

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062822\
 Data File : VW023533.D
 Acq On : 28 Jun 2022 15:36
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025583

Quant Time: Jun 29 02:16:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062822SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jun 29 02:13:18 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	355186	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	332622	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	179876	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	98922	21.634	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.520%
7) Chloroethane-d5	2.879	69	79687	23.065	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.240%
11) 1,1-Dichloroethene-d2	4.019	63	150953	21.045	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	84.200%
21) 2-Butanone-d5	7.074	46	50625	46.521	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.040%
24) Chloroform-d	7.647	84	217071	23.802	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.200%
26) 1,2-Dichloroethane-d4	8.305	65	114251	23.797	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.200%
32) Benzene-d6	8.269	84	388818	23.644	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.560%
36) 1,2-Dichloropropane-d6	9.274	67	121594	24.800	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.200%
41) Toluene-d8	10.323	98	396830	24.688	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.760%
43) trans-1,3-Dichloroprop...	10.579	79	53827	24.254	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.000%
47) 2-Hexanone-d5	10.921	63	41873	52.747	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.500%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	115924	25.670	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.680%
66) 1,2-Dichlorobenzene-d4	13.853	152	150947	24.155	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.640%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.099	85	1561	0.898	ug/L	92
3) Chloromethane	2.209	50	130471	30.098	ug/L	95
5) Vinyl chloride	2.355	62	176876	26.955	ug/L	96
6) Bromomethane	2.770	94	94615	25.362	ug/L	100
8) Chloroethane	2.916	64	90786	26.396	ug/L	94
9) Trichlorofluoromethane	3.257	101	65565	19.074	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	106718	22.687	ug/L	100
12) 1,1-Dichloroethene	4.044	96	93606	23.007	ug/L	99
13) Acetone	4.129	43	31204	40.942	ug/L	97
14) Carbon disulfide	4.379	76	307292	24.075	ug/L	99
15) Methyl Acetate	4.672	43	42573	23.881	ug/L	98
16) Methylene chloride	4.915	84	109968	20.717	ug/L	95
17) trans-1,2-Dichloroethene	5.415	96	112226	23.459	ug/L	94
18) Methyl tert-butyl Ether	5.421	73	166956	24.414	ug/L	98
19) 1,1-Dichloroethane	6.214	63	196889	24.417	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	121261	24.066	ug/L	89
22) 2-Butanone	7.165	43	57425	44.147	ug/L	95
23) Bromochloromethane	7.506	128	54760	22.972	ug/L	95
25) Chloroform	7.671	83	215189	23.691	ug/L	94

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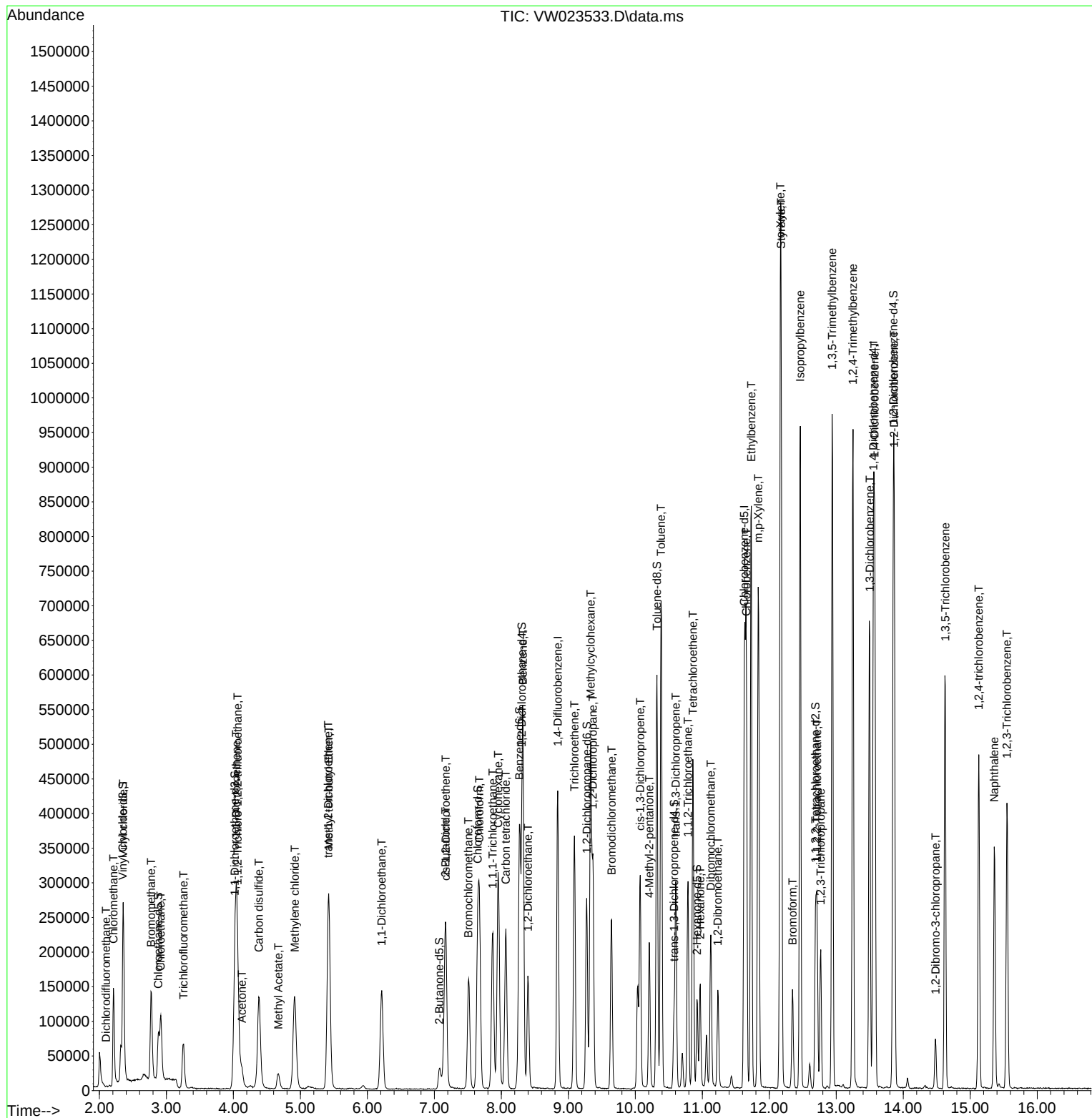
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	144225	24.694	ug/L	100
29) Cyclohexane	7.952	56	164486	24.295	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	179340	22.851	ug/L	98
31) Carbon tetrachloride	8.067	117	163913	22.743	ug/L	98
33) Benzene	8.323	78	468689	24.553	ug/L	100
34) Trichloroethene	9.092	95	123919	23.563	ug/L	94
35) Methylcyclohexane	9.335	83	201024	24.030	ug/L	98
37) 1,2-Dichloropropane	9.366	63	111545	24.574	ug/L	100
38) Bromodichloromethane	9.646	83	162540	25.000	ug/L	96
39) cis-1,3-Dichloropropene	10.073	75	173191	24.885	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	129688	50.841	ug/L	99
42) Toluene	10.384	91	526128	25.052	ug/L	100
44) trans-1,3-Dichloropropene	10.603	75	155165	25.253	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	91502	24.738	ug/L	97
46) Tetrachloroethene	10.860	164	94298	22.716	ug/L	99
48) 2-Hexanone	10.969	43	87553	50.607	ug/L	98
49) Dibromochloromethane	11.128	129	113997	25.279	ug/L	97
50) 1,2-Dibromoethane	11.231	107	89084	24.760	ug/L	93
51) Chlorobenzene	11.658	112	340547	23.884	ug/L	98
52) Ethylbenzene	11.731	91	587468	25.112	ug/L	99
53) m,p-Xylene	11.835	106	230183	24.895	ug/L	90
54) o-Xylene	12.164	106	222226	25.853	ug/L	98
55) Styrene	12.176	104	390314	26.223	ug/L	94
57) 1,1,2,2-Tetrachloroethane	12.713	83	112712	25.256	ug/L	98
59) Bromoform	12.347	173	58133	23.198	ug/L	97
60) Isopropylbenzene	12.463	105	600532	24.398	ug/L	98
61) 1,2,3-Trichloropropane	12.768	75	77790	23.307	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	506455	25.103	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	500367	25.138	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	273048	24.096	ug/L	95
65) 1,4-Dichlorobenzene	13.572	146	269793	23.191	ug/L	95
67) 1,2-Dichlorobenzene	13.865	146	253458	24.808	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	16847	21.984	ug/L #	73
69) 1,3,5-Trichlorobenzene	14.627	180	173728	23.406	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	141009	24.619	ug/L	97
71) Naphthalene	15.359	128	289177	26.612	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	127524	25.755	ug/L	98

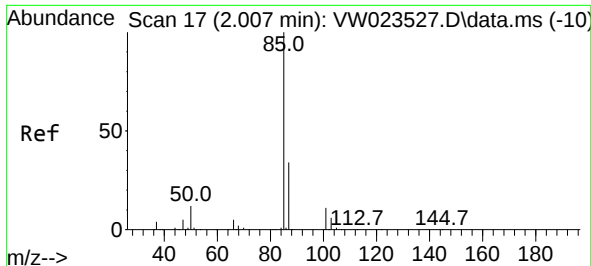
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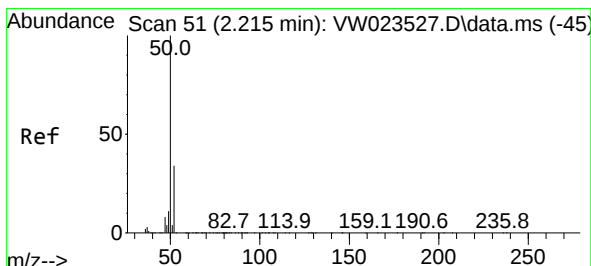
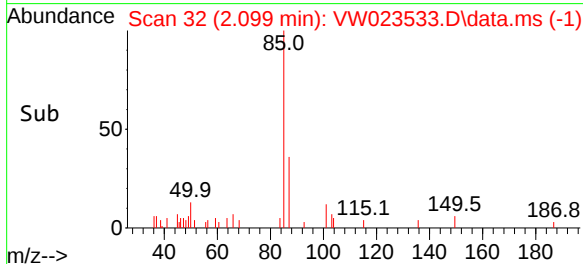
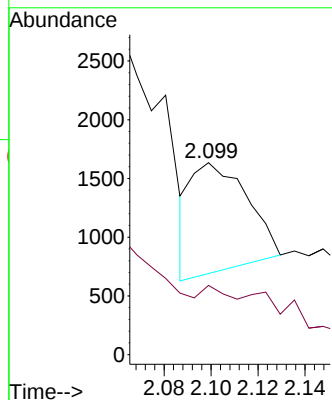
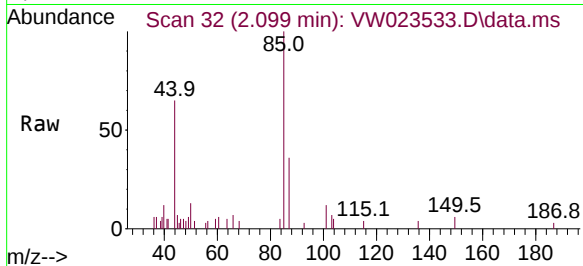




#2
Dichlorodifluoromethane
Concen: 0.898 ug/L
RT: 2.099 min Scan# 31
Delta R.T. 0.092 min
Lab File: VW023533.D
Acq: 28 Jun 2022 15:36

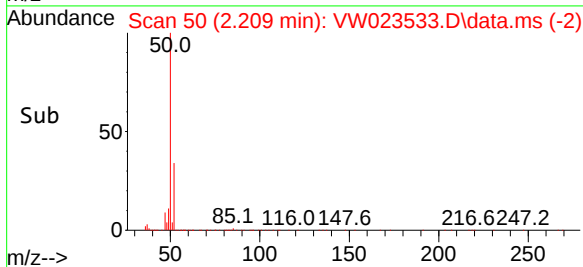
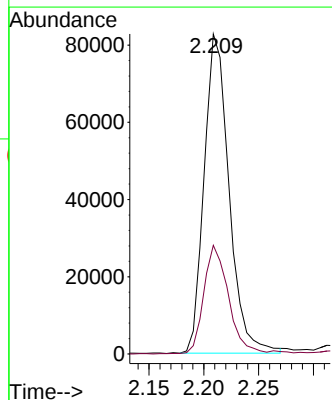
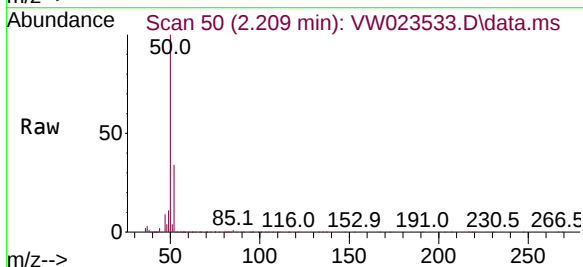
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MSVOA_W
ClientSampleId :
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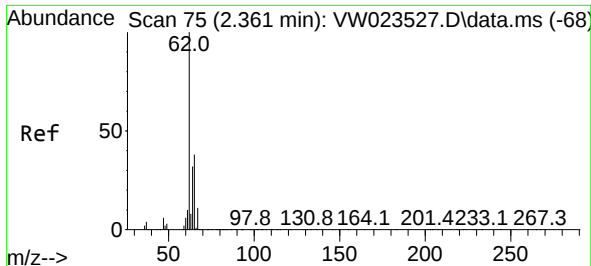
Tgt Ion: 85 Resp: 1561
Ion Ratio Lower Upper
85 100
87 30.5 21.0 31.4



#3
Chloromethane
Concen: 30.098 ug/L
RT: 2.209 min Scan# 50
Delta R.T. -0.006 min
Lab File: VW023533.D
Acq: 28 Jun 2022 15:36

Tgt Ion: 50 Resp: 130471
Ion Ratio Lower Upper
50 100
52 34.0 21.8 40.4

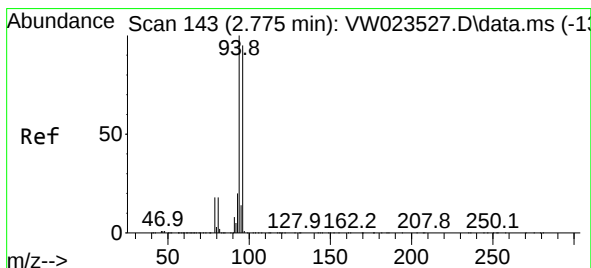
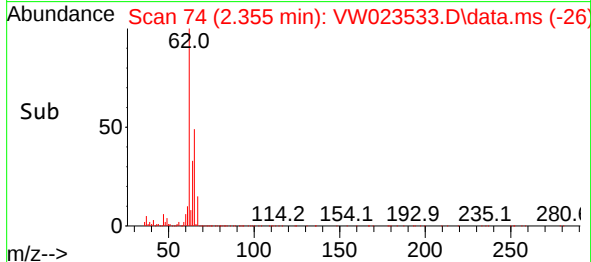
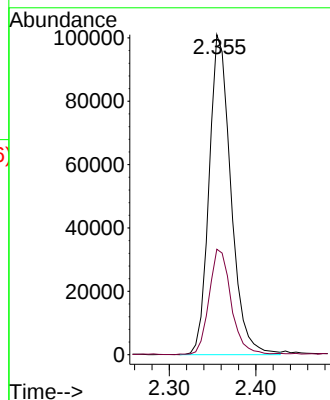
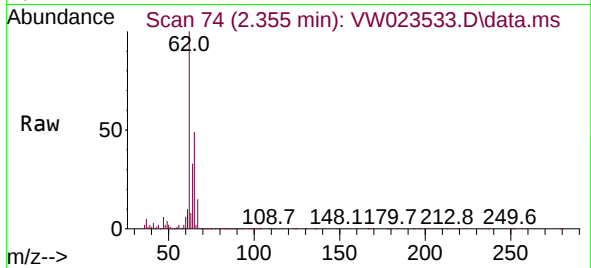




#5
 Vinyl chloride
 Concen: 26.955 ug/L
 RT: 2.355 min Scan# 74
 Delta R.T. -0.006 min
 Lab File: VW023533.D
 Acq: 28 Jun 2022 15:36

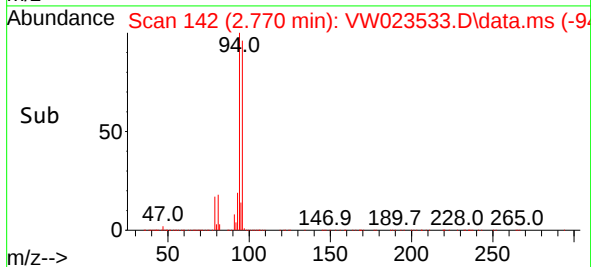
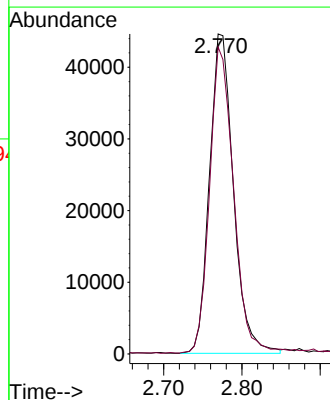
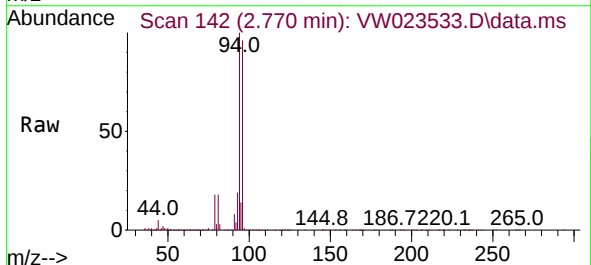
Instrument :
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 ClientSampleId :
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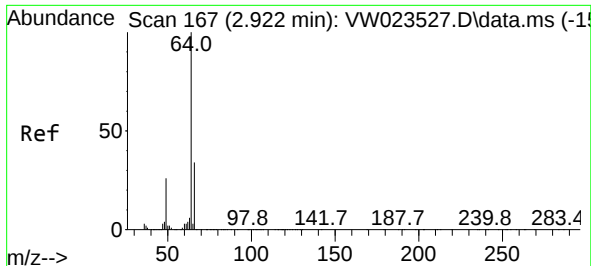
Tgt Ion: 62 Resp: 176876
 Ion Ratio Lower Upper
 62 100
 64 33.0 24.6 45.6



