

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020823\
 Data File : VW025310.D
 Acq On : 08 Feb 2023 09:20
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025532

Quant Time: Feb 09 00:27:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020323SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Feb 07 20:11:22 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	299220	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	265802	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	132333	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	60000	20.722	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.880%
7) Chloroethane-d5	2.898	69	51248	19.933	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.720%
11) 1,1-Dichloroethene-d2	4.026	63	191463	23.847	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	95.400%
21) 2-Butanone-d5	7.080	46	32445	43.164	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.320%
24) Chloroform-d	7.647	84	197229	25.148	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.600%
26) 1,2-Dichloroethane-d4	8.305	65	101721	26.627	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.520%
32) Benzene-d6	8.275	84	360690	22.389	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.560%
36) 1,2-Dichloropropane-d6	9.275	67	100843	21.394	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	85.560%
41) Toluene-d8	10.323	98	338438	23.502	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.000%
43) trans-1,3-Dichloroprop...	10.573	79	44111	25.045	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	100.160%
47) 2-Hexanone-d5	10.921	63	26804	50.718	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.440%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	71323	22.251	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.000%
66) 1,2-Dichlorobenzene-d4	13.853	152	107766	23.472	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.880%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.020	85	90513	22.355	ug/L	96
3) Chloromethane	2.221	50	79576	20.475	ug/L	93
5) Vinyl chloride	2.373	62	91215	23.045	ug/L	94
6) Bromomethane	2.788	94	58688	21.655	ug/L	98
8) Chloroethane	2.934	64	52796	21.367	ug/L	99
9) Trichlorofluoromethane	3.270	101	136907	24.047	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	109396	26.499	ug/L	94
12) 1,1-Dichloroethene	4.038	96	105572	25.761	ug/L	94
13) Acetone	4.135	43	41998	50.673	ug/L	100
14) Carbon disulfide	4.385	76	328438	24.524	ug/L	100
15) Methyl Acetate	4.672	43	31287	22.061	ug/L	95
16) Methylene chloride	4.916	84	105079	20.629	ug/L	91
17) trans-1,2-Dichloroethene	5.428	96	108763	24.713	ug/L	97
18) Methyl tert-butyl Ether	5.428	73	151952	24.017	ug/L	97
19) 1,1-Dichloroethane	6.214	63	196194	25.035	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	117575	25.443	ug/L	100
22) 2-Butanone	7.171	43	44061	43.716	ug/L	96
23) Bromochloromethane	7.513	128	47164	24.778	ug/L	94
25) Chloroform	7.677	83	213833	26.527	ug/L	96

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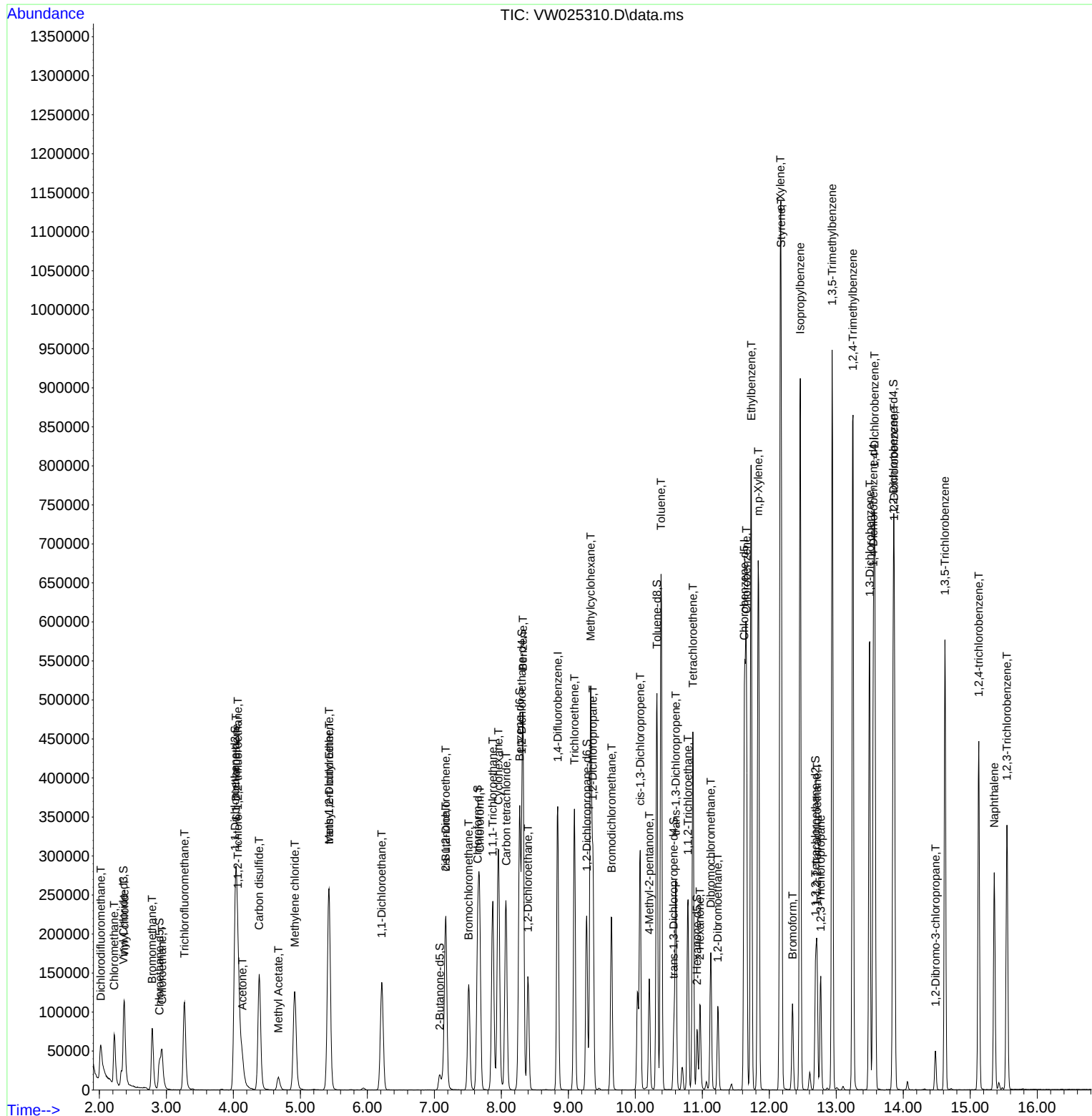
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 Quant Title : SFAM01.0
 QLast Update : Tue Feb 07 20:11:22 2023
 Response via : Initial Calibration

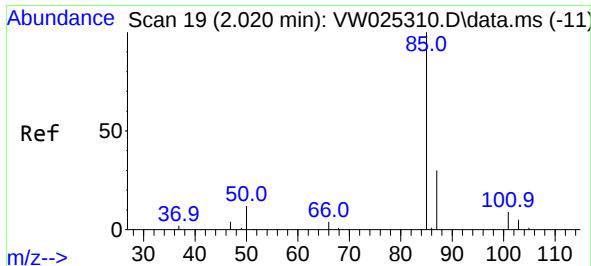
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	139514	28.417	ug/L	97
29) Cyclohexane	7.958	56	174177	22.755	ug/L	95
30) 1,1,1-Trichloroethane	7.872	97	201578	26.736	ug/L	99
31) Carbon tetrachloride	8.074	117	190345	27.296	ug/L	98
33) Benzene	8.324	78	441135	23.982	ug/L	100
34) Trichloroethene	9.092	95	124283	24.122	ug/L	97
35) Methylcyclohexane	9.336	83	215468	23.429	ug/L	99
37) 1,2-Dichloropropane	9.366	63	104387	23.010	ug/L	99
38) Bromodichloromethane	9.646	83	150093	24.882	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	176032	23.698	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	85044	42.457	ug/L	99
42) Toluene	10.384	91	486108	26.575	ug/L	98
44) trans-1,3-Dichloropropene	10.604	75	146519	27.672	ug/L	99
45) 1,1,2-Trichloroethane	10.787	97	75772	26.501	ug/L	93
46) Tetrachloroethene	10.860	164	93984	28.543	ug/L	93
48) 2-Hexanone	10.963	43	65506	51.802	ug/L	99
49) Dibromochloromethane	11.128	129	91396	28.302	ug/L	99
50) 1,2-Dibromoethane	11.232	107	68642	26.208	ug/L	98
51) Chlorobenzene	11.658	112	306073	25.426	ug/L	98
52) Ethylbenzene	11.731	91	565186	25.789	ug/L	96
53) m,p-Xylene	11.835	106	217411	26.175	ug/L	98
54) o-Xylene	12.164	106	203144	24.295	ug/L	98
55) Styrene	12.177	104	342797	24.213	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.713	83	77487	22.745	ug/L	98
59) Bromoform	12.347	173	49184	26.196	ug/L	99
60) Isopropylbenzene	12.463	105	589830	26.319	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	58126	24.704	ug/L	98
62) 1,3,5-Trimethylbenzene	12.939	105	492248	27.245	ug/L	97
63) 1,2,4-Trimethylbenzene	13.249	105	468684	25.889	ug/L	97
64) 1,3-Dichlorobenzene	13.499	146	229117	24.676	ug/L	92
65) 1,4-Dichlorobenzene	13.573	146	238084	25.984	ug/L	98
67) 1,2-Dichlorobenzene	13.865	146	201110	25.134	ug/L #	88
68) 1,2-Dibromo-3-chloropr...	14.481	75	13082	23.806	ug/L	91
69) 1,3,5-Trichlorobenzene	14.621	180	162354	26.888	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	127545	25.941	ug/L	99
71) Naphthalene	15.359	128	229088	25.488	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	107728	25.518	ug/L	100

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

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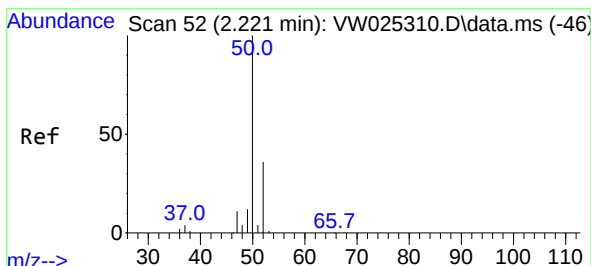
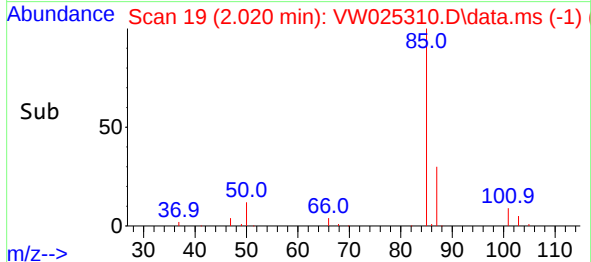
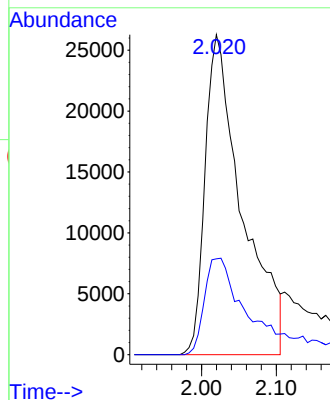
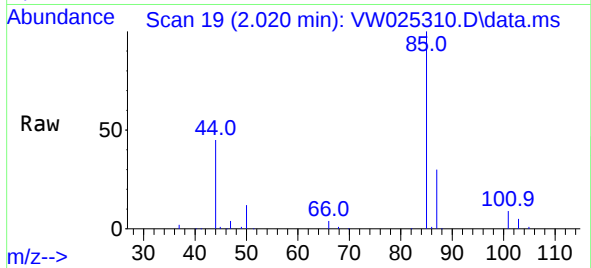




#2
Dichlorodifluoromethane
Concen: 22.355 ug/L
RT: 2.020 min Scan# 19
Delta R.T. 0.000 min
Lab File: VW025310.D
Acq: 08 Feb 2023 09:20

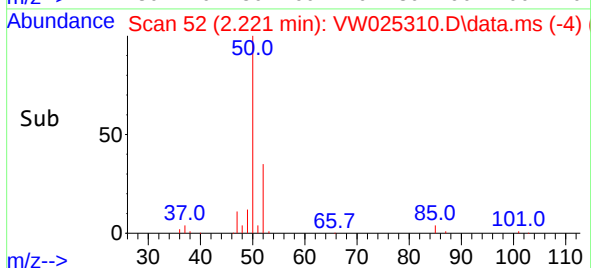
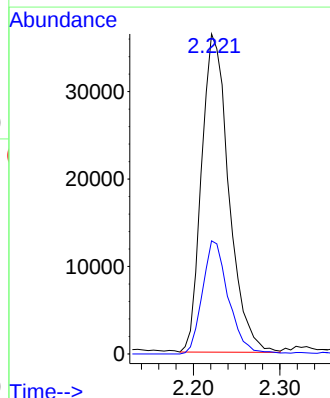
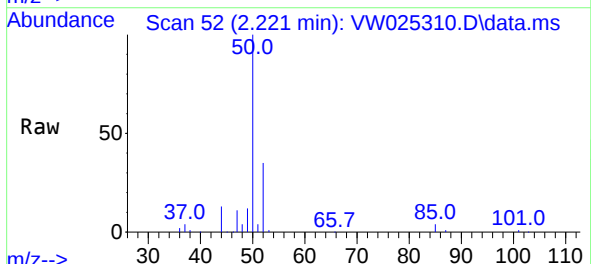
Instrument :
MSVOA_W
ClientSampleId :
VSTD025532

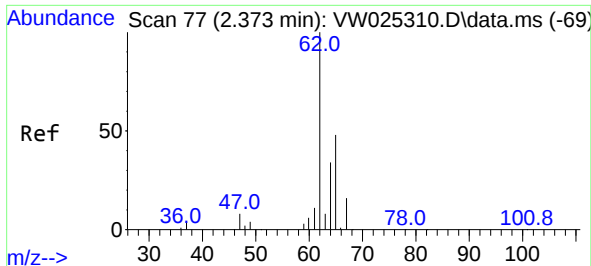
Tgt Ion: 85 Resp: 90513
Ion Ratio Lower Upper
85 100
87 27.0 23.3 34.9



#3
Chloromethane
Concen: 20.475 ug/L
RT: 2.221 min Scan# 52
Delta R.T. -0.006 min
Lab File: VW025310.D
Acq: 08 Feb 2023 09:20

Tgt Ion: 50 Resp: 79576
Ion Ratio Lower Upper
50 100
52 35.4 22.0 40.8

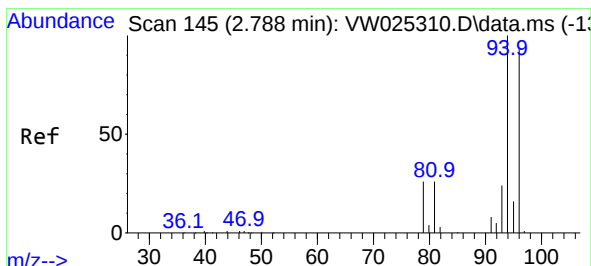
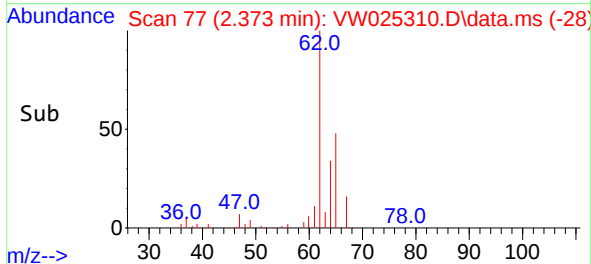
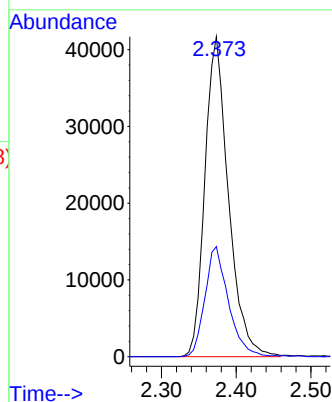
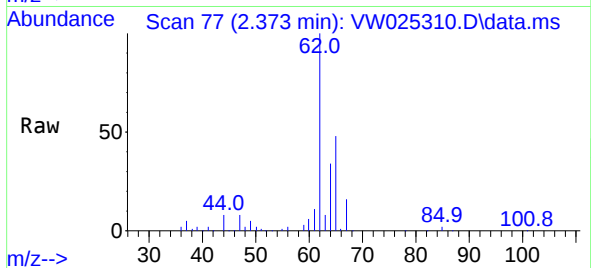




#5
 Vinyl chloride
 Concen: 23.045 ug/L
 RT: 2.373 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VW025310.D
 Acq: 08 Feb 2023 09:20

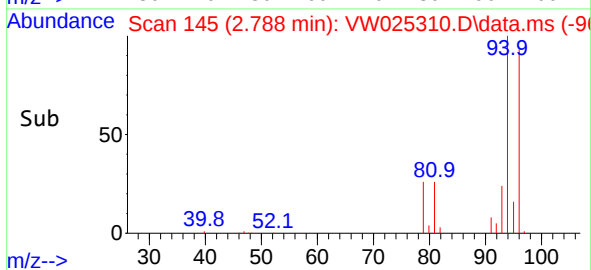
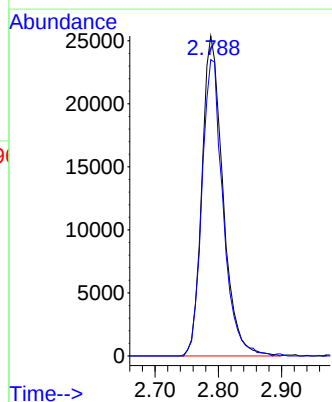
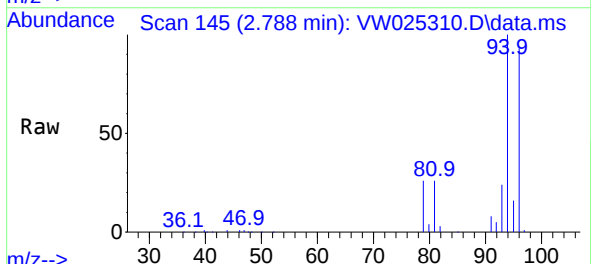
Instrument :
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 ClientSampleId :
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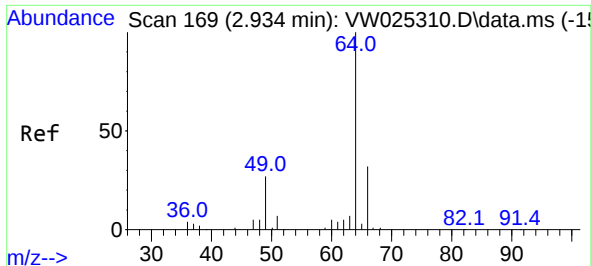
Tgt Ion: 62 Resp: 91215
 Ion Ratio Lower Upper
 62 100
 64 34.4 21.8 40.6



