

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW061422\
 Data File : VW023487.D
 Acq On : 14 Jun 2022 15:50
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025573

Quant Time: Jun 15 02:15:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM061022SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jun 15 02:14:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	337699	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	330933	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	182630	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	127696	23.802	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.200%
7) Chloroethane-d5	2.885	69	95885	24.313	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.240%
11) 1,1-Dichloroethene-d2	4.019	63	166896	22.287	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	89.160%
21) 2-Butanone-d5	7.080	46	58813	53.691	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.380%
24) Chloroform-d	7.647	84	216922	23.335	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.320%
26) 1,2-Dichloroethane-d4	8.305	65	111195	22.210	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.840%
32) Benzene-d6	8.275	84	395668	22.549	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.200%
36) 1,2-Dichloropropane-d6	9.274	67	121245	23.453	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.800%
41) Toluene-d8	10.323	98	387822	22.628	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.520%
43) trans-1,3-Dichloroprop...	10.573	79	53440	22.648	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.600%
47) 2-Hexanone-d5	10.927	63	47302	57.262	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	114.520%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	120124	24.879	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.520%
66) 1,2-Dichlorobenzene-d4	13.853	152	144513	21.920	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.680%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.007	85	55120	44.764	ug/L	93
3) Chloromethane	2.215	50	111364	27.341	ug/L	98
5) Vinyl chloride	2.361	62	161785	25.486	ug/L	97
6) Bromomethane	2.776	94	79013	21.991	ug/L	91
8) Chloroethane	2.916	64	84549	25.142	ug/L	95
9) Trichlorofluoromethane	3.251	101	69299	24.205	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	106011	25.683	ug/L	98
12) 1,1-Dichloroethene	4.044	96	87551	23.810	ug/L	93
13) Acetone	4.123	43	37943	48.078	ug/L	100
14) Carbon disulfide	4.385	76	250555	22.151	ug/L	98
15) Methyl Acetate	4.672	43	42530	24.137	ug/L	97
16) Methylene chloride	4.915	84	104547	22.875	ug/L	99
17) trans-1,2-Dichloroethene	5.427	96	102019	23.433	ug/L	96
18) Methyl tert-butyl Ether	5.421	73	159599	24.357	ug/L	99
19) 1,1-Dichloroethane	6.214	63	182026	23.342	ug/L	96
20) cis-1,2-Dichloroethene	7.165	96	110734	23.258	ug/L #	99
22) 2-Butanone	7.171	43	60474	50.063	ug/L	98
23) Bromochloromethane	7.519	128	51343	23.409	ug/L	88
25) Chloroform	7.677	83	204373	23.223	ug/L	100

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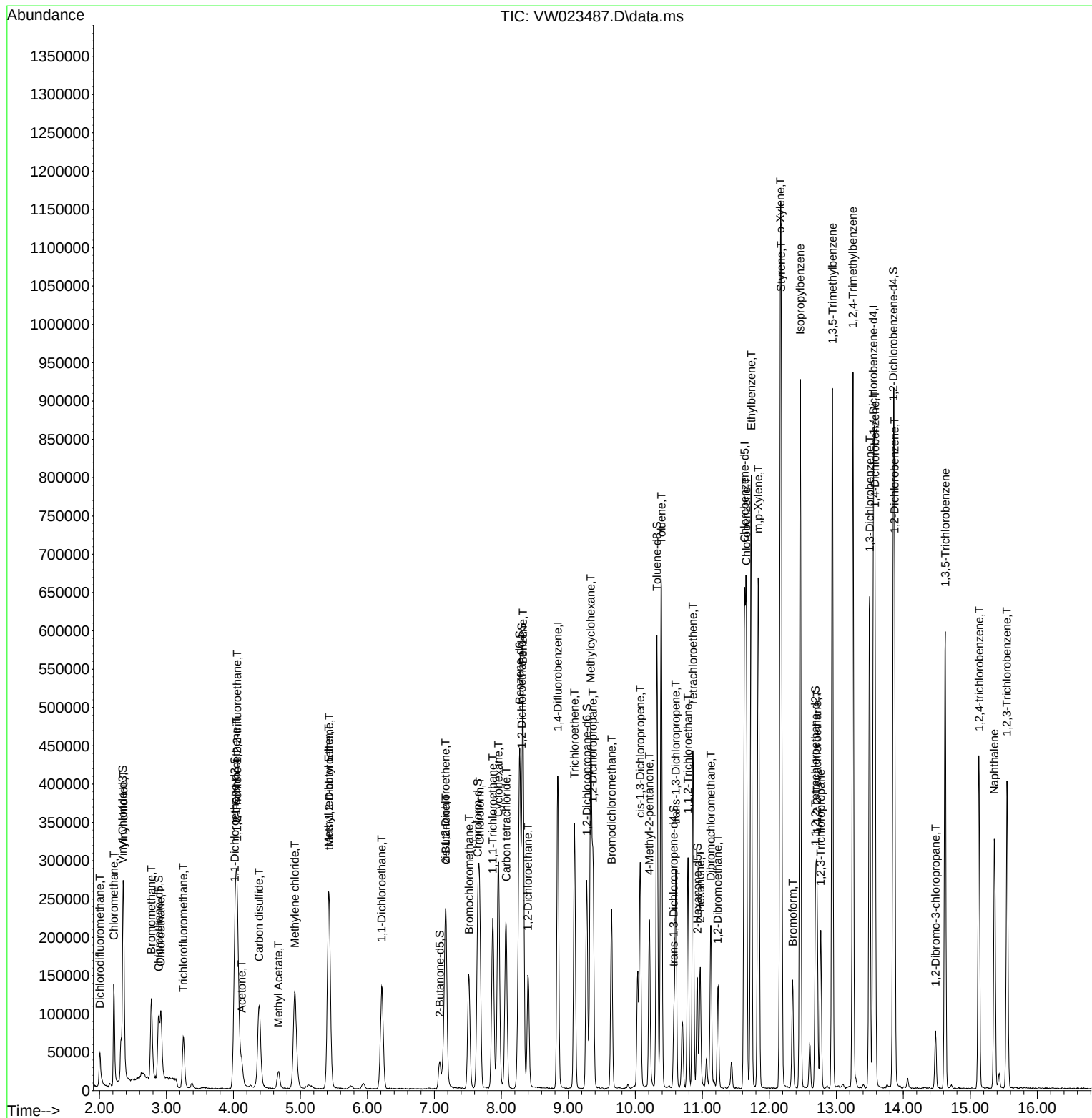
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.396	62	131043	22.515	ug/L	97
29) Cyclohexane	7.958	56	152050	22.812	ug/L	98
30) 1,1,1-Trichloroethane	7.872	97	175796	22.949	ug/L	98
31) Carbon tetrachloride	8.073	117	161812	22.929	ug/L	100
33) Benzene	8.323	78	434806	22.744	ug/L	100
34) Trichloroethene	9.091	95	112981	22.049	ug/L	96
35) Methylcyclohexane	9.335	83	188088	22.673	ug/L	97
37) 1,2-Dichloropropane	9.366	63	104779	22.428	ug/L	100
38) Bromodichloromethane	9.646	83	150373	22.885	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	166003	23.188	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	136161	51.099	ug/L	99
42) Toluene	10.390	91	490124	22.947	ug/L	96
44) trans-1,3-Dichloropropene	10.603	75	149301	23.112	ug/L	97
45) 1,1,2-Trichloroethane	10.786	97	87355	22.763	ug/L	98
46) Tetrachloroethene	10.859	164	91843	23.218	ug/L	83
48) 2-Hexanone	10.969	43	92011	51.095	ug/L	99
49) Dibromochloromethane	11.128	129	106871	23.779	ug/L	92
50) 1,2-Dibromoethane	11.231	107	85297	23.777	ug/L	96
51) Chlorobenzene	11.658	112	328366	22.780	ug/L	99
52) Ethylbenzene	11.731	91	553546	22.803	ug/L	99
53) m,p-Xylene	11.835	106	217476	23.019	ug/L	97
54) o-Xylene	12.164	106	210328	23.296	ug/L	99
55) Styrene	12.176	104	364011	23.188	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	112121	24.059	ug/L	99
59) Bromoform	12.353	173	58375	22.487	ug/L	98
60) Isopropylbenzene	12.463	105	570245	21.814	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	80045	23.035	ug/L	100
62) 1,3,5-Trimethylbenzene	12.944	105	483327	22.606	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	482028	22.529	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	255998	22.074	ug/L	97
65) 1,4-Dichlorobenzene	13.578	146	260583	22.005	ug/L	98
67) 1,2-Dichlorobenzene	13.871	146	242863	22.864	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.481	75	18111	23.603	ug/L #	83
69) 1,3,5-Trichlorobenzene	14.627	180	171459	22.626	ug/L	99
70) 1,2,4-trichlorobenzene	15.133	180	126404	21.422	ug/L	94
71) Naphthalene	15.359	128	280815	24.192	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	123903	24.154	ug/L	97

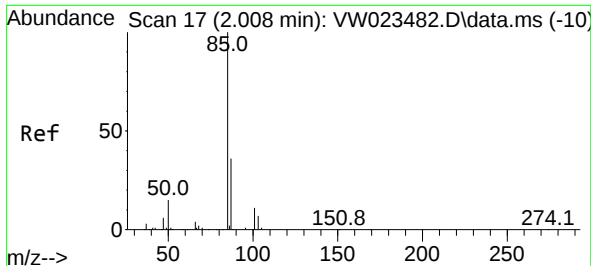
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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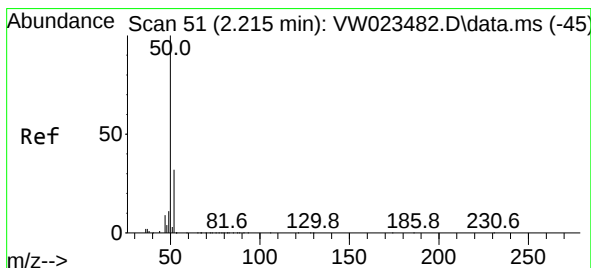
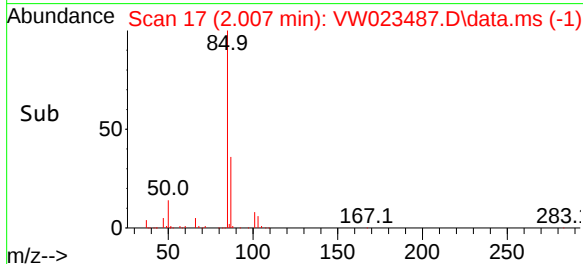
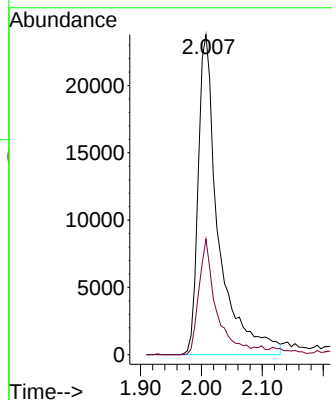
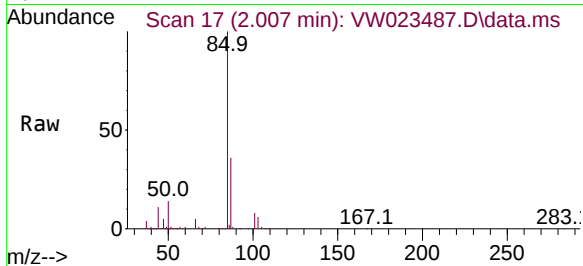




#2
 Dichlorodifluoromethane
 Concen: 44.764 ug/L
 RT: 2.007 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VW023487.D
 Acq: 14 Jun 2022 15:50

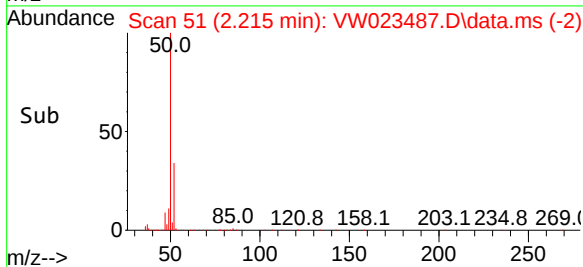
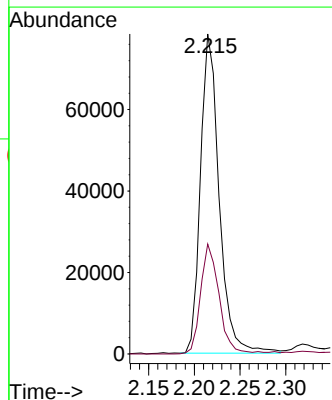
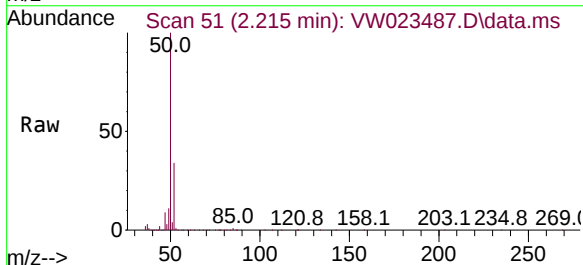
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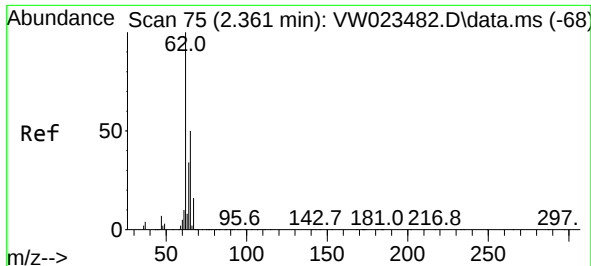
Tgt Ion: 85 Resp: 55120
 Ion Ratio Lower Upper
 85 100
 87 30.8 27.8 41.8



#3
 Chloromethane
 Concen: 27.341 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VW023487.D
 Acq: 14 Jun 2022 15:50

Tgt Ion: 50 Resp: 111364
 Ion Ratio Lower Upper
 50 100
 52 34.3 23.1 42.9

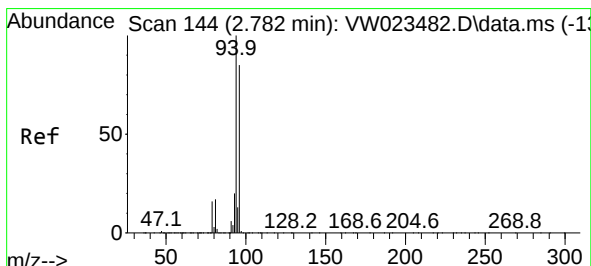
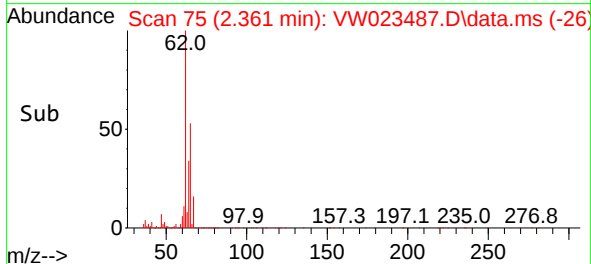
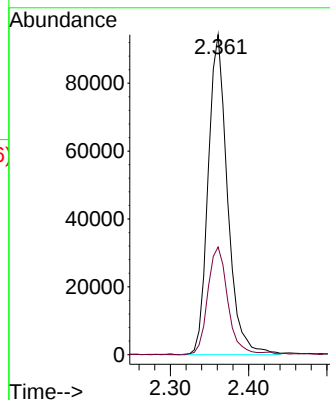
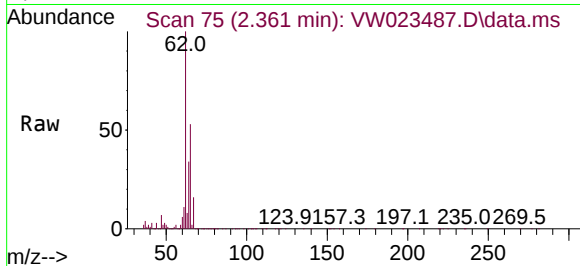




#5
 Vinyl chloride
 Concen: 25.486 ug/L
 RT: 2.361 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VW023487.D
 Acq: 14 Jun 2022 15:50

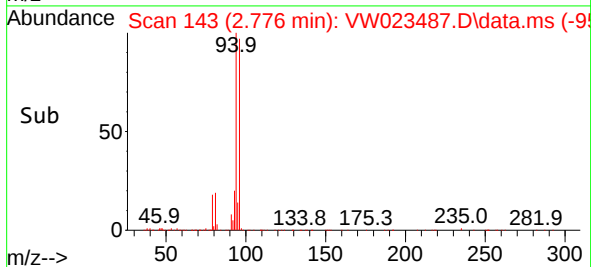
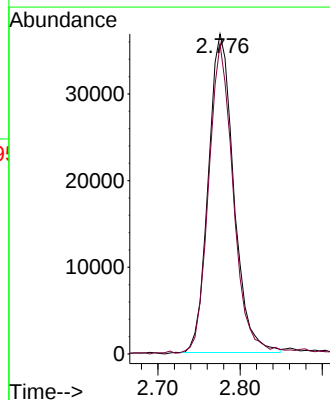
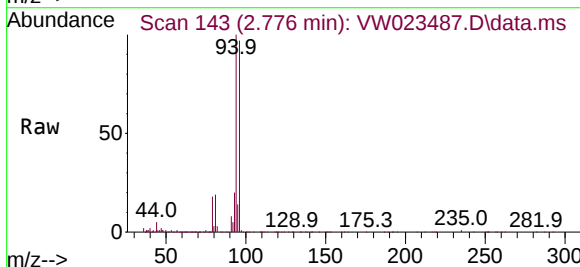
Instrument :
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 ClientSampleId :
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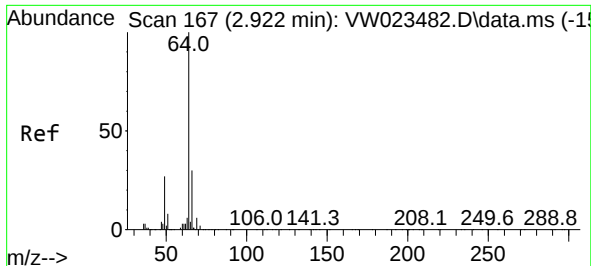
Tgt Ion: 62 Resp: 161785
 Ion Ratio Lower Upper
 62 100
 64 33.7 24.9 46.3



