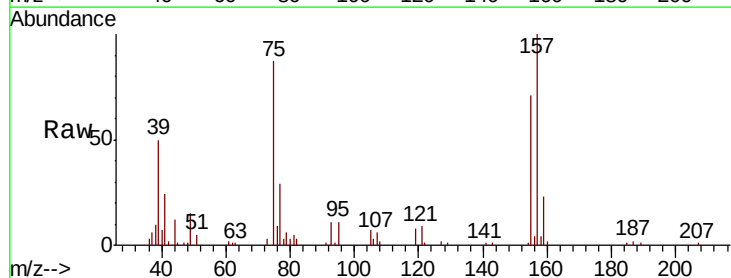
Instrument :
 MSVOA_X
 ClientSampled :
 VICV301

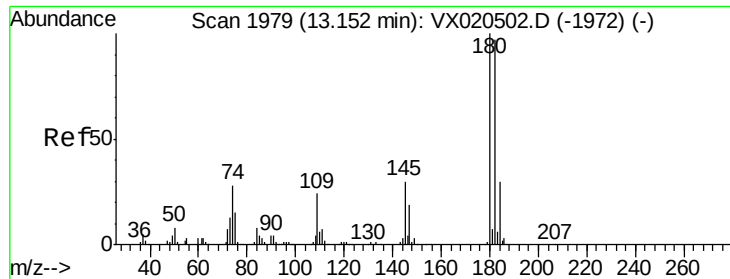
Tot Ion	Ratio	Lower	Upper
146	100		
111	42.6	36.3	54.5
148	63.5	51.5	77.3



#68
 1,2-Dibromo-3-chloropropane
 Concen: 4.723 ug/L
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX020505.D
 Acq: 05 Jan 2021 18:06

Tgt Ion	Ratio	Lower	Upper
75	100		
155	81.8	69.8	104.8
157	115.6	90.0	135.0

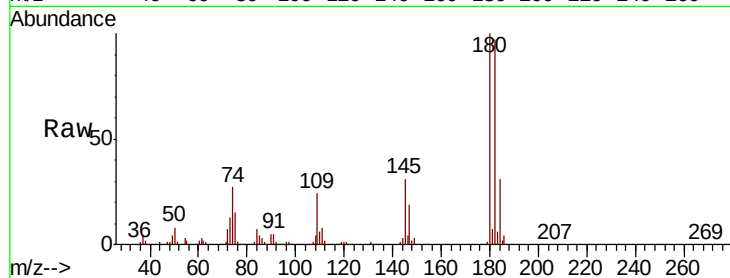




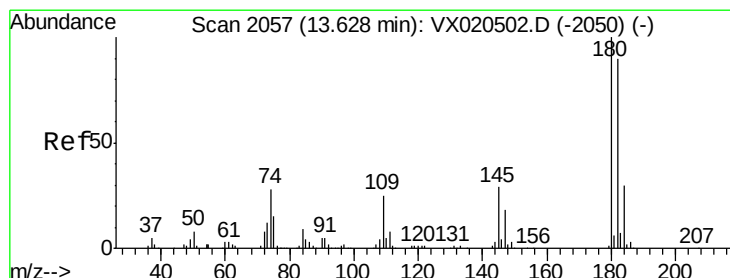
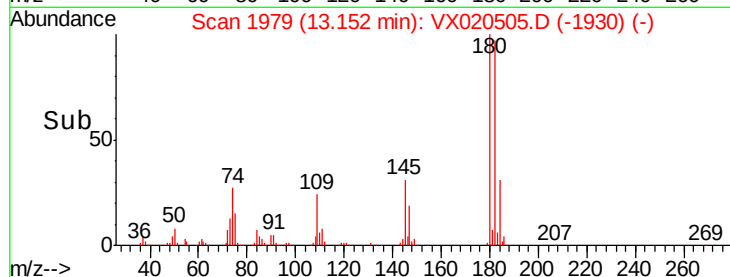
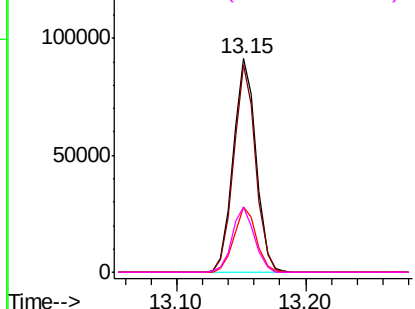
#69
 1,3,5-Trichlorobenzene
 Concen: 5.106 ug/L
 RT: 13.15 min Scan# 1979
 Delta R.T. -0.00 min
 Lab File: VX020505.D
 Acq: 05 Jan 2021 18:06