#6
 Bromomethane
 Concen: 21.655 ug/L
 RT: 2.788 min Scan# 145
 Delta R.T. 0.000 min
 Lab File: VW025310.D
 Acq: 08 Feb 2023 09:20

Tgt Ion: 94 Resp: 58688
 Ion Ratio Lower Upper
 94 100
 96 92.6 66.3 123.1

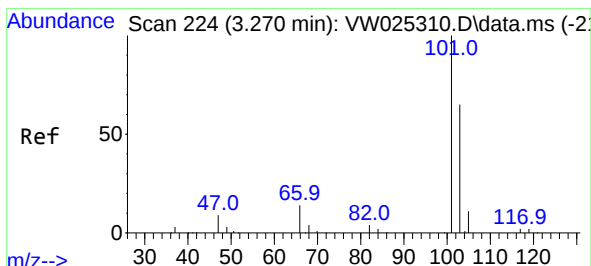
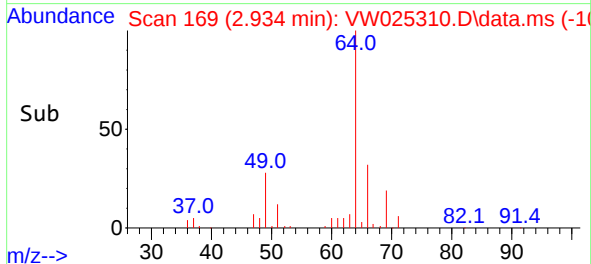
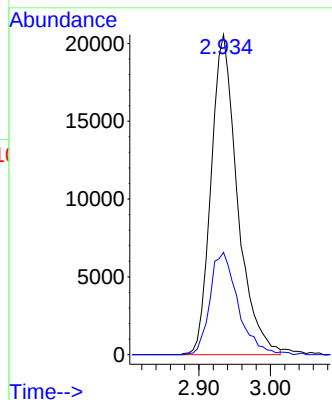
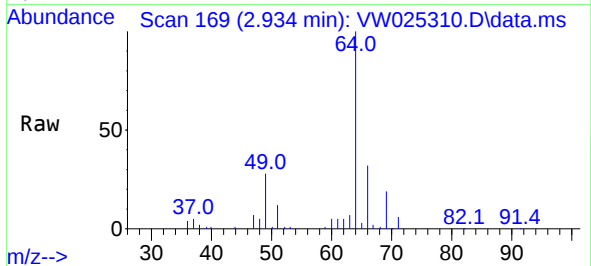




#8
Chloroethane
Concen: 21.367 ug/L
RT: 2.934 min Scan# 169
Delta R.T. 0.000 min
Lab File: VW025310.D
Acq: 08 Feb 2023 09:20

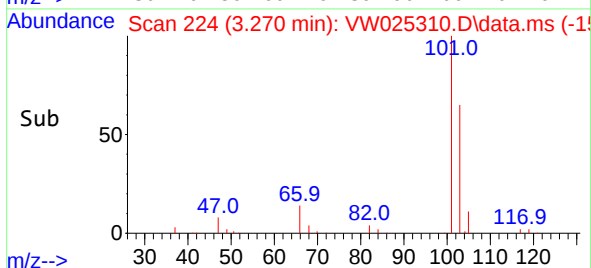
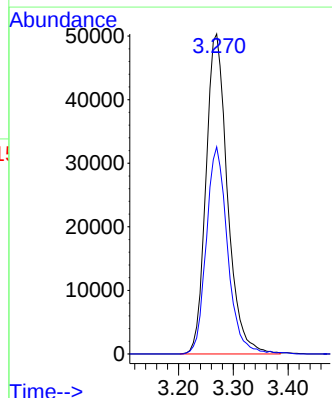
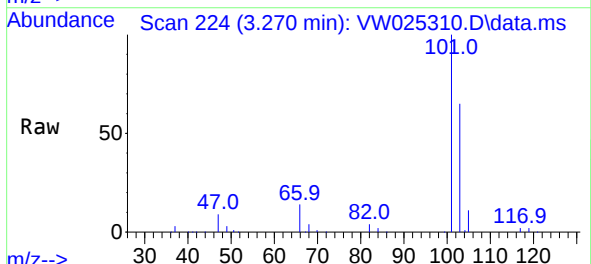
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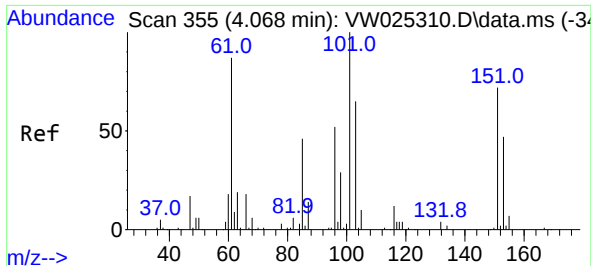
Tgt Ion: 64 Resp: 52796
Ion Ratio Lower Upper
64 100
66 32.0 21.9 40.7



#9
Trichlorofluoromethane
Concen: 24.047 ug/L
RT: 3.270 min Scan# 224
Delta R.T. 0.000 min
Lab File: VW025310.D
Acq: 08 Feb 2023 09:20

Tgt Ion:101 Resp: 136907
Ion Ratio Lower Upper
101 100
103 63.7 52.4 78.6

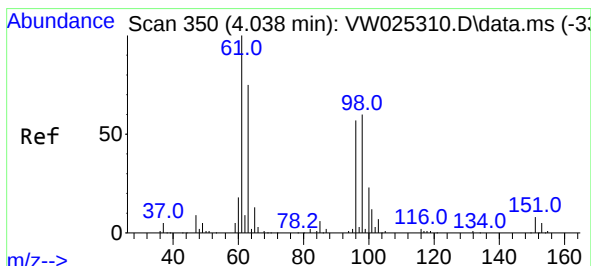
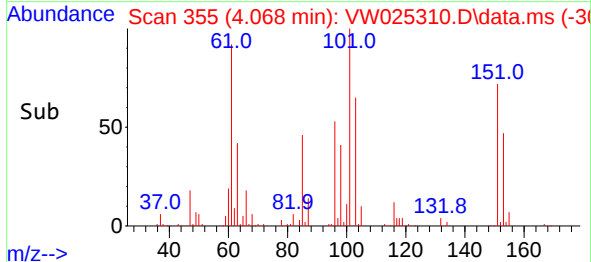
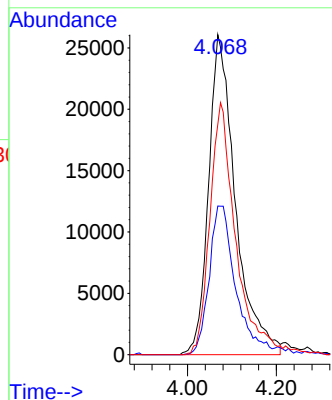
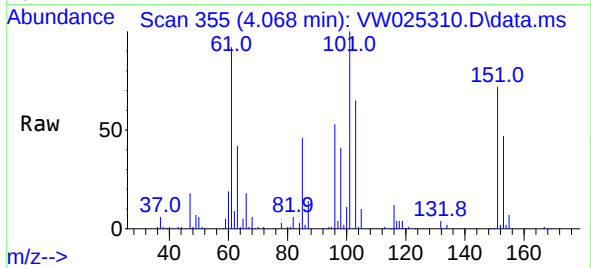




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 26.499 ug/L
 RT: 4.068 min Scan# 310
 Delta R.T. -0.012 min
 Lab File: VW025310.D
 Acq: 08 Feb 2023 09:20

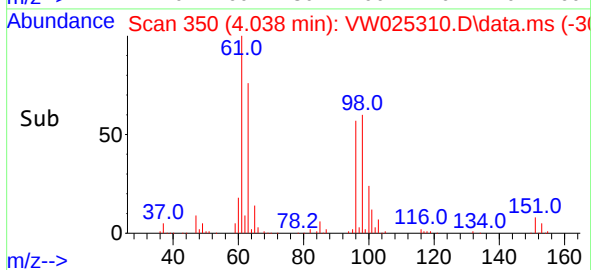
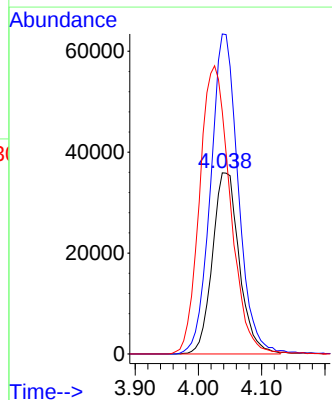
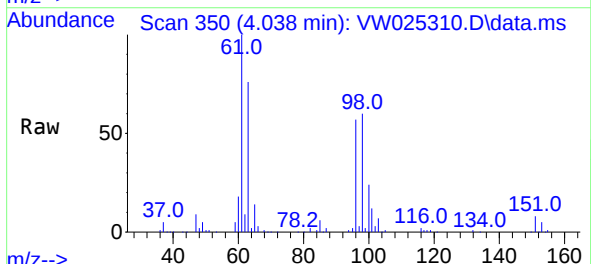
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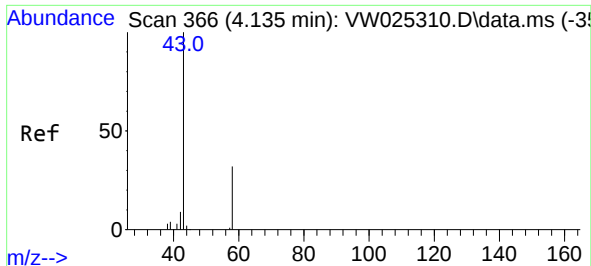
Tgt Ion:101 Resp: 109396
 Ion Ratio Lower Upper
 101 100
 85 45.0 32.8 49.2
 151 72.6 54.7 82.1



#12
 1,1-Dichloroethene
 Concen: 25.761 ug/L
 RT: 4.038 min Scan# 350
 Delta R.T. -0.006 min
 Lab File: VW025310.D
 Acq: 08 Feb 2023 09:20

Tgt Ion: 96 Resp: 105572
 Ion Ratio Lower Upper
 96 100
 61 176.6 120.8 224.4
 63 133.8 85.7 159.1





#13

Acetone

Concen: 50.673 ug/L

RT: 4.135 min Scan# 366

Delta R.T. 0.006 min

Lab File: VW025310.D

Acq: 08 Feb 2023 09:20

Instrument :

MSVOA_W

ClientSampleId :

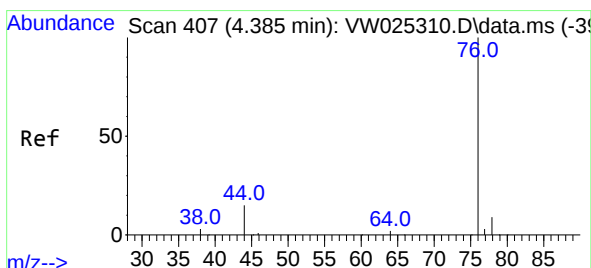
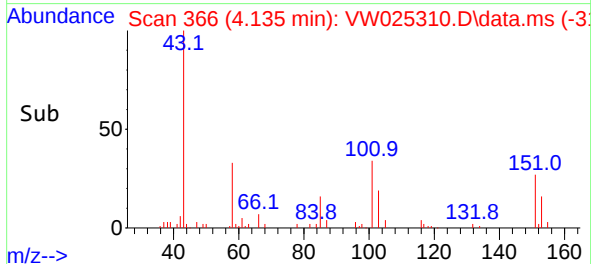
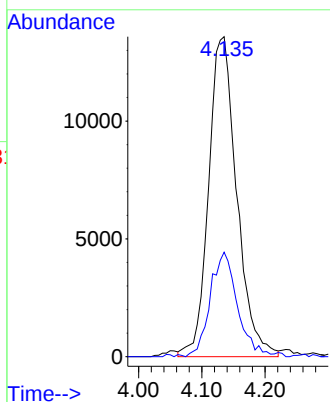
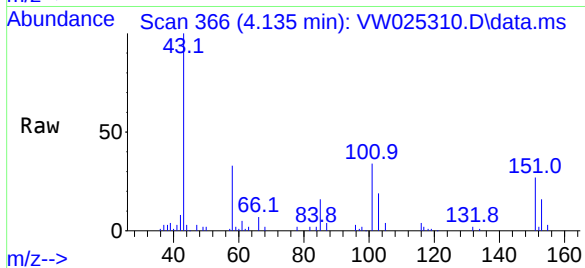
VSTD025532

Tgt Ion: 43 Resp: 41998

Ion Ratio Lower Upper

43 100

58 31.4 0.0 63.0



#14

Carbon disulfide

Concen: 24.524 ug/L

RT: 4.385 min Scan# 407

Delta R.T. 0.000 min

Lab File: VW025310.D

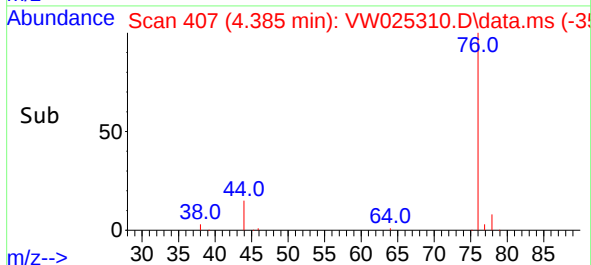
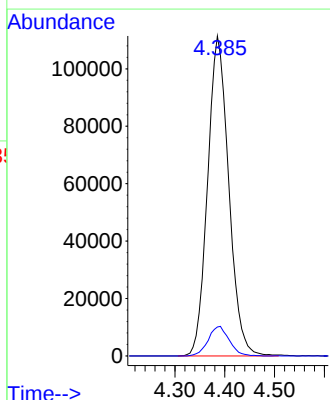
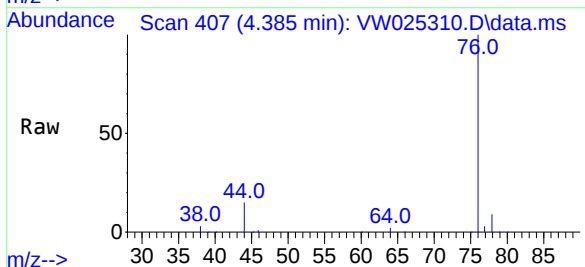
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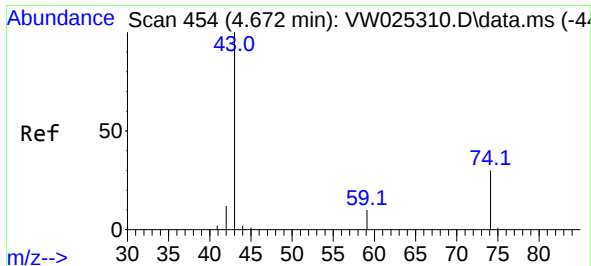
Tgt Ion: 76 Resp: 328438

Ion Ratio Lower Upper

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78 9.1 7.3 10.9

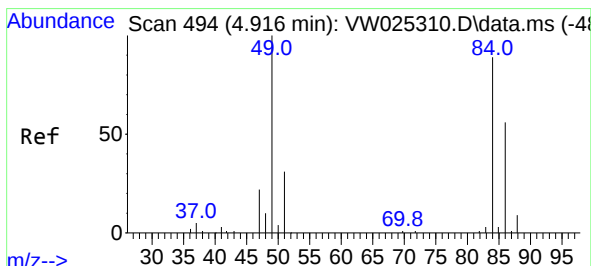
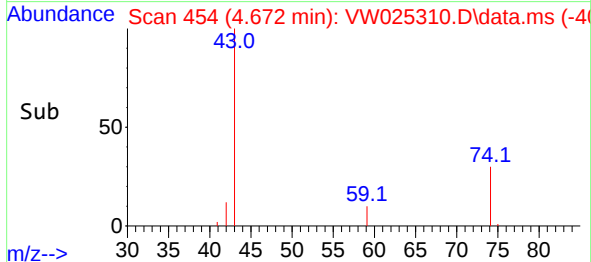
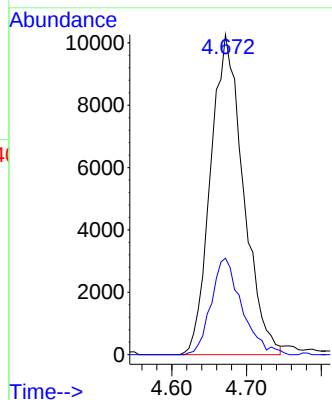
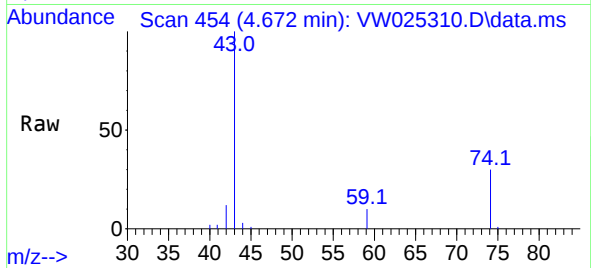




