

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081722\
 Data File : VW024264.D
 Acq On : 17 Aug 2022 09:53
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025538

Quant Time: Aug 18 00:59:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Aug 17 01:00:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	274372	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	265931	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	152633	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	125456	21.875	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.520%
7) Chloroethane-d5	2.867	69	89381	25.018	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.080%
11) 1,1-Dichloroethene-d2	4.007	63	159782	24.446	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	97.800%
21) 2-Butanone-d5	7.080	46	52940	49.617	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.240%
24) Chloroform-d	7.641	84	212645	25.614	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.440%
26) 1,2-Dichloroethane-d4	8.299	65	110816	24.043	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.160%
32) Benzene-d6	8.269	84	388317	24.759	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.040%
36) 1,2-Dichloropropane-d6	9.268	67	116200	25.094	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.360%
41) Toluene-d8	10.317	98	360691	24.605	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.400%
43) trans-1,3-Dichloroprop...	10.573	79	50711	25.003	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	100.000%
47) 2-Hexanone-d5	10.921	63	43025	50.303	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.600%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	107978	24.034	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.120%
66) 1,2-Dichlorobenzene-d4	13.847	152	137153	24.555	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.240%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.001	85	36655	15.185	ug/L	90
3) Chloromethane	2.209	50	101859	22.500	ug/L	96
5) Vinyl chloride	2.355	62	151990	24.118	ug/L	99
6) Bromomethane	2.763	94	109828	30.395	ug/L	91
8) Chloroethane	2.910	64	72445	26.243	ug/L	99
9) Trichlorofluoromethane	3.239	101	62534	20.933	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.050	101	101697	25.241	ug/L	98
12) 1,1-Dichloroethene	4.032	96	85345	25.874	ug/L	98
13) Acetone	4.135	43	35519	45.215	ug/L	64
14) Carbon disulfide	4.373	76	230619	21.849	ug/L	98
15) Methyl Acetate	4.666	43	42290	23.901	ug/L	99
16) Methylene chloride	4.903	84	107157	22.147	ug/L	98
17) trans-1,2-Dichloroethene	5.415	96	101173	26.560	ug/L	96
18) Methyl tert-butyl Ether	5.422	73	169409	31.188	ug/L	98
19) 1,1-Dichloroethane	6.208	63	184506	27.497	ug/L	98
20) cis-1,2-Dichloroethene	7.165	96	112220	26.825	ug/L #	96
22) 2-Butanone	7.171	43	57529	43.460	ug/L	99
23) Bromochloromethane	7.513	128	51901	24.912	ug/L	93
25) Chloroform	7.671	83	205512	27.794	ug/L	93

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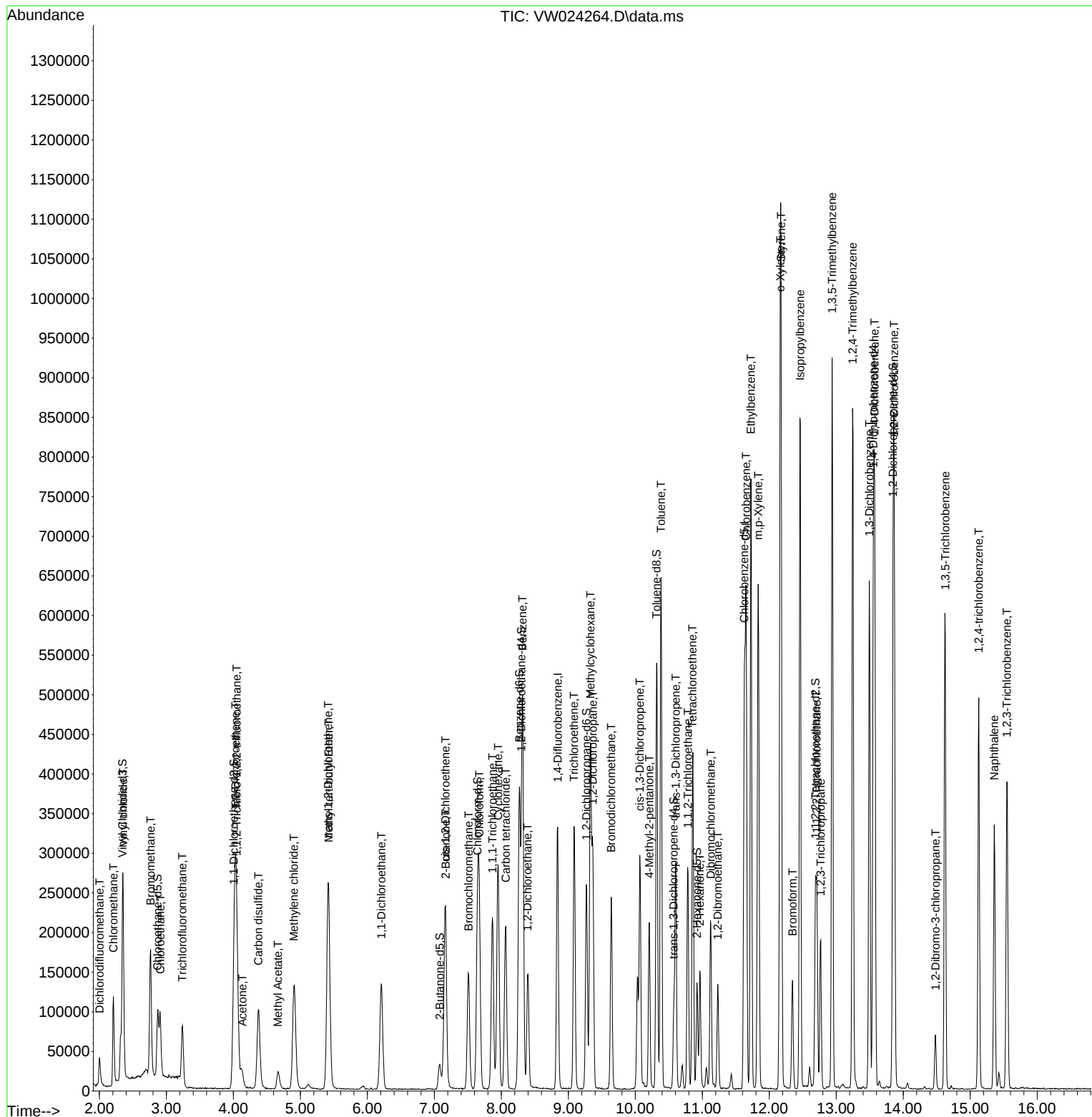
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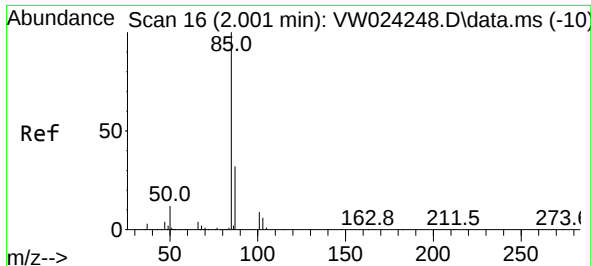
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.391	62	130998	26.329	ug/L	99
29) Cyclohexane	7.952	56	144656	26.533	ug/L	99
30) 1,1,1-Trichloroethane	7.866	97	170478	28.427	ug/L	100
31) Carbon tetrachloride	8.067	117	149951	26.504	ug/L	98
33) Benzene	8.317	78	420755	26.789	ug/L	100
34) Trichloroethene	9.086	95	111923	26.960	ug/L	95
35) Methylcyclohexane	9.329	83	175668	26.984	ug/L	98
37) 1,2-Dichloropropane	9.366	63	105724	27.230	ug/L	100
38) Bromodichloromethane	9.640	83	149714	27.493	ug/L	95
39) cis-1,3-Dichloropropene	10.067	75	164381	28.778	ug/L	96
40) 4-Methyl-2-pentanone	10.207	43	129005	50.065	ug/L	99
42) Toluene	10.384	91	465209	27.873	ug/L	97
44) trans-1,3-Dichloropropene	10.604	75	148716	28.494	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	85178	26.029	ug/L	98
46) Tetrachloroethene	10.853	164	90591	26.954	ug/L	95
48) 2-Hexanone	10.963	43	89074	50.937	ug/L	98
49) Dibromochloromethane	11.128	129	107591	27.310	ug/L	98
50) 1,2-Dibromoethane	11.231	107	79243	25.274	ug/L	96
51) Chlorobenzene	11.652	112	309869	27.173	ug/L	94
52) Ethylbenzene	11.725	91	515591	28.195	ug/L	99
53) m,p-Xylene	11.835	106	202645	28.469	ug/L	97
54) o-Xylene	12.164	106	195272	29.038	ug/L	89
55) Styrene	12.176	104	343473	29.368	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.707	83	103275	25.252	ug/L	100
59) Bromoform	12.347	173	58801	25.257	ug/L	96
60) Isopropylbenzene	12.463	105	538163	29.126	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	73164	24.086	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	456965	29.927	ug/L	98
63) 1,2,4-Trimethylbenzene	13.243	105	458033	30.459	ug/L	100
64) 1,3-Dichlorobenzene	13.493	146	246448	27.238	ug/L	96
65) 1,4-Dichlorobenzene	13.573	146	253578	26.467	ug/L	94
67) 1,2-Dichlorobenzene	13.865	146	223631	26.028	ug/L	90
68) 1,2-Dibromo-3-chloropr...	14.481	75	16101	22.687	ug/L	93
69) 1,3,5-Trichlorobenzene	14.627	180	178566	30.097	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	139745	29.412	ug/L	98
71) Naphthalene	15.359	128	267752	28.931	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	126487	29.241	ug/L	98

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

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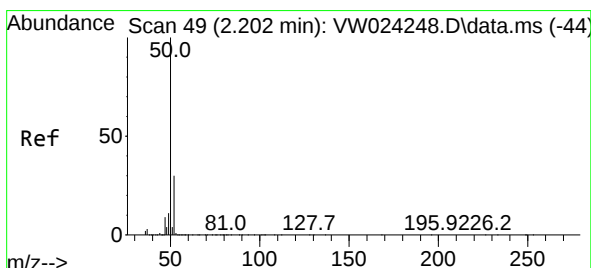
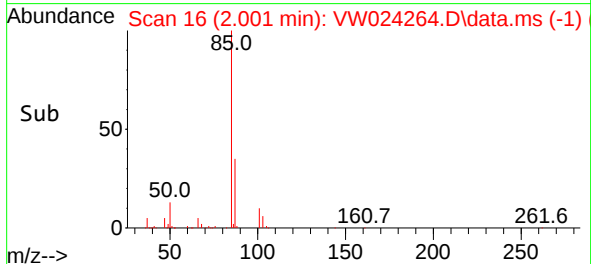
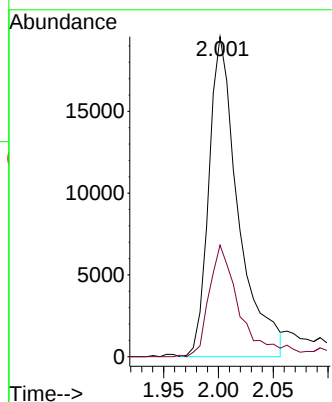
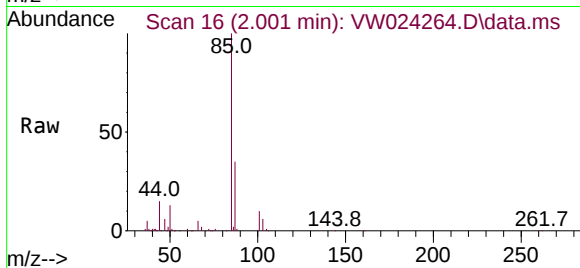




#2
Dichlorodifluoromethane
Concen: 15.185 ug/L
RT: 2.001 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW024264.D
Acq: 17 Aug 2022 09:53

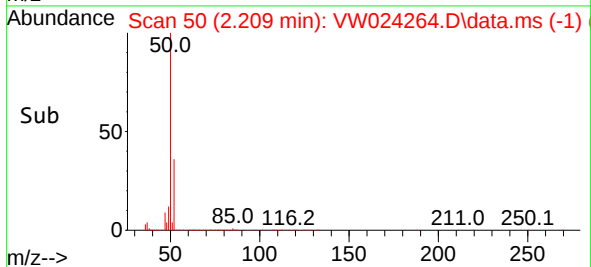
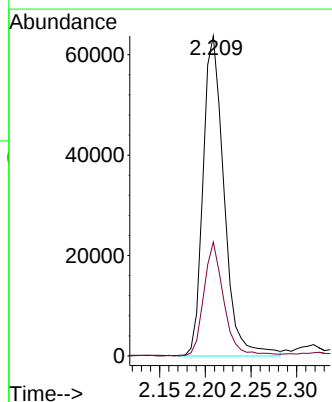
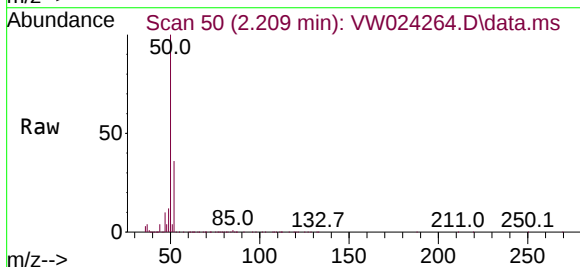
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MSVOA_W
ClientSampleId :
VSTD025538

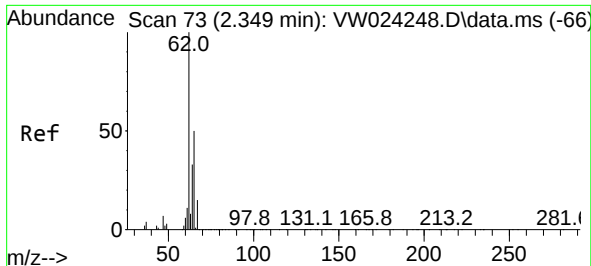
Tgt Ion: 85 Resp: 36655
Ion Ratio Lower Upper
85 100
87 36.0 24.5 36.7



#3
Chloromethane
Concen: 22.500 ug/L
RT: 2.209 min Scan# 50
Delta R.T. 0.006 min
Lab File: VW024264.D
Acq: 17 Aug 2022 09:53

Tgt Ion: 50 Resp: 101859
Ion Ratio Lower Upper
50 100
52 35.6 23.2 43.2

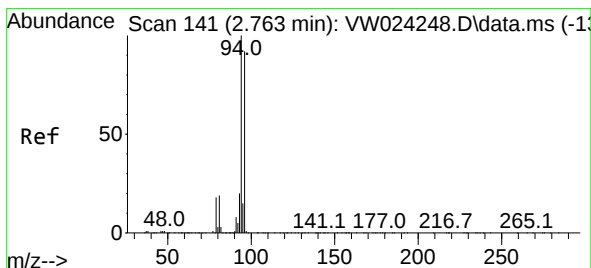
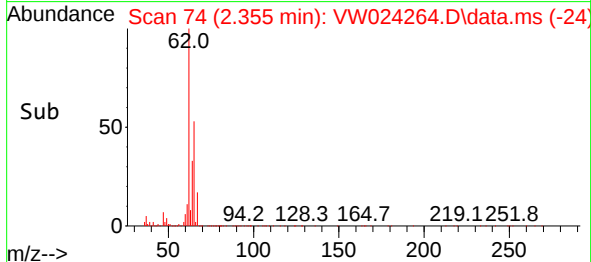
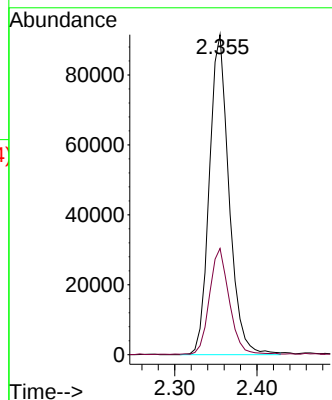
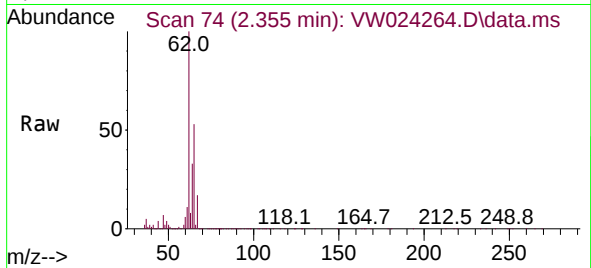




#5
 Vinyl chloride
 Concen: 24.118 ug/L
 RT: 2.355 min Scan# 74
 Delta R.T. 0.006 min
 Lab File: VW024264.D
 Acq: 17 Aug 2022 09:53

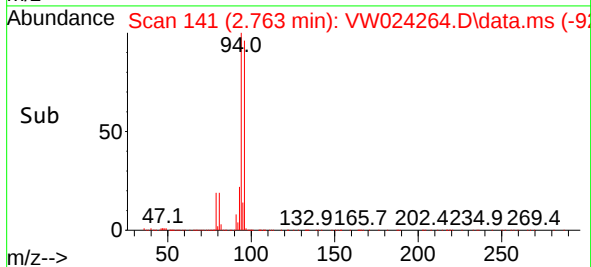
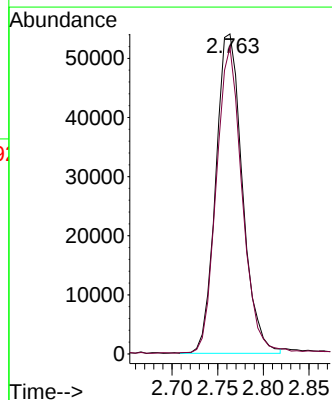
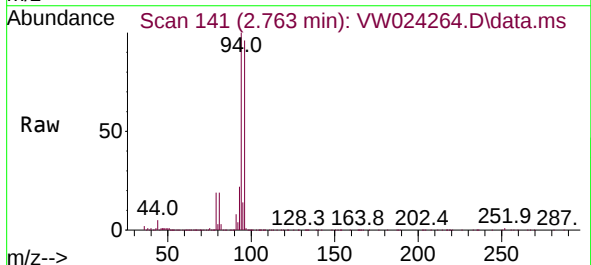
Instrument :
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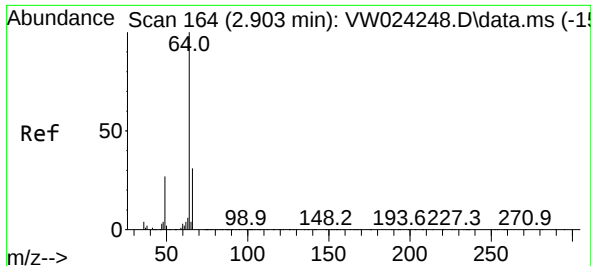
Tgt Ion: 62 Resp: 151990
 Ion Ratio Lower Upper
 62 100
 64 33.2 22.7 42.3



