

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062422\
 Data File : VW023519.D
 Acq On : 24 Jun 2022 14:34
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025581

Quant Time: Jun 24 23:31:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM061022SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 24 23:29:48 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	363502	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	331452	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	182806	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	104086	18.024	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.080%
7) Chloroethane-d5	2.885	69	91472	21.548	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.200%
11) 1,1-Dichloroethene-d2	4.019	63	169773	21.062	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	84.240%
21) 2-Butanone-d5	7.074	46	56561	47.970	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.940%
24) Chloroform-d	7.647	84	224952	22.481	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.920%
26) 1,2-Dichloroethane-d4	8.305	65	114181	21.187	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	84.760%
32) Benzene-d6	8.275	84	398049	22.649	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.600%
36) 1,2-Dichloropropane-d6	9.274	67	123777	23.906	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.640%
41) Toluene-d8	10.323	98	389279	22.678	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.720%
43) trans-1,3-Dichloroprop...	10.579	79	52974	22.416	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.680%
47) 2-Hexanone-d5	10.921	63	45667	55.196	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.400%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	118779	24.562	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.240%
66) 1,2-Dichlorobenzene-d4	13.853	152	154669	23.437	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.760%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	55599	41.948	ug/L	92
3) Chloromethane	2.215	50	117399	26.777	ug/L	99
5) Vinyl chloride	2.361	62	175208	25.641	ug/L	98
6) Bromomethane	2.776	94	89509	23.144	ug/L	93
8) Chloroethane	2.922	64	98130	27.109	ug/L	98
9) Trichlorofluoromethane	3.257	101	84424	27.394	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	123703	27.842	ug/L	98
12) 1,1-Dichloroethene	4.038	96	102012	25.773	ug/L	96
13) Acetone	4.123	43	37040	43.602	ug/L	99
14) Carbon disulfide	4.385	76	274529	22.547	ug/L	99
15) Methyl Acetate	4.672	43	46714	24.630	ug/L	95
16) Methylene chloride	4.916	84	120810	24.557	ug/L	96
17) trans-1,2-Dichloroethene	5.428	96	118191	25.221	ug/L	99
18) Methyl tert-butyl Ether	5.434	73	185581	26.311	ug/L #	92
19) 1,1-Dichloroethane	6.220	63	214359	25.537	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	133284	26.007	ug/L #	96
22) 2-Butanone	7.165	43	61537	47.326	ug/L	98
23) Bromochloromethane	7.513	128	59496	25.200	ug/L	98
25) Chloroform	7.677	83	245470	25.913	ug/L	94

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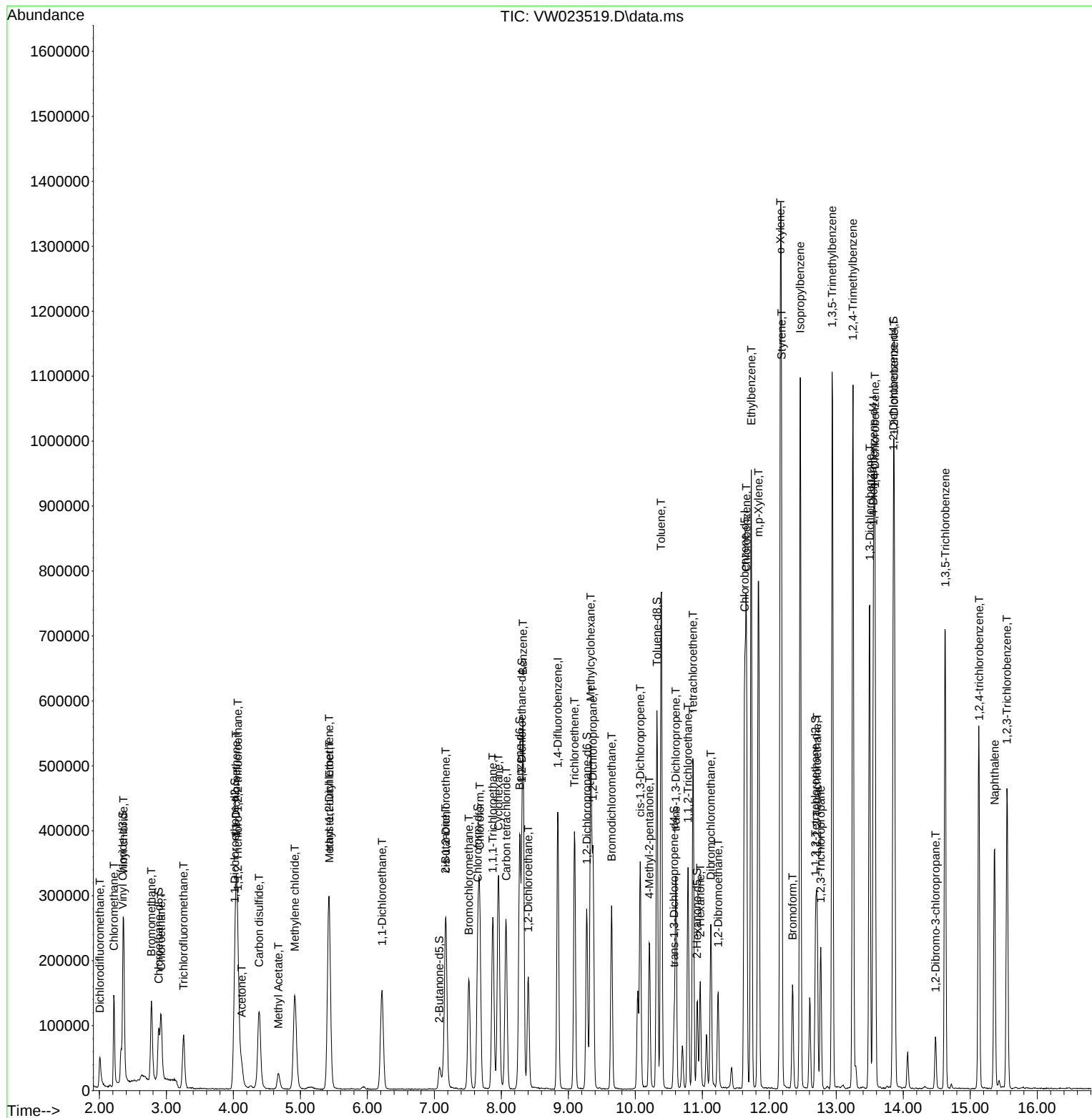
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	149322	23.835	ug/L	97
29) Cyclohexane	7.958	56	173022	25.917	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	208947	27.234	ug/L	98
31) Carbon tetrachloride	8.073	117	193810	27.420	ug/L	97
33) Benzene	8.323	78	502317	26.235	ug/L	100
34) Trichloroethene	9.092	95	135744	26.450	ug/L	96
35) Methylcyclohexane	9.335	83	215223	25.904	ug/L	97
37) 1,2-Dichloropropane	9.366	63	122946	26.275	ug/L	99
38) Bromodichloromethane	9.646	83	176548	26.827	ug/L	95
39) cis-1,3-Dichloropropene	10.073	75	192873	26.899	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	142331	53.331	ug/L	100
42) Toluene	10.384	91	569737	26.633	ug/L	98
44) trans-1,3-Dichloropropene	10.604	75	174026	26.897	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	102222	26.596	ug/L	99
46) Tetrachloroethene	10.860	164	108964	27.503	ug/L	85
48) 2-Hexanone	10.969	43	98619	54.678	ug/L	99
49) Dibromochloromethane	11.128	129	123390	27.412	ug/L	96
50) 1,2-Dibromoethane	11.238	107	95320	26.529	ug/L	93
51) Chlorobenzene	11.658	112	382389	26.486	ug/L	99
52) Ethylbenzene	11.731	91	652620	26.842	ug/L	100
53) m,p-Xylene	11.841	106	257974	27.262	ug/L	98
54) o-Xylene	12.164	106	245377	27.135	ug/L	100
55) Styrene	12.182	104	437077	27.799	ug/L	94
57) 1,1,2,2-Tetrachloroethane	12.713	83	122214	26.183	ug/L	100
59) Bromoform	12.347	173	67142	25.839	ug/L	98
60) Isopropylbenzene	12.463	105	683143	26.107	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	84755	24.366	ug/L	100
62) 1,3,5-Trimethylbenzene	12.938	105	577326	26.977	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	577388	26.960	ug/L	97
64) 1,3-Dichlorobenzene	13.499	146	307479	26.488	ug/L	89
65) 1,4-Dichlorobenzene	13.579	146	316512	26.703	ug/L	99
67) 1,2-Dichlorobenzene	13.865	146	274478	25.815	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	18205	23.703	ug/L	93
69) 1,3,5-Trichlorobenzene	14.627	180	208703	27.515	ug/L	98
70) 1,2,4-trichlorobenzene	15.133	180	166473	28.185	ug/L	99
71) Naphthalene	15.365	128	319924	27.535	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	145271	28.292	ug/L	99

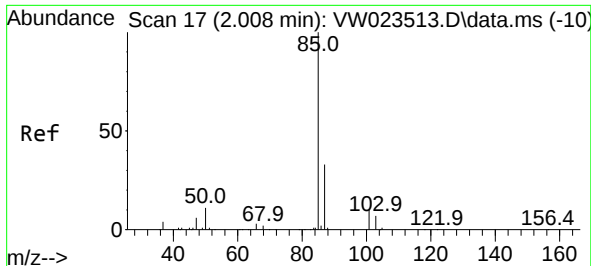
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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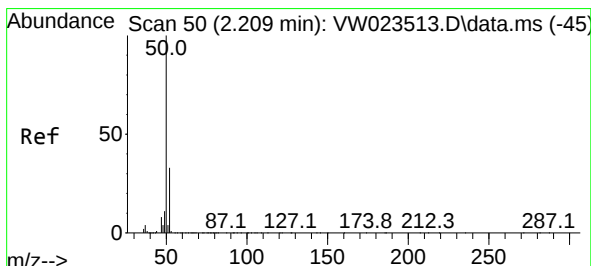
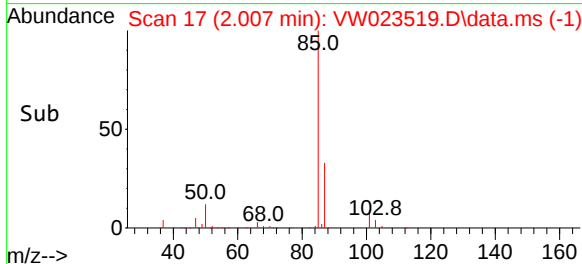
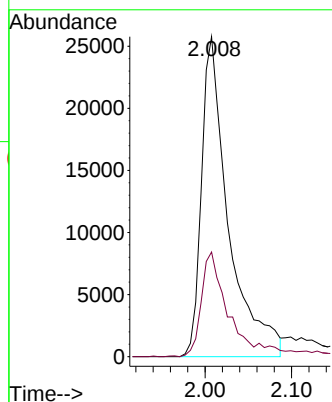
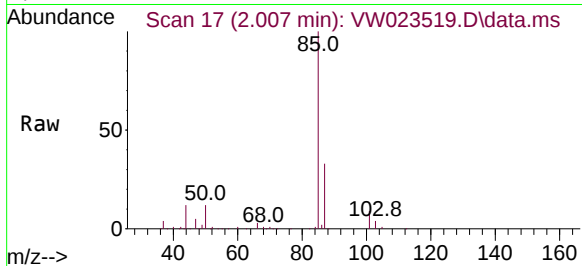




#2
 Dichlorodifluoromethane
 Concen: 41.948 ug/L
 RT: 2.007 min Scan# 1
 Delta R.T. -0.000 min
 Lab File: VW023519.D
 Acq: 24 Jun 2022 14:34

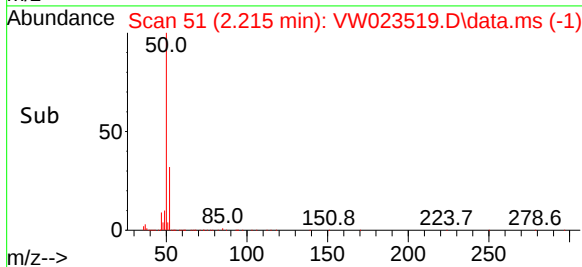
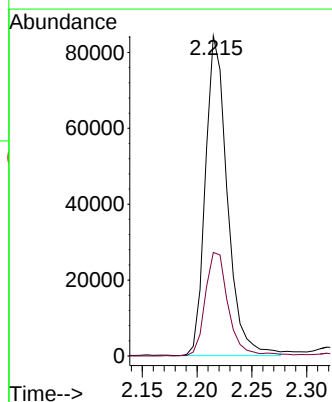
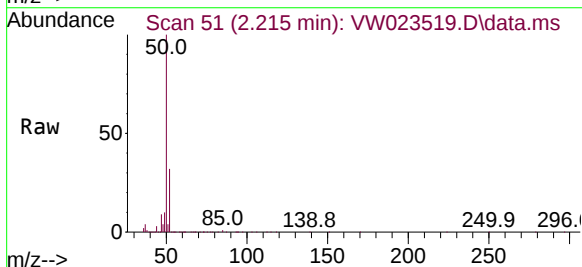
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 MSVOA_W
 ClientSampleId :
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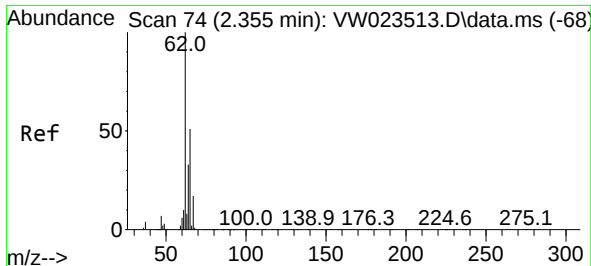
Tgt Ion: 85 Resp: 55599
 Ion Ratio Lower Upper
 85 100
 87 30.2 27.8 41.8



#3
 Chloromethane
 Concen: 26.777 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VW023519.D
 Acq: 24 Jun 2022 14:34

Tgt Ion: 50 Resp: 117399
 Ion Ratio Lower Upper
 50 100
 52 32.3 23.1 42.9

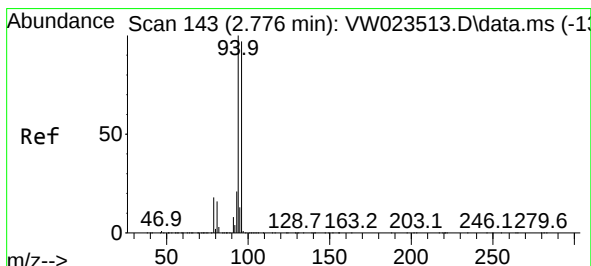
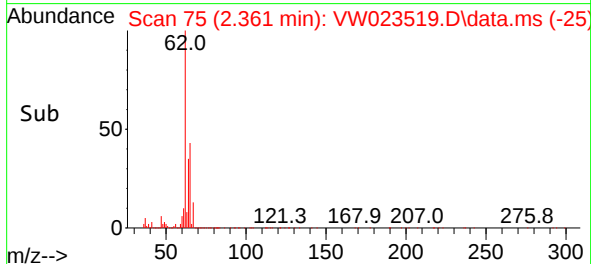
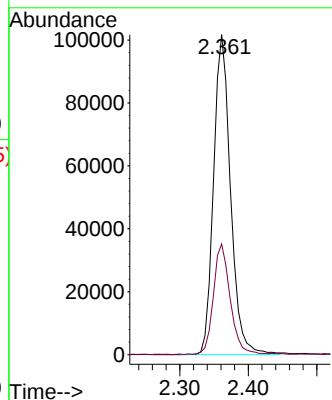
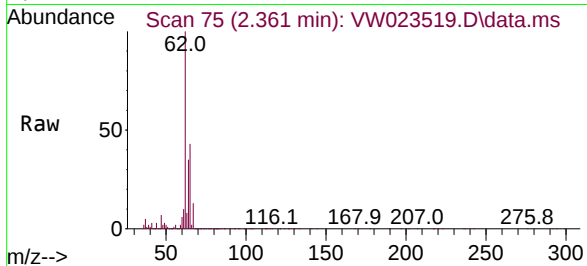




#5
 Vinyl chloride
 Concen: 25.641 ug/L
 RT: 2.361 min Scan# 74
 Delta R.T. 0.006 min
 Lab File: VW023519.D
 Acq: 24 Jun 2022 14:34

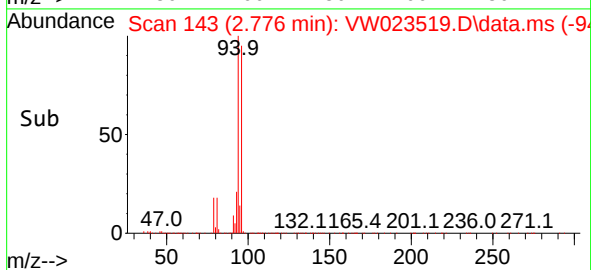
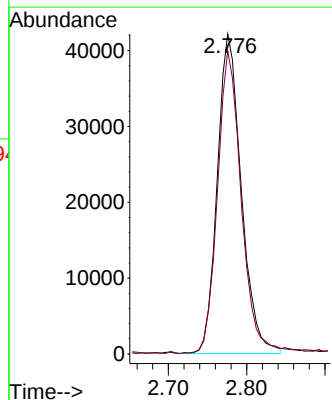
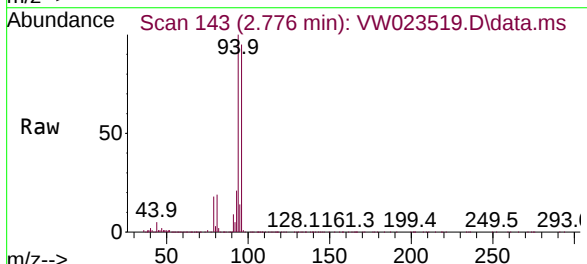
Instrument :
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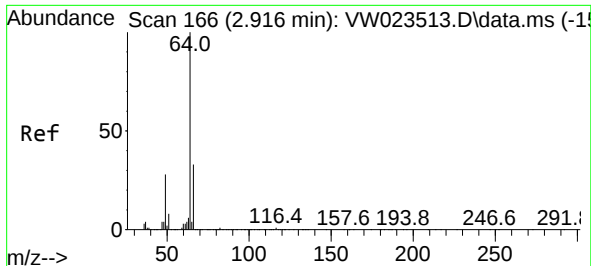
Tgt Ion: 62 Resp: 175208
 Ion Ratio Lower Upper
 62 100
 64 34.6 24.9 46.3



