

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081322\
 Data File : VX030616.D
 Acq On : 13 Aug 2022 15:08
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 13 21:17:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML080422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 13 21:15:11 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	231346	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	211186	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	111297	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	58983	39.701	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.400%
7) Chloroethane-d5	1.666	69	52047	49.696	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.400%
11) 1,1-Dichloroethene-d2	2.307	63	135704	48.288	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.580%
21) 2-Butanone-d5	4.471	46	178510	129.680	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	129.680%
24) Chloroform-d	5.056	84	171230	55.989	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	111.980%
26) 1,2-Dichloroethane-d4	5.958	65	117331	56.502	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	113.000%
32) Benzene-d6	5.971	84	298190	49.293	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.580%
36) 1,2-Dichloropropane-d6	7.306	67	103262	52.613	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.220%
41) Toluene-d8	8.647	98	272029	47.706	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.420%
43) trans-1,3-Dichloroprop...	8.952	79	49423	50.618	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.240%
47) 2-Hexanone-d5	9.385	63	117793	117.744	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	117.740%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	154714	60.006	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	120.020%#
66) 1,2-Dichlorobenzene-d4	12.323	152	104053	48.201	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	98223	56.423	ug/L	99
3) Chloromethane	1.295	50	82619	55.194	ug/L	99
5) Vinyl chloride	1.374	62	90188	56.407	ug/L	100
6) Bromomethane	1.612	94	33065	44.007	ug/L	92
8) Chloroethane	1.691	64	56643	62.194	ug/L	99
9) Trichlorofluoromethane	1.886	101	143922	60.906	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	86986	61.890	ug/L	96
12) 1,1-Dichloroethene	2.319	96	73423	56.703	ug/L #	80
13) Acetone	2.398	43	130863	129.713	ug/L	96
14) Carbon disulfide	2.508	76	215192	51.275	ug/L	99
15) Methyl Acetate	2.709	43	127243	60.934	ug/L	98
16) Methylene chloride	2.788	84	96339	58.675	ug/L	97
17) trans-1,2-Dichloroethene	3.093	96	85135	56.752	ug/L	94
18) Methyl tert-butyl Ether	3.117	73	314899	61.727	ug/L	98
19) 1,1-Dichloroethane	3.611	63	183781	63.341	ug/L	99
20) cis-1,2-Dichloroethene	4.483	96	99927	59.216	ug/L	92
22) 2-Butanone	4.568	43	199381	125.278	ug/L	96
23) Bromochloromethane	4.898	128	50912	60.161	ug/L	94
25) Chloroform	5.087	83	194424	63.777	ug/L	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081322\
 Data File : VX030616.D
 Acq On : 13 Aug 2022 15:08
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 13 21:17:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML080422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 13 21:15:11 2022
 Response via : Initial Calibration

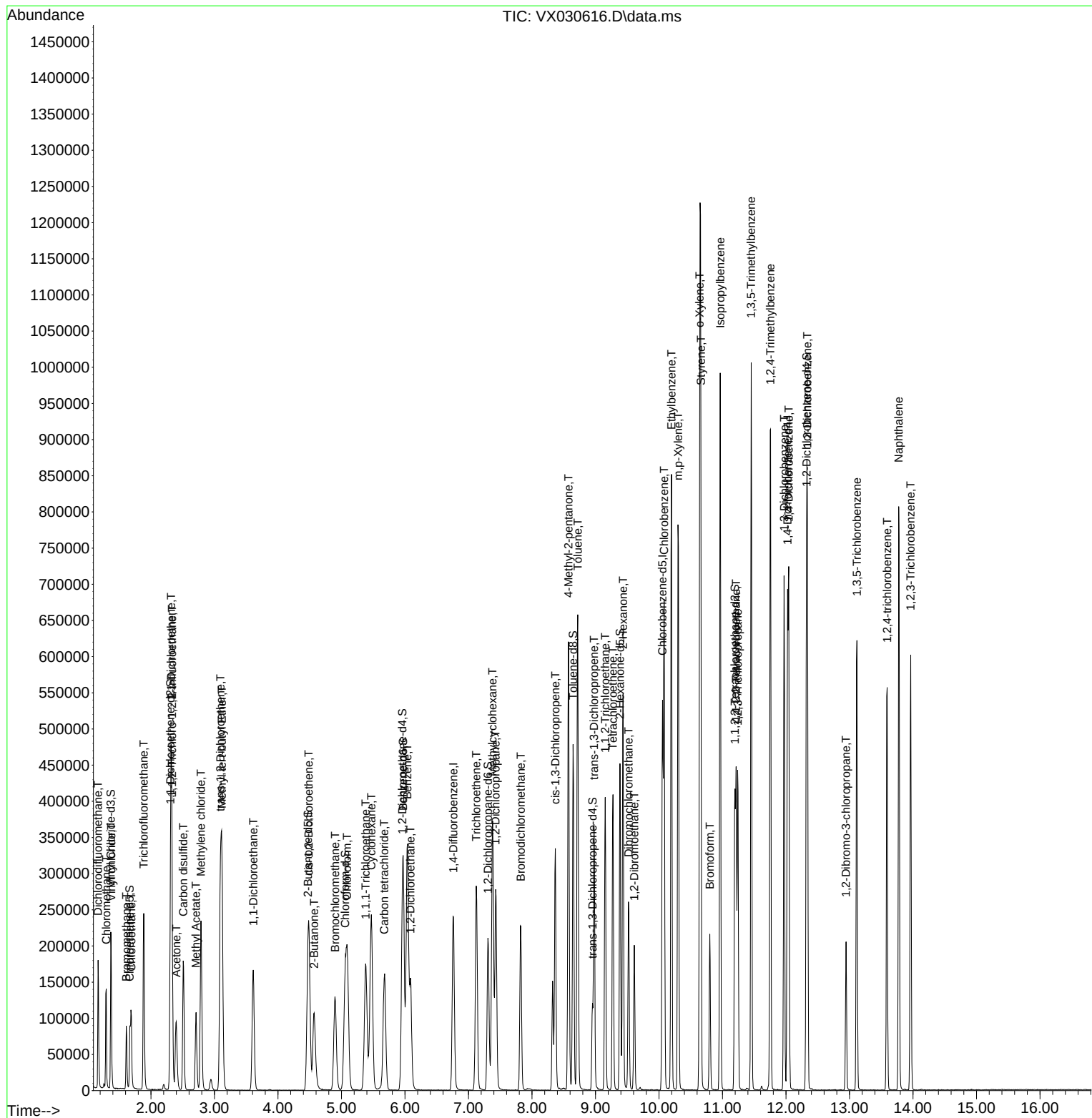
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	163897	64.596	ug/L	99
29) Cyclohexane	5.471	56	160570	57.192	ug/L	99
30) 1,1,1-Trichloroethane	5.379	97	165134	59.280	ug/L	98
31) Carbon tetrachloride	5.672	117	137667	59.878	ug/L	99
33) Benzene	6.038	78	397333	58.681	ug/L	100
34) Trichloroethene	7.123	95	106637	54.377	ug/L	93
35) Methylcyclohexane	7.379	83	160667	56.277	ug/L	98
37) 1,2-Dichloropropane	7.428	63	107082	59.479	ug/L	99
38) Bromodichloromethane	7.824	83	149764	62.855	ug/L	96
39) cis-1,3-Dichloropropene	8.366	75	162012	60.326	ug/L	97
40) 4-Methyl-2-pentanone	8.574	43	376098	119.962	ug/L	98
42) Toluene	8.720	91	417498	58.368	ug/L	98
44) trans-1,3-Dichloropropene	8.976	75	162372	61.772	ug/L	98
45) 1,1,2-Trichloroethane	9.153	97	102029	60.948	ug/L	97
46) Tetrachloroethene	9.275	164	69613	56.168	ug/L	96
48) 2-Hexanone	9.433	43	302762	124.290	ug/L	97
49) Dibromochloromethane	9.519	129	107457	60.336	ug/L	99
50) 1,2-Dibromoethane	9.610	107	104624	56.832	ug/L	98
51) Chlorobenzene	10.080	112	260178	58.384	ug/L	99
52) Ethylbenzene	10.195	91	471524	60.457	ug/L	99
53) m,p-Xylene	10.299	106	173553	59.702	ug/L	98
54) o-Xylene	10.640	106	171251	59.119	ug/L	98
55) Styrene	10.659	104	301902	61.898	ug/L	98
57) 1,1,2,2-Tetrachloroethane	11.214	83	165401	64.935	ug/L	100
59) Bromoform	10.799	173	70550	58.210	ug/L	99
60) Isopropylbenzene	10.964	105	463725	58.781	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	139243	58.257	ug/L	98
62) 1,3,5-Trimethylbenzene	11.451	105	401239	59.573	ug/L	100
63) 1,2,4-Trimethylbenzene	11.756	105	397641	58.461	ug/L	98
64) 1,3-Dichlorobenzene	11.969	146	200143	58.361	ug/L	97
65) 1,4-Dichlorobenzene	12.043	146	196247	56.292	ug/L	93
67) 1,2-Dichlorobenzene	12.335	146	197729	55.754	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.945	75	40752	51.687	ug/L	96
69) 1,3,5-Trichlorobenzene	13.116	180	132943	55.278	ug/L	98
70) 1,2,4-trichlorobenzene	13.591	180	119013	56.347	ug/L	97
71) Naphthalene	13.774	128	468768	53.616	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	121749	54.570	ug/L	98

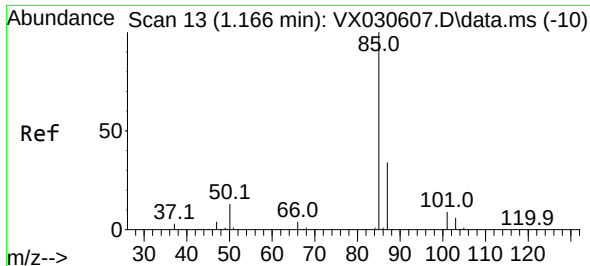
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081322\
 Data File : VX030616.D
 Acq On : 13 Aug 2022 15:08
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 13 21:17:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML080422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 13 21:15:11 2022
 Response via : Initial Calibration

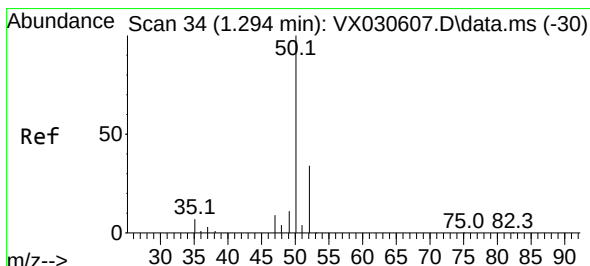
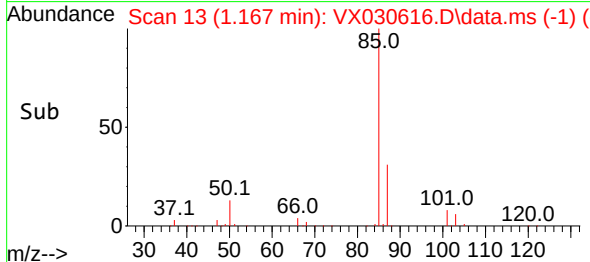
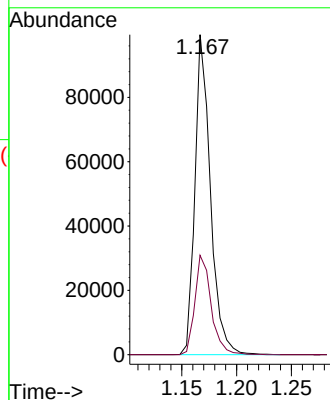
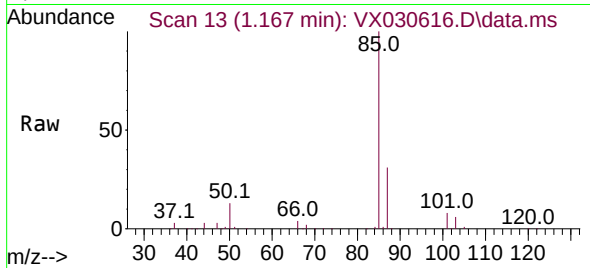




#2
 Dichlorodifluoromethane
 Concen: 56.423 ug/L
 RT: 1.167 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX030616.D
 Acq: 13 Aug 2022 15:08

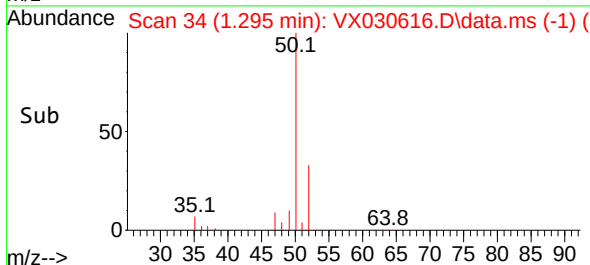
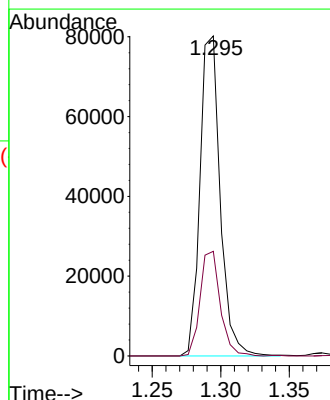
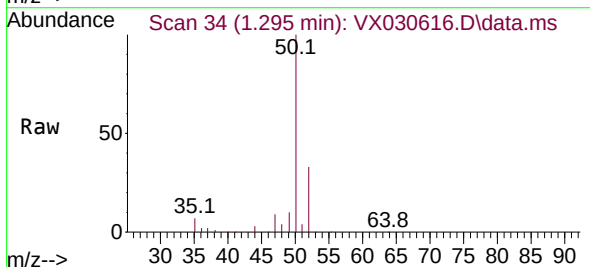
Instrument :
 MSVOA_X
 ClientSampleId :

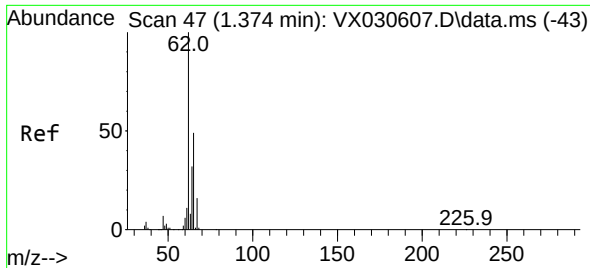
Tgt Ion: 85 Resp: 98223
 Ion Ratio Lower Upper
 85 100
 87 32.6 25.6 38.4



#3
 Chloromethane
 Concen: 55.194 ug/L
 RT: 1.295 min Scan# 34
 Delta R.T. 0.000 min
 Lab File: VX030616.D
 Acq: 13 Aug 2022 15:08

Tgt Ion: 50 Resp: 82619
 Ion Ratio Lower Upper
 50 100
 52 32.7 23.3 43.3

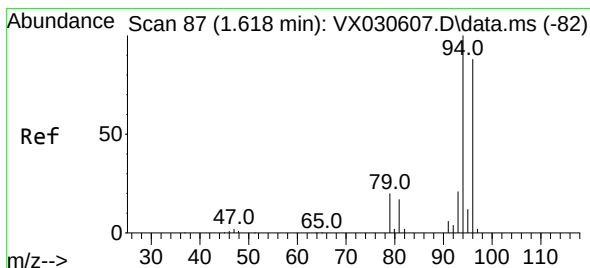
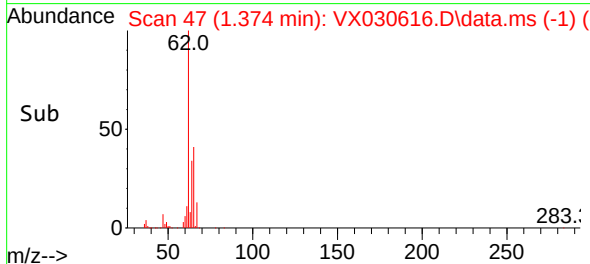
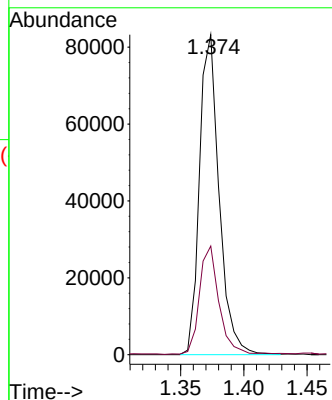
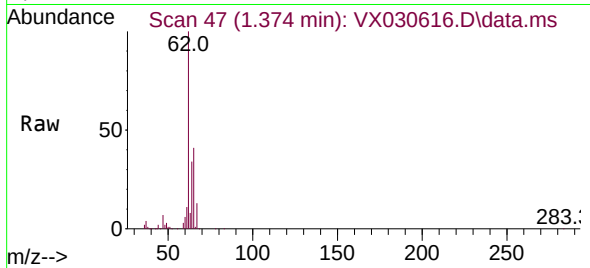




#5
 Vinyl chloride
 Concen: 56.407 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX030616.D
 Acq: 13 Aug 2022 15:08

