

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102921\
 Data File : VX025013.D
 Acq On : 29 Oct 2021 09:39
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050697

Quant Time: Oct 30 01:00:24 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML102821WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 28 12:38:37 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	175832	50.000	ug/L	# 0.00
28) Chlorobenzene-d5	10.055	117	163179	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	81923	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	49471	44.138	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.280%
7) Chloroethane-d5	1.666	69	34110	44.522	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.040%
11) 1,1-Dichloroethene-d2	2.307	63	128205	46.419	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.840%
21) 2-Butanone-d5	4.459	46	102346	91.418	ug/L	-0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.420%
24) Chloroform-d	5.056	84	138081	47.082	ug/L	-0.01
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.160%
26) 1,2-Dichloroethane-d4	5.958	65	98324	45.718	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.440%
32) Benzene-d6	5.977	84	212580	45.898	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.800%
36) 1,2-Dichloropropane-d6	7.312	67	73875	46.803	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.600%
41) Toluene-d8	8.653	98	205809	46.447	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.900%
43) trans-1,3-Dichloroprop...	8.952	79	44221	48.751	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.500%
47) 2-Hexanone-d5	9.385	63	74311	92.468	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.470%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	102281	47.921	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.840%
66) 1,2-Dichlorobenzene-d4	12.323	152	71096	44.723	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.440%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	82942	50.256	ug/L	100
3) Chloromethane	1.288	50	50714	44.190	ug/L	86
5) Vinyl chloride	1.374	62	58419	45.245	ug/L	100
6) Bromomethane	1.612	94	37581	45.238	ug/L	95
8) Chloroethane	1.691	64	30831	47.258	ug/L	100
9) Trichlorofluoromethane	1.886	101	134141	46.800	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.325	101	67138	51.640	ug/L	93
12) 1,1-Dichloroethene	2.319	96	56063	51.261	ug/L	81
13) Acetone	2.386	43	107690	101.199	ug/L	93
14) Carbon disulfide	2.514	76	149642	50.479	ug/L	99
16) Methylene chloride	2.788	84	64304	51.927	ug/L	81
17) trans-1,2-Dichloroethene	3.093	96	59332	52.979	ug/L	88
18) Methyl tert-butyl Ether	3.111	73	235600	50.944	ug/L	# 91
19) 1,1-Dichloroethane	3.611	63	130594	50.184	ug/L	93
20) cis-1,2-Dichloroethene	4.489	96	65959	52.134	ug/L	74
22) 2-Butanone	4.562	43	125673	95.938	ug/L	80
23) Bromochloromethane	4.898	128	32845	51.964	ug/L	# 62
25) Chloroform	5.099	83	146041	50.428	ug/L	97
27) 1,2-Dichloroethane	6.086	62	121830	47.584	ug/L	98

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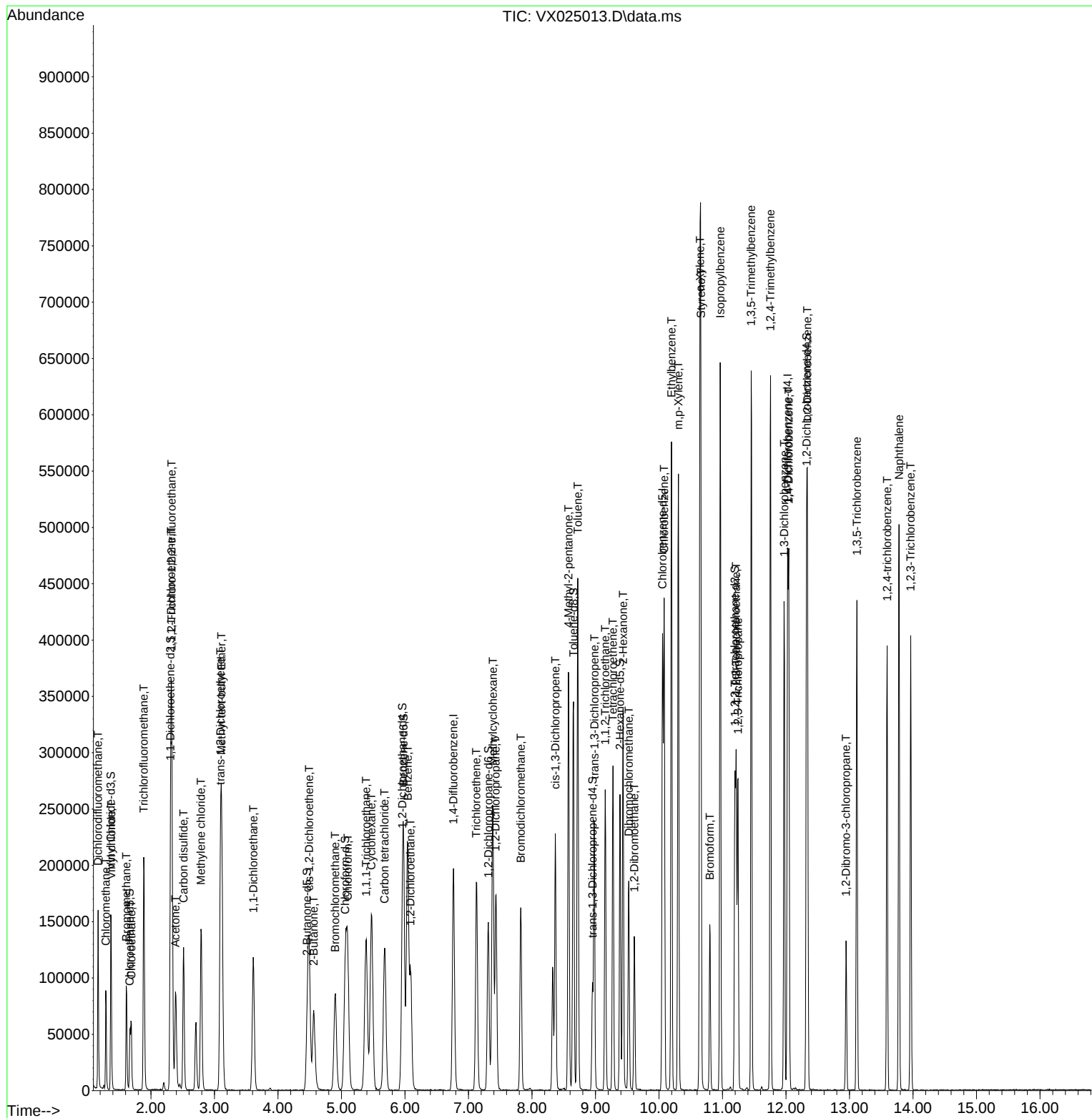
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	5.471	56	109611	49.544	ug/L #	77
30) 1,1,1-Trichloroethane	5.385	97	141496	50.129	ug/L #	93
31) Carbon tetrachloride	5.678	117	120524	50.412	ug/L	99
33) Benzene	6.044	78	248006	49.089	ug/L	100
34) Trichloroethene	7.123	95	74804	49.079	ug/L	88
35) Methylcyclohexane	7.385	83	112645	51.217	ug/L #	86
37) 1,2-Dichloropropane	7.428	63	72126	50.182	ug/L #	95
38) Bromodichloromethane	7.824	83	111441	50.750	ug/L	95
39) cis-1,3-Dichloropropene	8.366	75	114614	49.066	ug/L	98
40) 4-Methyl-2-pentanone	8.574	43	207622	93.017	ug/L #	83
42) Toluene	8.720	91	277276	50.154	ug/L	96
44) trans-1,3-Dichloropropene	8.982	75	122127	50.778	ug/L	97
45) 1,1,2-Trichloroethane	9.153	97	63480	47.178	ug/L	95
46) Tetrachloroethene	9.275	164	48716	51.206	ug/L	88
48) 2-Hexanone	9.433	43	173070	93.811	ug/L #	84
49) Dibromochloromethane	9.525	129	80235	52.974	ug/L	99
50) 1,2-Dibromoethane	9.610	107	73099	49.243	ug/L	95
51) Chlorobenzene	10.080	112	167073	50.534	ug/L #	86
52) Ethylbenzene	10.195	91	322787	50.595	ug/L	97
53) m,p-Xylene	10.305	106	109828	50.049	ug/L	94
54) o-Xylene	10.647	106	108273	50.472	ug/L	97
55) Styrene	10.659	104	186783	51.480	ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.214	83	105791	48.858	ug/L	99
59) Bromoform	10.799	173	50275	49.822	ug/L	96
60) Isopropylbenzene	10.964	105	318709	51.040	ug/L	97
61) 1,2,3-Trichloropropane	11.244	75	93664	46.938	ug/L	92
62) 1,3,5-Trimethylbenzene	11.451	105	277151	51.248	ug/L	98
63) 1,2,4-Trimethylbenzene	11.756	105	275587	50.833	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	124678	51.307	ug/L	97
65) 1,4-Dichlorobenzene	12.043	146	124126	49.391	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	124705	50.237	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.945	75	29464	45.278	ug/L	94
69) 1,3,5-Trichlorobenzene	13.116	180	89807	51.457	ug/L	97
70) 1,2,4-trichlorobenzene	13.591	180	80363	54.321	ug/L	99
71) Naphthalene	13.780	128	283639	55.437	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	80031	52.605	ug/L	97

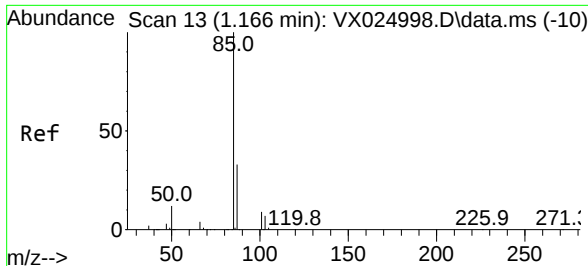
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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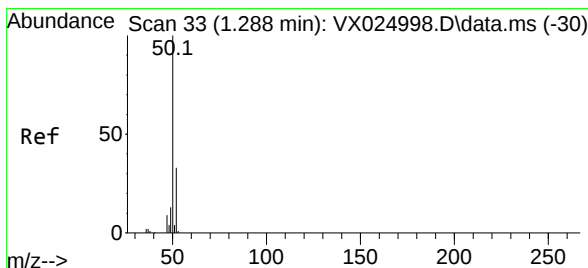
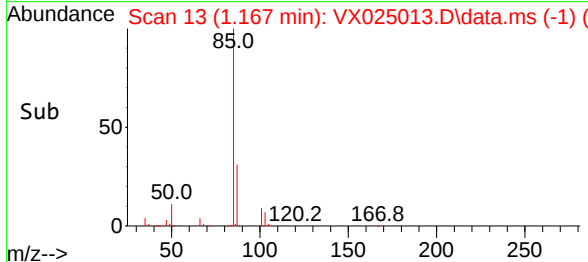
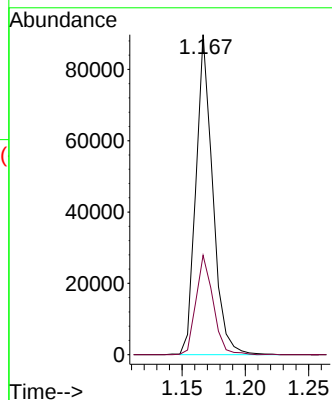
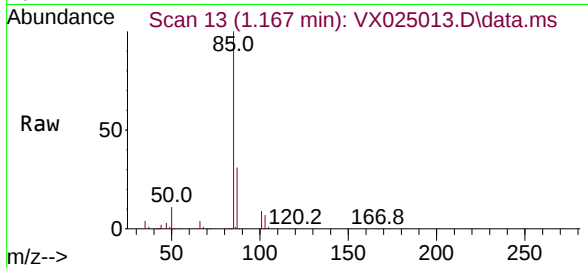




#2
Dichlorodifluoromethane
Concen: 50.256 ug/L
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX025013.D
Acq: 29 Oct 2021 09:39

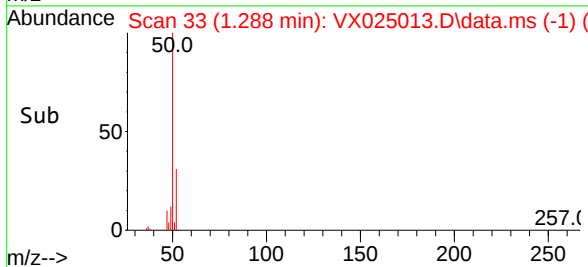
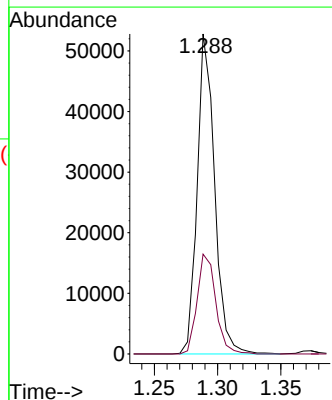
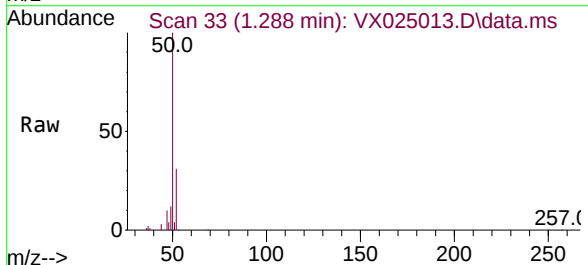
Instrument :
MSVOA_X
ClientSampleId :
VSTD050697

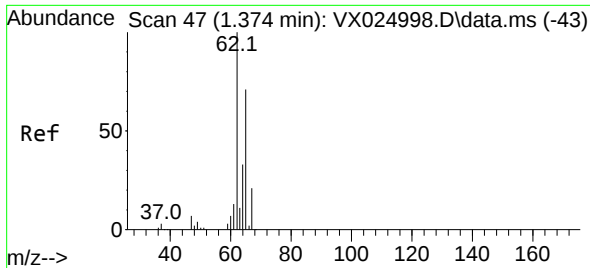
Tgt Ion: 85 Resp: 82942
Ion Ratio Lower Upper
85 100
87 31.6 25.3 37.9



#3
Chloromethane
Concen: 44.190 ug/L
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX025013.D
Acq: 29 Oct 2021 09:39

Tgt Ion: 50 Resp: 50714
Ion Ratio Lower Upper
50 100
52 31.2 28.0 52.0

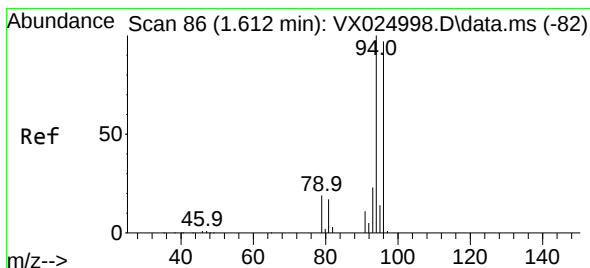
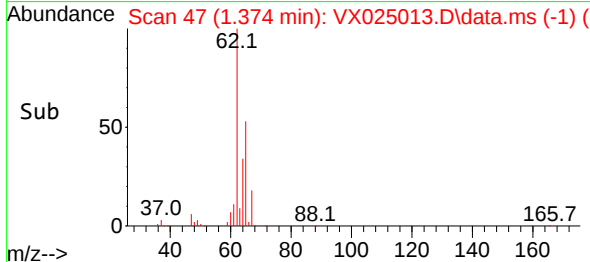
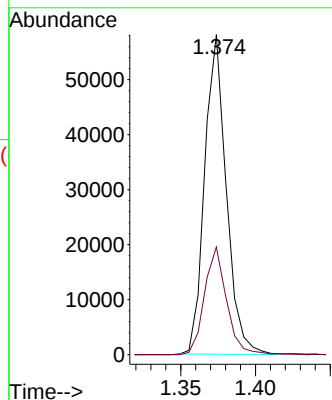
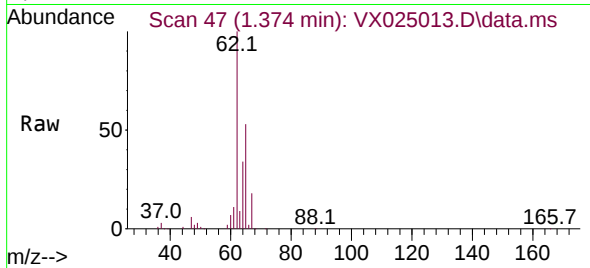




#5
 Vinyl chloride
 Concen: 45.245 ug/L
 RT: 1.374 min Scan# 47
 Delta R.T. 0.000 min
 Lab File: VX025013.D
 Acq: 29 Oct 2021 09:39