#6
 Bromomethane
 Concen: 21.991 ug/L
 RT: 2.776 min Scan# 143
 Delta R.T. -0.006 min
 Lab File: VW023487.D
 Acq: 14 Jun 2022 15:50

Tgt Ion: 94 Resp: 79013
 Ion Ratio Lower Upper
 94 100
 96 96.9 61.7 114.5

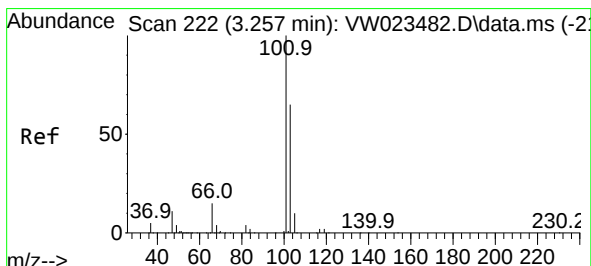
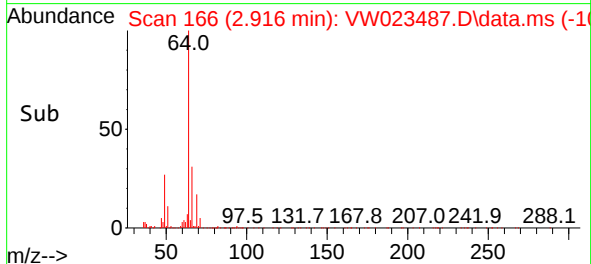
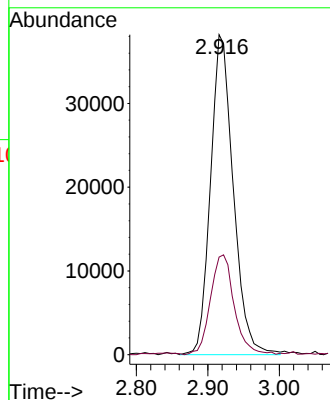
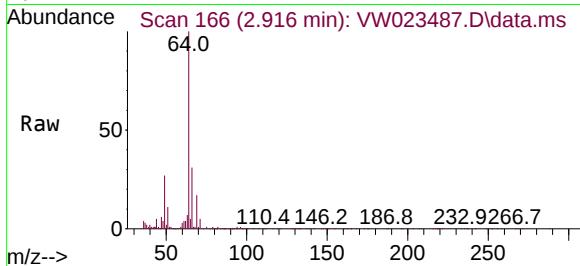




#8
Chloroethane
Concen: 25.142 ug/L
RT: 2.916 min Scan# 166
Delta R.T. -0.006 min
Lab File: VW023487.D
Acq: 14 Jun 2022 15:50

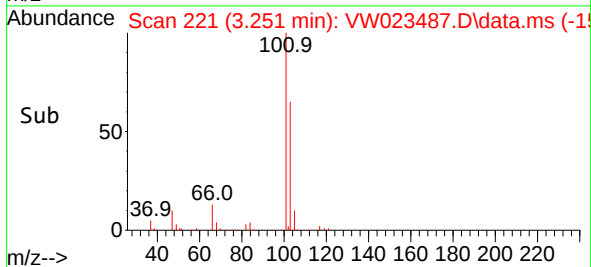
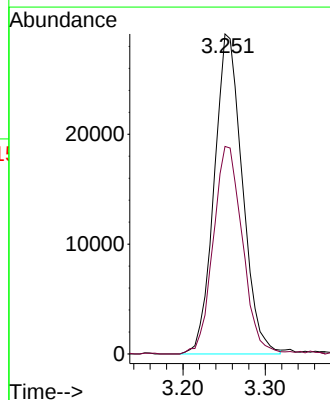
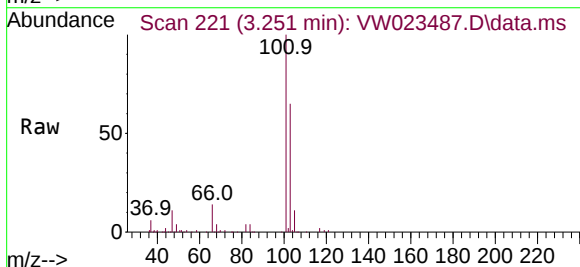
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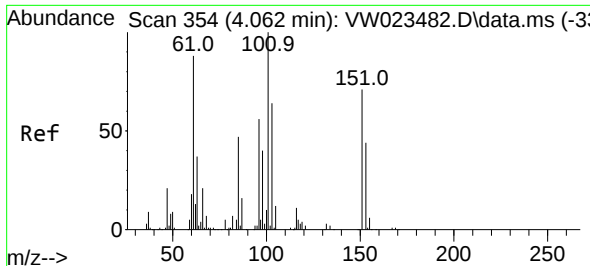
Tgt Ion: 64 Resp: 84549
Ion Ratio Lower Upper
64 100
66 30.5 23.4 43.6



#9
Trichlorofluoromethane
Concen: 24.205 ug/L
RT: 3.251 min Scan# 221
Delta R.T. -0.006 min
Lab File: VW023487.D
Acq: 14 Jun 2022 15:50

Tgt Ion: 101 Resp: 69299
Ion Ratio Lower Upper
101 100
103 67.1 53.9 80.9

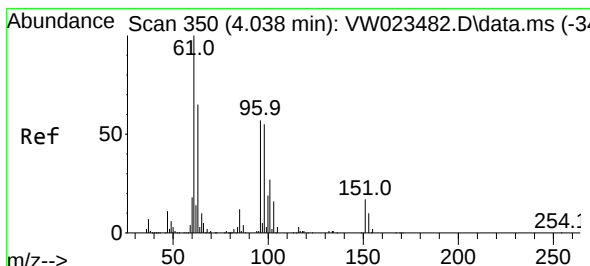
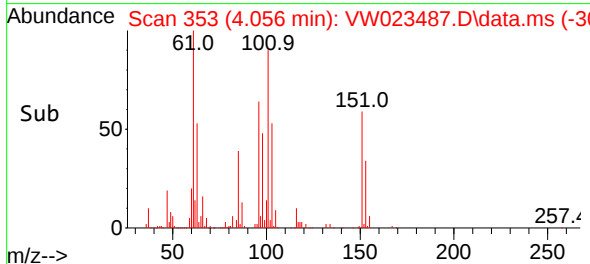
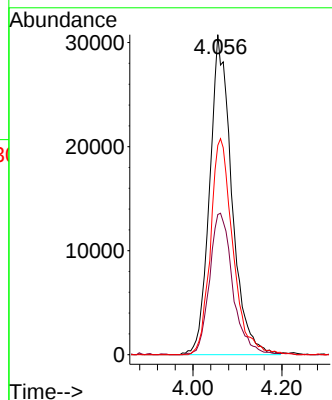
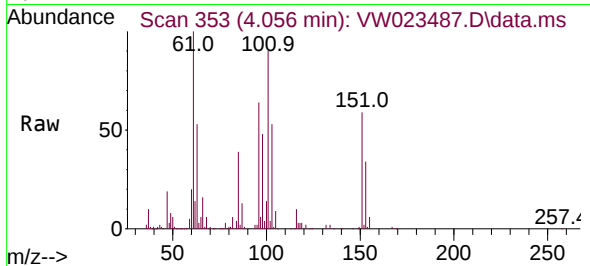




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 25.683 ug/L
 RT: 4.056 min Scan# 310
 Delta R.T. -0.006 min
 Lab File: VW023487.D
 Acq: 14 Jun 2022 15:50

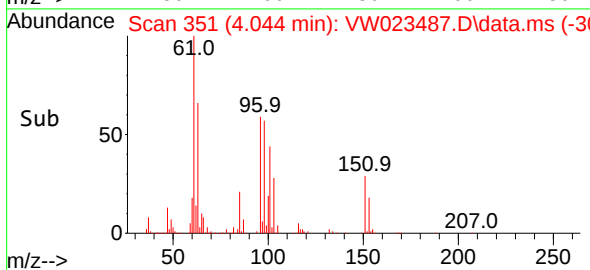
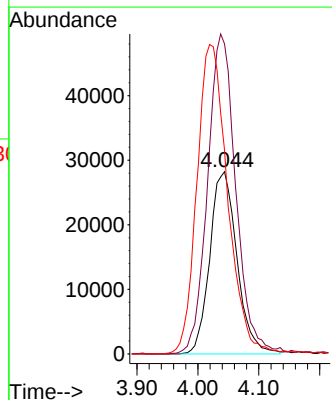
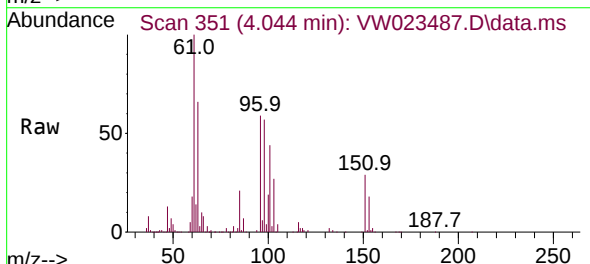
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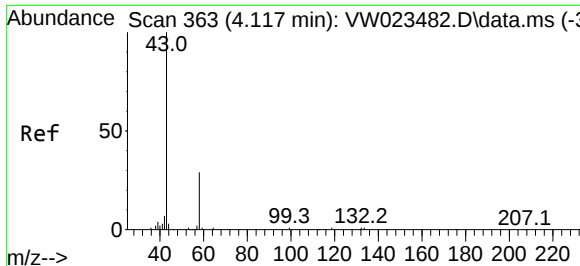
Tgt Ion:101 Resp: 106011
 Ion Ratio Lower Upper
 101 100
 85 46.3 34.3 51.5
 151 68.0 54.2 81.2



#12
 1,1-Dichloroethene
 Concen: 23.810 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. 0.006 min
 Lab File: VW023487.D
 Acq: 14 Jun 2022 15:50

Tgt Ion: 96 Resp: 87551
 Ion Ratio Lower Upper
 96 100
 61 170.1 125.7 233.5
 63 112.0 83.4 155.0

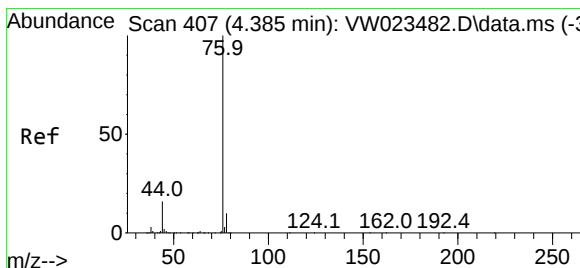
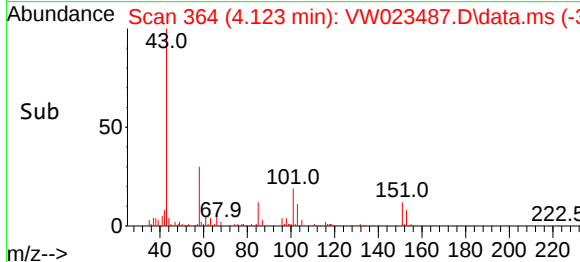
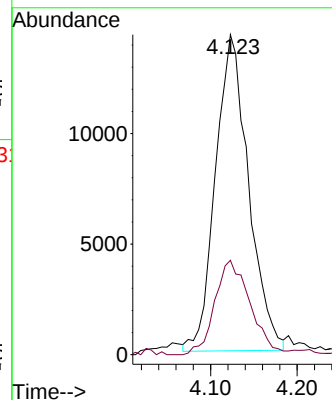
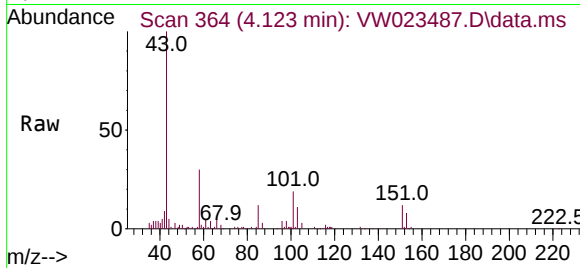




#13
Acetone
Concen: 48.078 ug/L
RT: 4.123 min Scan# 364
Delta R.T. 0.006 min
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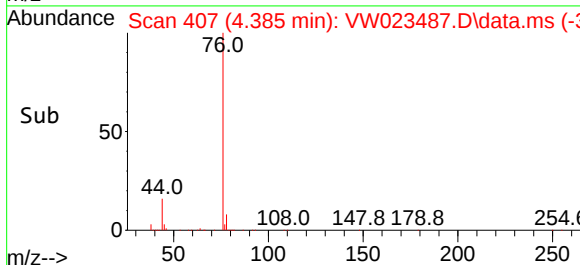
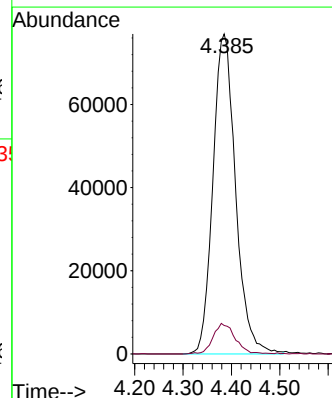
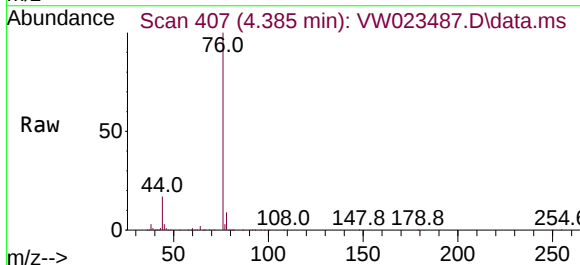
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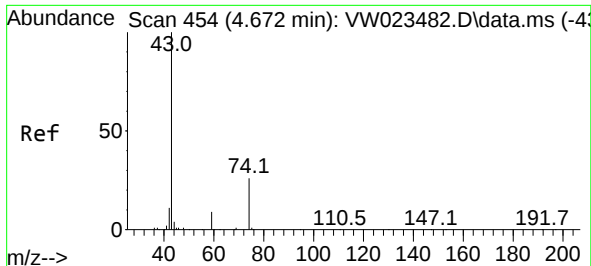
Tgt Ion: 43 Resp: 37943
Ion Ratio Lower Upper
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58 31.9 0.0 64.0



#14
Carbon disulfide
Concen: 22.151 ug/L
RT: 4.385 min Scan# 407
Delta R.T. -0.000 min
Lab File: VW023487.D
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Tgt Ion: 76 Resp: 250555
Ion Ratio Lower Upper
76 100
78 8.9 7.7 11.5

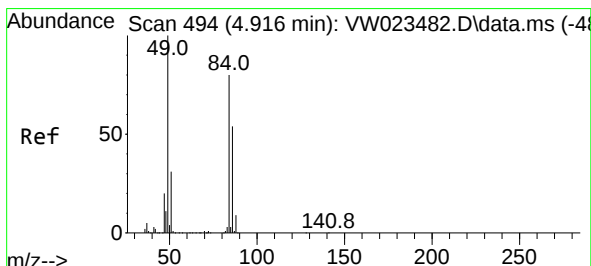
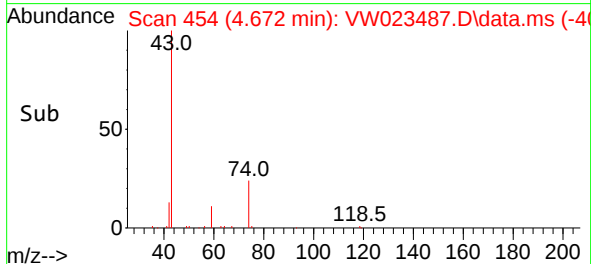
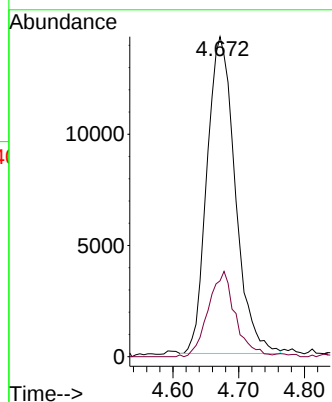
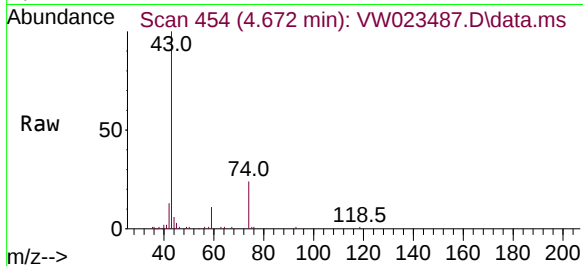




#15
Methyl Acetate
Concen: 24.137 ug/L
RT: 4.672 min Scan# 411
Delta R.T. -0.000 min
Lab File: VW023487.D
Acq: 14 Jun 2022 15:50