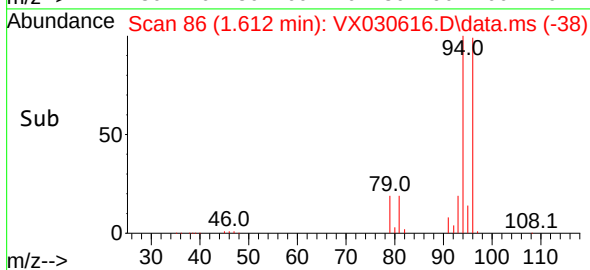
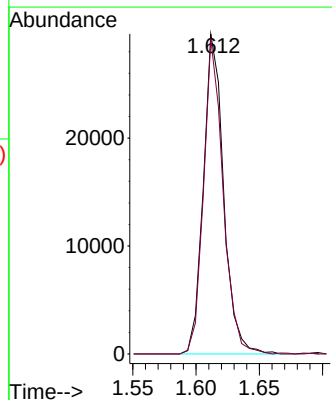
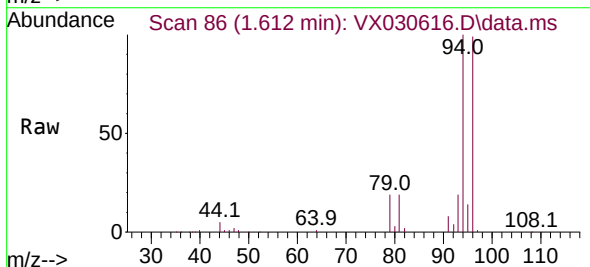
Instrument :
 MSVOA_X
 ClientSampleId :

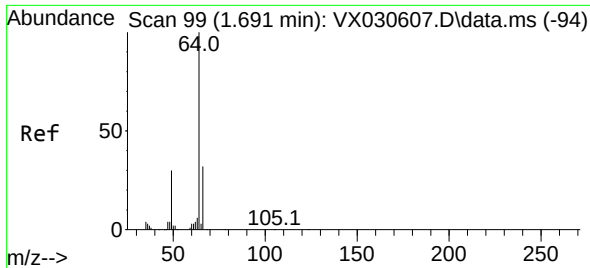
Tgt Ion: 62 Resp: 90188
 Ion Ratio Lower Upper
 62 100
 64 34.0 23.8 44.2



#6
 Bromomethane
 Concen: 44.007 ug/L
 RT: 1.612 min Scan# 86
 Delta R.T. -0.006 min
 Lab File: VX030616.D
 Acq: 13 Aug 2022 15:08

Tgt Ion: 94 Resp: 33065
 Ion Ratio Lower Upper
 94 100
 96 98.6 63.8 118.6

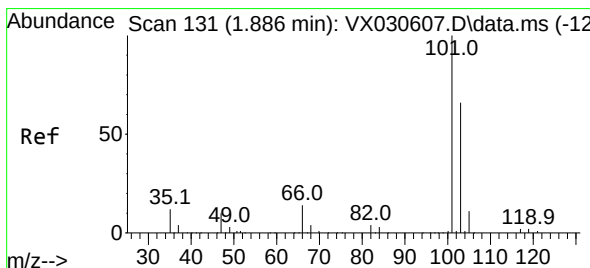
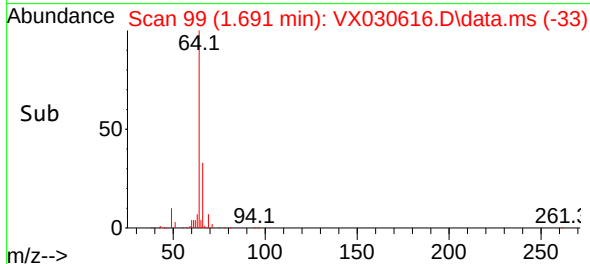
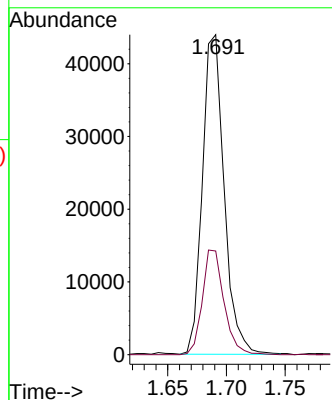
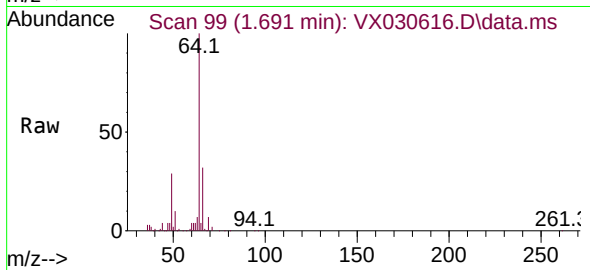




#8
Chloroethane
Concen: 62.194 ug/L
RT: 1.691 min Scan# 99
Delta R.T. 0.000 min
Lab File: VX030616.D
Acq: 13 Aug 2022 15:08

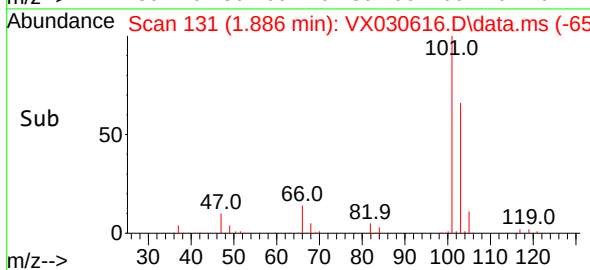
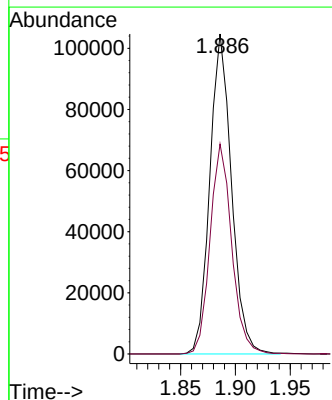
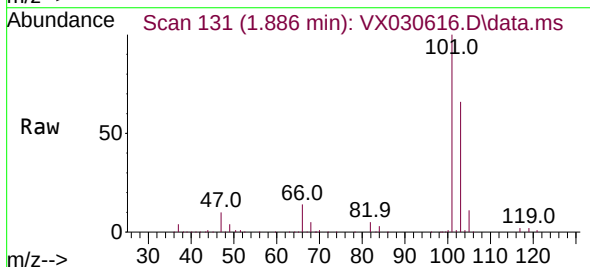
Instrument :
MSVOA_X
ClientSampleId :

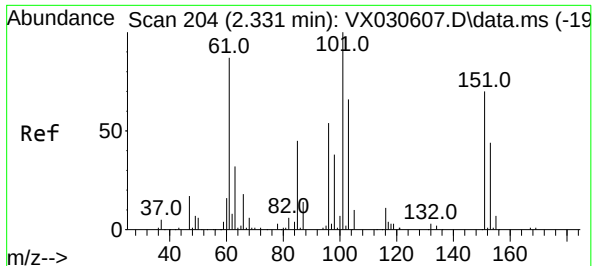
Tgt Ion: 64 Resp: 56643
Ion Ratio Lower Upper
64 100
66 32.4 22.1 41.1



#9
Trichlorofluoromethane
Concen: 60.906 ug/L
RT: 1.886 min Scan# 131
Delta R.T. 0.000 min
Lab File: VX030616.D
Acq: 13 Aug 2022 15:08

Tgt Ion: 101 Resp: 143922
Ion Ratio Lower Upper
101 100
103 65.3 51.5 77.3





#10

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

Concen: 61.890 ug/L

RT: 2.331 min Scan# 204

Delta R.T. 0.000 min

Lab File: VX030616.D

Acq: 13 Aug 2022 15:08

Instrument :

MSVOA_X

ClientSampleId :

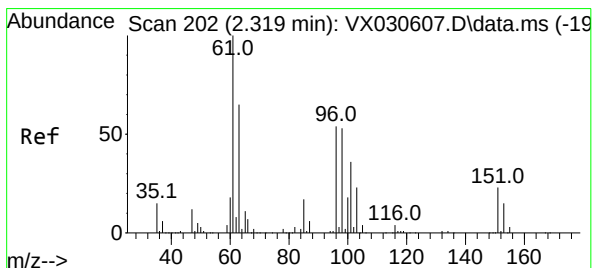
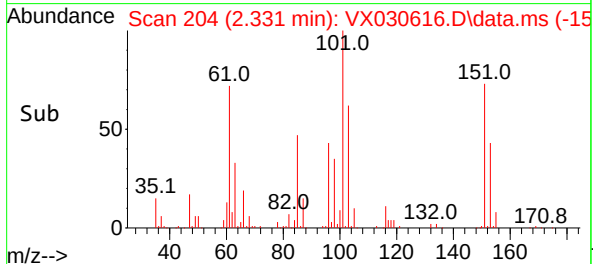
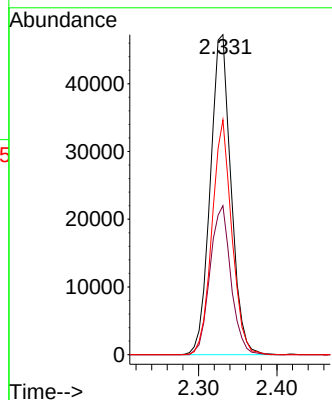
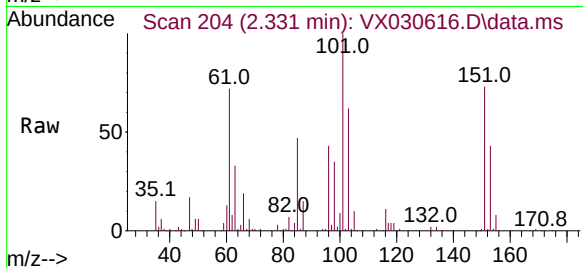
Tgt Ion:101 Resp: 86986

Ion Ratio Lower Upper

101 100

85 46.8 35.3 52.9

151 70.0 58.3 87.5



#12

1,1-Dichloroethene

Concen: 56.703 ug/L

RT: 2.319 min Scan# 202

Delta R.T. 0.000 min

Lab File: VX030616.D

Acq: 13 Aug 2022 15:08

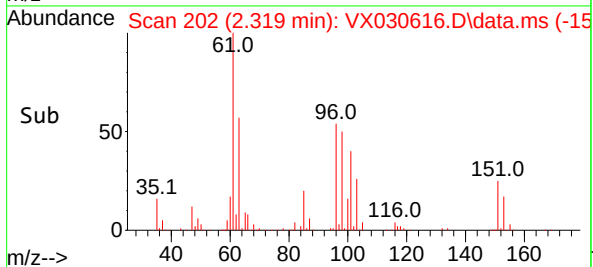
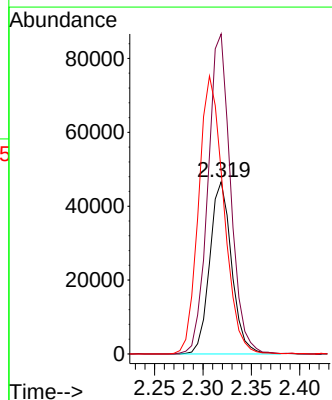
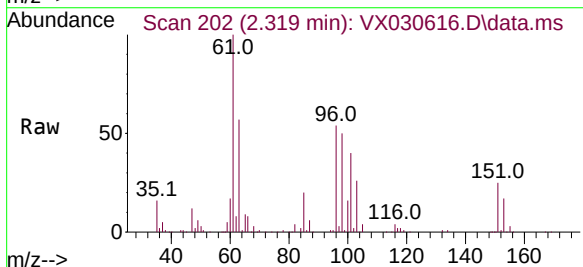
Tgt Ion: 96 Resp: 73423

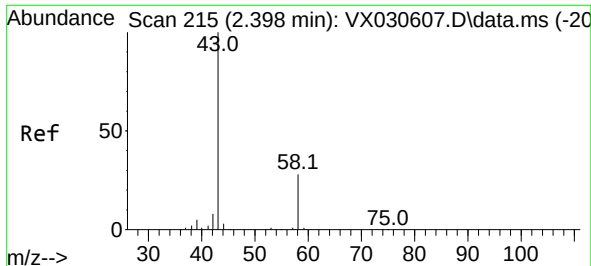
Ion Ratio Lower Upper

96 100

61 185.9 130.2 241.8

63 106.1 113.5 210.9#

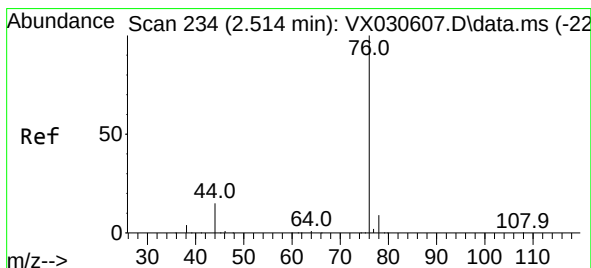
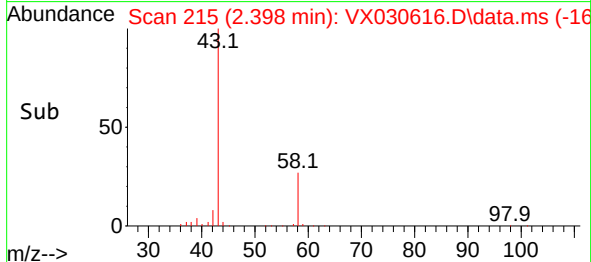
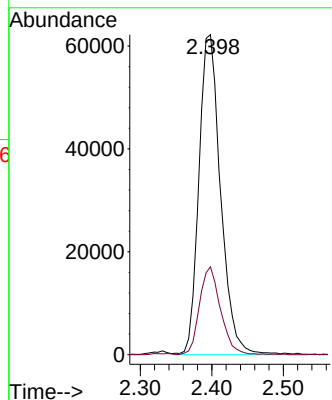
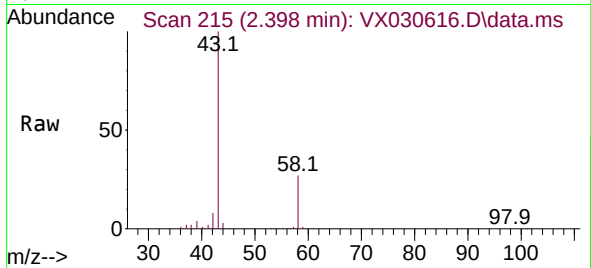




#13
Acetone
Concen: 129.713 ug/L
RT: 2.398 min Scan# 215
Delta R.T. 0.000 min
Lab File: VX030616.D
Acq: 13 Aug 2022 15:08

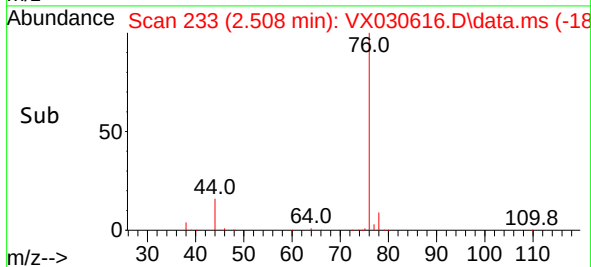
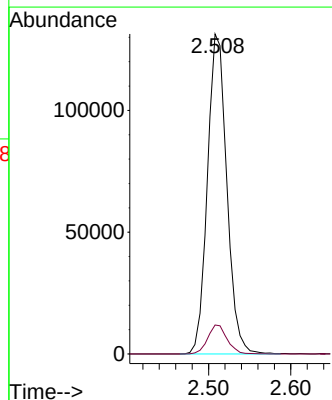
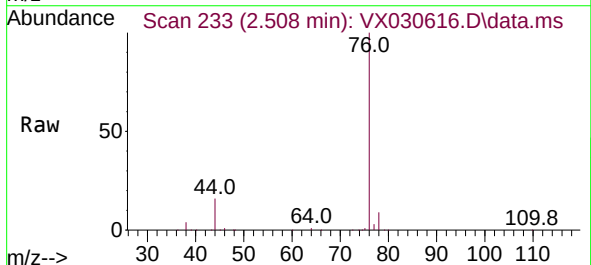
Instrument :
MSVOA_X
ClientSampleId :

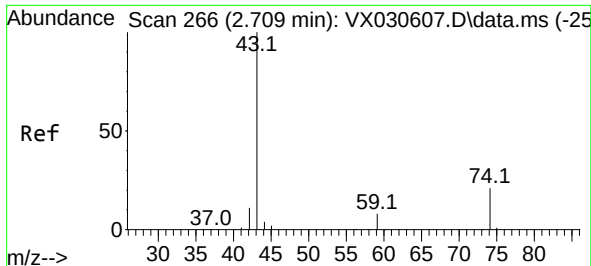
Tgt Ion: 43 Resp: 130863
Ion Ratio Lower Upper
43 100
58 26.5 0.0 57.8



#14
Carbon disulfide
Concen: 51.275 ug/L
RT: 2.508 min Scan# 233
Delta R.T. -0.006 min
Lab File: VX030616.D
Acq: 13 Aug 2022 15:08

Tgt Ion: 76 Resp: 215192
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.2

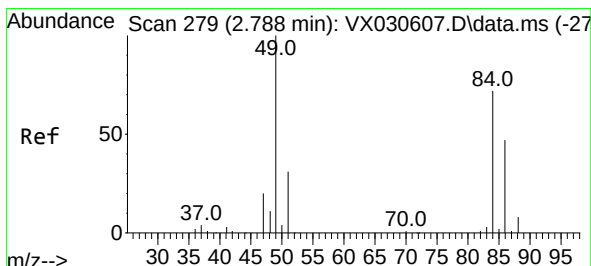
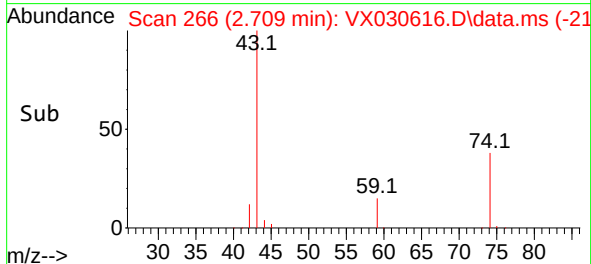
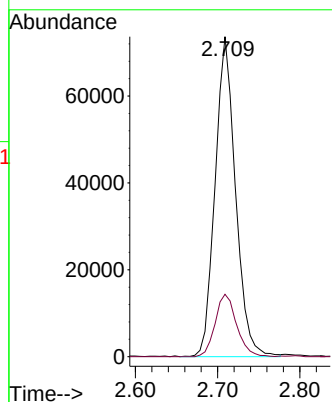
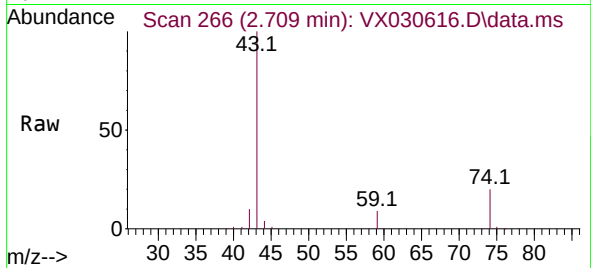