#15
Methyl Acetate
Concen: 22.061 ug/L
RT: 4.672 min Scan# 454
Delta R.T. 0.000 min
Lab File: VW025310.D
Acq: 08 Feb 2023 09:20

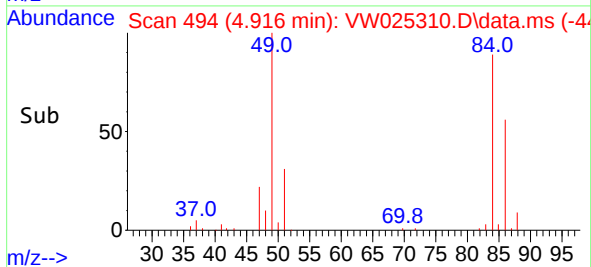
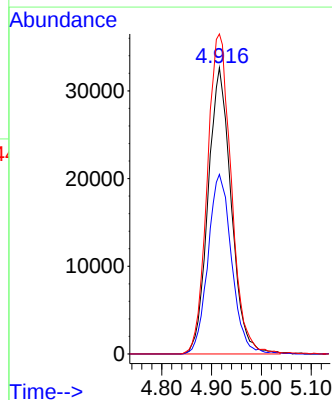
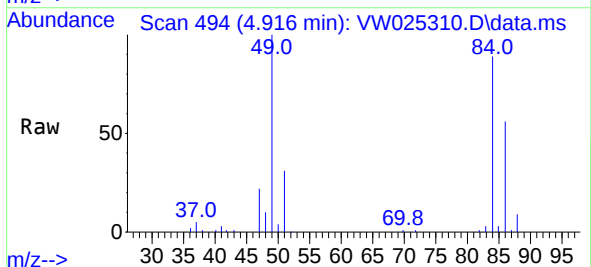
Instrument :
MSVOA_W
ClientSampleId :
VSTD025532

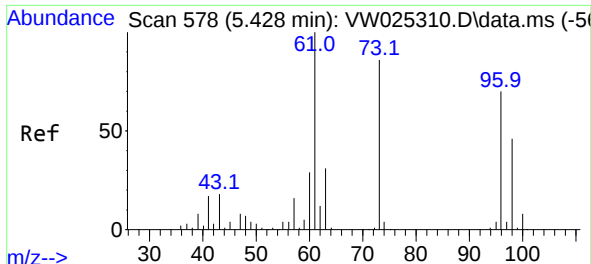
Tgt Ion: 43 Resp: 31287
Ion Ratio Lower Upper
43 100
74 27.5 20.2 30.2



#16
Methylene chloride
Concen: 20.629 ug/L
RT: 4.916 min Scan# 494
Delta R.T. 0.000 min
Lab File: VW025310.D
Acq: 08 Feb 2023 09:20

Tgt Ion: 84 Resp: 105079
Ion Ratio Lower Upper
84 100
86 62.7 47.2 87.6
49 111.8 86.5 160.7

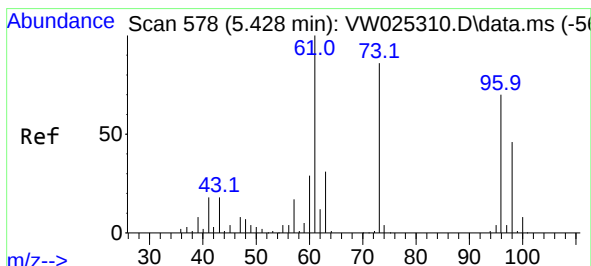
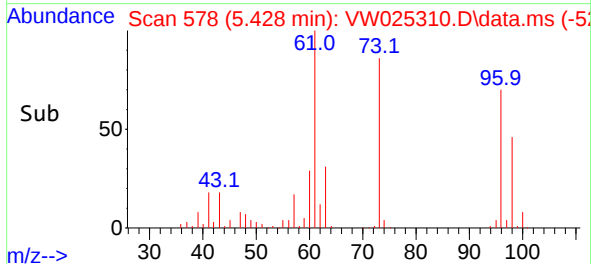
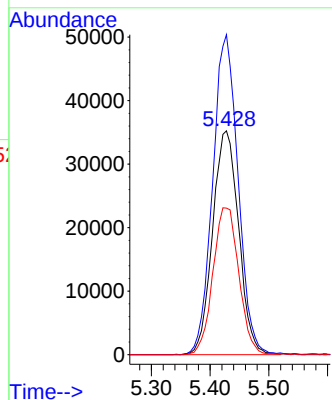
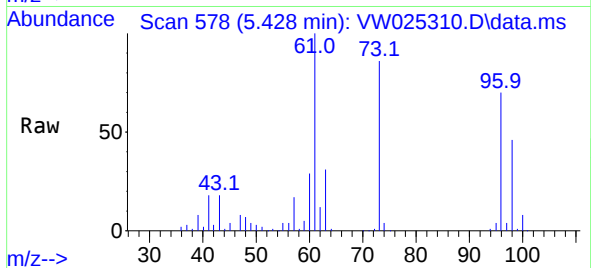




#17
trans-1,2-Dichloroethene
Concen: 24.713 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.000 min
Lab File: VW025310.D
Acq: 08 Feb 2023 09:20

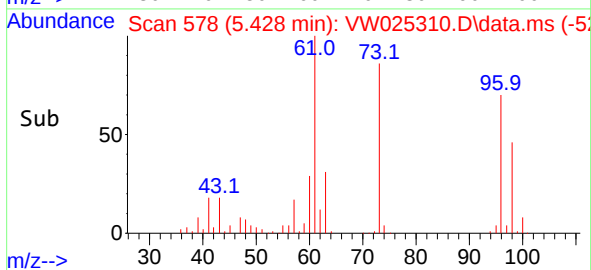
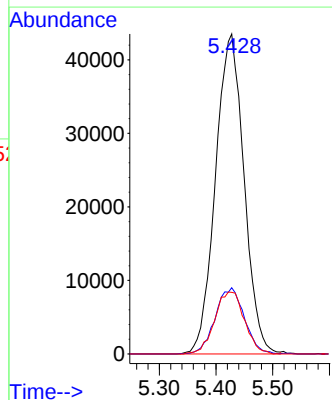
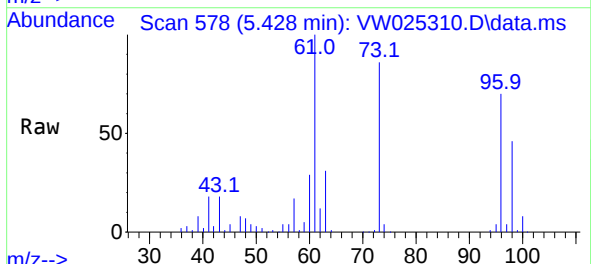
Instrument :
MSVOA_W
ClientSampleId :
VSTD025532

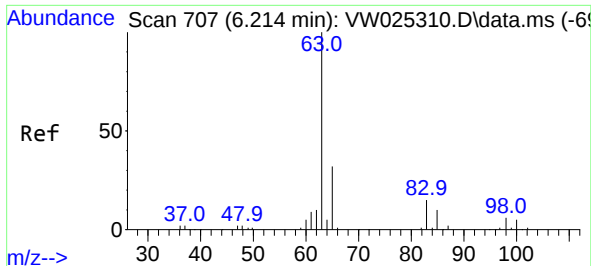
Tgt Ion: 96 Resp: 108763
Ion Ratio Lower Upper
96 100
61 142.9 98.4 182.8
98 65.5 43.5 80.9



#18
Methyl tert-butyl Ether
Concen: 24.017 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.000 min
Lab File: VW025310.D
Acq: 08 Feb 2023 09:20

Tgt Ion: 73 Resp: 151952
Ion Ratio Lower Upper
73 100
43 21.1 15.8 23.6
57 20.2 17.0 25.4





#19

1,1-Dichloroethane

Concen: 25.035 ug/L

RT: 6.214 min Scan# 707

Delta R.T. -0.006 min

Lab File: VW025310.D

Acq: 08 Feb 2023 09:20

Instrument :

MSVOA_W

ClientSampleId :

VSTD025532

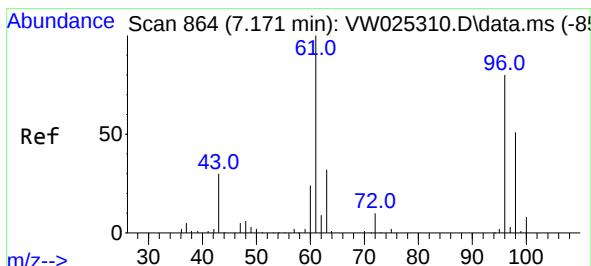
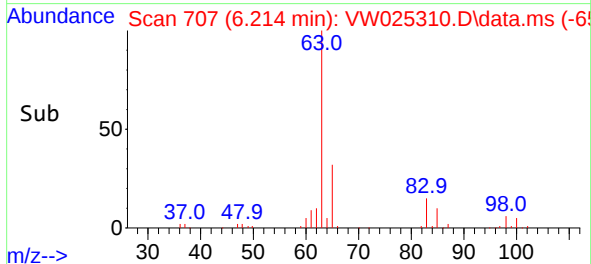
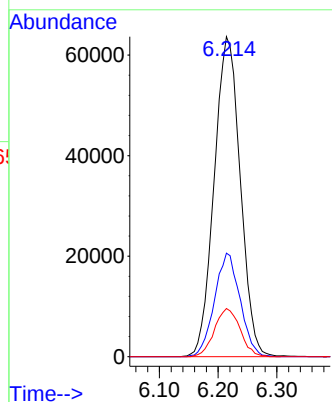
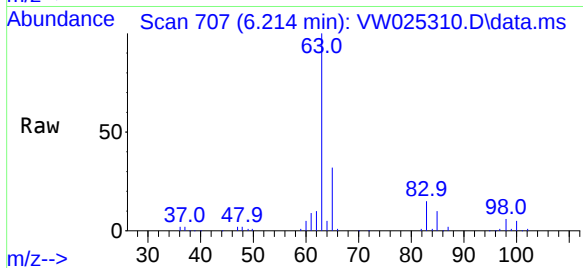
Tgt Ion: 63 Resp: 196194

Ion Ratio Lower Upper

63 100

65 32.3 22.0 41.0

83 15.0 9.5 17.7



#20

cis-1,2-Dichloroethene

Concen: 25.443 ug/L

RT: 7.171 min Scan# 864

Delta R.T. 0.000 min

Lab File: VW025310.D

Acq: 08 Feb 2023 09:20

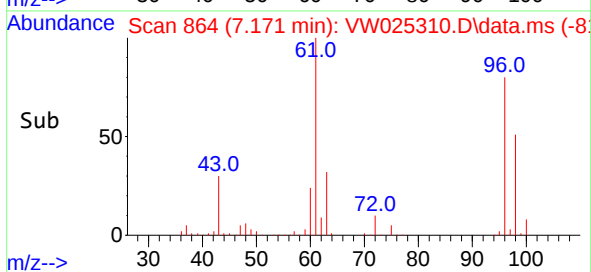
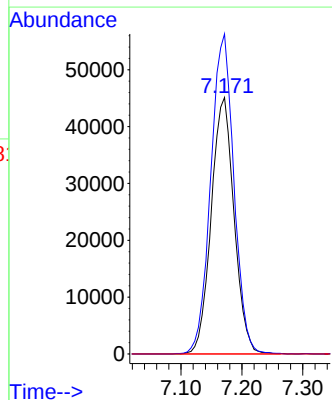
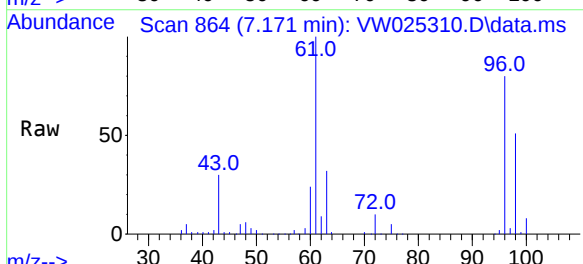
Tgt Ion: 96 Resp: 117575

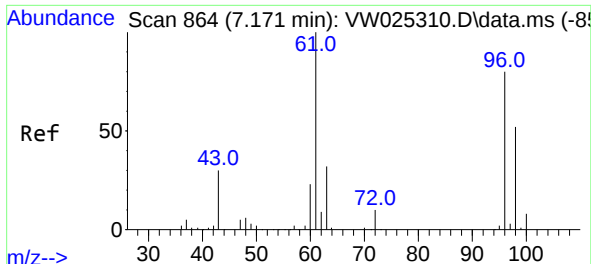
Ion Ratio Lower Upper

96 100

61 124.8 87.2 162.0

68 0.0 0.0 0.0

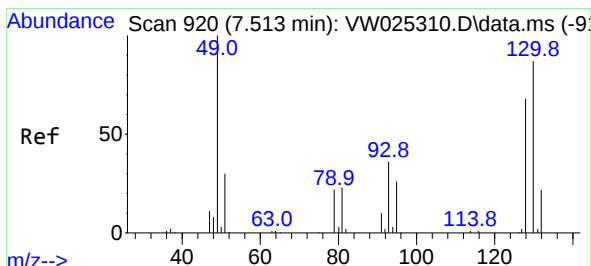
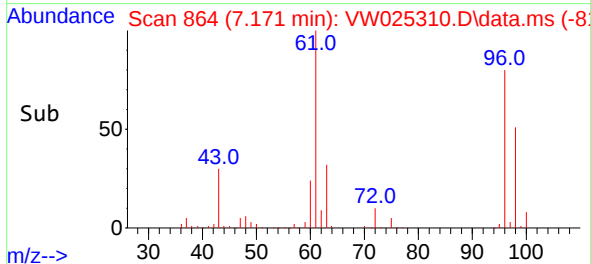
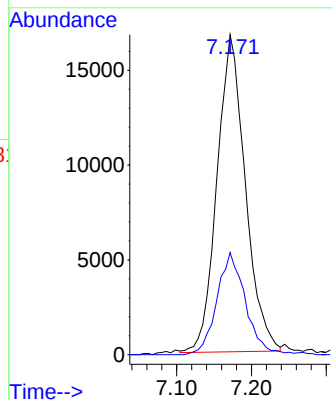
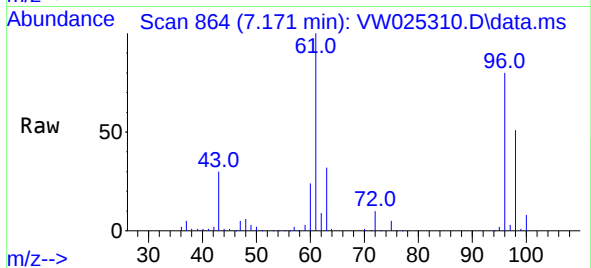




#22
2-Butanone
Concen: 43.716 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW025310.D
Acq: 08 Feb 2023 09:20

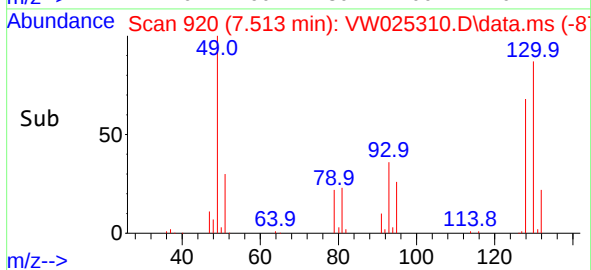
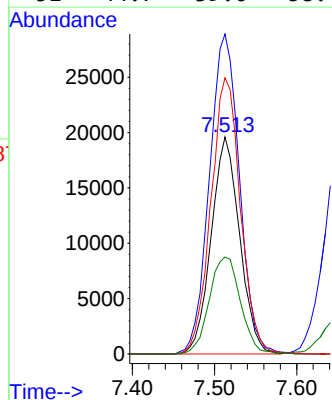
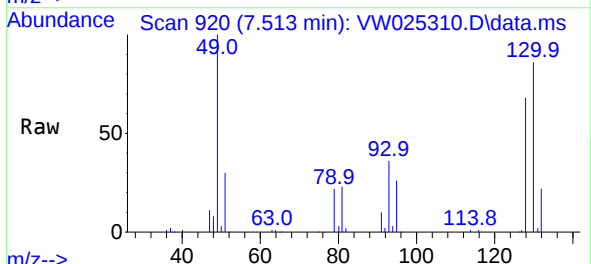
Instrument :
MSVOA_W
ClientSampleId :
VSTD025532

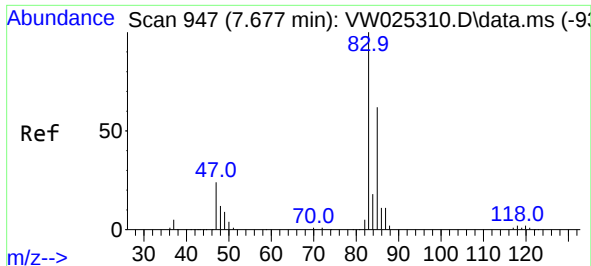
Tgt Ion: 43 Resp: 44061
Ion Ratio Lower Upper
43 100
72 32.4 15.2 45.6



#23
Bromochloromethane
Concen: 24.778 ug/L
RT: 7.513 min Scan# 920
Delta R.T. 0.000 min
Lab File: VW025310.D
Acq: 08 Feb 2023 09:20

Tgt Ion: 128 Resp: 47164
Ion Ratio Lower Upper
128 100
49 147.5 109.0 202.4
130 127.3 93.3 173.3
51 44.7 39.0 58.4