#6
 Bromomethane
 Concen: 23.144 ug/L
 RT: 2.776 min Scan# 143
 Delta R.T. -0.000 min
 Lab File: VW023519.D
 Acq: 24 Jun 2022 14:34

Tgt Ion: 94 Resp: 89509
 Ion Ratio Lower Upper
 94 100
 96 94.7 61.7 114.5

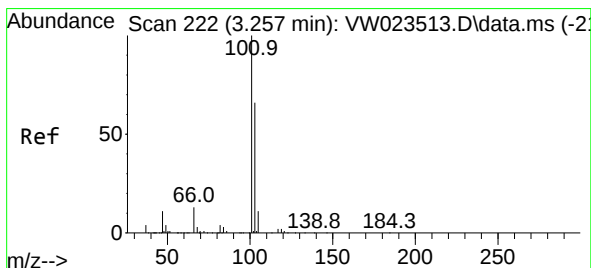
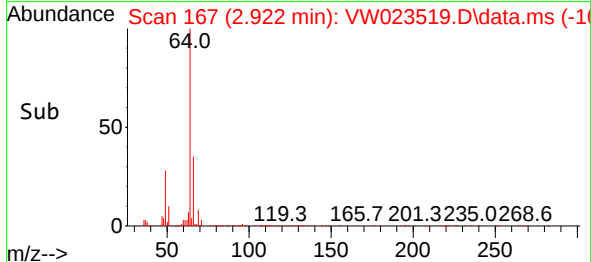
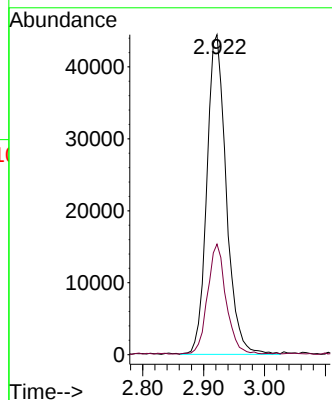
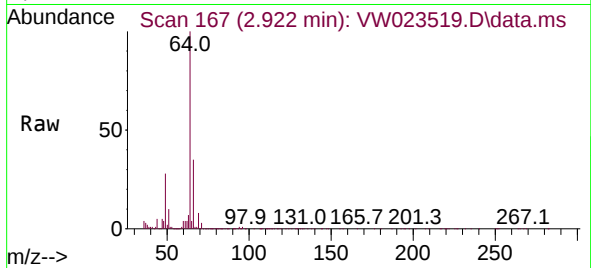




#8
Chloroethane
Concen: 27.109 ug/L
RT: 2.922 min Scan# 166
Delta R.T. 0.006 min
Lab File: VW023519.D
Acq: 24 Jun 2022 14:34

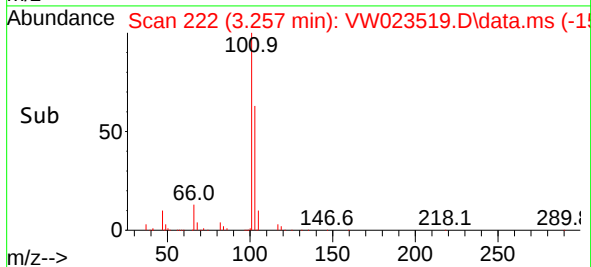
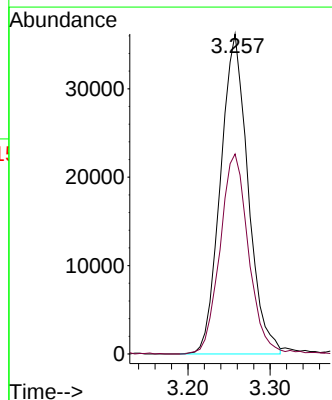
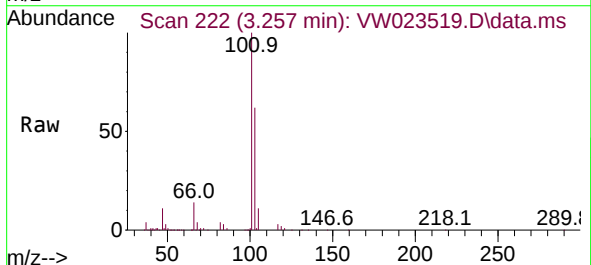
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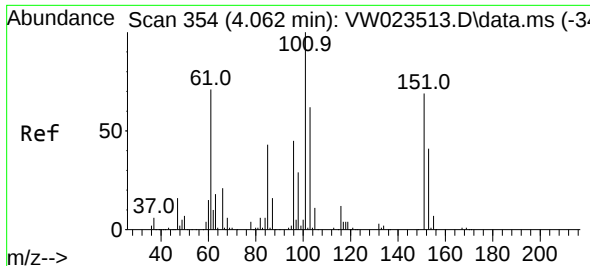
Tgt Ion: 64 Resp: 98130
Ion Ratio Lower Upper
64 100
66 34.6 23.4 43.6



#9
Trichlorofluoromethane
Concen: 27.394 ug/L
RT: 3.257 min Scan# 222
Delta R.T. -0.000 min
Lab File: VW023519.D
Acq: 24 Jun 2022 14:34

Tgt Ion: 101 Resp: 84424
Ion Ratio Lower Upper
101 100
103 64.2 53.9 80.9

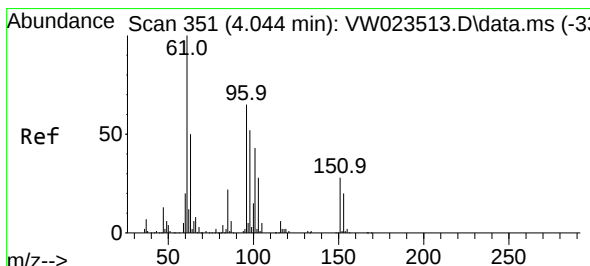
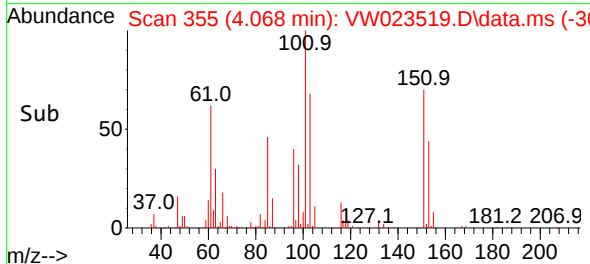
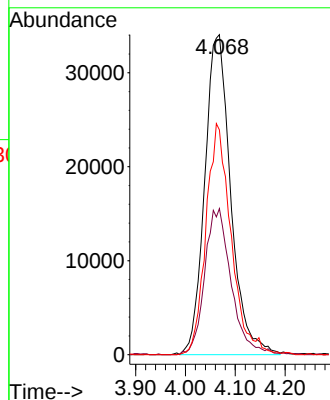
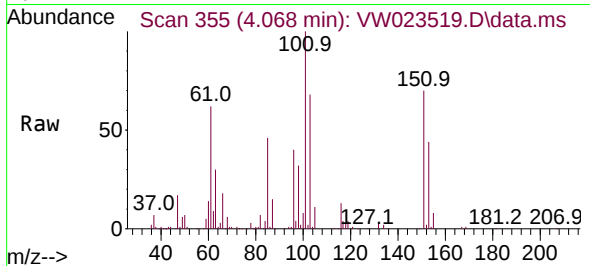




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 27.842 ug/L
RT: 4.068 min Scan# 31
Delta R.T. 0.006 min
Lab File: VW023519.D
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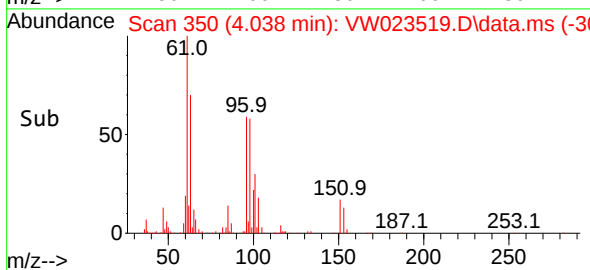
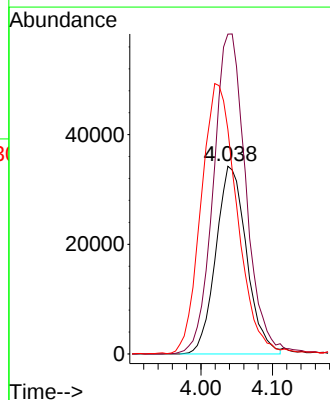
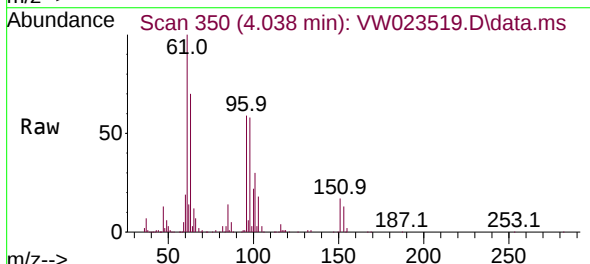
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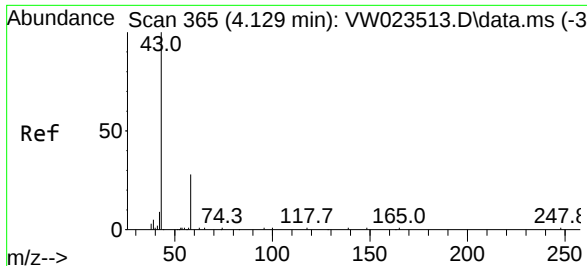
Tgt Ion:101 Resp: 123703
Ion Ratio Lower Upper
101 100
85 45.9 34.3 51.5
151 68.2 54.2 81.2



#12
1,1-Dichloroethene
Concen: 25.773 ug/L
RT: 4.038 min Scan# 350
Delta R.T. -0.006 min
Lab File: VW023519.D
Acq: 24 Jun 2022 14:34

Tgt Ion: 96 Resp: 102012
Ion Ratio Lower Upper
96 100
61 170.4 125.7 233.5
63 119.6 83.4 155.0

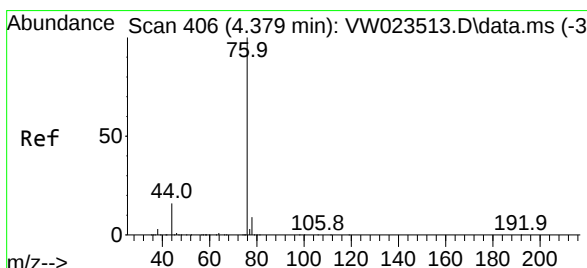
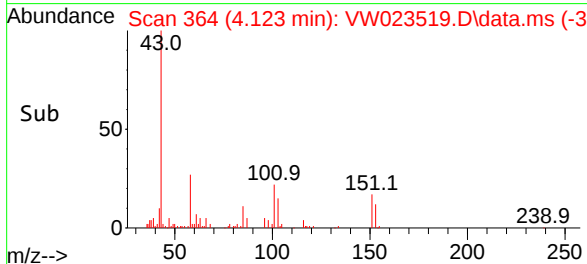
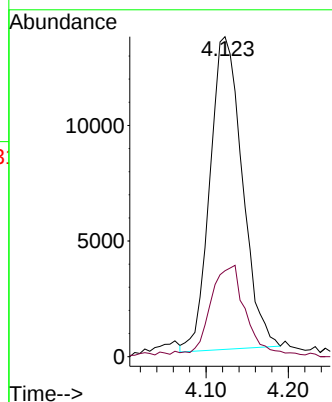
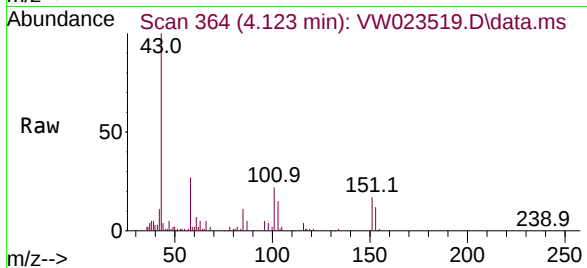




#13
Acetone
Concen: 43.602 ug/L
RT: 4.123 min Scan# 364
Delta R.T. -0.006 min
Lab File: VW023519.D
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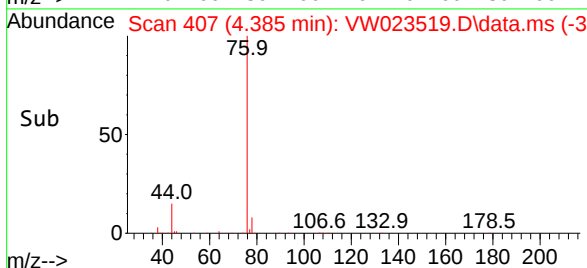
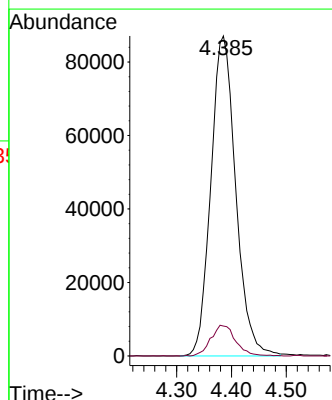
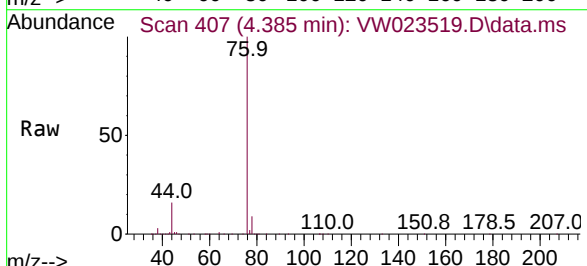
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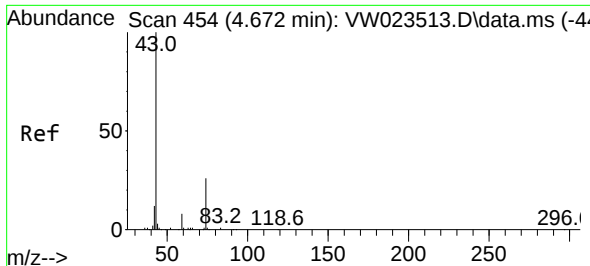
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Ion Ratio Lower Upper
43 100
58 31.2 0.0 64.0



#14
Carbon disulfide
Concen: 22.547 ug/L
RT: 4.385 min Scan# 407
Delta R.T. 0.006 min
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Tgt Ion: 76 Resp: 274529
Ion Ratio Lower Upper
76 100
78 9.4 7.7 11.5

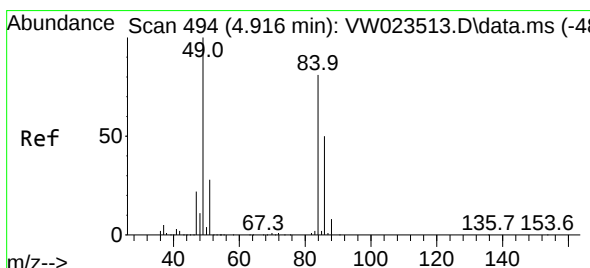
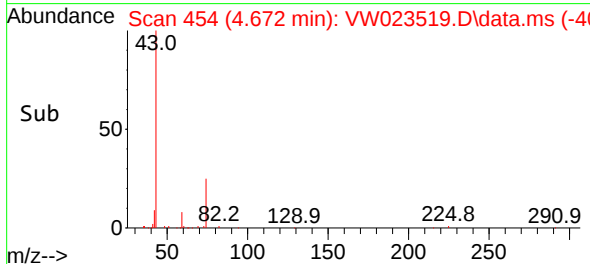
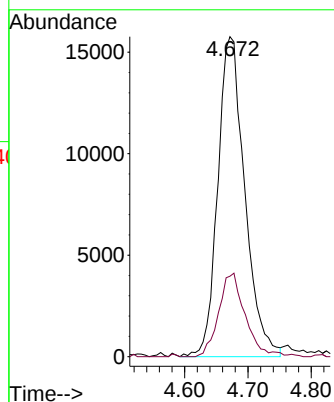
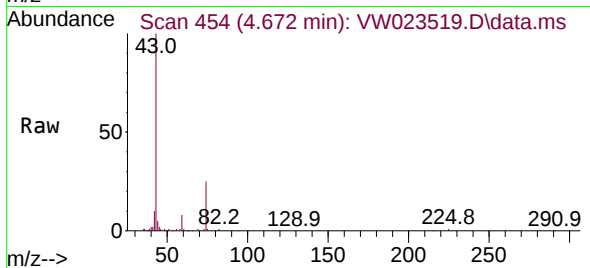




#15
Methyl Acetate
Concen: 24.630 ug/L
RT: 4.672 min Scan# 41
Delta R.T. -0.000 min
Lab File: VW023519.D
Acq: 24 Jun 2022 14:34

