

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032622\
 Data File : VW025247.D
 Acq On : 27 Mar 2022 10:46
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005352

Quant Time: Mar 28 03:51:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Mar 28 03:13:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	159563	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	155411	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	78535	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.311	65	66039	4.431	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.600%
7) Chloroethane-d5	1.571	69	59975	4.794	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.800%
11) 1,1-Dichloroethene-d2	2.114	63	141682	4.389	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.800%
20) 2-Butanone-d5	3.896	46	77351	52.100	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.200%
24) Chloroform-d	4.352	84	101310	5.208	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.200%
26) 1,2-Dichloroethane-d4	5.037	65	44227	5.144	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.800%
32) Benzene-d6	5.053	84	201099	5.115	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.200%
36) 1,2-Dichloropropane-d6	6.069	67	55873	5.071	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.400%
41) Toluene-d8	7.314	98	191288	5.304	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.000%
43) trans-1,3-Dichloroprop...	7.622	79	17333	4.822	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.400%
46) 2-Hexanone-d5	8.088	63	65146	50.179	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.360%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	37958	5.166	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.400%
66) 1,2-Dichlorobenzene-d4	11.622	152	62074	4.921	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.131	85	80267	5.036	ug/L	99
3) Chloromethane	1.243	50	82238	4.375	ug/L	99
5) Vinyl chloride	1.314	62	93584	4.457	ug/L	95
6) Bromomethane	1.526	94	53930	4.327	ug/L	97
8) Chloroethane	1.587	64	63572	4.825	ug/L	96
9) Trichlorofluoromethane	1.758	101	143450	5.054	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	74957	4.446	ug/L	98
12) 1,1-Dichloroethene	2.121	96	72954	4.541	ug/L	89
13) Acetone	2.188	43	55912	49.353	ug/L	78
14) Carbon disulfide	2.298	76	167007	5.018	ug/L	99
15) Methyl Acetate	2.442	43	14907	5.780	ug/L	96
16) Methylene chloride	2.510	84	68093	5.398	ug/L	97
17) Methyl tert-butyl Ether	2.770	73	98820	4.862	ug/L	99
18) trans-1,2-Dichloroethene	2.764	96	58841	5.103	ug/L	99
19) 1,1-Dichloroethane	3.195	63	98958	5.141	ug/L	99
21) 2-Butanone	3.979	43	80793	51.828	ug/L	85
22) cis-1,2-Dichloroethene	3.915	96	59538	5.083	ug/L	95
23) Bromochloromethane	4.253	128	25706	5.261	ug/L	95
25) Chloroform	4.378	83	107584	5.037	ug/L	100

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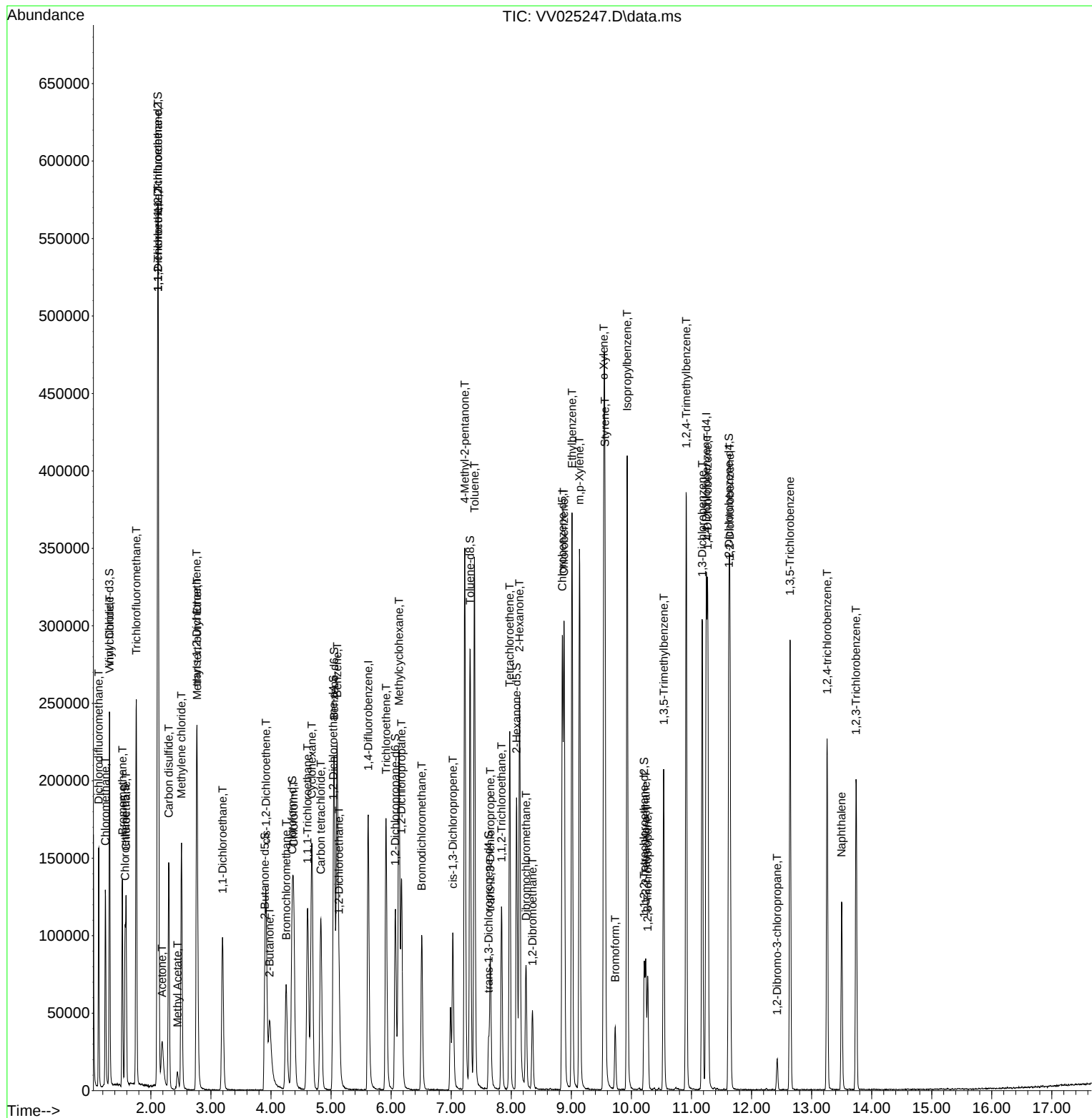
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.134	62	56434	5.117	ug/L	96
29) 1,1,1-Trichloroethane	4.609	97	95522	5.083	ug/L	98
30) Cyclohexane	4.680	56	80085	4.766	ug/L	96
31) Carbon tetrachloride	4.831	117	82387	5.065	ug/L	100
33) Benzene	5.101	78	233402	5.120	ug/L	100
34) Trichloroethene	5.915	95	61049	4.877	ug/L	97
35) Methylcyclohexane	6.130	83	91138	4.647	ug/L	98
37) 1,2-Dichloropropane	6.172	63	54553	5.159	ug/L	98
38) Bromodichloromethane	6.510	83	65978	4.925	ug/L	95
39) cis-1,3-Dichloropropene	7.027	75	62034	4.524	ug/L	99
40) 4-Methyl-2-pentanone	7.227	43	210665	49.897	ug/L	100
42) Toluene	7.387	91	252284	5.184	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	50276	4.664	ug/L	93
45) 1,1,2-Trichloroethane	7.838	97	37483	5.177	ug/L	98
47) Tetrachloroethene	7.976	164	50346	5.455	ug/L	98
48) 2-Hexanone	8.137	43	148703	49.245	ug/L	99
49) Dibromochloromethane	8.246	129	39367	5.053	ug/L	98
50) 1,2-Dibromoethane	8.352	107	33550	4.974	ug/L #	96
51) Chlorobenzene	8.879	112	159938	5.089	ug/L	99
52) Ethylbenzene	9.011	91	259238	5.022	ug/L	97
53) m,p-Xylene	9.137	106	102663	5.114	ug/L	98
54) o-Xylene	9.542	106	99249	5.172	ug/L	99
55) Styrene	9.561	104	167799	5.318	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.239	83	38384	5.086	ug/L	100
59) Bromoform	9.731	173	16288	5.074	ug/L	96
60) Isopropylbenzene	9.931	105	260604	5.003	ug/L	100
61) 1,2,3-Trichloropropane	10.272	75	28864	4.857	ug/L	96
62) 1,3,5-Trimethylbenzene	10.538	105	110838	4.746	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	205586	4.934	ug/L	98
64) 1,3-Dichlorobenzene	11.182	146	124199	5.091	ug/L	98
65) 1,4-Dichlorobenzene	11.272	146	120048	4.914	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	109110	5.083	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	4643	4.364	ug/L	87
69) 1,3,5-Trichlorobenzene	12.641	180	85740	4.873	ug/L	97
70) 1,2,4-trichlorobenzene	13.259	180	63250	4.764	ug/L	99
71) Naphthalene	13.500	128	94556	4.570	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	57098	4.991	ug/L	98

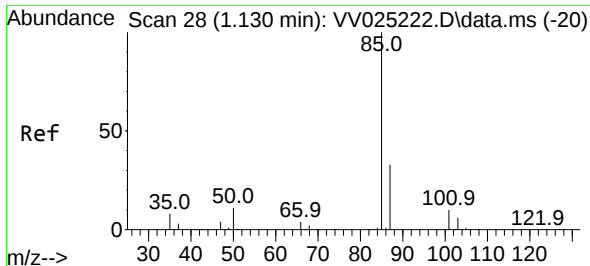
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Instrument :
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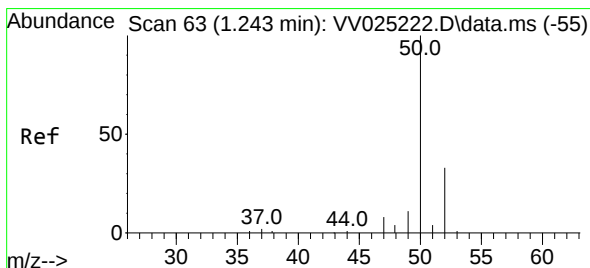
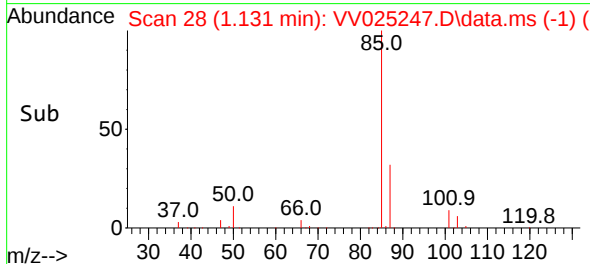
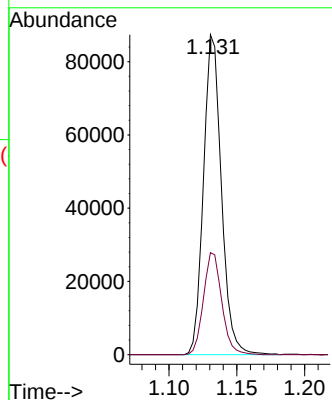
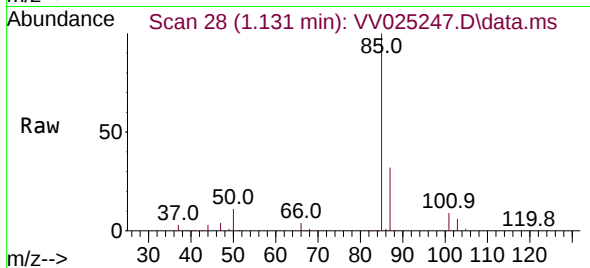




#2
 Dichlorodifluoromethane
 Concen: 5.036 ug/L
 RT: 1.131 min Scan# 28
 Delta R.T. 0.000 min
 Lab File: VV025247.D
 Acq: 27 Mar 2022 10:46

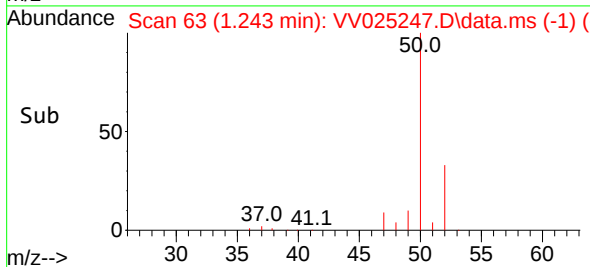
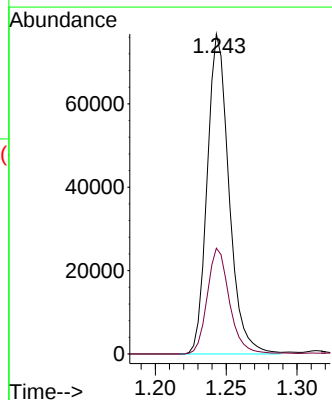
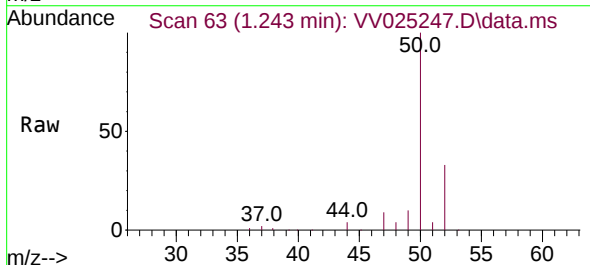
Instrument :
 MSVOA_V
 ClientSampleId :
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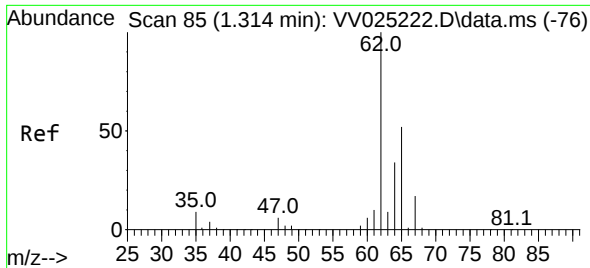
Tgt Ion: 85 Resp: 80267
 Ion Ratio Lower Upper
 85 100
 87 32.6 25.8 38.6



#3
 Chloromethane
 Concen: 4.375 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. 0.000 min
 Lab File: VV025247.D
 Acq: 27 Mar 2022 10:46

Tgt Ion: 50 Resp: 82238
 Ion Ratio Lower Upper
 50 100
 52 33.1 22.9 42.5

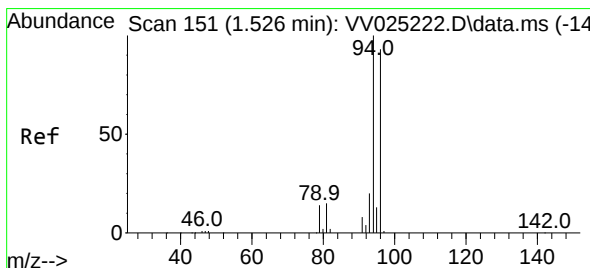
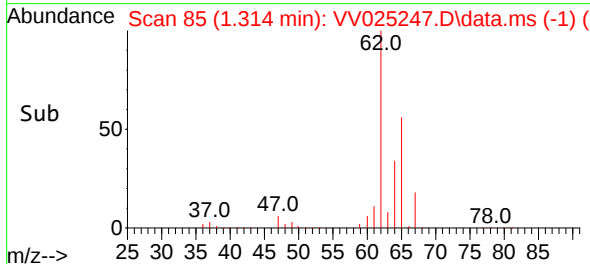
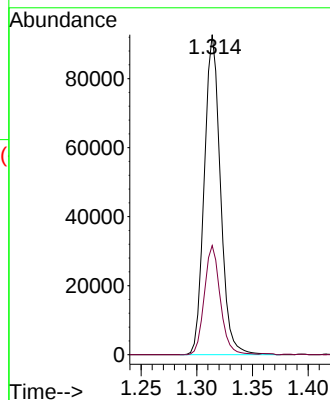
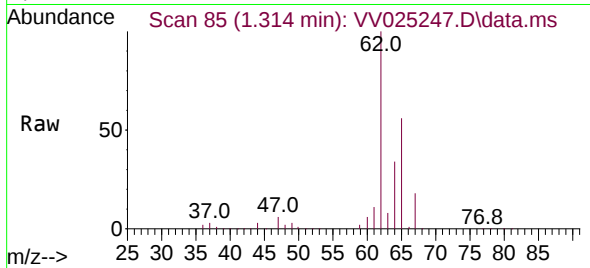




#5
 Vinyl chloride
 Concen: 4.457 ug/L
 RT: 1.314 min Scan# 85
 Delta R.T. 0.000 min
 Lab File: VV025247.D
 Acq: 27 Mar 2022 10:46

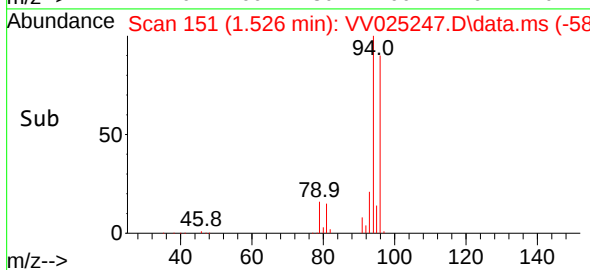
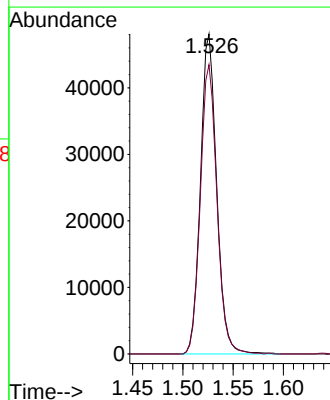
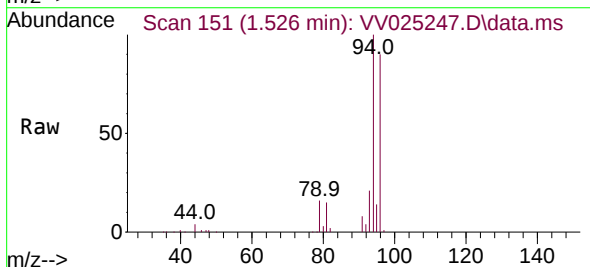
Instrument :
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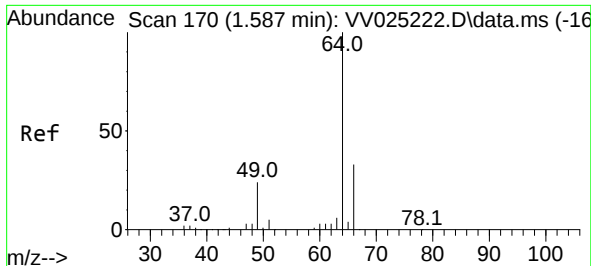
Tgt Ion: 62 Resp: 93584
 Ion Ratio Lower Upper
 62 100
 64 34.1 22.0 40.8