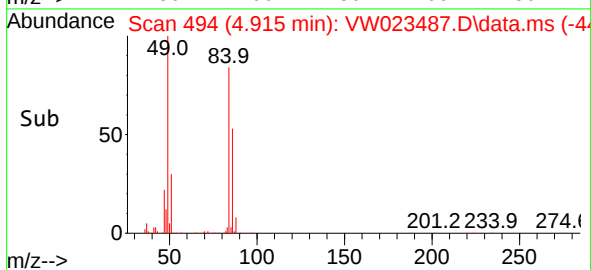
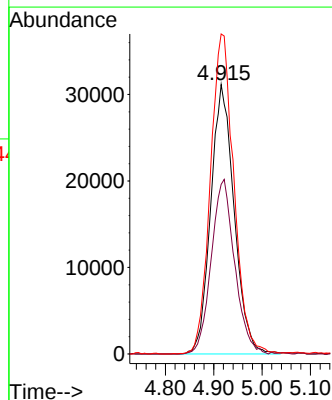
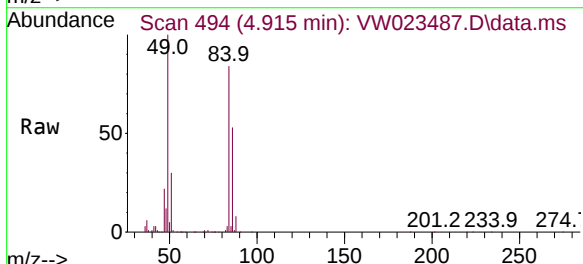
Instrument :
MSVOA_W
ClientSampleId :
VSTD025573

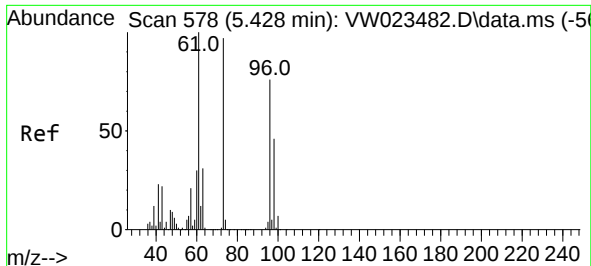
Tgt Ion: 43 Resp: 42530
Ion Ratio Lower Upper
43 100
74 25.7 21.9 32.9



#16
Methylene chloride
Concen: 22.875 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.000 min
Lab File: VW023487.D
Acq: 14 Jun 2022 15:50

Tgt Ion: 84 Resp: 104547
Ion Ratio Lower Upper
84 100
86 62.9 45.4 84.4
49 118.7 82.5 153.1

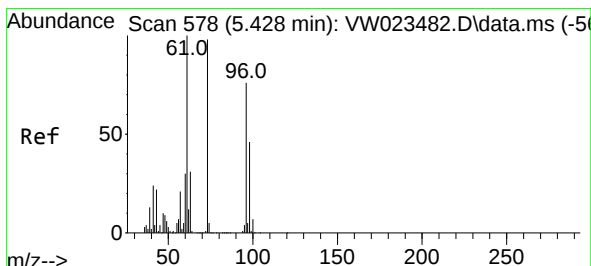
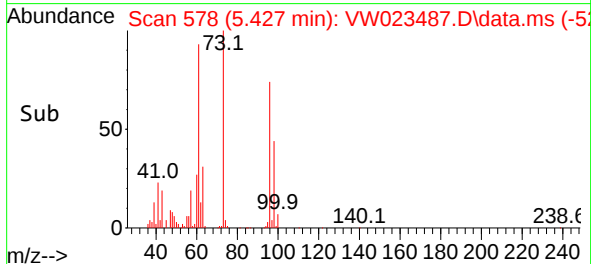
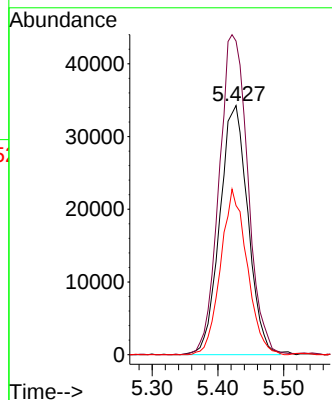
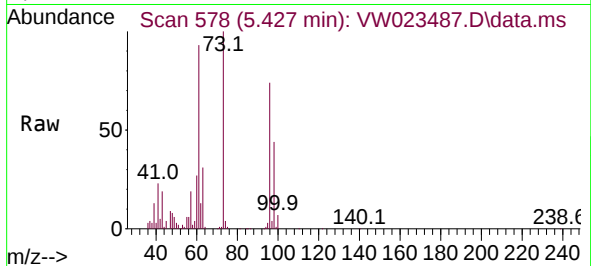




#17
trans-1,2-Dichloroethene
Concen: 23.433 ug/L
RT: 5.427 min Scan# 51
Delta R.T. -0.000 min
Lab File: VW023487.D
Acq: 14 Jun 2022 15:50

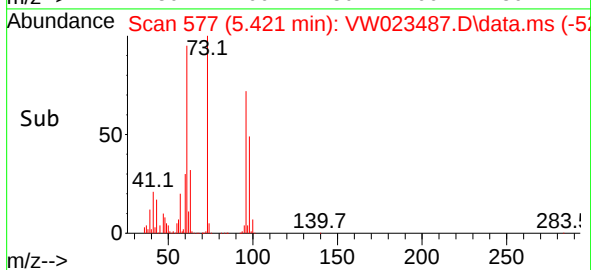
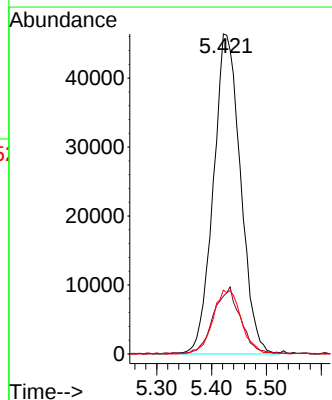
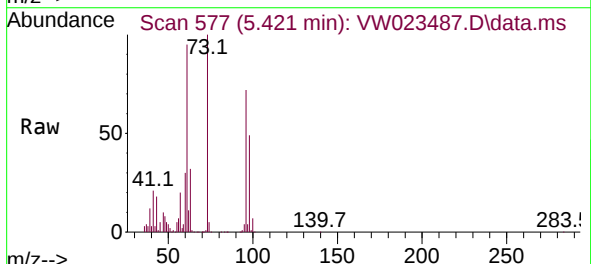
Instrument :
MSVOA_W
ClientSampleId :
VSTD025573

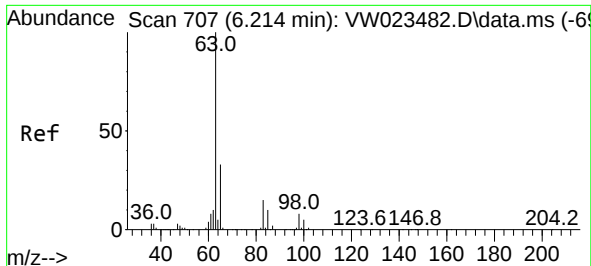
Tgt Ion: 96 Resp: 102019
Ion Ratio Lower Upper
96 100
61 125.9 92.2 171.2
98 59.8 42.9 79.7



#18
Methyl tert-butyl Ether
Concen: 24.357 ug/L
RT: 5.421 min Scan# 577
Delta R.T. -0.006 min
Lab File: VW023487.D
Acq: 14 Jun 2022 15:50

Tgt Ion: 73 Resp: 159599
Ion Ratio Lower Upper
73 100
43 20.4 15.9 23.9
57 20.7 16.5 24.7

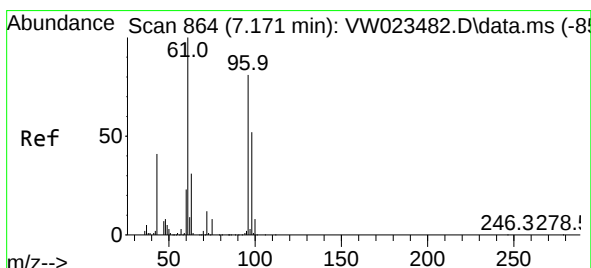
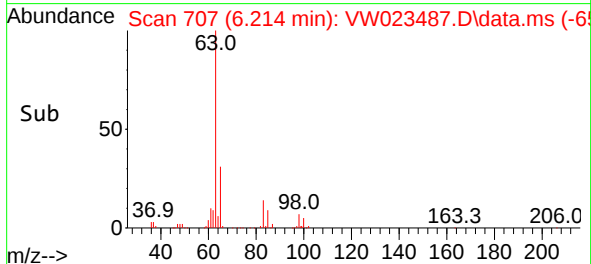
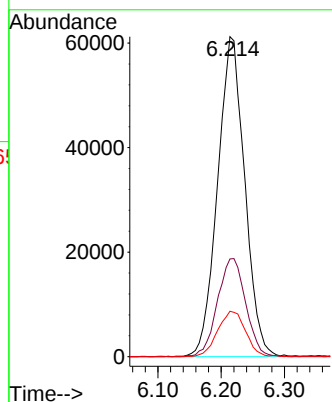
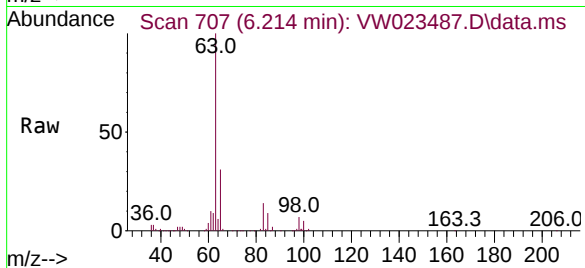




#19
1,1-Dichloroethane
Concen: 23.342 ug/L
RT: 6.214 min Scan# 707
Delta R.T. -0.000 min
Lab File: VW023487.D
Acq: 14 Jun 2022 15:50

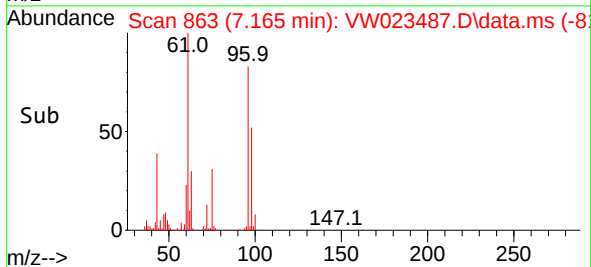
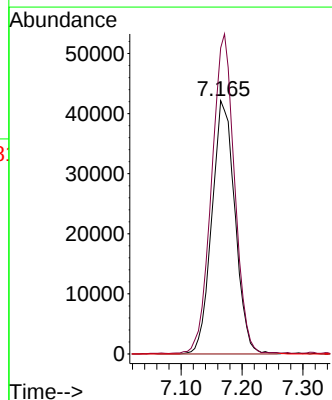
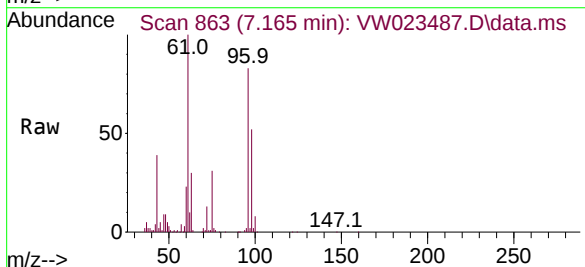
Instrument :
MSVOA_W
ClientSampleId :
VSTD025573

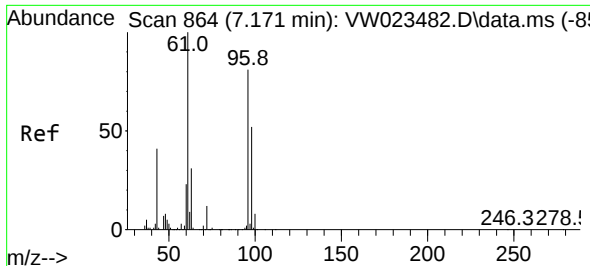
Tgt Ion: 63 Resp: 182026
Ion Ratio Lower Upper
63 100
65 30.6 23.3 43.3
83 14.2 11.1 20.5



#20
cis-1,2-Dichloroethene
Concen: 23.258 ug/L
RT: 7.165 min Scan# 863
Delta R.T. -0.006 min
Lab File: VW023487.D
Acq: 14 Jun 2022 15:50

Tgt Ion: 96 Resp: 110734
Ion Ratio Lower Upper
96 100
61 120.9 84.2 156.4
68 0.0 0.1 0.1

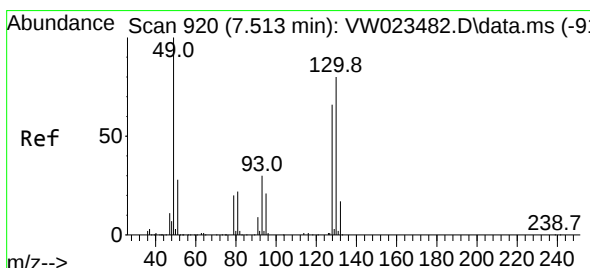
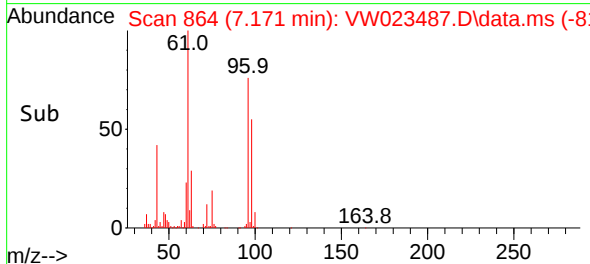
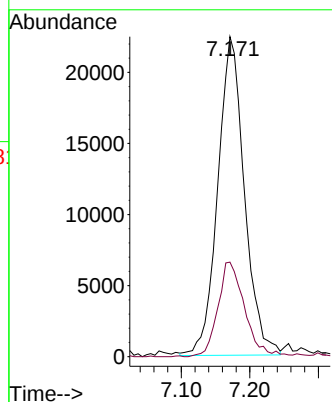
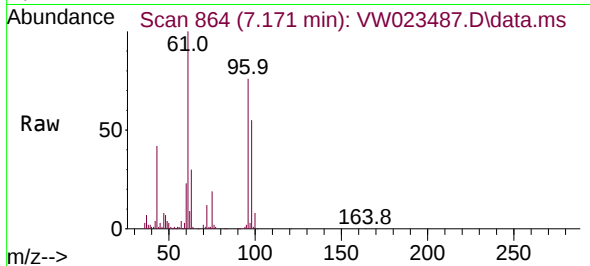




#22
2-Butanone
Concen: 50.063 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.000 min
Lab File: VW023487.D
Acq: 14 Jun 2022 15:50

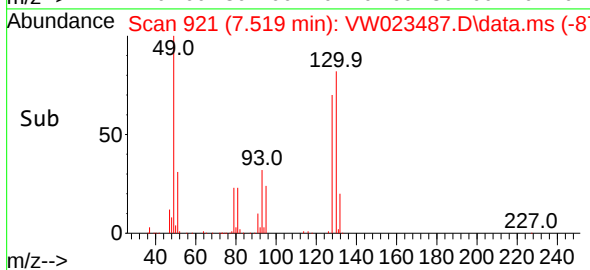
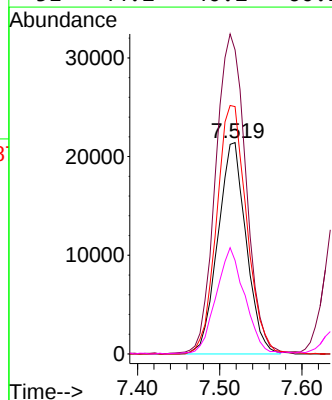
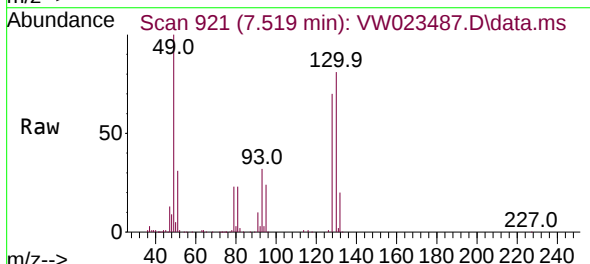
Instrument :
MSVOA_W
ClientSampleId :
VSTD025573

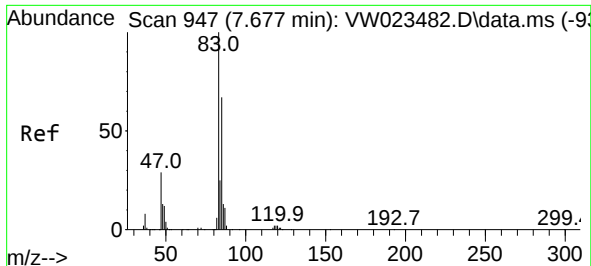
Tgt Ion: 43 Resp: 60474
Ion Ratio Lower Upper
43 100
72 29.2 15.1 45.3



#23
Bromochloromethane
Concen: 23.409 ug/L
RT: 7.519 min Scan# 921
Delta R.T. 0.006 min
Lab File: VW023487.D
Acq: 14 Jun 2022 15:50

Tgt Ion: 128 Resp: 51343
Ion Ratio Lower Upper
128 100
49 143.8 110.0 204.4
130 117.0 94.8 176.0
51 44.2 40.2 60.2





#25

Chloroform

Concen: 23.223 ug/L

RT: 7.677 min Scan# 94

Delta R.T. -0.000 min

Lab File: VW023487.D

Acq: 14 Jun 2022 15:50

Instrument :

MSVOA_W

ClientSampleId :

