

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081622\
 Data File : VX030642.D
 Acq On : 16 Aug 2022 09:27
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050785

Quant Time: Aug 17 02:15:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML080422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 16 04:27:08 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	299055	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	271425	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	140710	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	62159	32.366	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	64.740%
7) Chloroethane-d5	1.666	69	55177	40.756	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	81.520%
11) 1,1-Dichloroethene-d2	2.307	63	160003	44.044	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.080%
21) 2-Butanone-d5	4.459	46	203822	114.544	ug/L	-0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	114.540%
24) Chloroform-d	5.062	84	187507	47.430	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.860%
26) 1,2-Dichloroethane-d4	5.958	65	122531	45.646	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.300%
32) Benzene-d6	5.977	84	314809	40.491	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.980%
36) 1,2-Dichloropropane-d6	7.312	67	117873	46.728	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.460%
41) Toluene-d8	8.647	98	285429	38.947	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	77.900%#
43) trans-1,3-Dichloroprop...	8.952	79	50988	40.631	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.260%
47) 2-Hexanone-d5	9.384	63	140063	108.933	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.930%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	178605	53.898	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	107.800%
66) 1,2-Dichlorobenzene-d4	12.323	152	120470	44.141	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.280%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	115047	51.125	ug/L	99
3) Chloromethane	1.288	50	98078	50.687	ug/L	100
5) Vinyl chloride	1.374	62	112610	54.484	ug/L	98
6) Bromomethane	1.611	94	44744	46.068	ug/L	98
8) Chloroethane	1.685	64	68575	58.248	ug/L	99
9) Trichlorofluoromethane	1.886	101	171166	56.035	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	113816	62.645	ug/L	97
12) 1,1-Dichloroethene	2.319	96	101859	60.854	ug/L #	76
13) Acetone	2.386	43	136151	104.400	ug/L	97
14) Carbon disulfide	2.514	76	259225	47.782	ug/L	98
15) Methyl Acetate	2.709	43	149923	55.540	ug/L	99
16) Methylene chloride	2.788	84	123620	58.244	ug/L	98
17) trans-1,2-Dichloroethene	3.093	96	108985	56.202	ug/L	95
18) Methyl tert-butyl Ether	3.117	73	388374	58.893	ug/L	98
19) 1,1-Dichloroethane	3.611	63	221295	59.002	ug/L	99
20) cis-1,2-Dichloroethene	4.489	96	126143	57.827	ug/L	99
22) 2-Butanone	4.562	43	222332	108.070	ug/L	96
23) Bromochloromethane	4.904	128	64065	58.564	ug/L	94
25) Chloroform	5.093	83	235019	59.639	ug/L	99

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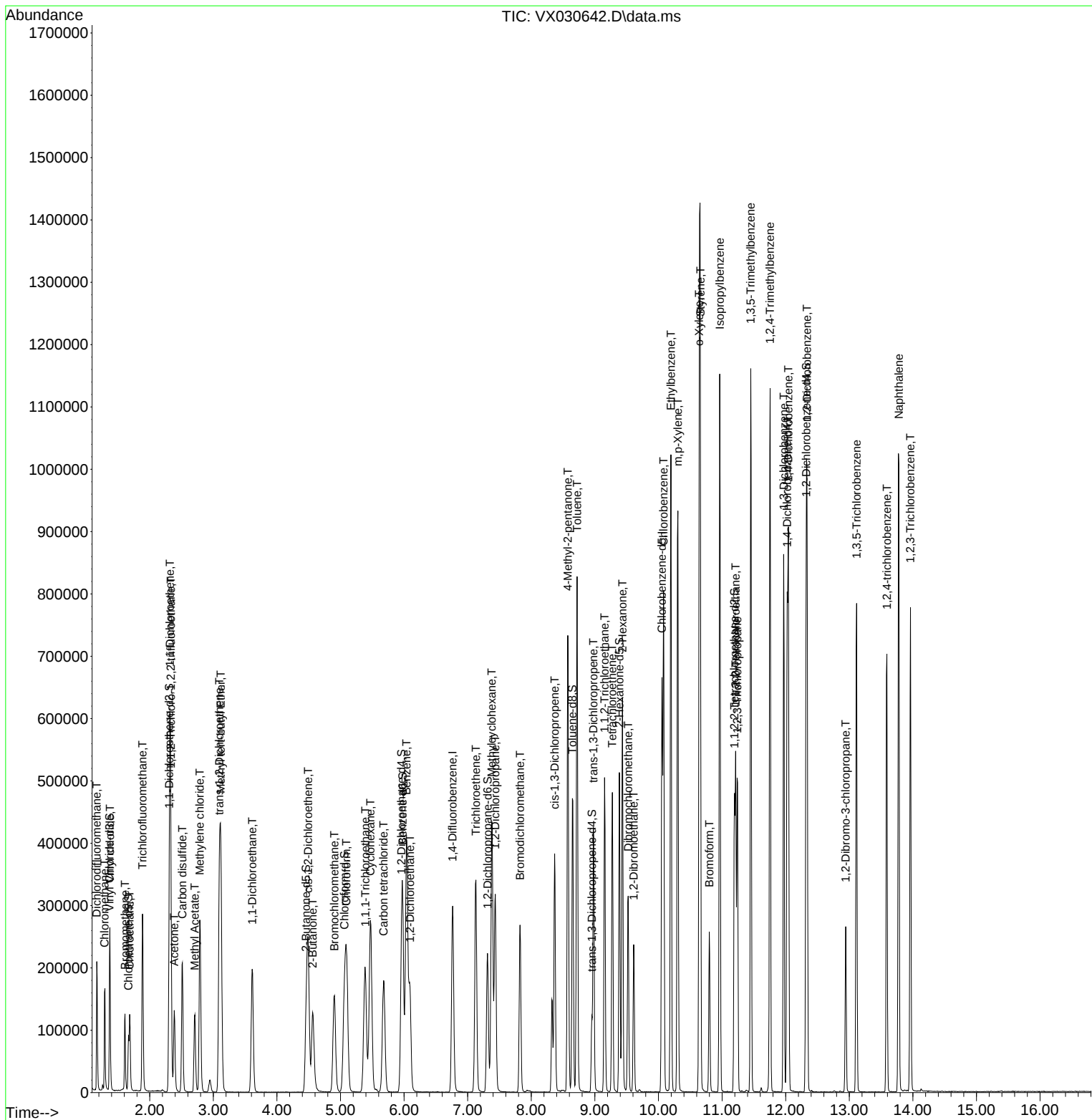
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050785

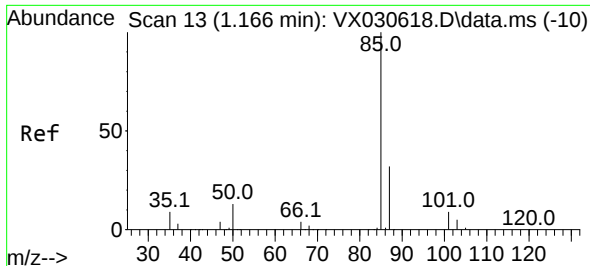
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 QLast Update : Tue Aug 16 04:27:08 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.092	62	181966	55.480	ug/L	99
29) Cyclohexane	5.471	56	191266	53.006	ug/L	98
30) 1,1,1-Trichloroethane	5.391	97	197037	55.034	ug/L	99
31) Carbon tetrachloride	5.678	117	164016	55.506	ug/L	99
33) Benzene	6.038	78	489465	56.245	ug/L	100
34) Trichloroethene	7.129	95	131371	52.122	ug/L	88
35) Methylcyclohexane	7.379	83	192689	52.515	ug/L	99
37) 1,2-Dichloropropane	7.434	63	135363	58.501	ug/L	99
38) Bromodichloromethane	7.824	83	176894	57.764	ug/L	94
39) cis-1,3-Dichloropropene	8.366	75	197554	57.234	ug/L	98
40) 4-Methyl-2-pentanone	8.574	43	448624	111.337	ug/L	100
42) Toluene	8.720	91	520401	56.607	ug/L	99
44) trans-1,3-Dichloropropene	8.976	75	198113	58.642	ug/L	97
45) 1,1,2-Trichloroethane	9.153	97	126428	58.762	ug/L	99
46) Tetrachloroethene	9.275	164	84061	52.772	ug/L	98
48) 2-Hexanone	9.433	43	341197	108.982	ug/L	99
49) Dibromochloromethane	9.525	129	134582	58.796	ug/L	98
50) 1,2-Dibromoethane	9.610	107	131753	55.685	ug/L	98
51) Chlorobenzene	10.079	112	329931	57.606	ug/L	99
52) Ethylbenzene	10.195	91	573063	57.169	ug/L	99
53) m,p-Xylene	10.305	106	213802	57.225	ug/L	100
54) o-Xylene	10.640	106	211059	56.690	ug/L	100
55) Styrene	10.659	104	383239	61.135	ug/L	96
57) 1,1,2,2-Tetrachloroethane	11.213	83	201427	61.528	ug/L	98
59) Bromoform	10.799	173	85440	55.760	ug/L	99
60) Isopropylbenzene	10.963	105	564190	56.567	ug/L	98
61) 1,2,3-Trichloropropane	11.238	75	172724	57.159	ug/L	96
62) 1,3,5-Trimethylbenzene	11.451	105	490477	57.601	ug/L	100
63) 1,2,4-Trimethylbenzene	11.756	105	486374	56.560	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	247963	57.191	ug/L	99
65) 1,4-Dichlorobenzene	12.043	146	250486	56.831	ug/L	95
67) 1,2-Dichlorobenzene	12.335	146	258054	57.554	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.945	75	54399	54.574	ug/L	98
69) 1,3,5-Trichlorobenzene	13.116	180	170521	56.082	ug/L	98
70) 1,2,4-trichlorobenzene	13.591	180	155869	58.371	ug/L	99
71) Naphthalene	13.780	128	625361	56.576	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	161088	57.109	ug/L	99

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

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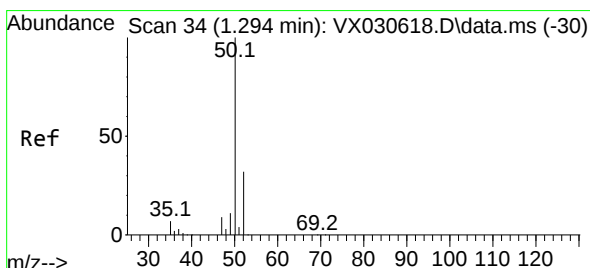
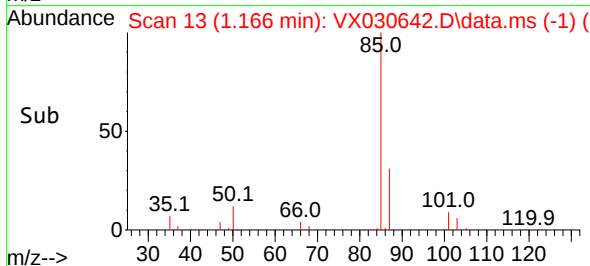
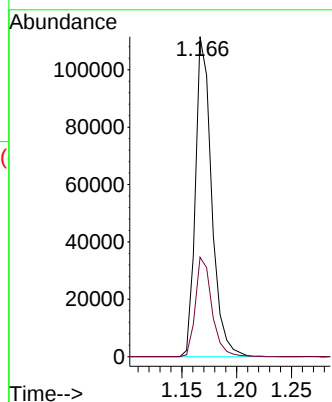
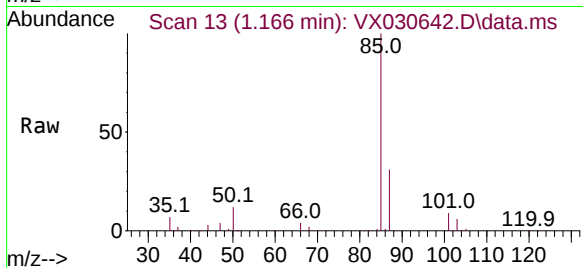




#2
Dichlorodifluoromethane
Concen: 51.125 ug/L
RT: 1.166 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX030642.D
Acq: 16 Aug 2022 09:27

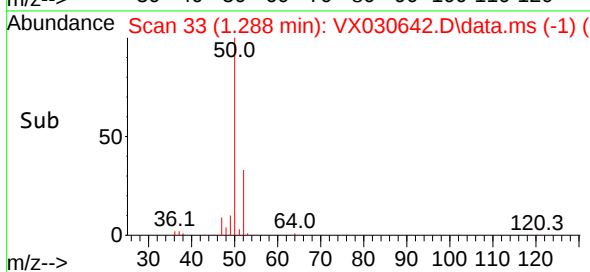
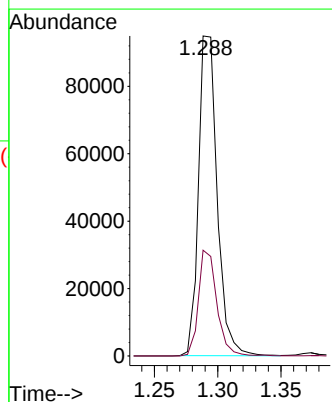
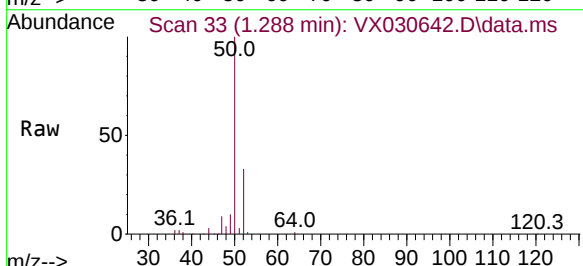
Instrument :
MSVOA_X
ClientSampleId :
VSTD050785

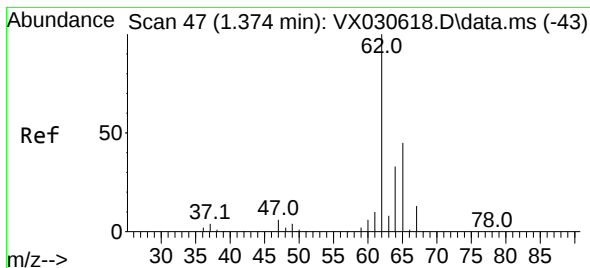
Tgt Ion: 85 Resp: 115047
Ion Ratio Lower Upper
85 100
87 31.7 25.6 38.4



#3
Chloromethane
Concen: 50.687 ug/L
RT: 1.288 min Scan# 33
Delta R.T. -0.006 min
Lab File: VX030642.D
Acq: 16 Aug 2022 09:27

Tgt Ion: 50 Resp: 98078
Ion Ratio Lower Upper
50 100
52 33.1 23.3 43.3





#5

Vinyl chloride

Concen: 54.484 ug/L

RT: 1.374 min Scan# 41

Delta R.T. 0.000 min

Lab File: VX030642.D

Acq: 16 Aug 2022 09:27

Instrument :

MSVOA_X

ClientSampleId :

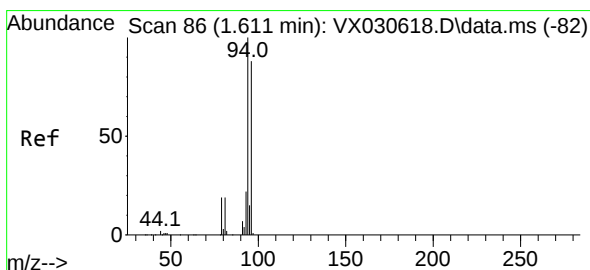
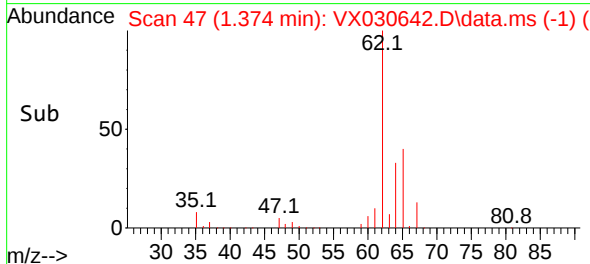
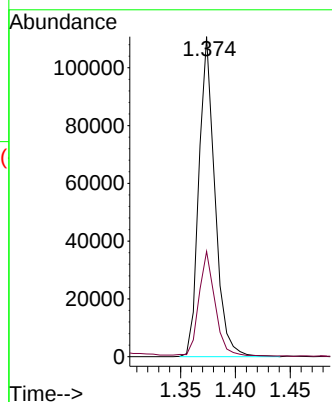
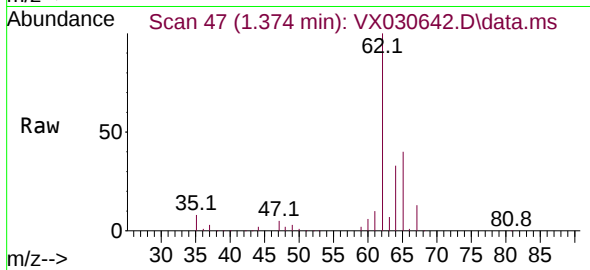
VSTD050785

