

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081922\
 Data File : VW024282.D
 Acq On : 19 Aug 2022 10:04
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025542

Quant Time: Aug 20 00:50:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Aug 18 01:04:13 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.835	114	263134	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	257861	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	146275	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	106523	19.367	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.480%
7) Chloroethane-d5	2.873	69	77276	22.554	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.200%
11) 1,1-Dichloroethene-d2	4.013	63	129579	20.672	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	82.680%
21) 2-Butanone-d5	7.080	46	48228	47.131	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.260%
24) Chloroform-d	7.647	84	181538	22.801	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.200%
26) 1,2-Dichloroethane-d4	8.299	65	100015	22.626	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.520%
32) Benzene-d6	8.268	84	325989	21.436	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.760%
36) 1,2-Dichloropropane-d6	9.268	67	98040	21.835	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.320%
41) Toluene-d8	10.317	98	300508	21.141	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.560%
43) trans-1,3-Dichloroprop...	10.579	79	43281	22.007	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.040%
47) 2-Hexanone-d5	10.920	63	38521	46.447	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.900%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	98001	22.496	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.000%
66) 1,2-Dichlorobenzene-d4	13.853	152	118587	22.154	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.001	85	39475	17.052	ug/L	99
3) Chloromethane	2.209	50	95067	21.896	ug/L	97
5) Vinyl chloride	2.349	62	148134	24.510	ug/L	99
6) Bromomethane	2.763	94	90801	26.202	ug/L	88
8) Chloroethane	2.910	64	70046	26.458	ug/L	96
9) Trichlorofluoromethane	3.245	101	59756	20.857	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	4.050	101	90709	23.475	ug/L	97
12) 1,1-Dichloroethene	4.031	96	75455	23.852	ug/L	94
14) Carbon disulfide	4.373	76	198667	19.626	ug/L	98
15) Methyl Acetate	4.672	43	40567	23.906	ug/L	98
16) Methylene chloride	4.909	84	99363	21.413	ug/L	95
17) trans-1,2-Dichloroethene	5.415	96	91542	25.058	ug/L	92
18) Methyl tert-butyl Ether	5.428	73	160344	30.780	ug/L	99
19) 1,1-Dichloroethane	6.208	63	170771	26.537	ug/L	98
20) cis-1,2-Dichloroethene	7.159	96	102301	25.499	ug/L #	100
22) 2-Butanone	7.171	43	56645	44.620	ug/L	99
23) Bromochloromethane	7.513	128	50735	25.392	ug/L	91
25) Chloroform	7.671	83	194556	27.436	ug/L	95
27) 1,2-Dichloroethane	8.396	62	127513	26.723	ug/L	97

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 Quant Title : SFAM01.0
 QLast Update : Thu Aug 18 01:04:13 2022
 Response via : Initial Calibration

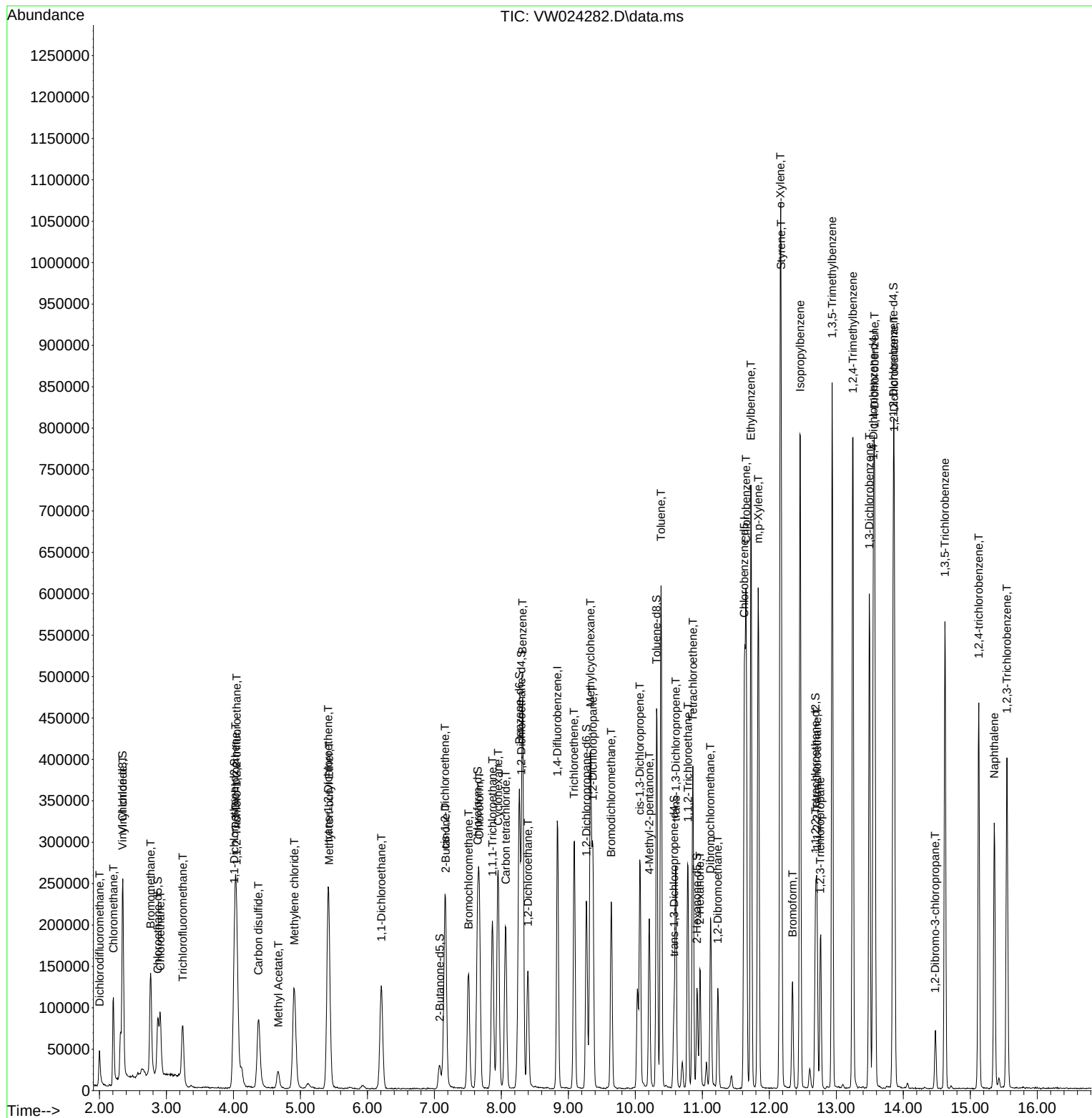
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	7.951	56	131301	24.837	ug/L	99
30) 1,1,1-Trichloroethane	7.866	97	160473	27.596	ug/L	99
31) Carbon tetrachloride	8.067	117	143430	26.145	ug/L	99
33) Benzene	8.317	78	395373	25.960	ug/L	100
34) Trichloroethene	9.085	95	102856	25.551	ug/L	98
35) Methylcyclohexane	9.329	83	160691	25.456	ug/L	98
37) 1,2-Dichloropropane	9.366	63	99357	26.391	ug/L	99
38) Bromodichloromethane	9.640	83	143461	27.169	ug/L	100
39) cis-1,3-Dichloropropene	10.067	75	152335	27.504	ug/L	97
40) 4-Methyl-2-pentanone	10.207	43	125494	50.226	ug/L	99
42) Toluene	10.384	91	434134	26.825	ug/L	100
44) trans-1,3-Dichloropropene	10.603	75	140777	27.817	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	83491	26.312	ug/L	97
46) Tetrachloroethene	10.859	164	82231	25.233	ug/L	94
48) 2-Hexanone	10.963	43	86857	51.223	ug/L	97
49) Dibromochloromethane	11.122	129	103029	26.970	ug/L	99
50) 1,2-Dibromoethane	11.231	107	76319	25.103	ug/L	97
51) Chlorobenzene	11.652	112	293263	26.522	ug/L	93
52) Ethylbenzene	11.725	91	486232	27.422	ug/L	100
53) m,p-Xylene	11.835	106	188750	27.347	ug/L	97
54) o-Xylene	12.164	106	182513	27.990	ug/L	93
55) Styrene	12.176	104	321346	28.336	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.713	83	99748	25.153	ug/L	98
59) Bromoform	12.347	173	54515	24.433	ug/L	100
60) Isopropylbenzene	12.463	105	496498	28.039	ug/L	99
61) 1,2,3-Trichloropropane	12.762	75	72110	24.771	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	417374	28.522	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	415049	28.800	ug/L	100
64) 1,3-Dichlorobenzene	13.493	146	234722	27.070	ug/L	94
65) 1,4-Dichlorobenzene	13.572	146	238479	25.973	ug/L	91
67) 1,2-Dichlorobenzene	13.865	146	222343	27.003	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.475	75	15873	23.338	ug/L	85
69) 1,3,5-Trichlorobenzene	14.621	180	163355	28.730	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	134627	29.566	ug/L	97
71) Naphthalene	15.359	128	262041	29.545	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	127919	30.857	ug/L	97

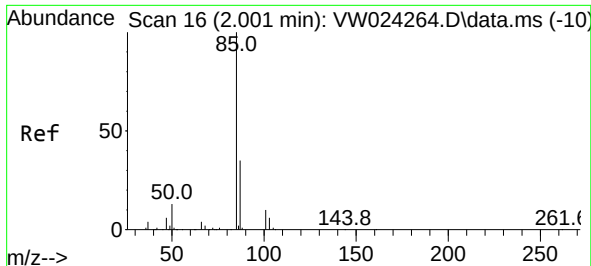
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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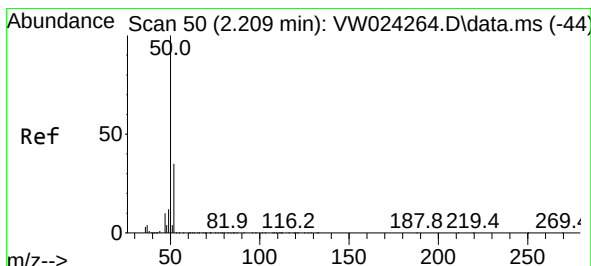
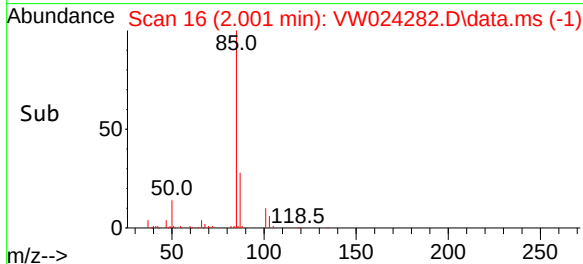
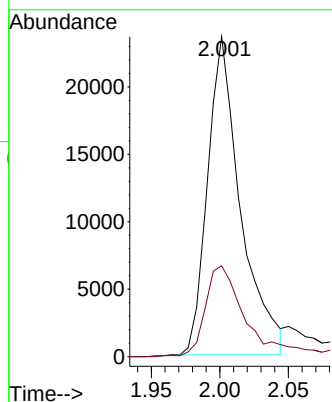
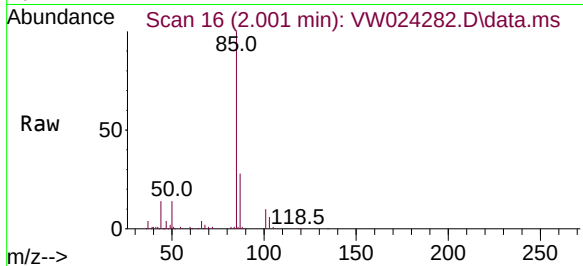




#2
 Dichlorodifluoromethane
 Concen: 17.052 ug/L
 RT: 2.001 min Scan# 1
 Delta R.T. -0.000 min
 Lab File: VW024282.D
 Acq: 19 Aug 2022 10:04

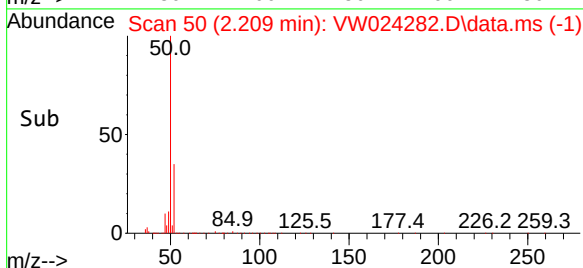
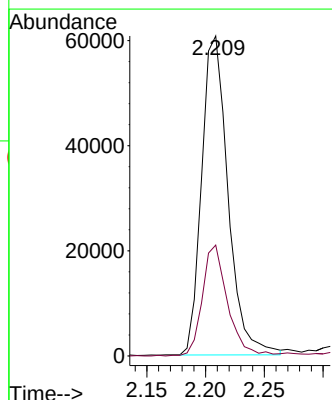
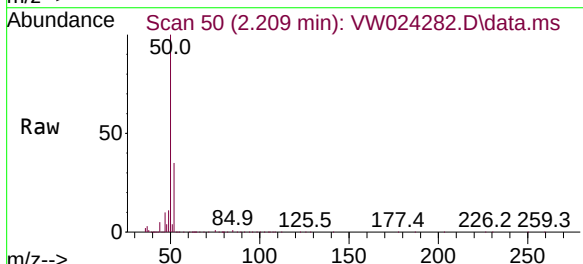
Instrument :
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 ClientSampleId :
 VSTD025542

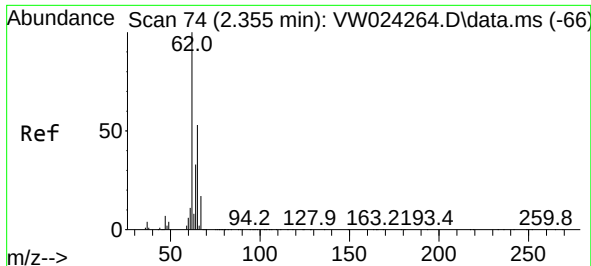
Tgt Ion: 85 Resp: 39475
 Ion Ratio Lower Upper
 85 100
 87 29.8 24.5 36.7



#3
 Chloromethane
 Concen: 21.896 ug/L
 RT: 2.209 min Scan# 50
 Delta R.T. -0.000 min
 Lab File: VW024282.D
 Acq: 19 Aug 2022 10:04

Tgt Ion: 50 Resp: 95067
 Ion Ratio Lower Upper
 50 100
 52 34.7 23.2 43.2

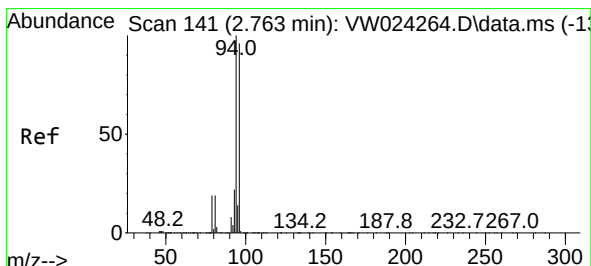
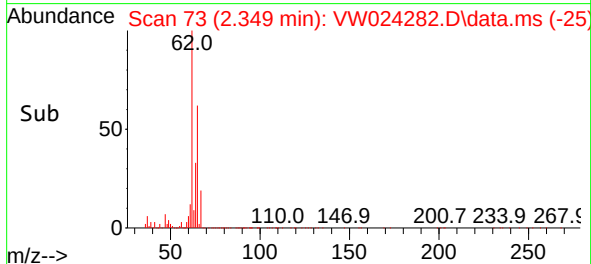
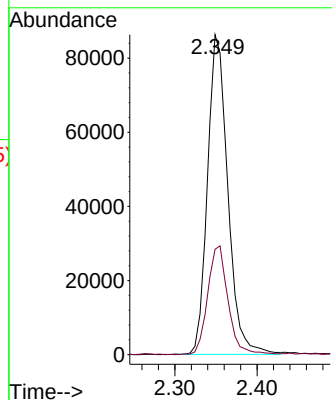
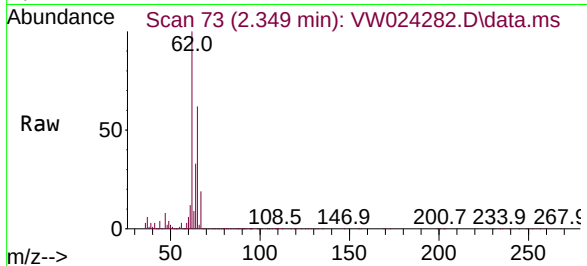




#5
 Vinyl chloride
 Concen: 24.510 ug/L
 RT: 2.349 min Scan# 74
 Delta R.T. -0.006 min
 Lab File: VW024282.D
 Acq: 19 Aug 2022 10:04