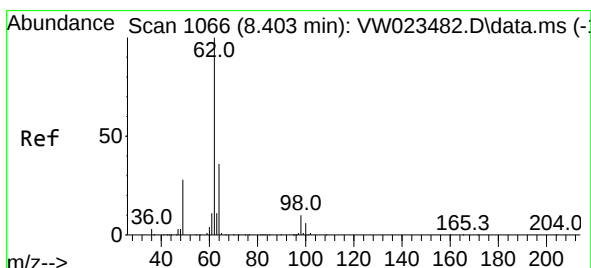
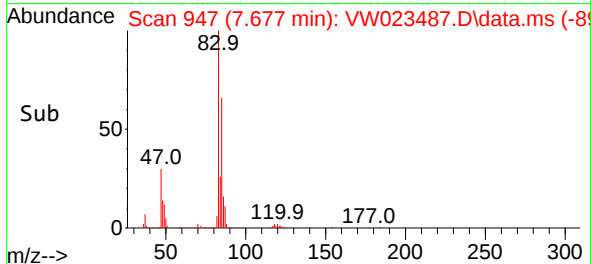
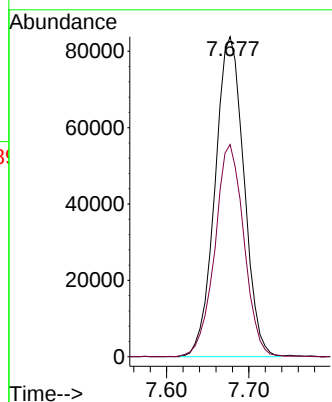
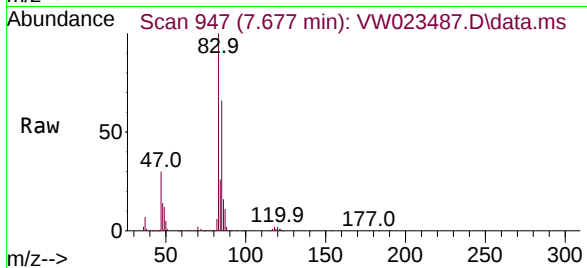
VSTD025573

Tgt Ion: 83 Resp: 204373

Ion Ratio Lower Upper

83 100

85 66.3 46.6 86.6



#27

1,2-Dichloroethane

Concen: 22.515 ug/L

RT: 8.396 min Scan# 1065

Delta R.T. -0.006 min

Lab File: VW023487.D

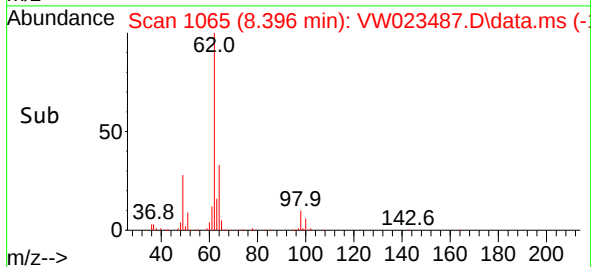
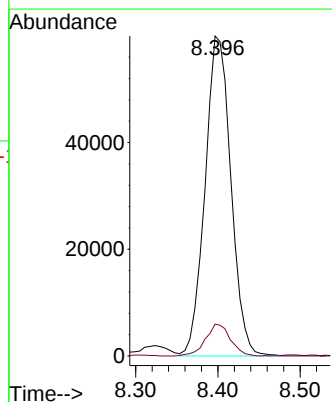
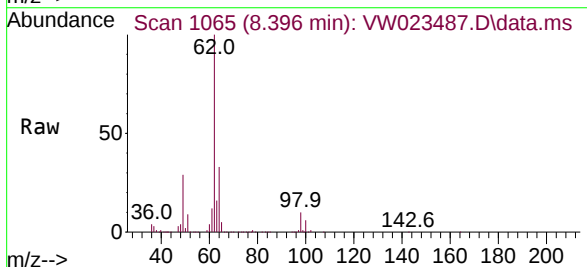
Acq: 14 Jun 2022 15:50

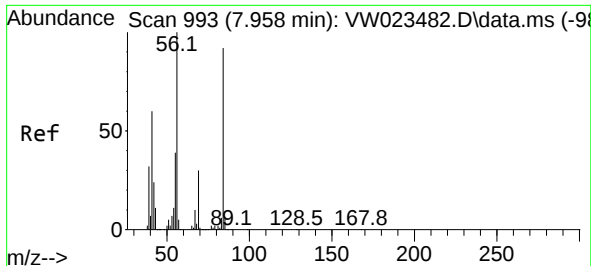
Tgt Ion: 62 Resp: 131043

Ion Ratio Lower Upper

62 100

98 9.9 7.2 10.8





#29

Cyclohexane

Concen: 22.812 ug/L

RT: 7.958 min Scan# 993

Delta R.T. -0.000 min

Lab File: VW023487.D

Acq: 14 Jun 2022 15:50

Instrument :

MSVOA_W

ClientSampleId :

VSTD025573

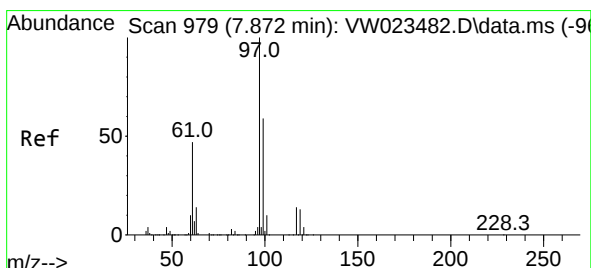
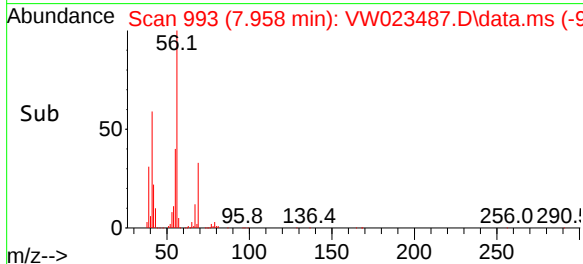
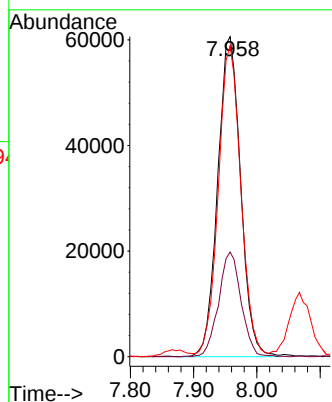
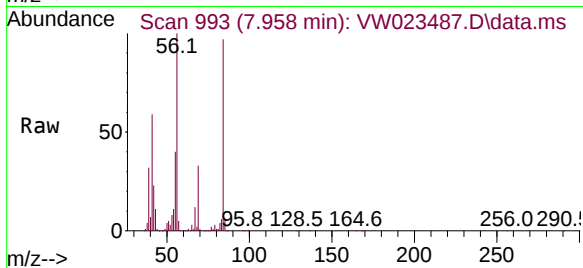
Tgt Ion: 56 Resp: 152050

Ion Ratio Lower Upper

56 100

69 32.1 25.6 38.4

84 95.4 78.2 117.4



#30

1,1,1-Trichloroethane

Concen: 22.949 ug/L

RT: 7.872 min Scan# 979

Delta R.T. -0.000 min

Lab File: VW023487.D

Acq: 14 Jun 2022 15:50

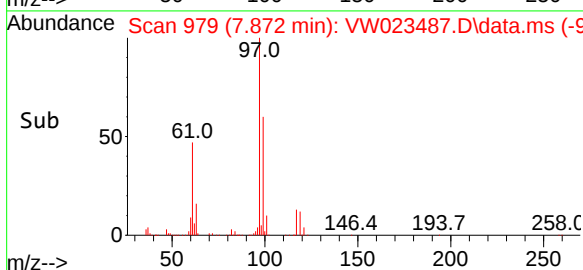
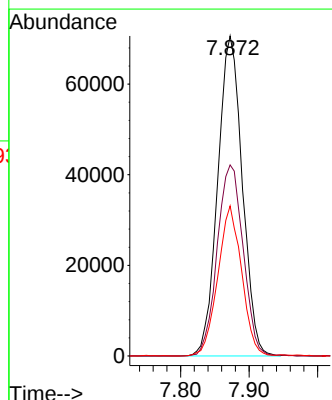
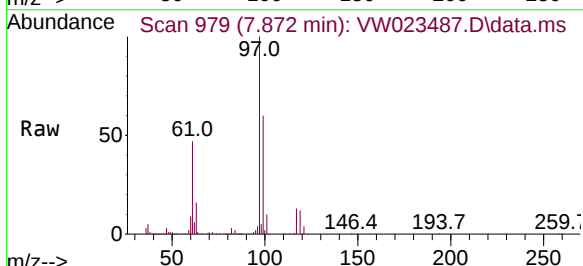
Tgt Ion: 97 Resp: 175796

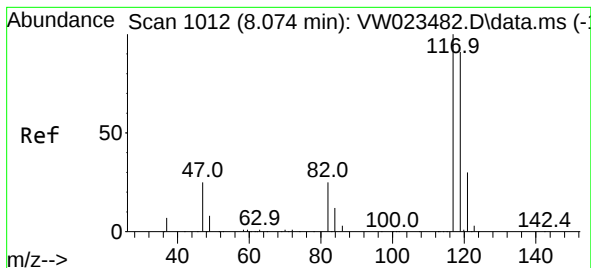
Ion Ratio Lower Upper

97 100

99 62.8 51.0 76.4

61 45.4 34.8 52.2

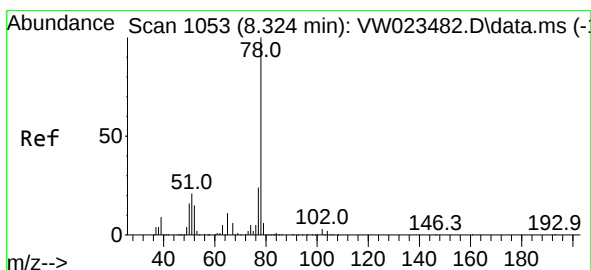
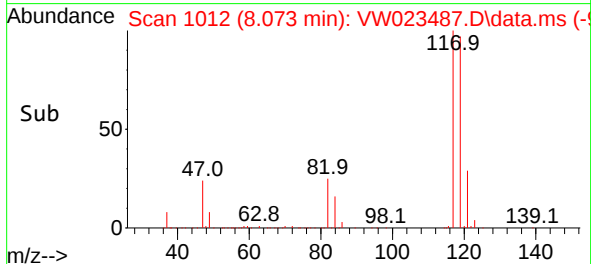
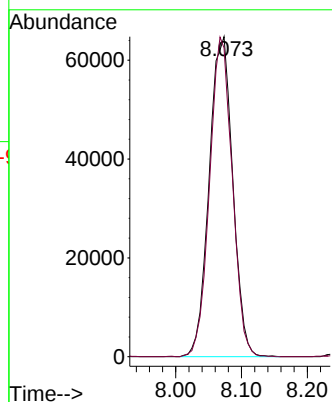
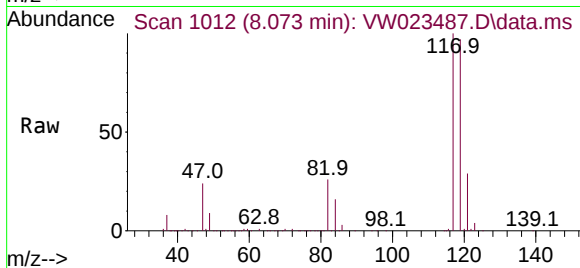




#31
Carbon tetrachloride
Concen: 22.929 ug/L
RT: 8.073 min Scan# 1012
Delta R.T. -0.000 min
Lab File: VW023487.D
Acq: 14 Jun 2022 15:50

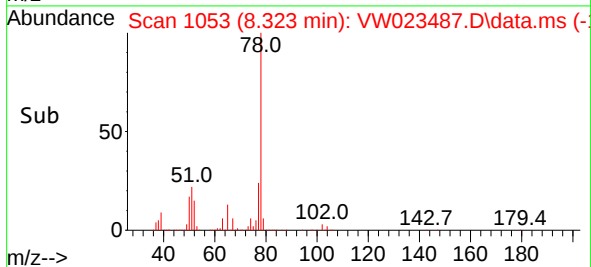
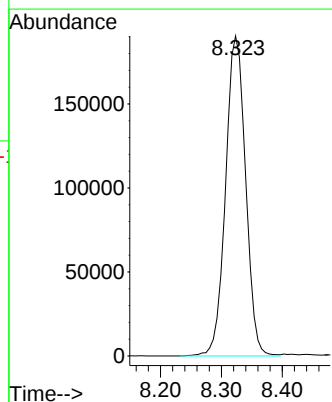
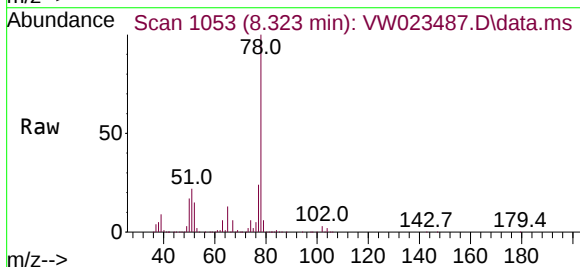
Instrument :
MSVOA_W
ClientSampleId :
VSTD025573

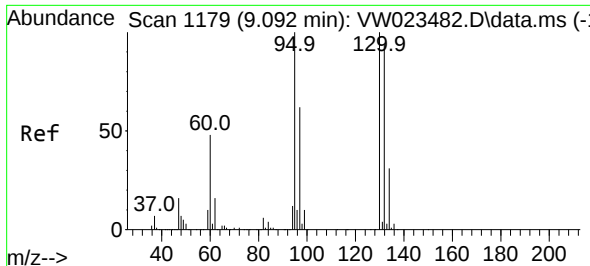
Tgt Ion:117 Resp: 161812
Ion Ratio Lower Upper
117 100
119 95.6 76.6 115.0



#33
Benzene
Concen: 22.744 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW023487.D
Acq: 14 Jun 2022 15:50

Tgt Ion: 78 Resp: 434806





#34

Trichloroethene

Concen: 22.049 ug/L

RT: 9.091 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VW023487.D

Acq: 14 Jun 2022 15:50

Instrument :

MSVOA_W

ClientSampleId :

VSTD025573

Tgt Ion: 95 Resp: 112981

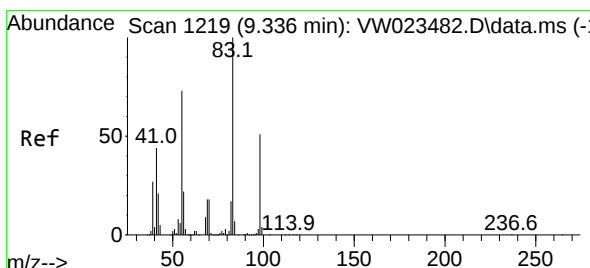
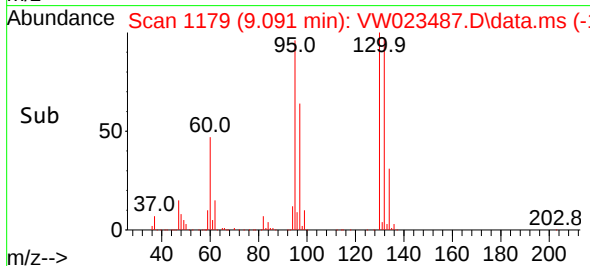
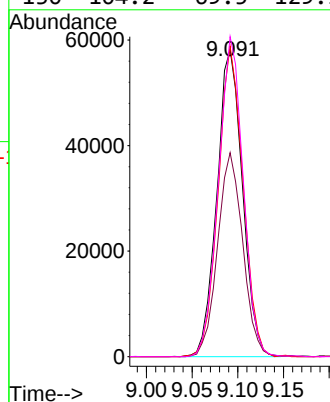
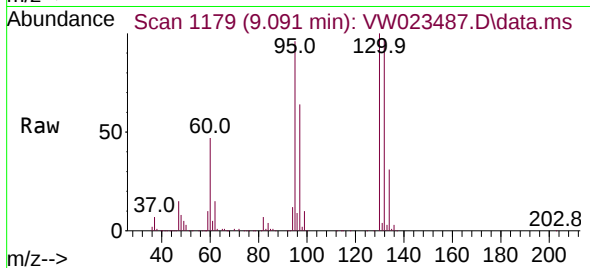
Ion Ratio Lower Upper

95 100

97 66.4 46.1 85.7

132 101.2 66.9 124.3

130 104.2 69.5 129.1



#35

Methylcyclohexane

Concen: 22.673 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VW023487.D

Acq: 14 Jun 2022 15:50

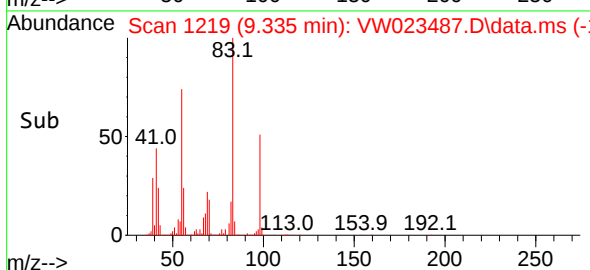
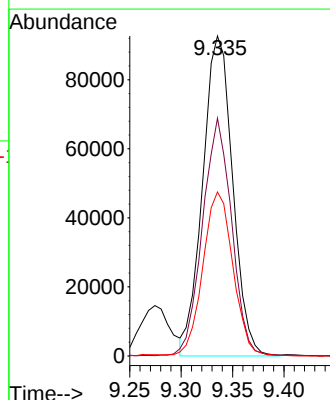
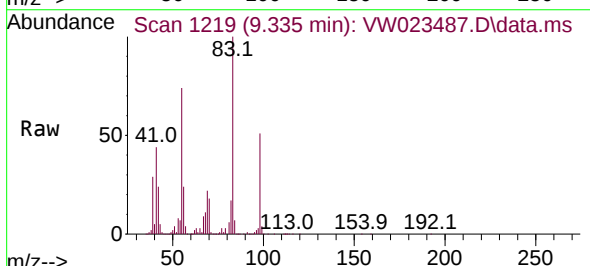
Tgt Ion: 83 Resp: 188088