#6
 Bromomethane
 Concen: 4.327 ug/L
 RT: 1.526 min Scan# 151
 Delta R.T. 0.000 min
 Lab File: VV025247.D
 Acq: 27 Mar 2022 10:46

Tgt Ion: 94 Resp: 53930
 Ion Ratio Lower Upper
 94 100
 96 90.4 65.5 121.7

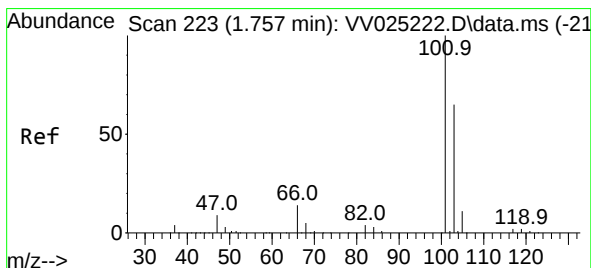
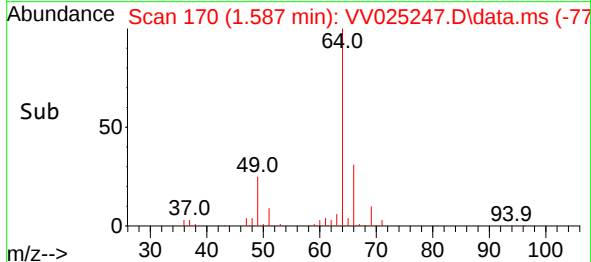
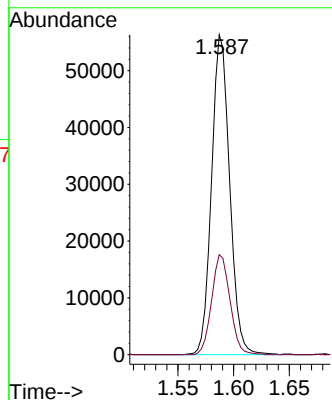
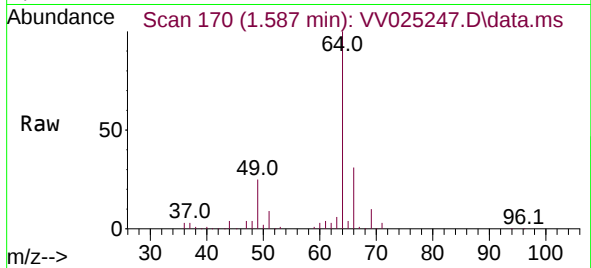




#8
Chloroethane
Concen: 4.825 ug/L
RT: 1.587 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV025247.D
Acq: 27 Mar 2022 10:46

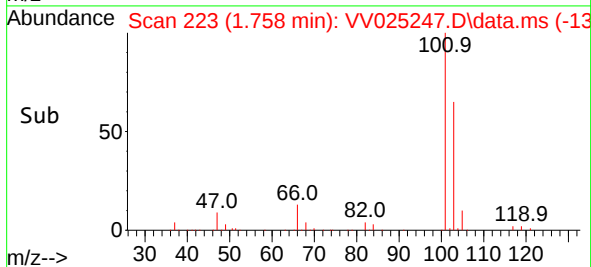
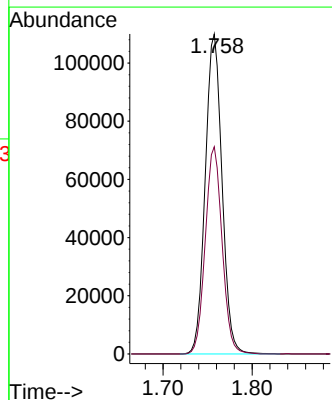
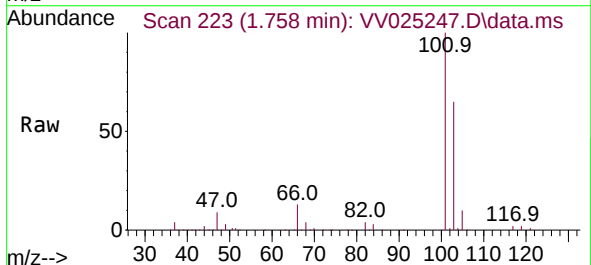
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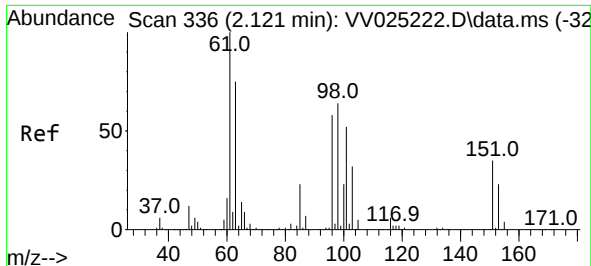
Tgt Ion: 64 Resp: 63572
Ion Ratio Lower Upper
64 100
66 31.2 23.5 43.7



#9
Trichlorofluoromethane
Concen: 5.054 ug/L
RT: 1.758 min Scan# 223
Delta R.T. 0.000 min
Lab File: VV025247.D
Acq: 27 Mar 2022 10:46

Tgt Ion:101 Resp: 143450
Ion Ratio Lower Upper
101 100
103 64.8 52.2 78.2

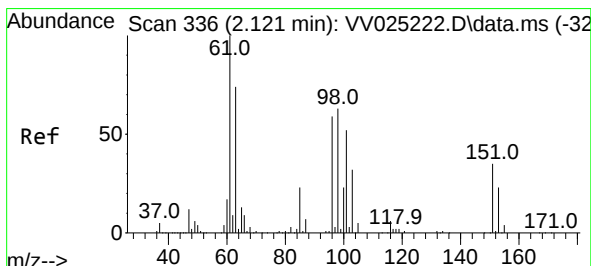
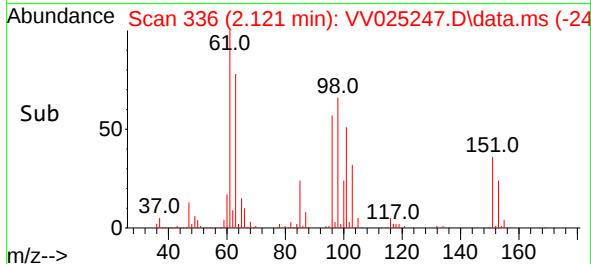
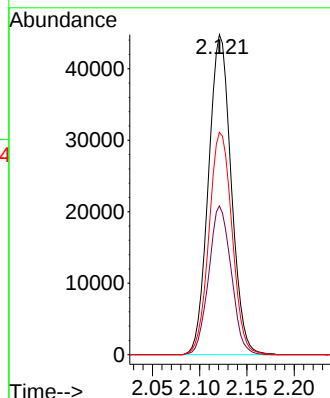
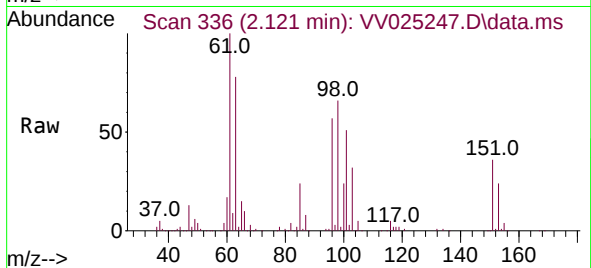




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.446 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. 0.000 min
 Lab File: VV025247.D
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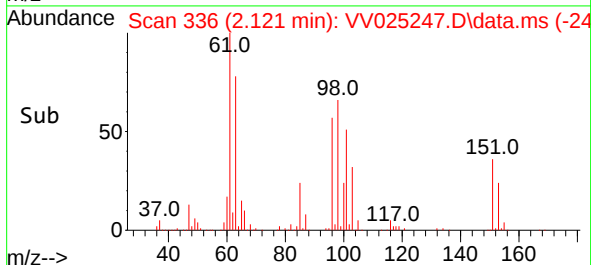
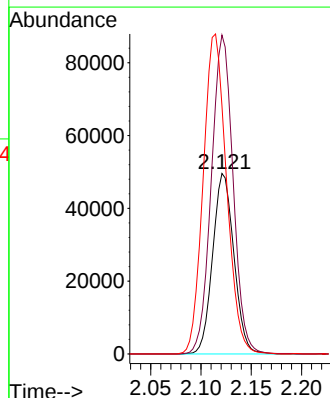
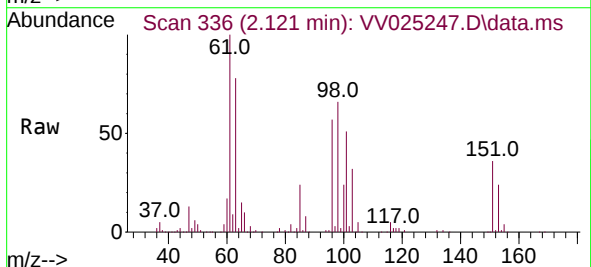
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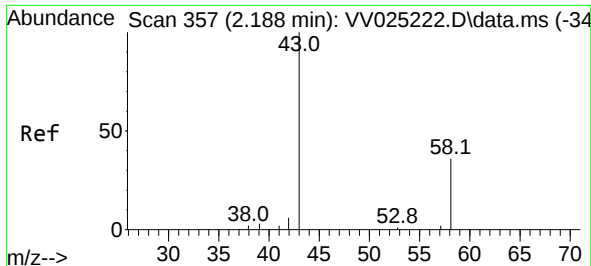
Tgt Ion:101 Resp: 74957
 Ion Ratio Lower Upper
 101 100
 85 45.7 36.0 54.0
 151 70.5 54.6 81.8



#12
 1,1-Dichloroethene
 Concen: 4.541 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. 0.000 min
 Lab File: VV025247.D
 Acq: 27 Mar 2022 10:46

Tgt Ion: 96 Resp: 72954
 Ion Ratio Lower Upper
 96 100
 61 176.7 121.5 225.7
 63 137.5 77.9 144.7





#13

Acetone

Concen: 49.353 ug/L

RT: 2.188 min Scan# 357

Delta R.T. 0.000 min

Lab File: VV025247.D

Acq: 27 Mar 2022 10:46

Instrument :

MSVOA_V

ClientSampleId :

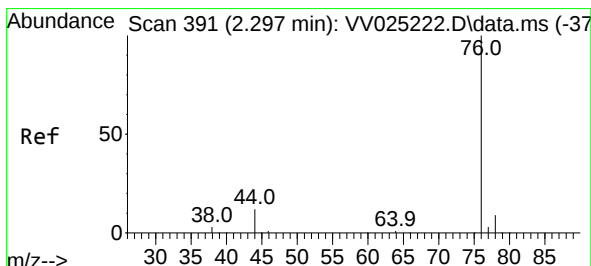
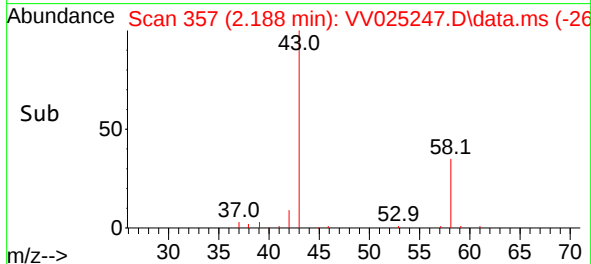
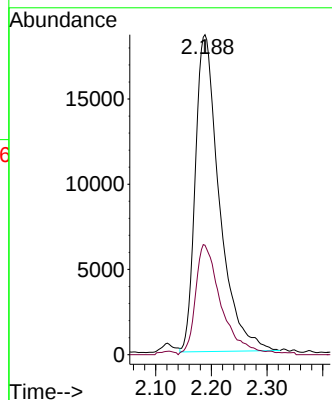
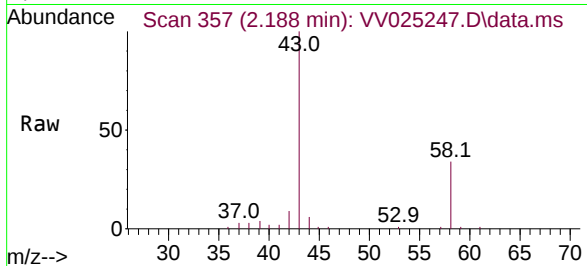
VSTD005352

Tgt Ion: 43 Resp: 55912

Ion Ratio Lower Upper

43 100

58 36.6 0.0 51.2



#14

Carbon disulfide

Concen: 5.018 ug/L

RT: 2.298 min Scan# 391

Delta R.T. 0.000 min

Lab File: VV025247.D

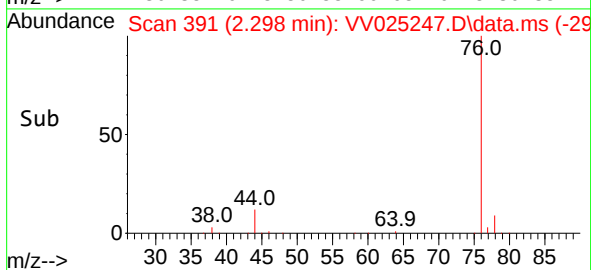
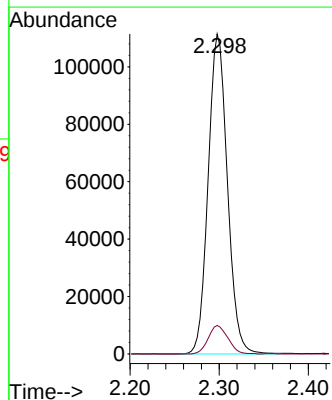
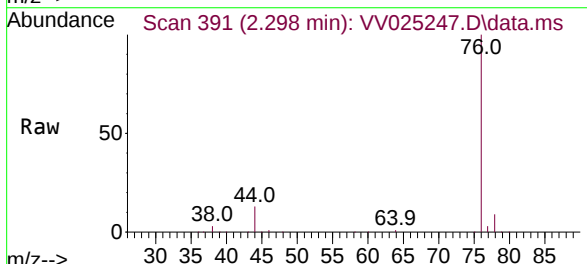
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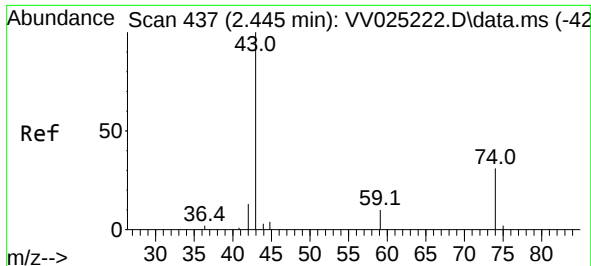
Tgt Ion: 76 Resp: 167007

Ion Ratio Lower Upper

76 100

78 8.9 7.0 10.4

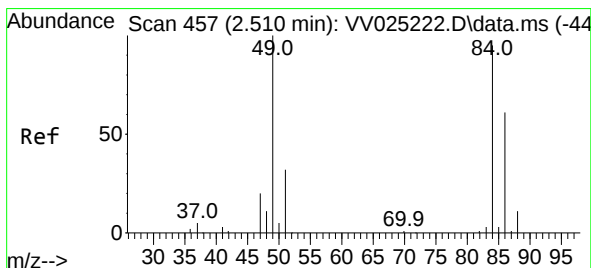
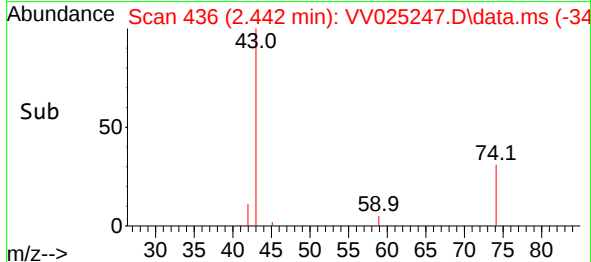
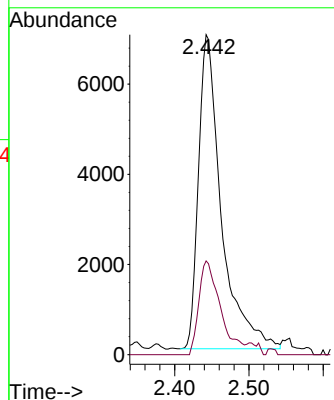
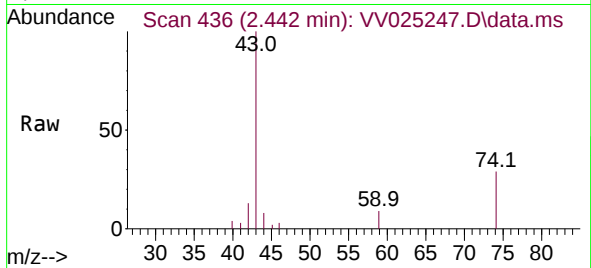




#15
Methyl Acetate
Concen: 5.780 ug/L
RT: 2.442 min Scan# 41
Delta R.T. -0.003 min
Lab File: VV025247.D
Acq: 27 Mar 2022 10:46