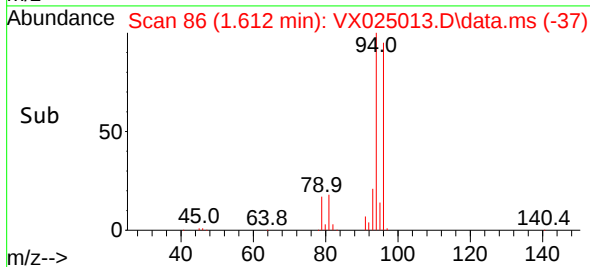
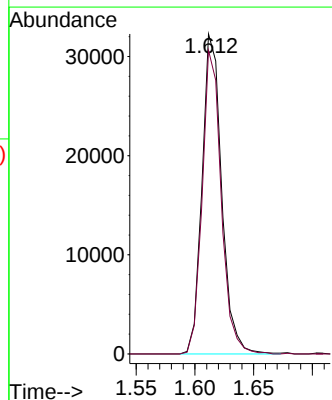
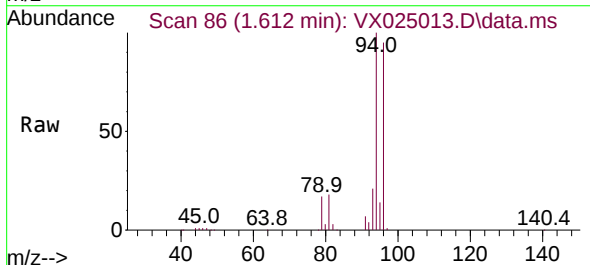
Instrument :
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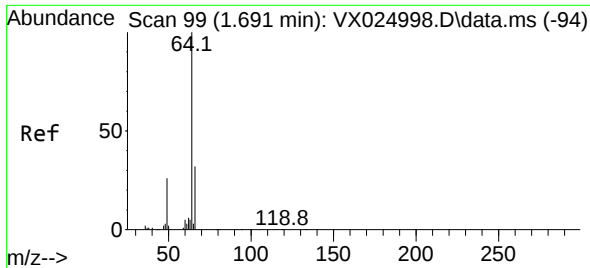
Tgt Ion: 62 Resp: 58419
 Ion Ratio Lower Upper
 62 100
 64 33.6 23.6 43.8



#6
 Bromomethane
 Concen: 45.238 ug/L
 RT: 1.612 min Scan# 86
 Delta R.T. -0.000 min
 Lab File: VX025013.D
 Acq: 29 Oct 2021 09:39

Tgt Ion: 94 Resp: 37581
 Ion Ratio Lower Upper
 94 100
 96 94.9 62.9 116.9

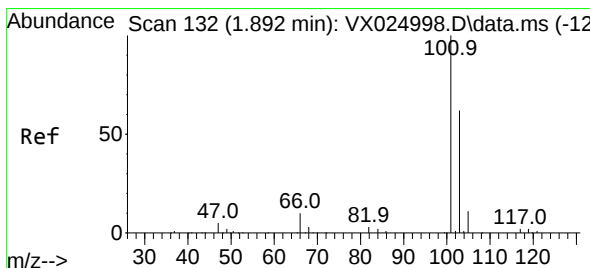
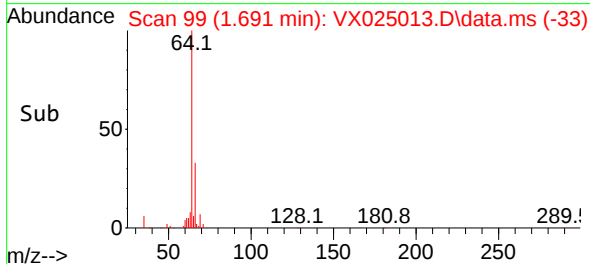
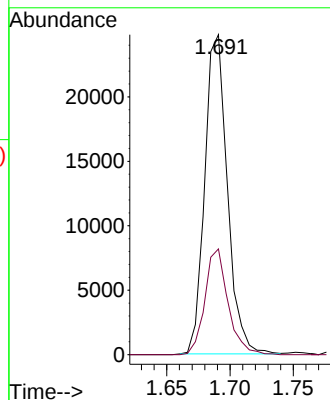
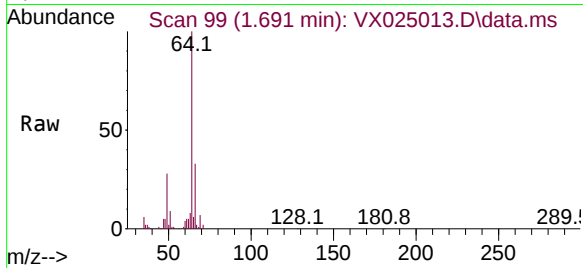




#8
Chloroethane
Concen: 47.258 ug/L
RT: 1.691 min Scan# 99
Delta R.T. 0.000 min
Lab File: VX025013.D
Acq: 29 Oct 2021 09:39

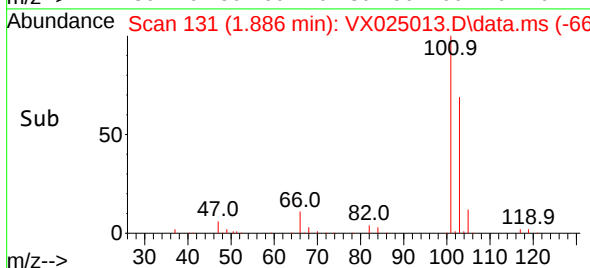
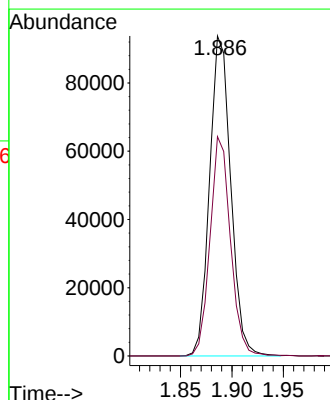
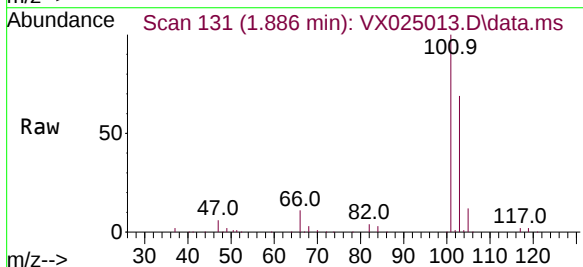
Instrument :
MSVOA_X
ClientSampleId :
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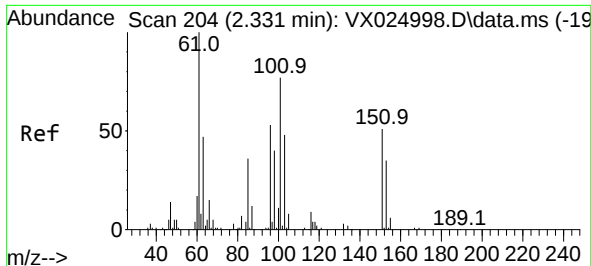
Tgt Ion: 64 Resp: 30831
Ion Ratio Lower Upper
64 100
66 33.1 23.3 43.3



#9
Trichlorofluoromethane
Concen: 46.800 ug/L
RT: 1.886 min Scan# 131
Delta R.T. -0.006 min
Lab File: VX025013.D
Acq: 29 Oct 2021 09:39

Tgt Ion: 101 Resp: 134141
Ion Ratio Lower Upper
101 100
103 66.2 51.4 77.0





#10

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

Concen: 51.640 ug/L

RT: 2.325 min Scan# 203

Delta R.T. -0.006 min

Lab File: VX025013.D

Acq: 29 Oct 2021 09:39

Tgt Ion:101 Resp: 67138

Ion Ratio Lower Upper

101 100

85 45.8 35.3 52.9

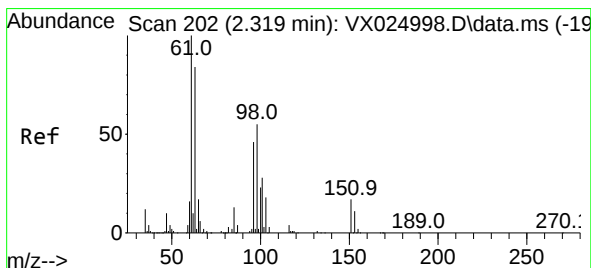
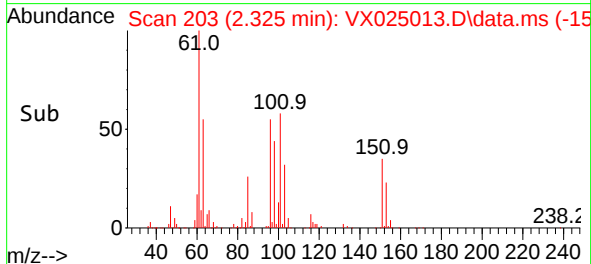
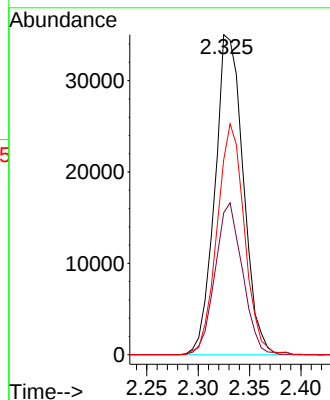
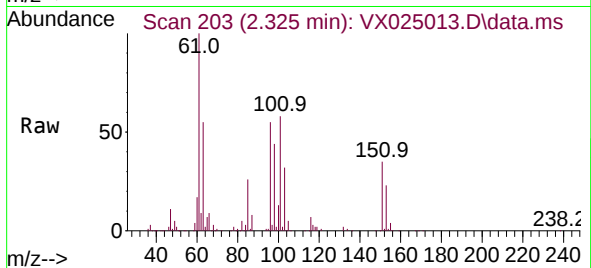
151 69.3 62.3 93.5

Instrument :

MSVOA_X

ClientSampleId :

VSTD050697



#12

1,1-Dichloroethene

Concen: 51.261 ug/L

RT: 2.319 min Scan# 202

Delta R.T. 0.000 min

Lab File: VX025013.D

Acq: 29 Oct 2021 09:39

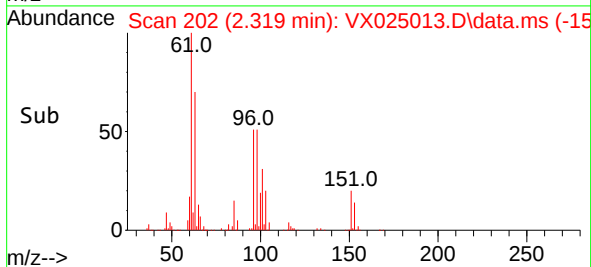
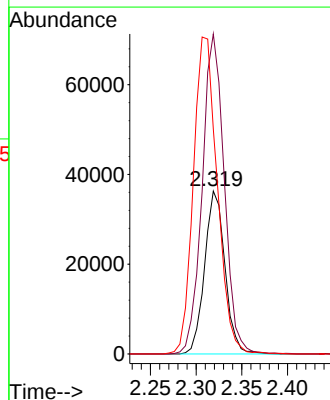
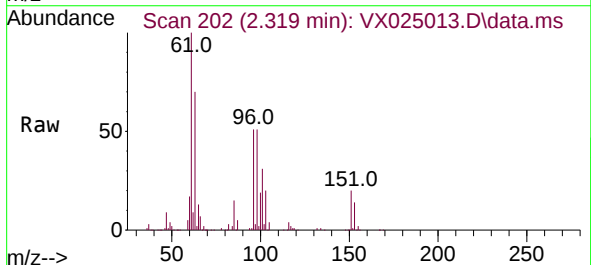
Tgt Ion: 96 Resp: 56063

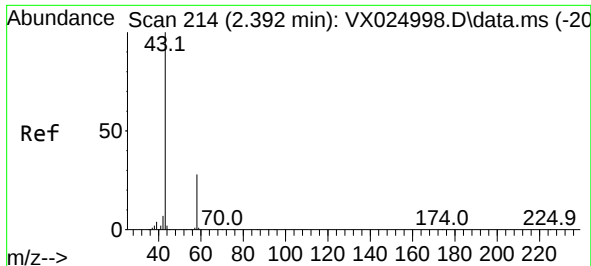
Ion Ratio Lower Upper

96 100

61 196.5 109.9 204.1

63 138.1 92.4 171.6

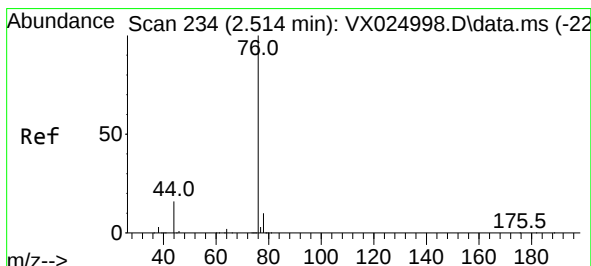
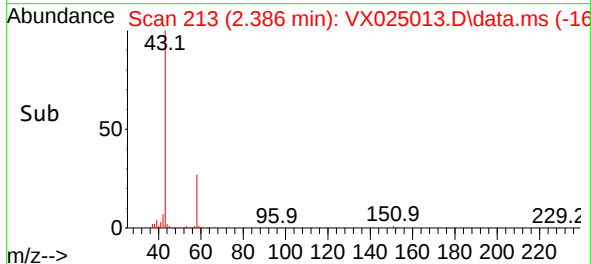
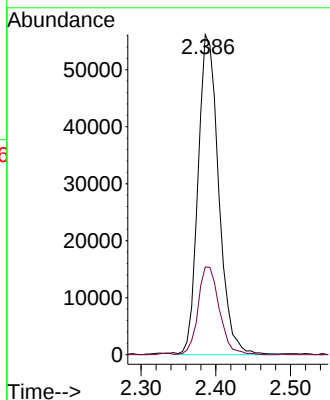
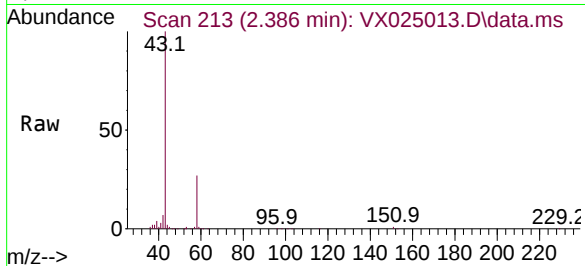




#13
Acetone
Concen: 101.199 ug/L
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX025013.D
Acq: 29 Oct 2021 09:39

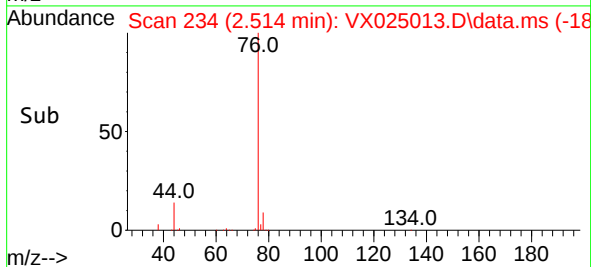
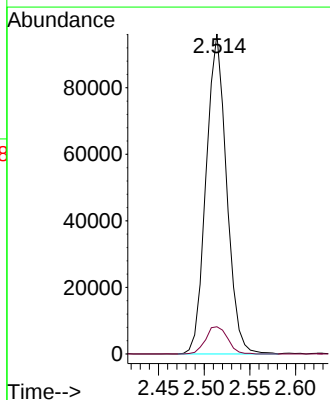
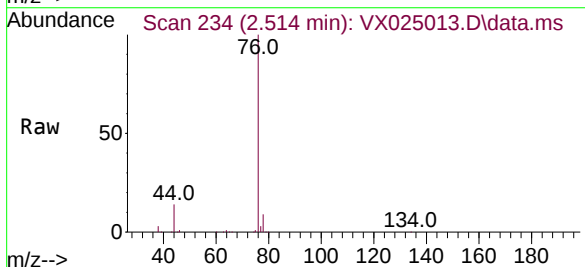
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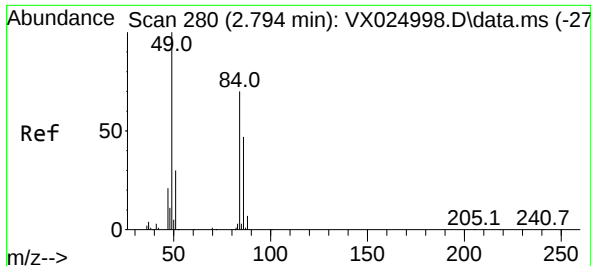
Tgt Ion: 43 Resp: 107690
Ion Ratio Lower Upper
43 100
58 28.2 0.0 64.8



#14
Carbon disulfide
Concen: 50.479 ug/L
RT: 2.514 min Scan# 234
Delta R.T. 0.000 min
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Tgt Ion: 76 Resp: 149642
Ion Ratio Lower Upper
76 100
78 8.5 7.2 10.8

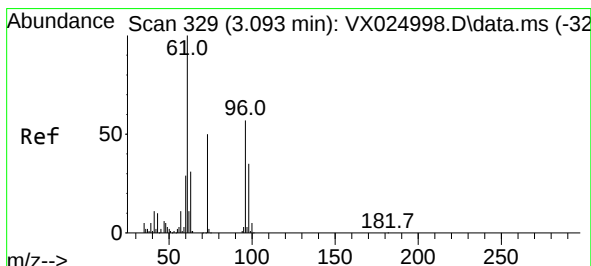
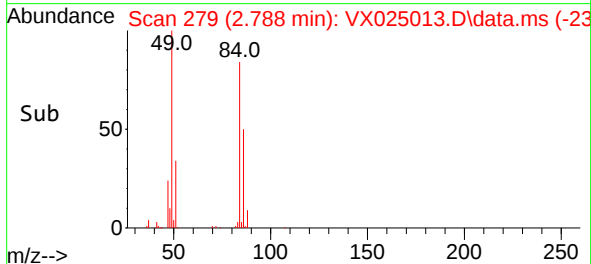
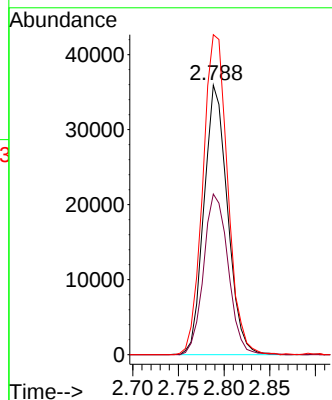
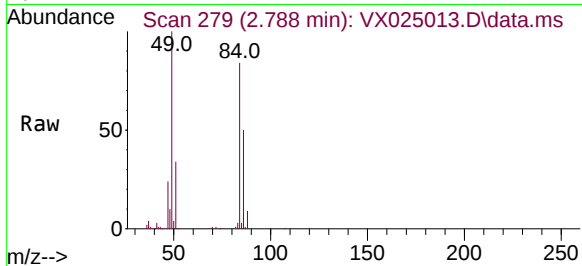




