

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX102920\
 Data File : VX019172.D
 Acq On : 28 Oct 2020 18:43
 Operator : JC/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VICV306

Quant Time: Oct 29 06:33:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SFAMXTR102920WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 29 06:24:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	193461	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	175446	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.06	152	83685	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	65132	5.21	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	104.20%
7) Chloroethane-d5	1.70	69	53217	5.10	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.00%
11) 1,1-Dichloroethene-d2	2.34	63	125096	5.12	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	102.40%
20) 2-Butanone-d5	4.56	46	142862	52.23	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.46%
24) Chloroform-d	5.14	84	122271	5.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.60%
26) 1,2-Dichloroethane-d4	6.03	65	63643	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.80%
32) Benzene-d6	6.05	84	242062	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.20%
36) 1,2-Dichloropropane-d6	7.37	67	71098	5.25	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.00%
41) Toluene-d8	8.70	98	234919	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.80%
43) trans-1,3-Dichloropropene-	8.99	79	30331	5.20	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	104.00%
46) 2-Hexanone-d5	9.43	63	132673	51.96	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.92%
56) 1,1,2,2-Tetrachloroethane-	11.23	84	52832	5.08	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.60%
66) 1,2-Dichlorobenzene-d4	12.36	152	79382	5.11	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.20%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.18	85	81383	5.088	ug/L 99
3) Chloromethane	1.31	50	70304	5.094	ug/L 99
5) Vinyl chloride	1.39	62	79047	5.085	ug/L 98
6) Bromomethane	1.64	94	51943	5.186	ug/L 95
8) Chloroethane	1.71	64	47094	4.998	ug/L 99
9) Trichlorofluoromethane	1.92	101	114874	5.118	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.36	101	65180	5.110	ug/L 99
12) 1,1-Dichloroethene	2.36	96	63074	5.084	ug/L 99
13) Acetone	2.45	43	80928	51.892	ug/L 99
14) Carbon disulfide	2.55	76	195933	5.092	ug/L 100
15) Methyl Acetate	2.76	43	21672	5.208	ug/L 99
16) Methylene chloride	2.83	84	65717	4.442	ug/L 96
17) Methyl tert-butyl Ether	3.17	73	152606	5.138	ug/L 99
18) trans-1,2-Dichloroethene	3.14	96	66099	5.064	ug/L 97
19) 1,1-Dichloroethane	3.67	63	113642	5.086	ug/L 99
21) 2-Butanone	4.66	43	137948	50.365	ug/L 100
22) cis-1,2-Dichloroethene	4.56	96	70560	5.076	ug/L 99

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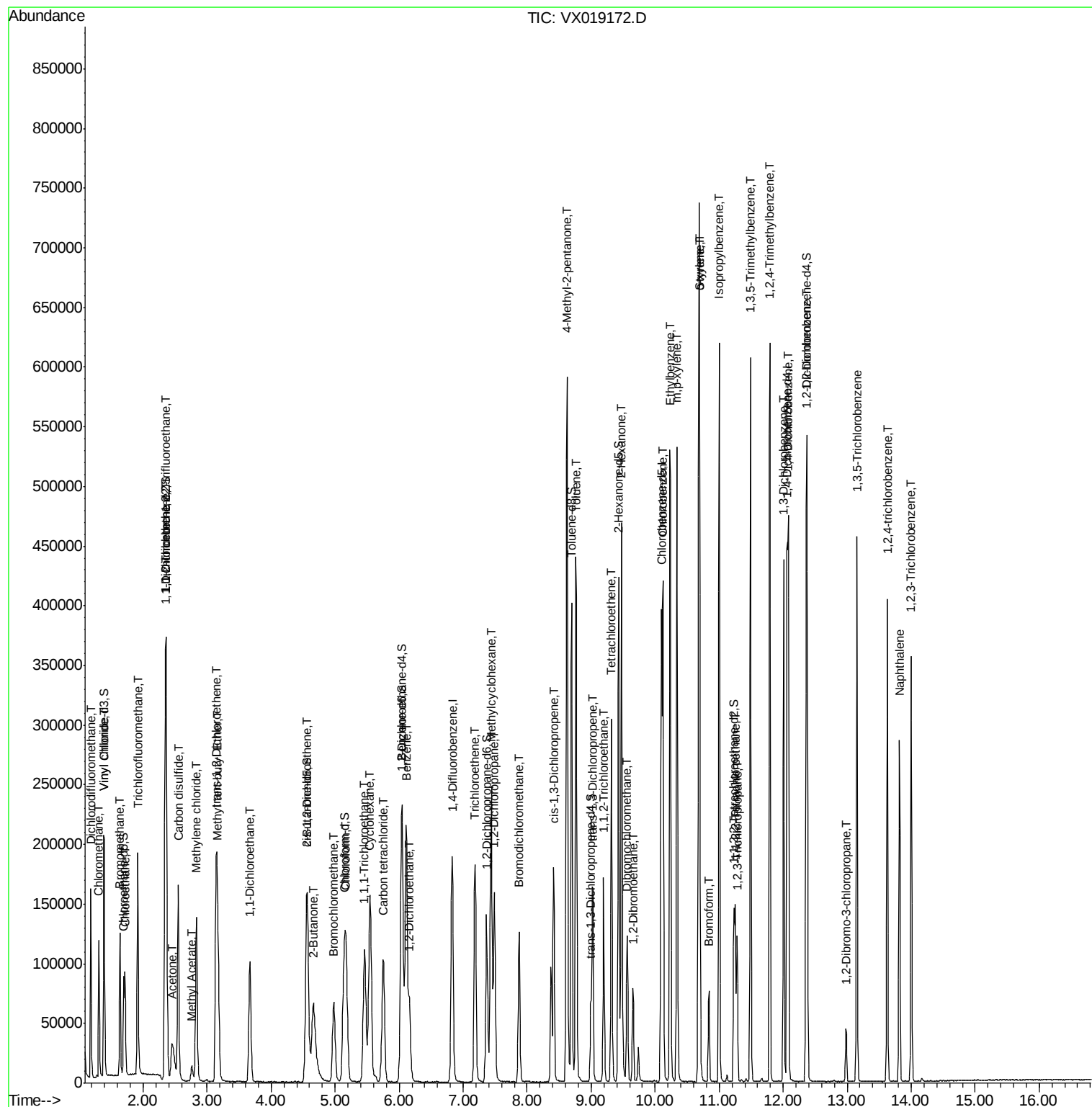
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.98	128	30371	5.254	ug/L	95
25) Chloroform	5.17	83	117911	5.075	ug/L	94
27) 1,2-Dichloroethane	6.16	62	73063	5.026	ug/L	98
29) 1,1,1-Trichloroethane	5.46	97	110131	5.085	ug/L	98
30) Cyclohexane	5.54	56	109111	5.053	ug/L	99
31) Carbon tetrachloride	5.75	117	92685	5.023	ug/L	100
33) Benzene	6.11	78	265918	5.088	ug/L	100
34) Trichloroethene	7.18	95	71619	5.011	ug/L	98
35) Methylcyclohexane	7.44	83	116921	5.059	ug/L	99
37) 1,2-Dichloropropane	7.49	63	63914	5.188	ug/L	100
38) Bromodichloromethane	7.87	83	81296	5.069	ug/L	98
39) cis-1,3-Dichloropropene	8.41	75	96533	5.102	ug/L	99
40) 4-Methyl-2-pentanone	8.62	43	341020	51.843	ug/L	99
42) Toluene	8.76	91	288042	5.102	ug/L	99
44) trans-1,3-Dichloropropene	9.02	75	80847	5.103	ug/L	97
45) 1,1,2-Trichloroethane	9.20	97	45065	5.013	ug/L	99
47) Tetrachloroethene	9.32	164	54274	4.975	ug/L	95
48) 2-Hexanone	9.48	43	242332	52.668	ug/L	98
49) Dibromochloromethane	9.56	129	53227	5.115	ug/L	98
50) 1,2-Dibromoethane	9.65	107	42036	5.042	ug/L	93
51) Chlorobenzene	10.12	112	182158	5.097	ug/L	99
52) Ethylbenzene	10.23	91	321516	5.091	ug/L	99
53) m,p-xylene	10.34	106	122951	5.074	ug/L	99
54) o-xylene	10.68	106	118485	5.104	ug/L	94
55) Styrene	10.70	104	192845	5.085	ug/L	98
57) 1,1,2,2-Tetrachloroethane	11.25	83	52388	5.113	ug/L	100
59) Bromoform	10.84	173	27458	4.998	ug/L	99
60) Isopropylbenzene	11.00	105	319847	5.203	ug/L	99
61) 1,2,3-Trichloropropane	11.28	75	39206	5.222	ug/L	99
62) 1,3,5-Trimethylbenzene	11.49	105	270410	5.254	ug/L	99
63) 1,2,4-Trimethylbenzene	11.79	105	273719	5.245	ug/L	100
64) 1,3-Dichlorobenzene	12.01	146	144107	5.277	ug/L	96
65) 1,4-Dichlorobenzene	12.08	146	140525	5.154	ug/L	99
67) 1,2-Dichlorobenzene	12.38	146	126127	5.024	ug/L	93
68) 1,2-Dibromo-3-chloropropan	12.98	75	8939	5.205	ug/L	97
69) 1,3,5-Trichlorobenzene	13.15	180	104179	5.197	ug/L	96
70) 1,2,4-trichlorobenzene	13.63	180	90923	5.197	ug/L	98
71) Naphthalene	13.82	128	167340	5.319	ug/L	100
72) 1,2,3-Trichlorobenzene	14.00	180	81513	5.280	ug/L	99

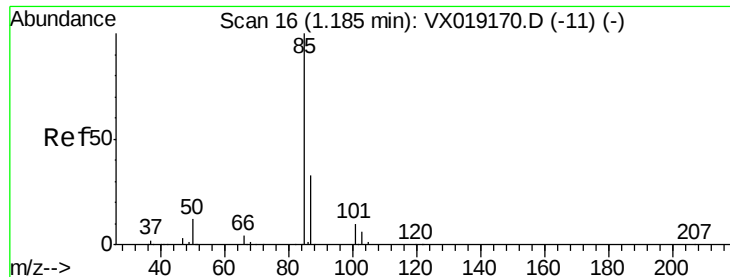
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 5.088 ug/L

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX019172.D

Acq: 28 Oct 2020 18:43

Instrument :

MSVOA_X

ClientSampleId :

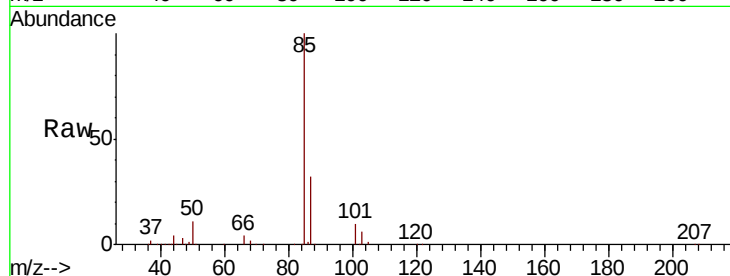
VICV306

Tot Ion: 85 Resp: 81383

Ion Ratio Lower Upper

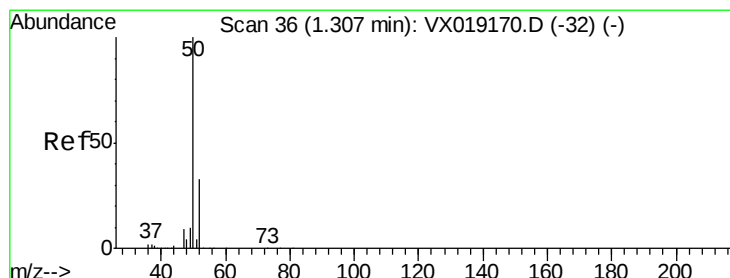
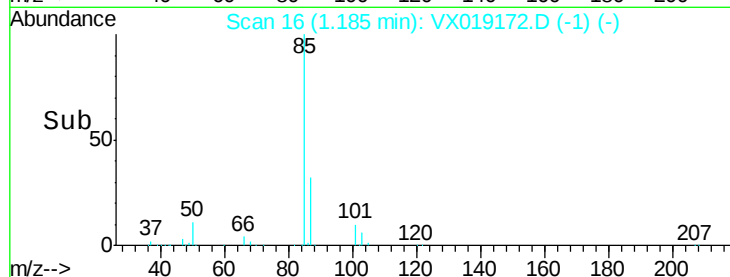
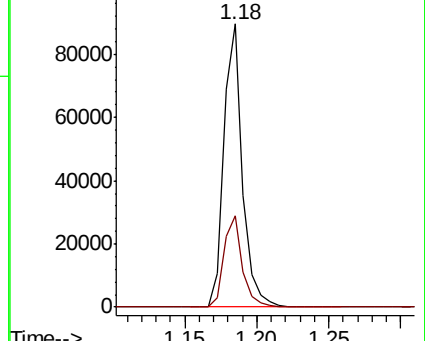
85 100

87 32.3 26.1 39.1



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#3

Chloromethane

Concen: 5.094 ug/L

RT: 1.31 min Scan# 36

Delta R.T. -0.00 min

Lab File: VX019172.D

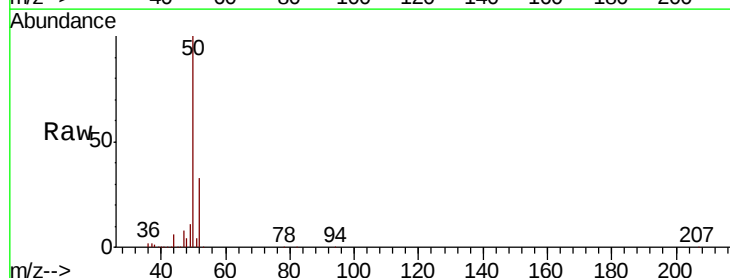
Acq: 28 Oct 2020 18:43

Tgt Ion: 50 Resp: 70304

Ion Ratio Lower Upper

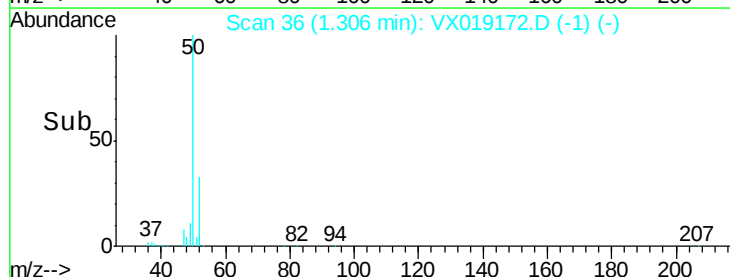
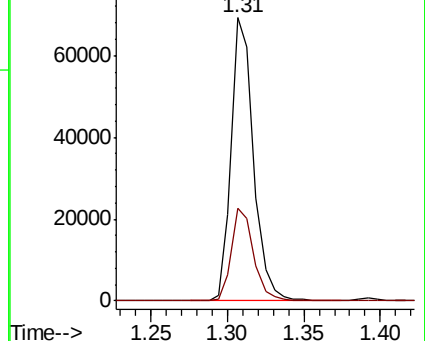
50 100

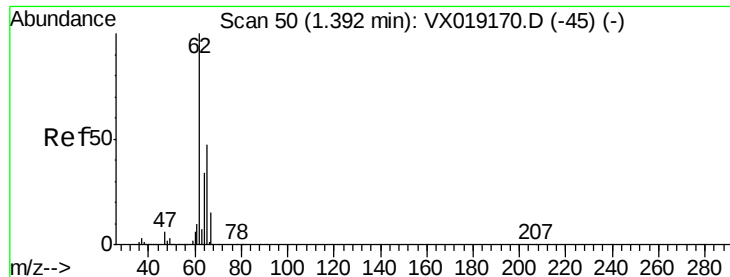
52 32.9 23.4 43.6



Abundance Ion 50.05 (49.75 to 50.75): VX0

Ion 52.05 (51.75 to 52.75): VX0





#5

Vinyl chloride

Concen: 5.085 ug/L

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX019172.D

Acq: 28 Oct 2020 18:43

Instrument :

MSVOA_X

ClientSampleId :

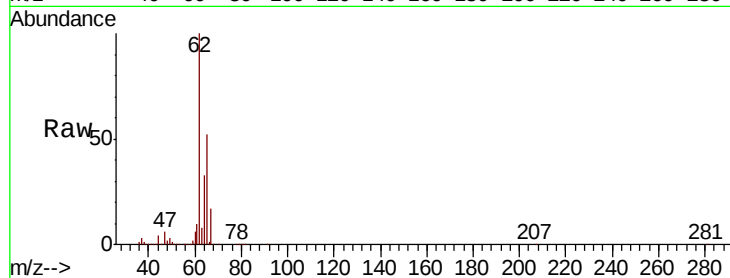
VICV306

Tot Ion: 62 Resp: 79047

Ion Ratio Lower Upper

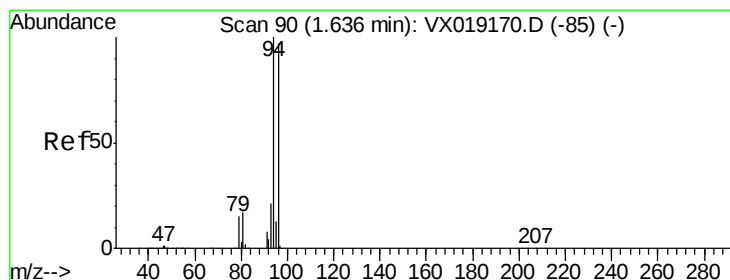
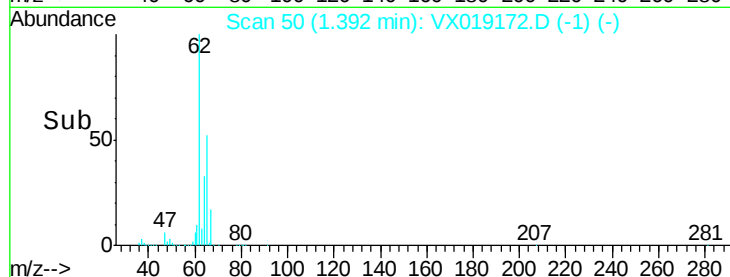
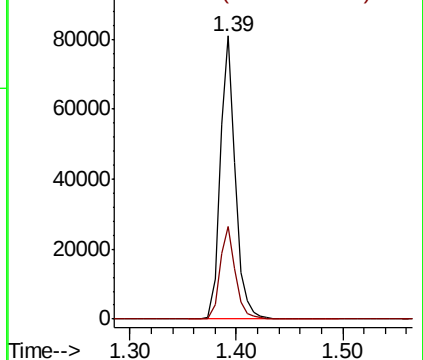
62 100

64 32.6 23.5 43.7



Abundance Ion 62.00 (61.70 to 62.70): VX0

Ion 64.10 (63.80 to 64.80): VX0



#6

Bromomethane

Concen: 5.186 ug/L

RT: 1.64 min Scan# 90

Delta R.T. -0.00 min

Lab File: VX019172.D

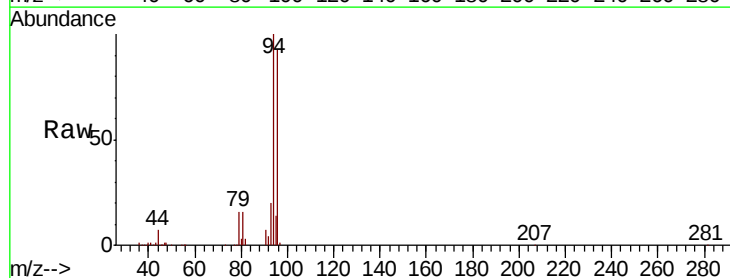
Acq: 28 Oct 2020 18:43

Tgt Ion: 94 Resp: 51943

Ion Ratio Lower Upper

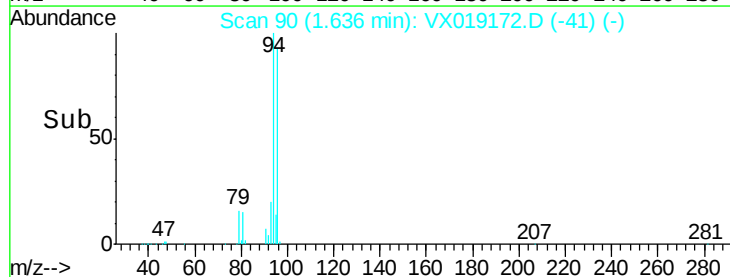
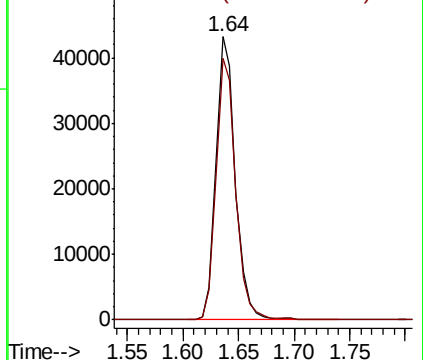
94 100