#6
 Bromomethane
 Concen: 30.395 ug/L
 RT: 2.763 min Scan# 141
 Delta R.T. 0.000 min
 Lab File: VW024264.D
 Acq: 17 Aug 2022 09:53

Tgt Ion: 94 Resp: 109828
 Ion Ratio Lower Upper
 94 100
 96 95.9 61.0 113.4

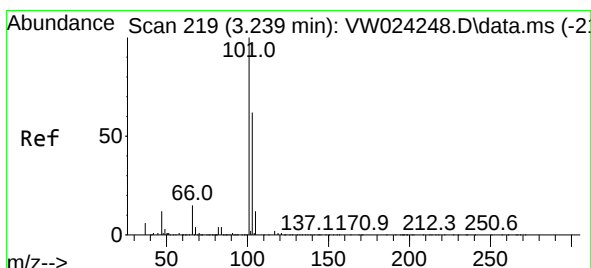
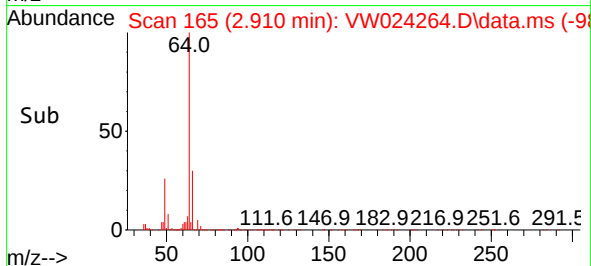
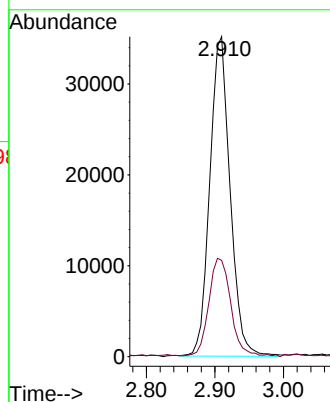
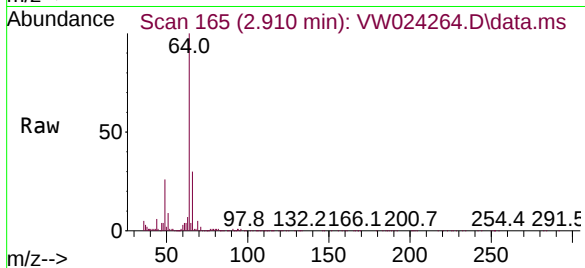




#8
Chloroethane
Concen: 26.243 ug/L
RT: 2.910 min Scan# 165
Delta R.T. 0.006 min
Lab File: VW024264.D
Acq: 17 Aug 2022 09:53

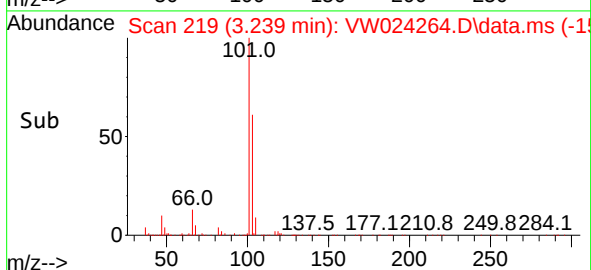
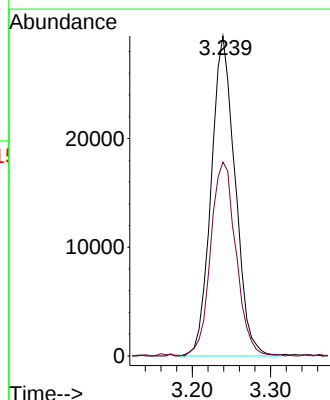
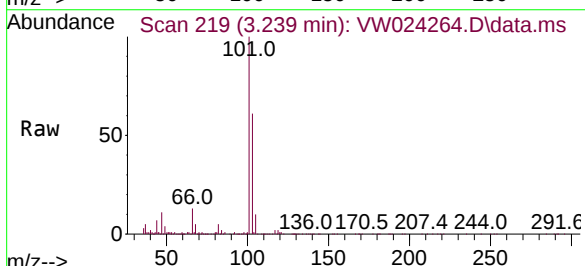
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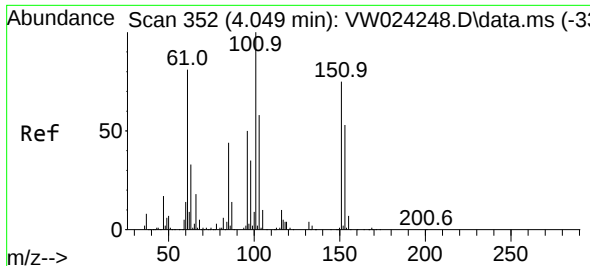
Tgt Ion: 64 Resp: 72445
Ion Ratio Lower Upper
64 100
66 30.1 21.6 40.0



#9
Trichlorofluoromethane
Concen: 20.933 ug/L
RT: 3.239 min Scan# 219
Delta R.T. 0.000 min
Lab File: VW024264.D
Acq: 17 Aug 2022 09:53

Tgt Ion: 101 Resp: 62534
Ion Ratio Lower Upper
101 100
103 63.8 50.5 75.7

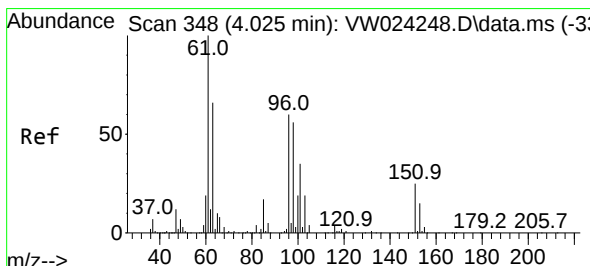
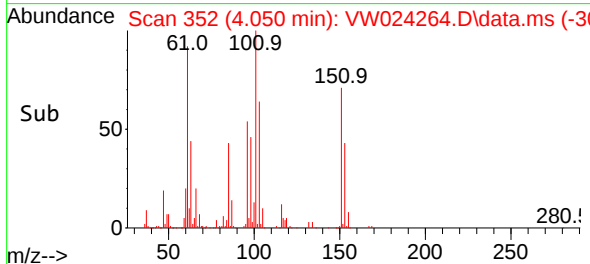
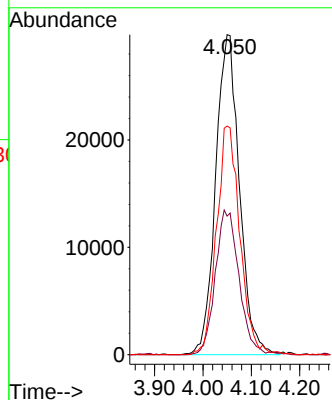
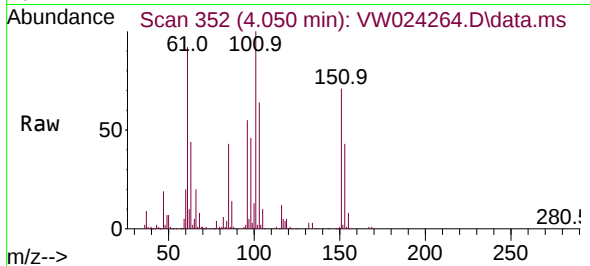




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 25.241 ug/L
 RT: 4.050 min Scan# 352
 Delta R.T. 0.000 min
 Lab File: VW024264.D
 Acq: 17 Aug 2022 09:53

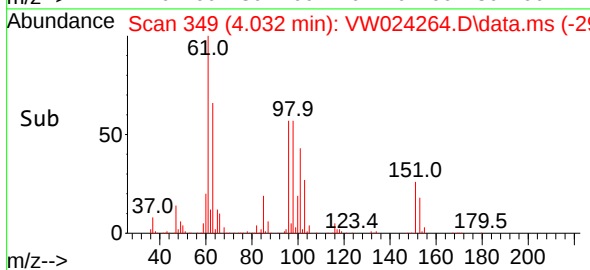
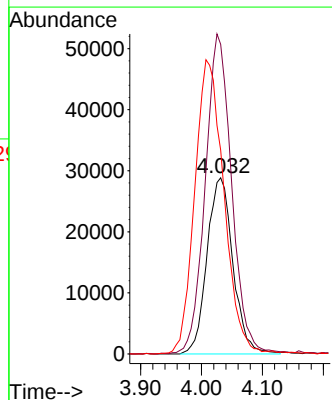
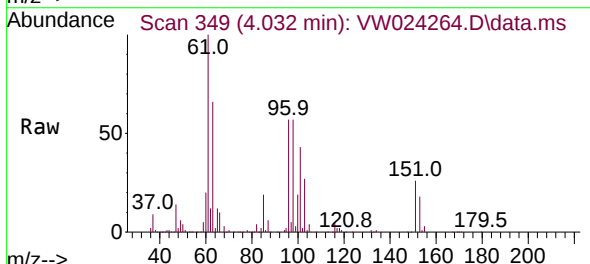
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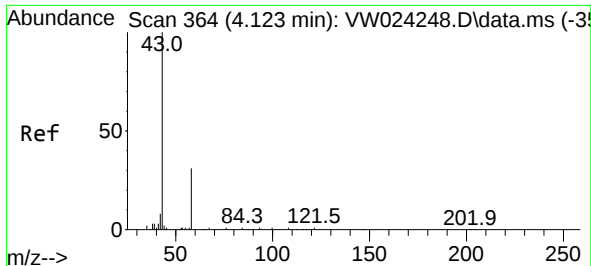
Tgt Ion:101 Resp: 101697
 Ion Ratio Lower Upper
 101 100
 85 44.8 34.9 52.3
 151 69.2 57.0 85.6



#12
 1,1-Dichloroethene
 Concen: 25.874 ug/L
 RT: 4.032 min Scan# 349
 Delta R.T. 0.006 min
 Lab File: VW024264.D
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Tgt Ion: 96 Resp: 85345
 Ion Ratio Lower Upper
 96 100
 61 175.8 123.1 228.5
 63 115.7 84.9 157.7

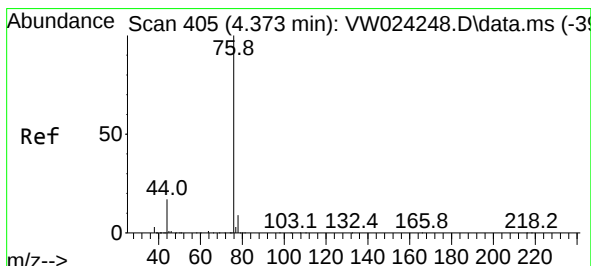
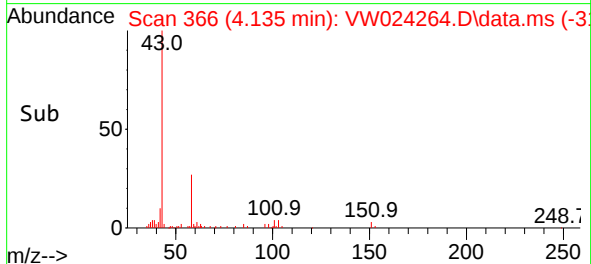
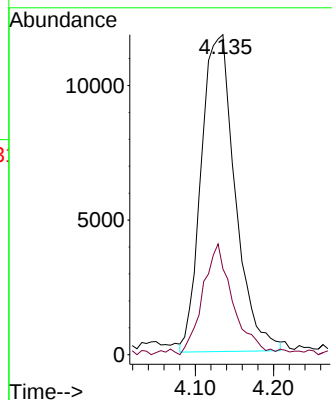
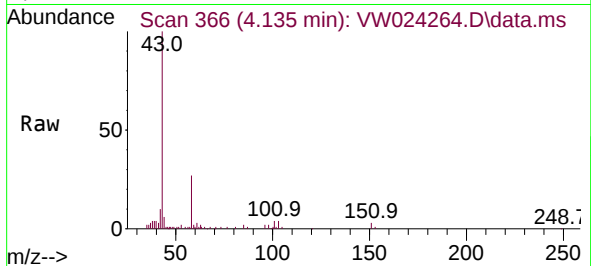




#13
Acetone
Concen: 45.215 ug/L
RT: 4.135 min Scan# 366
Delta R.T. 0.013 min
Lab File: VW024264.D
Acq: 17 Aug 2022 09:53

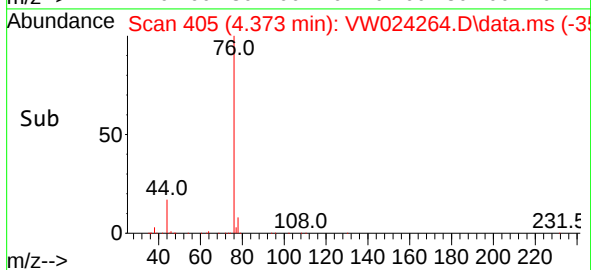
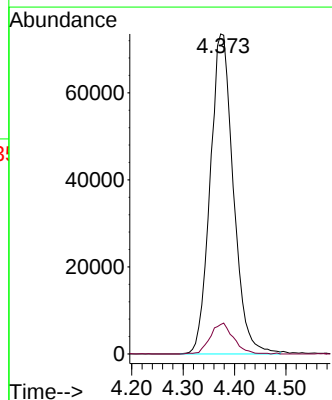
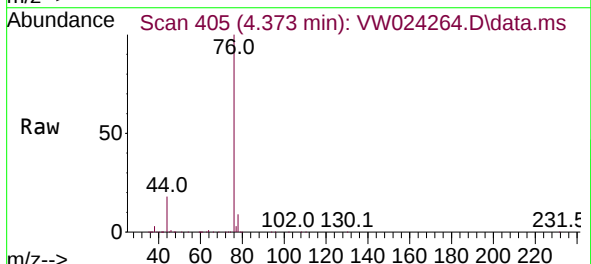
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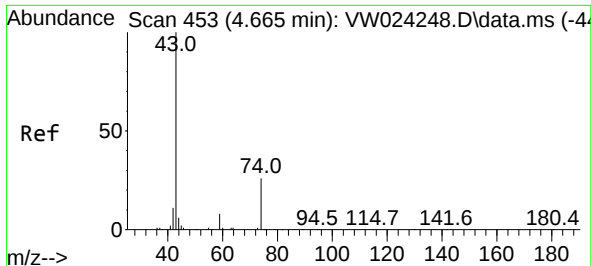
Tgt Ion: 43 Resp: 35519
Ion Ratio Lower Upper
43 100
58 31.1 0.0 31.8



#14
Carbon disulfide
Concen: 21.849 ug/L
RT: 4.373 min Scan# 405
Delta R.T. 0.000 min
Lab File: VW024264.D
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Tgt Ion: 76 Resp: 230619
Ion Ratio Lower Upper
76 100
78 9.2 7.9 11.9

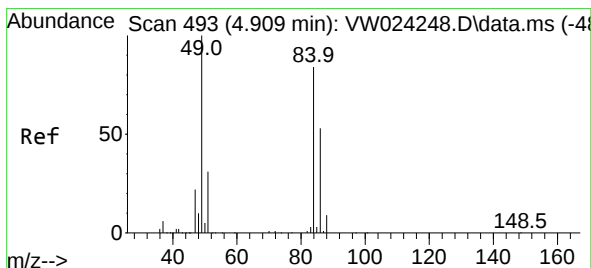
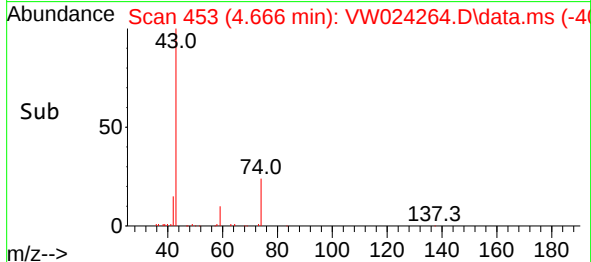
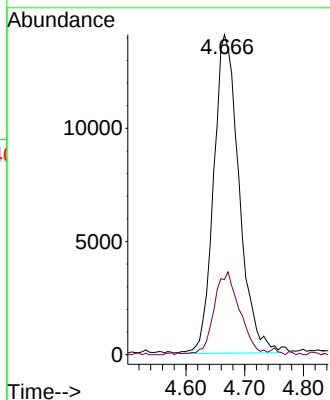
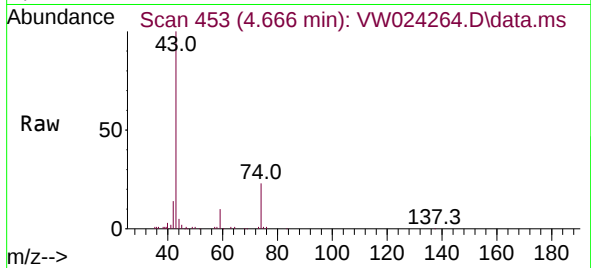