#6
 Bromomethane
 Concen: 25.362 ug/L
 RT: 2.770 min Scan# 142
 Delta R.T. -0.006 min
 Lab File: VW023533.D
 Acq: 28 Jun 2022 15:36

Tgt Ion: 94 Resp: 94615
 Ion Ratio Lower Upper
 94 100
 96 95.9 67.0 124.4

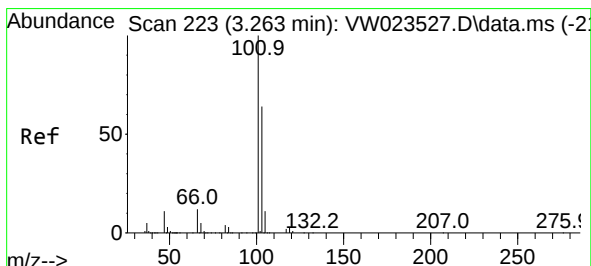
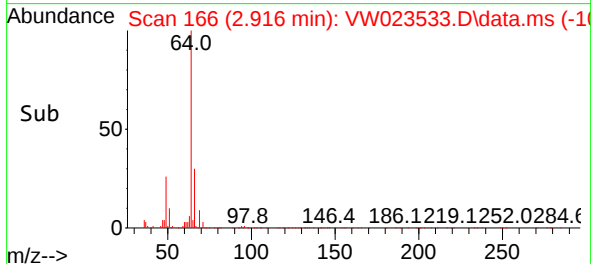
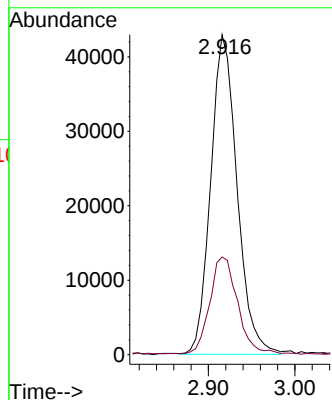
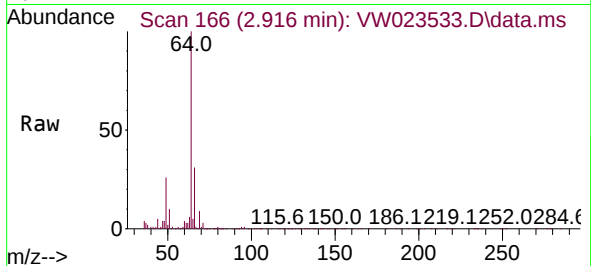




#8
Chloroethane
Concen: 26.396 ug/L
RT: 2.916 min Scan# 166
Delta R.T. -0.006 min
Lab File: VW023533.D
Acq: 28 Jun 2022 15:36

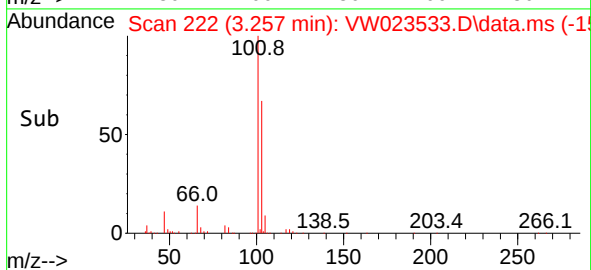
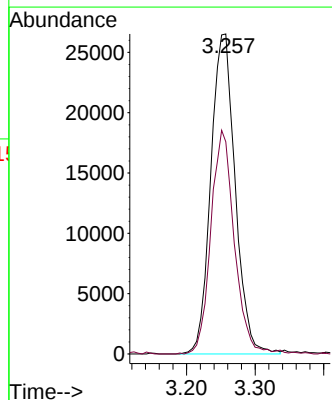
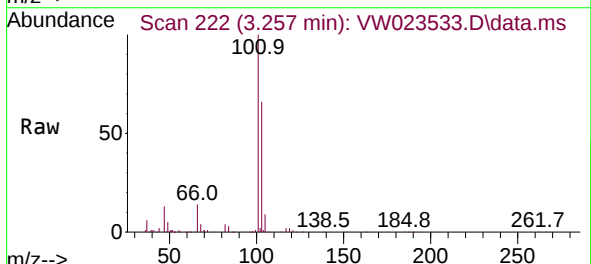
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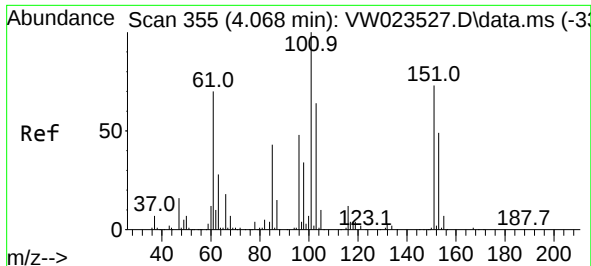
Tgt Ion: 64 Resp: 90786
Ion Ratio Lower Upper
64 100
66 30.5 23.6 43.8



#9
Trichlorofluoromethane
Concen: 19.074 ug/L
RT: 3.257 min Scan# 222
Delta R.T. -0.006 min
Lab File: VW023533.D
Acq: 28 Jun 2022 15:36

Tgt Ion: 101 Resp: 65565
Ion Ratio Lower Upper
101 100
103 66.8 53.1 79.7





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 22.687 ug/L

RT: 4.062 min Scan# 3

Delta R.T. -0.006 min

Lab File: VW023533.D

Acq: 28 Jun 2022 15:36

Instrument :

MSVOA_W

ClientSampleId :

VSTD025583

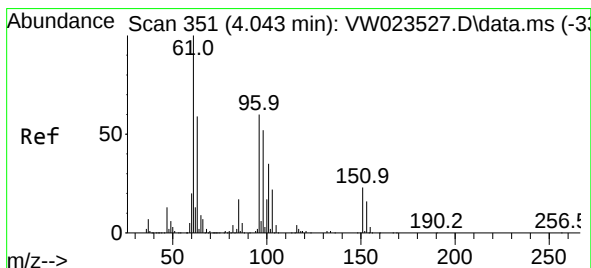
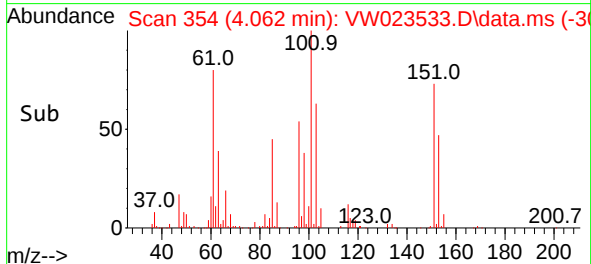
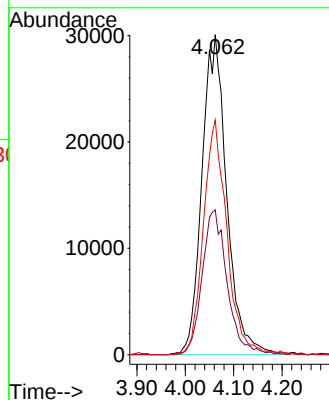
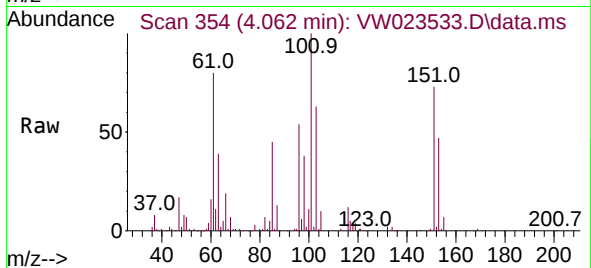
Tgt Ion:101 Resp: 106718

Ion Ratio Lower Upper

101 100

85 45.4 36.4 54.6

151 69.3 55.4 83.0



#12

1,1-Dichloroethene

Concen: 23.007 ug/L

RT: 4.044 min Scan# 351

Delta R.T. 0.000 min

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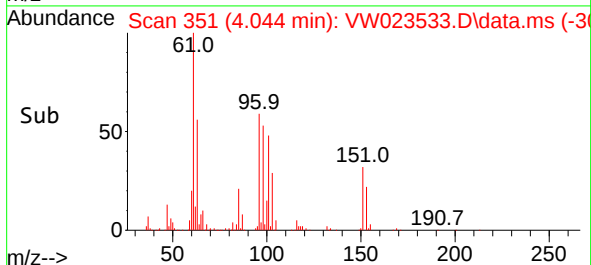
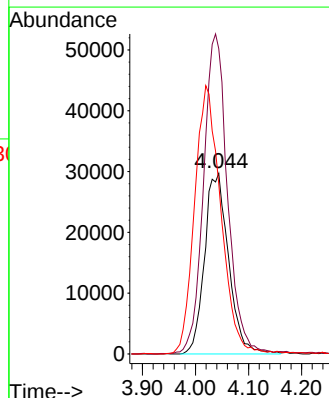
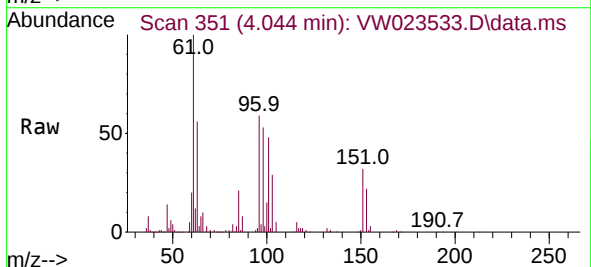
Tgt Ion: 96 Resp: 93606

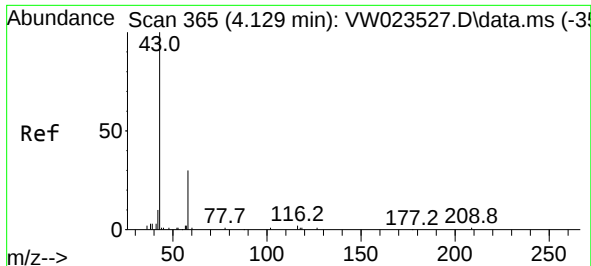
Ion Ratio Lower Upper

96 100

61 168.9 118.4 219.8

63 94.2 67.4 125.2

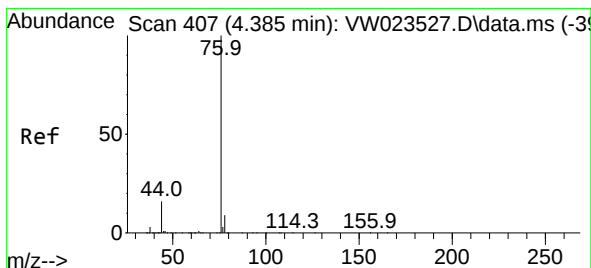
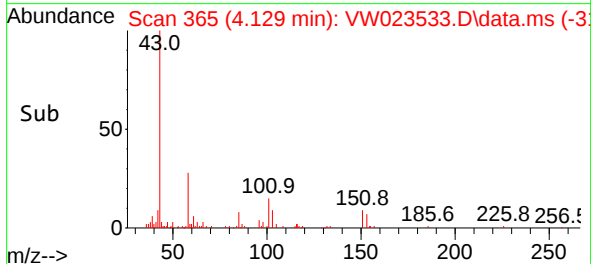
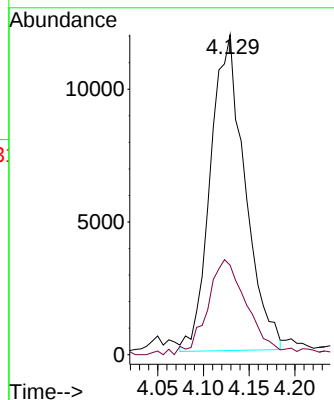
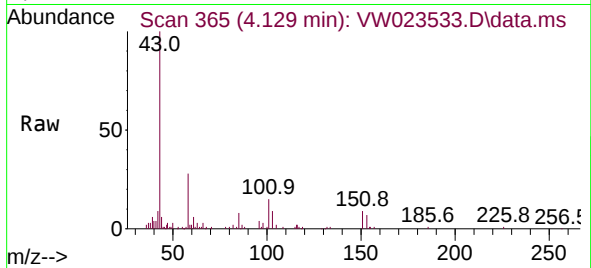




#13
Acetone
Concen: 40.942 ug/L
RT: 4.129 min Scan# 365
Delta R.T. 0.000 min
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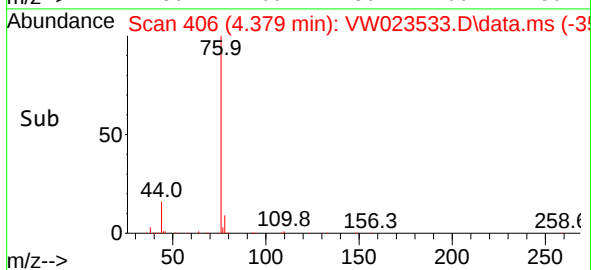
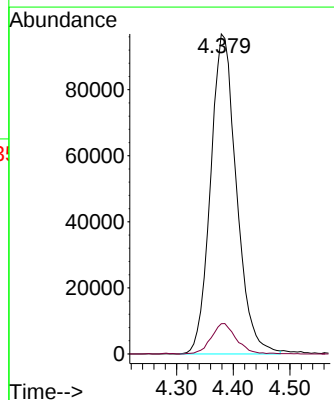
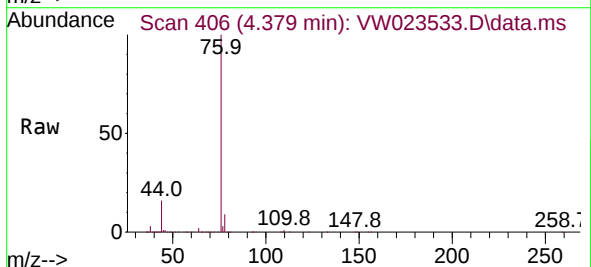
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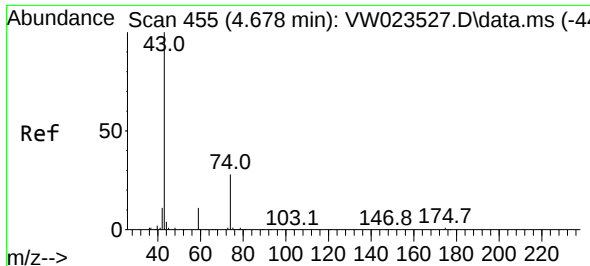
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Ion Ratio Lower Upper
43 100
58 33.3 0.0 63.2



#14
Carbon disulfide
Concen: 24.075 ug/L
RT: 4.379 min Scan# 406
Delta R.T. -0.006 min
Lab File: VW023533.D
Acq: 28 Jun 2022 15:36

Tgt Ion: 76 Resp: 307292
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.0

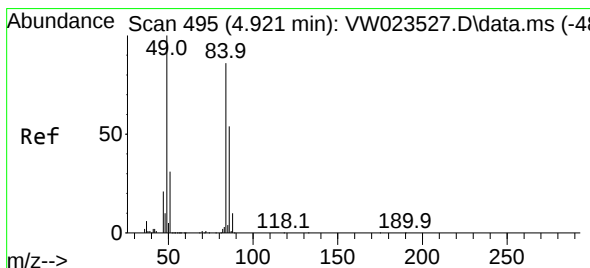
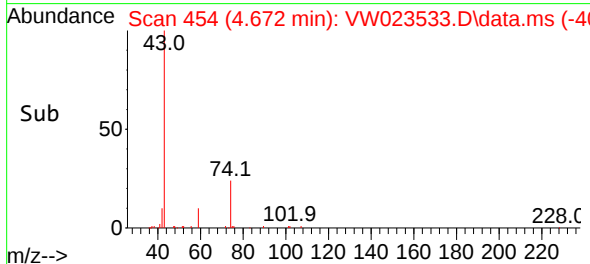
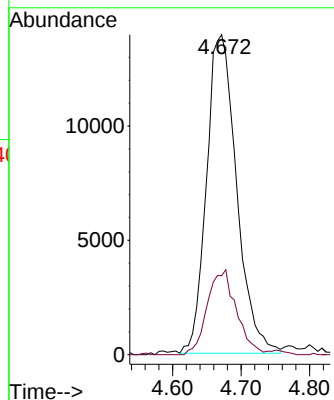
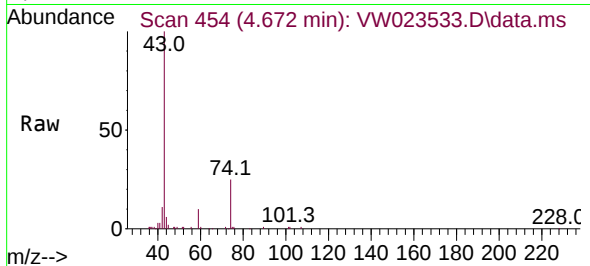




#15
Methyl Acetate
Concen: 23.881 ug/L
RT: 4.672 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW023533.D
Acq: 28 Jun 2022 15:36