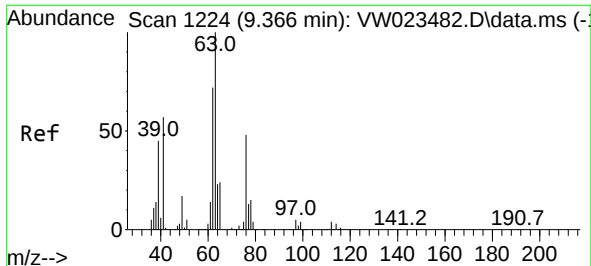
Ion Ratio Lower Upper

83 100

55 72.3 55.1 82.7

98 51.4 40.4 60.6





#37

1,2-Dichloropropane

Concen: 22.428 ug/L

RT: 9.366 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW023487.D

Acq: 14 Jun 2022 15:50

Instrument :

MSVOA_W

ClientSampleId :

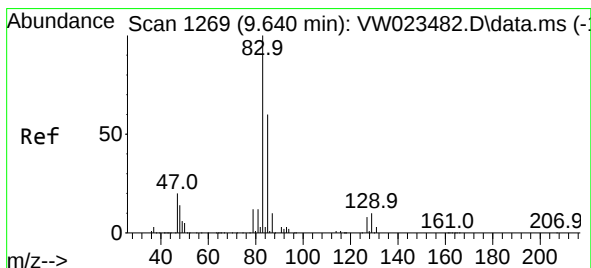
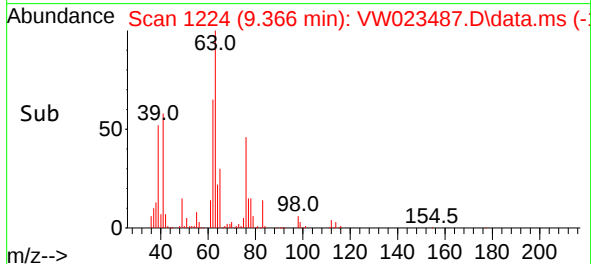
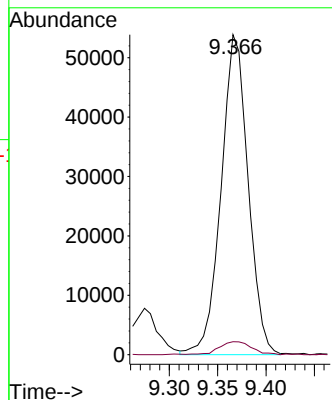
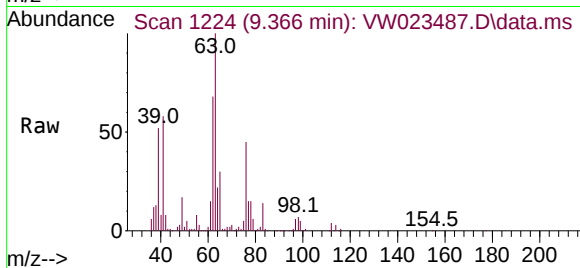
VSTD025573

Tgt Ion: 63 Resp: 104779

Ion Ratio Lower Upper

63 100

112 4.9 3.8 5.8



#38

Bromodichloromethane

Concen: 22.885 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.006 min

Lab File: VW023487.D

Acq: 14 Jun 2022 15:50

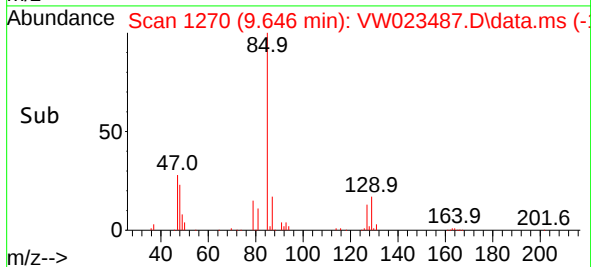
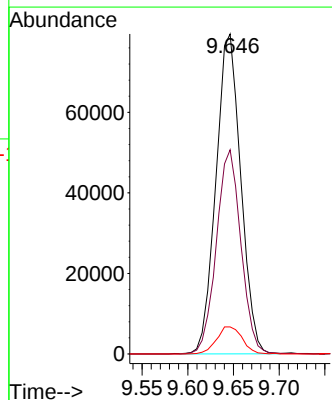
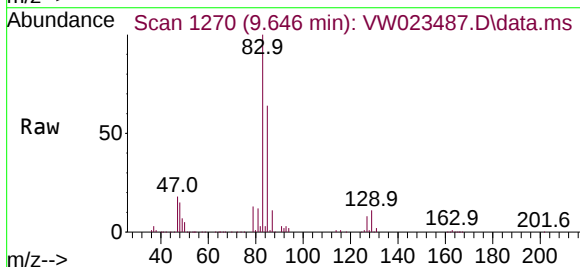
Tgt Ion: 83 Resp: 150373

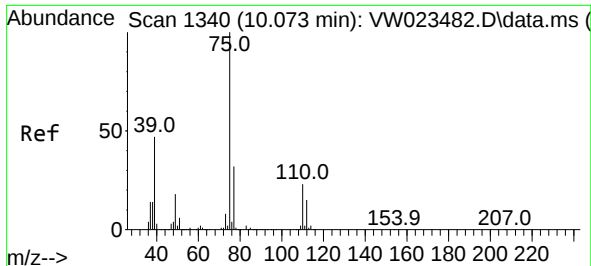
Ion Ratio Lower Upper

83 100

85 63.8 43.5 80.7

127 8.5 7.1 10.7





#39

cis-1,3-Dichloropropene

Concen: 23.188 ug/L

RT: 10.073 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW023487.D

Acq: 14 Jun 2022 15:50

Instrument :

MSVOA_W

ClientSampleId :

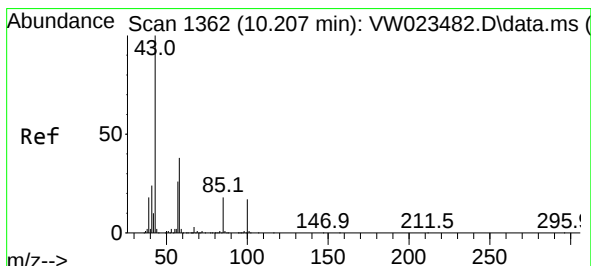
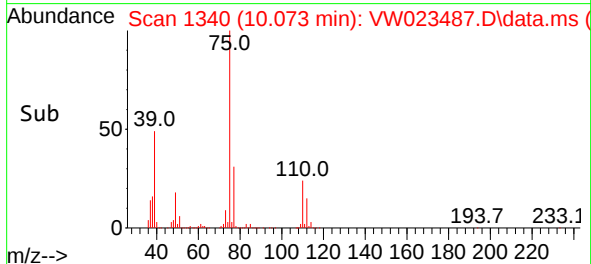
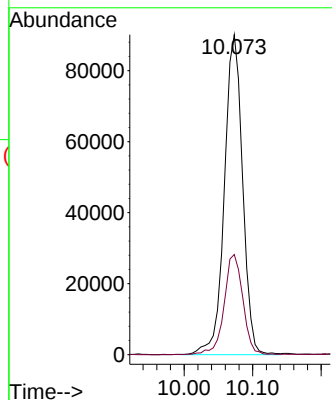
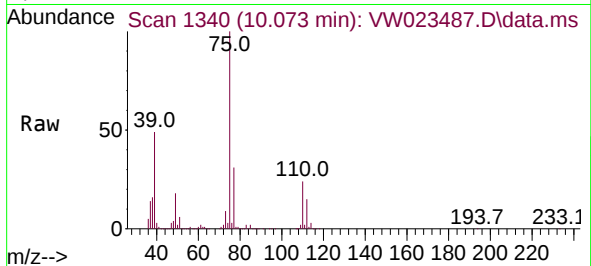
VSTD025573

Tgt Ion: 75 Resp: 166003

Ion Ratio Lower Upper

75 100

77 31.3 22.1 41.1



#40

4-Methyl-2-pentanone

Concen: 51.099 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VW023487.D

Acq: 14 Jun 2022 15:50

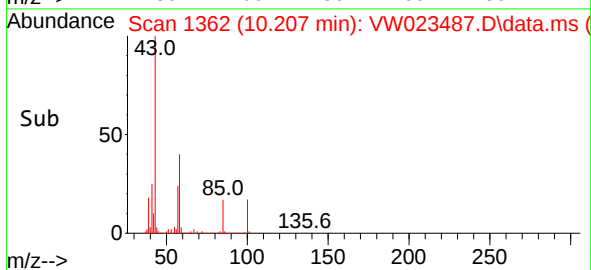
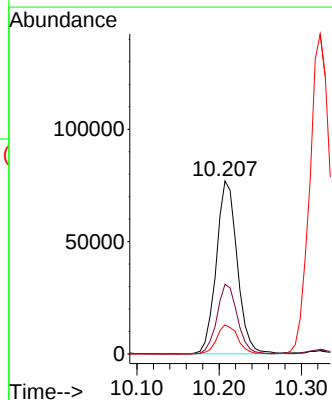
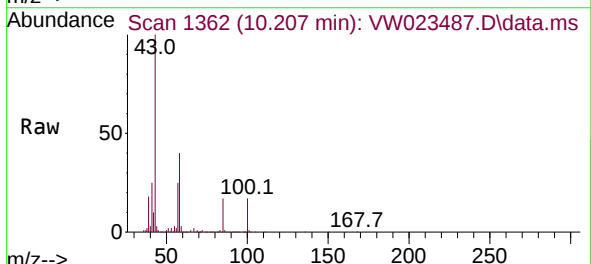
Tgt Ion: 43 Resp: 136161

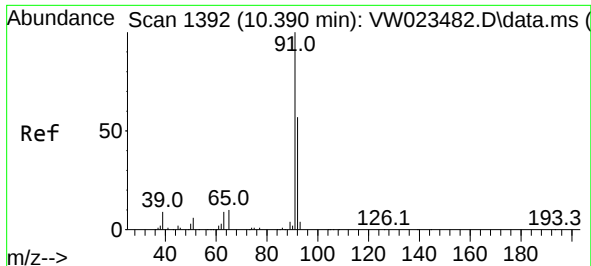
Ion Ratio Lower Upper

43 100

58 39.4 31.4 47.2

100 17.0 14.2 21.4

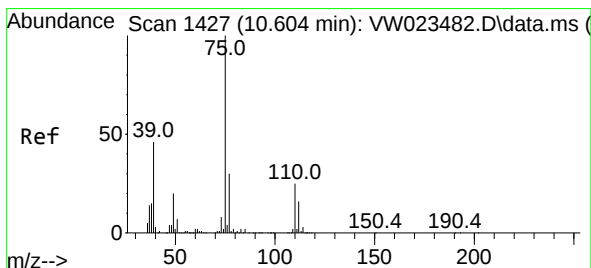
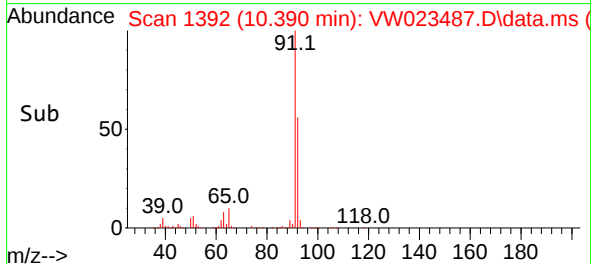
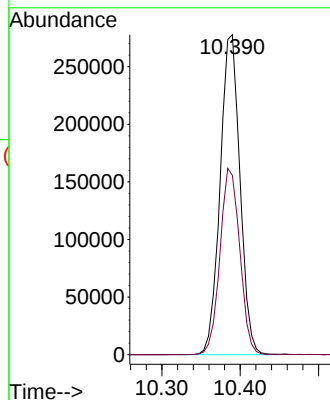
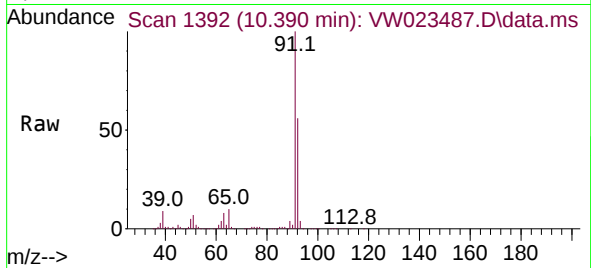




#42
Toluene
Concen: 22.947 ug/L
RT: 10.390 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW023487.D
Acq: 14 Jun 2022 15:50

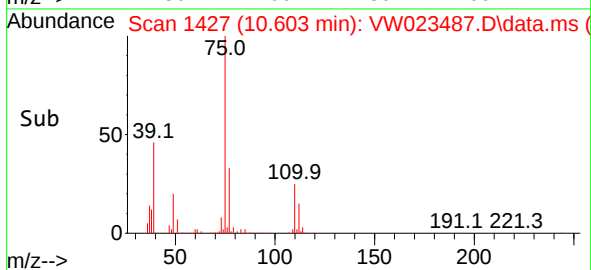
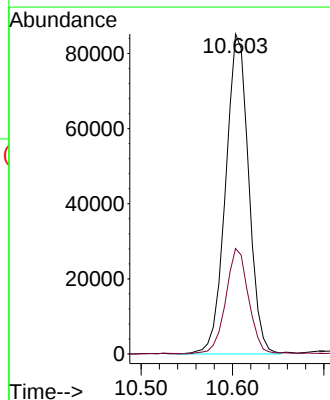
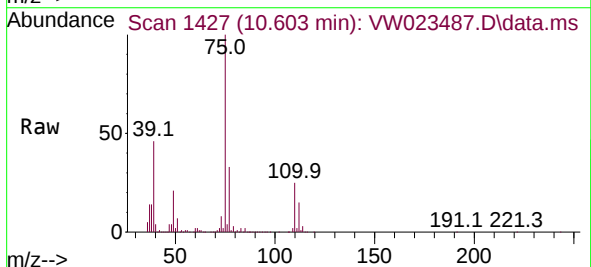
Instrument :
MSVOA_W
ClientSampleId :
VSTD025573

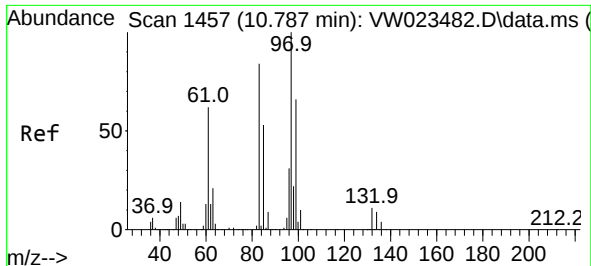
Tgt Ion: 91 Resp: 490124
Ion Ratio Lower Upper
91 100
92 56.0 41.6 77.2



#44
trans-1,3-Dichloropropene
Concen: 23.112 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW023487.D
Acq: 14 Jun 2022 15:50

Tgt Ion: 75 Resp: 149301
Ion Ratio Lower Upper
75 100
77 32.9 22.0 40.8

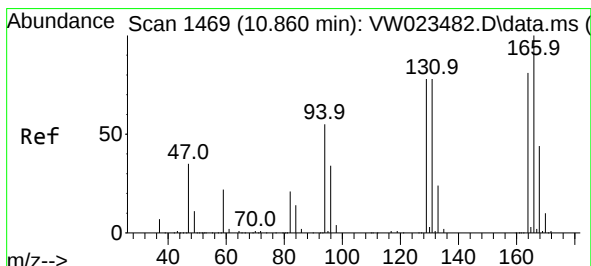
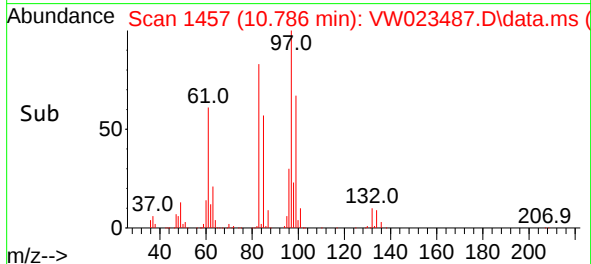
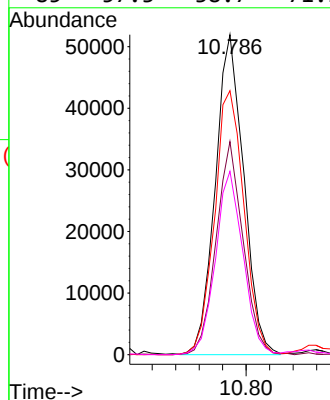
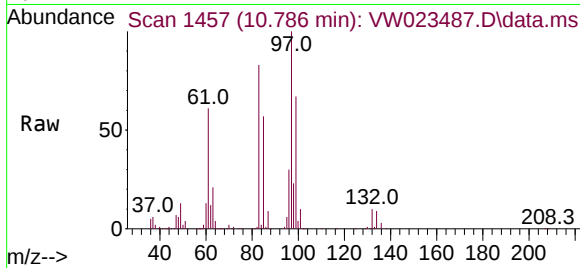




#45
1,1,2-Trichloroethane
Concen: 22.763 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW023487.D
Acq: 14 Jun 2022 15:50

