

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102921\
 Data File : VX025027.D
 Acq On : 29 Oct 2021 18:39
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050698

Quant Time: Oct 30 01:08:56 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML102821WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 30 01:06:24 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	166649	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	150820	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	72784	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	36735	34.581	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	69.160%
7) Chloroethane-d5	1.666	69	27296	37.591	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	75.180%
11) 1,1-Dichloroethene-d2	2.313	63	101795	38.888	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.780%
21) 2-Butanone-d5	4.465	46	94268	88.842	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.840%
24) Chloroform-d	5.062	84	121311	43.643	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.280%
26) 1,2-Dichloroethane-d4	5.964	65	85048	41.724	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.440%
32) Benzene-d6	5.983	84	176237	41.169	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.340%
36) 1,2-Dichloropropane-d6	7.312	67	62509	42.848	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.700%
41) Toluene-d8	8.653	98	165690	40.457	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.920%
43) trans-1,3-Dichloroprop...	8.952	79	36761	43.848	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.700%
47) 2-Hexanone-d5	9.391	63	71536	96.310	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.310%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	96434	48.883	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.760%
66) 1,2-Dichlorobenzene-d4	12.323	152	64874	45.934	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.860%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	70781	45.250	ug/L	98
3) Chloromethane	1.288	50	42096	38.702	ug/L	90
5) Vinyl chloride	1.374	62	50375	41.165	ug/L	96
6) Bromomethane	1.612	94	32577	41.376	ug/L	98
8) Chloroethane	1.685	64	29508	47.723	ug/L	95
9) Trichlorofluoromethane	1.886	101	118112	43.478	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	56244	45.644	ug/L	94
12) 1,1-Dichloroethene	2.319	96	48352	46.647	ug/L	75
13) Acetone	2.386	43	70031	69.437	ug/L	94
14) Carbon disulfide	2.514	76	126987	45.197	ug/L	99
15) Methyl Acetate	2.709	43	65204	44.717	ug/L #	79
16) Methylene chloride	2.794	84	56418	48.069	ug/L #	76
17) trans-1,2-Dichloroethene	3.093	96	52455	49.419	ug/L	88
18) Methyl tert-butyl Ether	3.117	73	216153	49.314	ug/L #	90
19) 1,1-Dichloroethane	3.617	63	117566	47.667	ug/L	92
22) 2-Butanone	4.562	43	100840	81.223	ug/L	81
23) Bromochloromethane	4.904	128	31199	52.080	ug/L #	72
25) Chloroform	5.099	83	134462	48.988	ug/L	98
27) 1,2-Dichloroethane	6.099	62	115050	47.412	ug/L	96

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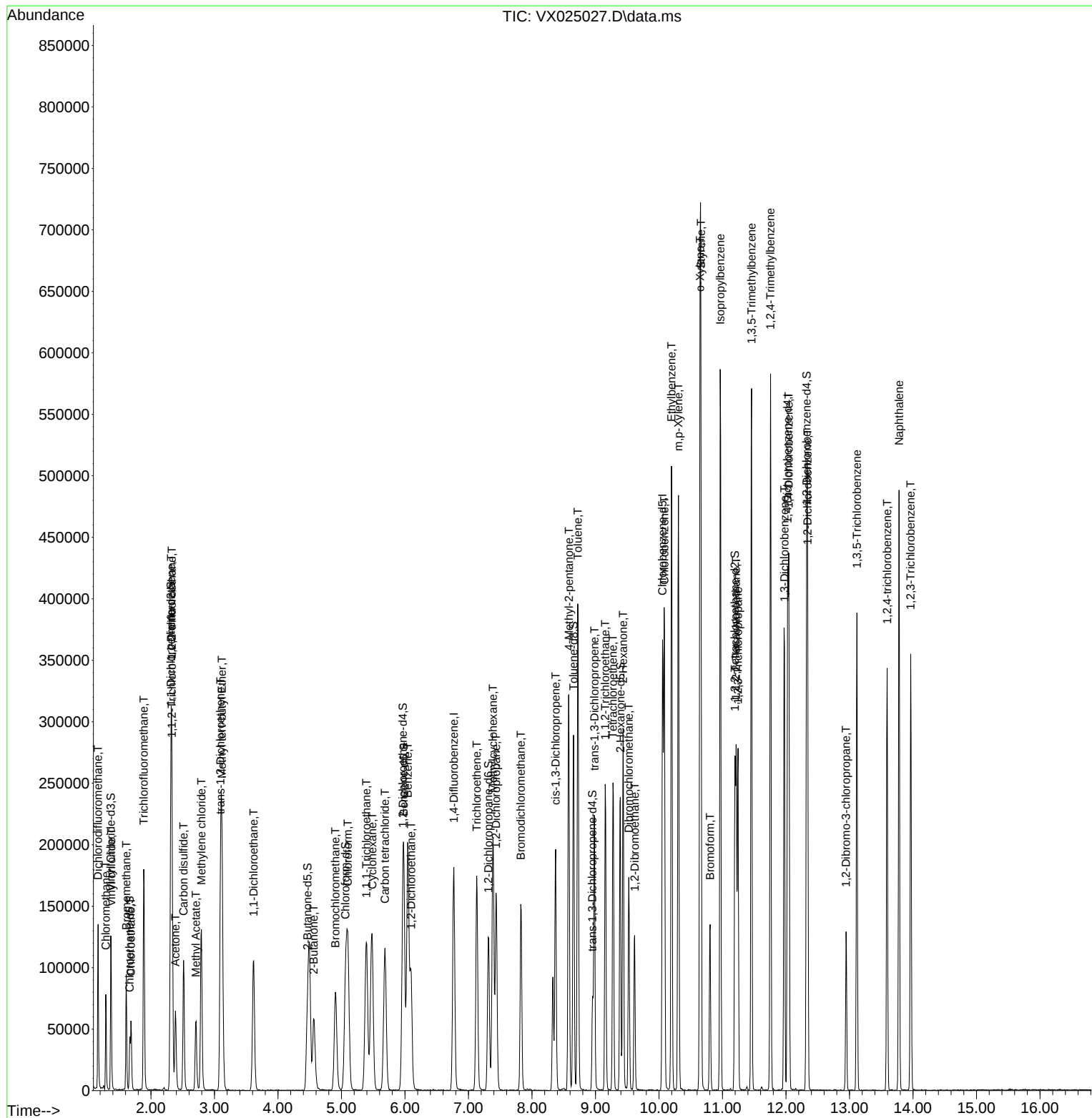
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 Quant Title : VOC Analysis
 QLast Update : Sat Oct 30 01:06:24 2021
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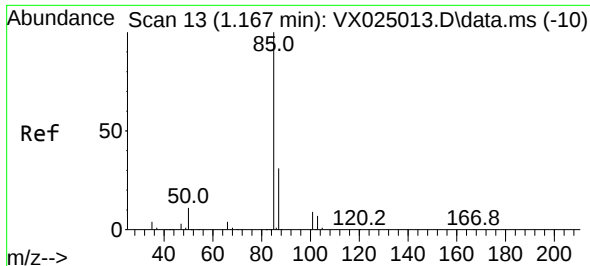
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	5.483	56	92467	45.220	ug/L #	78
30) 1,1,1-Trichloroethane	5.391	97	126228	48.385	ug/L #	94
31) Carbon tetrachloride	5.684	117	111575	50.493	ug/L	99
33) Benzene	6.044	78	229732	49.199	ug/L	100
34) Trichloroethene	7.129	95	67954	48.238	ug/L	96
35) Methylcyclohexane	7.385	83	93197	45.847	ug/L #	88
37) 1,2-Dichloropropane	7.434	63	65336	49.183	ug/L #	96
38) Bromodichloromethane	7.824	83	99222	48.888	ug/L #	94
39) cis-1,3-Dichloropropene	8.373	75	108186	50.109	ug/L	98
40) 4-Methyl-2-pentanone	8.580	43	190643	92.409	ug/L #	83
42) Toluene	8.720	91	251415	49.203	ug/L	97
44) trans-1,3-Dichloropropene	8.982	75	111538	50.175	ug/L	97
45) 1,1,2-Trichloroethane	9.153	97	62641	50.369	ug/L	93
46) Tetrachloroethene	9.275	164	43806	49.818	ug/L	98
48) 2-Hexanone	9.433	43	146877	86.138	ug/L #	87
49) Dibromochloromethane	9.525	129	71983	51.421	ug/L	99
50) 1,2-Dibromoethane	9.616	107	70446	51.344	ug/L	98
51) Chlorobenzene	10.086	112	155975	51.044	ug/L	93
52) Ethylbenzene	10.195	91	291789	49.484	ug/L	97
53) m,p-Xylene	10.305	106	101158	49.875	ug/L	98
54) o-Xylene	10.647	106	99588	50.228	ug/L	91
55) Styrene	10.659	104	172836	51.540	ug/L	97
57) 1,1,2,2-Tetrachloroethane	11.214	83	100488	50.212	ug/L	99
59) Bromoform	10.805	173	47662	53.164	ug/L #	95
60) Isopropylbenzene	10.964	105	289361	52.159	ug/L	99
61) 1,2,3-Trichloropropane	11.244	75	89775	50.638	ug/L	94
62) 1,3,5-Trimethylbenzene	11.457	105	252359	52.523	ug/L	97
63) 1,2,4-Trimethylbenzene	11.756	105	250528	52.013	ug/L	99
64) 1,3-Dichlorobenzene	11.976	146	112583	52.147	ug/L	98
65) 1,4-Dichlorobenzene	12.043	146	114457	51.262	ug/L	97
67) 1,2-Dichlorobenzene	12.341	146	114409	51.876	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.945	75	27865	48.197	ug/L	92
69) 1,3,5-Trichlorobenzene	13.116	180	80643	52.008	ug/L	98
70) 1,2,4-trichlorobenzene	13.591	180	69884	53.169	ug/L	95
71) Naphthalene	13.780	128	270513	59.510	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	74510	55.126	ug/L	97

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

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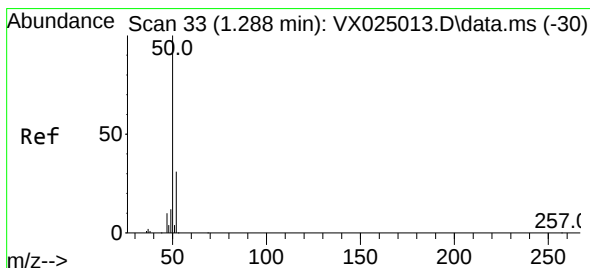
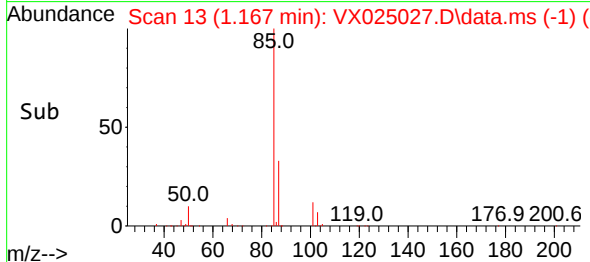
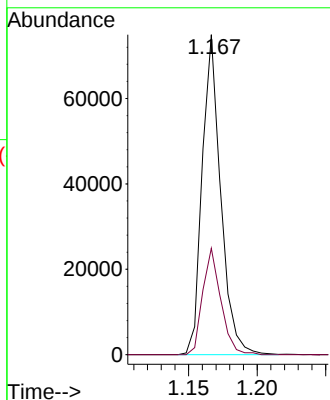
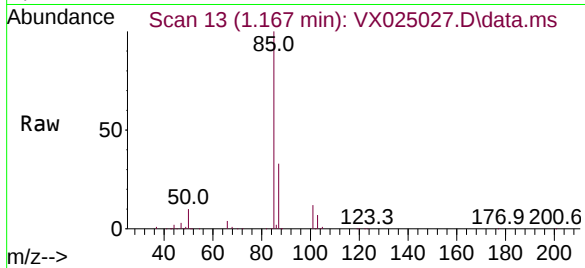




#2
 Dichlorodifluoromethane
 Concen: 45.250 ug/L
 RT: 1.167 min Scan# 13
 Delta R.T. 0.000 min
 Lab File: VX025027.D
 Acq: 29 Oct 2021 18:39

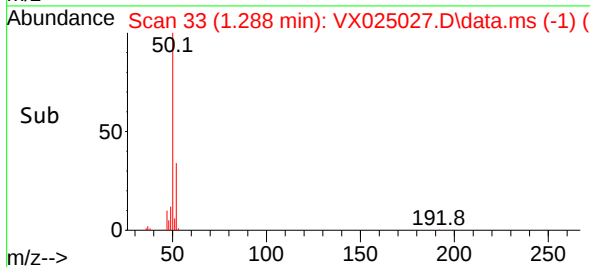
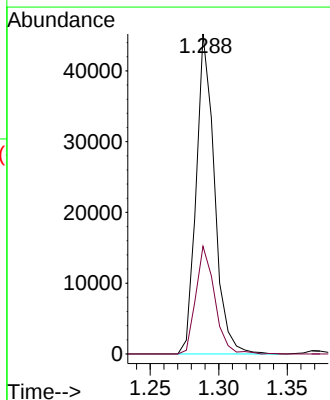
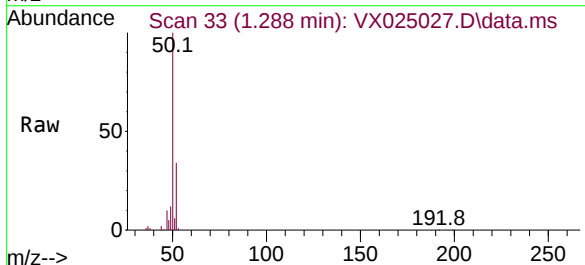
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050698

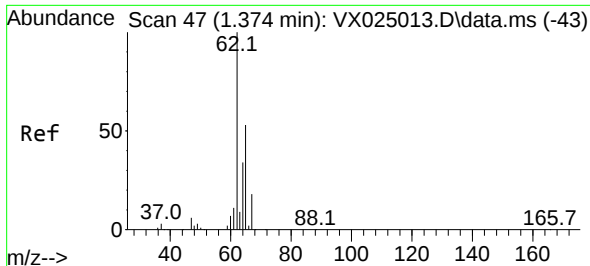
Tgt Ion: 85 Resp: 70781
 Ion Ratio Lower Upper
 85 100
 87 32.5 25.3 37.9



#3
 Chloromethane
 Concen: 38.702 ug/L
 RT: 1.288 min Scan# 33
 Delta R.T. 0.000 min
 Lab File: VX025027.D
 Acq: 29 Oct 2021 18:39

Tgt Ion: 50 Resp: 42096
 Ion Ratio Lower Upper
 50 100
 52 33.6 28.0 52.0

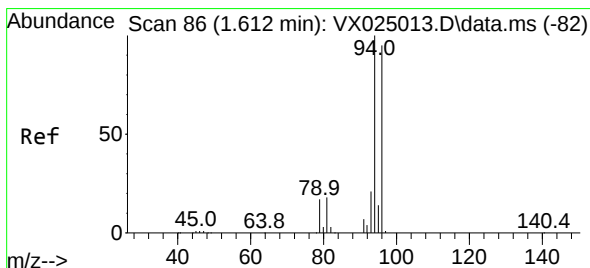
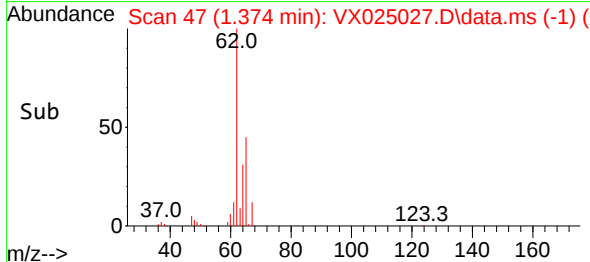
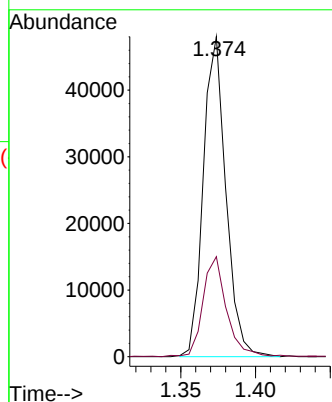
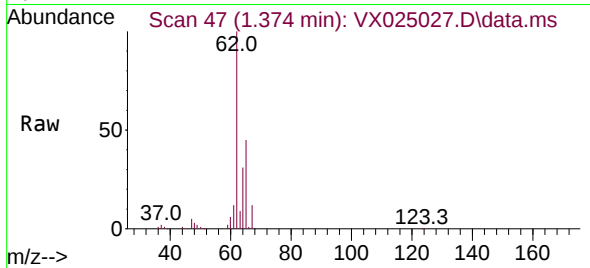




#5
 Vinyl chloride
 Concen: 41.165 ug/L
 RT: 1.374 min Scan# 47
 Delta R.T. 0.000 min
 Lab File: VX025027.D
 Acq: 29 Oct 2021 18:39