#15
Methyl Acetate
Concen: 23.901 ug/L
RT: 4.666 min Scan# 41
Delta R.T. 0.000 min
Lab File: VW024264.D
Acq: 17 Aug 2022 09:53

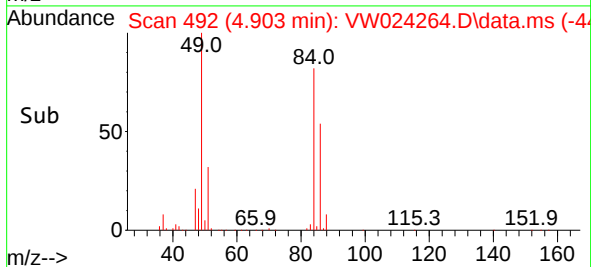
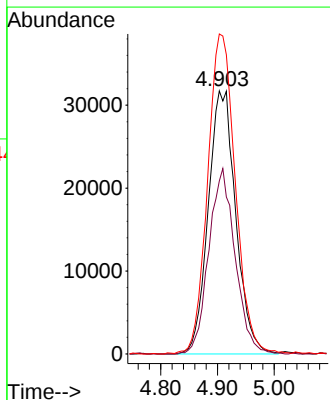
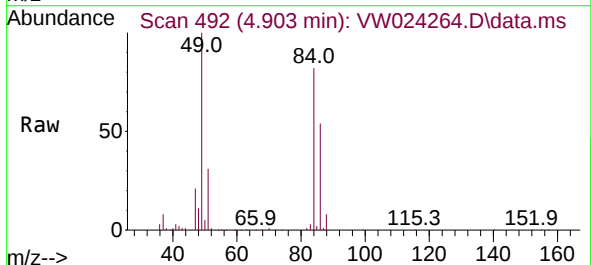
Instrument :
MSVOA_W
ClientSampleId :
VSTD025538

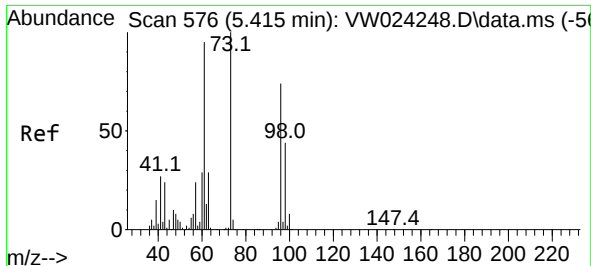
Tgt Ion: 43 Resp: 42290
Ion Ratio Lower Upper
43 100
74 26.2 21.5 32.3



#16
Methylene chloride
Concen: 22.147 ug/L
RT: 4.903 min Scan# 492
Delta R.T. -0.006 min
Lab File: VW024264.D
Acq: 17 Aug 2022 09:53

Tgt Ion: 84 Resp: 107157
Ion Ratio Lower Upper
84 100
86 65.8 42.8 79.6
49 121.7 85.3 158.3





#17

trans-1,2-Dichloroethene

Concen: 26.560 ug/L

RT: 5.415 min Scan# 511

Delta R.T. 0.000 min

Lab File: VW024264.D

Acq: 17 Aug 2022 09:53

Instrument :

MSVOA_W

ClientSampleId :

VSTD025538

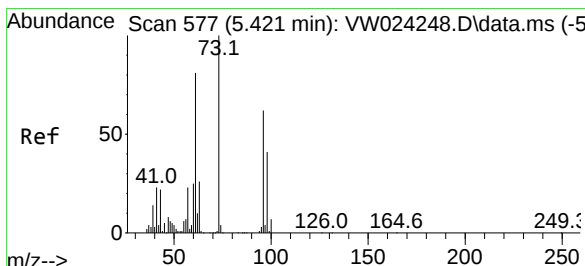
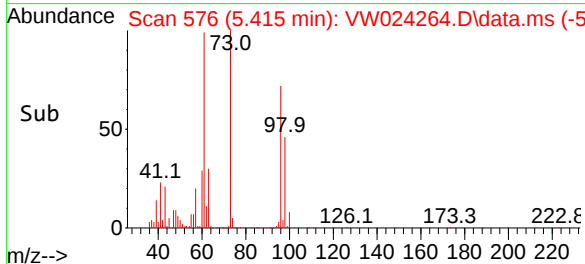
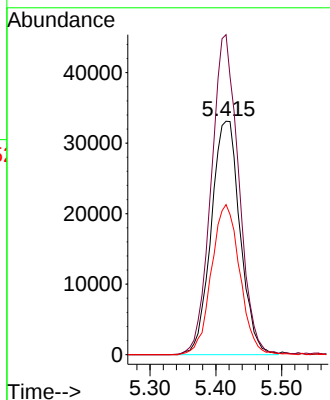
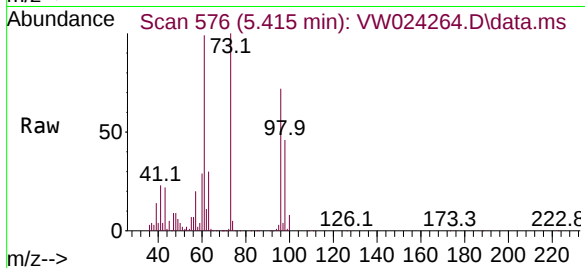
Tgt Ion: 96 Resp: 101173

Ion Ratio Lower Upper

96 100

61 137.1 93.0 172.8

98 64.3 48.5 90.1



#18

Methyl tert-butyl Ether

Concen: 31.188 ug/L

RT: 5.422 min Scan# 577

Delta R.T. 0.000 min

Lab File: VW024264.D

Acq: 17 Aug 2022 09:53

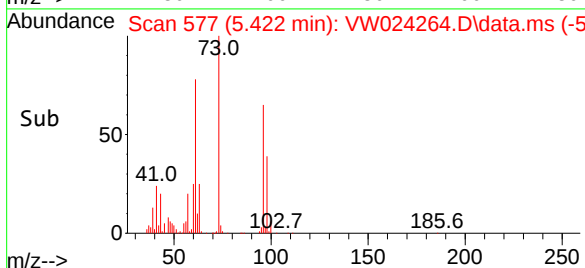
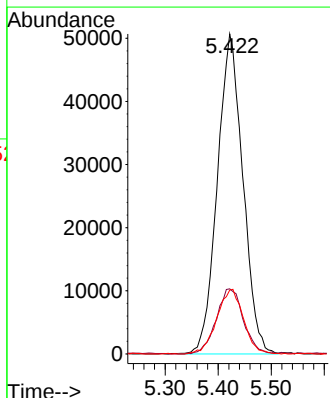
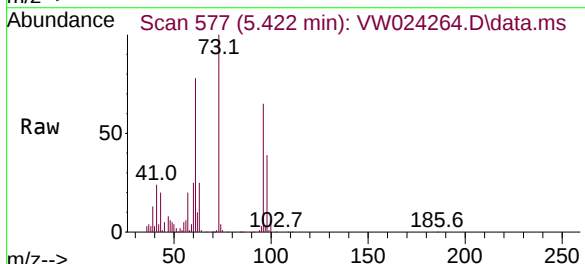
Tgt Ion: 73 Resp: 169409

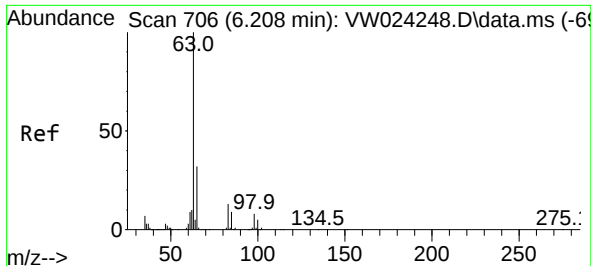
Ion Ratio Lower Upper

73 100

43 21.6 16.6 24.8

57 21.1 17.6 26.4





#19

1,1-Dichloroethane

Concen: 27.497 ug/L

RT: 6.208 min Scan# 706

Delta R.T. 0.000 min

Lab File: VW024264.D

Acq: 17 Aug 2022 09:53

Instrument :

MSVOA_W

ClientSampleId :

VSTD025538

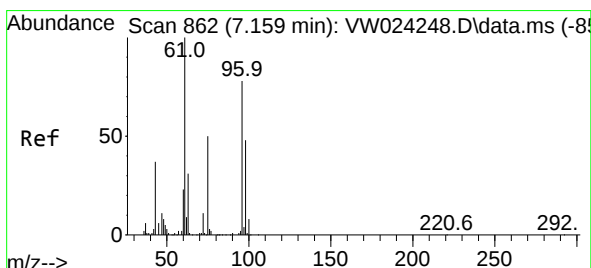
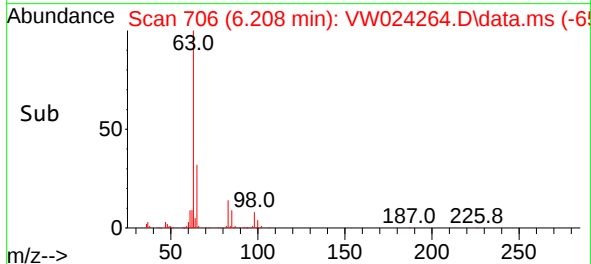
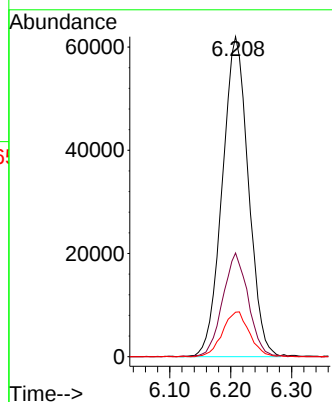
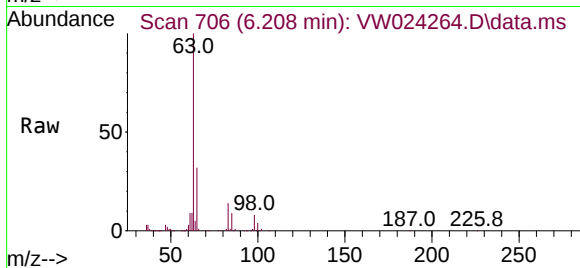
Tgt Ion: 63 Resp: 184506

Ion Ratio Lower Upper

63 100

65 32.4 22.0 41.0

83 13.9 9.2 17.0



#20

cis-1,2-Dichloroethene

Concen: 26.825 ug/L

RT: 7.165 min Scan# 863

Delta R.T. 0.006 min

Lab File: VW024264.D

Acq: 17 Aug 2022 09:53

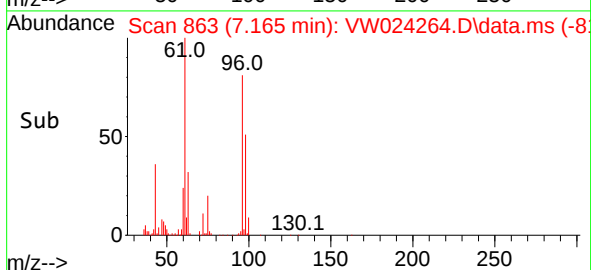
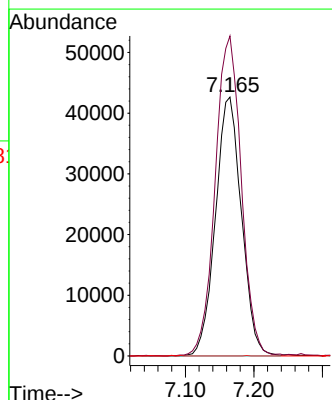
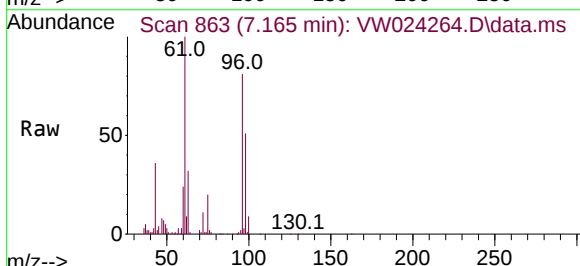
Tgt Ion: 96 Resp: 112220

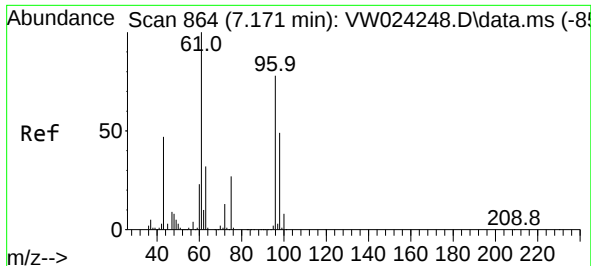
Ion Ratio Lower Upper

96 100

61 123.6 89.5 166.3

68 0.0 0.1 0.1#

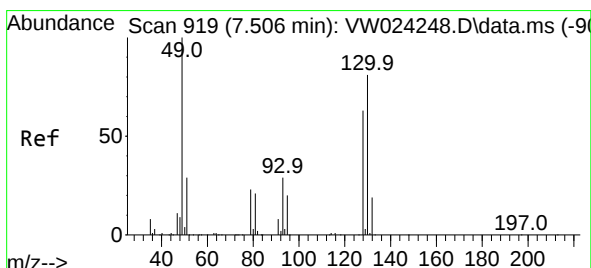
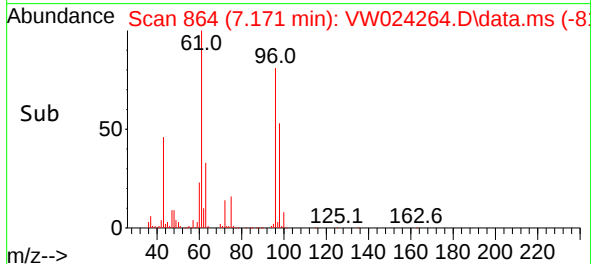
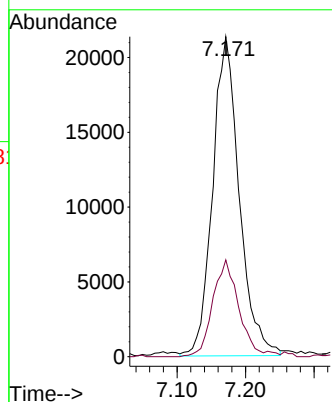
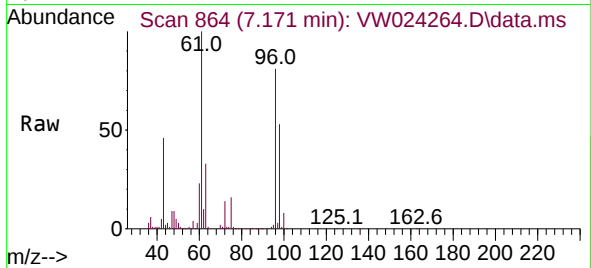




#22
2-Butanone
Concen: 43.460 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW024264.D
Acq: 17 Aug 2022 09:53

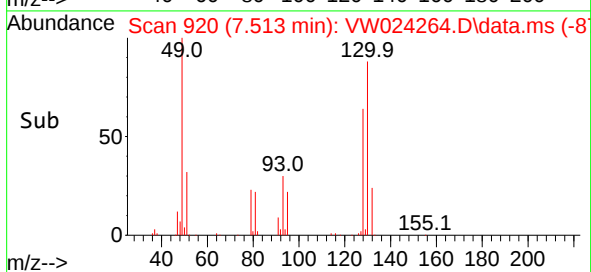
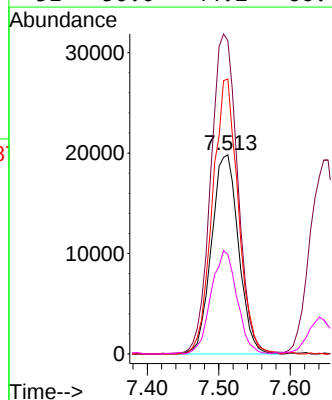
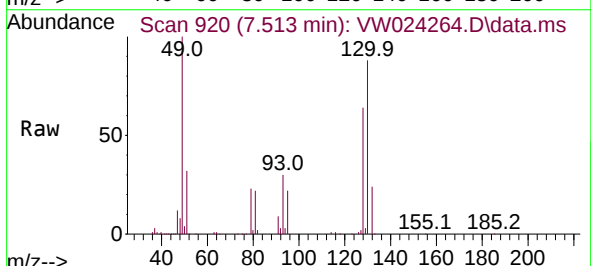
Instrument :
MSVOA_W
ClientSampleId :
VSTD025538

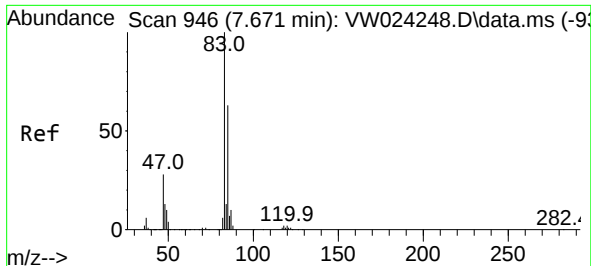
Tgt Ion: 43 Resp: 57529
Ion Ratio Lower Upper
43 100
72 29.2 14.3 42.9



#23
Bromochloromethane
Concen: 24.912 ug/L
RT: 7.513 min Scan# 920
Delta R.T. 0.006 min
Lab File: VW024264.D
Acq: 17 Aug 2022 09:53

Tgt Ion: 128 Resp: 51901
Ion Ratio Lower Upper
128 100
49 157.3 106.6 198.0
130 138.1 88.1 163.5
51 50.0 44.2 66.4