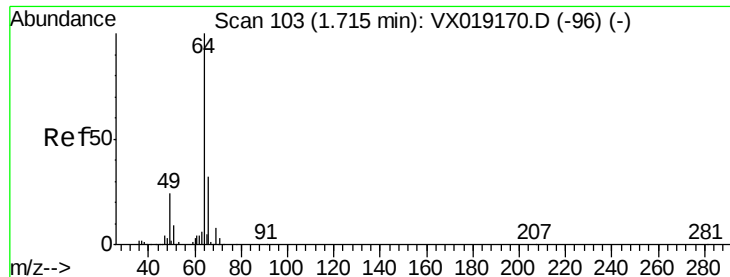
96 92.5 67.9 126.1



Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0

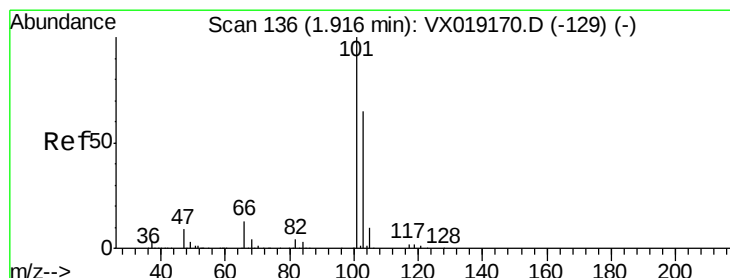
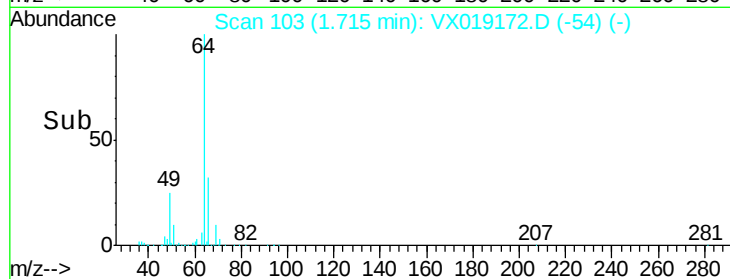
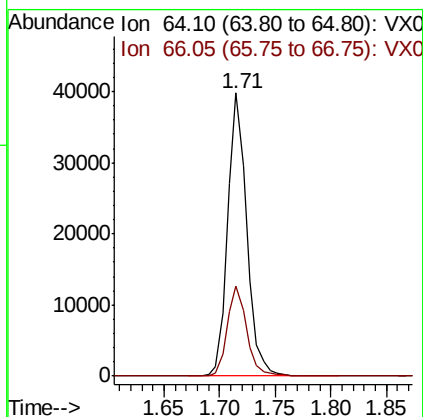
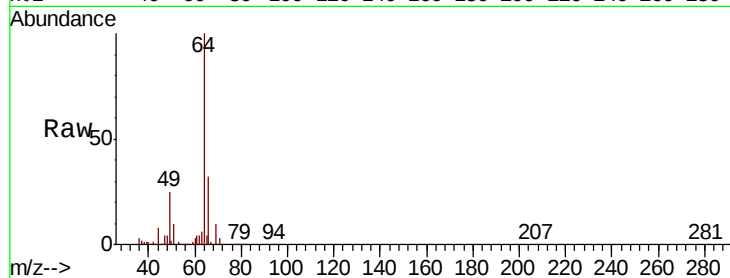




#8
Chloroethane
Concen: 4.998 ug/L
RT: 1.71 min Scan# 103
Delta R.T. -0.00 min
Lab File: VX019172.D
Acq: 28 Oct 2020 18:43

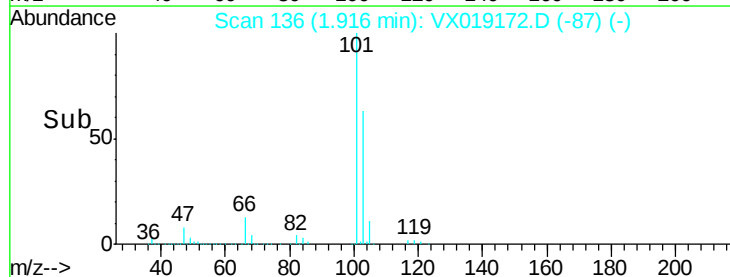
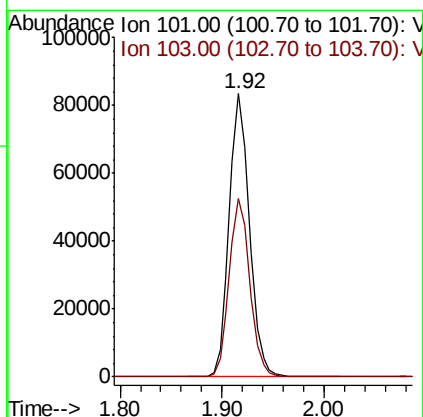
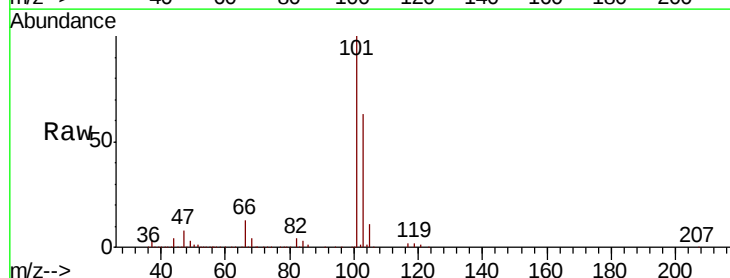
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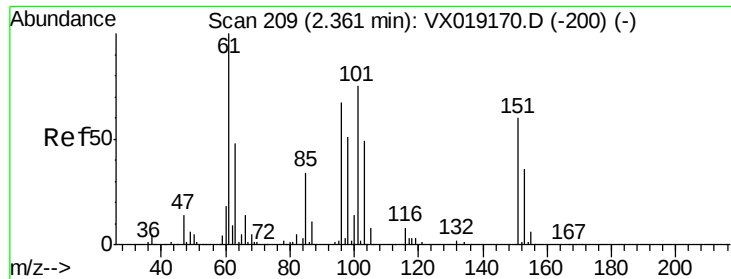
Tot Ion: 64 Resp: 47094
Ion Ratio Lower Upper
64 100
66 32.0 22.7 42.1



#9
Trichlorofluoromethane
Concen: 5.118 ug/L
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX019172.D
Acq: 28 Oct 2020 18:43

Tgt Ion:101 Resp: 114874
Ion Ratio Lower Upper
101 100
103 63.8 51.9 77.9





#10

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

Concen: 5.110 ug/L

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX019172.D

Acq: 28 Oct 2020 18:43

Instrument :

MSVOA_X

ClientSampled :

VICV306

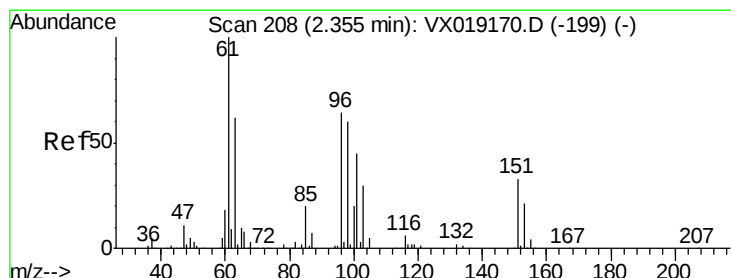
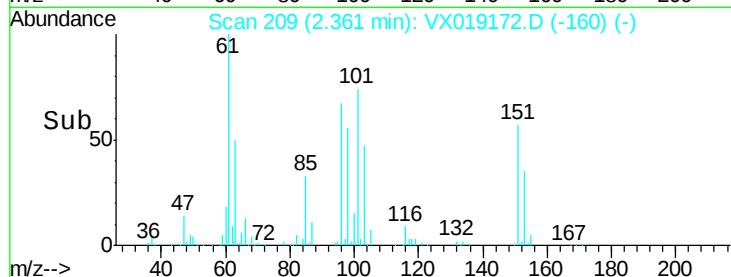
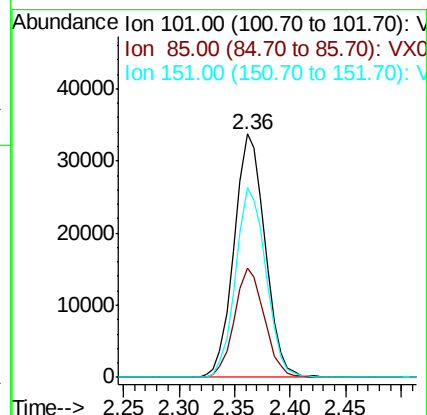
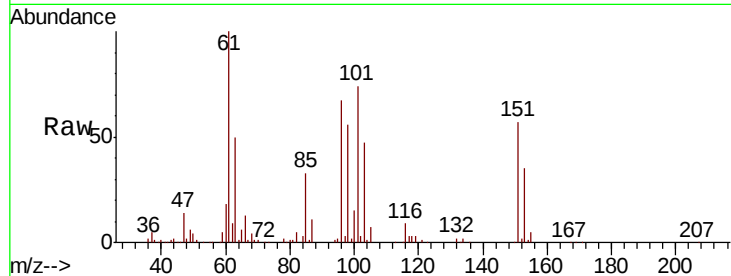
Tot Ion:101 Resp: 65180

Ion Ratio Lower Upper

101 100

85 43.2 35.3 52.9

151 76.4 60.9 91.3



#12

1,1-Dichloroethene

Concen: 5.084 ug/L

RT: 2.36 min Scan# 208

Delta R.T. -0.00 min

Lab File: VX019172.D

Acq: 28 Oct 2020 18:43

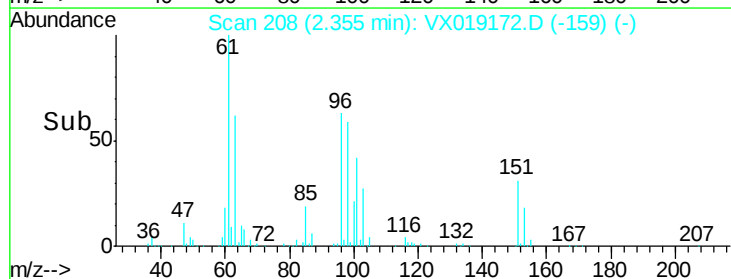
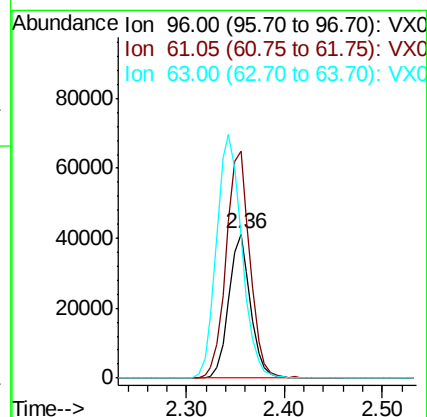
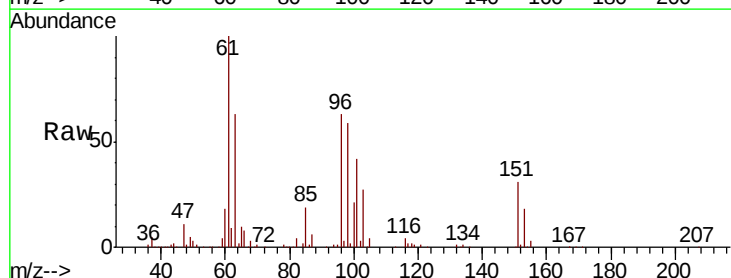
Tgt Ion: 96 Resp: 63074

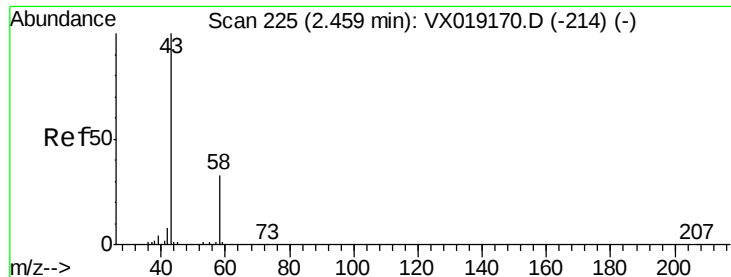
Ion Ratio Lower Upper

96 100

61 157.9 109.5 203.3

63 98.8 68.3 126.9





#13

Acetone

Concen: 51.892 ug/L

RT: 2.45 min Scan# 224

Delta R.T. -0.01 min

Lab File: VX019172.D

Acq: 28 Oct 2020 18:43

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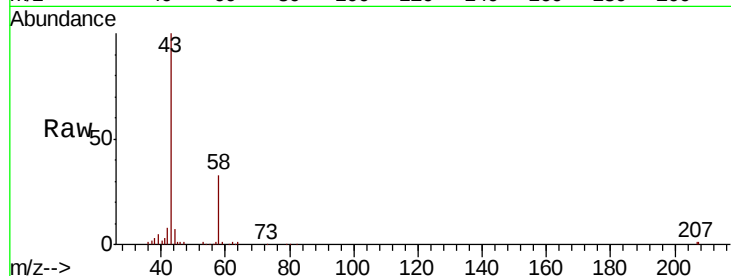
VICV306

Tot Ion: 43 Resp: 80928

Ion Ratio Lower Upper

43 100

58 33.4 0.0 65.4



Abundance Ion 43.05 (42.75 to 43.75): VX0

Ion 58.05 (57.75 to 58.75): VX0

20000

15000

10000

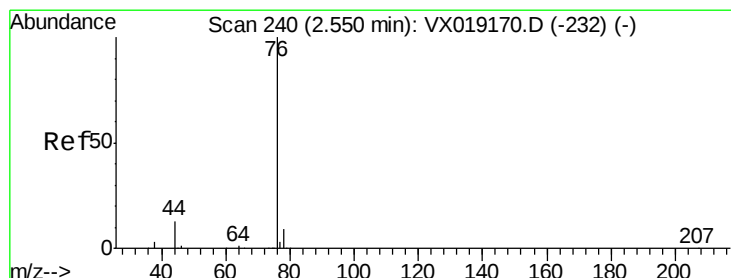
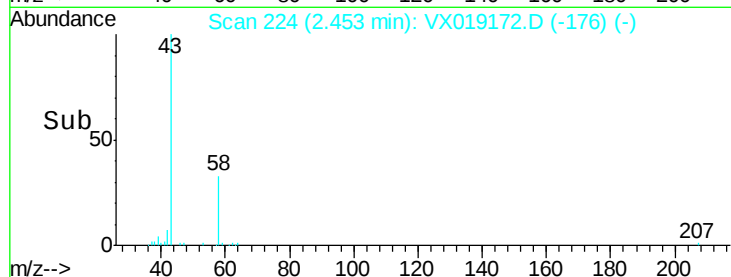
5000

0

2.45

2.40 2.60

Time-->



#14

Carbon disulfide

Concen: 5.092 ug/L

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX019172.D

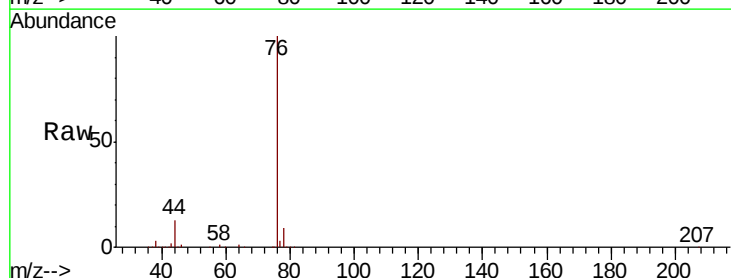
Acq: 28 Oct 2020 18:43

Tgt Ion: 76 Resp: 195933

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.0



Abundance Ion 76.05 (75.75 to 76.75): VX0

Ion 78.00 (77.70 to 78.70): VX0

100000

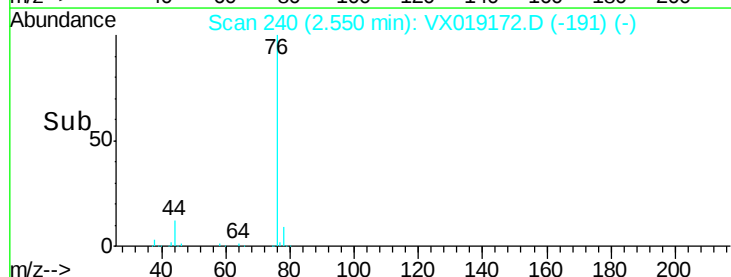
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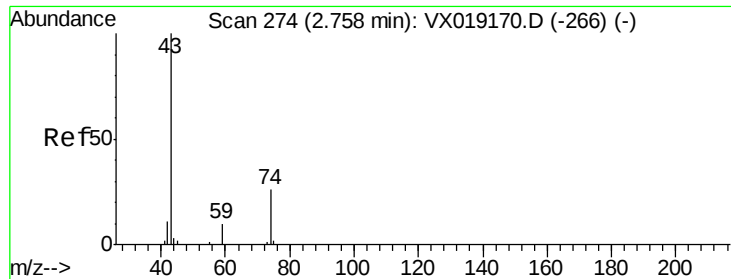
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2.55

2.50 2.60 2.70

Time-->





#15

Methvl Acetate

Concen: 5.208 ug/L

RT: 2.76 min Scan# 274

Delta R.T. -0.00 min

Lab File: VX019172.D

Acq: 28 Oct 2020 18:43

Instrument :

MSVOA_X

ClientSampleId :

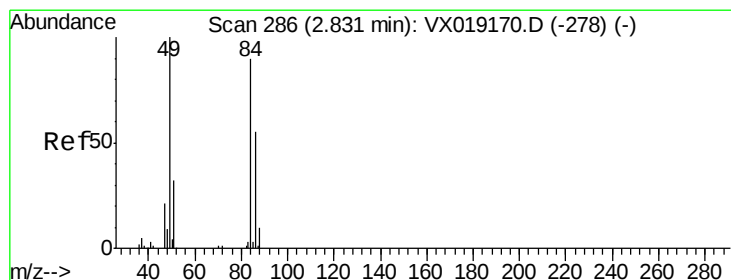
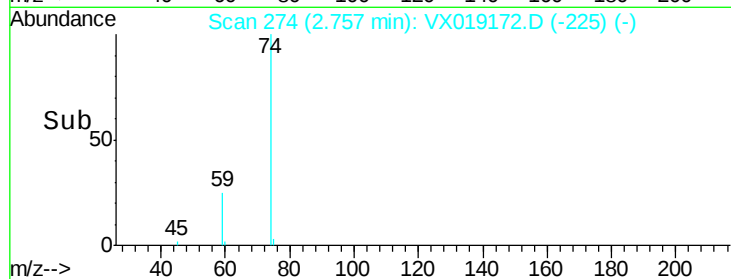
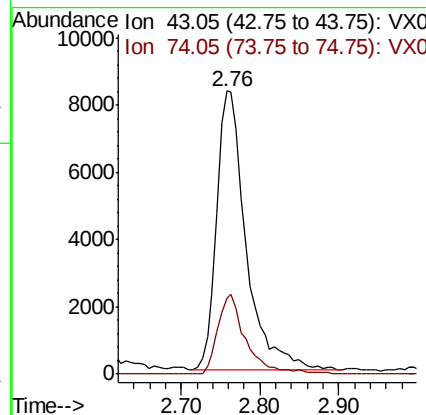
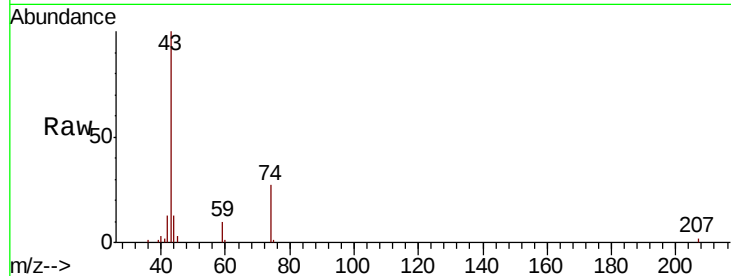
VICV306

Tot Ion: 43 Resp: 21672

Ion Ratio Lower Upper

43 100

74 27.4 22.3 33.5



#16

Methylene chloride

Concen: 4.442 ug/L

RT: 2.83 min Scan# 286

Delta R.T. -0.00 min

Lab File: VX019172.D

Acq: 28 Oct 2020 18:43

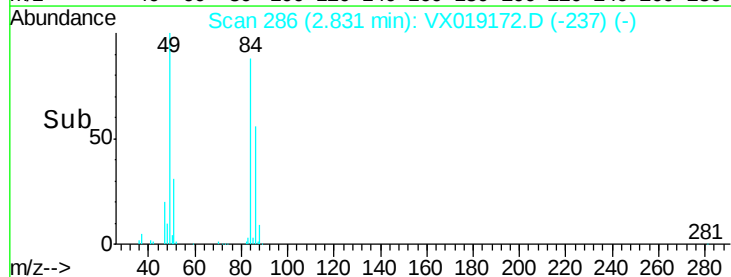
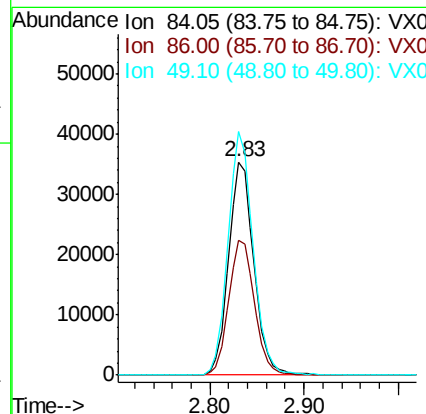
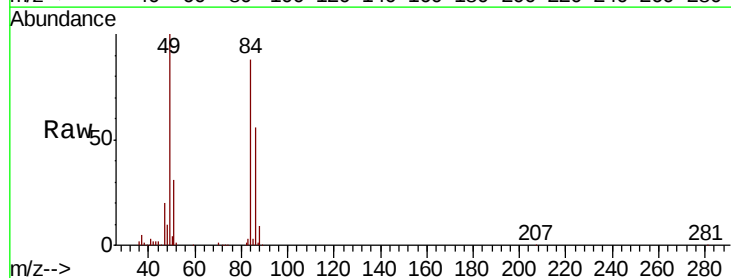
Tgt Ion: 84 Resp: 65717