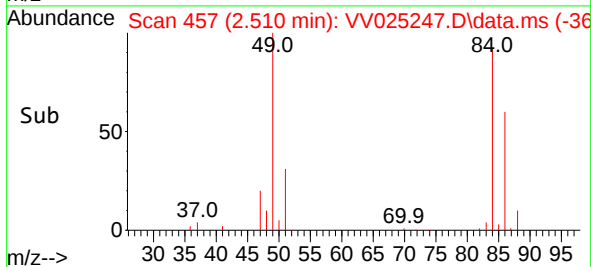
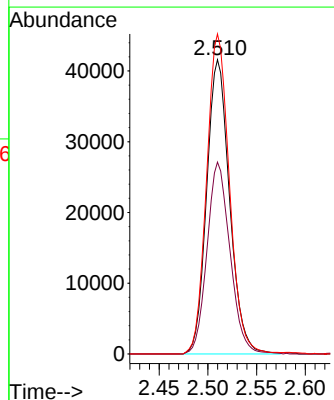
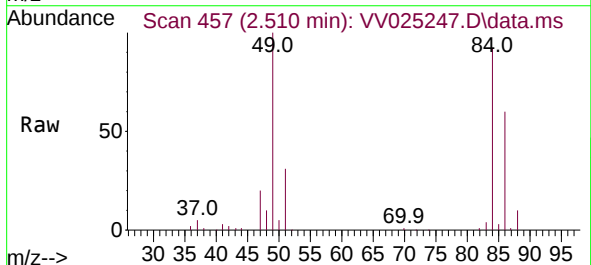
Instrument :
MSVOA_V
ClientSampleId :
VSTD005352

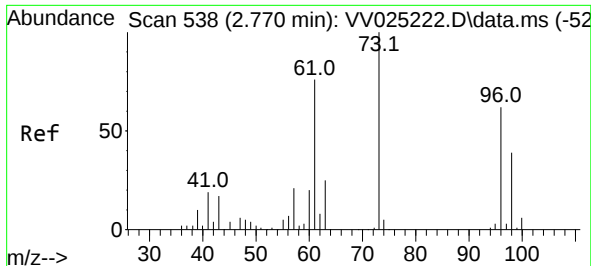
Tgt Ion: 43 Resp: 14907
Ion Ratio Lower Upper
43 100
74 28.0 20.9 31.3



#16
Methylene chloride
Concen: 5.398 ug/L
RT: 2.510 min Scan# 457
Delta R.T. 0.000 min
Lab File: VV025247.D
Acq: 27 Mar 2022 10:46

Tgt Ion: 84 Resp: 68093
Ion Ratio Lower Upper
84 100
86 65.2 43.5 80.7
49 108.7 74.5 138.3

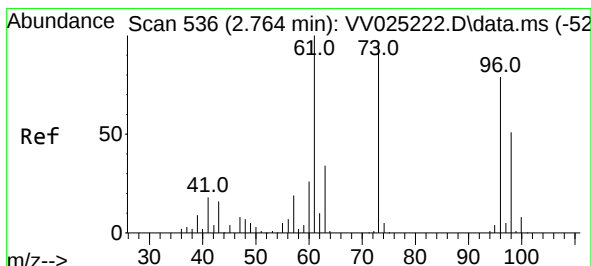
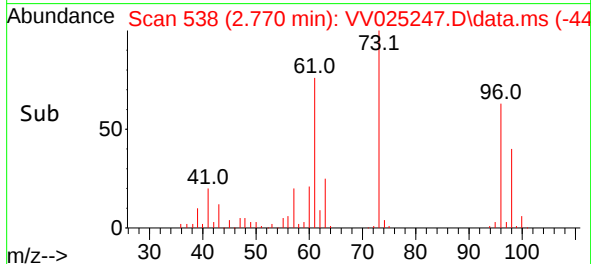
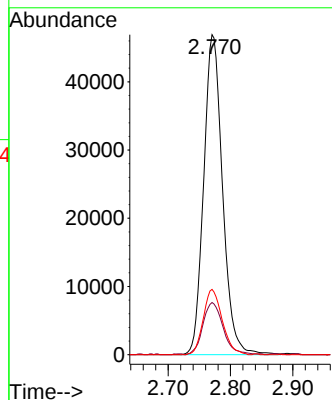
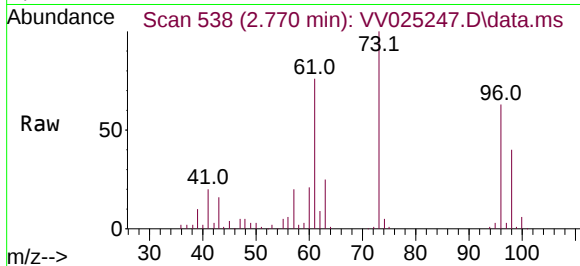




#17
Methyl tert-butyl Ether
Concen: 4.862 ug/L
RT: 2.770 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV025247.D
Acq: 27 Mar 2022 10:46

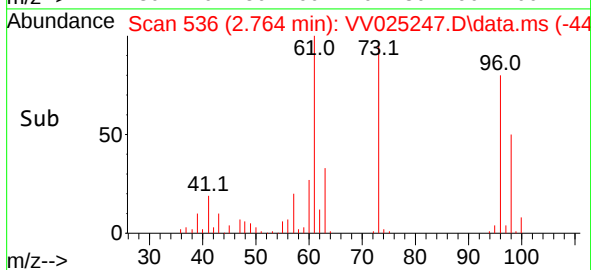
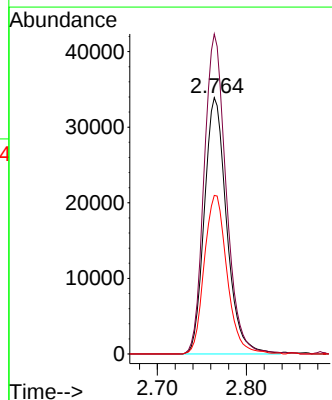
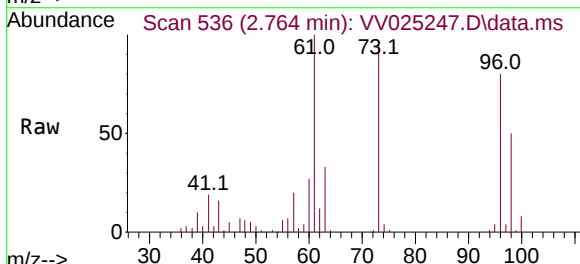
Instrument :
MSVOA_V
ClientSampleId :
VSTD005352

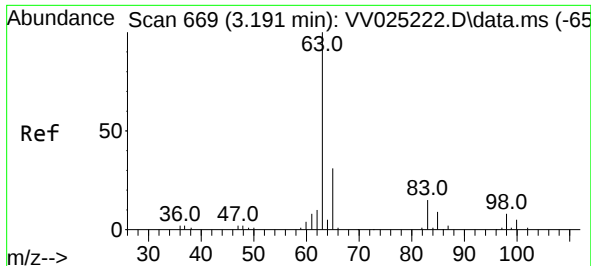
Tgt Ion: 73 Resp: 98820
Ion Ratio Lower Upper
73 100
43 17.5 13.5 20.3
57 20.5 16.4 24.6



#18
trans-1,2-Dichloroethene
Concen: 5.103 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.000 min
Lab File: VV025247.D
Acq: 27 Mar 2022 10:46

Tgt Ion: 96 Resp: 58841
Ion Ratio Lower Upper
96 100
61 124.9 87.6 162.8
98 61.9 44.0 81.8





#19

1,1-Dichloroethane

Concen: 5.141 ug/L

RT: 3.195 min Scan# 61

Delta R.T. 0.003 min

Lab File: VV025247.D

Acq: 27 Mar 2022 10:46

Instrument :

MSVOA_V

ClientSampleId :

VSTD005352

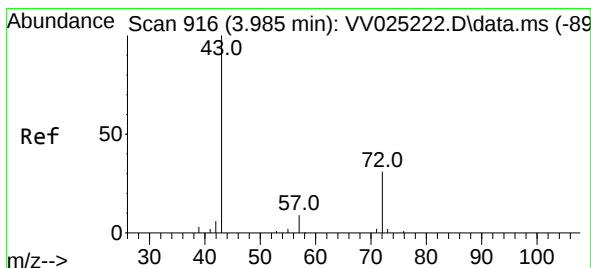
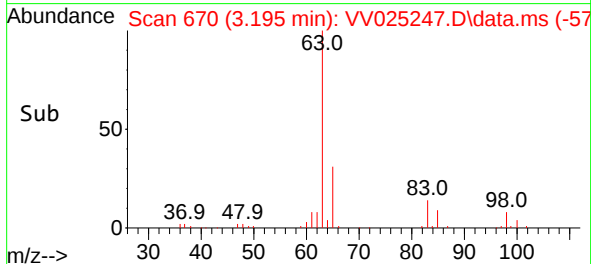
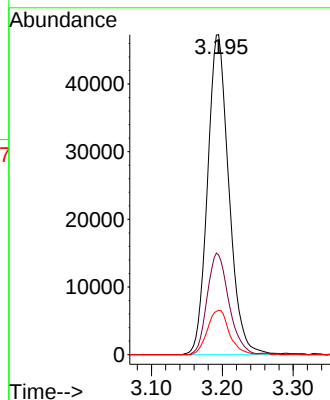
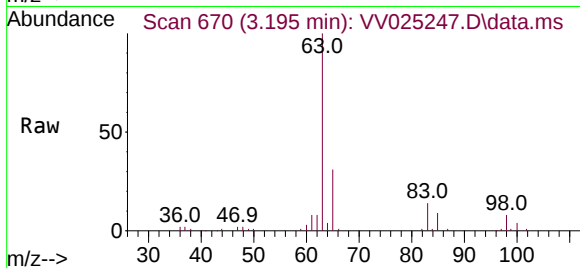
Tgt Ion: 63 Resp: 98958

Ion Ratio Lower Upper

63 100

65 31.2 22.0 40.8

83 13.9 10.2 19.0



#21

2-Butanone

Concen: 51.828 ug/L

RT: 3.979 min Scan# 914

Delta R.T. -0.006 min

Lab File: VV025247.D

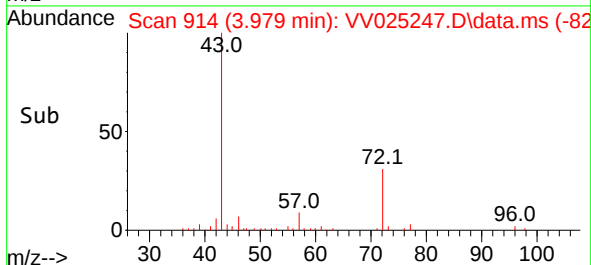
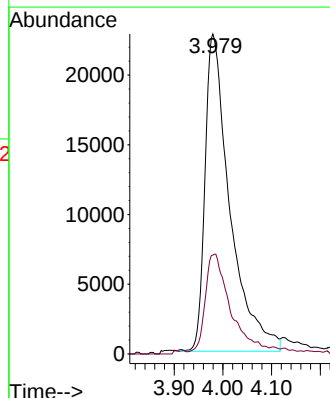
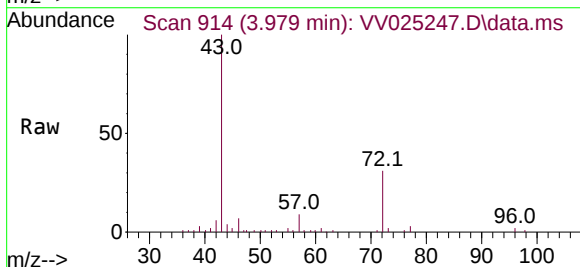
Acq: 27 Mar 2022 10:46

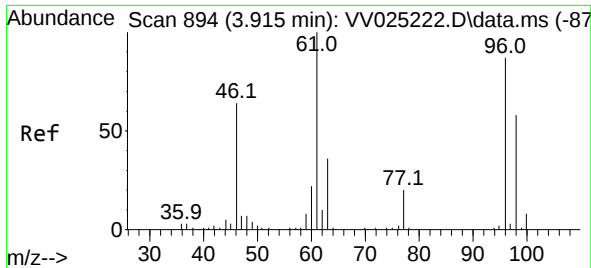
Tgt Ion: 43 Resp: 80793

Ion Ratio Lower Upper

43 100

72 30.9 11.8 35.4

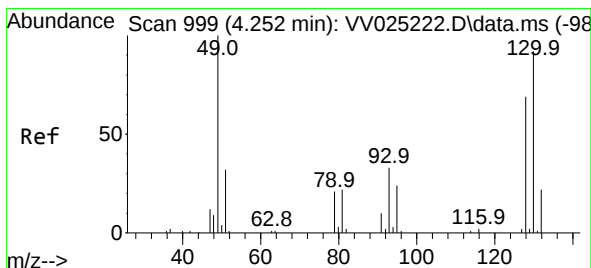
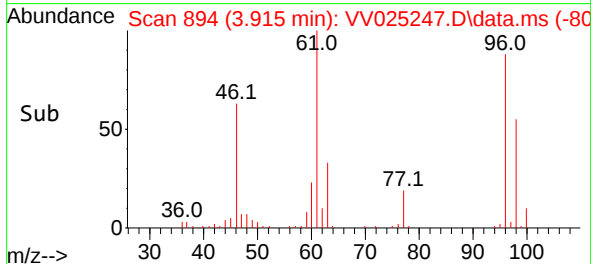
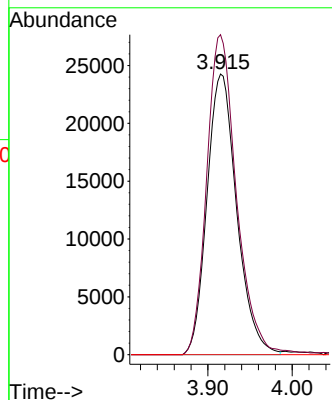
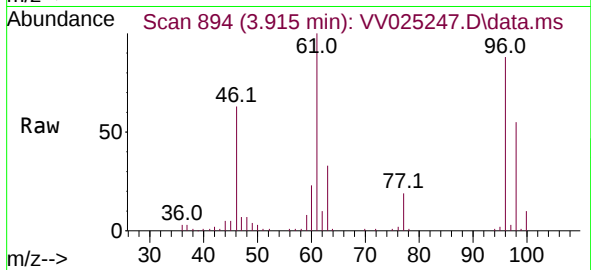




#22
 cis-1,2-Dichloroethene
 Concen: 5.083 ug/L
 RT: 3.915 min Scan# 894
 Delta R.T. 0.000 min
 Lab File: VV025247.D
 Acq: 27 Mar 2022 10:46

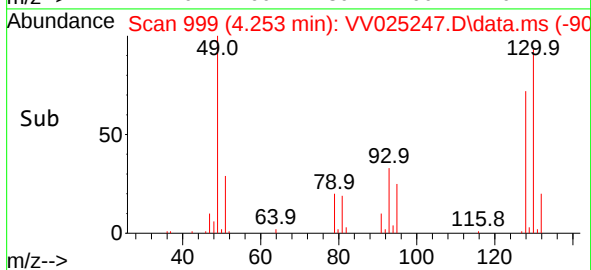
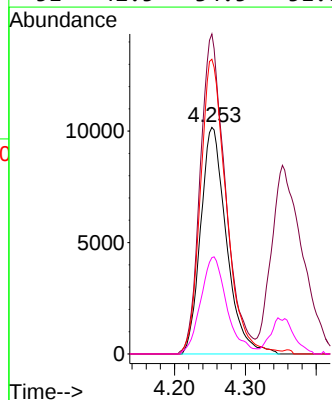
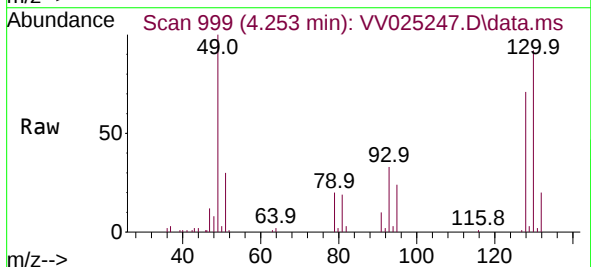
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005352

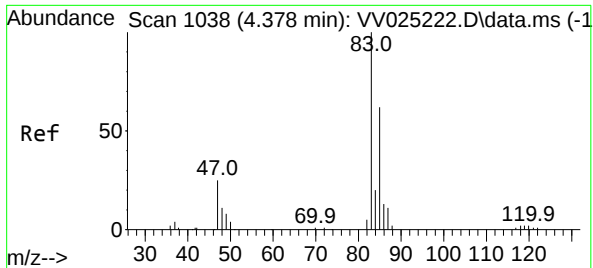
Tgt Ion: 96 Resp: 59538
 Ion Ratio Lower Upper
 96 100
 61 114.0 84.1 156.1
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 5.261 ug/L
 RT: 4.253 min Scan# 999
 Delta R.T. 0.000 min
 Lab File: VV025247.D
 Acq: 27 Mar 2022 10:46

Tgt Ion: 128 Resp: 25706
 Ion Ratio Lower Upper
 128 100
 49 141.2 101.4 188.4
 130 130.1 85.0 158.0
 51 42.5 34.5 51.7