Tgt Ion: 62 Resp: 112610

Ion Ratio Lower Upper

62 100

64 32.9 23.8 44.2



#6

Bromomethane

Concen: 46.068 ug/L

RT: 1.611 min Scan# 86

Delta R.T. 0.000 min

Lab File: VX030642.D

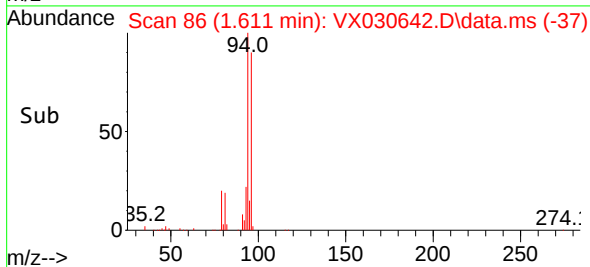
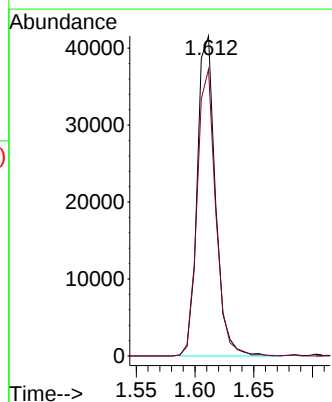
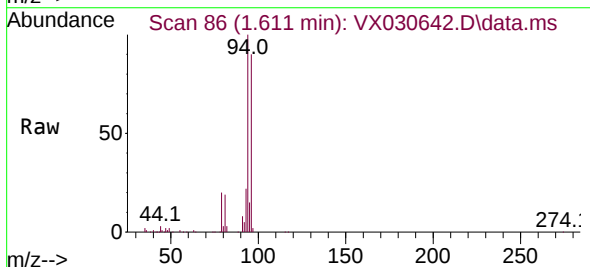
Acq: 16 Aug 2022 09:27

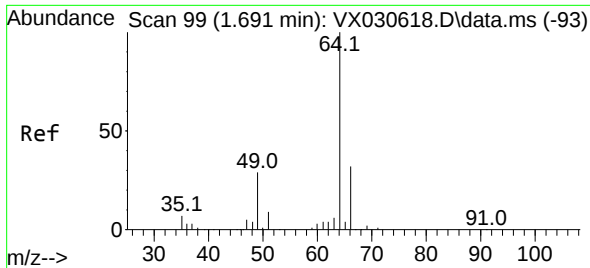
Tgt Ion: 94 Resp: 44744

Ion Ratio Lower Upper

94 100

96 89.6 63.8 118.6

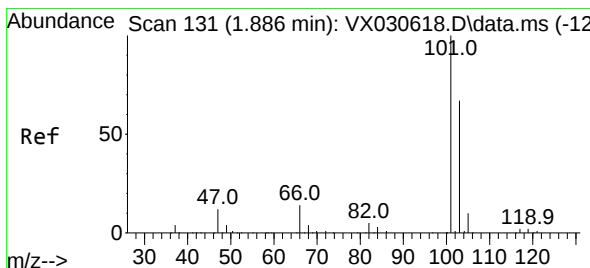
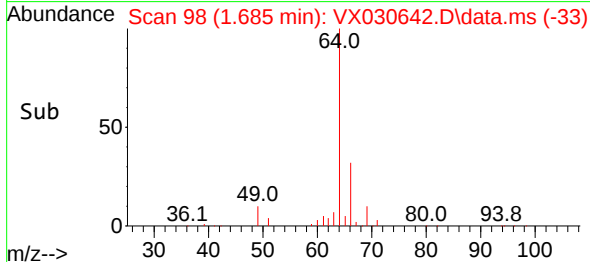
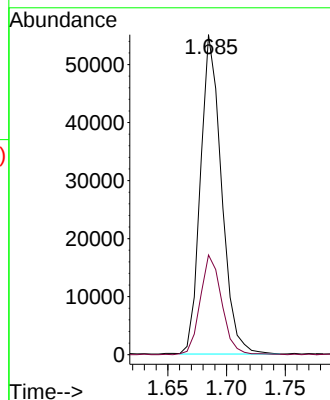
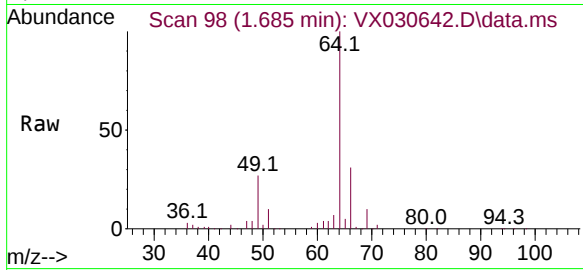




#8
Chloroethane
Concen: 58.248 ug/L
RT: 1.685 min Scan# 99
Delta R.T. -0.006 min
Lab File: VX030642.D
Acq: 16 Aug 2022 09:27

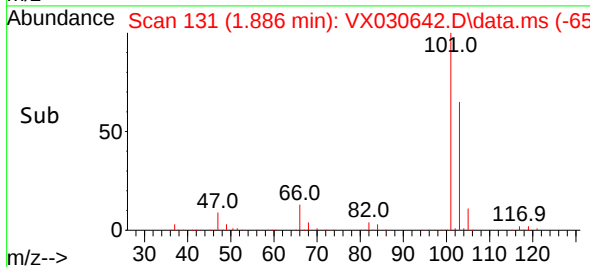
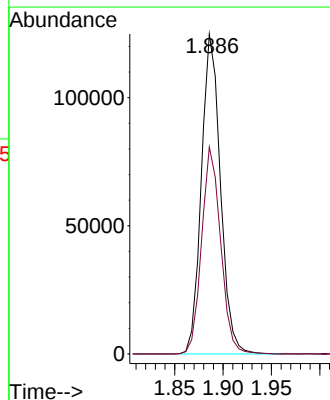
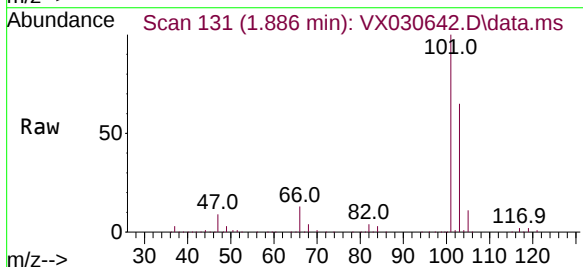
Instrument :
MSVOA_X
ClientSampleId :
VSTD050785

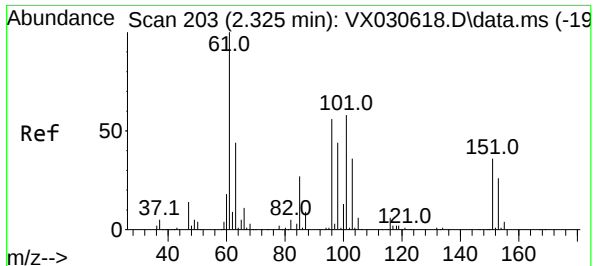
Tgt Ion: 64 Resp: 68575
Ion Ratio Lower Upper
64 100
66 31.1 22.1 41.1



#9
Trichlorofluoromethane
Concen: 56.035 ug/L
RT: 1.886 min Scan# 131
Delta R.T. 0.000 min
Lab File: VX030642.D
Acq: 16 Aug 2022 09:27

Tgt Ion:101 Resp: 171166
Ion Ratio Lower Upper
101 100
103 64.6 51.5 77.3





#10

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

Concen: 62.645 ug/L

RT: 2.331 min Scan# 203

Delta R.T. 0.006 min

Lab File: VX030642.D

Acq: 16 Aug 2022 09:27

Instrument :

MSVOA_X

ClientSampleId :

VSTD050785

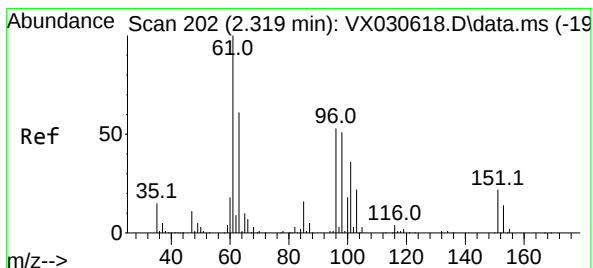
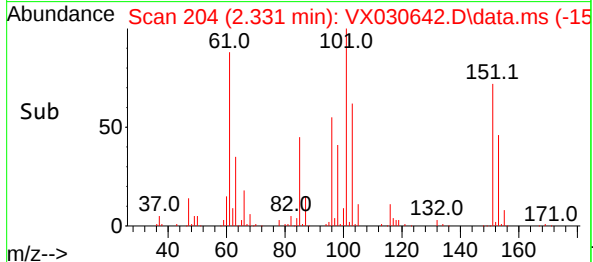
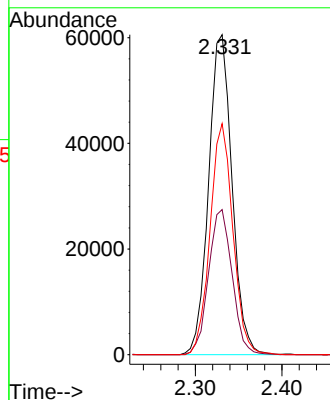
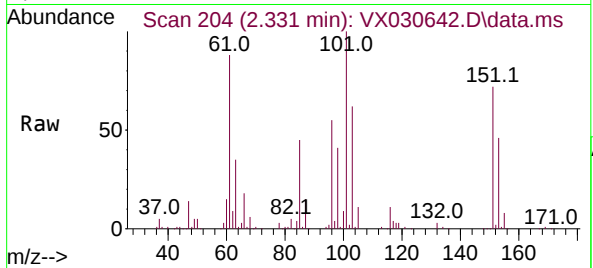
Tgt Ion:101 Resp: 113816

Ion Ratio Lower Upper

101 100

85 45.6 35.3 52.9

151 70.5 58.3 87.5



#12

1,1-Dichloroethene

Concen: 60.854 ug/L

RT: 2.319 min Scan# 202

Delta R.T. 0.000 min

Lab File: VX030642.D

Acq: 16 Aug 2022 09:27

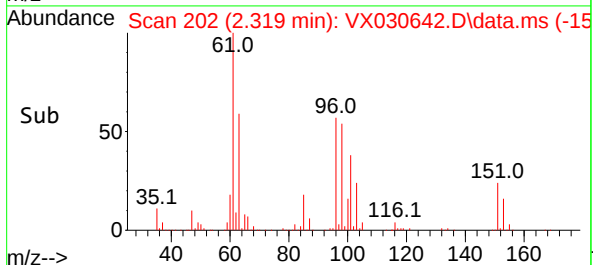
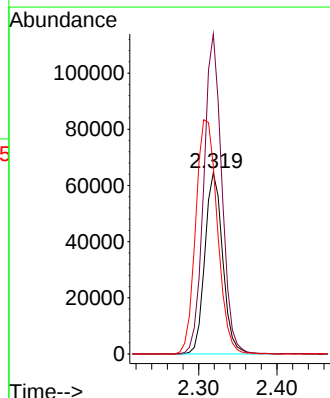
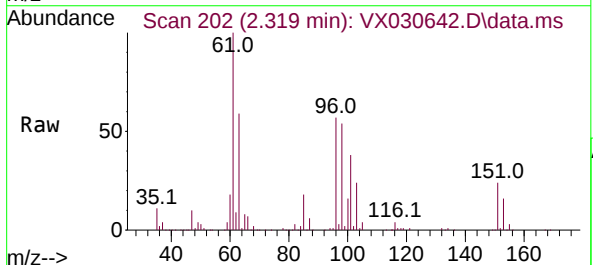
Tgt Ion: 96 Resp: 101859

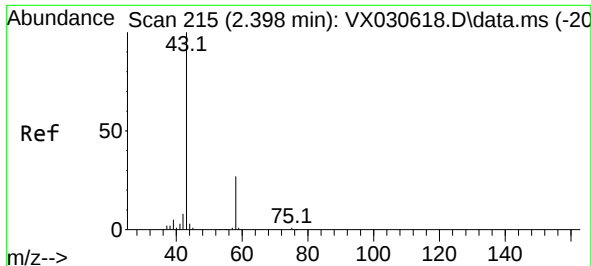
Ion Ratio Lower Upper

96 100

61 176.5 130.2 241.8

63 103.7 113.5 210.9#

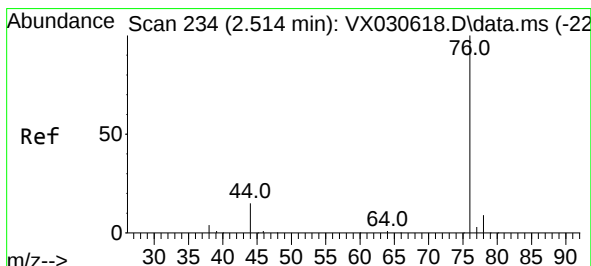
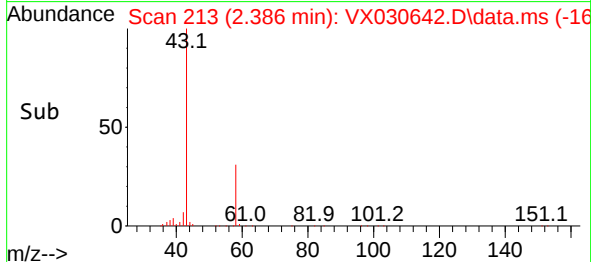
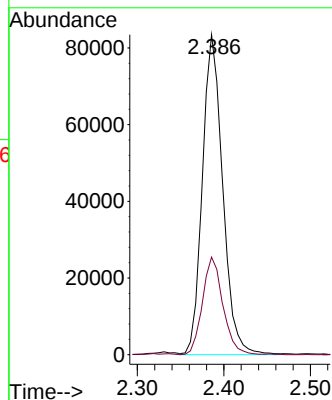
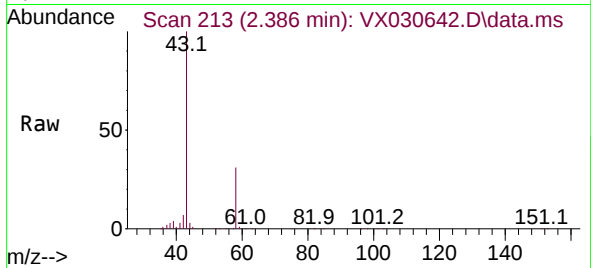




#13
Acetone
Concen: 104.400 ug/L
RT: 2.386 min Scan# 215
Delta R.T. -0.012 min
Lab File: VX030642.D
Acq: 16 Aug 2022 09:27

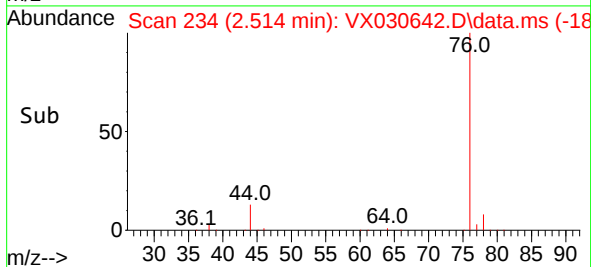
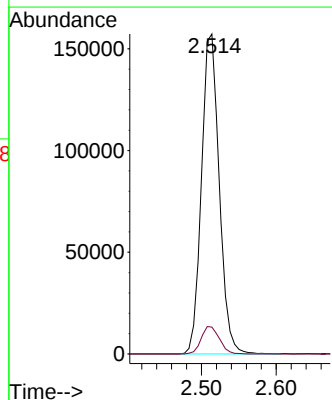
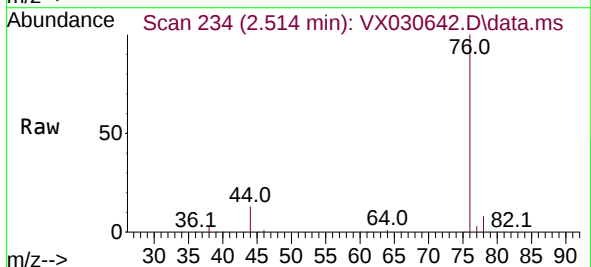
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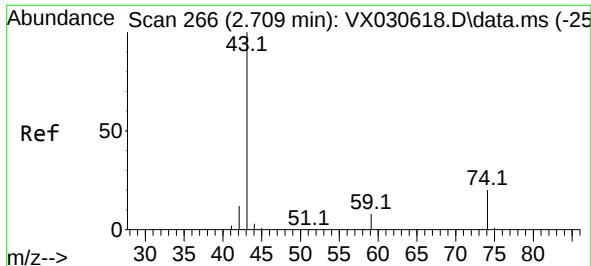
Tgt Ion: 43 Resp: 136151
Ion Ratio Lower Upper
43 100
58 30.7 0.0 57.8



#14
Carbon disulfide
Concen: 47.782 ug/L
RT: 2.514 min Scan# 234
Delta R.T. 0.000 min
Lab File: VX030642.D
Acq: 16 Aug 2022 09:27

Tgt Ion: 76 Resp: 259225
Ion Ratio Lower Upper
76 100
78 8.4 7.4 11.2

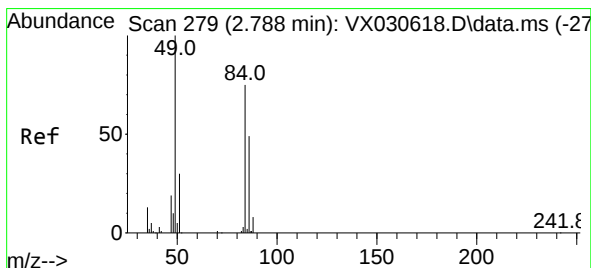
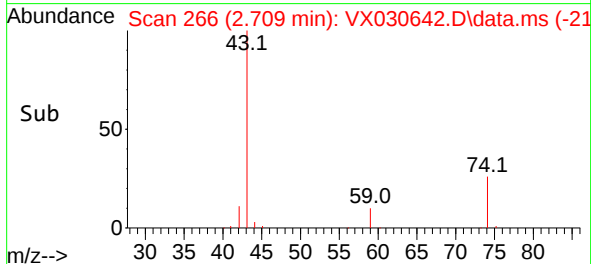
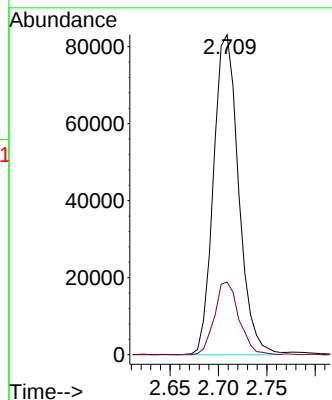
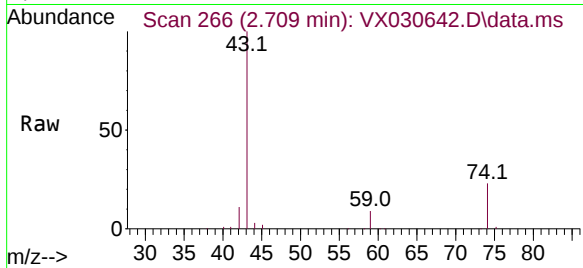