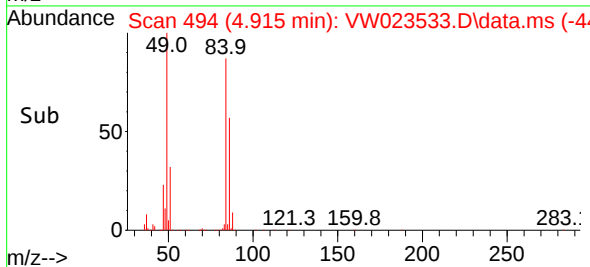
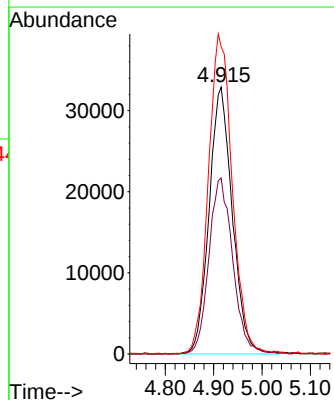
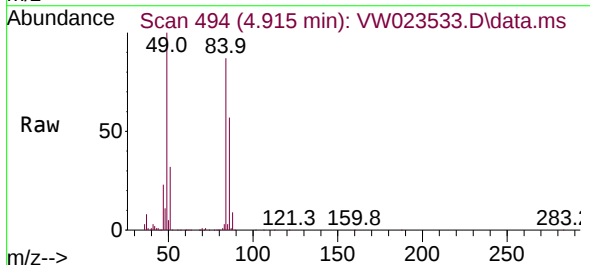
Instrument :
MSVOA_W
ClientSampleId :
VSTD025583

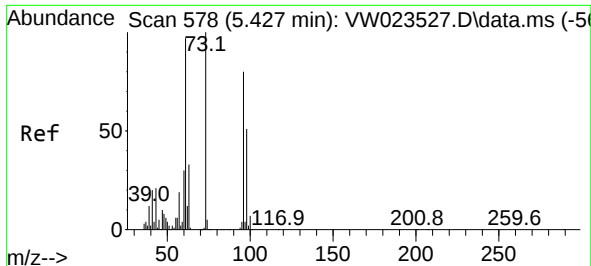
Tgt Ion: 43 Resp: 42573
Ion Ratio Lower Upper
43 100
74 25.6 21.5 32.3



#16
Methylene chloride
Concen: 20.717 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.006 min
Lab File: VW023533.D
Acq: 28 Jun 2022 15:36

Tgt Ion: 84 Resp: 109968
Ion Ratio Lower Upper
84 100
86 66.0 47.8 88.8
49 115.2 85.0 157.8





#17

trans-1,2-Dichloroethene

Concen: 23.459 ug/L

RT: 5.415 min Scan# 51

Delta R.T. -0.012 min

Lab File: VW023533.D

Acq: 28 Jun 2022 15:36

Instrument :

MSVOA_W

ClientSampleId :

VSTD025583

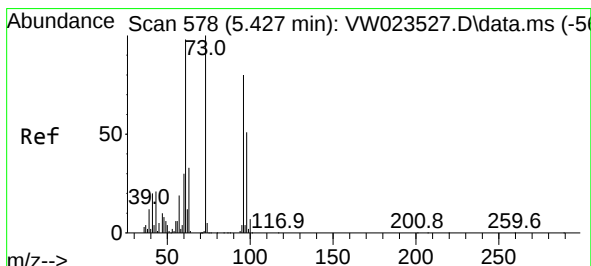
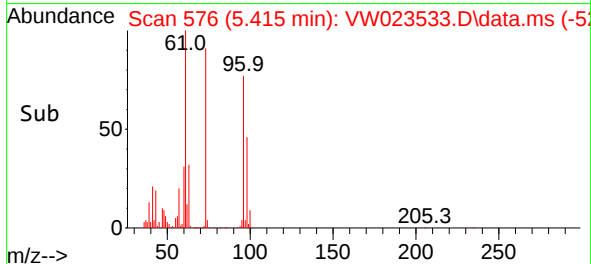
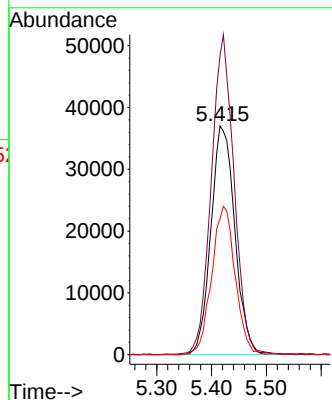
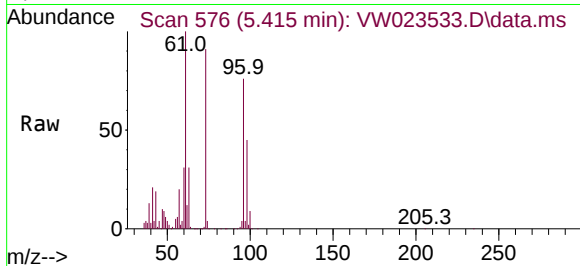
Tgt Ion: 96 Resp: 112226

Ion Ratio Lower Upper

96 100

61 130.9 87.0 161.6

98 59.5 45.1 83.7



#18

Methyl tert-butyl Ether

Concen: 24.414 ug/L

RT: 5.421 min Scan# 577

Delta R.T. -0.006 min

Lab File: VW023533.D

Acq: 28 Jun 2022 15:36

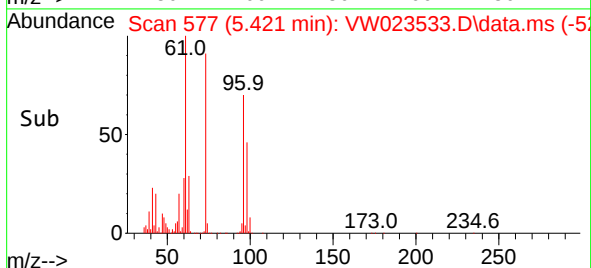
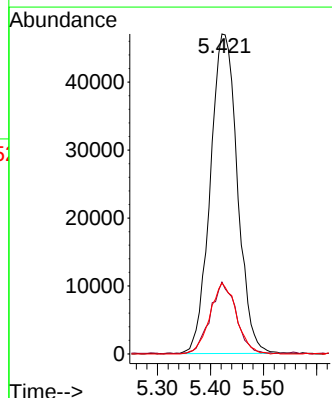
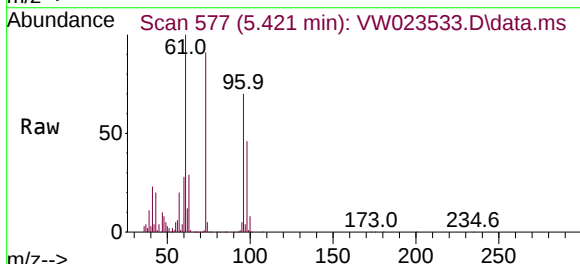
Tgt Ion: 73 Resp: 166956

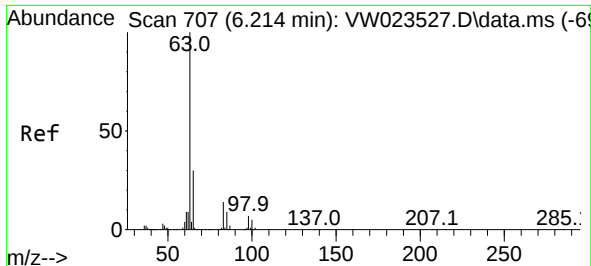
Ion Ratio Lower Upper

73 100

43 21.5 16.0 24.0

57 21.7 16.7 25.1





#19

1,1-Dichloroethane

Concen: 24.417 ug/L

RT: 6.214 min Scan# 707

Delta R.T. 0.000 min

Lab File: VW023533.D

Acq: 28 Jun 2022 15:36

Instrument :

MSVOA_W

ClientSampleId :

VSTD025583

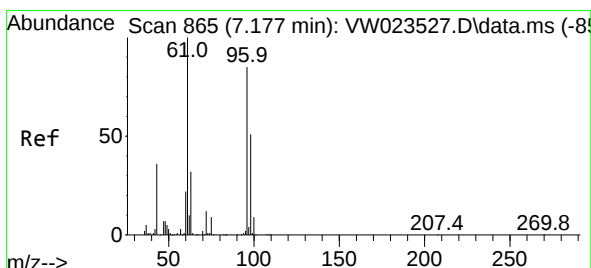
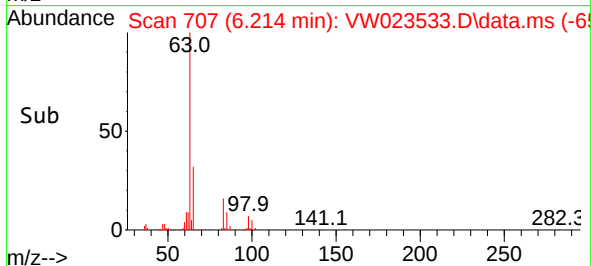
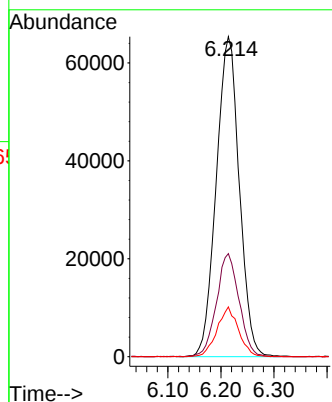
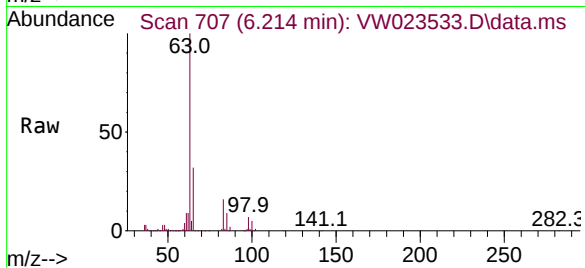
Tgt Ion: 63 Resp: 196889

Ion Ratio Lower Upper

63 100

65 32.2 23.2 43.2

83 15.5 10.7 19.9



#20

cis-1,2-Dichloroethene

Concen: 24.066 ug/L

RT: 7.171 min Scan# 864

Delta R.T. -0.006 min

Lab File: VW023533.D

Acq: 28 Jun 2022 15:36

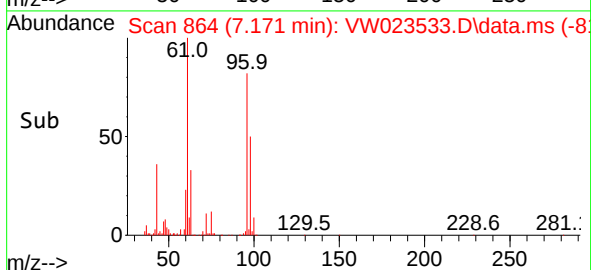
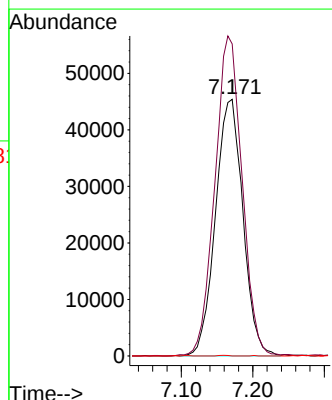
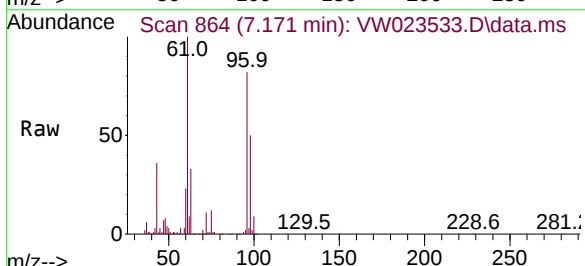
Tgt Ion: 96 Resp: 121261

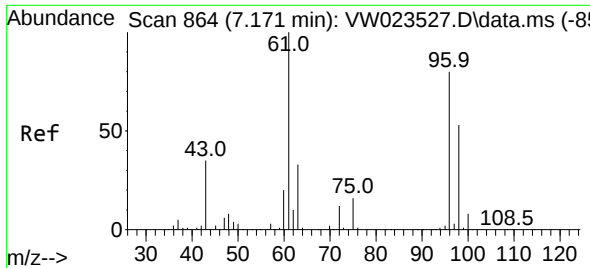
Ion Ratio Lower Upper

96 100

61 121.6 77.1 143.3

68 0.0 0.0 0.0

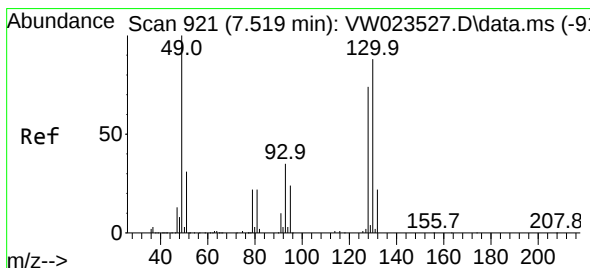
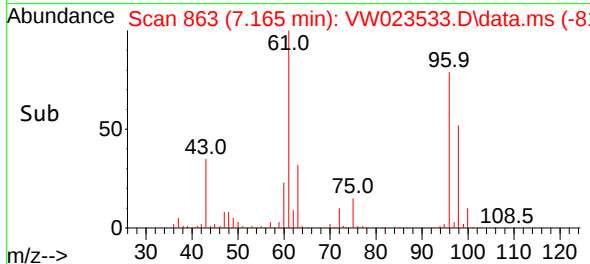
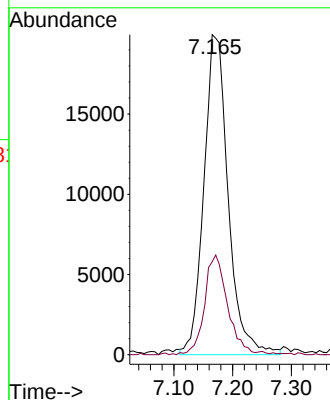
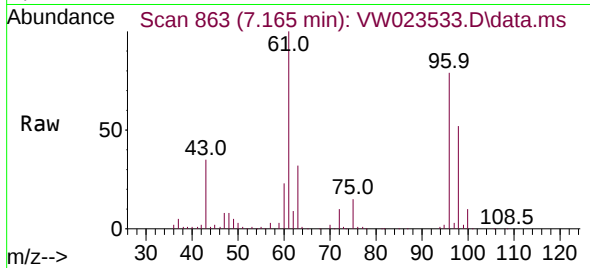




#22
2-Butanone
Concen: 44.147 ug/L
RT: 7.165 min Scan# 863
Delta R.T. -0.006 min
Lab File: VW023533.D
Acq: 28 Jun 2022 15:36

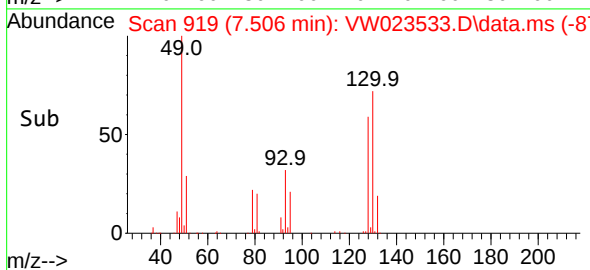
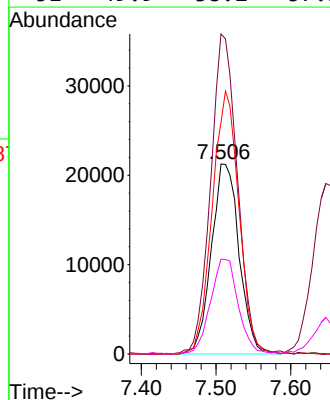
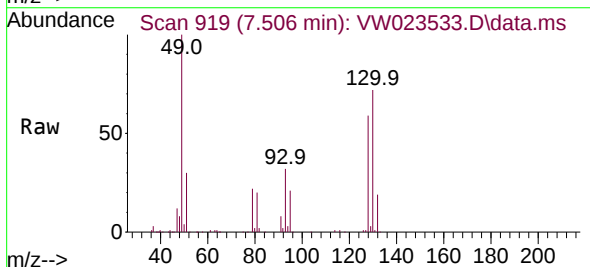
Instrument :
MSVOA_W
ClientSampleId :
VSTD025583

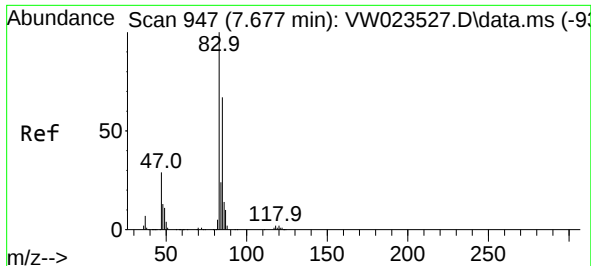
Tgt Ion: 43 Resp: 57425
Ion Ratio Lower Upper
43 100
72 29.1 15.9 47.6



#23
Bromochloromethane
Concen: 22.972 ug/L
RT: 7.506 min Scan# 919
Delta R.T. -0.012 min
Lab File: VW023533.D
Acq: 28 Jun 2022 15:36

Tgt Ion: 128 Resp: 54760
Ion Ratio Lower Upper
128 100
49 168.4 111.6 207.2
130 121.8 83.6 155.2
51 49.9 38.2 57.2