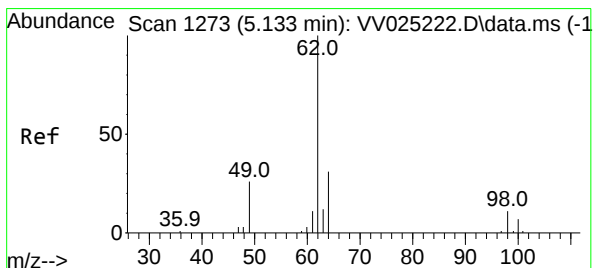
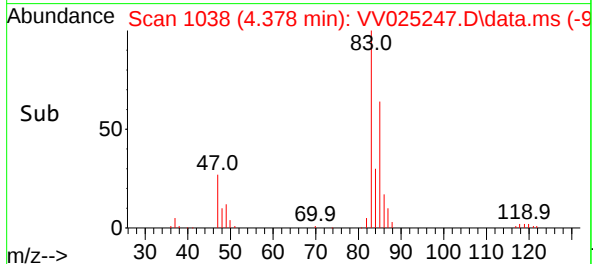
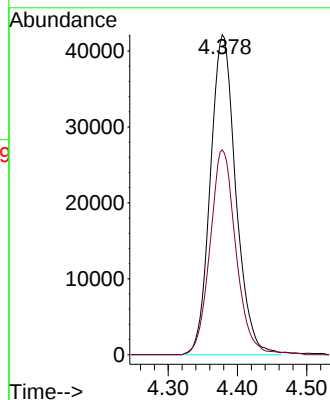
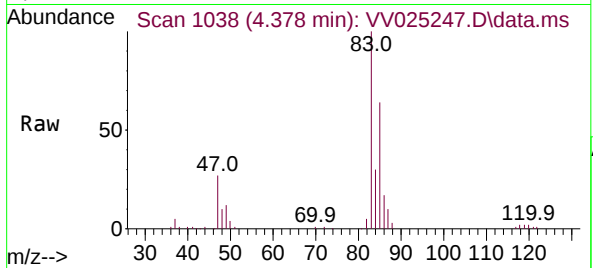




#25
Chloroform
Concen: 5.037 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VV025247.D
Acq: 27 Mar 2022 10:46

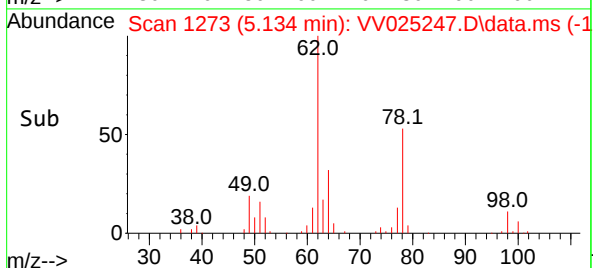
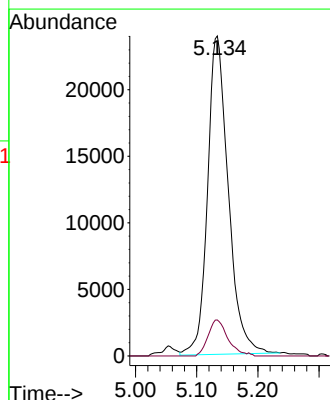
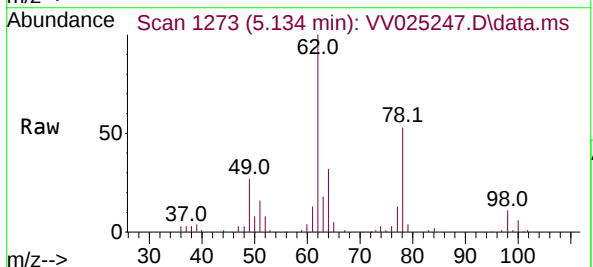
Instrument :
MSVOA_V
ClientSampleId :
VSTD005352

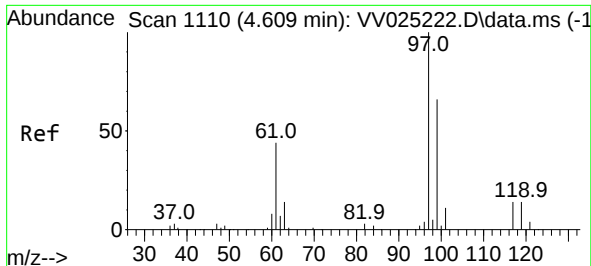
Tgt Ion: 83 Resp: 107584
Ion Ratio Lower Upper
83 100
85 64.0 44.7 82.9



#27
1,2-Dichloroethane
Concen: 5.117 ug/L
RT: 5.134 min Scan# 1273
Delta R.T. 0.000 min
Lab File: VV025247.D
Acq: 27 Mar 2022 10:46

Tgt Ion: 62 Resp: 56434
Ion Ratio Lower Upper
62 100
98 11.3 7.9 11.9

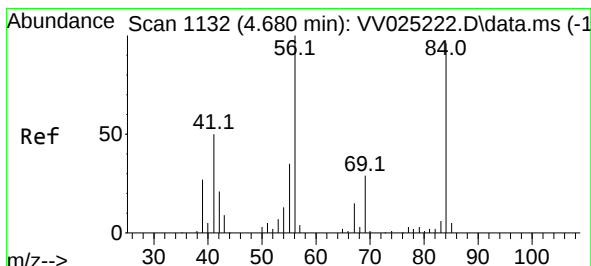
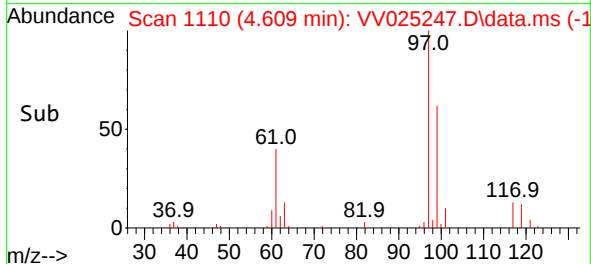
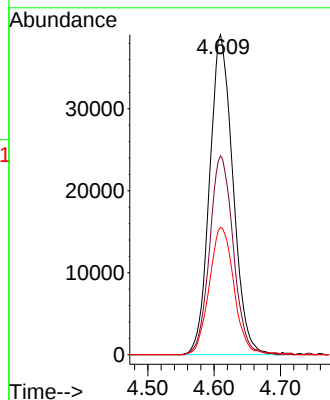
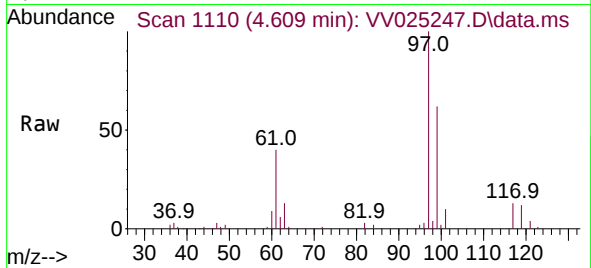




#29
1,1,1-Trichloroethane
Concen: 5.083 ug/L
RT: 4.609 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VV025247.D
Acq: 27 Mar 2022 10:46

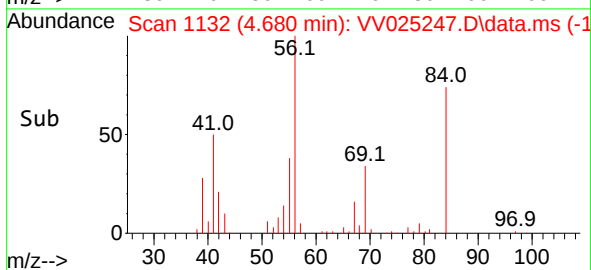
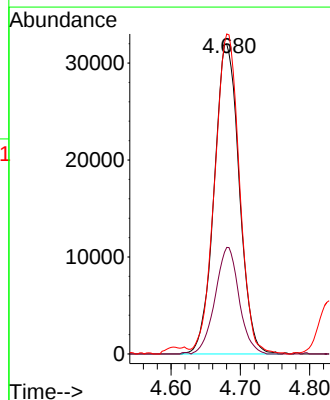
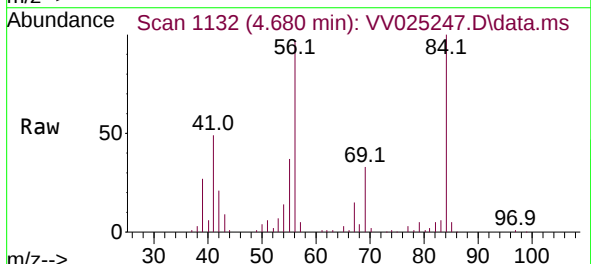
Instrument :
MSVOA_V
ClientSampleId :
VSTD005352

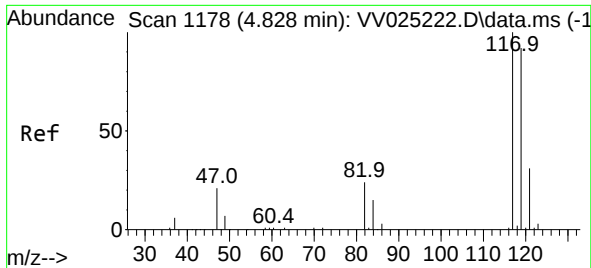
Tgt Ion: 97 Resp: 95522
Ion Ratio Lower Upper
97 100
99 63.0 51.9 77.9
61 42.1 34.2 51.2



#30
Cyclohexane
Concen: 4.766 ug/L
RT: 4.680 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VV025247.D
Acq: 27 Mar 2022 10:46

Tgt Ion: 56 Resp: 80085
Ion Ratio Lower Upper
56 100
69 32.9 25.3 37.9
84 102.5 78.4 117.6

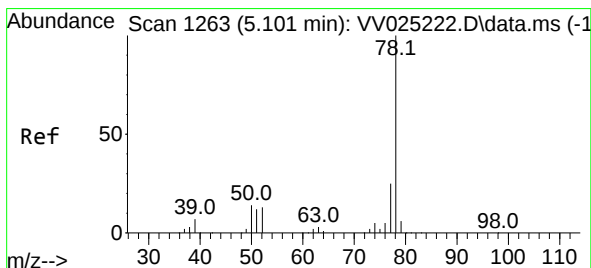
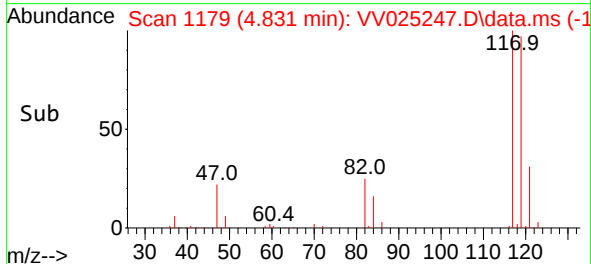
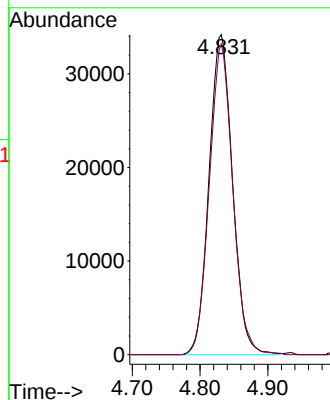
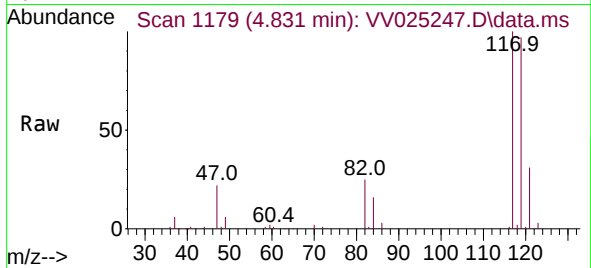




#31
Carbon tetrachloride
Concen: 5.065 ug/L
RT: 4.831 min Scan# 1178
Delta R.T. 0.003 min
Lab File: VV025247.D
Acq: 27 Mar 2022 10:46

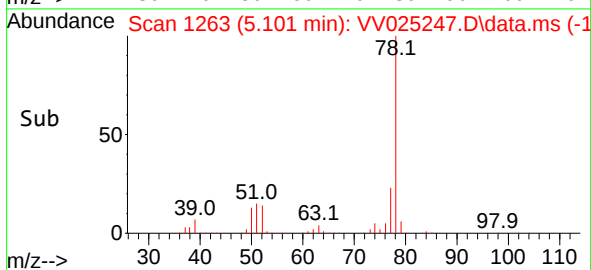
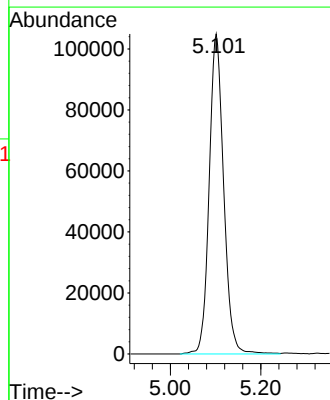
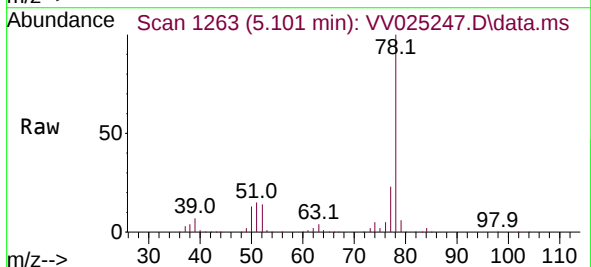
Instrument :
MSVOA_V
ClientSampleId :
VSTD005352

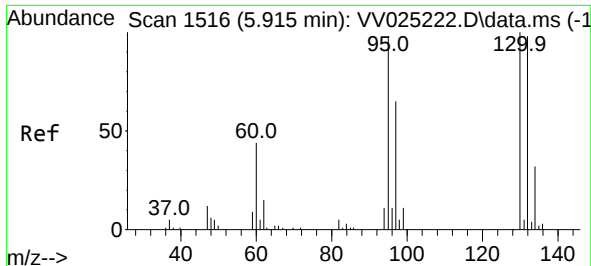
Tgt Ion:117 Resp: 82387
Ion Ratio Lower Upper
117 100
119 96.9 77.8 116.6



#33
Benzene
Concen: 5.120 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.000 min
Lab File: VV025247.D
Acq: 27 Mar 2022 10:46

Tgt Ion: 78 Resp: 233402

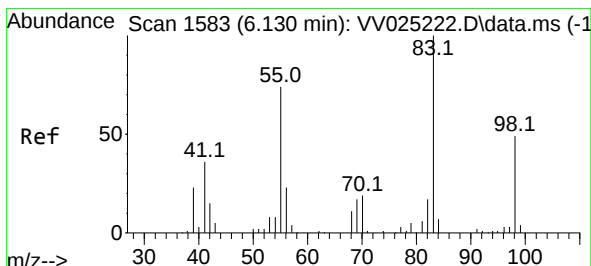
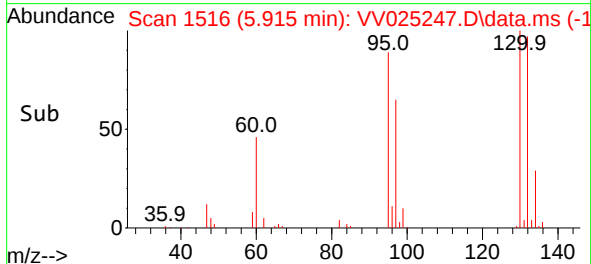
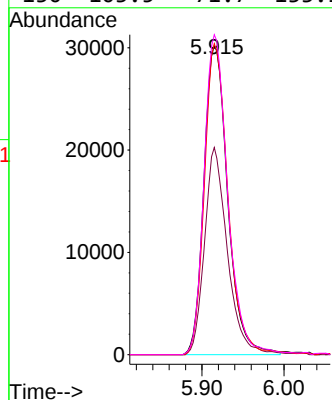
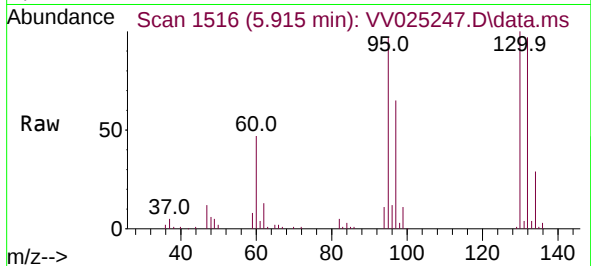




#34
Trichloroethene
Concen: 4.877 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VV025247.D
Acq: 27 Mar 2022 10:46

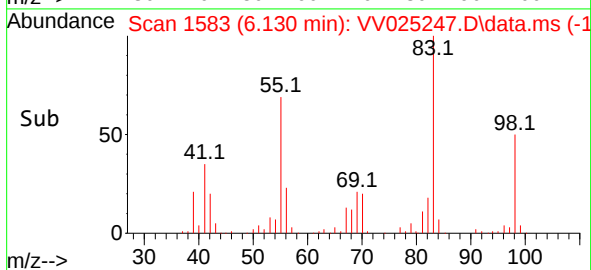
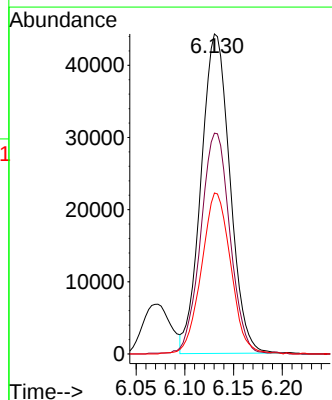
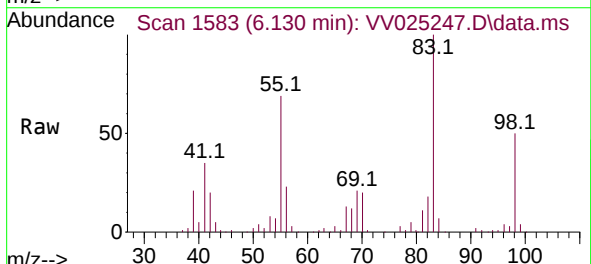
Instrument :
MSVOA_V
ClientSampleId :
VSTD005352

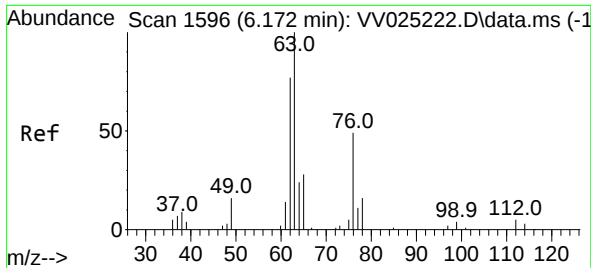
Tgt Ion: 95 Resp: 61049
Ion Ratio Lower Upper
95 100
97 67.0 46.3 85.9
132 100.6 65.2 121.2
130 103.5 71.7 133.1