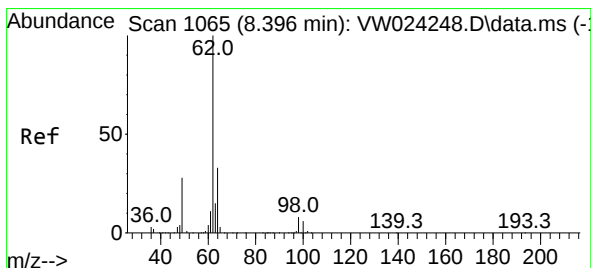
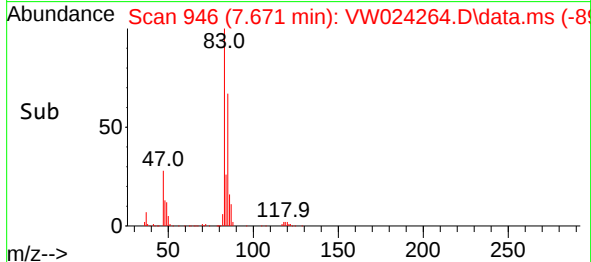
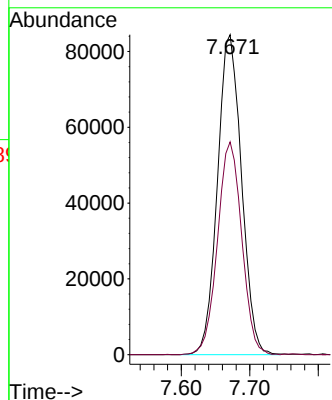
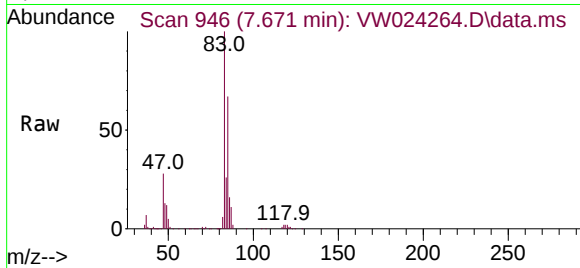




#25
Chloroform
Concen: 27.794 ug/L
RT: 7.671 min Scan# 946
Delta R.T. 0.000 min
Lab File: VW024264.D
Acq: 17 Aug 2022 09:53

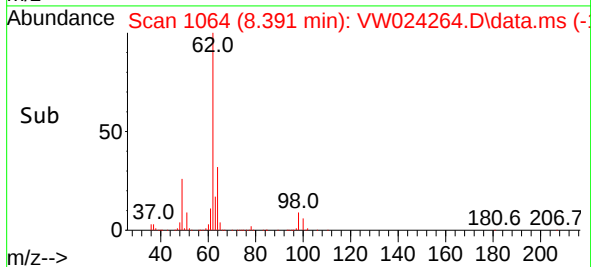
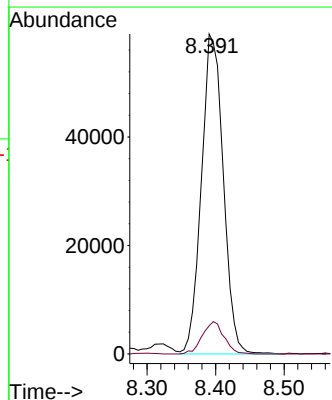
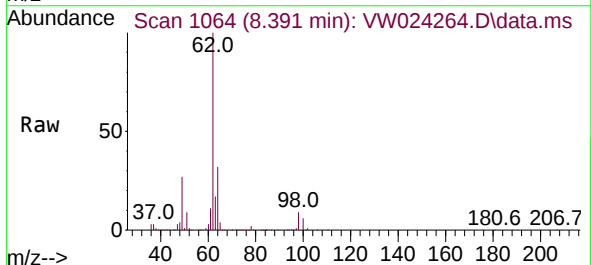
Instrument :
MSVOA_W
ClientSampleId :
VSTD025538

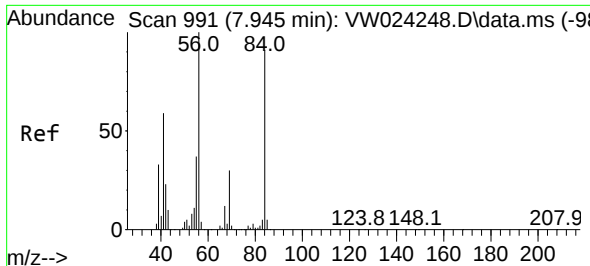
Tgt Ion: 83 Resp: 205512
Ion Ratio Lower Upper
83 100
85 66.5 42.9 79.7



#27
1,2-Dichloroethane
Concen: 26.329 ug/L
RT: 8.391 min Scan# 1064
Delta R.T. -0.006 min
Lab File: VW024264.D
Acq: 17 Aug 2022 09:53

Tgt Ion: 62 Resp: 130998
Ion Ratio Lower Upper
62 100
98 8.8 7.4 11.0

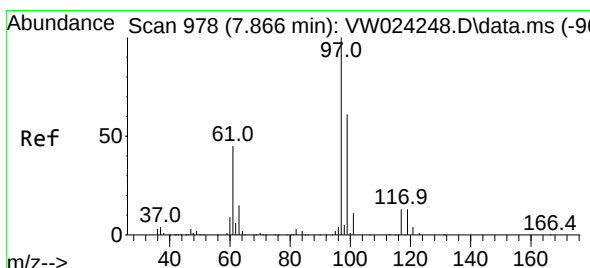
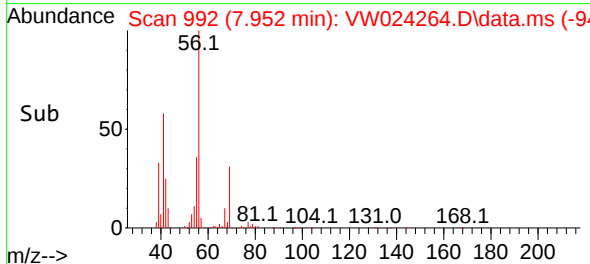
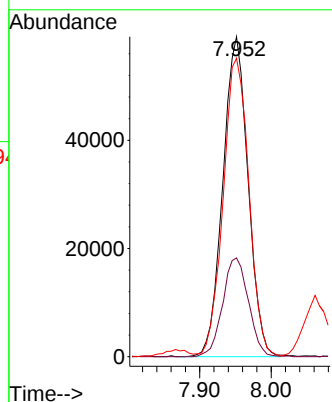
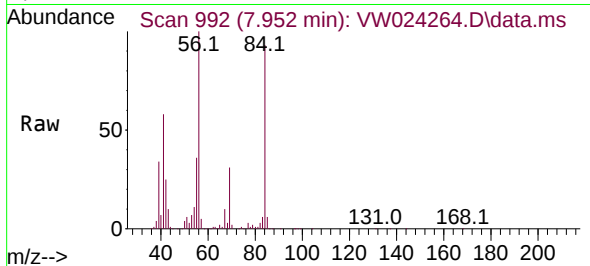




#29
Cyclohexane
Concen: 26.533 ug/L
RT: 7.952 min Scan# 991
Delta R.T. 0.006 min
Lab File: VW024264.D
Acq: 17 Aug 2022 09:53

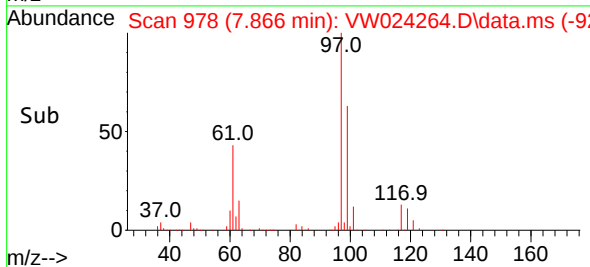
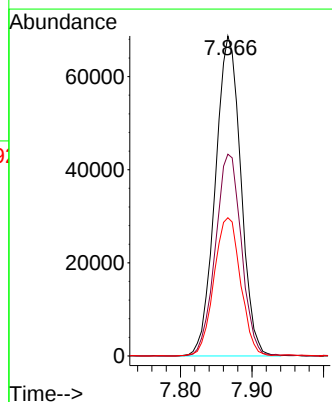
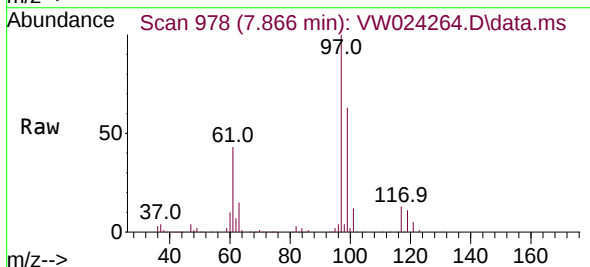
Instrument :
MSVOA_W
ClientSampleId :
VSTD025538

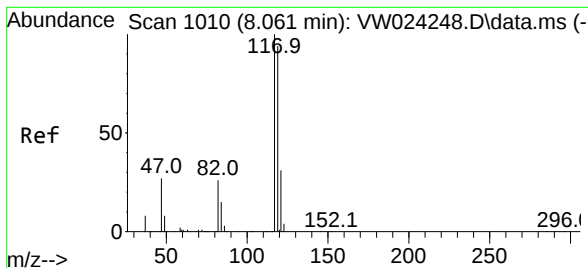
Tgt Ion: 56 Resp: 144656
Ion Ratio Lower Upper
56 100
69 31.5 24.5 36.7
84 95.3 75.5 113.3



#30
1,1,1-Trichloroethane
Concen: 28.427 ug/L
RT: 7.866 min Scan# 978
Delta R.T. 0.000 min
Lab File: VW024264.D
Acq: 17 Aug 2022 09:53

Tgt Ion: 97 Resp: 170478
Ion Ratio Lower Upper
97 100
99 64.2 51.0 76.6
61 45.0 36.2 54.2

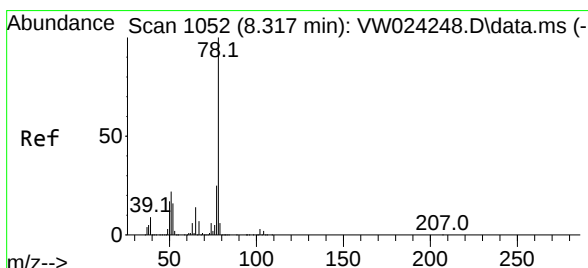
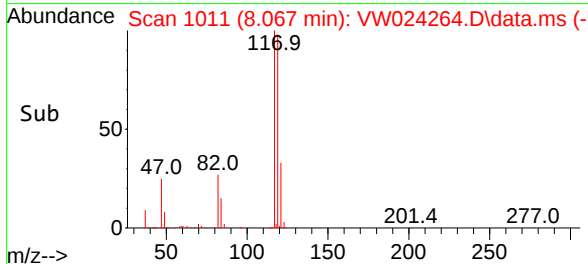
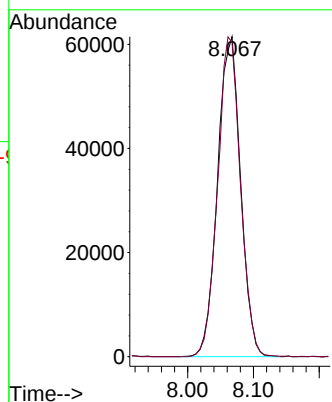
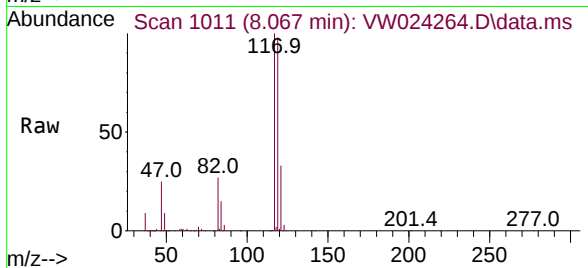




#31
Carbon tetrachloride
Concen: 26.504 ug/L
RT: 8.067 min Scan# 1010
Delta R.T. 0.006 min
Lab File: VW024264.D
Acq: 17 Aug 2022 09:53

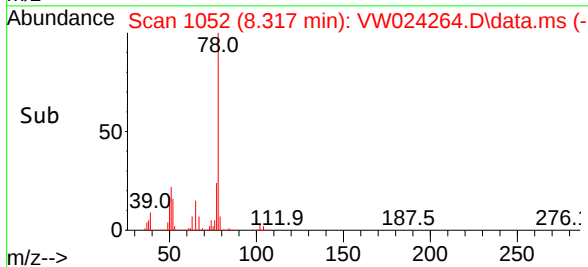
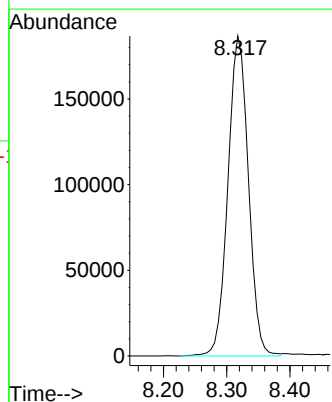
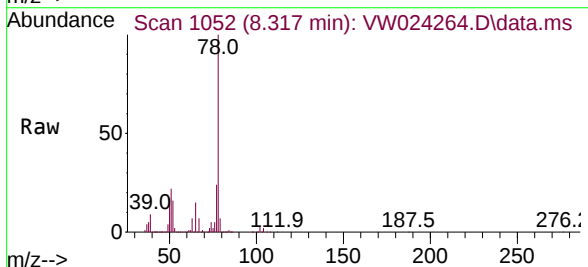
Instrument :
MSVOA_W
ClientSampleId :
VSTD025538

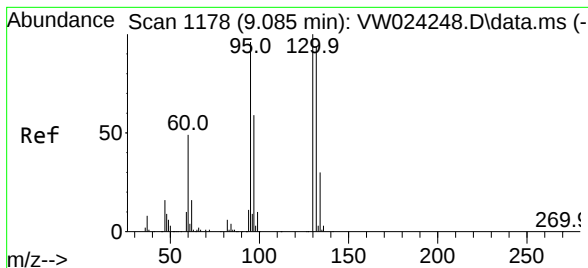
Tgt Ion:117 Resp: 149951
Ion Ratio Lower Upper
117 100
119 99.0 77.8 116.8



#33
Benzene
Concen: 26.789 ug/L
RT: 8.317 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VW024264.D
Acq: 17 Aug 2022 09:53

Tgt Ion: 78 Resp: 420755





#34

Trichloroethene

Concen: 26.960 ug/L

RT: 9.086 min Scan# 1178

Delta R.T. 0.000 min

Lab File: VW024264.D

Acq: 17 Aug 2022 09:53

Instrument :

MSVOA_W

ClientSampleId :

VSTD025538

Tgt Ion: 95 Resp: 111923

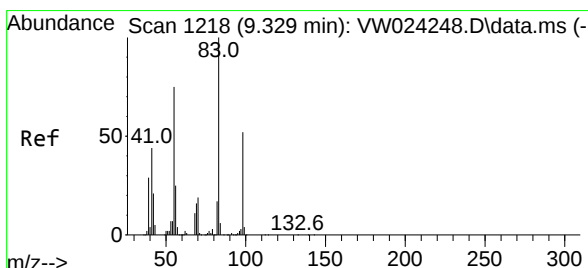
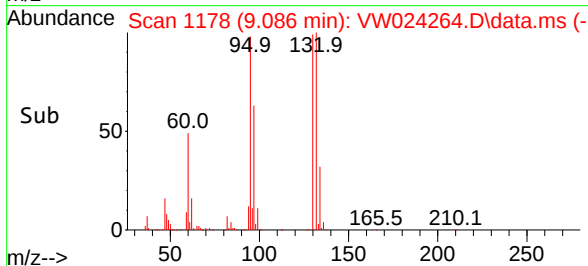
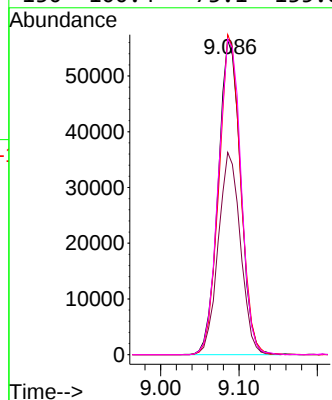
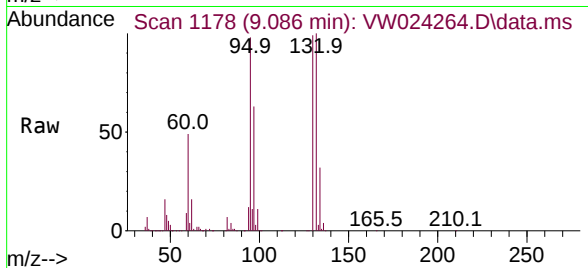
Ion Ratio Lower Upper

95 100

97 64.3 41.6 77.2

132 101.8 67.0 124.4

130 100.4 73.1 135.8



#35

Methylcyclohexane

Concen: 26.984 ug/L

RT: 9.329 min Scan# 1218

Delta R.T. 0.000 min

Lab File: VW024264.D

Acq: 17 Aug 2022 09:53

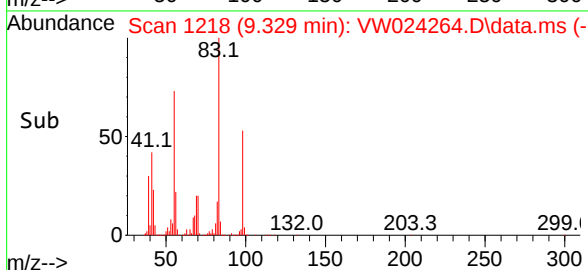
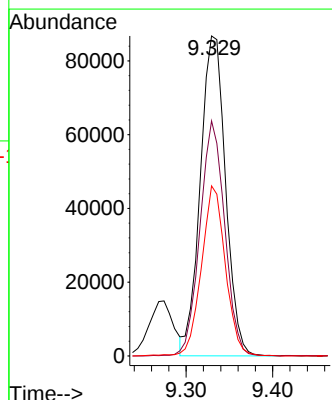
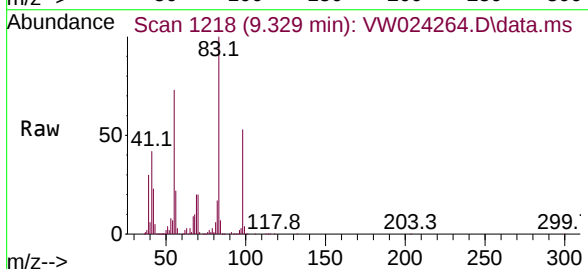
Tgt Ion: 83 Resp: 175668