#16
Methylene chloride
Concen: 51.927 ug/L
RT: 2.788 min Scan# 279
Delta R.T. -0.006 min
Lab File: VX025013.D
Acq: 29 Oct 2021 09:39

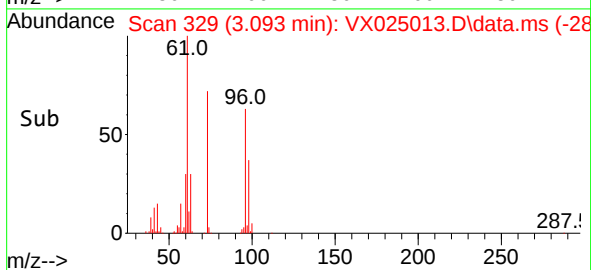
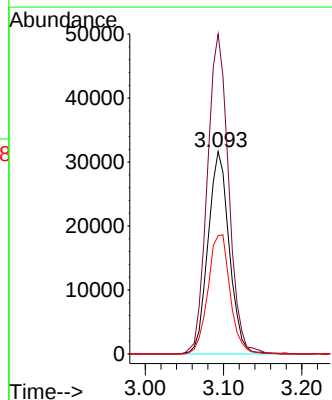
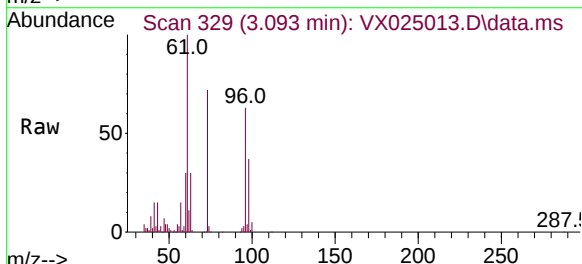
Instrument :
MSVOA_X
ClientSampleId :
VSTD050697

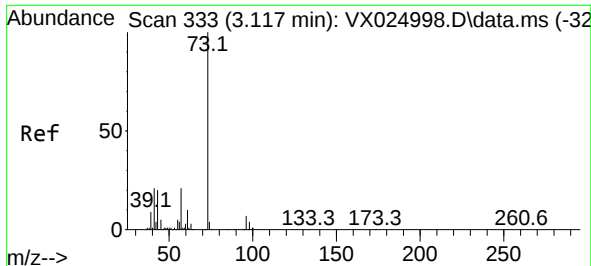
Tgt Ion: 84 Resp: 64304
Ion Ratio Lower Upper
84 100
86 59.6 44.4 82.5
49 118.7 64.0 118.8



#17
trans-1,2-Dichloroethene
Concen: 52.979 ug/L
RT: 3.093 min Scan# 329
Delta R.T. 0.000 min
Lab File: VX025013.D
Acq: 29 Oct 2021 09:39

Tgt Ion: 96 Resp: 59332
Ion Ratio Lower Upper
96 100
61 158.1 99.4 184.6
98 58.4 47.0 87.2

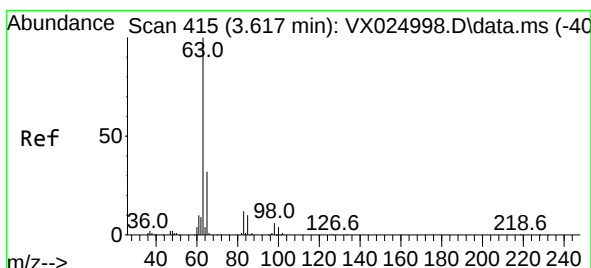
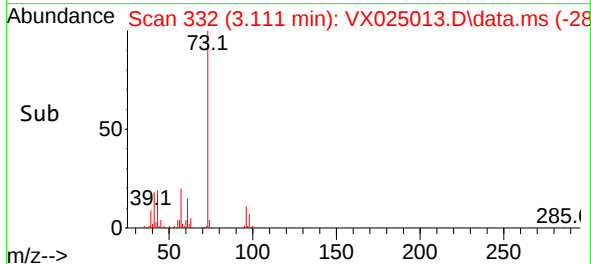
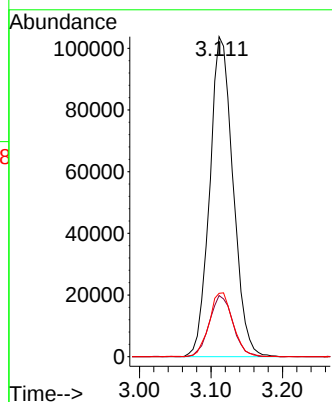
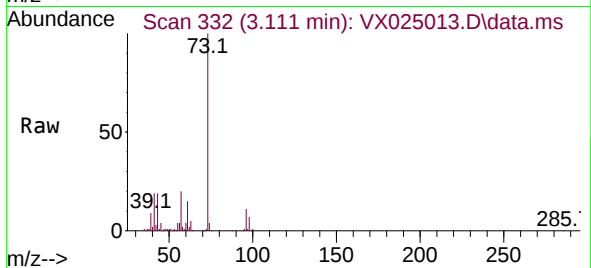




#18
Methyl tert-butyl Ether
Concen: 50.944 ug/L
RT: 3.111 min Scan# 332
Delta R.T. -0.006 min
Lab File: VX025013.D
Acq: 29 Oct 2021 09:39

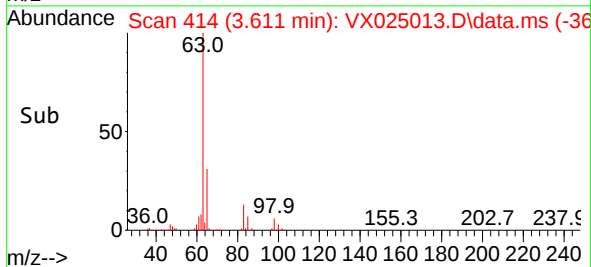
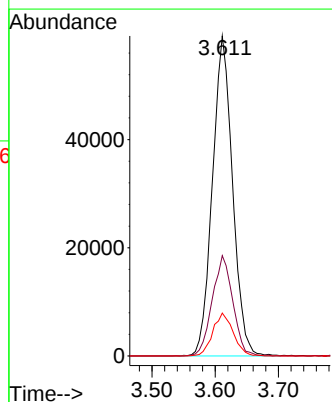
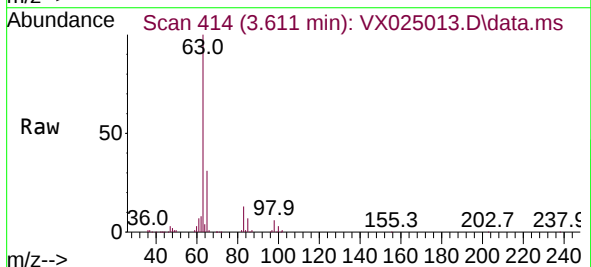
Instrument :
MSVOA_X
ClientSampleId :
VSTD050697

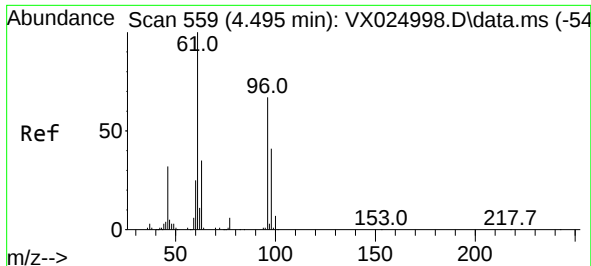
Tgt Ion: 73 Resp: 235600
Ion Ratio Lower Upper
73 100
43 19.3 12.4 18.6#
57 20.3 13.2 19.8#



#19
1,1-Dichloroethane
Concen: 50.184 ug/L
RT: 3.611 min Scan# 414
Delta R.T. -0.006 min
Lab File: VX025013.D
Acq: 29 Oct 2021 09:39

Tgt Ion: 63 Resp: 130594
Ion Ratio Lower Upper
63 100
65 31.4 24.5 45.5
83 13.4 11.7 21.7





#20

cis-1,2-Dichloroethene

Concen: 52.134 ug/L

RT: 4.489 min Scan# 558

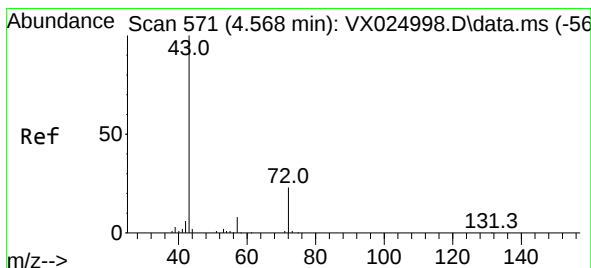
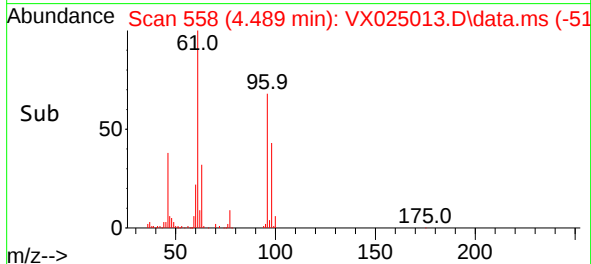
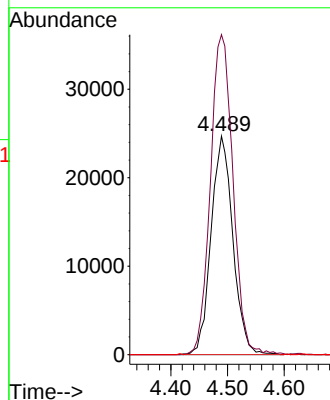
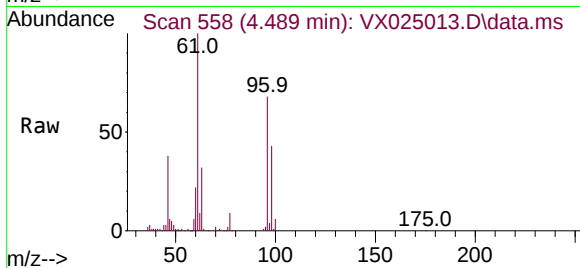
Delta R.T. -0.006 min

Lab File: VX025013.D

Acq: 29 Oct 2021 09:39

Tgt Ion: 96 Resp: 65959

Ion	Ratio	Lower	Upper
96	100		
61	146.4	82.6	153.4
68	0.0	0.0	0.0



#22

2-Butanone

Concen: 95.938 ug/L

RT: 4.562 min Scan# 570

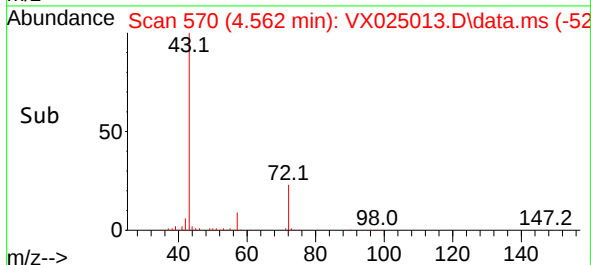
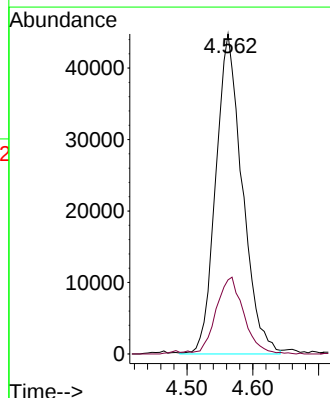
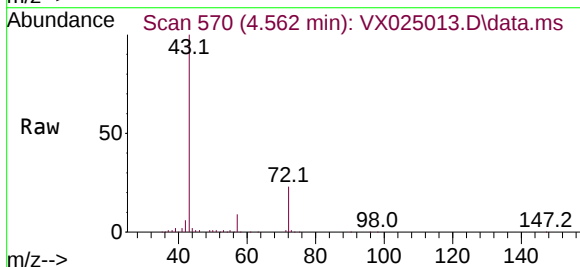
Delta R.T. -0.006 min

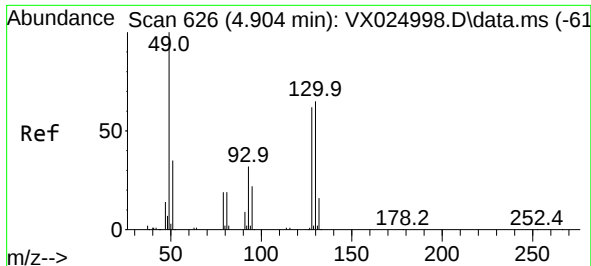
Lab File: VX025013.D

Acq: 29 Oct 2021 09:39

Tgt Ion: 43 Resp: 125673

Ion	Ratio	Lower	Upper
43	100		
72	25.0	18.4	55.0

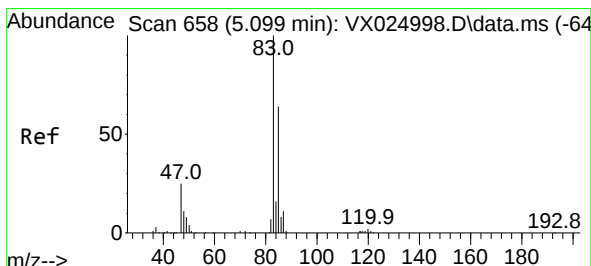
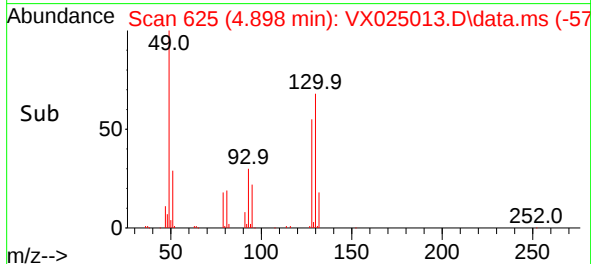
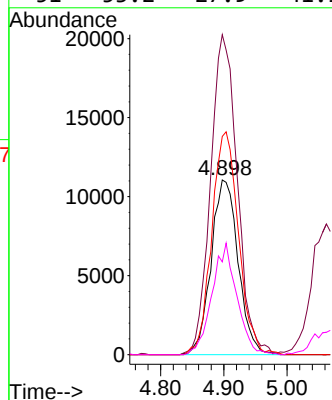
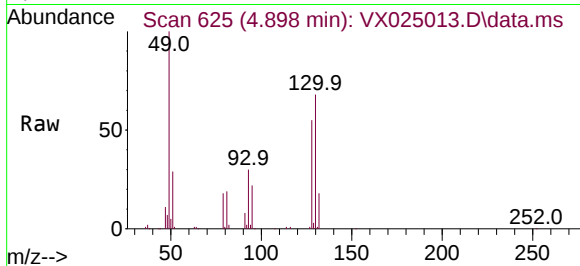




#23
Bromochloromethane
Concen: 51.964 ug/L
RT: 4.898 min Scan# 625
Delta R.T. -0.006 min
Lab File: VX025013.D
Acq: 29 Oct 2021 09:39

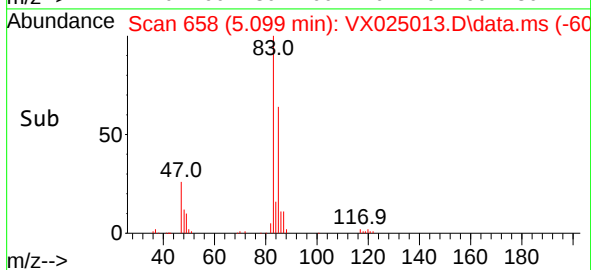
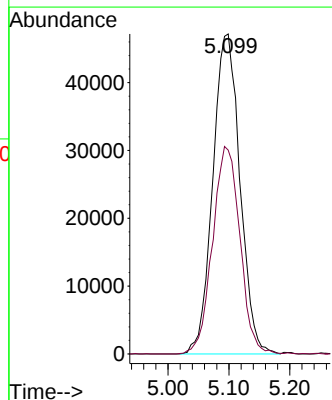
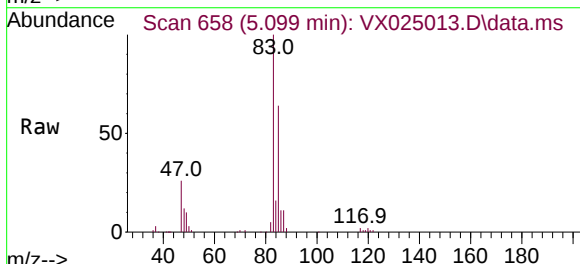
Instrument :
MSVOA_X
ClientSampleId :
VSTD050697

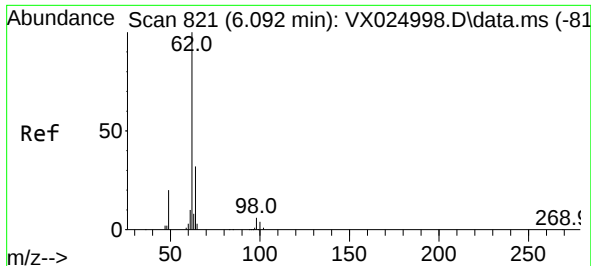
Tgt Ion:	128	Resp:	32845
Ion	Ratio	Lower	Upper
128	100		
49	183.2	71.5	132.7#
130	124.9	84.3	156.5
51	53.2	27.9	41.9#



