

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020823\
 Data File : VW025317.D
 Acq On : 08 Feb 2023 14:40
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025533

Quant Time: Feb 09 00:28:20 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	380335	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	337461	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	171581	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.367	65	83051	22.565	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.280%
7) Chloroethane-d5	2.898	69	67840	20.759	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.040%
11) 1,1-Dichloroethene-d2	4.031	63	219148	21.474	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	85.880%
21) 2-Butanone-d5	7.080	46	53849	56.361	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.720%
24) Chloroform-d	7.653	84	259190	26.000	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.000%
26) 1,2-Dichloroethane-d4	8.305	65	132606	27.309	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	109.240%
32) Benzene-d6	8.275	84	495554	24.229	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.920%
36) 1,2-Dichloropropane-d6	9.274	67	144590	24.161	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.640%
41) Toluene-d8	10.323	98	451326	24.686	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.760%
43) trans-1,3-Dichloroprop...	10.573	79	60977	27.269	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	109.080%
47) 2-Hexanone-d5	10.921	63	46786	69.729	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	139.460%#
56) 1,1,2,2-Tetrachloroeth...	12.688	84	95336	23.426	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.720%
66) 1,2-Dichlorobenzene-d4	13.847	152	155515	26.124	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.480%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.020	85	90498	17.584	ug/L	93
3) Chloromethane	2.227	50	99808	20.204	ug/L	99
5) Vinyl chloride	2.379	62	110573	21.978	ug/L	100
6) Bromomethane	2.788	94	63367	18.395	ug/L	100
8) Chloroethane	2.934	64	61271	19.508	ug/L	99
9) Trichlorofluoromethane	3.269	101	119907	16.569	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	116345	22.171	ug/L	94
12) 1,1-Dichloroethene	4.050	96	111709	21.445	ug/L	99
13) Acetone	4.117	43	39852	37.829	ug/L	99
14) Carbon disulfide	4.397	76	351403	20.643	ug/L	100
15) Methyl Acetate	4.672	43	45395	25.182	ug/L	100
16) Methylene chloride	4.915	84	124396	19.213	ug/L	95
17) trans-1,2-Dichloroethene	5.428	96	124178	22.198	ug/L	98
18) Methyl tert-butyl Ether	5.428	73	185895	23.116	ug/L	99
19) 1,1-Dichloroethane	6.220	63	229239	23.013	ug/L	96
20) cis-1,2-Dichloroethene	7.171	96	134116	22.833	ug/L	96
22) 2-Butanone	7.171	43	57780	45.102	ug/L	98
23) Bromochloromethane	7.513	128	58757	24.285	ug/L	96
25) Chloroform	7.677	83	240617	23.483	ug/L	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020823\
 Data File : VW025317.D
 Acq On : 08 Feb 2023 14:40
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025533

Quant Time: Feb 09 00:28:20 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