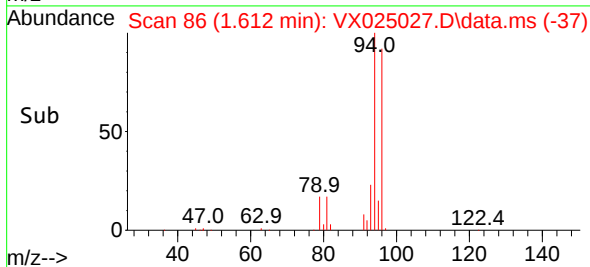
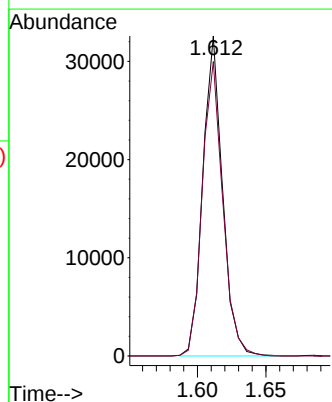
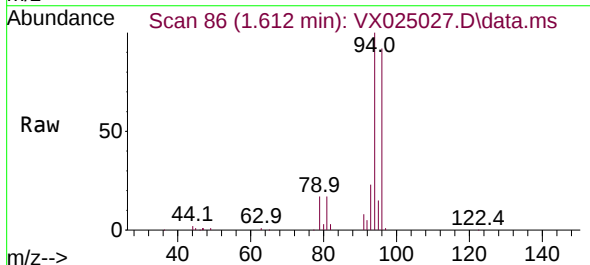
Instrument :
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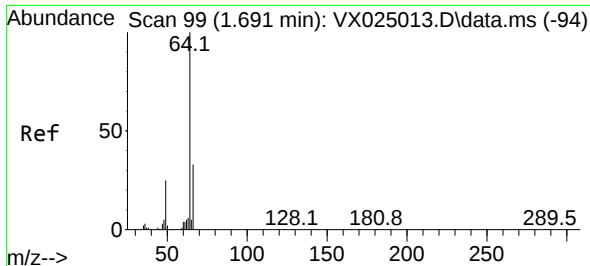
Tgt Ion: 62 Resp: 50375
 Ion Ratio Lower Upper
 62 100
 64 31.2 23.6 43.8



#6
 Bromomethane
 Concen: 41.376 ug/L
 RT: 1.612 min Scan# 86
 Delta R.T. 0.000 min
 Lab File: VX025027.D
 Acq: 29 Oct 2021 18:39

Tgt Ion: 94 Resp: 32577
 Ion Ratio Lower Upper
 94 100
 96 92.0 62.9 116.9

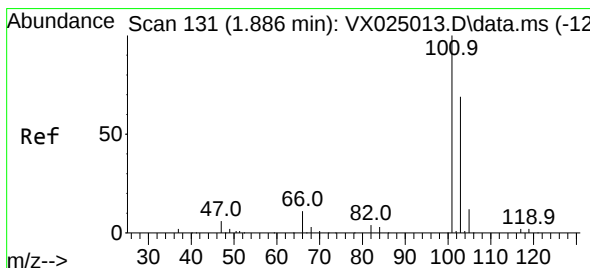
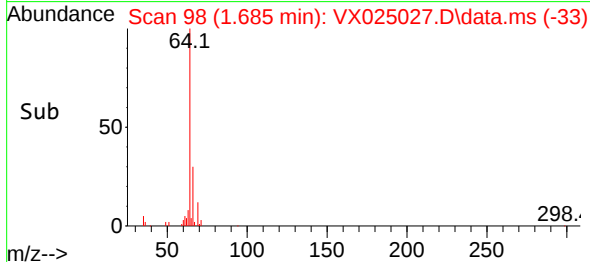
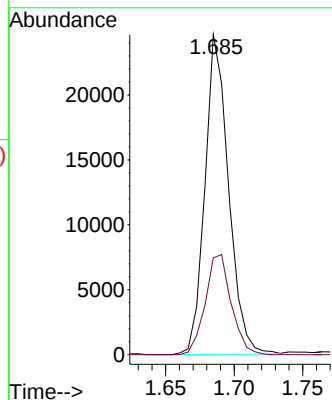
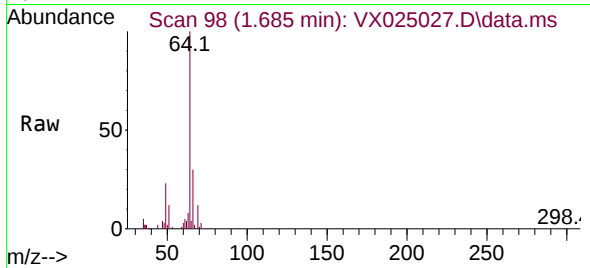




#8
Chloroethane
Concen: 47.723 ug/L
RT: 1.685 min Scan# 98
Delta R.T. -0.006 min
Lab File: VX025027.D
Acq: 29 Oct 2021 18:39

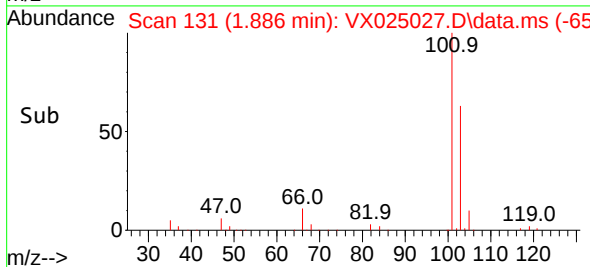
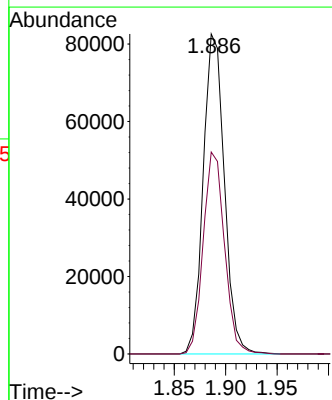
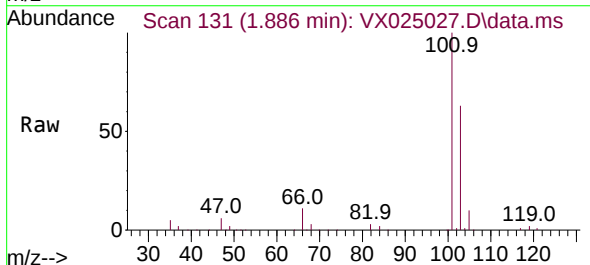
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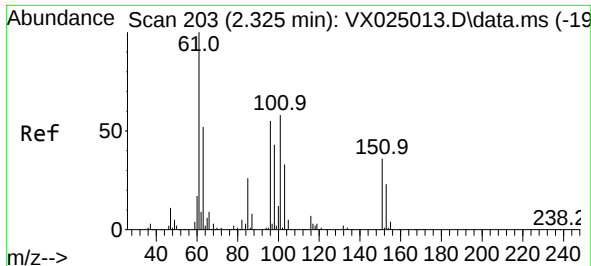
Tgt Ion: 64 Resp: 29508
Ion Ratio Lower Upper
64 100
66 30.3 23.3 43.3



#9
Trichlorofluoromethane
Concen: 43.478 ug/L
RT: 1.886 min Scan# 131
Delta R.T. 0.000 min
Lab File: VX025027.D
Acq: 29 Oct 2021 18:39

Tgt Ion:101 Resp: 118112
Ion Ratio Lower Upper
101 100
103 63.6 51.4 77.0

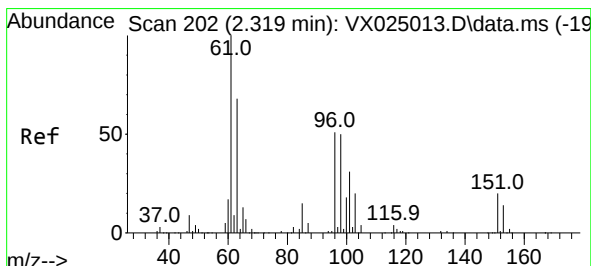
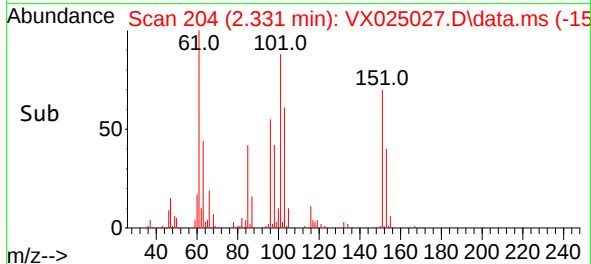
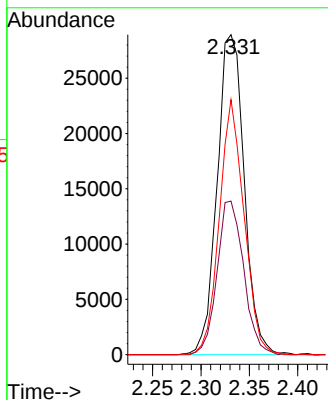
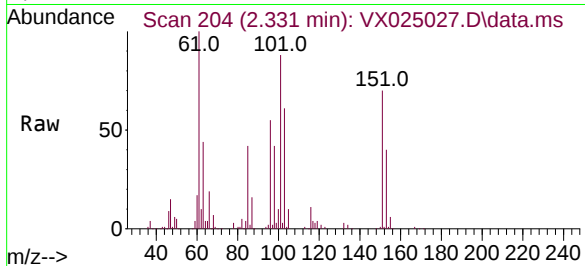




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 45.644 ug/L
RT: 2.331 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX025027.D
Acq: 29 Oct 2021 18:39

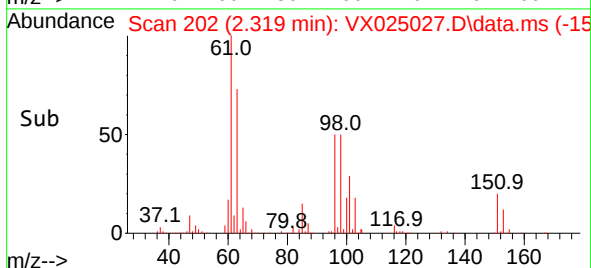
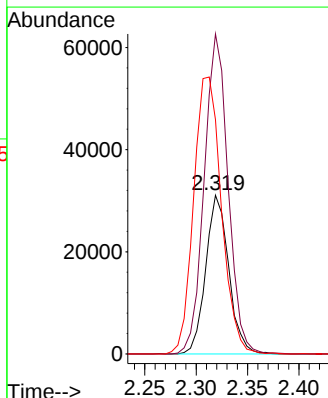
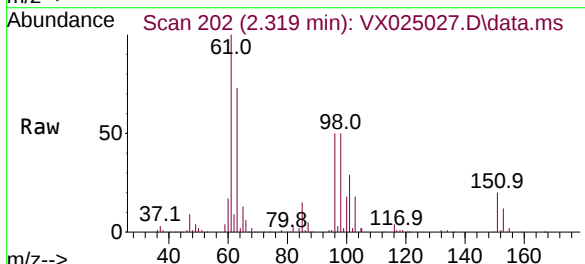
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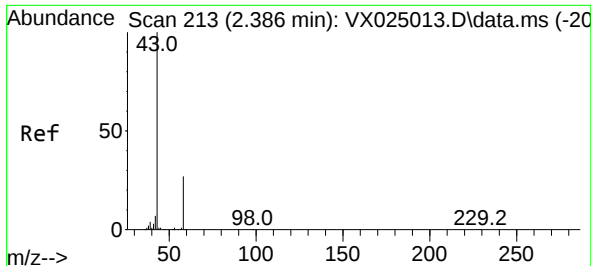
Tgt Ion:101 Resp: 56244
Ion Ratio Lower Upper
101 100
85 47.2 35.3 52.9
151 72.7 62.3 93.5



#12
1,1-Dichloroethene
Concen: 46.647 ug/L
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX025027.D
Acq: 29 Oct 2021 18:39

Tgt Ion: 96 Resp: 48352
Ion Ratio Lower Upper
96 100
61 201.6 109.9 204.1
63 147.6 92.4 171.6

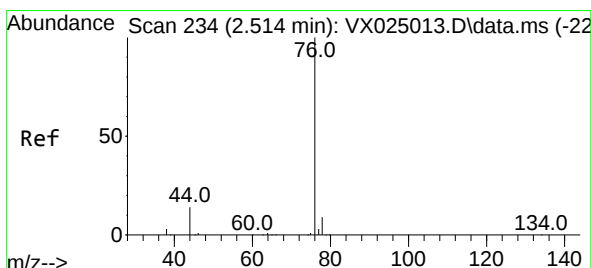
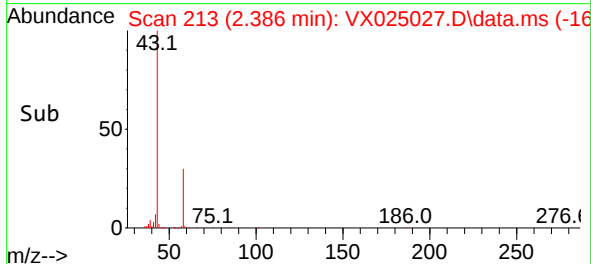
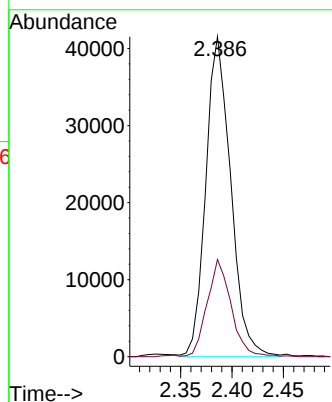
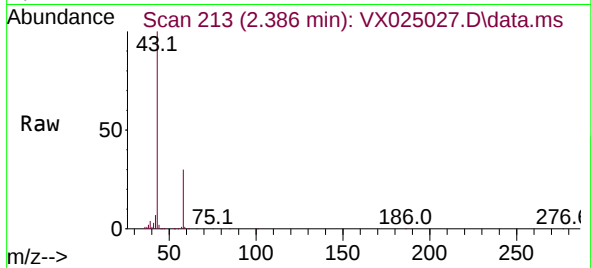




#13
Acetone
Concen: 69.437 ug/L
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX025027.D
Acq: 29 Oct 2021 18:39

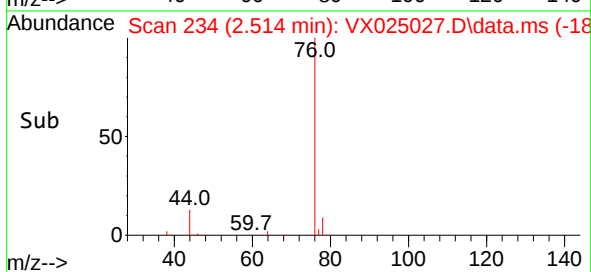
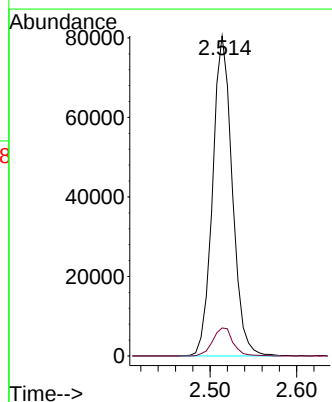
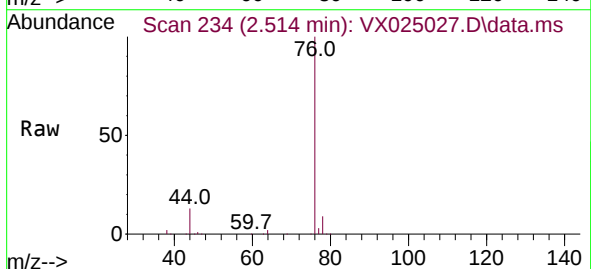
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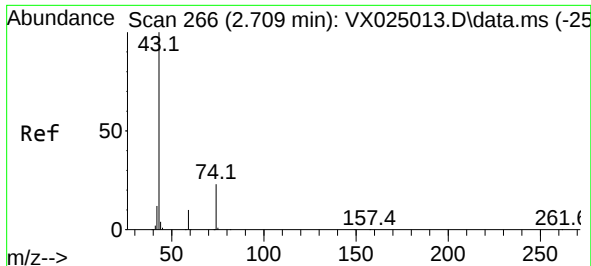
Tgt Ion: 43 Resp: 70031
Ion Ratio Lower Upper
43 100
58 29.1 0.0 64.8



#14
Carbon disulfide
Concen: 45.197 ug/L
RT: 2.514 min Scan# 234
Delta R.T. 0.000 min
Lab File: VX025027.D
Acq: 29 Oct 2021 18:39

Tgt Ion: 76 Resp: 126987
Ion Ratio Lower Upper
76 100
78 8.8 7.2 10.8

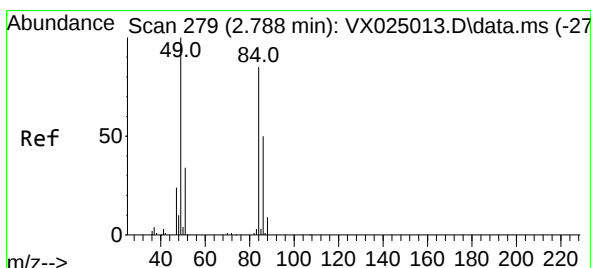
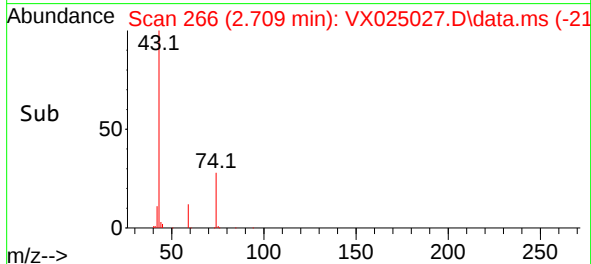
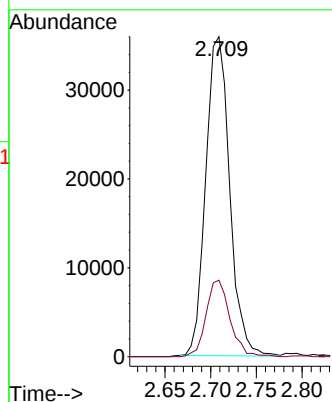
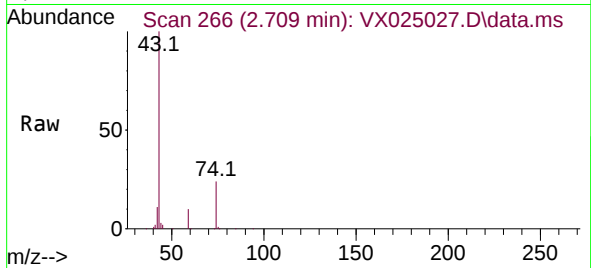