#25
Chloroform
Concen: 50.428 ug/L
RT: 5.099 min Scan# 658
Delta R.T. 0.000 min
Lab File: VX025013.D
Acq: 29 Oct 2021 09:39

Tgt Ion:	83	Resp:	146041
Ion	Ratio	Lower	Upper
83	100		
85	63.7	46.3	86.1

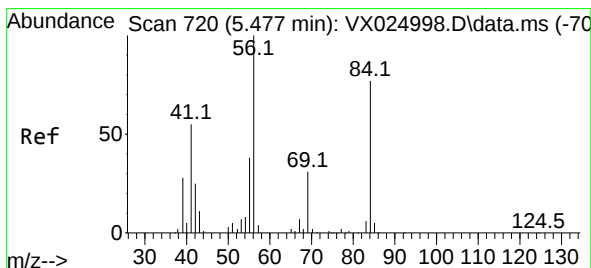
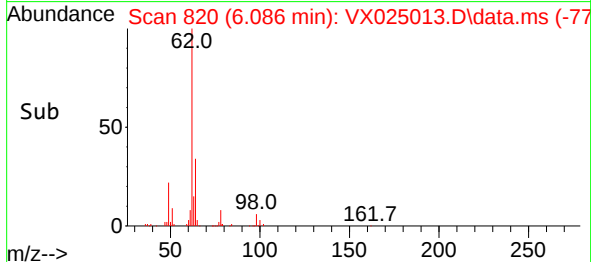
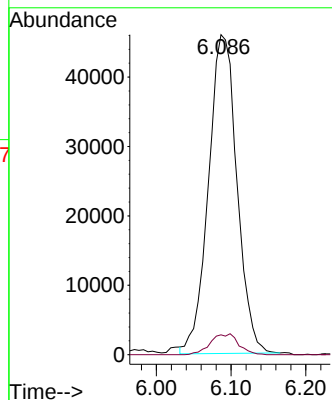
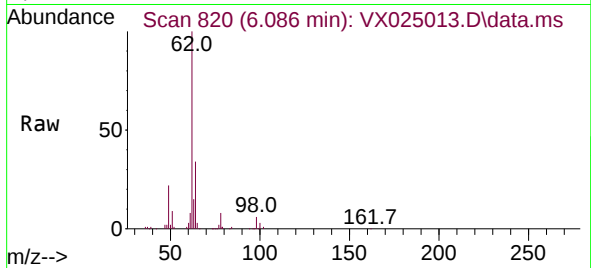




#27
1,2-Dichloroethane
Concen: 47.584 ug/L
RT: 6.086 min Scan# 820
Delta R.T. -0.006 min
Lab File: VX025013.D
Acq: 29 Oct 2021 09:39

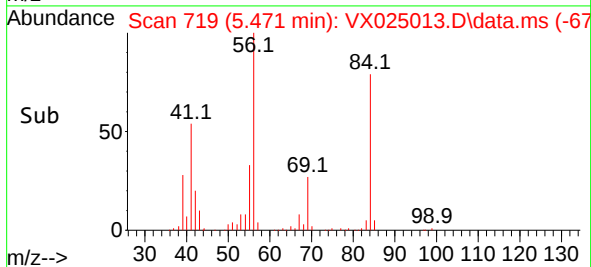
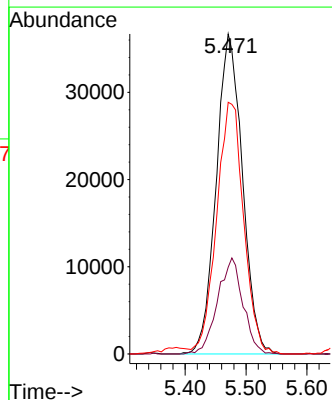
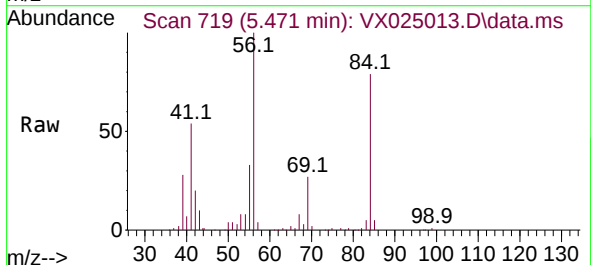
Instrument :
MSVOA_X
ClientSampleId :
VSTD050697

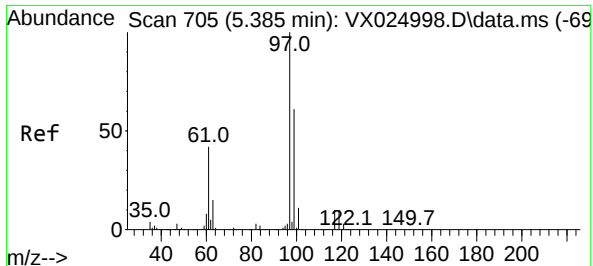
Tgt Ion: 62 Resp: 121830
Ion Ratio Lower Upper
62 100
98 6.2 5.5 8.3



#29
Cyclohexane
Concen: 49.544 ug/L
RT: 5.471 min Scan# 719
Delta R.T. -0.006 min
Lab File: VX025013.D
Acq: 29 Oct 2021 09:39

Tgt Ion: 56 Resp: 109611
Ion Ratio Lower Upper
56 100
69 28.8 30.8 46.2#
84 81.2 86.8 130.2#





#30

1,1,1-Trichloroethane

Concen: 50.129 ug/L

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX025013.D

Acq: 29 Oct 2021 09:39

Tgt Ion: 97 Resp: 141496

Ion Ratio Lower Upper

97 100

99 63.3 53.1 79.7

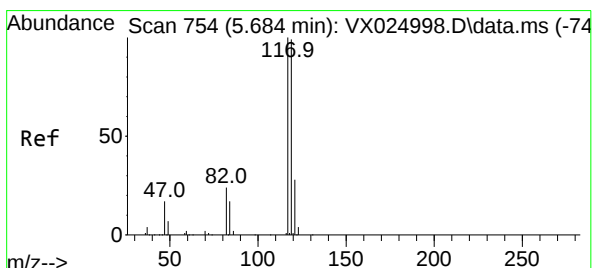
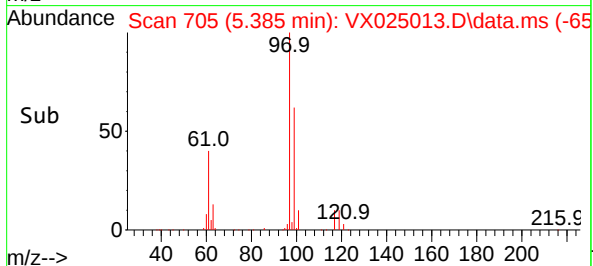
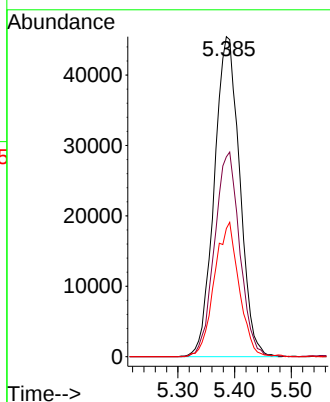
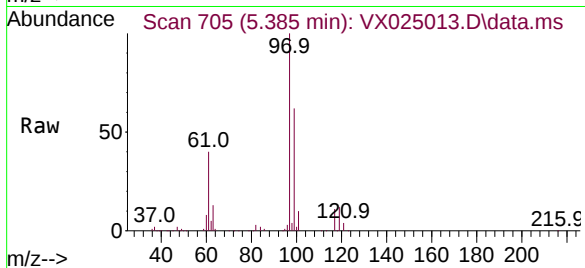
61 40.9 26.3 39.5#

Instrument :

MSVOA_X

ClientSampleId :

VSTD050697



#31

Carbon tetrachloride

Concen: 50.412 ug/L

RT: 5.678 min Scan# 753

Delta R.T. -0.006 min

Lab File: VX025013.D

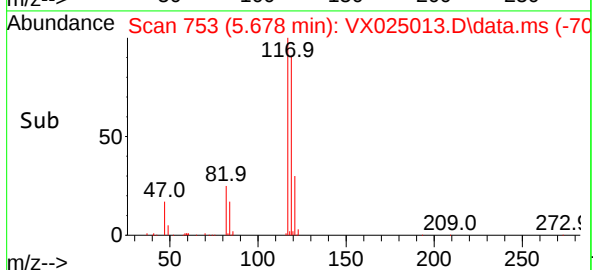
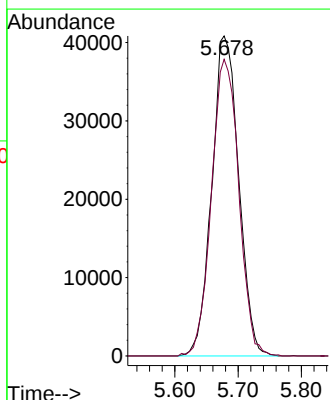
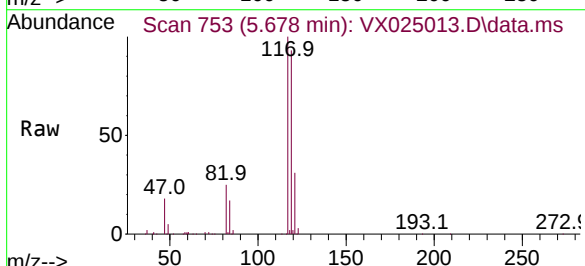
Acq: 29 Oct 2021 09:39

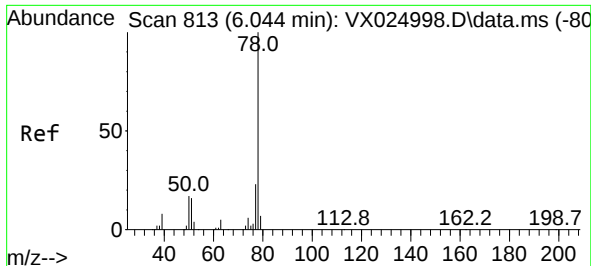
Tgt Ion: 117 Resp: 120524

Ion Ratio Lower Upper

117 100

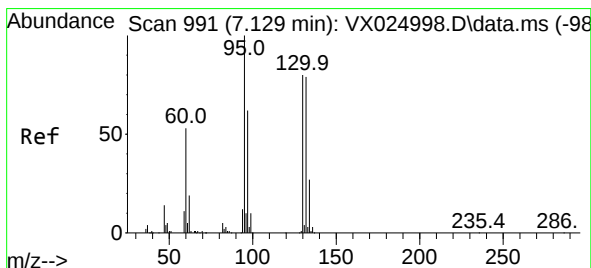
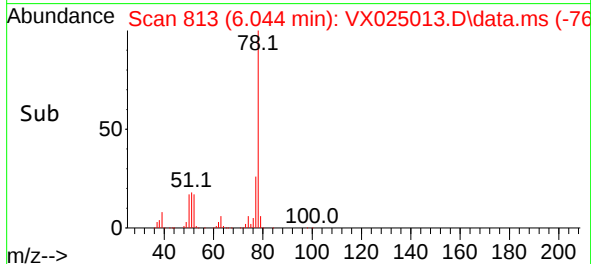
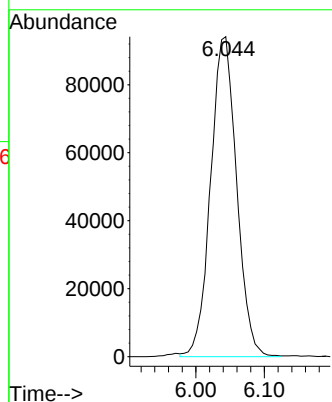
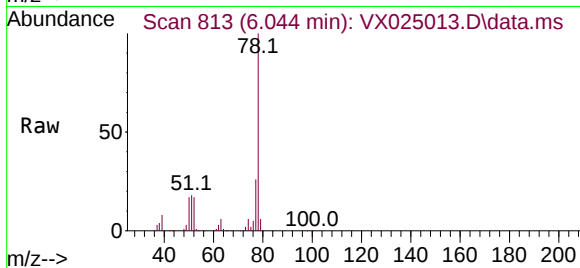
119 94.2 76.0 114.0





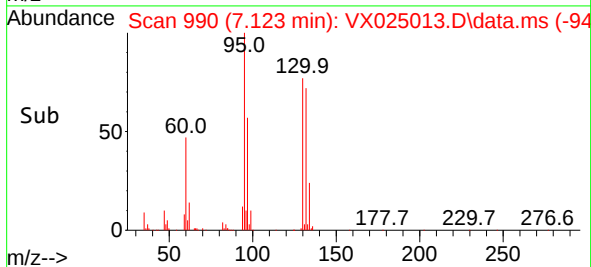
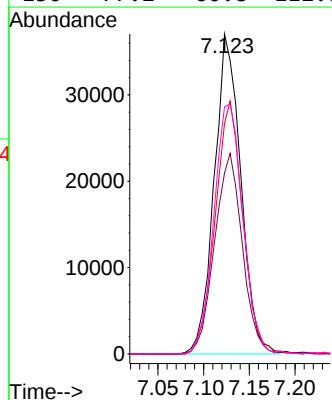
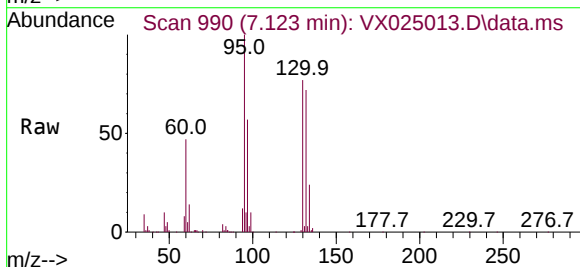
#33
Benzene
Concen: 49.089 ug/L
RT: 6.044 min Scan# 813
Delta R.T. 0.000 min
Lab File: VX025013.D
Acq: 29 Oct 2021 09:39
Tgt Ion: 78 Resp: 248006

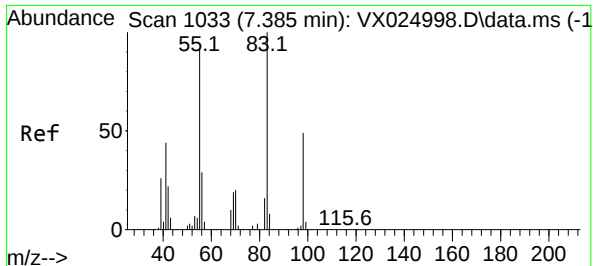
Instrument :
MSVOA_X
ClientSampleId :
VSTD050697



#34
Trichloroethene
Concen: 49.079 ug/L
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX025013.D
Acq: 29 Oct 2021 09:39

Tgt Ion: 95 Resp: 74804
Ion Ratio Lower Upper
95 100
97 56.6 44.2 82.2
132 72.0 60.1 111.5
130 77.2 60.8 112.8

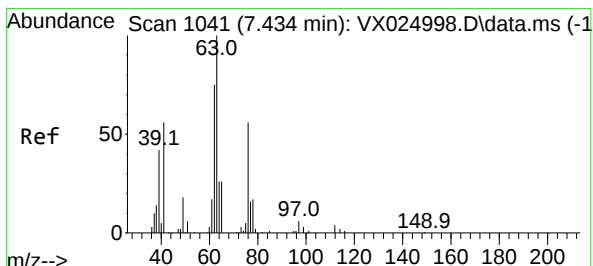
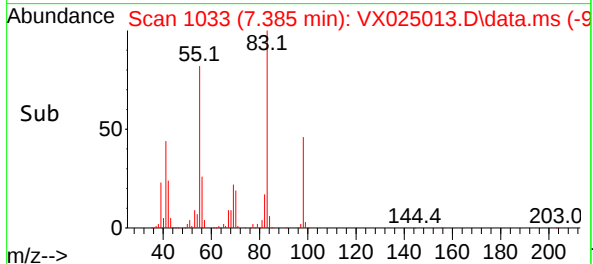
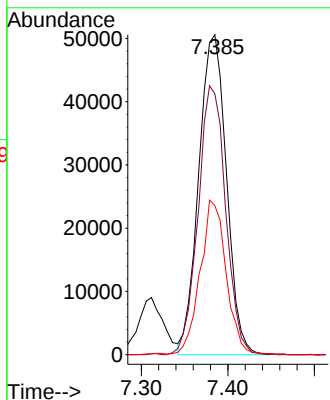
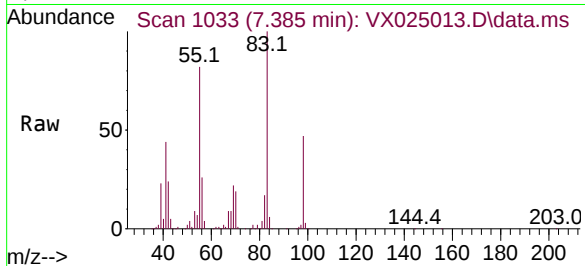




#35
Methylcyclohexane
Concen: 51.217 ug/L
RT: 7.385 min Scan# 1033
Delta R.T. 0.000 min
Lab File: VX025013.D
Acq: 29 Oct 2021 09:39