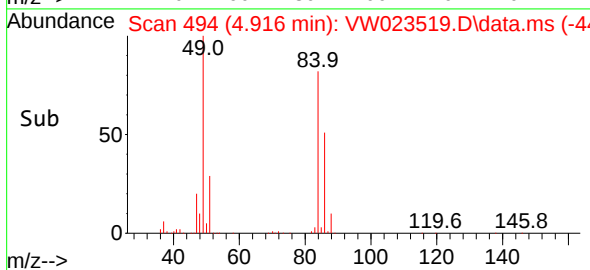
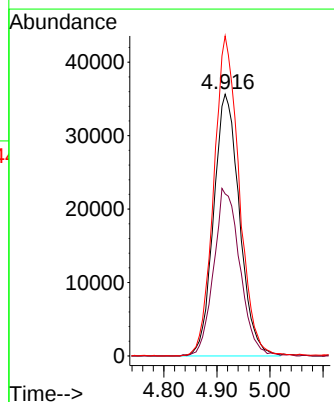
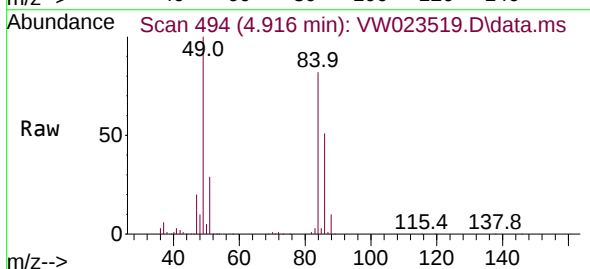
Instrument :
MSVOA_W
ClientSampleId :
VSTD025581

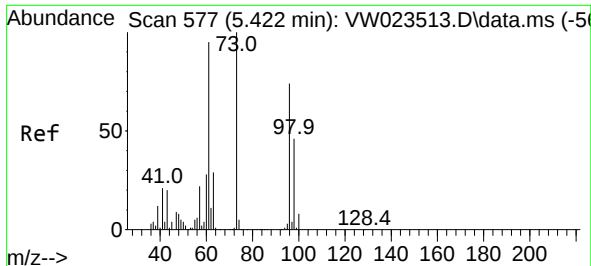
Tgt Ion: 43 Resp: 46714
Ion Ratio Lower Upper
43 100
74 24.9 21.9 32.9



#16
Methylene chloride
Concen: 24.557 ug/L
RT: 4.916 min Scan# 494
Delta R.T. -0.000 min
Lab File: VW023519.D
Acq: 24 Jun 2022 14:34

Tgt Ion: 84 Resp: 120810
Ion Ratio Lower Upper
84 100
86 61.9 45.4 84.4
49 122.2 82.5 153.1

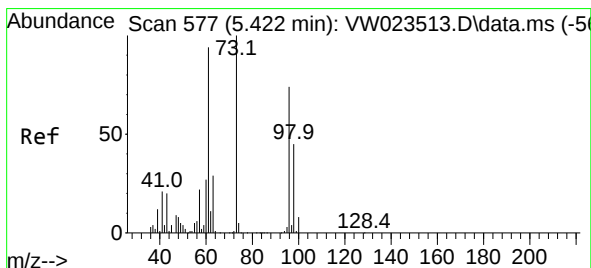
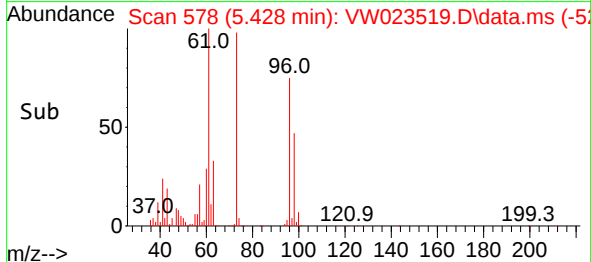
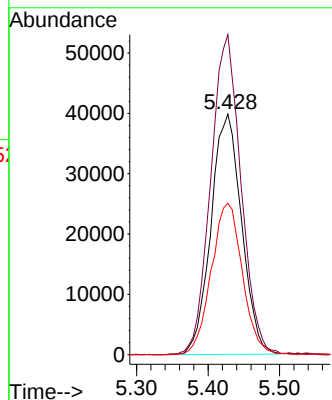
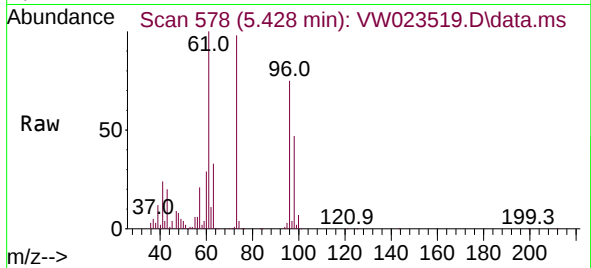




#17
trans-1,2-Dichloroethene
Concen: 25.221 ug/L
RT: 5.428 min Scan# 517
Delta R.T. 0.006 min
Lab File: VW023519.D
Acq: 24 Jun 2022 14:34

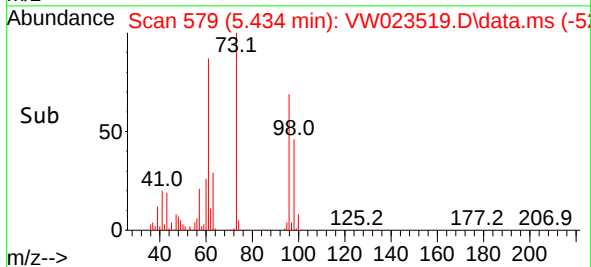
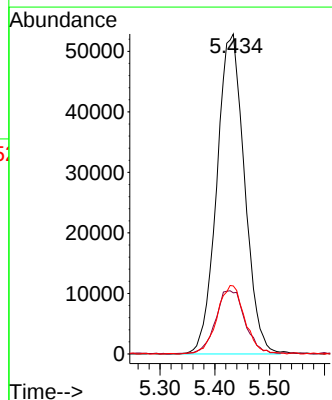
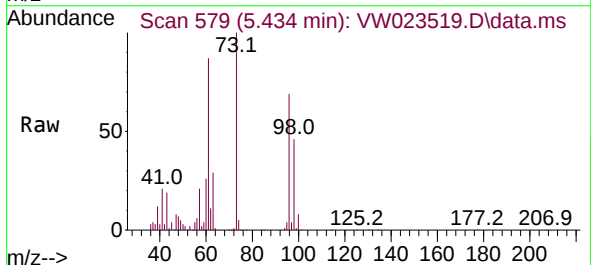
Instrument :
MSVOA_W
ClientSampleId :
VSTD025581

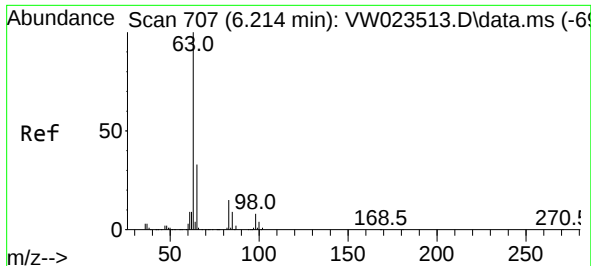
Tgt Ion: 96 Resp: 118191
Ion Ratio Lower Upper
96 100
61 133.0 92.2 171.2
98 62.9 42.9 79.7



#18
Methyl tert-butyl Ether
Concen: 26.311 ug/L
RT: 5.434 min Scan# 579
Delta R.T. 0.012 min
Lab File: VW023519.D
Acq: 24 Jun 2022 14:34

Tgt Ion: 73 Resp: 185581
Ion Ratio Lower Upper
73 100
43 13.1 15.9 23.9#
57 21.3 16.5 24.7





#19

1,1-Dichloroethane

Concen: 25.537 ug/L

RT: 6.220 min Scan# 707

Delta R.T. 0.006 min

Lab File: VW023519.D

Acq: 24 Jun 2022 14:34

Instrument :

MSVOA_W

ClientSampleId :

VSTD025581

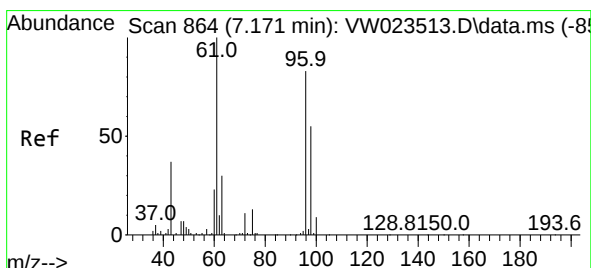
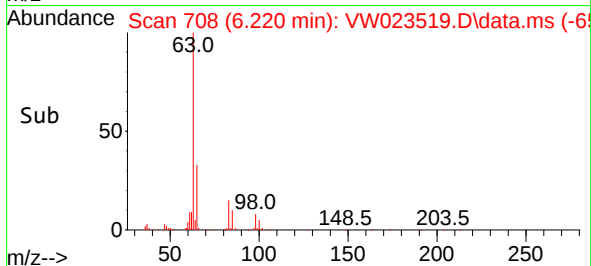
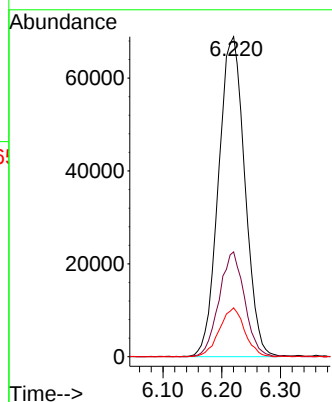
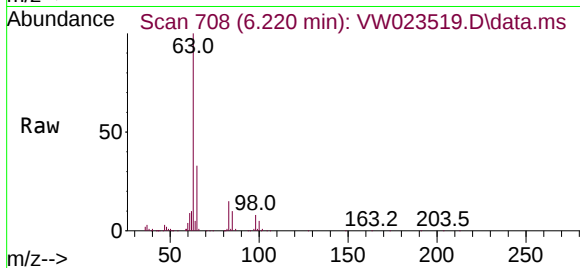
Tgt Ion: 63 Resp: 214359

Ion Ratio Lower Upper

63 100

65 32.7 23.3 43.3

83 15.2 11.1 20.5



#20

cis-1,2-Dichloroethene

Concen: 26.007 ug/L

RT: 7.171 min Scan# 864

Delta R.T. -0.000 min

Lab File: VW023519.D

Acq: 24 Jun 2022 14:34

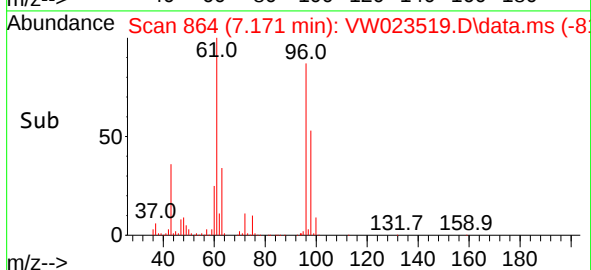
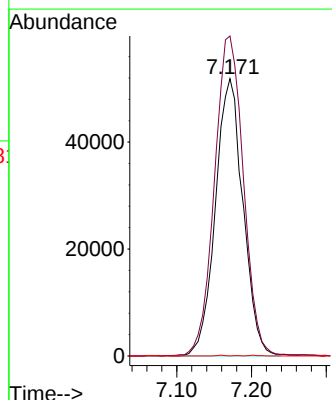
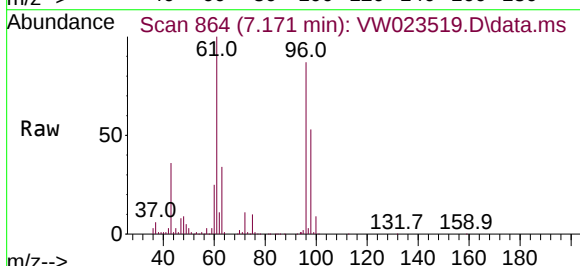
Tgt Ion: 96 Resp: 133284

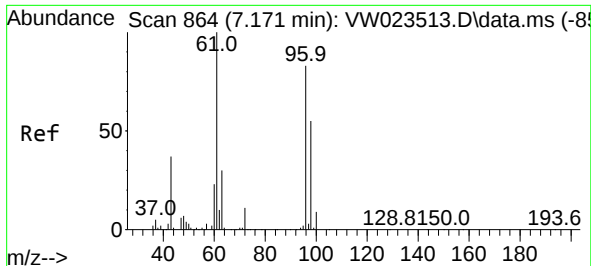
Ion Ratio Lower Upper

96 100

61 115.4 84.2 156.4

68 0.0 0.1 0.1#

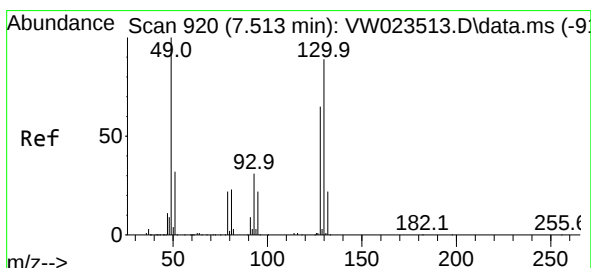
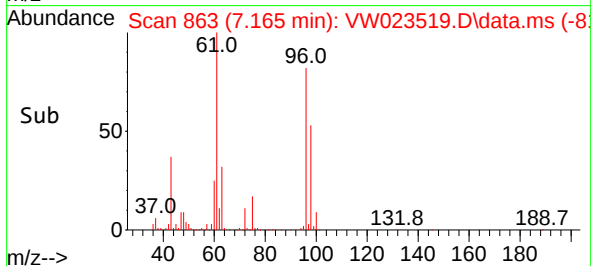
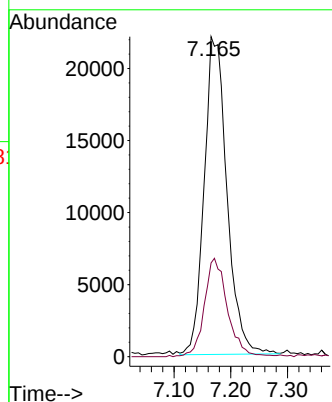
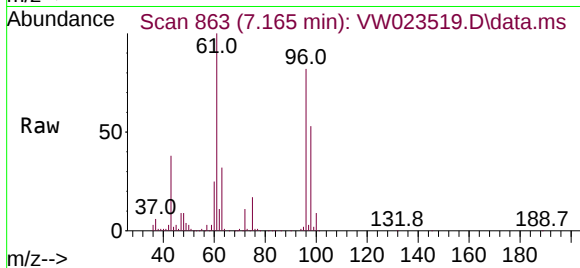




#22
2-Butanone
Concen: 47.326 ug/L
RT: 7.165 min Scan# 863
Delta R.T. -0.006 min
Lab File: VW023519.D
Acq: 24 Jun 2022 14:34

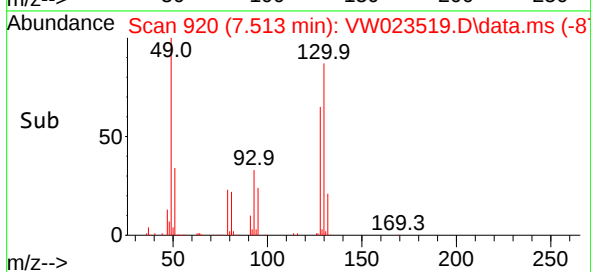
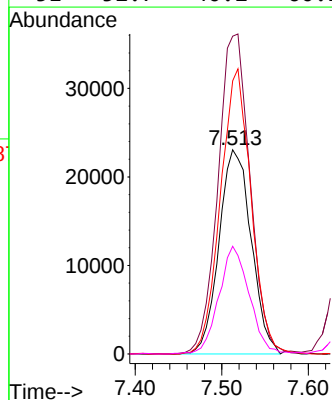
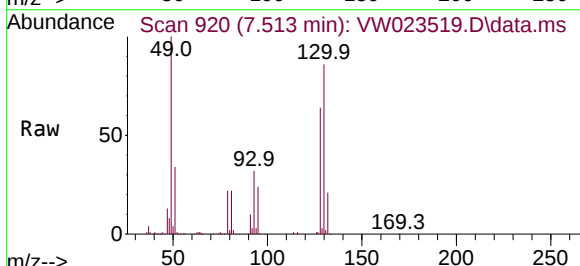
Instrument :
MSVOA_W
ClientSampleId :
VSTD025581

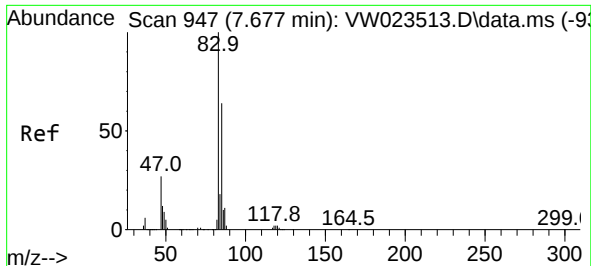
Tgt Ion: 43 Resp: 61537
Ion Ratio Lower Upper
43 100
72 31.3 15.1 45.3



#23
Bromochloromethane
Concen: 25.200 ug/L
RT: 7.513 min Scan# 920
Delta R.T. -0.000 min
Lab File: VW023519.D
Acq: 24 Jun 2022 14:34

Tgt Ion: 128 Resp: 59496
Ion Ratio Lower Upper
128 100
49 155.6 110.0 204.4
130 133.8 94.8 176.0
51 52.7 40.2 60.2