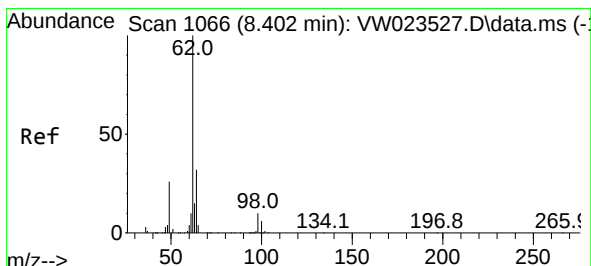
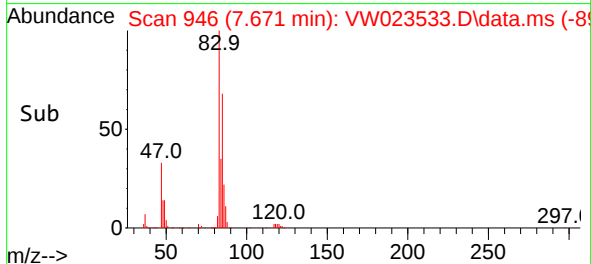
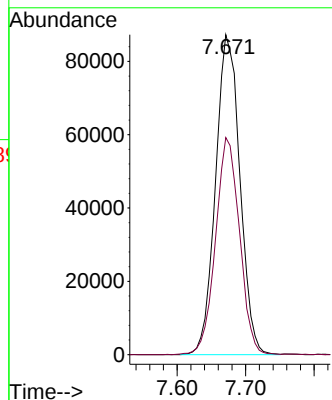
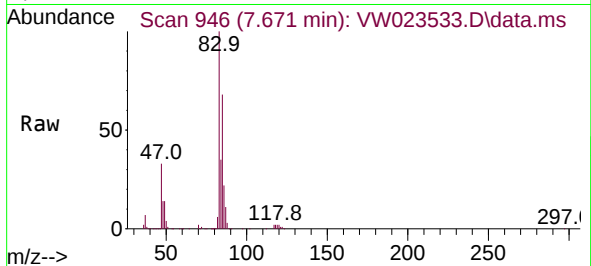




#25
Chloroform
Concen: 23.691 ug/L
RT: 7.671 min Scan# 947
Delta R.T. -0.006 min
Lab File: VW023533.D
Acq: 28 Jun 2022 15:36

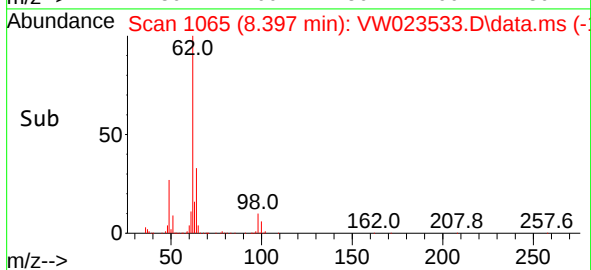
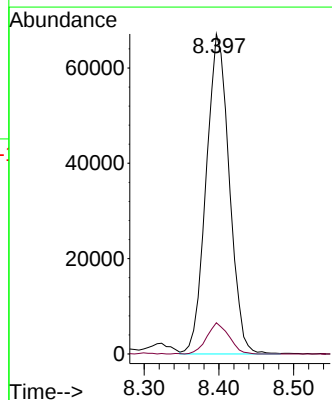
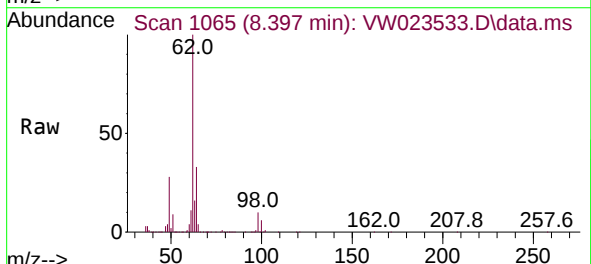
Instrument :
MSVOA_W
ClientSampleId :
VSTD025583

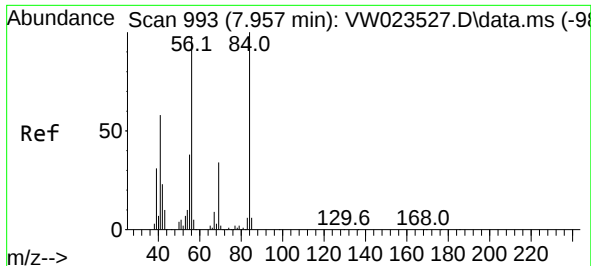
Tgt Ion: 83 Resp: 215189
Ion Ratio Lower Upper
83 100
85 67.9 44.1 81.9



#27
1,2-Dichloroethane
Concen: 24.694 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VW023533.D
Acq: 28 Jun 2022 15:36

Tgt Ion: 62 Resp: 144225
Ion Ratio Lower Upper
62 100
98 9.7 7.8 11.6





#29

Cyclohexane

Concen: 24.295 ug/L

RT: 7.952 min Scan# 993

Delta R.T. -0.006 min

Lab File: VW023533.D

Acq: 28 Jun 2022 15:36

Instrument :

MSVOA_W

ClientSampleId :

VSTD025583

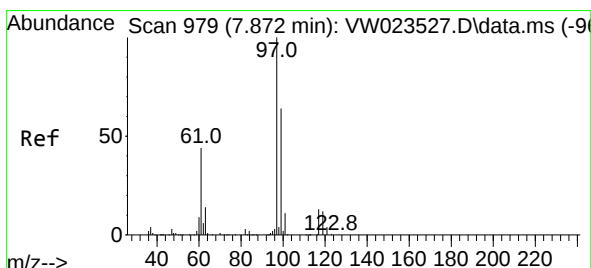
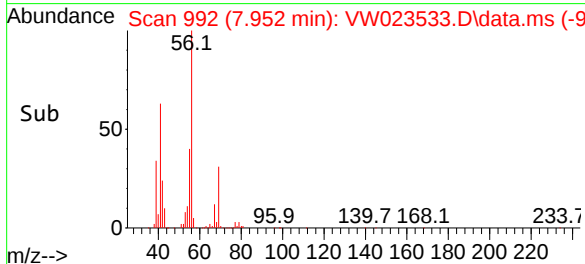
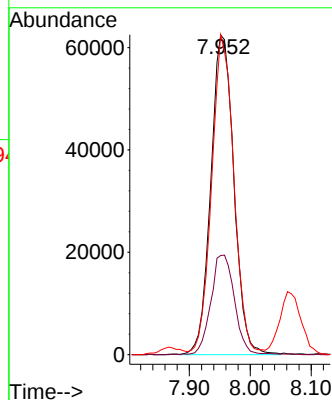
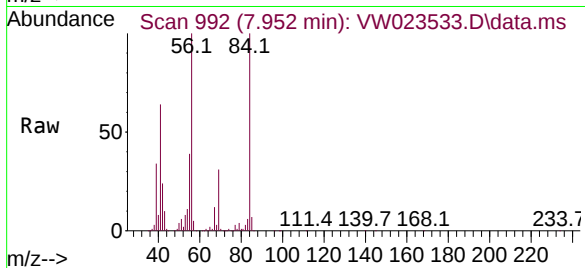
Tgt Ion: 56 Resp: 164486

Ion Ratio Lower Upper

56 100

69 31.3 25.6 38.4

84 96.3 75.8 113.8



#30

1,1,1-Trichloroethane

Concen: 22.851 ug/L

RT: 7.872 min Scan# 979

Delta R.T. 0.000 min

Lab File: VW023533.D

Acq: 28 Jun 2022 15:36

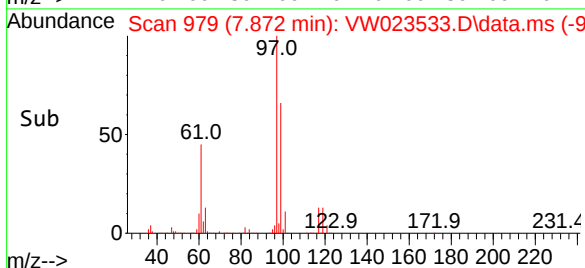
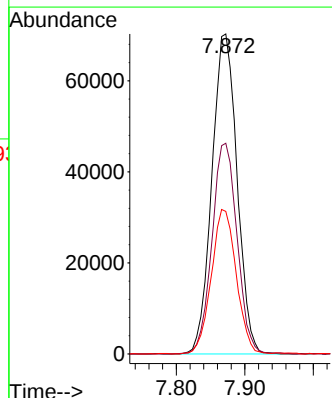
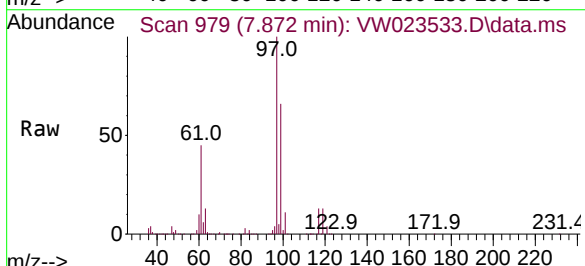
Tgt Ion: 97 Resp: 179340

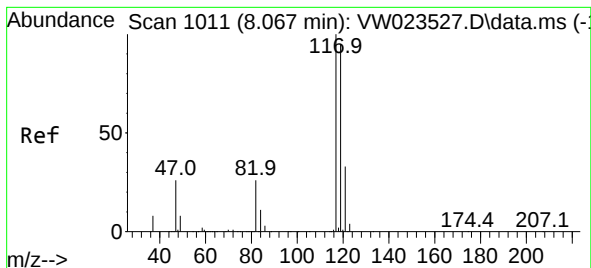
Ion Ratio Lower Upper

97 100

99 65.5 50.6 75.8

61 44.9 35.1 52.7





#31

Carbon tetrachloride

Concen: 22.743 ug/L

RT: 8.067 min Scan# 1011

Delta R.T. 0.000 min

Lab File: VW023533.D

Acq: 28 Jun 2022 15:36

Instrument :

MSVOA_W

ClientSampleId :

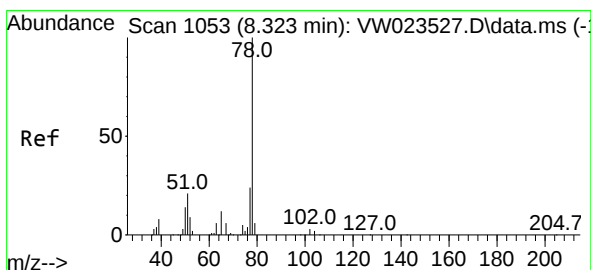
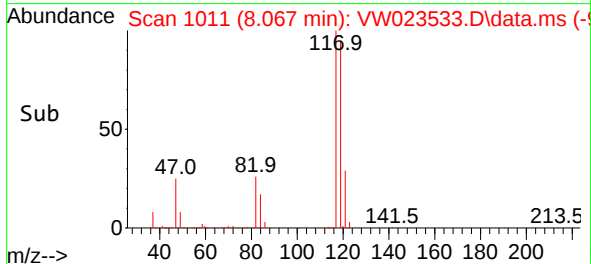
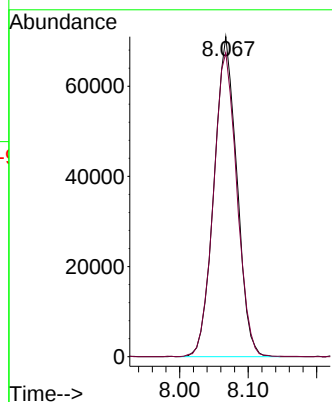
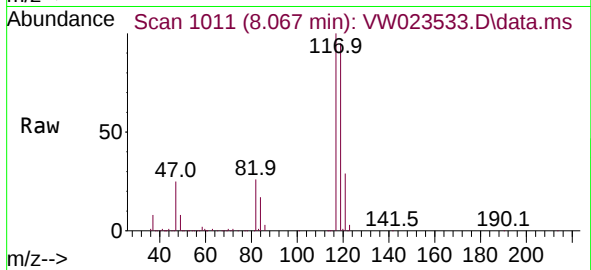
VSTD025583

Tgt Ion:117 Resp: 163913

Ion Ratio Lower Upper

117 100

119 97.5 76.6 114.8



#33

Benzene

Concen: 24.553 ug/L

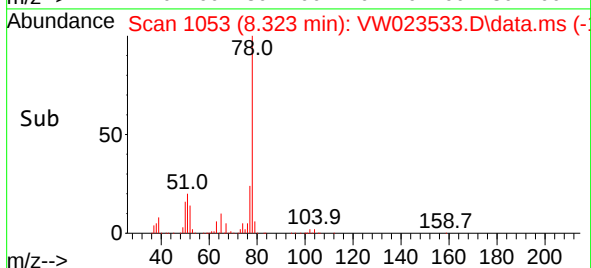
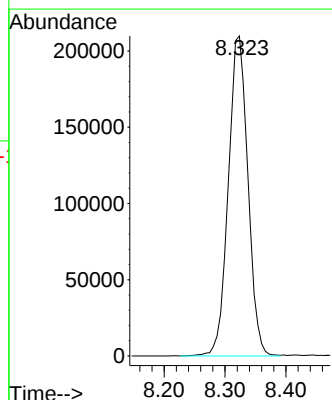
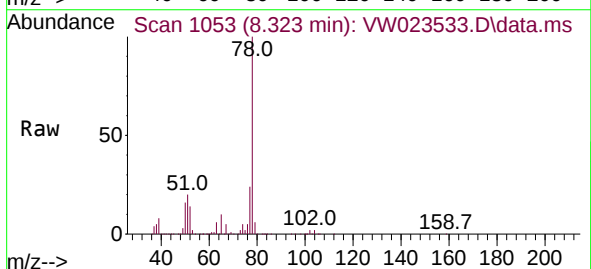
RT: 8.323 min Scan# 1053

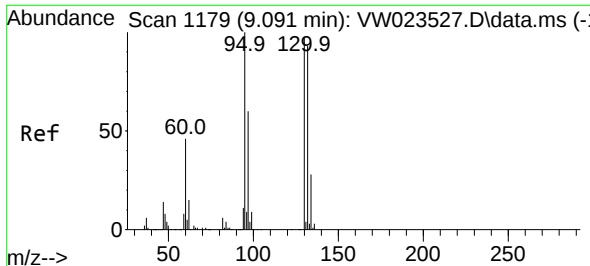
Delta R.T. 0.000 min

Lab File: VW023533.D

Acq: 28 Jun 2022 15:36

Tgt Ion: 78 Resp: 468689



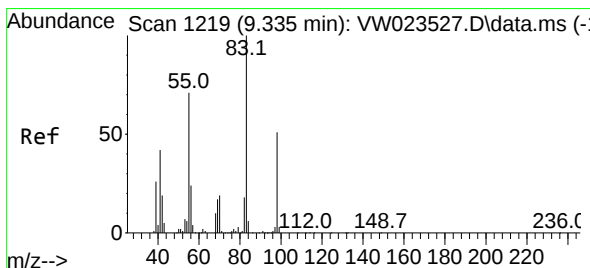
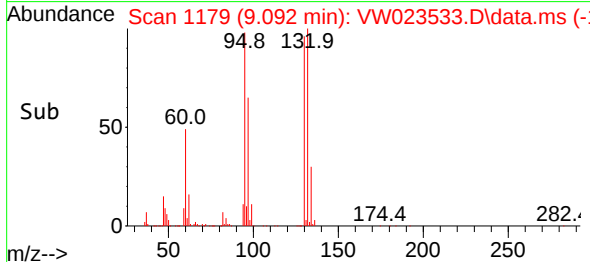
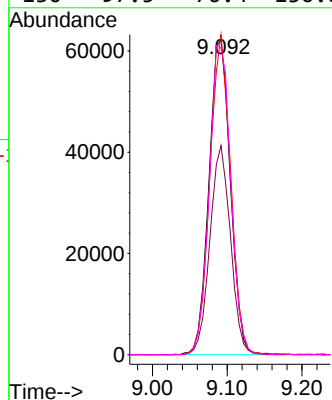
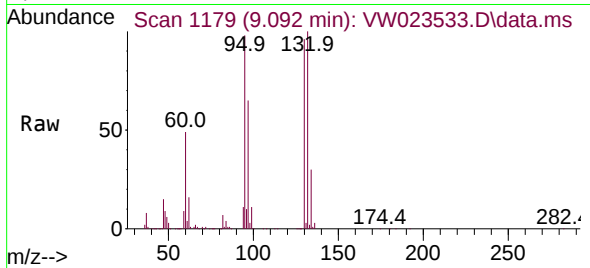


#34
Trichloroethene
Concen: 23.563 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW023533.D
Acq: 28 Jun 2022 15:36

Instrument :
MSVOA_W
ClientSampleId :
VSTD025583

Tgt Ion: 95 Resp: 123919

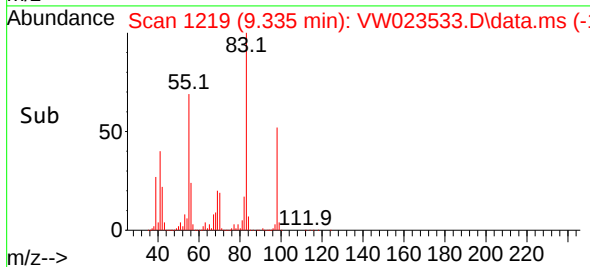
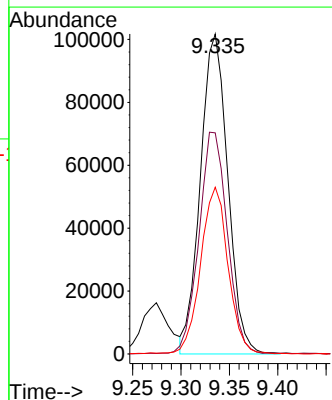
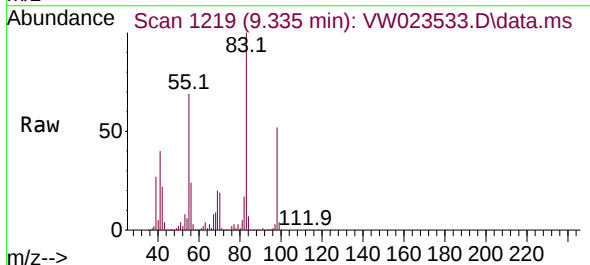
Ion	Ratio	Lower	Upper
95	100		
97	66.5	44.2	82.0
132	101.7	64.6	120.0
130	97.5	70.4	130.8