#15
Methyl Acetate
Concen: 60.934 ug/L
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX030616.D
Acq: 13 Aug 2022 15:08

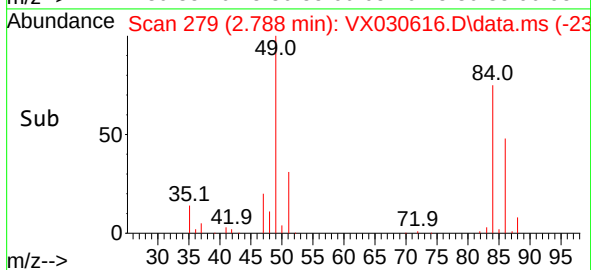
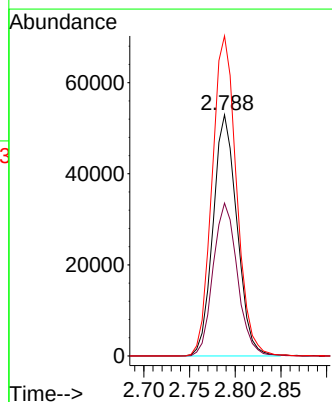
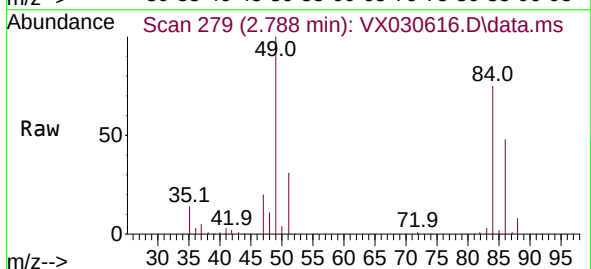
Instrument :
MSVOA_X
ClientSampleId :

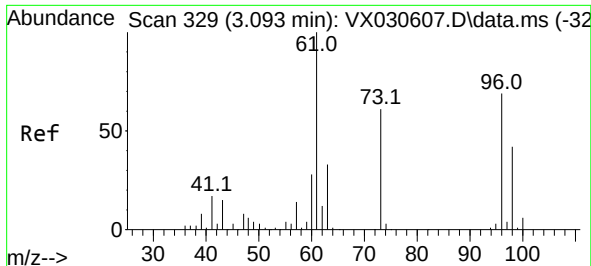
Tgt Ion: 43 Resp: 127243
Ion Ratio Lower Upper
43 100
74 20.5 17.2 25.8



#16
Methylene chloride
Concen: 58.675 ug/L
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX030616.D
Acq: 13 Aug 2022 15:08

Tgt Ion: 84 Resp: 96339
Ion Ratio Lower Upper
84 100
86 63.3 44.2 82.2
49 132.7 89.0 165.2





#17

trans-1,2-Dichloroethene

Concen: 56.752 ug/L

RT: 3.093 min Scan# 31

Delta R.T. 0.000 min

Lab File: VX030616.D

Acq: 13 Aug 2022 15:08

Instrument :

MSVOA_X

ClientSampleId :

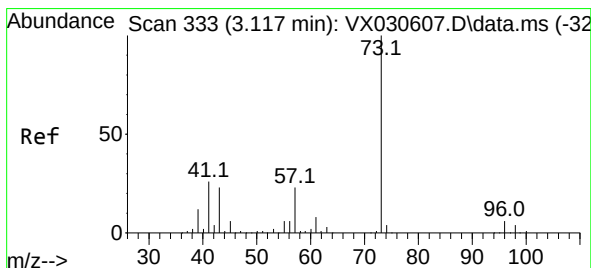
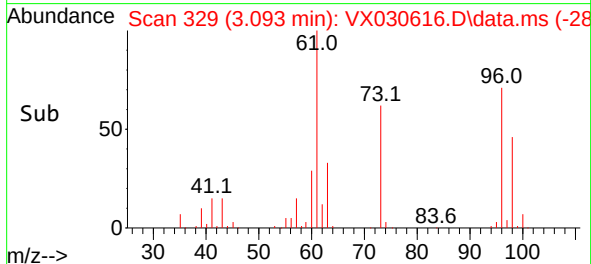
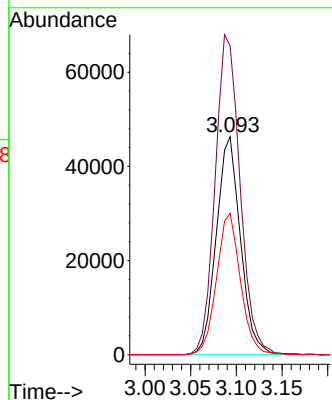
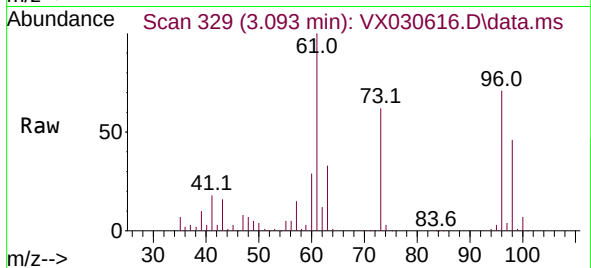
Tgt Ion: 96 Resp: 85135

Ion Ratio Lower Upper

96 100

61 141.7 103.7 192.5

98 64.8 41.5 77.1



#18

Methyl tert-butyl Ether

Concen: 61.727 ug/L

RT: 3.117 min Scan# 333

Delta R.T. 0.000 min

Lab File: VX030616.D

Acq: 13 Aug 2022 15:08

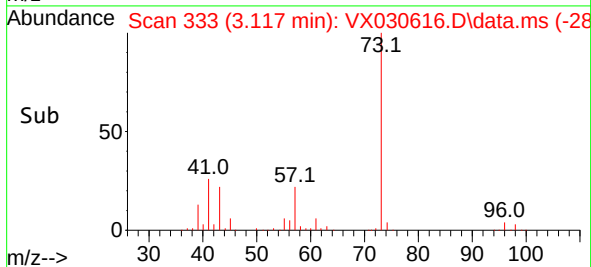
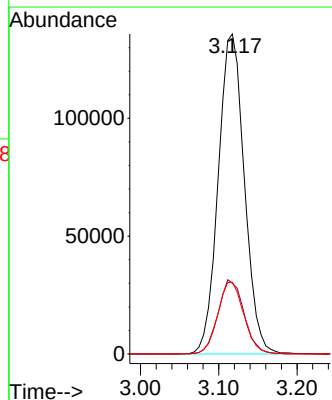
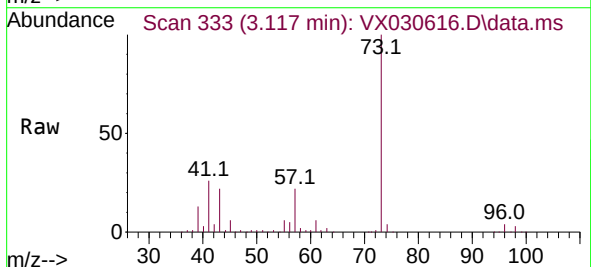
Tgt Ion: 73 Resp: 314899

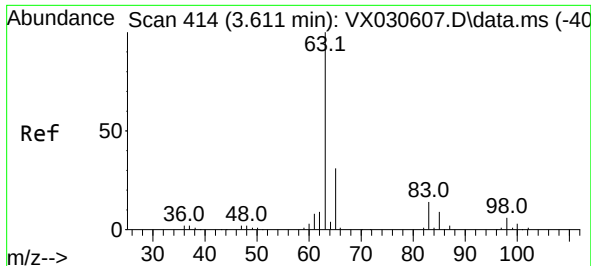
Ion Ratio Lower Upper

73 100

43 23.0 17.6 26.4

57 22.5 17.5 26.3





#19

1,1-Dichloroethane

Concen: 63.341 ug/L

RT: 3.611 min Scan# 41

Delta R.T. 0.000 min

Lab File: VX030616.D

Acq: 13 Aug 2022 15:08

Instrument :

MSVOA_X

ClientSampleId :

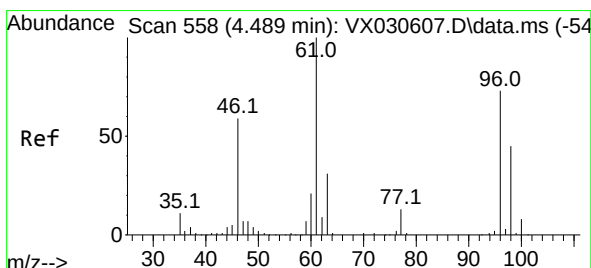
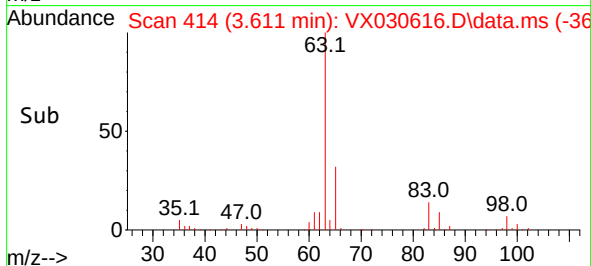
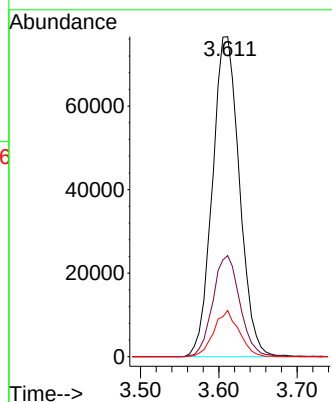
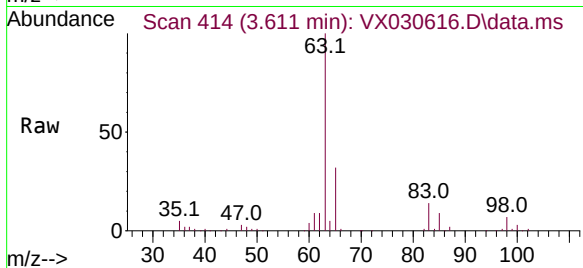
Tgt Ion: 63 Resp: 183781

Ion Ratio Lower Upper

63 100

65 31.6 22.0 40.8

83 14.5 9.9 18.3



#20

cis-1,2-Dichloroethene

Concen: 59.216 ug/L

RT: 4.483 min Scan# 557

Delta R.T. -0.006 min

Lab File: VX030616.D

Acq: 13 Aug 2022 15:08

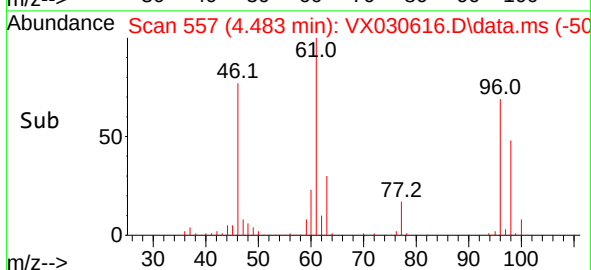
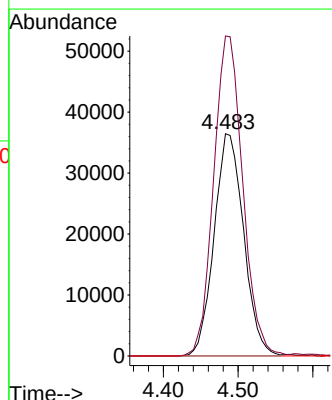
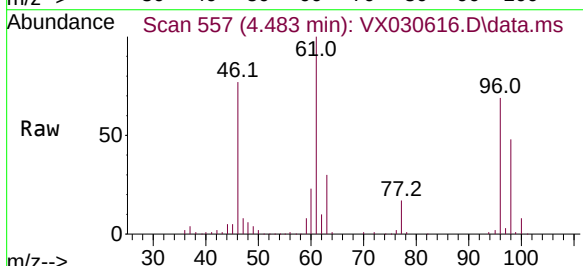
Tgt Ion: 96 Resp: 99927

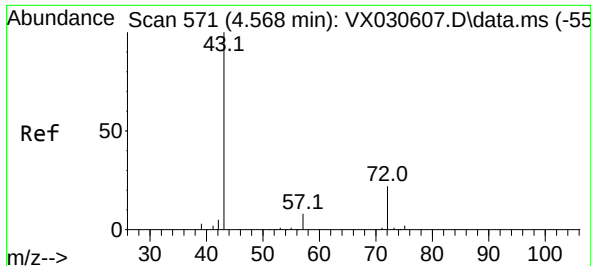
Ion Ratio Lower Upper

96 100

61 144.0 94.0 174.6

68 0.0 0.0 0.0

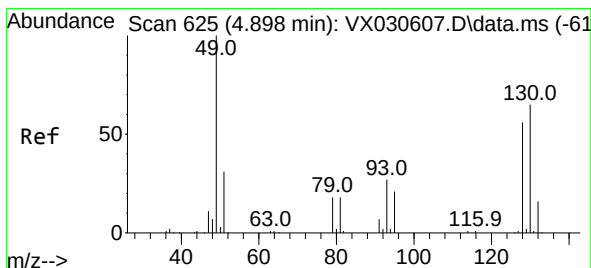
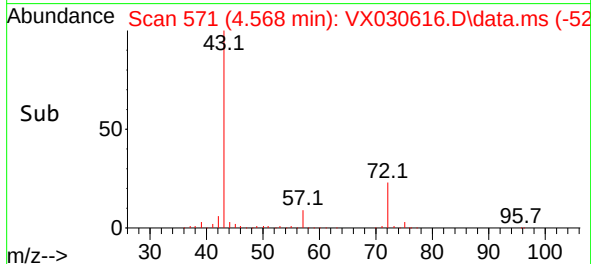
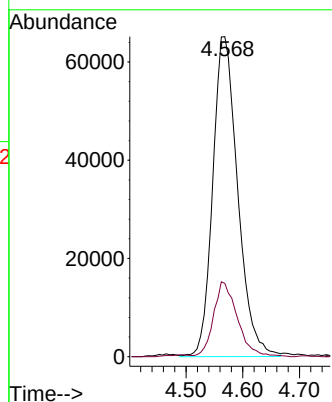
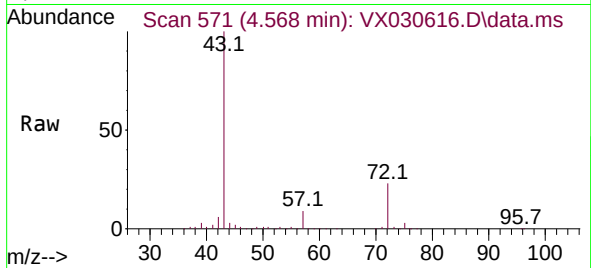




#22
2-Butanone
Concen: 125.278 ug/L
RT: 4.568 min Scan# 571
Delta R.T. 0.000 min
Lab File: VX030616.D
Acq: 13 Aug 2022 15:08

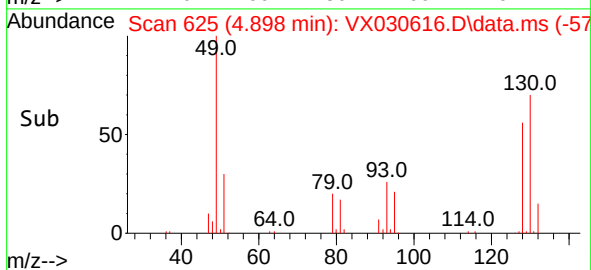
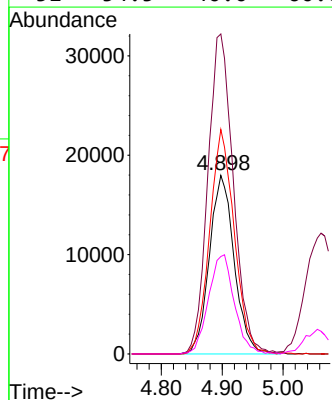
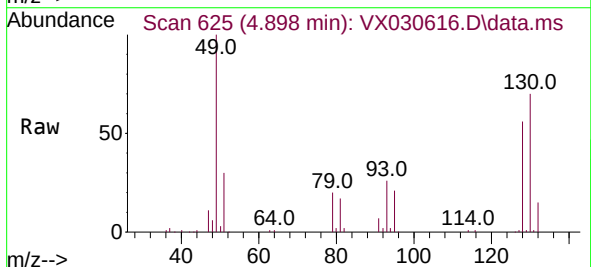
Instrument :
MSVOA_X
ClientSampleId :

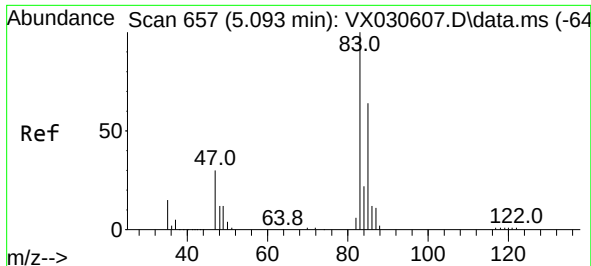
Tgt Ion: 43 Resp: 199381
Ion Ratio Lower Upper
43 100
72 21.4 11.7 35.1