#15
Methyl Acetate
Concen: 44.717 ug/L
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX025027.D
Acq: 29 Oct 2021 18:39

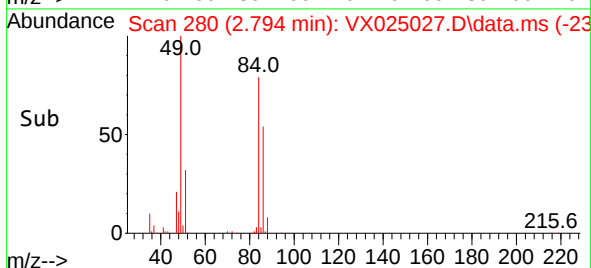
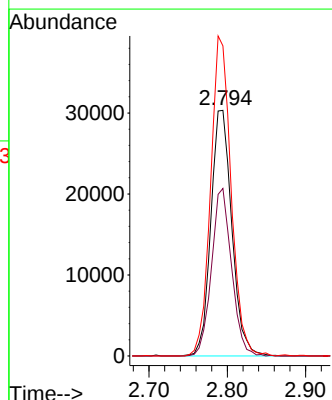
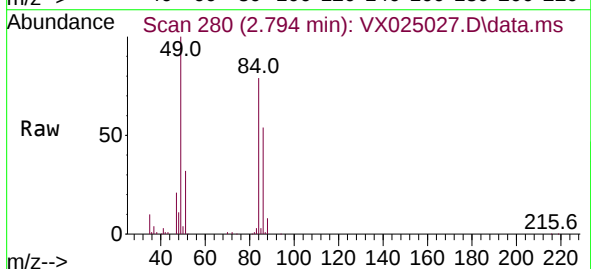
Instrument :
MSVOA_X
ClientSampleId :
VSTD050698

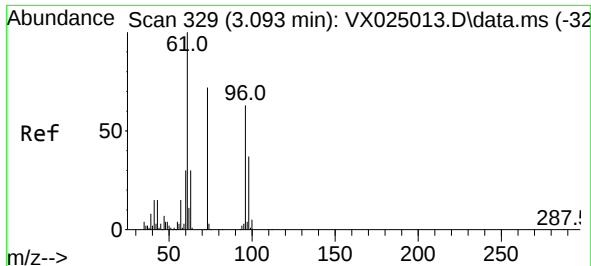
Tgt Ion: 43 Resp: 65204
Ion Ratio Lower Upper
43 100
74 23.4 28.6 42.8#



#16
Methylene chloride
Concen: 48.069 ug/L
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX025027.D
Acq: 29 Oct 2021 18:39

Tgt Ion: 84 Resp: 56418
Ion Ratio Lower Upper
84 100
86 68.2 44.4 82.5
49 126.2 64.0 118.8#

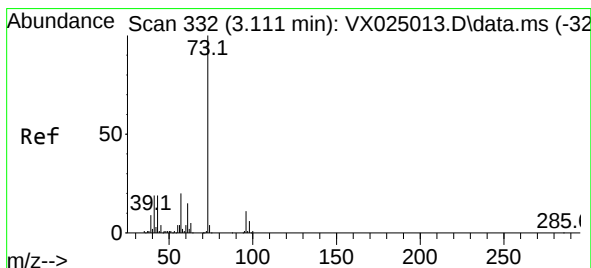
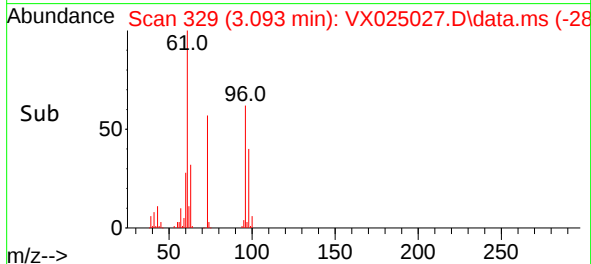
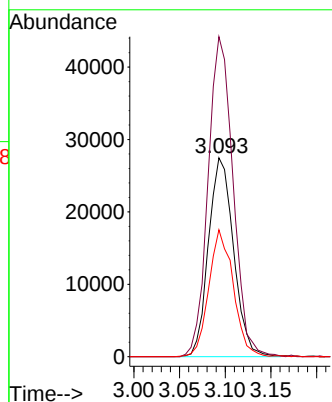
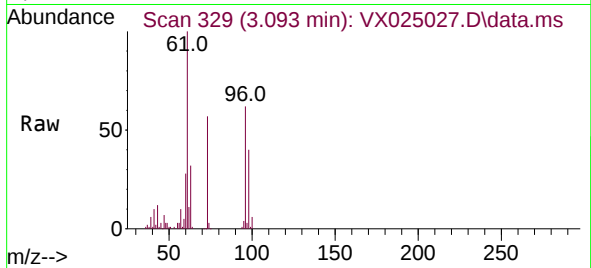




#17
trans-1,2-Dichloroethene
Concen: 49.419 ug/L
RT: 3.093 min Scan# 329
Delta R.T. 0.000 min
Lab File: VX025027.D
Acq: 29 Oct 2021 18:39

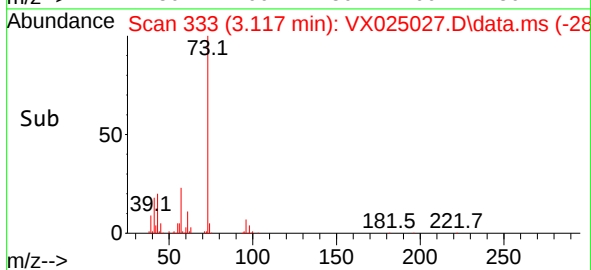
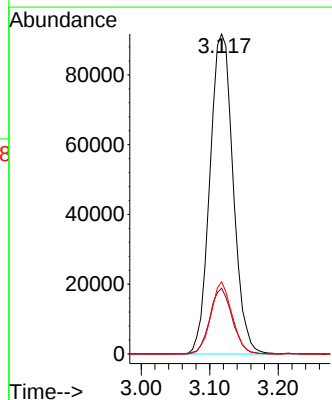
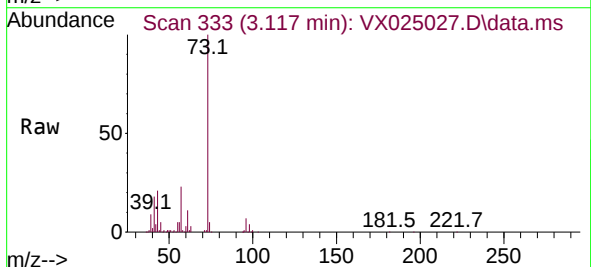
Instrument :
MSVOA_X
ClientSampleId :
VSTD050698

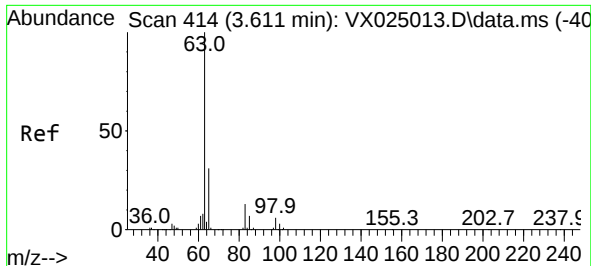
Tgt Ion: 96 Resp: 52455
Ion Ratio Lower Upper
96 100
61 160.9 99.4 184.6
98 63.8 47.0 87.2



#18
Methyl tert-butyl Ether
Concen: 49.314 ug/L
RT: 3.117 min Scan# 333
Delta R.T. 0.006 min
Lab File: VX025027.D
Acq: 29 Oct 2021 18:39

Tgt Ion: 73 Resp: 216153
Ion Ratio Lower Upper
73 100
43 19.8 12.4 18.6#
57 20.6 13.2 19.8#





#19

1,1-Dichloroethane

Concen: 47.667 ug/L

RT: 3.617 min Scan# 415

Delta R.T. 0.006 min

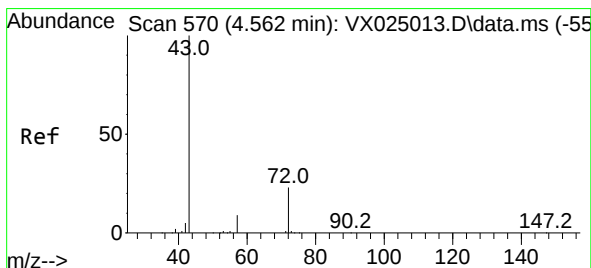
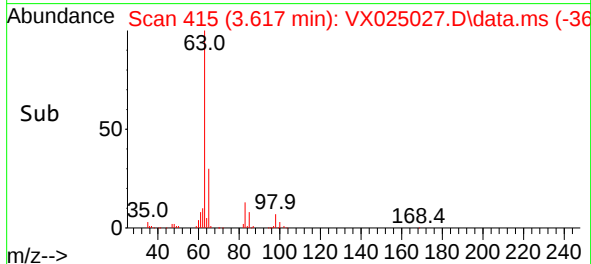
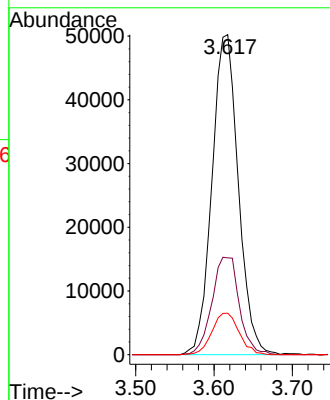
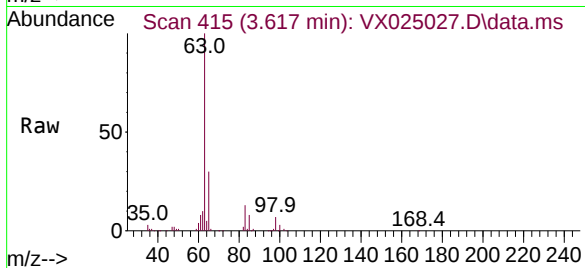
Lab File: VX025027.D

Acq: 29 Oct 2021 18:39

Tgt Ion: 63 Resp: 117566

Ion	Ratio	Lower	Upper
63	100		
65	30.2	24.5	45.5
83	13.0	11.7	21.7

Instrument :
MSVOA_X
ClientSampleId :
VSTD050698



#22

2-Butanone

Concen: 81.223 ug/L

RT: 4.562 min Scan# 570

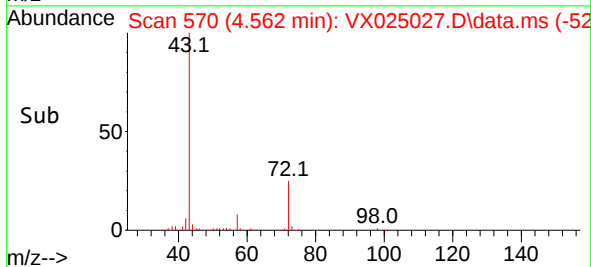
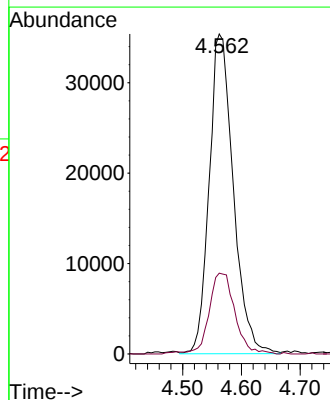
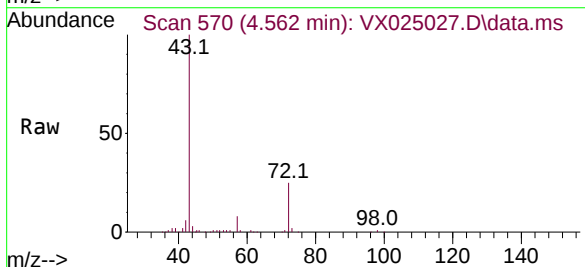
Delta R.T. 0.000 min

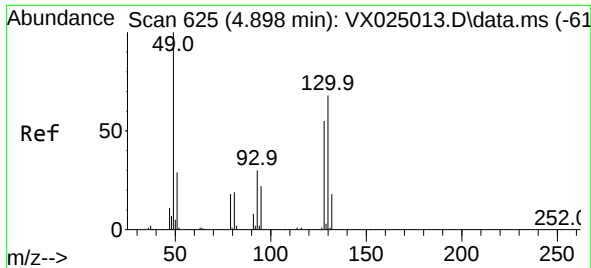
Lab File: VX025027.D

Acq: 29 Oct 2021 18:39

Tgt Ion: 43 Resp: 100840

Ion	Ratio	Lower	Upper
43	100		
72	25.3	18.4	55.0

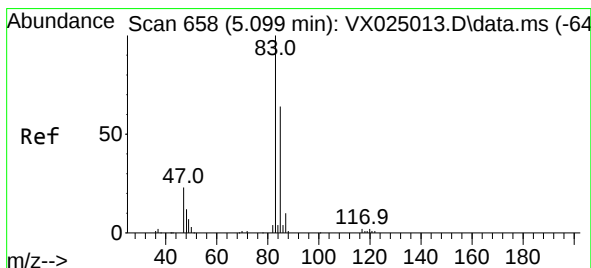
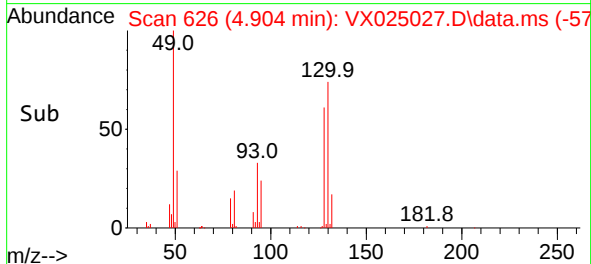
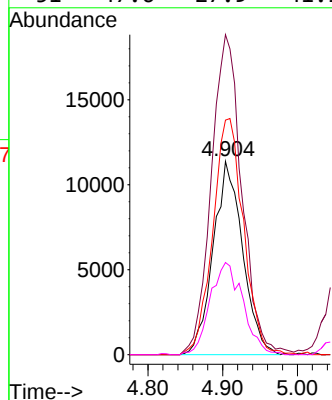
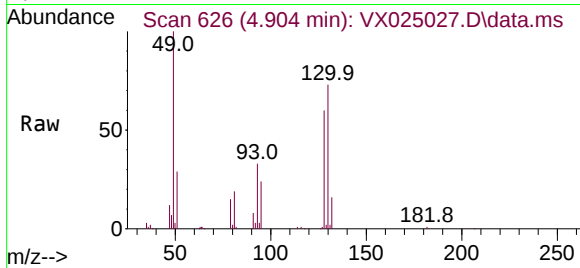




#23
Bromochloromethane
Concen: 52.080 ug/L
RT: 4.904 min Scan# 626
Delta R.T. 0.006 min
Lab File: VX025027.D
Acq: 29 Oct 2021 18:39

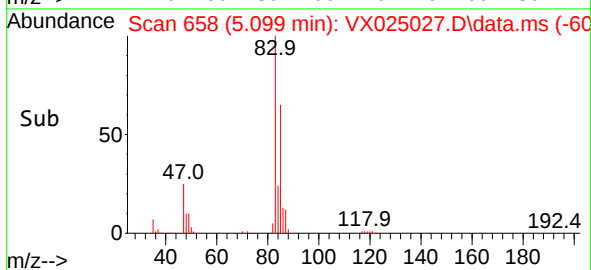
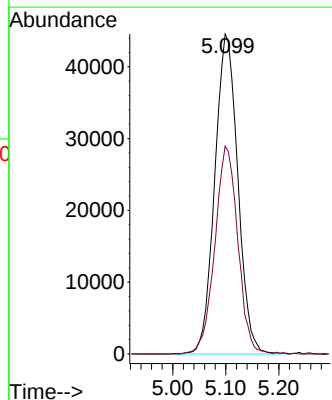
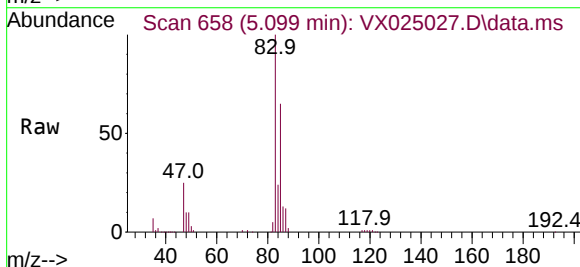
Instrument :
MSVOA_X
ClientSampleId :
VSTD050698

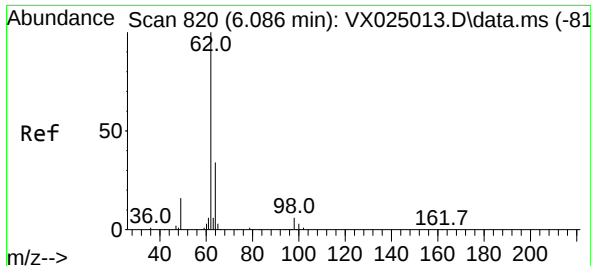
Tgt Ion:	128	Resp:	31199
Ion	Ratio	Lower	Upper
128	100		
49	165.5	71.5	132.7#
130	121.3	84.3	156.5
51	47.6	27.9	41.9#