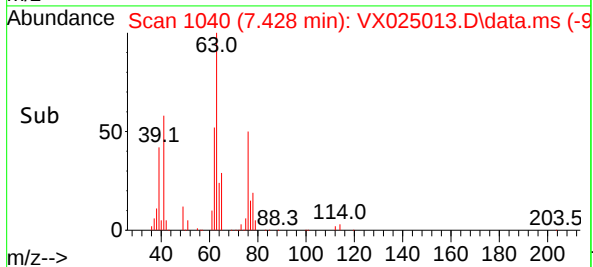
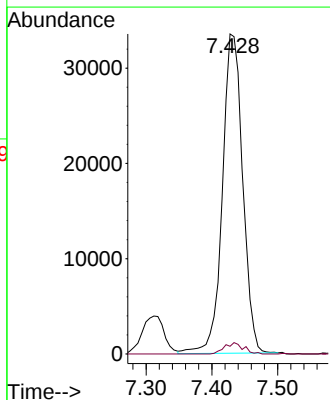
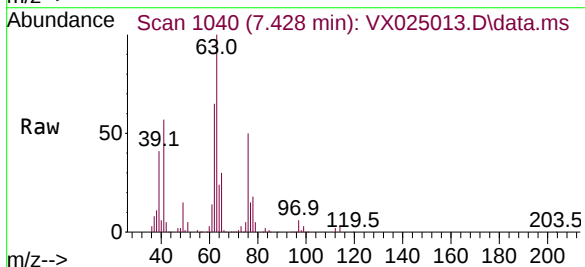
Instrument :
MSVOA_X
ClientSampleId :
VSTD050697

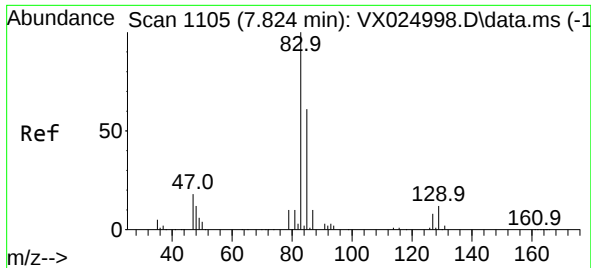
Tgt Ion: 83 Resp: 112645
Ion Ratio Lower Upper
83 100
55 83.3 52.6 79.0#
98 45.2 37.9 56.9



#37
1,2-Dichloropropane
Concen: 50.182 ug/L
RT: 7.428 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VX025013.D
Acq: 29 Oct 2021 09:39

Tgt Ion: 63 Resp: 72126
Ion Ratio Lower Upper
63 100
112 3.2 4.0 6.0#

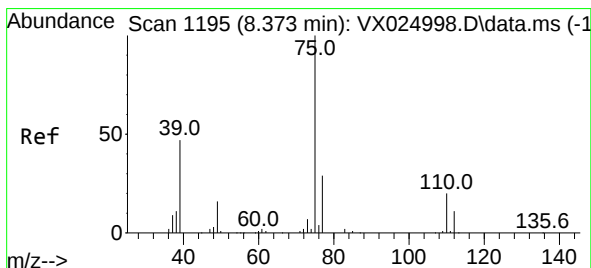
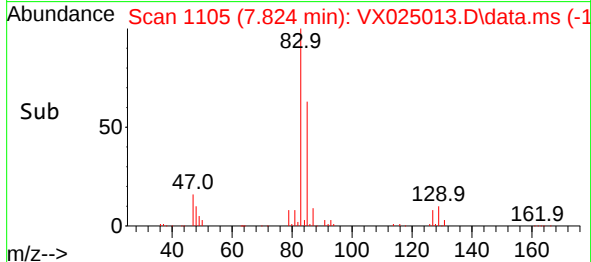
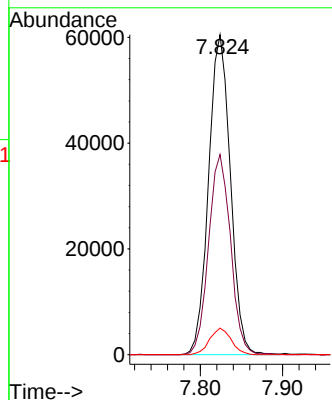
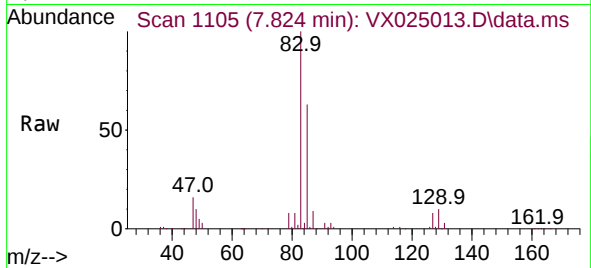




#38
Bromodichloromethane
Concen: 50.750 ug/L
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX025013.D
Acq: 29 Oct 2021 09:39

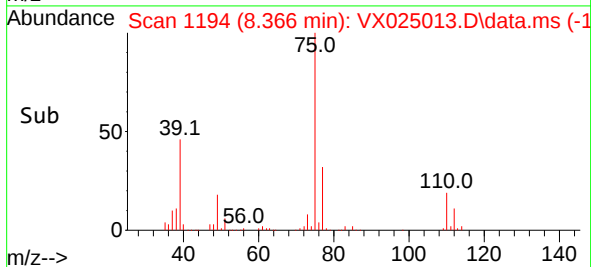
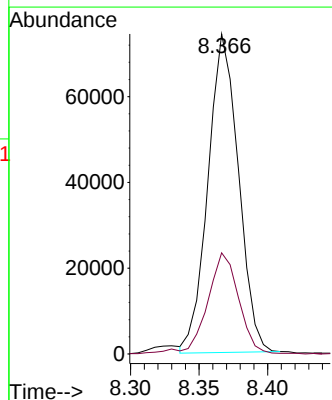
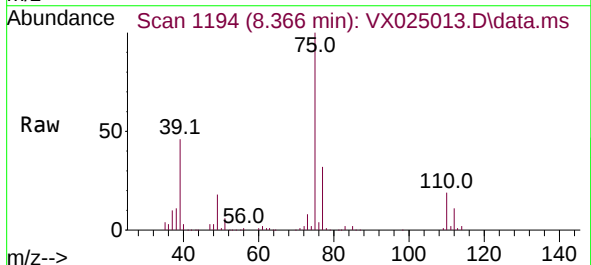
Instrument :
MSVOA_X
ClientSampleId :
VSTD050697

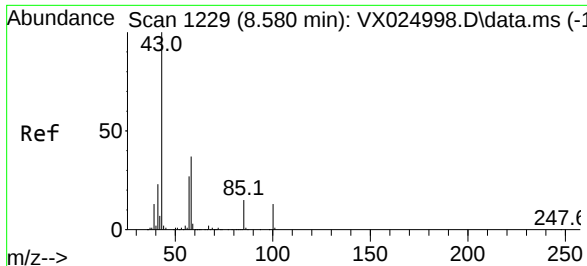
Tgt Ion:	83	Resp:	111441
Ion	Ratio	Lower	Upper
83	100		
85	62.6	46.8	87.0
127	8.3	8.2	12.2



#39
cis-1,3-Dichloropropene
Concen: 49.066 ug/L
RT: 8.366 min Scan# 1194
Delta R.T. -0.006 min
Lab File: VX025013.D
Acq: 29 Oct 2021 09:39

Tgt Ion:	75	Resp:	114614
Ion	Ratio	Lower	Upper
75	100		
77	31.6	23.1	42.9





#40

4-Methyl-2-pentanone

Concen: 93.017 ug/L

RT: 8.574 min Scan# 1228

Delta R.T. -0.006 min

Lab File: VX025013.D

Acq: 29 Oct 2021 09:39

Tgt Ion: 43 Resp: 207622

Ion Ratio Lower Upper

43 100

58 40.9 41.3 61.9#

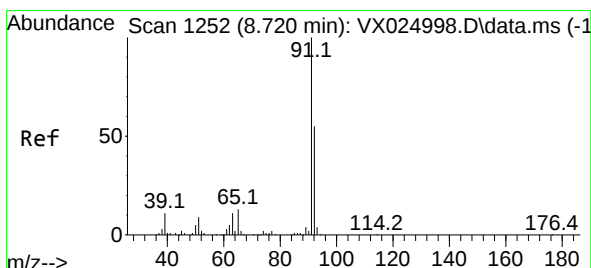
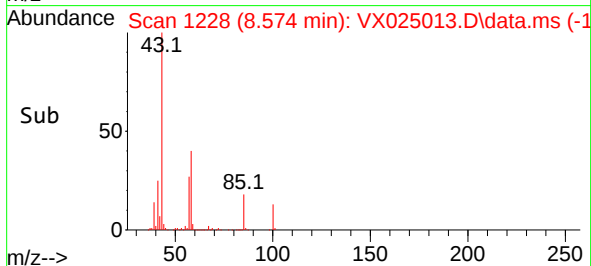
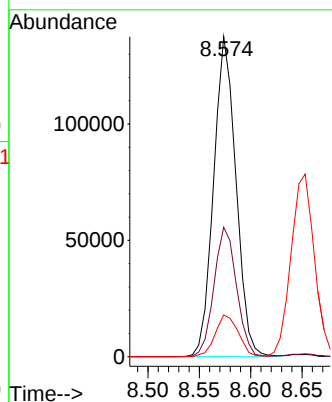
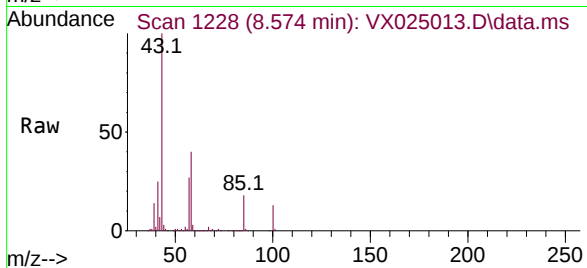
100 13.5 19.6 29.4#

Instrument :

MSVOA_X

ClientSampleId :

VSTD050697



#42

Toluene

Concen: 50.154 ug/L

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX025013.D

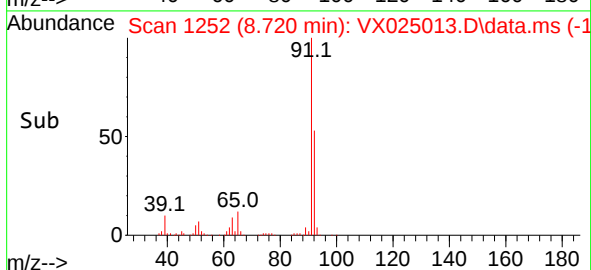
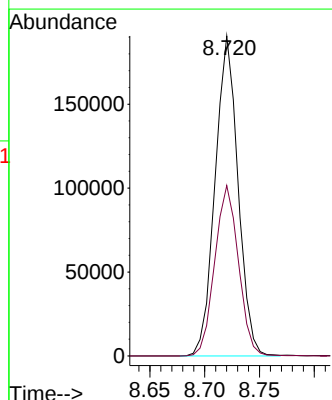
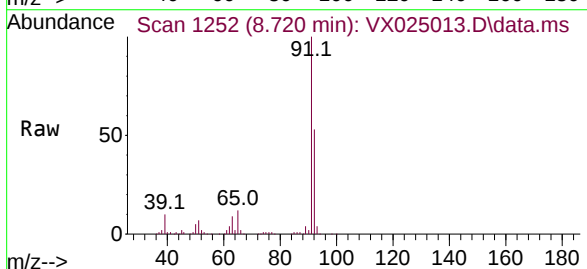
Acq: 29 Oct 2021 09:39

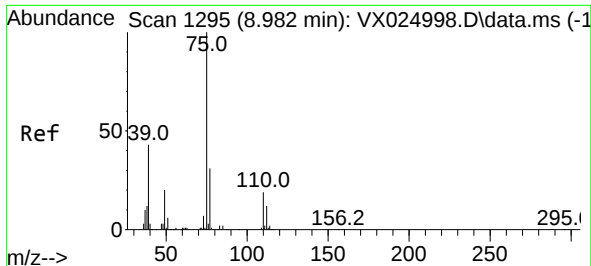
Tgt Ion: 91 Resp: 277276

Ion Ratio Lower Upper

91 100

92 53.3 39.3 72.9

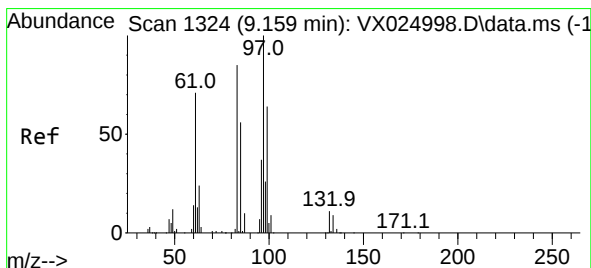
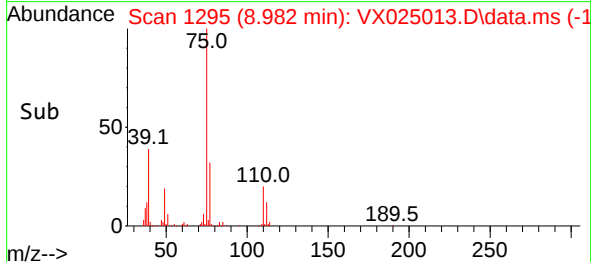
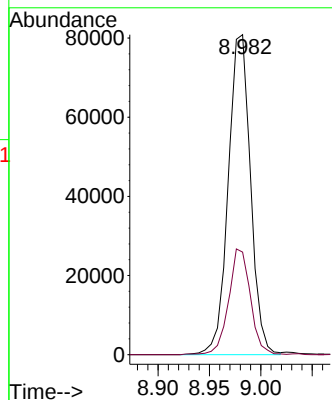
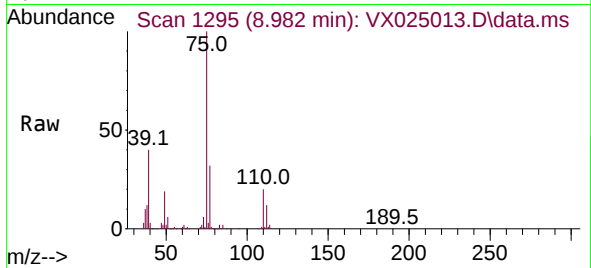




#44
trans-1,3-Dichloropropene
Concen: 50.778 ug/L
RT: 8.982 min Scan# 1295
Delta R.T. 0.000 min
Lab File: VX025013.D
Acq: 29 Oct 2021 09:39

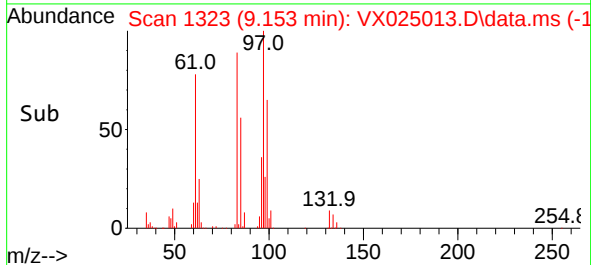
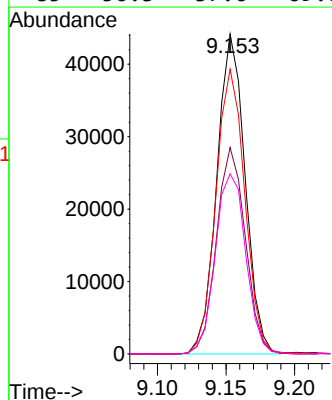
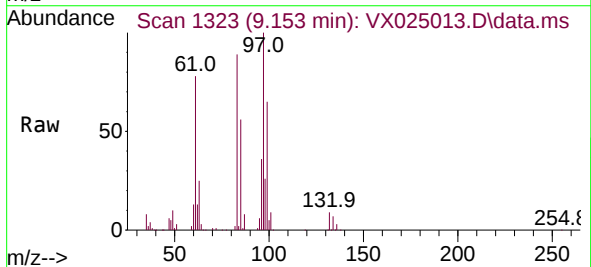
Instrument :
MSVOA_X
ClientSampleId :
VSTD050697

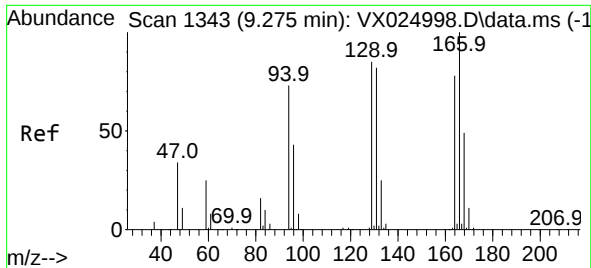
Tgt Ion: 75 Resp: 122127
Ion Ratio Lower Upper
75 100
77 32.1 23.4 43.6



#45
1,1,2-Trichloroethane
Concen: 47.178 ug/L
RT: 9.153 min Scan# 1323
Delta R.T. -0.006 min
Lab File: VX025013.D
Acq: 29 Oct 2021 09:39

Tgt Ion: 97 Resp: 63480
Ion Ratio Lower Upper
97 100
99 64.5 43.5 80.7
83 89.0 58.2 108.0
85 56.3 37.6 69.8