#23
Bromochloromethane
Concen: 60.161 ug/L
RT: 4.898 min Scan# 625
Delta R.T. 0.000 min
Lab File: VX030616.D
Acq: 13 Aug 2022 15:08

Tgt Ion: 128 Resp: 50912
Ion Ratio Lower Upper
128 100
49 179.2 116.8 216.8
130 125.7 90.3 167.7
51 54.5 40.0 60.0

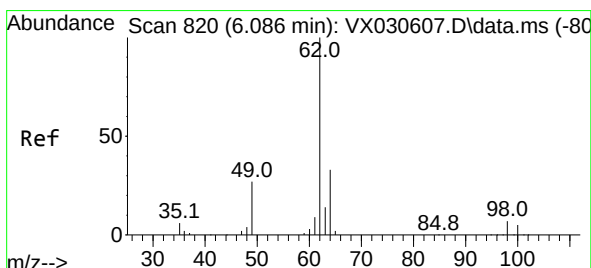
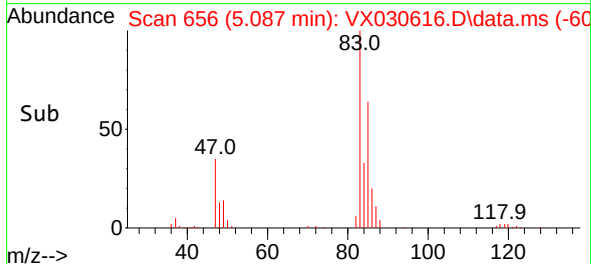
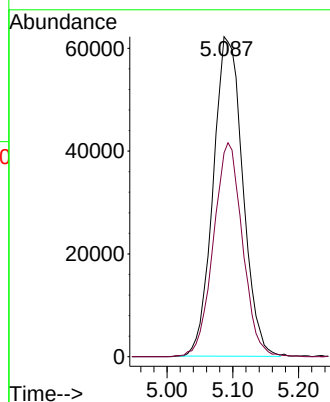
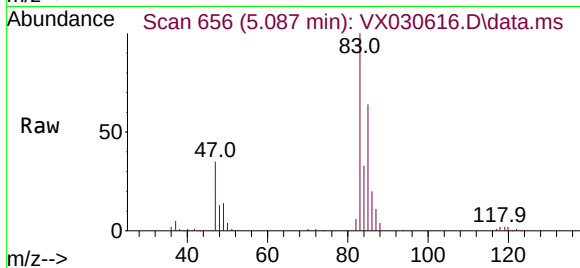




#25
Chloroform
Concen: 63.777 ug/L
RT: 5.087 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX030616.D
Acq: 13 Aug 2022 15:08

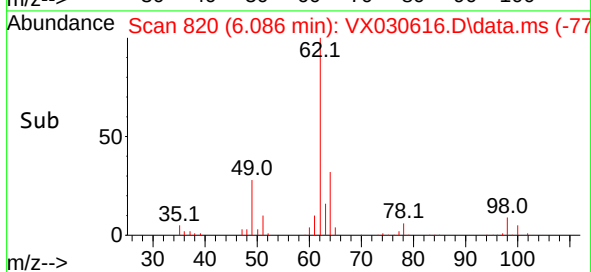
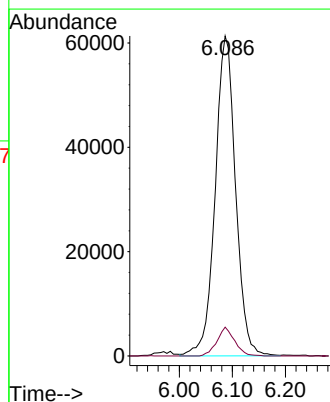
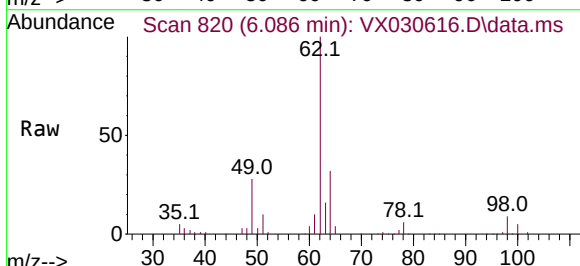
Instrument :
MSVOA_X
ClientSampleId :

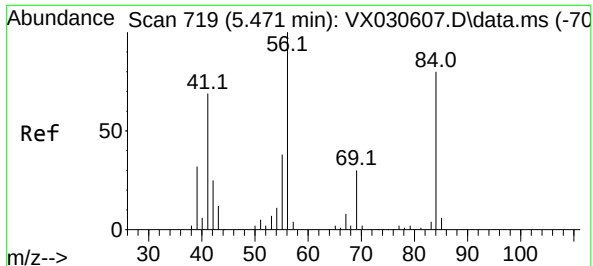
Tgt Ion: 83 Resp: 194424
Ion Ratio Lower Upper
83 100
85 63.7 45.6 84.6



#27
1,2-Dichloroethane
Concen: 64.596 ug/L
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX030616.D
Acq: 13 Aug 2022 15:08

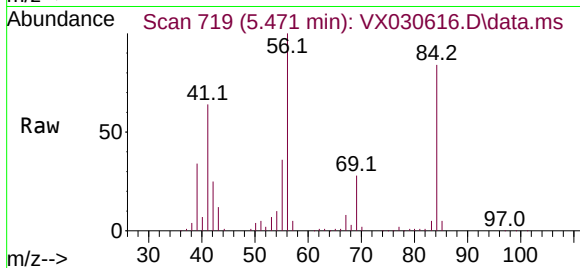
Tgt Ion: 62 Resp: 163897
Ion Ratio Lower Upper
62 100
98 9.0 7.0 10.6



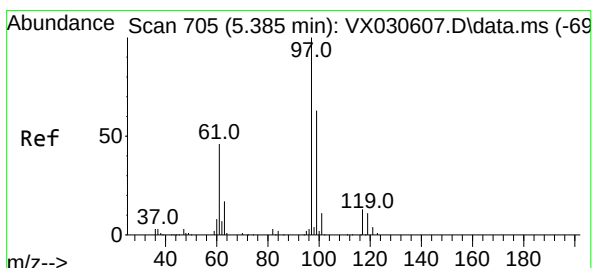
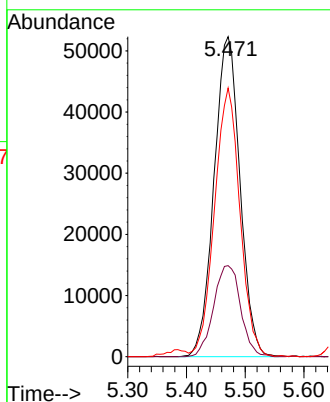
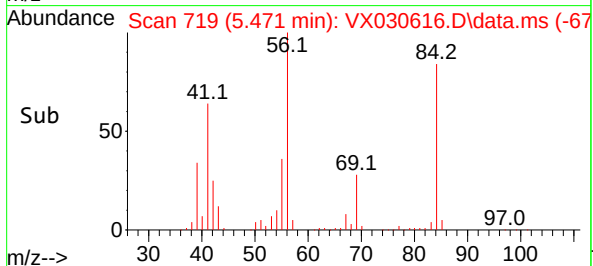


#29
Cyclohexane
Concen: 57.192 ug/L
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX030616.D
Acq: 13 Aug 2022 15:08

Instrument :
MSVOA_X
ClientSampleId :

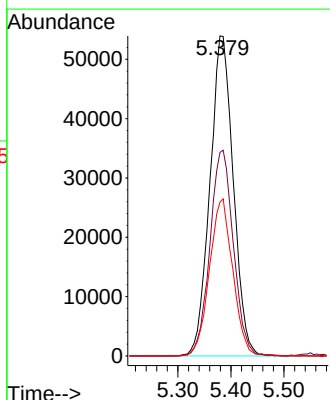
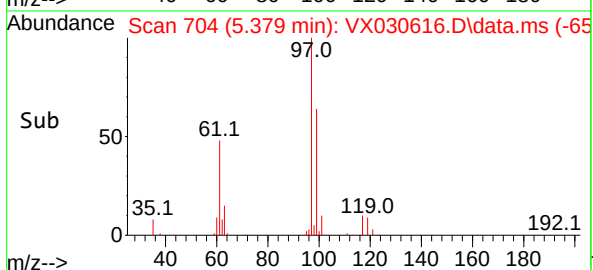
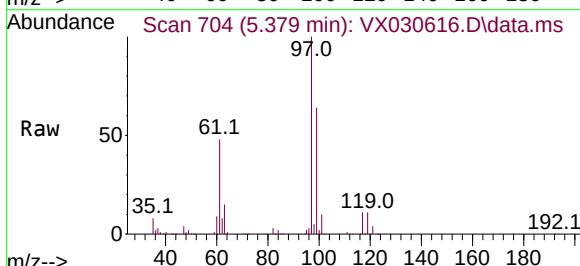


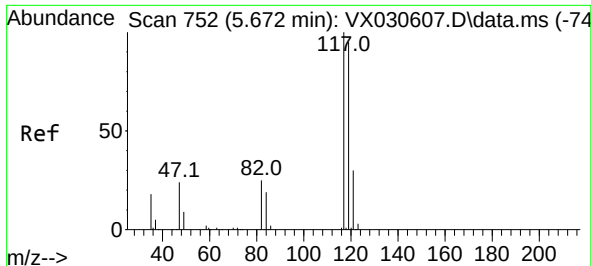
Tgt Ion: 56 Resp: 160570
Ion Ratio Lower Upper
56 100
69 29.5 24.3 36.5
84 82.1 66.7 100.1



#30
1,1,1-Trichloroethane
Concen: 59.280 ug/L
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX030616.D
Acq: 13 Aug 2022 15:08

Tgt Ion: 97 Resp: 165134
Ion Ratio Lower Upper
97 100
99 64.4 51.4 77.0
61 48.8 37.0 55.6

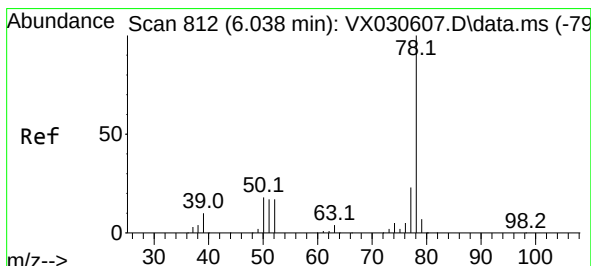
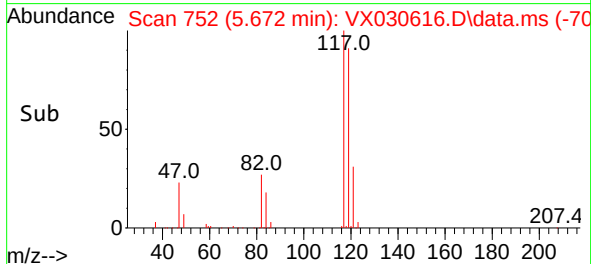
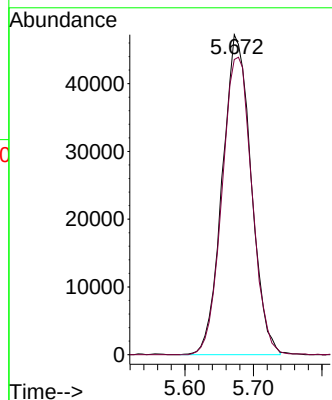
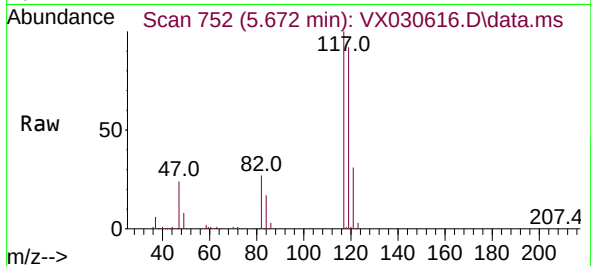




#31
Carbon tetrachloride
Concen: 59.878 ug/L
RT: 5.672 min Scan# 752
Delta R.T. 0.000 min
Lab File: VX030616.D
Acq: 13 Aug 2022 15:08

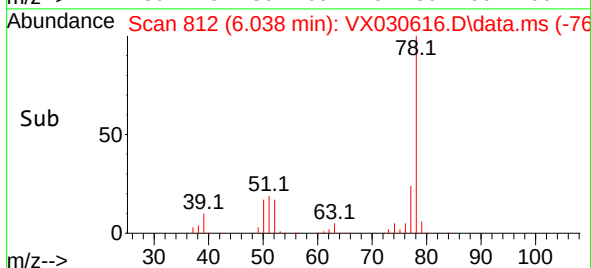
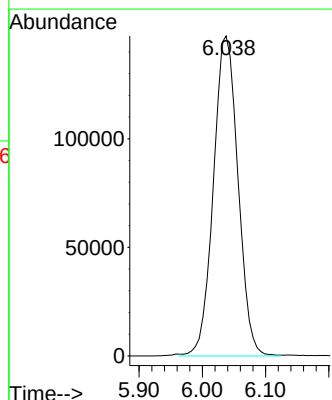
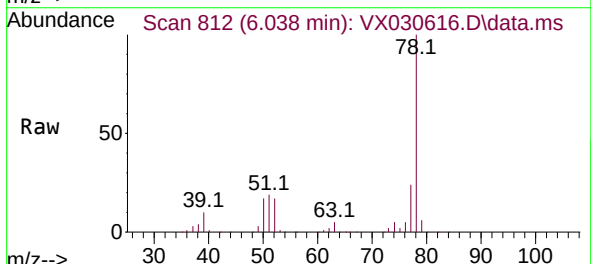
Instrument :
MSVOA_X
ClientSampleId :

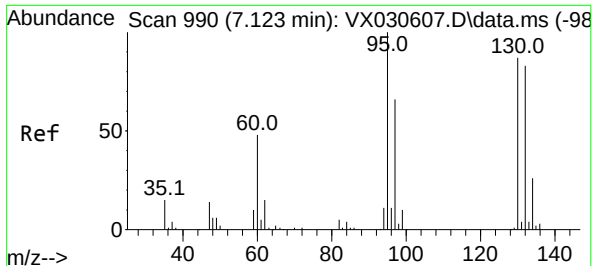
Tgt Ion:117 Resp: 137667
Ion Ratio Lower Upper
117 100
119 96.5 76.2 114.2



#33
Benzene
Concen: 58.681 ug/L
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX030616.D
Acq: 13 Aug 2022 15:08

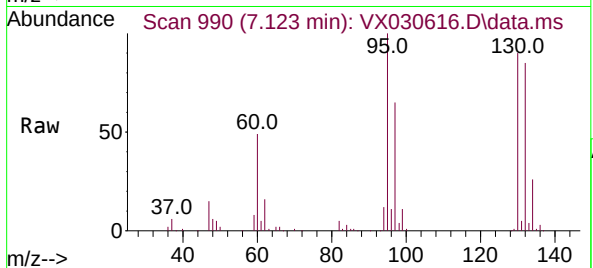
Tgt Ion: 78 Resp: 397333



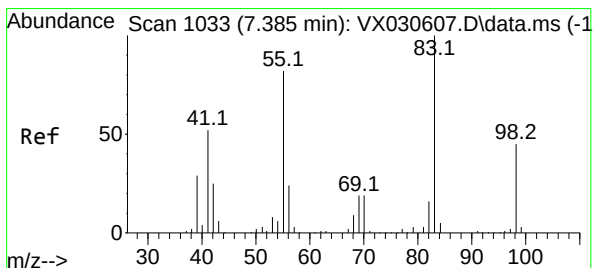
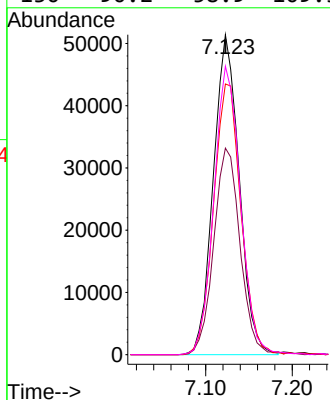
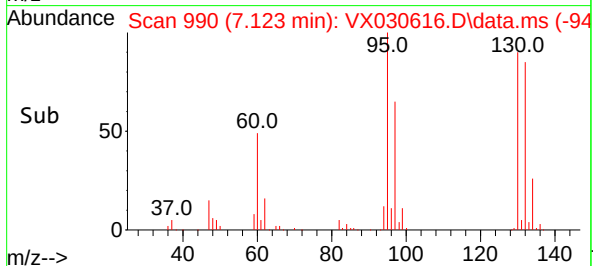


#34
Trichloroethene
Concen: 54.377 ug/L
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX030616.D
Acq: 13 Aug 2022 15:08

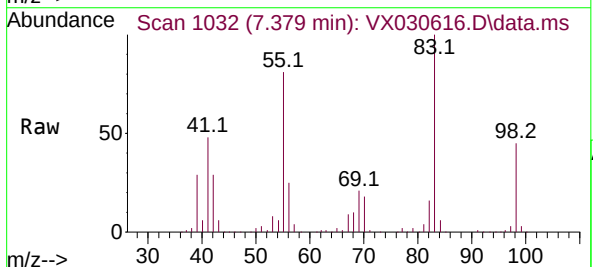
Instrument :
MSVOA_X
ClientSampleId :