#35
Methylcyclohexane
Concen: 4.647 ug/L
RT: 6.130 min Scan# 1583
Delta R.T. 0.000 min
Lab File: VV025247.D
Acq: 27 Mar 2022 10:46

Tgt Ion: 83 Resp: 91138
Ion Ratio Lower Upper
83 100
55 70.2 54.6 81.8
98 51.2 39.8 59.6





#37

1,2-Dichloropropane

Concen: 5.159 ug/L

RT: 6.172 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV025247.D

Acq: 27 Mar 2022 10:46

Instrument :

MSVOA_V

ClientSampleId :

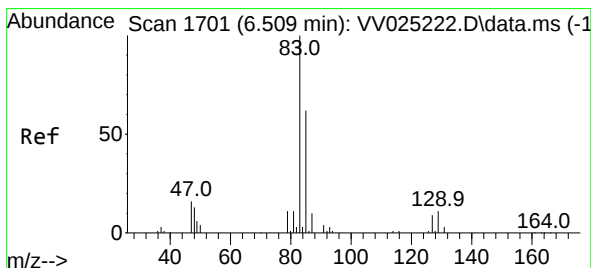
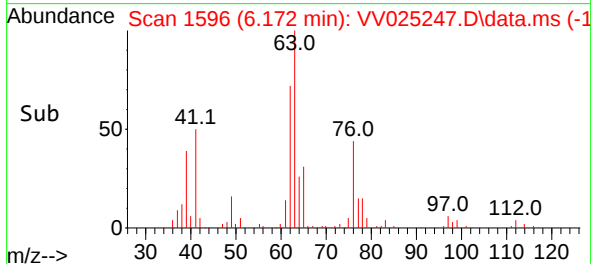
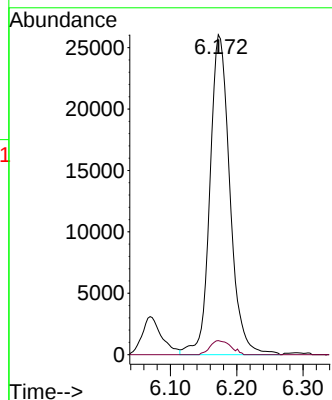
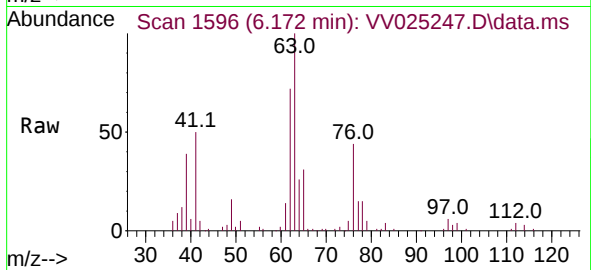
VSTD005352

Tgt Ion: 63 Resp: 54553

Ion Ratio Lower Upper

63 100

112 4.5 4.2 6.2



#38

Bromodichloromethane

Concen: 4.925 ug/L

RT: 6.510 min Scan# 1701

Delta R.T. 0.000 min

Lab File: VV025247.D

Acq: 27 Mar 2022 10:46

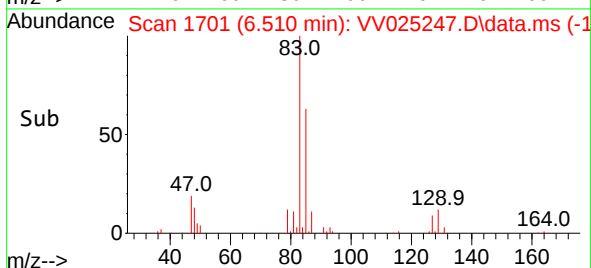
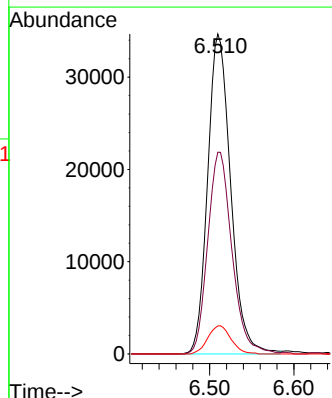
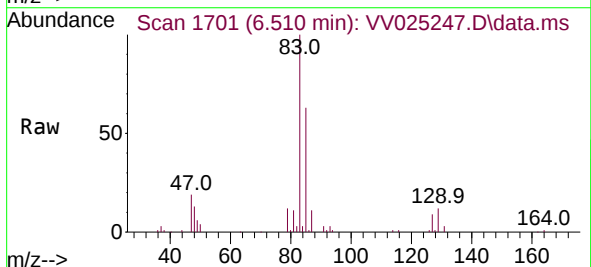
Tgt Ion: 83 Resp: 65978

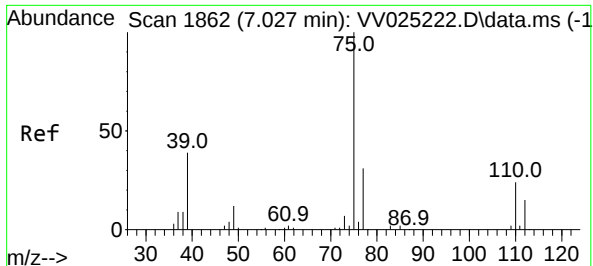
Ion Ratio Lower Upper

83 100

85 63.1 47.2 87.6

127 8.8 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 4.524 ug/L

RT: 7.027 min Scan# 1862

Delta R.T. 0.000 min

Lab File: VV025247.D

Acq: 27 Mar 2022 10:46

Instrument :

MSVOA_V

ClientSampleId :

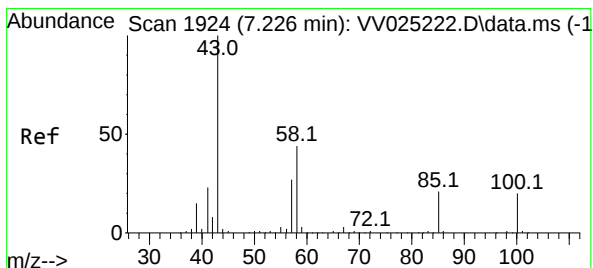
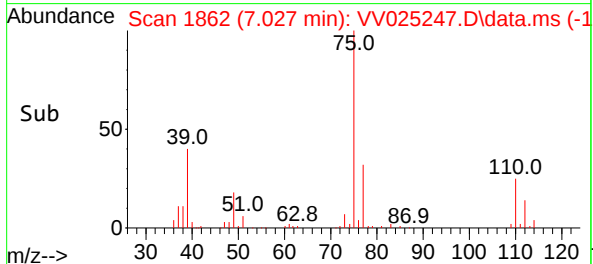
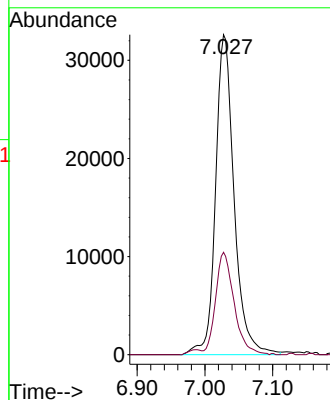
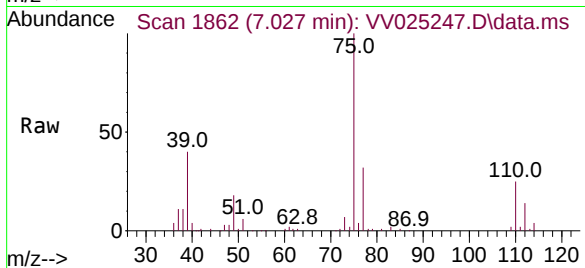
VSTD005352

Tgt Ion: 75 Resp: 62034

Ion Ratio Lower Upper

75 100

77 32.0 22.1 41.1



#40

4-Methyl-2-pentanone

Concen: 49.897 ug/L

RT: 7.227 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VV025247.D

Acq: 27 Mar 2022 10:46

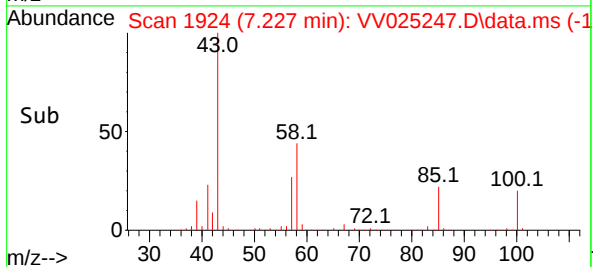
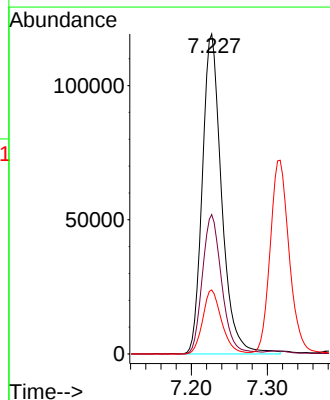
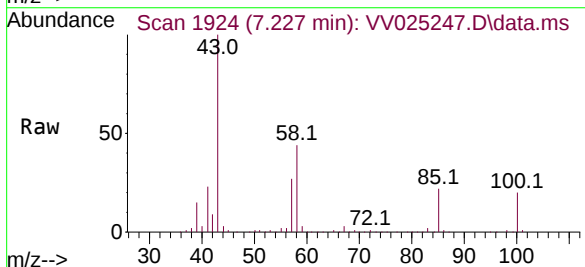
Tgt Ion: 43 Resp: 210665

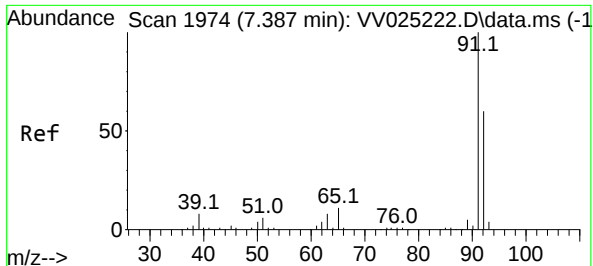
Ion Ratio Lower Upper

43 100

58 43.7 35.1 52.7

100 19.6 15.5 23.3





#42

Toluene

Concen: 5.184 ug/L

RT: 7.387 min Scan# 1974

Delta R.T. 0.000 min

Lab File: VV025247.D

Acq: 27 Mar 2022 10:46

Instrument :

MSVOA_V

ClientSampleId :

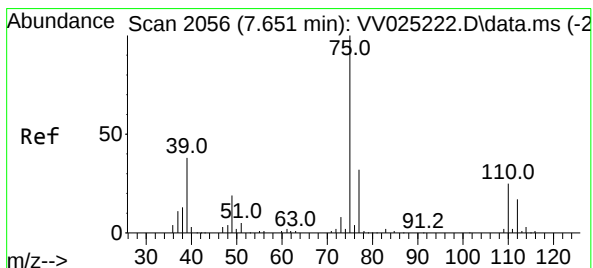
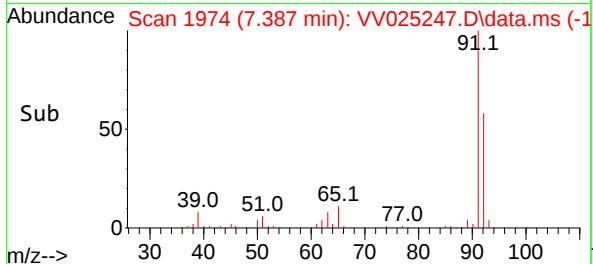
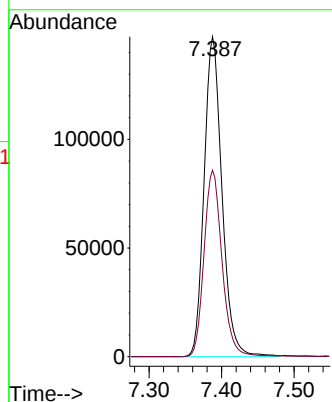
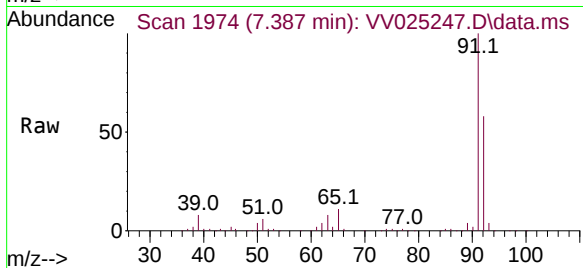
VSTD005352

Tgt Ion: 91 Resp: 252284

Ion Ratio Lower Upper

91 100

92 58.3 40.3 74.9



#44

trans-1,3-Dichloropropene

Concen: 4.664 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VV025247.D

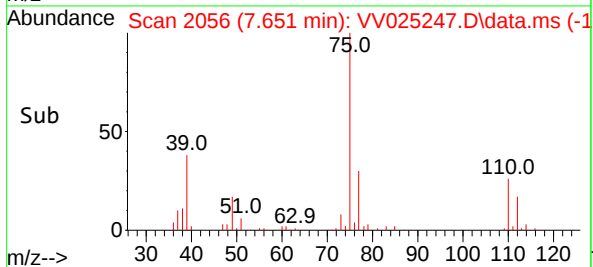
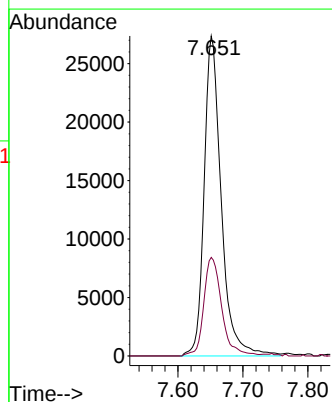
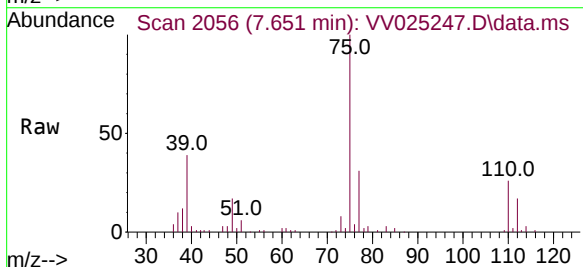
Acq: 27 Mar 2022 10:46

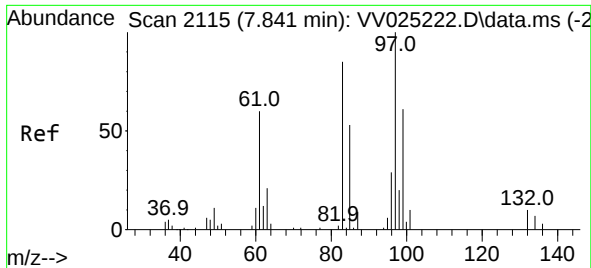
Tgt Ion: 75 Resp: 50276

Ion Ratio Lower Upper

75 100

77 30.8 24.2 45.0

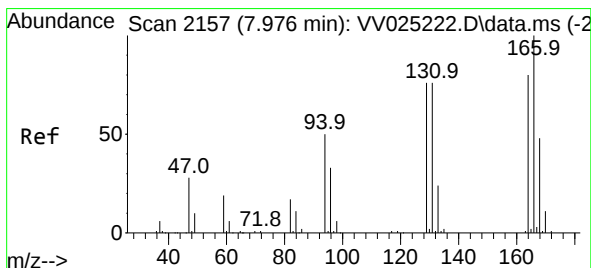
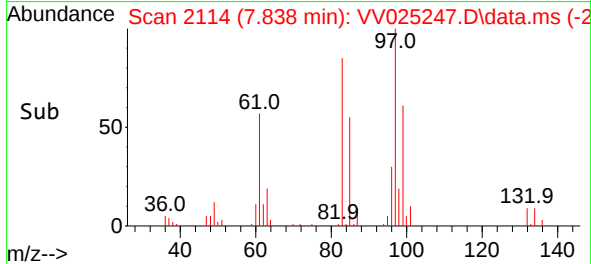
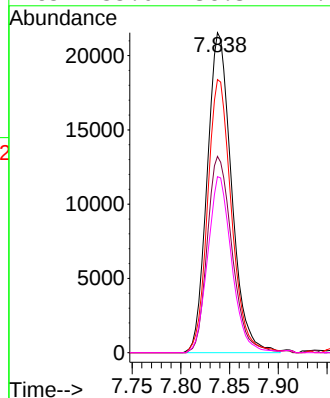
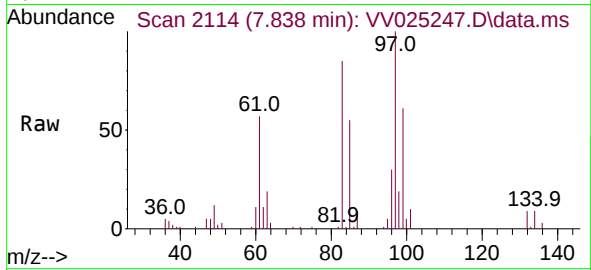




#45
1,1,2-Trichloroethane
Concen: 5.177 ug/L
RT: 7.838 min Scan# 2114
Delta R.T. -0.003 min
Lab File: VV025247.D
Acq: 27 Mar 2022 10:46