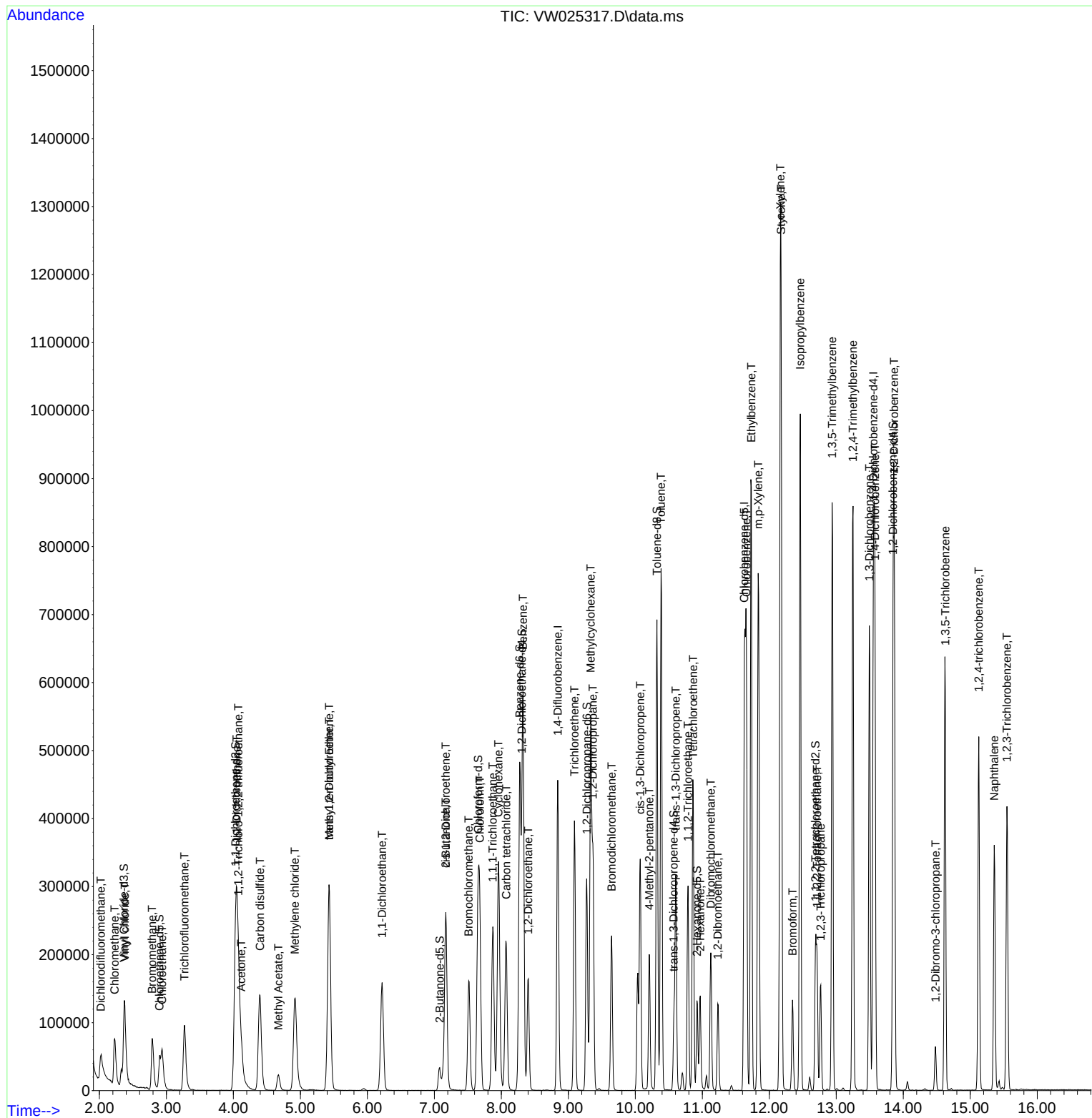
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	154896	24.821	ug/L	98
29) Cyclohexane	7.958	56	195631	20.130	ug/L	100
30) 1,1,1-Trichloroethane	7.872	97	201860	21.088	ug/L	99
31) Carbon tetrachloride	8.073	117	174843	19.749	ug/L	98
33) Benzene	8.323	78	516070	22.099	ug/L	100
34) Trichloroethene	9.092	95	139030	21.254	ug/L	99
35) Methylcyclohexane	9.335	83	229631	19.667	ug/L	99
37) 1,2-Dichloropropane	9.366	63	126448	21.954	ug/L	100
38) Bromodichloromethane	9.646	83	154033	20.113	ug/L	100
39) cis-1,3-Dichloropropene	10.073	75	208531	22.112	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	124783	49.067	ug/L	98
42) Toluene	10.384	91	560259	24.125	ug/L	98
44) trans-1,3-Dichloropropene	10.603	75	174056	25.893	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	94399	26.005	ug/L	95
46) Tetrachloroethene	10.866	164	96204	23.013	ug/L	94
48) 2-Hexanone	10.969	43	86620	53.953	ug/L	99
49) Dibromochloromethane	11.128	129	108754	26.526	ug/L	96
50) 1,2-Dibromoethane	11.231	107	86966	26.153	ug/L	99
51) Chlorobenzene	11.658	112	352434	23.060	ug/L	98
52) Ethylbenzene	11.731	91	640373	23.015	ug/L	98
53) m,p-Xylene	11.835	106	245106	23.243	ug/L	99
54) o-Xylene	12.164	106	233480	21.994	ug/L	96
55) Styrene	12.176	104	404141	22.484	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	87196	20.160	ug/L	99
59) Bromoform	12.347	173	56948	23.394	ug/L	98
60) Isopropylbenzene	12.463	105	638753	21.982	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	64827	21.250	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	464206	19.816	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	468781	19.971	ug/L	100
64) 1,3-Dichlorobenzene	13.493	146	276479	22.965	ug/L	93
65) 1,4-Dichlorobenzene	13.579	146	278185	23.416	ug/L	94
67) 1,2-Dichlorobenzene	13.865	146	244009	23.519	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.481	75	17925	25.157	ug/L	92
69) 1,3,5-Trichlorobenzene	14.627	180	183978	23.499	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	149346	23.427	ug/L	98
71) Naphthalene	15.359	128	301433	25.866	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	132623	24.229	ug/L	97