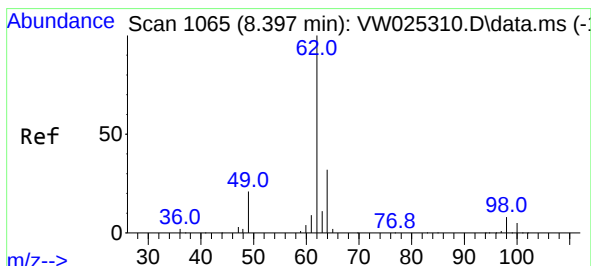
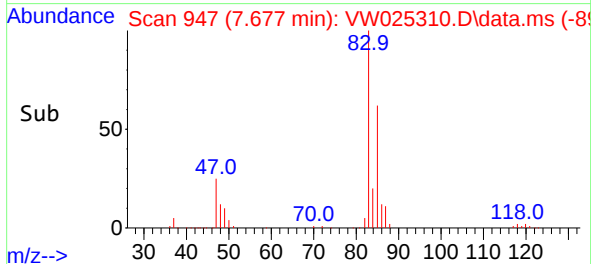
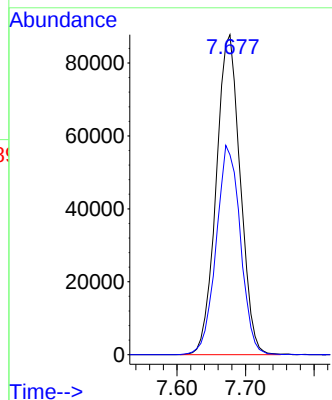
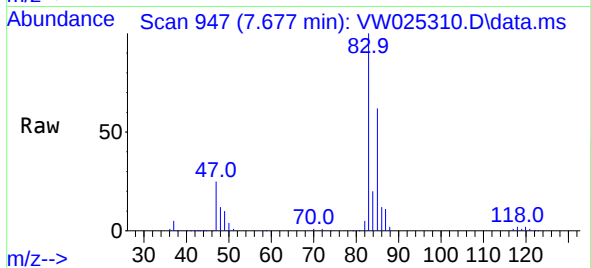




#25
Chloroform
Concen: 26.527 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW025310.D
Acq: 08 Feb 2023 09:20

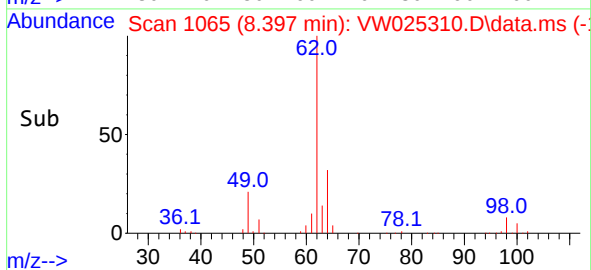
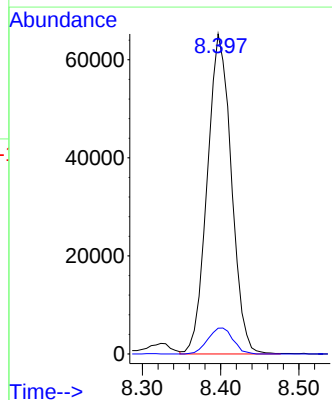
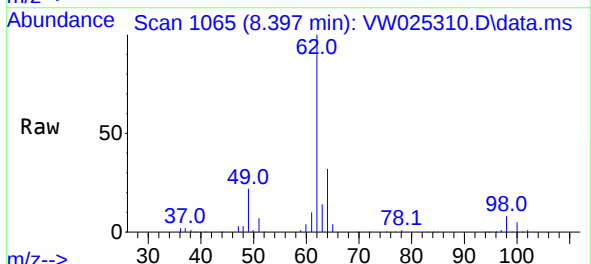
Instrument :
MSVOA_W
ClientSampleId :
VSTD025532

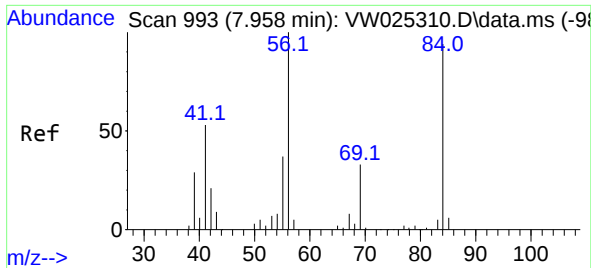
Tgt Ion: 83 Resp: 213833
Ion Ratio Lower Upper
83 100
85 62.5 45.8 85.0



#27
1,2-Dichloroethane
Concen: 28.417 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VW025310.D
Acq: 08 Feb 2023 09:20

Tgt Ion: 62 Resp: 139514
Ion Ratio Lower Upper
62 100
98 8.1 7.4 11.0

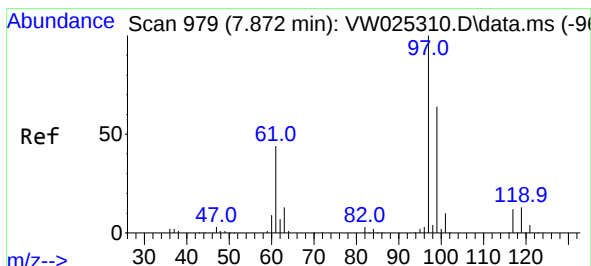
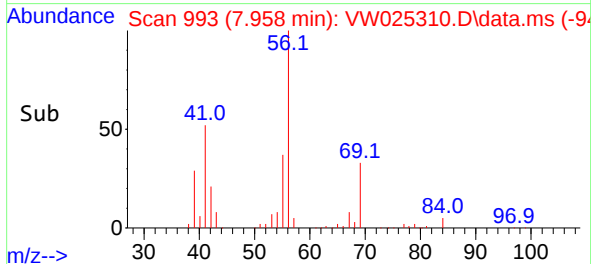
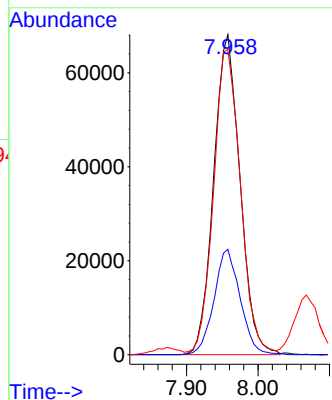
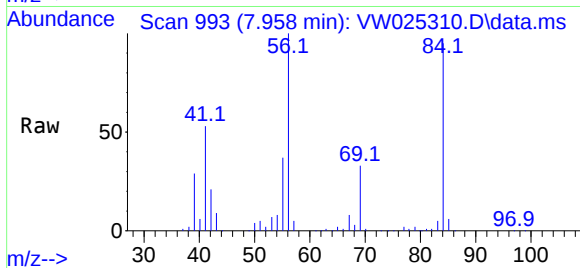




#29
Cyclohexane
Concen: 22.755 ug/L
RT: 7.958 min Scan# 993
Delta R.T. 0.000 min
Lab File: VW025310.D
Acq: 08 Feb 2023 09:20

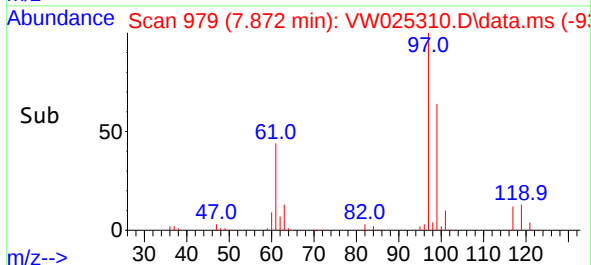
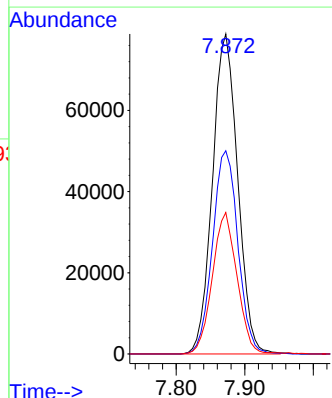
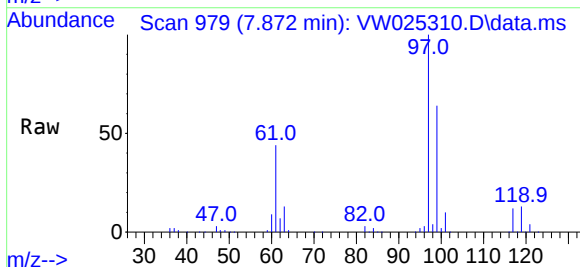
Instrument :
MSVOA_W
ClientSampleId :
VSTD025532

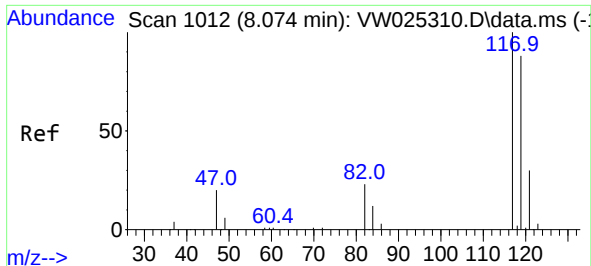
Tgt Ion:	56	Resp:	174177
Ion	Ratio	Lower	Upper
56	100		
69	32.7	25.1	37.7
84	97.6	73.2	109.8



#30
1,1,1-Trichloroethane
Concen: 26.736 ug/L
RT: 7.872 min Scan# 979
Delta R.T. 0.000 min
Lab File: VW025310.D
Acq: 08 Feb 2023 09:20

Tgt Ion:	97	Resp:	201578
Ion	Ratio	Lower	Upper
97	100		
99	63.9	51.2	76.8
61	43.1	35.0	52.6

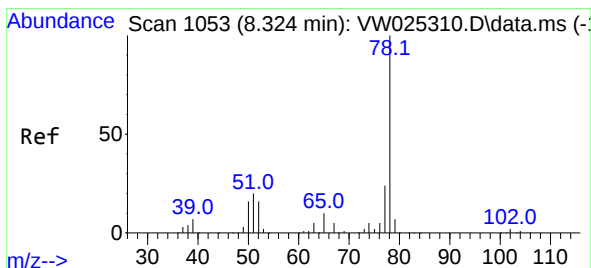
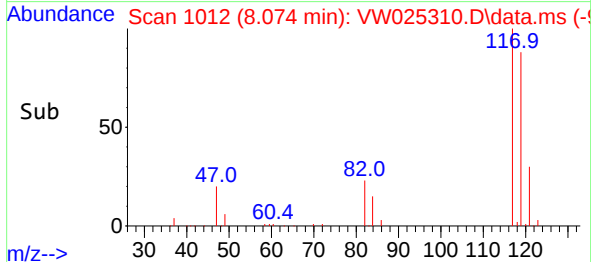
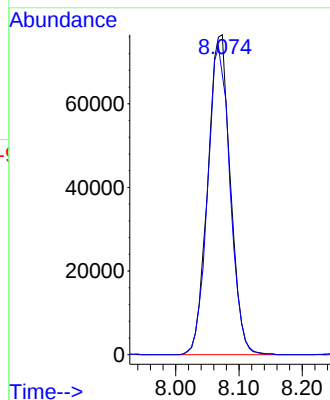
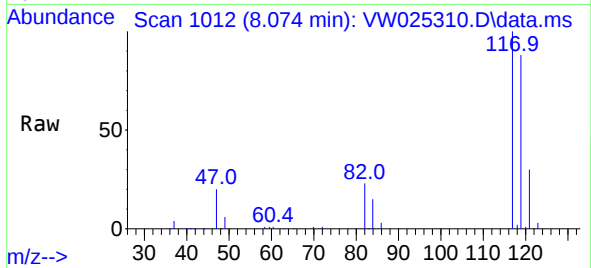




#31
Carbon tetrachloride
Concen: 27.296 ug/L
RT: 8.074 min Scan# 1012
Delta R.T. 0.006 min
Lab File: VW025310.D
Acq: 08 Feb 2023 09:20

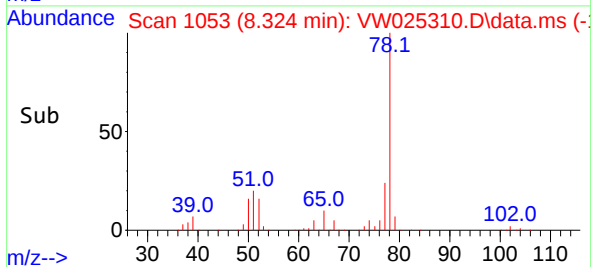
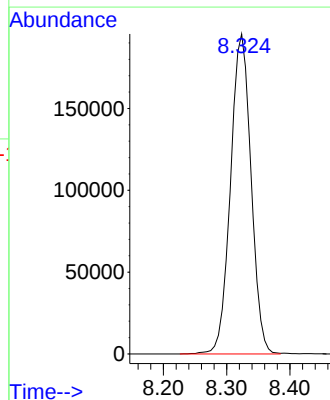
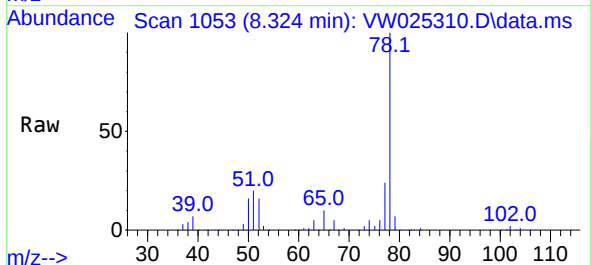
Instrument :
MSVOA_W
ClientSampleId :
VSTD025532

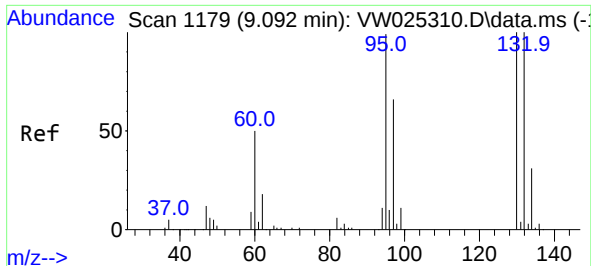
Tgt Ion:117 Resp: 190345
Ion Ratio Lower Upper
117 100
119 95.4 77.6 116.4



#33
Benzene
Concen: 23.982 ug/L
RT: 8.324 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW025310.D
Acq: 08 Feb 2023 09:20

Tgt Ion: 78 Resp: 441135

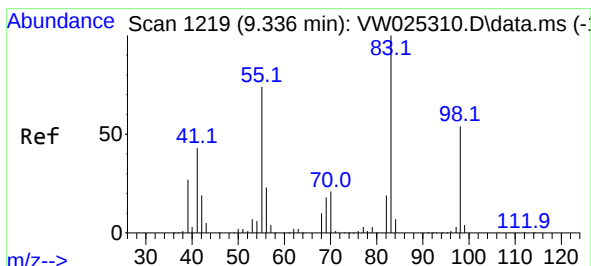
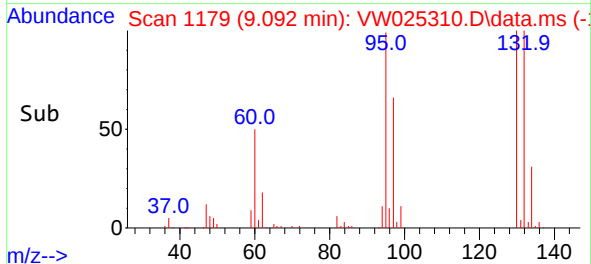
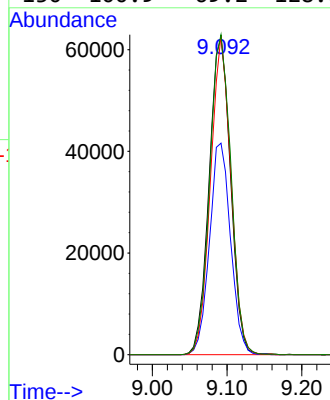
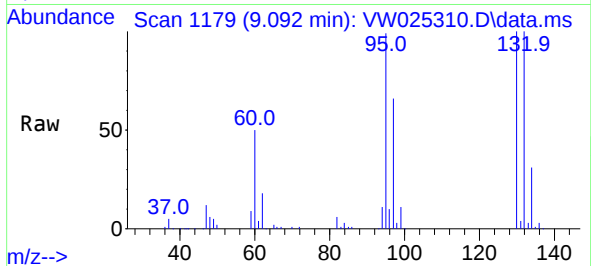




#34
Trichloroethene
Concen: 24.122 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW025310.D
Acq: 08 Feb 2023 09:20

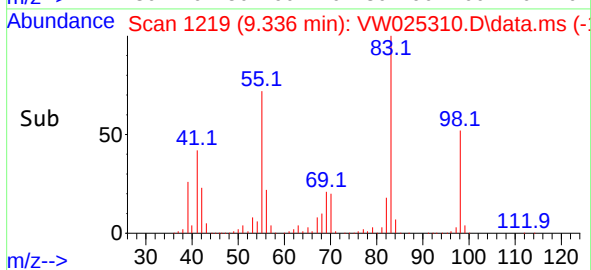
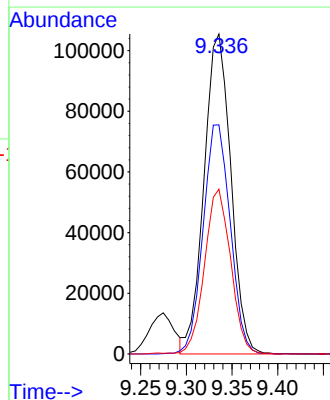
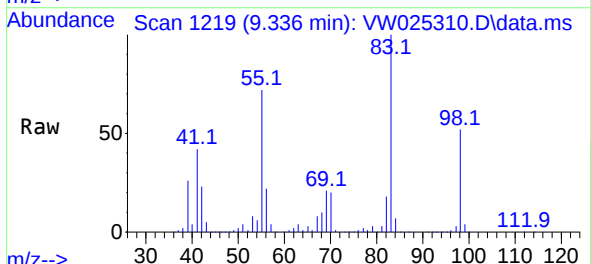
Instrument :
MSVOA_W
ClientSampleId :
VSTD025532