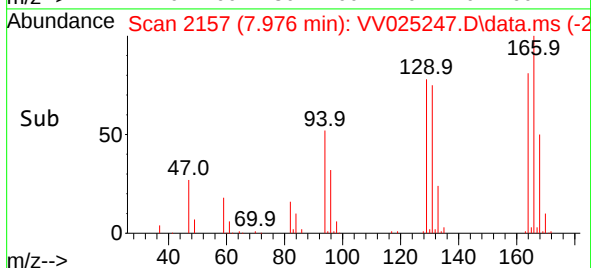
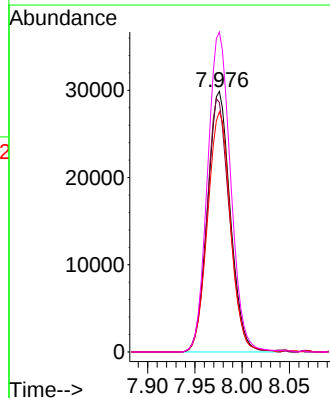
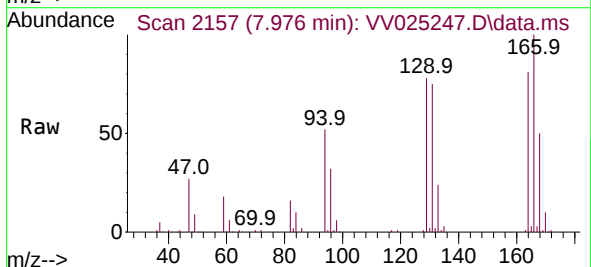
Instrument :
MSVOA_V
ClientSampleId :
VSTD005352

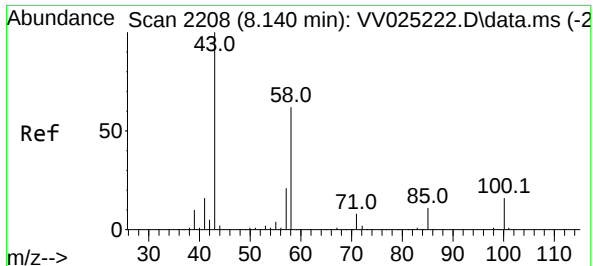
Tgt Ion: 97	Resp: 37483
Ion Ratio	Lower Upper
97 100	
99 61.4	43.3 80.5
83 85.4	58.0 107.6
85 55.0	38.3 71.1



#47
Tetrachloroethene
Concen: 5.455 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.000 min
Lab File: VV025247.D
Acq: 27 Mar 2022 10:46

Tgt	Ion:164	Resp:	50346
Ion	Ratio	Lower	Upper
164	100		
129	95.7	67.5	125.4
131	92.1	68.0	126.4
166	122.8	86.2	160.2

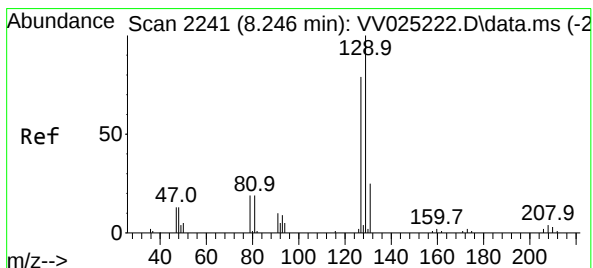
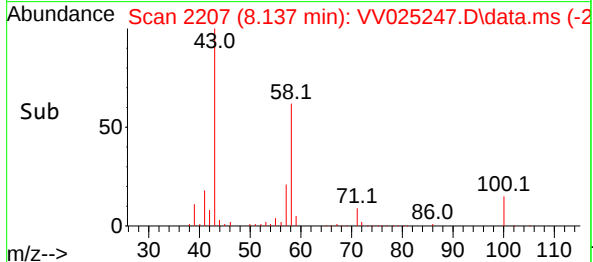
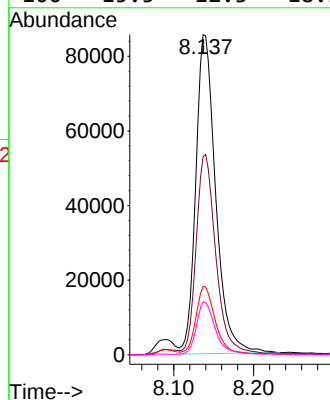
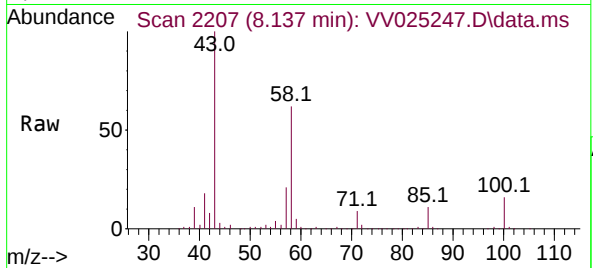




#48
2-Hexanone
Concen: 49.245 ug/L
RT: 8.137 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV025247.D
Acq: 27 Mar 2022 10:46

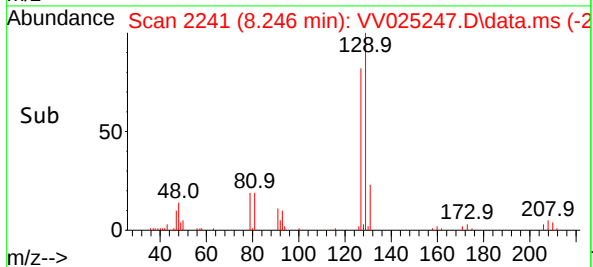
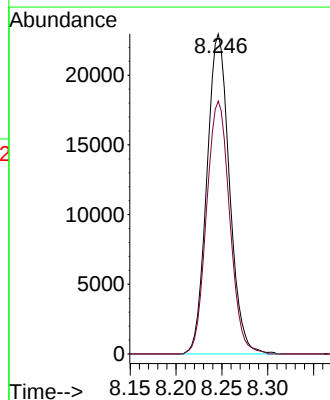
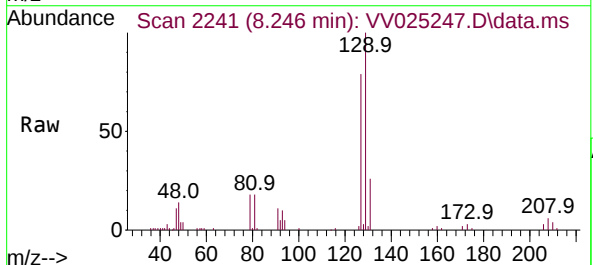
Instrument :
MSVOA_V
ClientSampleId :
VSTD005352

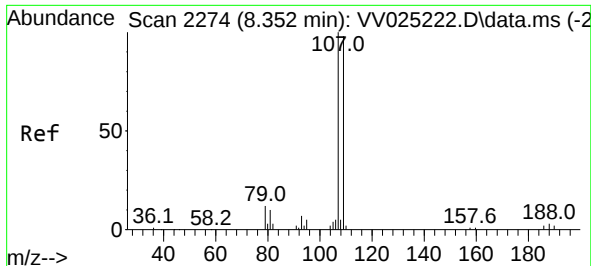
Tgt Ion: 43	Resp: 148703
Ion Ratio	Lower Upper
43 100	
58 61.1	48.5 72.7
57 20.4	16.9 25.3
100 15.5	12.3 18.5



#49
Dibromochloromethane
Concen: 5.053 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VV025247.D
Acq: 27 Mar 2022 10:46

Tgt Ion:129	Resp: 39367		
Ion Ratio	Lower	Upper	
129 100			
127 79.0	54.1	100.5	

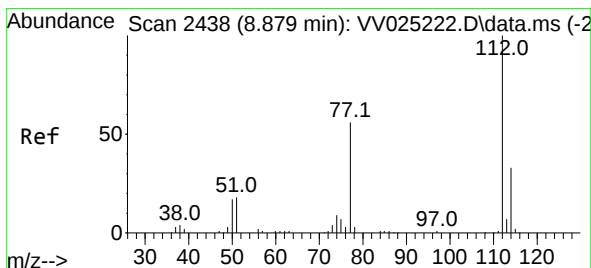
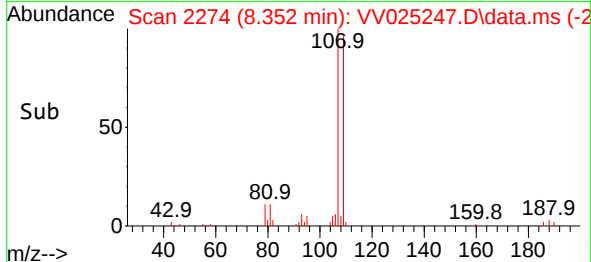
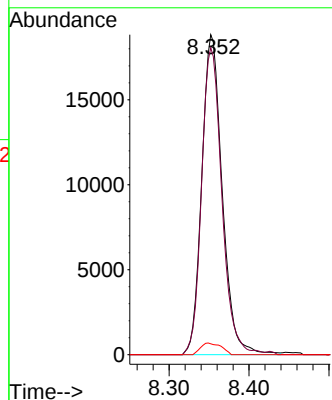
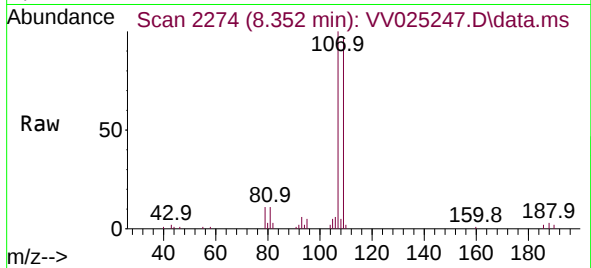




#50
 1,2-Dibromoethane
 Concen: 4.974 ug/L
 RT: 8.352 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV025247.D
 Acq: 27 Mar 2022 10:46

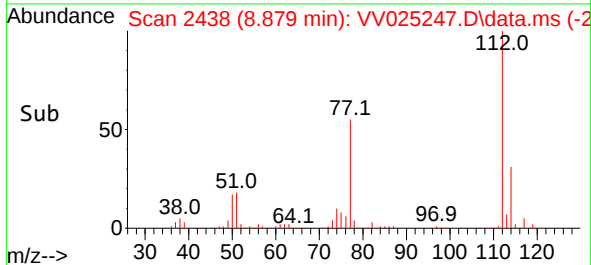
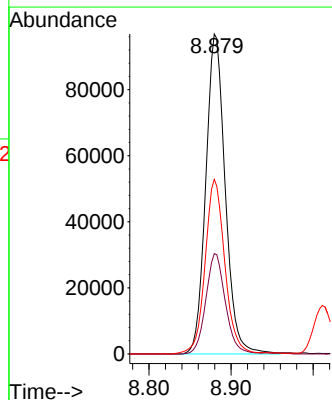
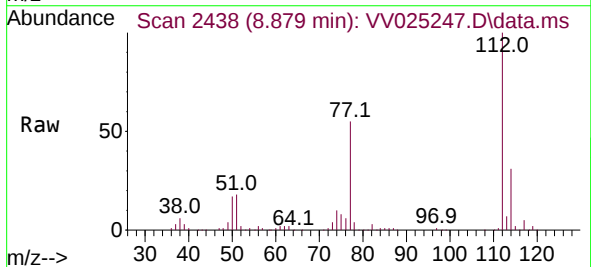
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005352

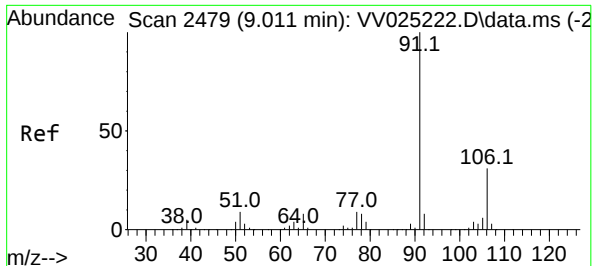
Tgt Ion:107 Resp: 33550
 Ion Ratio Lower Upper
 107 100
 109 95.9 64.7 120.1
 188 3.4 2.2 3.4#



#51
 Chlorobenzene
 Concen: 5.089 ug/L
 RT: 8.879 min Scan# 2438
 Delta R.T. 0.000 min
 Lab File: VV025247.D
 Acq: 27 Mar 2022 10:46

Tgt Ion:112 Resp: 159938
 Ion Ratio Lower Upper
 112 100
 114 31.3 21.9 40.7
 77 54.6 44.2 66.4





#52

Ethylbenzene

Concen: 5.022 ug/L

RT: 9.011 min Scan# 2479

Delta R.T. 0.000 min

Lab File: VV025247.D

Acq: 27 Mar 2022 10:46

Instrument :

MSVOA_V

ClientSampleId :

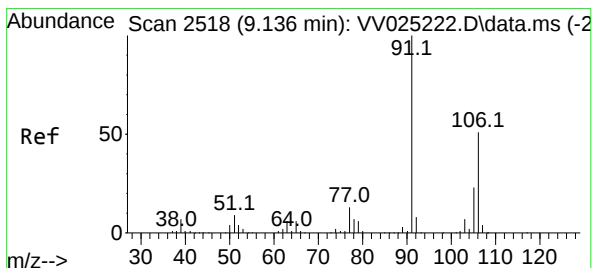
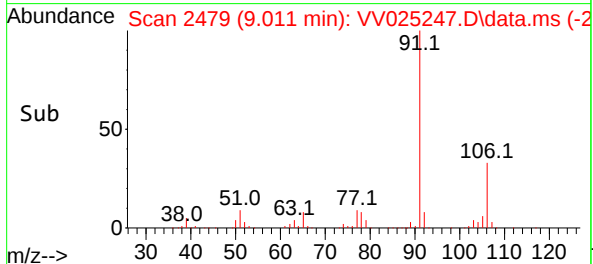
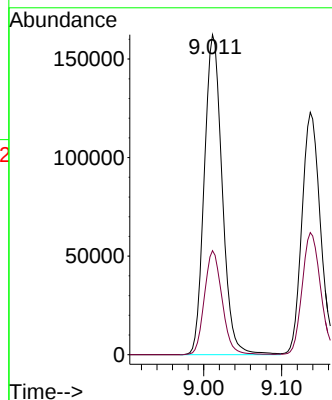
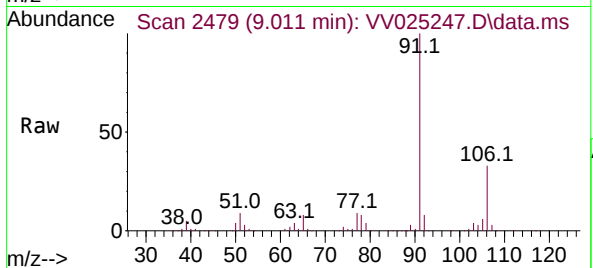
VSTD005352

Tgt Ion: 91 Resp: 259238

Ion Ratio Lower Upper

91 100

106 32.5 21.7 40.3



#53

m,p-Xylene

Concen: 5.114 ug/L

RT: 9.137 min Scan# 2518

Delta R.T. 0.000 min

Lab File: VV025247.D

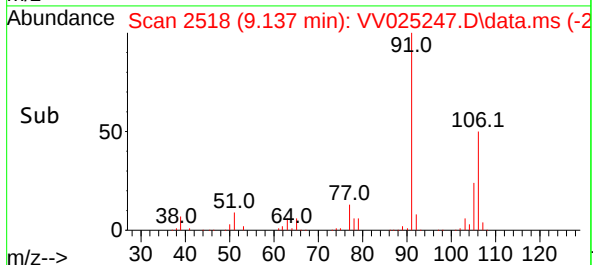
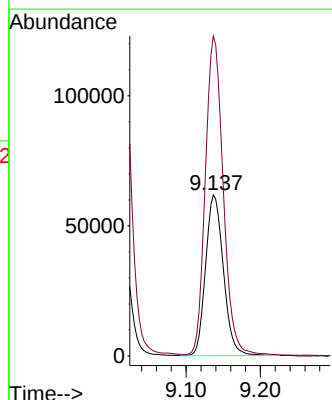
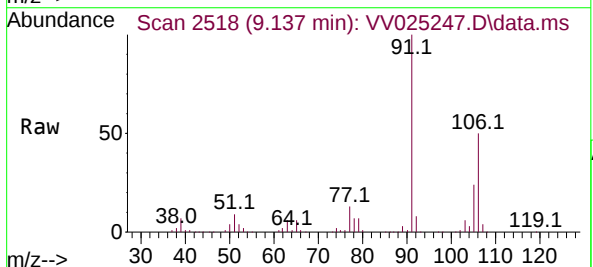
Acq: 27 Mar 2022 10:46

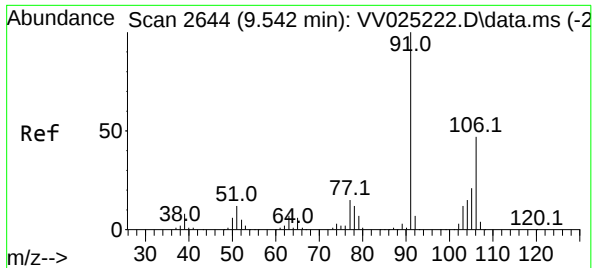
Tgt Ion:106 Resp: 102663

Ion Ratio Lower Upper

106 100

91 198.6 136.8 254.0

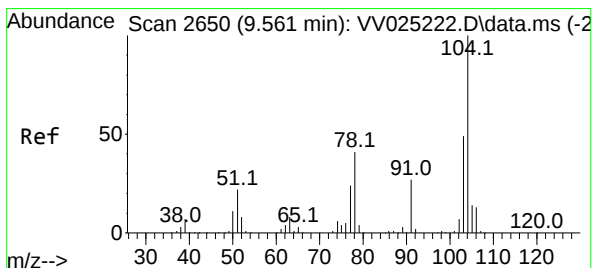
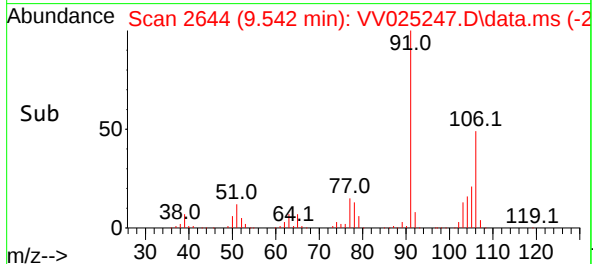
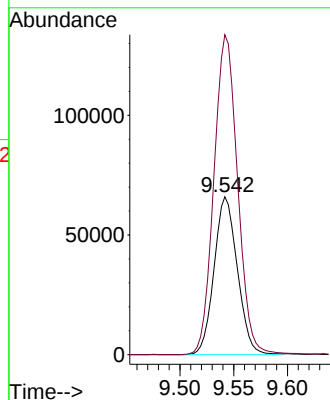
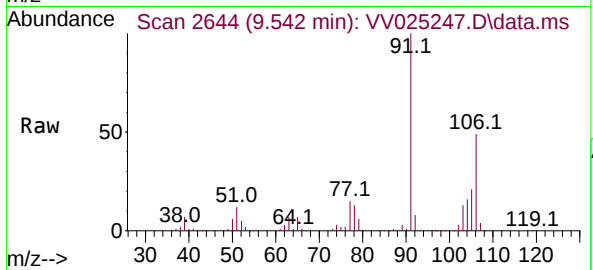