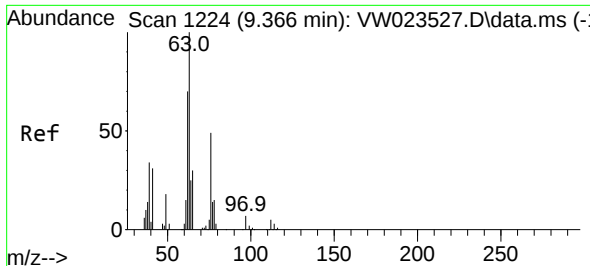


#35
Methylcyclohexane
Concen: 24.030 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW023533.D
Acq: 28 Jun 2022 15:36

Tgt Ion: 83 Resp: 201024

Ion	Ratio	Lower	Upper
83	100		
55	71.7	56.2	84.2
98	52.1	40.7	61.1





#37

1,2-Dichloropropane

Concen: 24.574 ug/L

RT: 9.366 min Scan# 1115

Delta R.T. 0.000 min

Lab File: VW023533.D

Acq: 28 Jun 2022 15:36

Instrument :

MSVOA_W

ClientSampleId :

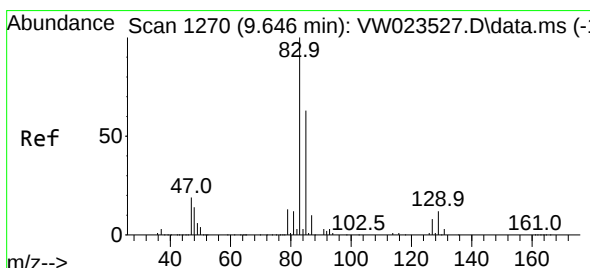
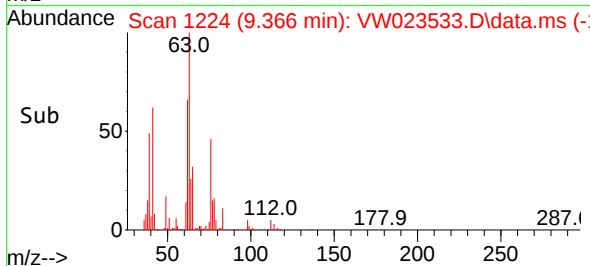
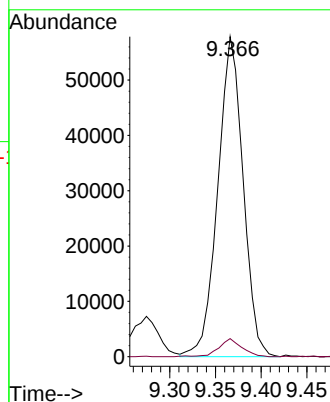
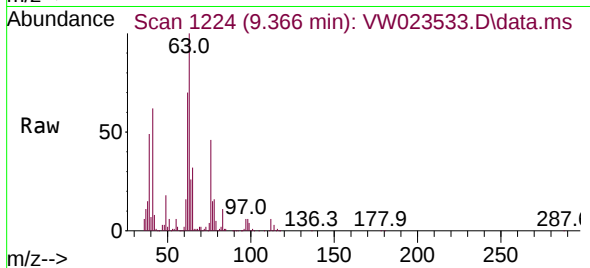
VSTD025583

Tgt Ion: 63 Resp: 111545

Ion Ratio Lower Upper

63 100

112 5.0 3.9 5.9



#38

Bromodichloromethane

Concen: 25.000 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.000 min

Lab File: VW023533.D

Acq: 28 Jun 2022 15:36

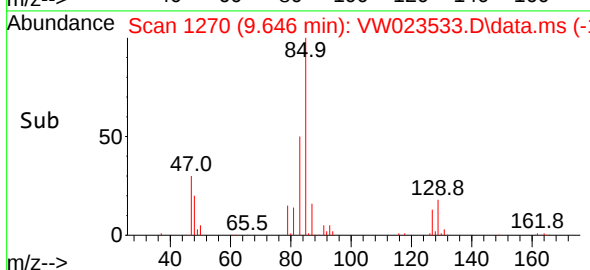
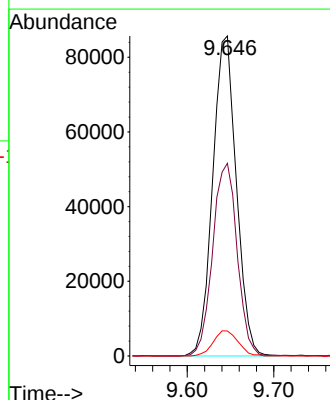
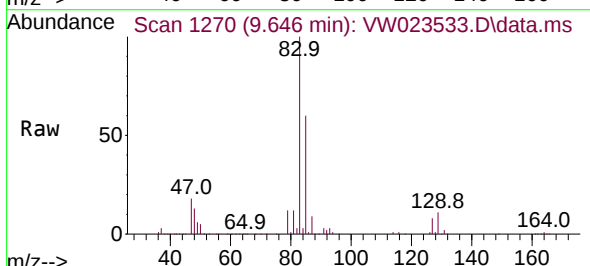
Tgt Ion: 83 Resp: 162540

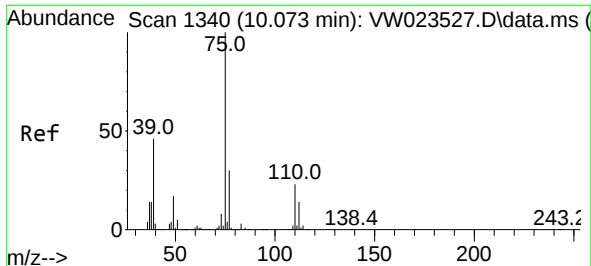
Ion Ratio Lower Upper

83 100

85 60.2 44.4 82.4

127 7.8 6.4 9.6





#39

cis-1,3-Dichloropropene

Concen: 24.885 ug/L

RT: 10.073 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW023533.D

Acq: 28 Jun 2022 15:36

Instrument :

MSVOA_W

ClientSampleId :

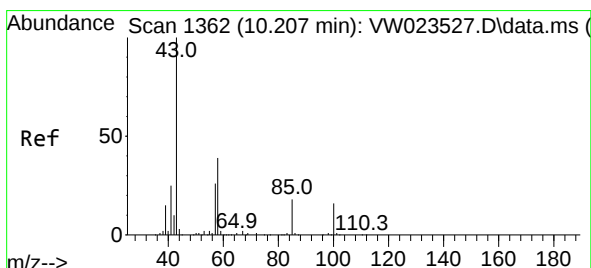
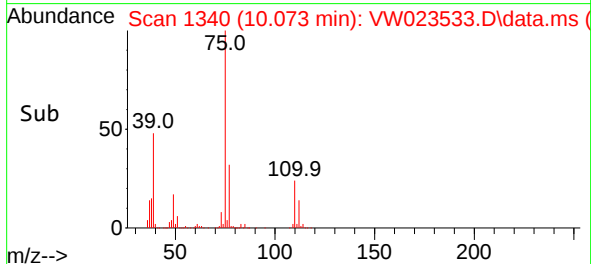
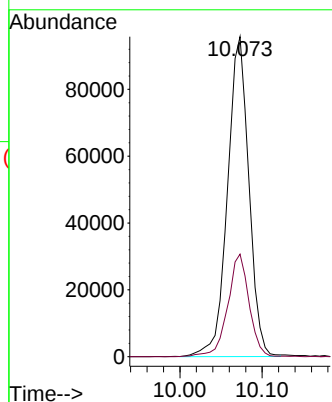
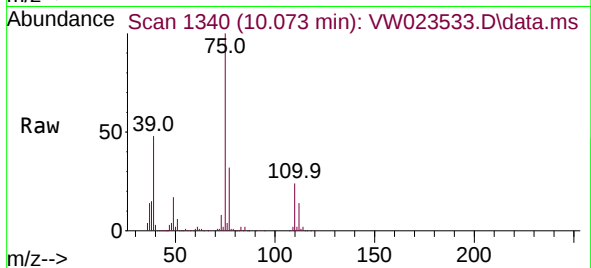
VSTD025583

Tgt Ion: 75 Resp: 173191

Ion Ratio Lower Upper

75 100

77 32.0 23.0 42.8



#40

4-Methyl-2-pentanone

Concen: 50.841 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW023533.D

Acq: 28 Jun 2022 15:36

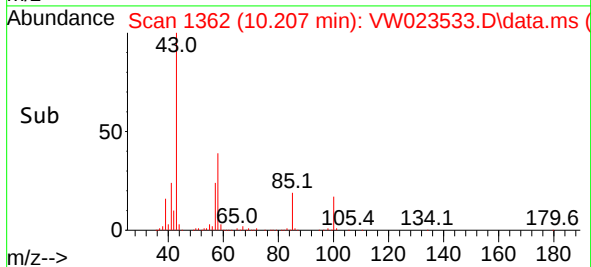
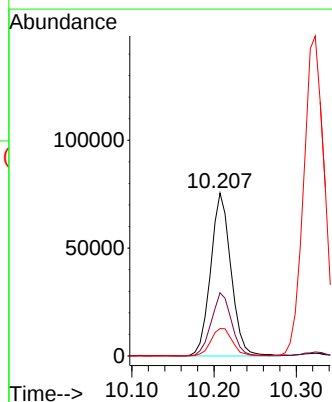
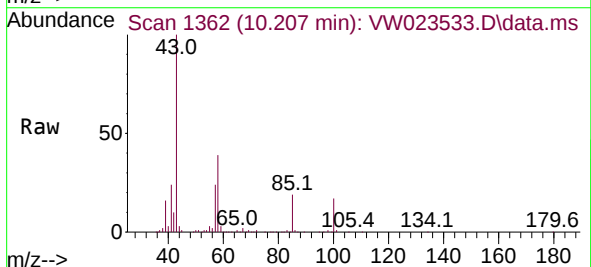
Tgt Ion: 43 Resp: 129688

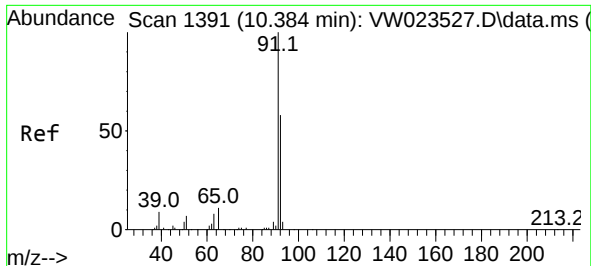
Ion Ratio Lower Upper

43 100

58 38.8 31.1 46.7

100 17.9 13.8 20.6

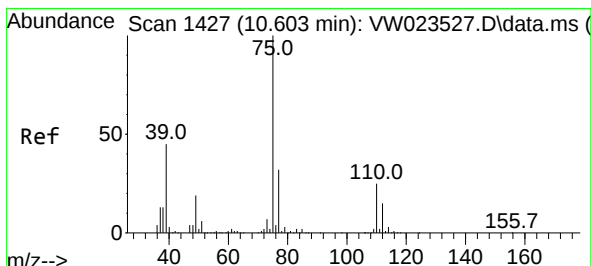
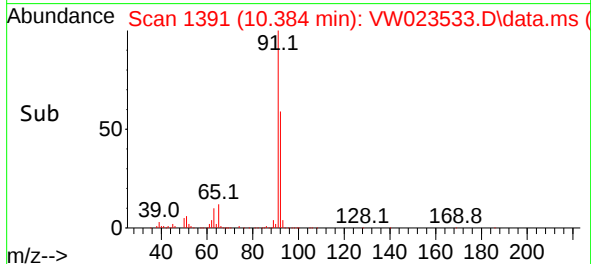
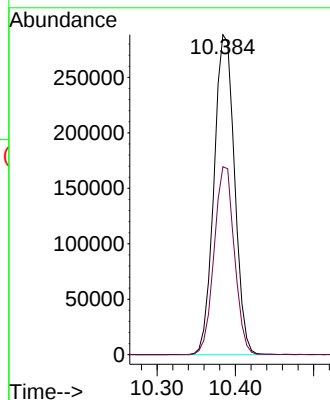
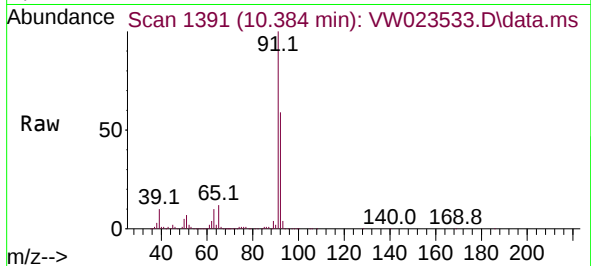




#42
Toluene
Concen: 25.052 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VW023533.D
Acq: 28 Jun 2022 15:36

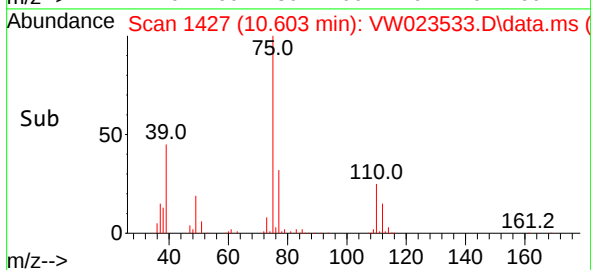
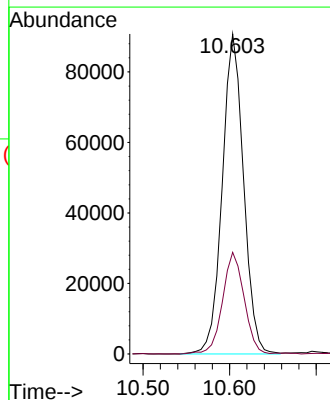
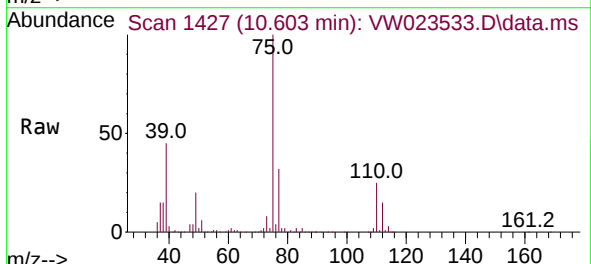
Instrument :
MSVOA_W
ClientSampleId :
VSTD025583

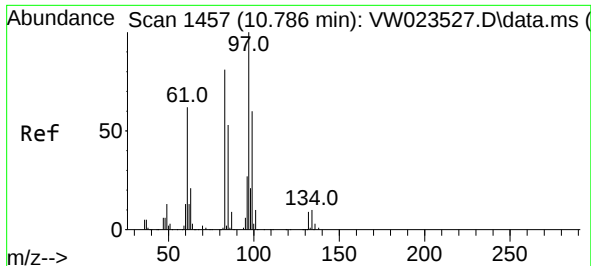
Tgt Ion: 91 Resp: 526128
Ion Ratio Lower Upper
91 100
92 58.7 41.2 76.4



#44
trans-1,3-Dichloropropene
Concen: 25.253 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW023533.D
Acq: 28 Jun 2022 15:36

Tgt Ion: 75 Resp: 155165
Ion Ratio Lower Upper
75 100
77 31.7 22.3 41.3

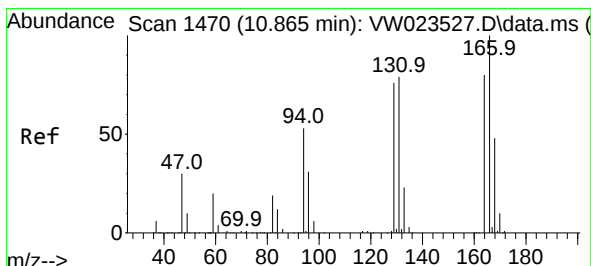
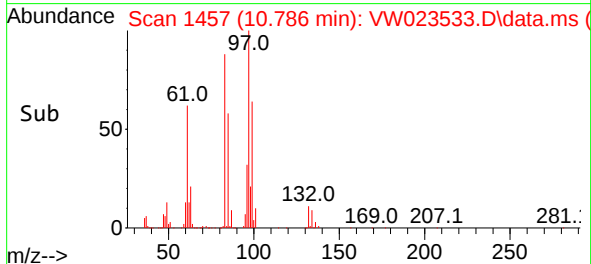
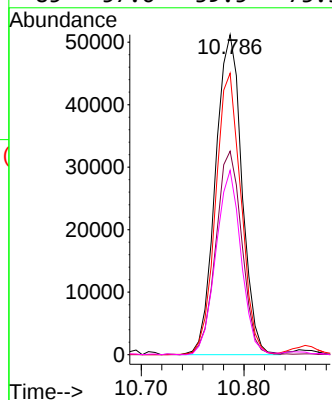
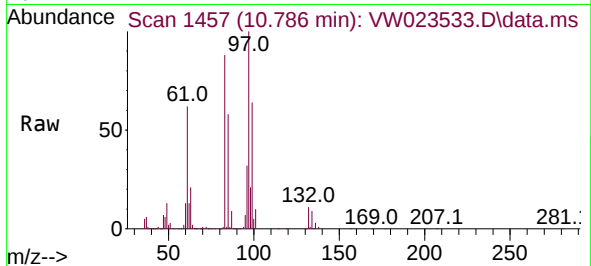




#45
1,1,2-Trichloroethane
Concen: 24.738 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW023533.D
Acq: 28 Jun 2022 15:36