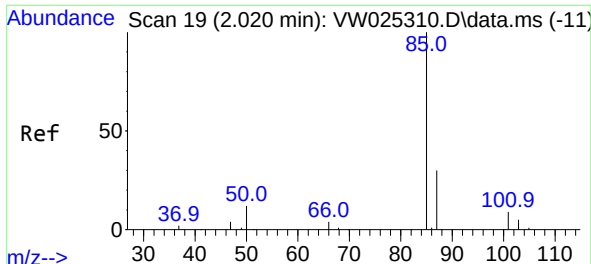
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020823\
 Data File : VW025317.D
 Acq On : 08 Feb 2023 14:40
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025533

Quant Time: Feb 09 00:28:20 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

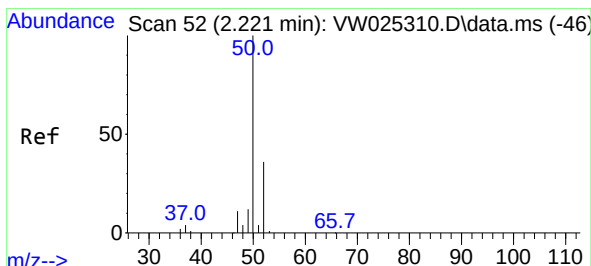
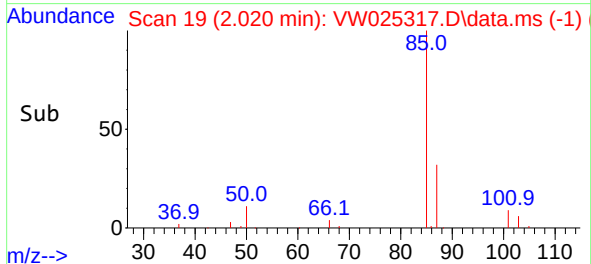
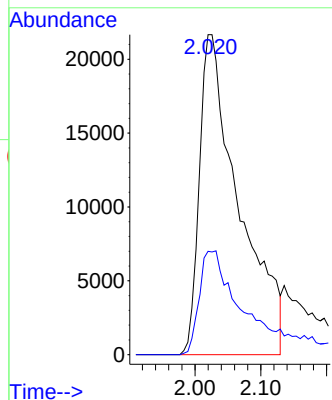
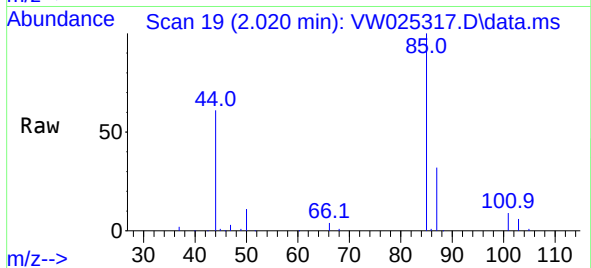




#2
Dichlorodifluoromethane
Concen: 17.584 ug/L
RT: 2.020 min Scan# 19
Delta R.T. 0.000 min
Lab File: VW025317.D
Acq: 08 Feb 2023 14:40