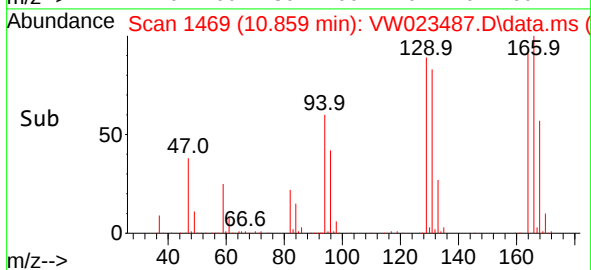
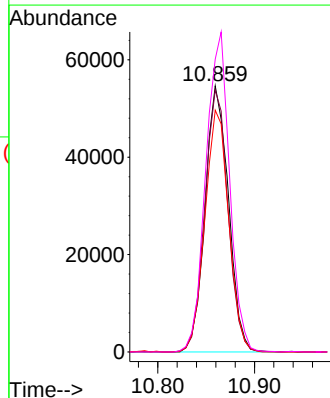
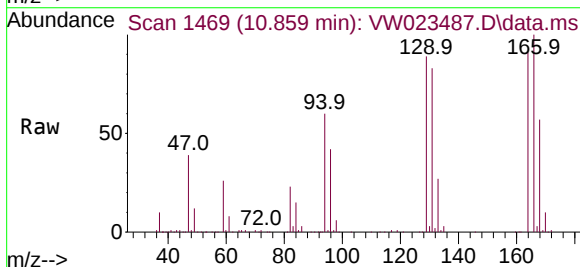
Instrument :
MSVOA_W
ClientSampleId :
VSTD025573

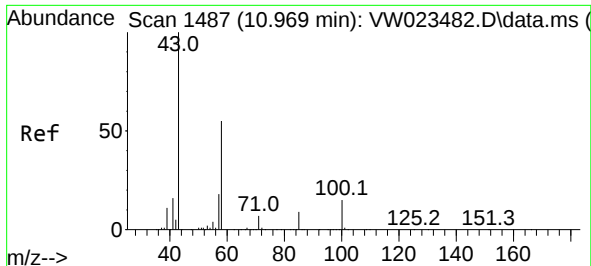
Tgt Ion: 97	Resp: 87355
Ion Ratio	Lower Upper
97 100	
99 66.6	44.7 82.9
83 82.5	58.4 108.4
85 57.3	38.7 71.9



#46
Tetrachloroethene
Concen: 23.218 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. -0.000 min
Lab File: VW023487.D
Acq: 14 Jun 2022 15:50

Tgt	Ion:164	Resp:	91843
Ion	Ratio	Lower	Upper
164	100		
129	98.4	76.9	142.7
131	90.9	75.1	139.5
166	110.0	96.0	178.2

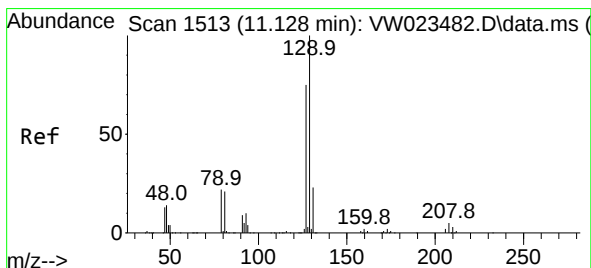
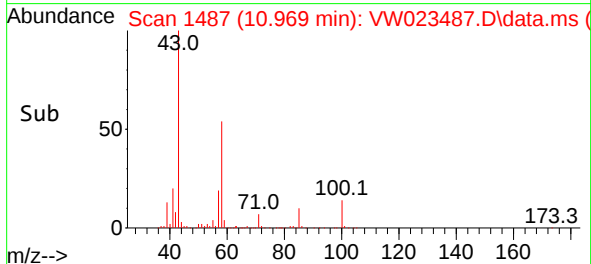
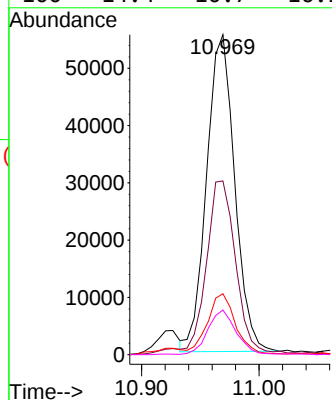
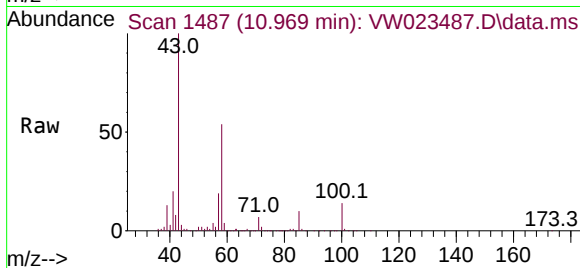




#48
2-Hexanone
Concen: 51.095 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW023487.D
Acq: 14 Jun 2022 15:50

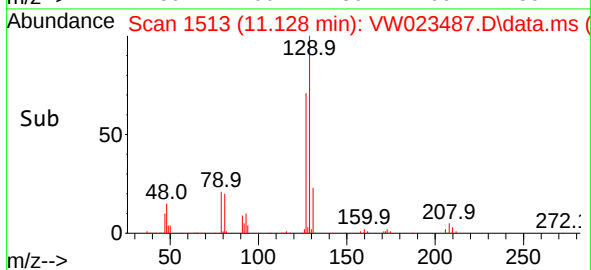
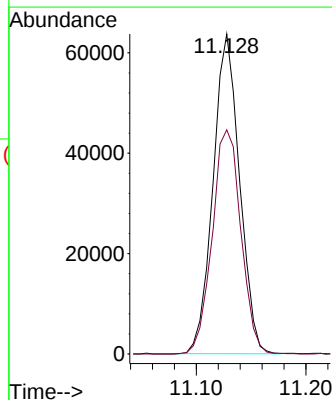
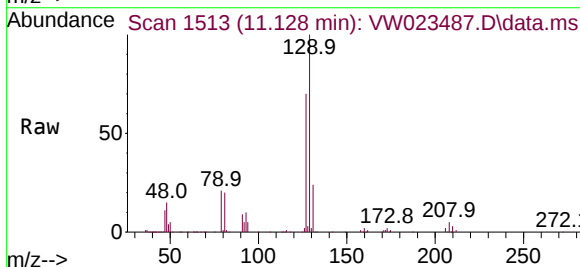
Instrument :
MSVOA_W
ClientSampleId :
VSTD025573

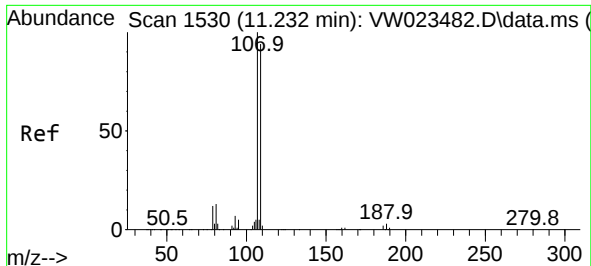
Tgt Ion:	43	Resp:	92011
Ion	Ratio	Lower	Upper
43	100		
58	56.7	45.9	68.9
57	19.1	16.2	24.2
100	14.4	10.7	16.1



#49
Dibromochloromethane
Concen: 23.779 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW023487.D
Acq: 14 Jun 2022 15:50

Tgt Ion:	129	Resp:	106871
Ion	Ratio	Lower	Upper
129	100		
127	70.1	53.8	100.0

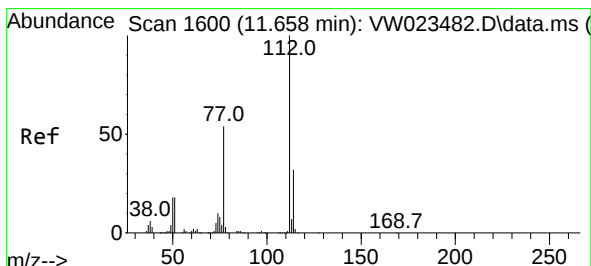
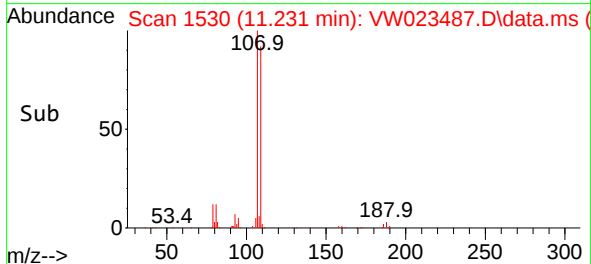
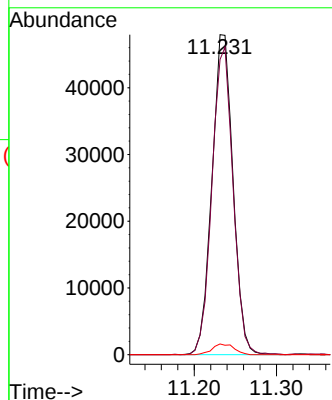
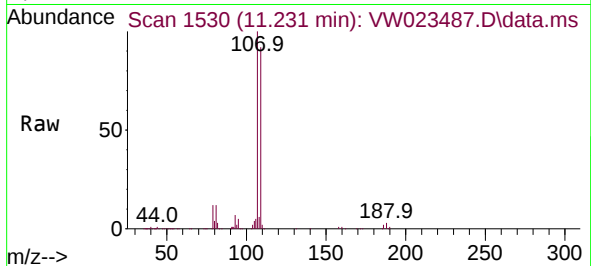




#50
1,2-Dibromoethane
Concen: 23.777 ug/L
RT: 11.231 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW023487.D
Acq: 14 Jun 2022 15:50

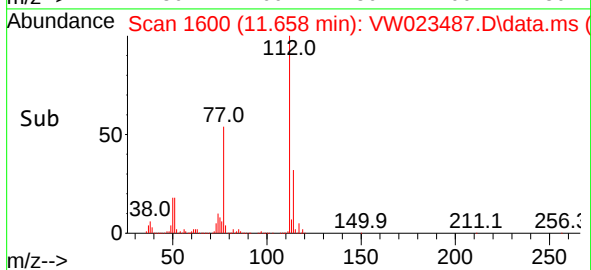
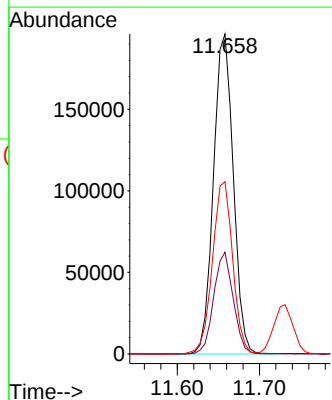
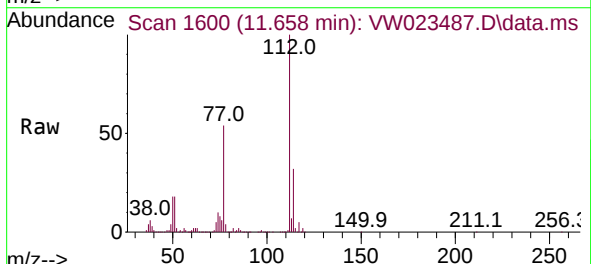
Instrument :
MSVOA_W
ClientSampleId :
VSTD025573

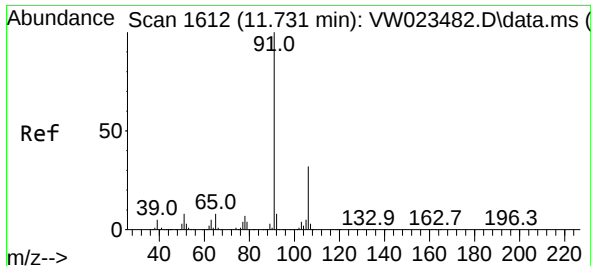
Tgt Ion:107 Resp: 85297
Ion Ratio Lower Upper
107 100
109 92.2 67.5 125.4
188 3.3 2.9 4.3



#51
Chlorobenzene
Concen: 22.780 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VW023487.D
Acq: 14 Jun 2022 15:50

Tgt Ion:112 Resp: 328366
Ion Ratio Lower Upper
112 100
114 31.8 22.0 41.0
77 53.9 42.6 63.8

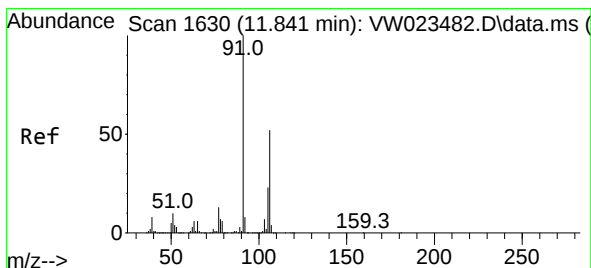
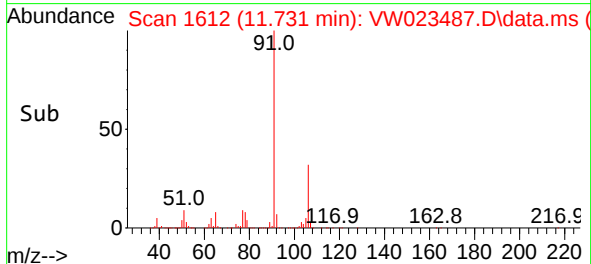
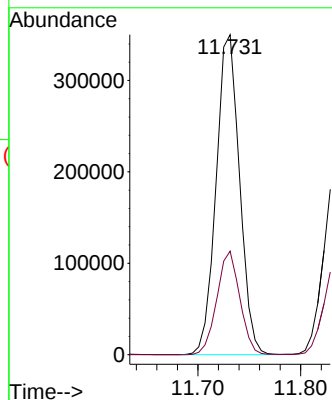
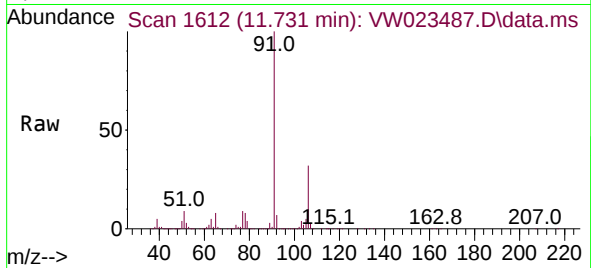




#52
Ethylbenzene
Concen: 22.803 ug/L
RT: 11.731 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW023487.D
Acq: 14 Jun 2022 15:50

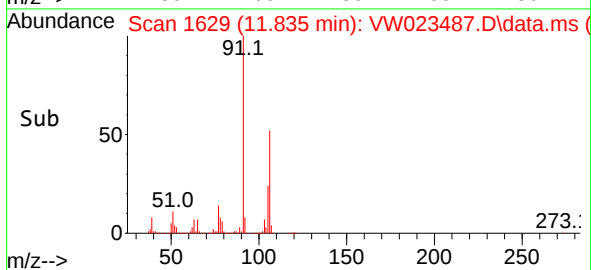
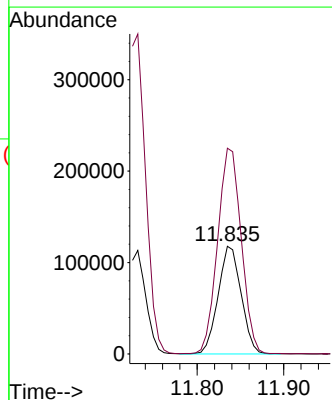
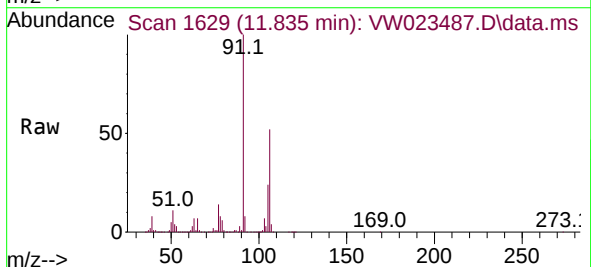
Instrument :
MSVOA_W
ClientSampleId :
VSTD025573

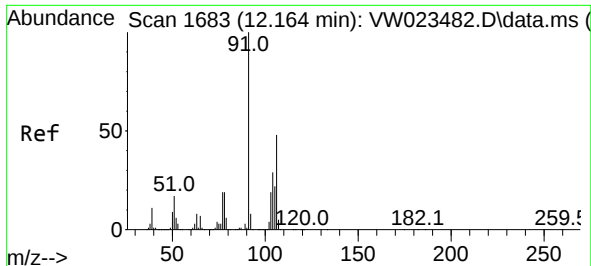
Tgt Ion: 91 Resp: 553546
Ion Ratio Lower Upper
91 100
106 32.3 22.3 41.3



#53
m,p-Xylene
Concen: 23.019 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VW023487.D
Acq: 14 Jun 2022 15:50

Tgt Ion:106 Resp: 217476
Ion Ratio Lower Upper
106 100
91 190.9 136.8 254.0

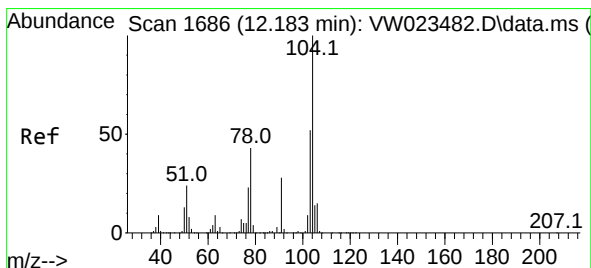
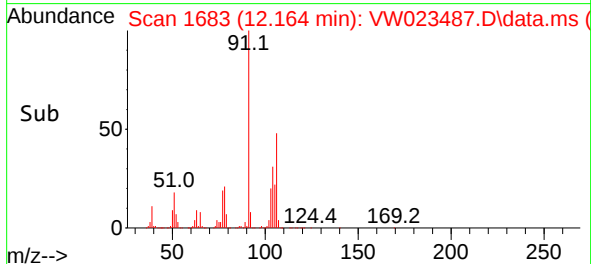
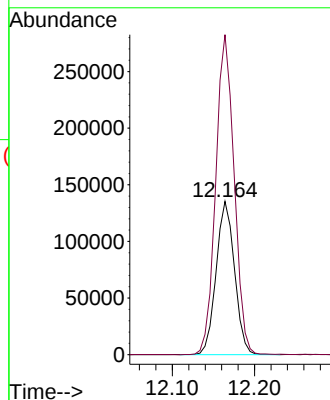
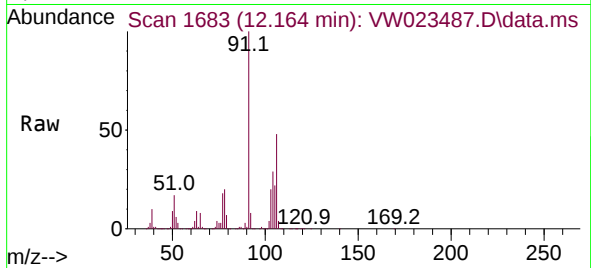