#25
Chloroform
Concen: 48.988 ug/L
RT: 5.099 min Scan# 658
Delta R.T. 0.000 min
Lab File: VX025027.D
Acq: 29 Oct 2021 18:39

Tgt Ion:	83	Resp:	134462
Ion	Ratio	Lower	Upper
83	100		
85	64.9	46.3	86.1





#27

1,2-Dichloroethane

Concen: 47.412 ug/L

RT: 6.099 min Scan# 822

Delta R.T. 0.012 min

Lab File: VX025027.D

Acq: 29 Oct 2021 18:39

Tgt Ion: 62 Resp: 115050

Ion Ratio Lower Upper

62 100

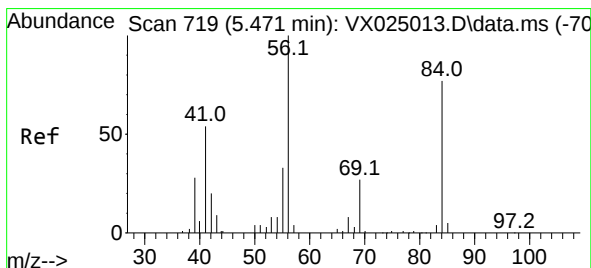
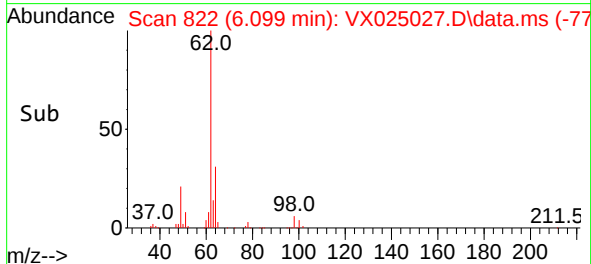
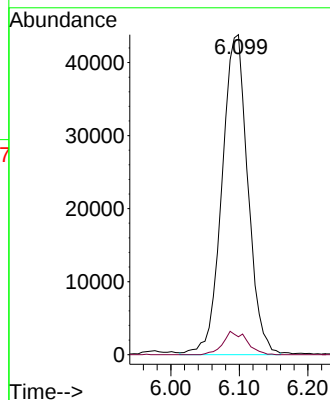
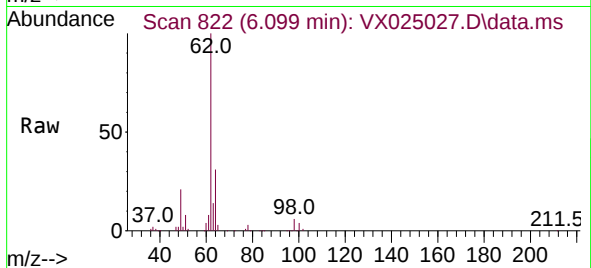
98 5.6 5.5 8.3

Instrument :

MSVOA_X

ClientSampleId :

VSTD050698



#29

Cyclohexane

Concen: 45.220 ug/L

RT: 5.483 min Scan# 721

Delta R.T. 0.012 min

Lab File: VX025027.D

Acq: 29 Oct 2021 18:39

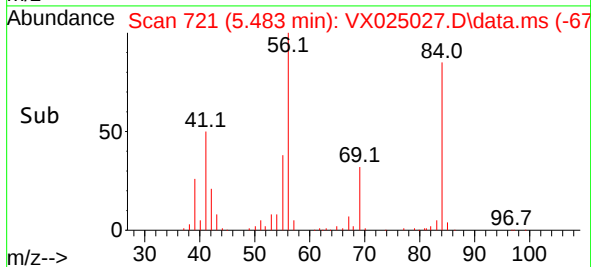
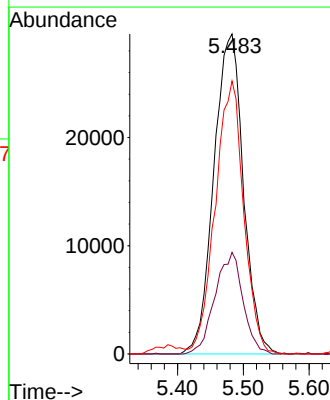
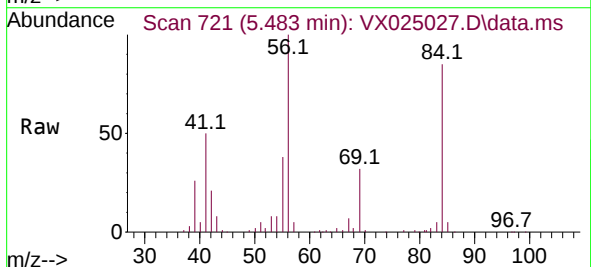
Tgt Ion: 56 Resp: 92467

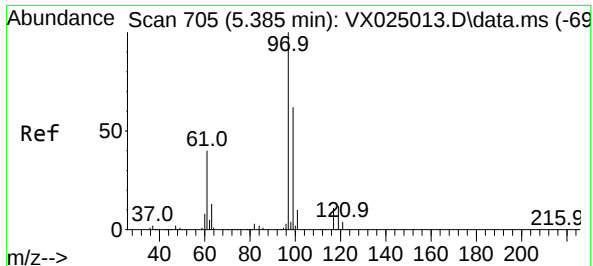
Ion Ratio Lower Upper

56 100

69 30.1 30.8 46.2#

84 82.0 86.8 130.2#

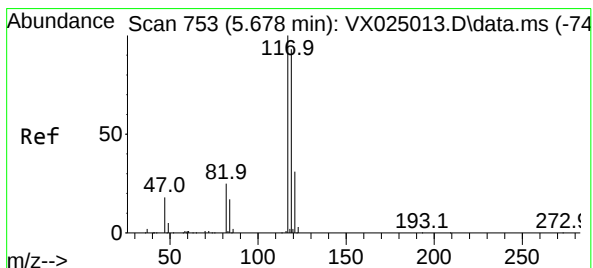
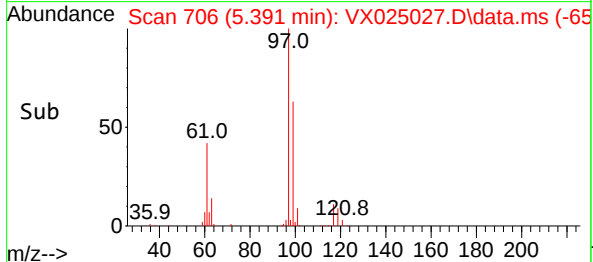
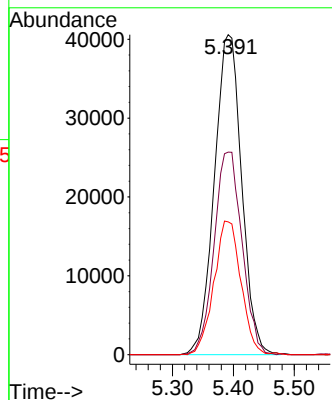
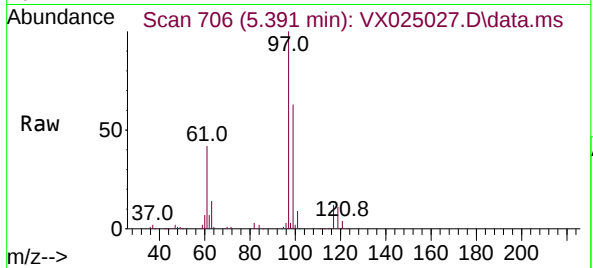




#30
1,1,1-Trichloroethane
Concen: 48.385 ug/L
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX025027.D
Acq: 29 Oct 2021 18:39

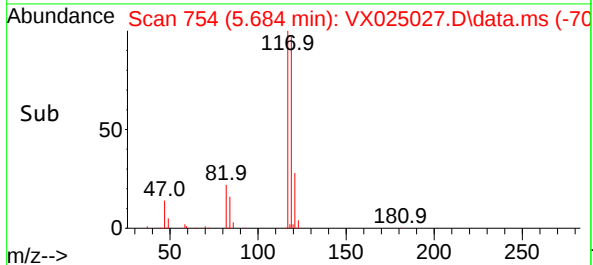
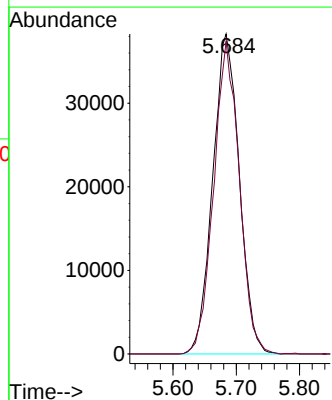
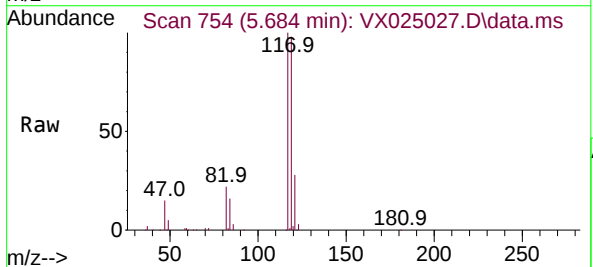
Instrument :
MSVOA_X
ClientSampleId :
VSTD050698

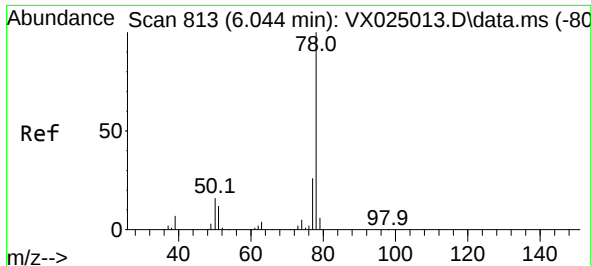
Tgt Ion: 97 Resp: 126228
Ion Ratio Lower Upper
97 100
99 64.8 53.1 79.7
61 41.2 26.3 39.5#



#31
Carbon tetrachloride
Concen: 50.493 ug/L
RT: 5.684 min Scan# 754
Delta R.T. 0.006 min
Lab File: VX025027.D
Acq: 29 Oct 2021 18:39

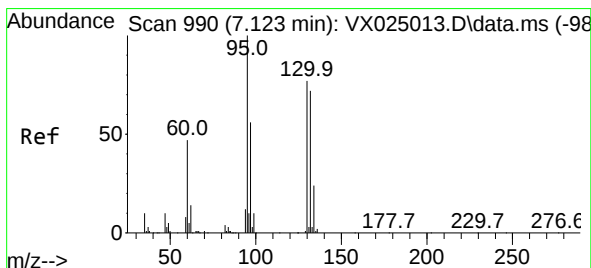
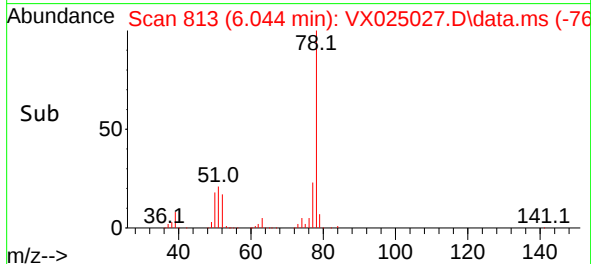
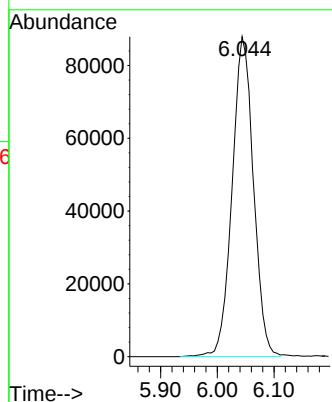
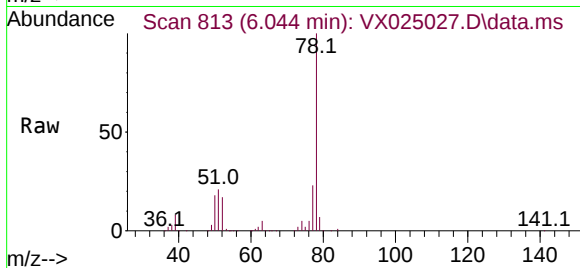
Tgt Ion: 117 Resp: 111575
Ion Ratio Lower Upper
117 100
119 94.2 76.0 114.0





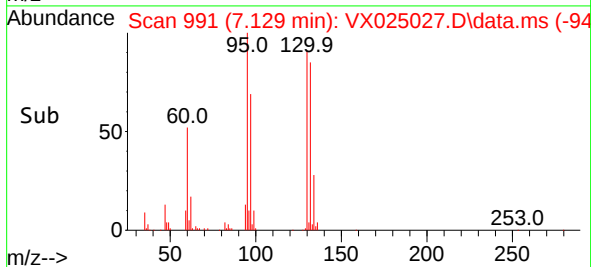
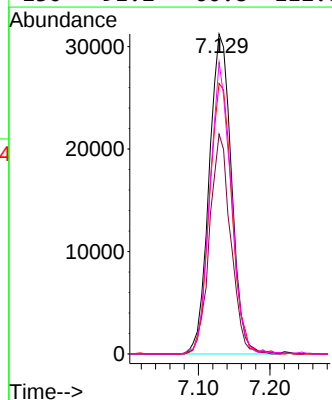
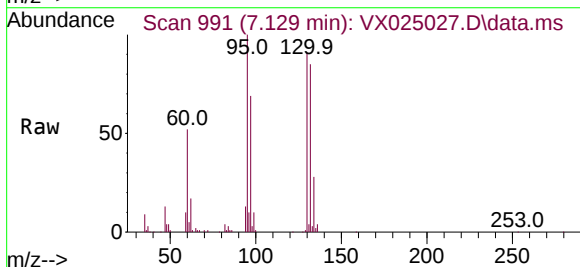
#33
Benzene
Concen: 49.199 ug/L
RT: 6.044 min Scan# 813
Delta R.T. 0.000 min
Lab File: VX025027.D
Acq: 29 Oct 2021 18:39
Tgt Ion: 78 Resp: 229732

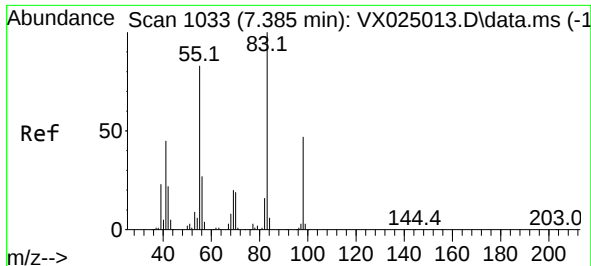
Instrument :
MSVOA_X
ClientSampled :
VSTD050698



#34
Trichloroethene
Concen: 48.238 ug/L
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX025027.D
Acq: 29 Oct 2021 18:39

Tgt Ion: 95 Resp: 67954
Ion Ratio Lower Upper
95 100
97 68.7 44.2 82.2
132 84.5 60.1 111.5
130 91.2 60.8 112.8

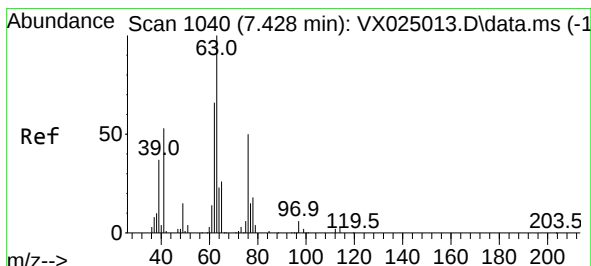
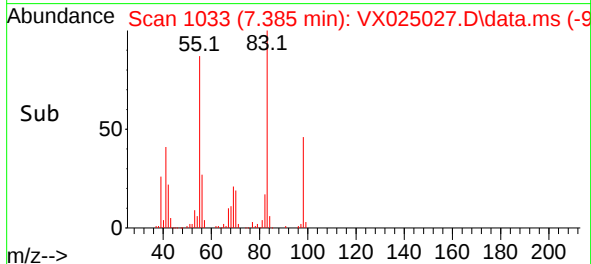
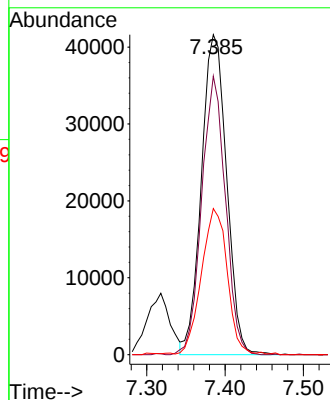
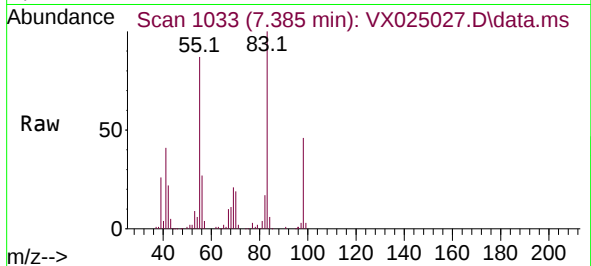




#35
Methylcyclohexane
Concen: 45.847 ug/L
RT: 7.385 min Scan# 1033
Delta R.T. 0.000 min
Lab File: VX025027.D
Acq: 29 Oct 2021 18:39