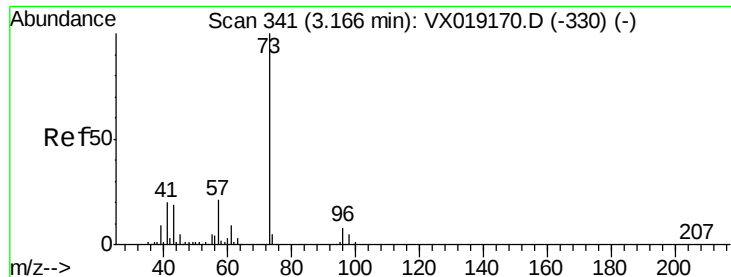
Ion Ratio Lower Upper

84 100

86 63.5 42.2 78.4

49 114.1 77.5 143.9

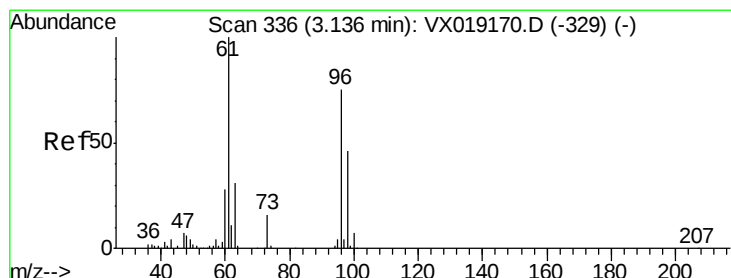
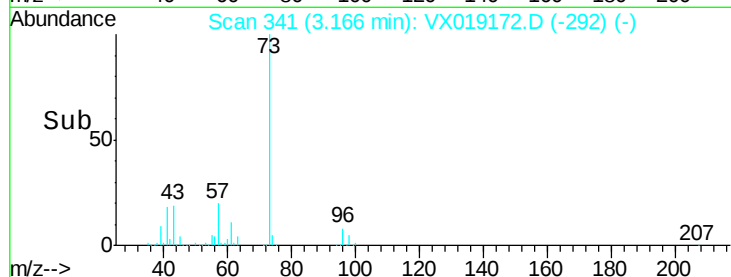
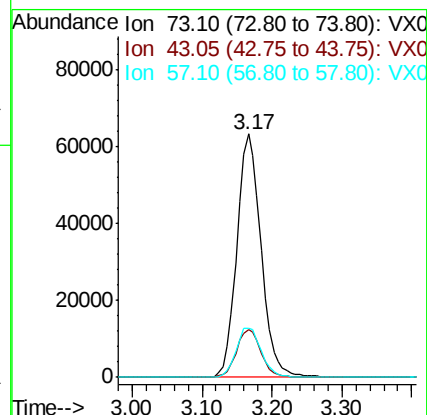
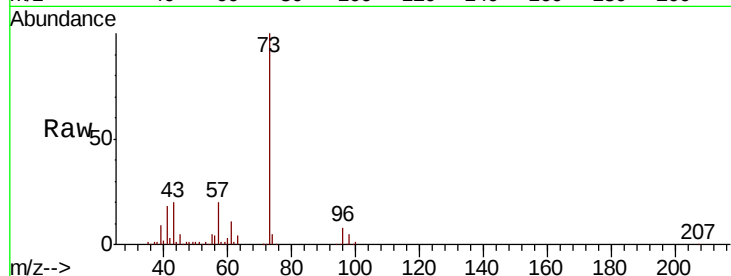




#17
Methvl tert-butvl Ether
Concen: 5.138 ug/L
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX019172.D
Acq: 28 Oct 2020 18:43

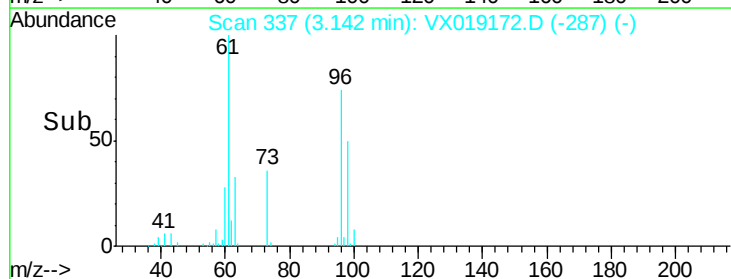
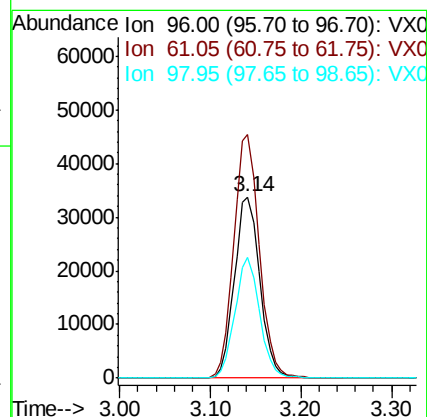
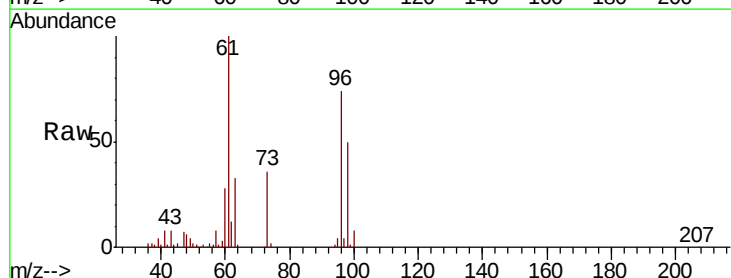
Instrument :
MSVOA_X
ClientSampleId :
VICV306

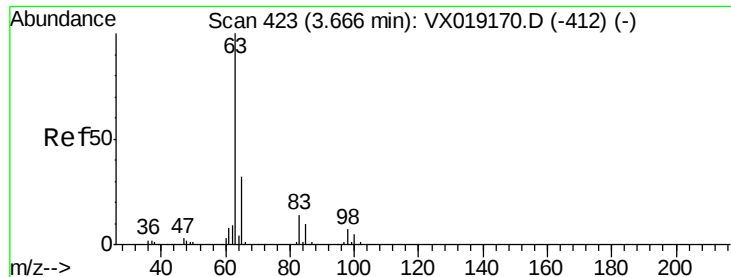
Tot Ion	Ratio	Lower	Upper
73	100		
43	19.7	16.1	24.1
57	21.1	16.8	25.2



#18
trans-1,2-Dichloroethene
Concen: 5.064 ug/L
RT: 3.14 min Scan# 337
Delta R.T. 0.01 min
Lab File: VX019172.D
Acq: 28 Oct 2020 18:43

Tgt Ion	Ratio	Lower	Upper
96	100		
61	134.4	93.7	173.9
98	66.8	42.8	79.6

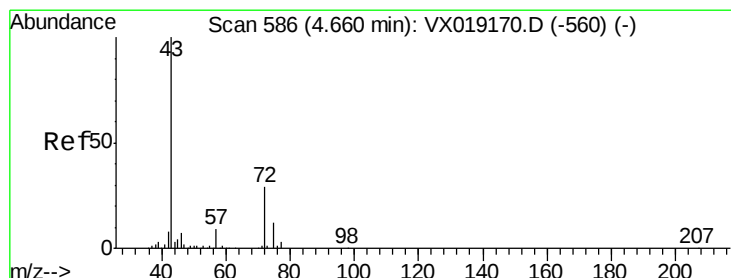
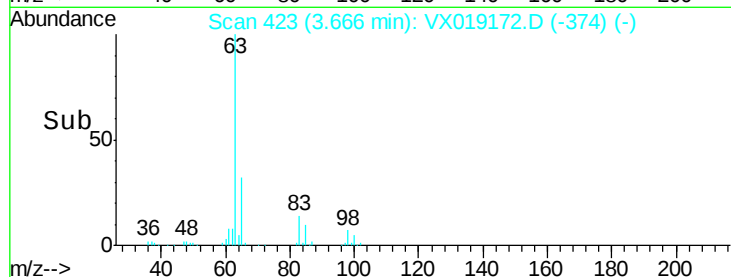
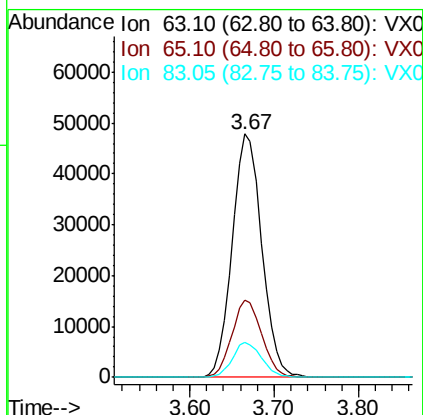
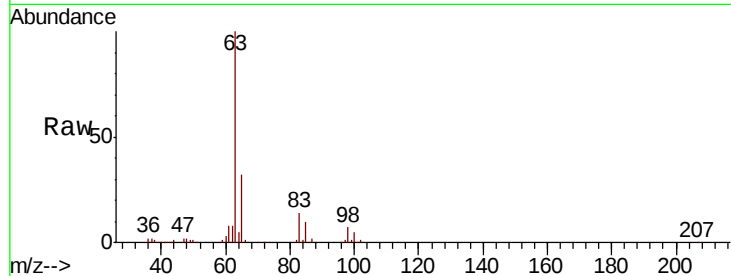




#19
 1,1-Dichloroethane
 Concen: 5.086 ug/L
 RT: 3.67 min Scan# 423
 Delta R.T. -0.00 min
 Lab File: VX019172.D
 Acq: 28 Oct 2020 18:43

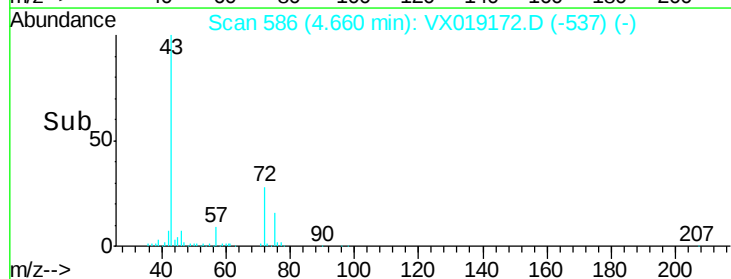
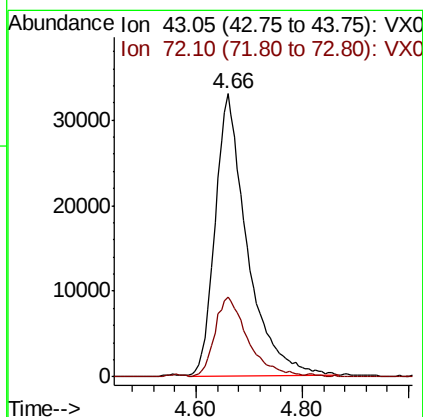
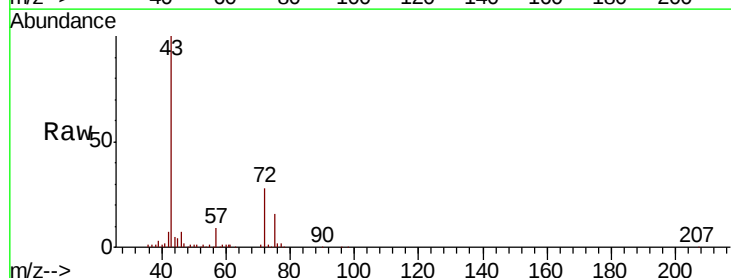
Instrument :
 MSVOA_X
 ClientSampleId :
 VICV306

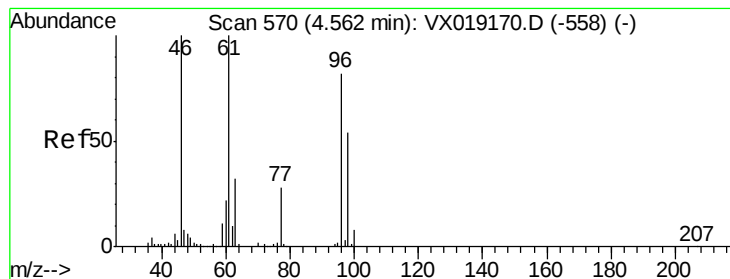
Tot Ion: 63 Resp: 113642
 Ion Ratio Lower Upper
 63 100
 65 31.7 22.5 41.9
 83 14.3 9.7 17.9



#21
 2-Butanone
 Concen: 50.365 ug/L
 RT: 4.66 min Scan# 586
 Delta R.T. -0.00 min
 Lab File: VX019172.D
 Acq: 28 Oct 2020 18:43

Tgt Ion: 43 Resp: 137948
 Ion Ratio Lower Upper
 43 100
 72 28.6 14.4 43.4



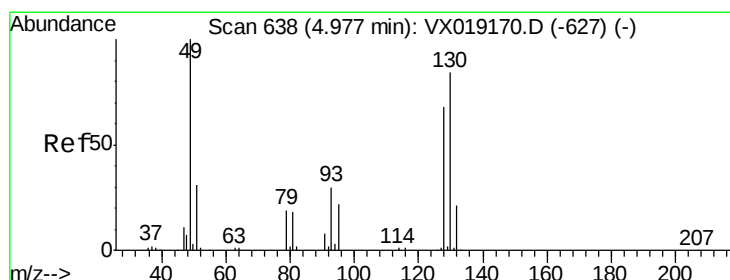
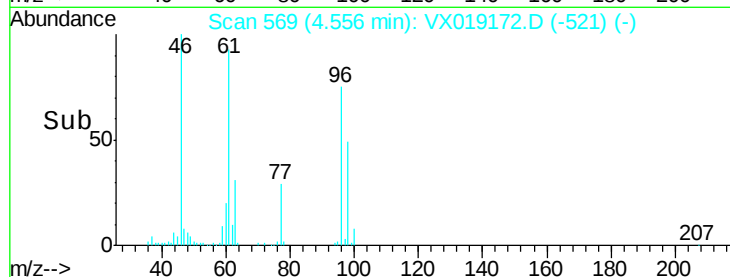
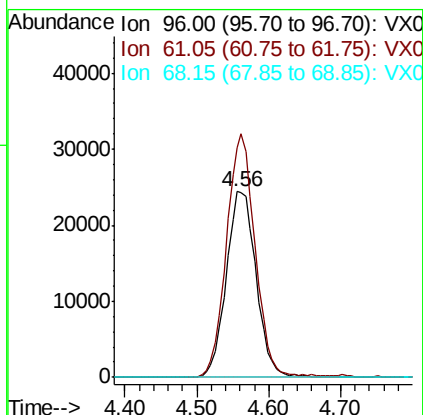
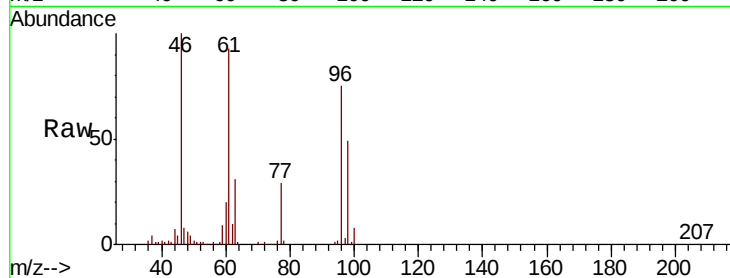


#22

cis-1,2-Dichloroethene
 Concen: 5.076 ug/L
 RT: 4.56 min Scan# 569
 Delta R.T. -0.01 min
 Lab File: VX019172.D
 Acq: 28 Oct 2020 18:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VICV306

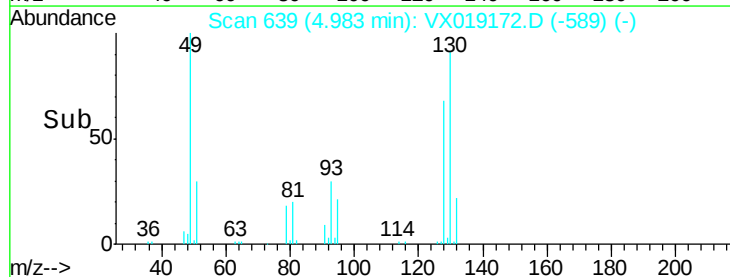
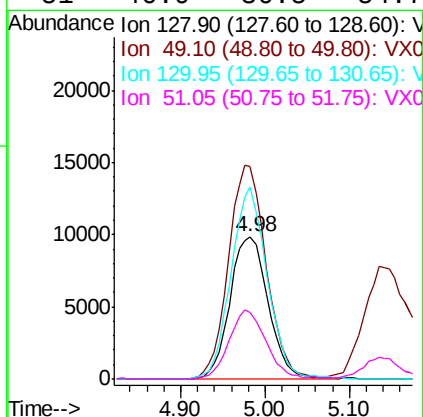
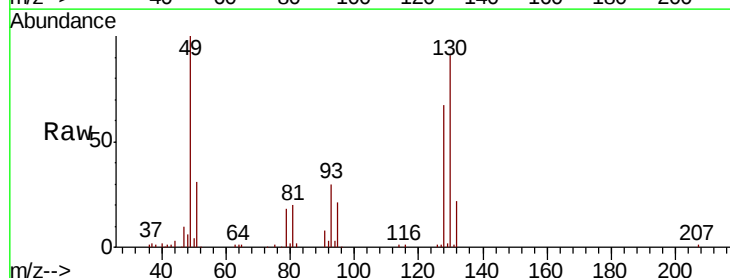
Tot Ion: 96 Resp: 70560
 Ion Ratio Lower Upper
 96 100
 61 123.5 85.7 159.1
 68 0.0 0.0 0.0

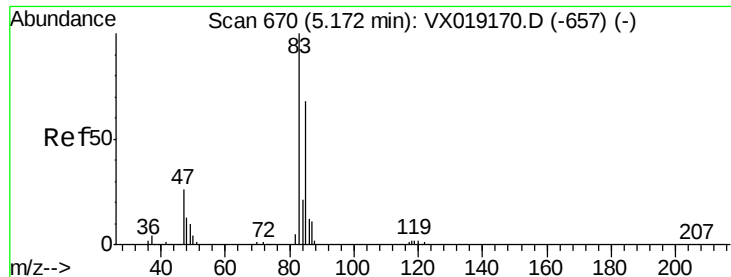


#23

Bromochloromethane
 Concen: 5.254 ug/L
 RT: 4.98 min Scan# 639
 Delta R.T. 0.01 min
 Lab File: VX019172.D
 Acq: 28 Oct 2020 18:43

Tgt Ion: 128 Resp: 30371
 Ion Ratio Lower Upper
 128 100
 49 149.0 102.8 191.0
 130 135.1 86.3 160.3
 51 46.9 36.5 54.7





#25

Chloroform

Concen: 5.075 ug/L

RT: 5.17 min Scan# 670

Delta R.T. -0.00 min

Lab File: VX019172.D

Acq: 28 Oct 2020 18:43

Instrument :

MSVOA_X

ClientSampleId :