Instrument :
 MSVOA_X
 ClientSampled :
 VICV301

Tot Ion:180	Resp:	112894
Ion Ratio	Lower	Upper
180	100	
182	94.1	77.0 115.4
184	30.0	24.6 36.8
145	29.8	23.6 35.4

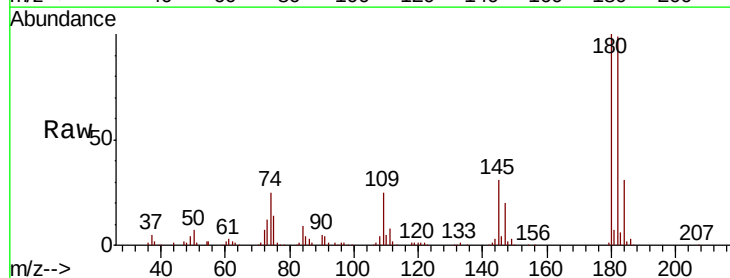


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V

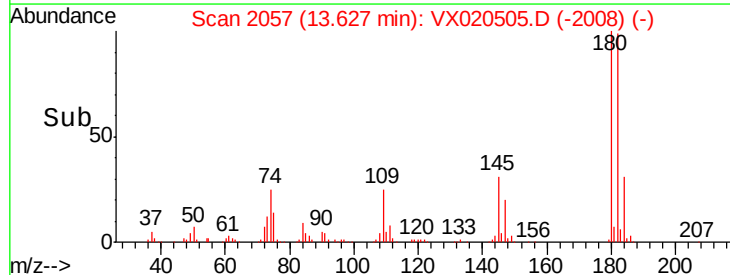
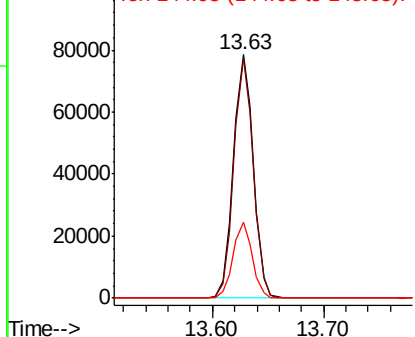


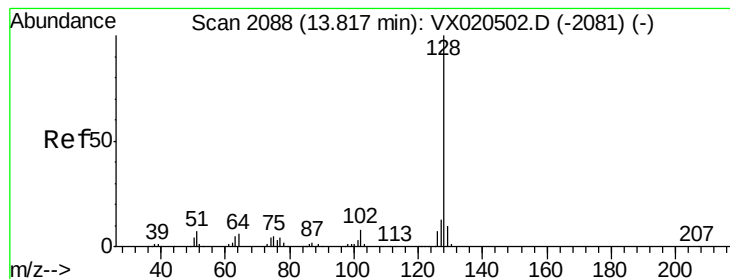
#70
 1,2,4-trichlorobenzene
 Concen: 5.510 ug/L
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX020505.D
 Acq: 05 Jan 2021 18:06

Tgt Ion:180	Resp:	97137
Ion Ratio	Lower	Upper
180	100	
182	95.9	74.3 111.5
145	29.9	24.1 36.1



Abundance Ion 179.90 (179.60 to 180.60): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 144.95 (144.65 to 145.65): V





#71

Naphthalene

Concen: 5.552 ug/L

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX020505.D

Acq: 05 Jan 2021 18:06

Instrument :