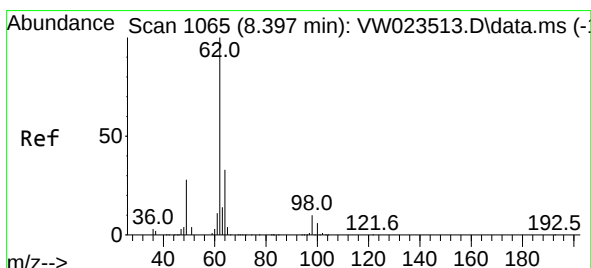
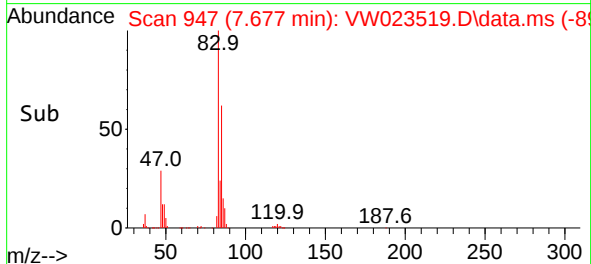
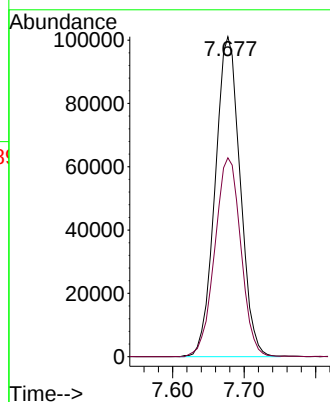
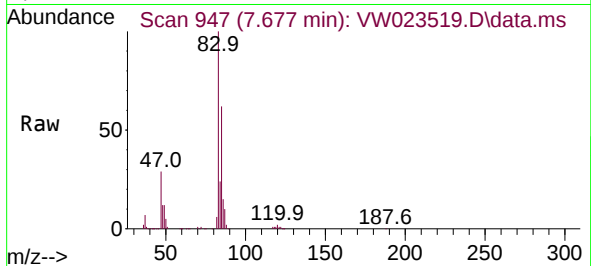




#25
Chloroform
Concen: 25.913 ug/L
RT: 7.677 min Scan# 947
Delta R.T. -0.000 min
Lab File: VW023519.D
Acq: 24 Jun 2022 14:34

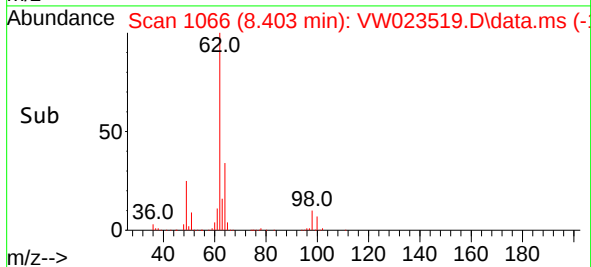
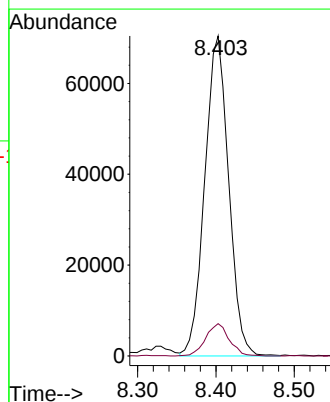
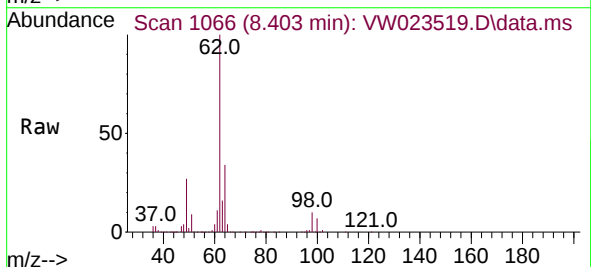
Instrument :
MSVOA_W
ClientSampleId :
VSTD025581

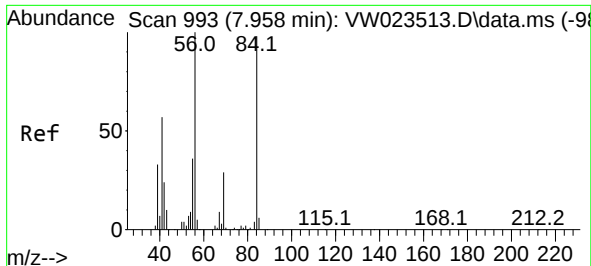
Tgt Ion: 83 Resp: 245470
Ion Ratio Lower Upper
83 100
85 62.2 46.6 86.6



#27
1,2-Dichloroethane
Concen: 23.835 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VW023519.D
Acq: 24 Jun 2022 14:34

Tgt Ion: 62 Resp: 149322
Ion Ratio Lower Upper
62 100
98 10.1 7.2 10.8

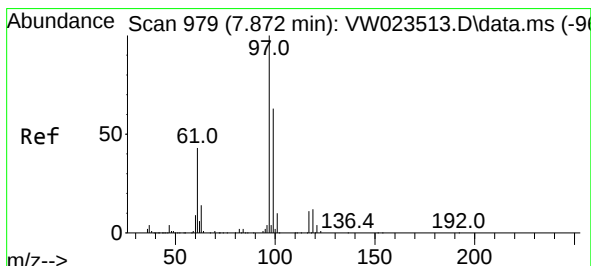
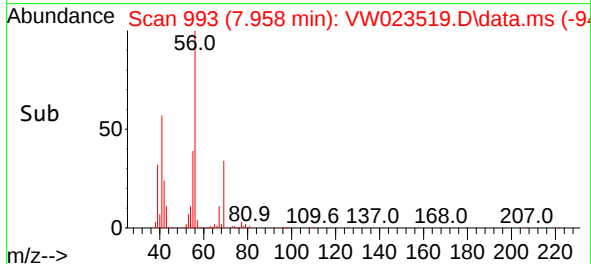
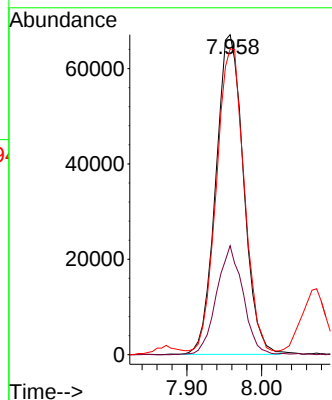
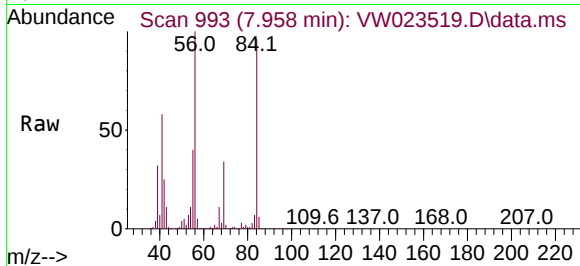




#29
Cyclohexane
Concen: 25.917 ug/L
RT: 7.958 min Scan# 993
Delta R.T. -0.000 min
Lab File: VW023519.D
Acq: 24 Jun 2022 14:34

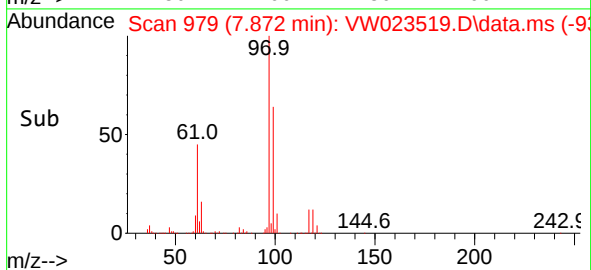
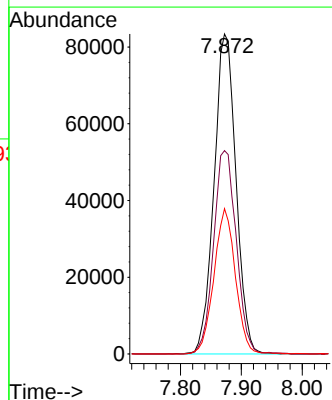
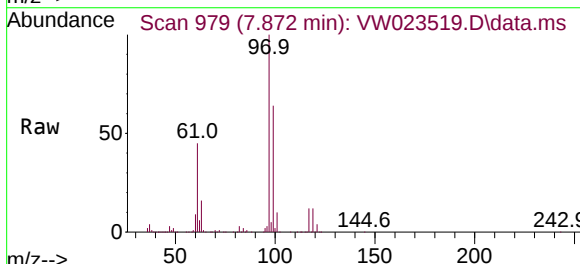
Instrument :
MSVOA_W
ClientSampleId :
VSTD025581

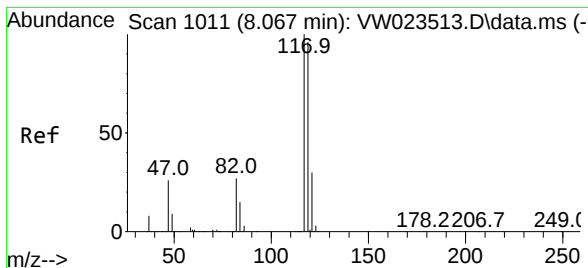
Tgt Ion: 56 Resp: 173022
Ion Ratio Lower Upper
56 100
69 32.3 25.6 38.4
84 96.8 78.2 117.4



#30
1,1,1-Trichloroethane
Concen: 27.234 ug/L
RT: 7.872 min Scan# 979
Delta R.T. -0.000 min
Lab File: VW023519.D
Acq: 24 Jun 2022 14:34

Tgt Ion: 97 Resp: 208947
Ion Ratio Lower Upper
97 100
99 65.5 51.0 76.4
61 44.2 34.8 52.2





#31

Carbon tetrachloride

Concen: 27.420 ug/L

RT: 8.073 min Scan# 1011

Delta R.T. 0.006 min

Lab File: VW023519.D

Acq: 24 Jun 2022 14:34

Instrument :

MSVOA_W

ClientSampleId :

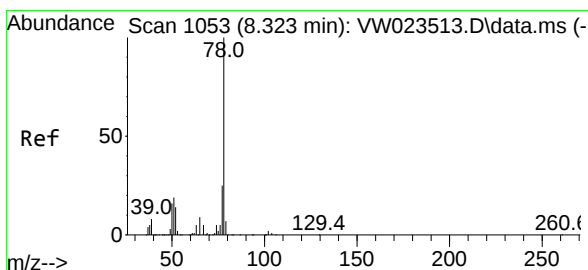
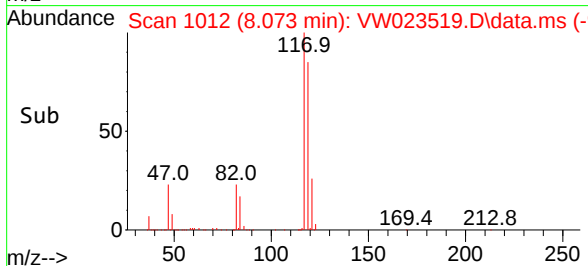
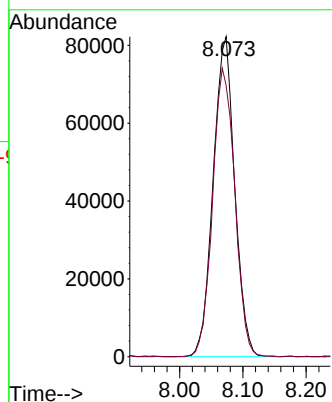
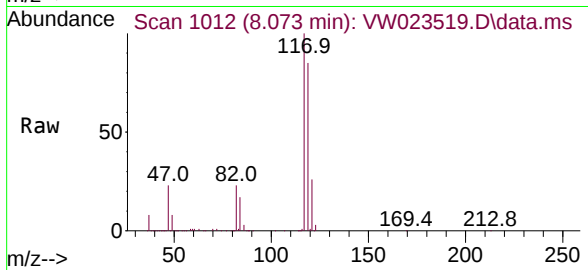
VSTD025581

Tgt Ion:117 Resp: 193810

Ion Ratio Lower Upper

117 100

119 93.2 76.6 115.0



#33

Benzene

Concen: 26.235 ug/L

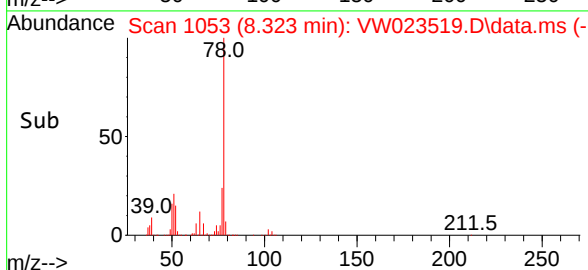
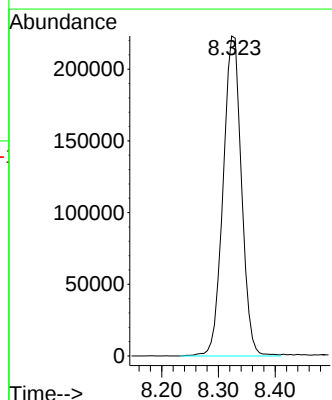
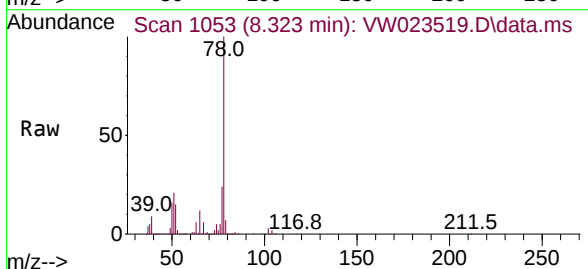
RT: 8.323 min Scan# 1053

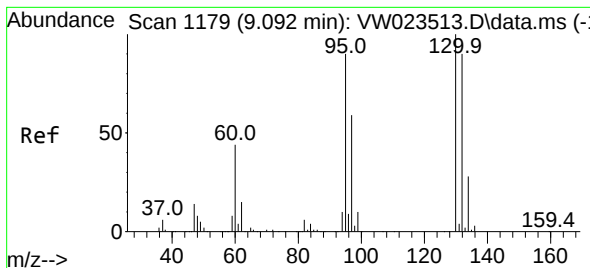
Delta R.T. -0.000 min

Lab File: VW023519.D

Acq: 24 Jun 2022 14:34

Tgt Ion: 78 Resp: 502317





#34

Trichloroethene

Concen: 26.450 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VW023519.D

Acq: 24 Jun 2022 14:34

Instrument :

MSVOA_W

ClientSampleId :

VSTD025581

Tgt Ion: 95 Resp: 135744

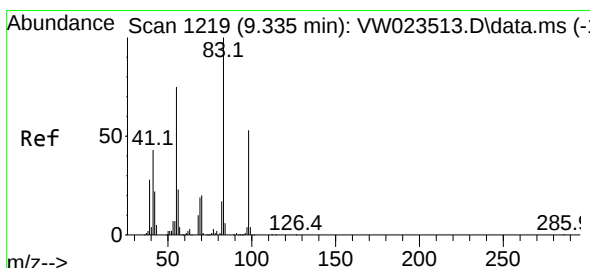
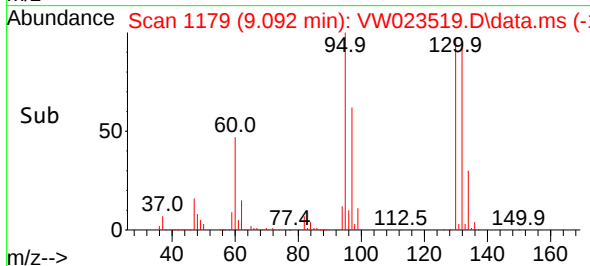
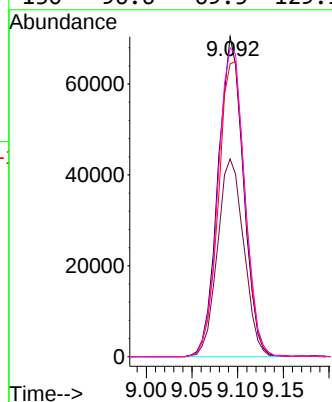
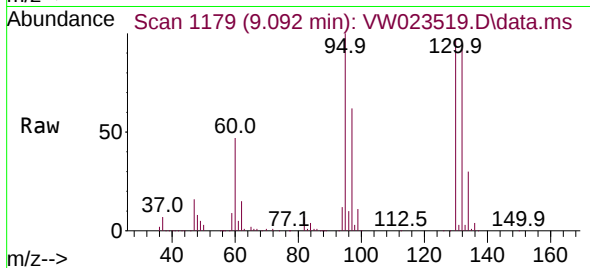
Ion Ratio Lower Upper

95 100

97 61.8 46.1 85.7

132 91.5 66.9 124.3

130 96.6 69.5 129.1



#35

Methylcyclohexane

Concen: 25.904 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VW023519.D

Acq: 24 Jun 2022 14:34

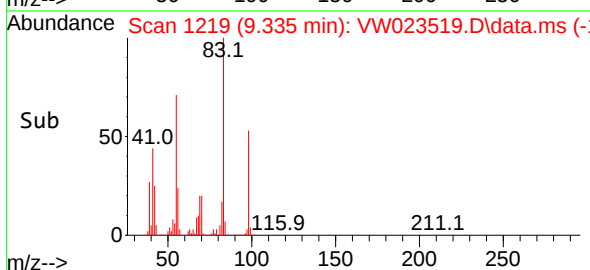
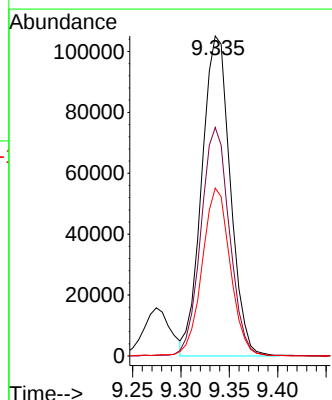
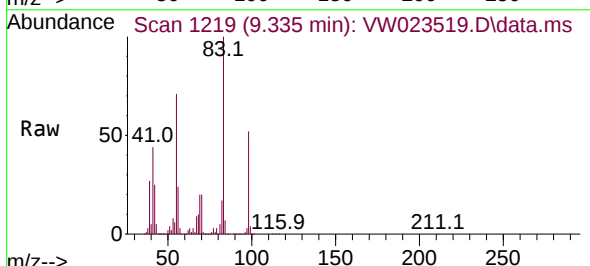
Tgt Ion: 83 Resp: 215223