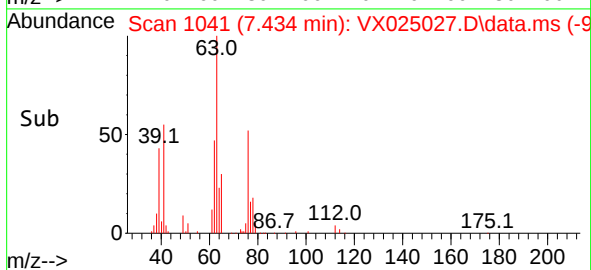
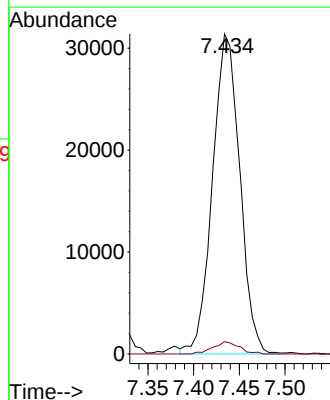
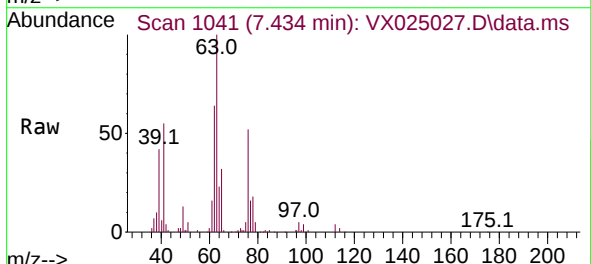
Instrument :
MSVOA_X
ClientSampleId :
VSTD050698

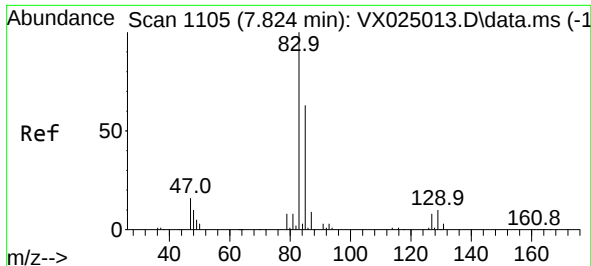
Tgt Ion: 83 Resp: 93197
Ion Ratio Lower Upper
83 100
55 81.8 52.6 79.0#
98 46.7 37.9 56.9



#37
1,2-Dichloropropane
Concen: 49.183 ug/L
RT: 7.434 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VX025027.D
Acq: 29 Oct 2021 18:39

Tgt Ion: 63 Resp: 65336
Ion Ratio Lower Upper
63 100
112 3.6 4.0 6.0#

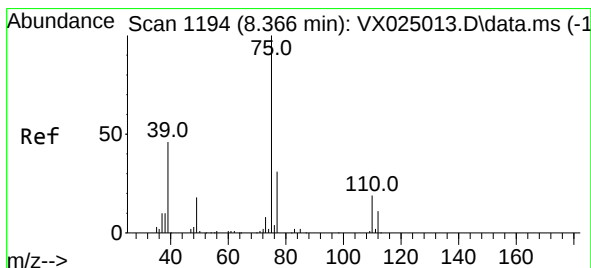
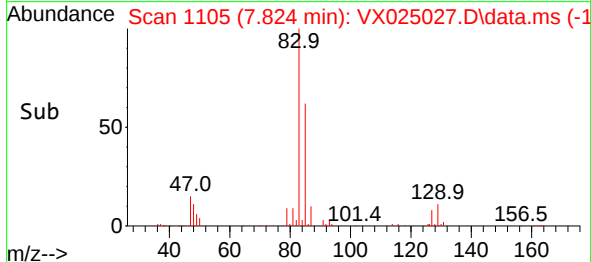
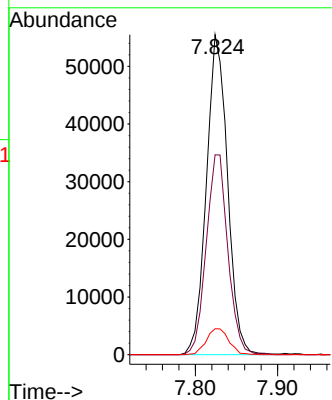
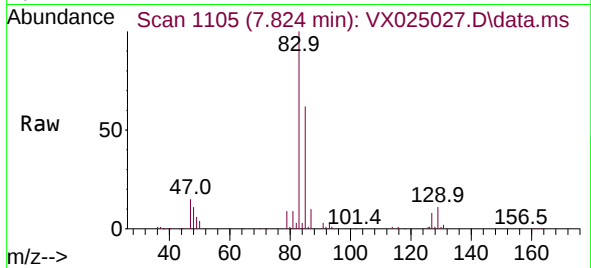




#38
Bromodichloromethane
Concen: 48.888 ug/L
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX025027.D
Acq: 29 Oct 2021 18:39

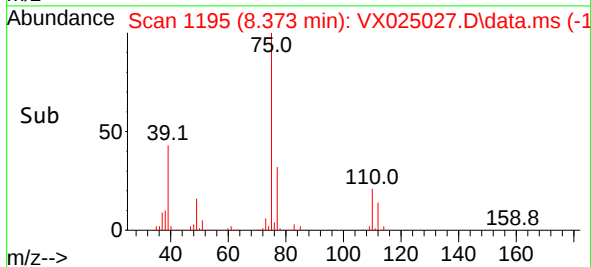
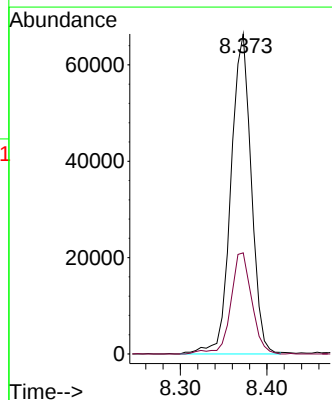
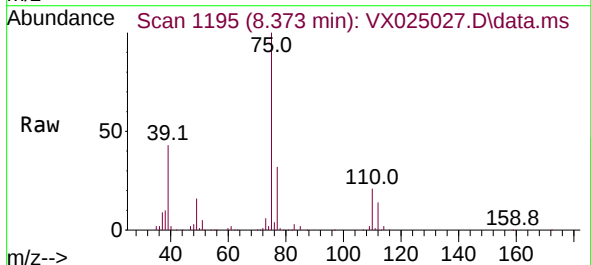
Instrument :
MSVOA_X
ClientSampleId :
VSTD050698

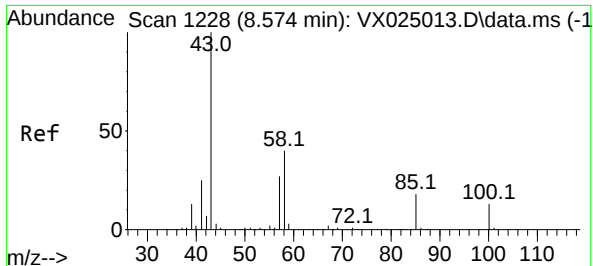
Tgt Ion: 83 Resp: 99222
Ion Ratio Lower Upper
83 100
85 62.5 46.8 87.0
127 8.1 8.2 12.2#



#39
cis-1,3-Dichloropropene
Concen: 50.109 ug/L
RT: 8.373 min Scan# 1195
Delta R.T. 0.006 min
Lab File: VX025027.D
Acq: 29 Oct 2021 18:39

Tgt Ion: 75 Resp: 108186
Ion Ratio Lower Upper
75 100
77 31.6 23.1 42.9





#40

4-Methyl-2-pentanone

Concen: 92.409 ug/L

RT: 8.580 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VX025027.D

Acq: 29 Oct 2021 18:39

Tgt Ion: 43 Resp: 190643

Ion Ratio Lower Upper

43 100

58 41.3 41.3 61.9#

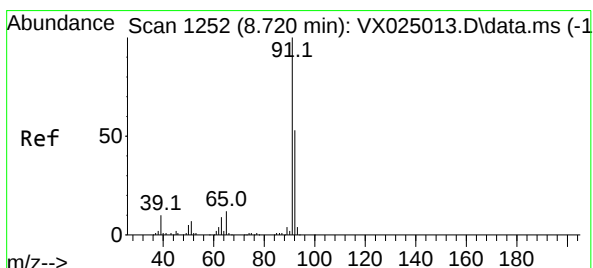
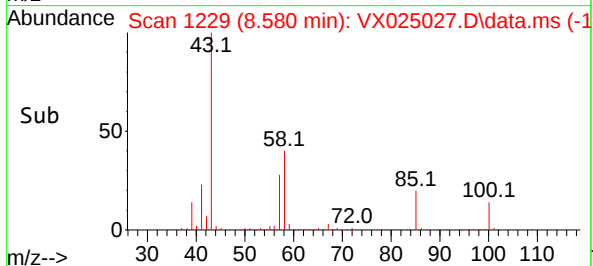
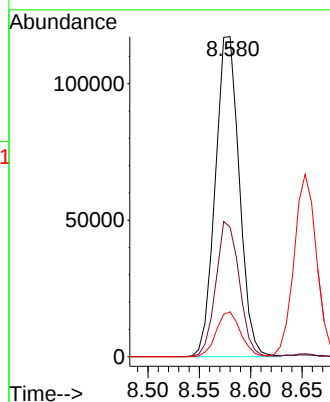
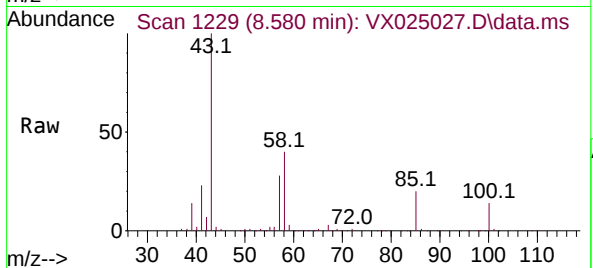
100 14.2 19.6 29.4#

Instrument :

MSVOA_X

ClientSampled :

VSTD050698



#42

Toluene

Concen: 49.203 ug/L

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX025027.D

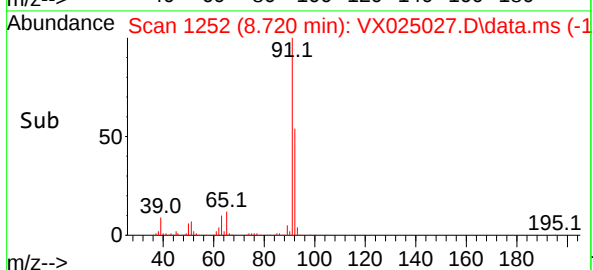
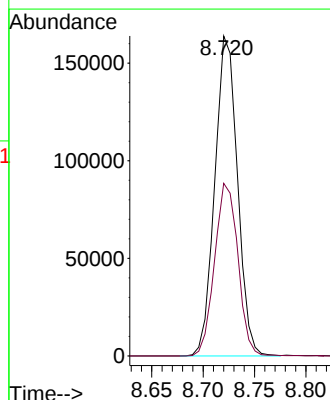
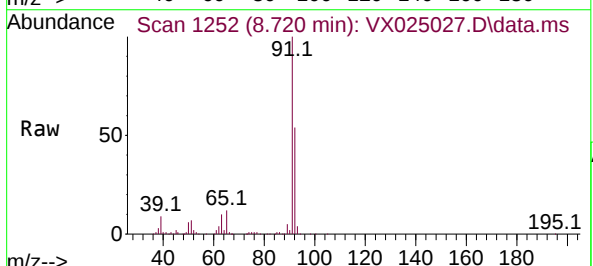
Acq: 29 Oct 2021 18:39

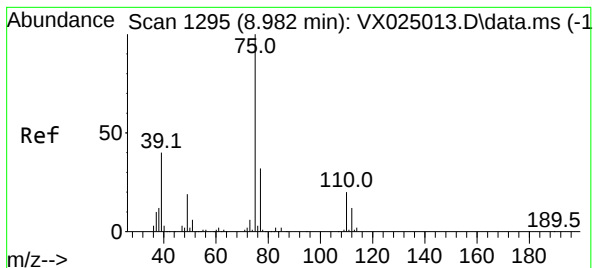
Tgt Ion: 91 Resp: 251415

Ion Ratio Lower Upper

91 100

92 53.9 39.3 72.9



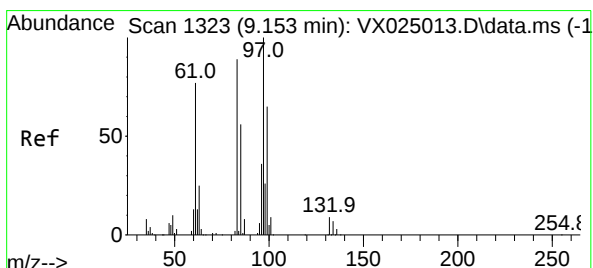
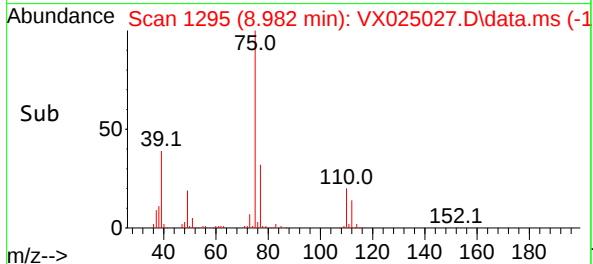
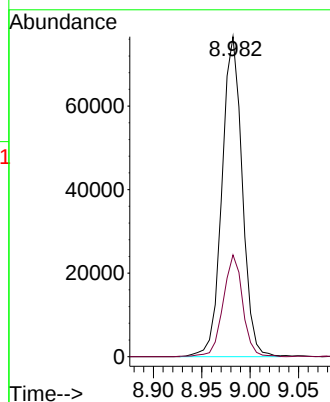
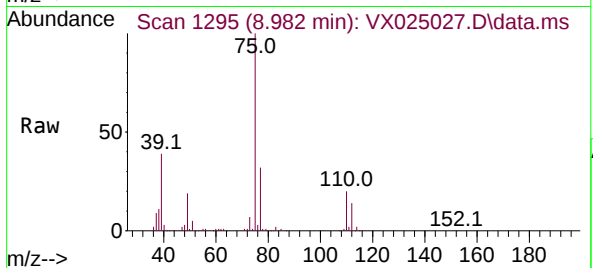


#44

trans-1,3-Dichloropropene
Concen: 50.175 ug/L
RT: 8.982 min Scan# 1295
Delta R.T. 0.000 min
Lab File: VX025027.D
Acq: 29 Oct 2021 18:39

Instrument :
MSVOA_X
ClientSampleId :
VSTD050698

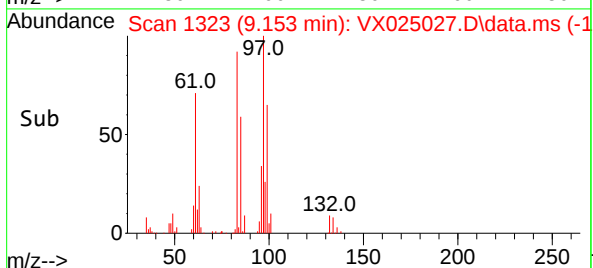
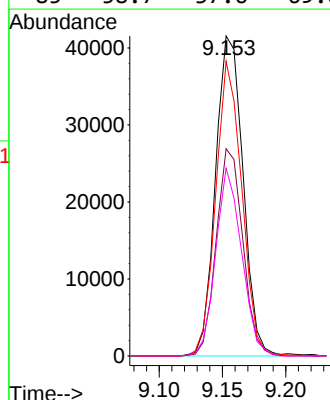
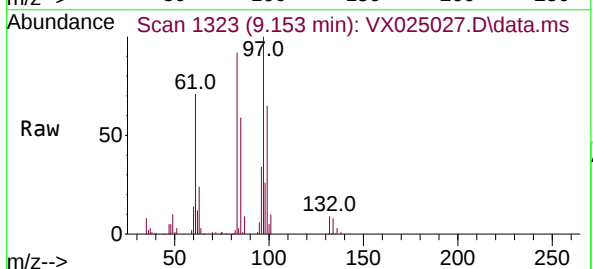
Tgt Ion: 75 Resp: 111538
Ion Ratio Lower Upper
75 100
77 31.8 23.4 43.6

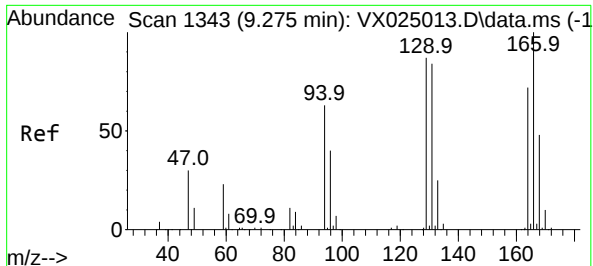


#45

1,1,2-Trichloroethane
Concen: 50.369 ug/L
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX025027.D
Acq: 29 Oct 2021 18:39

Tgt Ion: 97 Resp: 62641
Ion Ratio Lower Upper
97 100
99 64.7 43.5 80.7
83 92.1 58.2 108.0
85 58.7 37.6 69.8