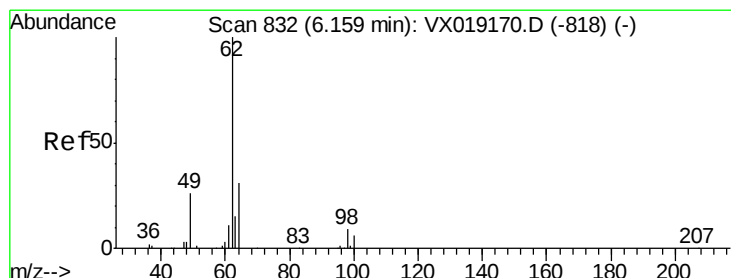
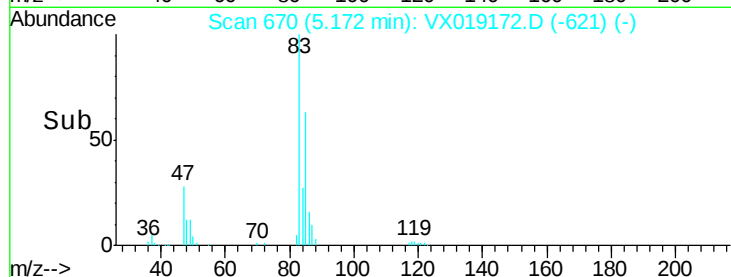
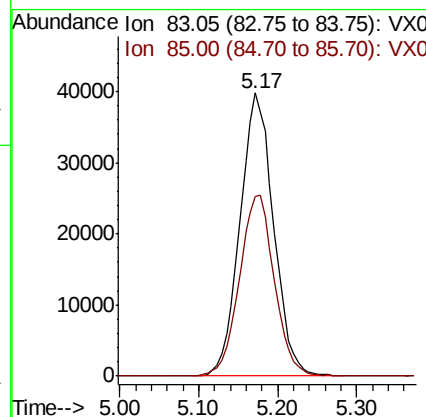
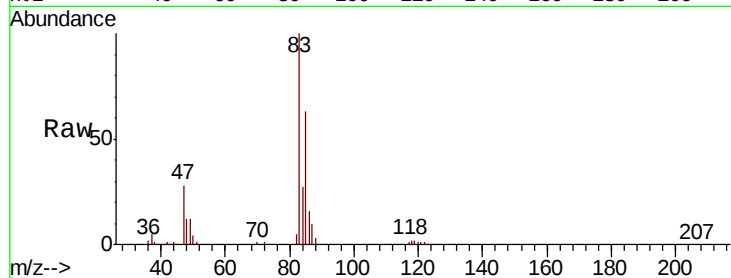
VICV306

Tot Ion: 83 Resp: 117911

Ion Ratio Lower Upper

83 100

85 63.5 47.6 88.4



#27

1,2-Dichloroethane

Concen: 5.026 ug/L

RT: 6.16 min Scan# 832

Delta R.T. -0.00 min

Lab File: VX019172.D

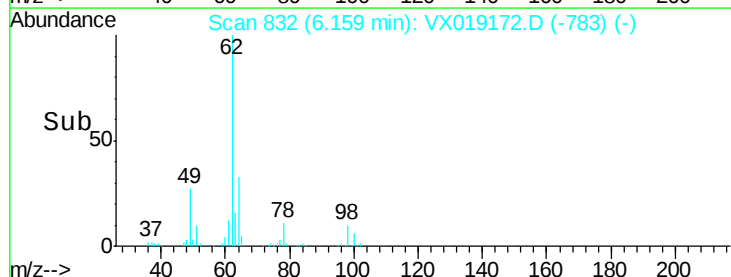
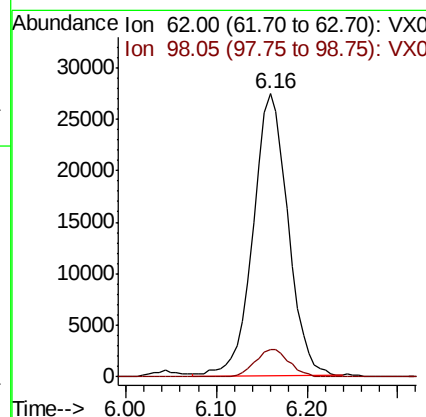
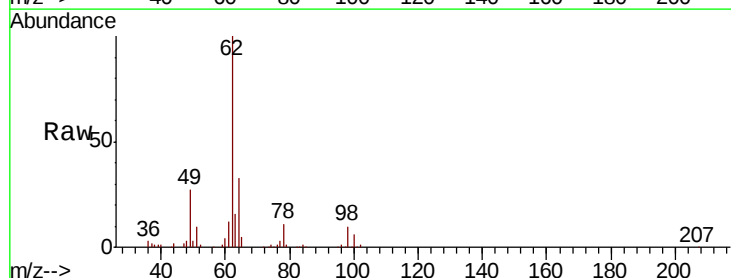
Acq: 28 Oct 2020 18:43

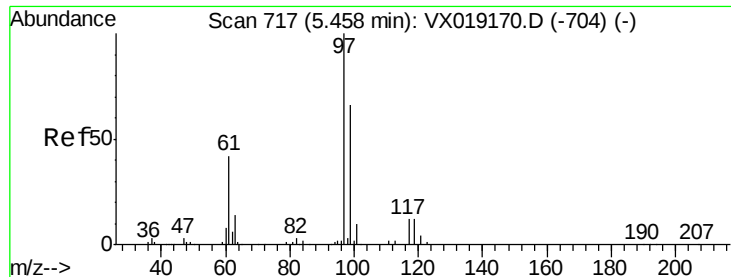
Tgt Ion: 62 Resp: 73063

Ion Ratio Lower Upper

62 100

98 9.8 7.4 11.0

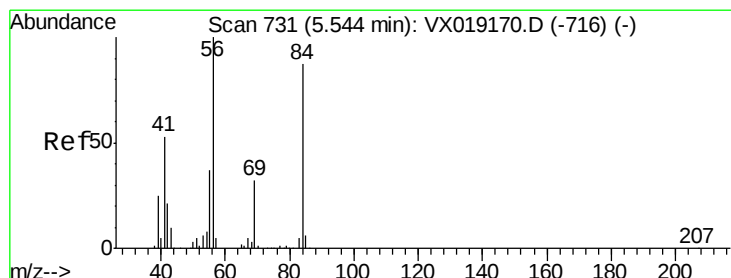
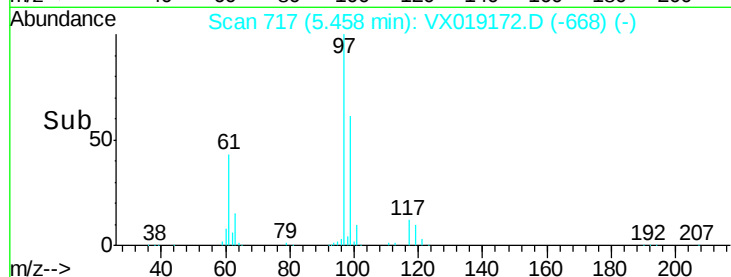
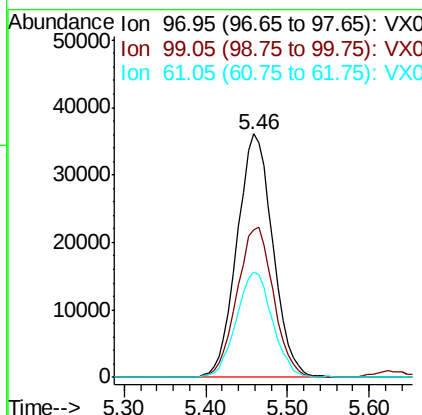
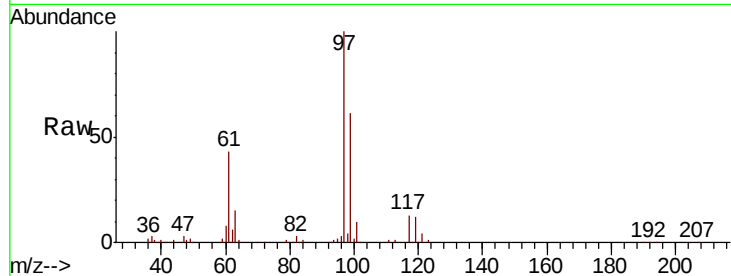




#29
 1,1,1-Trichloroethane
 Concen: 5.085 ug/L
 RT: 5.46 min Scan# 717
 Delta R.T. -0.00 min
 Lab File: VX019172.D
 Acq: 28 Oct 2020 18:43

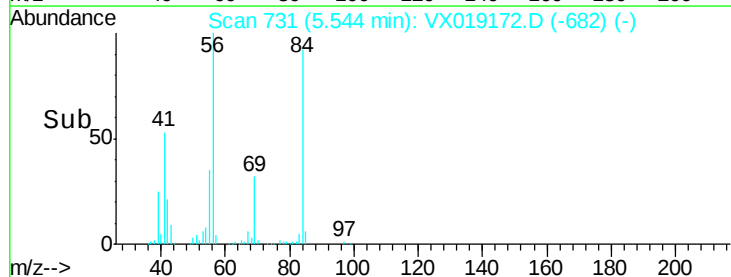
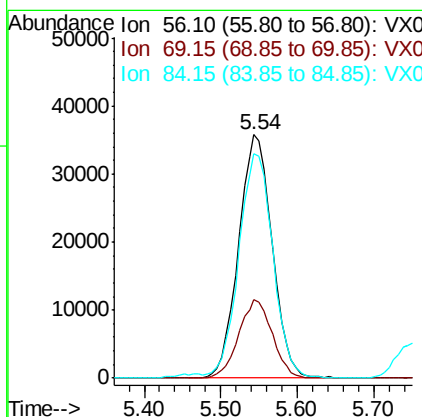
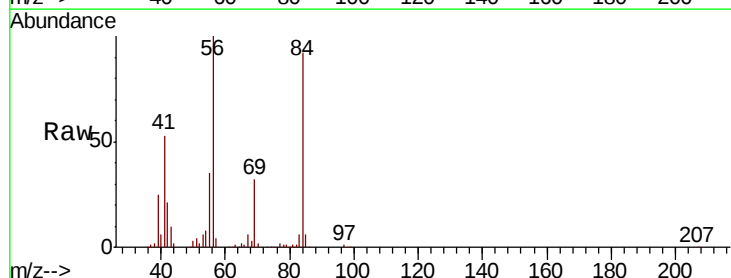
Instrument :
 MSVOA_X
 ClientSampleId :
 VICV306

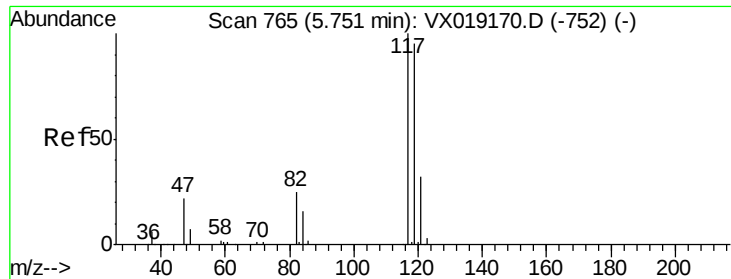
Tot Ion: 97 Resp: 110131
 Ion Ratio Lower Upper
 97 100
 99 62.9 51.8 77.8
 61 43.6 34.5 51.7



#30
 Cyclohexane
 Concen: 5.053 ug/L
 RT: 5.54 min Scan# 731
 Delta R.T. -0.00 min
 Lab File: VX019172.D
 Acq: 28 Oct 2020 18:43

Tgt Ion: 56 Resp: 109111
 Ion Ratio Lower Upper
 56 100
 69 32.4 26.2 39.2
 84 93.7 74.5 111.7

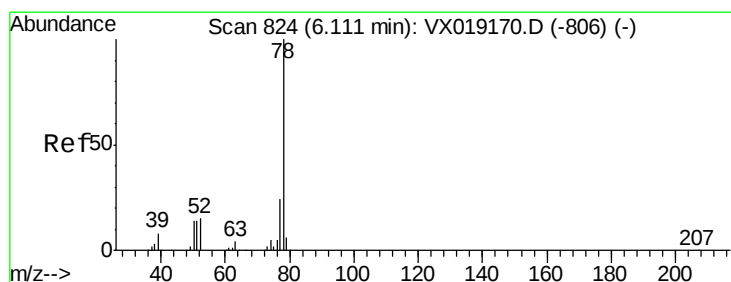
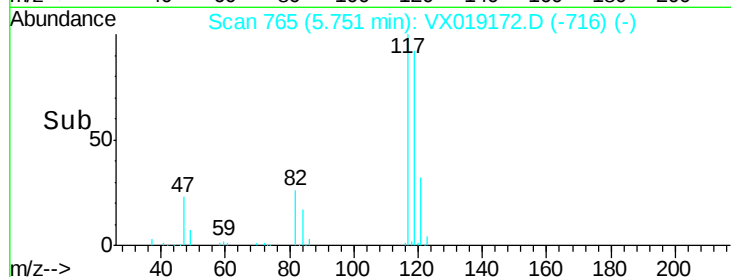
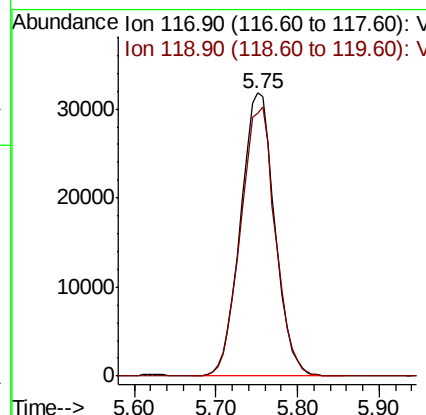
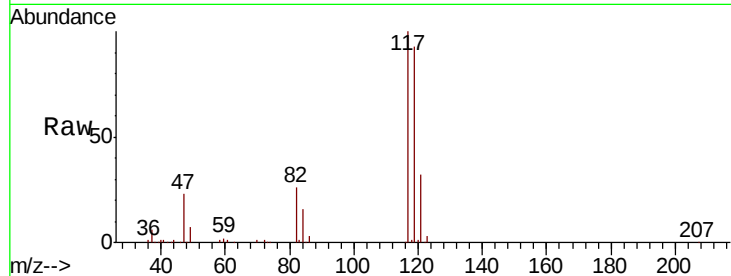




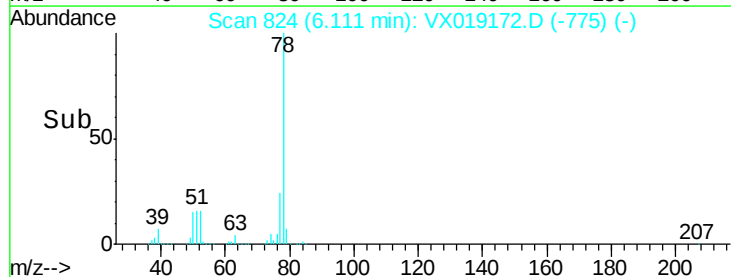
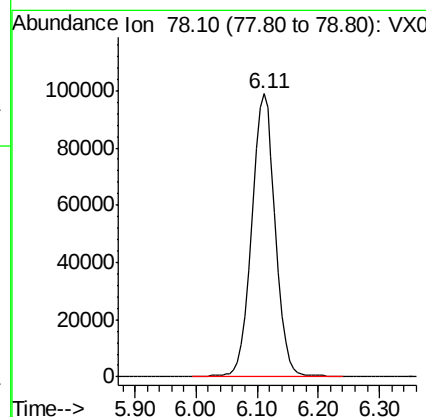
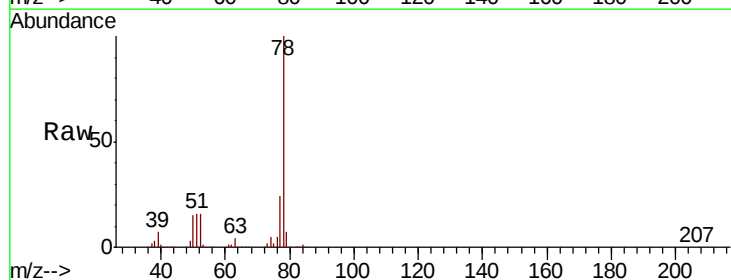
#31
Carbon tetrachloride
Concen: 5.023 ug/L
RT: 5.75 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX019172.D
Acq: 28 Oct 2020 18:43

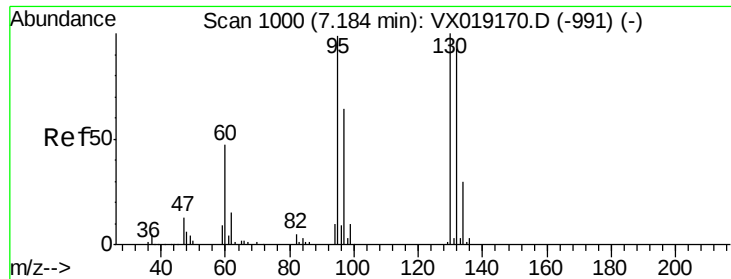
Instrument :
MSVOA_X
ClientSampleId :
VICV306

Tot Ion:117 Resp: 92685
Ion Ratio Lower Upper
117 100
119 96.4 77.3 115.9



#33
Benzene
Concen: 5.088 ug/L
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX019172.D
Acq: 28 Oct 2020 18:43
Tgt Ion: 78 Resp: 265918

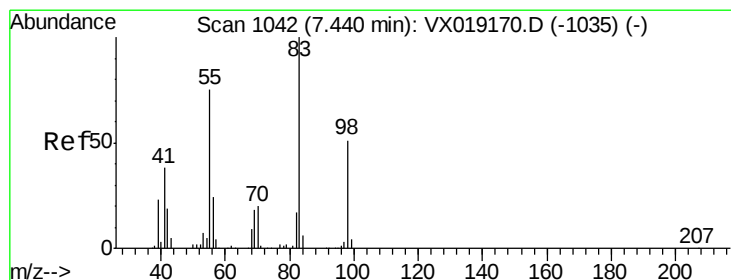
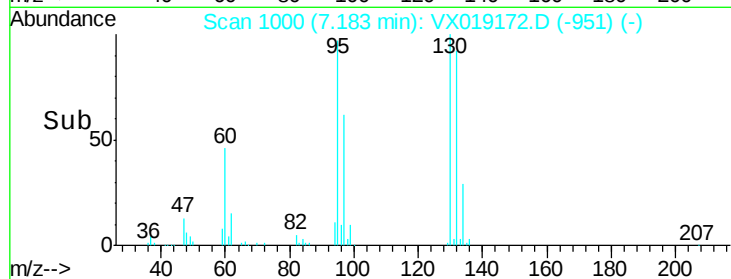
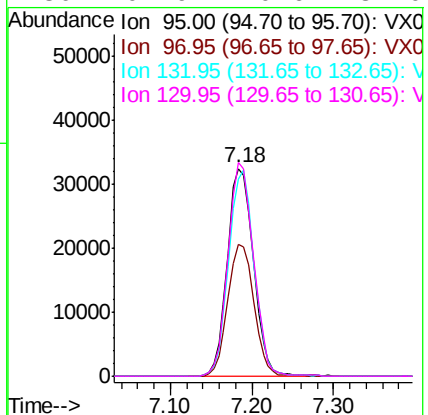
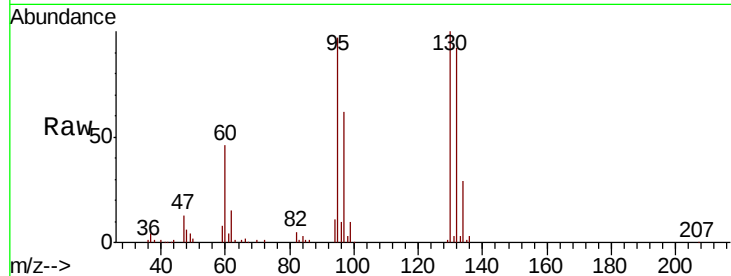




#34
 Trichloroethene
 Concen: 5.011 ug/L
 RT: 7.18 min Scan# 1000
 Delta R.T. -0.00 min
 Lab File: VX019172.D
 Acq: 28 Oct 2020 18:43

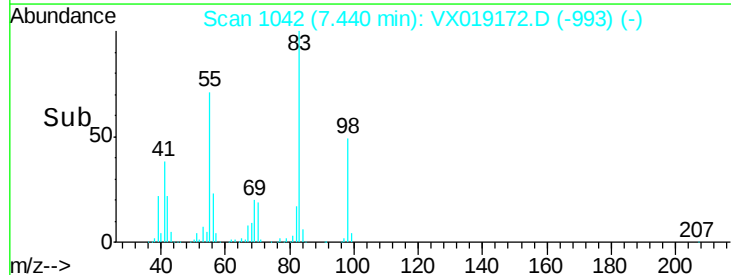
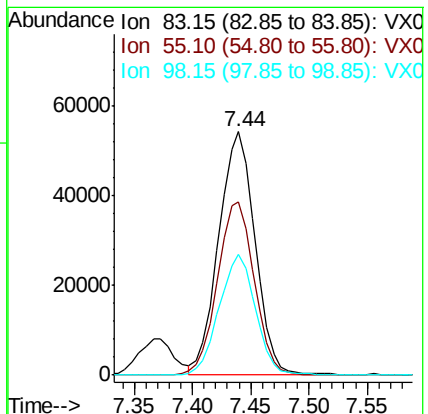
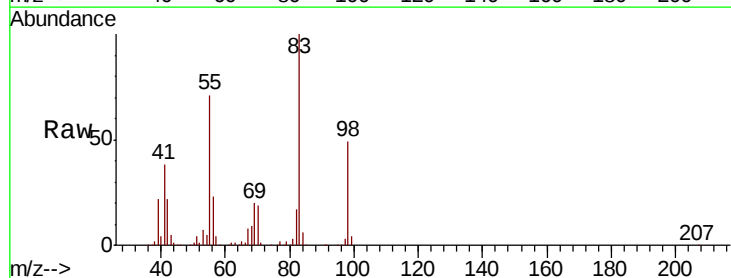
Instrument :
 MSVOA_X
 ClientSampled :
 VICV306