#15
Methyl Acetate
Concen: 55.540 ug/L
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX030642.D
Acq: 16 Aug 2022 09:27

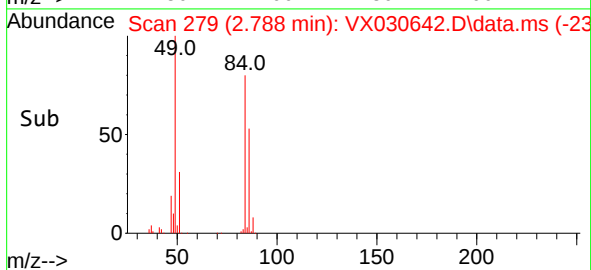
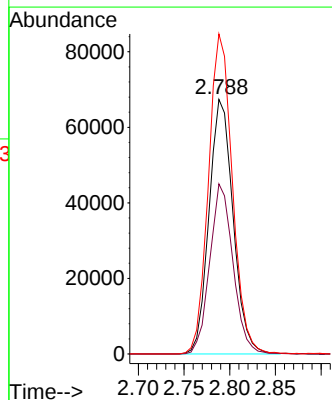
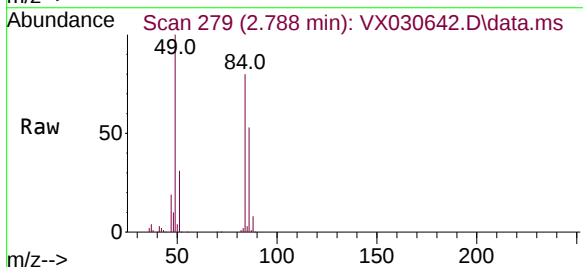
Instrument :
MSVOA_X
ClientSampleId :
VSTD050785

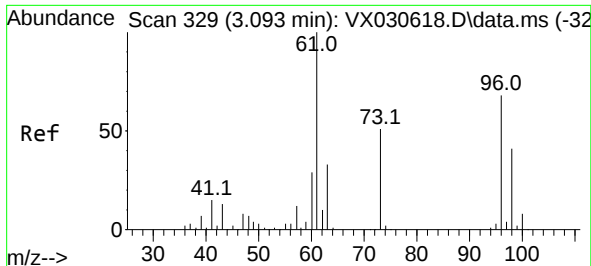
Tgt Ion: 43 Resp: 149923
Ion Ratio Lower Upper
43 100
74 22.1 17.2 25.8



#16
Methylene chloride
Concen: 58.244 ug/L
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX030642.D
Acq: 16 Aug 2022 09:27

Tgt Ion: 84 Resp: 123620
Ion Ratio Lower Upper
84 100
86 66.8 44.2 82.2
49 125.7 89.0 165.2

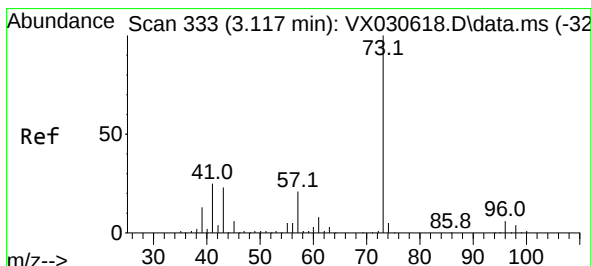
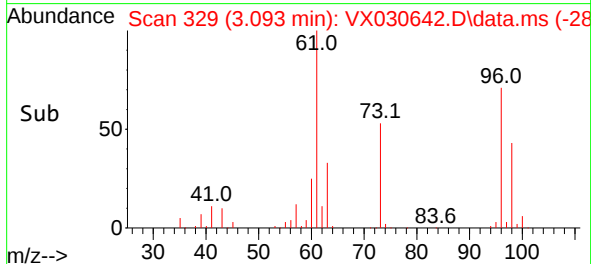
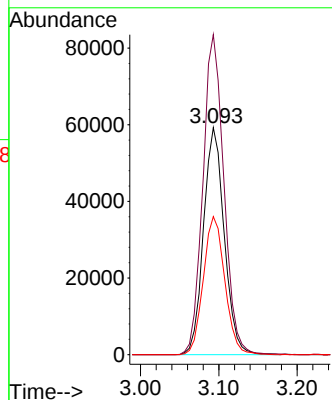
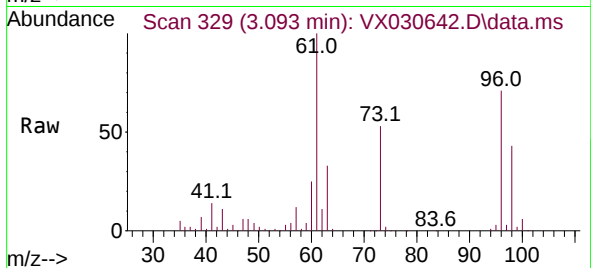




#17
trans-1,2-Dichloroethene
Concen: 56.202 ug/L
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX030642.D
Acq: 16 Aug 2022 09:27

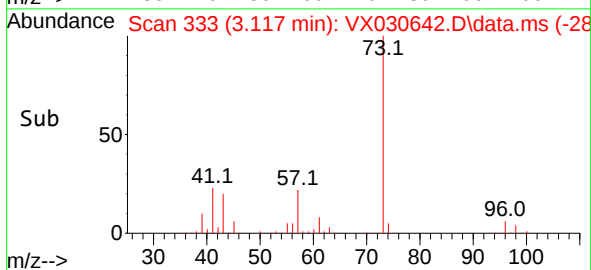
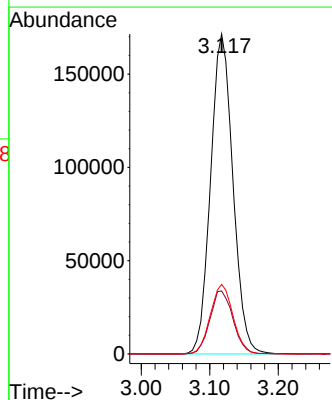
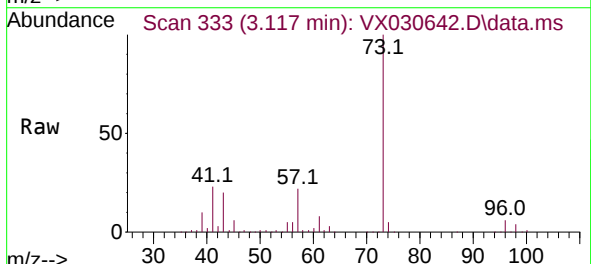
Instrument :
MSVOA_X
ClientSampleId :
VSTD050785

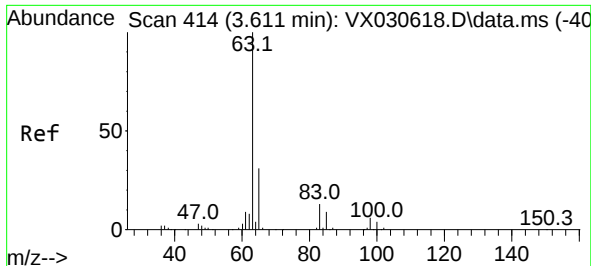
Tgt Ion: 96 Resp: 108985
Ion Ratio Lower Upper
96 100
61 140.9 103.7 192.5
98 60.8 41.5 77.1



#18
Methyl tert-butyl Ether
Concen: 58.893 ug/L
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX030642.D
Acq: 16 Aug 2022 09:27

Tgt Ion: 73 Resp: 388374
Ion Ratio Lower Upper
73 100
43 20.3 17.6 26.4
57 22.2 17.5 26.3





#19

1,1-Dichloroethane

Concen: 59.002 ug/L

RT: 3.611 min Scan# 414

Delta R.T. 0.000 min

Lab File: VX030642.D

Acq: 16 Aug 2022 09:27

Instrument :

MSVOA_X

ClientSampleId :

VSTD050785

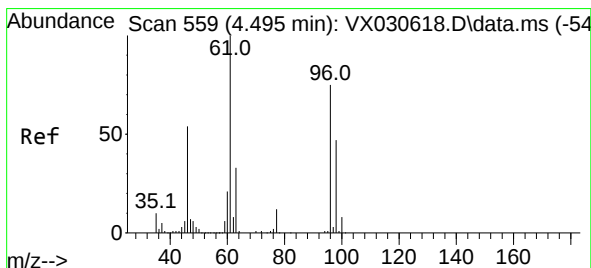
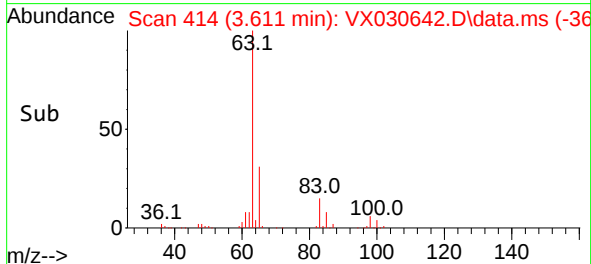
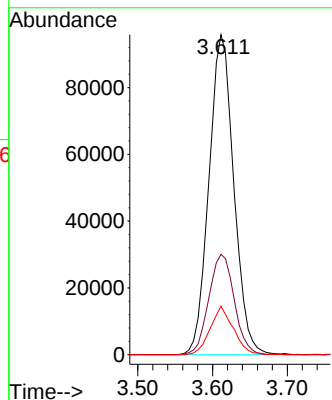
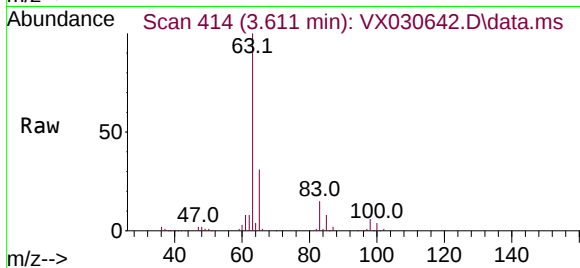
Tgt Ion: 63 Resp: 221295

Ion Ratio Lower Upper

63 100

65 31.4 22.0 40.8

83 15.1 9.9 18.3



#20

cis-1,2-Dichloroethene

Concen: 57.827 ug/L

RT: 4.489 min Scan# 558

Delta R.T. -0.006 min

Lab File: VX030642.D

Acq: 16 Aug 2022 09:27

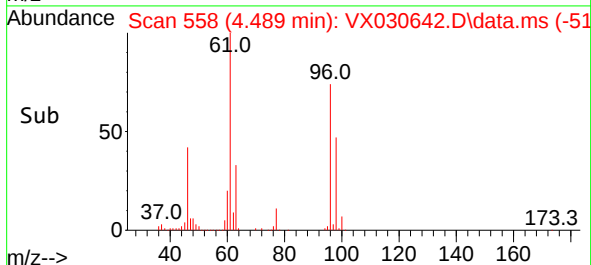
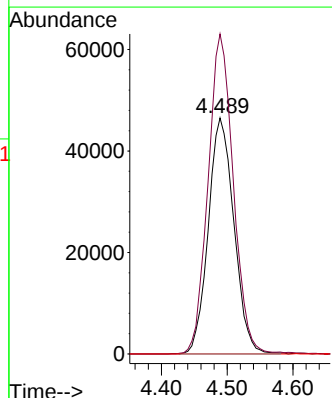
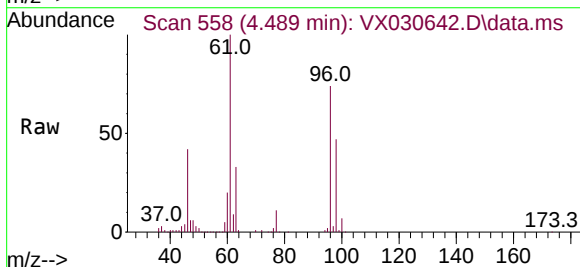
Tgt Ion: 96 Resp: 126143

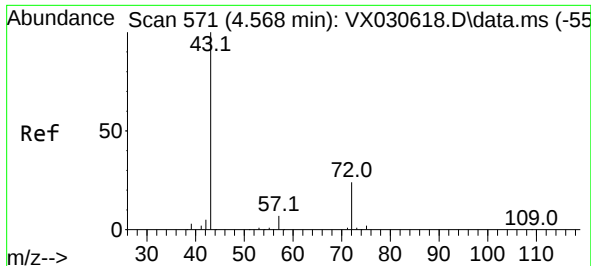
Ion Ratio Lower Upper

96 100

61 135.6 94.0 174.6

68 0.0 0.0 0.0

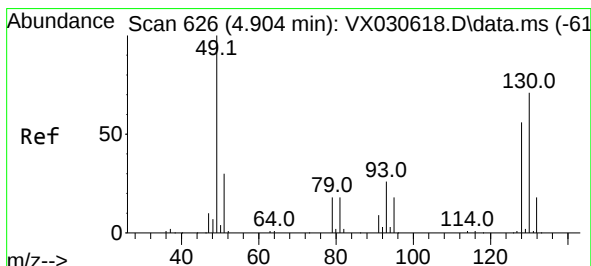
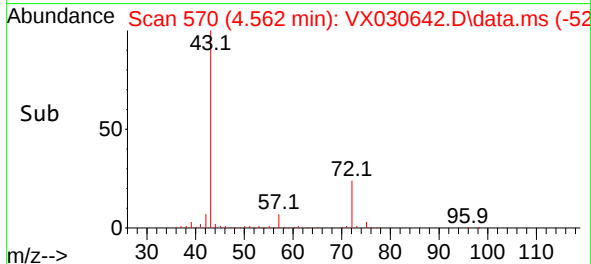
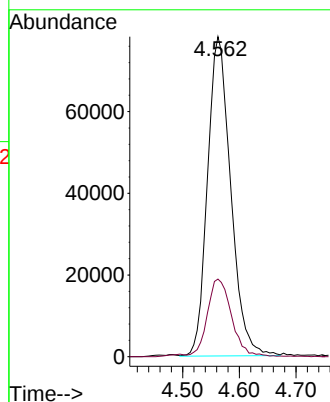
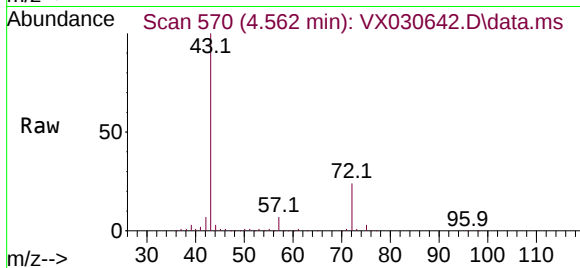




#22
2-Butanone
Concen: 108.070 ug/L
RT: 4.562 min Scan# 51
Delta R.T. -0.006 min
Lab File: VX030642.D
Acq: 16 Aug 2022 09:27

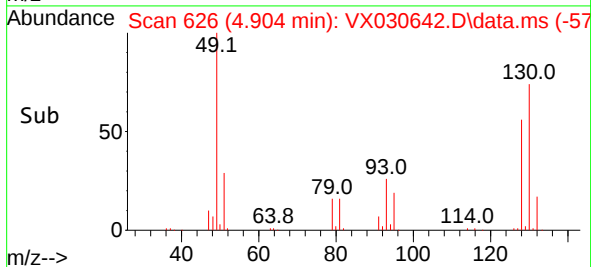
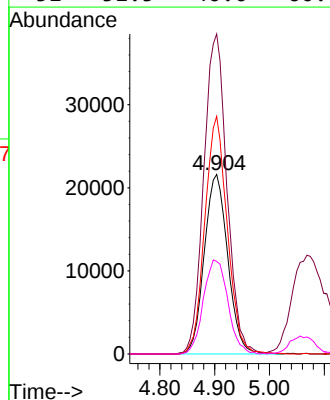
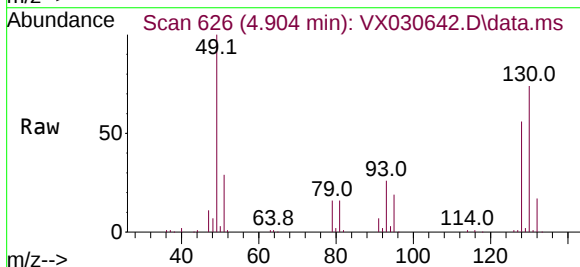
Instrument :
MSVOA_X
ClientSampleId :
VSTD050785

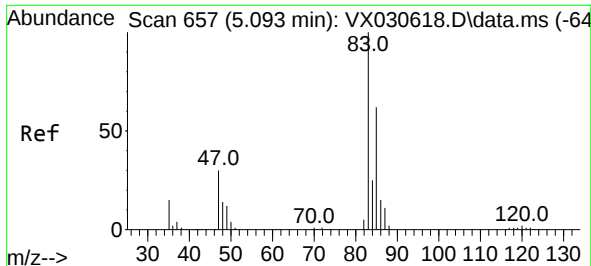
Tgt Ion: 43 Resp: 222332
Ion Ratio Lower Upper
43 100
72 25.3 11.7 35.1



#23
Bromochloromethane
Concen: 58.564 ug/L
RT: 4.904 min Scan# 626
Delta R.T. 0.000 min
Lab File: VX030642.D
Acq: 16 Aug 2022 09:27

Tgt Ion: 128 Resp: 64065
Ion Ratio Lower Upper
128 100
49 178.3 116.8 216.8
130 132.4 90.3 167.7
51 51.5 40.0 60.0





#25

Chloroform

Concen: 59.639 ug/L

RT: 5.093 min Scan# 61

Delta R.T. 0.000 min

Lab File: VX030642.D

Acq: 16 Aug 2022 09:27

Instrument :