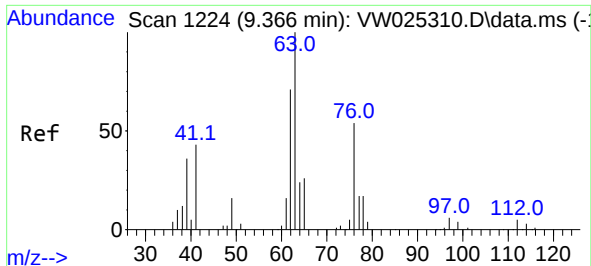
Tgt Ion: 95 Resp: 124283
Ion Ratio Lower Upper
95 100
97 66.7 45.4 84.2
132 100.7 67.1 124.5
130 100.9 69.2 128.6



#35
Methylcyclohexane
Concen: 23.429 ug/L
RT: 9.336 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW025310.D
Acq: 08 Feb 2023 09:20

Tgt Ion: 83 Resp: 215468
Ion Ratio Lower Upper
83 100
55 72.5 58.8 88.2
98 50.2 39.5 59.3

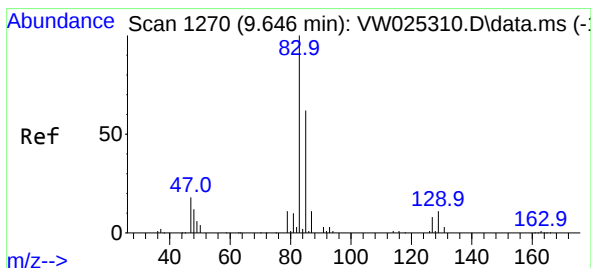
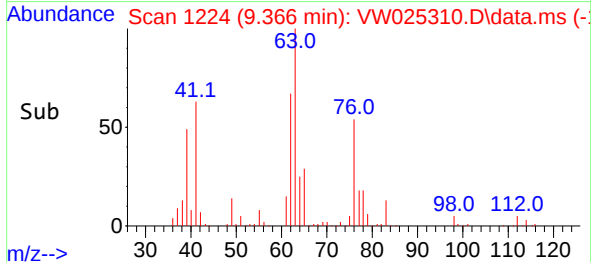
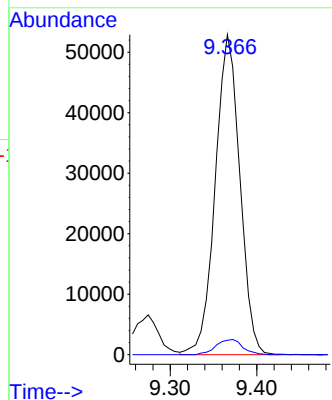
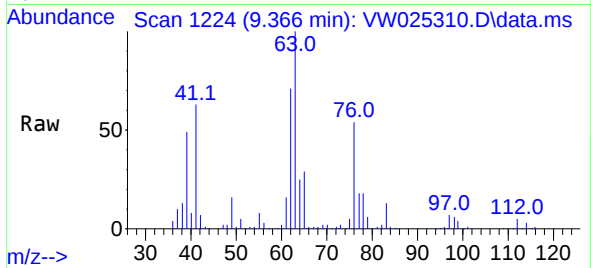




#37
1,2-Dichloropropane
Concen: 23.010 ug/L
RT: 9.366 min Scan# 112
Delta R.T. 0.000 min
Lab File: VW025310.D
Acq: 08 Feb 2023 09:20

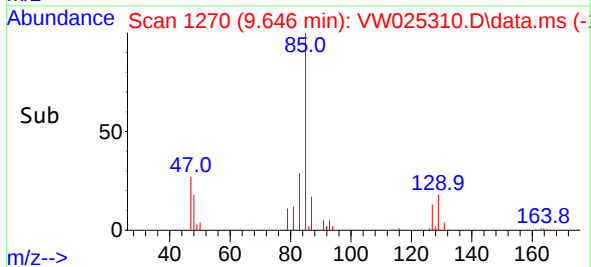
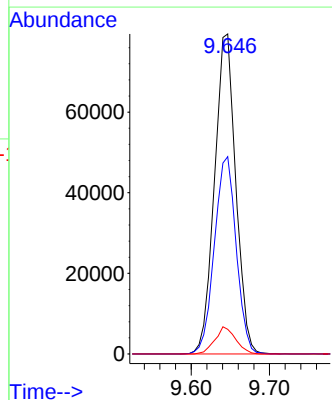
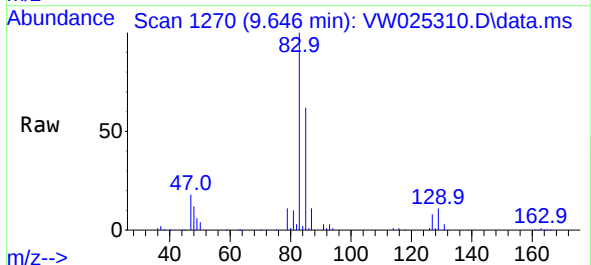
Instrument :
MSVOA_W
ClientSampleId :
VSTD025532

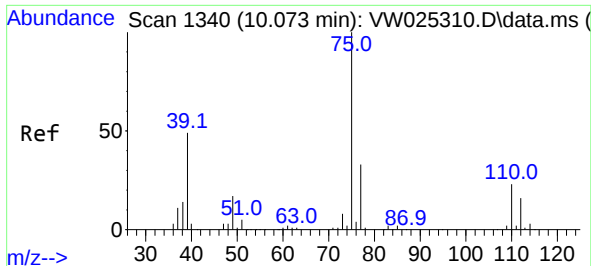
Tgt Ion: 63 Resp: 104387
Ion Ratio Lower Upper
63 100
112 5.1 3.8 5.8



#38
Bromodichloromethane
Concen: 24.882 ug/L
RT: 9.646 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VW025310.D
Acq: 08 Feb 2023 09:20

Tgt Ion: 83 Resp: 150093
Ion Ratio Lower Upper
83 100
85 61.6 44.4 82.4
127 7.7 6.2 9.2





#39

cis-1,3-Dichloropropene

Concen: 23.698 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. 0.000 min

Lab File: VW025310.D

Acq: 08 Feb 2023 09:20

Instrument :

MSVOA_W

ClientSampleId :

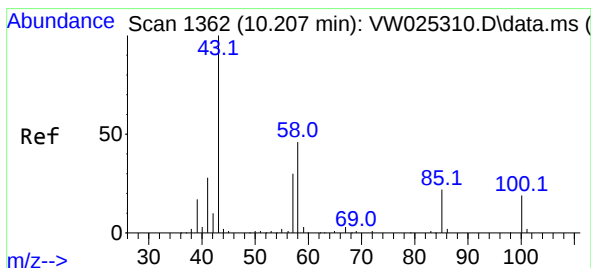
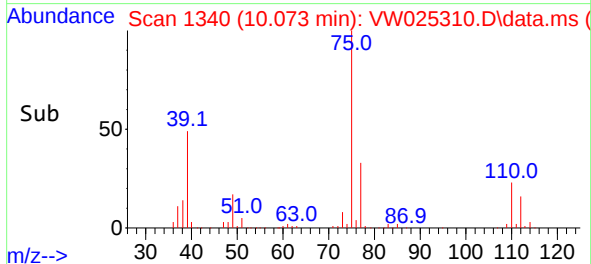
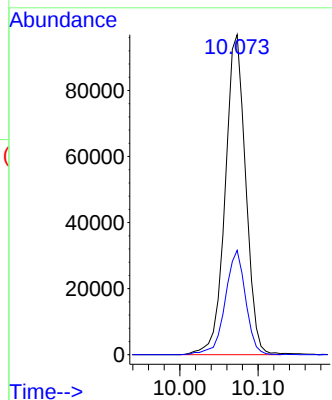
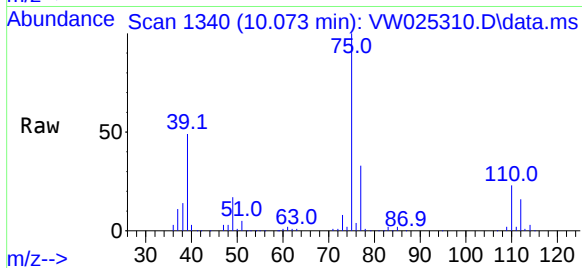
VSTD025532

Tgt Ion: 75 Resp: 176032

Ion Ratio Lower Upper

75 100

77 32.6 22.6 42.0



#40

4-Methyl-2-pentanone

Concen: 42.457 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW025310.D

Acq: 08 Feb 2023 09:20

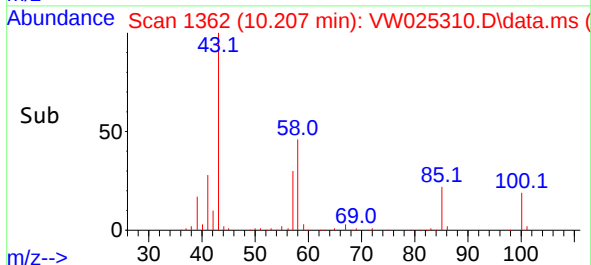
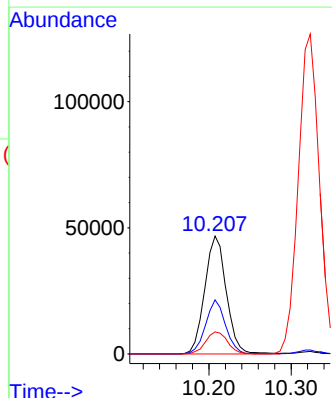
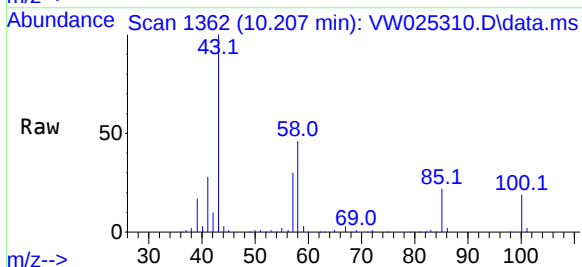
Tgt Ion: 43 Resp: 85044

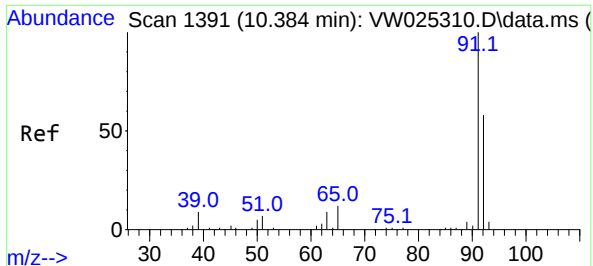
Ion Ratio Lower Upper

43 100

58 42.4 34.1 51.1

100 19.2 14.5 21.7





#42

Toluene

Concen: 26.575 ug/L

RT: 10.384 min Scan# 1391

Delta R.T. 0.000 min

Lab File: VW025310.D

Acq: 08 Feb 2023 09:20

Instrument :

MSVOA_W

ClientSampleId :

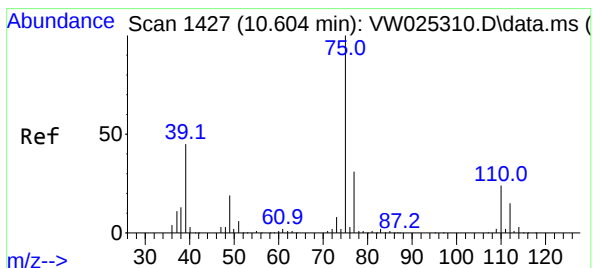
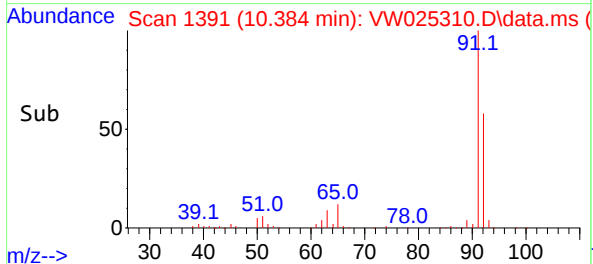
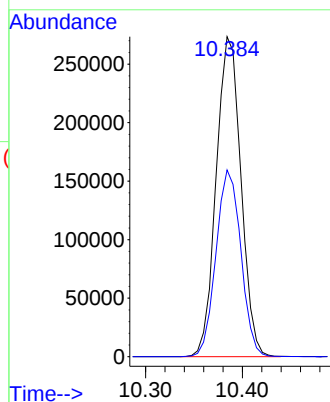
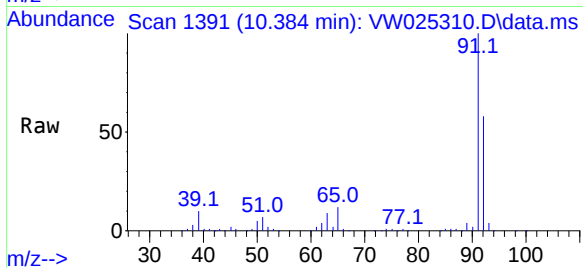
VSTD025532

Tgt Ion: 91 Resp: 486108

Ion Ratio Lower Upper

91 100

92 58.4 41.9 77.7



#44

trans-1,3-Dichloropropene

Concen: 27.672 ug/L

RT: 10.604 min Scan# 1427

Delta R.T. 0.000 min

Lab File: VW025310.D

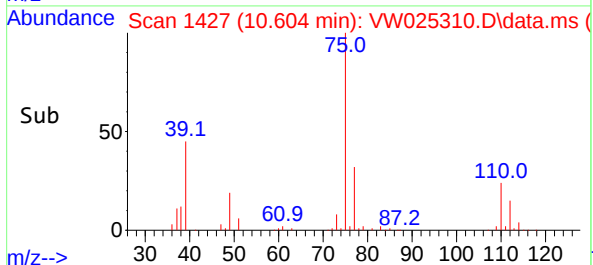
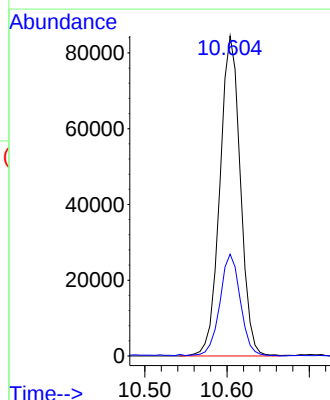
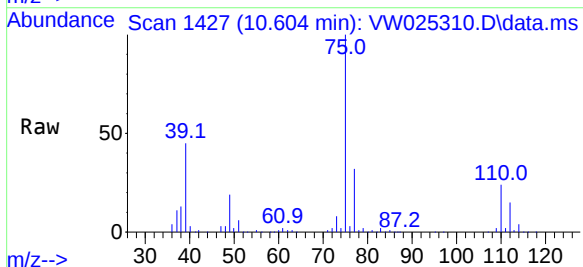
Acq: 08 Feb 2023 09:20

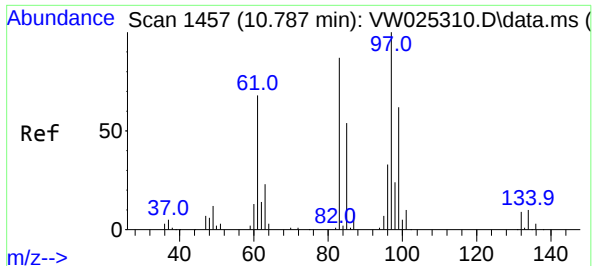
Tgt Ion: 75 Resp: 146519

Ion Ratio Lower Upper

75 100

77 31.8 21.7 40.3



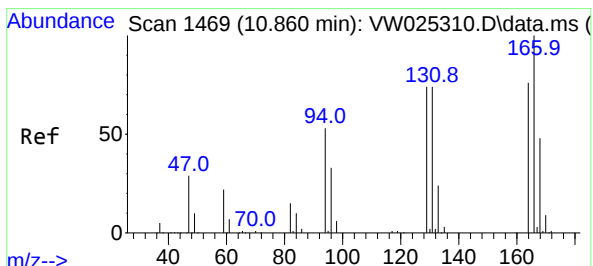
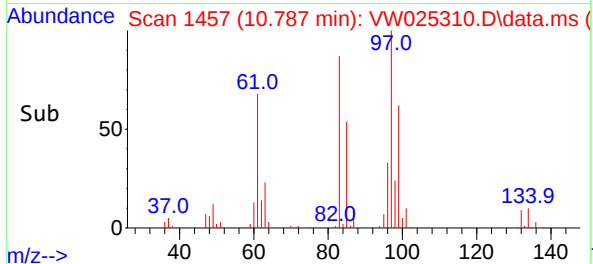
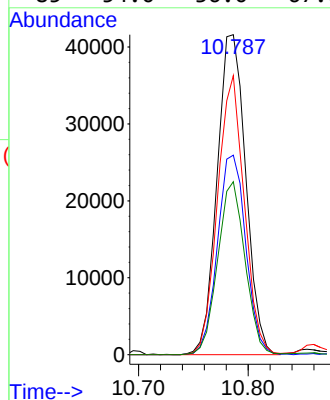
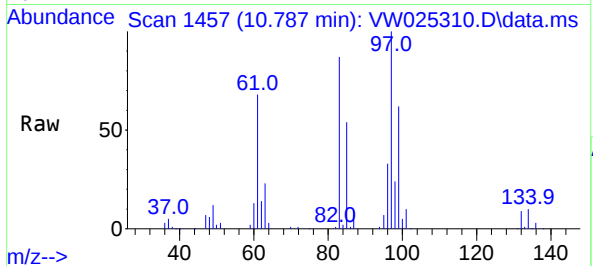


#45
1,1,2-Trichloroethane
Concen: 26.501 ug/L
RT: 10.787 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW025310.D
Acq: 08 Feb 2023 09:20