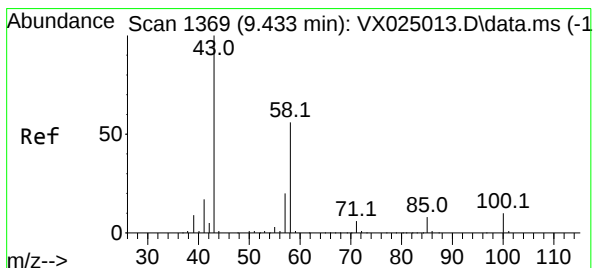
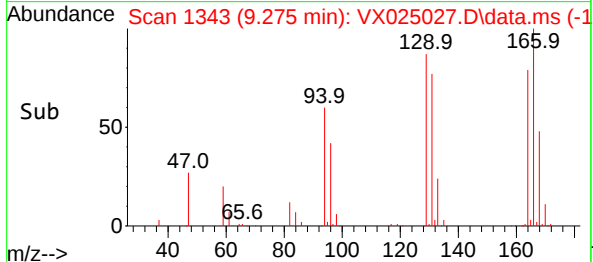
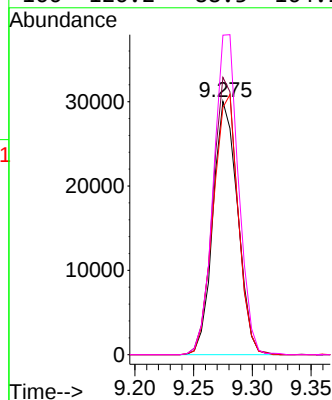
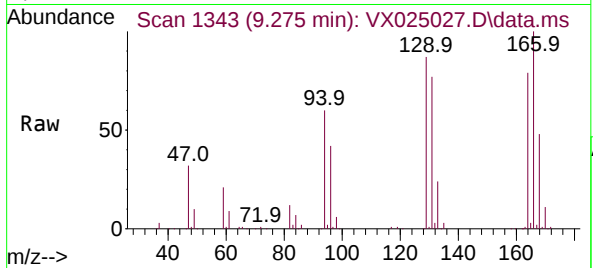


#46
Tetrachloroethene
Concen: 49.818 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX025027.D
Acq: 29 Oct 2021 18:39

Instrument :
MSVOA_X
ClientSampleId :
VSTD050698

Tgt Ion:164 Resp: 43806

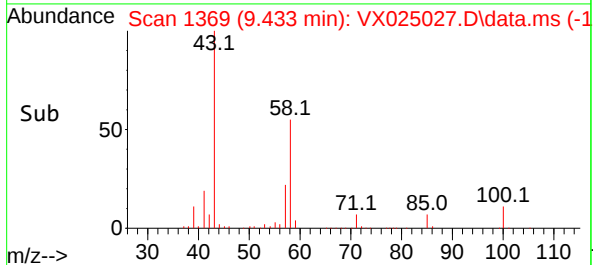
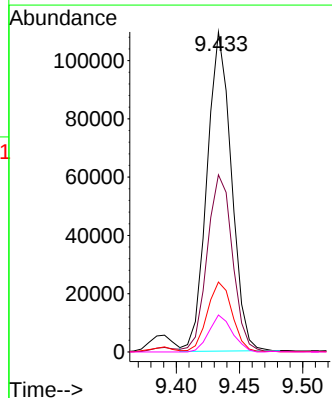
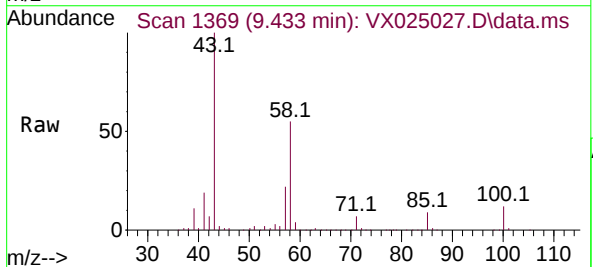
Ion	Ratio	Lower	Upper
164	100		
129	109.5	78.5	145.7
131	97.6	70.5	130.9
166	126.2	88.3	164.1

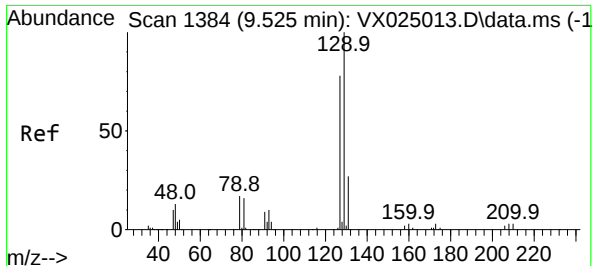


#48
2-Hexanone
Concen: 86.138 ug/L
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX025027.D
Acq: 29 Oct 2021 18:39

Tgt Ion: 43 Resp: 146877

Ion	Ratio	Lower	Upper
43	100		
58	57.8	56.0	84.0
57	22.5	20.4	30.6
100	11.1	15.1	22.7





#49

Dibromochloromethane

Concen: 51.421 ug/L

RT: 9.525 min Scan# 1384

Delta R.T. 0.000 min

Lab File: VX025027.D

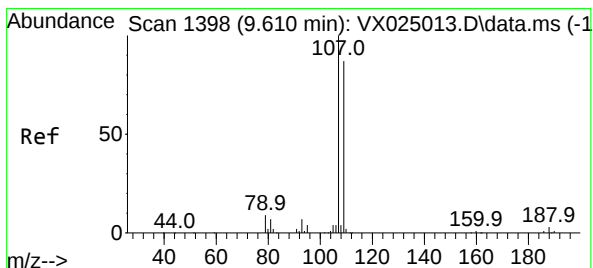
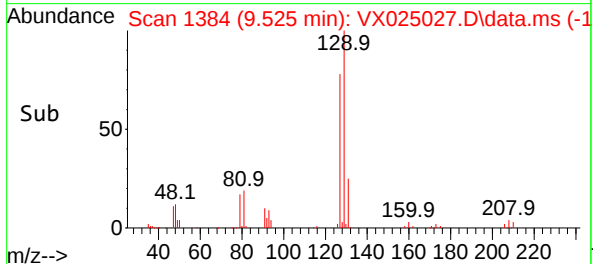
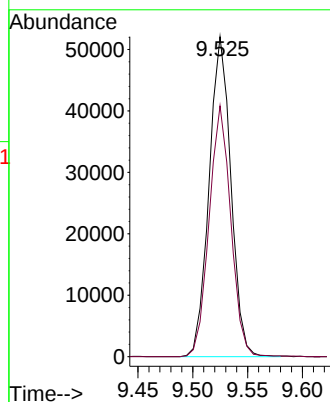
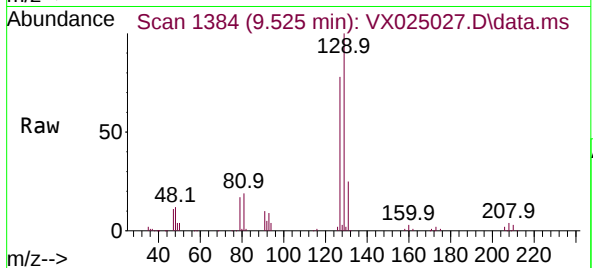
Acq: 29 Oct 2021 18:39

Tgt Ion:129 Resp: 71983

Ion Ratio Lower Upper

129 100

127 78.4 54.1 100.5



#50

1,2-Dibromoethane

Concen: 51.344 ug/L

RT: 9.616 min Scan# 1399

Delta R.T. 0.006 min

Lab File: VX025027.D

Acq: 29 Oct 2021 18:39

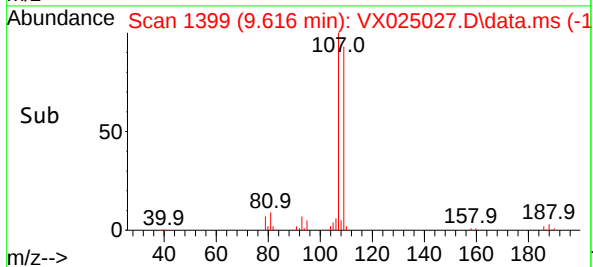
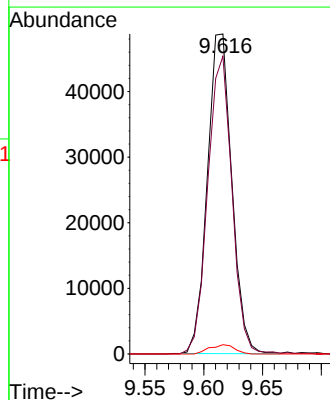
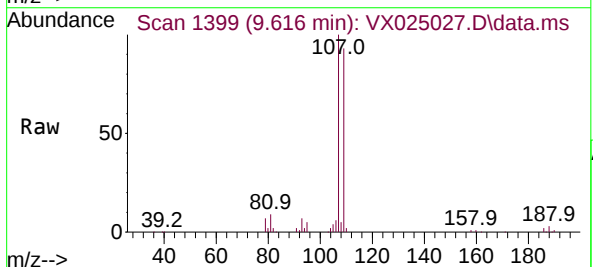
Tgt Ion:107 Resp: 70446

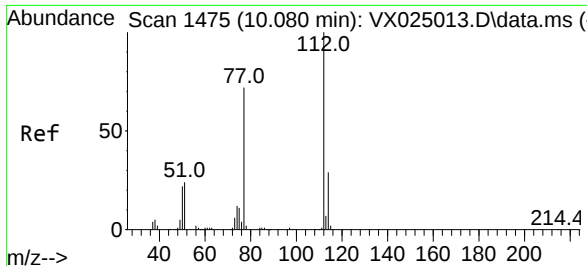
Ion Ratio Lower Upper

107 100

109 93.1 63.8 118.6

188 2.9 2.2 3.2

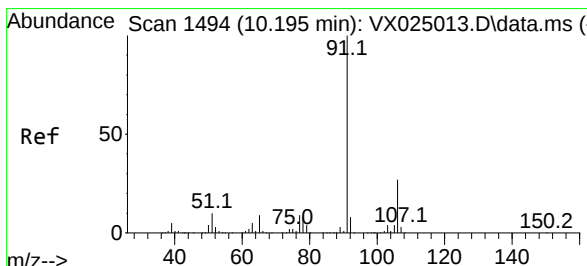
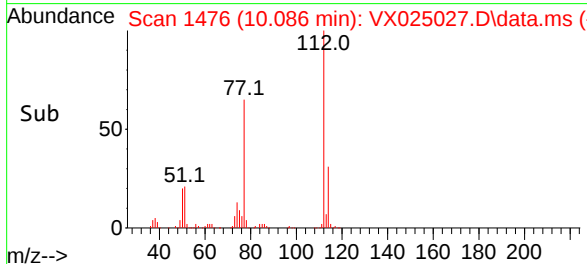
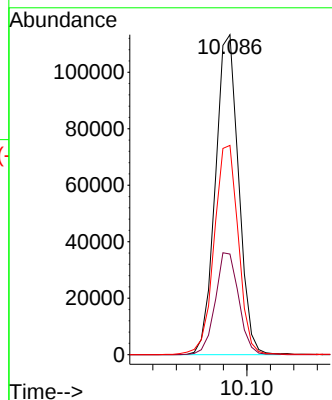
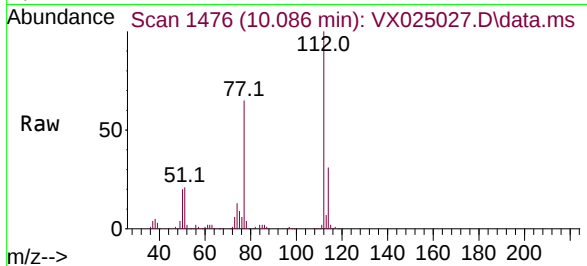




#51
Chlorobenzene
Concen: 51.044 ug/L
RT: 10.086 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VX025027.D
Acq: 29 Oct 2021 18:39

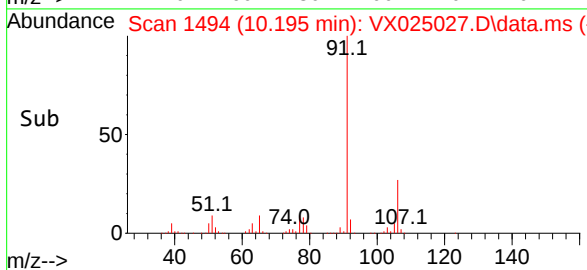
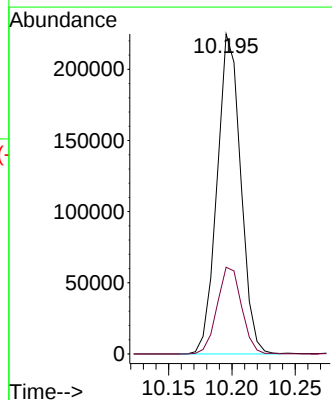
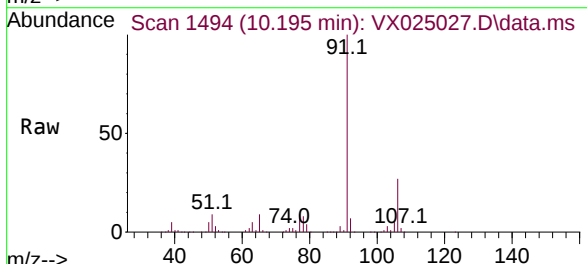
Instrument :
MSVOA_X
ClientSampleId :
VSTD050698

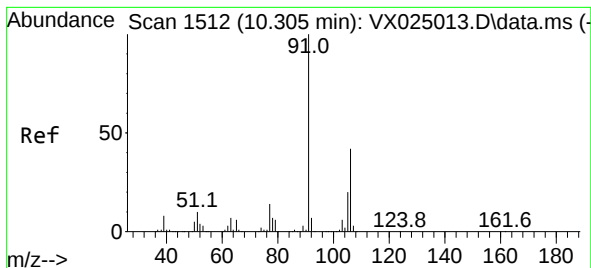
Tgt Ion:112 Resp: 155975
Ion Ratio Lower Upper
112 100
114 31.4 22.7 42.3
77 65.4 46.8 70.2



#52
Ethylbenzene
Concen: 49.484 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX025027.D
Acq: 29 Oct 2021 18:39

Tgt Ion: 91 Resp: 291789
Ion Ratio Lower Upper
91 100
106 27.1 20.2 37.6

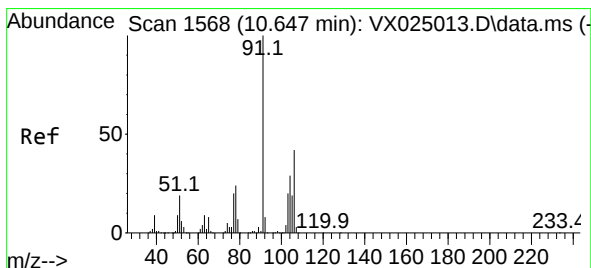
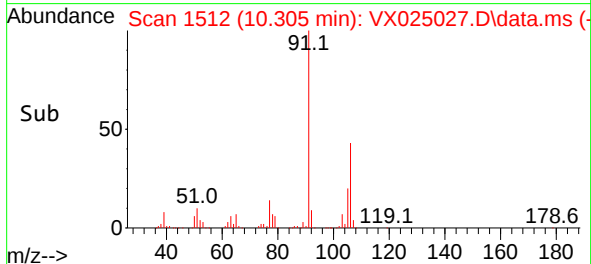
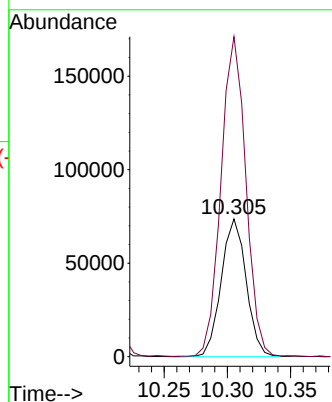
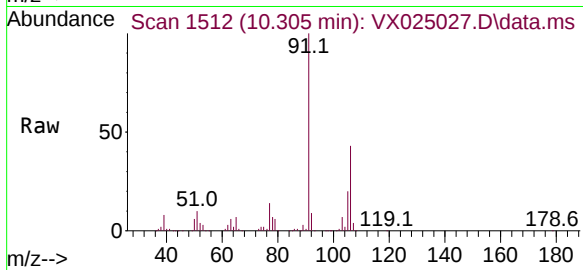




#53
m,p-Xylene
Concen: 49.875 ug/L
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX025027.D
Acq: 29 Oct 2021 18:39

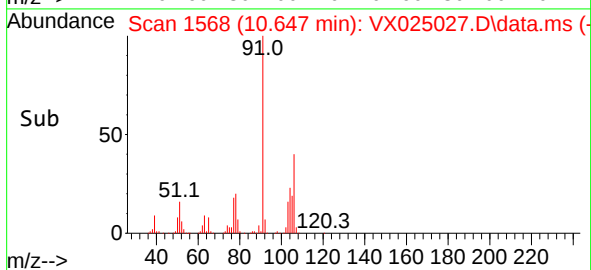
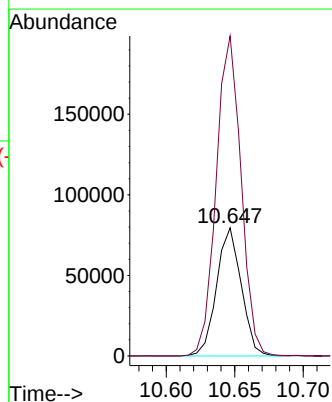
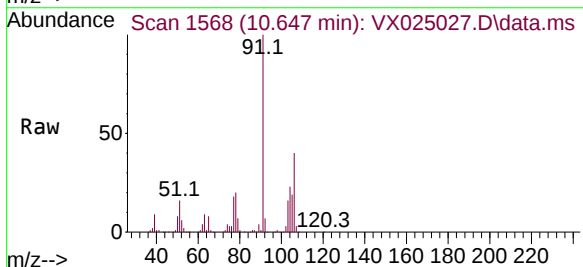
Instrument :
MSVOA_X
ClientSampleId :
VSTD050698