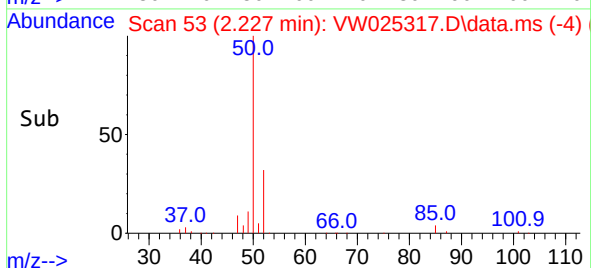
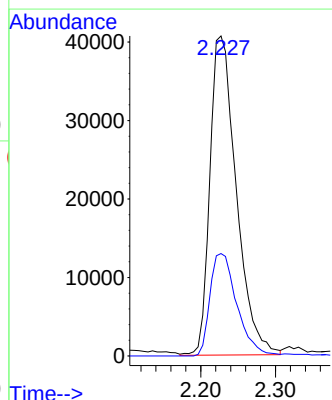
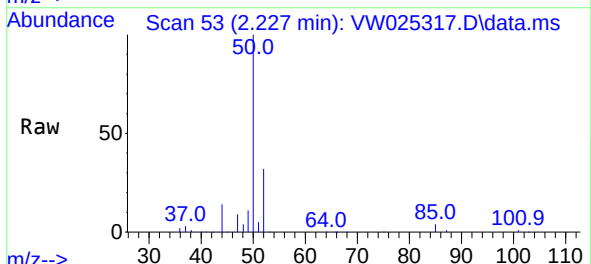
Instrument :
MSVOA_W
ClientSampleId :
VSTD025533

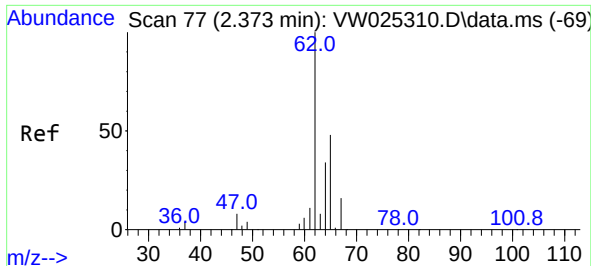
Tgt Ion: 85 Resp: 90498
Ion Ratio Lower Upper
85 100
87 32.9 23.3 34.9



#3
Chloromethane
Concen: 20.204 ug/L
RT: 2.227 min Scan# 53
Delta R.T. 0.000 min
Lab File: VW025317.D
Acq: 08 Feb 2023 14:40

Tgt Ion: 50 Resp: 99808
Ion Ratio Lower Upper
50 100
52 32.0 22.0 40.8

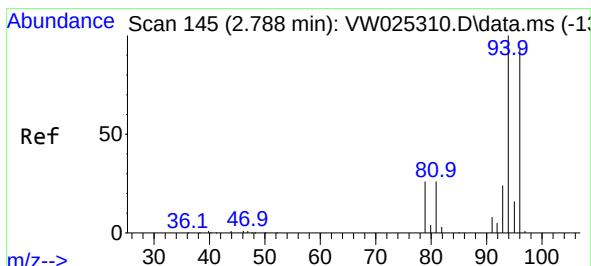
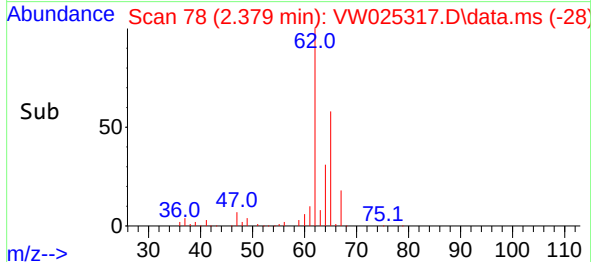
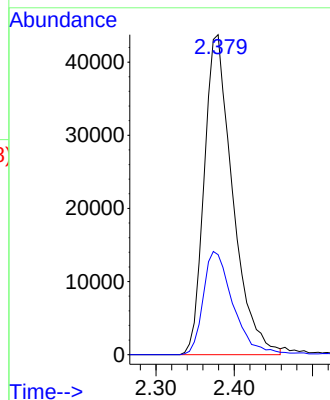
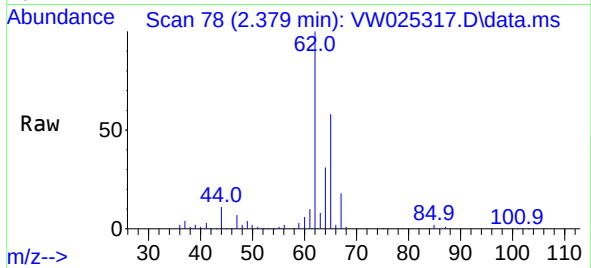