#54
o-Xylene
Concen: 5.172 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.000 min
Lab File: VV025247.D
Acq: 27 Mar 2022 10:46

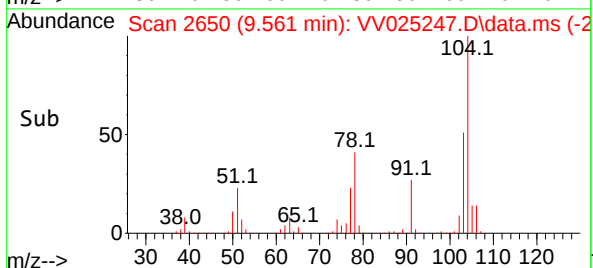
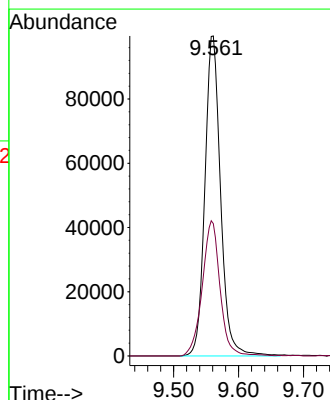
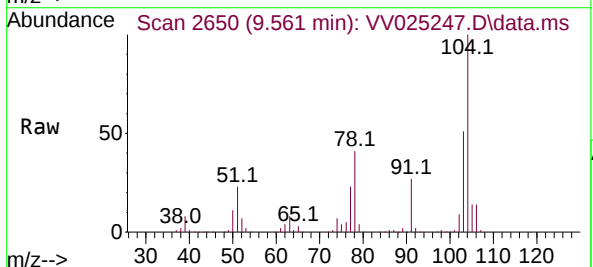
Instrument :
MSVOA_V
ClientSampleId :
VSTD005352

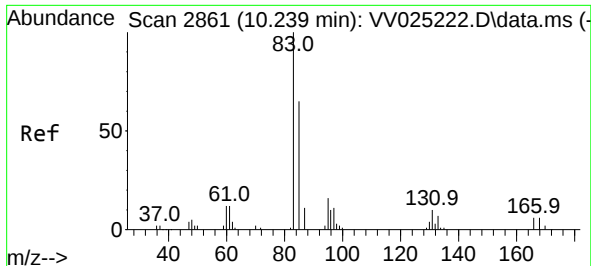
Tgt Ion:106 Resp: 99249
Ion Ratio Lower Upper
106 100
91 202.7 143.0 265.6



#55
Styrene
Concen: 5.318 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.000 min
Lab File: VV025247.D
Acq: 27 Mar 2022 10:46

Tgt Ion:104 Resp: 167799
Ion Ratio Lower Upper
104 100
78 41.4 30.1 55.9

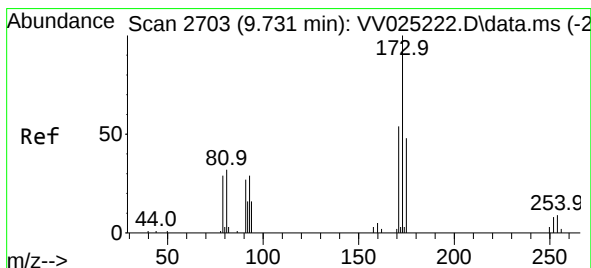
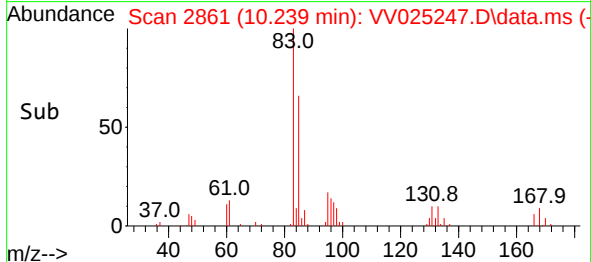
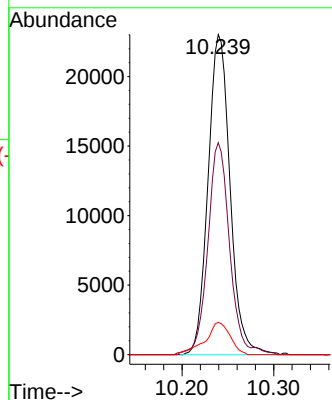
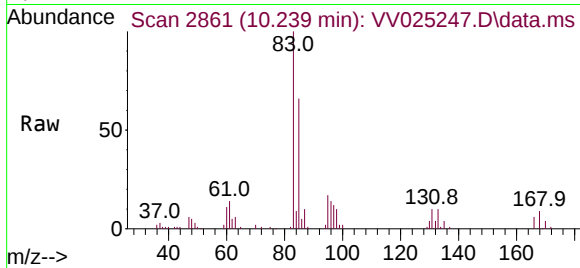




#57
1,1,2,2-Tetrachloroethane
Concen: 5.086 ug/L
RT: 10.239 min Scan# 2861
Delta R.T. 0.000 min
Lab File: VV025247.D
Acq: 27 Mar 2022 10:46

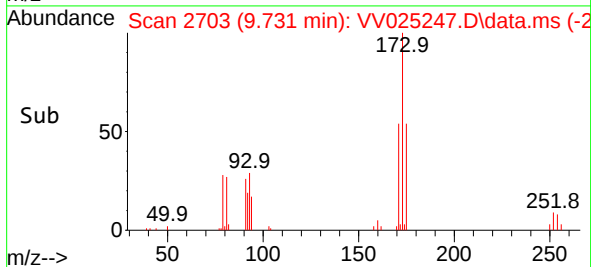
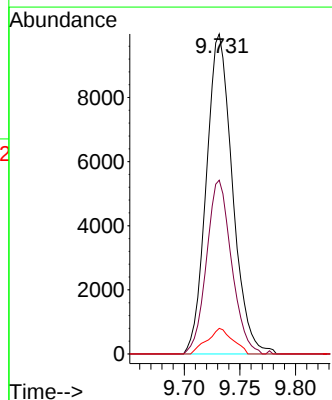
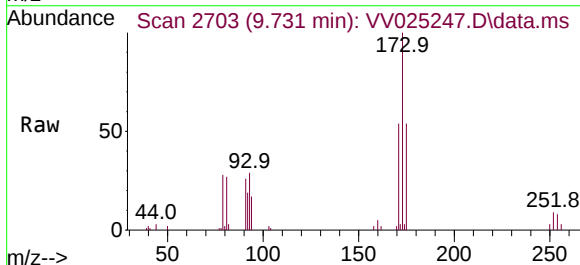
Instrument :
MSVOA_V
ClientSampleId :
VSTD005352

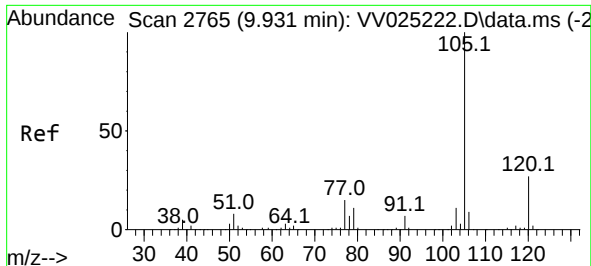
Tgt Ion: 83 Resp: 38384
Ion Ratio Lower Upper
83 100
85 66.3 46.2 85.8
131 10.1 8.1 12.1



#59
Bromoform
Concen: 5.074 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. 0.000 min
Lab File: VV025247.D
Acq: 27 Mar 2022 10:46

Tgt Ion: 173 Resp: 16288
Ion Ratio Lower Upper
173 100
175 52.0 39.4 59.0
254 7.8 5.6 8.4

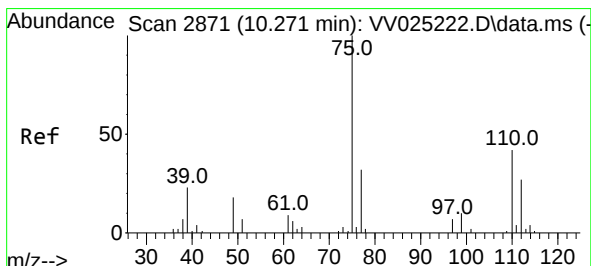
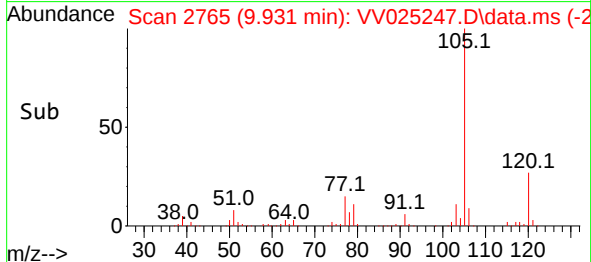
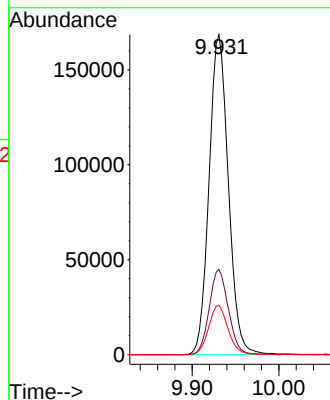
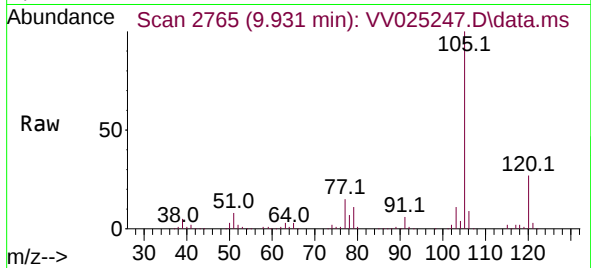




#60
Isopropylbenzene
Concen: 5.003 ug/L
RT: 9.931 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV025247.D
Acq: 27 Mar 2022 10:46

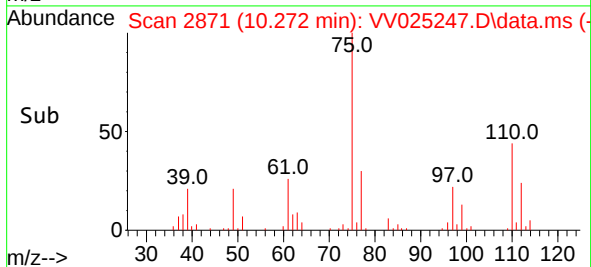
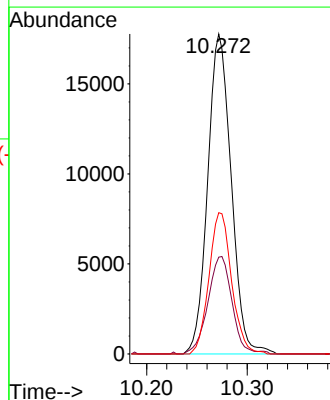
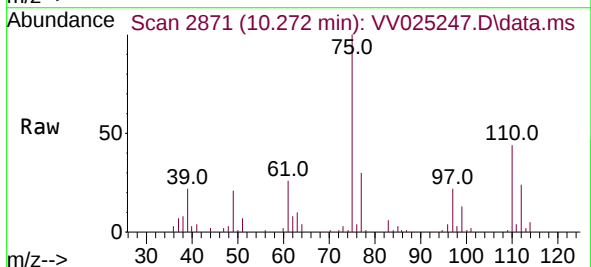
Instrument :
MSVOA_V
ClientSampleId :
VSTD005352

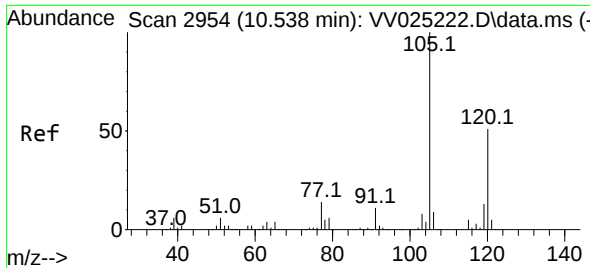
Tgt Ion:105 Resp: 260604
Ion Ratio Lower Upper
105 100
120 26.4 21.1 31.7
77 15.7 12.6 18.8



#61
1,2,3-Trichloropropane
Concen: 4.857 ug/L
RT: 10.272 min Scan# 2871
Delta R.T. 0.000 min
Lab File: VV025247.D
Acq: 27 Mar 2022 10:46

Tgt Ion: 75 Resp: 28864
Ion Ratio Lower Upper
75 100
77 31.0 25.8 38.6
110 42.7 31.6 47.4

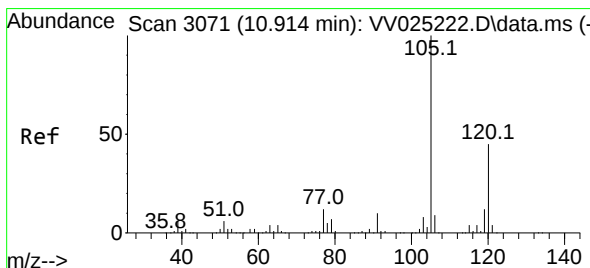
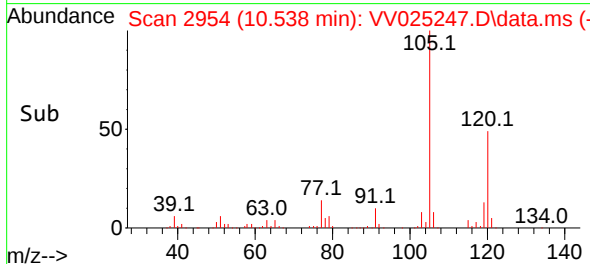
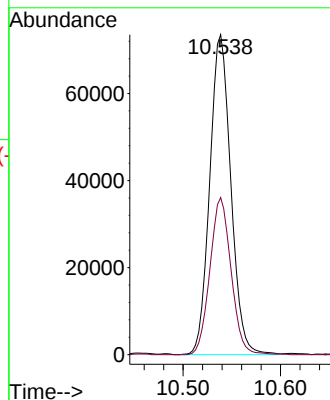
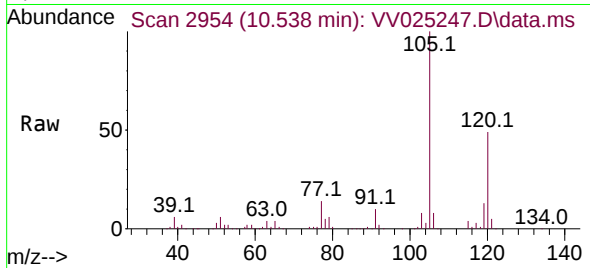




#62
1,3,5-Trimethylbenzene
Concen: 4.746 ug/L
RT: 10.538 min Scan# 2954
Delta R.T. 0.000 min
Lab File: VV025247.D
Acq: 27 Mar 2022 10:46

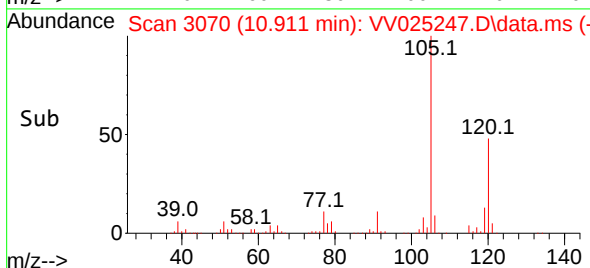
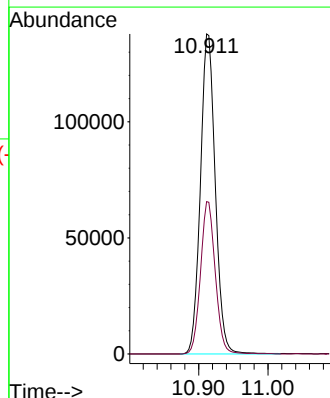
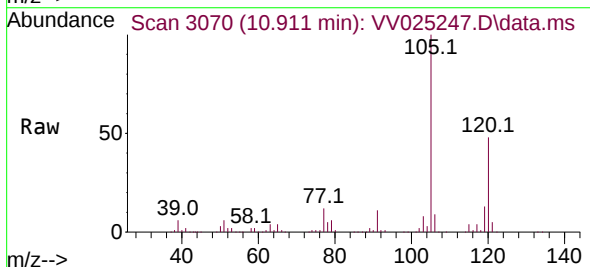
Instrument :
MSVOA_V
ClientSampleId :
VSTD005352

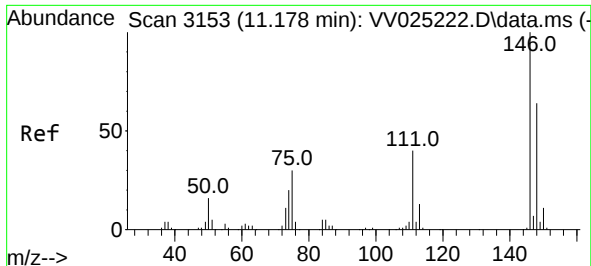
Tgt Ion:105 Resp: 110838
Ion Ratio Lower Upper
105 100
120 49.1 39.7 59.5



#63
1,2,4-Trimethylbenzene
Concen: 4.934 ug/L
RT: 10.911 min Scan# 3070
Delta R.T. -0.003 min
Lab File: VV025247.D
Acq: 27 Mar 2022 10:46