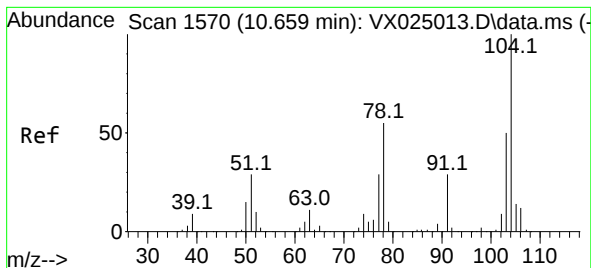
Tgt Ion:106 Resp: 101158
Ion Ratio Lower Upper
106 100
91 232.2 160.2 297.6



#54
o-Xylene
Concen: 50.228 ug/L
RT: 10.647 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX025027.D
Acq: 29 Oct 2021 18:39

Tgt Ion:106 Resp: 99588
Ion Ratio Lower Upper
106 100
91 249.8 164.4 305.4





#55

Styrene

Concen: 51.540 ug/L

RT: 10.659 min Scan# 1570

Delta R.T. 0.000 min

Lab File: VX025027.D

Acq: 29 Oct 2021 18:39

Tgt Ion:104 Resp: 172836

Ion Ratio Lower Upper

104 100

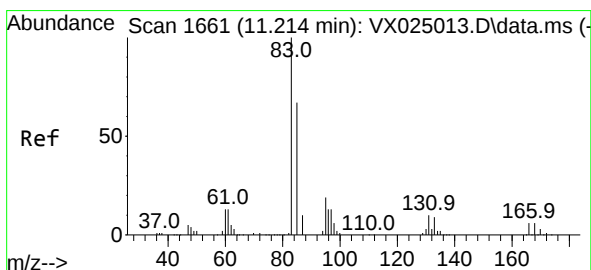
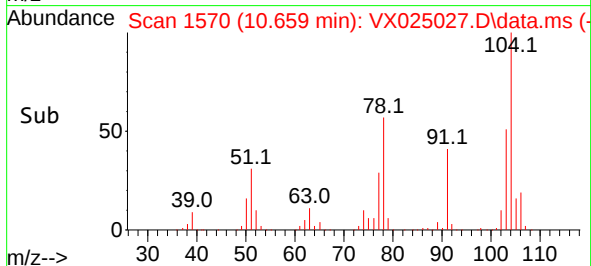
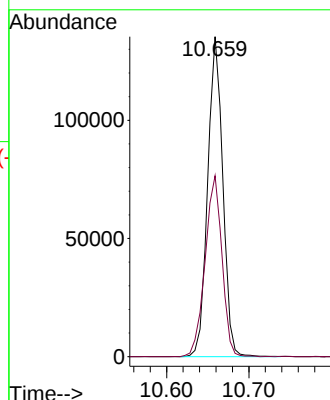
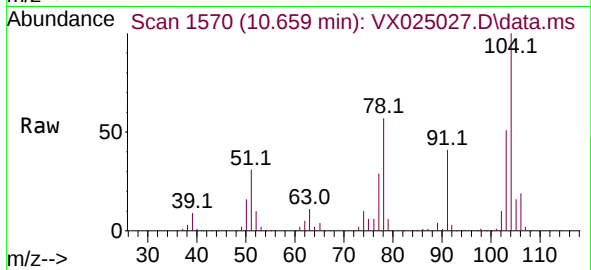
78 56.5 38.2 71.0

Instrument :

MSVOA_X

ClientSampleId :

VSTD050698



#57

1,1,2,2-Tetrachloroethane

Concen: 50.212 ug/L

RT: 11.214 min Scan# 1661

Delta R.T. 0.000 min

Lab File: VX025027.D

Acq: 29 Oct 2021 18:39

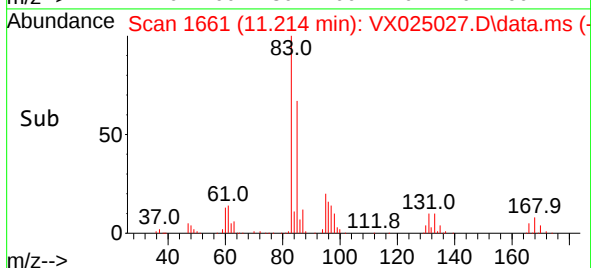
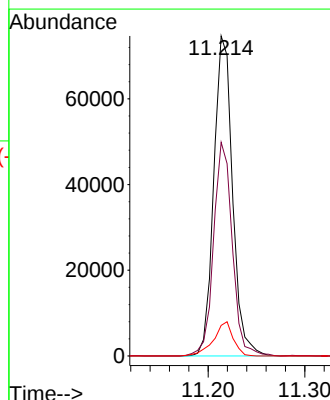
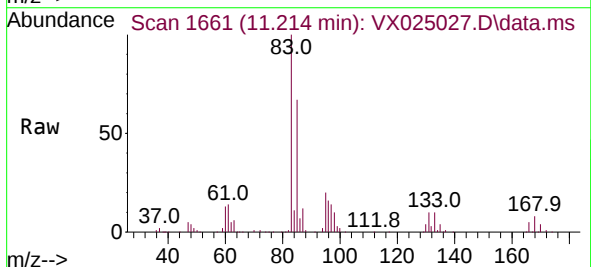
Tgt Ion: 83 Resp: 100488

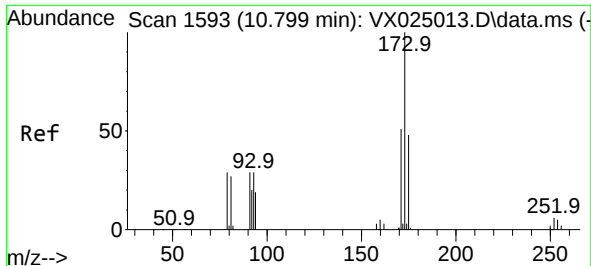
Ion Ratio Lower Upper

83 100

85 66.7 46.9 87.1

131 9.6 8.7 13.1

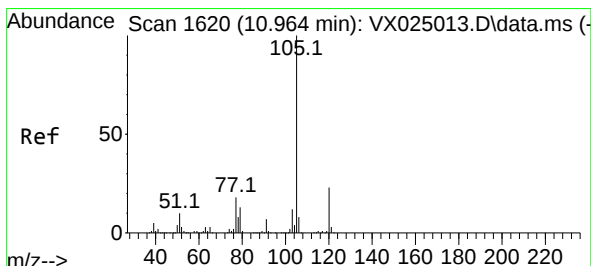
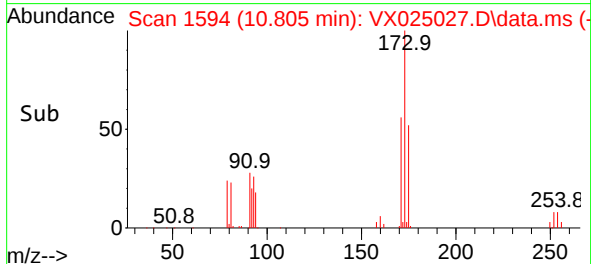
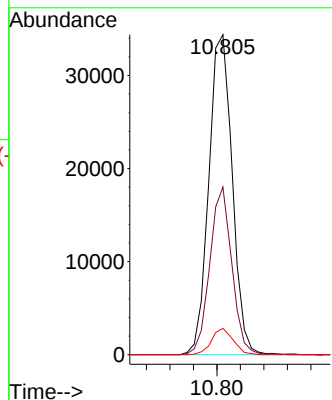
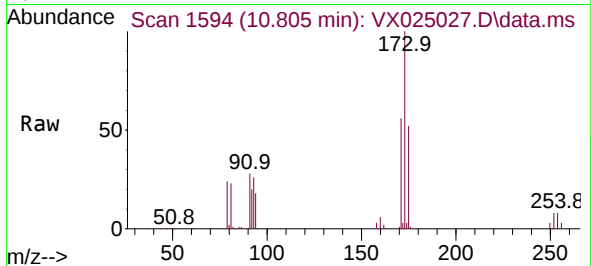




#59
Bromoform
Concen: 53.164 ug/L
RT: 10.805 min Scan# 1594
Delta R.T. 0.006 min
Lab File: VX025027.D
Acq: 29 Oct 2021 18:39

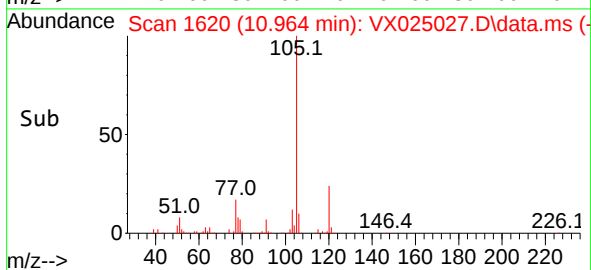
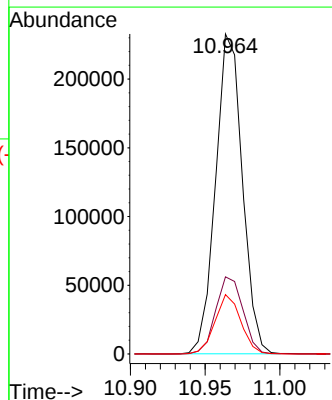
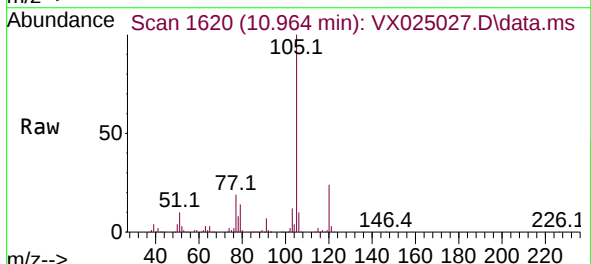
Instrument :
MSVOA_X
ClientSampleId :
VSTD050698

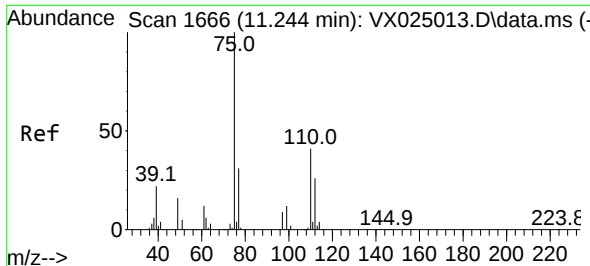
Tgt Ion:173 Resp: 47662
Ion Ratio Lower Upper
173 100
175 49.2 36.6 55.0
254 7.6 4.9 7.3#



#60
Isopropylbenzene
Concen: 52.159 ug/L
RT: 10.964 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX025027.D
Acq: 29 Oct 2021 18:39

Tgt Ion:105 Resp: 289361
Ion Ratio Lower Upper
105 100
120 24.6 19.8 29.6
77 17.9 13.2 19.8

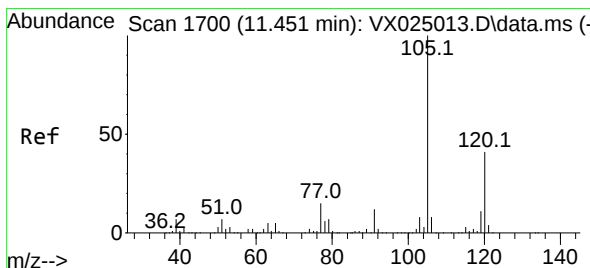
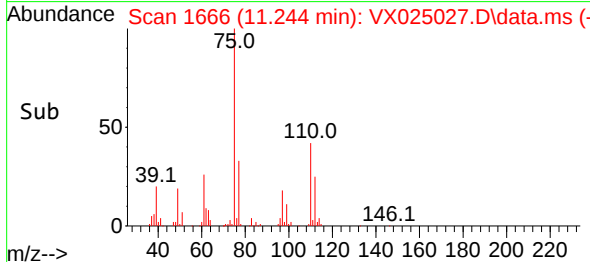
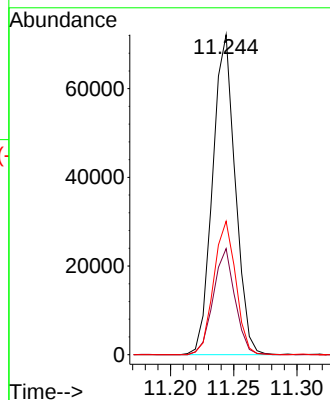
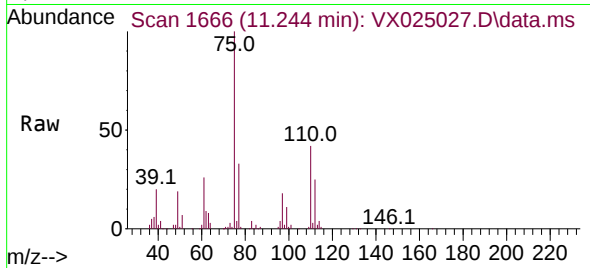




#61
1,2,3-Trichloropropane
Concen: 50.638 ug/L
RT: 11.244 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VX025027.D
Acq: 29 Oct 2021 18:39

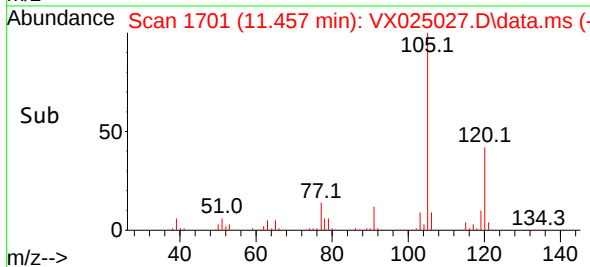
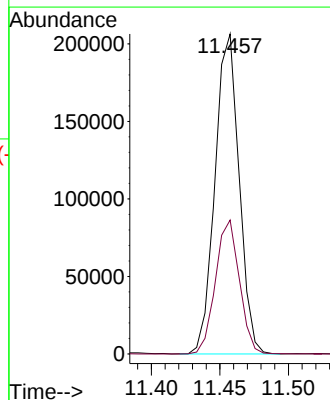
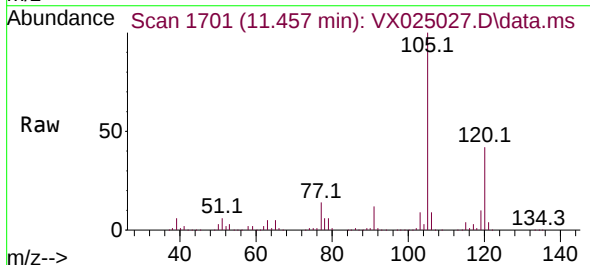
Instrument :
MSVOA_X
ClientSampleId :
VSTD050698

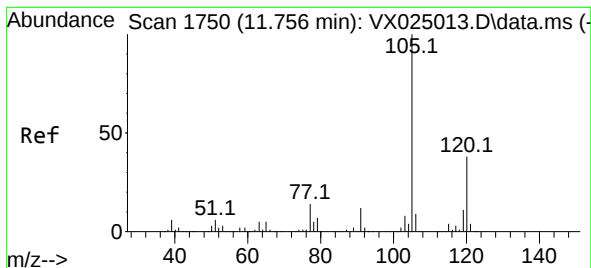
Tgt Ion:	75	Resp:	89775
Ion Ratio	Lower	Upper	
75	100		
77	31.8	26.6	39.8
110	40.6	37.2	55.8



#62
1,3,5-Trimethylbenzene
Concen: 52.523 ug/L
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX025027.D
Acq: 29 Oct 2021 18:39

Tgt Ion:	105	Resp:	252359
Ion Ratio	Lower	Upper	
105	100		
120	41.4	34.4	51.6





#63

1,2,4-Trimethylbenzene

Concen: 52.013 ug/L

RT: 11.756 min Scan# 1750

Delta R.T. 0.000 min

Lab File: VX025027.D

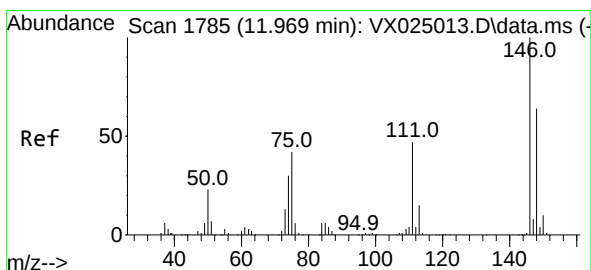
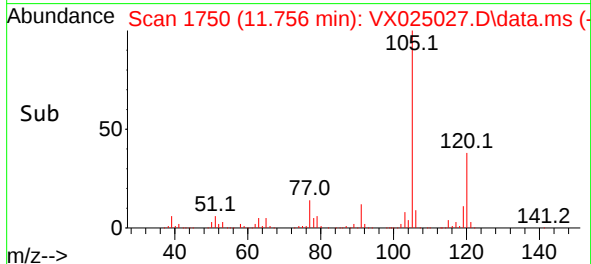
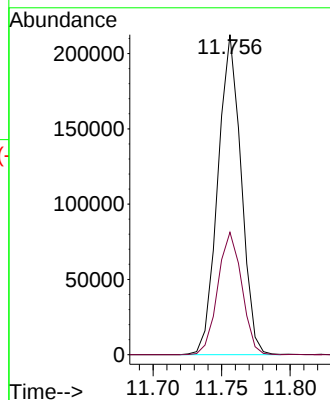
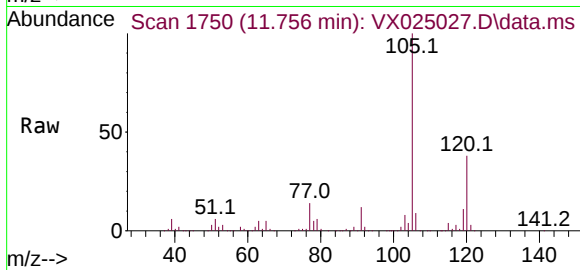
Acq: 29 Oct 2021 18:39