#5
 Vinyl chloride
 Concen: 21.978 ug/L
 RT: 2.379 min Scan# 77
 Delta R.T. 0.006 min
 Lab File: VW025317.D
 Acq: 08 Feb 2023 14:40

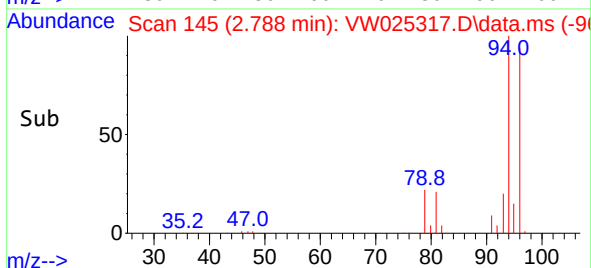
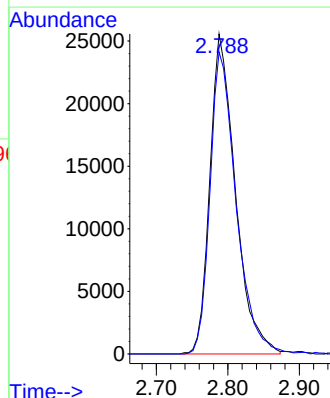
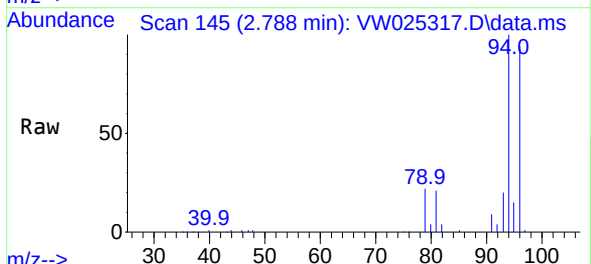
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025533

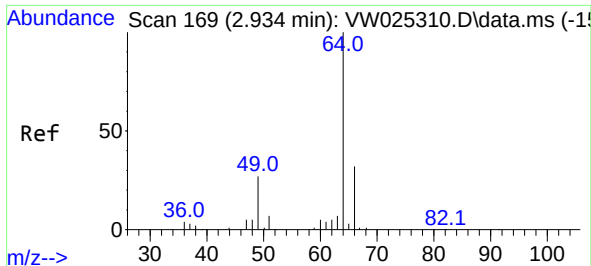
Tgt Ion: 62 Resp: 110573
 Ion Ratio Lower Upper
 62 100
 64 31.3 21.8 40.6



#6
 Bromomethane
 Concen: 18.395 ug/L
 RT: 2.788 min Scan# 145
 Delta R.T. 0.000 min
 Lab File: VW025317.D
 Acq: 08 Feb 2023 14:40

Tgt Ion: 94 Resp: 63367
 Ion Ratio Lower Upper
 94 100
 96 94.4 66.3 123.1

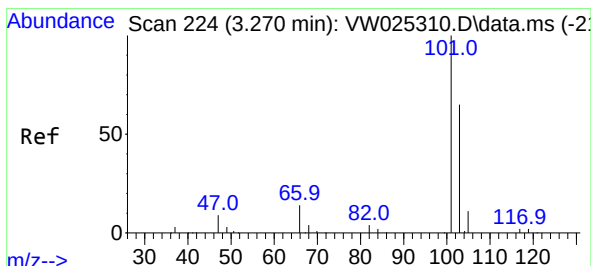
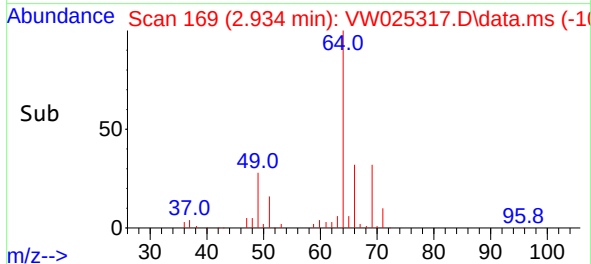
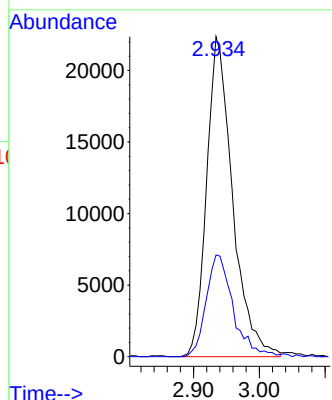
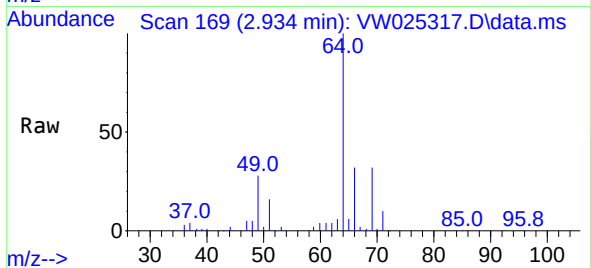