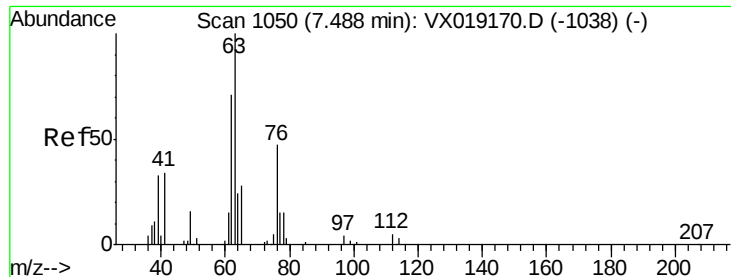
Tot Ion: 95 Resp: 71619
 Ion Ratio Lower Upper
 95 100
 97 63.8 45.2 84.0
 132 95.1 65.3 121.3
 130 102.9 70.6 131.0



#35
 Methylcyclohexane
 Concen: 5.059 ug/L
 RT: 7.44 min Scan# 1042
 Delta R.T. -0.00 min
 Lab File: VX019172.D
 Acq: 28 Oct 2020 18:43

Tgt Ion: 83 Resp: 116921
 Ion Ratio Lower Upper
 83 100
 55 72.4 58.5 87.7
 98 50.1 40.1 60.1

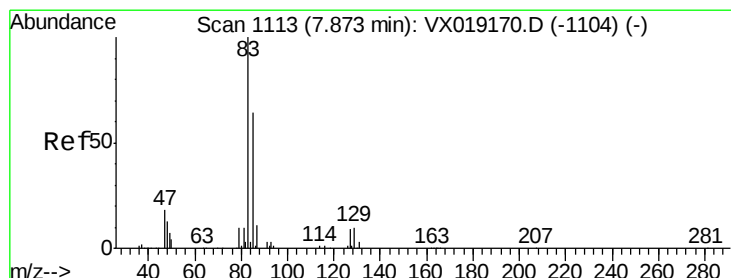
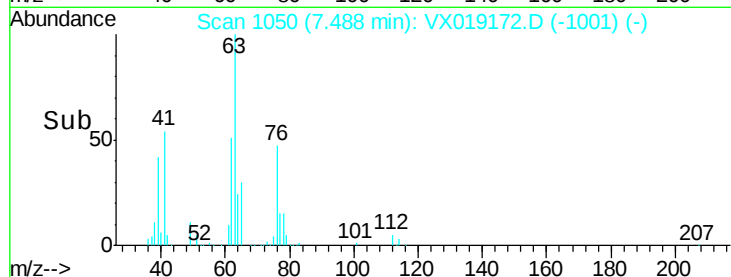
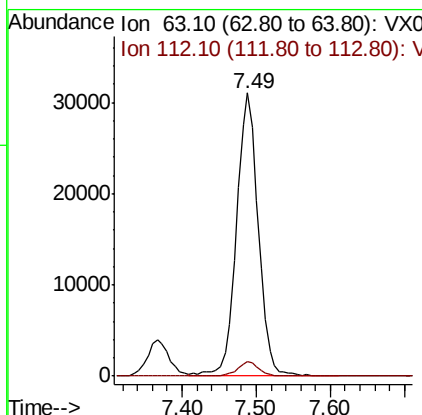
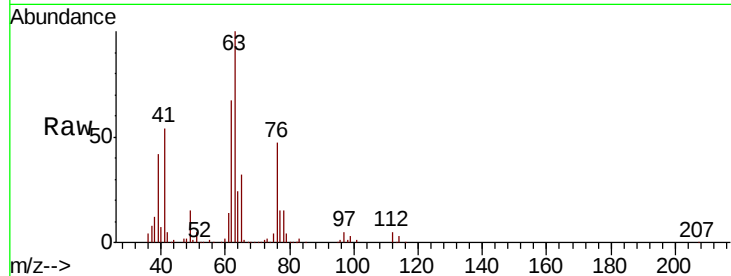




#37
 1,2-Dichloropropane
 Concen: 5.188 ug/L
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VX019172.D
 Acq: 28 Oct 2020 18:43

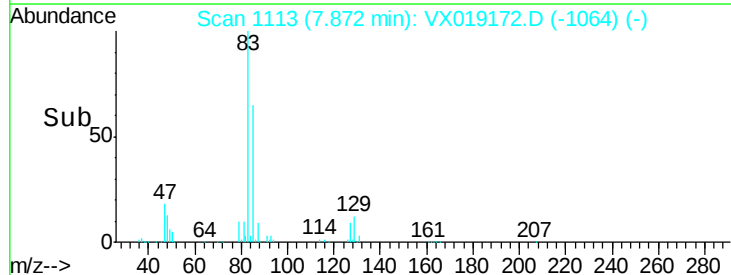
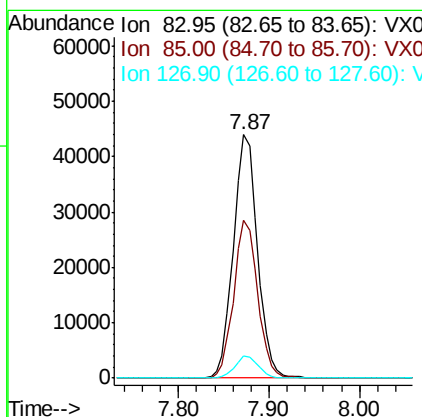
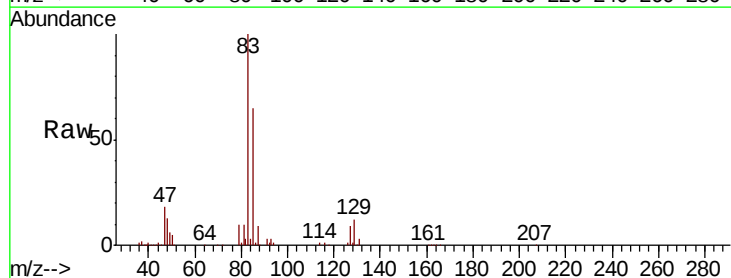
Instrument :
 MSVOA_X
 ClientSampleId :
 VICV306

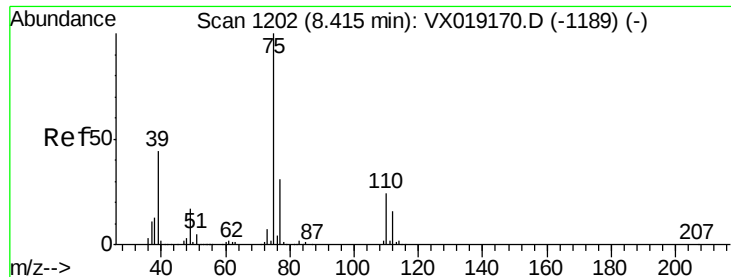
Tot Ion: 63 Resp: 63914
 Ion Ratio Lower Upper
 63 100
 112 4.8 3.8 5.6



#38
 Bromodichloromethane
 Concen: 5.069 ug/L
 RT: 7.87 min Scan# 1113
 Delta R.T. -0.00 min
 Lab File: VX019172.D
 Acq: 28 Oct 2020 18:43

Tgt Ion: 83 Resp: 81296
 Ion Ratio Lower Upper
 83 100
 85 65.0 44.4 82.5
 127 8.9 7.2 10.8



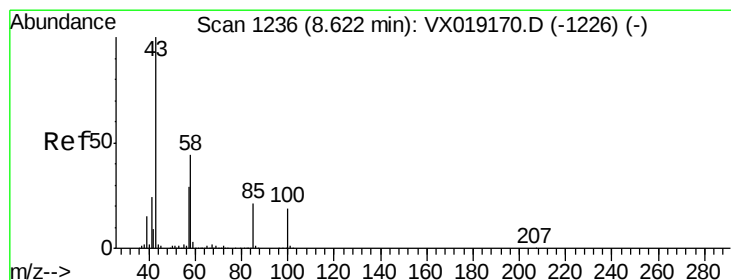
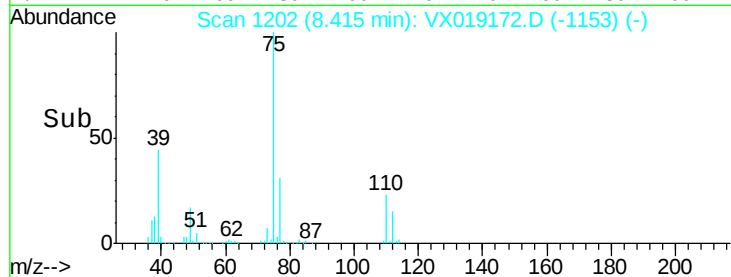
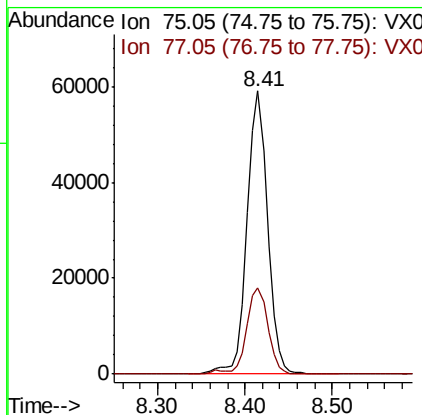
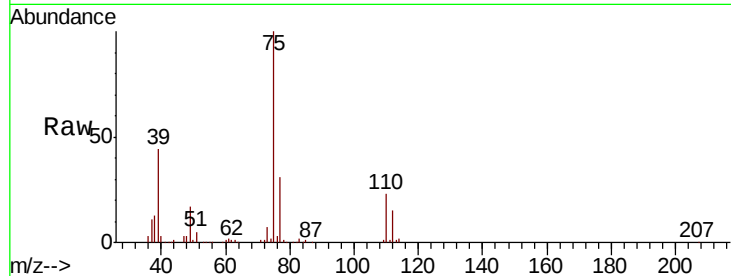


#39

cis-1,3-Dichloropropene
 Concen: 5.102 ug/L
 RT: 8.41 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: VX019172.D
 Acq: 28 Oct 2020 18:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VICV306

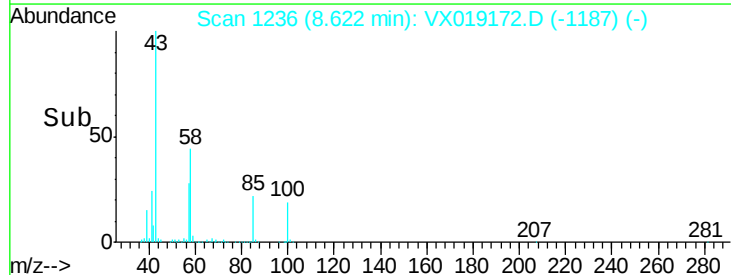
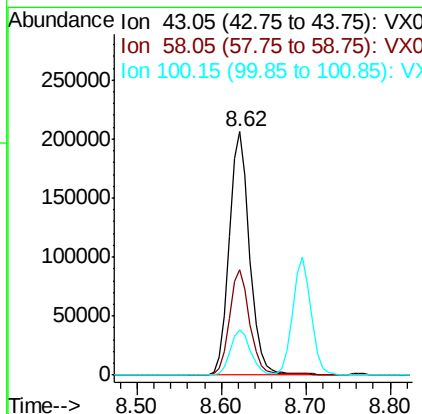
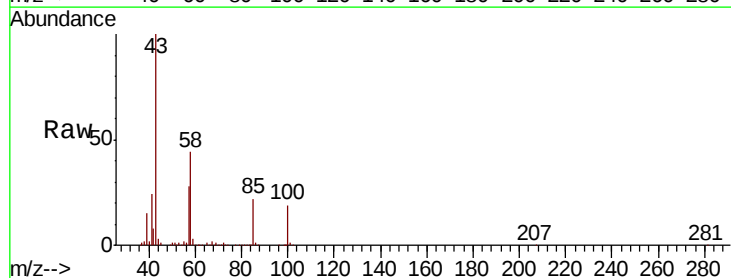
Tot Ion: 75 Resp: 96533
 Ion Ratio Lower Upper
 75 100
 77 30.6 21.8 40.6

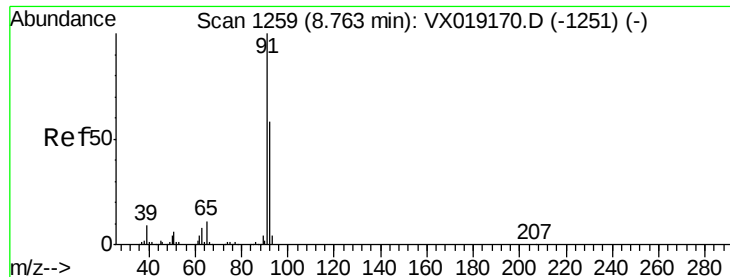


#40

4-Methyl-2-pentanone
 Concen: 51.843 ug/L
 RT: 8.62 min Scan# 1236
 Delta R.T. -0.00 min
 Lab File: VX019172.D
 Acq: 28 Oct 2020 18:43

Tgt Ion: 43 Resp: 341020
 Ion Ratio Lower Upper
 43 100
 58 42.9 34.1 51.1
 100 18.5 15.0 22.4





#42

Toluene

Concen: 5.102 ug/L

RT: 8.76 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VX019172.D

Acq: 28 Oct 2020 18:43

Instrument :

MSVOA_X

ClientSampleId :

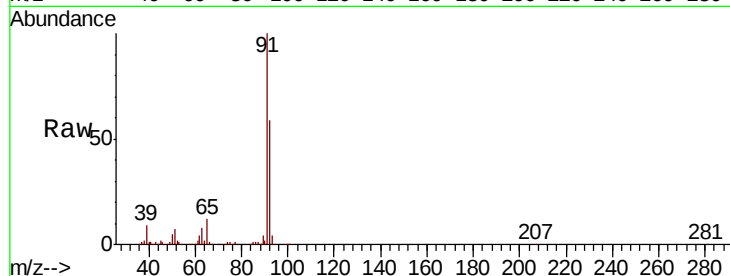
VICV306

Tot Ion: 91 Resp: 288042

Ion Ratio Lower Upper

91 100

92 58.9 40.7 75.7



Abundance Ion 91.15 (90.85 to 91.85): VX0

Ion 92.15 (91.85 to 92.85): VX0

8.76

200000

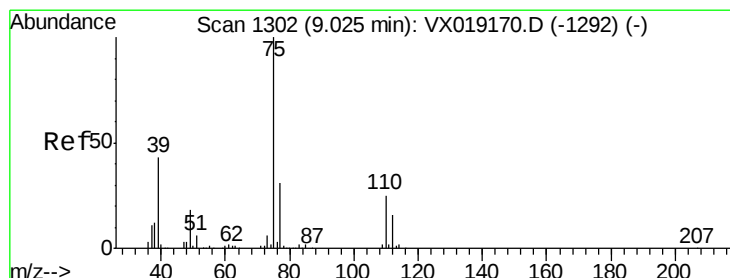
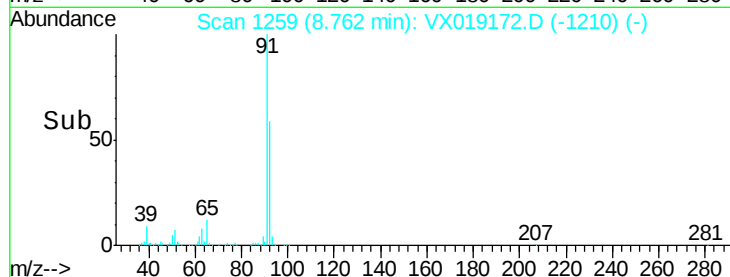
150000

100000

50000

0

Time-->



#44

trans-1,3-Dichloropropene

Concen: 5.103 ug/L

RT: 9.02 min Scan# 1301

Delta R.T. -0.01 min

Lab File: VX019172.D

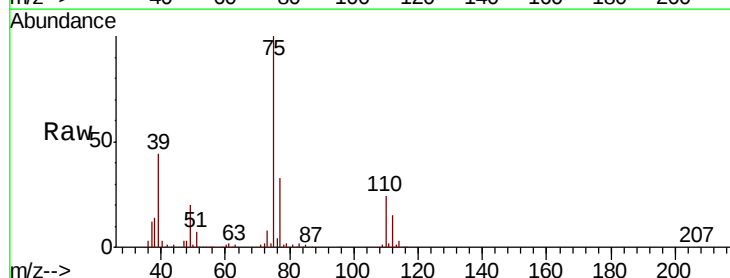
Acq: 28 Oct 2020 18:43

Tgt Ion: 75 Resp: 80847

Ion Ratio Lower Upper

75 100

77 32.5 21.7 40.3



Abundance Ion 75.05 (74.75 to 75.75): VX0

Ion 77.05 (76.75 to 77.75): VX0

9.02

60000

50000

40000

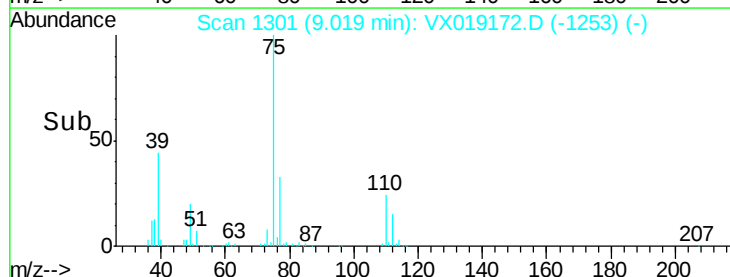
30000

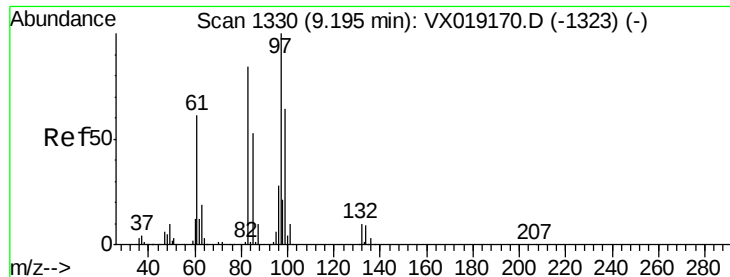
20000

10000

0

Time-->

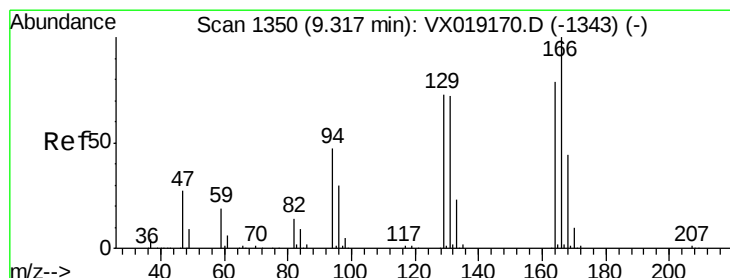
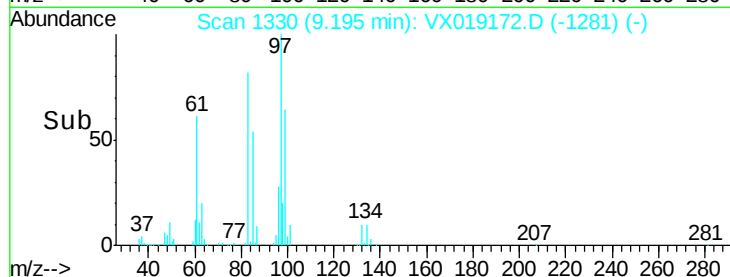
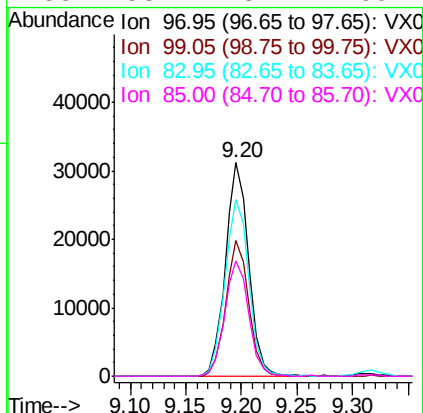
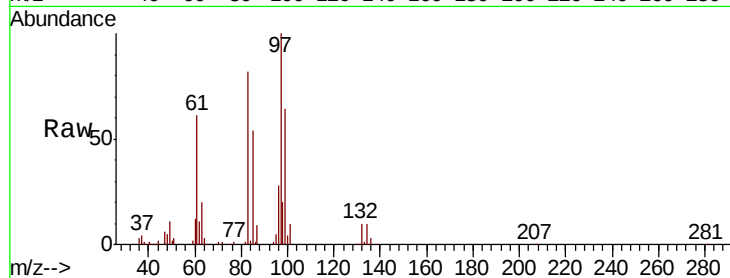




#45
 1,1,2-Trichloroethane
 Concen: 5.013 ug/L
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX019172.D
 Acq: 28 Oct 2020 18:43