MSVOA_X

ClientSampleId :

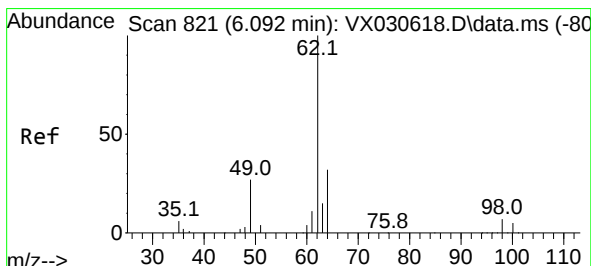
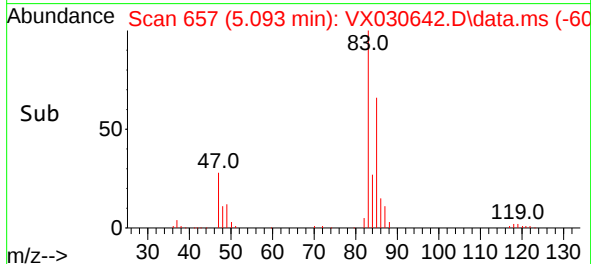
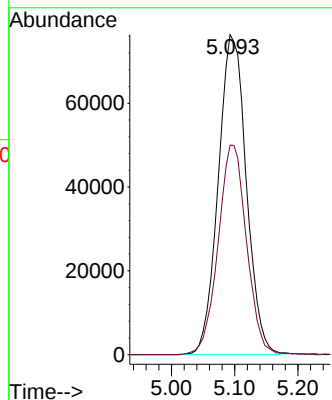
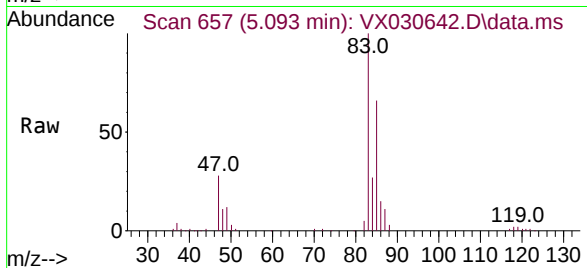
VSTD050785

Tgt Ion: 83 Resp: 235019

Ion Ratio Lower Upper

83 100

85 65.5 45.6 84.6



#27

1,2-Dichloroethane

Concen: 55.480 ug/L

RT: 6.092 min Scan# 821

Delta R.T. 0.000 min

Lab File: VX030642.D

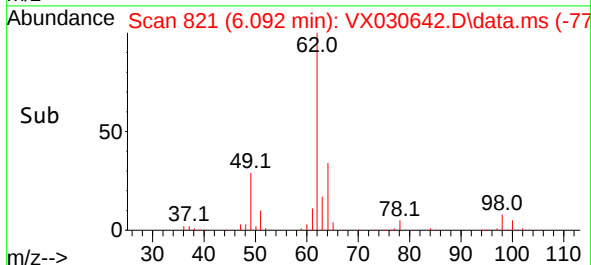
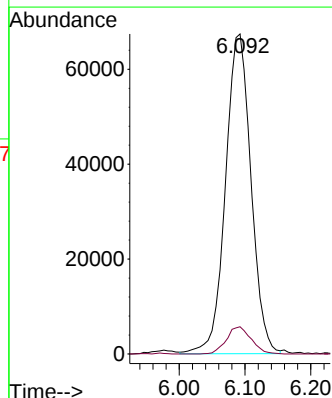
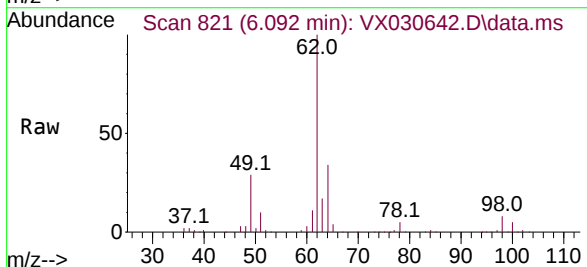
Acq: 16 Aug 2022 09:27

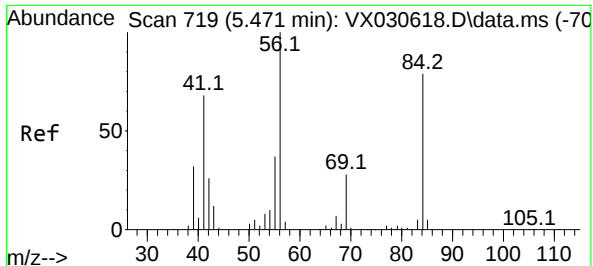
Tgt Ion: 62 Resp: 181966

Ion Ratio Lower Upper

62 100

98 8.5 7.0 10.6





#29

Cyclohexane

Concen: 53.006 ug/L

RT: 5.471 min Scan# 719

Delta R.T. 0.000 min

Lab File: VX030642.D

Acq: 16 Aug 2022 09:27

Instrument :

MSVOA_X

ClientSampleId :

VSTD050785

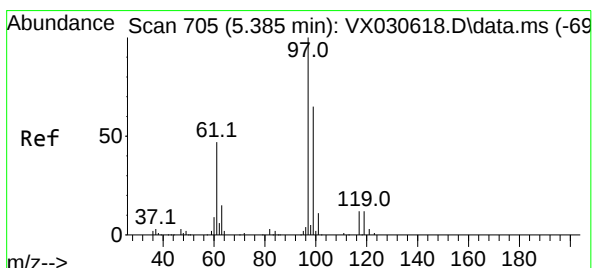
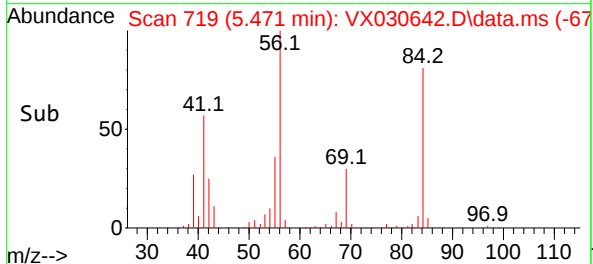
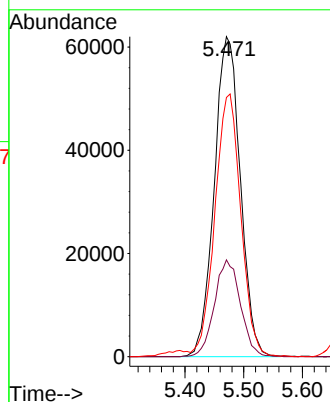
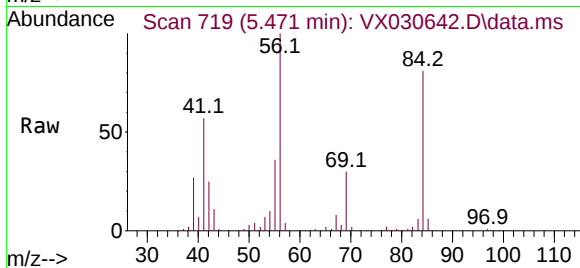
Tgt Ion: 56 Resp: 191266

Ion Ratio Lower Upper

56 100

69 30.0 24.3 36.5

84 81.6 66.7 100.1



#30

1,1,1-Trichloroethane

Concen: 55.034 ug/L

RT: 5.391 min Scan# 706

Delta R.T. 0.006 min

Lab File: VX030642.D

Acq: 16 Aug 2022 09:27

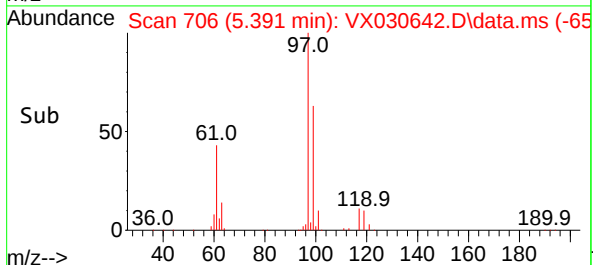
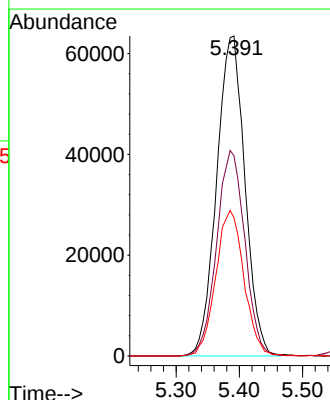
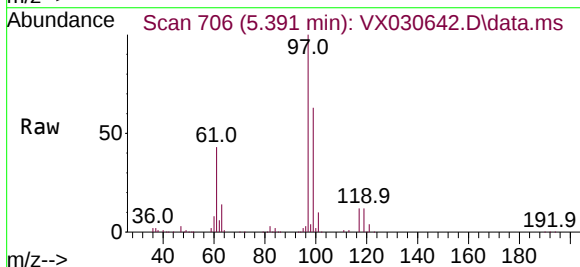
Tgt Ion: 97 Resp: 197037

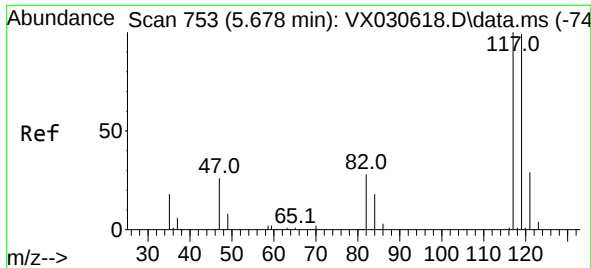
Ion Ratio Lower Upper

97 100

99 64.0 51.4 77.0

61 45.3 37.0 55.6

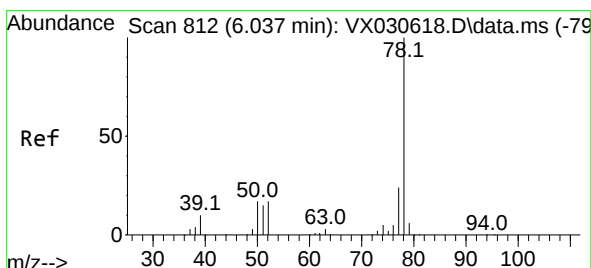
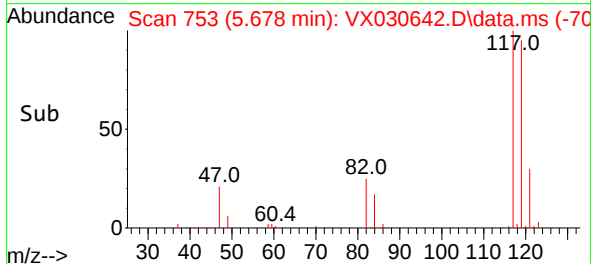
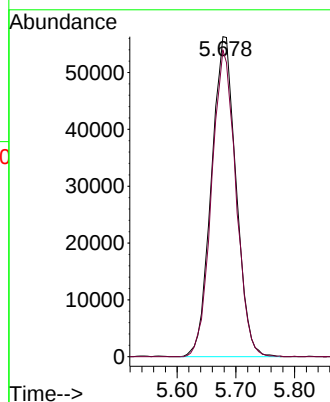
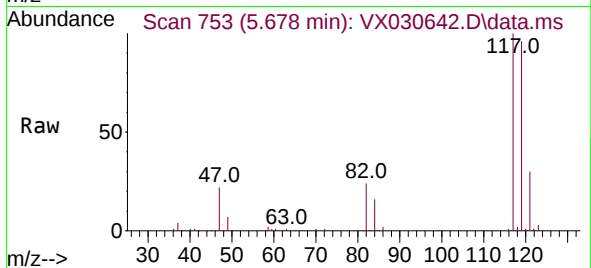




#31
Carbon tetrachloride
Concen: 55.506 ug/L
RT: 5.678 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX030642.D
Acq: 16 Aug 2022 09:27

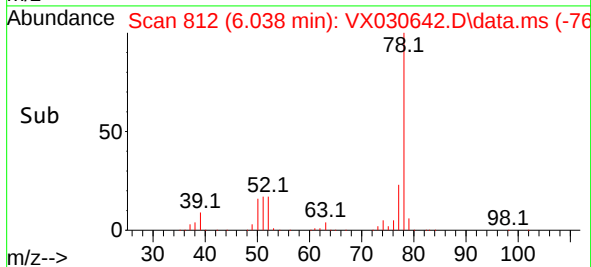
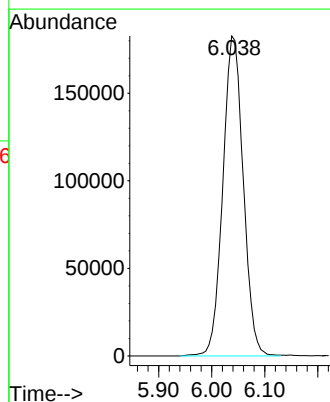
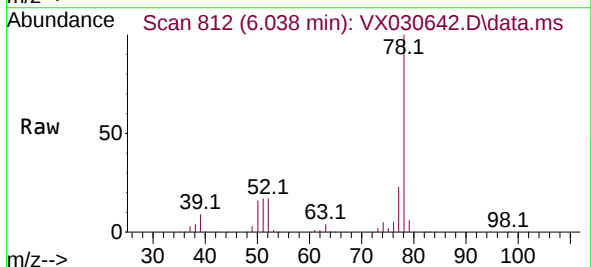
Instrument :
MSVOA_X
ClientSampleId :
VSTD050785

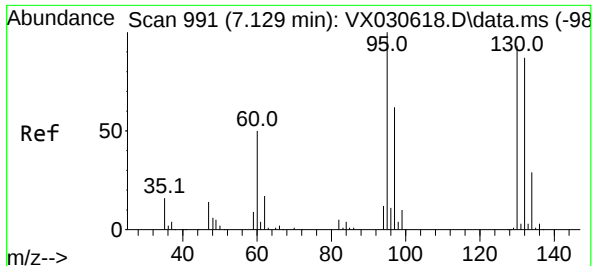
Tgt Ion:117 Resp: 164016
Ion Ratio Lower Upper
117 100
119 94.3 76.2 114.2



#33
Benzene
Concen: 56.245 ug/L
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX030642.D
Acq: 16 Aug 2022 09:27

Tgt Ion: 78 Resp: 489465



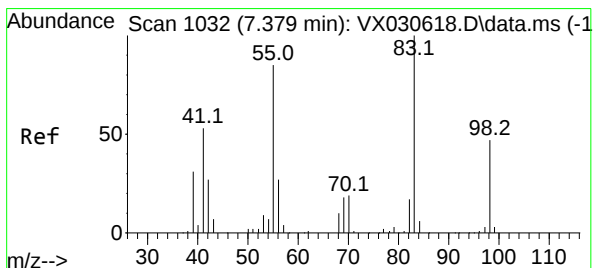
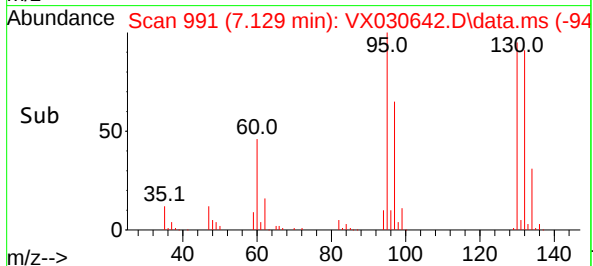
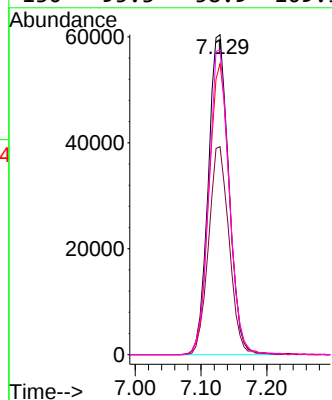
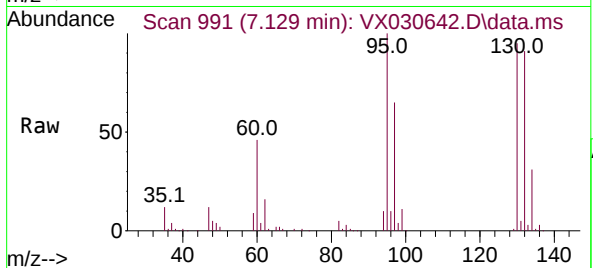


#34
Trichloroethene
Concen: 52.122 ug/L
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX030642.D
Acq: 16 Aug 2022 09:27

Instrument :
MSVOA_X
ClientSampleId :
VSTD050785

Tgt Ion: 95 Resp: 131371

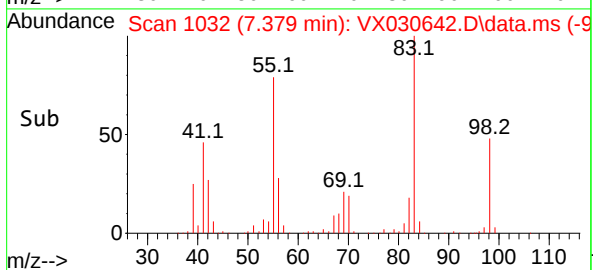
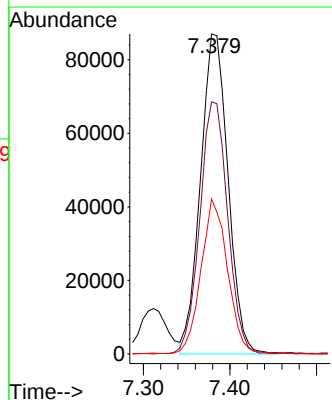
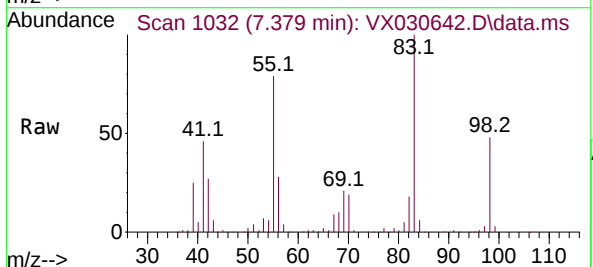
Ion	Ratio	Lower	Upper
95	100		
97	65.0	40.2	74.6
132	90.9	55.3	102.7
130	95.3	58.9	109.5