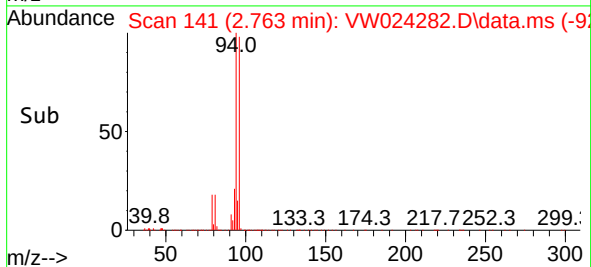
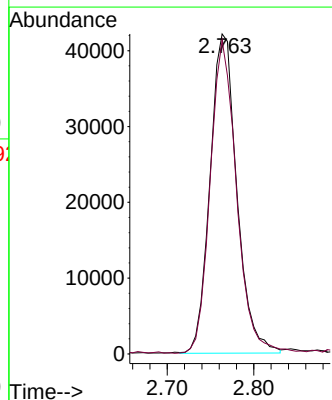
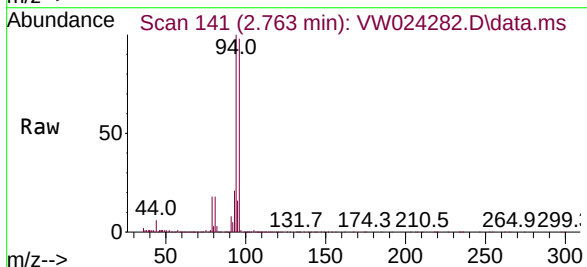
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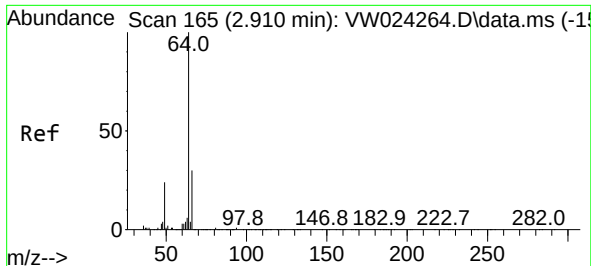
Tgt Ion: 62 Resp: 148134
 Ion Ratio Lower Upper
 62 100
 64 33.0 22.7 42.3



#6
 Bromomethane
 Concen: 26.202 ug/L
 RT: 2.763 min Scan# 141
 Delta R.T. -0.000 min
 Lab File: VW024282.D
 Acq: 19 Aug 2022 10:04

Tgt Ion: 94 Resp: 90801
 Ion Ratio Lower Upper
 94 100
 96 98.0 61.0 113.4

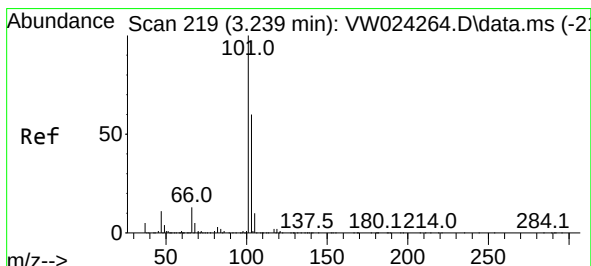
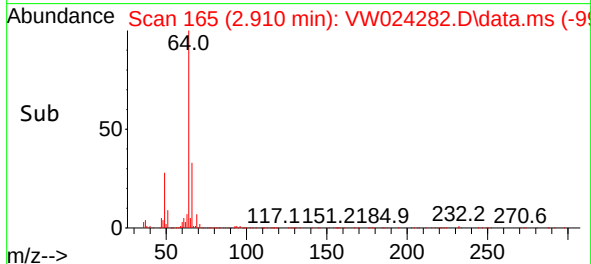
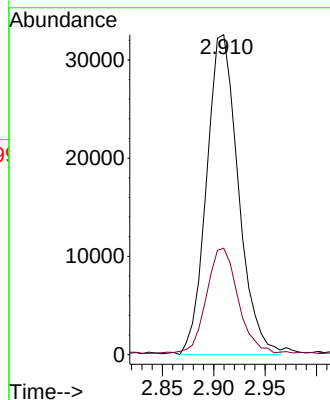
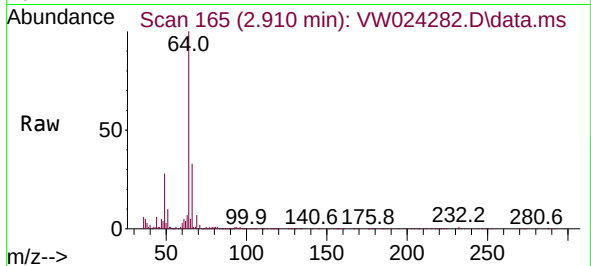




#8
Chloroethane
Concen: 26.458 ug/L
RT: 2.910 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW024282.D
Acq: 19 Aug 2022 10:04

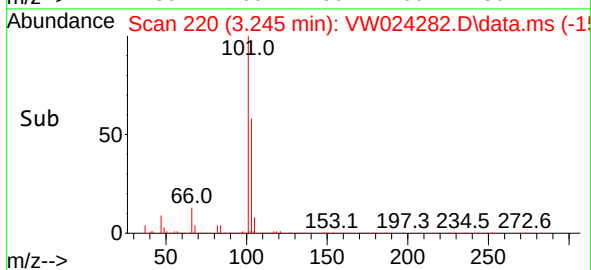
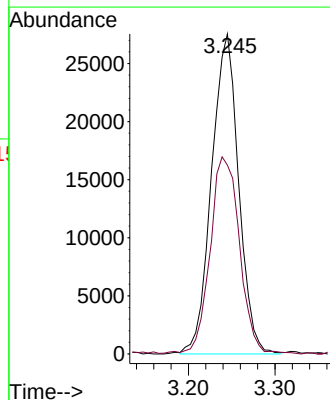
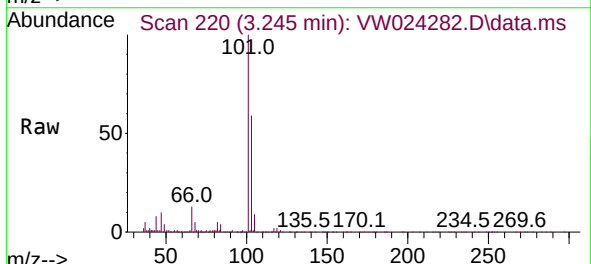
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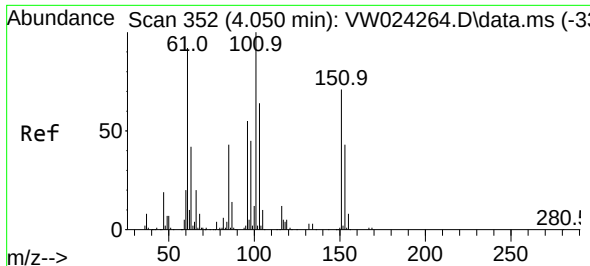
Tgt Ion: 64 Resp: 70046
Ion Ratio Lower Upper
64 100
66 33.2 21.6 40.0



#9
Trichlorofluoromethane
Concen: 20.857 ug/L
RT: 3.245 min Scan# 220
Delta R.T. 0.006 min
Lab File: VW024282.D
Acq: 19 Aug 2022 10:04

Tgt Ion: 101 Resp: 59756
Ion Ratio Lower Upper
101 100
103 66.2 50.5 75.7

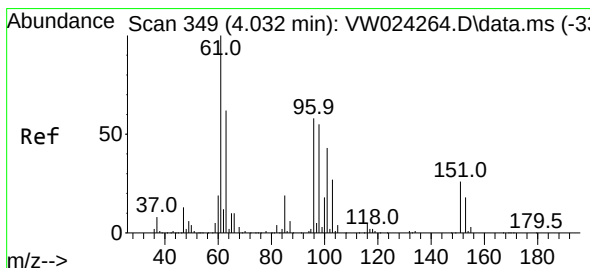
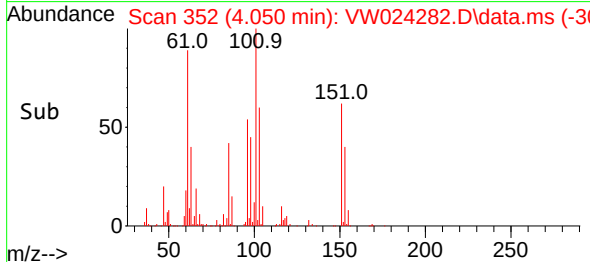
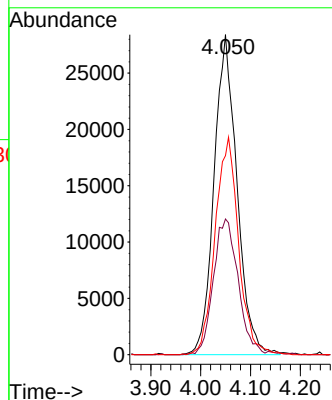
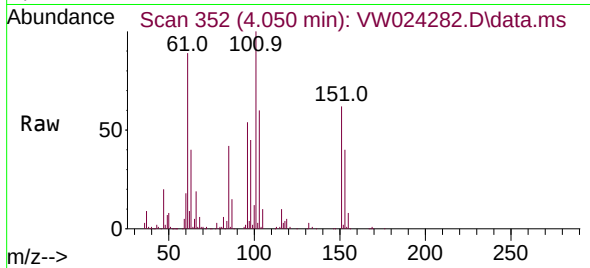




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 23.475 ug/L
 RT: 4.050 min Scan# 352
 Delta R.T. -0.000 min
 Lab File: VW024282.D
 Acq: 19 Aug 2022 10:04

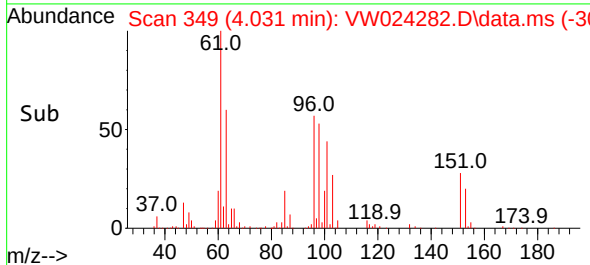
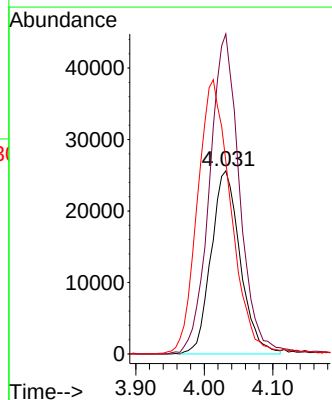
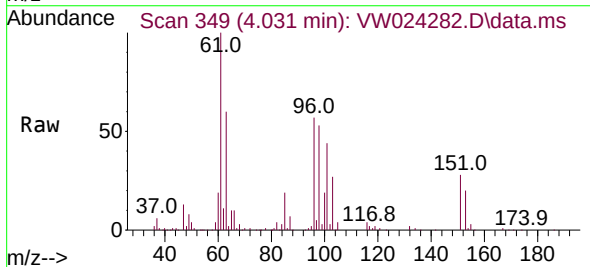
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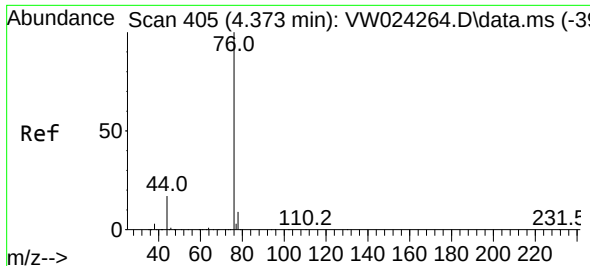
Tgt Ion:101 Resp: 90709
 Ion Ratio Lower Upper
 101 100
 85 45.5 34.9 52.3
 151 69.3 57.0 85.6



#12
 1,1-Dichloroethene
 Concen: 23.852 ug/L
 RT: 4.031 min Scan# 349
 Delta R.T. -0.000 min
 Lab File: VW024282.D
 Acq: 19 Aug 2022 10:04

Tgt Ion: 96 Resp: 75455
 Ion Ratio Lower Upper
 96 100
 61 174.7 123.1 228.5
 63 105.4 84.9 157.7

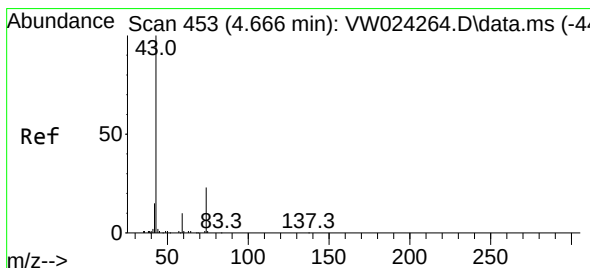
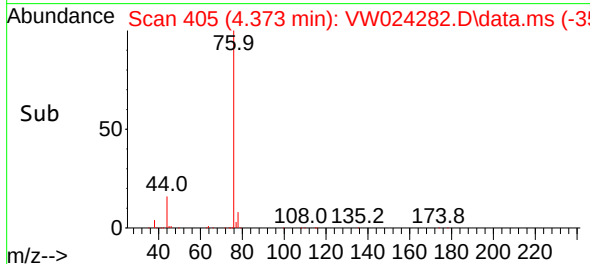
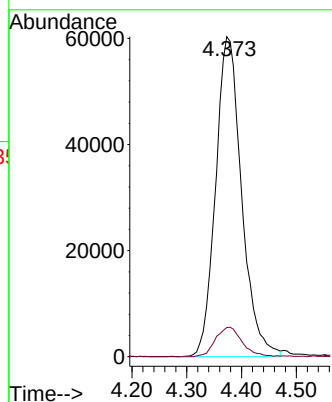
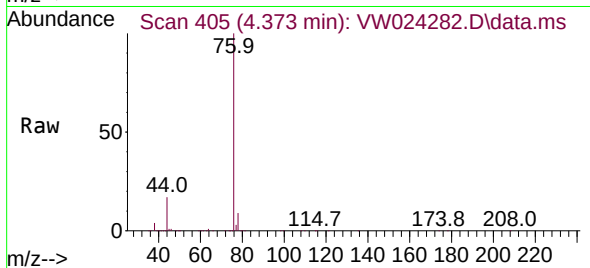




#14
Carbon disulfide
Concen: 19.626 ug/L
RT: 4.373 min Scan# 405
Delta R.T. -0.000 min
Lab File: VW024282.D
Acq: 19 Aug 2022 10:04

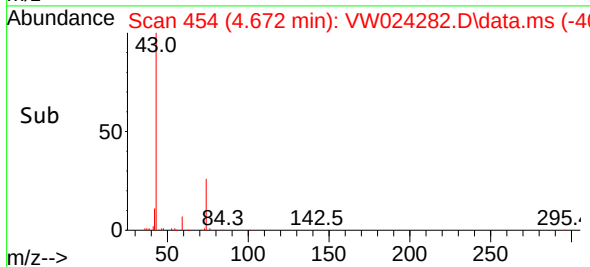
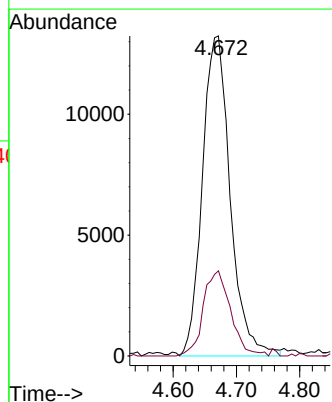
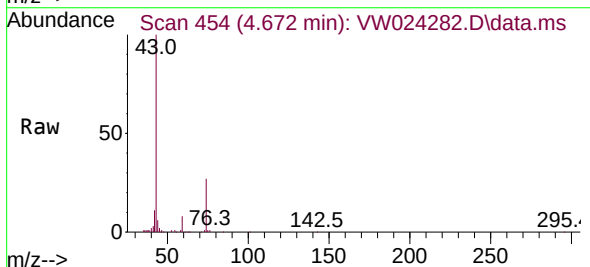
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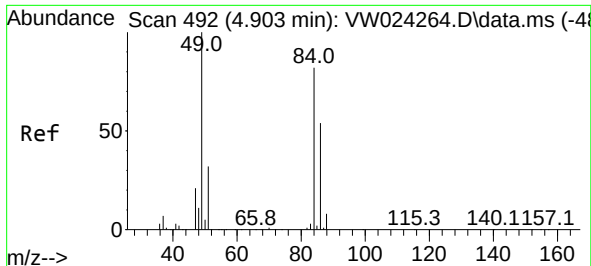
Tgt Ion: 76 Resp: 198667
Ion Ratio Lower Upper
76 100
78 9.1 7.9 11.9



#15
Methyl Acetate
Concen: 23.906 ug/L
RT: 4.672 min Scan# 454
Delta R.T. 0.006 min
Lab File: VW024282.D
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Tgt Ion: 43 Resp: 40567
Ion Ratio Lower Upper
43 100
74 26.0 21.5 32.3

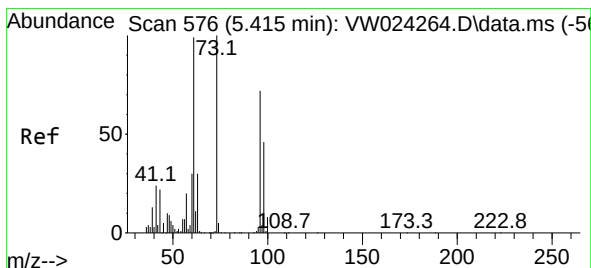
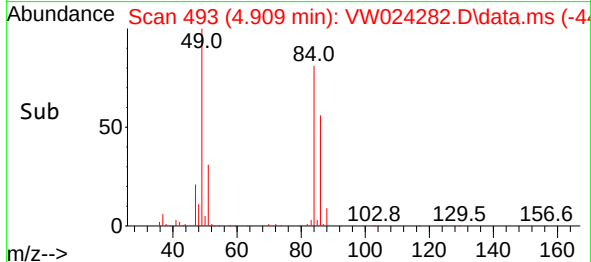
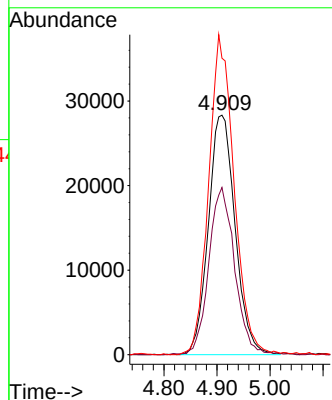
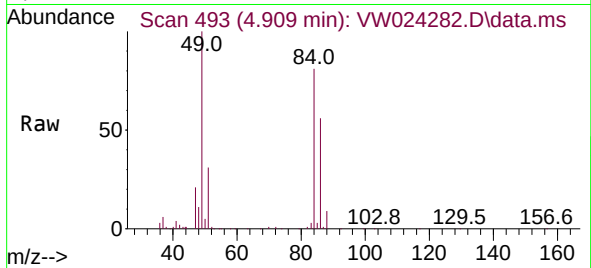