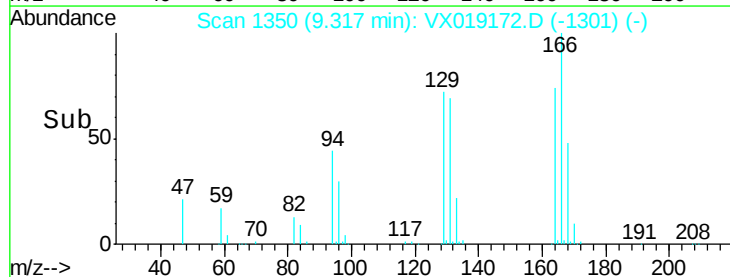
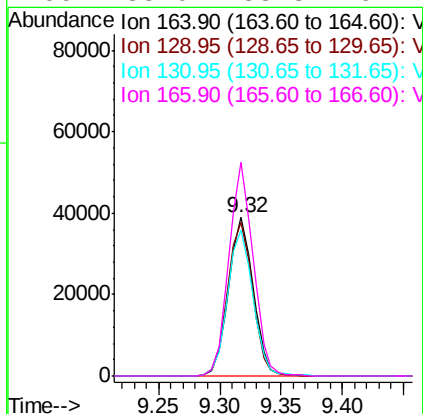
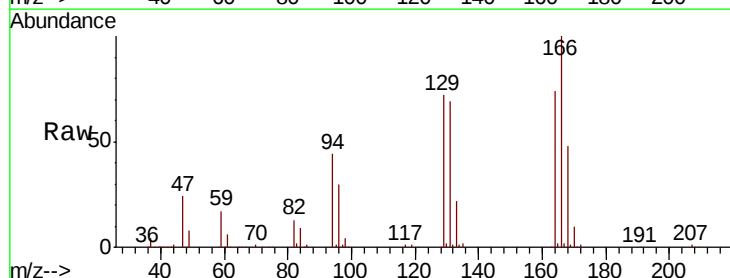
Instrument :
 MSVOA_X
 ClientSampleId :
 VICV306

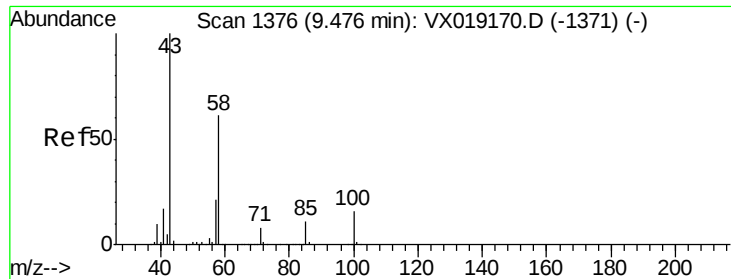
Tot Ion:	97	Resp:	45065
Ion	Ratio	Lower	Upper
97	100		
99	63.7	44.8	83.2
83	82.4	59.1	109.7
85	53.7	37.4	69.4



#47
 Tetrachloroethene
 Concen: 4.975 ug/L
 RT: 9.32 min Scan# 1350
 Delta R.T. -0.00 min
 Lab File: VX019172.D
 Acq: 28 Oct 2020 18:43

Tgt Ion:	164	Resp:	54274
Ion	Ratio	Lower	Upper
164	100		
129	97.3	64.2	119.2
131	92.5	63.8	118.4
166	135.0	88.3	164.1

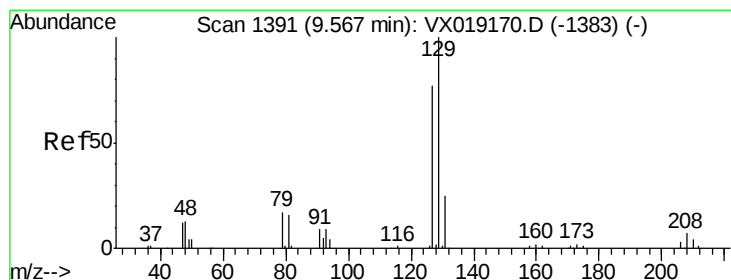
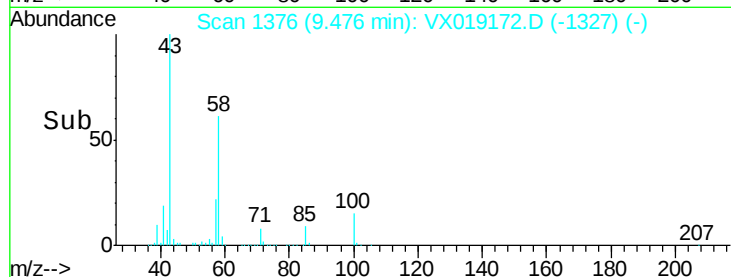
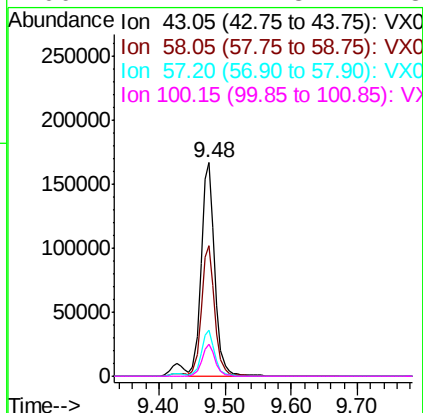
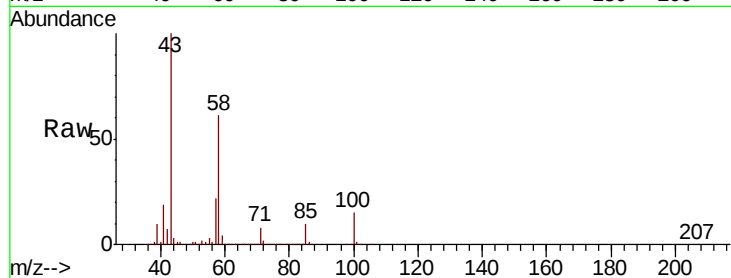




#48
2-Hexanone
Concen: 52.668 ug/L
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX019172.D
Acq: 28 Oct 2020 18:43

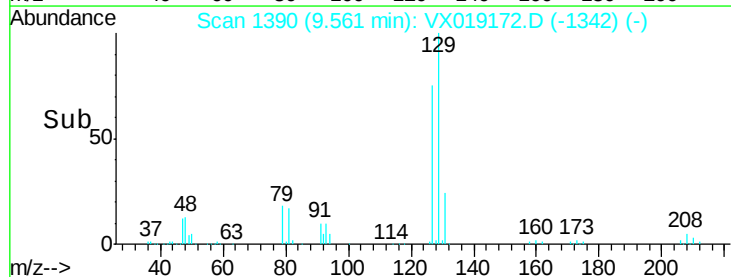
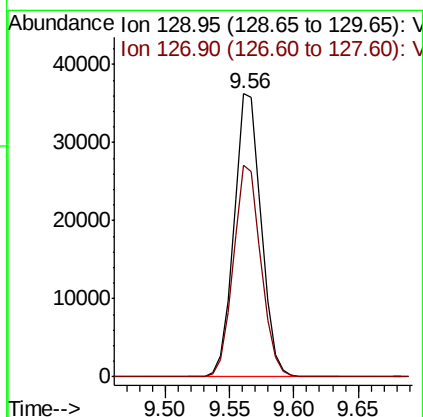
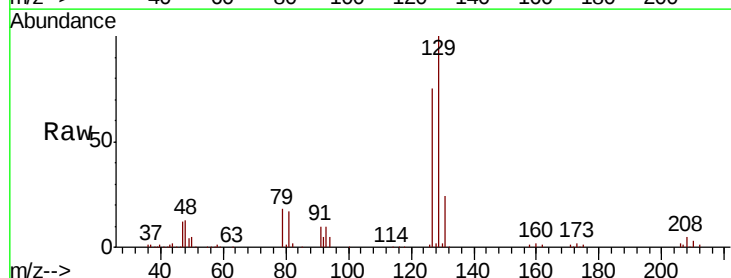
Instrument :
MSVOA_X
ClientSampleId :
VICV306

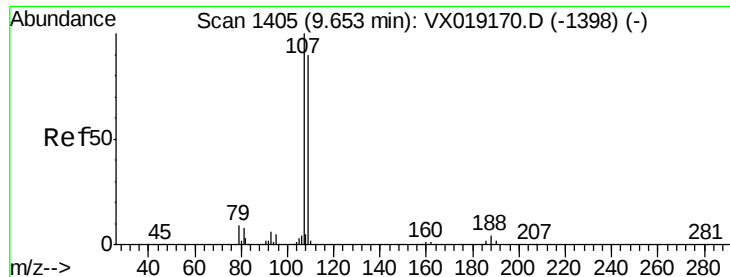
Tot Ion: 43 Resp: 242332
Ion Ratio Lower Upper
43 100
58 59.7 49.3 73.9
57 21.1 17.2 25.8
100 14.7 11.8 17.8



#49
Dibromochloromethane
Concen: 5.115 ug/L
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX019172.D
Acq: 28 Oct 2020 18:43

Tgt Ion: 129 Resp: 53227
Ion Ratio Lower Upper
129 100
127 74.8 53.6 99.6

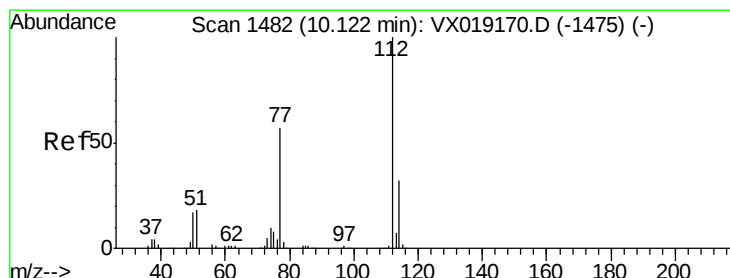
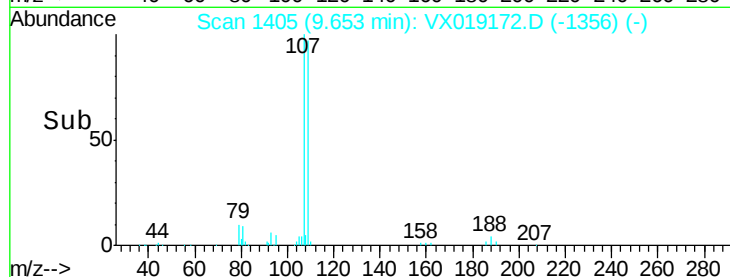
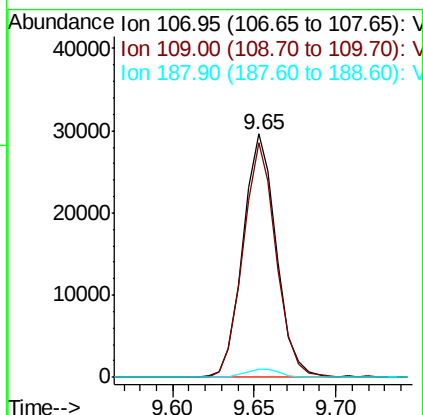
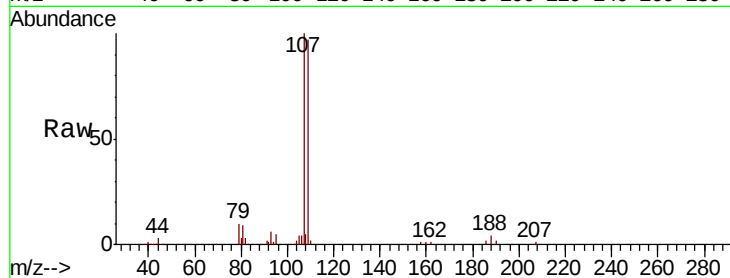




#50
1,2-Dibromoethane
Concen: 5.042 ug/L
RT: 9.65 min Scan# 1405
Delta R.T. -0.00 min
Lab File: VX019172.D
Acq: 28 Oct 2020 18:43

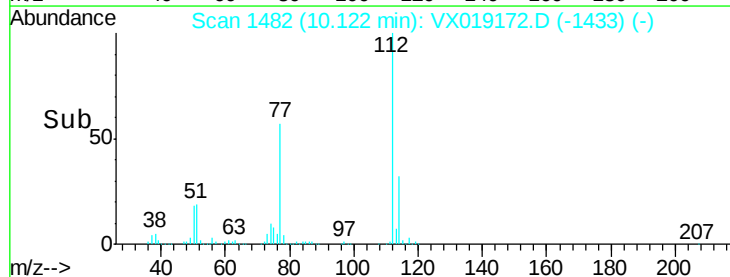
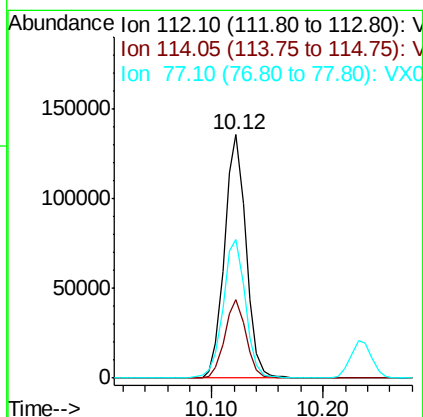
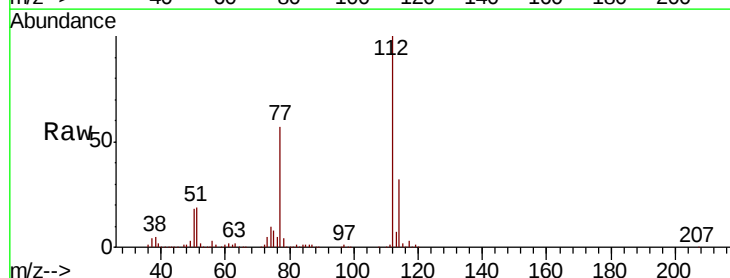
Instrument :
MSVOA_X
ClientSampleId :
VICV306

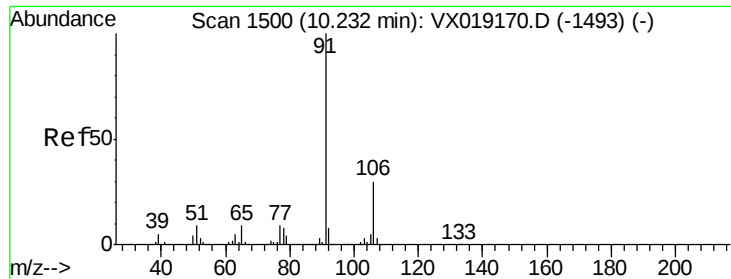
Tot Ion	Ratio	Lower	Upper
107	100		
109	96.6	62.9	116.9
188	3.6	3.0	4.4



#51
Chlorobenzene
Concen: 5.097 ug/L
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX019172.D
Acq: 28 Oct 2020 18:43

Tgt Ion	Ratio	Lower	Upper
112	100		
114	32.0	22.5	41.9
77	56.9	46.2	69.2





#52

Ethylbenzene

Concen: 5.091 ug/L

RT: 10.23 min Scan# 1500

Delta R.T. -0.00 min

Lab File: VX019172.D

Acq: 28 Oct 2020 18:43

Instrument :

MSVOA_X

ClientSampleId :

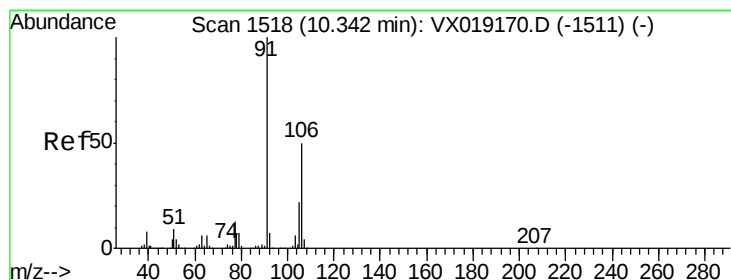
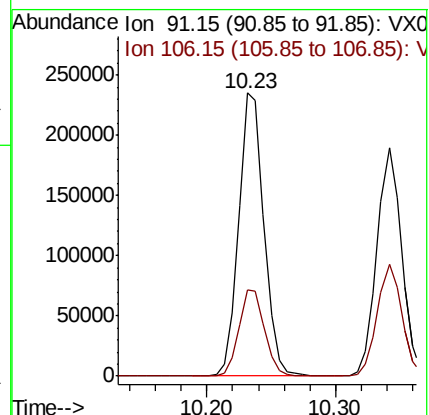
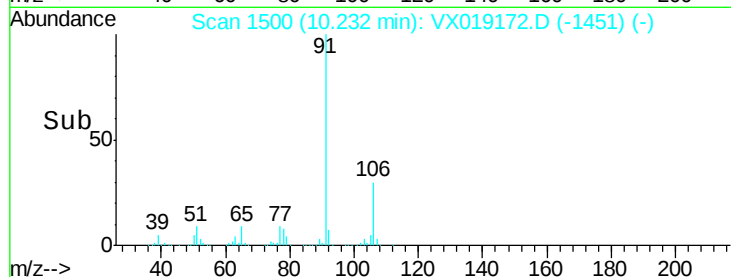
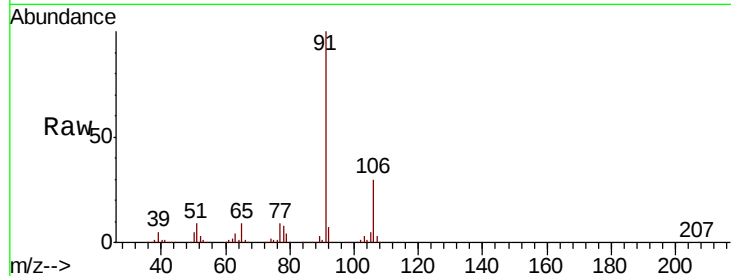
VICV306

Tot Ion: 91 Resp: 321516

Ion Ratio Lower Upper

91 100

106 30.5 21.1 39.1



#53

m,p-xylene

Concen: 5.074 ug/L

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX019172.D

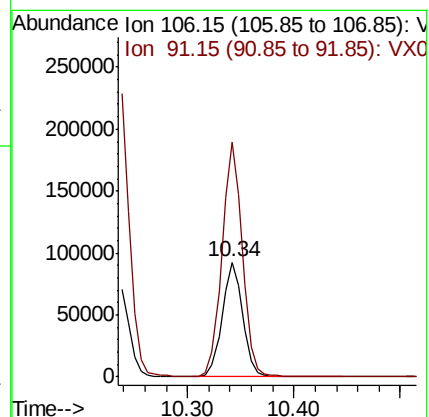
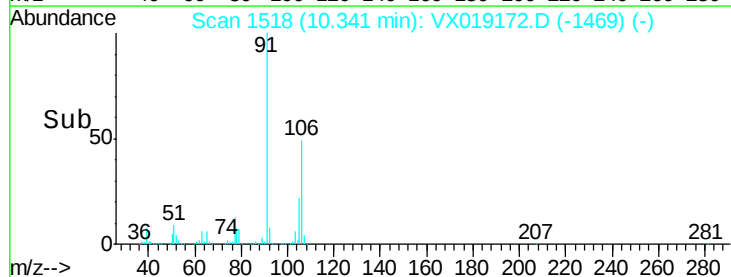
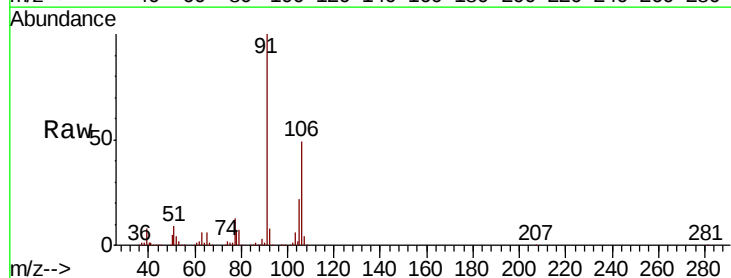
Acq: 28 Oct 2020 18:43

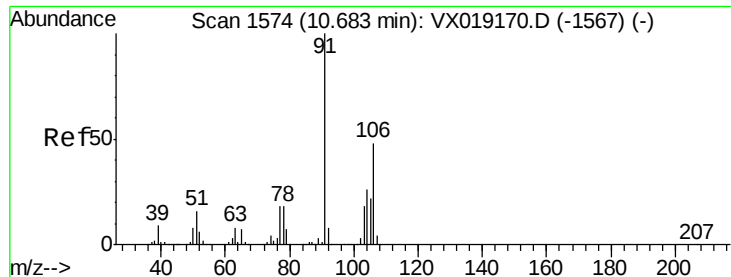
Tgt Ion: 106 Resp: 122951

Ion Ratio Lower Upper

106 100

91 204.3 141.5 262.7





#54

o-xylene

Concen: 5.104 ug/L

RT: 10.68 min Scan# 1574

Delta R.T. -0.00 min

Lab File: VX019172.D

Acq: 28 Oct 2020 18:43

Instrument :

MSVOA_X

ClientSampled :