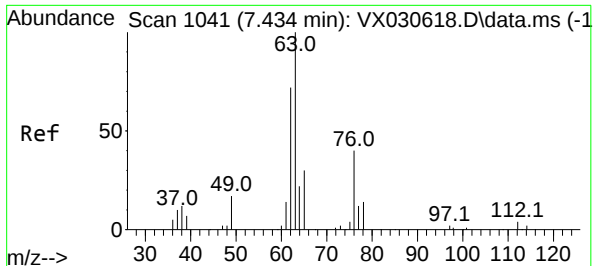


#35
Methylcyclohexane
Concen: 52.515 ug/L
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX030642.D
Acq: 16 Aug 2022 09:27

Tgt Ion: 83 Resp: 192689

Ion	Ratio	Lower	Upper
83	100		
55	79.2	64.0	96.0
98	46.5	36.7	55.1





#37

1,2-Dichloropropane

Concen: 58.501 ug/L

RT: 7.434 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VX030642.D

Acq: 16 Aug 2022 09:27

Instrument :

MSVOA_X

ClientSampleId :

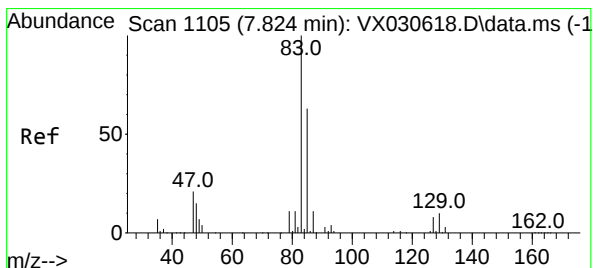
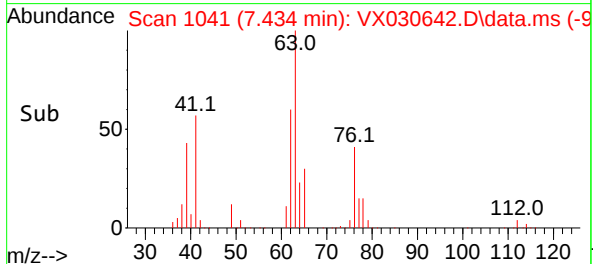
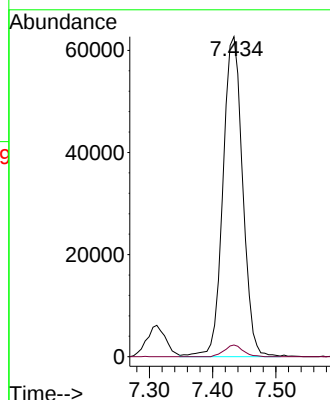
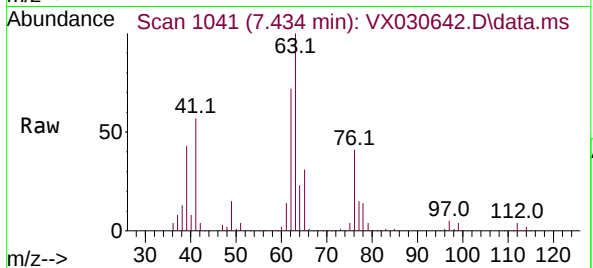
VSTD050785

Tgt Ion: 63 Resp: 135363

Ion Ratio Lower Upper

63 100

112 3.5 3.0 4.4



#38

Bromodichloromethane

Concen: 57.764 ug/L

RT: 7.824 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VX030642.D

Acq: 16 Aug 2022 09:27

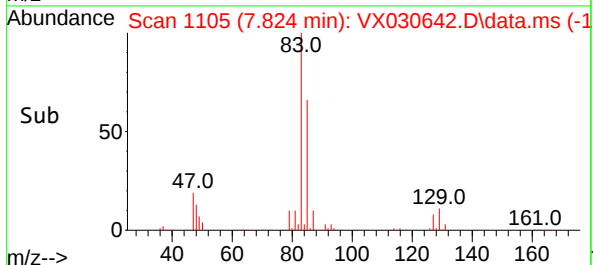
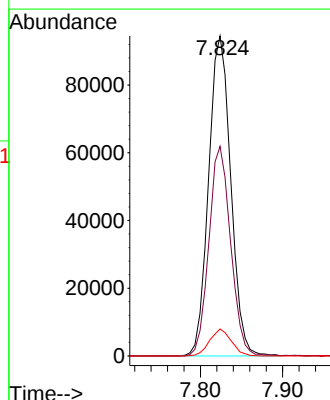
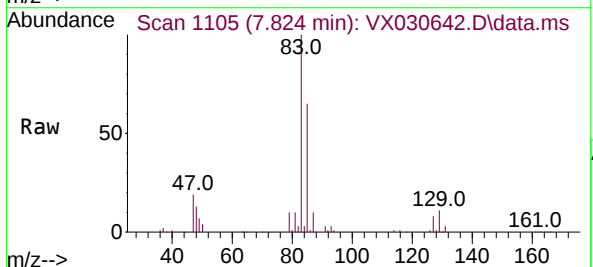
Tgt Ion: 83 Resp: 176894

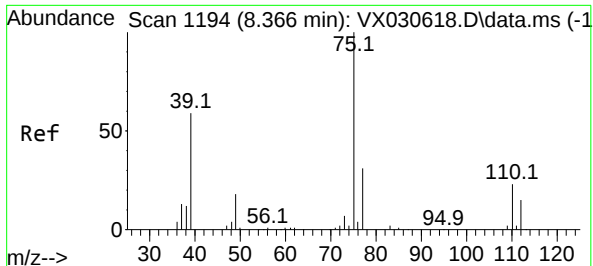
Ion Ratio Lower Upper

83 100

85 65.5 42.5 78.9

127 8.5 6.2 9.2





#39

cis-1,3-Dichloropropene

Concen: 57.234 ug/L

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX030642.D

Acq: 16 Aug 2022 09:27

Instrument :

MSVOA_X

ClientSampleId :

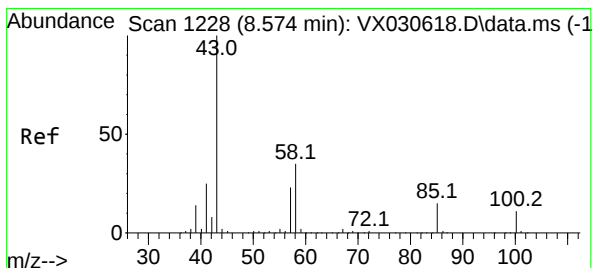
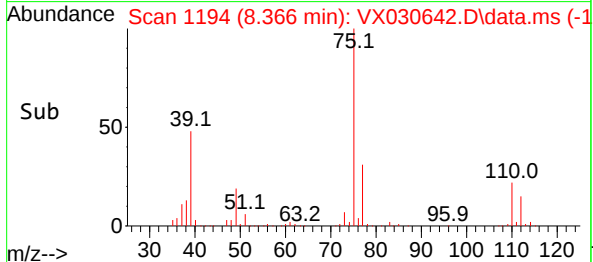
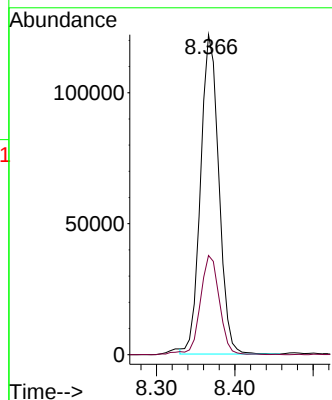
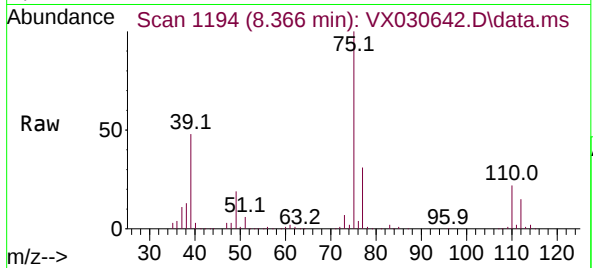
VSTD050785

Tgt Ion: 75 Resp: 197554

Ion Ratio Lower Upper

75 100

77 31.0 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 111.337 ug/L

RT: 8.574 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VX030642.D

Acq: 16 Aug 2022 09:27

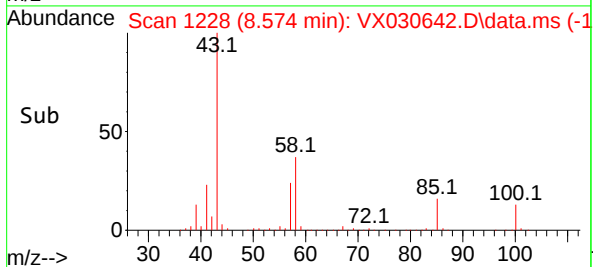
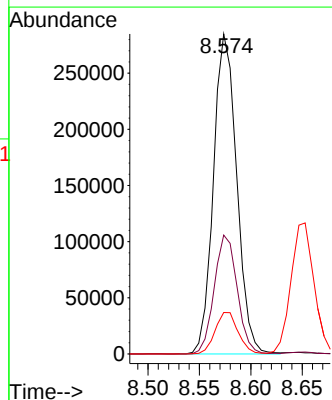
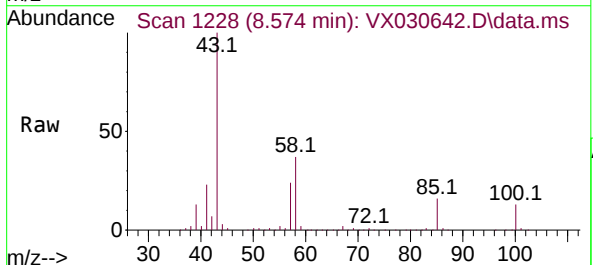
Tgt Ion: 43 Resp: 448624

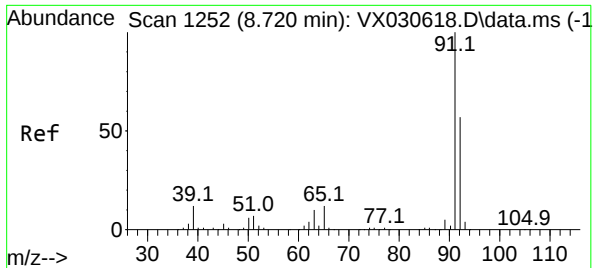
Ion Ratio Lower Upper

43 100

58 36.5 29.0 43.6

100 12.9 10.5 15.7





#42

Toluene

Concen: 56.607 ug/L

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX030642.D

Acq: 16 Aug 2022 09:27

Instrument :

MSVOA_X

ClientSampleId :

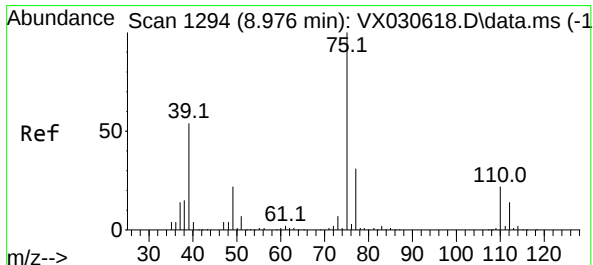
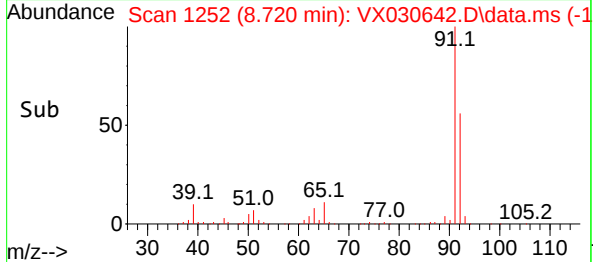
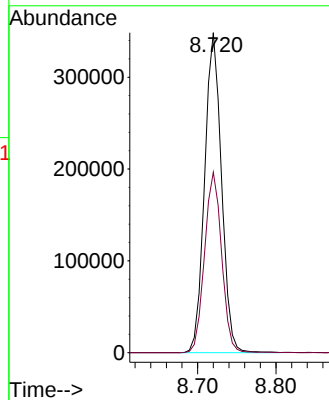
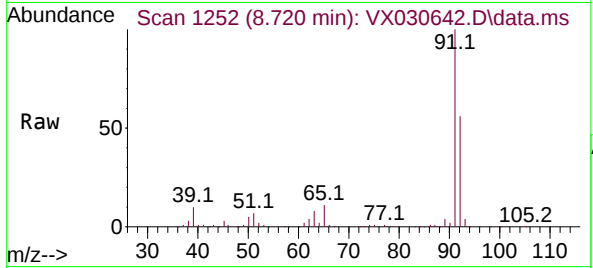
VSTD050785

Tgt Ion: 91 Resp: 520401

Ion Ratio Lower Upper

91 100

92 56.4 40.0 74.4



#44

trans-1,3-Dichloropropene

Concen: 58.642 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. 0.000 min

Lab File: VX030642.D

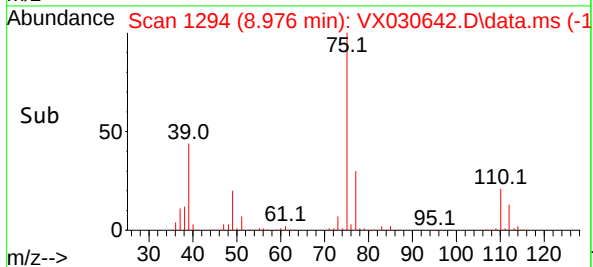
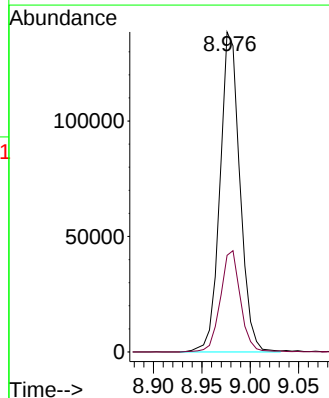
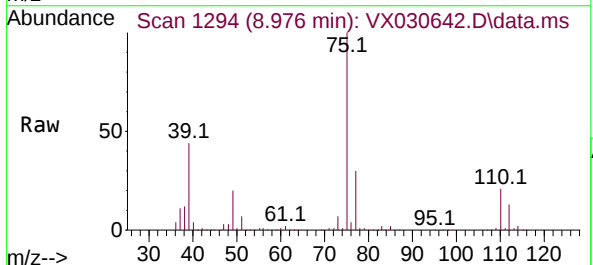
Acq: 16 Aug 2022 09:27

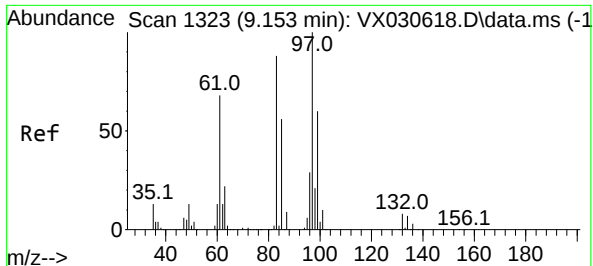
Tgt Ion: 75 Resp: 198113

Ion Ratio Lower Upper

75 100

77 30.2 22.5 41.7





#45

1,1,2-Trichloroethane

Concen: 58.762 ug/L

RT: 9.153 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX030642.D

Acq: 16 Aug 2022 09:27

Instrument :

MSVOA_X

ClientSampleId :

VSTD050785

Tgt Ion: 97 Resp: 126428

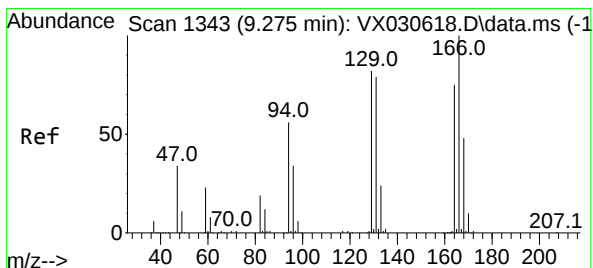
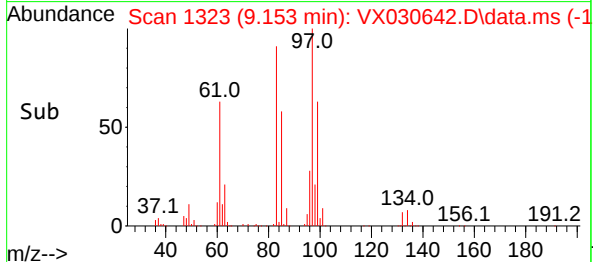
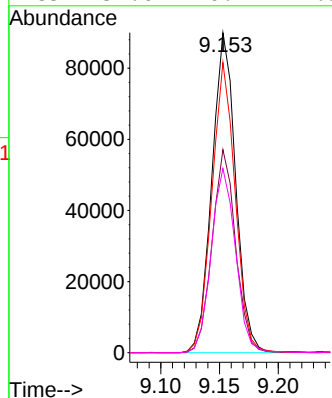
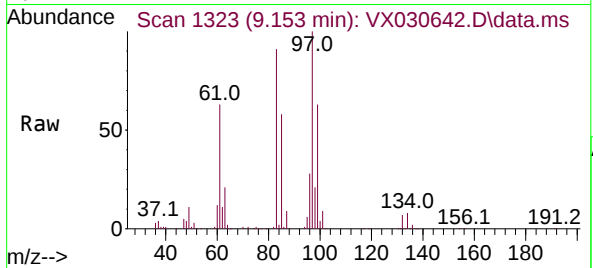
Ion Ratio Lower Upper