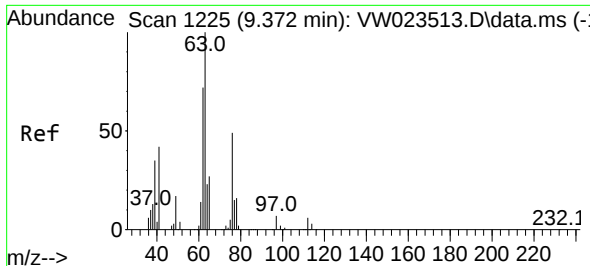
Ion Ratio Lower Upper

83 100

55 71.4 55.1 82.7

98 51.7 40.4 60.6





#37

1,2-Dichloropropane

Concen: 26.275 ug/L

RT: 9.366 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW023519.D

Acq: 24 Jun 2022 14:34

Instrument :

MSVOA_W

ClientSampleId :

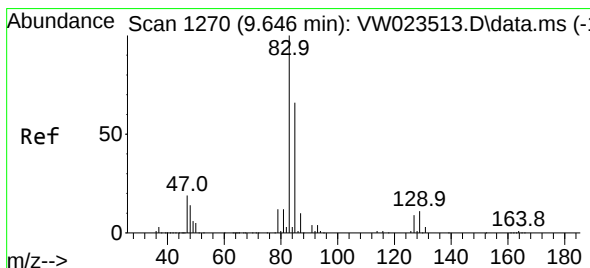
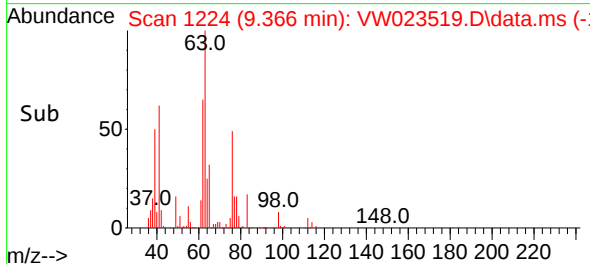
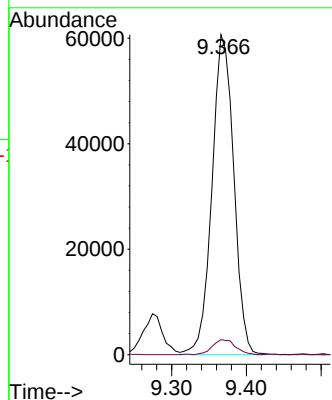
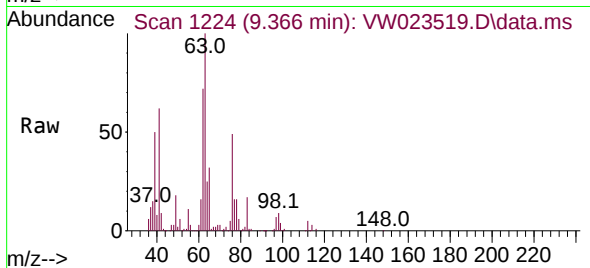
VSTD025581

Tgt Ion: 63 Resp: 122946

Ion Ratio Lower Upper

63 100

112 5.0 3.8 5.8



#38

Bromodichloromethane

Concen: 26.827 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. -0.000 min

Lab File: VW023519.D

Acq: 24 Jun 2022 14:34

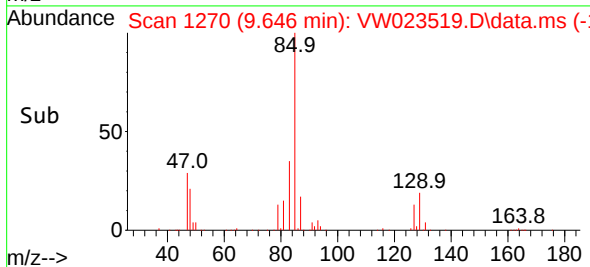
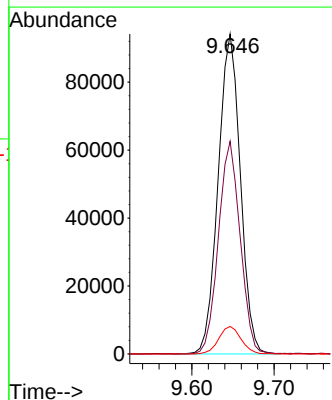
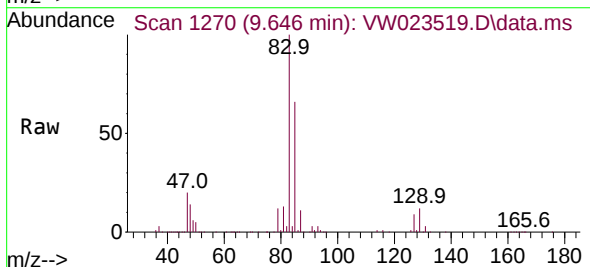
Tgt Ion: 83 Resp: 176548

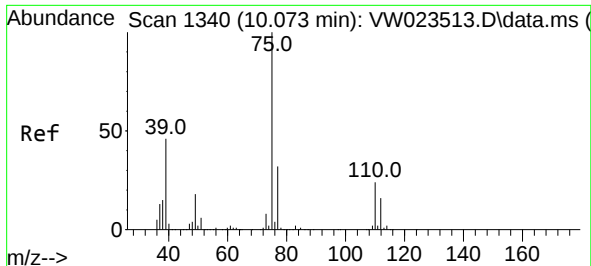
Ion Ratio Lower Upper

83 100

85 66.5 43.5 80.7

127 8.6 7.1 10.7





#39

cis-1,3-Dichloropropene

Concen: 26.899 ug/L

RT: 10.073 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW023519.D

Acq: 24 Jun 2022 14:34

Instrument :

MSVOA_W

ClientSampleId :

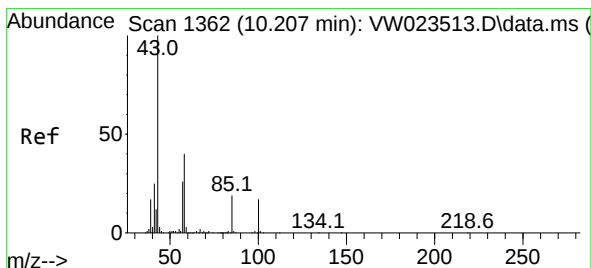
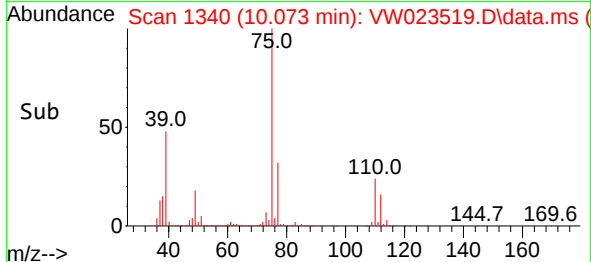
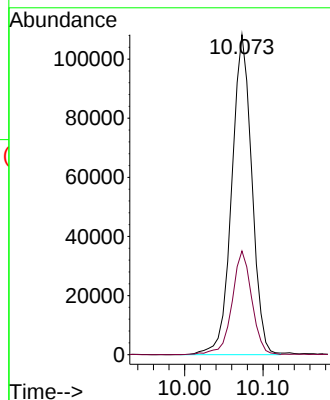
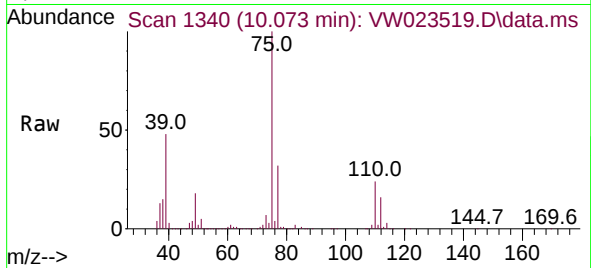
VSTD025581

Tgt Ion: 75 Resp: 192873

Ion Ratio Lower Upper

75 100

77 32.4 22.1 41.1



#40

4-Methyl-2-pentanone

Concen: 53.331 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VW023519.D

Acq: 24 Jun 2022 14:34

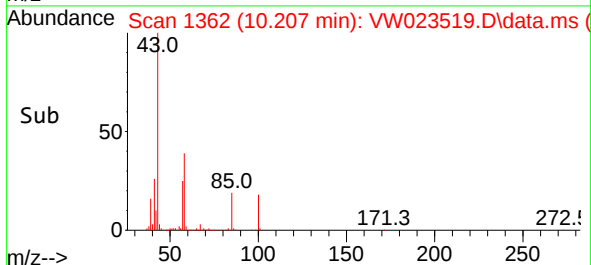
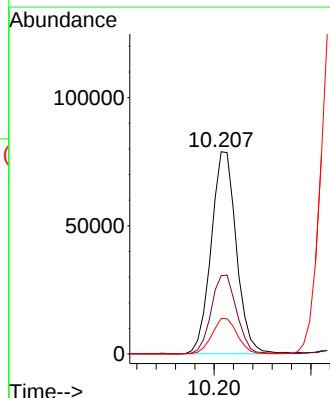
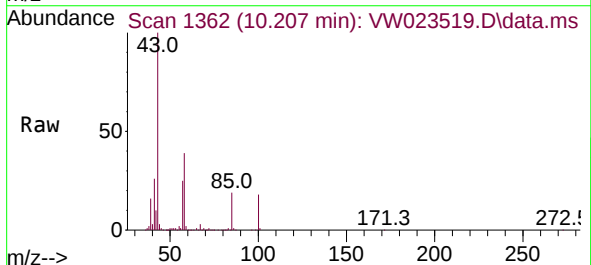
Tgt Ion: 43 Resp: 142331

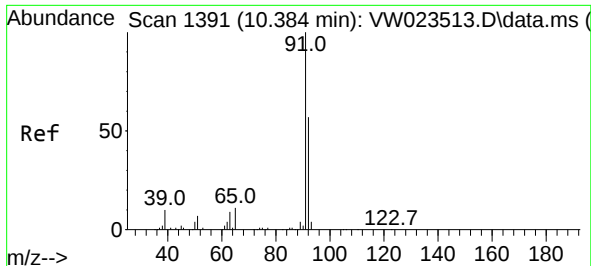
Ion Ratio Lower Upper

43 100

58 39.5 31.4 47.2

100 17.8 14.2 21.4

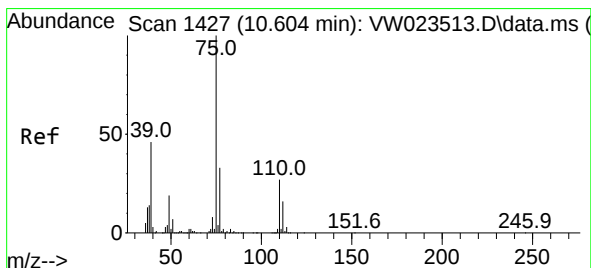
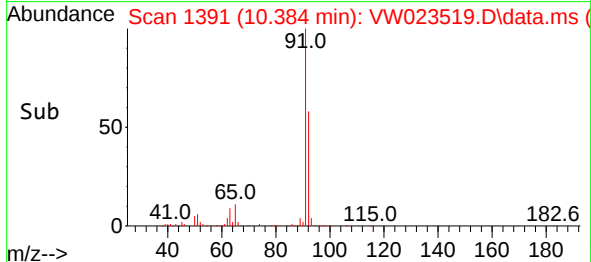
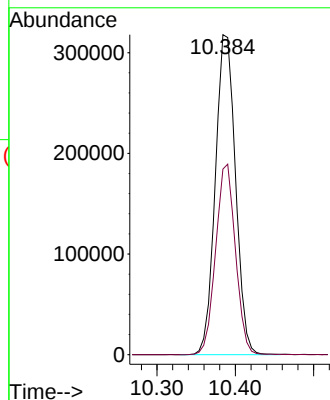
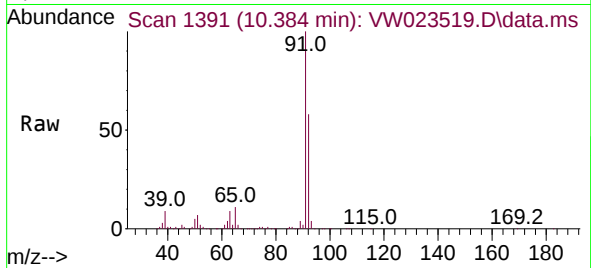




#42
Toluene
Concen: 26.633 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.000 min
Lab File: VW023519.D
Acq: 24 Jun 2022 14:34

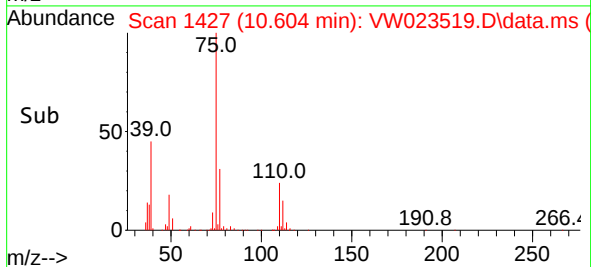
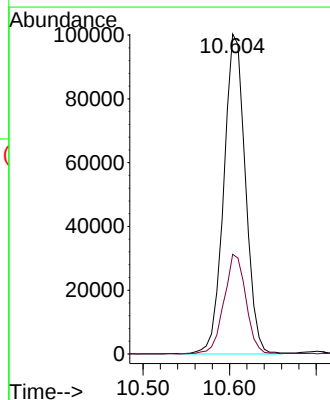
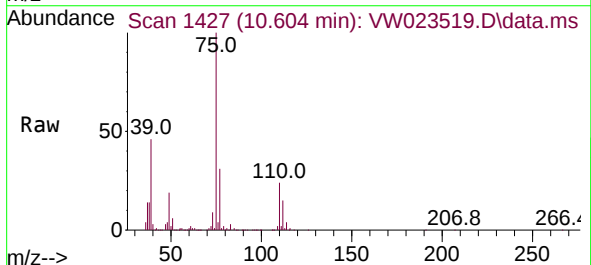
Instrument :
MSVOA_W
ClientSampleId :
VSTD025581

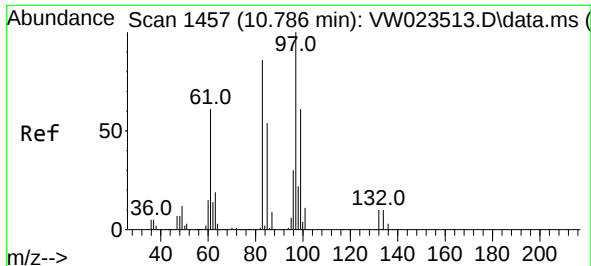
Tgt Ion: 91 Resp: 569737
Ion Ratio Lower Upper
91 100
92 58.0 41.6 77.2



#44
trans-1,3-Dichloropropene
Concen: 26.897 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW023519.D
Acq: 24 Jun 2022 14:34

Tgt Ion: 75 Resp: 174026
Ion Ratio Lower Upper
75 100
77 31.2 22.0 40.8



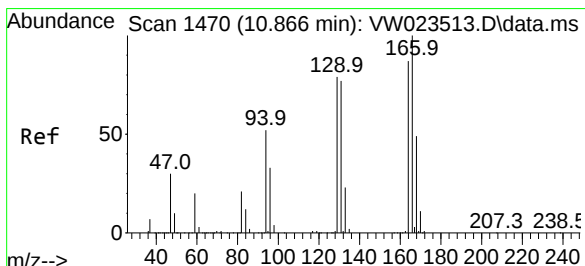
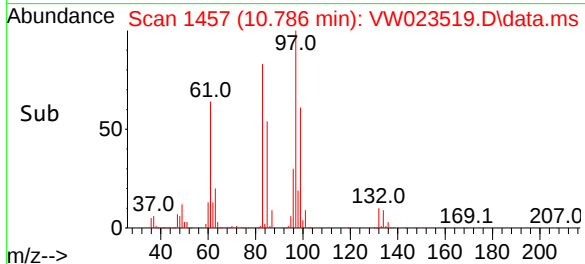
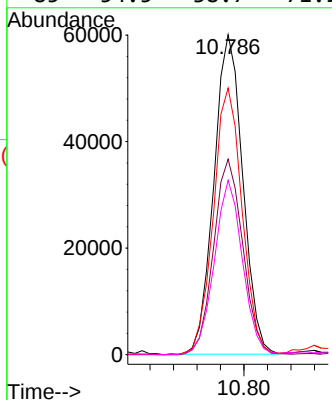
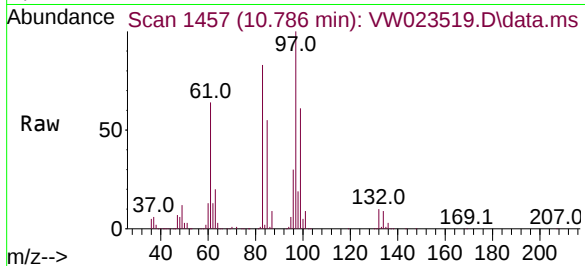


#45
1,1,2-Trichloroethane
Concen: 26.596 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW023519.D
Acq: 24 Jun 2022 14:34