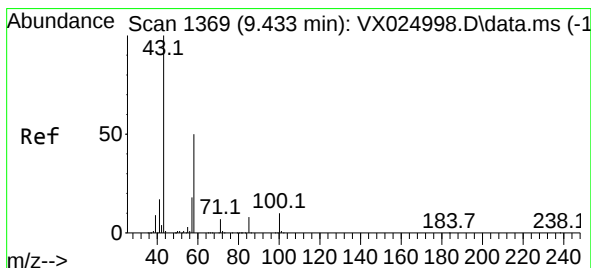
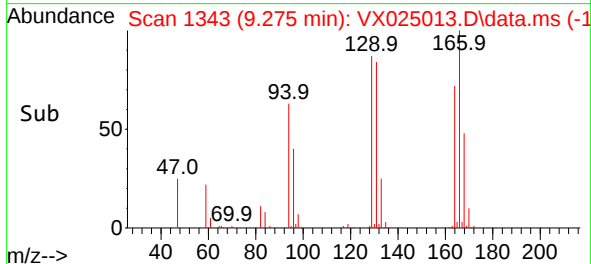
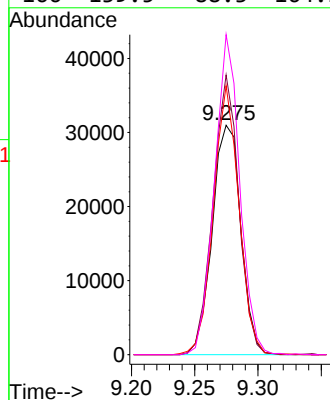
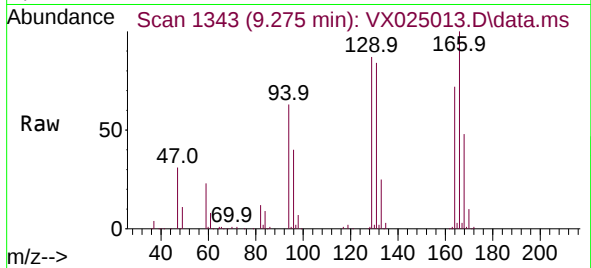




#46
Tetrachloroethene
Concen: 51.206 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX025013.D
Acq: 29 Oct 2021 09:39

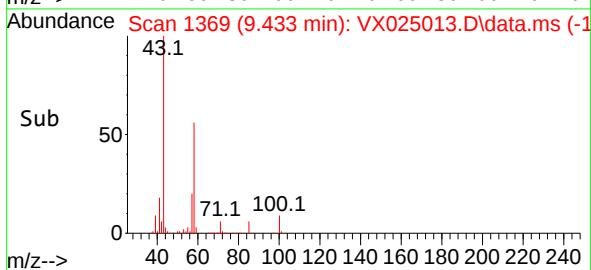
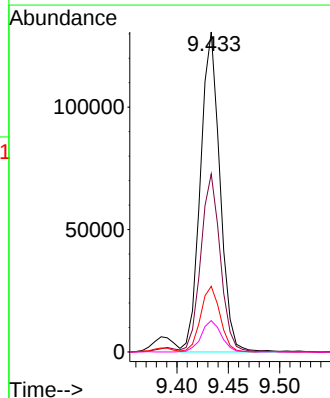
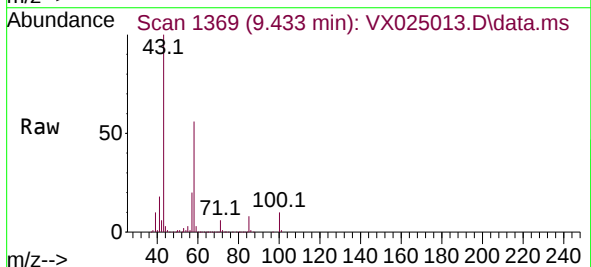
Instrument :
MSVOA_X
ClientSampleId :
VSTD050697

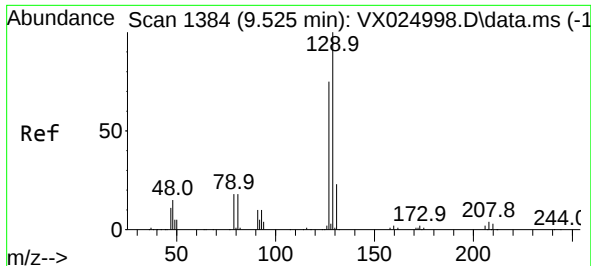
Tgt Ion:164	Resp:	48716
Ion	Ratio	Lower Upper
164	100	
129	121.9	78.5 145.7
131	117.2	70.5 130.9
166	139.5	88.3 164.1



#48
2-Hexanone
Concen: 93.811 ug/L
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX025013.D
Acq: 29 Oct 2021 09:39

Tgt Ion: 43	Resp:	173070
Ion	Ratio	Lower Upper
43	100	
58	55.4	56.0 84.0#
57	20.6	20.4 30.6
100	10.1	15.1 22.7#





#49

Dibromochloromethane

Concen: 52.974 ug/L

RT: 9.525 min Scan# 1384

Delta R.T. 0.000 min

Lab File: VX025013.D

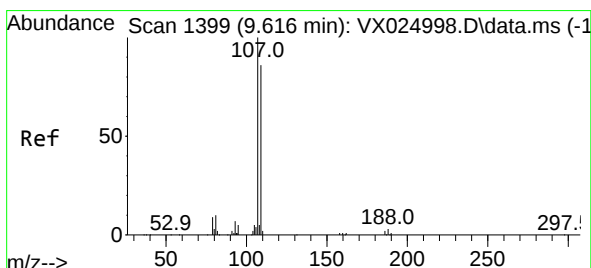
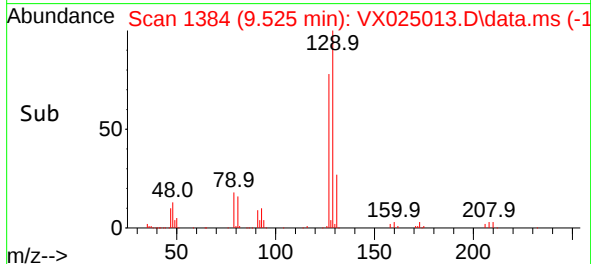
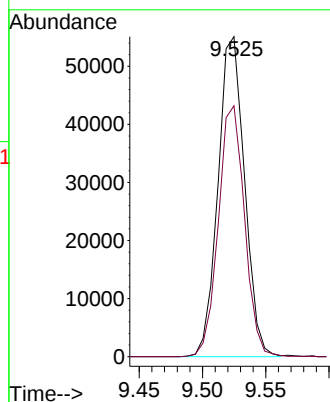
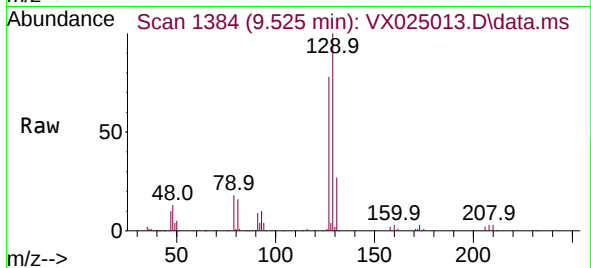
Acq: 29 Oct 2021 09:39

Tgt Ion:129 Resp: 80235

Ion Ratio Lower Upper

129 100

127 78.4 54.1 100.5



#50

1,2-Dibromoethane

Concen: 49.243 ug/L

RT: 9.610 min Scan# 1398

Delta R.T. -0.006 min

Lab File: VX025013.D

Acq: 29 Oct 2021 09:39

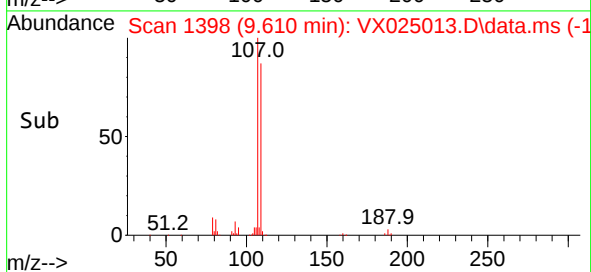
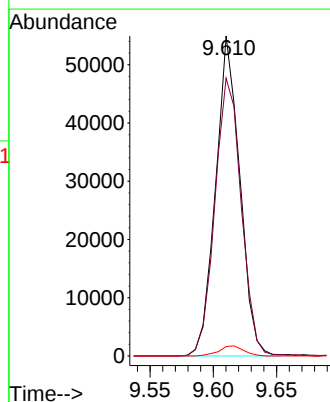
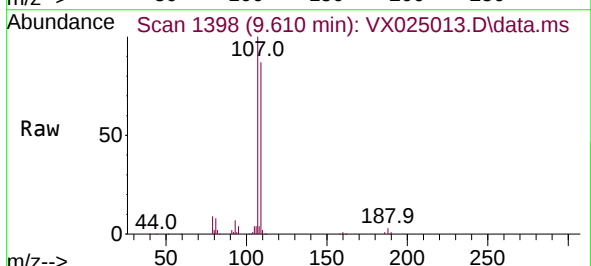
Tgt Ion:107 Resp: 73099

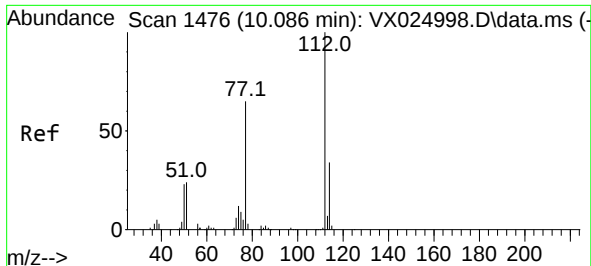
Ion Ratio Lower Upper

107 100

109 86.8 63.8 118.6

188 3.0 2.2 3.2

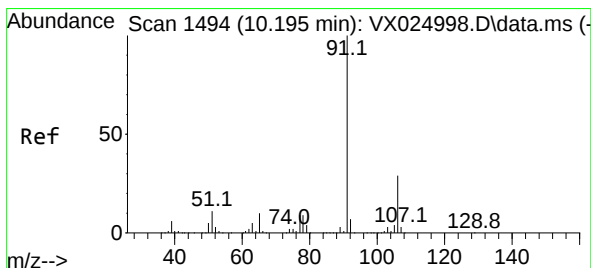
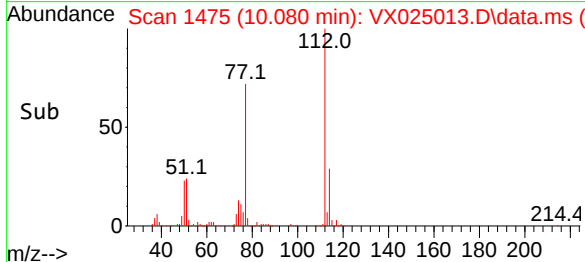
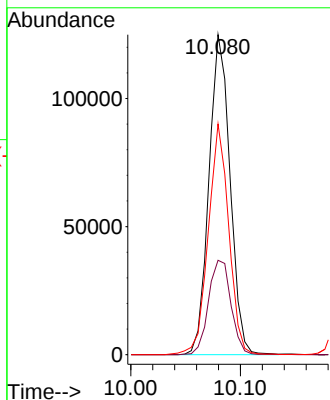
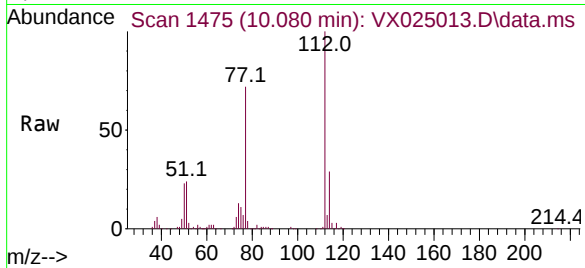




#51
Chlorobenzene
Concen: 50.534 ug/L
RT: 10.080 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VX025013.D
Acq: 29 Oct 2021 09:39

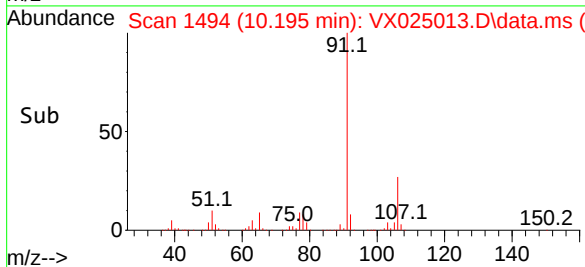
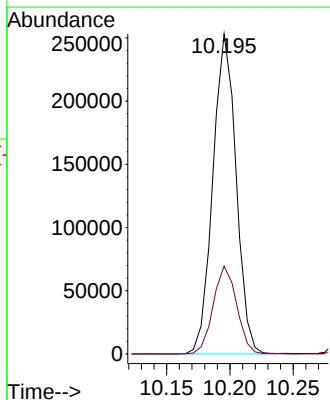
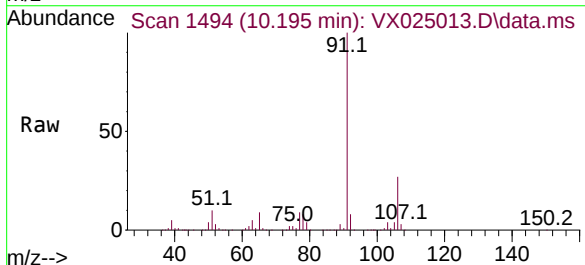
Instrument :
MSVOA_X
ClientSampleId :
VSTD050697

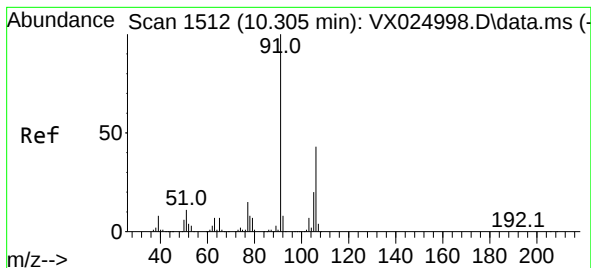
Tgt Ion:112 Resp: 167073
Ion Ratio Lower Upper
112 100
114 29.5 22.7 42.3
77 72.1 46.8 70.2#



#52
Ethylbenzene
Concen: 50.595 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX025013.D
Acq: 29 Oct 2021 09:39

Tgt Ion: 91 Resp: 322787
Ion Ratio Lower Upper
91 100
106 27.4 20.2 37.6

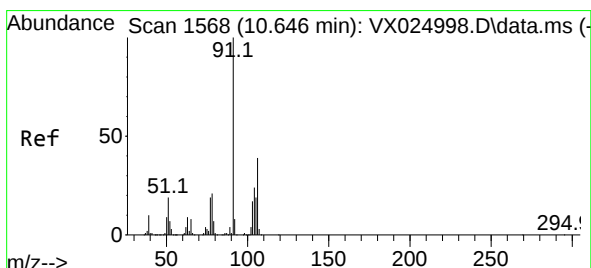
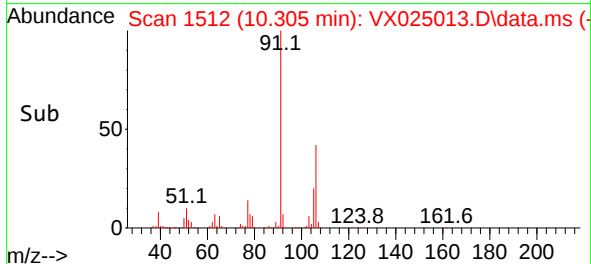
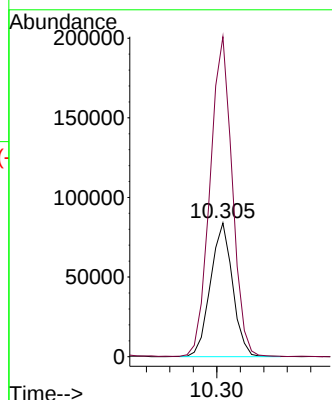
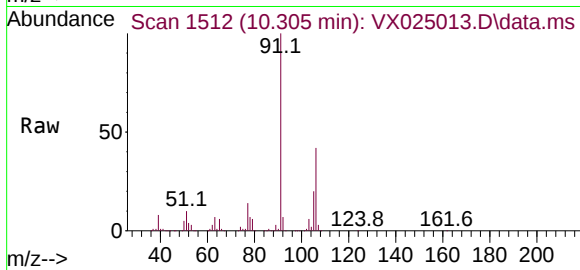




#53
m,p-Xylene
Concen: 50.049 ug/L
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX025013.D
Acq: 29 Oct 2021 09:39

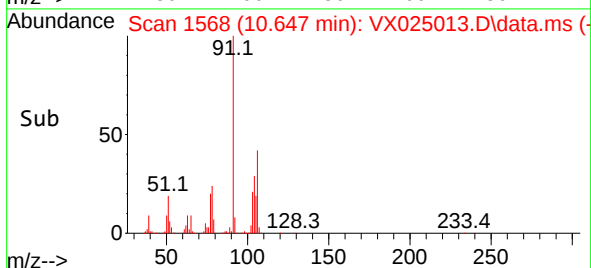
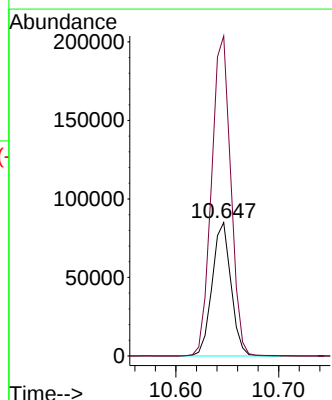
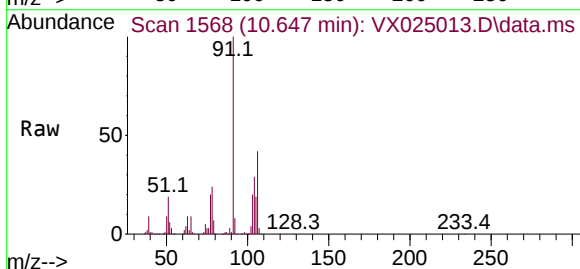
Instrument :
MSVOA_X
ClientSampleId :
VSTD050697