97 100

99 63.5 43.3 80.3

83 90.7 63.0 117.0

85 57.6 40.1 74.5



#46

Tetrachloroethene

Concen: 52.772 ug/L

RT: 9.275 min Scan# 1343

Delta R.T. 0.000 min

Lab File: VX030642.D

Acq: 16 Aug 2022 09:27

Tgt Ion: 164 Resp: 84061

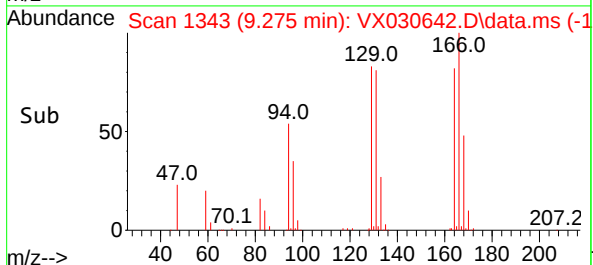
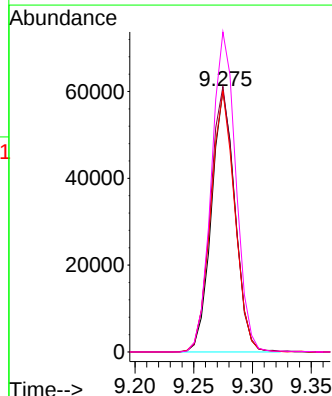
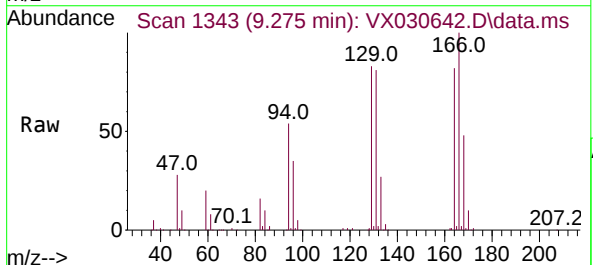
Ion Ratio Lower Upper

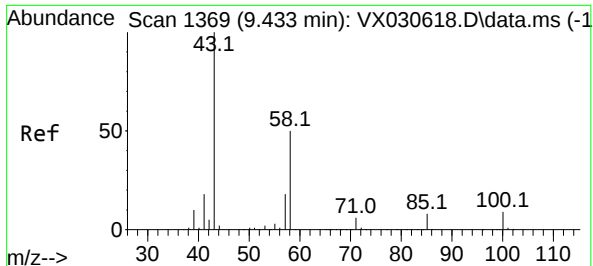
164 100

129 101.6 72.7 135.1

131 99.7 69.9 129.9

166 122.4 88.3 164.1

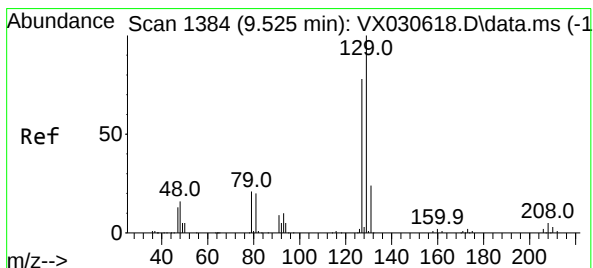
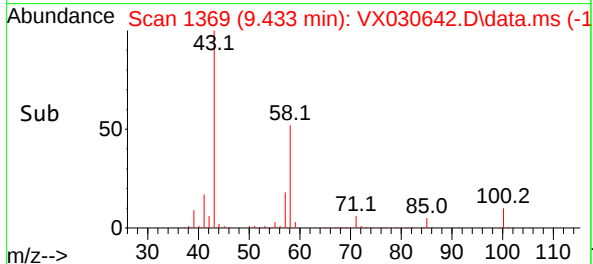
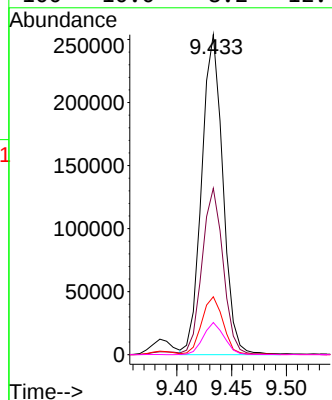
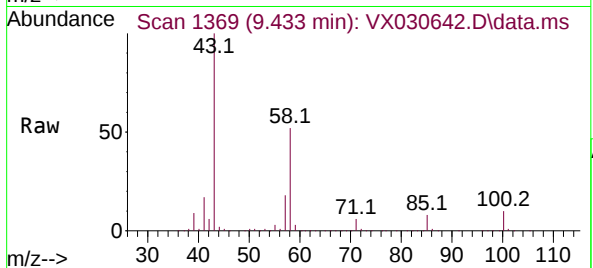




#48
2-Hexanone
Concen: 108.982 ug/L
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX030642.D
Acq: 16 Aug 2022 09:27

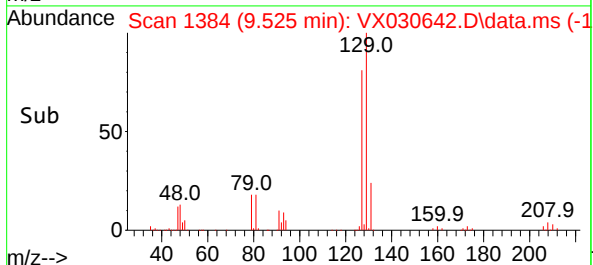
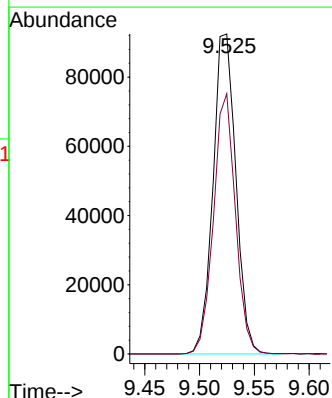
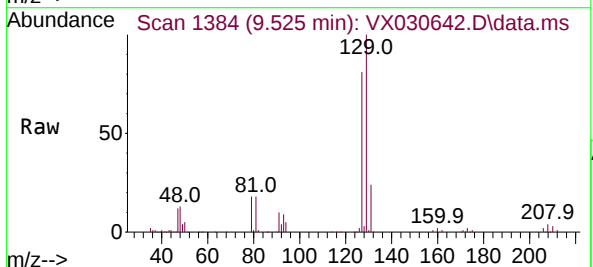
Instrument :
MSVOA_X
ClientSampleId :
VSTD050785

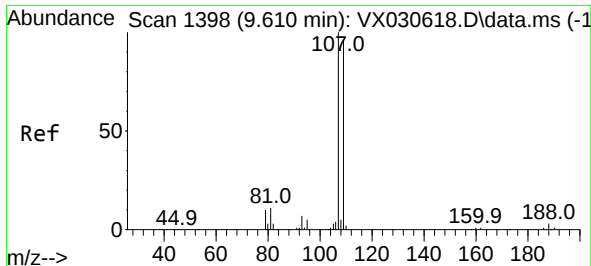
Tgt Ion:	43	Resp:	341197
Ion	Ratio	Lower	Upper
43	100		
58	51.3	40.4	60.6
57	18.4	14.6	22.0
100	10.0	8.2	12.4



#49
Dibromochloromethane
Concen: 58.796 ug/L
RT: 9.525 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VX030642.D
Acq: 16 Aug 2022 09:27

Tgt Ion:	129	Resp:	134582
Ion	Ratio	Lower	Upper
129	100		
127	81.3	55.6	103.2





#50

1,2-Dibromoethane

Concen: 55.685 ug/L

RT: 9.610 min Scan# 1398

Delta R.T. 0.000 min

Lab File: VX030642.D

Acq: 16 Aug 2022 09:27

Instrument :

MSVOA_X

ClientSampleId :

VSTD050785

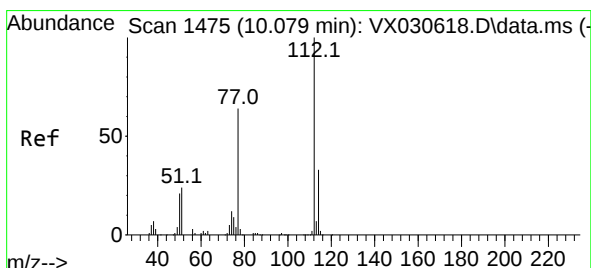
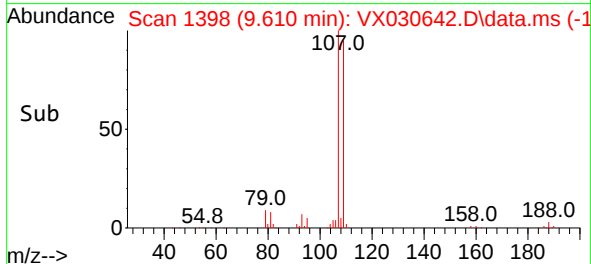
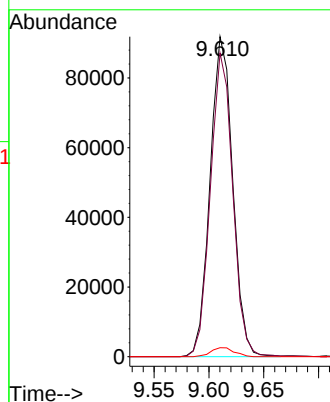
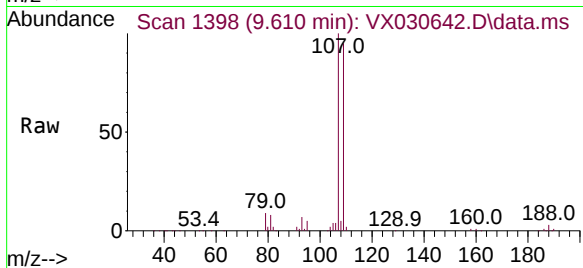
Tgt Ion:107 Resp: 131753

Ion Ratio Lower Upper

107 100

109 94.9 64.8 120.4

188 2.8 2.2 3.2



#51

Chlorobenzene

Concen: 57.606 ug/L

RT: 10.079 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VX030642.D

Acq: 16 Aug 2022 09:27

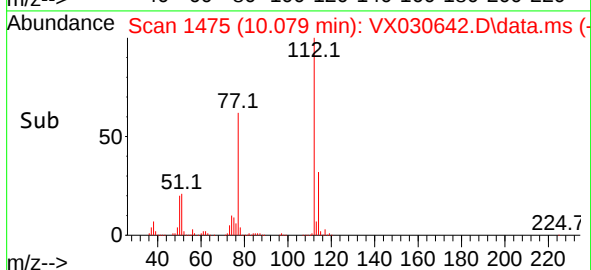
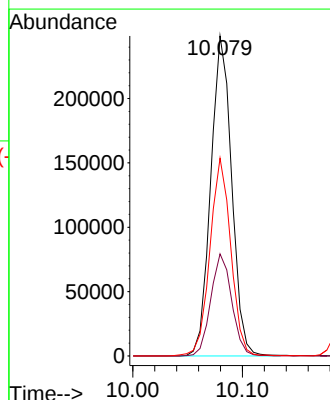
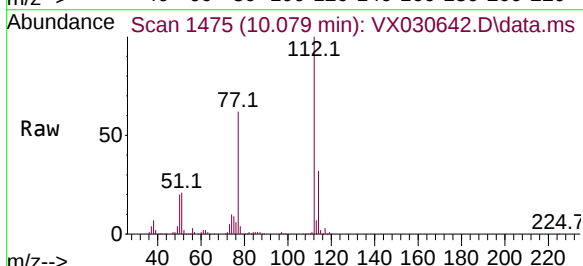
Tgt Ion:112 Resp: 329931

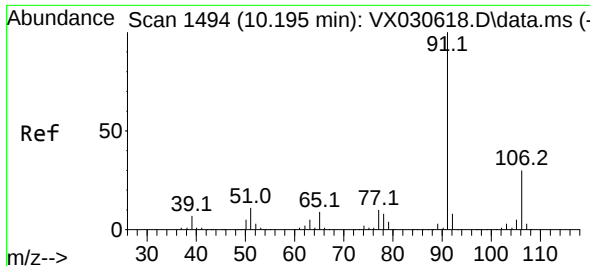
Ion Ratio Lower Upper

112 100

114 31.9 22.3 41.5

77 61.8 50.8 76.2





#52

Ethylbenzene

Concen: 57.169 ug/L

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX030642.D

Acq: 16 Aug 2022 09:27

Instrument :

MSVOA_X

ClientSampleId :

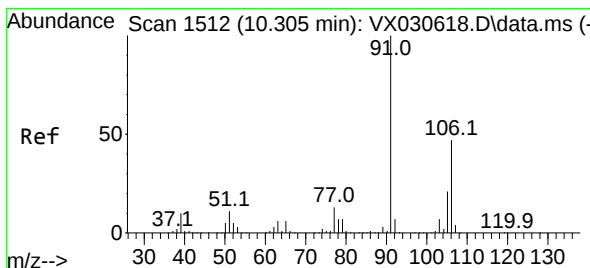
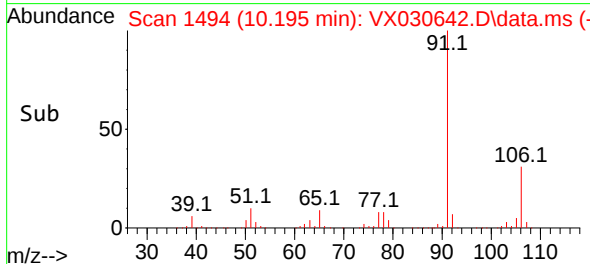
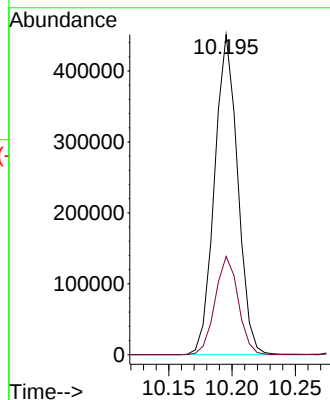
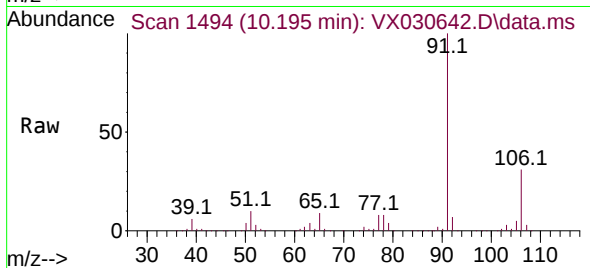
VSTD050785

Tgt Ion: 91 Resp: 573063

Ion Ratio Lower Upper

91 100

106 30.7 21.3 39.5



#53

m,p-Xylene

Concen: 57.225 ug/L

RT: 10.305 min Scan# 1512

Delta R.T. 0.000 min

Lab File: VX030642.D

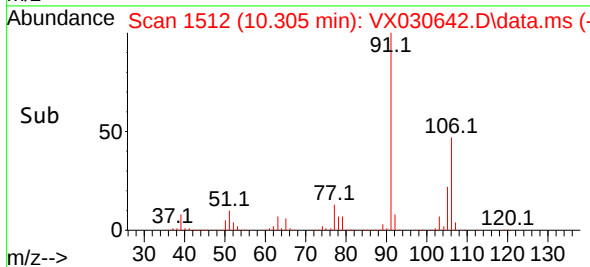
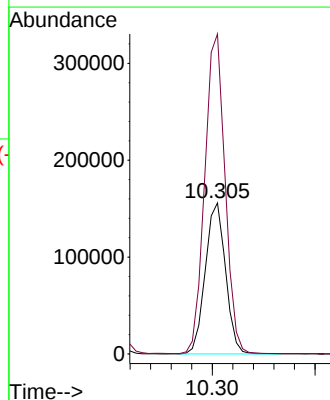
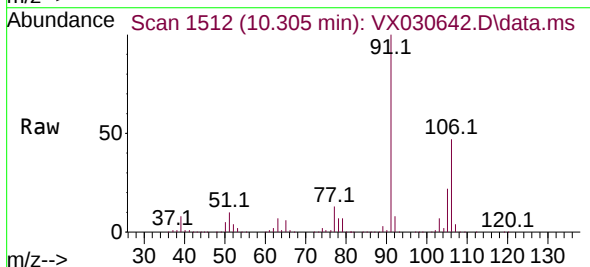
Acq: 16 Aug 2022 09:27

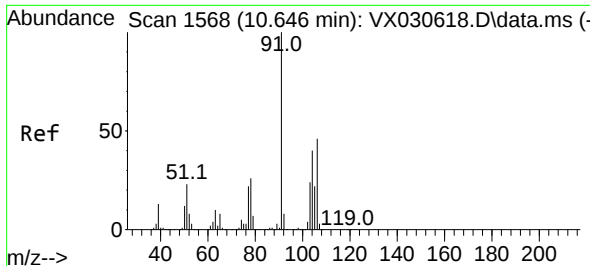
Tgt Ion: 106 Resp: 213802

Ion Ratio Lower Upper

106 100

91 212.0 147.8 274.6

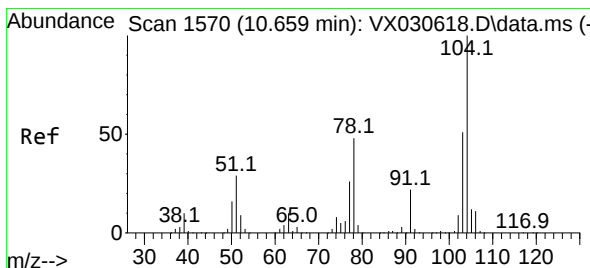
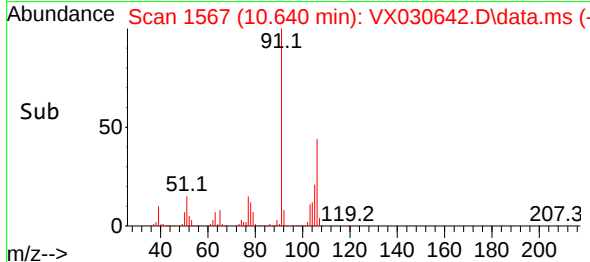
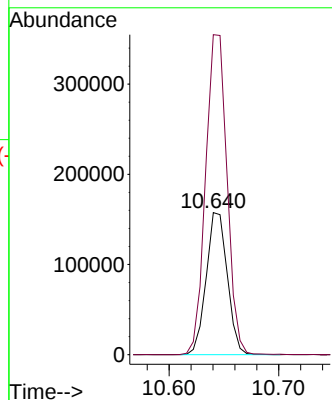
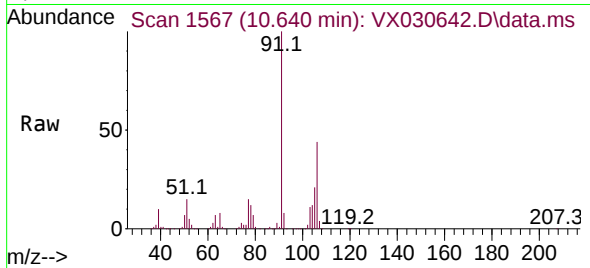