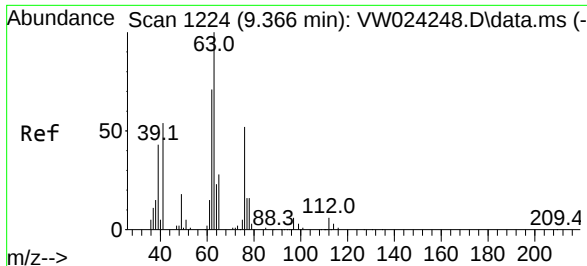
Ion Ratio Lower Upper

83 100

55 72.0 59.1 88.7

98 50.3 40.8 61.2





#37

1,2-Dichloropropane

Concen: 27.230 ug/L

RT: 9.366 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW024264.D

Acq: 17 Aug 2022 09:53

Instrument :

MSVOA_W

ClientSampleId :

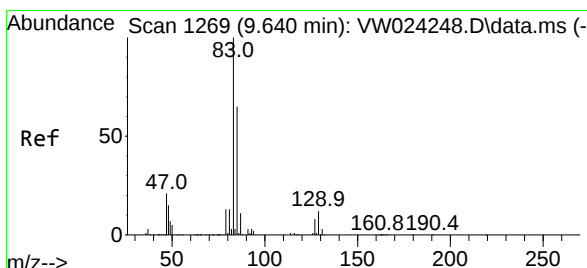
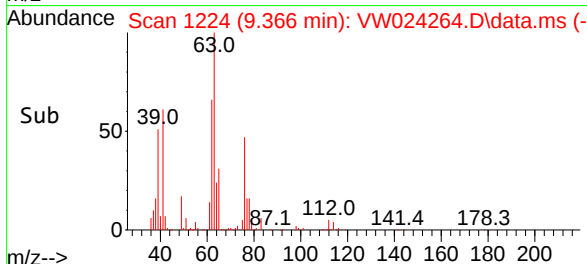
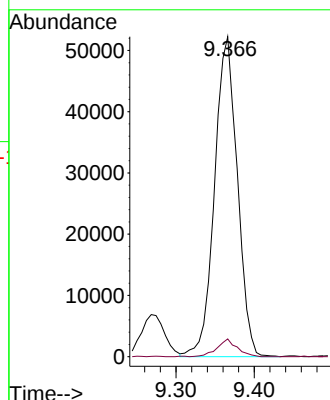
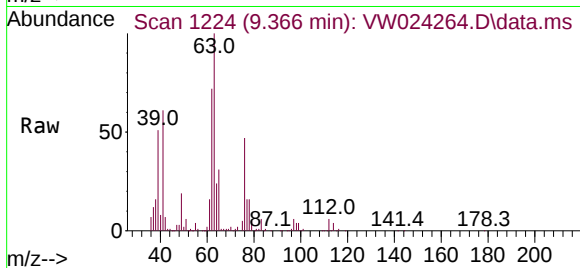
VSTD025538

Tgt Ion: 63 Resp: 105724

Ion Ratio Lower Upper

63 100

112 4.9 3.8 5.6



#38

Bromodichloromethane

Concen: 27.493 ug/L

RT: 9.640 min Scan# 1269

Delta R.T. 0.000 min

Lab File: VW024264.D

Acq: 17 Aug 2022 09:53

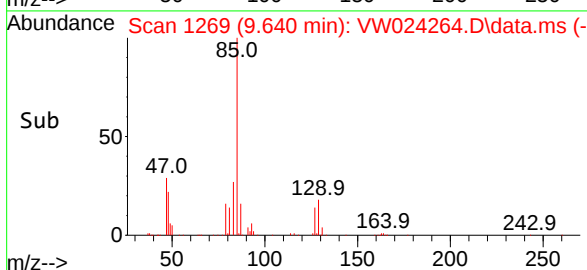
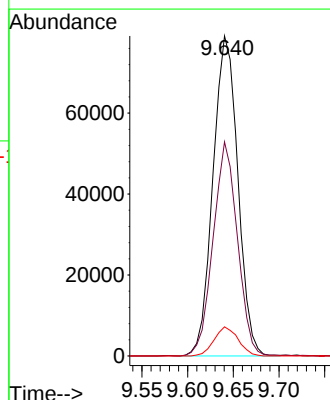
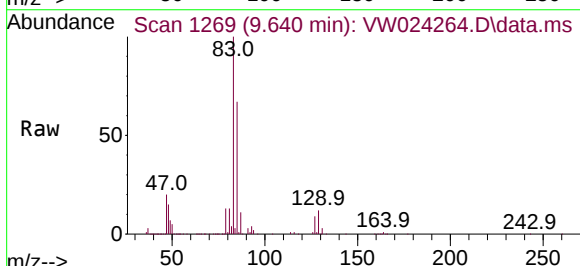
Tgt Ion: 83 Resp: 149714

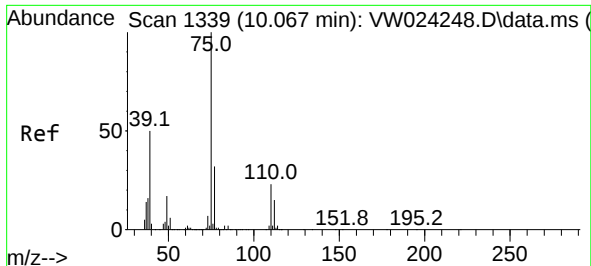
Ion Ratio Lower Upper

83 100

85 66.9 43.7 81.1

127 9.1 6.9 10.3

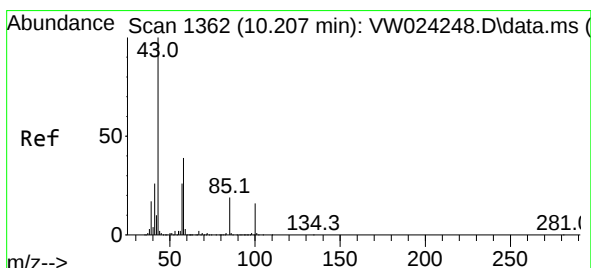
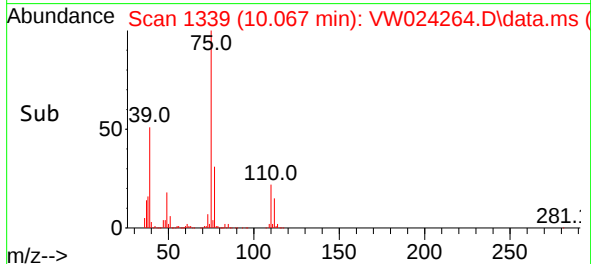
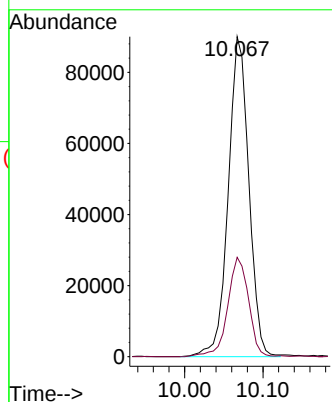
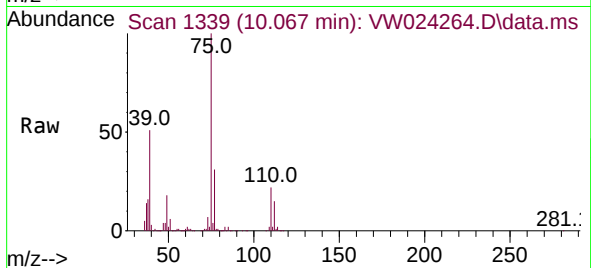




#39
 cis-1,3-Dichloropropene
 Concen: 28.778 ug/L
 RT: 10.067 min Scan# 1339
 Delta R.T. 0.000 min
 Lab File: VW024264.D
 Acq: 17 Aug 2022 09:53

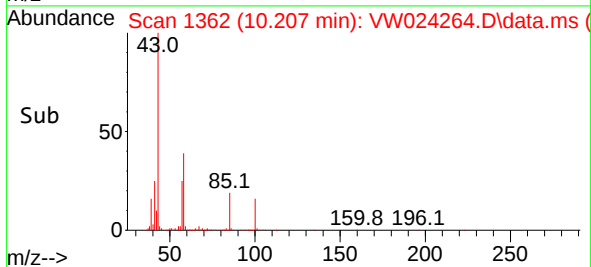
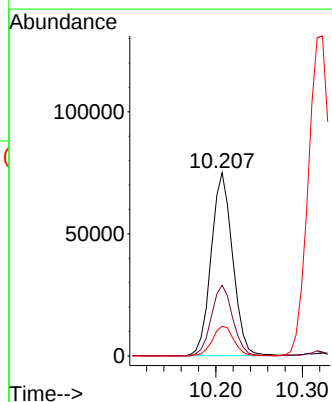
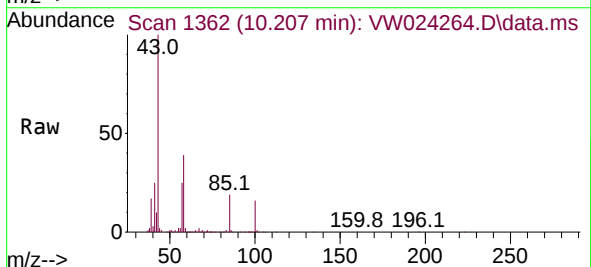
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025538

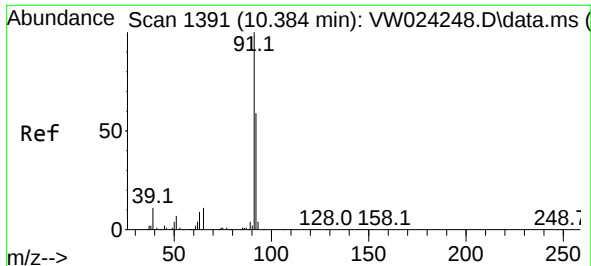
Tgt Ion: 75 Resp: 164381
 Ion Ratio Lower Upper
 75 100
 77 31.1 23.4 43.6



#40
 4-Methyl-2-pentanone
 Concen: 50.065 ug/L
 RT: 10.207 min Scan# 1362
 Delta R.T. 0.000 min
 Lab File: VW024264.D
 Acq: 17 Aug 2022 09:53

Tgt Ion: 43 Resp: 129005
 Ion Ratio Lower Upper
 43 100
 58 38.8 30.5 45.7
 100 16.5 13.8 20.6

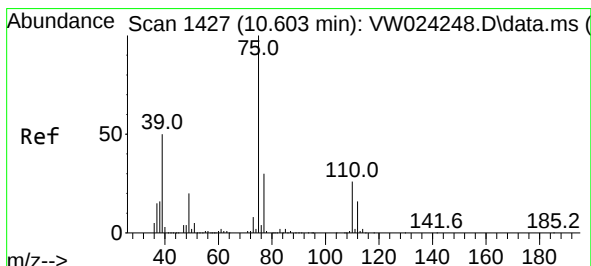
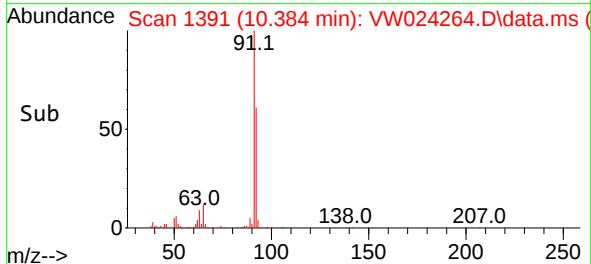
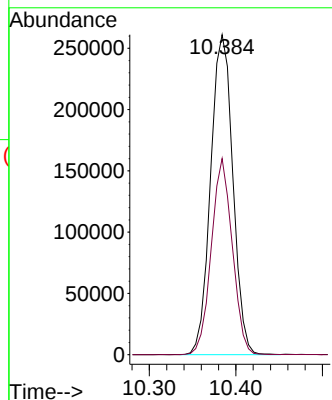
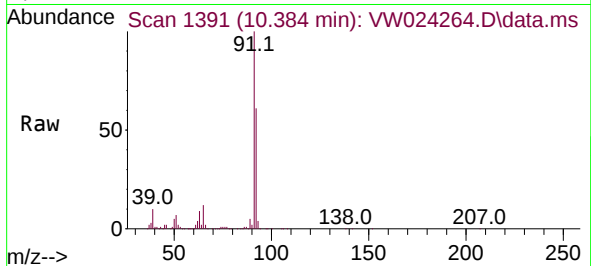




#42
Toluene
Concen: 27.873 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VW024264.D
Acq: 17 Aug 2022 09:53

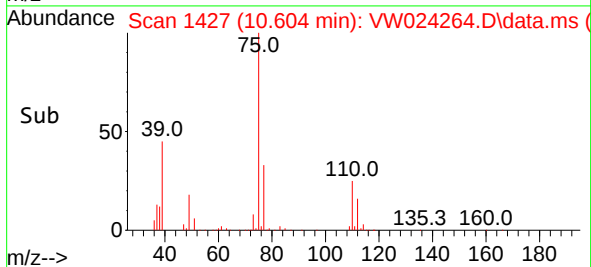
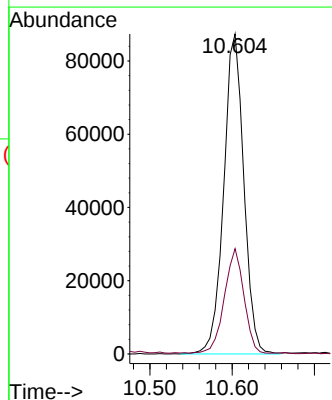
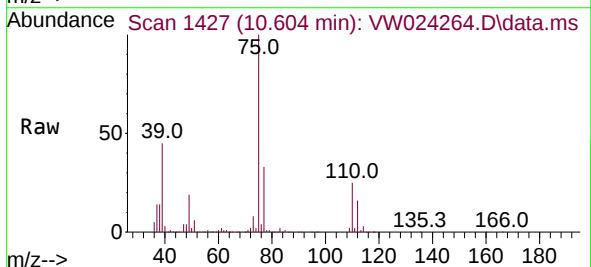
Instrument :
MSVOA_W
ClientSampleId :
VSTD025538

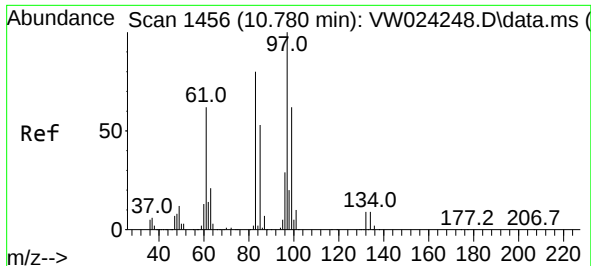
Tgt Ion: 91 Resp: 465209
Ion Ratio Lower Upper
91 100
92 61.3 41.4 77.0



#44
trans-1,3-Dichloropropene
Concen: 28.494 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW024264.D
Acq: 17 Aug 2022 09:53

Tgt Ion: 75 Resp: 148716
Ion Ratio Lower Upper
75 100
77 32.9 22.4 41.6

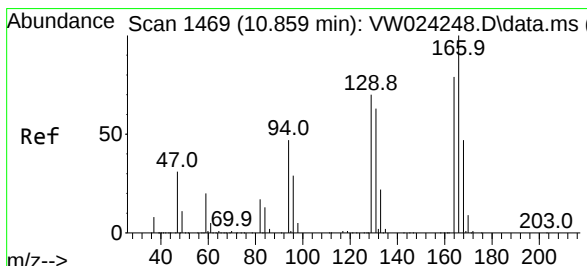
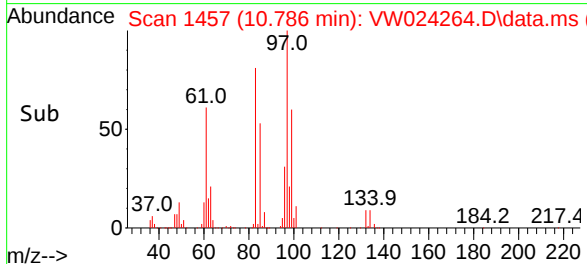
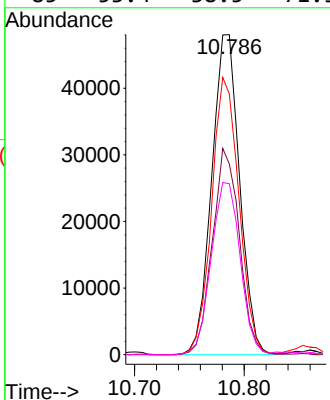
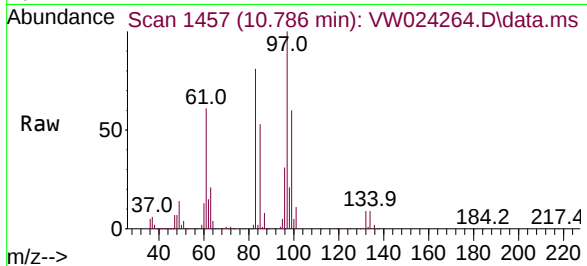




#45
1,1,2-Trichloroethane
Concen: 26.029 ug/L
RT: 10.786 min Scan# 1456
Delta R.T. 0.006 min
Lab File: VW024264.D
Acq: 17 Aug 2022 09:53