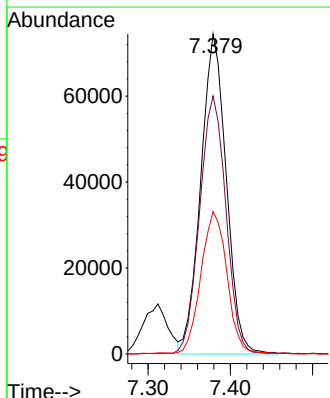
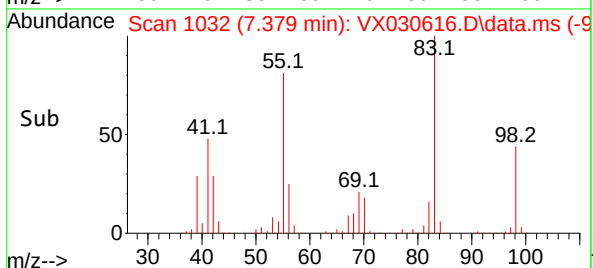
Tgt Ion: 95 Resp: 106637
Ion Ratio Lower Upper
95 100
97 64.6 40.2 74.6
132 84.6 55.3 102.7
130 90.2 58.9 109.5

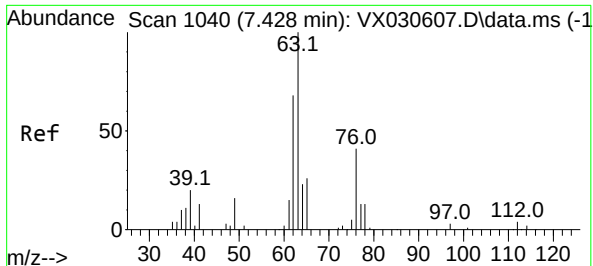


#35
Methylcyclohexane
Concen: 56.277 ug/L
RT: 7.379 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VX030616.D
Acq: 13 Aug 2022 15:08



Tgt Ion: 83 Resp: 160667
Ion Ratio Lower Upper
83 100
55 82.4 64.0 96.0
98 45.6 36.7 55.1





#37

1,2-Dichloropropane

Concen: 59.479 ug/L

RT: 7.428 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VX030616.D

Acq: 13 Aug 2022 15:08

Instrument :

MSVOA_X

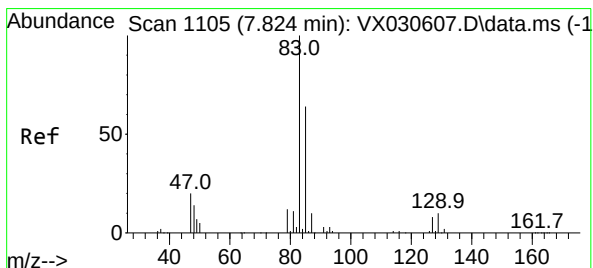
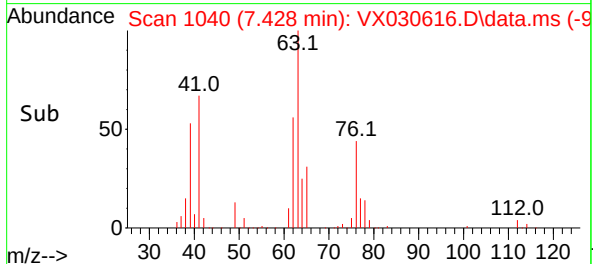
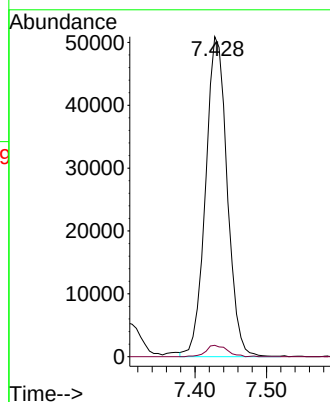
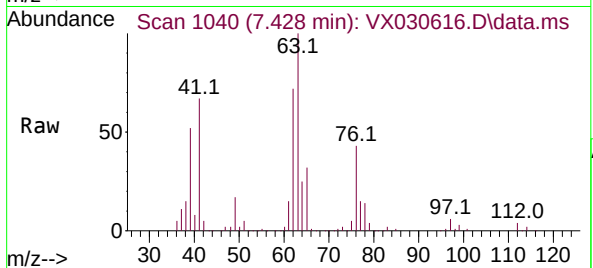
ClientSampleId :

Tgt Ion: 63 Resp: 107082

Ion Ratio Lower Upper

63 100

112 3.5 3.0 4.4



#38

Bromodichloromethane

Concen: 62.855 ug/L

RT: 7.824 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VX030616.D

Acq: 13 Aug 2022 15:08

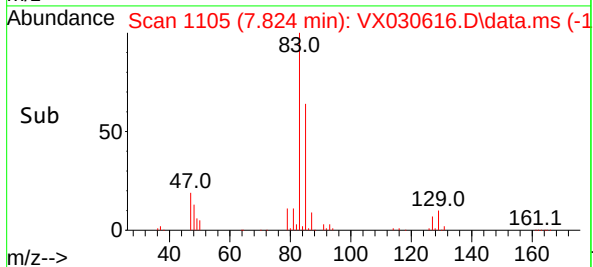
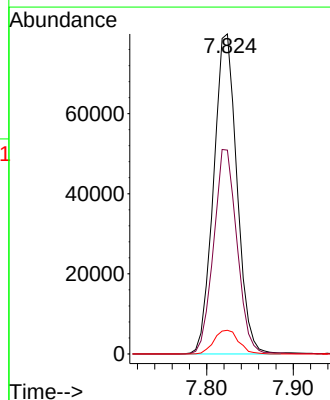
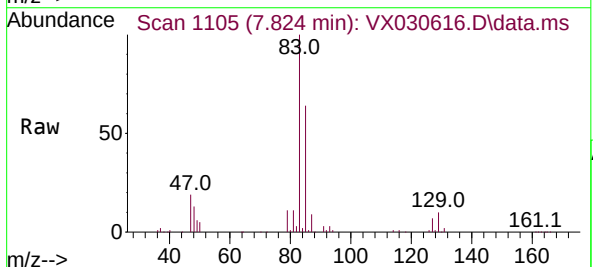
Tgt Ion: 83 Resp: 149764

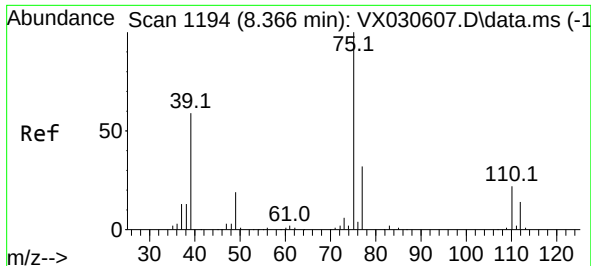
Ion Ratio Lower Upper

83 100

85 63.7 42.5 78.9

127 7.4 6.2 9.2





#39

cis-1,3-Dichloropropene

Concen: 60.326 ug/L

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX030616.D

Acq: 13 Aug 2022 15:08

Instrument :

MSVOA_X

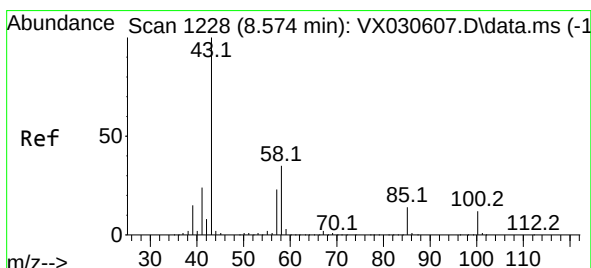
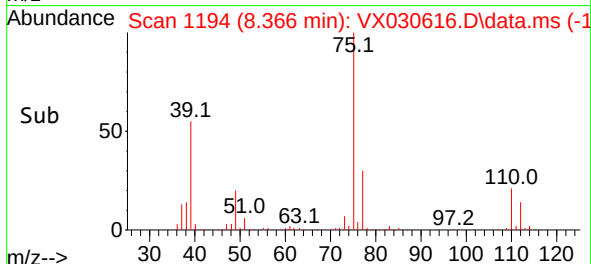
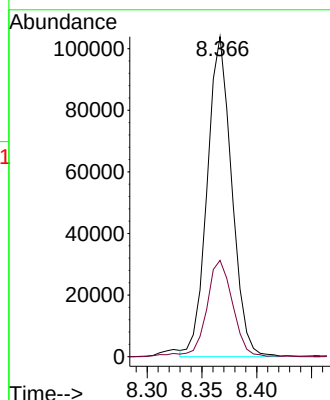
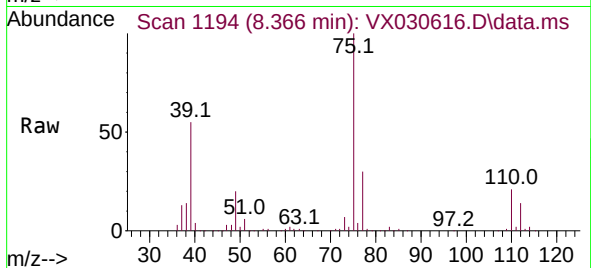
ClientSampleId :

Tgt Ion: 75 Resp: 162012

Ion Ratio Lower Upper

75 100

77 30.1 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 119.962 ug/L

RT: 8.574 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VX030616.D

Acq: 13 Aug 2022 15:08

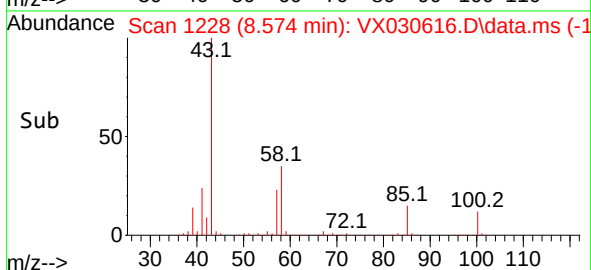
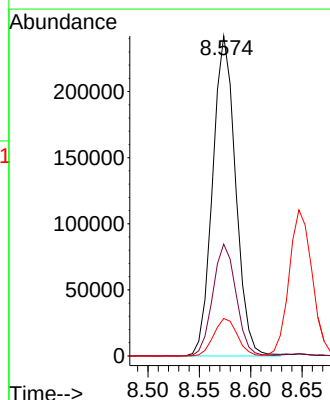
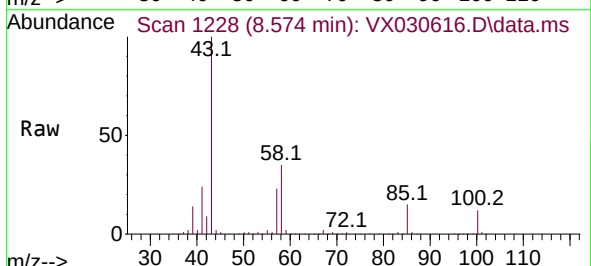
Tgt Ion: 43 Resp: 376098

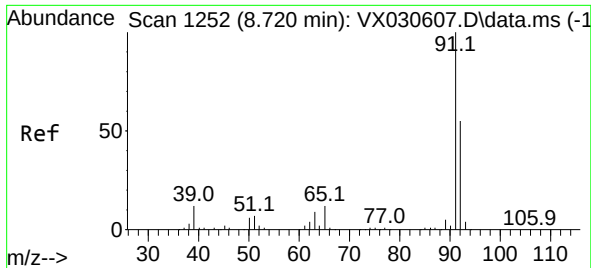
Ion Ratio Lower Upper

43 100

58 35.4 29.0 43.6

100 12.0 10.5 15.7





#42

Toluene

Concen: 58.368 ug/L

RT: 8.720 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX030616.D

Acq: 13 Aug 2022 15:08

Instrument :

MSVOA_X

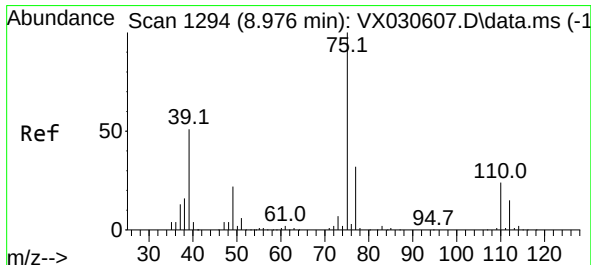
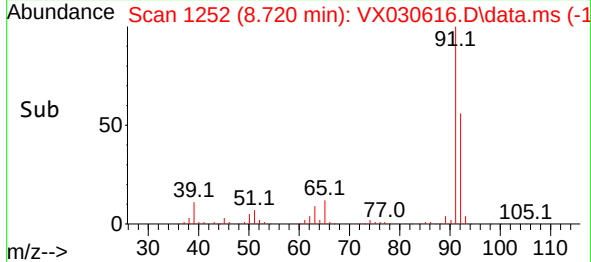
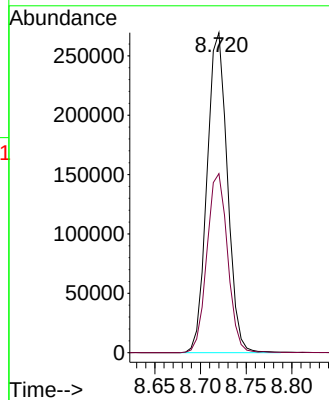
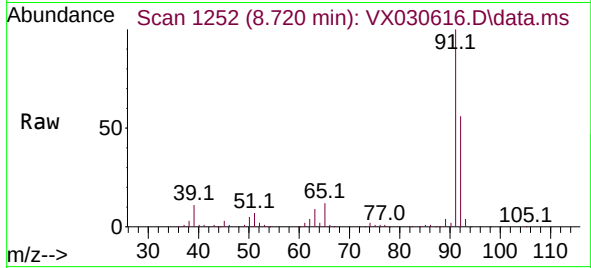
ClientSampleId :

Tgt Ion: 91 Resp: 417498

Ion Ratio Lower Upper

91 100

92 56.0 40.0 74.4



#44

trans-1,3-Dichloropropene

Concen: 61.772 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. 0.000 min

Lab File: VX030616.D

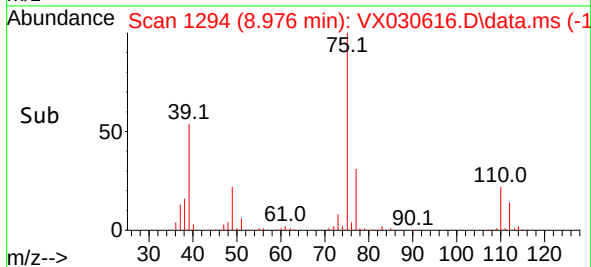
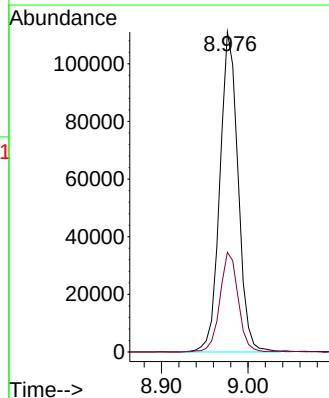
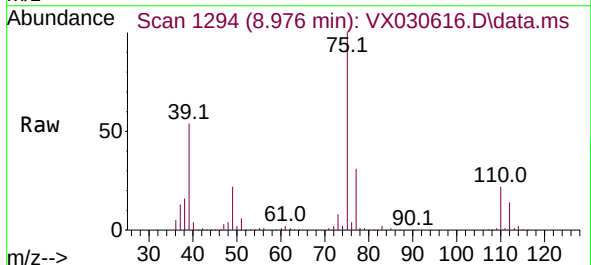
Acq: 13 Aug 2022 15:08

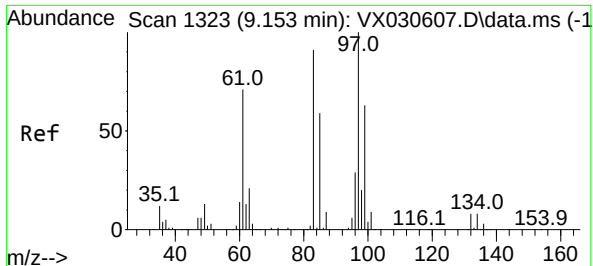
Tgt Ion: 75 Resp: 162372

Ion Ratio Lower Upper

75 100

77 31.2 22.5 41.7





#45

1,1,2-Trichloroethane

Concen: 60.948 ug/L

RT: 9.153 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX030616.D

Acq: 13 Aug 2022 15:08

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 97 Resp: 102029

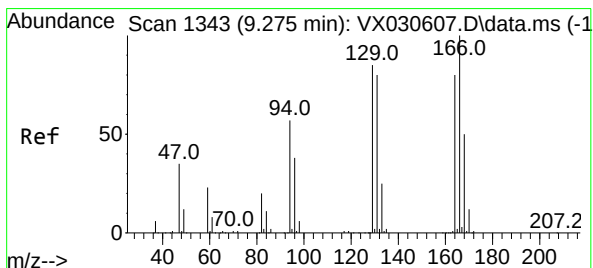
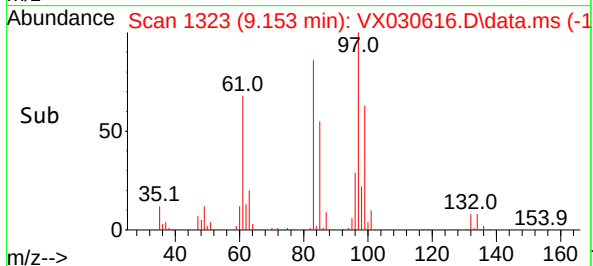
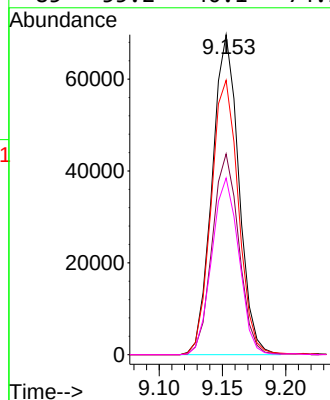
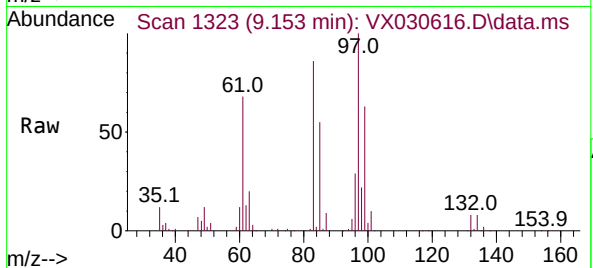
Ion Ratio Lower Upper