Instrument :
MSVOA_W
ClientSampleId :
VSTD025532

Tgt Ion: 97 Resp: 75772

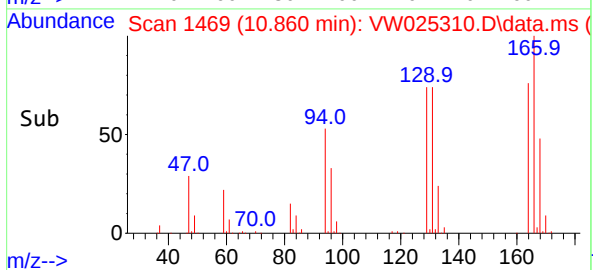
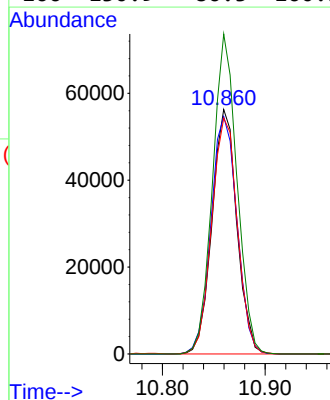
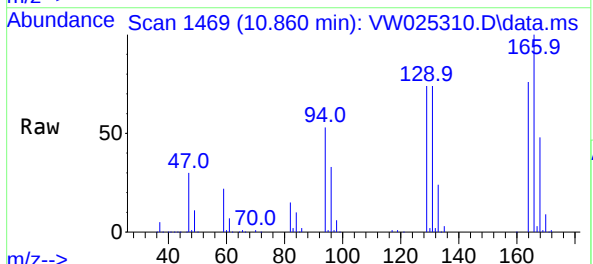
Ion	Ratio	Lower	Upper
97	100		
99	62.4	41.4	76.8
83	87.2	54.0	100.4
85	54.0	36.0	67.0

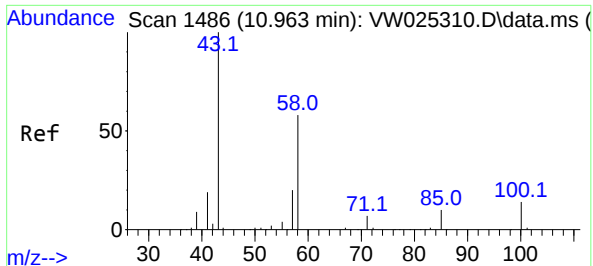


#46
Tetrachloroethene
Concen: 28.543 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. -0.006 min
Lab File: VW025310.D
Acq: 08 Feb 2023 09:20

Tgt Ion: 164 Resp: 93984

Ion	Ratio	Lower	Upper
164	100		
129	97.1	74.1	137.5
131	96.5	72.3	134.3
166	130.9	86.3	160.3



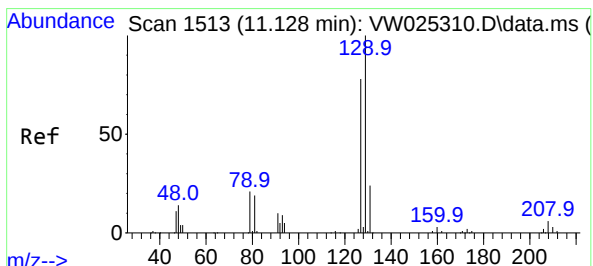
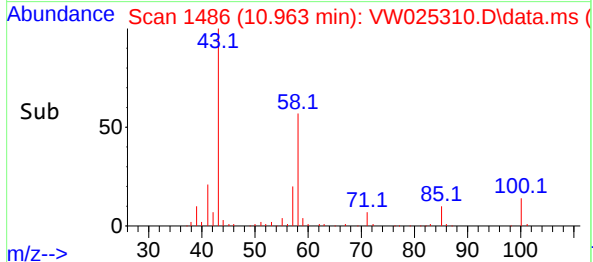
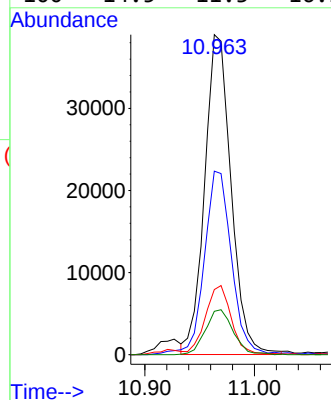
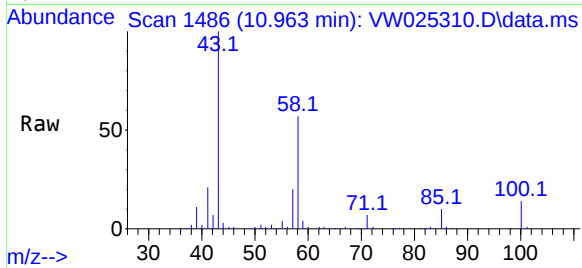


#48
2-Hexanone
Concen: 51.802 ug/L
RT: 10.963 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VW025310.D
Acq: 08 Feb 2023 09:20

Instrument :
MSVOA_W
ClientSampleId :
VSTD025532

Tgt Ion: 43 Resp: 65506

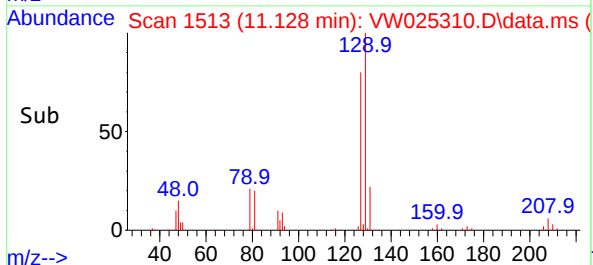
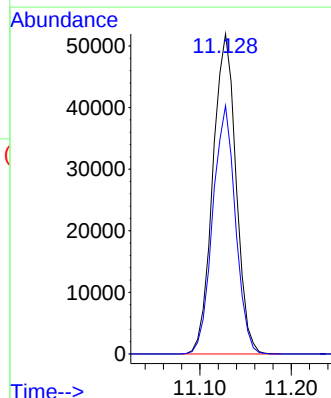
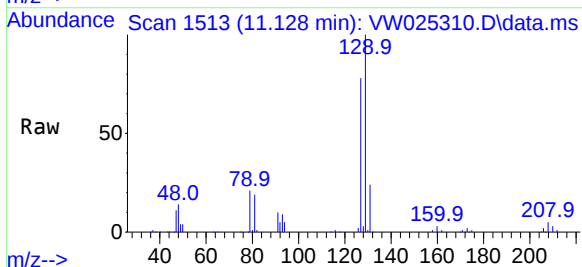
Ion	Ratio	Lower	Upper
43	100		
58	58.6	46.3	69.5
57	21.1	16.5	24.7
100	14.5	11.3	16.9

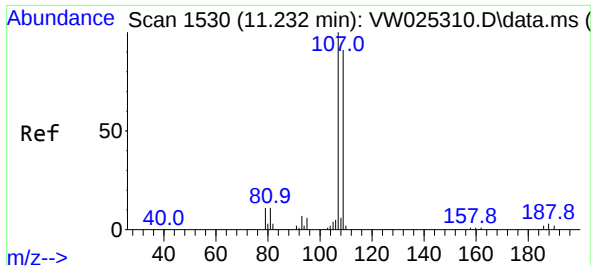


#49
Dibromochloromethane
Concen: 28.302 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW025310.D
Acq: 08 Feb 2023 09:20

Tgt Ion: 129 Resp: 91396

Ion	Ratio	Lower	Upper
129	100		
127	77.5	54.8	101.8





#50

1,2-Dibromoethane

Concen: 26.208 ug/L

RT: 11.232 min Scan# 1530

Delta R.T. 0.000 min

Lab File: VW025310.D

Acq: 08 Feb 2023 09:20

Instrument :

MSVOA_W

ClientSampleId :

VSTD025532

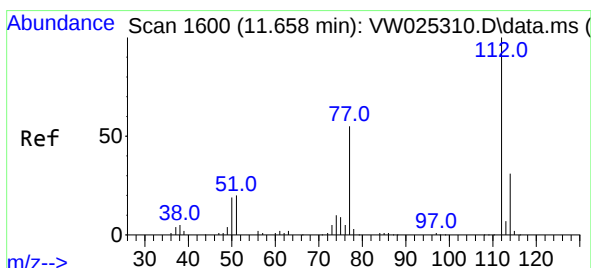
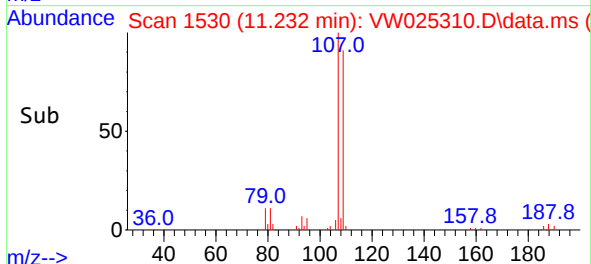
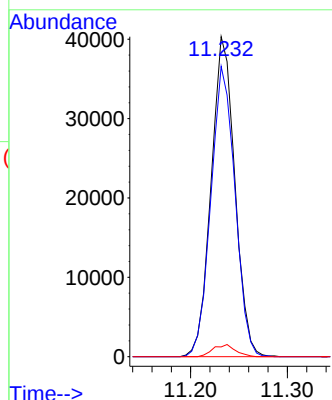
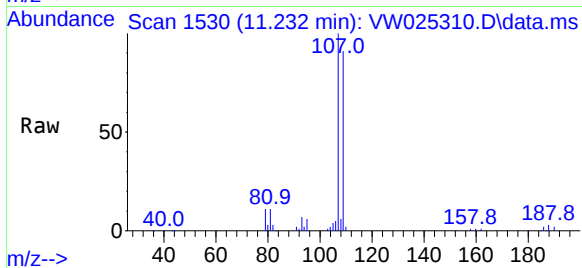
Tgt Ion:107 Resp: 68642

Ion Ratio Lower Upper

107 100

109 90.7 65.0 120.6

188 3.0 2.3 3.5



#51

Chlorobenzene

Concen: 25.426 ug/L

RT: 11.658 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VW025310.D

Acq: 08 Feb 2023 09:20

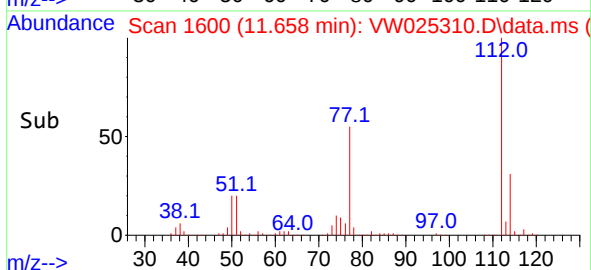
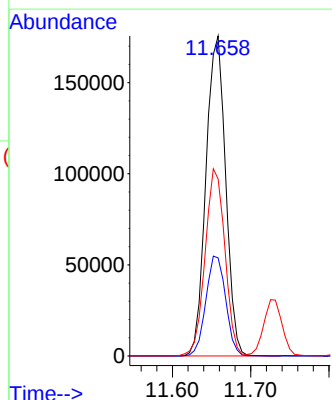
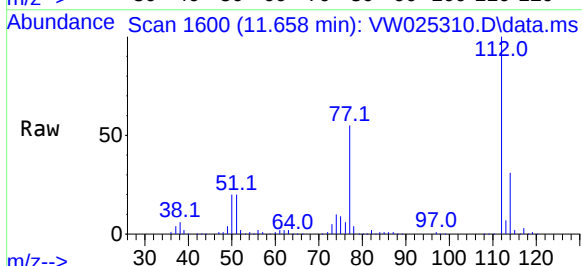
Tgt Ion:112 Resp: 306073

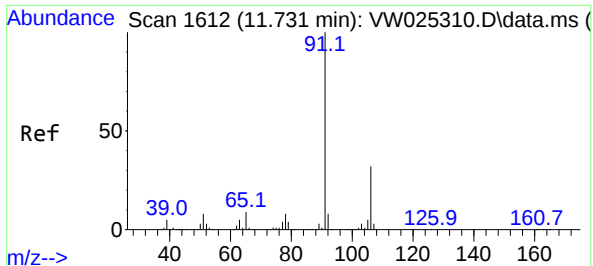
Ion Ratio Lower Upper

112 100

114 30.7 21.7 40.3

77 55.3 46.2 69.4





#52

Ethylbenzene

Concen: 25.789 ug/L

RT: 11.731 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW025310.D

Acq: 08 Feb 2023 09:20

Instrument :

MSVOA_W

ClientSampleId :

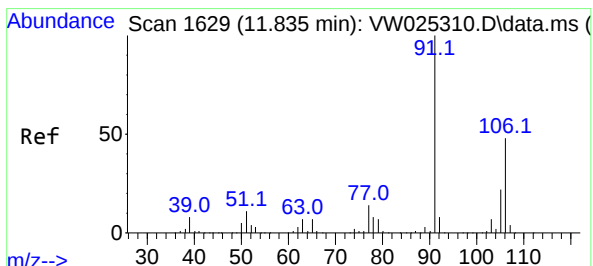
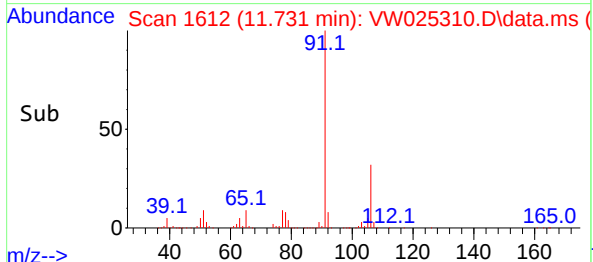
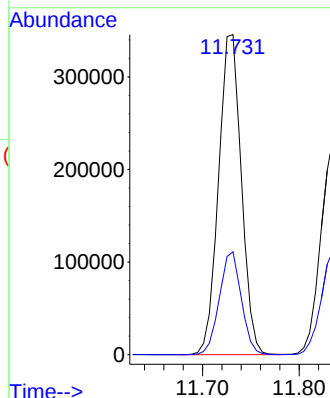
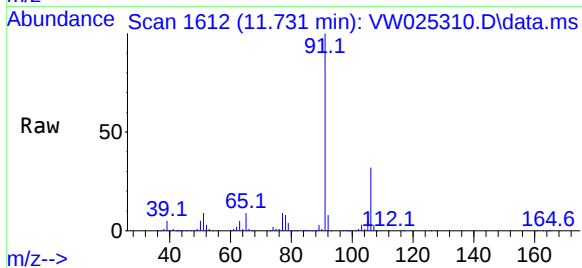
VSTD025532

Tgt Ion: 91 Resp: 565186

Ion Ratio Lower Upper

91 100

106 32.2 21.1 39.1



#53

m,p-Xylene

Concen: 26.175 ug/L

RT: 11.835 min Scan# 1629

Delta R.T. 0.000 min

Lab File: VW025310.D

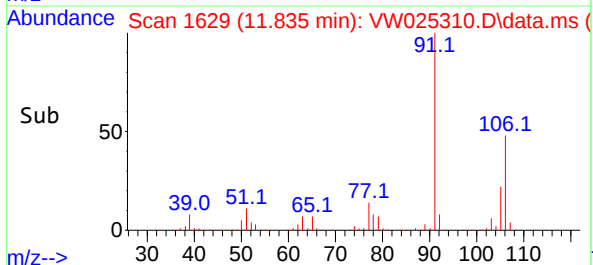
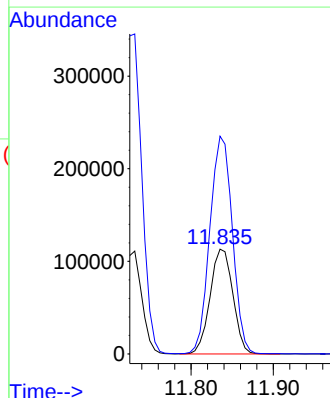
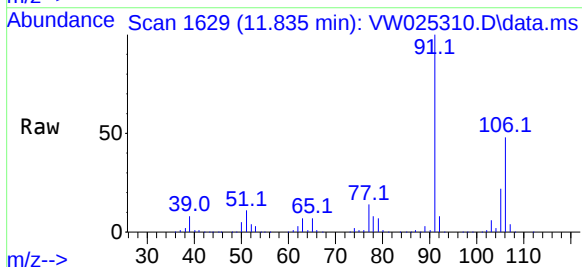
Acq: 08 Feb 2023 09:20

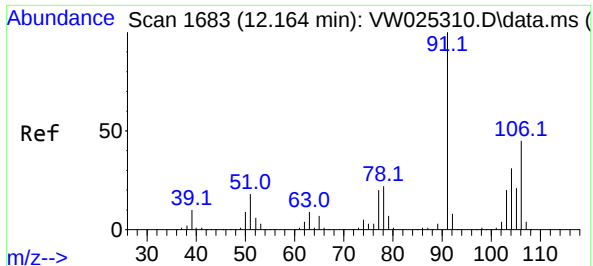
Tgt Ion:106 Resp: 217411

Ion Ratio Lower Upper

106 100

91 207.9 143.4 266.4

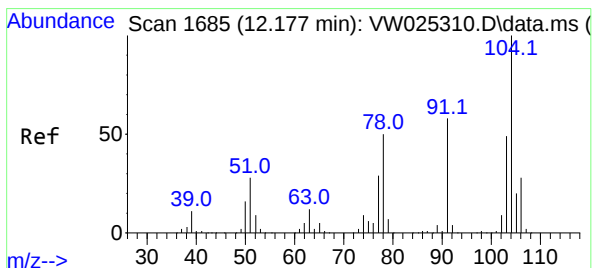
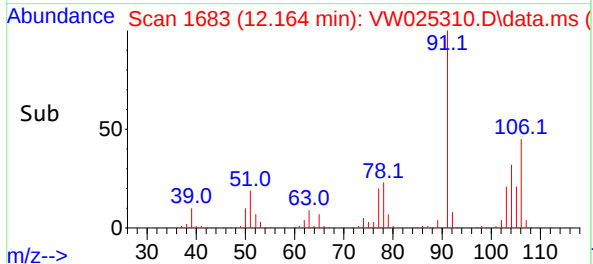
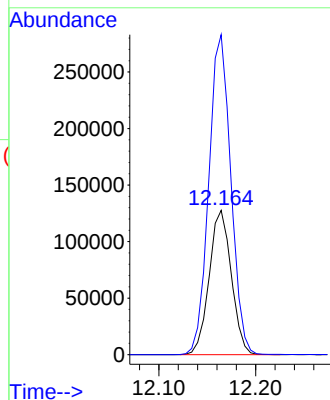
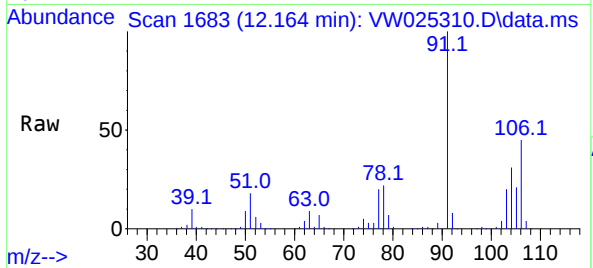