MSVOA_X

ClientSampleId :

VICV301

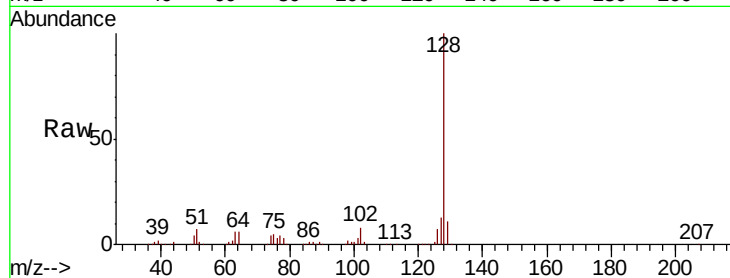
Tot Ion:128 Resp: 160662

Ion Ratio Lower Upper

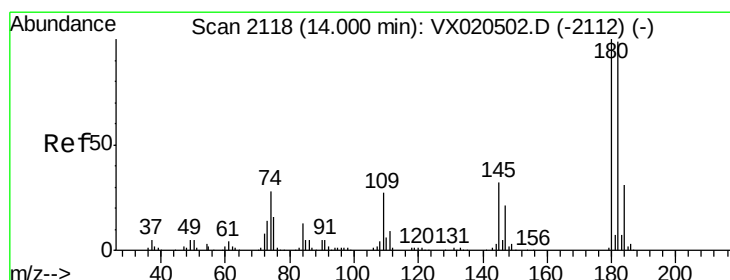
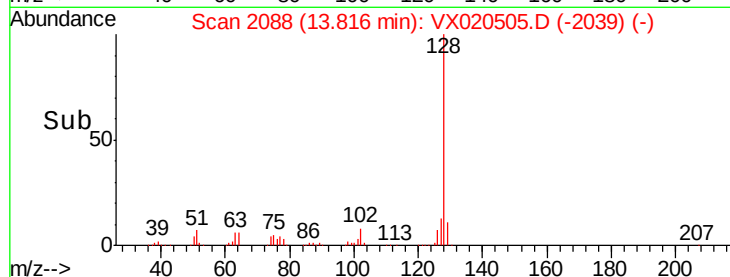
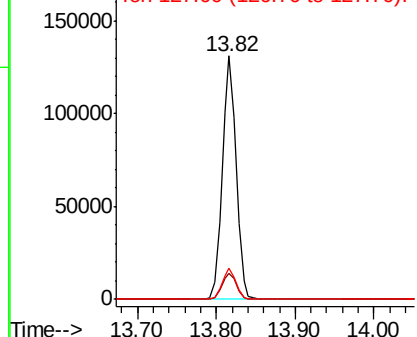
128 100

129 10.9 8.4 12.6

127 12.6 10.1 15.1



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 129.00 (128.70 to 129.70): V
Ion 127.00 (126.70 to 127.70): V



#72

1,2,3-Trichlorobenzene

Concen: 5.286 ug/L

RT: 14.00 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VX020505.D

Acq: 05 Jan 2021 18:06

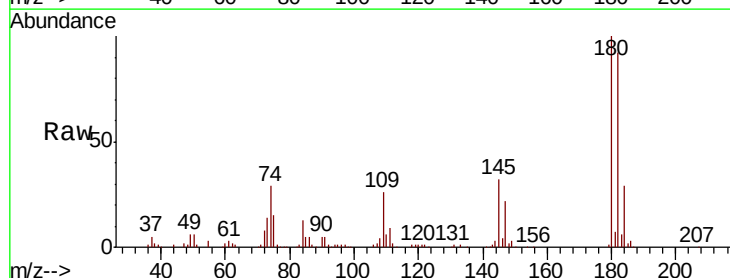
Tgt Ion:180 Resp: 86232

Ion Ratio Lower Upper

180 100

182 95.8 79.3 118.9

145 32.5 26.5 39.7



Abundance Ion 179.90 (179.60 to 180.60): V
Ion 181.90 (181.60 to 182.60): V
Ion 144.95 (144.65 to 145.65): V