97 100

99 62.7 43.3 80.3

83 85.8 63.0 117.0

85 55.2 40.1 74.5



#46

Tetrachloroethene

Concen: 56.168 ug/L

RT: 9.275 min Scan# 1343

Delta R.T. 0.000 min

Lab File: VX030616.D

Acq: 13 Aug 2022 15:08

Tgt Ion:164 Resp: 69613

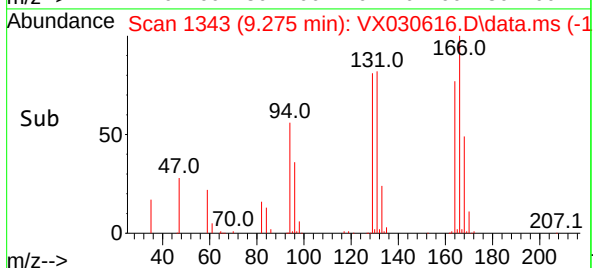
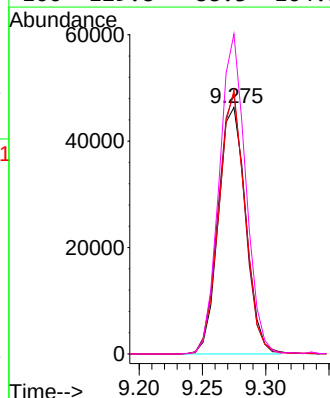
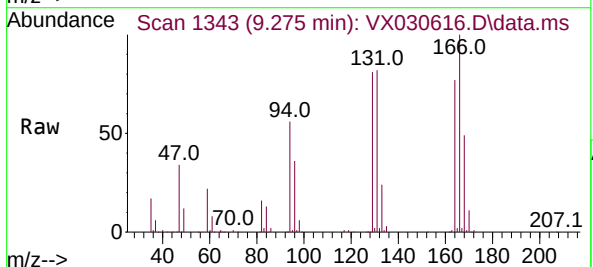
Ion Ratio Lower Upper

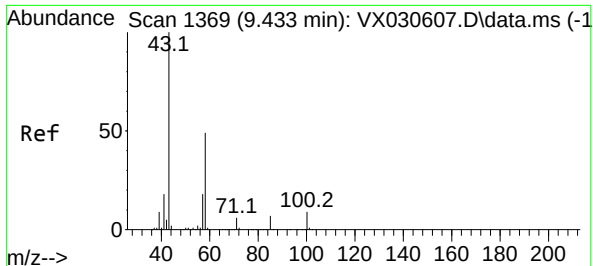
164 100

129 105.5 72.7 135.1

131 106.9 69.9 129.9

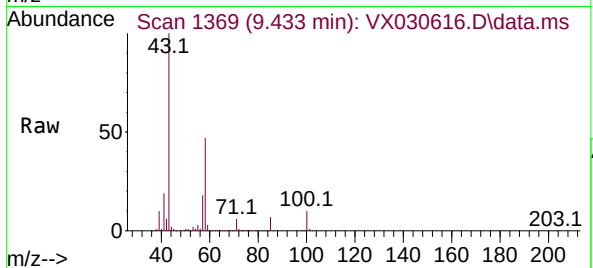
166 129.8 88.3 164.1



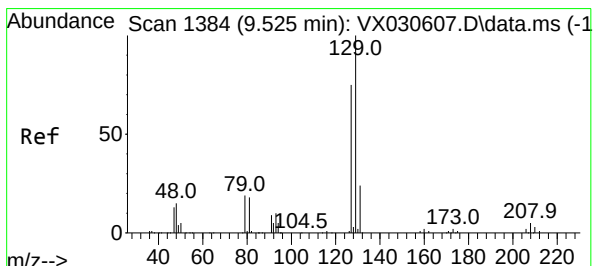
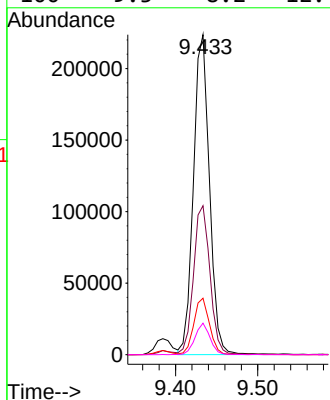
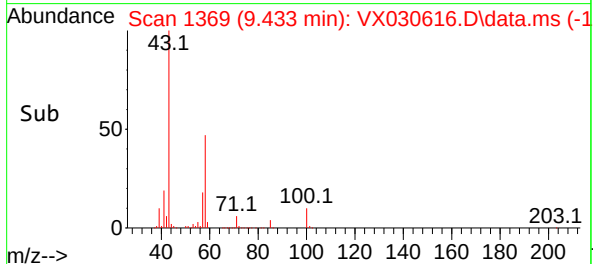


#48
2-Hexanone
Concen: 124.290 ug/L
RT: 9.433 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX030616.D
Acq: 13 Aug 2022 15:08

Instrument :
MSVOA_X
ClientSampleId :

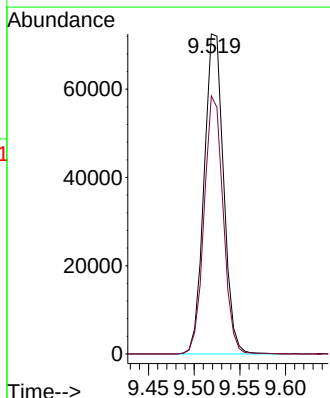
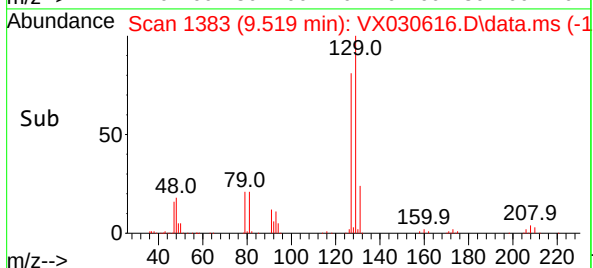
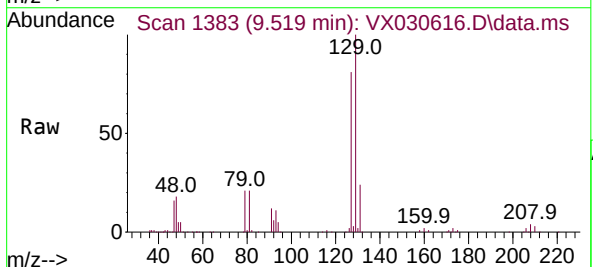


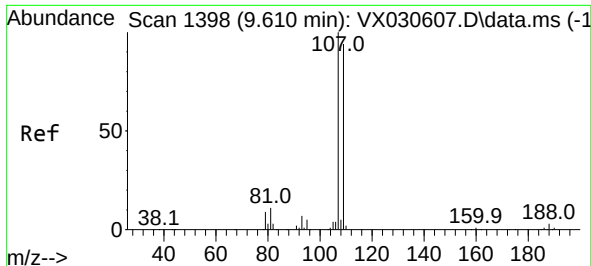
Tgt Ion: 43 Resp: 302762
Ion Ratio Lower Upper
43 100
58 47.8 40.4 60.6
57 17.3 14.6 22.0
100 9.3 8.2 12.4



#49
Dibromochloromethane
Concen: 60.336 ug/L
RT: 9.519 min Scan# 1383
Delta R.T. -0.006 min
Lab File: VX030616.D
Acq: 13 Aug 2022 15:08

Tgt Ion: 129 Resp: 107457
Ion Ratio Lower Upper
129 100
127 80.7 55.6 103.2

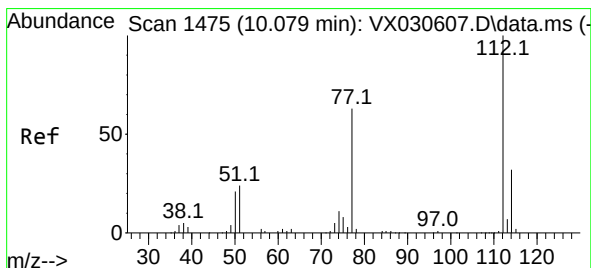
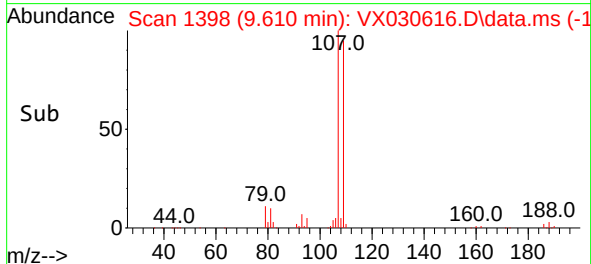
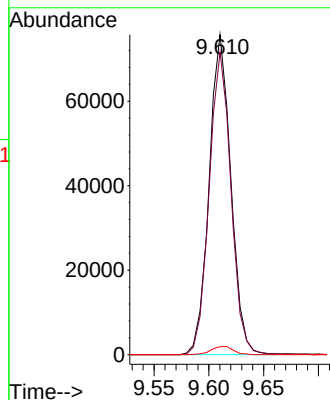
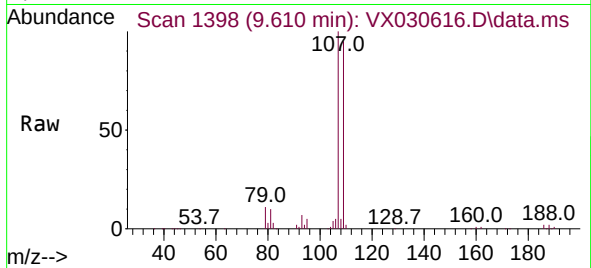




#50
1,2-Dibromoethane
Concen: 56.832 ug/L
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX030616.D
Acq: 13 Aug 2022 15:08

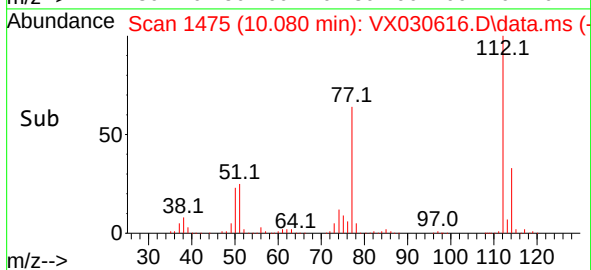
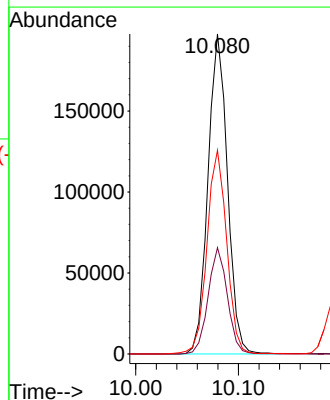
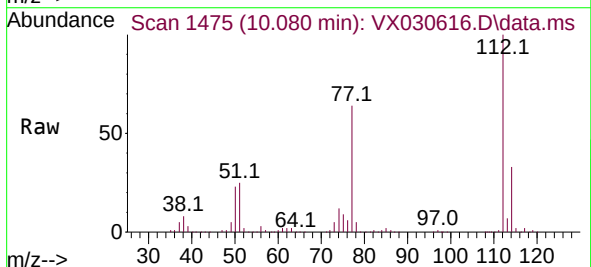
Instrument :
MSVOA_X
ClientSampleId :

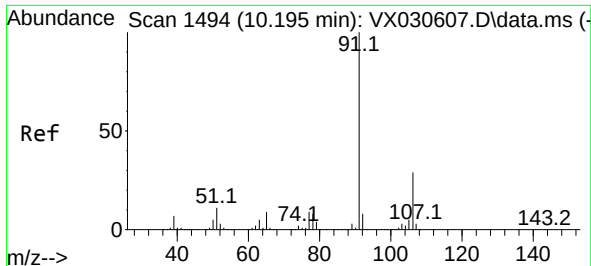
Tgt Ion:107 Resp: 104624
Ion Ratio Lower Upper
107 100
109 94.5 64.8 120.4
188 2.5 2.2 3.2



#51
Chlorobenzene
Concen: 58.384 ug/L
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX030616.D
Acq: 13 Aug 2022 15:08

Tgt Ion:112 Resp: 260178
Ion Ratio Lower Upper
112 100
114 33.2 22.3 41.5
77 63.7 50.8 76.2

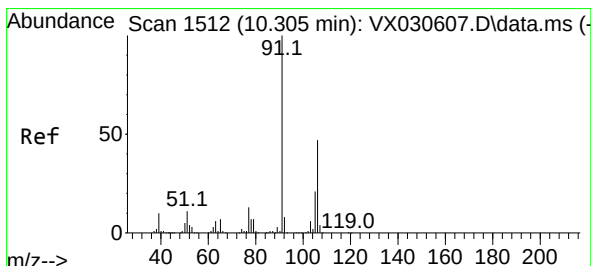
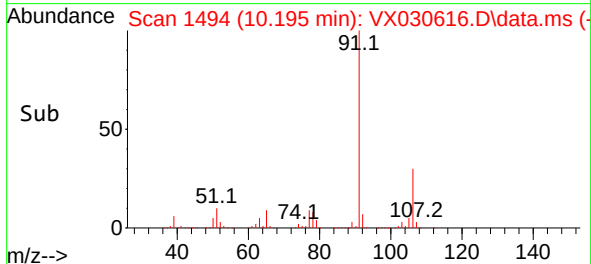
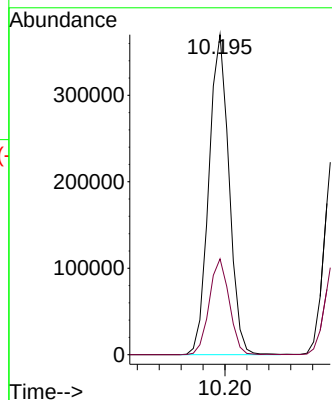
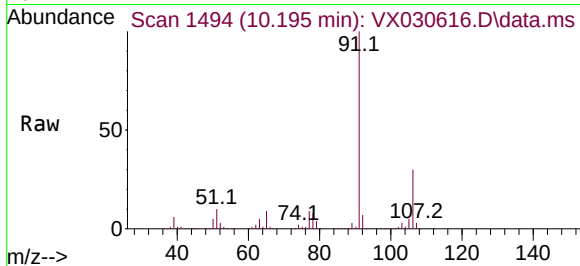




#52
Ethylbenzene
Concen: 60.457 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX030616.D
Acq: 13 Aug 2022 15:08

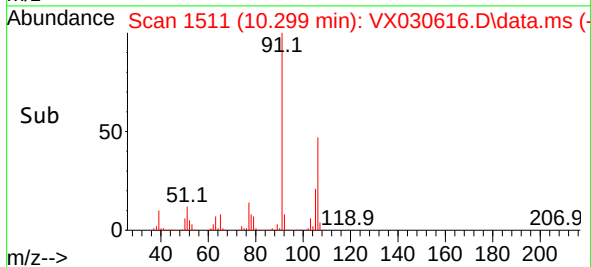
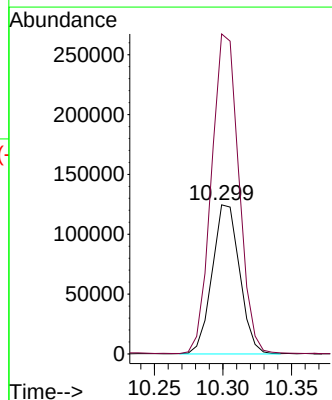
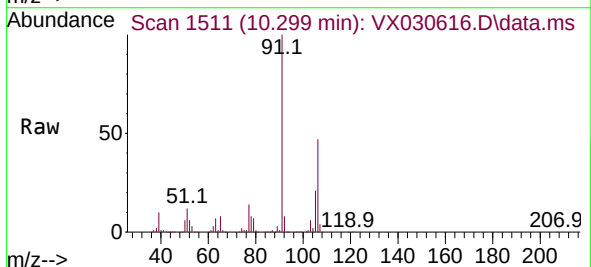
Instrument :
MSVOA_X
ClientSampleId :

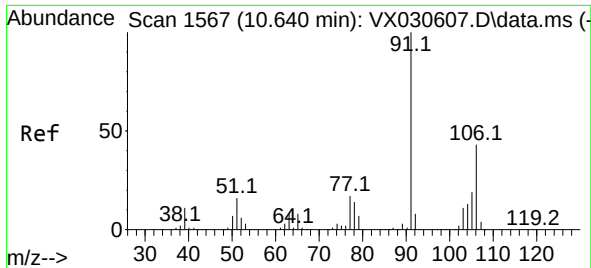
Tgt Ion: 91 Resp: 471524
Ion Ratio Lower Upper
91 100
106 30.0 21.3 39.5



#53
m,p-Xylene
Concen: 59.702 ug/L
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX030616.D
Acq: 13 Aug 2022 15:08