#16
Methylene chloride
Concen: 21.413 ug/L
RT: 4.909 min Scan# 49
Delta R.T. 0.006 min
Lab File: VW024282.D
Acq: 19 Aug 2022 10:04

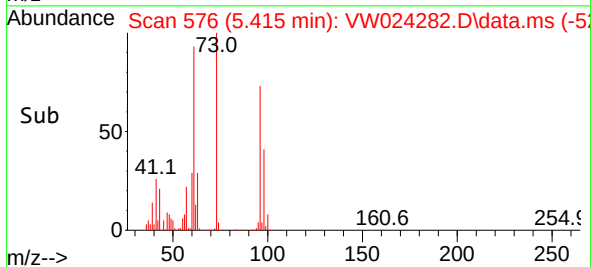
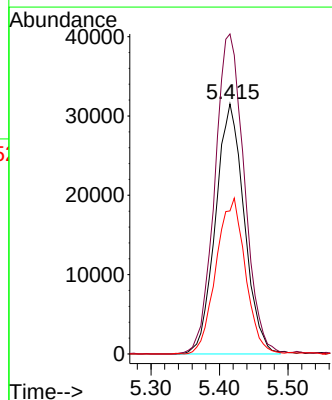
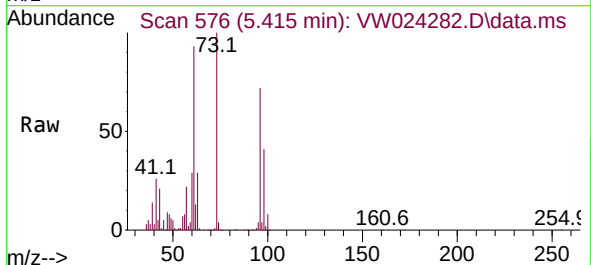
Instrument :
MSVOA_W
ClientSampleId :
VSTD025542

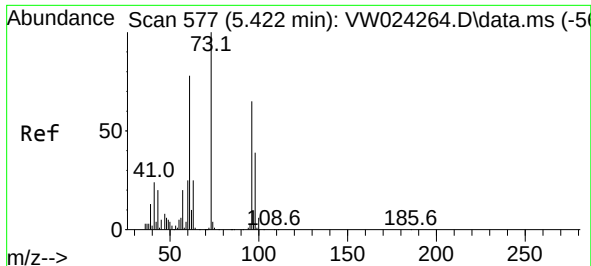
Tgt Ion: 84 Resp: 99363
Ion Ratio Lower Upper
84 100
86 69.8 42.8 79.6
49 123.8 85.3 158.3



#17
trans-1,2-Dichloroethene
Concen: 25.058 ug/L
RT: 5.415 min Scan# 576
Delta R.T. -0.000 min
Lab File: VW024282.D
Acq: 19 Aug 2022 10:04

Tgt Ion: 96 Resp: 91542
Ion Ratio Lower Upper
96 100
61 128.0 93.0 172.8
98 57.2 48.5 90.1

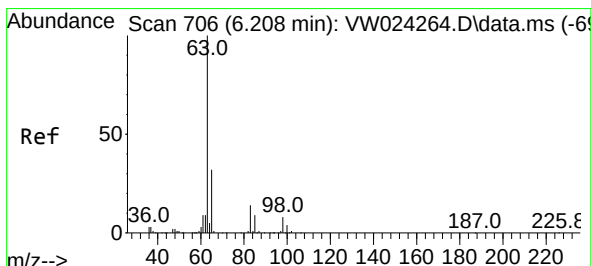
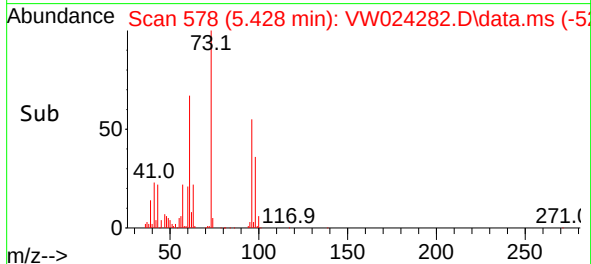
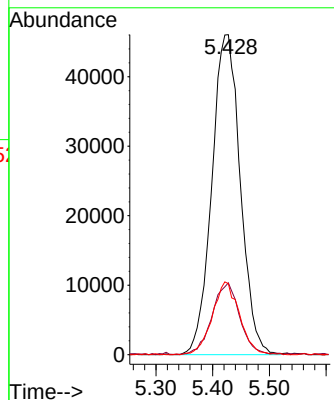
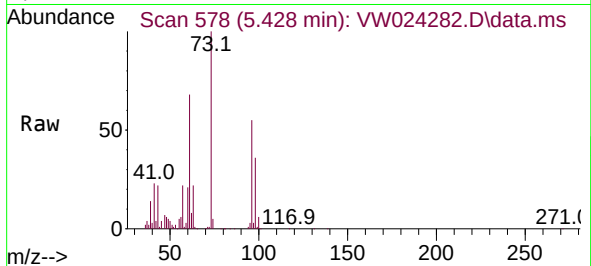




#18
Methyl tert-butyl Ether
Concen: 30.780 ug/L
RT: 5.428 min Scan# 51
Delta R.T. 0.006 min
Lab File: VW024282.D
Acq: 19 Aug 2022 10:04

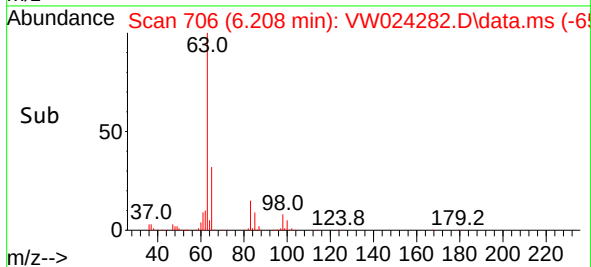
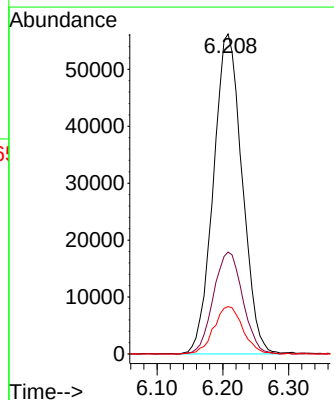
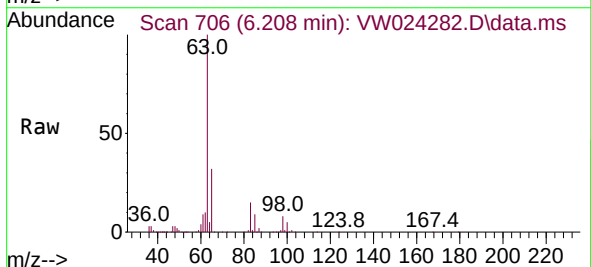
Instrument :
MSVOA_W
ClientSampleId :
VSTD025542

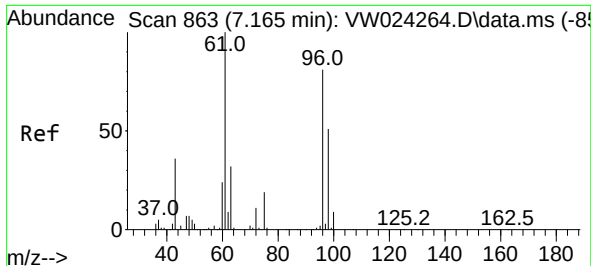
Tgt Ion: 73 Resp: 160344
Ion Ratio Lower Upper
73 100
43 21.5 16.6 24.8
57 21.6 17.6 26.4



#19
1,1-Dichloroethane
Concen: 26.537 ug/L
RT: 6.208 min Scan# 706
Delta R.T. -0.000 min
Lab File: VW024282.D
Acq: 19 Aug 2022 10:04

Tgt Ion: 63 Resp: 170771
Ion Ratio Lower Upper
63 100
65 31.9 22.0 41.0
83 14.8 9.2 17.0

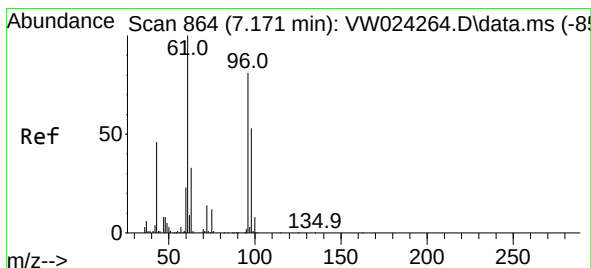
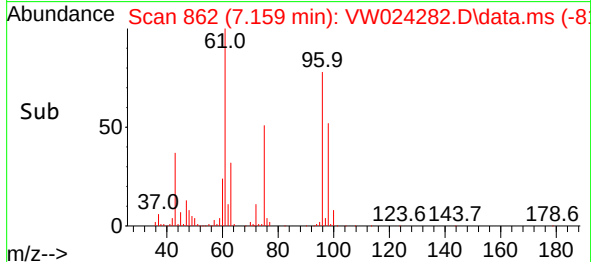
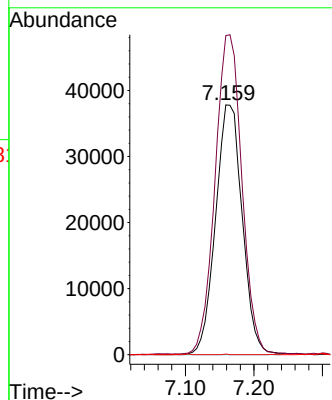
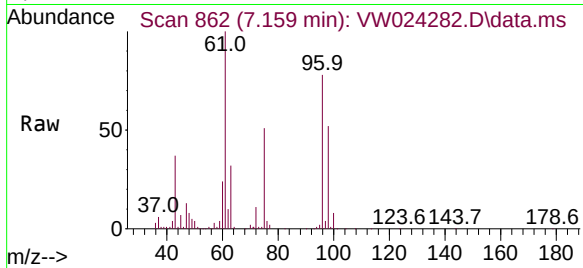




#20
 cis-1,2-Dichloroethene
 Concen: 25.499 ug/L
 RT: 7.159 min Scan# 862
 Delta R.T. -0.006 min
 Lab File: VW024282.D
 Acq: 19 Aug 2022 10:04

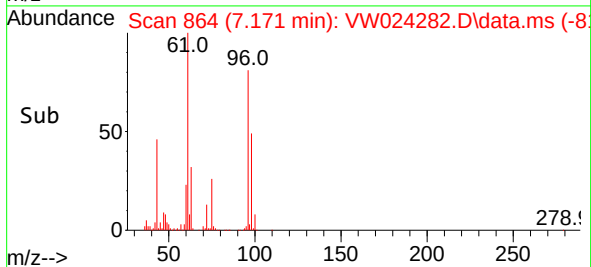
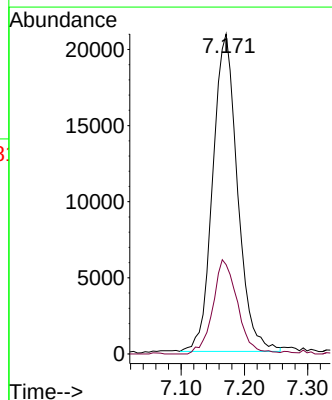
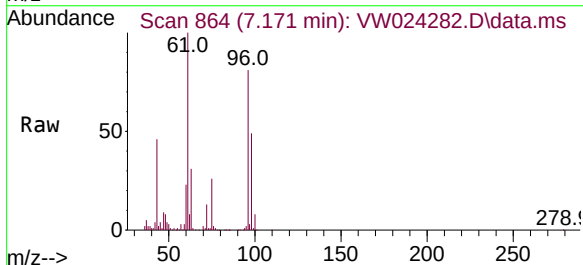
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025542

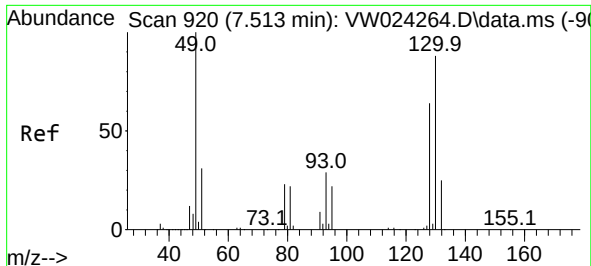
Tgt Ion: 96 Resp: 102301
 Ion Ratio Lower Upper
 96 100
 61 127.8 89.5 166.3
 68 0.3 0.1 0.1#



#22
 2-Butanone
 Concen: 44.620 ug/L
 RT: 7.171 min Scan# 864
 Delta R.T. -0.000 min
 Lab File: VW024282.D
 Acq: 19 Aug 2022 10:04

Tgt Ion: 43 Resp: 56645
 Ion Ratio Lower Upper
 43 100
 72 29.2 14.3 42.9

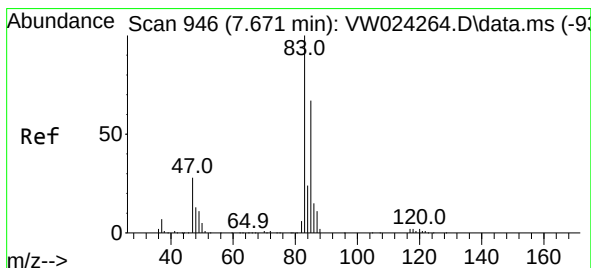
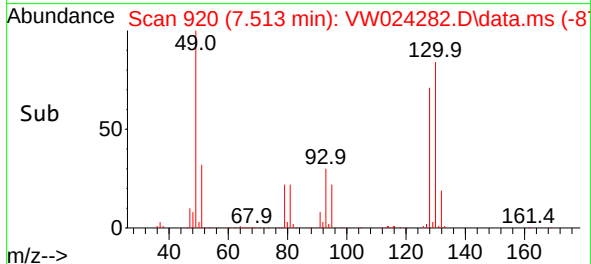
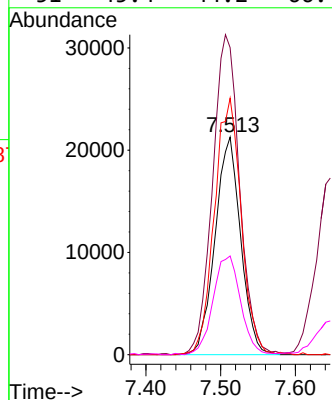
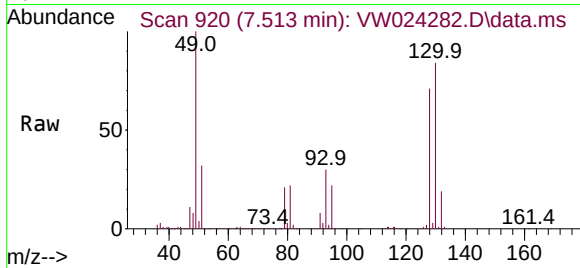




#23
Bromochloromethane
Concen: 25.392 ug/L
RT: 7.513 min Scan# 912
Delta R.T. -0.000 min
Lab File: VW024282.D
Acq: 19 Aug 2022 10:04

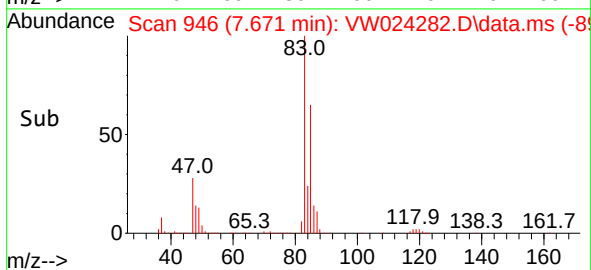
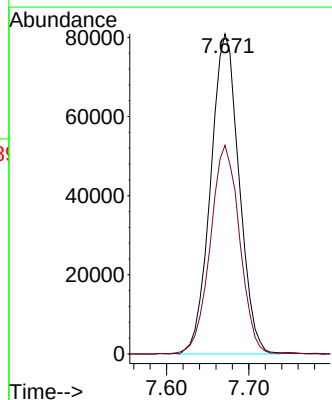
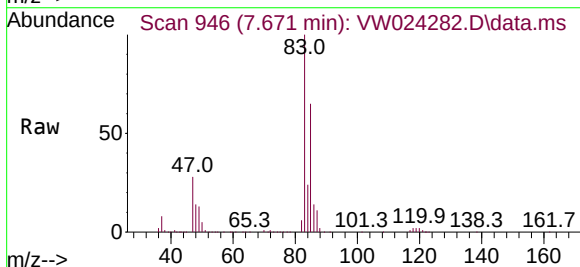
Instrument :
MSVOA_W
ClientSampleId :
VSTD025542

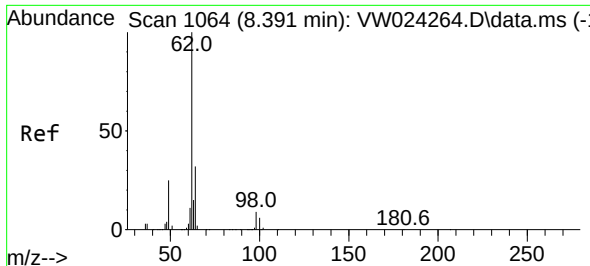
Tgt Ion:	128	Resp:	50735
Ion	Ratio	Lower	Upper
128	100		
49	141.1	106.6	198.0
130	117.9	88.1	163.5
51	45.4	44.2	66.4