#54
o-Xylene
Concen: 23.296 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW023487.D
Acq: 14 Jun 2022 15:50

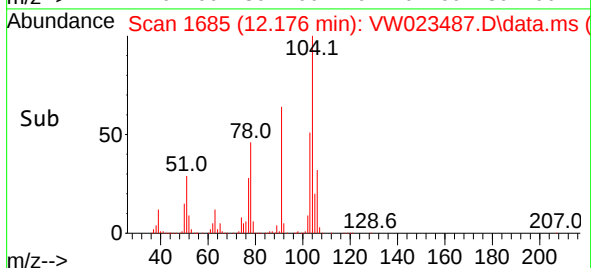
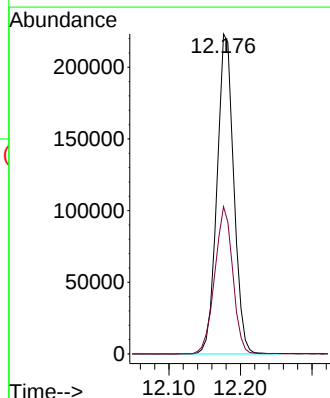
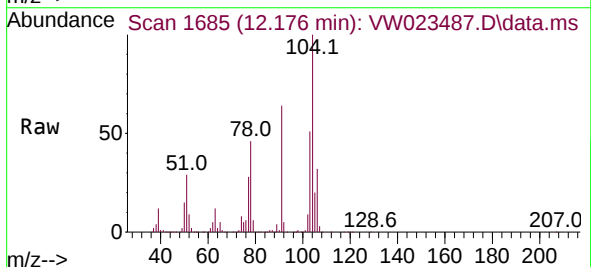
Instrument :
MSVOA_W
ClientSampleId :
VSTD025573

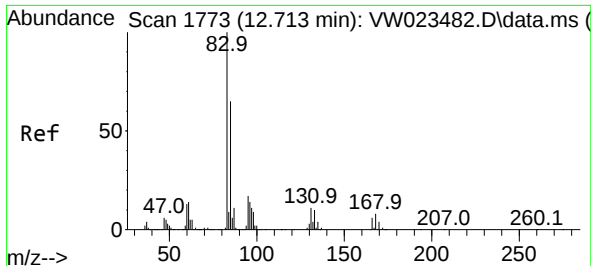
Tgt Ion:106 Resp: 210328
Ion Ratio Lower Upper
106 100
91 208.8 147.2 273.4



#55
Styrene
Concen: 23.188 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. -0.006 min
Lab File: VW023487.D
Acq: 14 Jun 2022 15:50

Tgt Ion:104 Resp: 364011
Ion Ratio Lower Upper
104 100
78 46.0 32.3 59.9





#57

1,1,2,2-Tetrachloroethane

Concen: 24.059 ug/L

RT: 12.713 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW023487.D

Acq: 14 Jun 2022 15:50

Instrument :

MSVOA_W

ClientSampleId :

VSTD025573

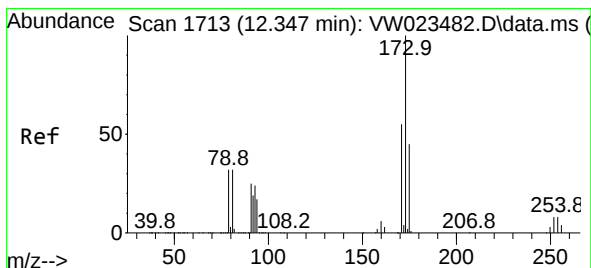
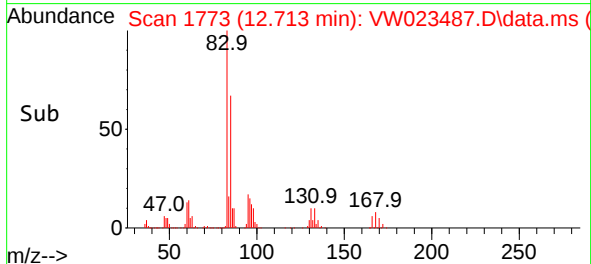
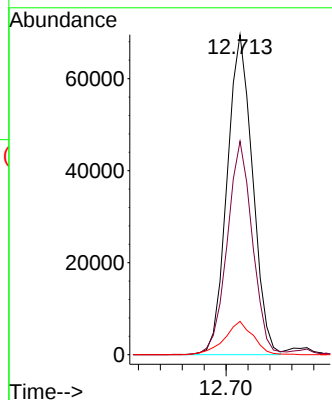
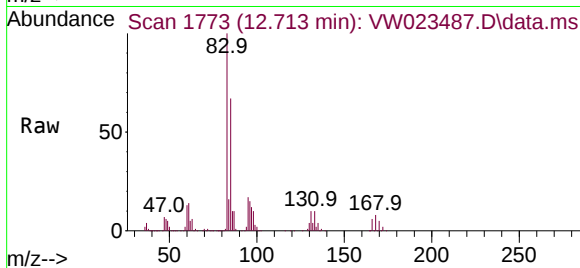
Tgt Ion: 83 Resp: 112121

Ion Ratio Lower Upper

83 100

85 66.7 47.5 88.1

131 10.4 8.7 13.1



#59

Bromoform

Concen: 22.487 ug/L

RT: 12.353 min Scan# 1714

Delta R.T. 0.006 min

Lab File: VW023487.D

Acq: 14 Jun 2022 15:50

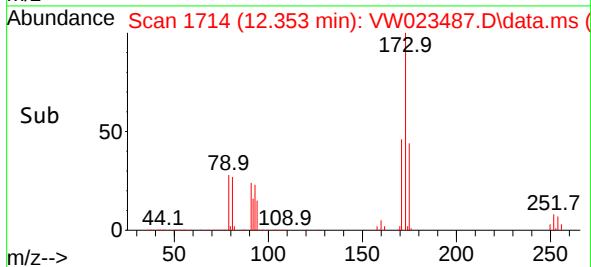
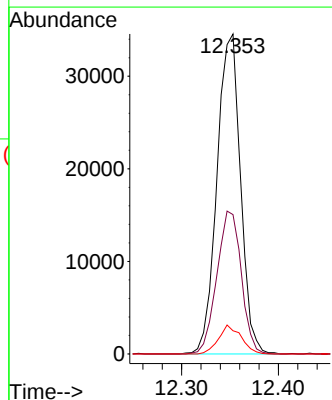
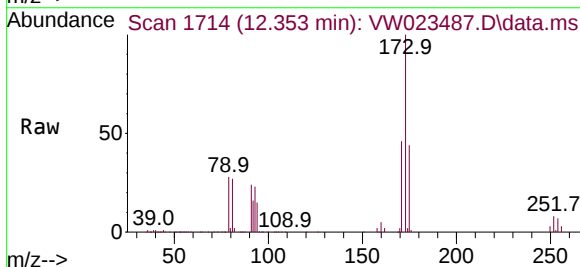
Tgt Ion:173 Resp: 58375

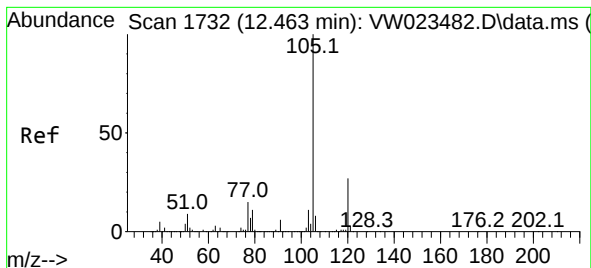
Ion Ratio Lower Upper

173 100

175 46.3 38.1 57.1

254 8.7 6.5 9.7

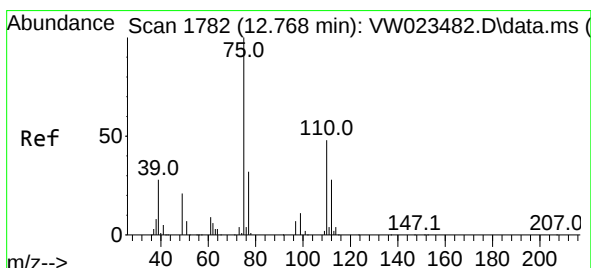
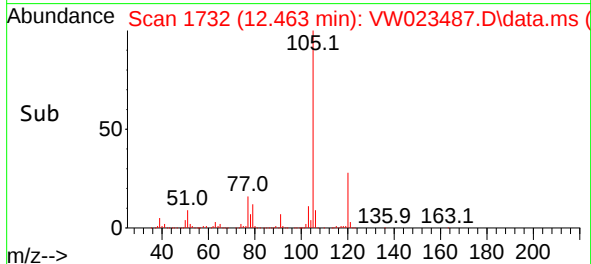
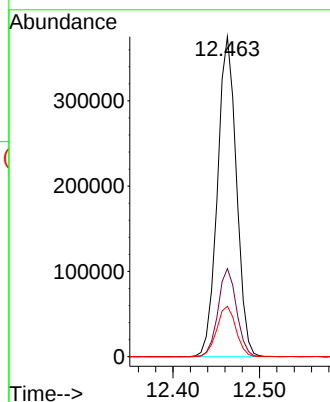
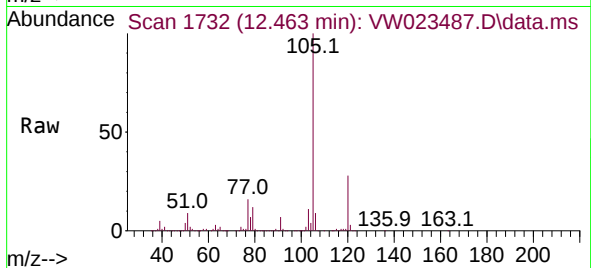




#60
Isopropylbenzene
Concen: 21.814 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW023487.D
Acq: 14 Jun 2022 15:50

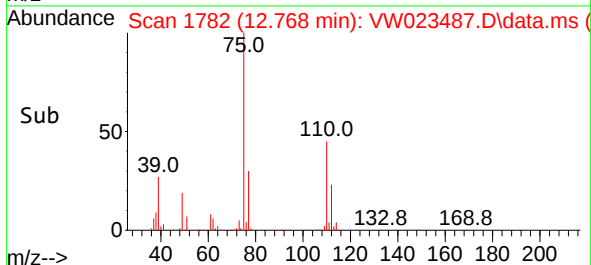
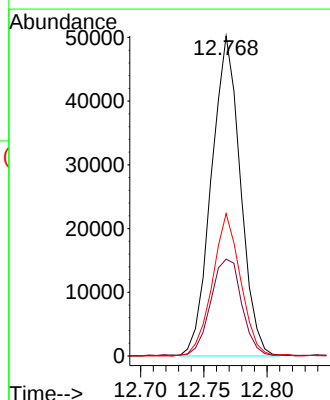
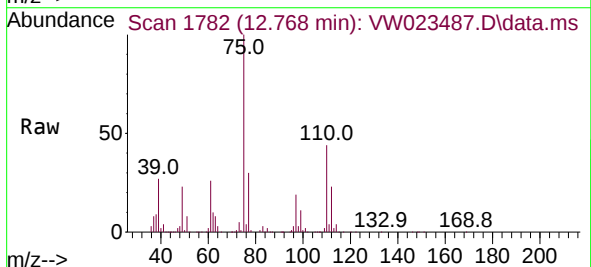
Instrument :
MSVOA_W
ClientSampleId :
VSTD025573

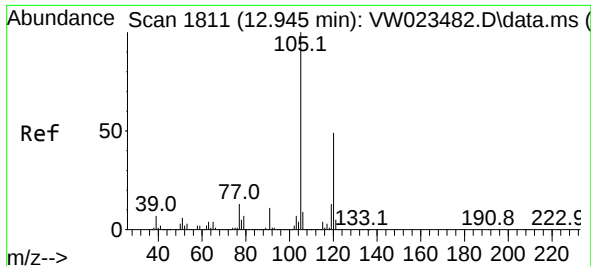
Tgt Ion:105 Resp: 570245
Ion Ratio Lower Upper
105 100
120 26.8 21.3 31.9
77 16.0 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 23.035 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW023487.D
Acq: 14 Jun 2022 15:50

Tgt Ion: 75 Resp: 80045
Ion Ratio Lower Upper
75 100
77 32.6 26.2 39.2
110 43.0 34.1 51.1

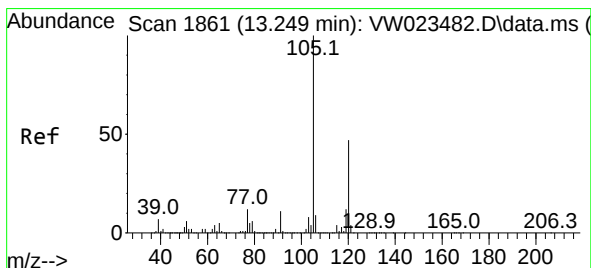
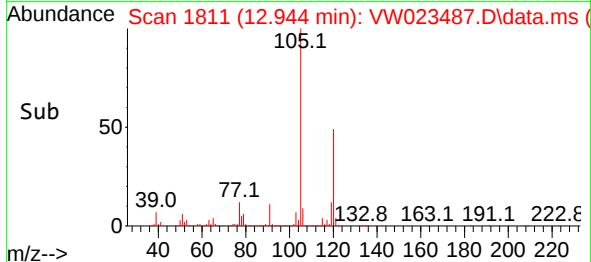
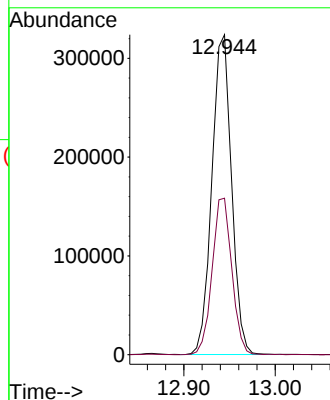
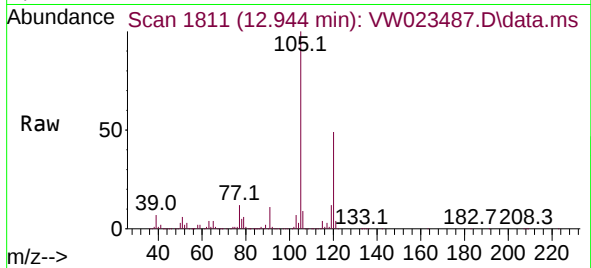




#62
1,3,5-Trimethylbenzene
Concen: 22.606 ug/L
RT: 12.944 min Scan# 1811
Delta R.T. -0.000 min
Lab File: VW023487.D
Acq: 14 Jun 2022 15:50

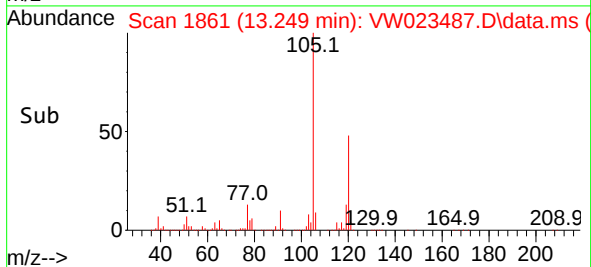
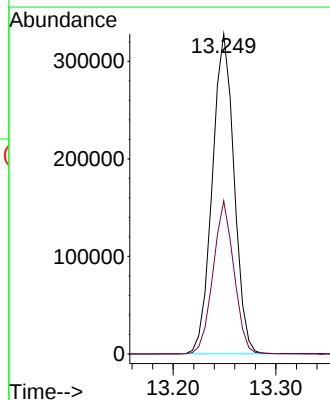
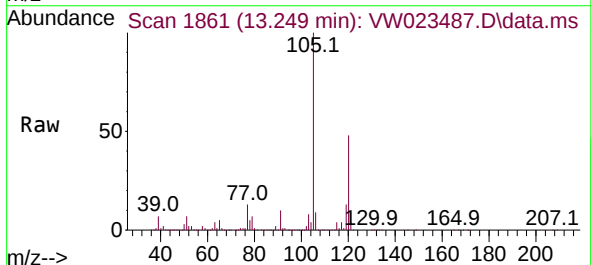
Instrument :
MSVOA_W
ClientSampleId :
VSTD025573

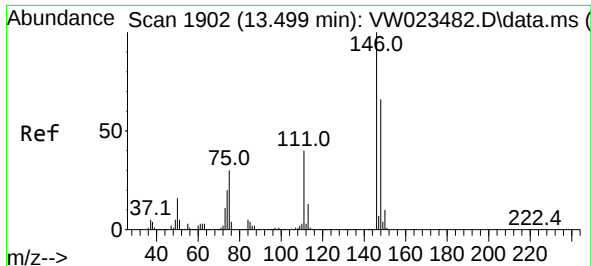
Tgt Ion:105 Resp: 483327
Ion Ratio Lower Upper
105 100
120 49.1 38.9 58.3



#63
1,2,4-Trimethylbenzene
Concen: 22.529 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW023487.D
Acq: 14 Jun 2022 15:50