Tgt Ion:106 Resp: 173553
Ion Ratio Lower Upper
106 100
91 214.6 147.8 274.6

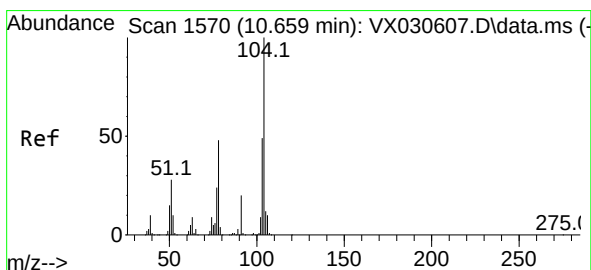
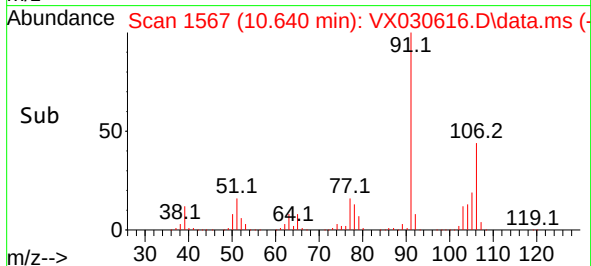
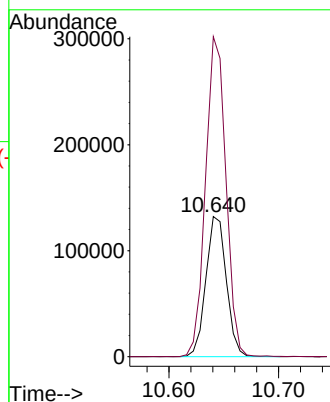
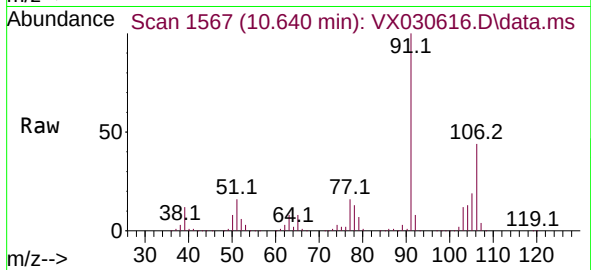




#54
o-Xylene
Concen: 59.119 ug/L
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX030616.D
Acq: 13 Aug 2022 15:08

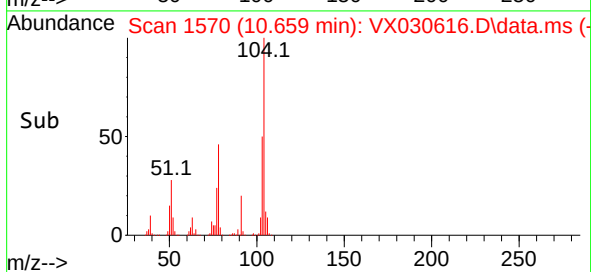
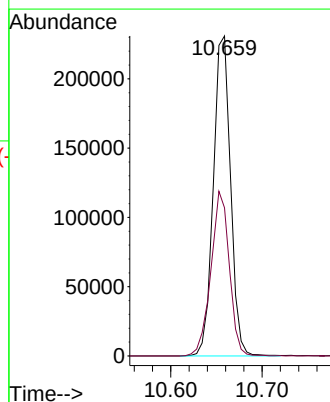
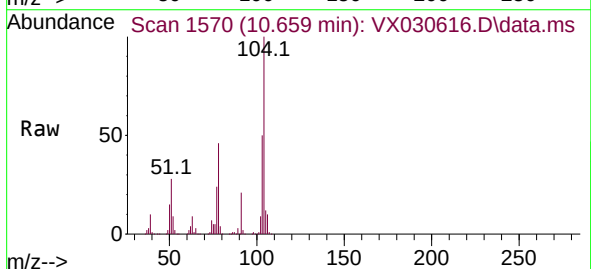
Instrument :
MSVOA_X
ClientSampleId :

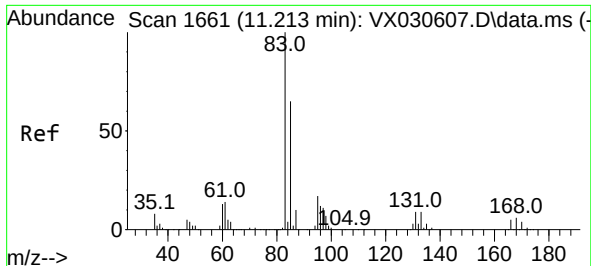
Tgt Ion:106 Resp: 171251
Ion Ratio Lower Upper
106 100
91 228.3 157.8 293.0



#55
Styrene
Concen: 61.898 ug/L
RT: 10.659 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VX030616.D
Acq: 13 Aug 2022 15:08

Tgt Ion:104 Resp: 301902
Ion Ratio Lower Upper
104 100
78 46.3 33.2 61.7

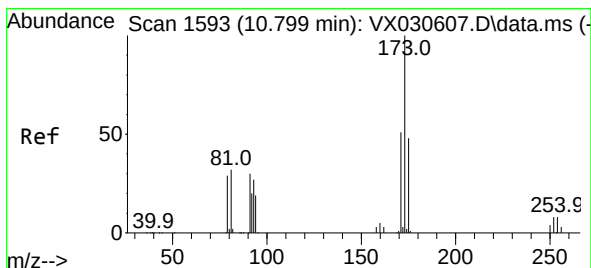
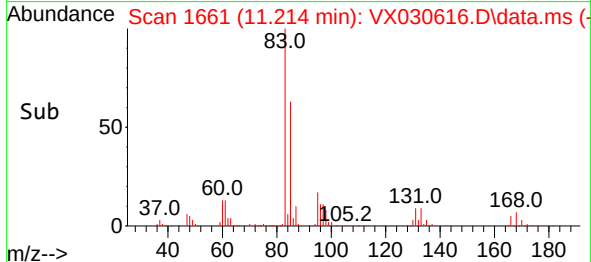
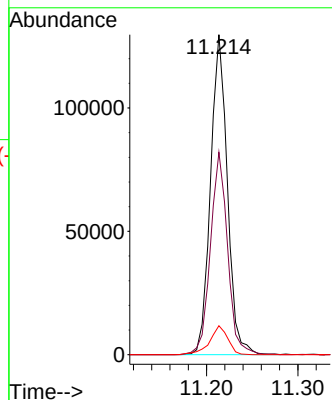
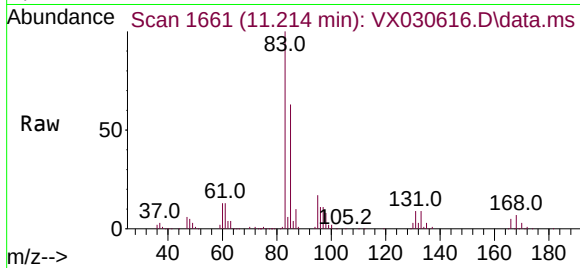




#57
1,1,2,2-Tetrachloroethane
Concen: 64.935 ug/L
RT: 11.214 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX030616.D
Acq: 13 Aug 2022 15:08

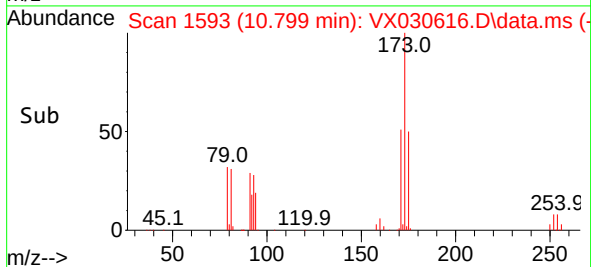
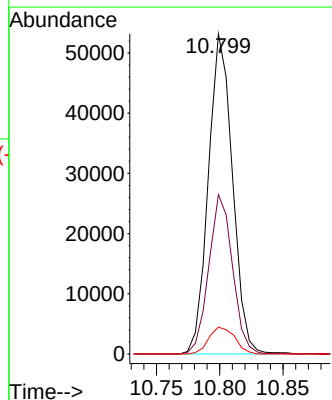
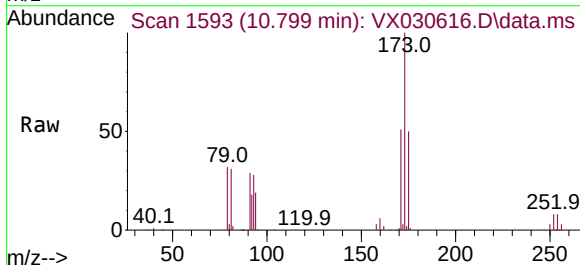
Instrument :
MSVOA_X
ClientSampleId :

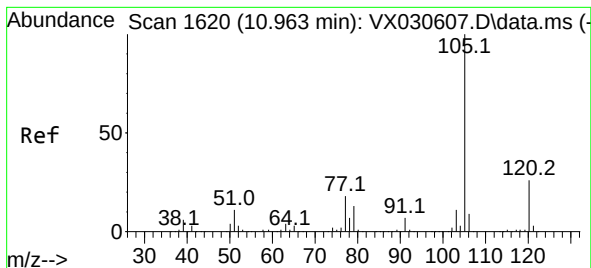
Tgt Ion: 83 Resp: 165401
Ion Ratio Lower Upper
83 100
85 63.2 44.4 82.4
131 9.1 7.5 11.3



#59
Bromoform
Concen: 58.210 ug/L
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX030616.D
Acq: 13 Aug 2022 15:08

Tgt Ion:173 Resp: 70550
Ion Ratio Lower Upper
173 100
175 48.9 38.9 58.3
254 9.0 7.0 10.4





#60

Isopropylbenzene

Concen: 58.781 ug/L

RT: 10.964 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX030616.D

Acq: 13 Aug 2022 15:08

Instrument :

MSVOA_X

ClientSampleId :

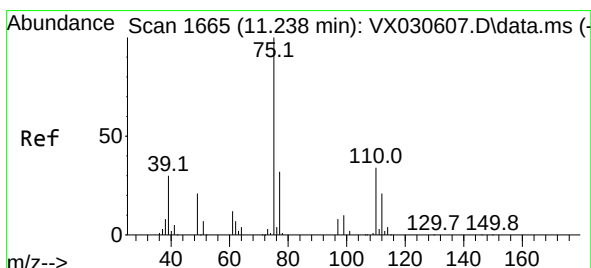
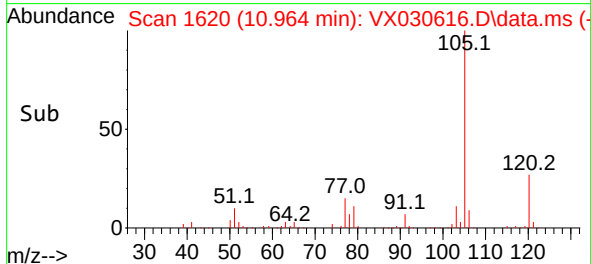
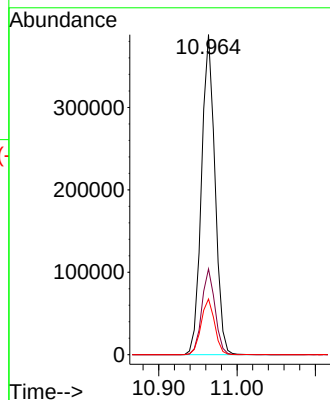
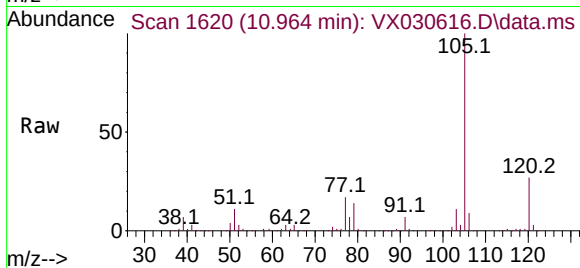
Tgt Ion:105 Resp: 463725

Ion Ratio Lower Upper

105 100

120 26.2 20.6 31.0

77 17.5 13.5 20.3



#61

1,2,3-Trichloropropane

Concen: 58.257 ug/L

RT: 11.238 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX030616.D

Acq: 13 Aug 2022 15:08

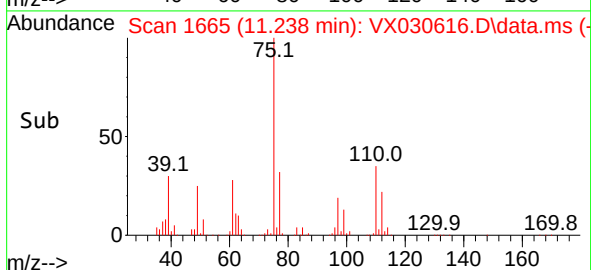
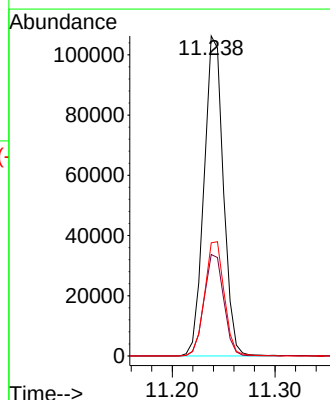
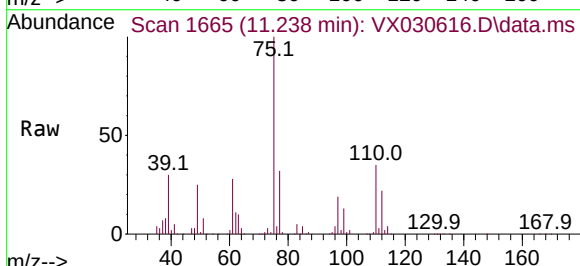
Tgt Ion: 75 Resp: 139243

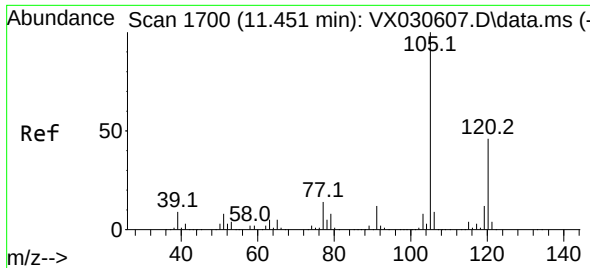
Ion Ratio Lower Upper

75 100

77 32.2 26.1 39.1

110 36.3 30.5 45.7

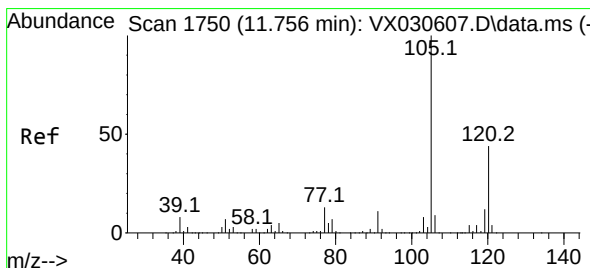
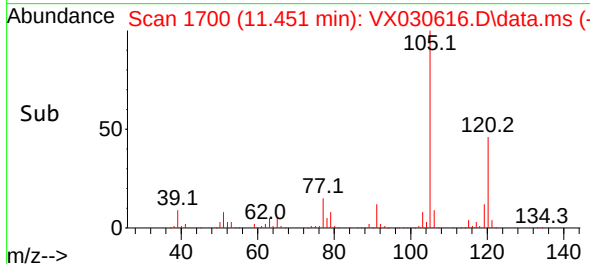
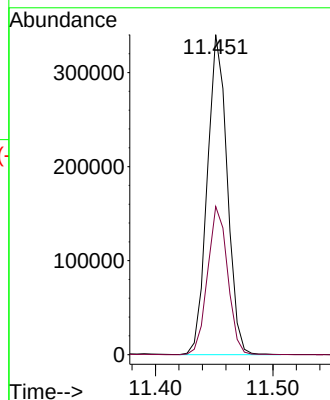
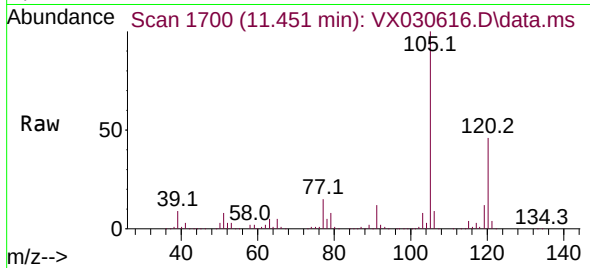




#62
 1,3,5-Trimethylbenzene
 Concen: 59.573 ug/L
 RT: 11.451 min Scan# 1700
 Delta R.T. 0.000 min
 Lab File: VX030616.D
 Acq: 13 Aug 2022 15:08

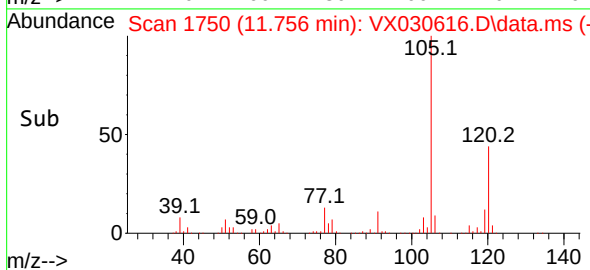
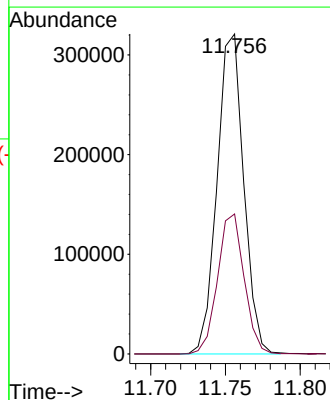
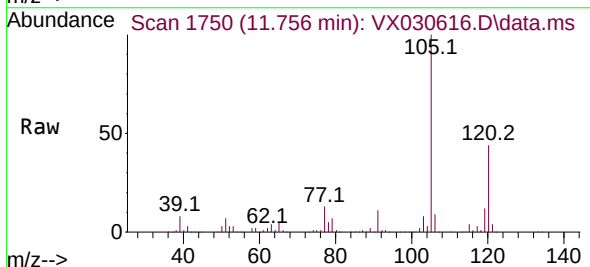
Instrument :
 MSVOA_X
 ClientSampleId :