Instrument :
MSVOA_W
ClientSampleId :
VSTD025581

Tgt Ion: 97 Resp: 102222

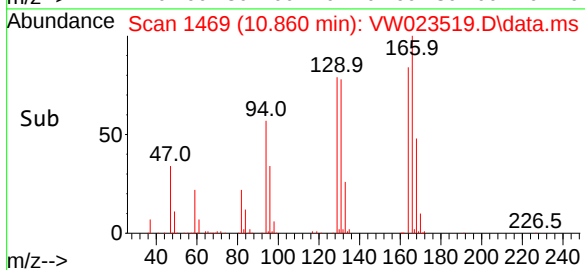
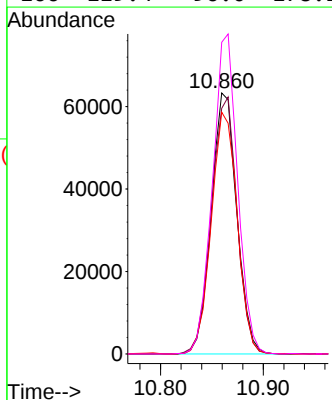
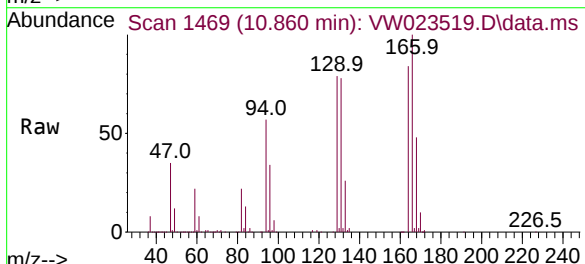
Ion	Ratio	Lower	Upper
97	100		
99	61.1	44.7	82.9
83	83.4	58.4	108.4
85	54.5	38.7	71.9

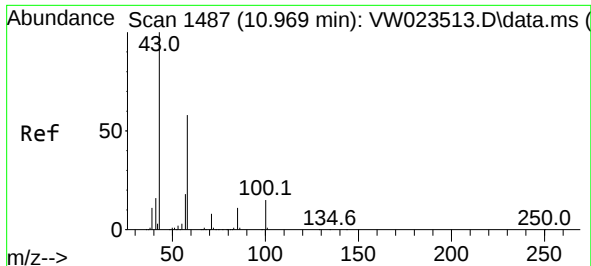


#46
Tetrachloroethene
Concen: 27.503 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. -0.006 min
Lab File: VW023519.D
Acq: 24 Jun 2022 14:34

Tgt Ion: 164 Resp: 108964

Ion	Ratio	Lower	Upper
164	100		
129	94.1	76.9	142.7
131	92.6	75.1	139.5
166	119.4	96.0	178.2

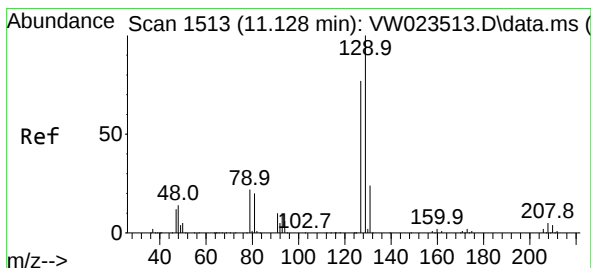
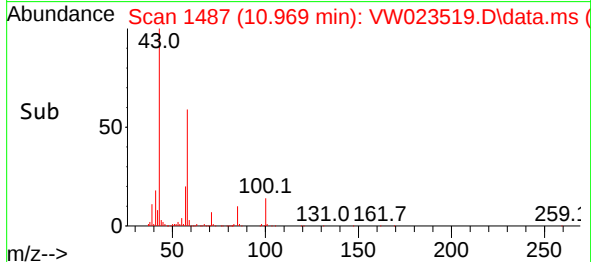
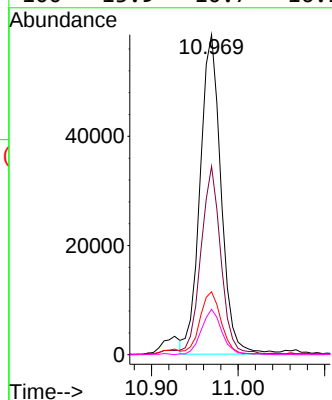
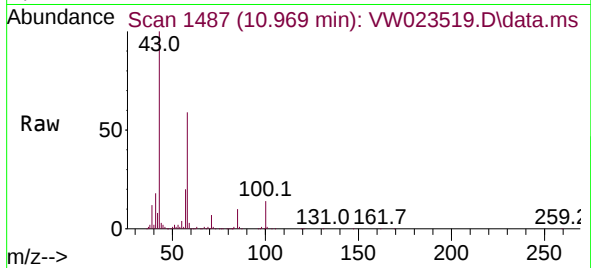




#48
2-Hexanone
Concen: 54.678 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW023519.D
Acq: 24 Jun 2022 14:34

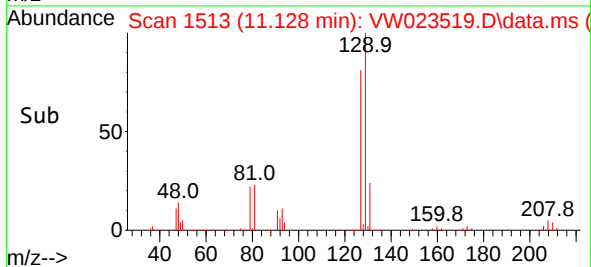
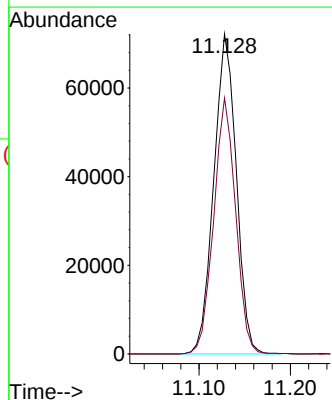
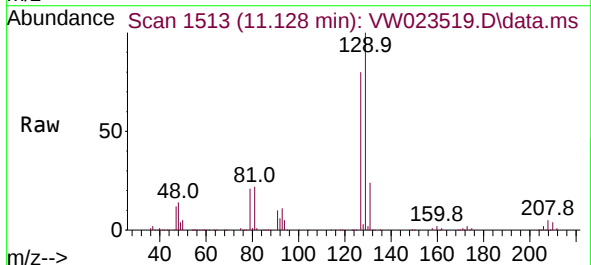
Instrument :
MSVOA_W
ClientSampleId :
VSTD025581

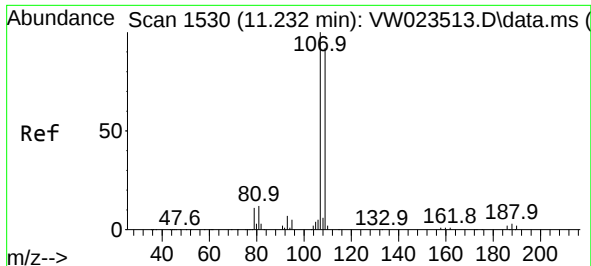
Tgt Ion:	43	Resp:	98619
Ion	Ratio	Lower	Upper
43	100		
58	56.4	45.9	68.9
57	19.3	16.2	24.2
100	13.9	10.7	16.1



#49
Dibromochloromethane
Concen: 27.412 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW023519.D
Acq: 24 Jun 2022 14:34

Tgt Ion:	129	Resp:	123390
Ion	Ratio	Lower	Upper
129	100		
127	80.0	53.8	100.0

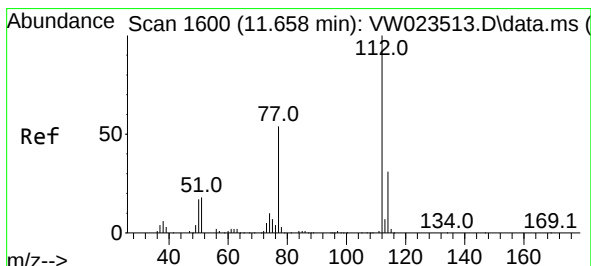
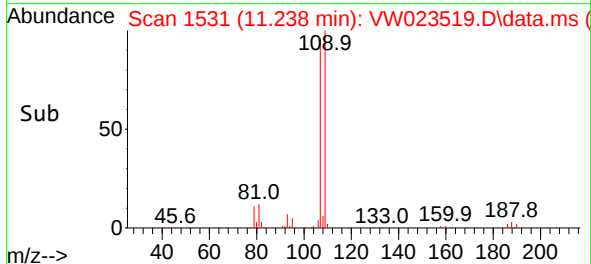
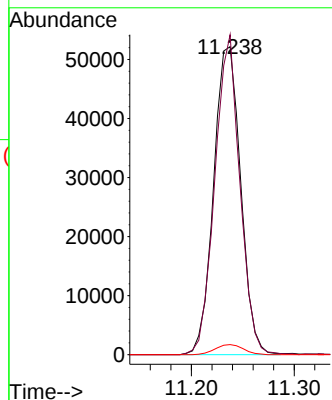
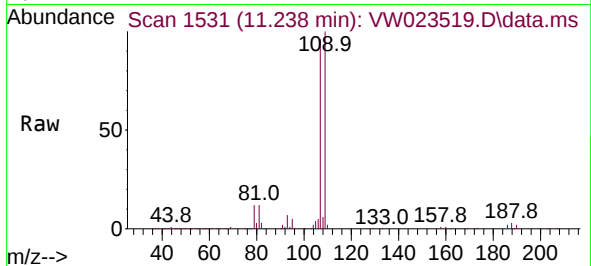




#50
1,2-Dibromoethane
Concen: 26.529 ug/L
RT: 11.238 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW023519.D
Acq: 24 Jun 2022 14:34

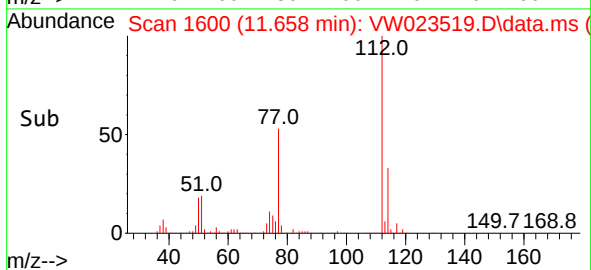
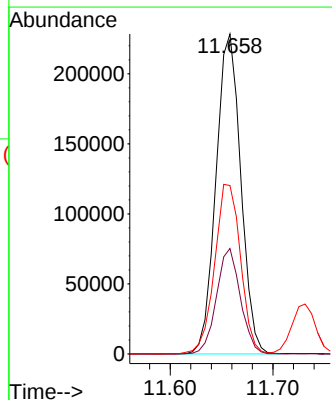
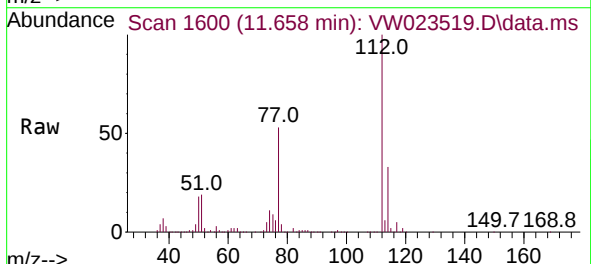
Instrument :
MSVOA_W
ClientSampleId :
VSTD025581

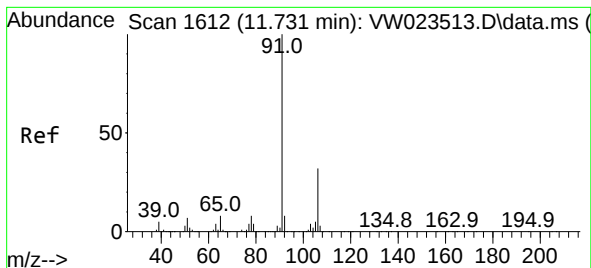
Tgt Ion:107 Resp: 95320
Ion Ratio Lower Upper
107 100
109 103.9 67.5 125.4
188 3.3 2.9 4.3



#51
Chlorobenzene
Concen: 26.486 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VW023519.D
Acq: 24 Jun 2022 14:34

Tgt Ion:112 Resp: 382389
Ion Ratio Lower Upper
112 100
114 33.0 22.0 41.0
77 52.6 42.6 63.8

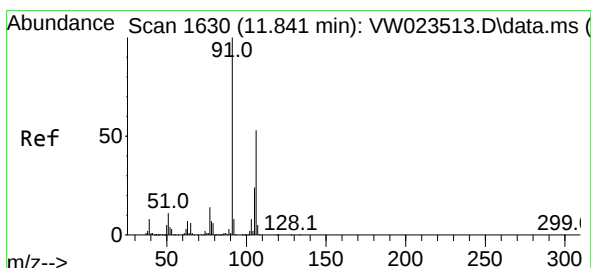
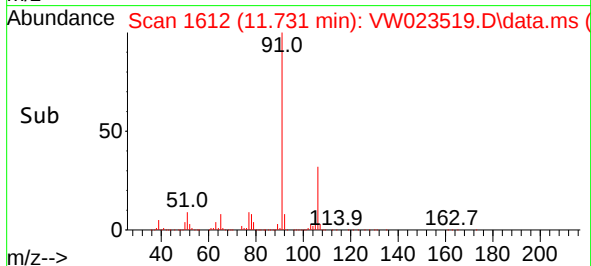
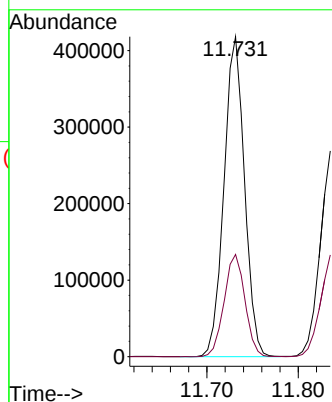
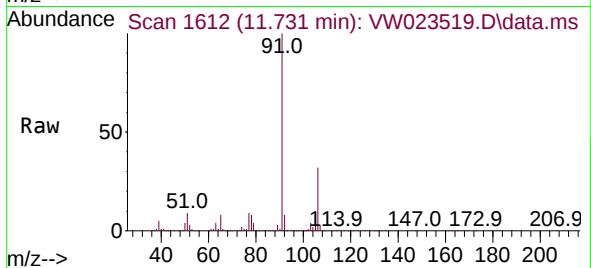




#52
Ethylbenzene
Concen: 26.842 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW023519.D
Acq: 24 Jun 2022 14:34

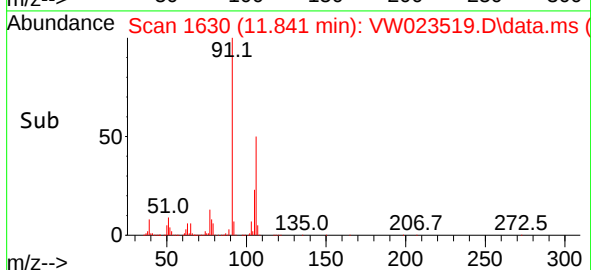
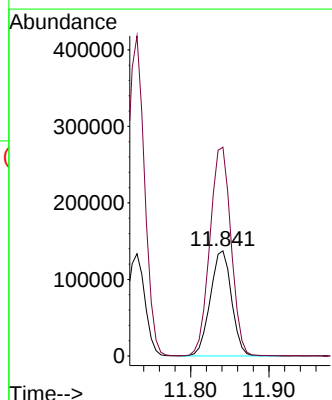
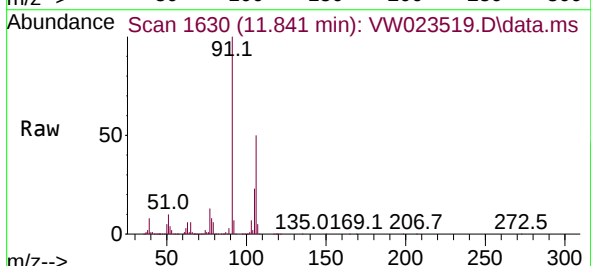
Instrument :
MSVOA_W
ClientSampleId :
VSTD025581

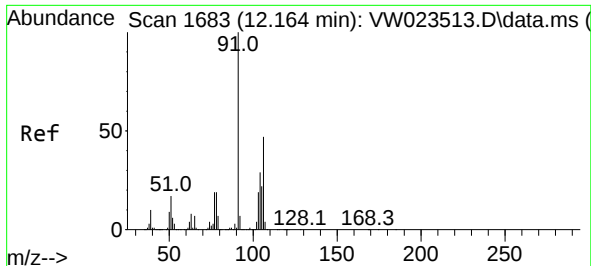
Tgt Ion: 91 Resp: 652620
Ion Ratio Lower Upper
91 100
106 32.0 22.3 41.3



#53
m,p-Xylene
Concen: 27.262 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. -0.000 min
Lab File: VW023519.D
Acq: 24 Jun 2022 14:34

Tgt Ion: 106 Resp: 257974
Ion Ratio Lower Upper
106 100
91 198.6 136.8 254.0

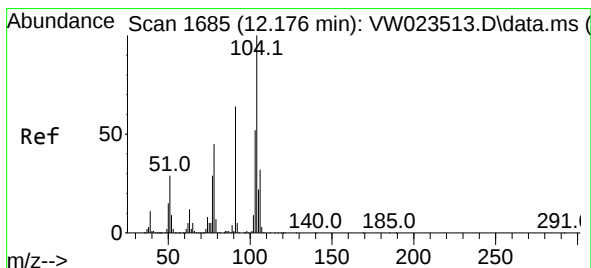
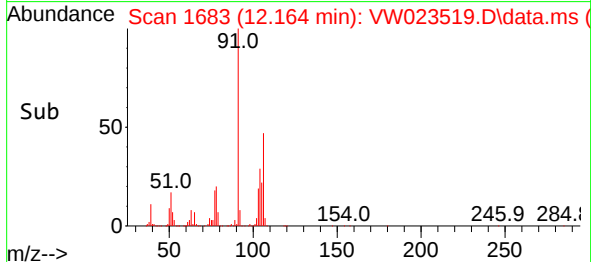
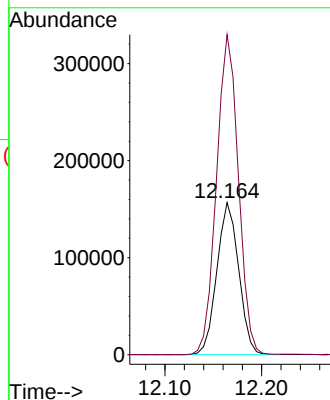
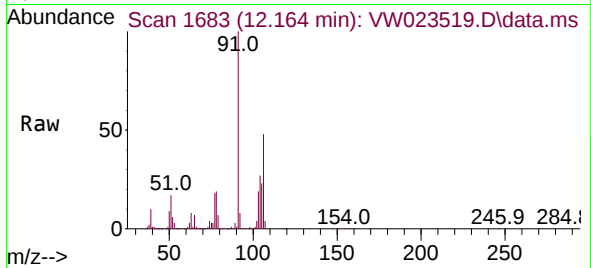