#54
o-Xylene
Concen: 24.295 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW025310.D
Acq: 08 Feb 2023 09:20

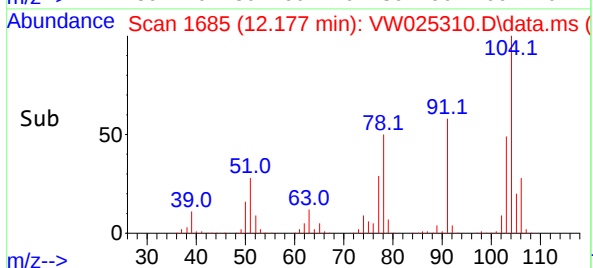
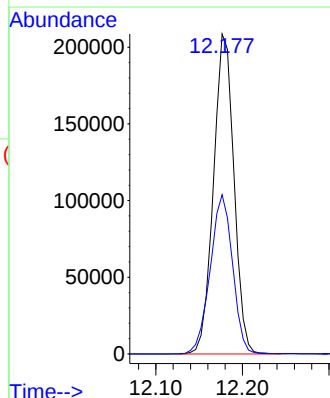
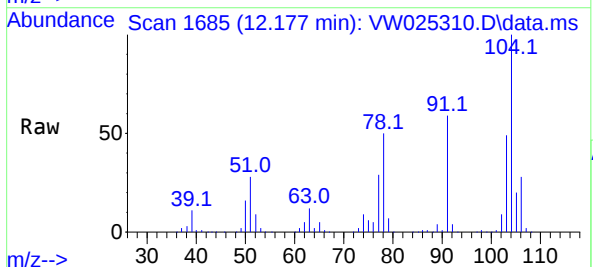
Instrument :
MSVOA_W
ClientSampleId :
VSTD025532

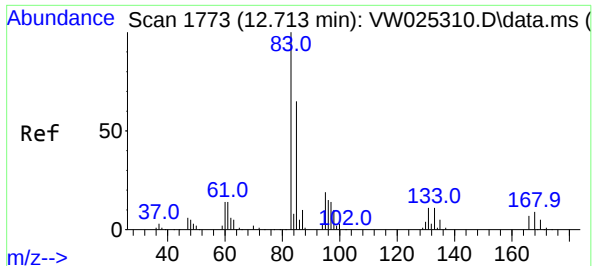
Tgt Ion:106 Resp: 203144
Ion Ratio Lower Upper
106 100
91 221.7 157.6 292.8



#55
Styrene
Concen: 24.213 ug/L
RT: 12.177 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW025310.D
Acq: 08 Feb 2023 09:20

Tgt Ion:104 Resp: 342797
Ion Ratio Lower Upper
104 100
78 49.7 32.8 60.8



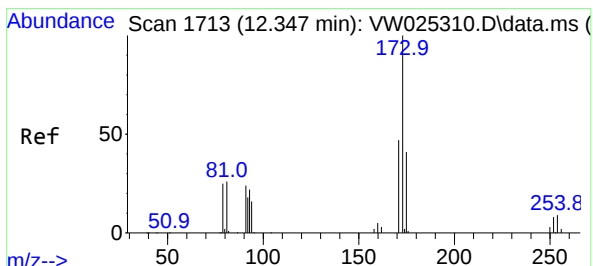
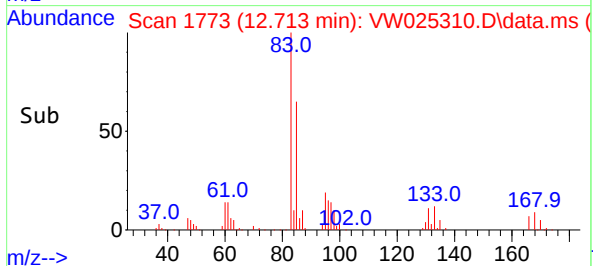
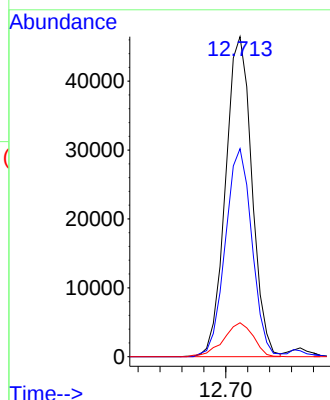
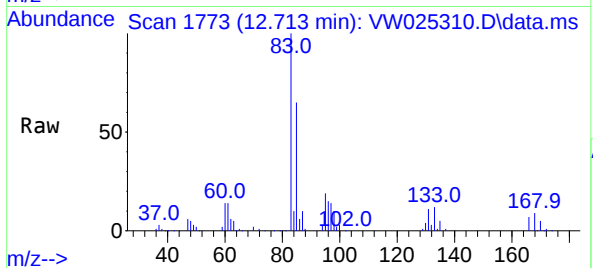


#57
1,1,2-Tetrachloroethane
Concen: 22.745 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VW025310.D
Acq: 08 Feb 2023 09:20

Instrument :
MSVOA_W
ClientSampleId :
VSTD025532

Tgt Ion: 83 Resp: 77487

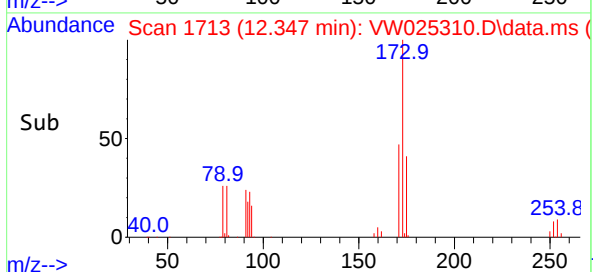
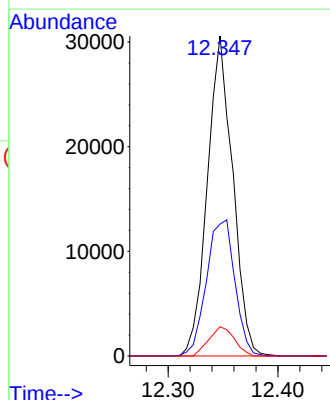
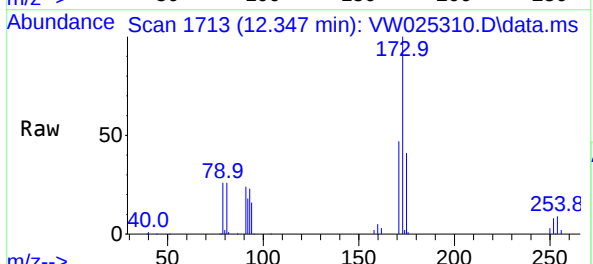
Ion	Ratio	Lower	Upper
83	100		
85	65.0	44.7	83.1
131	10.6	7.8	11.6



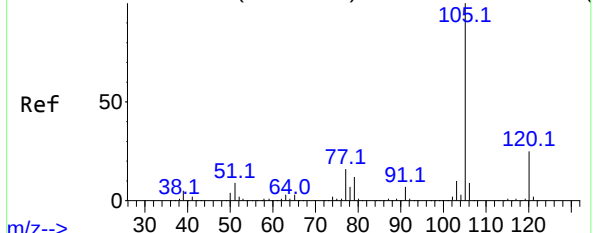
#59
Bromoform
Concen: 26.196 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. 0.000 min
Lab File: VW025310.D
Acq: 08 Feb 2023 09:20

Tgt Ion: 173 Resp: 49184

Ion	Ratio	Lower	Upper
173	100		
175	47.6	38.6	58.0
254	9.1	7.0	10.4

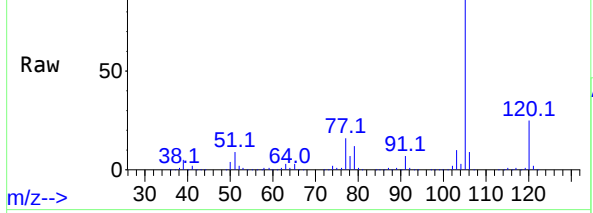


Abundance Scan 1732 (12.463 min): VW025310.D\data.ms (



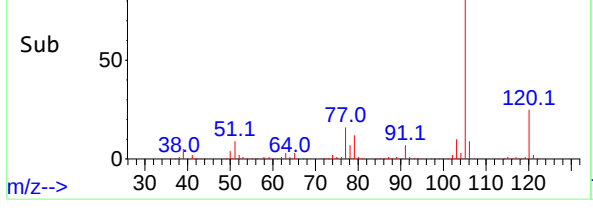
m/z-->

Abundance Scan 1732 (12.463 min): VW025310.D\data.ms



m/z-->

Abundance Scan 1732 (12.463 min): VW025310.D\data.ms (



m/z-->

#60

Isopropylbenzene

Concen: 26.319 ug/L

RT: 12.463 min Scan# 1732

Delta R.T. 0.000 min

Lab File: VW025310.D

Acq: 08 Feb 2023 09:20

Instrument :

MSVOA_W

ClientSampleId :

VSTD025532

Tgt Ion:105 Resp: 589830

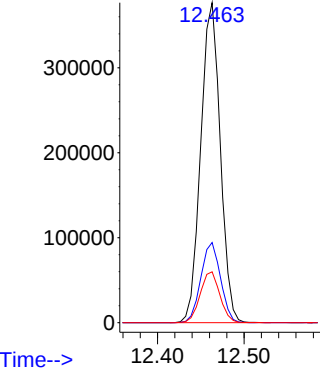
Ion Ratio Lower Upper

105 100

120 25.2 20.6 30.8

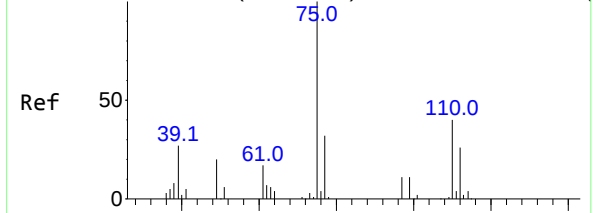
77 16.0 12.6 18.8

Abundance



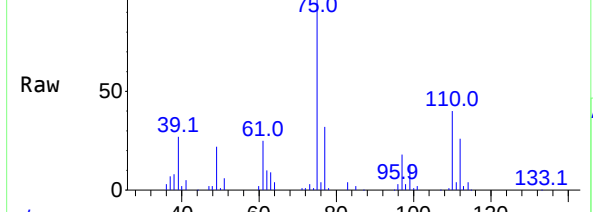
Time-->

Abundance Scan 1782 (12.768 min): VW025310.D\data.ms (



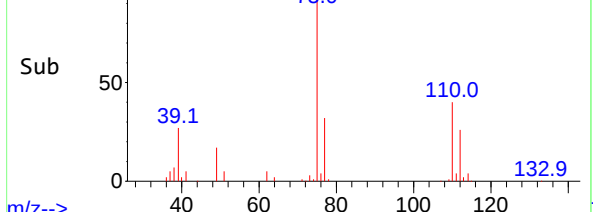
m/z-->

Abundance Scan 1782 (12.768 min): VW025310.D\data.ms



m/z-->

Abundance Scan 1782 (12.768 min): VW025310.D\data.ms (



m/z-->

#61

1,2,3-Trichloropropane

Concen: 24.704 ug/L

RT: 12.768 min Scan# 1782

Delta R.T. 0.000 min

Lab File: VW025310.D

Acq: 08 Feb 2023 09:20

Tgt Ion: 75 Resp: 58126

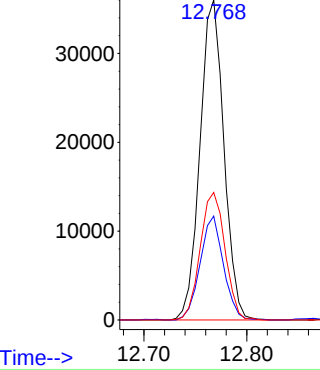
Ion Ratio Lower Upper

75 100

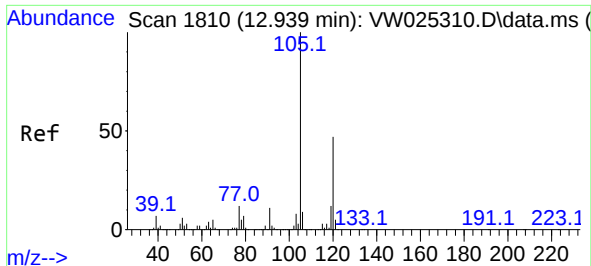
77 31.7 26.7 40.1

110 41.2 33.2 49.8

Abundance



Time-->



#62

1,3,5-Trimethylbenzene

Concen: 27.245 ug/L

RT: 12.939 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VW025310.D

Acq: 08 Feb 2023 09:20

Instrument :

MSVOA_W

ClientSampleId :

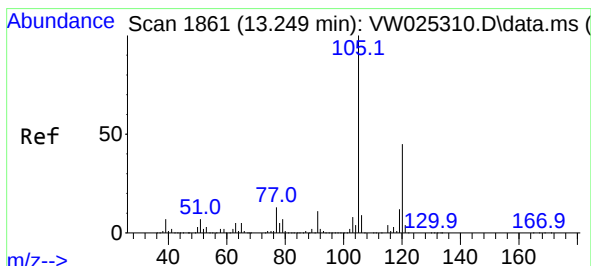
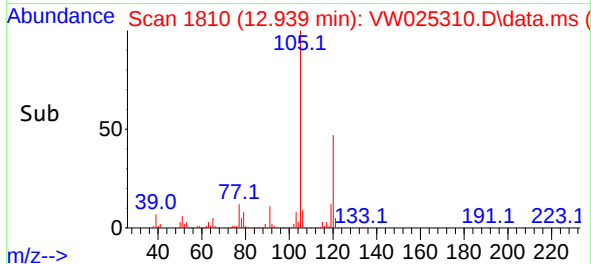
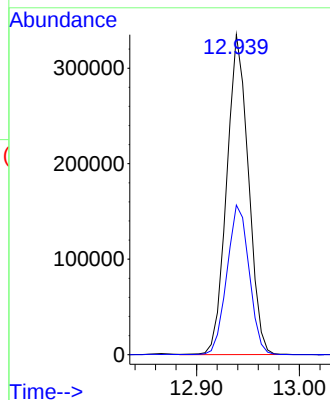
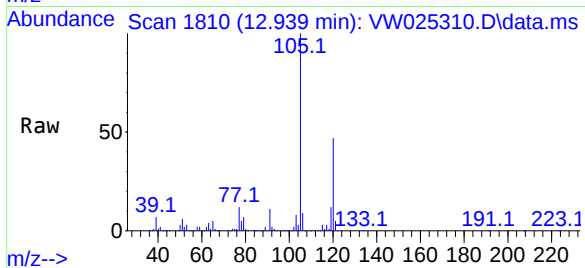
VSTD025532

Tgt Ion:105 Resp: 492248

Ion Ratio Lower Upper

105 100

120 47.9 37.0 55.4



#63

1,2,4-Trimethylbenzene

Concen: 25.889 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VW025310.D

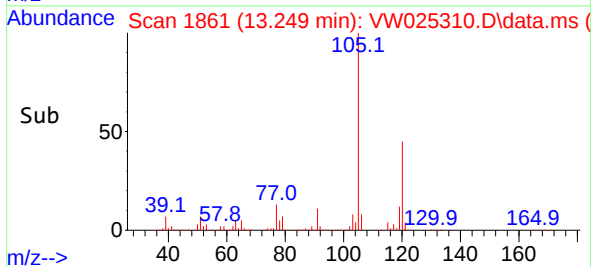
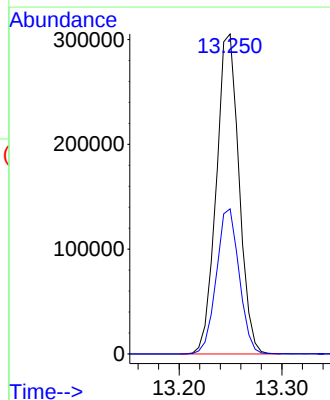
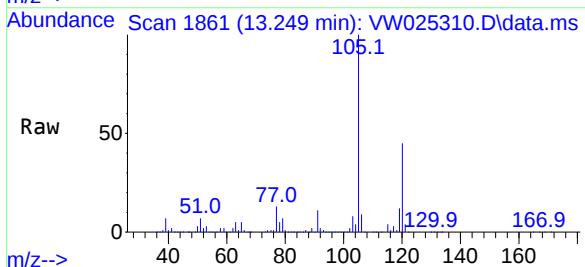
Acq: 08 Feb 2023 09:20