Tgt Ion:105 Resp: 482028
Ion Ratio Lower Upper
105 100
120 45.9 37.4 56.2

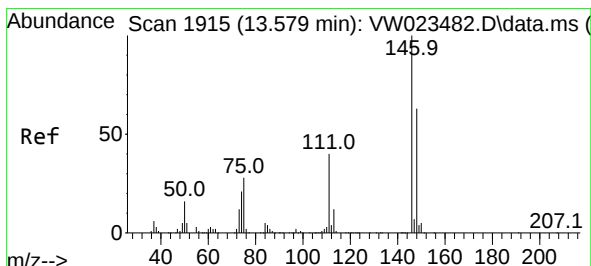
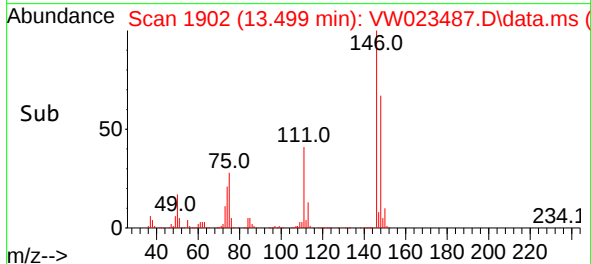
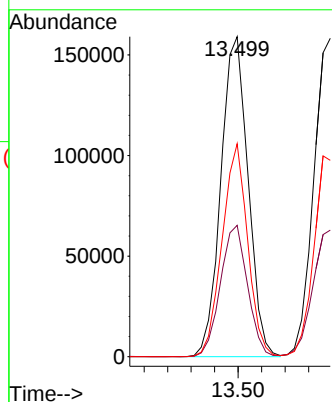
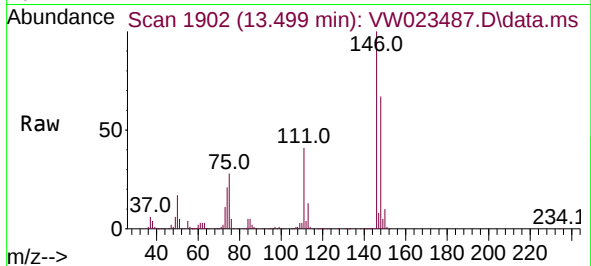




#64
1,3-Dichlorobenzene
Concen: 22.074 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. -0.000 min
Lab File: VW023487.D
Acq: 14 Jun 2022 15:50

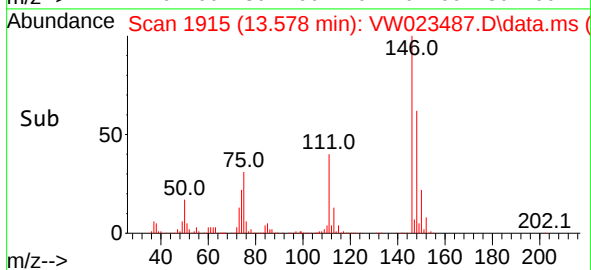
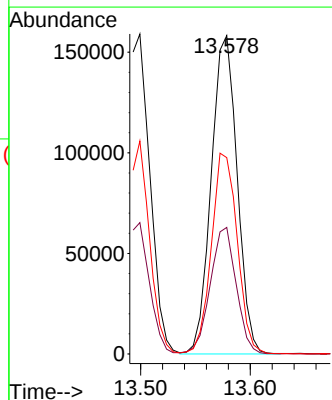
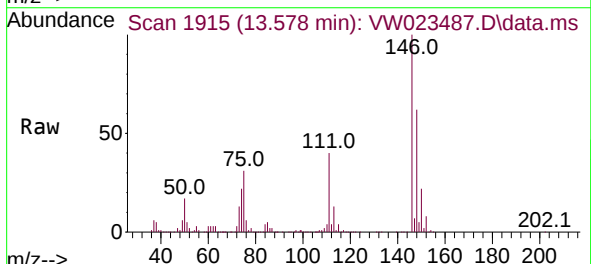
Instrument :
MSVOA_W
ClientSampleId :
VSTD025573

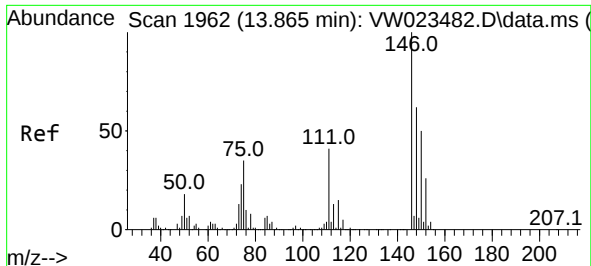
Tgt Ion:146 Resp: 255998
Ion Ratio Lower Upper
146 100
111 41.0 29.5 54.9
148 66.6 48.6 90.2



#65
1,4-Dichlorobenzene
Concen: 22.005 ug/L
RT: 13.578 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VW023487.D
Acq: 14 Jun 2022 15:50

Tgt Ion:146 Resp: 260583
Ion Ratio Lower Upper
146 100
111 39.7 27.2 50.4
148 61.6 44.0 81.6





#67

1,2-Dichlorobenzene

Concen: 22.864 ug/L

RT: 13.871 min Scan# 1962

Delta R.T. 0.006 min

Lab File: VW023487.D

Acq: 14 Jun 2022 15:50

Instrument :

MSVOA_W

ClientSampleId :

VSTD025573

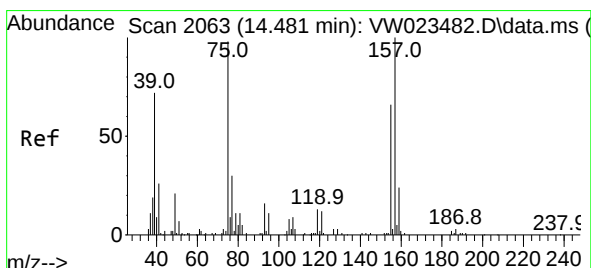
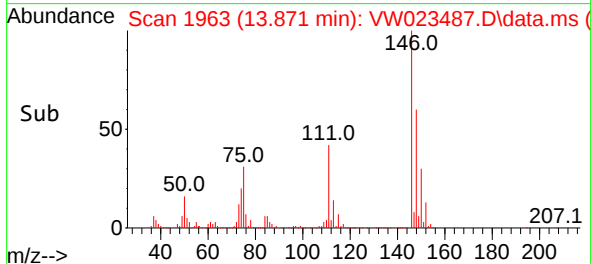
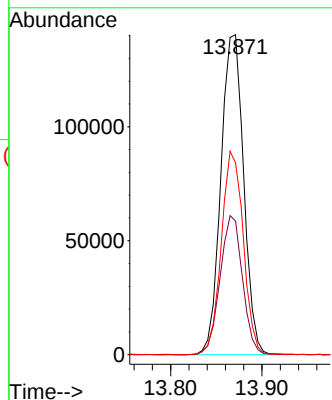
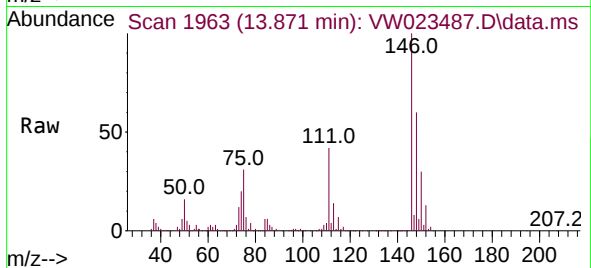
Tgt Ion:146 Resp: 242863

Ion Ratio Lower Upper

146 100

111 41.8 35.7 53.5

148 60.0 52.6 79.0



#68

1,2-Dibromo-3-chloropropane

Concen: 23.603 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW023487.D

Acq: 14 Jun 2022 15:50

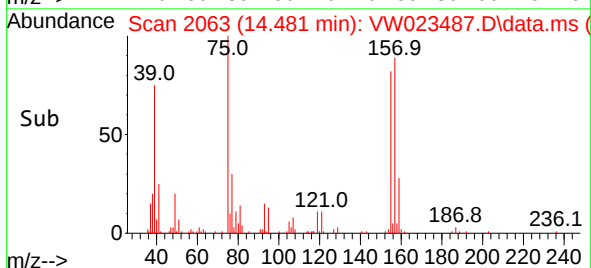
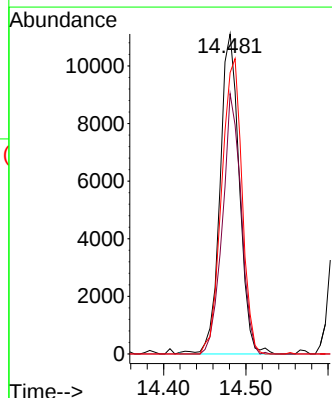
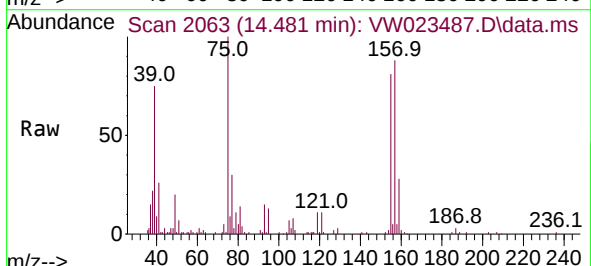
Tgt Ion: 75 Resp: 18111

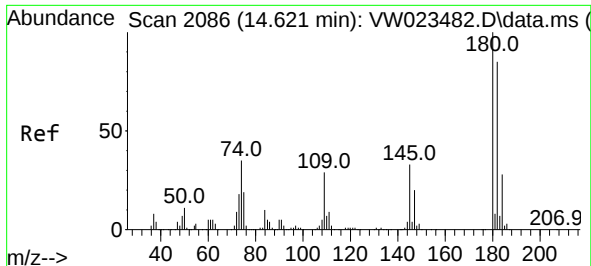
Ion Ratio Lower Upper

75 100

155 81.3 59.3 88.9

157 87.9 89.8 134.8#

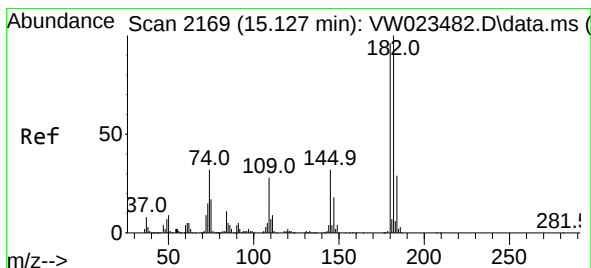
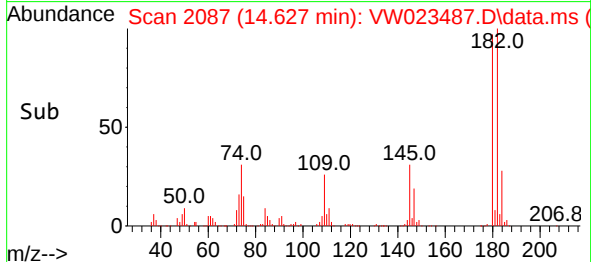
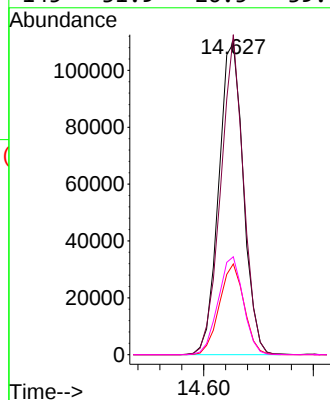
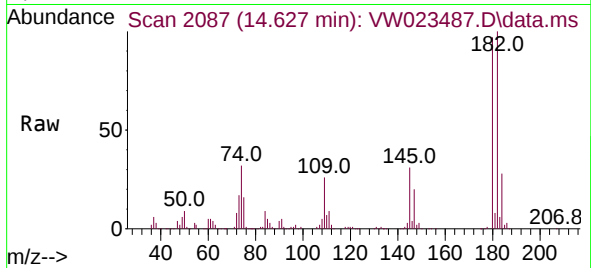




#69
 1,3,5-Trichlorobenzene
 Concen: 22.626 ug/L
 RT: 14.627 min Scan# 2086
 Delta R.T. 0.006 min
 Lab File: VW023487.D
 Acq: 14 Jun 2022 15:50

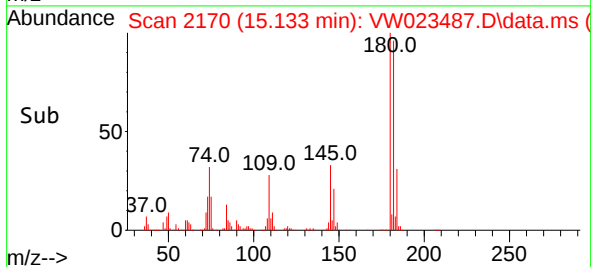
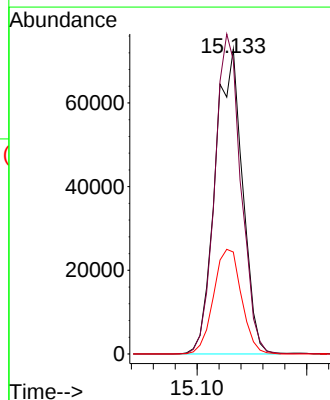
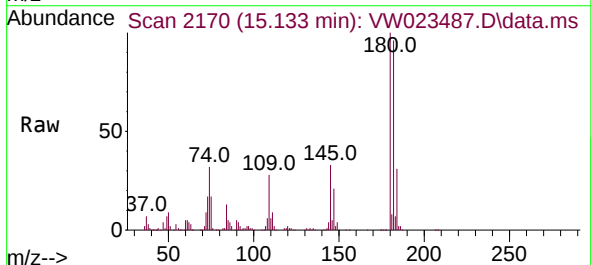
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025573

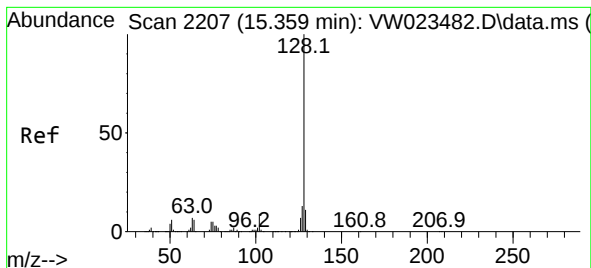
Tgt Ion:	180	Resp:	171459
Ion Ratio	Lower	Upper	
180	100		
182	94.7	74.8	112.2
184	29.1	23.4	35.2
145	31.9	26.5	39.7



#70
 1,2,4-trichlorobenzene
 Concen: 21.422 ug/L
 RT: 15.133 min Scan# 2170
 Delta R.T. 0.006 min
 Lab File: VW023487.D
 Acq: 14 Jun 2022 15:50

Tgt Ion:	180	Resp:	126404
Ion Ratio	Lower	Upper	
180	100		
182	100.2	74.9	112.3
145	35.1	26.6	39.8





#71

Naphthalene

Concen: 24.192 ug/L

RT: 15.359 min Scan# 21

Delta R.T. -0.000 min

Lab File: VW023487.D

Acq: 14 Jun 2022 15:50

Instrument :

MSVOA_W

ClientSampleId :

VSTD025573

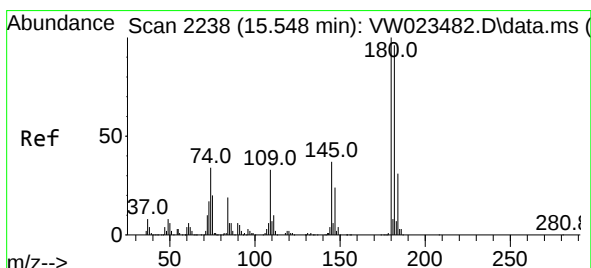
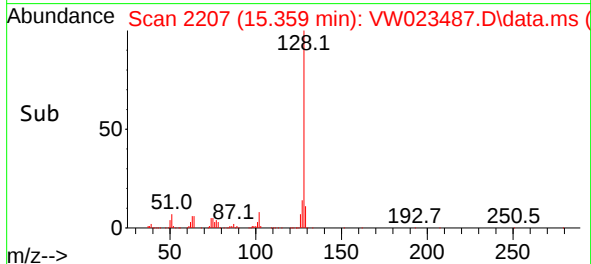
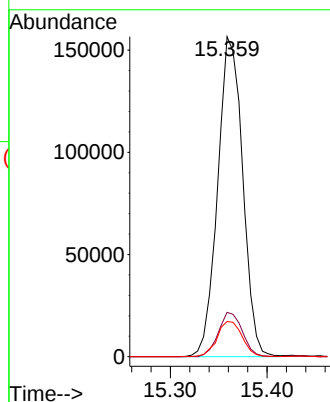
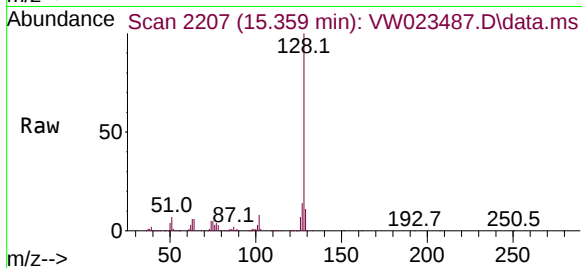
Tgt Ion:128 Resp: 280815

Ion Ratio Lower Upper

128 100

127 13.3 10.6 16.0

129 11.1 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 24.154 ug/L

RT: 15.548 min Scan# 2238

Delta R.T. -0.000 min

Lab File: VW023487.D

Acq: 14 Jun 2022 15:50

Tgt Ion:180 Resp: 123903

Ion Ratio Lower Upper

180 100

182 95.2 73.5 110.3

145 33.5 27.9 41.9