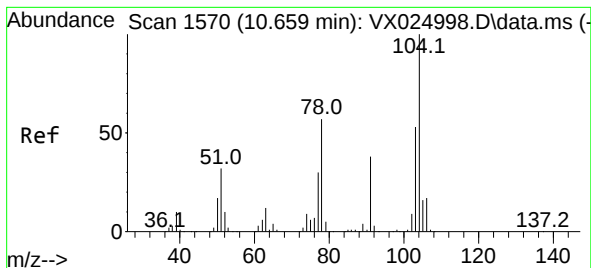
Tgt Ion:106 Resp: 109828
Ion Ratio Lower Upper
106 100
91 239.1 160.2 297.6



#54
o-Xylene
Concen: 50.472 ug/L
RT: 10.647 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX025013.D
Acq: 29 Oct 2021 09:39

Tgt Ion:106 Resp: 108273
Ion Ratio Lower Upper
106 100
91 239.8 164.4 305.4





#55

Styrene

Concen: 51.480 ug/L

RT: 10.659 min Scan# 1570

Delta R.T. 0.000 min

Lab File: VX025013.D

Acq: 29 Oct 2021 09:39

Instrument :

MSVOA_X

ClientSampleId :

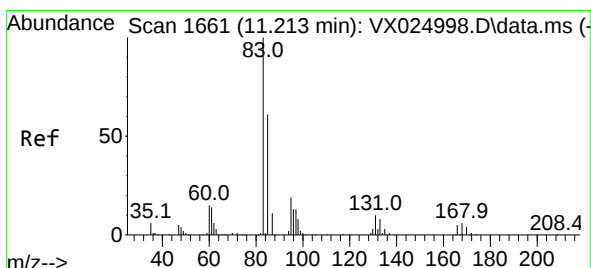
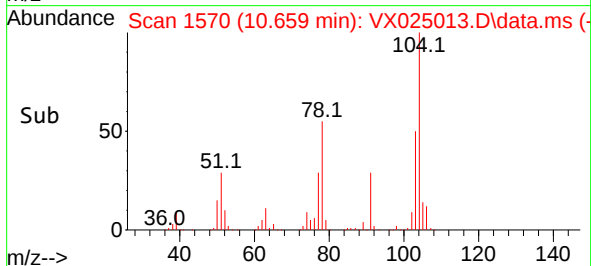
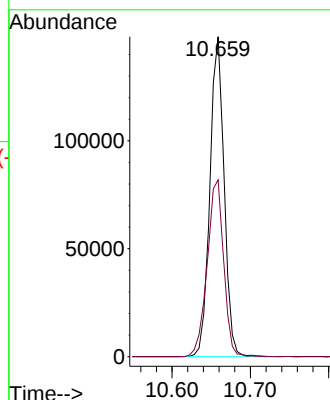
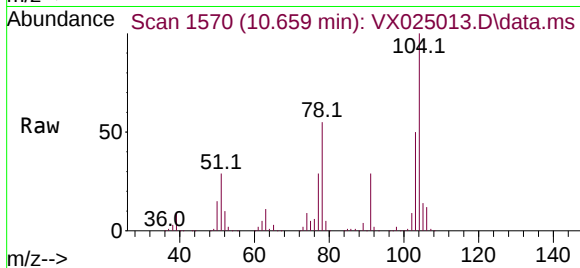
VSTD050697

Tgt Ion:104 Resp: 186783

Ion Ratio Lower Upper

104 100

78 55.2 38.2 71.0



#57

1,1,2,2-Tetrachloroethane

Concen: 48.858 ug/L

RT: 11.214 min Scan# 1661

Delta R.T. 0.001 min

Lab File: VX025013.D

Acq: 29 Oct 2021 09:39

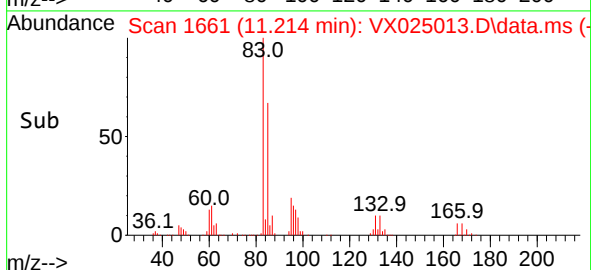
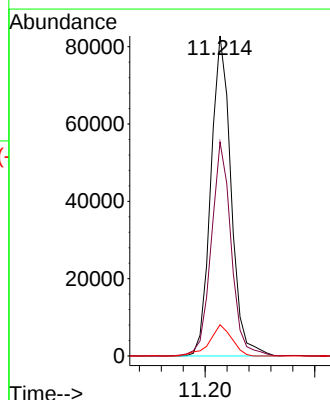
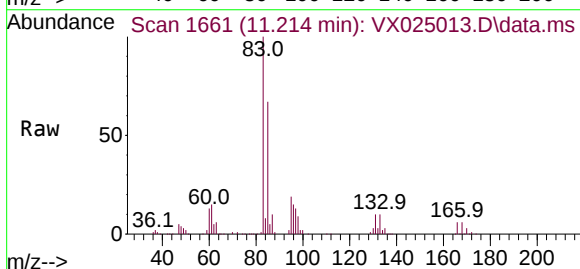
Tgt Ion: 83 Resp: 105791

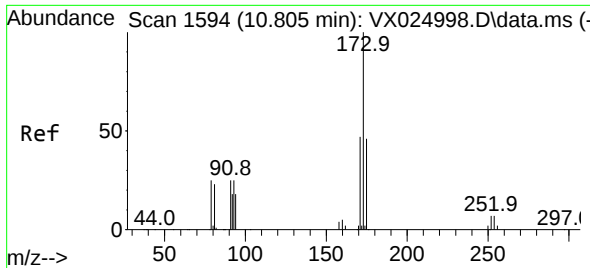
Ion Ratio Lower Upper

83 100

85 66.9 46.9 87.1

131 9.7 8.7 13.1

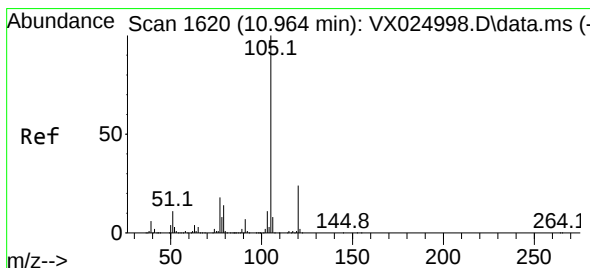
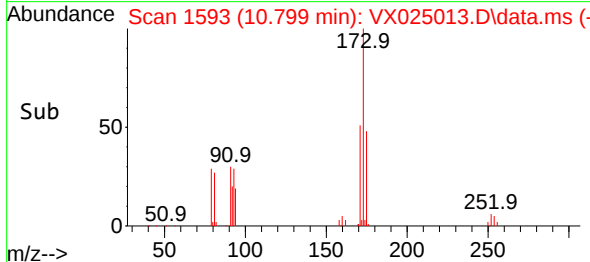
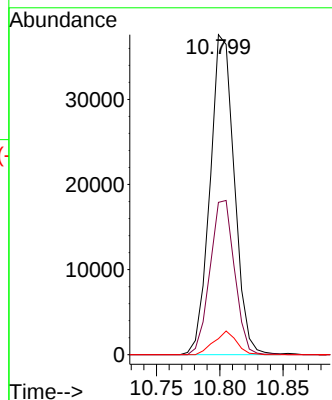
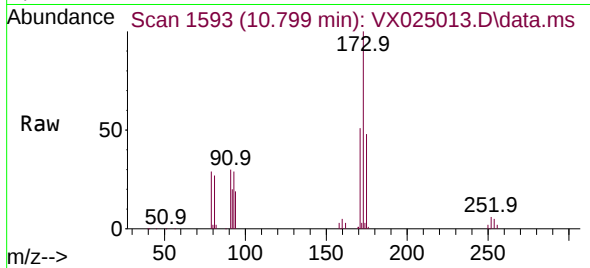




#59
Bromoform
Concen: 49.822 ug/L
RT: 10.799 min Scan# 1593
Delta R.T. -0.006 min
Lab File: VX025013.D
Acq: 29 Oct 2021 09:39

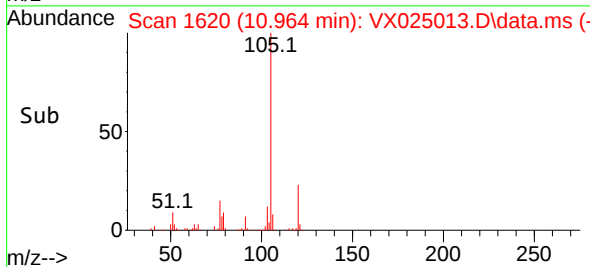
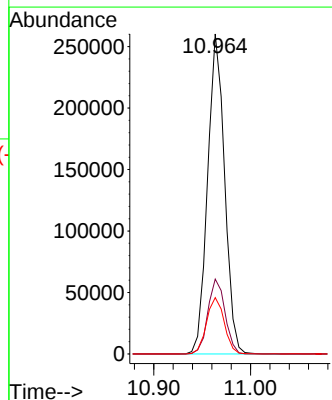
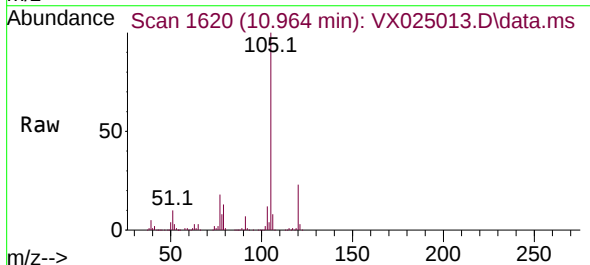
Instrument :
MSVOA_X
ClientSampleId :
VSTD050697

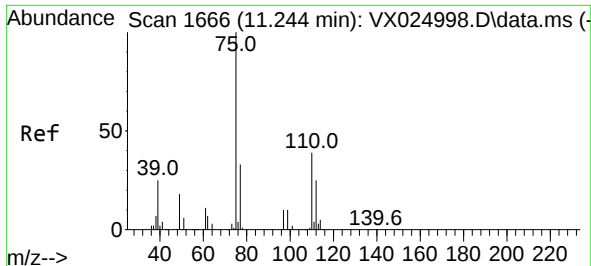
Tgt Ion:173 Resp: 50275
Ion Ratio Lower Upper
173 100
175 48.4 36.6 55.0
254 6.8 4.9 7.3



#60
Isopropylbenzene
Concen: 51.040 ug/L
RT: 10.964 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX025013.D
Acq: 29 Oct 2021 09:39

Tgt Ion:105 Resp: 318709
Ion Ratio Lower Upper
105 100
120 23.6 19.8 29.6
77 18.3 13.2 19.8

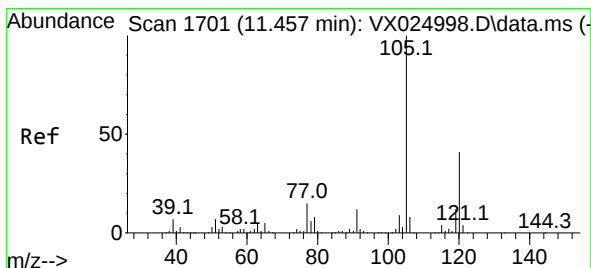
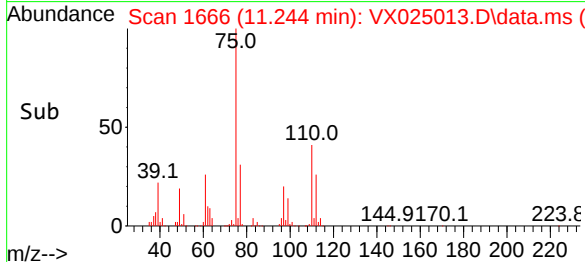
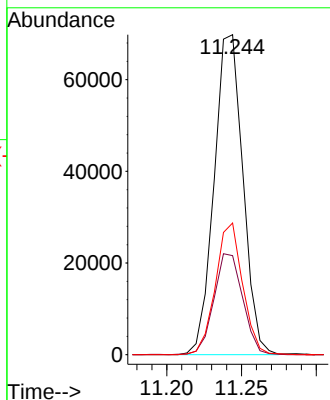
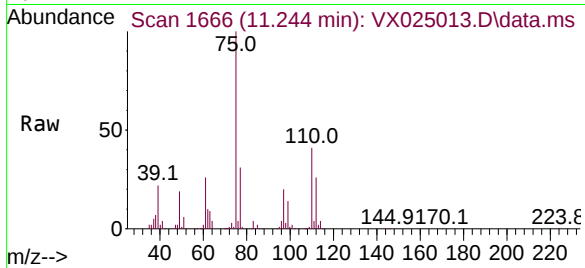




#61
1,2,3-Trichloropropane
Concen: 46.938 ug/L
RT: 11.244 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VX025013.D
Acq: 29 Oct 2021 09:39

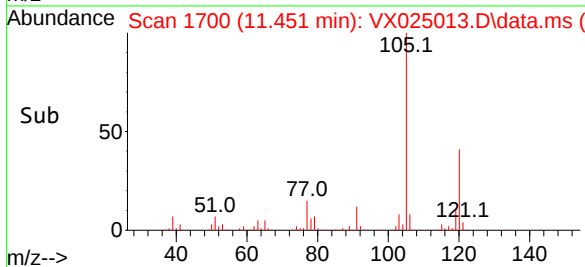
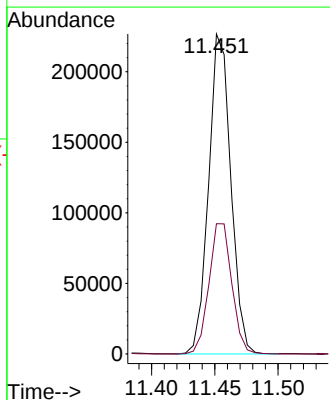
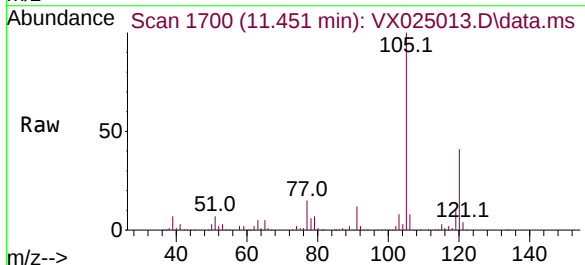
Instrument :
MSVOA_X
ClientSampleId :
VSTD050697

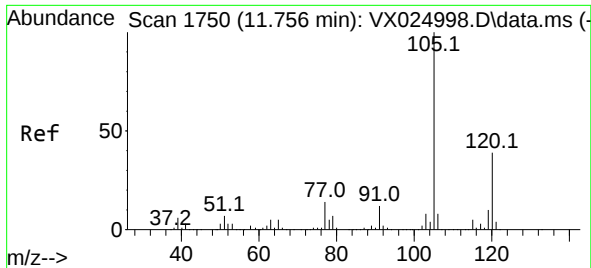
Tgt Ion: 75 Resp: 93664
Ion Ratio Lower Upper
75 100
77 31.6 26.6 39.8
110 38.8 37.2 55.8



#62
1,3,5-Trimethylbenzene
Concen: 51.248 ug/L
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX025013.D
Acq: 29 Oct 2021 09:39

Tgt Ion: 105 Resp: 277151
Ion Ratio Lower Upper
105 100
120 41.9 34.4 51.6

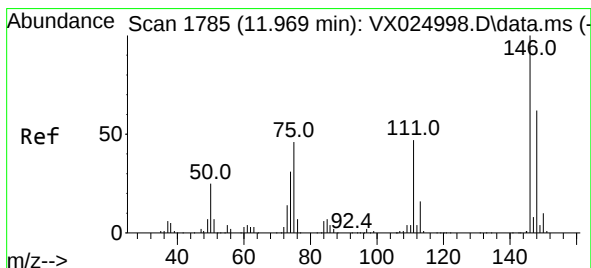
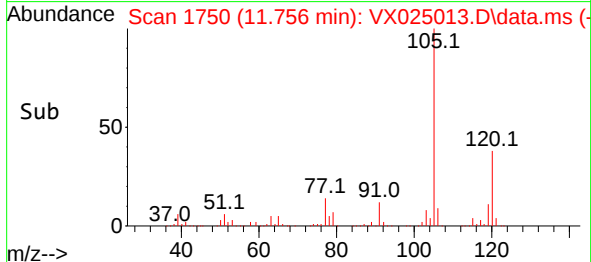
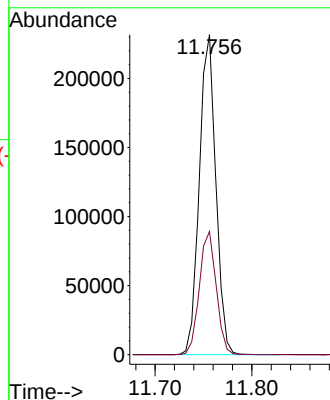
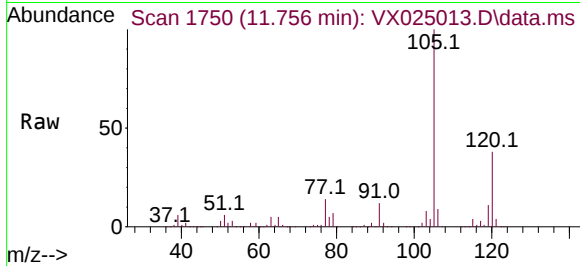