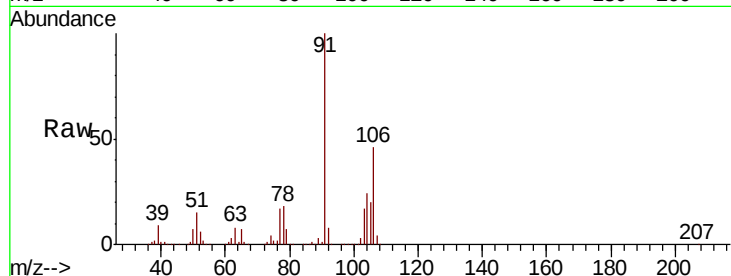
VICV306

Tot Ion:106 Resp: 118485

Ion Ratio Lower Upper

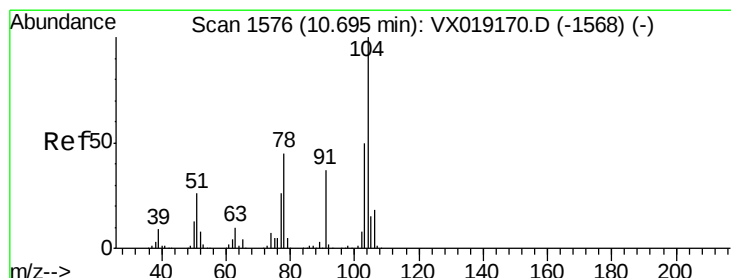
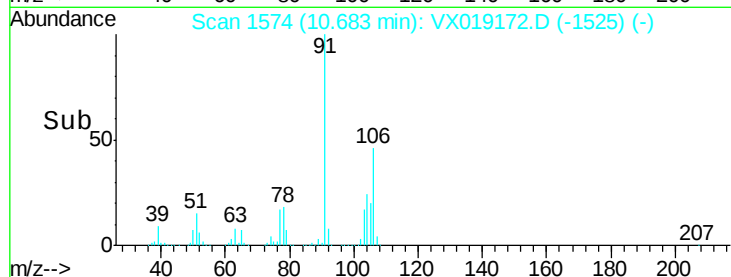
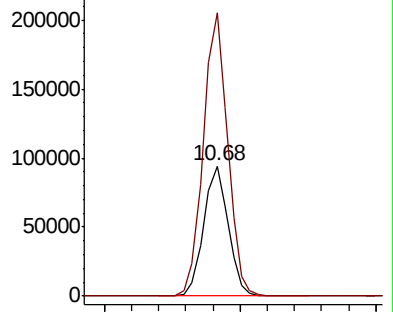
106 100

91 217.5 145.9 271.1



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VX0



#55

Styrene

Concen: 5.085 ug/L

RT: 10.70 min Scan# 1576

Delta R.T. -0.00 min

Lab File: VX019172.D

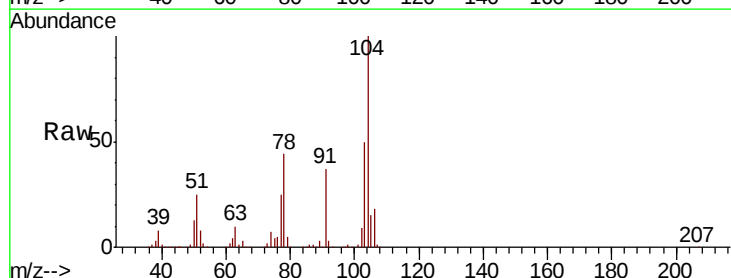
Acq: 28 Oct 2020 18:43

Tgt Ion:104 Resp: 192845

Ion Ratio Lower Upper

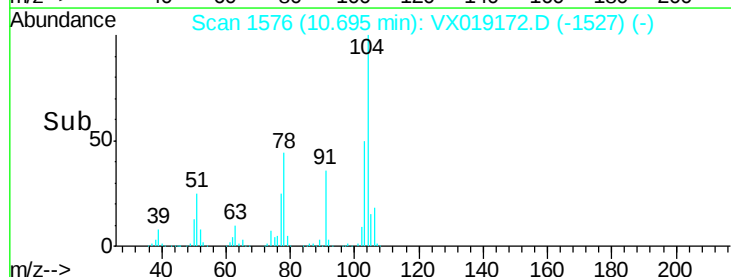
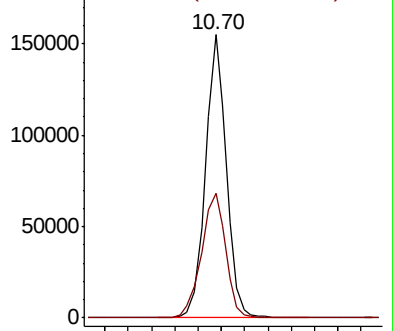
104 100

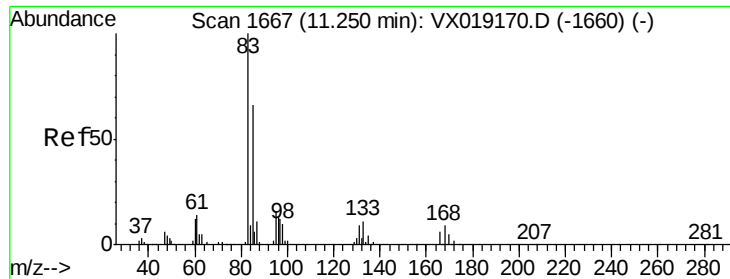
78 44.2 31.7 58.9



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VX0





#57

1,1,2,2-Tetrachloroethane

Concen: 5.113 ug/L

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX019172.D

Acq: 28 Oct 2020 18:43

Instrument :

MSVOA_X

ClientSampleId :

VICV306

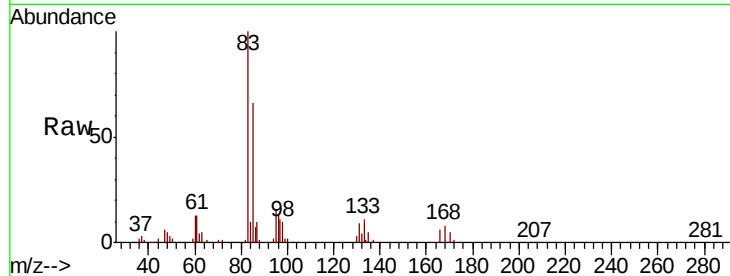
Tot Ion: 83 Resp: 52388

Ion Ratio Lower Upper

83 100

85 65.6 46.0 85.4

131 9.4 7.7 11.5

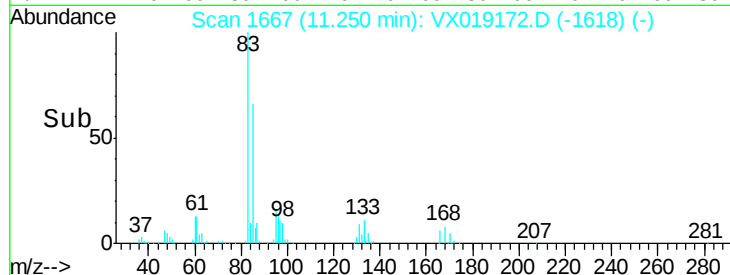


Abundance Ion 82.95 (82.65 to 83.65): VX019172.D (-1660) (-)

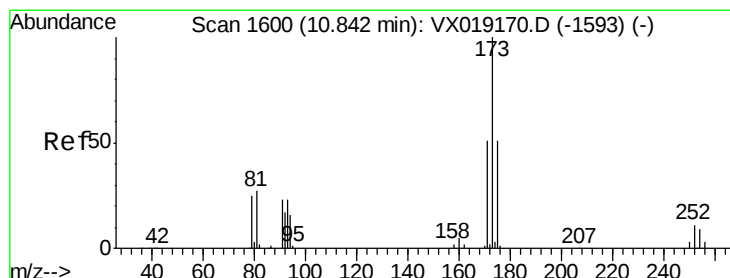
Ion 85.00 (84.70 to 85.70): VX019172.D (-1660) (-)

Ion 130.95 (130.65 to 131.65): VX019172.D (-1660) (-)

Time-->



Time-->



#59

Bromoform

Concen: 4.998 ug/L

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX019172.D

Acq: 28 Oct 2020 18:43

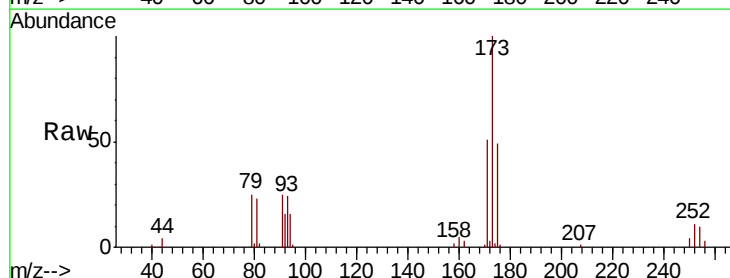
Tgt Ion: 173 Resp: 27458

Ion Ratio Lower Upper

173 100

175 47.7 38.6 57.8

254 8.9 7.4 11.0

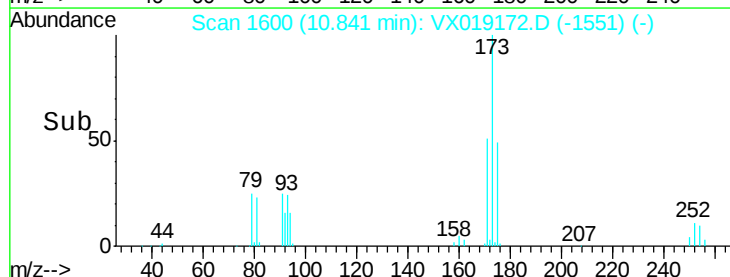


Abundance Ion 172.90 (172.60 to 173.60): VX019172.D (-1593) (-)

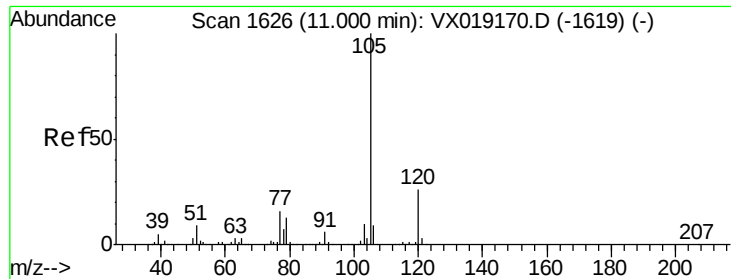
Ion 174.90 (174.60 to 175.60): VX019172.D (-1593) (-)

Ion 253.75 (253.45 to 254.45): VX019172.D (-1593) (-)

Time-->



Time-->



#60

Isopropylbenzene

Concen: 5.203 ug/L

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX019172.D

Acq: 28 Oct 2020 18:43

Instrument :

MSVOA_X

ClientSampleId :

VICV306

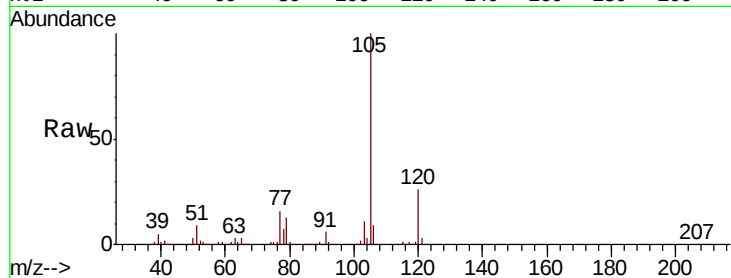
Tot Ion:105 Resp: 319847

Ion Ratio Lower Upper

105 100

120 26.3 21.4 32.2

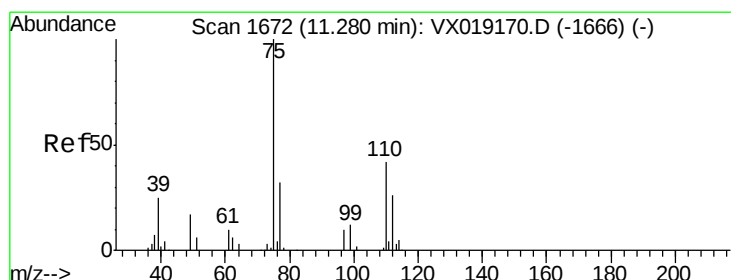
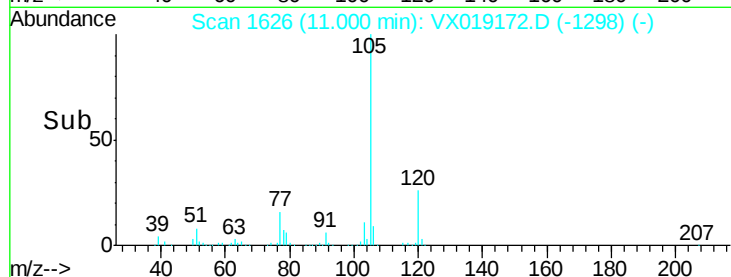
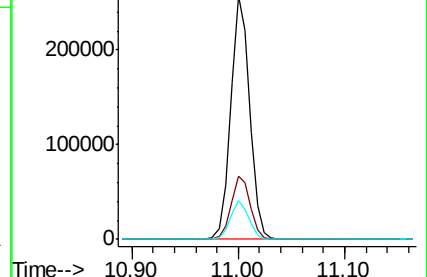
77 15.7 12.9 19.3



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: 5.222 ug/L

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX019172.D

Acq: 28 Oct 2020 18:43

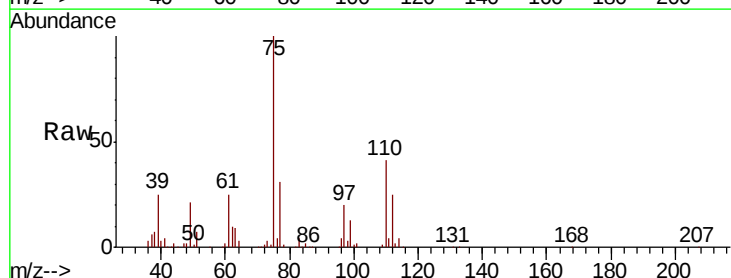
Tgt Ion: 75 Resp: 39206

Ion Ratio Lower Upper

75 100

77 32.3 25.6 38.4

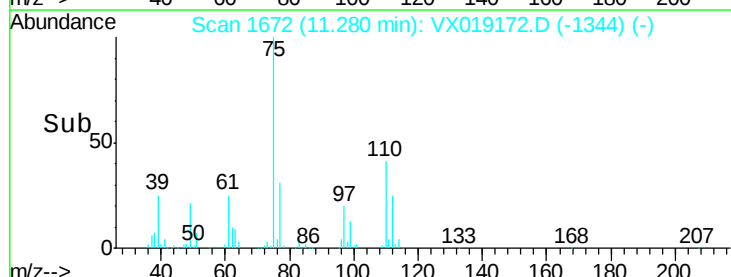
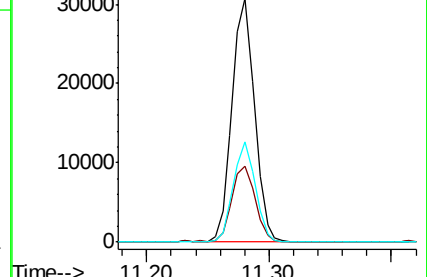
110 40.1 32.4 48.6

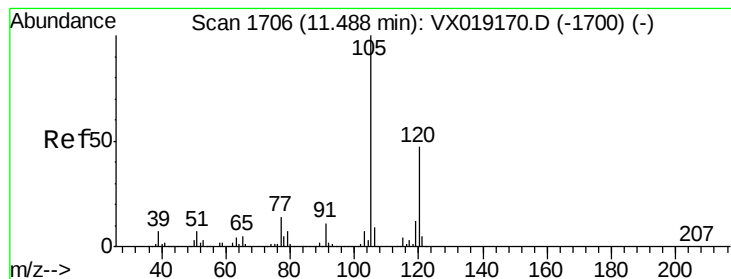


Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 110.00 (109.70 to 110.70): V





#62

1,3,5-Trimethylbenzene

Concen: 5.254 ug/L

RT: 11.49 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VX019172.D

Acq: 28 Oct 2020 18:43

Instrument :

MSVOA_X

ClientSampleId :

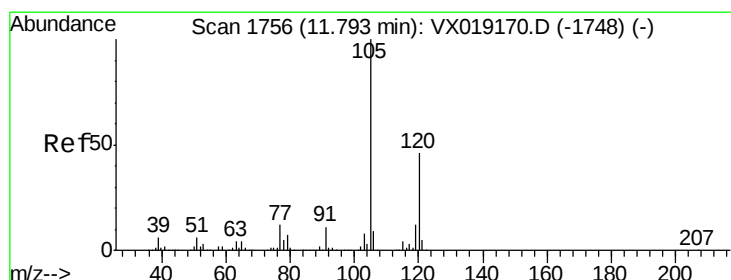
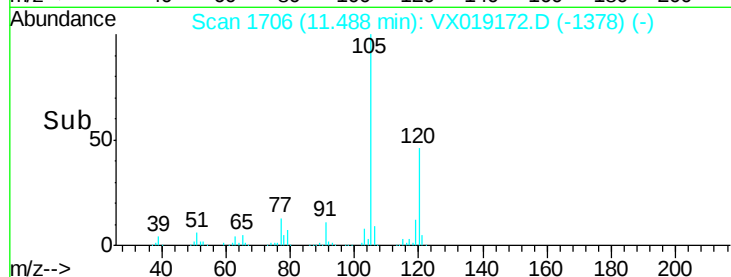
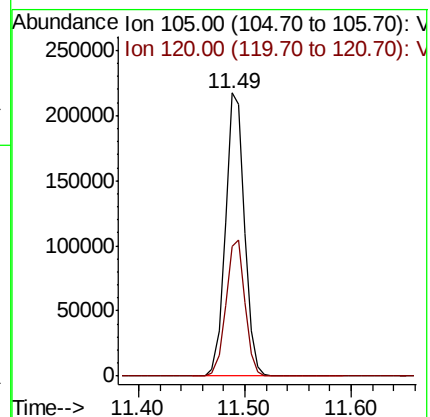
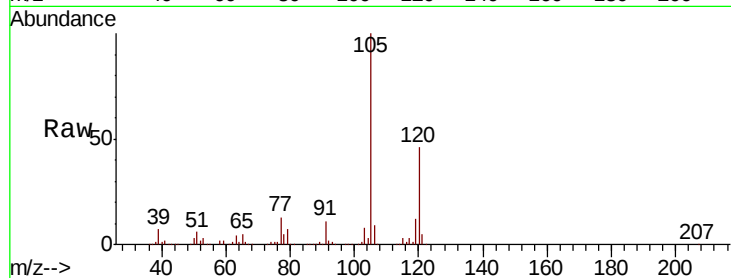
VICV306

Tot Ion:105 Resp: 270410

Ion Ratio Lower Upper

105 100

120 48.2 38.9 58.3



#63

1,2,4-Trimethylbenzene

Concen: 5.245 ug/L

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX019172.D

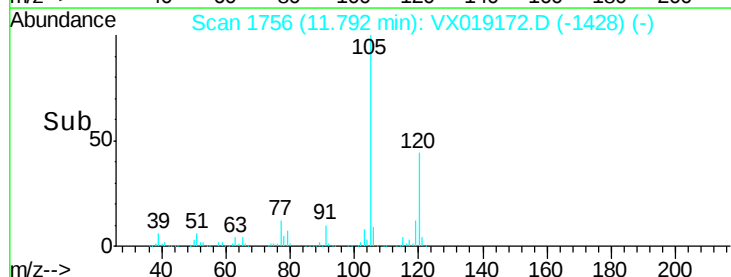
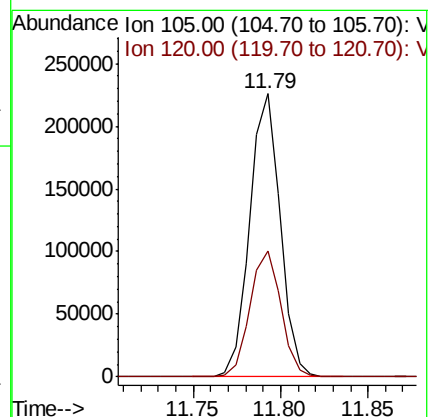
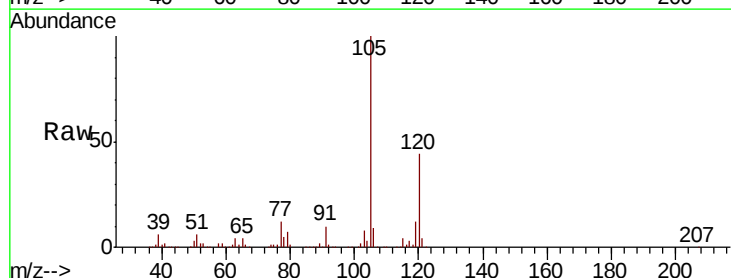
Acq: 28 Oct 2020 18:43

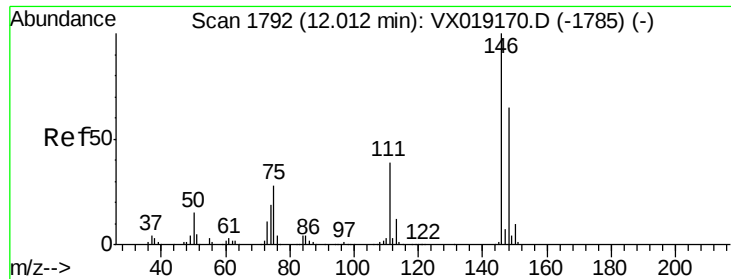
Tgt Ion:105 Resp: 273719

Ion Ratio Lower Upper

105 100

120 45.3 36.1 54.1





#64

1,3-Dichlorobenzene

Concen: 5.277 ug/L

RT: 12.01 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX019172.D

Acq: 28 Oct 2020 18:43

Instrument :