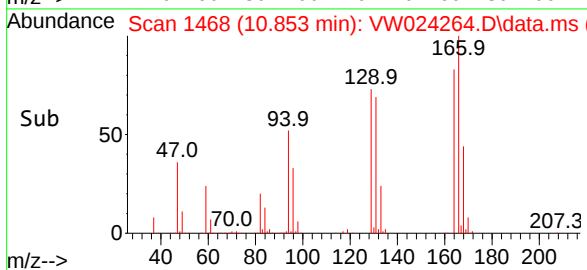
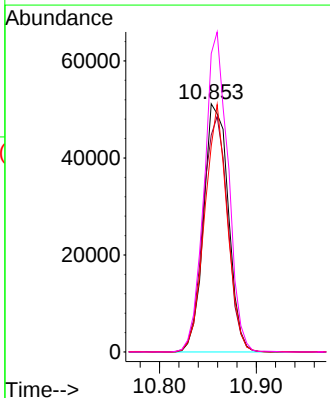
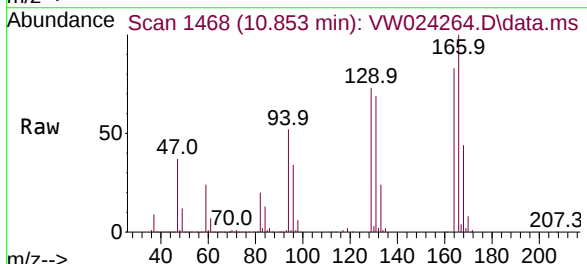
Instrument :
MSVOA_W
ClientSampleId :
VSTD025538

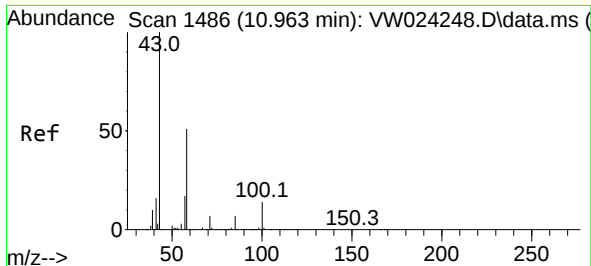
Tgt Ion: 97 Resp: 85178
Ion Ratio Lower Upper
97 100
99 59.6 43.8 81.3
83 81.5 56.4 104.7
85 53.4 38.5 71.5



#46
Tetrachloroethene
Concen: 26.954 ug/L
RT: 10.853 min Scan# 1468
Delta R.T. -0.006 min
Lab File: VW024264.D
Acq: 17 Aug 2022 09:53

Tgt Ion:164 Resp: 90591
Ion Ratio Lower Upper
164 100
129 87.4 63.1 117.3
131 83.0 63.9 118.7
166 120.2 86.8 161.2

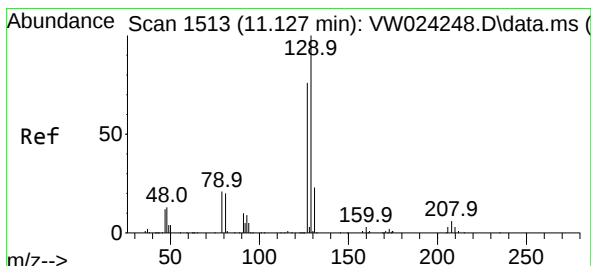
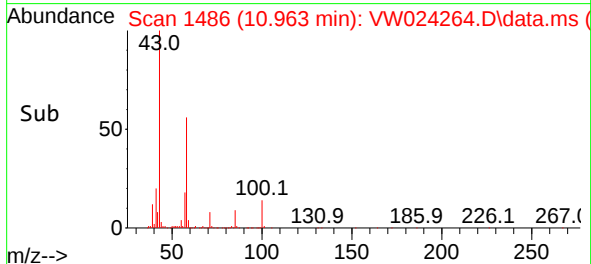
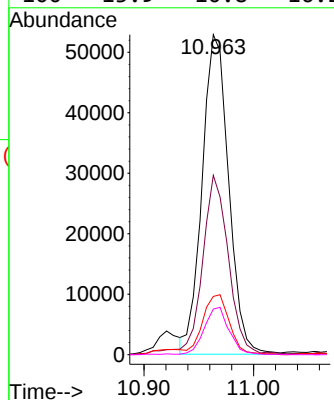
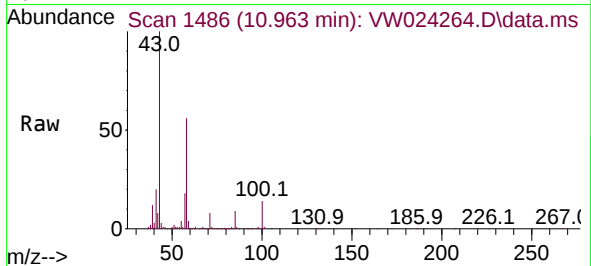




#48
2-Hexanone
Concen: 50.937 ug/L
RT: 10.963 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VW024264.D
Acq: 17 Aug 2022 09:53

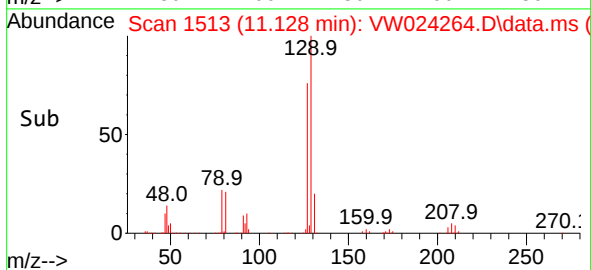
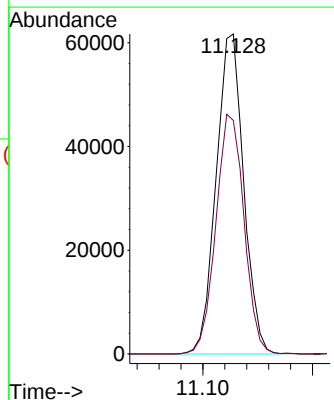
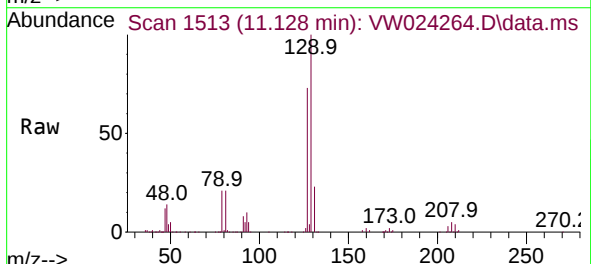
Instrument :
MSVOA_W
ClientSampleId :
VSTD025538

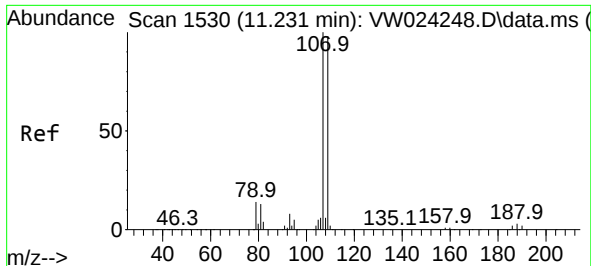
Tgt Ion:	43	Resp:	89074
Ion	Ratio	Lower	Upper
43	100		
58	52.4	43.4	65.0
57	18.8	15.0	22.4
100	13.9	10.8	16.2



#49
Dibromochloromethane
Concen: 27.310 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW024264.D
Acq: 17 Aug 2022 09:53

Tgt Ion:	129	Resp:	107591
Ion	Ratio	Lower	Upper
129	100		
127	73.0	52.3	97.1

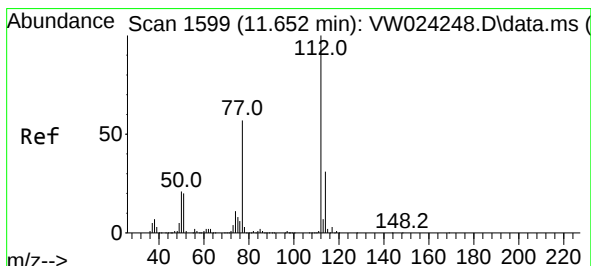
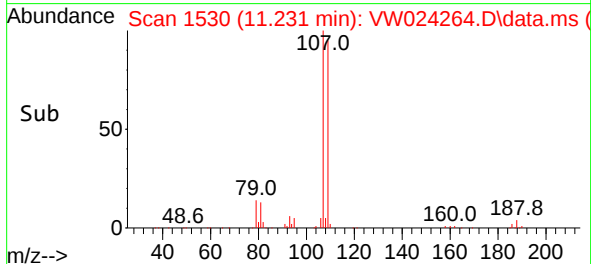
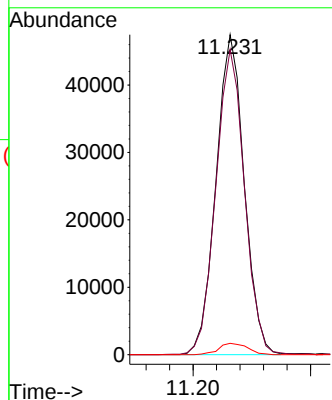
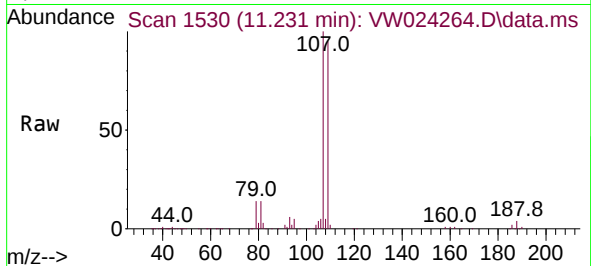




#50
1,2-Dibromoethane
Concen: 25.274 ug/L
RT: 11.231 min Scan# 1530
Delta R.T. 0.000 min
Lab File: VW024264.D
Acq: 17 Aug 2022 09:53

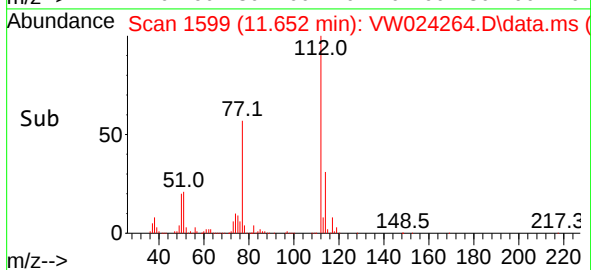
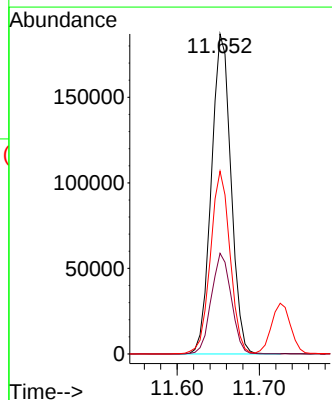
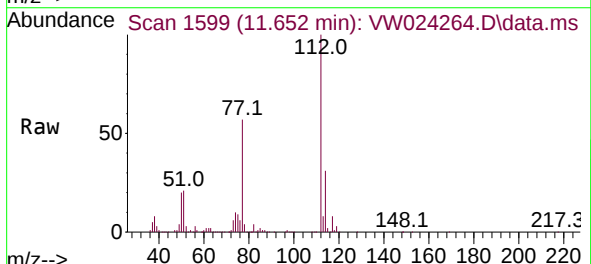
Instrument :
MSVOA_W
ClientSampleId :
VSTD025538

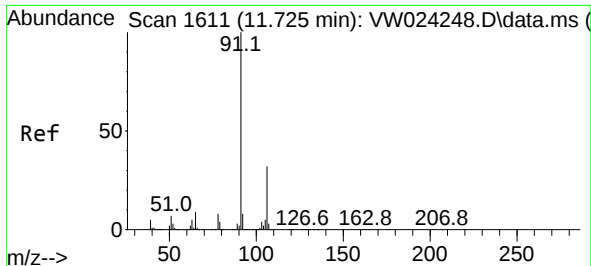
Tgt Ion:	107	Resp:	79243
Ion	Ratio	Lower	Upper
107	100		
109	95.3	64.0	119.0
188	3.5	3.1	4.7



#51
Chlorobenzene
Concen: 27.173 ug/L
RT: 11.652 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VW024264.D
Acq: 17 Aug 2022 09:53

Tgt Ion:	112	Resp:	309869
Ion	Ratio	Lower	Upper
112	100		
114	31.5	20.7	38.5
77	57.1	41.4	62.2

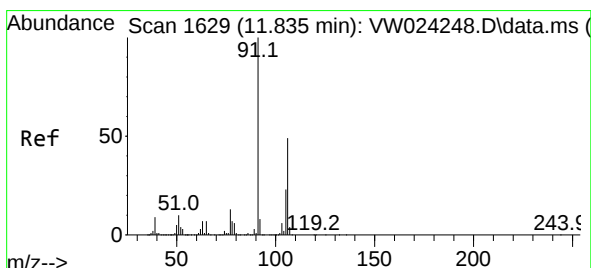
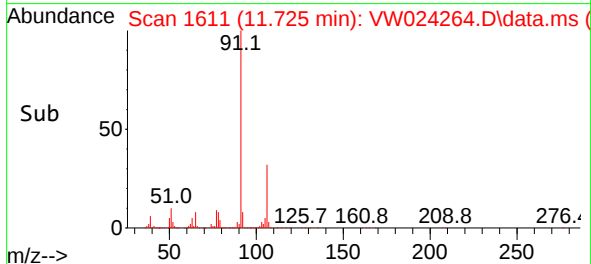
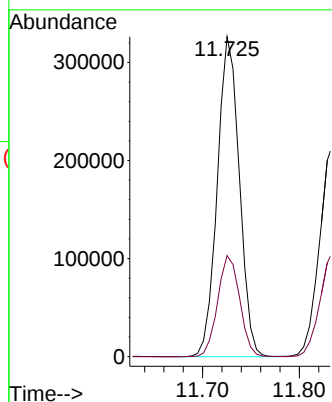
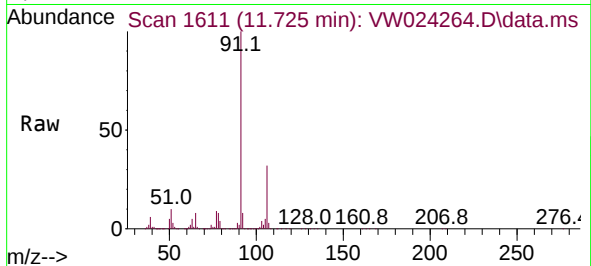




#52
Ethylbenzene
Concen: 28.195 ug/L
RT: 11.725 min Scan# 1611
Delta R.T. 0.000 min
Lab File: VW024264.D
Acq: 17 Aug 2022 09:53

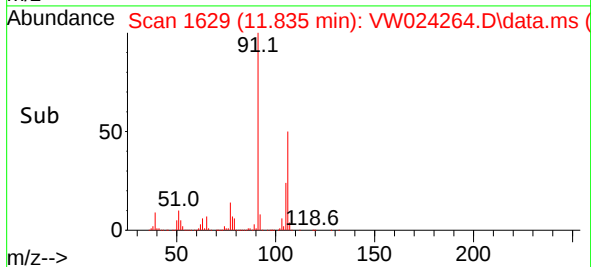
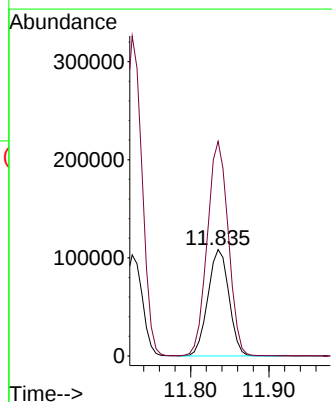
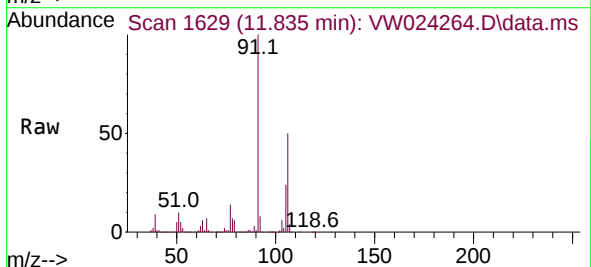
Instrument :
MSVOA_W
ClientSampleId :
VSTD025538

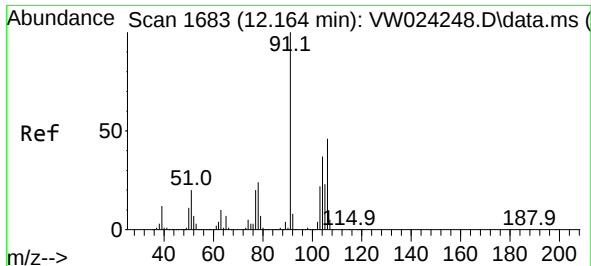
Tgt Ion: 91 Resp: 515591
Ion Ratio Lower Upper
91 100
106 31.6 21.9 40.7



#53
m,p-Xylene
Concen: 28.469 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW024264.D
Acq: 17 Aug 2022 09:53

Tgt Ion: 106 Resp: 202645
Ion Ratio Lower Upper
106 100
91 201.7 144.1 267.7

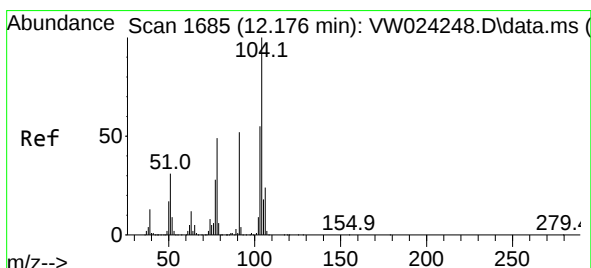
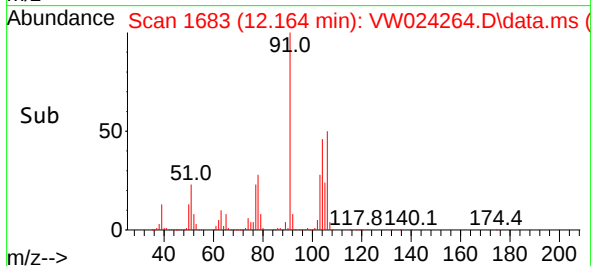
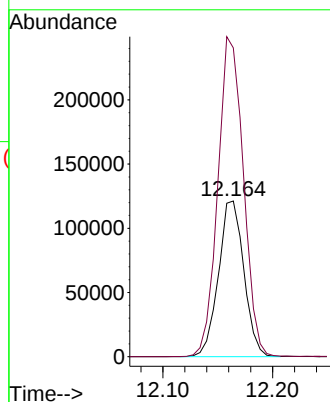
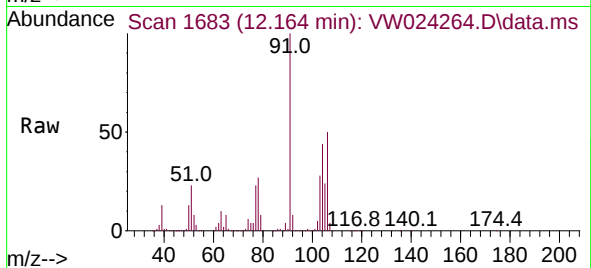