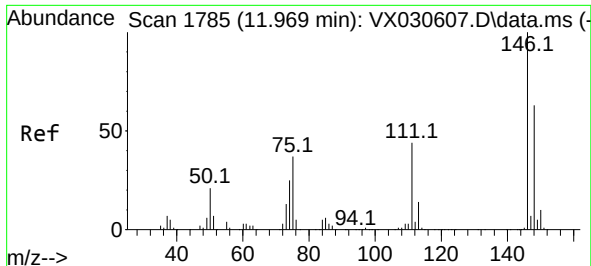
Tgt Ion:105 Resp: 401239
 Ion Ratio Lower Upper
 105 100
 120 46.6 37.2 55.8



#63
 1,2,4-Trimethylbenzene
 Concen: 58.461 ug/L
 RT: 11.756 min Scan# 1750
 Delta R.T. 0.000 min
 Lab File: VX030616.D
 Acq: 13 Aug 2022 15:08

Tgt Ion:105 Resp: 397641
 Ion Ratio Lower Upper
 105 100
 120 43.7 35.9 53.9

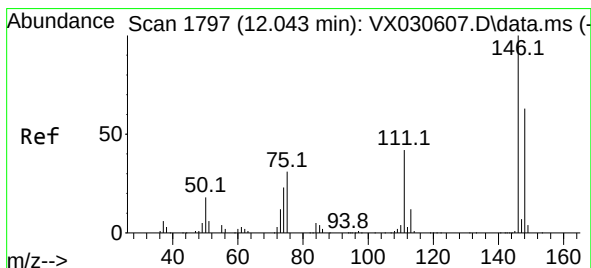
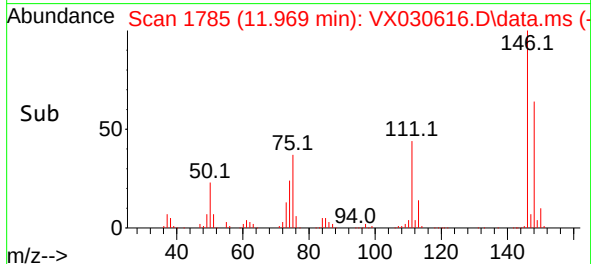
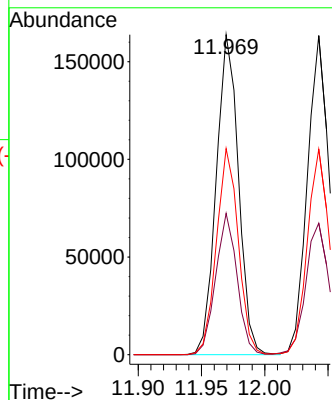
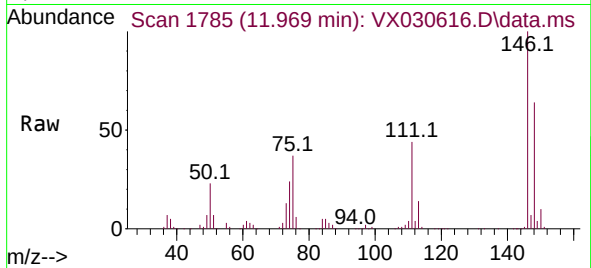




#64
1,3-Dichlorobenzene
Concen: 58.361 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX030616.D
Acq: 13 Aug 2022 15:08

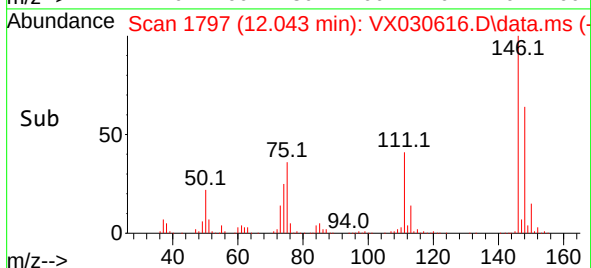
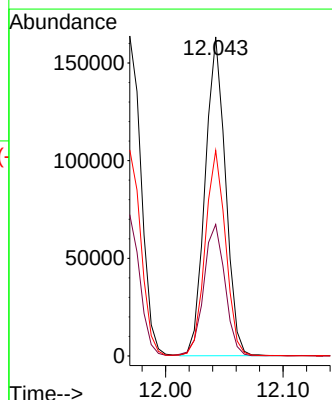
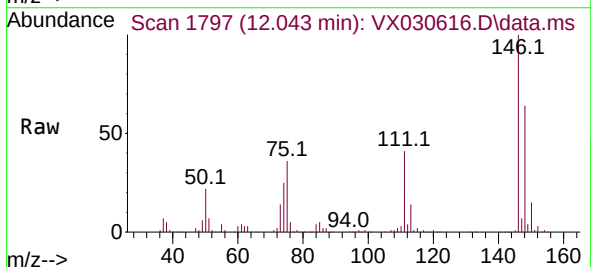
Instrument :
MSVOA_X
ClientSampleId :

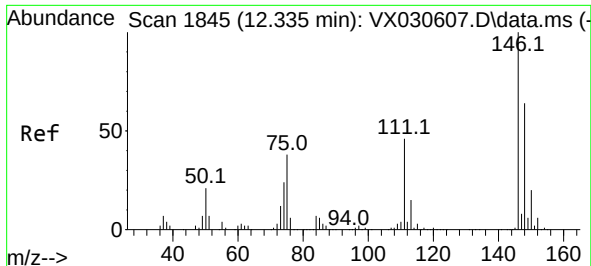
Tgt Ion:146 Resp: 200143
Ion Ratio Lower Upper
146 100
111 44.2 30.9 57.5
148 64.4 42.6 79.0



#65
1,4-Dichlorobenzene
Concen: 56.292 ug/L
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX030616.D
Acq: 13 Aug 2022 15:08

Tgt Ion:146 Resp: 196247
Ion Ratio Lower Upper
146 100
111 41.2 32.6 60.6
148 64.4 48.3 89.7





#67

1,2-Dichlorobenzene

Concen: 55.754 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX030616.D

Acq: 13 Aug 2022 15:08

Instrument :

MSVOA_X

ClientSampleId :

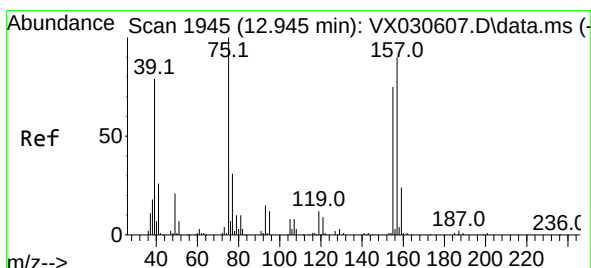
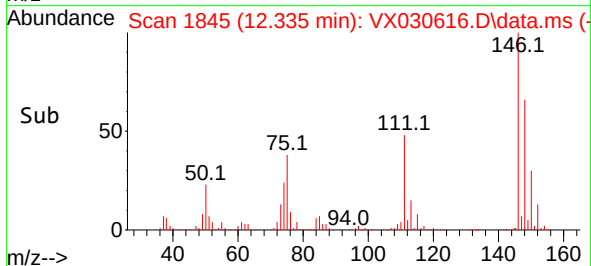
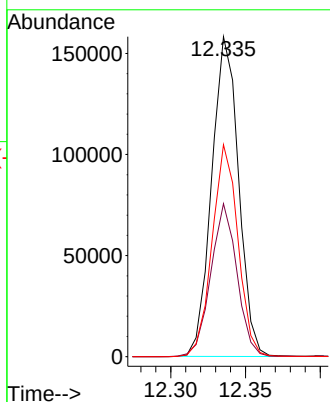
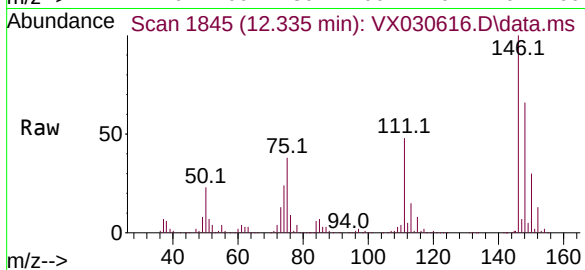
Tgt Ion:146 Resp: 197729

Ion Ratio Lower Upper

146 100

111 47.8 36.9 55.3

148 66.3 49.9 74.9



#68

1,2-Dibromo-3-chloropropane

Concen: 51.687 ug/L

RT: 12.945 min Scan# 1945

Delta R.T. 0.000 min

Lab File: VX030616.D

Acq: 13 Aug 2022 15:08

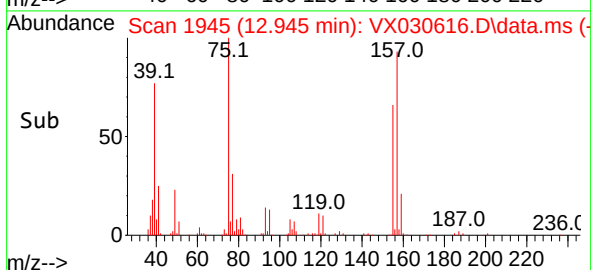
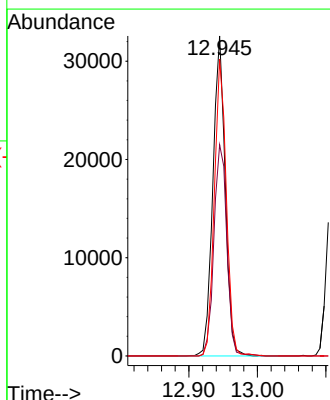
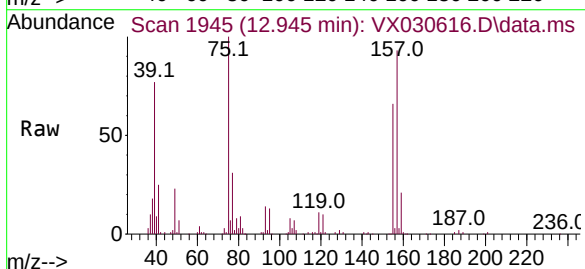
Tgt Ion: 75 Resp: 40752

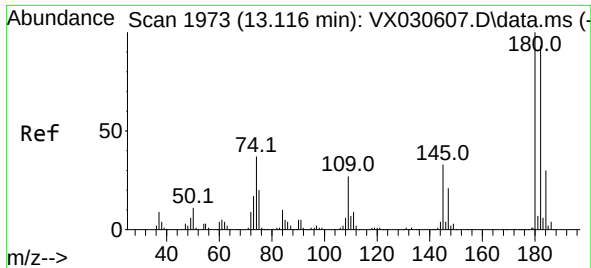
Ion Ratio Lower Upper

75 100

155 66.0 57.1 85.7

157 92.7 73.1 109.7





#69

1,3,5-Trichlorobenzene

Concen: 55.278 ug/L

RT: 13.116 min Scan# 1973

Delta R.T. 0.000 min

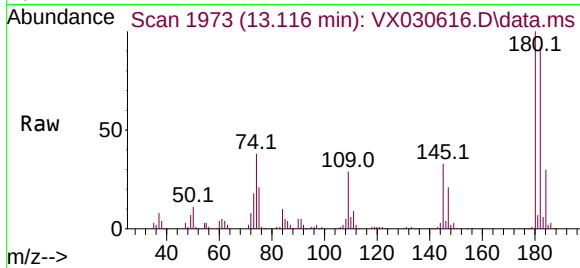
Lab File: VX030616.D

Acq: 13 Aug 2022 15:08

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:180 Resp: 132943

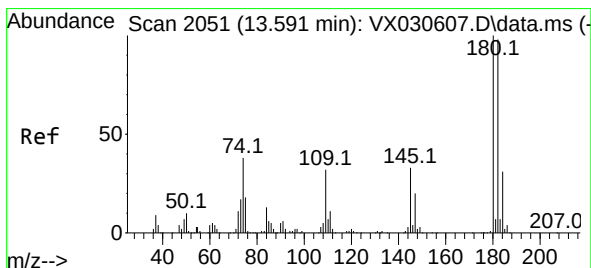
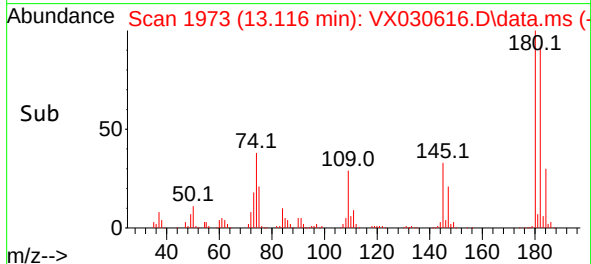
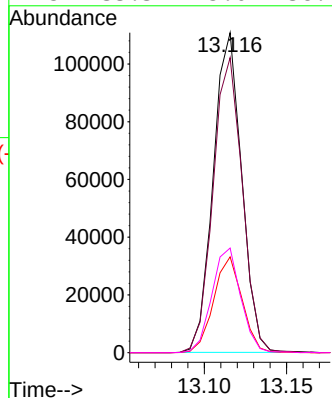
Ion Ratio Lower Upper

180 100

182 95.1 73.7 110.5

184 30.1 24.1 36.1

145 33.3 25.6 38.4



#70

1,2,4-trichlorobenzene

Concen: 56.347 ug/L

RT: 13.591 min Scan# 2051

Delta R.T. 0.000 min

Lab File: VX030616.D

Acq: 13 Aug 2022 15:08

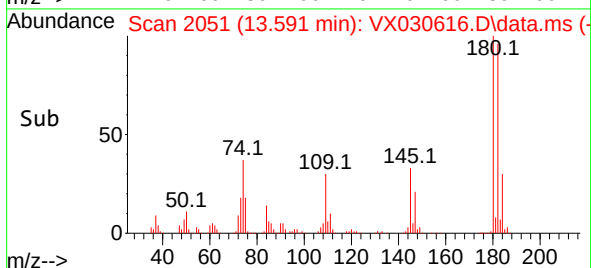
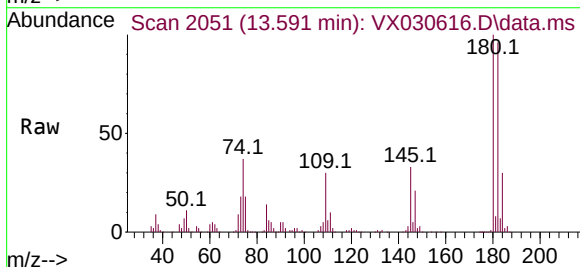
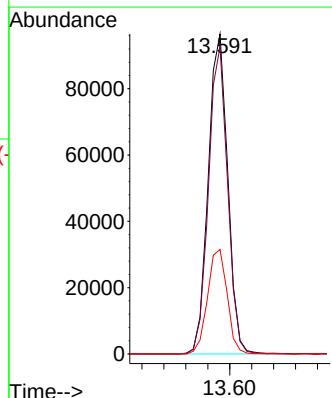
Tgt Ion:180 Resp: 119013

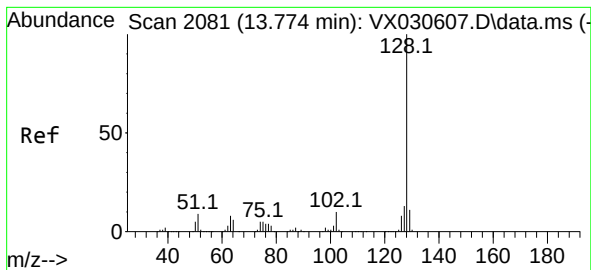
Ion Ratio Lower Upper

180 100

182 94.0 72.7 109.1

145 32.9 26.6 40.0





#71

Naphthalene

Concen: 53.616 ug/L

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX030616.D

Acq: 13 Aug 2022 15:08

Instrument :

MSVOA_X

ClientSampleId :

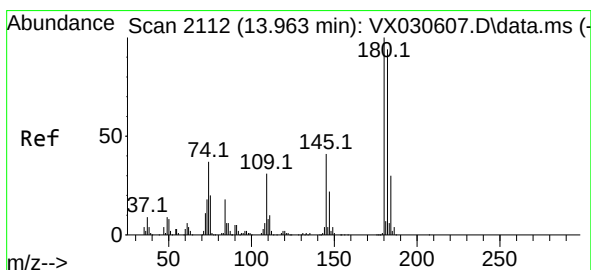
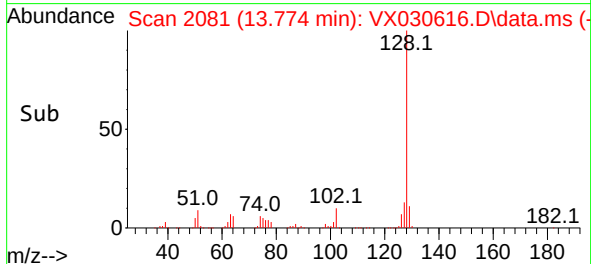
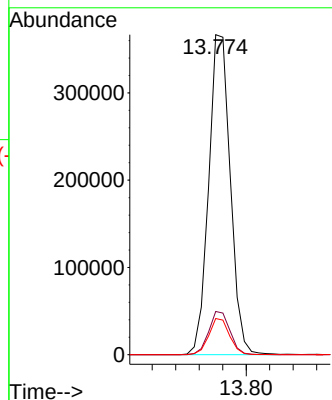
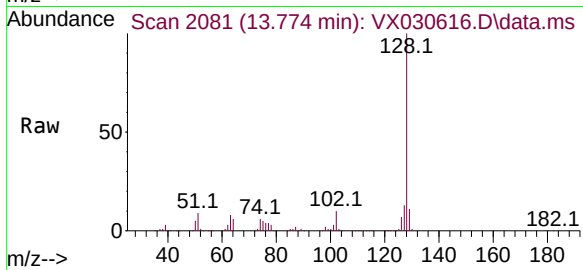
Tgt Ion:128 Resp: 468768

Ion Ratio Lower Upper

128 100

127 13.2 10.3 15.5

129 10.8 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 54.570 ug/L

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX030616.D

Acq: 13 Aug 2022 15:08

Tgt Ion:180 Resp: 121749

Ion Ratio Lower Upper

180 100

182 94.7 74.6 112.0

145 36.6 28.4 42.6