MSVOA_X

ClientSampleId :

VICV306

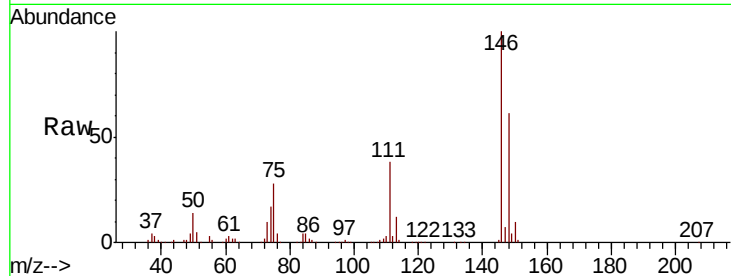
Tot Ion:146 Resp: 144107

Ion Ratio Lower Upper

146 100

111 38.2 27.3 50.7

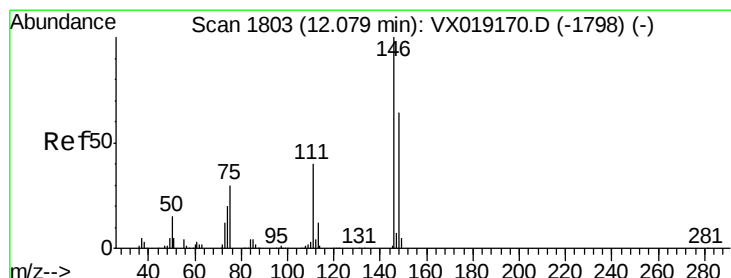
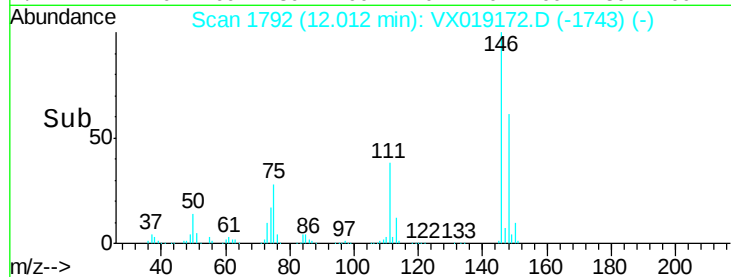
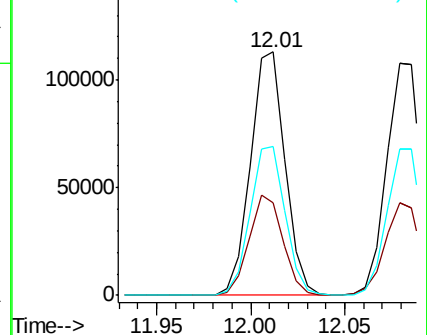
148 61.0 45.4 84.2



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: 5.154 ug/L

RT: 12.08 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VX019172.D

Acq: 28 Oct 2020 18:43

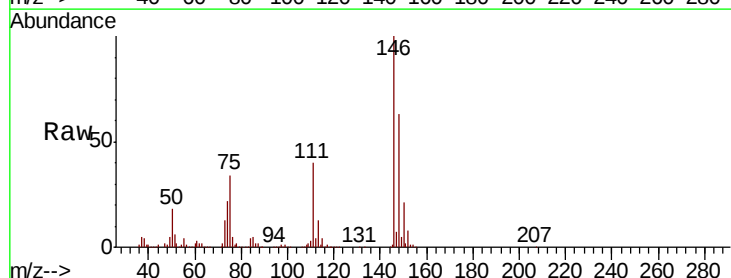
Tgt Ion:146 Resp: 140525

Ion Ratio Lower Upper

146 100

111 39.8 28.1 52.3

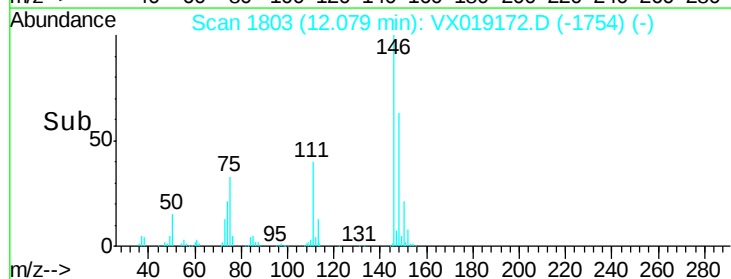
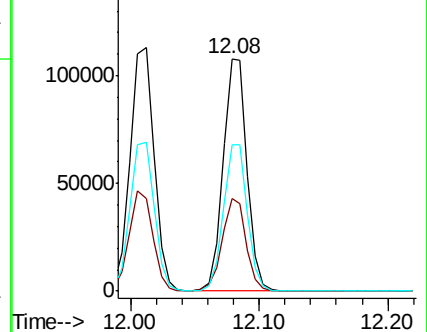
148 63.0 44.5 82.7

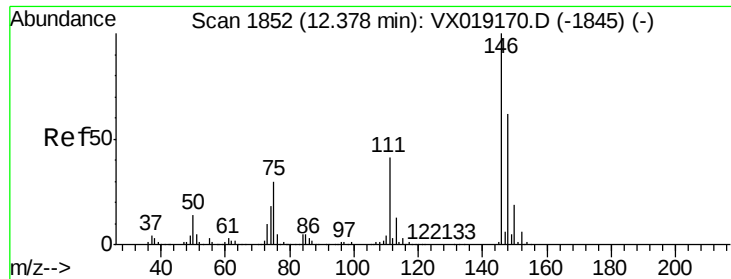


Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#67

1,2-Dichlorobenzene

Concen: 5.024 ug/L

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX019172.D

Acq: 28 Oct 2020 18:43

Instrument :

MSVOA_X

ClientSampleId :

VICV306

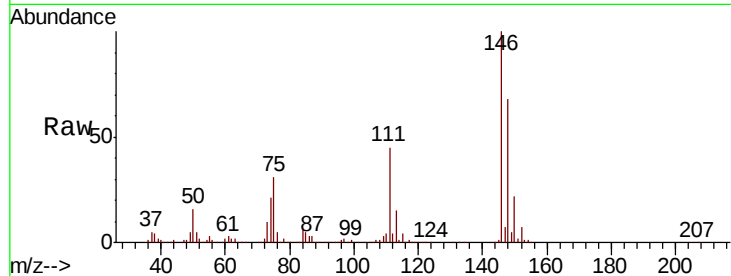
Tot Ion:146 Resp: 126127

Ion Ratio Lower Upper

146 100

111 44.5 32.6 49.0

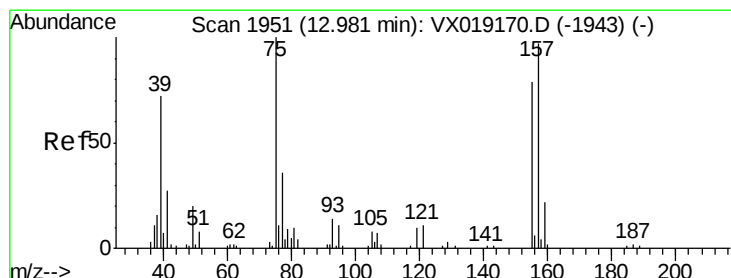
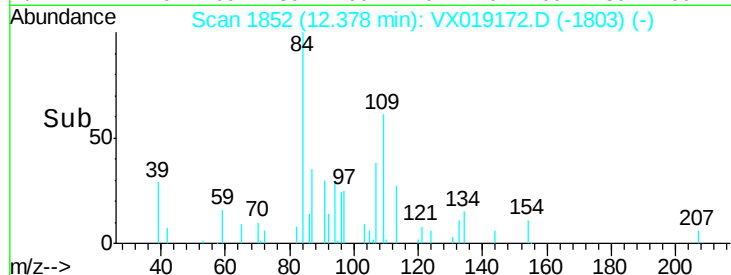
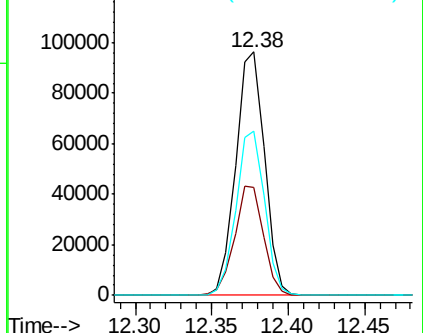
148 67.6 49.4 74.2



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



#68

1,2-Dibromo-3-chloropropane

Concen: 5.205 ug/L

RT: 12.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: VX019172.D

Acq: 28 Oct 2020 18:43

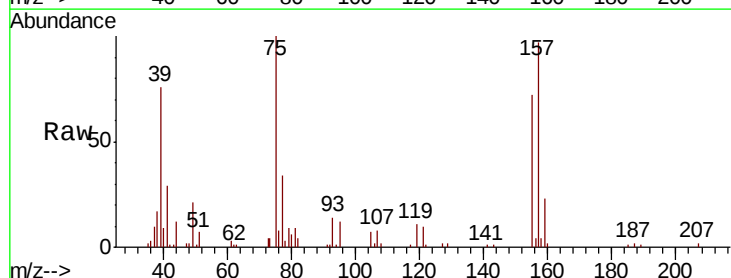
Tgt Ion: 75 Resp: 8939

Ion Ratio Lower Upper

75 100

155 72.4 62.9 94.3

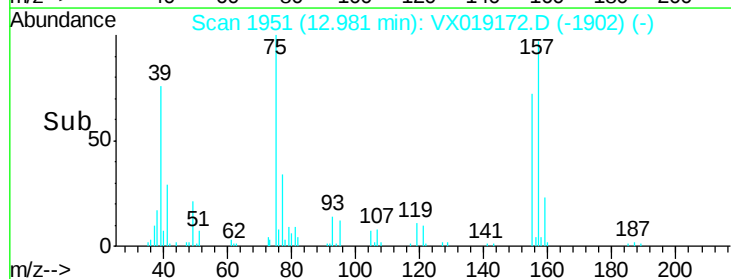
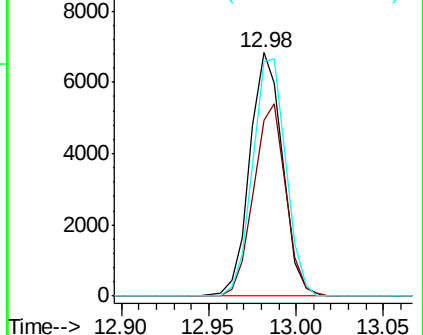
157 96.5 77.5 116.3

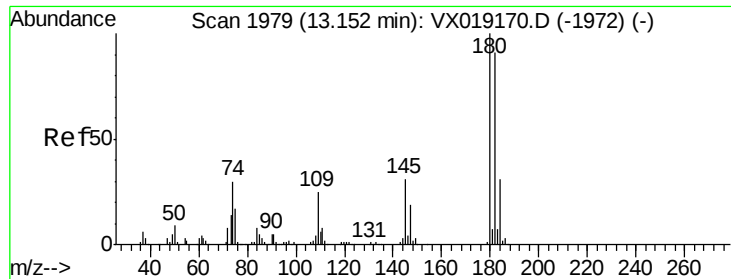


Abundance Ion 75.05 (74.75 to 75.75): VX0

Ion 154.95 (154.65 to 155.65): V

Ion 156.90 (156.60 to 157.60): V

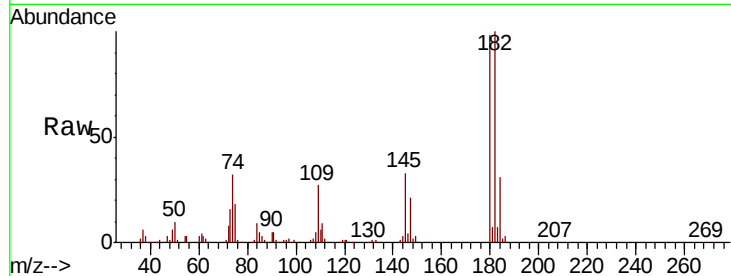




#69
 1,3,5-Trichlorobenzene
 Concen: 5.197 ug/L
 RT: 13.15 min Scan# 1979
 Delta R.T. -0.00 min
 Lab File: VX019172.D
 Acq: 28 Oct 2020 18:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VICV306

Tot Ion	180	Resp	104179
Ion Ratio	Lower	Upper	
180	100		
182	98.3	74.1	111.1
184	30.4	24.4	36.6
145	31.9	24.9	37.3

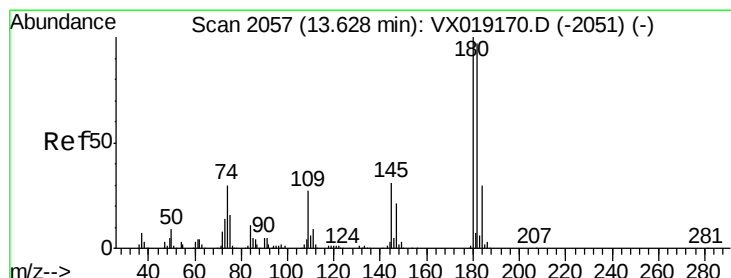
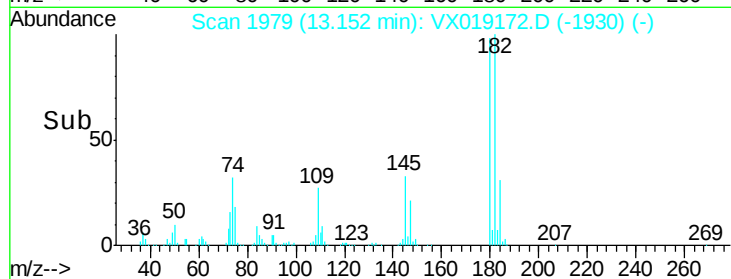
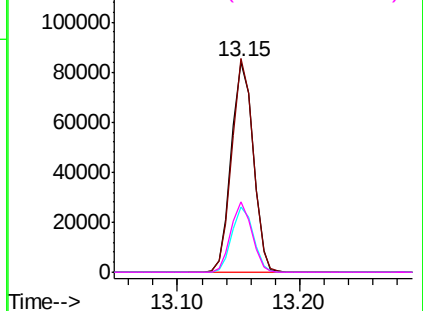


Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

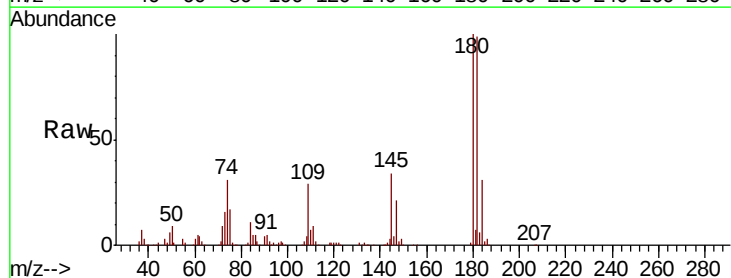
Ion 184.00 (183.70 to 184.70): V

Ion 145.00 (144.70 to 145.70): V



#70
 1,2,4-trichlorobenzene
 Concen: 5.197 ug/L
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX019172.D
 Acq: 28 Oct 2020 18:43

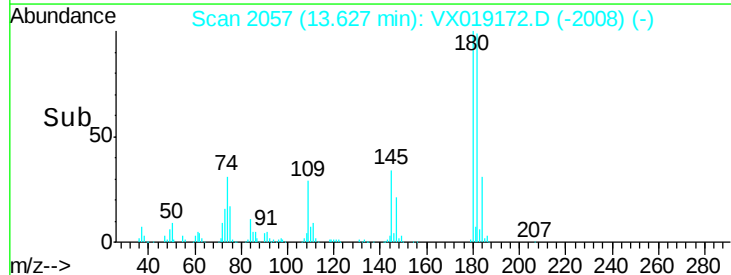
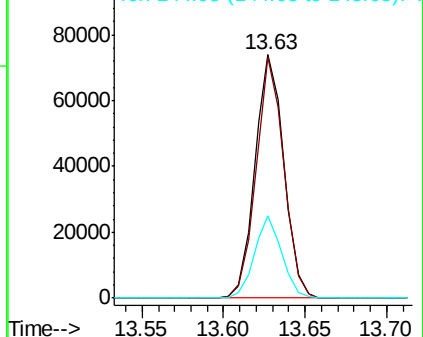
Tgt Ion	180	Resp	90923
Ion Ratio	Lower	Upper	
180	100		
182	95.0	77.8	116.6
145	32.0	25.0	37.4

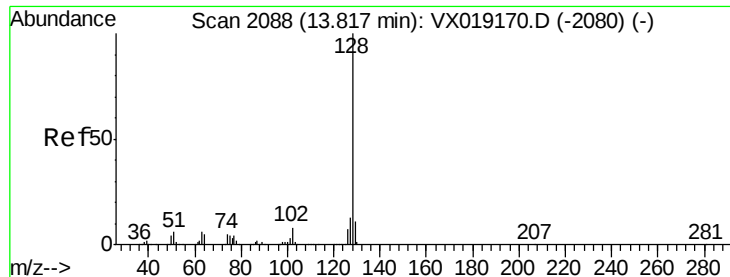


Abundance Ion 179.90 (179.60 to 180.60): V

Ion 182.00 (181.70 to 182.70): V

Ion 144.95 (144.65 to 145.65): V





#71

Naphthalene

Concen: 5.319 ug/L

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX019172.D

Acq: 28 Oct 2020 18:43

Instrument :

MSVOA_X

ClientSampleId :

VICV306

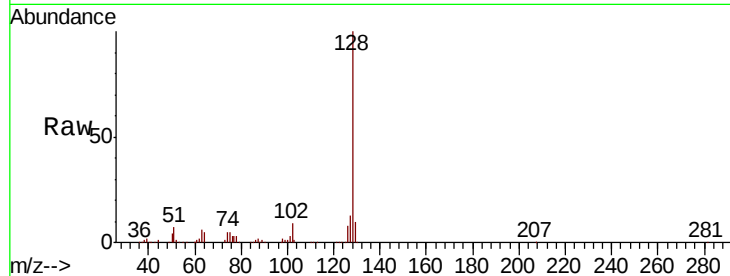
Tot Ion:128 Resp: 167340

Ion Ratio Lower Upper

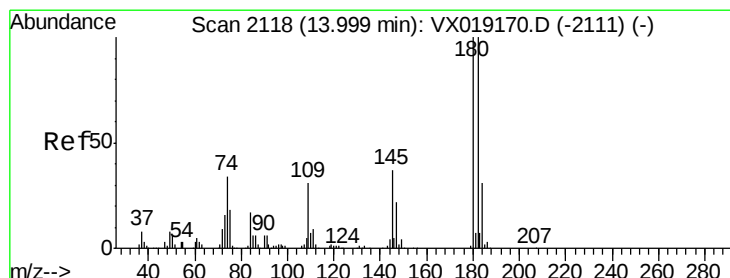
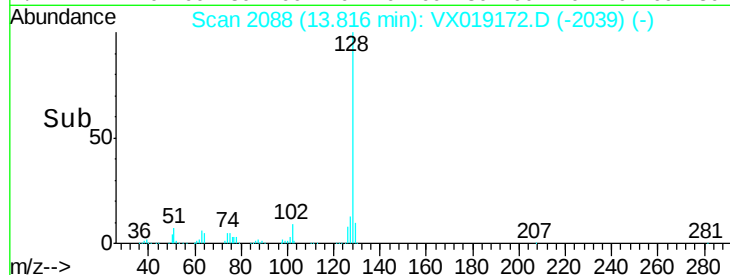
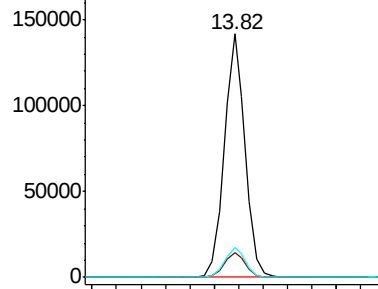
128 100

129 10.6 8.6 13.0

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: 5.280 ug/L

RT: 14.00 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VX019172.D

Acq: 28 Oct 2020 18:43

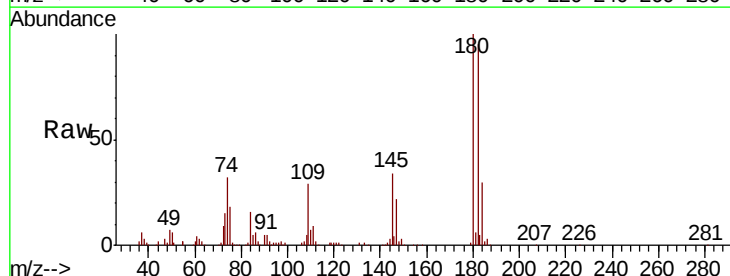
Tgt Ion:180 Resp: 81513

Ion Ratio Lower Upper

180 100

182 95.6 77.0 115.4

145 33.8 27.8 41.6



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