#25
Chloroform
Concen: 27.436 ug/L
RT: 7.671 min Scan# 946
Delta R.T. -0.000 min
Lab File: VW024282.D
Acq: 19 Aug 2022 10:04

Tgt Ion:	83	Resp:	194556
Ion	Ratio	Lower	Upper
83	100		
85	65.2	42.9	79.7

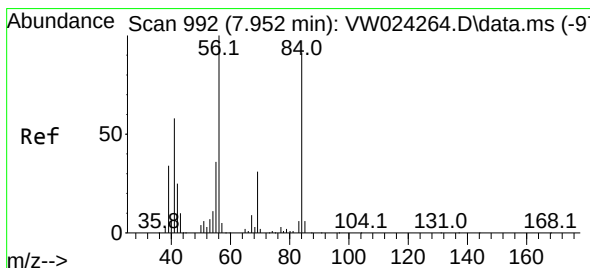
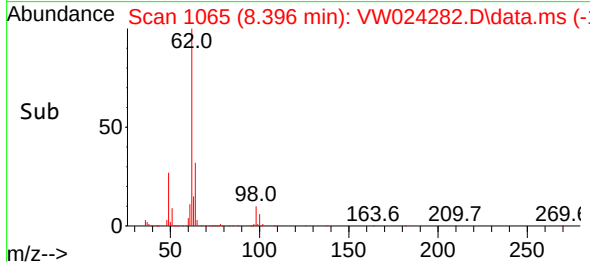
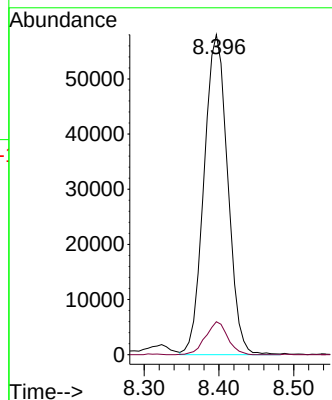
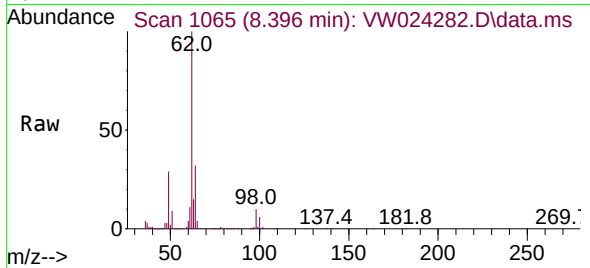




#27
1,2-Dichloroethane
Concen: 26.723 ug/L
RT: 8.396 min Scan# 1064
Delta R.T. 0.006 min
Lab File: VW024282.D
Acq: 19 Aug 2022 10:04

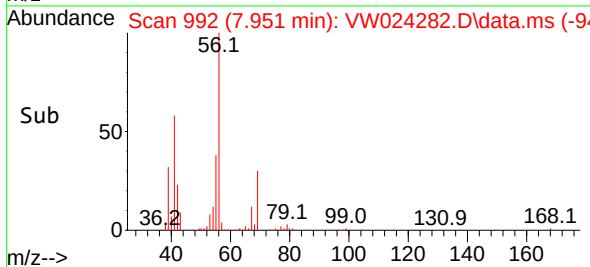
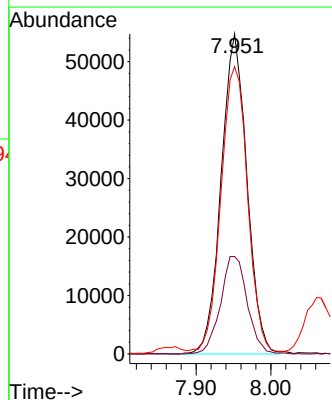
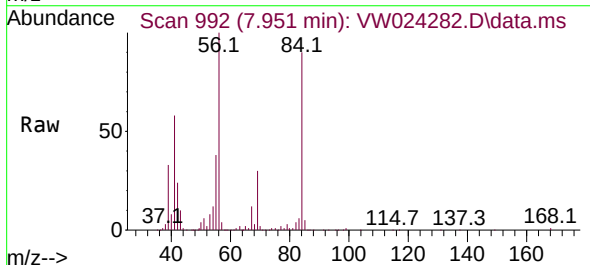
Instrument :
MSVOA_W
ClientSampleId :
VSTD025542

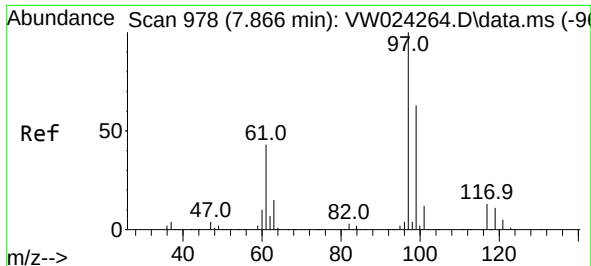
Tgt Ion: 62 Resp: 127513
Ion Ratio Lower Upper
62 100
98 10.3 7.4 11.0



#29
Cyclohexane
Concen: 24.837 ug/L
RT: 7.951 min Scan# 992
Delta R.T. -0.000 min
Lab File: VW024282.D
Acq: 19 Aug 2022 10:04

Tgt Ion: 56 Resp: 131301
Ion Ratio Lower Upper
56 100
69 31.6 24.5 36.7
84 93.4 75.5 113.3

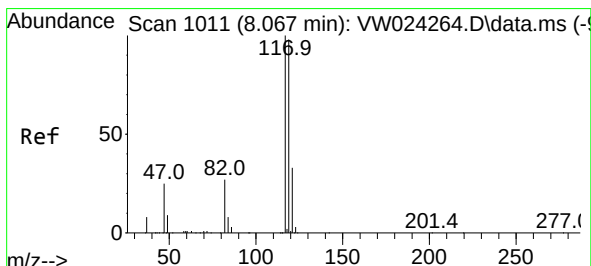
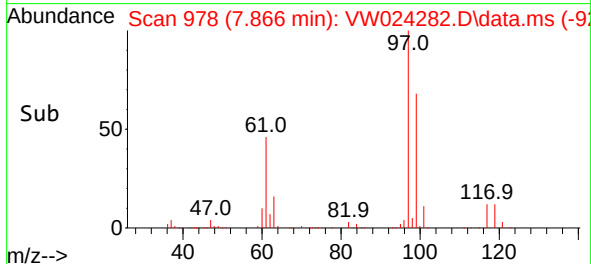
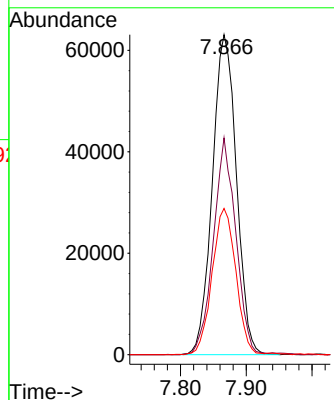
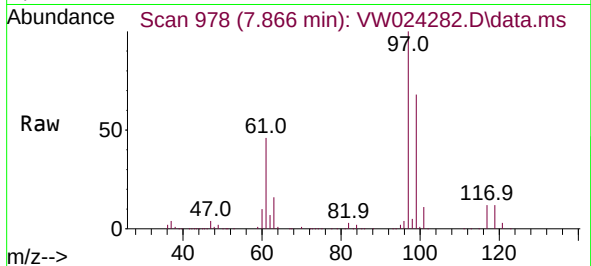




#30
1,1,1-Trichloroethane
Concen: 27.596 ug/L
RT: 7.866 min Scan# 91
Delta R.T. -0.000 min
Lab File: VW024282.D
Acq: 19 Aug 2022 10:04

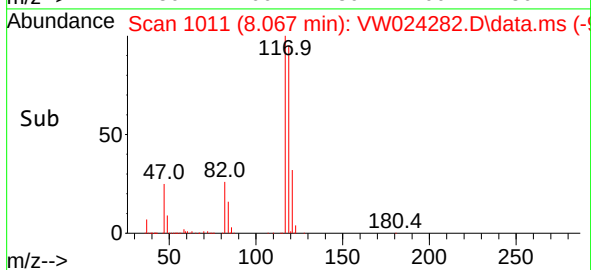
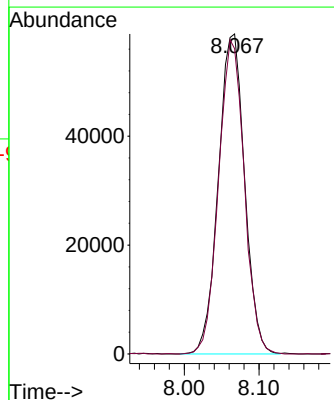
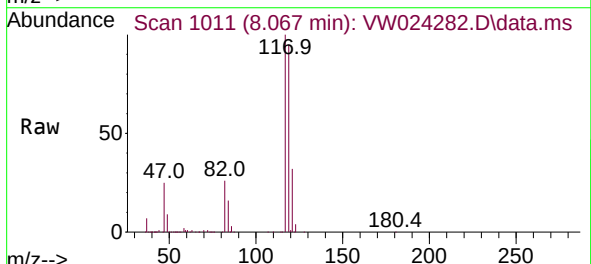
Instrument :
MSVOA_W
ClientSampleId :
VSTD025542

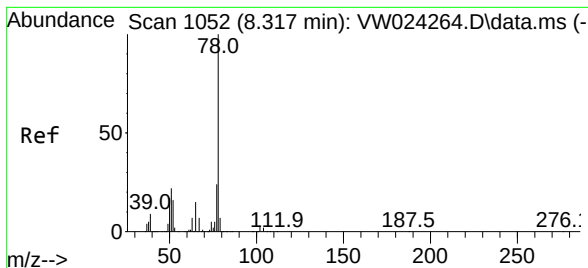
Tgt Ion: 97 Resp: 160473
Ion Ratio Lower Upper
97 100
99 63.1 51.0 76.6
61 45.1 36.2 54.2



#31
Carbon tetrachloride
Concen: 26.145 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.000 min
Lab File: VW024282.D
Acq: 19 Aug 2022 10:04

Tgt Ion: 117 Resp: 143430
Ion Ratio Lower Upper
117 100
119 96.1 77.8 116.8





#33

Benzene

Concen: 25.960 ug/L

RT: 8.317 min Scan# 1052

Delta R.T. -0.000 min

Lab File: VW024282.D

Acq: 19 Aug 2022 10:04

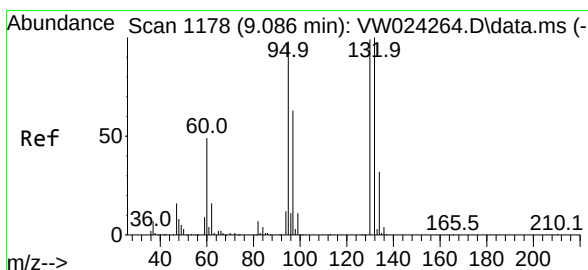
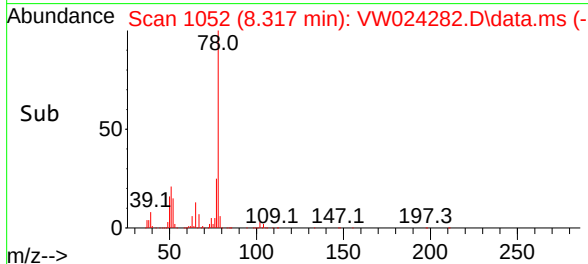
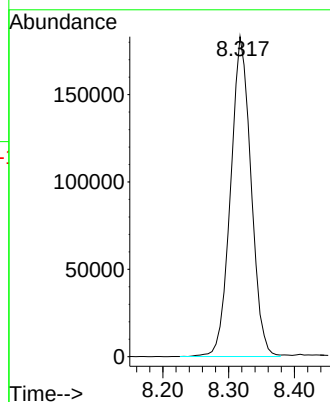
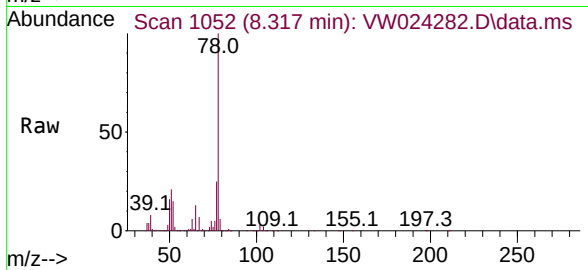
Instrument :

MSVOA_W

ClientSampleId :

VSTD025542

Tgt Ion: 78 Resp: 395373



#34

Trichloroethene

Concen: 25.551 ug/L

RT: 9.085 min Scan# 1178

Delta R.T. -0.000 min

Lab File: VW024282.D

Acq: 19 Aug 2022 10:04

Tgt Ion: 95 Resp: 102856

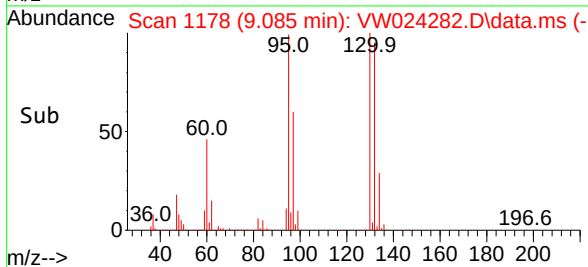
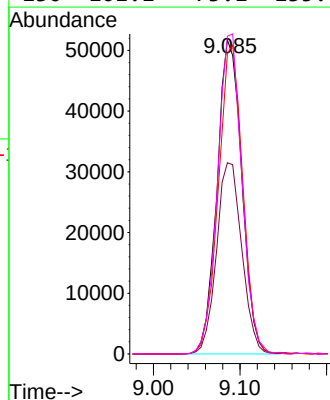
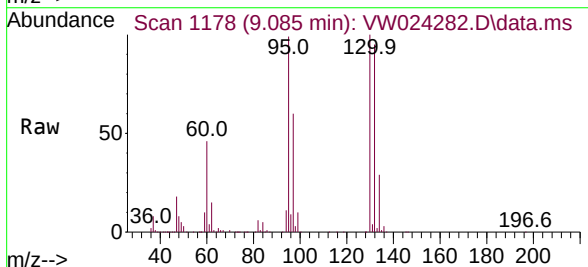
Ion Ratio Lower Upper

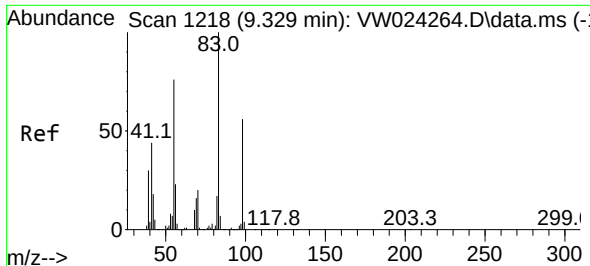
95 100

97 60.9 41.6 77.2

132 95.6 67.0 124.4

130 101.1 73.1 135.8

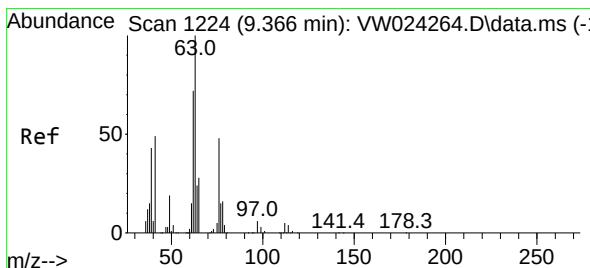
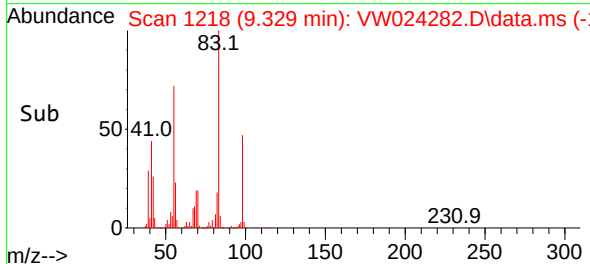
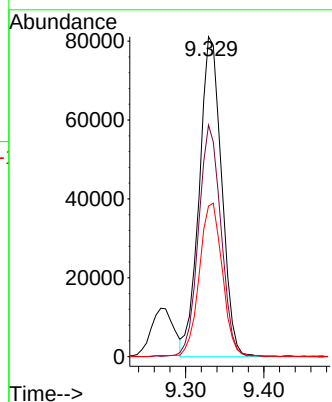
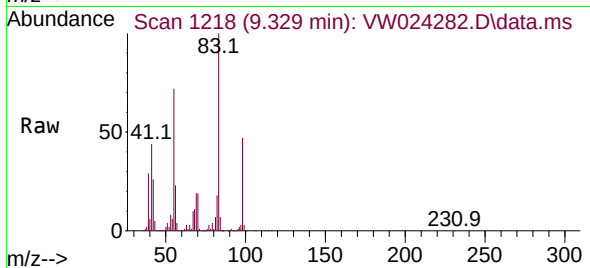




#35
Methylcyclohexane
Concen: 25.456 ug/L
RT: 9.329 min Scan# 1218
Delta R.T. -0.000 min
Lab File: VW024282.D
Acq: 19 Aug 2022 10:04