Tgt Ion:105 Resp: 468684

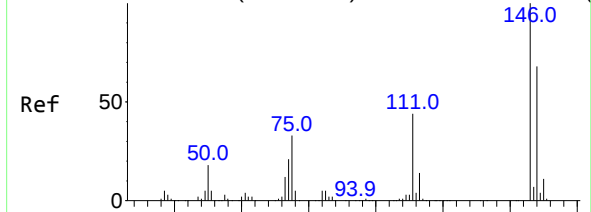
Ion Ratio Lower Upper

105 100

120 45.4 35.0 52.4

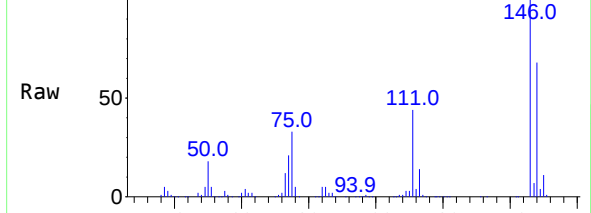


Abundance Scan 1902 (13.499 min): VW025310.D\data.ms (



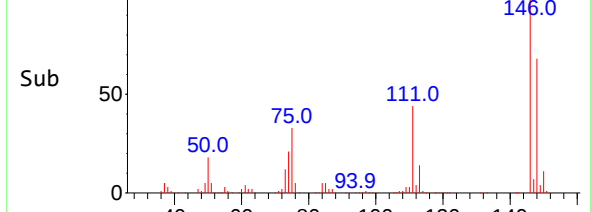
m/z-->

Abundance Scan 1902 (13.499 min): VW025310.D\data.ms



m/z-->

Abundance Scan 1902 (13.499 min): VW025310.D\data.ms (



m/z-->

#64

1,3-Dichlorobenzene

Concen: 24.676 ug/L

RT: 13.499 min Scan# 1902

Delta R.T. 0.000 min

Lab File: VW025310.D

Acq: 08 Feb 2023 09:20

Instrument :

MSVOA_W

ClientSampleId :

VSTD025532

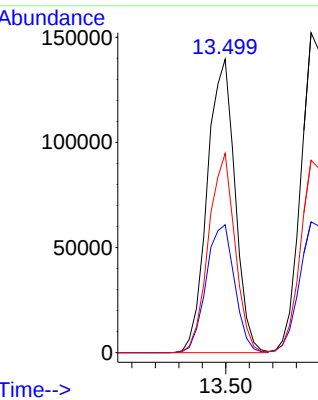
Tgt Ion:146 Resp: 229117

Ion Ratio Lower Upper

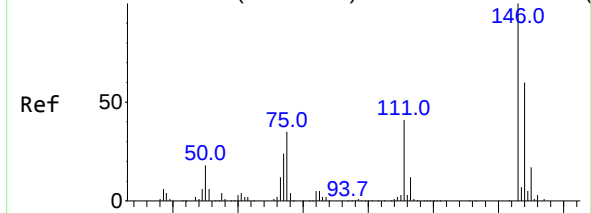
146 100

111 43.6 29.0 53.8

148 67.9 41.7 77.5

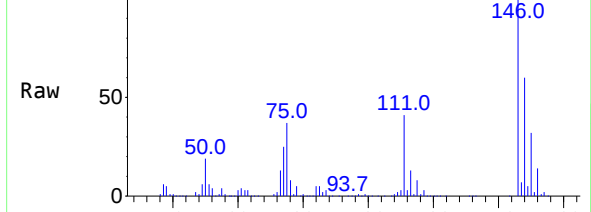


Abundance Scan 1914 (13.573 min): VW025310.D\data.ms (



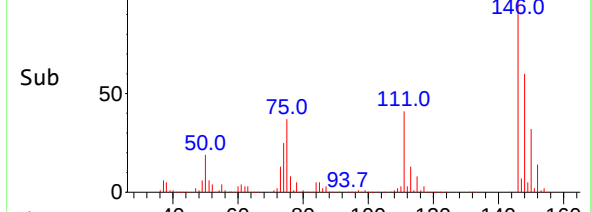
m/z-->

Abundance Scan 1914 (13.573 min): VW025310.D\data.ms



m/z-->

Abundance Scan 1914 (13.573 min): VW025310.D\data.ms (



m/z-->

#65

1,4-Dichlorobenzene

Concen: 25.984 ug/L

RT: 13.573 min Scan# 1914

Delta R.T. -0.006 min

Lab File: VW025310.D

Acq: 08 Feb 2023 09:20

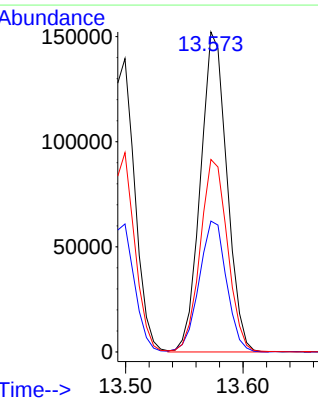
Tgt Ion:146 Resp: 238084

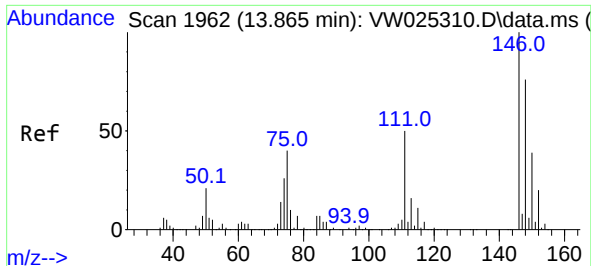
Ion Ratio Lower Upper

146 100

111 40.9 29.3 54.3

148 60.2 43.8 81.4

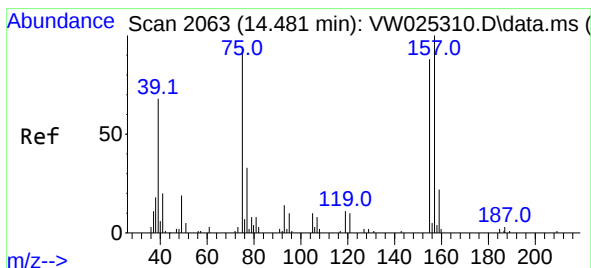
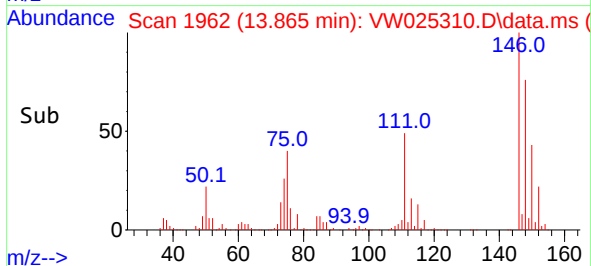
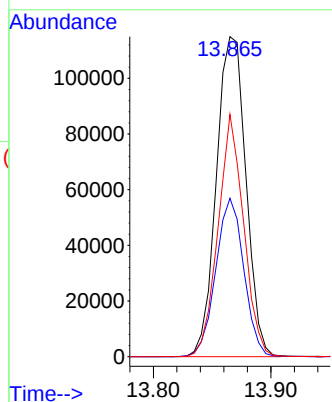
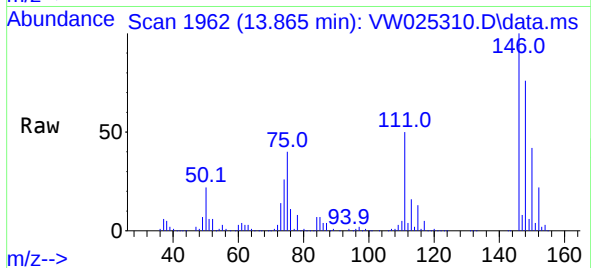




#67
1,2-Dichlorobenzene
Concen: 25.134 ug/L
RT: 13.865 min Scan# 1962
Delta R.T. 0.000 min
Lab File: VW025310.D
Acq: 08 Feb 2023 09:20

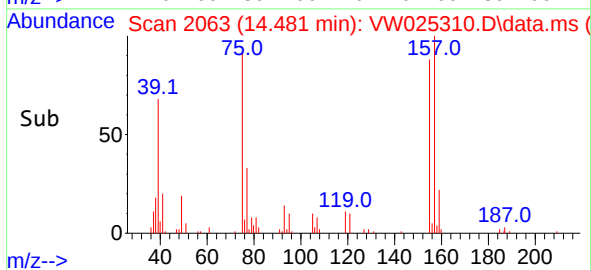
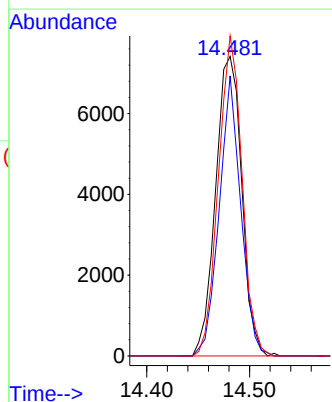
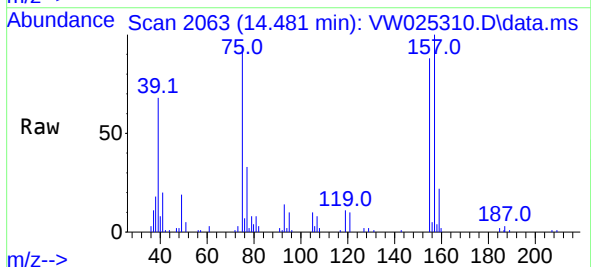
Instrument :
MSVOA_W
ClientSampleId :
VSTD025532

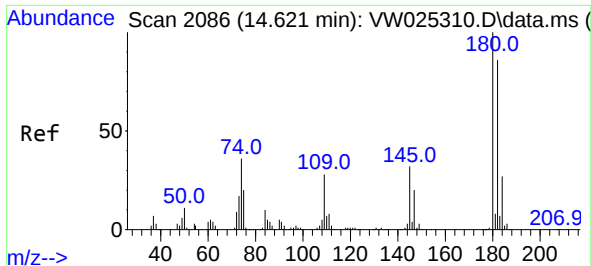
Tgt Ion:146 Resp: 201110
Ion Ratio Lower Upper
146 100
111 49.5 36.2 54.2
148 75.7 50.2 75.4#



#68
1,2-Dibromo-3-chloropropane
Concen: 23.806 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VW025310.D
Acq: 08 Feb 2023 09:20

Tgt Ion: 75 Resp: 13082
Ion Ratio Lower Upper
75 100
155 93.5 63.4 95.2
157 106.8 82.5 123.7



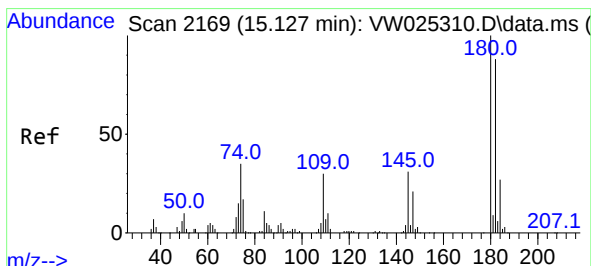
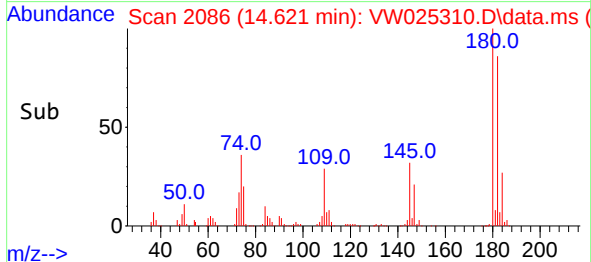
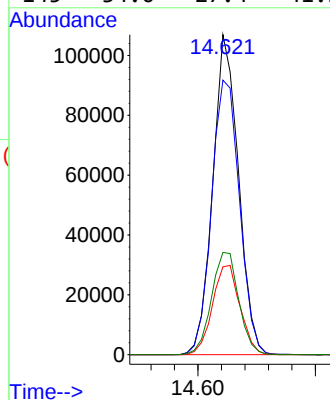
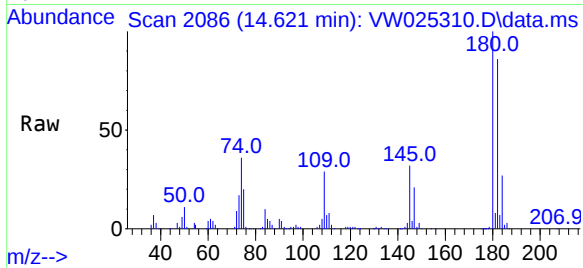


#69
 1,3,5-Trichlorobenzene
 Concen: 26.888 ug/L
 RT: 14.621 min Scan# 2086
 Delta R.T. 0.000 min
 Lab File: VW025310.D
 Acq: 08 Feb 2023 09:20

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025532

Tgt Ion:180 Resp: 162354

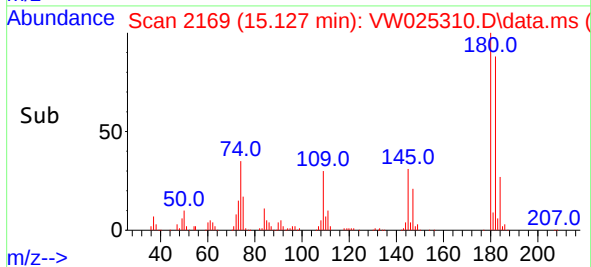
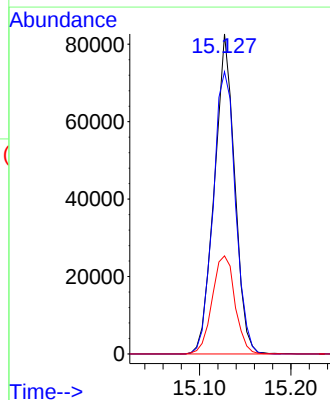
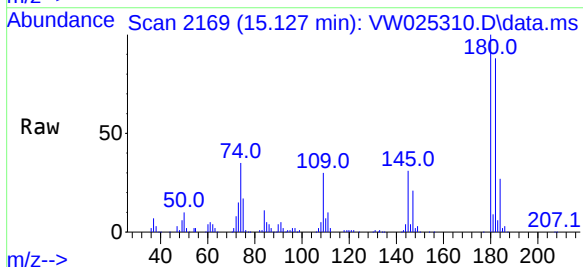
Ion	Ratio	Lower	Upper
180	100		
182	93.3	77.7	116.5
184	30.0	24.4	36.6
145	34.0	27.4	41.2

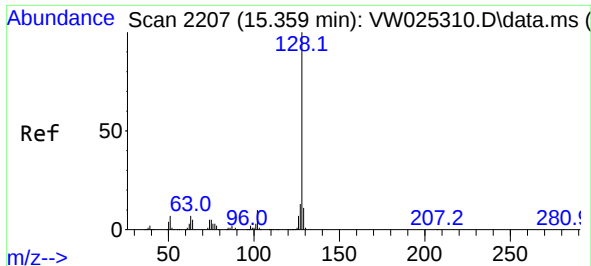


#70
 1,2,4-trichlorobenzene
 Concen: 25.941 ug/L
 RT: 15.127 min Scan# 2169
 Delta R.T. 0.000 min
 Lab File: VW025310.D
 Acq: 08 Feb 2023 09:20

Tgt Ion:180 Resp: 127545

Ion	Ratio	Lower	Upper
180	100		
182	97.1	76.4	114.6
145	34.5	27.4	41.2

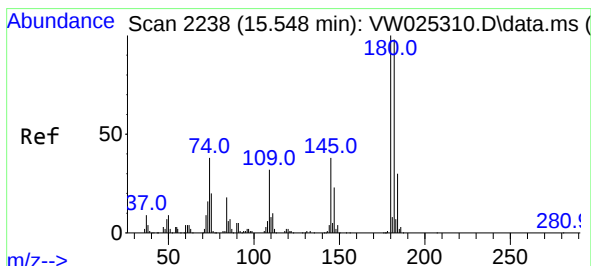
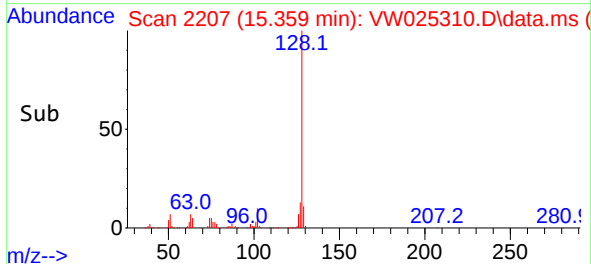
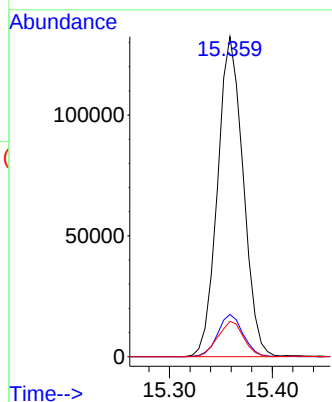
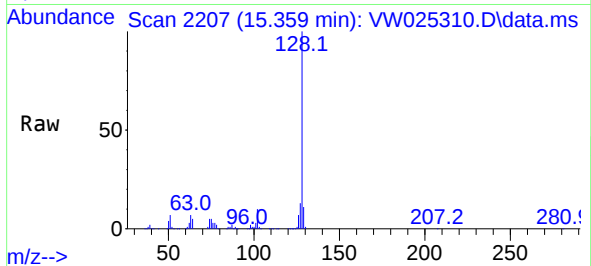




#71
Naphthalene
Concen: 25.488 ug/L
RT: 15.359 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW025310.D
Acq: 08 Feb 2023 09:20

Instrument :
MSVOA_W
ClientSampleId :
VSTD025532

Tgt Ion:128 Resp: 229088
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 11.1 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 25.518 ug/L
RT: 15.548 min Scan# 2238
Delta R.T. 0.000 min
Lab File: VW025310.D
Acq: 08 Feb 2023 09:20

Tgt Ion:180 Resp: 107728
Ion Ratio Lower Upper
180 100
182 94.0 75.1 112.7
145 36.2 28.8 43.2