#54
o-Xylene
Concen: 56.690 ug/L
RT: 10.640 min Scan# 1567
Delta R.T. -0.006 min
Lab File: VX030642.D
Acq: 16 Aug 2022 09:27

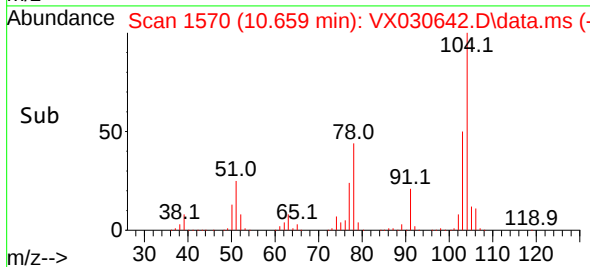
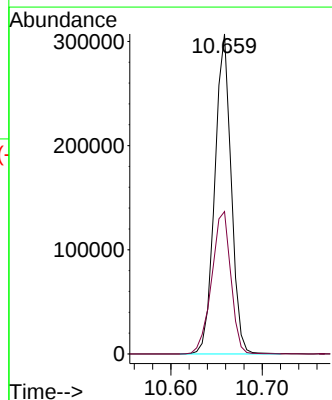
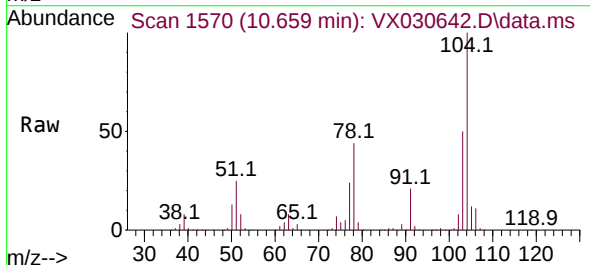
Instrument :
MSVOA_X
ClientSampleId :
VSTD050785

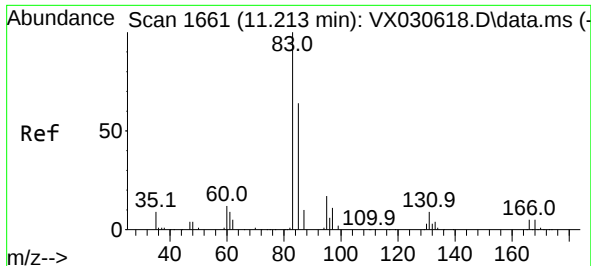
Tgt Ion:106 Resp: 211059
Ion Ratio Lower Upper
106 100
91 225.3 157.8 293.0



#55
Styrene
Concen: 61.135 ug/L
RT: 10.659 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VX030642.D
Acq: 16 Aug 2022 09:27

Tgt Ion:104 Resp: 383239
Ion Ratio Lower Upper
104 100
78 44.5 33.2 61.7

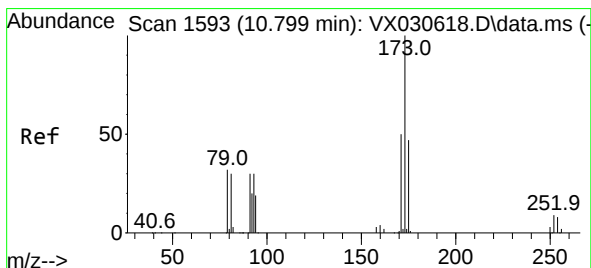
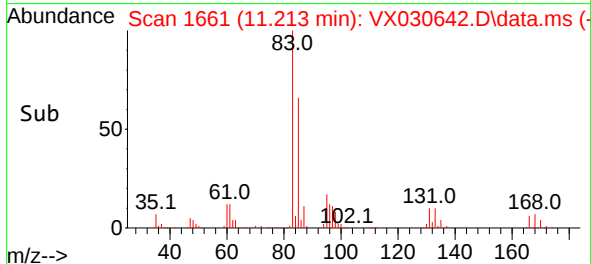
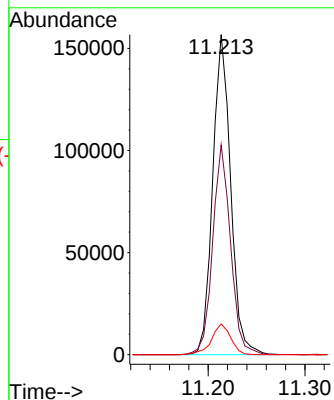
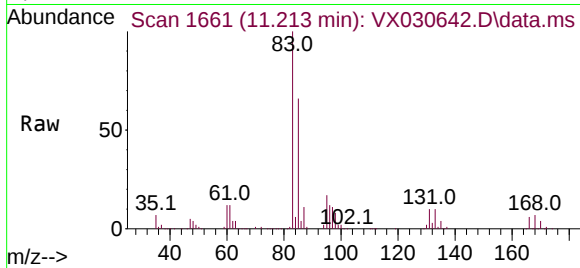




#57
 1,1,2,2-Tetrachloroethane
 Concen: 61.528 ug/L
 RT: 11.213 min Scan# 1661
 Delta R.T. 0.000 min
 Lab File: VX030642.D
 Acq: 16 Aug 2022 09:27

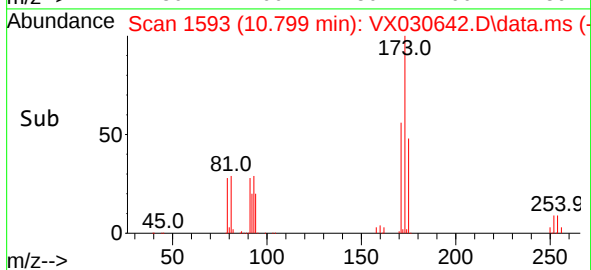
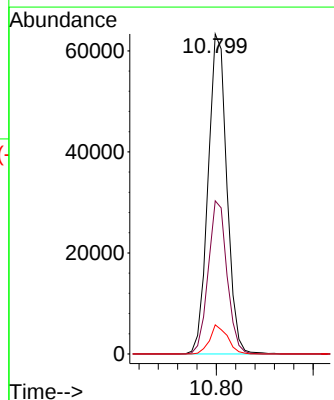
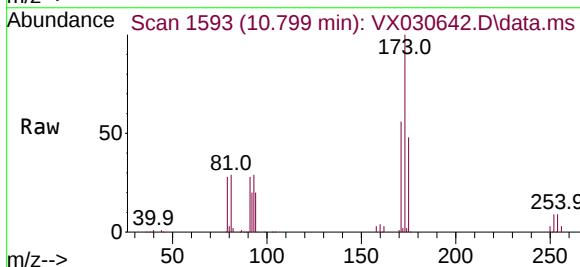
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050785

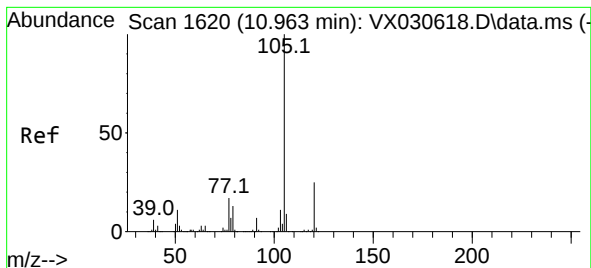
Tgt Ion: 83 Resp: 201427
 Ion Ratio Lower Upper
 83 100
 85 65.5 44.4 82.4
 131 9.6 7.5 11.3



#59
 Bromoform
 Concen: 55.760 ug/L
 RT: 10.799 min Scan# 1593
 Delta R.T. 0.000 min
 Lab File: VX030642.D
 Acq: 16 Aug 2022 09:27

Tgt Ion: 173 Resp: 85440
 Ion Ratio Lower Upper
 173 100
 175 47.8 38.9 58.3
 254 8.6 7.0 10.4





#60

Isopropylbenzene

Concen: 56.567 ug/L

RT: 10.963 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX030642.D

Acq: 16 Aug 2022 09:27

Instrument :

MSVOA_X

ClientSampleId :

VSTD050785

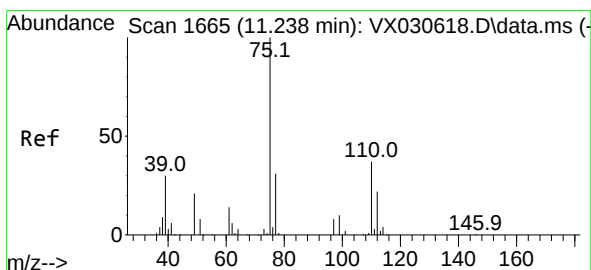
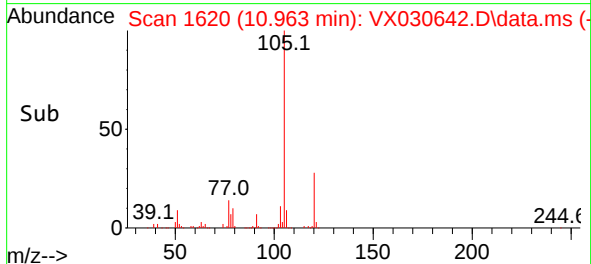
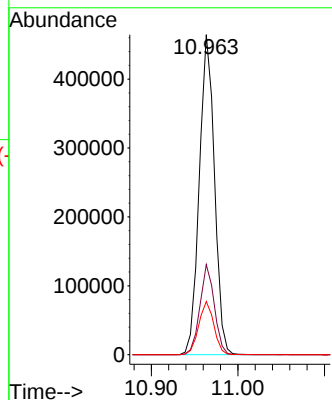
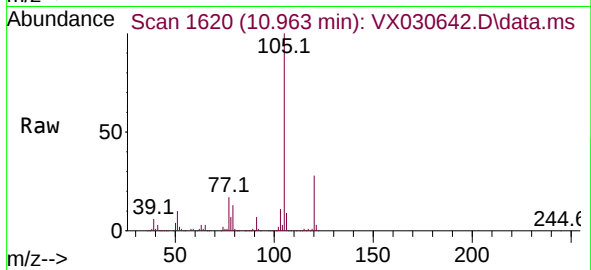
Tgt Ion:105 Resp: 564190

Ion Ratio Lower Upper

105 100

120 26.8 20.6 31.0

77 16.6 13.5 20.3



#61

1,2,3-Trichloropropane

Concen: 57.159 ug/L

RT: 11.238 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX030642.D

Acq: 16 Aug 2022 09:27

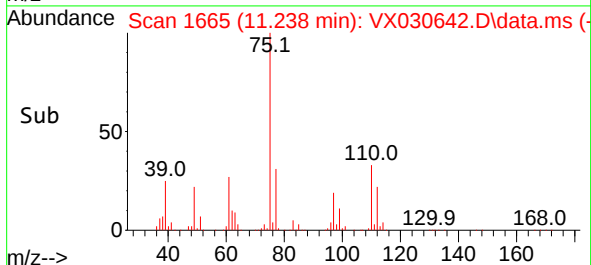
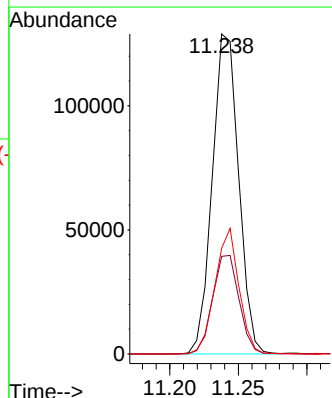
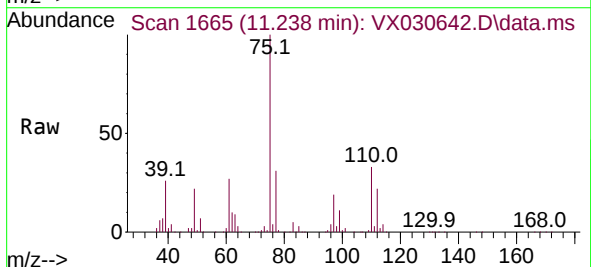
Tgt Ion: 75 Resp: 172724

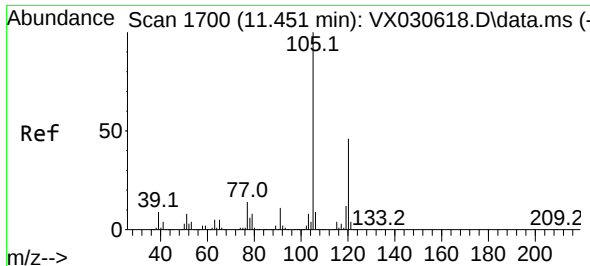
Ion Ratio Lower Upper

75 100

77 31.0 26.1 39.1

110 35.4 30.5 45.7

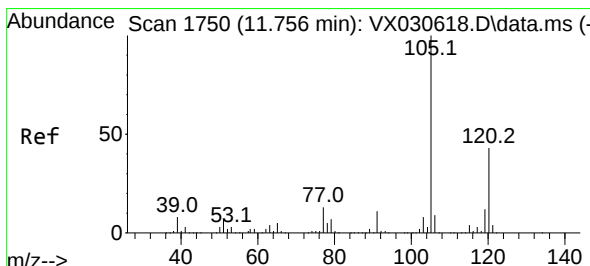
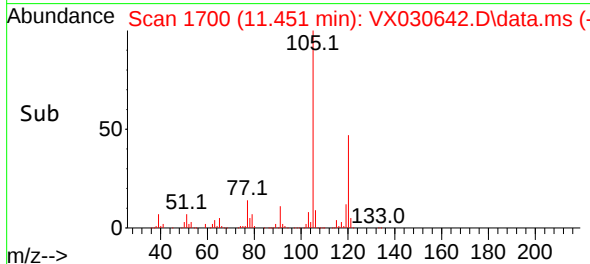
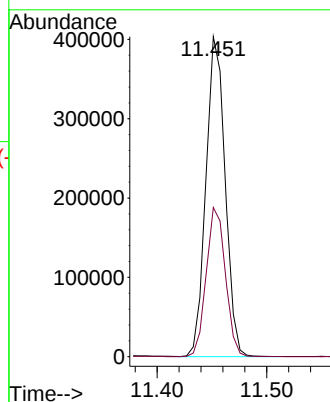
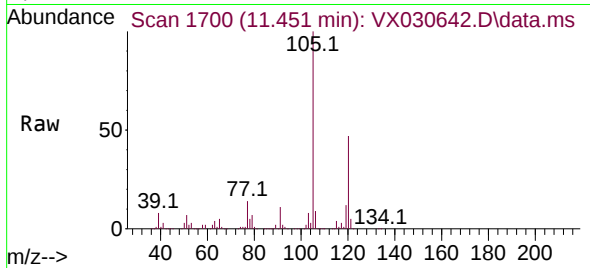




#62
 1,3,5-Trimethylbenzene
 Concen: 57.601 ug/L
 RT: 11.451 min Scan# 1700
 Delta R.T. 0.000 min
 Lab File: VX030642.D
 Acq: 16 Aug 2022 09:27

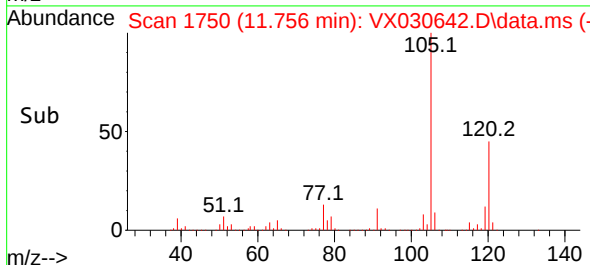
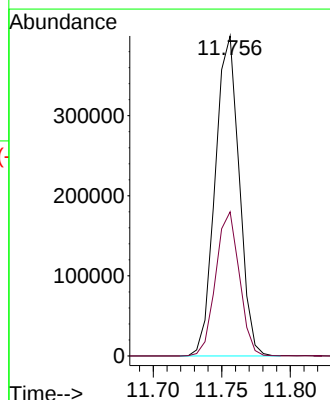
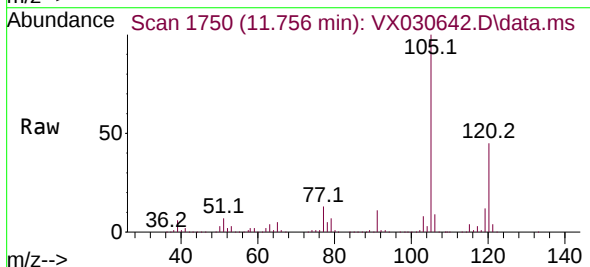
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050785