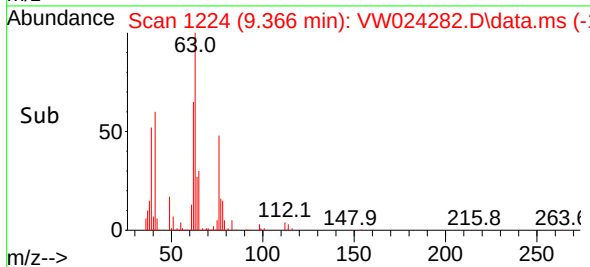
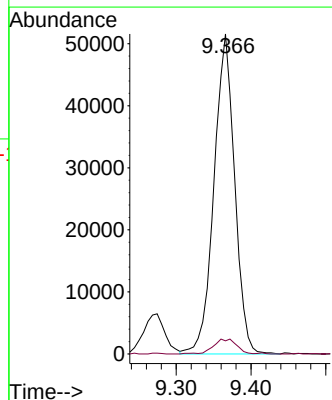
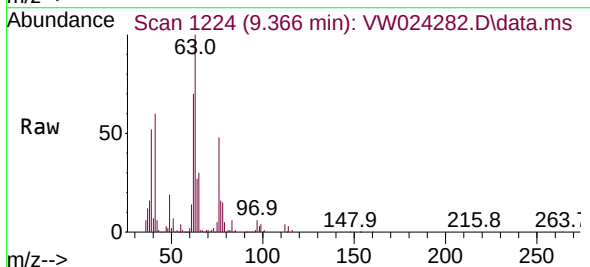
Instrument :
MSVOA_W
ClientSampleId :
VSTD025542

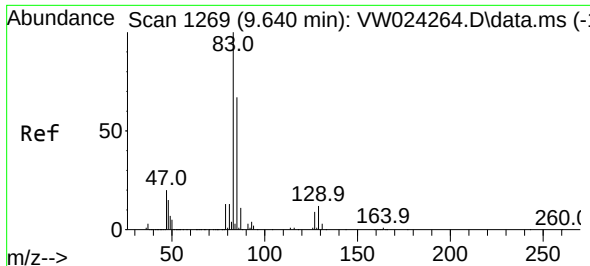
Tgt Ion: 83 Resp: 160691
Ion Ratio Lower Upper
83 100
55 72.1 59.1 88.7
98 49.2 40.8 61.2



#37
1,2-Dichloropropane
Concen: 26.391 ug/L
RT: 9.366 min Scan# 1224
Delta R.T. -0.000 min
Lab File: VW024282.D
Acq: 19 Aug 2022 10:04

Tgt Ion: 63 Resp: 99357
Ion Ratio Lower Upper
63 100
112 5.1 3.8 5.6

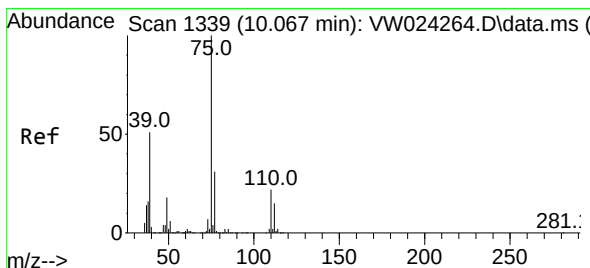
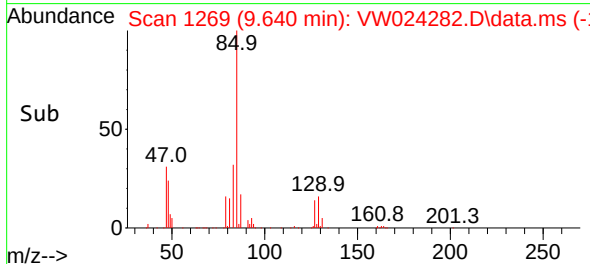
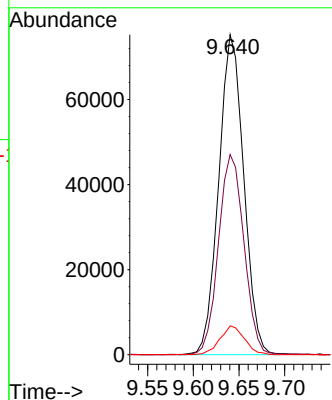
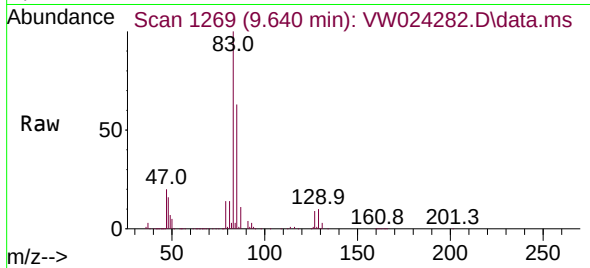




#38
Bromodichloromethane
Concen: 27.169 ug/L
RT: 9.640 min Scan# 1269
Delta R.T. -0.000 min
Lab File: VW024282.D
Acq: 19 Aug 2022 10:04

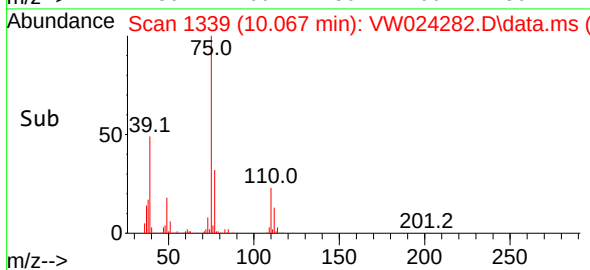
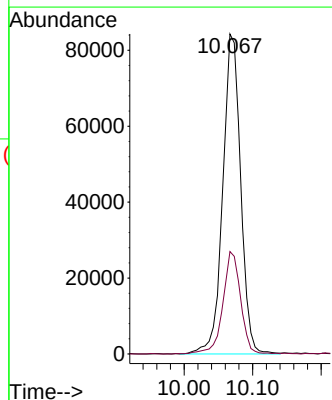
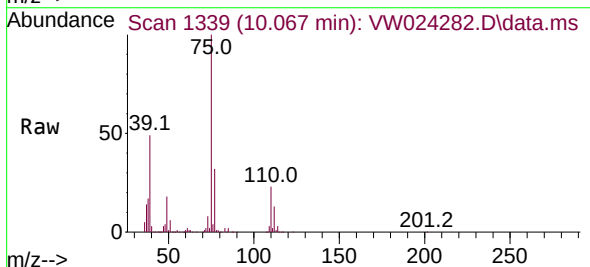
Instrument :
MSVOA_W
ClientSampleId :
VSTD025542

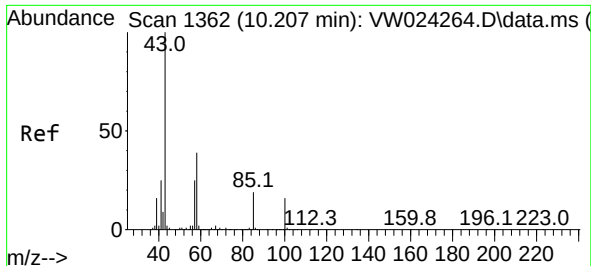
Tgt Ion: 83 Resp: 143461
Ion Ratio Lower Upper
83 100
85 62.5 43.7 81.1
127 9.0 6.9 10.3



#39
cis-1,3-Dichloropropene
Concen: 27.504 ug/L
RT: 10.067 min Scan# 1339
Delta R.T. -0.000 min
Lab File: VW024282.D
Acq: 19 Aug 2022 10:04

Tgt Ion: 75 Resp: 152335
Ion Ratio Lower Upper
75 100
77 32.0 23.4 43.6

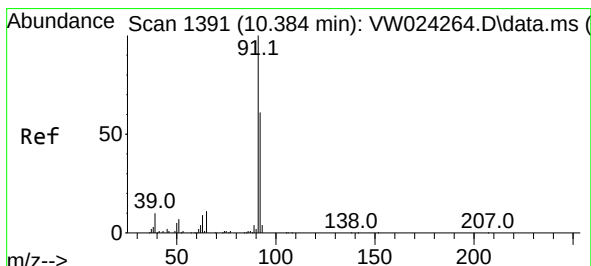
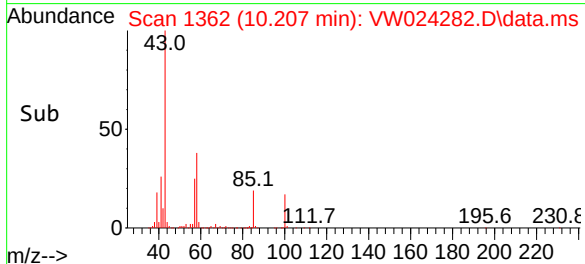
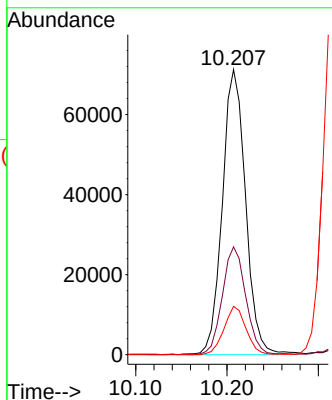
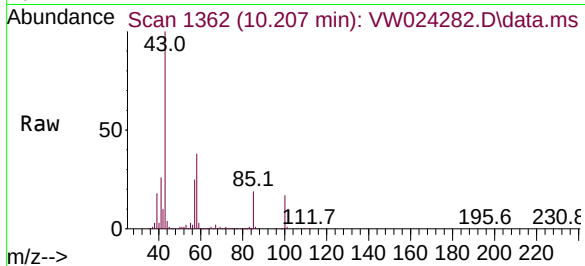




#40
4-Methyl-2-pentanone
Concen: 50.226 ug/L
RT: 10.207 min Scan# 1362
Delta R.T. -0.000 min
Lab File: VW024282.D
Acq: 19 Aug 2022 10:04

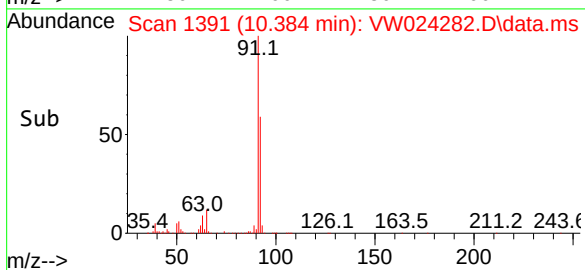
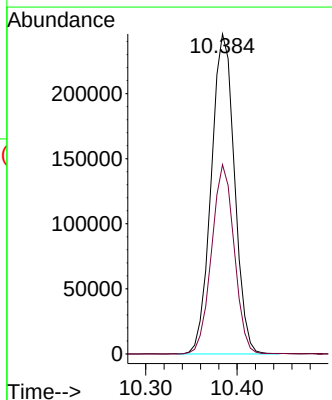
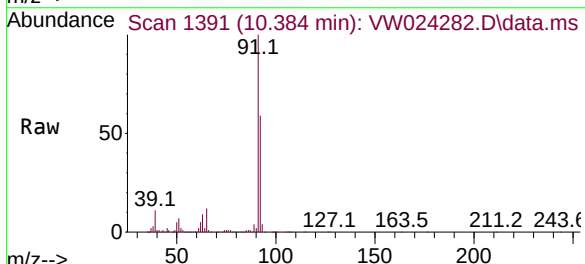
Instrument :
MSVOA_W
ClientSampleId :
VSTD025542

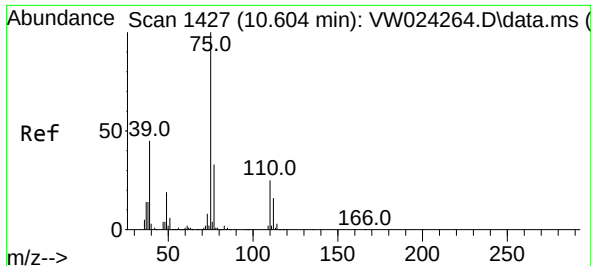
Tgt Ion: 43 Resp: 125494
Ion Ratio Lower Upper
43 100
58 38.2 30.5 45.7
100 16.2 13.8 20.6



#42
Toluene
Concen: 26.825 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.000 min
Lab File: VW024282.D
Acq: 19 Aug 2022 10:04

Tgt Ion: 91 Resp: 434134
Ion Ratio Lower Upper
91 100
92 59.2 41.4 77.0

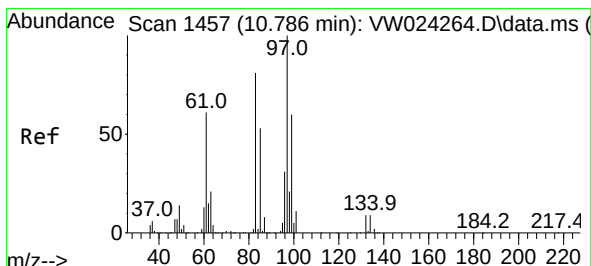
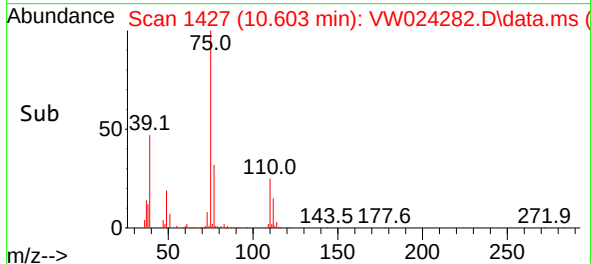
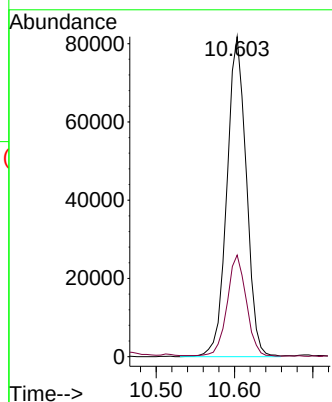
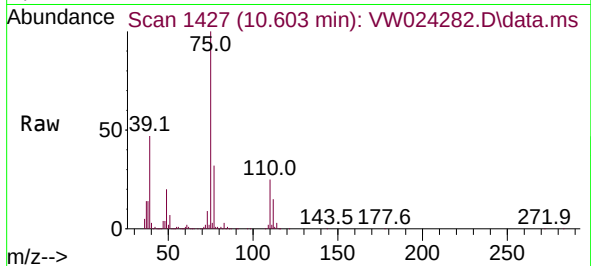




#44
trans-1,3-Dichloropropene
Concen: 27.817 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW024282.D
Acq: 19 Aug 2022 10:04

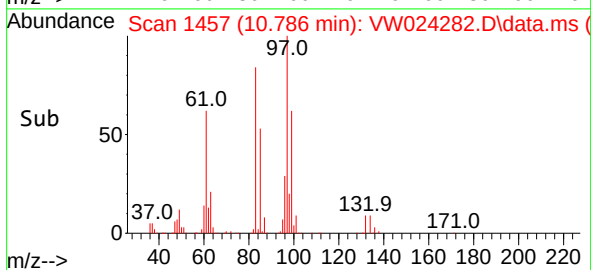
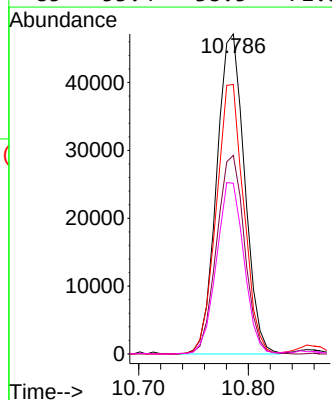
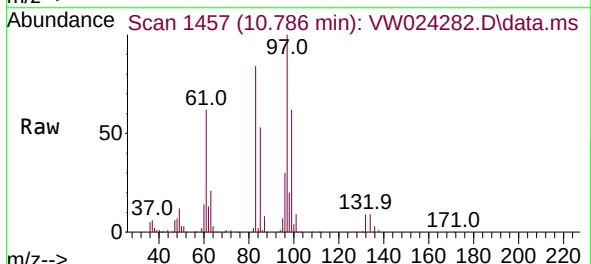
Instrument :
MSVOA_W
ClientSampleId :
VSTD025542

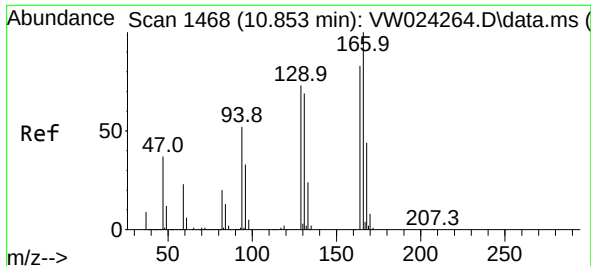
Tgt Ion: 75 Resp: 140777
Ion Ratio Lower Upper
75 100
77 31.8 22.4 41.6



#45
1,1,2-Trichloroethane
Concen: 26.312 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW024282.D
Acq: 19 Aug 2022 10:04

Tgt Ion: 97 Resp: 83491
Ion Ratio Lower Upper
97 100
99 62.0 43.8 81.3
83 84.2 56.4 104.7
85 53.4 38.5 71.5