#54
o-Xylene
Concen: 27.135 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW023519.D
Acq: 24 Jun 2022 14:34

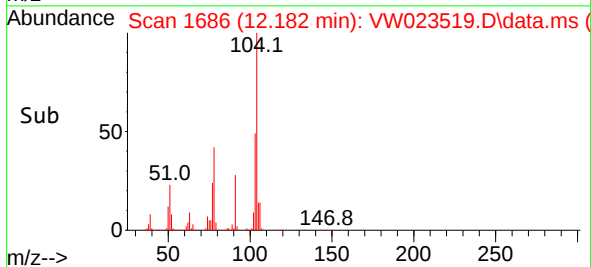
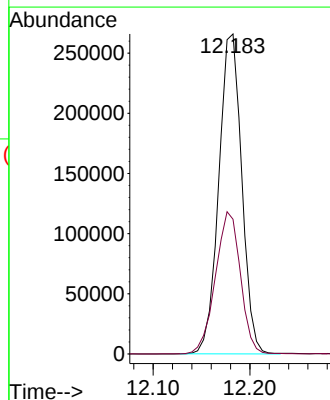
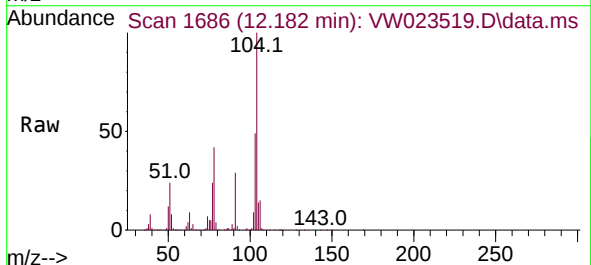
Instrument :
MSVOA_W
ClientSampleId :
VSTD025581

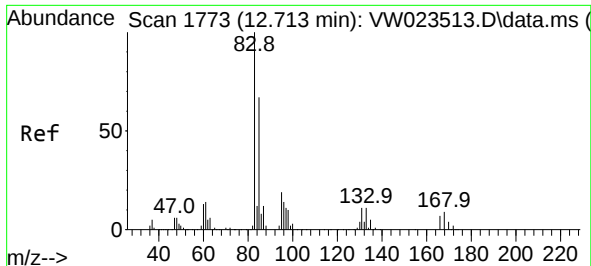
Tgt Ion:106 Resp: 245377
Ion Ratio Lower Upper
106 100
91 210.4 147.2 273.4



#55
Styrene
Concen: 27.799 ug/L
RT: 12.182 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VW023519.D
Acq: 24 Jun 2022 14:34

Tgt Ion:104 Resp: 437077
Ion Ratio Lower Upper
104 100
78 42.1 32.3 59.9





#57

1,1,2,2-Tetrachloroethane

Concen: 26.183 ug/L

RT: 12.713 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW023519.D

Acq: 24 Jun 2022 14:34

Instrument :

MSVOA_W

ClientSampleId :

VSTD025581

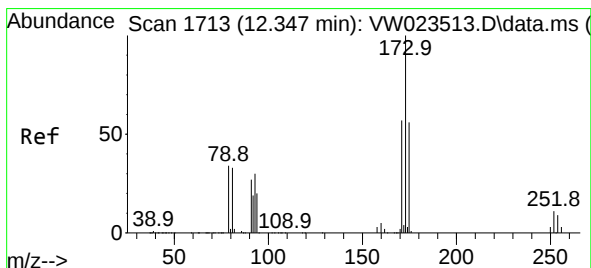
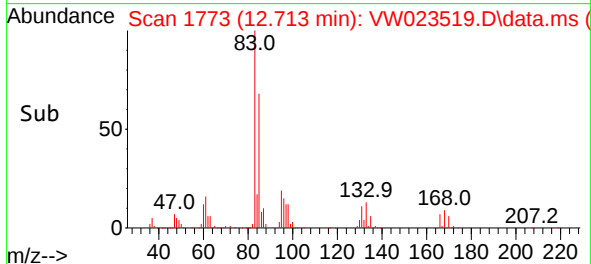
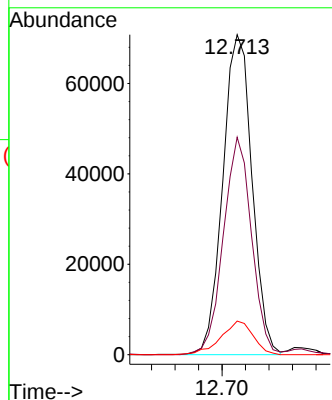
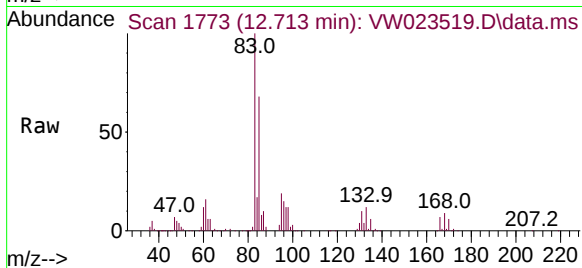
Tgt Ion: 83 Resp: 122214

Ion Ratio Lower Upper

83 100

85 68.0 47.5 88.1

131 10.5 8.7 13.1



#59

Bromoform

Concen: 25.839 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. -0.000 min

Lab File: VW023519.D

Acq: 24 Jun 2022 14:34

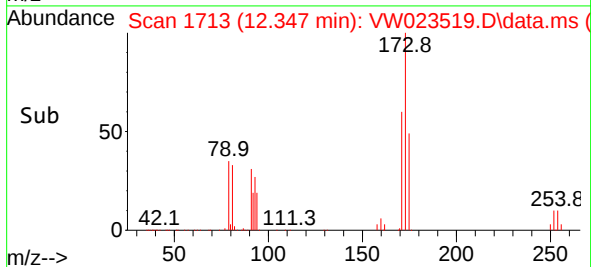
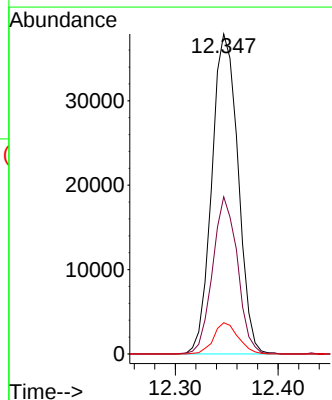
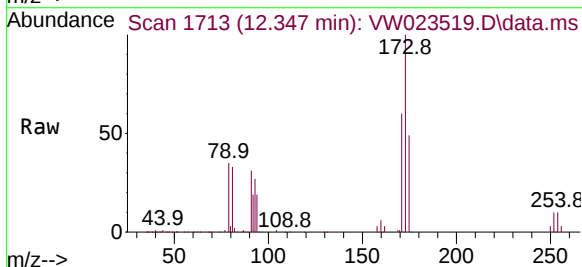
Tgt Ion:173 Resp: 67142

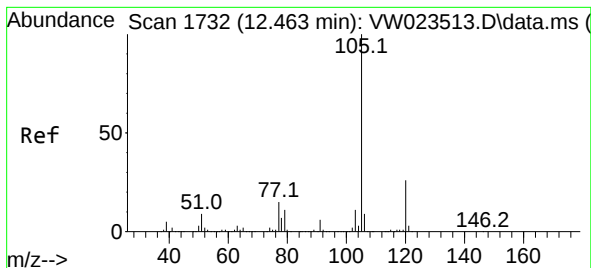
Ion Ratio Lower Upper

173 100

175 46.6 38.1 57.1

254 9.2 6.5 9.7





#60

Isopropylbenzene

Concen: 26.107 ug/L

RT: 12.463 min Scan# 1732

Delta R.T. -0.000 min

Lab File: VW023519.D

Acq: 24 Jun 2022 14:34

Instrument :

MSVOA_W

ClientSampleId :

VSTD025581

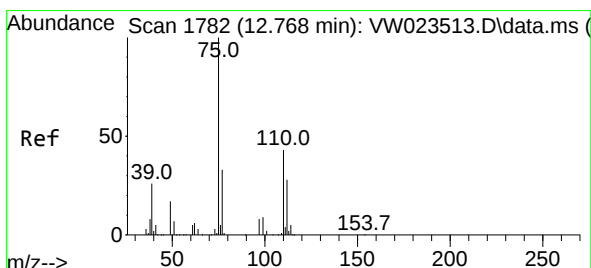
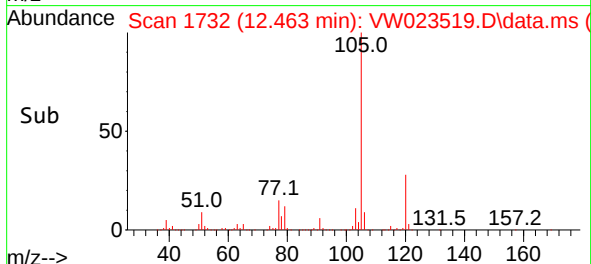
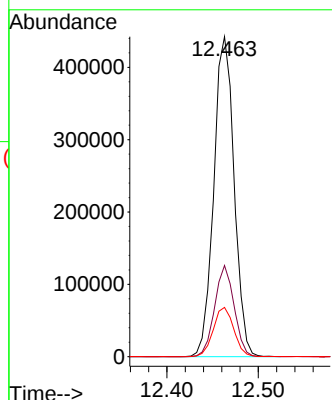
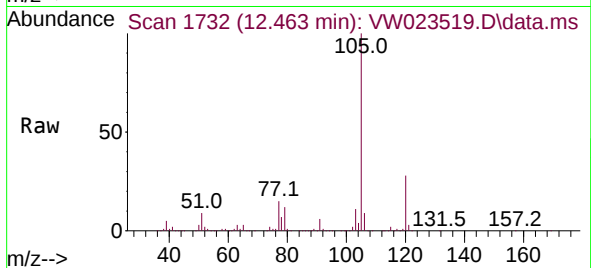
Tgt Ion:105 Resp: 683143

Ion Ratio Lower Upper

105 100

120 27.3 21.3 31.9

77 15.6 12.6 19.0



#61

1,2,3-Trichloropropane

Concen: 24.366 ug/L

RT: 12.768 min Scan# 1782

Delta R.T. -0.000 min

Lab File: VW023519.D

Acq: 24 Jun 2022 14:34

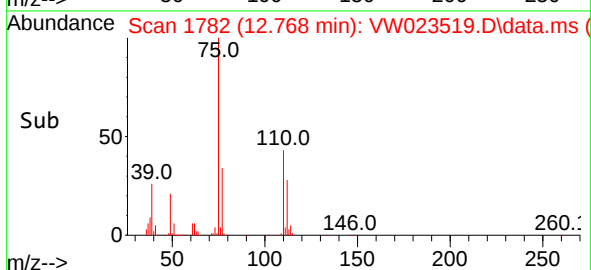
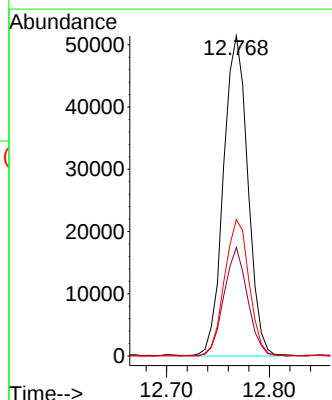
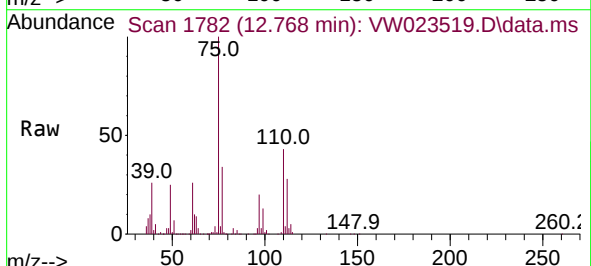
Tgt Ion: 75 Resp: 84755

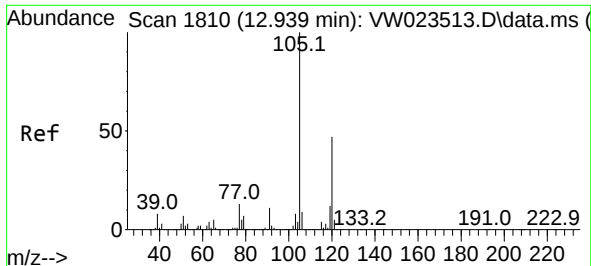
Ion Ratio Lower Upper

75 100

77 32.7 26.2 39.2

110 42.9 34.1 51.1

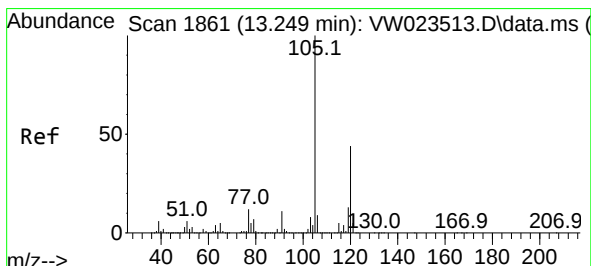
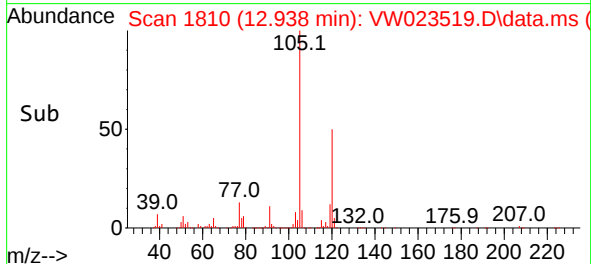
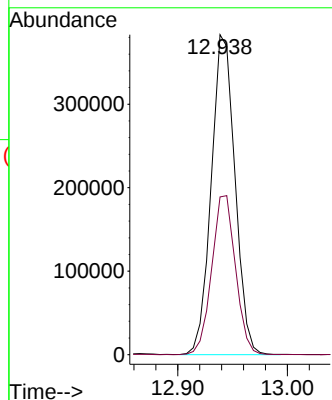
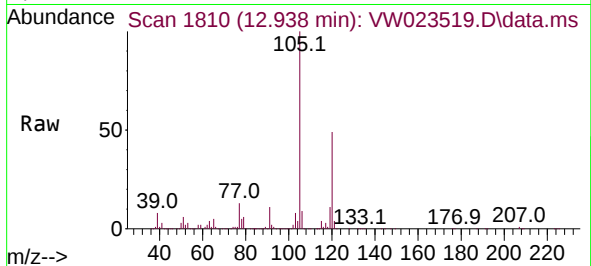




#62
1,3,5-Trimethylbenzene
Concen: 26.977 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VW023519.D
Acq: 24 Jun 2022 14:34

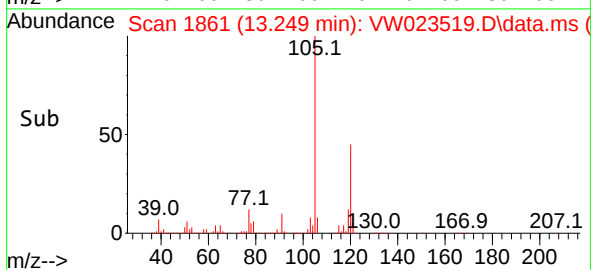
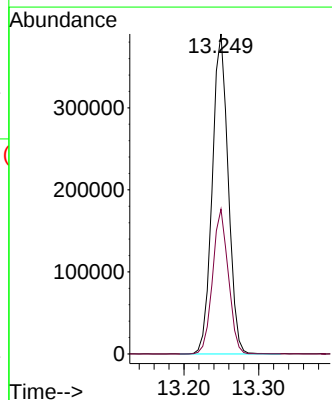
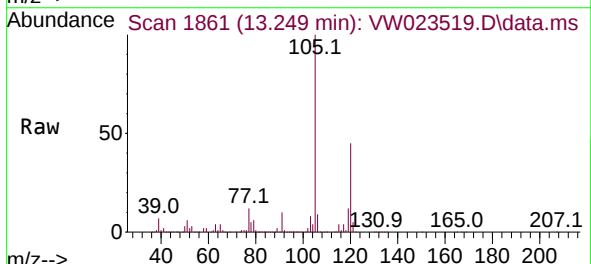
Instrument :
MSVOA_W
ClientSampleId :
VSTD025581

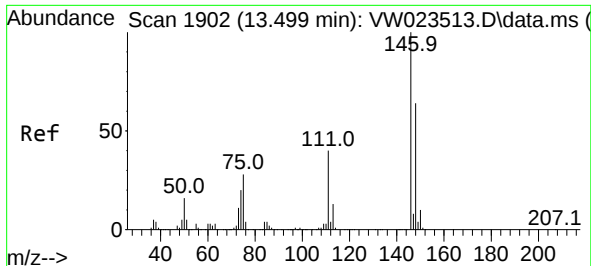
Tgt Ion:105 Resp: 577326
Ion Ratio Lower Upper
105 100
120 49.9 38.9 58.3