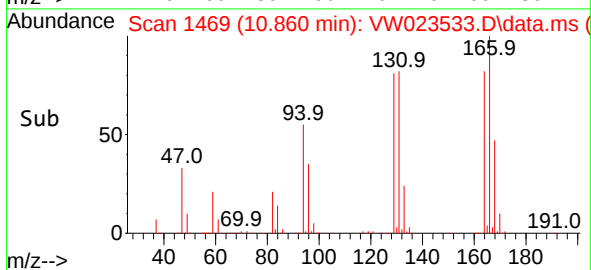
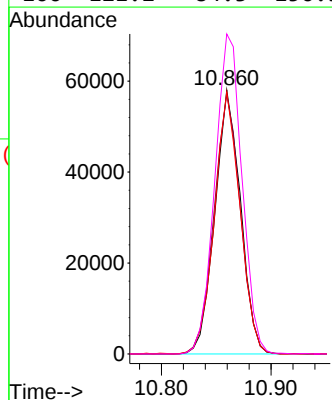
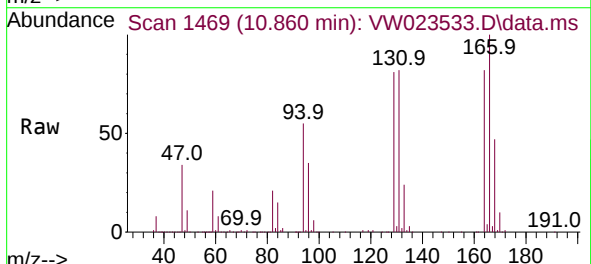
Instrument :
MSVOA_W
ClientSampleId :
VSTD025583

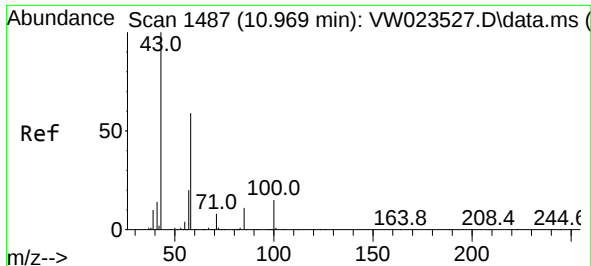
Tgt Ion: 97	Resp: 91502
Ion Ratio	Lower Upper
97 100	
99 63.6	45.3 84.1
83 88.0	58.9 109.5
85 57.6	39.5 73.3



#46
Tetrachloroethene
Concen: 22.716 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. -0.006 min
Lab File: VW023533.D
Acq: 28 Jun 2022 15:36

Tgt	Ion:164	Resp:	94298
Ion	Ratio	Lower	Upper
164	100		
129	98.3	68.6	127.4
131	99.3	67.3	124.9
166	121.2	84.3	156.5

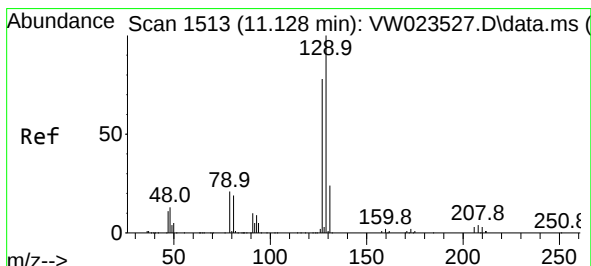
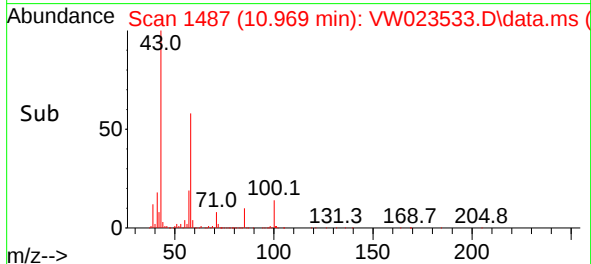
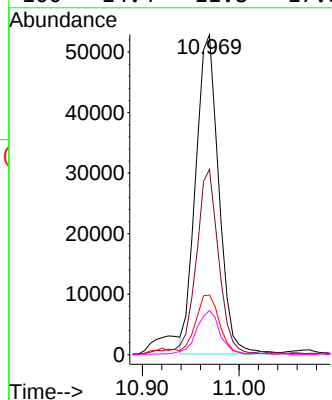
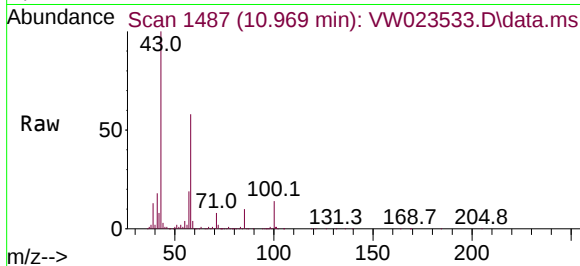




#48
2-Hexanone
Concen: 50.607 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW023533.D
Acq: 28 Jun 2022 15:36

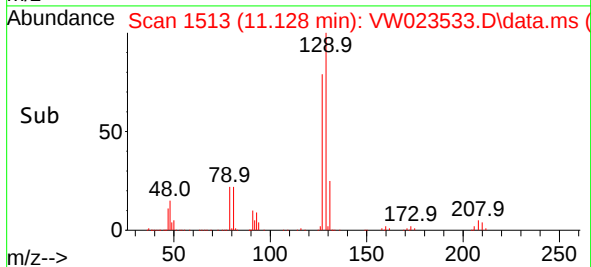
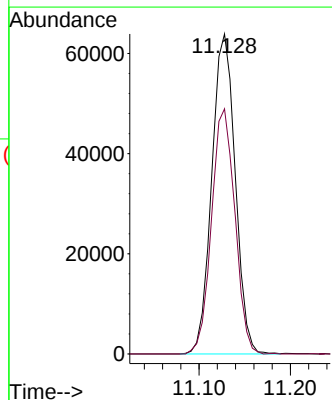
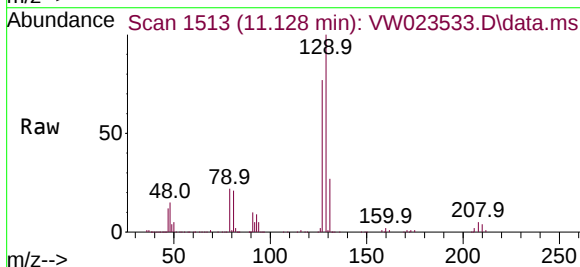
Instrument :
MSVOA_W
ClientSampleId :
VSTD025583

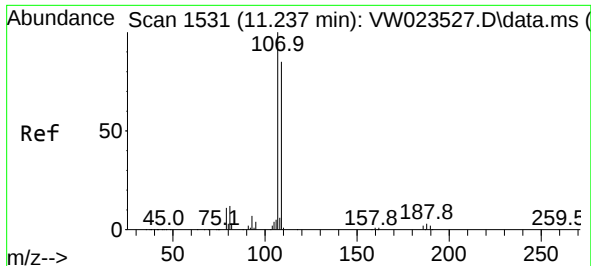
Tgt Ion:	43	Resp:	87553
Ion	Ratio	Lower	Upper
43	100		
58	57.6	44.4	66.6
57	19.2	15.5	23.3
100	14.4	11.8	17.8



#49
Dibromochloromethane
Concen: 25.279 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW023533.D
Acq: 28 Jun 2022 15:36

Tgt Ion:	129	Resp:	113997
Ion	Ratio	Lower	Upper
129	100		
127	76.6	55.4	103.0





#50

1,2-Dibromoethane

Concen: 24.760 ug/L

RT: 11.231 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW023533.D

Acq: 28 Jun 2022 15:36

Instrument :

MSVOA_W

ClientSampleId :

VSTD025583

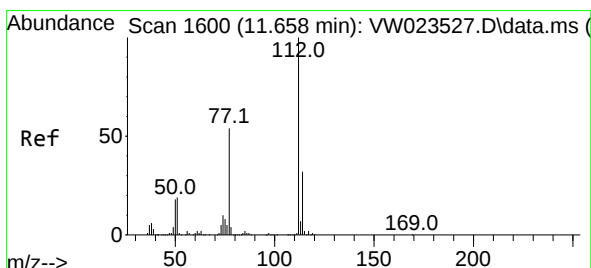
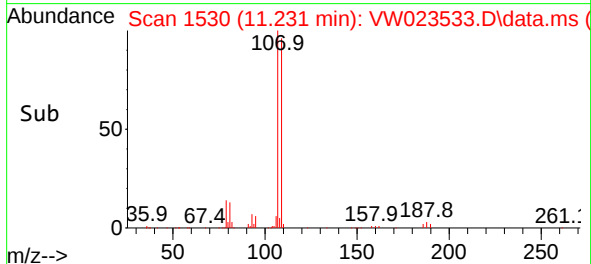
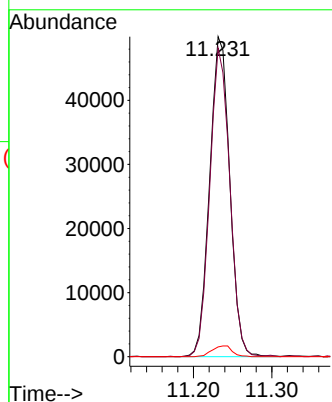
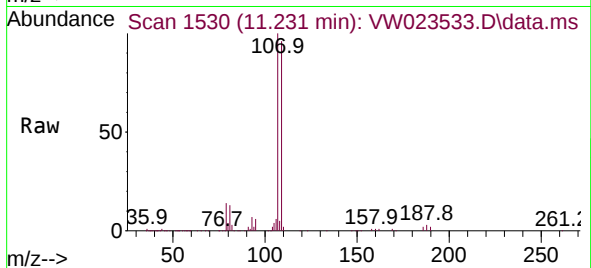
Tgt Ion:107 Resp: 89084

Ion Ratio Lower Upper

107 100

109 96.5 62.7 116.5

188 3.0 2.6 4.0



#51

Chlorobenzene

Concen: 23.884 ug/L

RT: 11.658 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VW023533.D

Acq: 28 Jun 2022 15:36

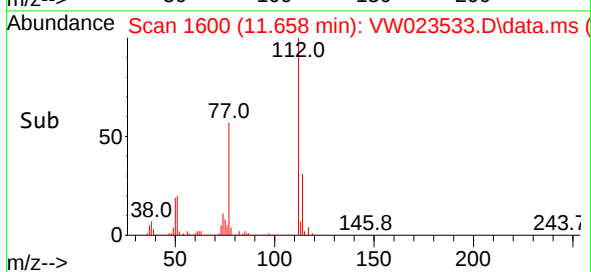
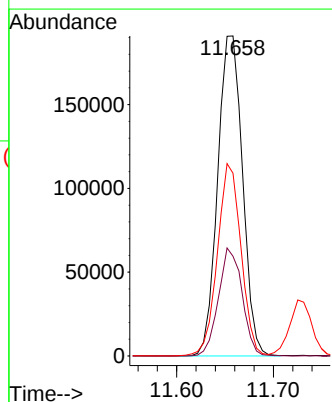
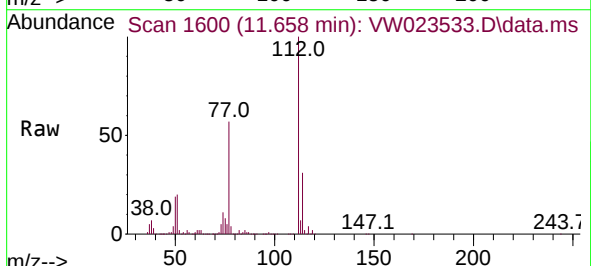
Tgt Ion:112 Resp: 340547

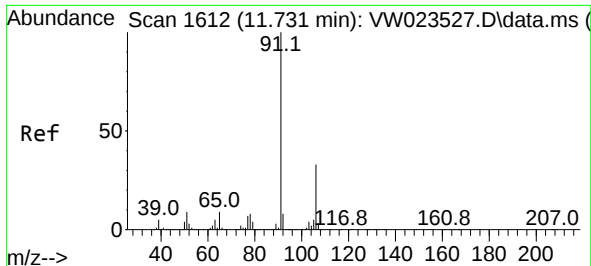
Ion Ratio Lower Upper

112 100

114 31.1 22.3 41.3

77 57.1 43.9 65.9

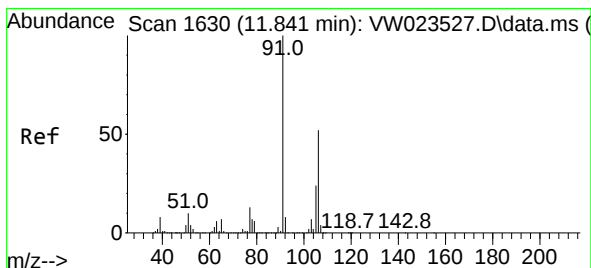
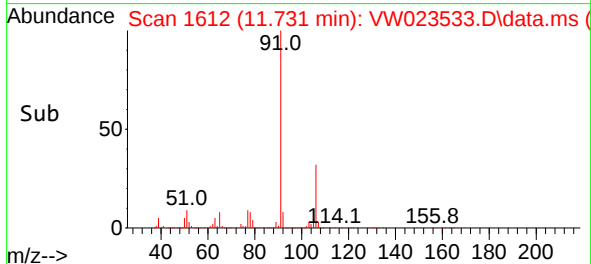
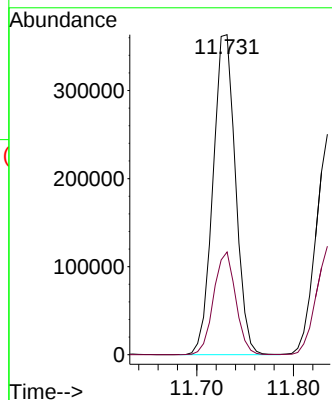
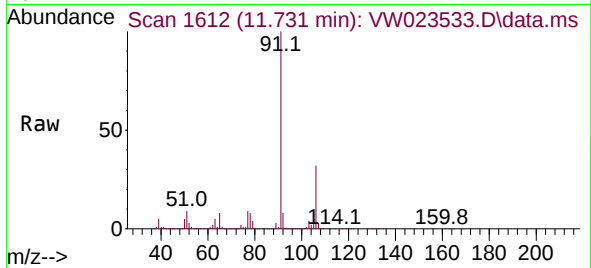




#52
Ethylbenzene
Concen: 25.112 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW023533.D
Acq: 28 Jun 2022 15:36

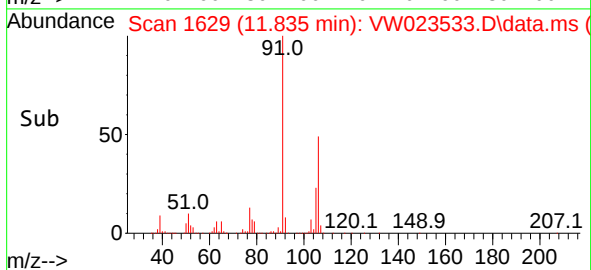
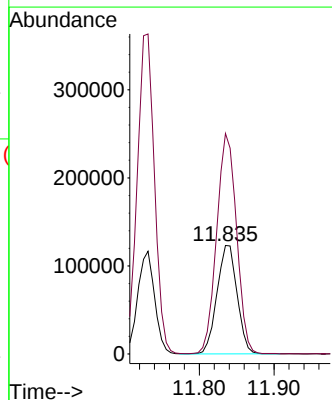
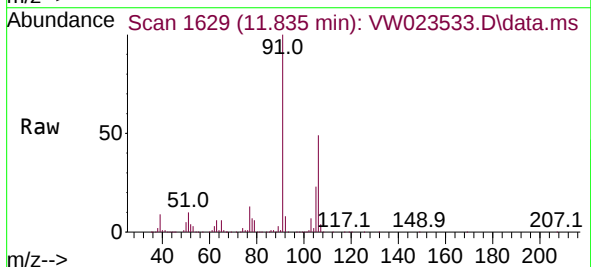
Instrument :
MSVOA_W
ClientSampleId :
VSTD025583

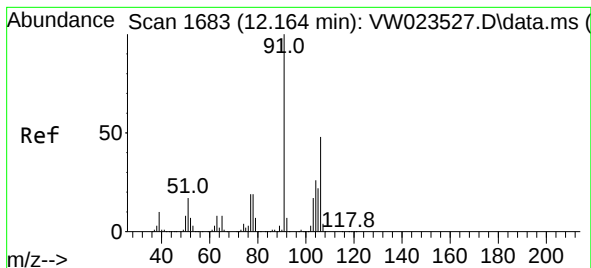
Tgt Ion: 91 Resp: 587468
Ion Ratio Lower Upper
91 100
106 32.1 22.7 42.1



#53
m,p-Xylene
Concen: 24.895 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VW023533.D
Acq: 28 Jun 2022 15:36

Tgt Ion: 106 Resp: 230183
Ion Ratio Lower Upper
106 100
91 203.2 131.8 244.8





#54

o-Xylene

Concen: 25.853 ug/L

RT: 12.164 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW023533.D

Acq: 28 Jun 2022 15:36

Instrument :

MSVOA_W

ClientSampleId :