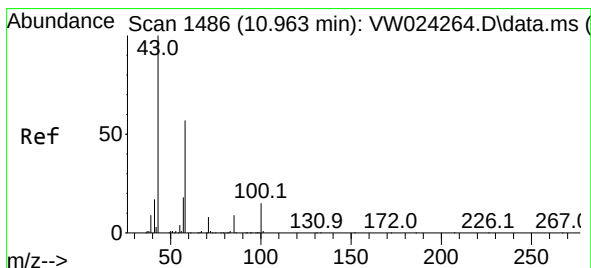
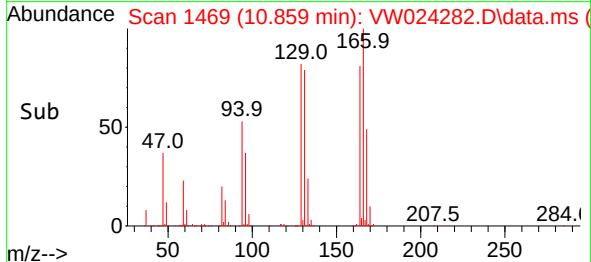
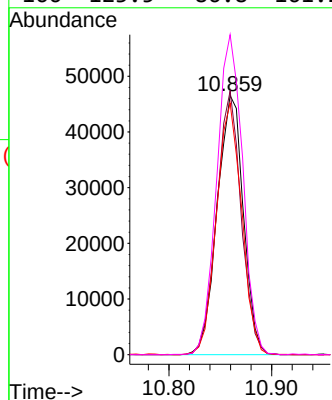
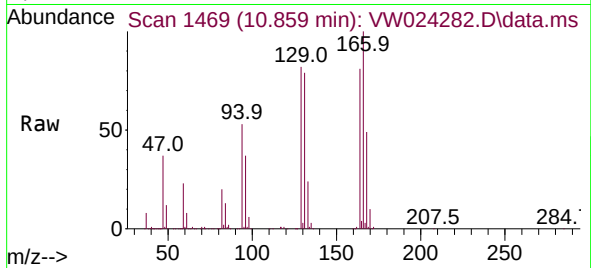




#46
Tetrachloroethene
Concen: 25.233 ug/L
RT: 10.859 min Scan# 1468
Delta R.T. 0.006 min
Lab File: VW024282.D
Acq: 19 Aug 2022 10:04

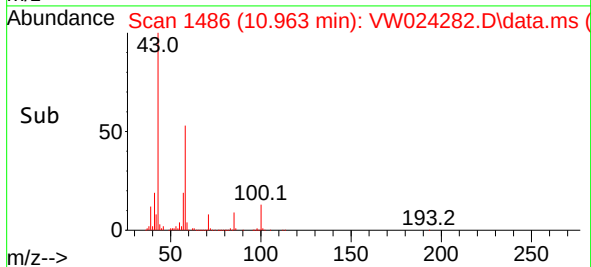
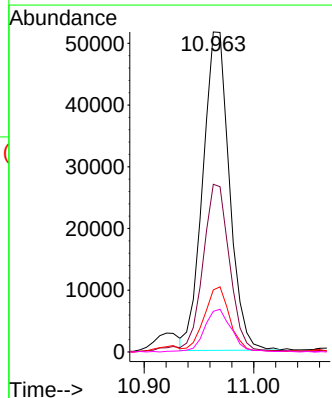
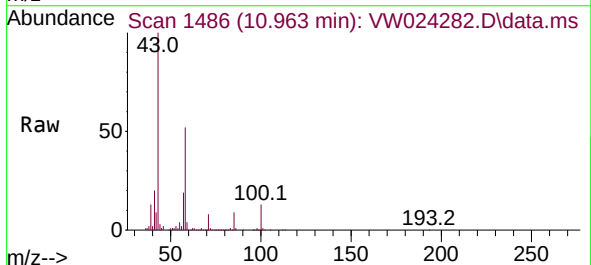
Instrument :
MSVOA_W
ClientSampleId :
VSTD025542

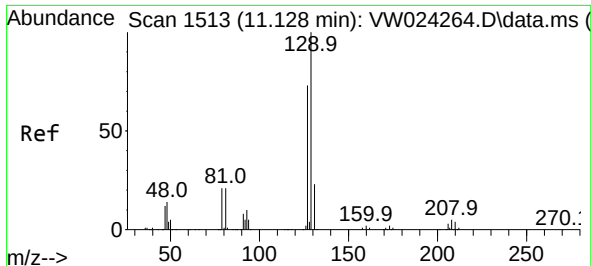
Tgt Ion:164 Resp: 82231
Ion Ratio Lower Upper
164 100
129 101.8 63.1 117.3
131 97.1 63.9 118.7
166 123.5 86.8 161.2



#48
2-Hexanone
Concen: 51.223 ug/L
RT: 10.963 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VW024282.D
Acq: 19 Aug 2022 10:04

Tgt Ion: 43 Resp: 86857
Ion Ratio Lower Upper
43 100
58 51.4 43.4 65.0
57 19.5 15.0 22.4
100 13.7 10.8 16.2

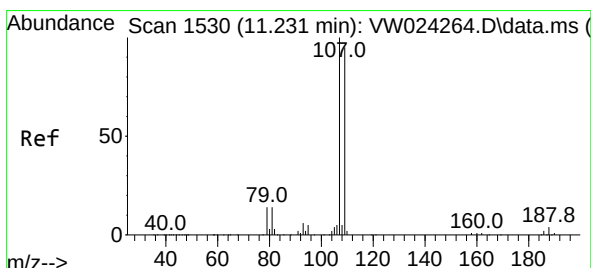
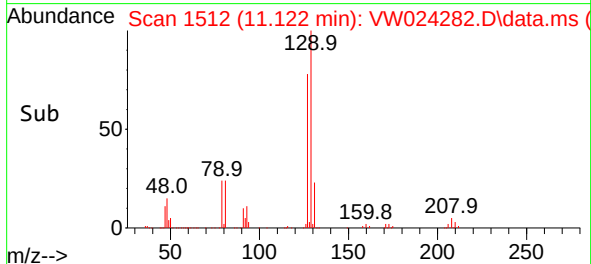
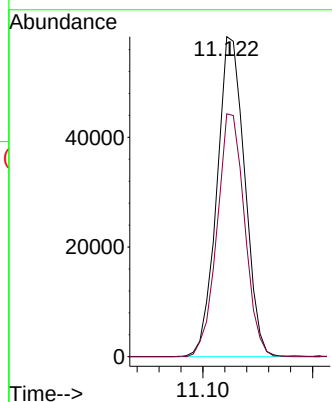
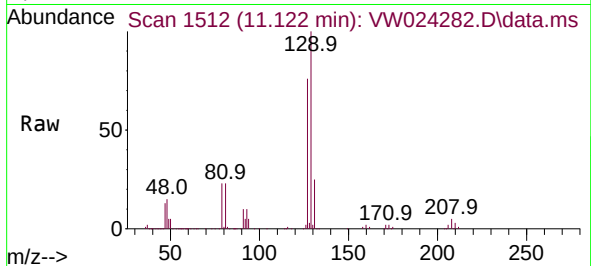




#49
Dibromochloromethane
Concen: 26.970 ug/L
RT: 11.122 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW024282.D
Acq: 19 Aug 2022 10:04

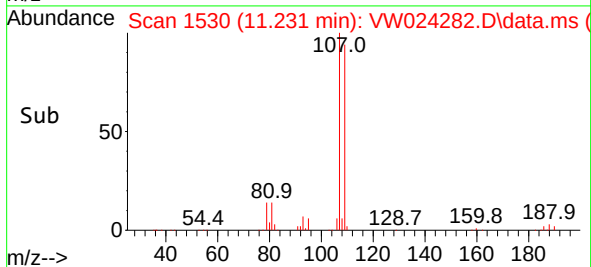
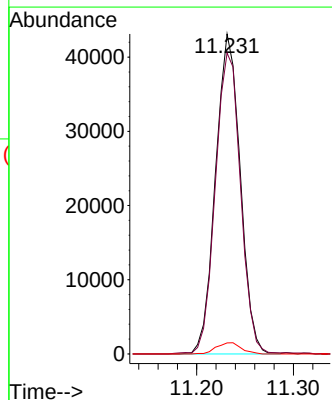
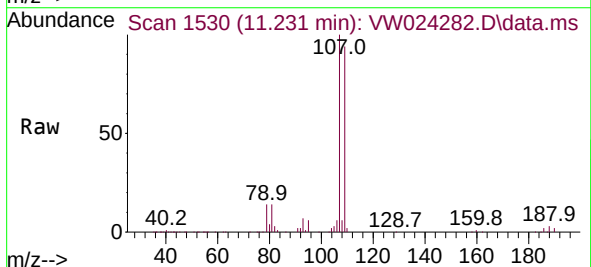
Instrument :
MSVOA_W
ClientSampleId :
VSTD025542

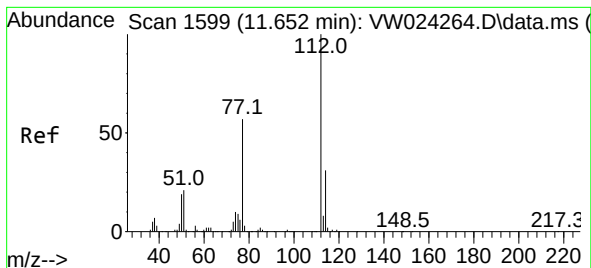
Tgt Ion:129 Resp: 103029
Ion Ratio Lower Upper
129 100
127 75.9 52.3 97.1



#50
1,2-Dibromoethane
Concen: 25.103 ug/L
RT: 11.231 min Scan# 1530
Delta R.T. -0.000 min
Lab File: VW024282.D
Acq: 19 Aug 2022 10:04

Tgt Ion:107 Resp: 76319
Ion Ratio Lower Upper
107 100
109 94.1 64.0 119.0
188 3.4 3.1 4.7

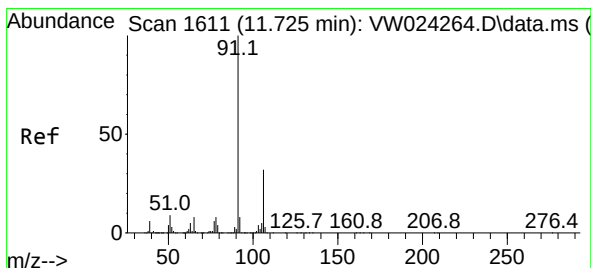
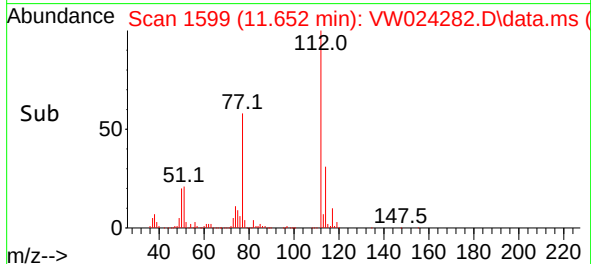
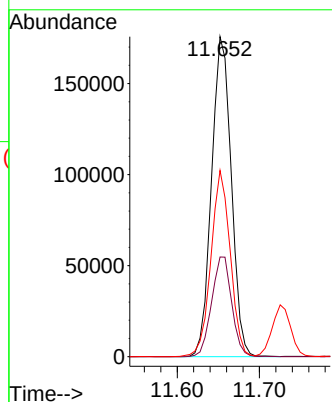
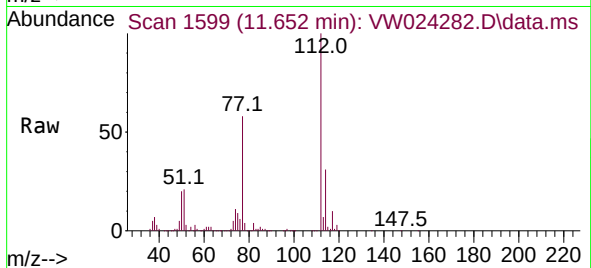




#51
Chlorobenzene
Concen: 26.522 ug/L
RT: 11.652 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VW024282.D
Acq: 19 Aug 2022 10:04

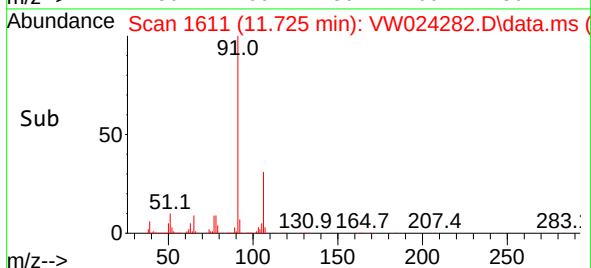
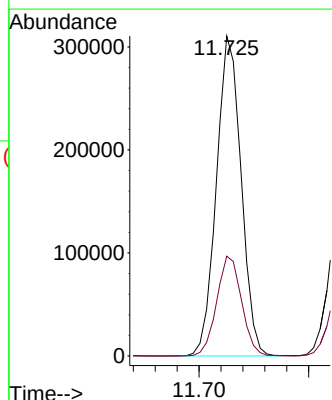
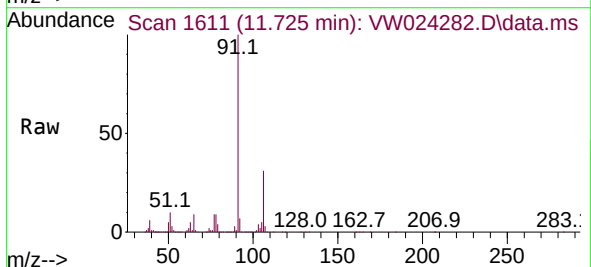
Instrument :
MSVOA_W
ClientSampleId :
VSTD025542

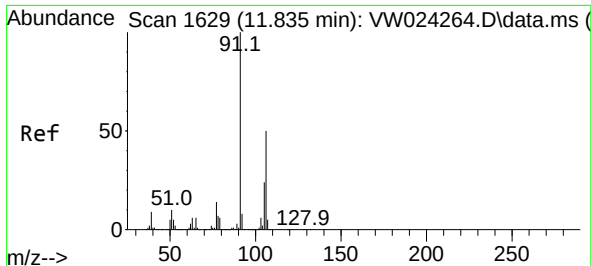
Tgt Ion:112 Resp: 293263
Ion Ratio Lower Upper
112 100
114 31.2 20.7 38.5
77 58.2 41.4 62.2



#52
Ethylbenzene
Concen: 27.422 ug/L
RT: 11.725 min Scan# 1611
Delta R.T. -0.000 min
Lab File: VW024282.D
Acq: 19 Aug 2022 10:04

Tgt Ion: 91 Resp: 486232
Ion Ratio Lower Upper
91 100
106 31.2 21.9 40.7

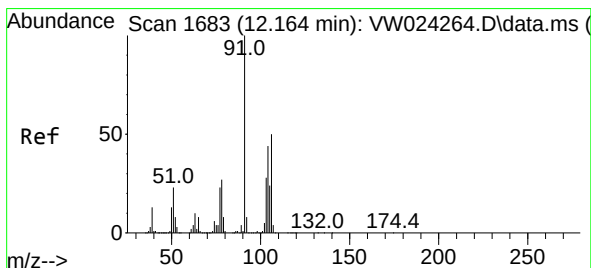
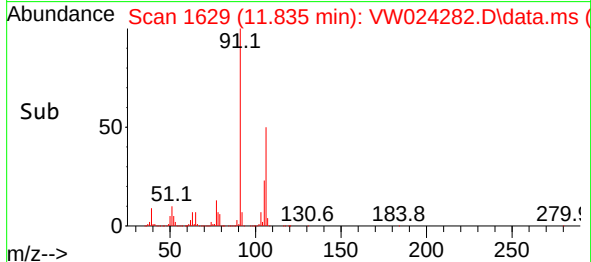
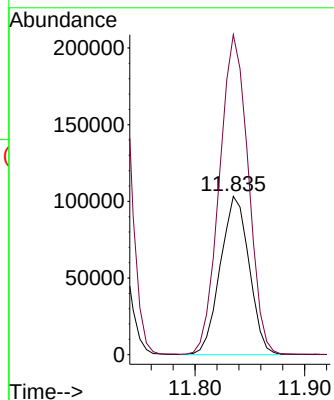
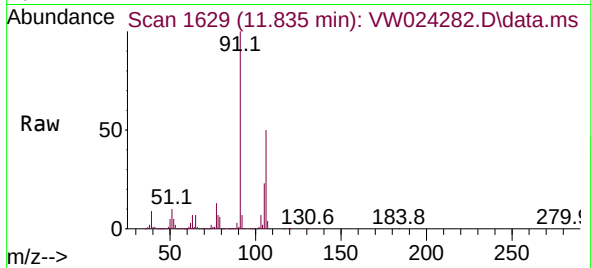




#53
m,p-Xylene
Concen: 27.347 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VW024282.D
Acq: 19 Aug 2022 10:04

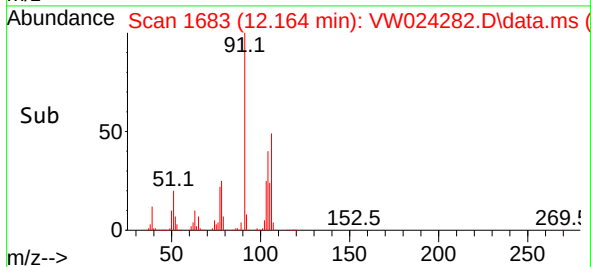
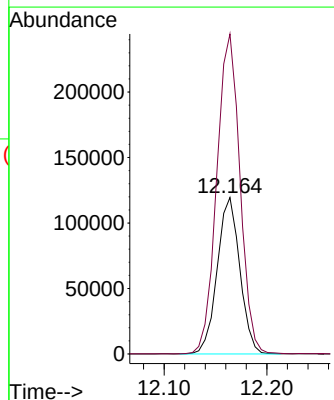
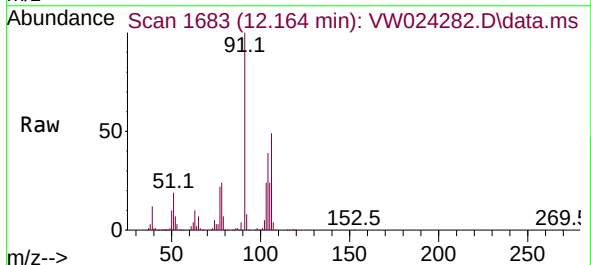
Instrument :
MSVOA_W
ClientSampleId :
VSTD025542