#63
1,2,4-Trimethylbenzene
Concen: 26.960 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW023519.D
Acq: 24 Jun 2022 14:34

Tgt Ion:105 Resp: 577388
Ion Ratio Lower Upper
105 100
120 44.6 37.4 56.2

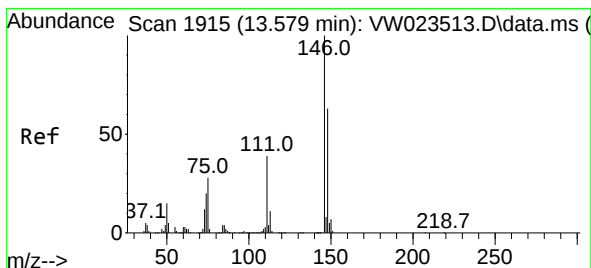
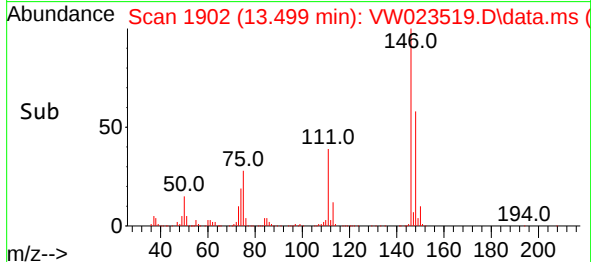
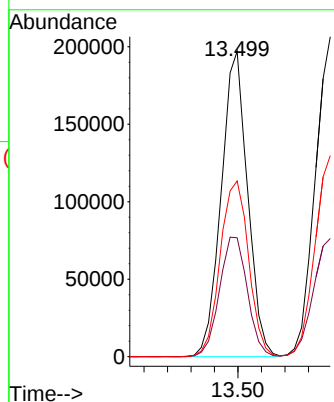
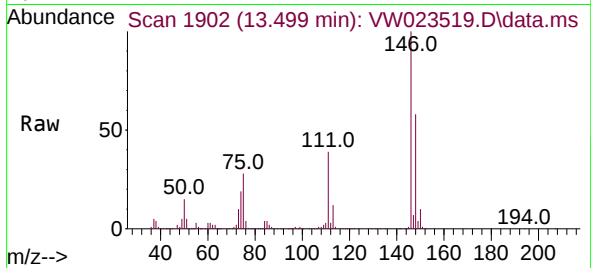




#64
1,3-Dichlorobenzene
Concen: 26.488 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. -0.000 min
Lab File: VW023519.D
Acq: 24 Jun 2022 14:34

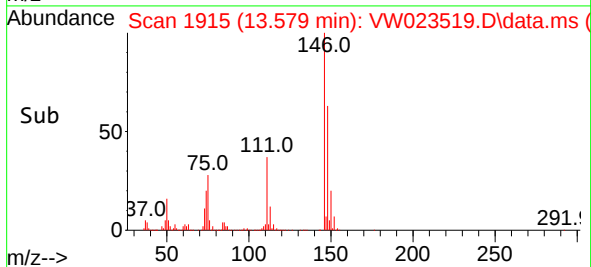
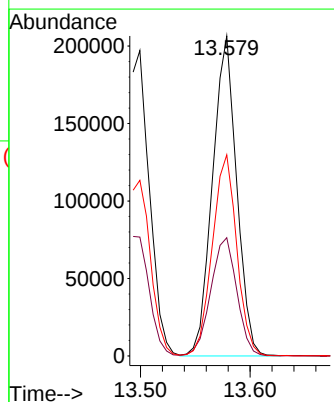
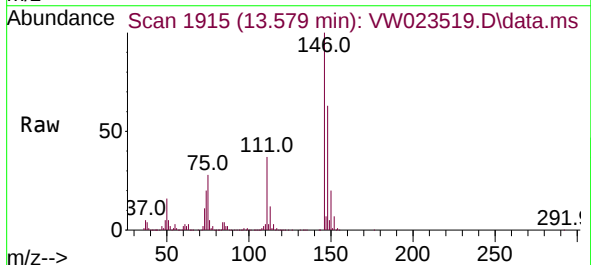
Instrument :
MSVOA_W
ClientSampleId :
VSTD025581

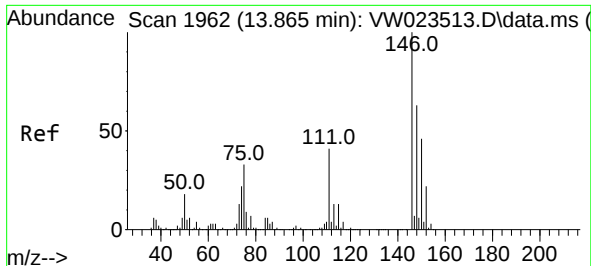
Tgt Ion:146 Resp: 307479
Ion Ratio Lower Upper
146 100
111 38.9 29.5 54.9
148 57.5 48.6 90.2



#65
1,4-Dichlorobenzene
Concen: 26.703 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VW023519.D
Acq: 24 Jun 2022 14:34

Tgt Ion:146 Resp: 316512
Ion Ratio Lower Upper
146 100
111 36.9 27.2 50.4
148 62.8 44.0 81.6





#67

1,2-Dichlorobenzene

Concen: 25.815 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.000 min

Lab File: VW023519.D

Acq: 24 Jun 2022 14:34

Instrument :

MSVOA_W

ClientSampleId :

VSTD025581

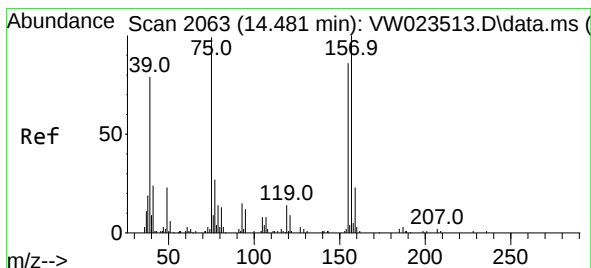
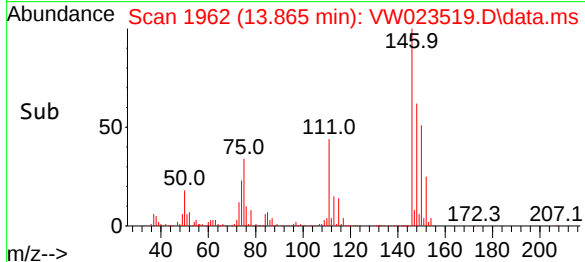
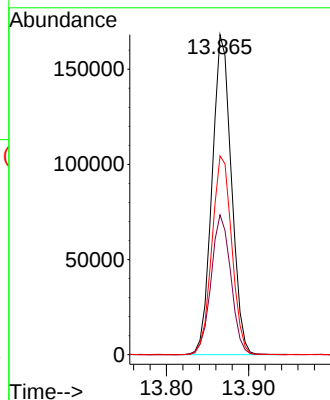
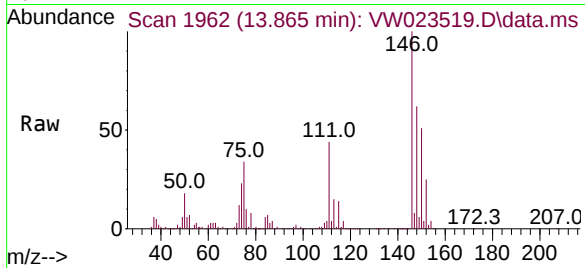
Tgt Ion:146 Resp: 274478

Ion Ratio Lower Upper

146 100

111 43.7 35.7 53.5

148 62.1 52.6 79.0



#68

1,2-Dibromo-3-chloropropane

Concen: 23.703 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW023519.D

Acq: 24 Jun 2022 14:34

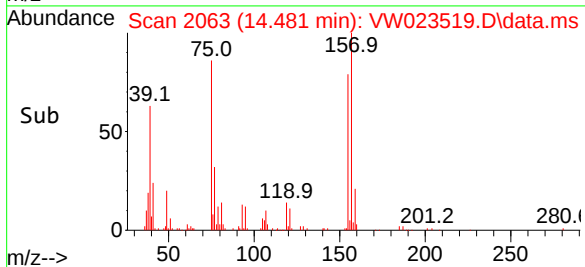
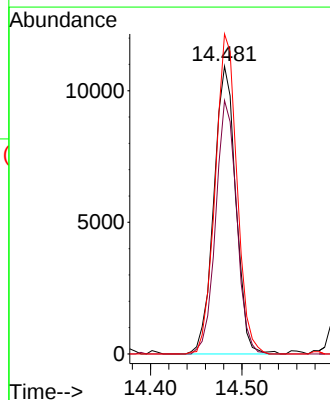
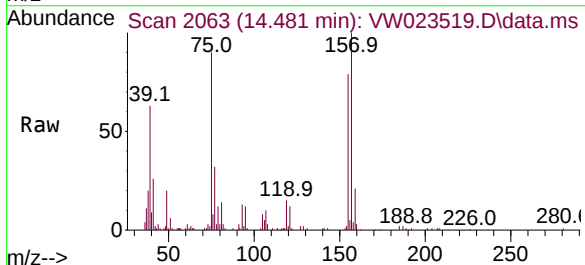
Tgt Ion: 75 Resp: 18205

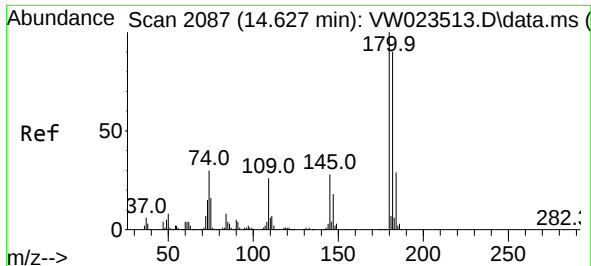
Ion Ratio Lower Upper

75 100

155 88.1 59.3 88.9

157 111.2 89.8 134.8



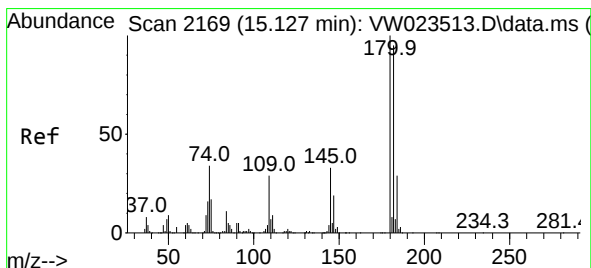
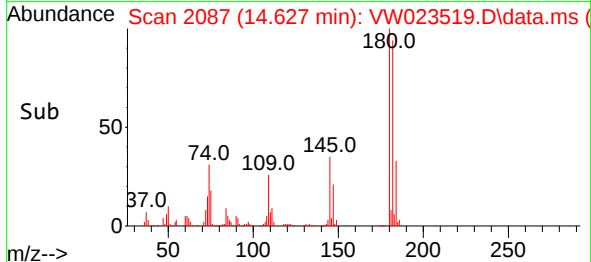
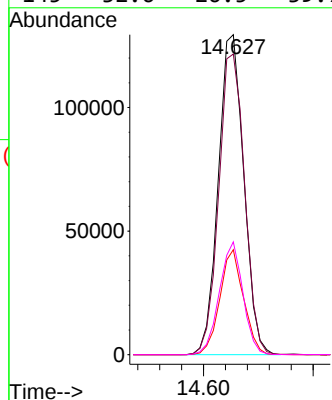
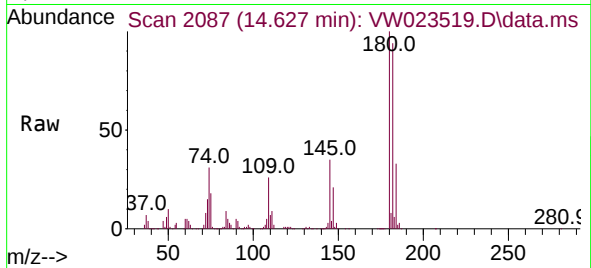


#69
1,3,5-Trichlorobenzene
Concen: 27.515 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. -0.000 min
Lab File: VW023519.D
Acq: 24 Jun 2022 14:34

Instrument :
MSVOA_W
ClientSampleId :
VSTD025581

Tgt Ion:180 Resp: 208703

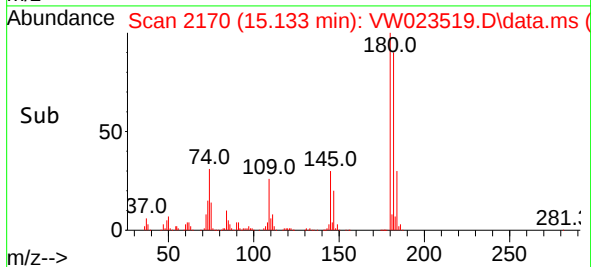
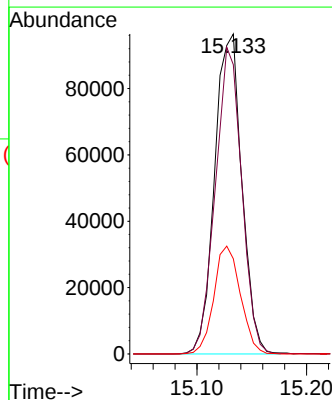
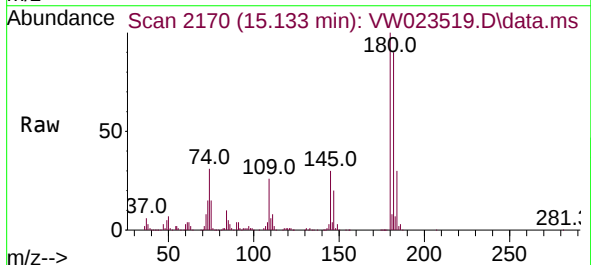
Ion	Ratio	Lower	Upper
180	100		
182	95.3	74.8	112.2
184	30.6	23.4	35.2
145	32.6	26.5	39.7

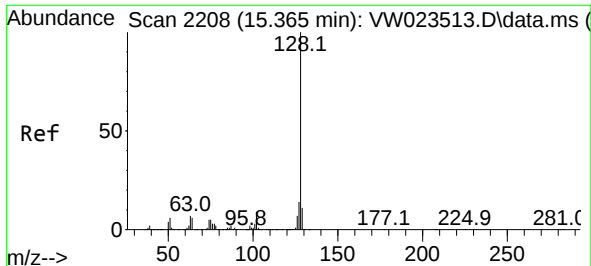


#70
1,2,4-trichlorobenzene
Concen: 28.185 ug/L
RT: 15.133 min Scan# 2170
Delta R.T. 0.006 min
Lab File: VW023519.D
Acq: 24 Jun 2022 14:34

Tgt Ion:180 Resp: 166473

Ion	Ratio	Lower	Upper
180	100		
182	92.8	74.9	112.3
145	32.9	26.6	39.8

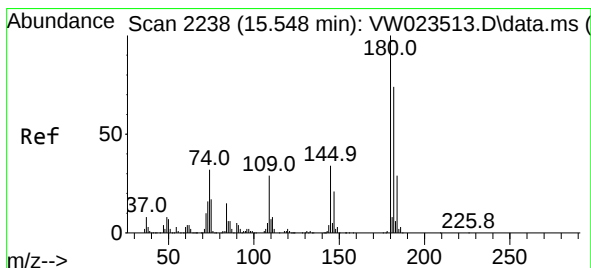
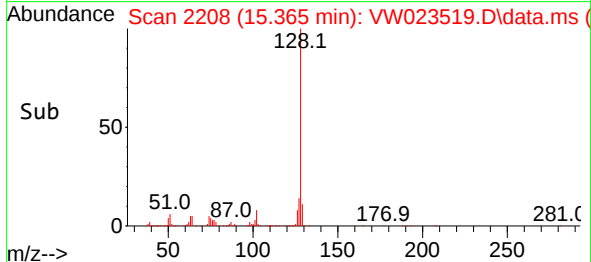
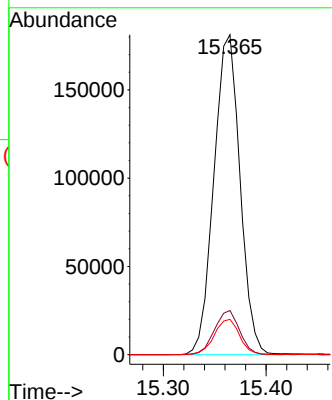
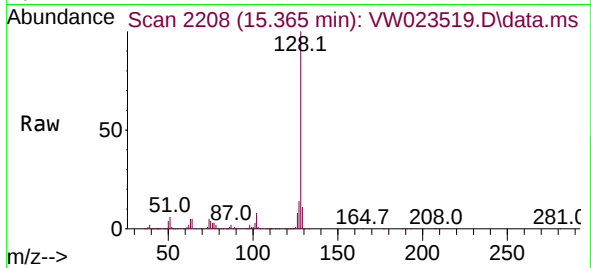




#71
Naphthalene
Concen: 27.535 ug/L
RT: 15.365 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW023519.D
Acq: 24 Jun 2022 14:34

Instrument :
MSVOA_W
ClientSampleId :
VSTD025581

Tgt Ion:128 Resp: 319924
Ion Ratio Lower Upper
128 100
127 13.3 10.6 16.0
129 10.7 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 28.292 ug/L
RT: 15.548 min Scan# 2238
Delta R.T. -0.000 min
Lab File: VW023519.D
Acq: 24 Jun 2022 14:34

Tgt Ion:180 Resp: 145271
Ion Ratio Lower Upper
180 100
182 92.9 73.5 110.3
145 35.3 27.9 41.9