#8
Chloroethane
Concen: 19.508 ug/L
RT: 2.934 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW025317.D
Acq: 08 Feb 2023 14:40

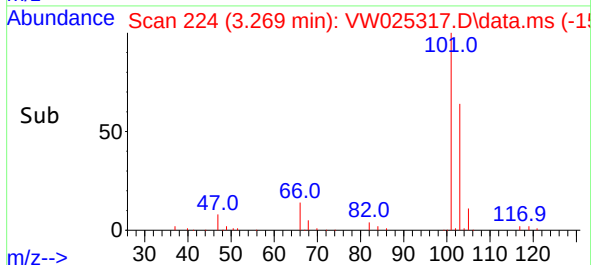
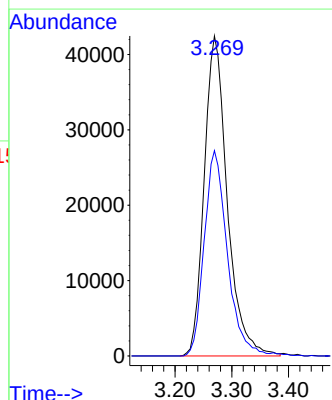
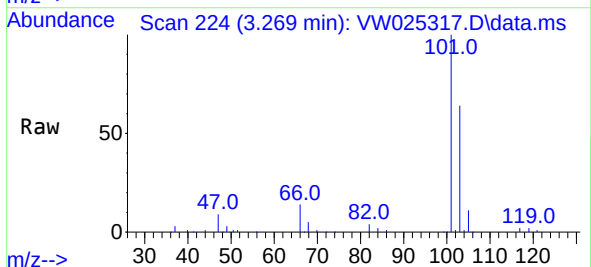
Instrument :
MSVOA_W
ClientSampleId :
VSTD025533

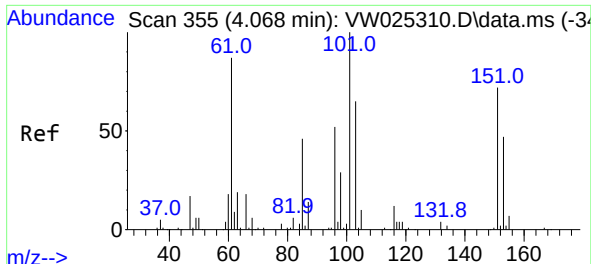
Tgt Ion: 64 Resp: 61271
Ion Ratio Lower Upper
64 100
66 31.8 21.9 40.7



#9
Trichlorofluoromethane
Concen: 16.569 ug/L
RT: 3.269 min Scan# 224
Delta R.T. 0.000 min
Lab File: VW025317.D
Acq: 08 Feb 2023 14:40