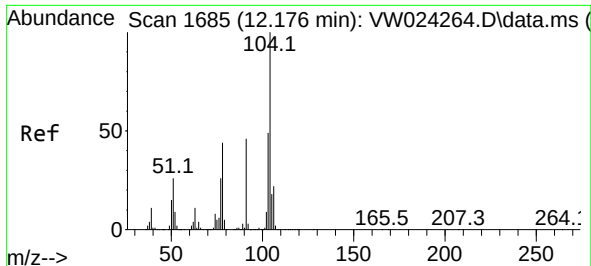
Tgt Ion:106 Resp: 188750
Ion Ratio Lower Upper
106 100
91 202.0 144.1 267.7



#54
o-Xylene
Concen: 27.990 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW024282.D
Acq: 19 Aug 2022 10:04

Tgt Ion:106 Resp: 182513
Ion Ratio Lower Upper
106 100
91 204.5 150.9 280.3

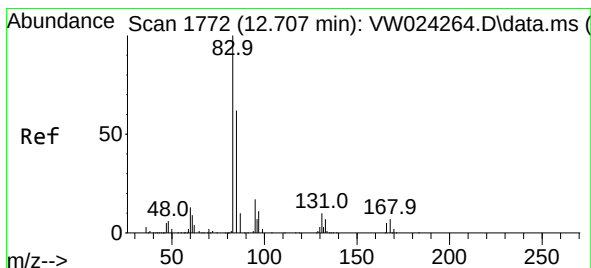
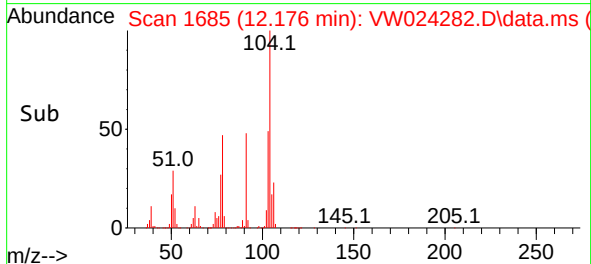
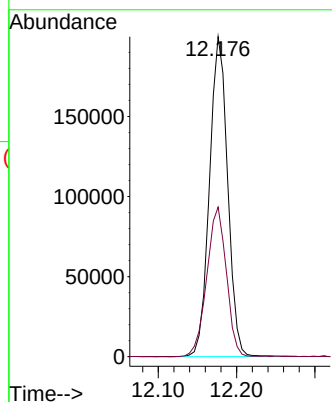
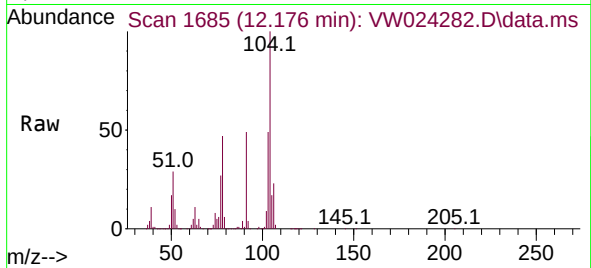




#55
Styrene
Concen: 28.336 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VW024282.D
Acq: 19 Aug 2022 10:04

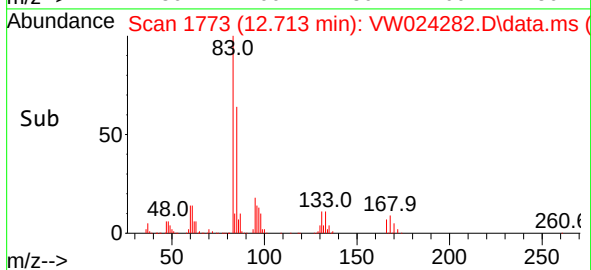
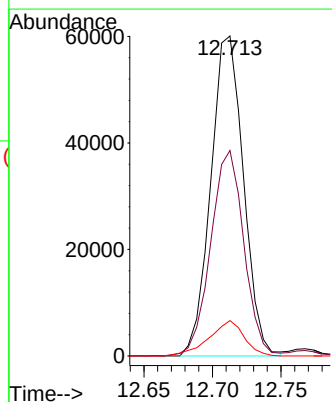
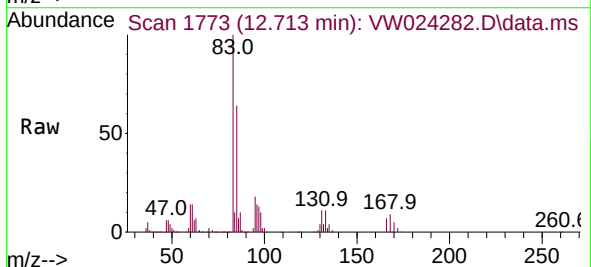
Instrument :
MSVOA_W
ClientSampleId :
VSTD025542

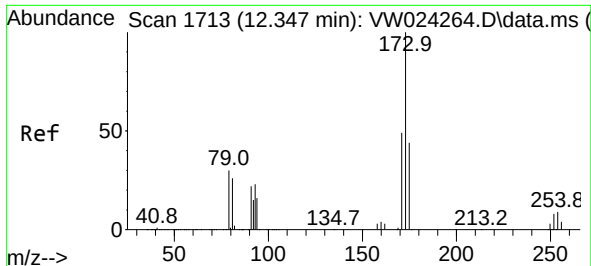
Tgt Ion:104 Resp: 321346
Ion Ratio Lower Upper
104 100
78 46.8 31.1 57.7



#57
1,1,2,2-Tetrachloroethane
Concen: 25.153 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. 0.006 min
Lab File: VW024282.D
Acq: 19 Aug 2022 10:04

Tgt Ion: 83 Resp: 99748
Ion Ratio Lower Upper
83 100
85 64.2 44.1 81.9
131 11.1 8.3 12.5

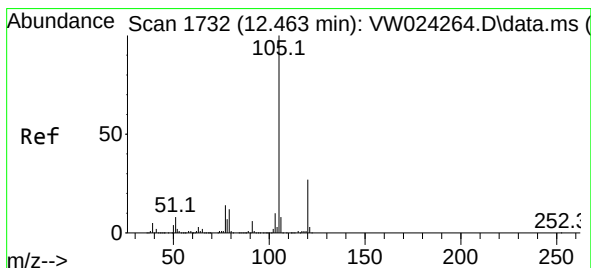
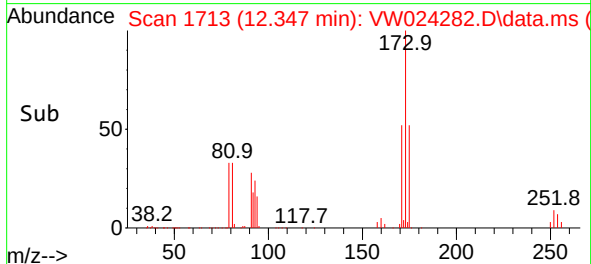
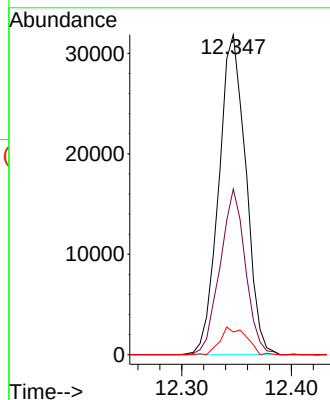
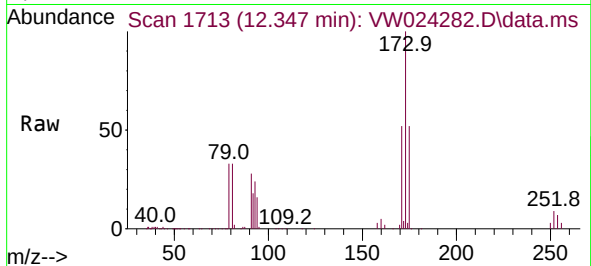




#59
Bromoform
Concen: 24.433 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. -0.000 min
Lab File: VW024282.D
Acq: 19 Aug 2022 10:04

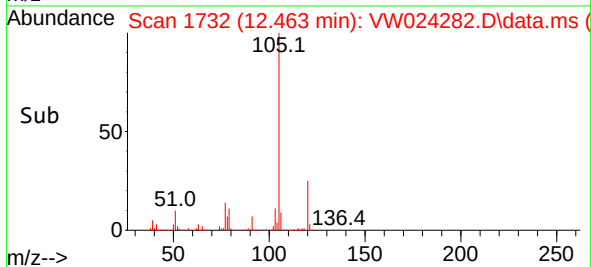
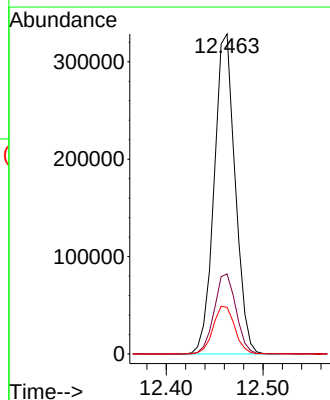
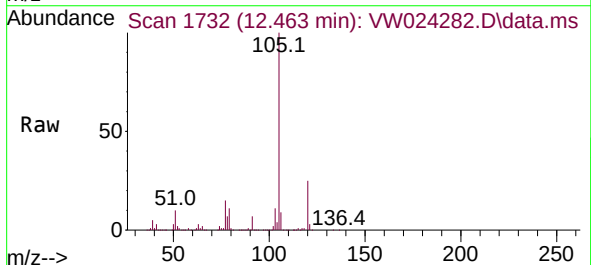
Instrument :
MSVOA_W
ClientSampleId :
VSTD025542

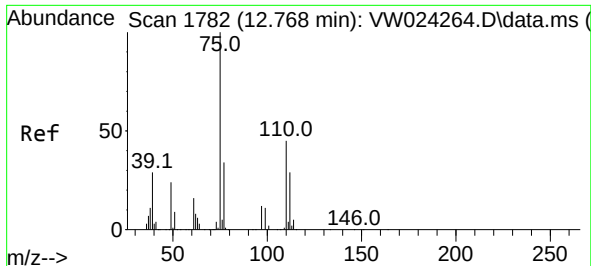
Tgt Ion:173 Resp: 54515
Ion Ratio Lower Upper
173 100
175 48.7 39.0 58.6
254 8.2 6.8 10.2



#60
Isopropylbenzene
Concen: 28.039 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW024282.D
Acq: 19 Aug 2022 10:04

Tgt Ion:105 Resp: 496498
Ion Ratio Lower Upper
105 100
120 26.0 21.4 32.2
77 15.4 12.4 18.6





#61

1,2,3-Trichloropropane

Concen: 24.771 ug/L

RT: 12.762 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW024282.D

Acq: 19 Aug 2022 10:04

Instrument :

MSVOA_W

ClientSampleId :

VSTD025542

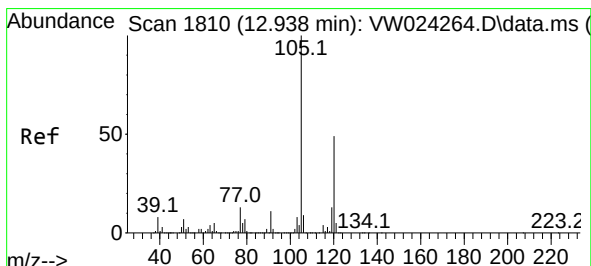
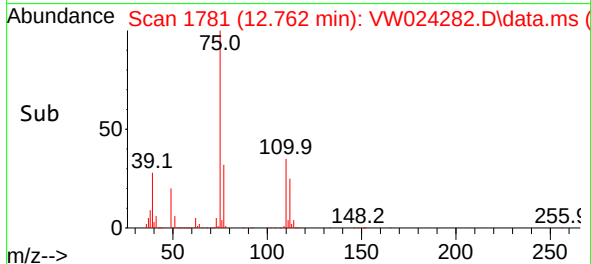
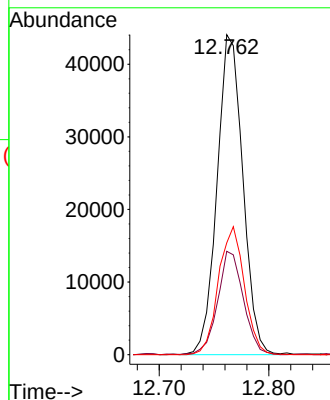
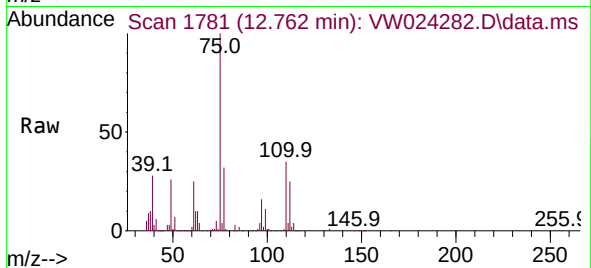
Tgt Ion: 75 Resp: 72110

Ion Ratio Lower Upper

75 100

77 32.2 26.2 39.4

110 40.1 33.6 50.4



#62

1,3,5-Trimethylbenzene

Concen: 28.522 ug/L

RT: 12.938 min Scan# 1810

Delta R.T. -0.000 min

Lab File: VW024282.D

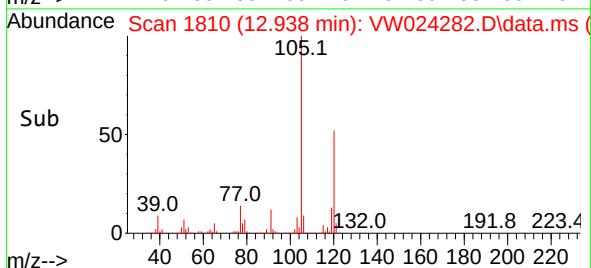
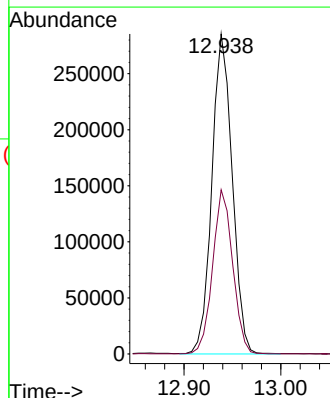
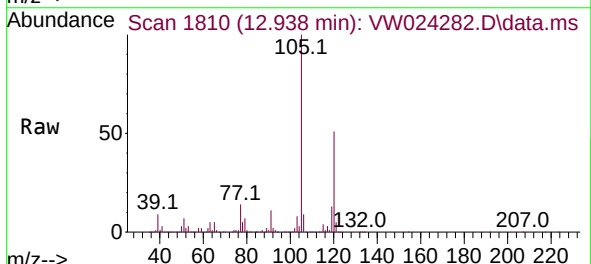
Acq: 19 Aug 2022 10:04

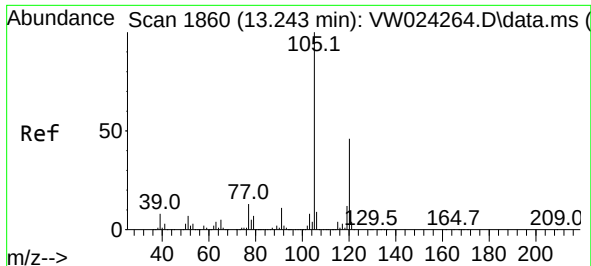
Tgt Ion: 105 Resp: 417374

Ion Ratio Lower Upper

105 100

120 50.6 39.7 59.5

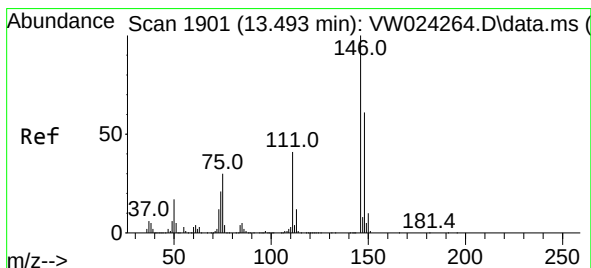
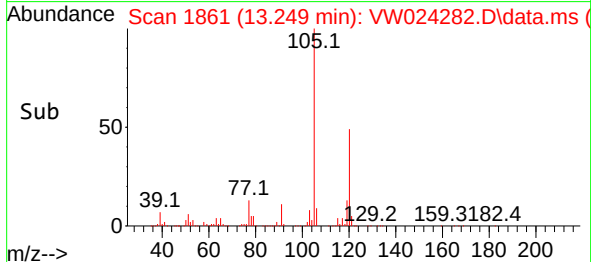
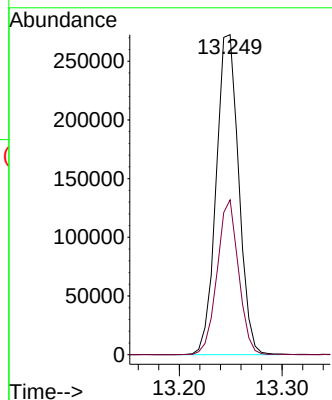
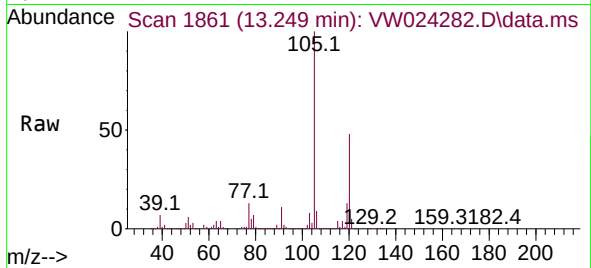




#63
 1,2,4-Trimethylbenzene
 Concen: 28.800 ug/L
 RT: 13.249 min Scan# 1860
 Delta R.T. 0.006 min
 Lab File: VW024282.D
 Acq: 19 Aug 2022 10:04