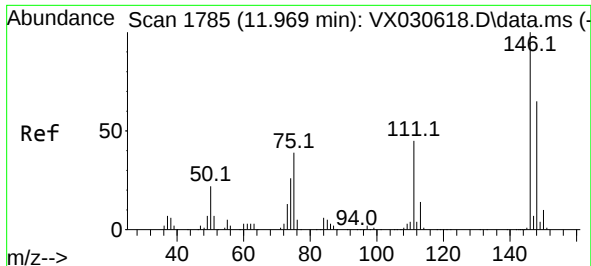
Tgt Ion:105 Resp: 490477
 Ion Ratio Lower Upper
 105 100
 120 46.6 37.2 55.8



#63
 1,2,4-Trimethylbenzene
 Concen: 56.560 ug/L
 RT: 11.756 min Scan# 1750
 Delta R.T. 0.000 min
 Lab File: VX030642.D
 Acq: 16 Aug 2022 09:27

Tgt Ion:105 Resp: 486374
 Ion Ratio Lower Upper
 105 100
 120 44.5 35.9 53.9

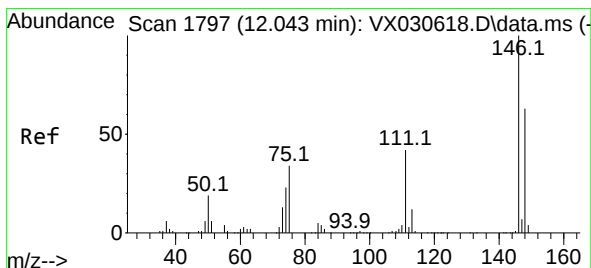
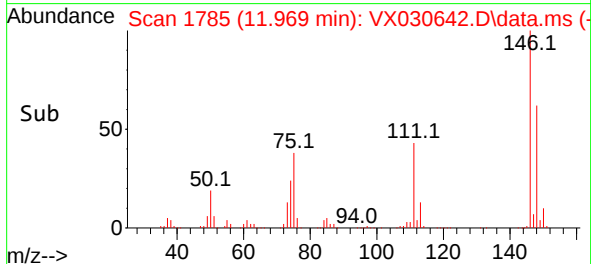
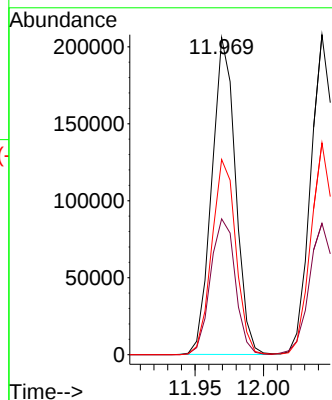
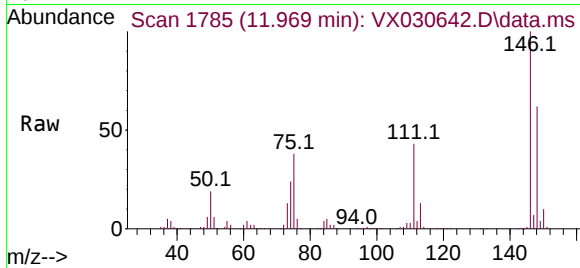




#64
1,3-Dichlorobenzene
Concen: 57.191 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX030642.D
Acq: 16 Aug 2022 09:27

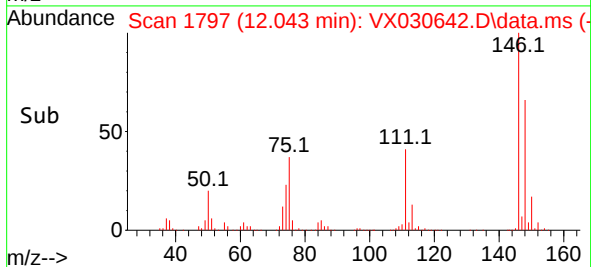
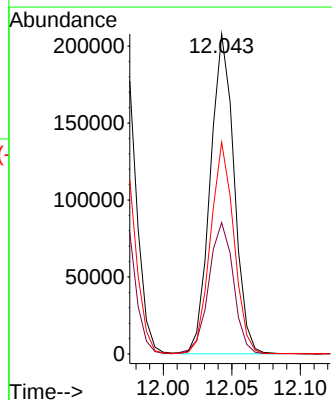
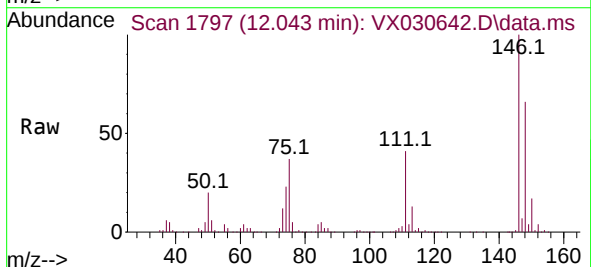
Instrument :
MSVOA_X
ClientSampleId :
VSTD050785

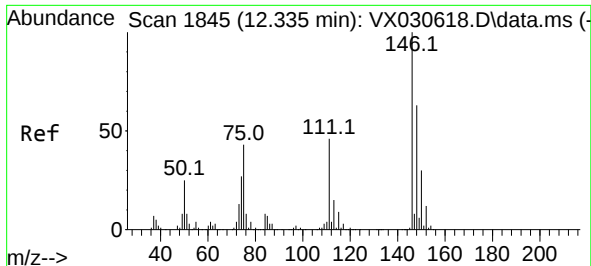
Tgt Ion:146 Resp: 247963
Ion Ratio Lower Upper
146 100
111 42.8 30.9 57.5
148 61.6 42.6 79.0



#65
1,4-Dichlorobenzene
Concen: 56.831 ug/L
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX030642.D
Acq: 16 Aug 2022 09:27

Tgt Ion:146 Resp: 250486
Ion Ratio Lower Upper
146 100
111 41.1 32.6 60.6
148 66.2 48.3 89.7

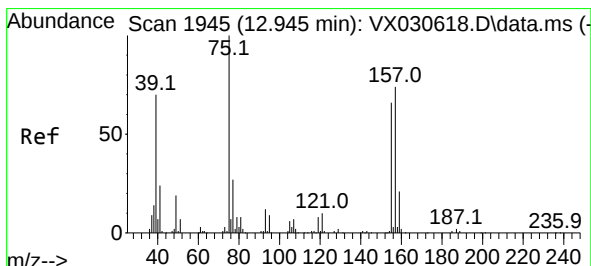
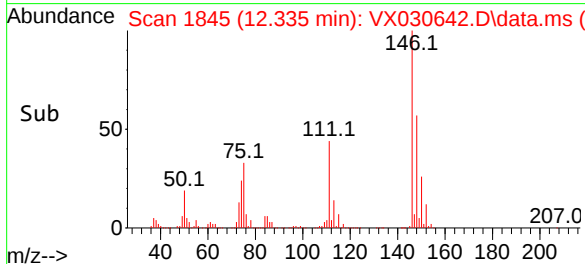
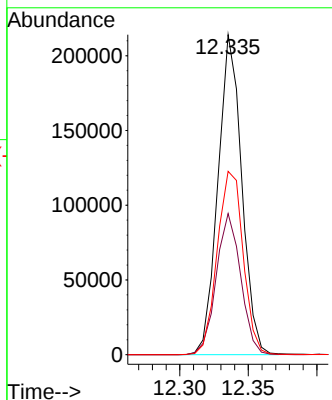
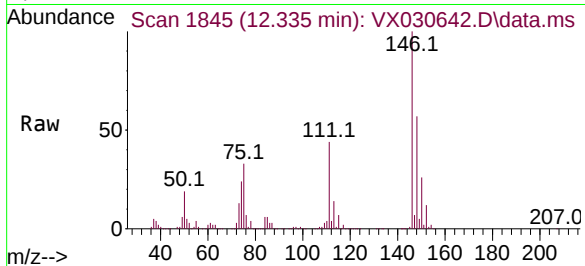




#67
1,2-Dichlorobenzene
Concen: 57.554 ug/L
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX030642.D
Acq: 16 Aug 2022 09:27

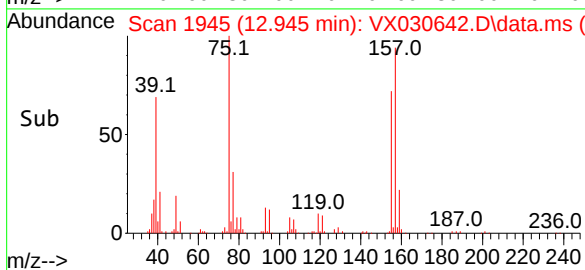
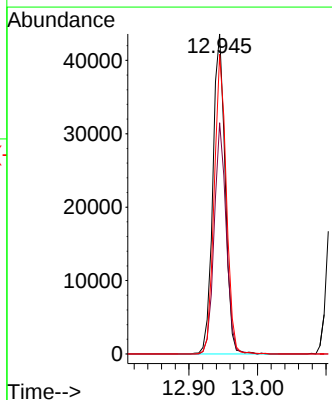
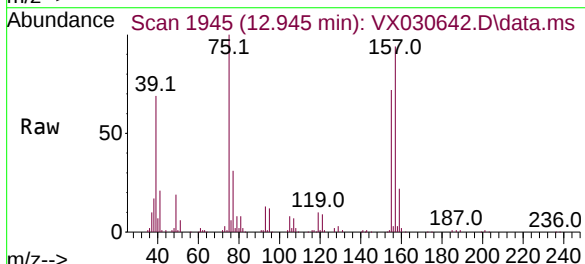
Instrument :
MSVOA_X
ClientSampleId :
VSTD050785

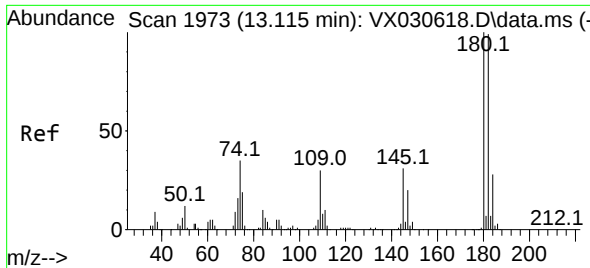
Tgt Ion:146 Resp: 258054
Ion Ratio Lower Upper
146 100
111 44.1 36.9 55.3
148 57.3 49.9 74.9



#68
1,2-Dibromo-3-chloropropane
Concen: 54.574 ug/L
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX030642.D
Acq: 16 Aug 2022 09:27

Tgt Ion: 75 Resp: 54399
Ion Ratio Lower Upper
75 100
155 72.2 57.1 85.7
157 93.6 73.1 109.7



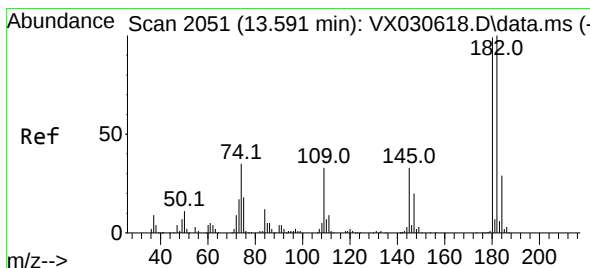
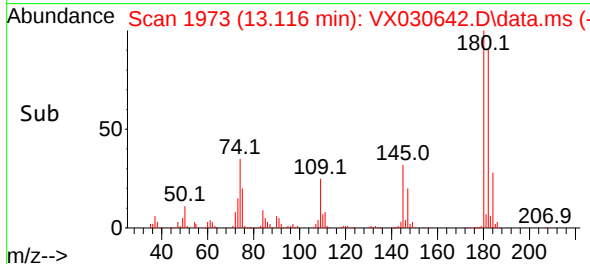
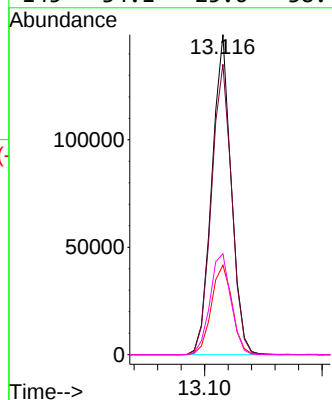
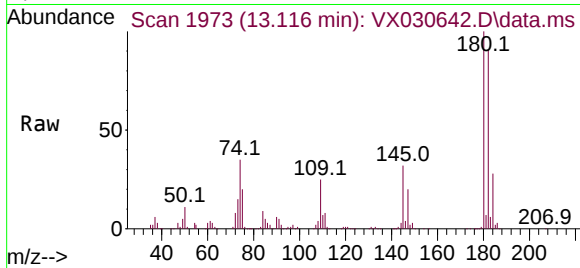


#69
1,3,5-Trichlorobenzene
Concen: 56.082 ug/L
RT: 13.116 min Scan# 1973
Delta R.T. 0.000 min
Lab File: VX030642.D
Acq: 16 Aug 2022 09:27

Instrument :
MSVOA_X
ClientSampleId :
VSTD050785

Tgt Ion:180 Resp: 170521

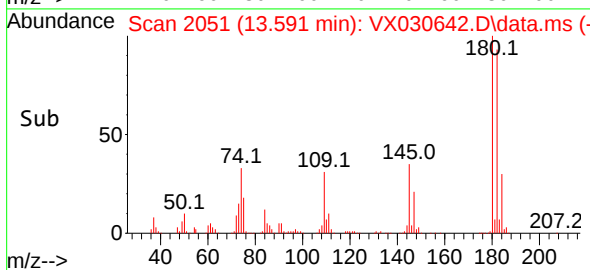
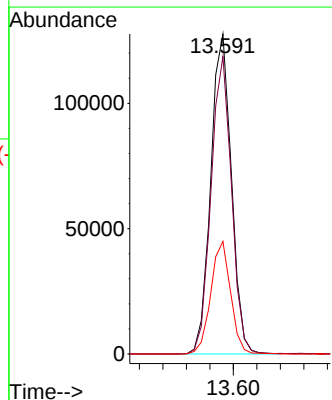
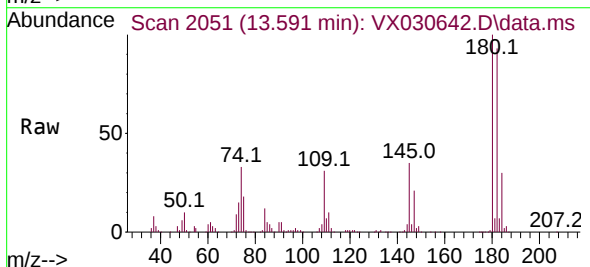
Ion	Ratio	Lower	Upper
180	100		
182	94.7	73.7	110.5
184	30.1	24.1	36.1
145	34.1	25.6	38.4

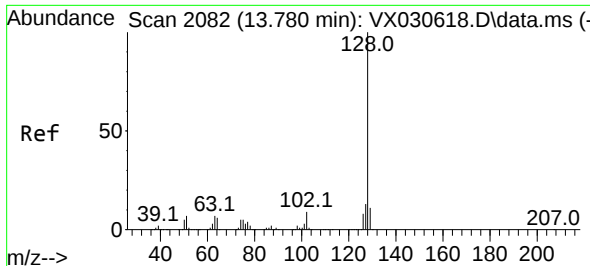


#70
1,2,4-trichlorobenzene
Concen: 58.371 ug/L
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX030642.D
Acq: 16 Aug 2022 09:27

Tgt Ion:180 Resp: 155869

Ion	Ratio	Lower	Upper
180	100		
182	91.9	72.7	109.1
145	33.8	26.6	40.0

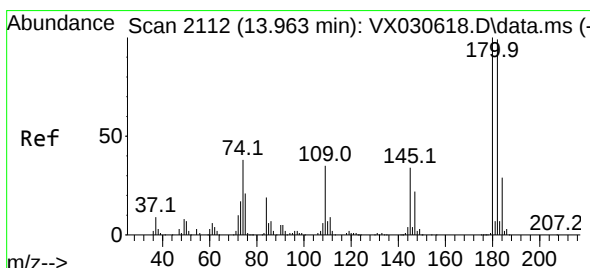
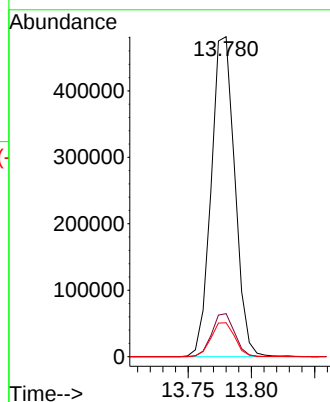
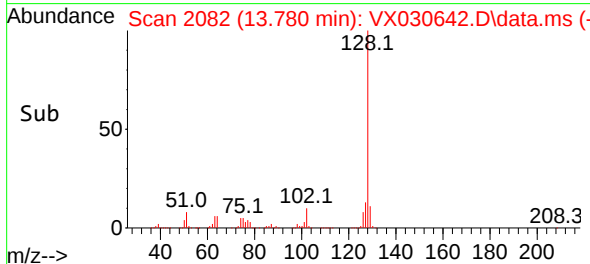
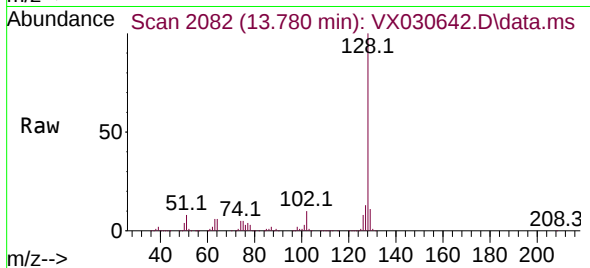




#71
Naphthalene
Concen: 56.576 ug/L
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX030642.D
Acq: 16 Aug 2022 09:27

Instrument :
MSVOA_X
ClientSampleId :
VSTD050785

Tgt Ion:128 Resp: 625361
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 10.7 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 57.109 ug/L
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX030642.D
Acq: 16 Aug 2022 09:27

Tgt Ion:180 Resp: 161088
Ion Ratio Lower Upper
180 100
182 92.6 74.6 112.0
145 36.4 28.4 42.6