#63
1,2,4-Trimethylbenzene
Concen: 50.833 ug/L
RT: 11.756 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VX025013.D
Acq: 29 Oct 2021 09:39

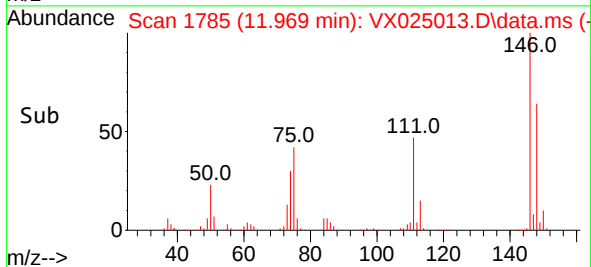
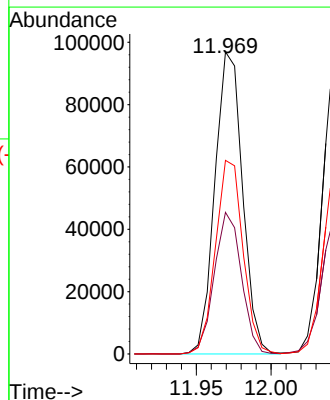
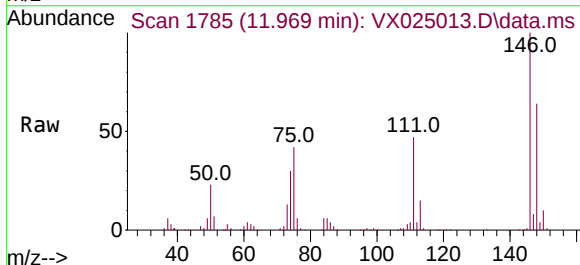
Instrument :
MSVOA_X
ClientSampleId :
VSTD050697

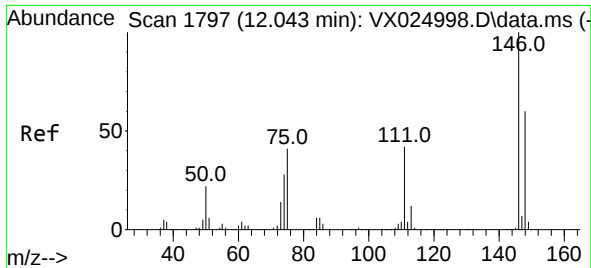
Tgt Ion:105 Resp: 275587
Ion Ratio Lower Upper
105 100
120 39.1 31.0 46.6



#64
1,3-Dichlorobenzene
Concen: 51.307 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX025013.D
Acq: 29 Oct 2021 09:39

Tgt Ion:146 Resp: 124678
Ion Ratio Lower Upper
146 100
111 46.9 31.1 57.9
148 64.1 43.2 80.2

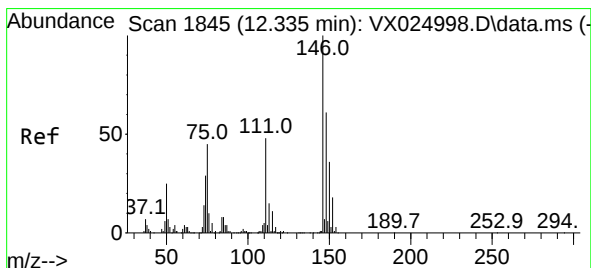
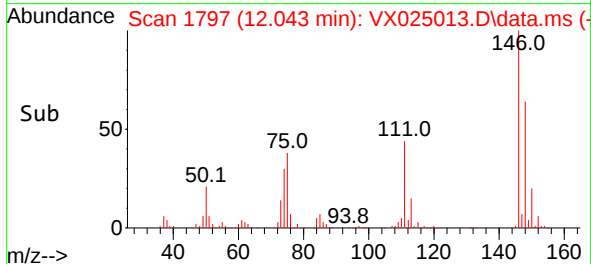
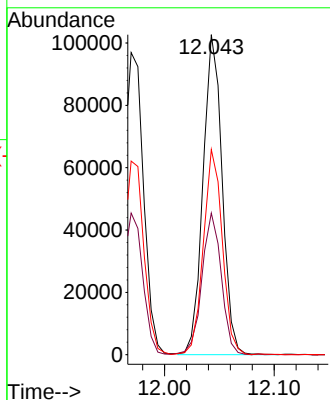
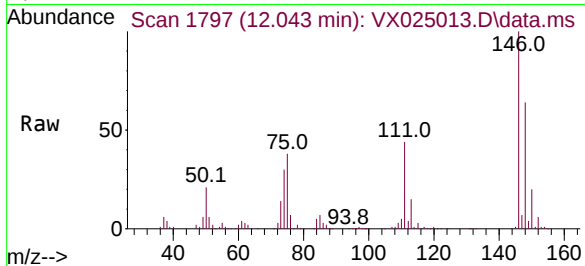




#65
1,4-Dichlorobenzene
Concen: 49.391 ug/L
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX025013.D
Acq: 29 Oct 2021 09:39

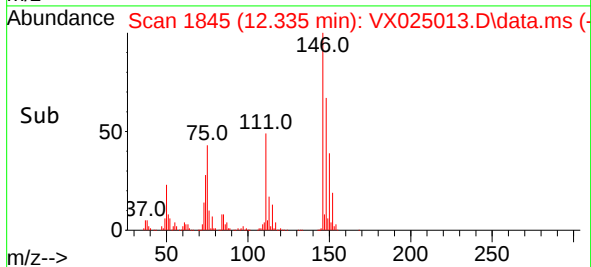
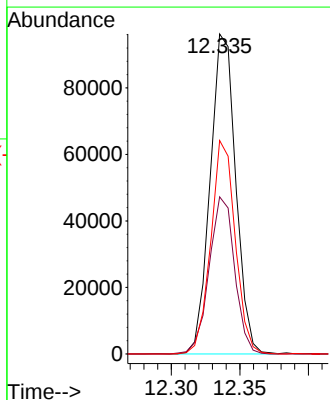
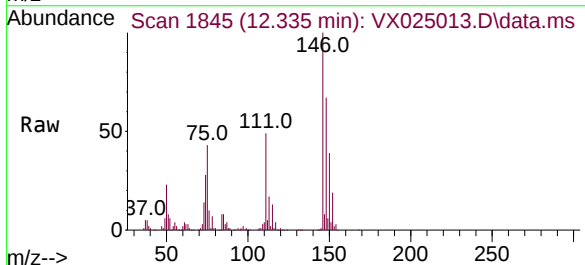
Instrument :
MSVOA_X
ClientSampleId :
VSTD050697

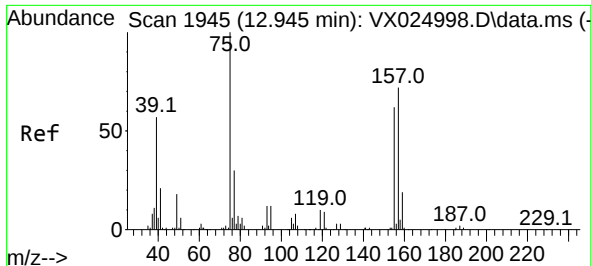
Tgt Ion:146 Resp: 124126
Ion Ratio Lower Upper
146 100
111 44.2 31.8 59.0
148 64.1 46.1 85.5



#67
1,2-Dichlorobenzene
Concen: 50.237 ug/L
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX025013.D
Acq: 29 Oct 2021 09:39

Tgt Ion:146 Resp: 124705
Ion Ratio Lower Upper
146 100
111 49.1 38.5 57.7
148 66.7 53.2 79.8

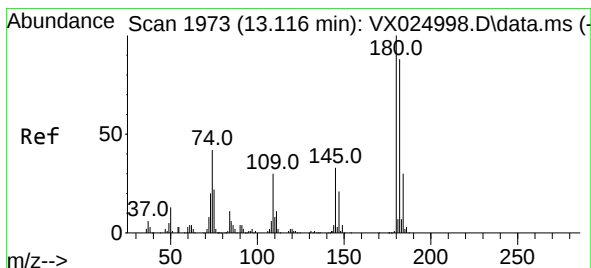
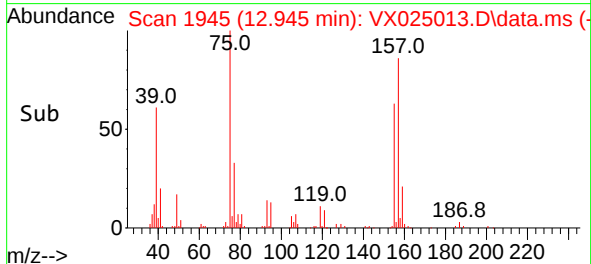
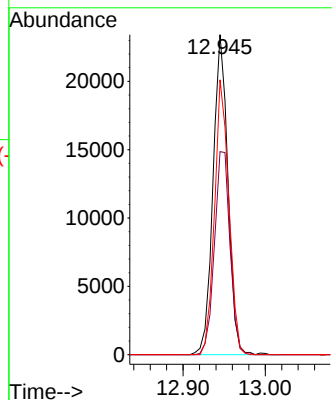
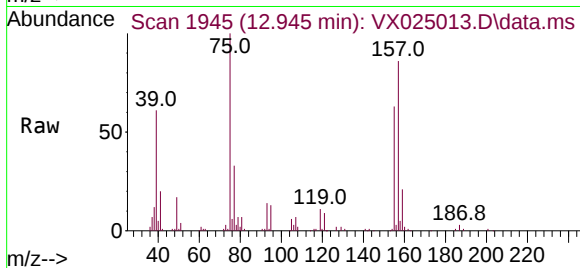




#68
1,2-Dibromo-3-chloropropane
Concen: 45.278 ug/L
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX025013.D
Acq: 29 Oct 2021 09:39

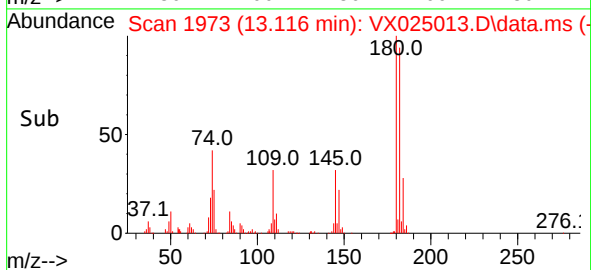
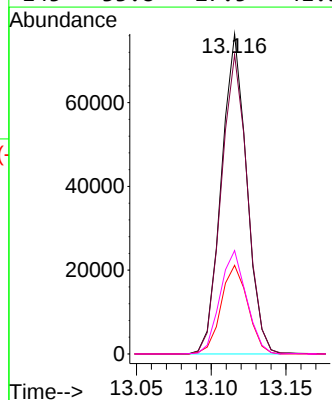
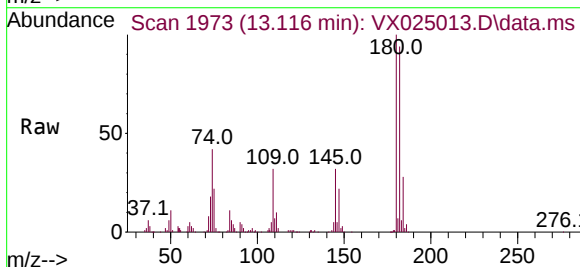
Instrument :
MSVOA_X
ClientSampleId :
VSTD050697

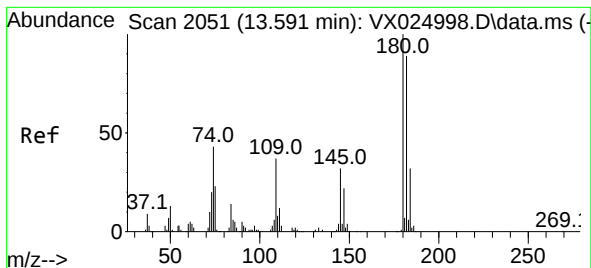
Tgt Ion: 75 Resp: 29464
Ion Ratio Lower Upper
75 100
155 63.4 59.3 88.9
157 85.9 68.7 103.1



#69
1,3,5-Trichlorobenzene
Concen: 51.457 ug/L
RT: 13.116 min Scan# 1973
Delta R.T. 0.000 min
Lab File: VX025013.D
Acq: 29 Oct 2021 09:39

Tgt Ion: 180 Resp: 89807
Ion Ratio Lower Upper
180 100
182 96.7 74.2 111.4
184 29.2 23.7 35.5
145 33.8 27.5 41.3

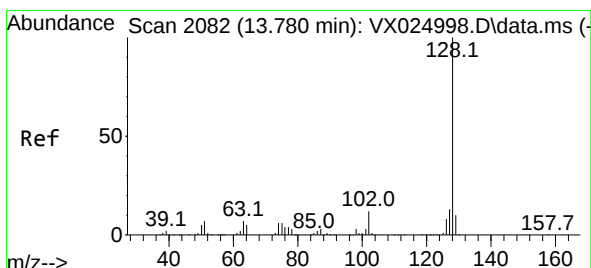
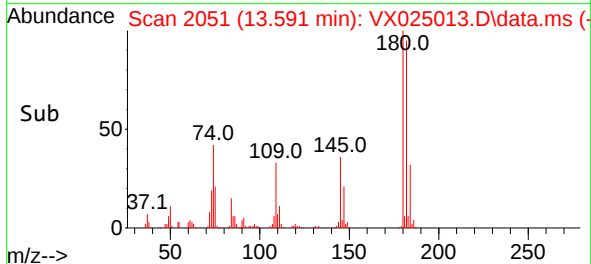
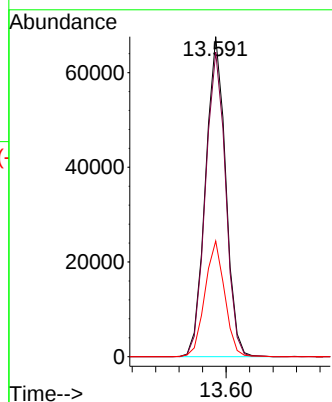
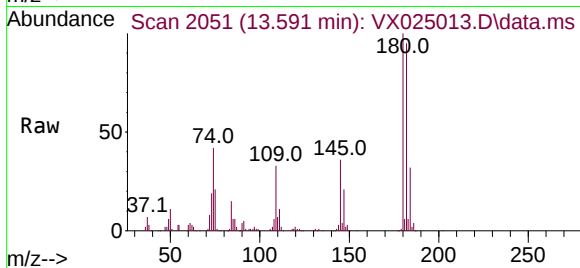




#70
1,2,4-trichlorobenzene
Concen: 54.321 ug/L
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX025013.D
Acq: 29 Oct 2021 09:39

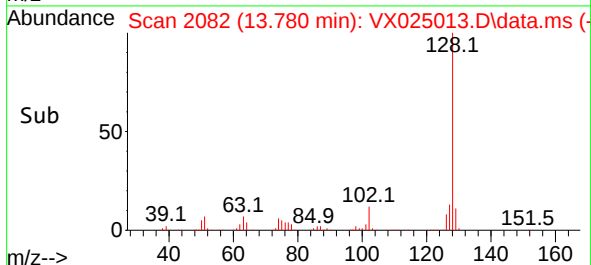
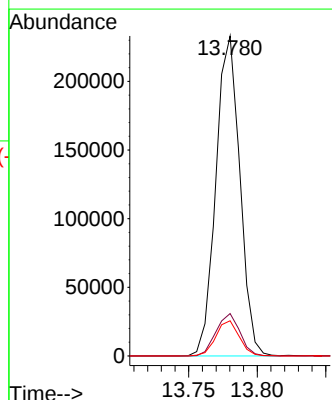
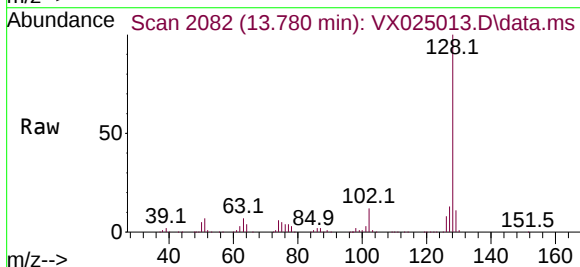
Instrument :
MSVOA_X
ClientSampleId :
VSTD050697

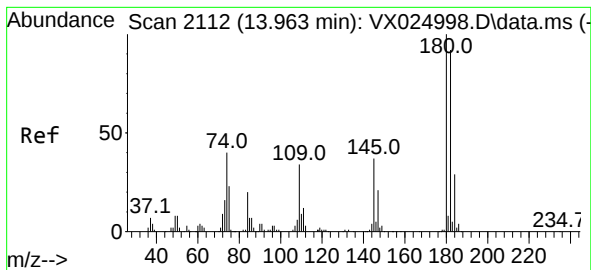
Tgt Ion:180 Resp: 80363
Ion Ratio Lower Upper
180 100
182 94.9 76.4 114.6
145 35.4 28.8 43.2



#71
Naphthalene
Concen: 55.437 ug/L
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX025013.D
Acq: 29 Oct 2021 09:39

Tgt Ion:128 Resp: 283639
Ion Ratio Lower Upper
128 100
127 13.2 10.6 15.8
129 10.7 9.1 13.7





#72
 1,2,3-Trichlorobenzene
 Concen: 52.605 ug/L
 RT: 13.963 min Scan# 2112
 Delta R.T. 0.000 min
 Lab File: VX025013.D
 Acq: 29 Oct 2021 09:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050697

Tgt Ion:180 Resp: 80031
 Ion Ratio Lower Upper
 180 100
 182 95.7 73.3 109.9
 145 36.3 29.0 43.4