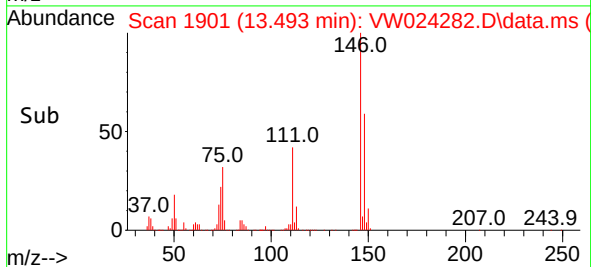
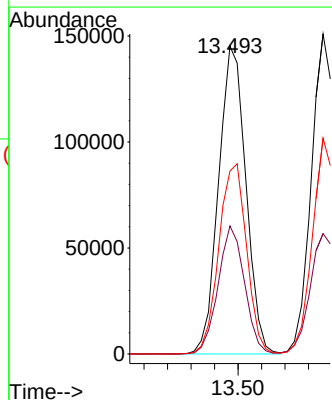
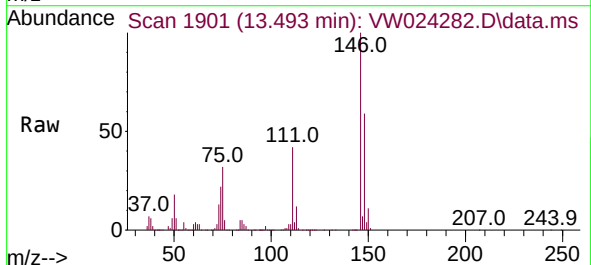
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025542

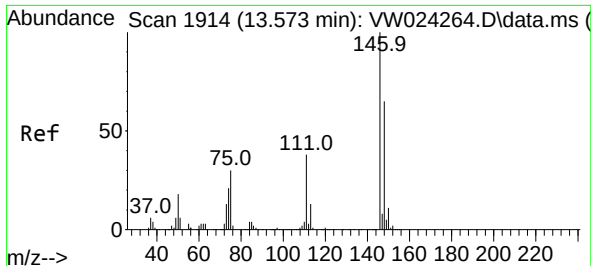
Tgt Ion:105 Resp: 415049
 Ion Ratio Lower Upper
 105 100
 120 45.7 36.4 54.6



#64
 1,3-Dichlorobenzene
 Concen: 27.070 ug/L
 RT: 13.493 min Scan# 1901
 Delta R.T. -0.000 min
 Lab File: VW024282.D
 Acq: 19 Aug 2022 10:04

Tgt Ion:146 Resp: 234722
 Ion Ratio Lower Upper
 146 100
 111 41.6 28.0 52.0
 148 59.4 46.5 86.3





#65

1,4-Dichlorobenzene

Concen: 25.973 ug/L

RT: 13.572 min Scan# 1914

Delta R.T. -0.000 min

Lab File: VW024282.D

Acq: 19 Aug 2022 10:04

Instrument :

MSVOA_W

ClientSampleId :

VSTD025542

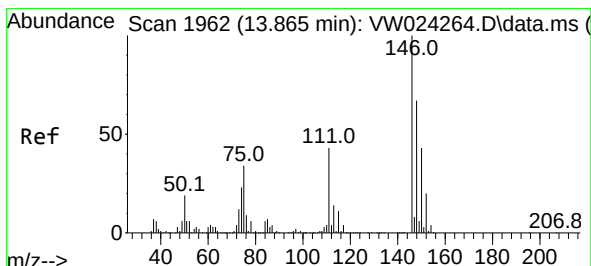
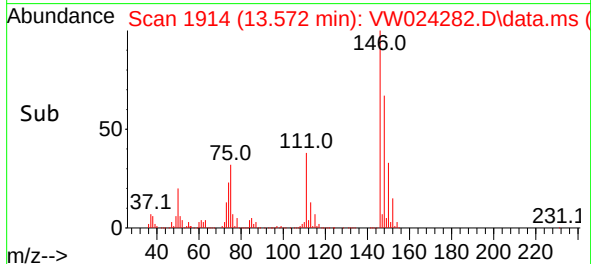
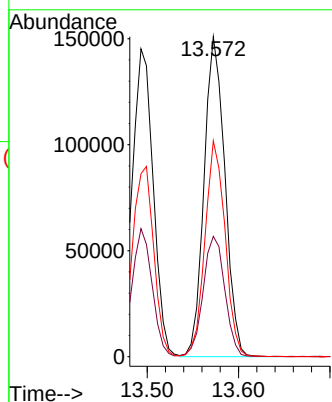
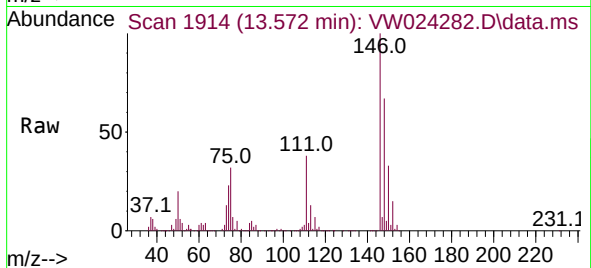
Tgt Ion:146 Resp: 238479

Ion Ratio Lower Upper

146 100

111 37.6 27.6 51.4

148 67.5 40.5 75.3



#67

1,2-Dichlorobenzene

Concen: 27.003 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.000 min

Lab File: VW024282.D

Acq: 19 Aug 2022 10:04

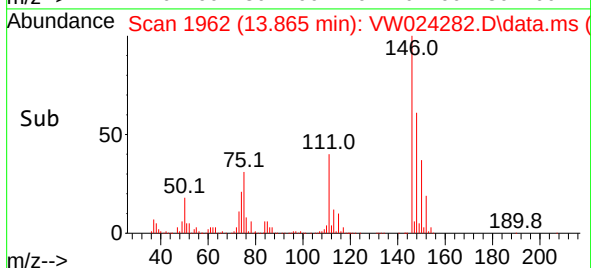
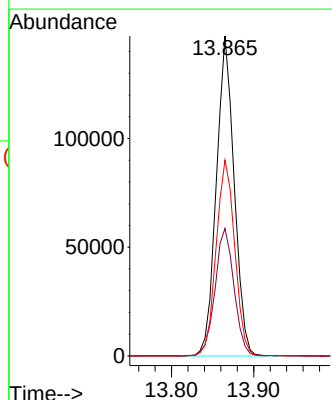
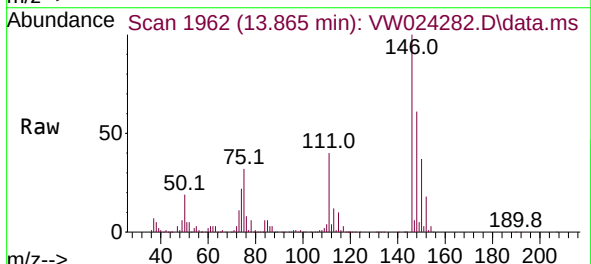
Tgt Ion:146 Resp: 222343

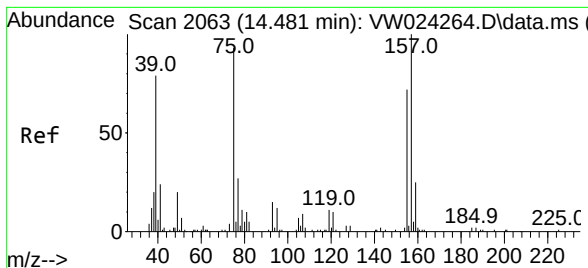
Ion Ratio Lower Upper

146 100

111 39.9 29.0 43.6

148 61.2 47.8 71.8

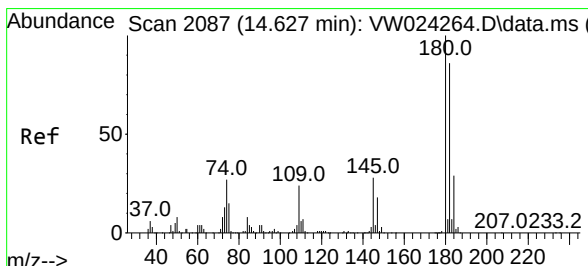
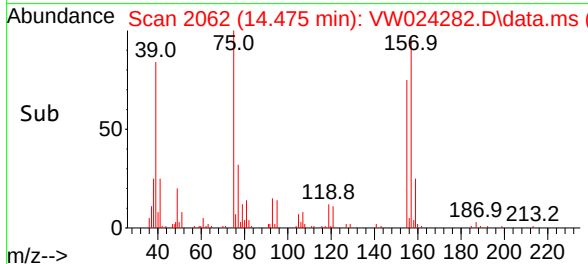
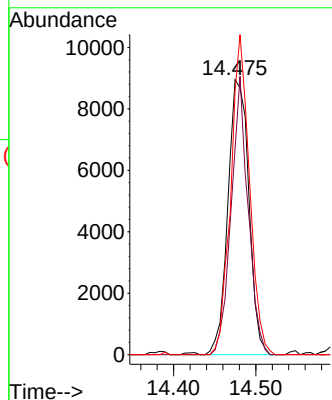
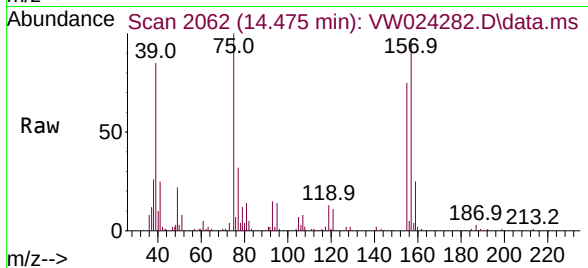




#68
1,2-Dibromo-3-chloropropane
Concen: 23.338 ug/L
RT: 14.475 min Scan# 2062
Delta R.T. -0.006 min
Lab File: VW024282.D
Acq: 19 Aug 2022 10:04

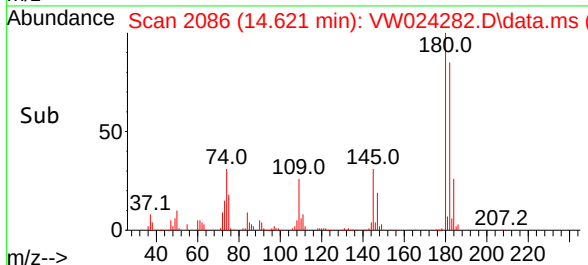
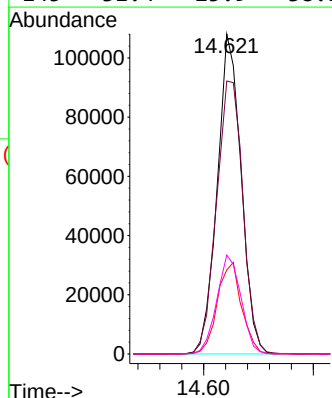
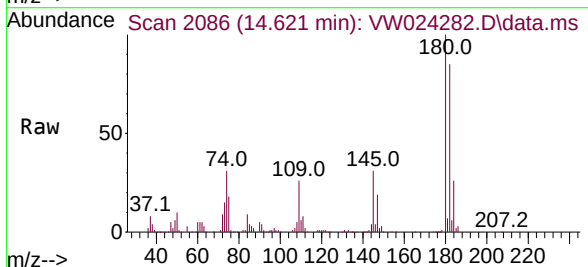
Instrument :
MSVOA_W
ClientSampleId :
VSTD025542

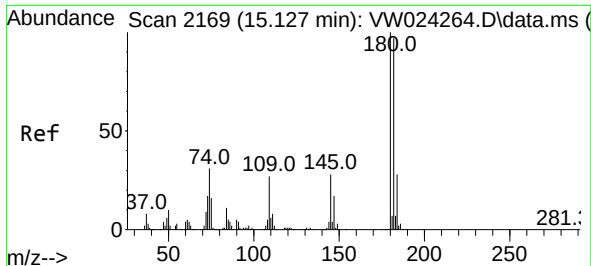
Tgt Ion: 75 Resp: 15873
Ion Ratio Lower Upper
75 100
155 75.0 68.8 103.2
157 95.8 91.5 137.3



#69
1,3,5-Trichlorobenzene
Concen: 28.730 ug/L
RT: 14.621 min Scan# 2086
Delta R.T. -0.006 min
Lab File: VW024282.D
Acq: 19 Aug 2022 10:04

Tgt Ion: 180 Resp: 163355
Ion Ratio Lower Upper
180 100
182 94.6 78.4 117.6
184 29.1 24.7 37.1
145 31.4 25.9 38.9

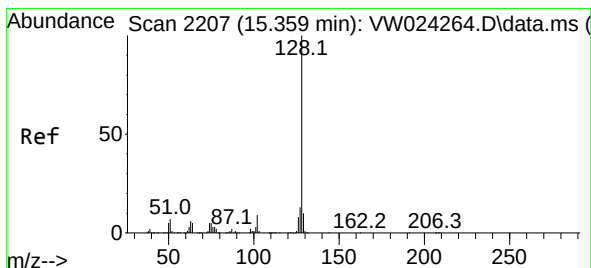
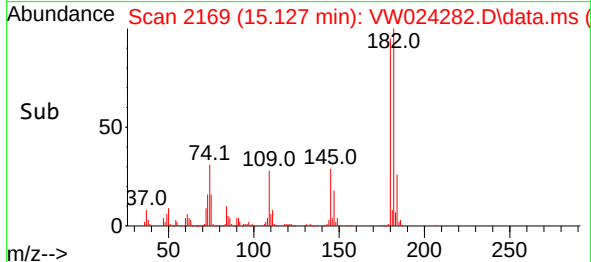
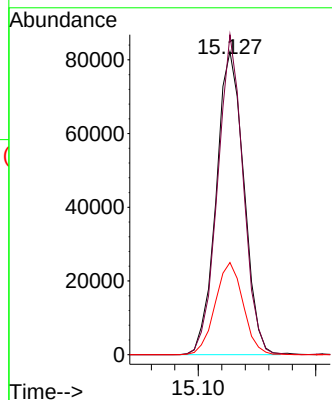
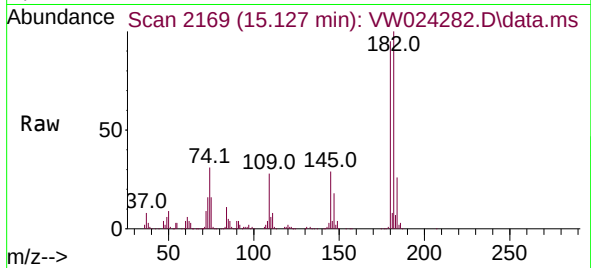




#70
1,2,4-trichlorobenzene
Concen: 29.566 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. -0.000 min
Lab File: VW024282.D
Acq: 19 Aug 2022 10:04

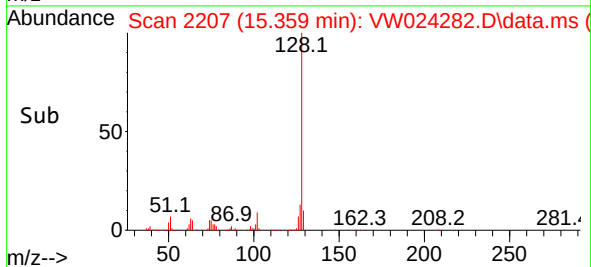
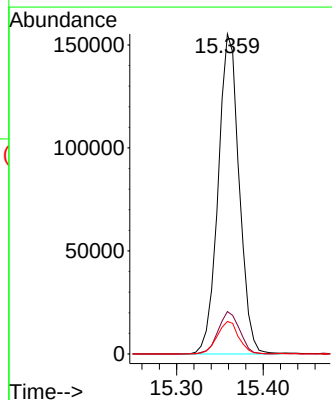
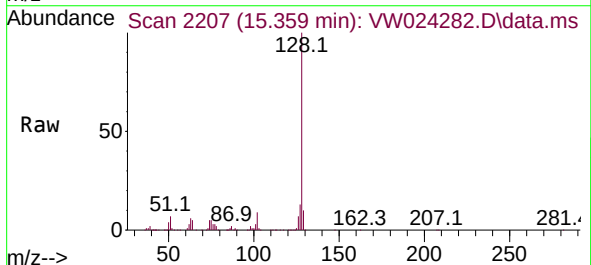
Instrument :
MSVOA_W
ClientSampleId :
VSTD025542

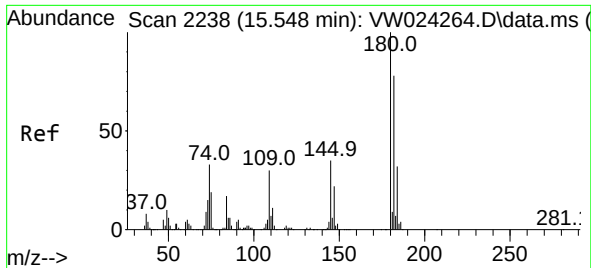
Tgt Ion:180 Resp: 134627
Ion Ratio Lower Upper
180 100
182 97.6 75.0 112.4
145 30.6 25.1 37.7



#71
Naphthalene
Concen: 29.545 ug/L
RT: 15.359 min Scan# 2207
Delta R.T. -0.000 min
Lab File: VW024282.D
Acq: 19 Aug 2022 10:04

Tgt Ion:128 Resp: 262041
Ion Ratio Lower Upper
128 100
127 13.5 10.7 16.1
129 10.4 8.8 13.2





#72
 1,2,3-Trichlorobenzene
 Concen: 30.857 ug/L
 RT: 15.548 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW024282.D
 Acq: 19 Aug 2022 10:04

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025542

Tgt Ion:180 Resp: 127919
 Ion Ratio Lower Upper
 180 100
 182 90.5 75.4 113.2
 145 32.6 26.9 40.3