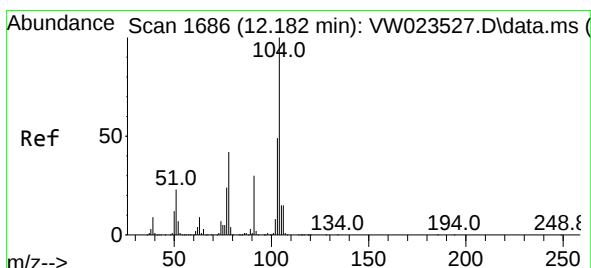
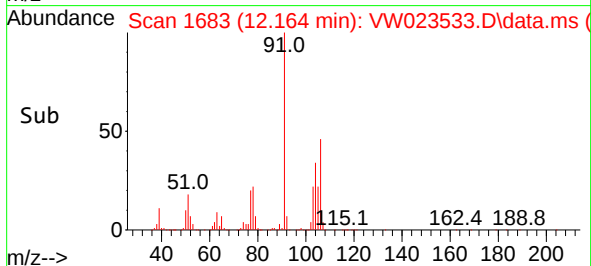
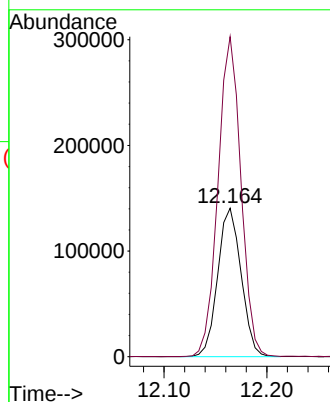
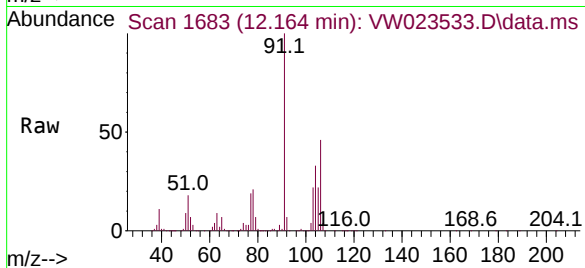
VSTD025583

Tgt Ion:106 Resp: 222226

Ion Ratio Lower Upper

106 100

91 215.5 153.6 285.3



#55

Styrene

Concen: 26.223 ug/L

RT: 12.176 min Scan# 1685

Delta R.T. -0.006 min

Lab File: VW023533.D

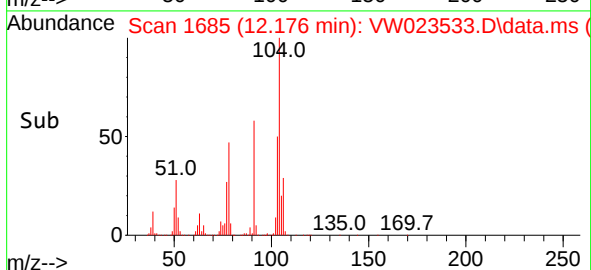
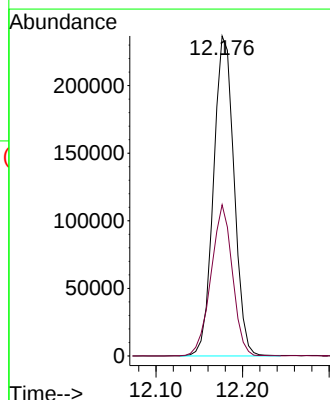
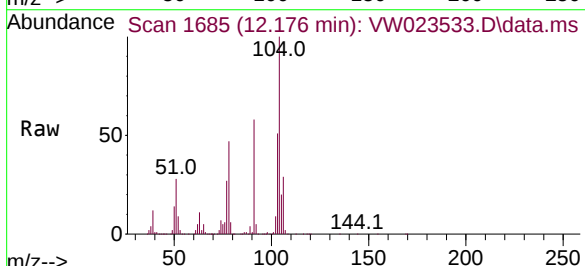
Acq: 28 Jun 2022 15:36

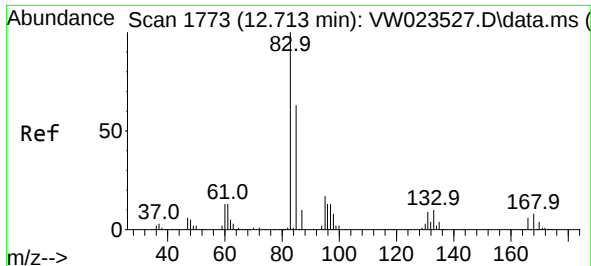
Tgt Ion:104 Resp: 390314

Ion Ratio Lower Upper

104 100

78 47.3 30.2 56.2

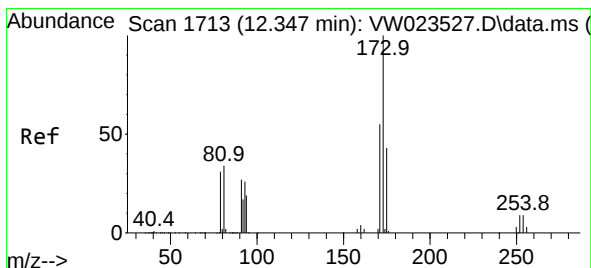
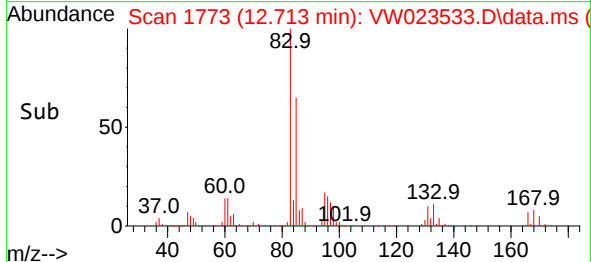
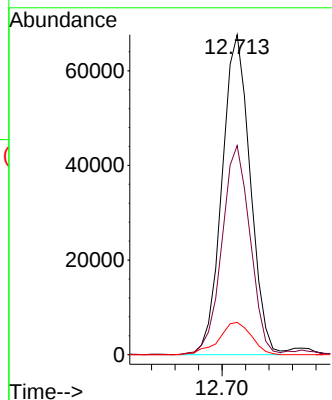
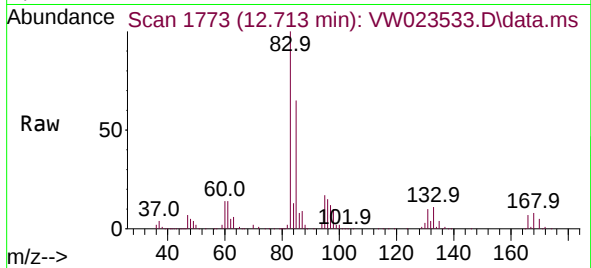




#57
1,1,2,2-Tetrachloroethane
Concen: 25.256 ug/L
RT: 12.713 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW023533.D
Acq: 28 Jun 2022 15:36

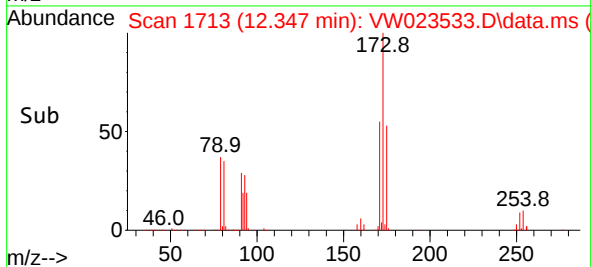
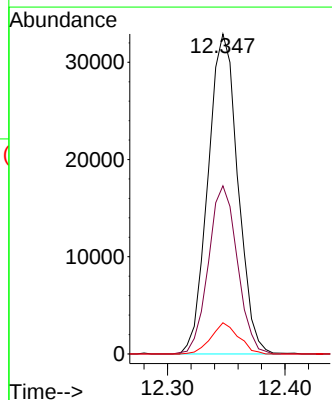
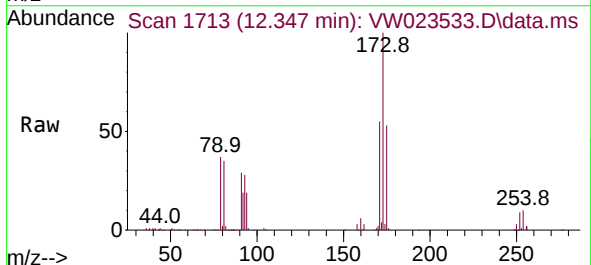
Instrument :
MSVOA_W
ClientSampleId :
VSTD025583

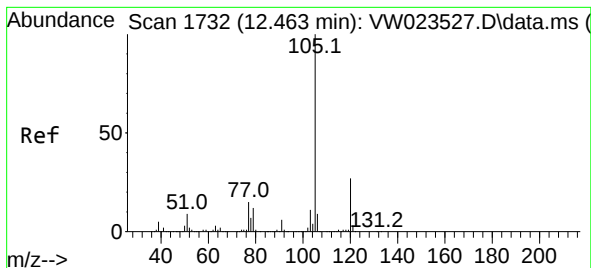
Tgt Ion: 83 Resp: 112712
Ion Ratio Lower Upper
83 100
85 65.3 46.8 87.0
131 10.1 8.1 12.1



#59
Bromoform
Concen: 23.198 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. 0.000 min
Lab File: VW023533.D
Acq: 28 Jun 2022 15:36

Tgt Ion: 173 Resp: 58133
Ion Ratio Lower Upper
173 100
175 50.9 38.7 58.1
254 9.0 6.9 10.3





#60

Isopropylbenzene

Concen: 24.398 ug/L

RT: 12.463 min Scan# 1732

Delta R.T. 0.000 min

Lab File: VW023533.D

Acq: 28 Jun 2022 15:36

Instrument :

MSVOA_W

ClientSampleId :

VSTD025583

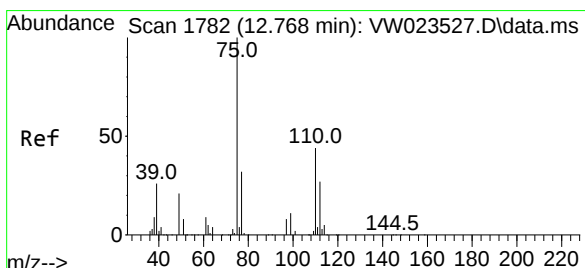
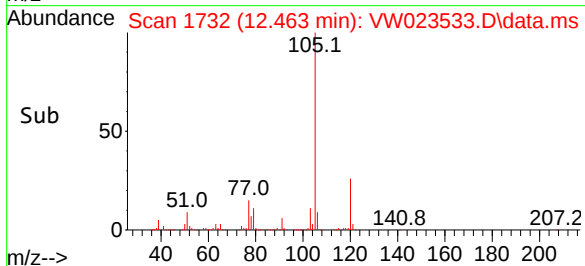
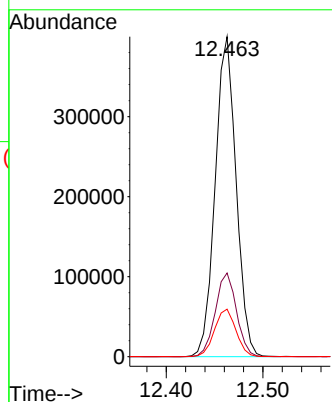
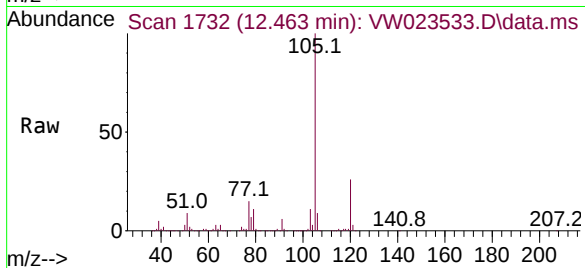
Tgt Ion:105 Resp: 600532

Ion Ratio Lower Upper

105 100

120 26.5 22.1 33.1

77 15.3 12.7 19.1



#61

1,2,3-Trichloropropane

Concen: 23.307 ug/L

RT: 12.768 min Scan# 1782

Delta R.T. 0.000 min

Lab File: VW023533.D

Acq: 28 Jun 2022 15:36

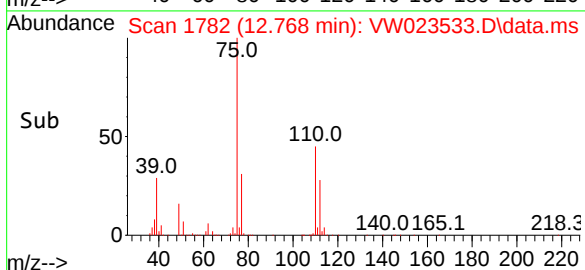
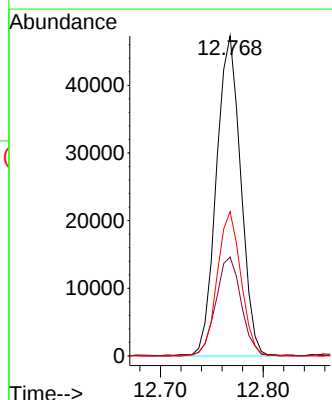
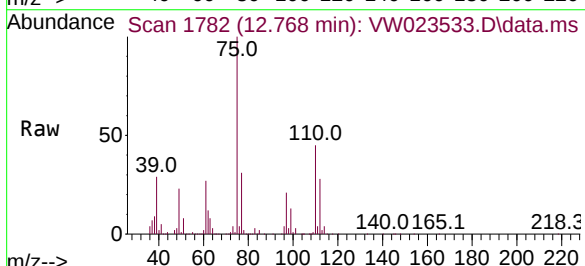
Tgt Ion: 75 Resp: 77790

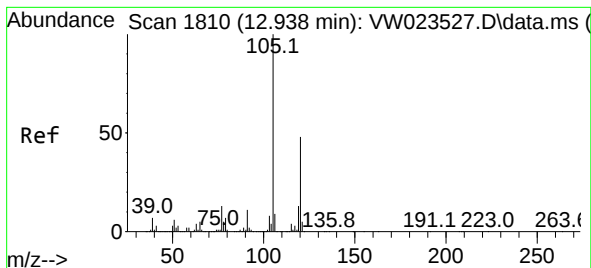
Ion Ratio Lower Upper

75 100

77 31.8 26.2 39.4

110 43.9 34.0 51.0





#62

1,3,5-Trimethylbenzene

Concen: 25.103 ug/L

RT: 12.938 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VW023533.D

Acq: 28 Jun 2022 15:36

Instrument :

MSVOA_W

ClientSampleId :

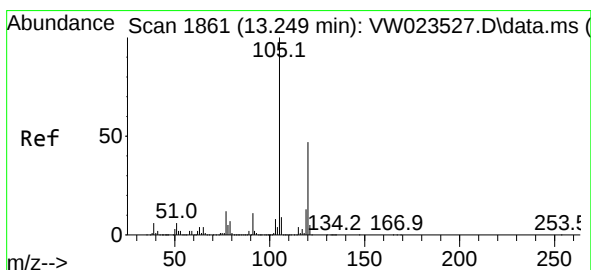
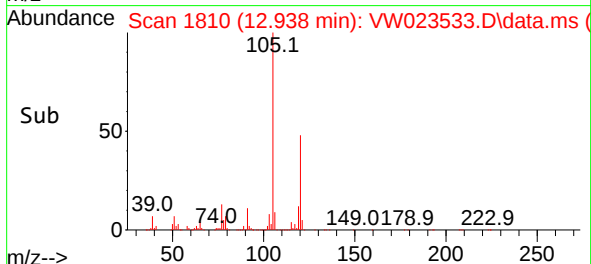
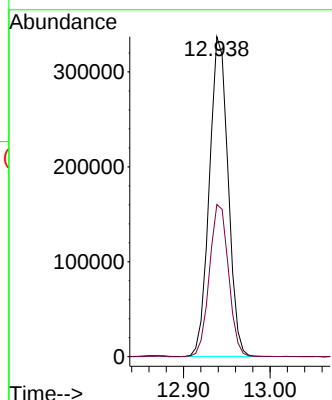
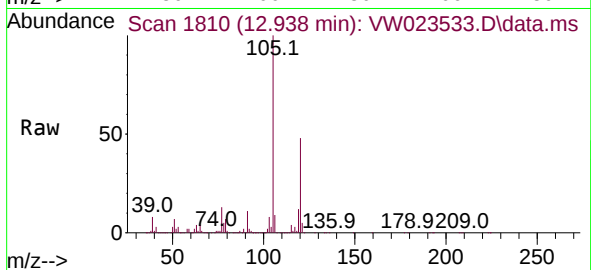
VSTD025583

Tgt Ion:105 Resp: 506455

Ion Ratio Lower Upper

105 100

120 48.6 39.3 58.9



#63

1,2,4-Trimethylbenzene

Concen: 25.138 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VW023533.D

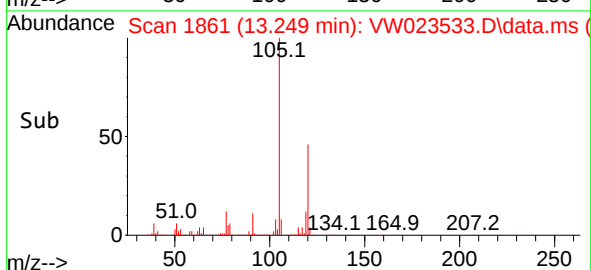
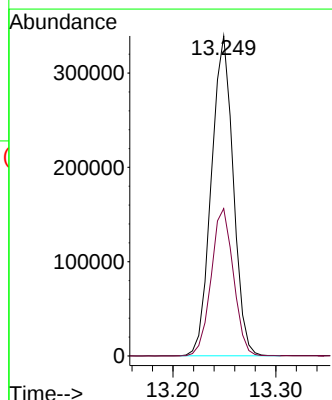
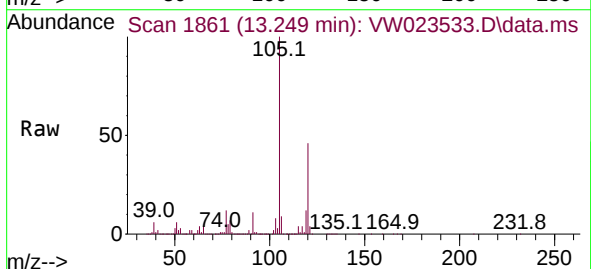
Acq: 28 Jun 2022 15:36