Tgt Ion:105 Resp: 205586
Ion Ratio Lower Upper
105 100
120 47.0 36.5 54.7

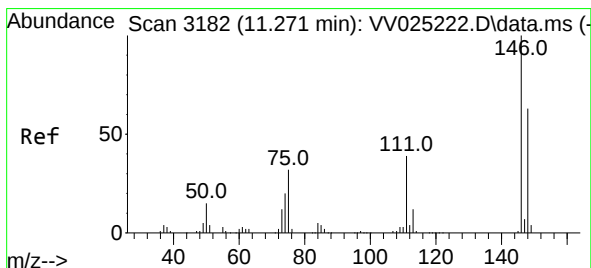
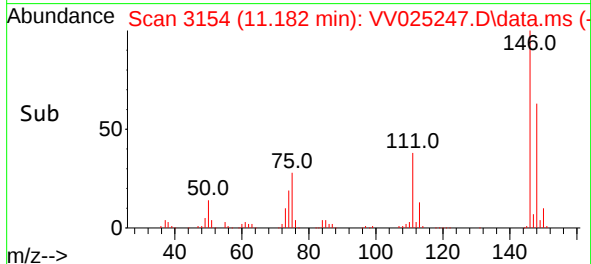
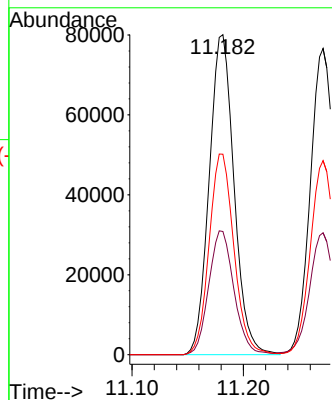
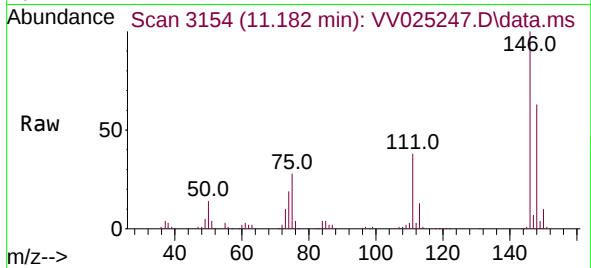




#64
1,3-Dichlorobenzene
Concen: 5.091 ug/L
RT: 11.182 min Scan# 3154
Delta R.T. 0.003 min
Lab File: VV025247.D
Acq: 27 Mar 2022 10:46

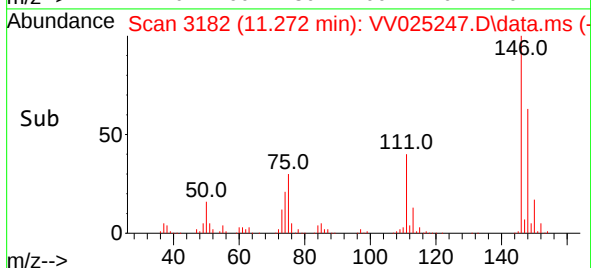
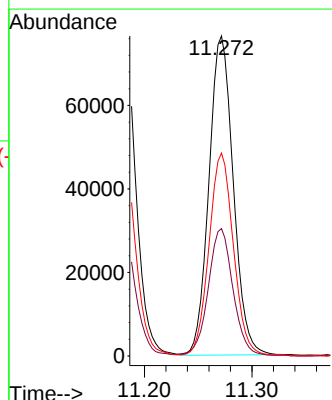
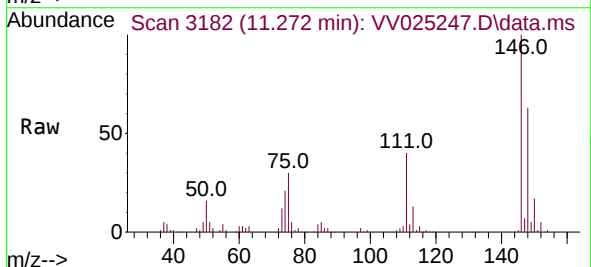
Instrument :
MSVOA_V
ClientSampleId :
VSTD005352

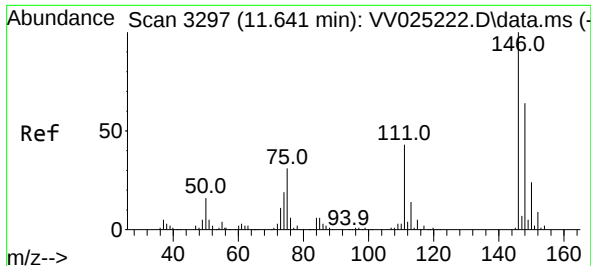
Tgt Ion:146 Resp: 124199
Ion Ratio Lower Upper
146 100
111 38.5 29.0 53.8
148 62.7 44.0 81.8



#65
1,4-Dichlorobenzene
Concen: 4.914 ug/L
RT: 11.272 min Scan# 3182
Delta R.T. 0.000 min
Lab File: VV025247.D
Acq: 27 Mar 2022 10:46

Tgt Ion:146 Resp: 120048
Ion Ratio Lower Upper
146 100
111 39.8 27.9 51.9
148 63.4 45.6 84.8

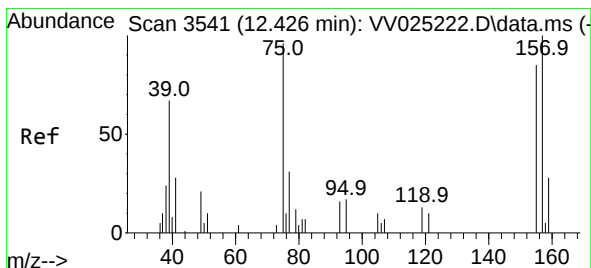
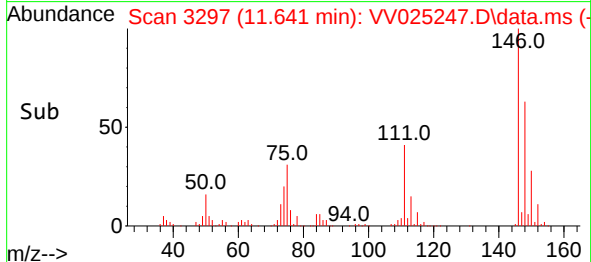
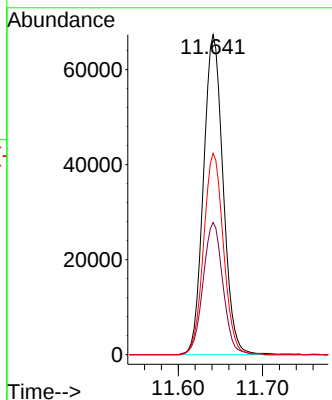
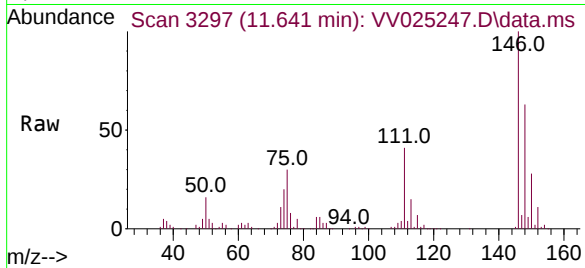




#67
 1,2-Dichlorobenzene
 Concen: 5.083 ug/L
 RT: 11.641 min Scan# 3297
 Delta R.T. 0.000 min
 Lab File: VV025247.D
 Acq: 27 Mar 2022 10:46

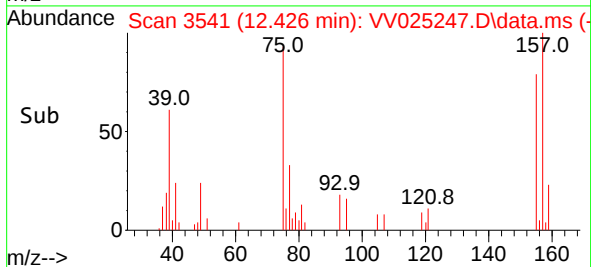
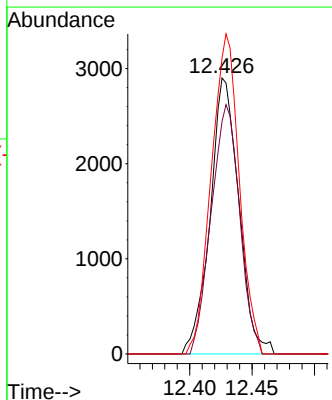
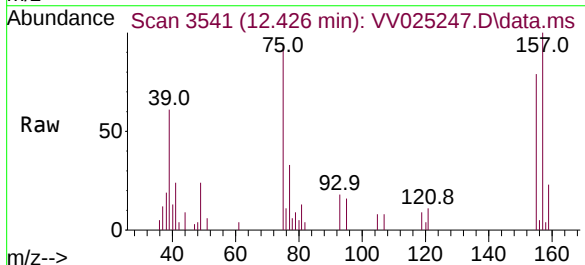
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005352

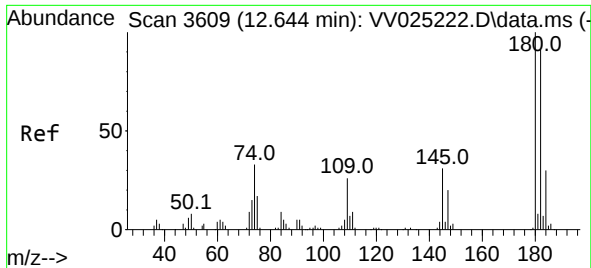
Tgt Ion:146 Resp: 109110
 Ion Ratio Lower Upper
 146 100
 111 41.3 33.0 49.6
 148 62.9 49.3 73.9



#68
 1,2-Dibromo-3-chloropropane
 Concen: 4.364 ug/L
 RT: 12.426 min Scan# 3541
 Delta R.T. 0.000 min
 Lab File: VV025247.D
 Acq: 27 Mar 2022 10:46

Tgt Ion: 75 Resp: 4643
 Ion Ratio Lower Upper
 75 100
 155 84.2 80.0 120.0
 157 107.2 94.5 141.7

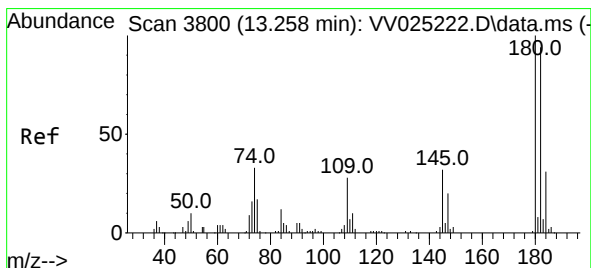
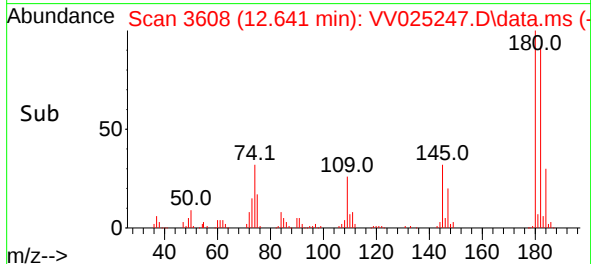
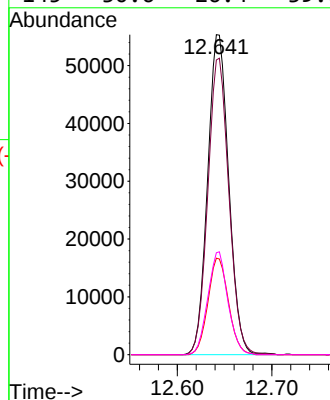
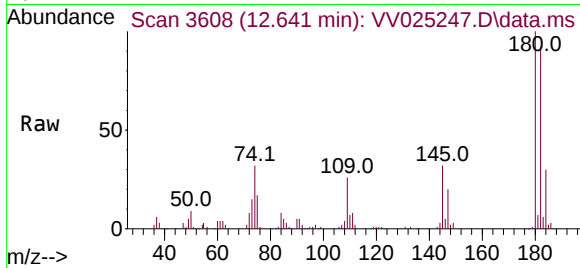




#69
1,3,5-Trichlorobenzene
Concen: 4.873 ug/L
RT: 12.641 min Scan# 3609
Delta R.T. -0.003 min
Lab File: VV025247.D
Acq: 27 Mar 2022 10:46

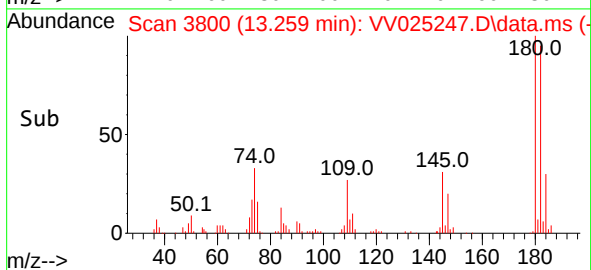
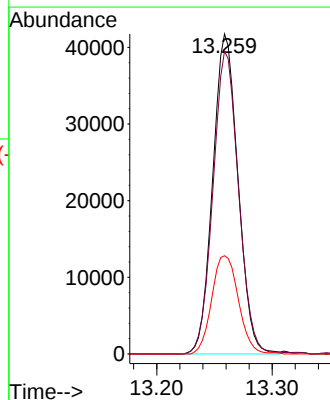
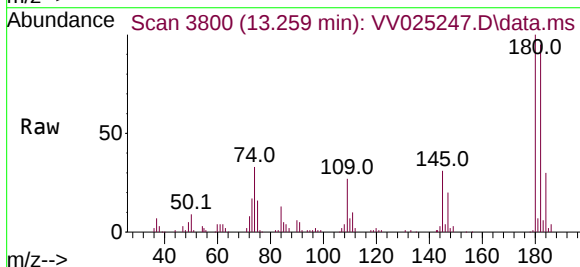
Instrument :
MSVOA_V
ClientSampleId :
VSTD005352

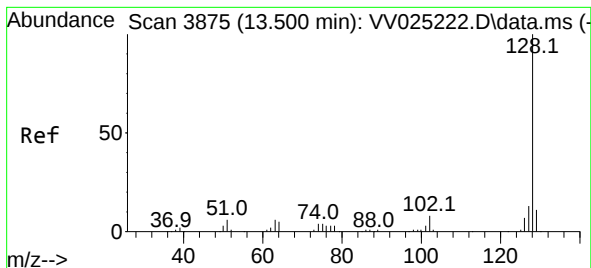
Tgt Ion:180	Resp:	85740
Ion Ratio	Lower	Upper
180	100	
182	92.6	77.1 115.7
184	29.3	23.6 35.4
145	30.6	26.4 39.6



#70
1,2,4-trichlorobenzene
Concen: 4.764 ug/L
RT: 13.259 min Scan# 3800
Delta R.T. 0.000 min
Lab File: VV025247.D
Acq: 27 Mar 2022 10:46

Tgt Ion:180	Resp:	63250
Ion Ratio	Lower	Upper
180	100	
182	95.9	77.5 116.3
145	32.5	26.2 39.4





#71

Naphthalene

Concen: 4.570 ug/L

RT: 13.500 min Scan# 3875

Delta R.T. 0.000 min

Lab File: VV025247.D

Acq: 27 Mar 2022 10:46

Instrument :

MSVOA_V

ClientSampleId :

VSTD005352

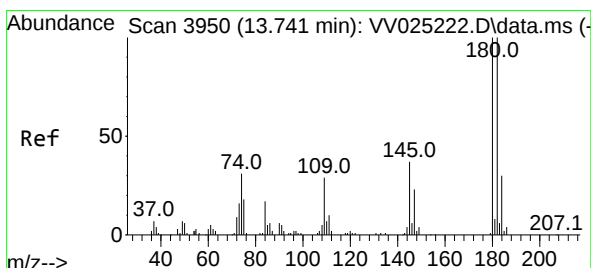
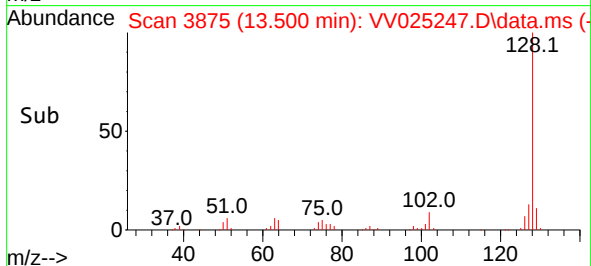
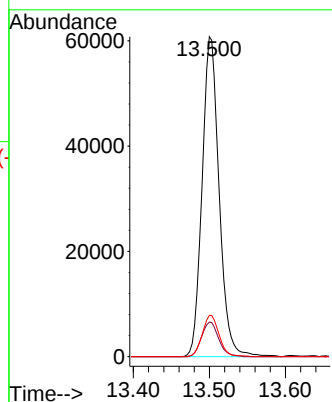
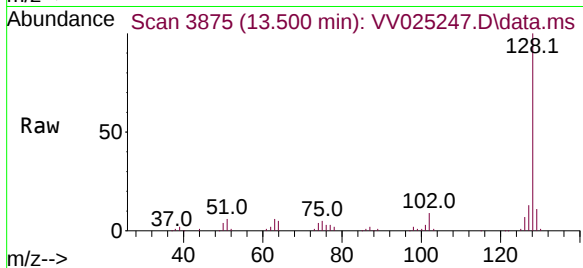
Tgt Ion:128 Resp: 94556

Ion Ratio Lower Upper

128 100

129 10.9 8.8 13.2

127 12.7 10.6 16.0



#72

1,2,3-Trichlorobenzene

Concen: 4.991 ug/L

RT: 13.741 min Scan# 3950

Delta R.T. 0.000 min

Lab File: VV025247.D

Acq: 27 Mar 2022 10:46

Tgt Ion:180 Resp: 57098

Ion Ratio Lower Upper

180 100

182 93.0 75.8 113.6

145 34.9 28.6 42.8