Tgt Ion:105 Resp: 250528

Ion Ratio Lower Upper

105 100

120 39.4 31.0 46.6



#64

1,3-Dichlorobenzene

Concen: 52.147 ug/L

RT: 11.976 min Scan# 1786

Delta R.T. 0.006 min

Lab File: VX025027.D

Acq: 29 Oct 2021 18:39

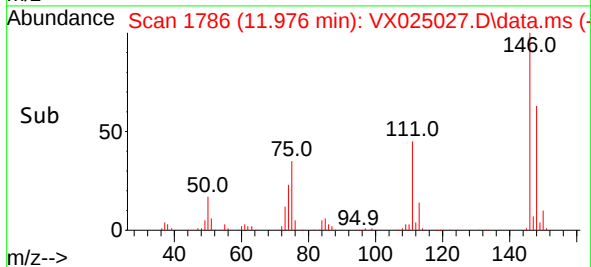
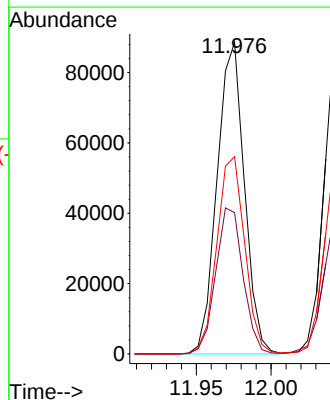
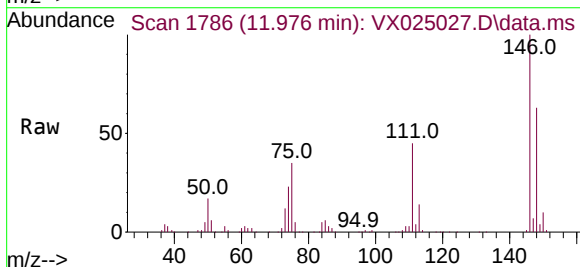
Tgt Ion:146 Resp: 112583

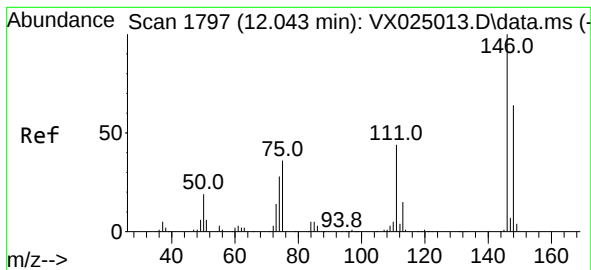
Ion Ratio Lower Upper

146 100

111 45.4 31.1 57.9

148 63.3 43.2 80.2

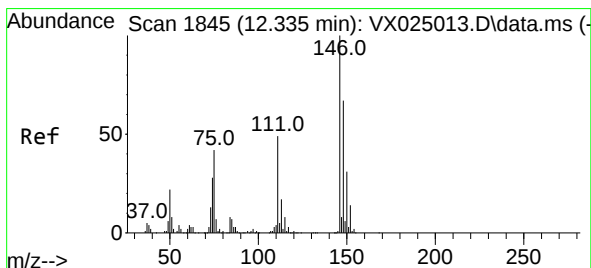
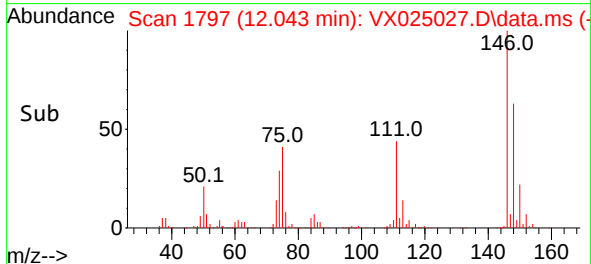
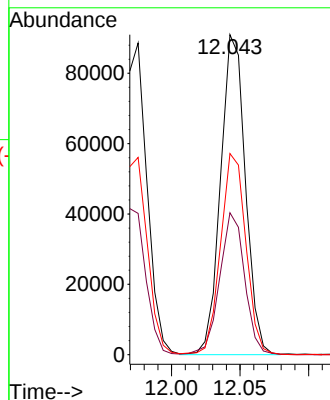
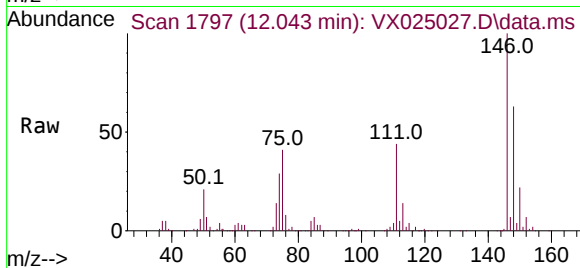




#65
1,4-Dichlorobenzene
Concen: 51.262 ug/L
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX025027.D
Acq: 29 Oct 2021 18:39

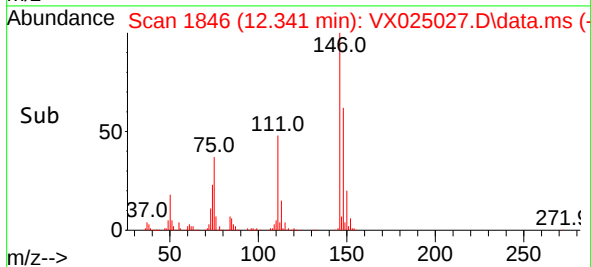
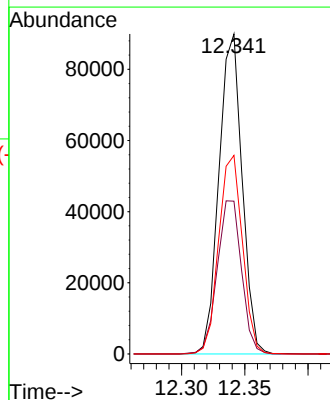
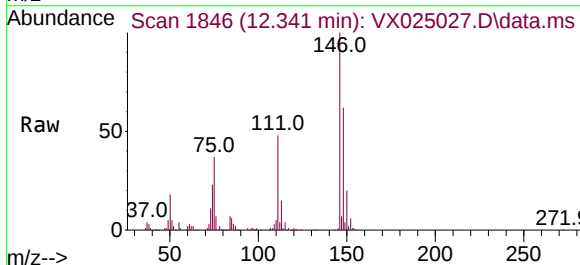
Instrument :
MSVOA_X
ClientSampleId :
VSTD050698

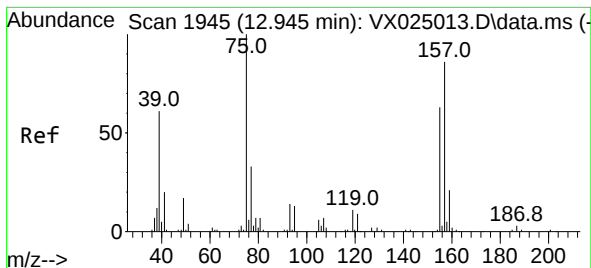
Tgt Ion:146 Resp: 114457
Ion Ratio Lower Upper
146 100
111 44.3 31.8 59.0
148 62.9 46.1 85.5



#67
1,2-Dichlorobenzene
Concen: 51.876 ug/L
RT: 12.341 min Scan# 1846
Delta R.T. 0.006 min
Lab File: VX025027.D
Acq: 29 Oct 2021 18:39

Tgt Ion:146 Resp: 114409
Ion Ratio Lower Upper
146 100
111 47.8 38.5 57.7
148 62.0 53.2 79.8

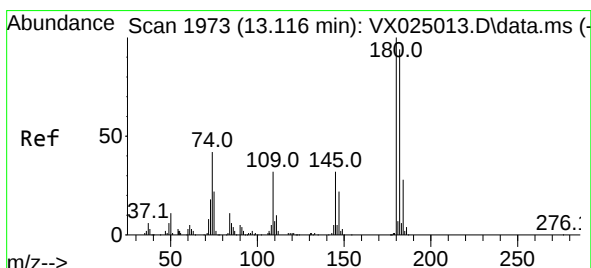
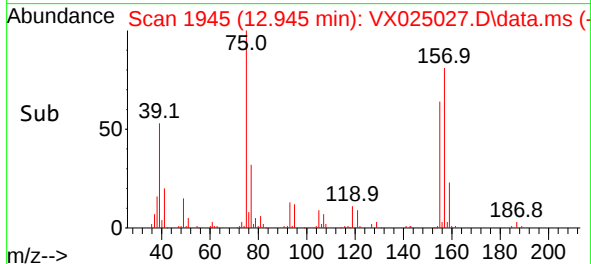
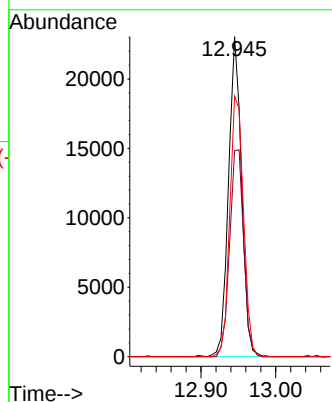
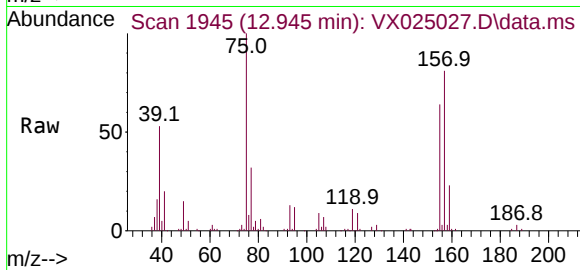




#68
 1,2-Dibromo-3-chloropropane
 Concen: 48.197 ug/L
 RT: 12.945 min Scan# 1945
 Delta R.T. 0.000 min
 Lab File: VX025027.D
 Acq: 29 Oct 2021 18:39

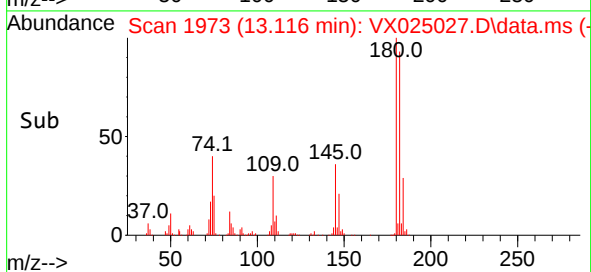
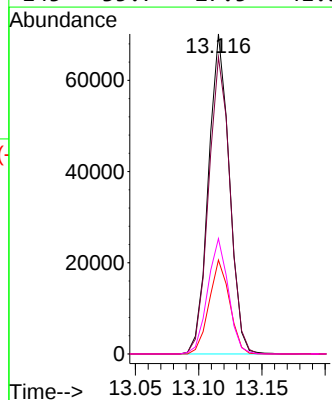
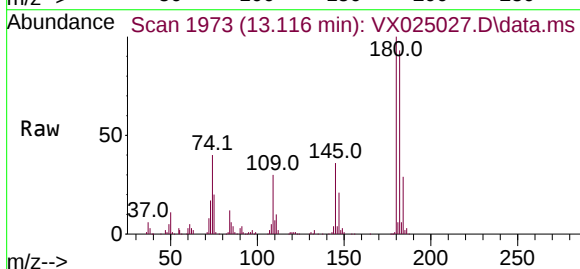
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050698

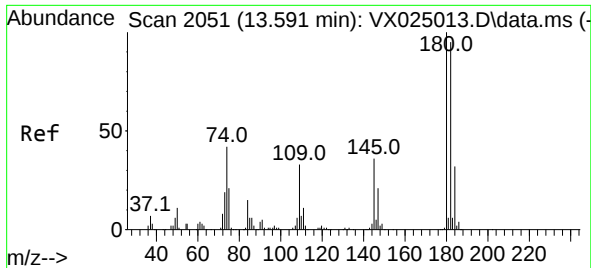
Tgt Ion: 75 Resp: 27865
 Ion Ratio Lower Upper
 75 100
 155 64.4 59.3 88.9
 157 81.4 68.7 103.1



#69
 1,3,5-Trichlorobenzene
 Concen: 52.008 ug/L
 RT: 13.116 min Scan# 1973
 Delta R.T. 0.000 min
 Lab File: VX025027.D
 Acq: 29 Oct 2021 18:39

Tgt Ion: 180 Resp: 80643
 Ion Ratio Lower Upper
 180 100
 182 94.9 74.2 111.4
 184 28.7 23.7 35.5
 145 35.7 27.5 41.3

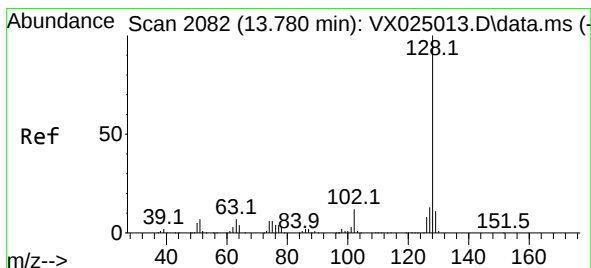
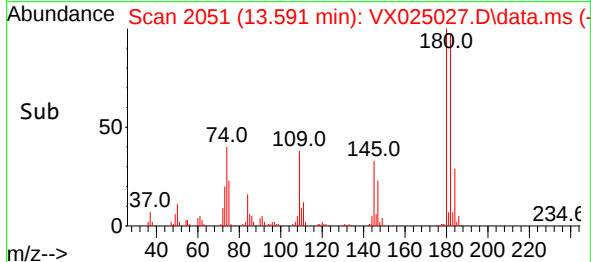
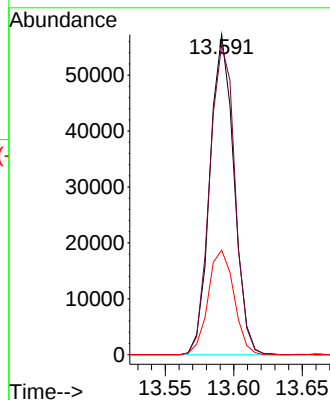
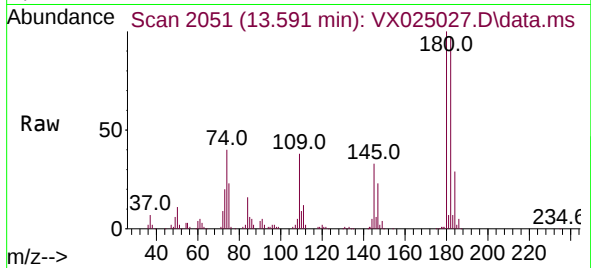




#70
1,2,4-trichlorobenzene
Concen: 53.169 ug/L
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX025027.D
Acq: 29 Oct 2021 18:39

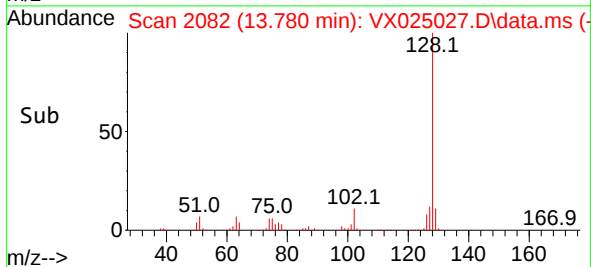
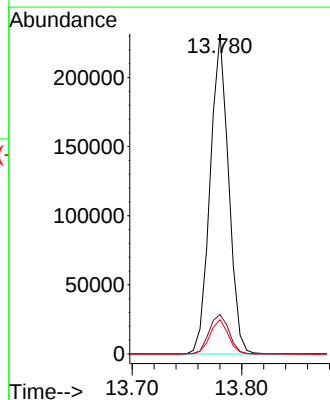
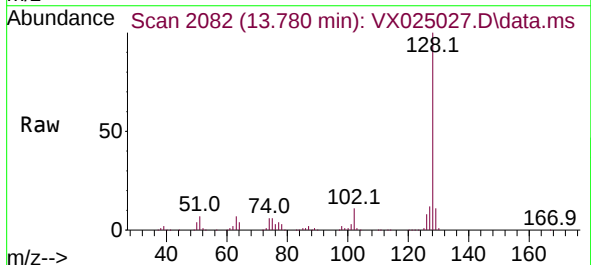
Instrument :
MSVOA_X
ClientSampleId :
VSTD050698

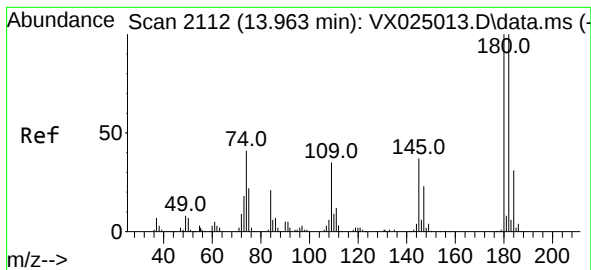
Tgt Ion:180 Resp: 69884
Ion Ratio Lower Upper
180 100
182 101.3 76.4 114.6
145 35.1 28.8 43.2



#71
Naphthalene
Concen: 59.510 ug/L
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX025027.D
Acq: 29 Oct 2021 18:39

Tgt Ion:128 Resp: 270513
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: 55.126 ug/L
 RT: 13.963 min Scan# 2112
 Delta R.T. 0.000 min
 Lab File: VX025027.D
 Acq: 29 Oct 2021 18:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050698

Tgt Ion:180 Resp: 74510
 Ion Ratio Lower Upper
 180 100
 182 95.3 73.3 109.9
 145 36.5 29.0 43.4