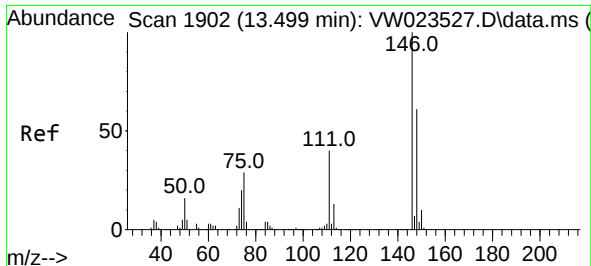
Tgt Ion:105 Resp: 500367

Ion Ratio Lower Upper

105 100

120 46.9 37.3 55.9

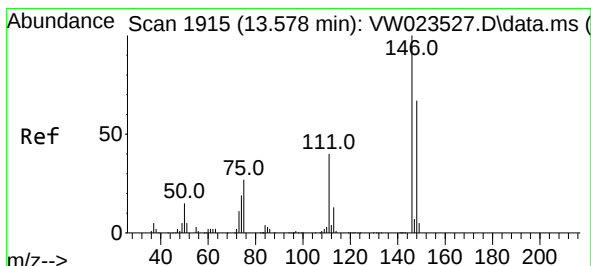
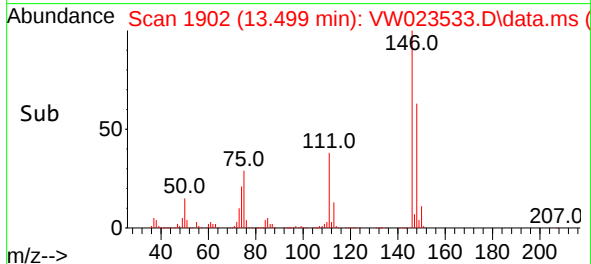
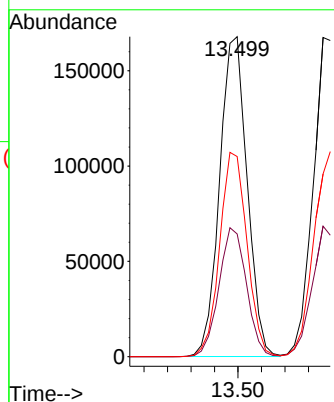
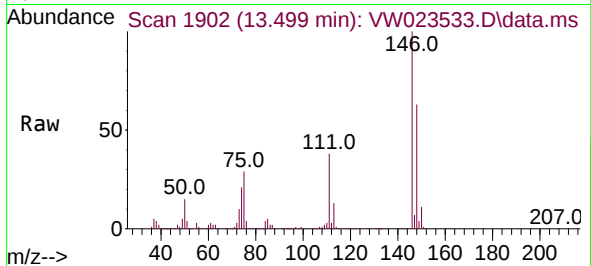




#64
1,3-Dichlorobenzene
Concen: 24.096 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW023533.D
Acq: 28 Jun 2022 15:36

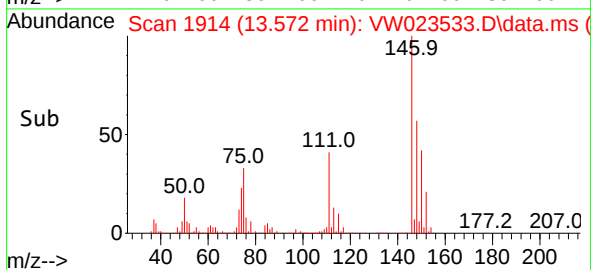
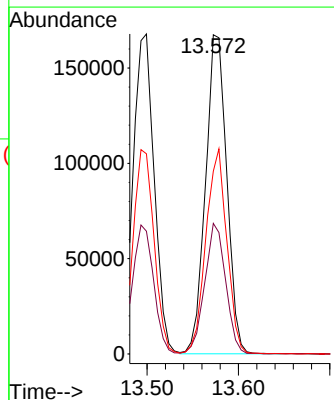
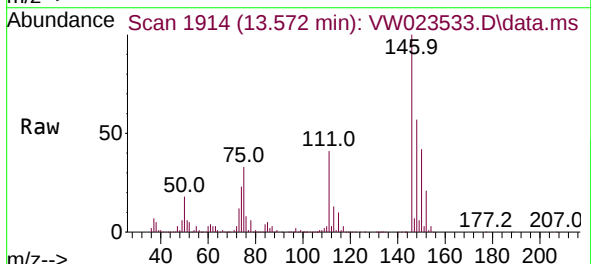
Instrument :
MSVOA_W
ClientSampleId :
VSTD025583

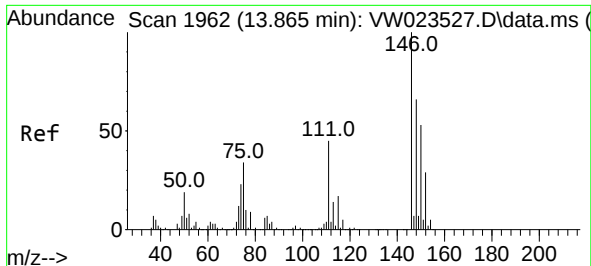
Tgt Ion:146 Resp: 273048
Ion Ratio Lower Upper
146 100
111 38.4 28.6 53.2
148 62.6 40.8 75.8



#65
1,4-Dichlorobenzene
Concen: 23.191 ug/L
RT: 13.572 min Scan# 1914
Delta R.T. -0.006 min
Lab File: VW023533.D
Acq: 28 Jun 2022 15:36

Tgt Ion:146 Resp: 269793
Ion Ratio Lower Upper
146 100
111 40.9 27.0 50.2
148 57.3 43.1 80.1





#67

1,2-Dichlorobenzene

Concen: 24.808 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VW023533.D

Acq: 28 Jun 2022 15:36

Instrument :

MSVOA_W

ClientSampleId :

VSTD025583

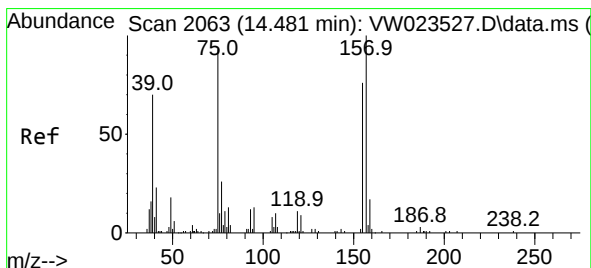
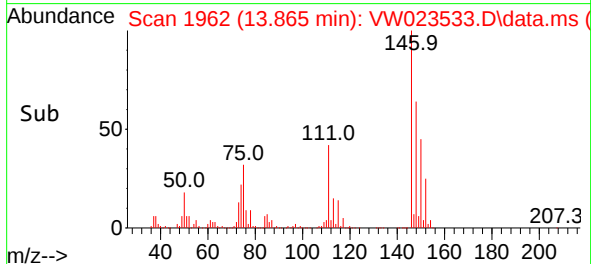
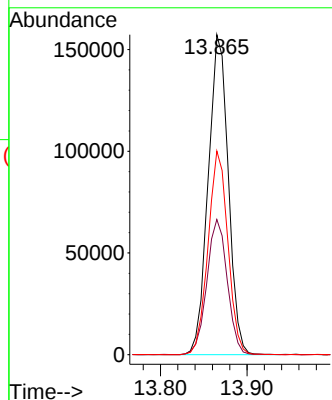
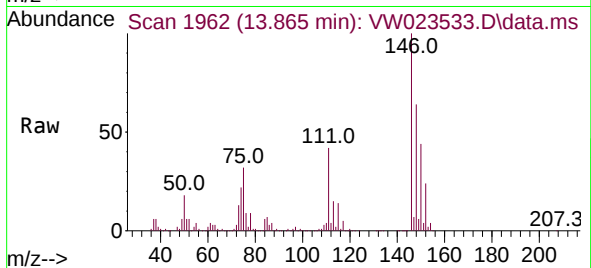
Tgt Ion:146 Resp: 253458

Ion Ratio Lower Upper

146 100

111 42.3 31.7 47.5

148 63.7 51.0 76.6



#68

1,2-Dibromo-3-chloropropane

Concen: 21.984 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW023533.D

Acq: 28 Jun 2022 15:36

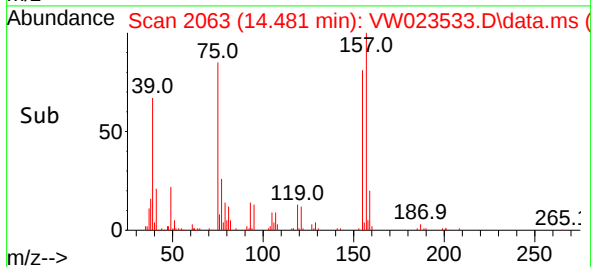
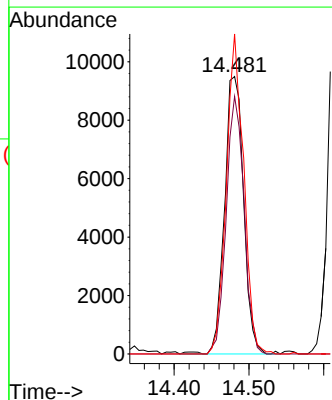
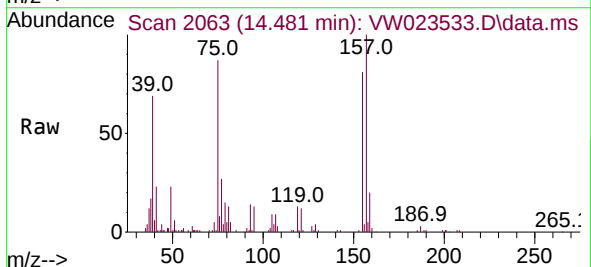
Tgt Ion: 75 Resp: 16847

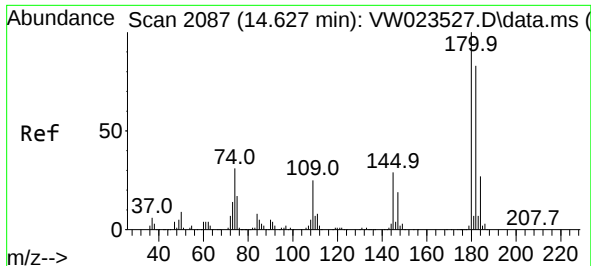
Ion Ratio Lower Upper

75 100

155 92.9 57.5 86.3#

157 115.3 71.4 107.2#





#69

1,3,5-Trichlorobenzene

Concen: 23.406 ug/L

RT: 14.627 min Scan# 2087

Delta R.T. 0.000 min

Lab File: VW023533.D

Acq: 28 Jun 2022 15:36

Instrument :

MSVOA_W

ClientSampleId :

VSTD025583

Tgt Ion:180 Resp: 173728

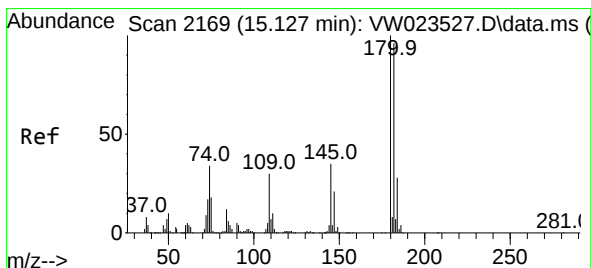
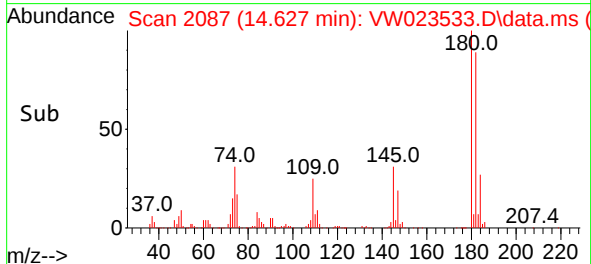
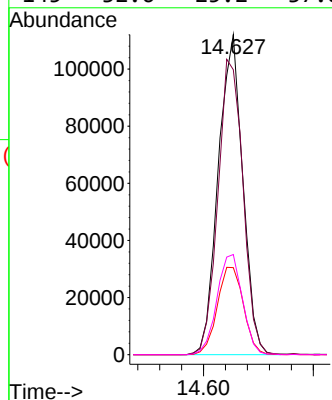
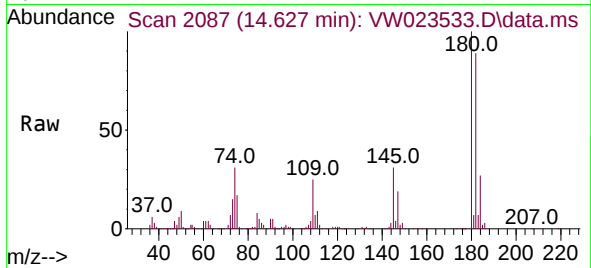
Ion Ratio Lower Upper

180 100

182 94.6 75.8 113.8

184 29.2 23.9 35.9

145 32.6 25.2 37.8



#70

1,2,4-trichlorobenzene

Concen: 24.619 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. 0.000 min

Lab File: VW023533.D

Acq: 28 Jun 2022 15:36

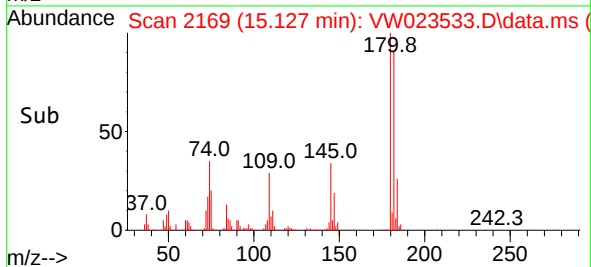
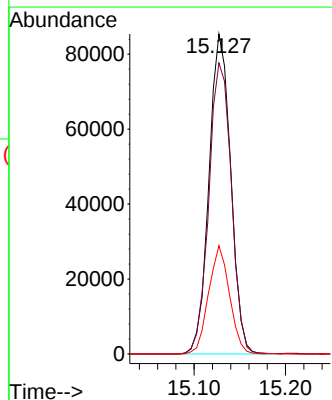
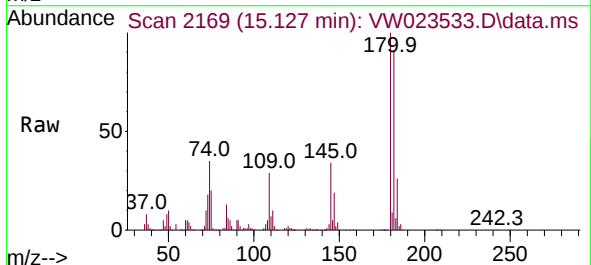
Tgt Ion:180 Resp: 141009

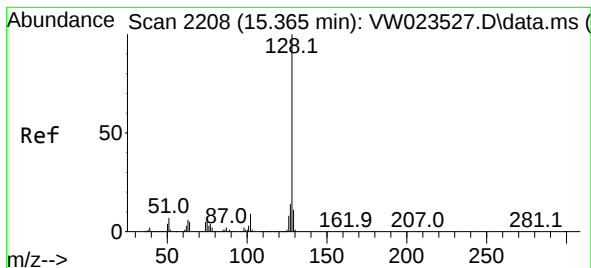
Ion Ratio Lower Upper

180 100

182 94.1 72.3 108.5

145 32.5 26.6 40.0





#71

Naphthalene

Concen: 26.612 ug/L

RT: 15.359 min Scan# 21

Delta R.T. -0.006 min

Lab File: VW023533.D

Acq: 28 Jun 2022 15:36

Instrument :

MSVOA_W

ClientSampleId :

VSTD025583

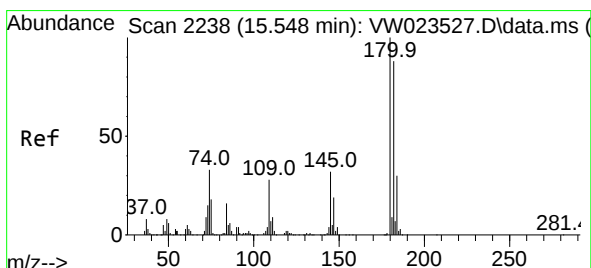
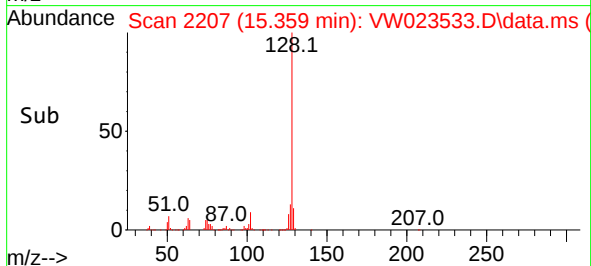
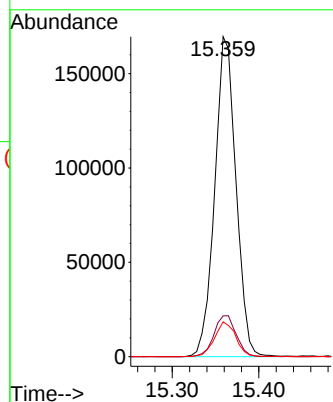
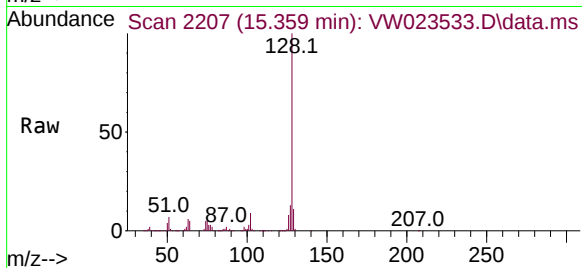
Tgt Ion:128 Resp: 289177

Ion Ratio Lower Upper

128 100

127 13.4 10.9 16.3

129 10.9 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 25.755 ug/L

RT: 15.548 min Scan# 2238

Delta R.T. 0.000 min

Lab File: VW023533.D

Acq: 28 Jun 2022 15:36

Tgt Ion:180 Resp: 127524

Ion Ratio Lower Upper

180 100

182 97.1 78.7 118.1

145 34.9 30.2 45.2