#54
o-Xylene
Concen: 29.038 ug/L
RT: 12.164 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW024264.D
Acq: 17 Aug 2022 09:53

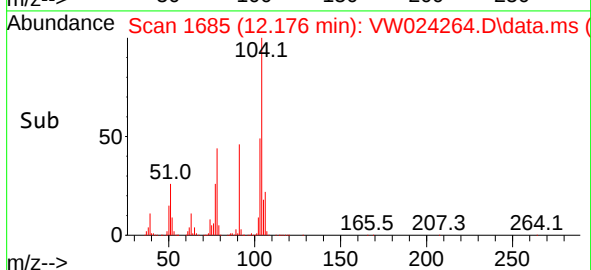
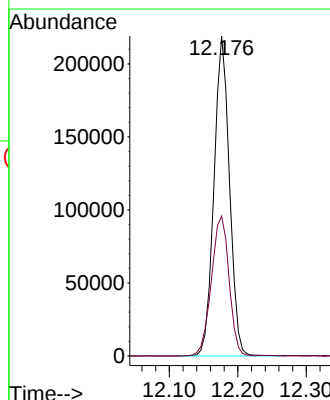
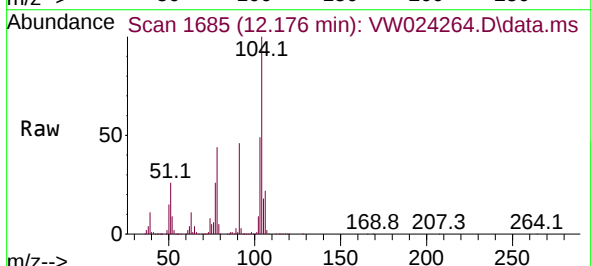
Instrument :
MSVOA_W
ClientSampleId :
VSTD025538

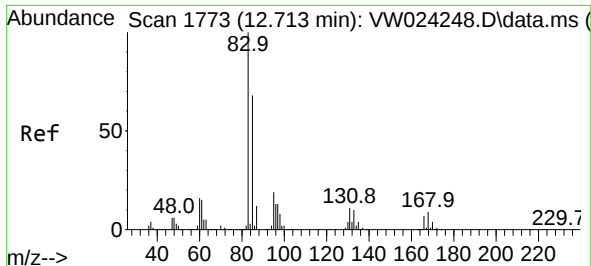
Tgt Ion:106 Resp: 195272
Ion Ratio Lower Upper
106 100
91 198.2 150.9 280.3



#55
Styrene
Concen: 29.368 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW024264.D
Acq: 17 Aug 2022 09:53

Tgt Ion:104 Resp: 343473
Ion Ratio Lower Upper
104 100
78 43.7 31.1 57.7





#57

1,1,2,2-Tetrachloroethane

Concen: 25.252 ug/L

RT: 12.707 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW024264.D

Acq: 17 Aug 2022 09:53

Instrument :

MSVOA_W

ClientSampleId :

VSTD025538

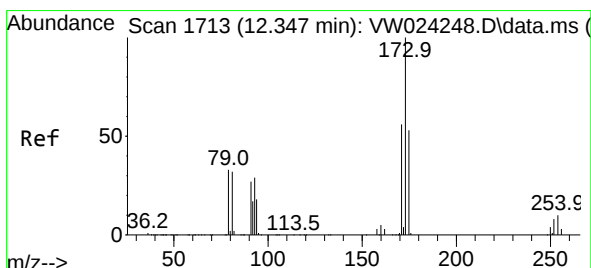
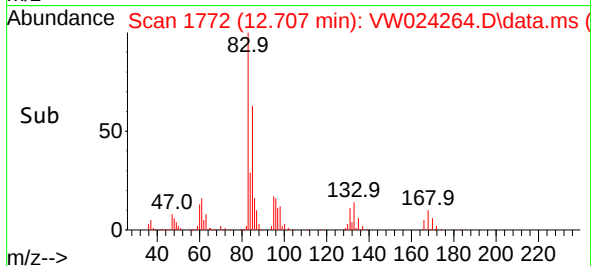
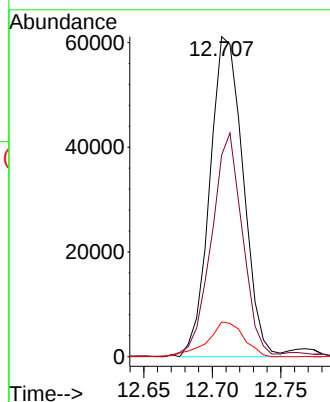
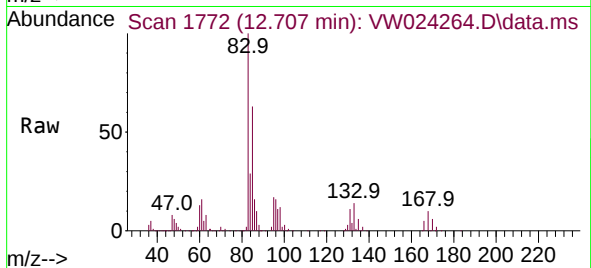
Tgt Ion: 83 Resp: 103275

Ion Ratio Lower Upper

83 100

85 63.0 44.1 81.9

131 10.9 8.3 12.5



#59

Bromoform

Concen: 25.257 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. 0.000 min

Lab File: VW024264.D

Acq: 17 Aug 2022 09:53

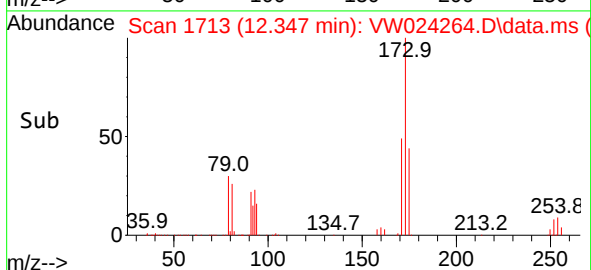
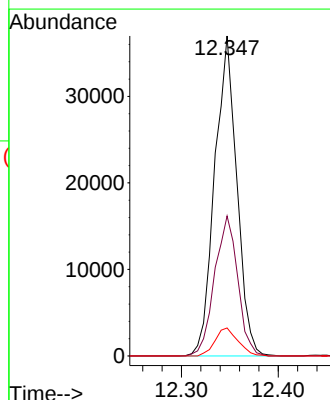
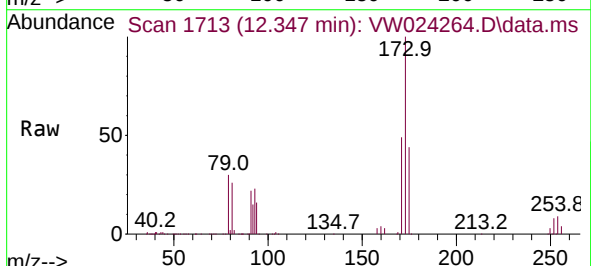
Tgt Ion:173 Resp: 58801

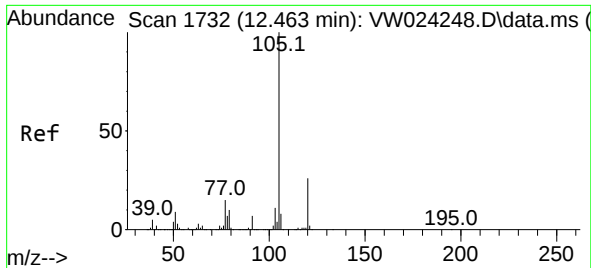
Ion Ratio Lower Upper

173 100

175 45.6 39.0 58.6

254 9.1 6.8 10.2

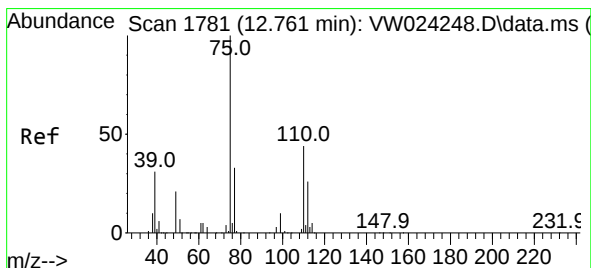
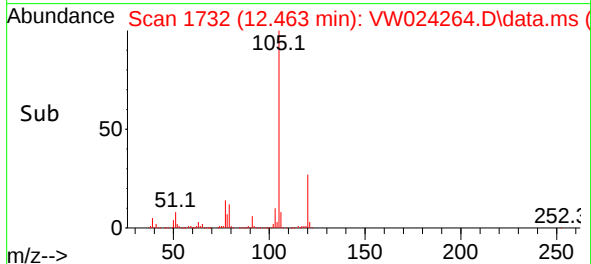
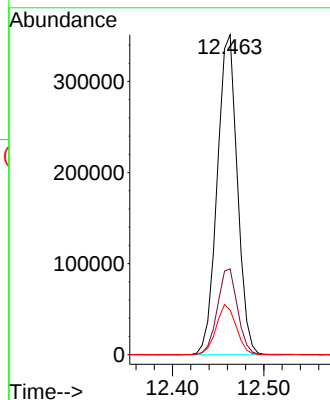
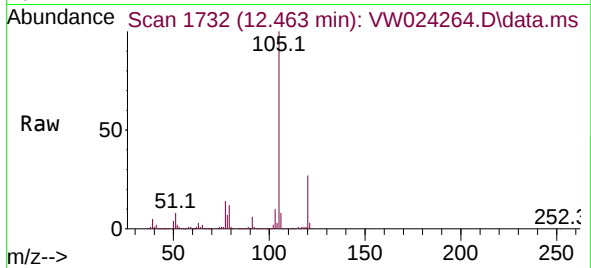




#60
Isopropylbenzene
Concen: 29.126 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW024264.D
Acq: 17 Aug 2022 09:53

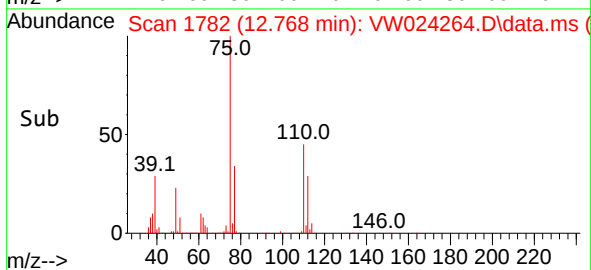
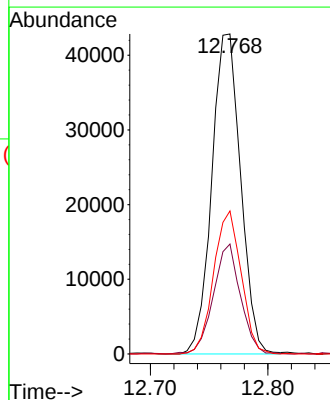
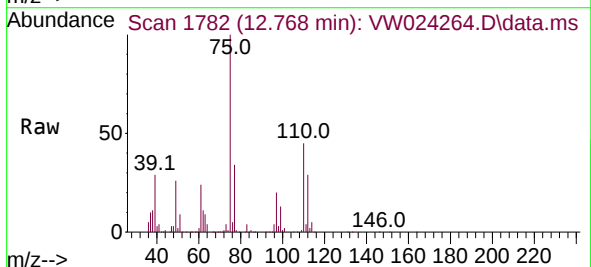
Instrument :
MSVOA_W
ClientSampleId :
VSTD025538

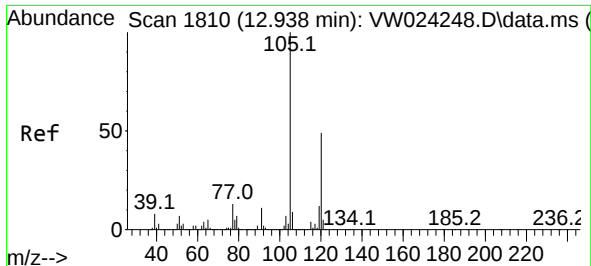
Tgt Ion:	105	Resp:	538163
Ion	Ratio	Lower	Upper
105	100		
120	26.9	21.4	32.2
77	15.6	12.4	18.6



#61
1,2,3-Trichloropropane
Concen: 24.086 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.006 min
Lab File: VW024264.D
Acq: 17 Aug 2022 09:53

Tgt Ion:	75	Resp:	73164
Ion	Ratio	Lower	Upper
75	100		
77	32.2	26.2	39.4
110	42.6	33.6	50.4





#62

1,3,5-Trimethylbenzene

Concen: 29.927 ug/L

RT: 12.938 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VW024264.D

Acq: 17 Aug 2022 09:53

Instrument :

MSVOA_W

ClientSampleId :

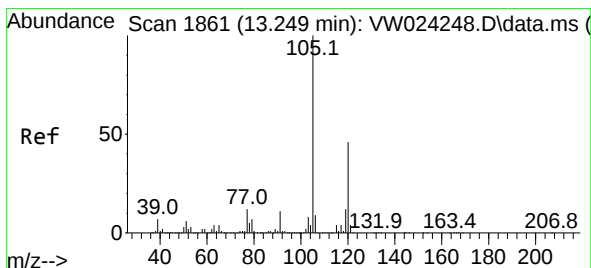
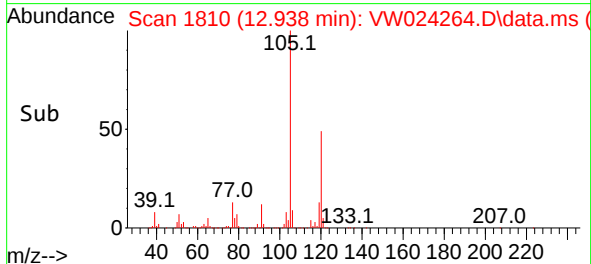
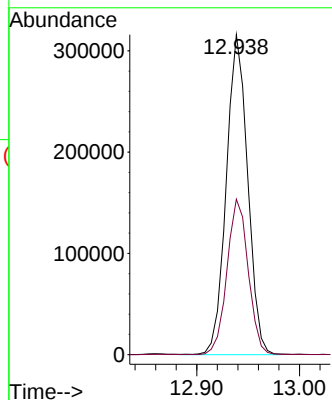
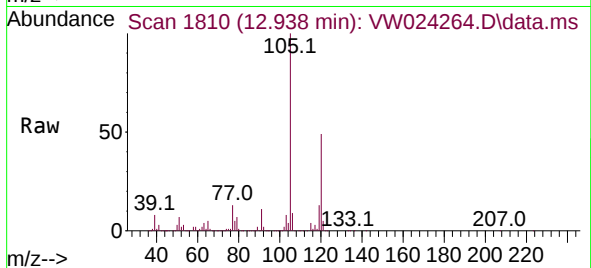
VSTD025538

Tgt Ion:105 Resp: 456965

Ion Ratio Lower Upper

105 100

120 48.1 39.7 59.5



#63

1,2,4-Trimethylbenzene

Concen: 30.459 ug/L

RT: 13.243 min Scan# 1860

Delta R.T. -0.006 min

Lab File: VW024264.D

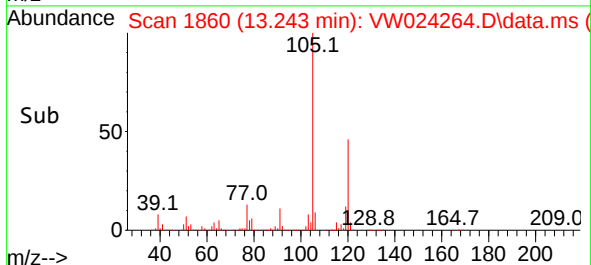
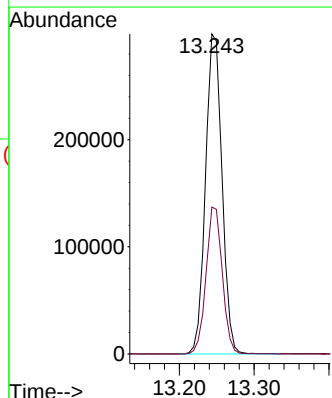
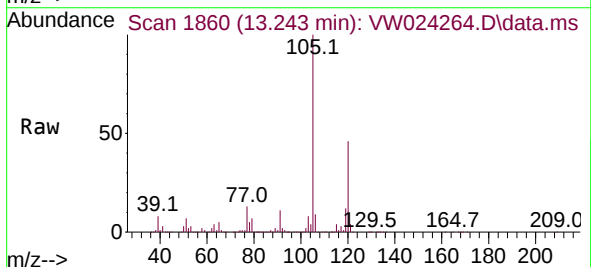
Acq: 17 Aug 2022 09:53

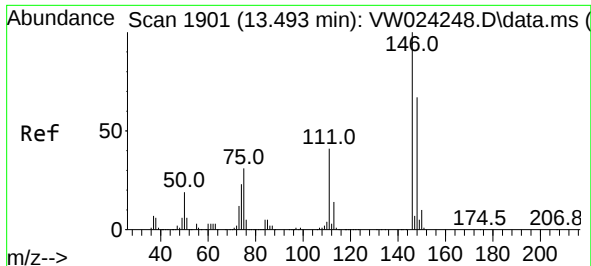
Tgt Ion:105 Resp: 458033

Ion Ratio Lower Upper

105 100

120 45.2 36.4 54.6

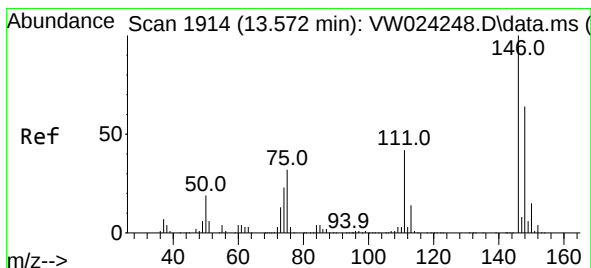
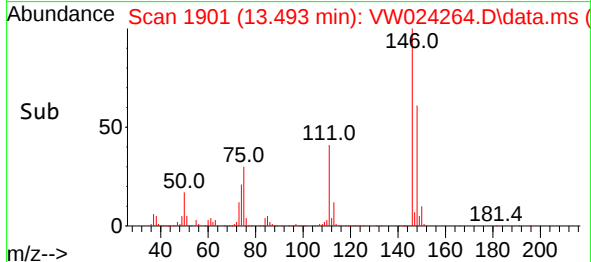
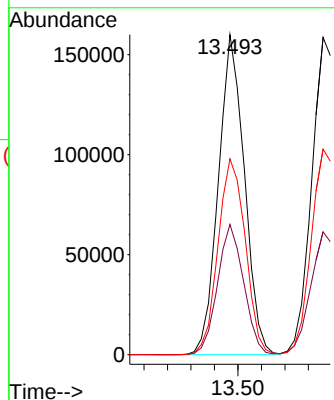
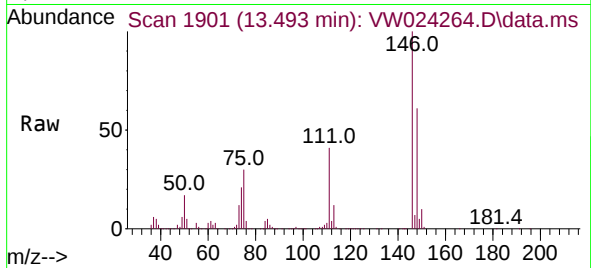




#64
1,3-Dichlorobenzene
Concen: 27.238 ug/L
RT: 13.493 min Scan# 1901
Delta R.T. 0.000 min
Lab File: VW024264.D
Acq: 17 Aug 2022 09:53

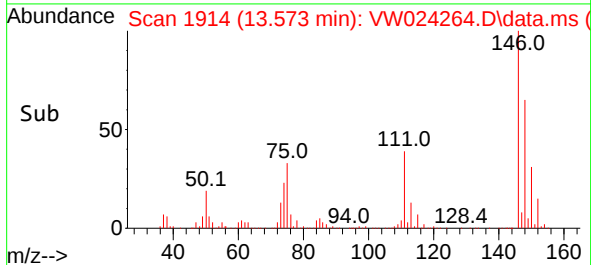
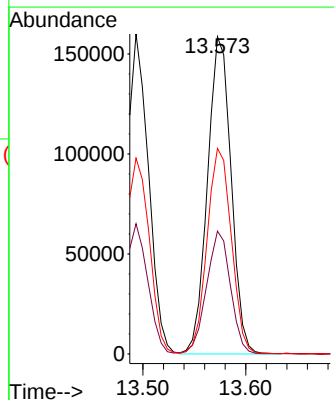
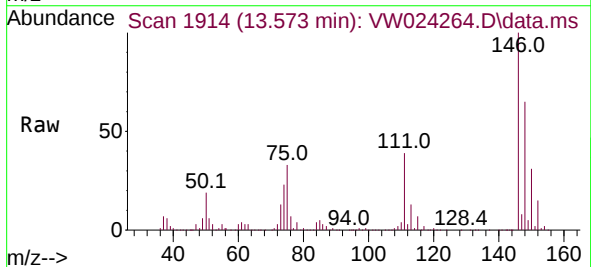
Instrument :
MSVOA_W
ClientSampleId :
VSTD025538

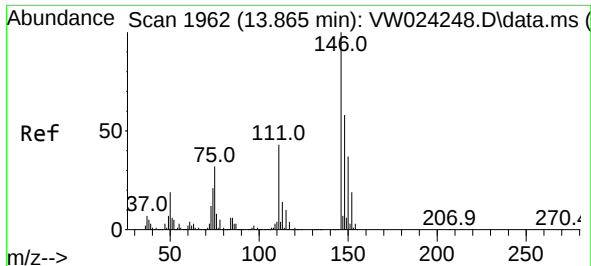
Tgt Ion:146 Resp: 246448
Ion Ratio Lower Upper
146 100
111 40.7 28.0 52.0
148 61.2 46.5 86.3



#65
1,4-Dichlorobenzene
Concen: 26.467 ug/L
RT: 13.573 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW024264.D
Acq: 17 Aug 2022 09:53

Tgt Ion:146 Resp: 253578
Ion Ratio Lower Upper
146 100
111 38.7 27.6 51.4
148 64.8 40.5 75.3





#67

1,2-Dichlorobenzene

Concen: 26.028 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VW024264.D

Acq: 17 Aug 2022 09:53

Instrument :

MSVOA_W

ClientSampleId :

VSTD025538

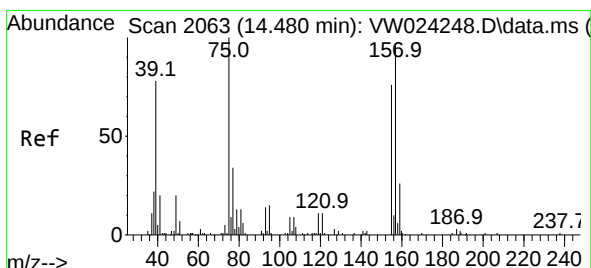
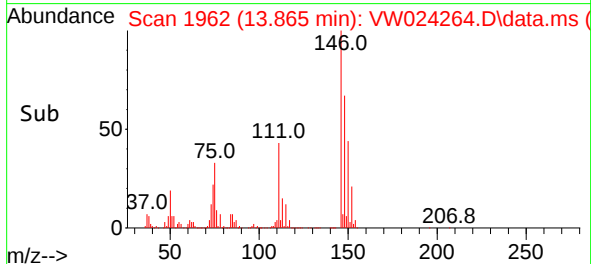
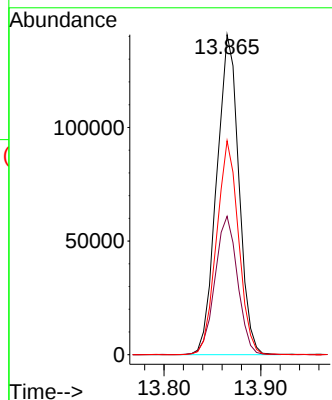
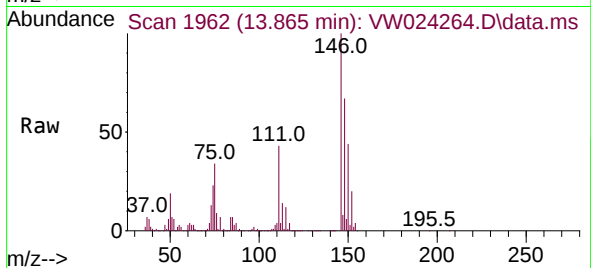
Tgt Ion:146 Resp: 223631

Ion Ratio Lower Upper

146 100

111 43.2 29.0 43.6

148 66.8 47.8 71.8



#68

1,2-Dibromo-3-chloropropane

Concen: 22.687 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW024264.D

Acq: 17 Aug 2022 09:53

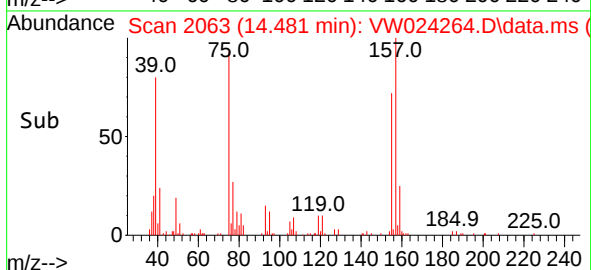
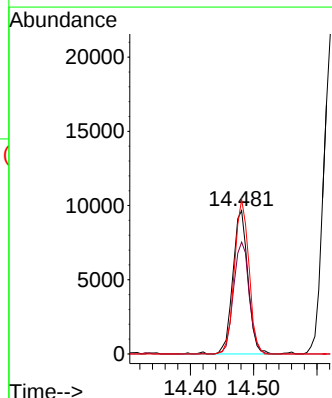
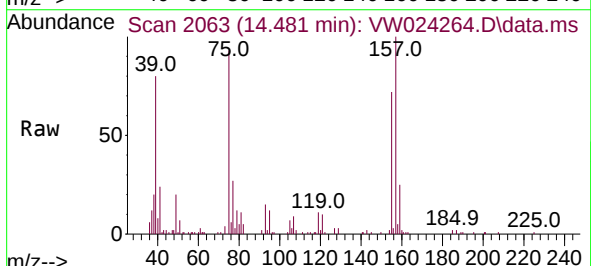
Tgt Ion: 75 Resp: 16101

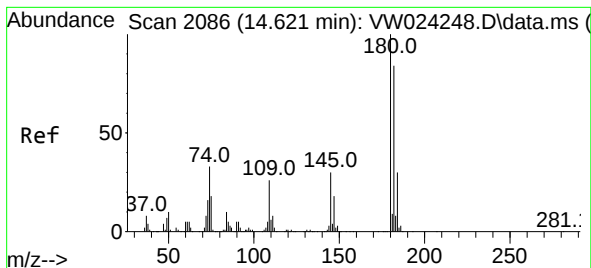
Ion Ratio Lower Upper

75 100

155 78.0 68.8 103.2

157 107.8 91.5 137.3





#69

1,3,5-Trichlorobenzene

Concen: 30.097 ug/L

RT: 14.627 min Scan# 2086

Delta R.T. 0.007 min

Lab File: VW024264.D

Acq: 17 Aug 2022 09:53

Instrument :

MSVOA_W

ClientSampleId :

VSTD025538

Tgt Ion:180 Resp: 178566

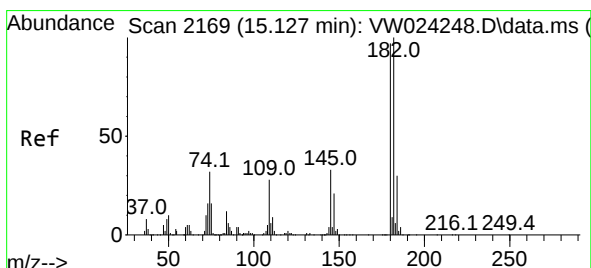
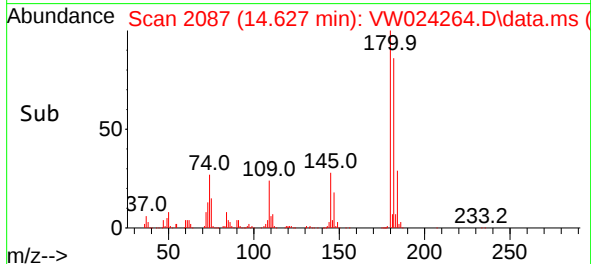
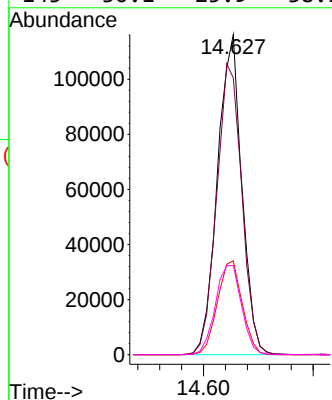
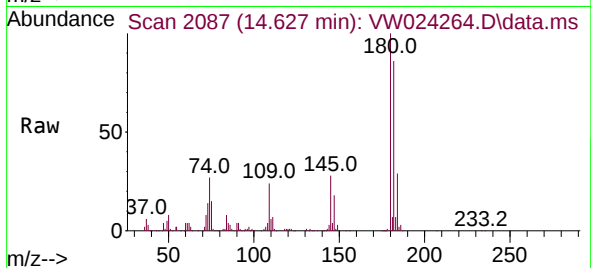
Ion Ratio Lower Upper

180 100

182 94.3 78.4 117.6

184 30.0 24.7 37.1

145 30.1 25.9 38.9



#70

1,2,4-trichlorobenzene

Concen: 29.412 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. 0.000 min

Lab File: VW024264.D

Acq: 17 Aug 2022 09:53

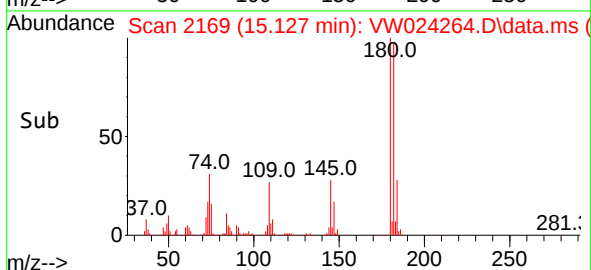
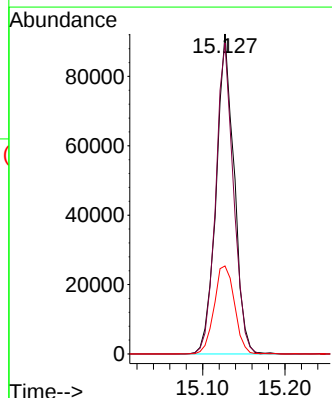
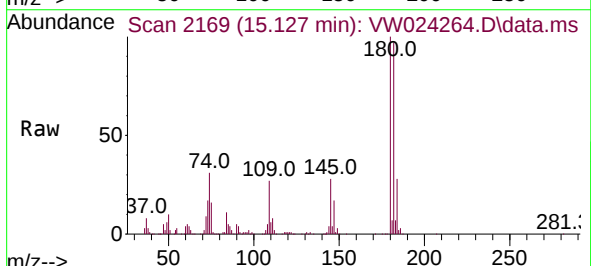
Tgt Ion:180 Resp: 139745

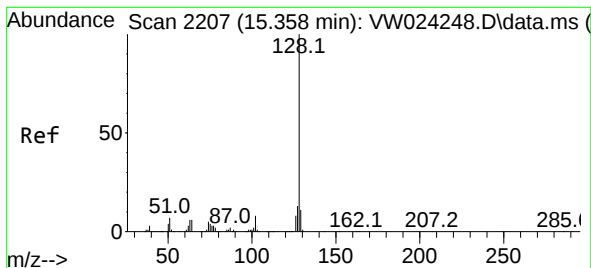
Ion Ratio Lower Upper

180 100

182 96.3 75.0 112.4

145 31.3 25.1 37.7





#71

Naphthalene

Concen: 28.931 ug/L

RT: 15.359 min Scan# 2207

Delta R.T. 0.000 min

Lab File: VW024264.D

Acq: 17 Aug 2022 09:53

Instrument :

MSVOA_W

ClientSampleId :

VSTD025538

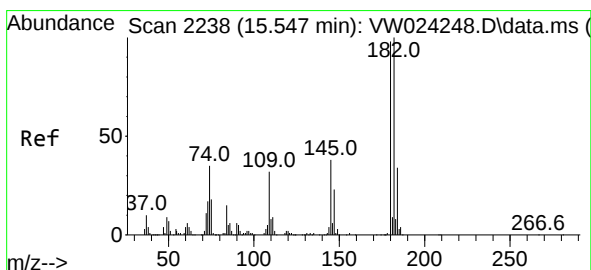
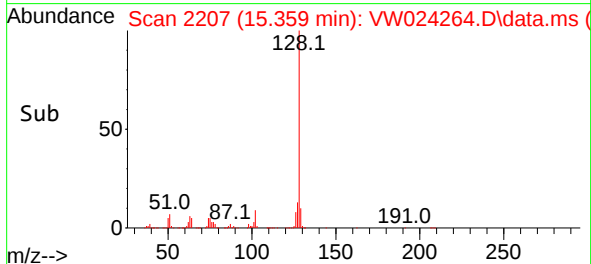
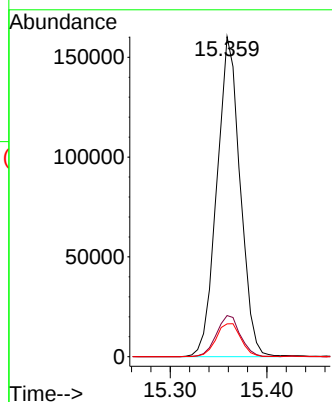
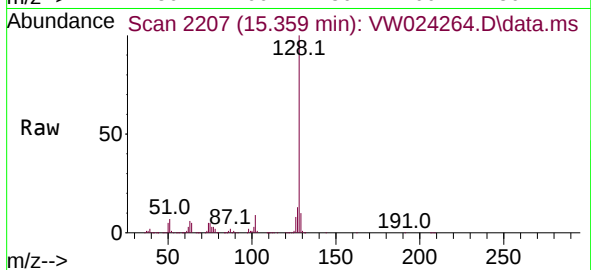
Tgt Ion:128 Resp: 267752

Ion Ratio Lower Upper

128 100

127 13.2 10.7 16.1

129 11.0 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 29.241 ug/L

RT: 15.548 min Scan# 2238

Delta R.T. 0.000 min

Lab File: VW024264.D

Acq: 17 Aug 2022 09:53

Tgt Ion:180 Resp: 126487

Ion Ratio Lower Upper

180 100

182 92.1 75.4 113.2

145 33.5 26.9 40.3