Tgt Ion:101 Resp: 119907
Ion Ratio Lower Upper
101 100
103 64.3 52.4 78.6

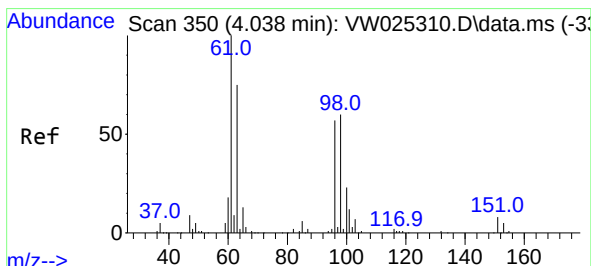
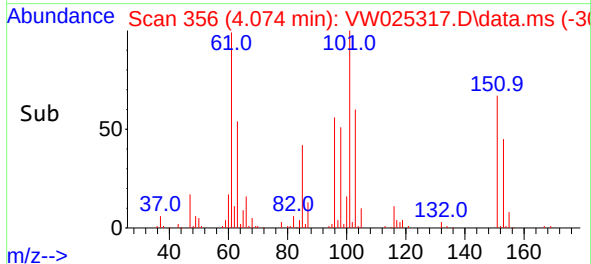
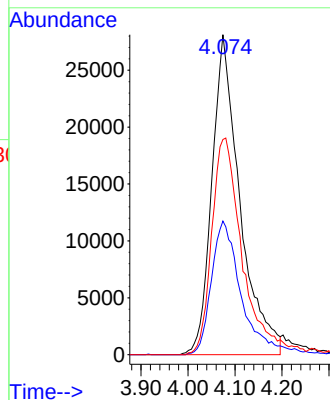
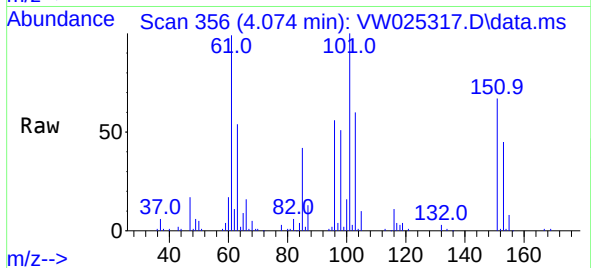




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 22.171 ug/L
 RT: 4.074 min Scan# 310
 Delta R.T. -0.006 min
 Lab File: VW025317.D
 Acq: 08 Feb 2023 14:40

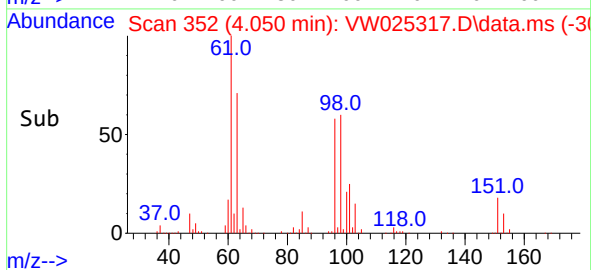
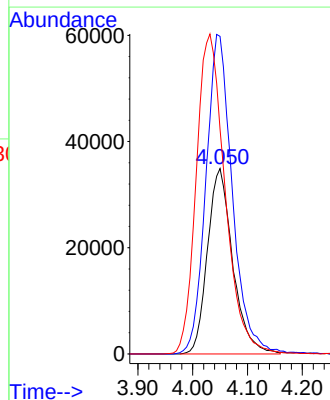
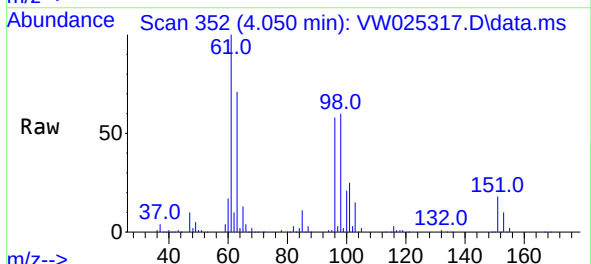
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025533

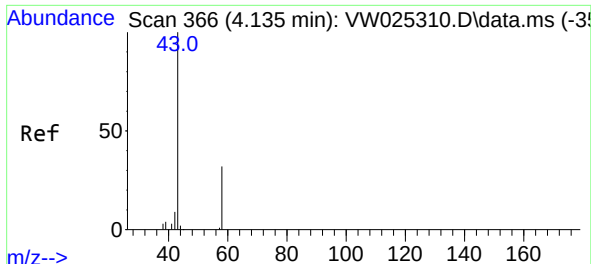
Tgt Ion:101 Resp: 116345
 Ion Ratio Lower Upper
 101 100
 85 44.3 32.8 49.2
 151 73.0 54.7 82.1



#12
 1,1-Dichloroethene
 Concen: 21.445 ug/L
 RT: 4.050 min Scan# 352
 Delta R.T. 0.006 min
 Lab File: VW025317.D
 Acq: 08 Feb 2023 14:40

Tgt Ion: 96 Resp: 111709
 Ion Ratio Lower Upper
 96 100
 61 171.3 120.8 224.4
 63 121.3 85.7 159.1

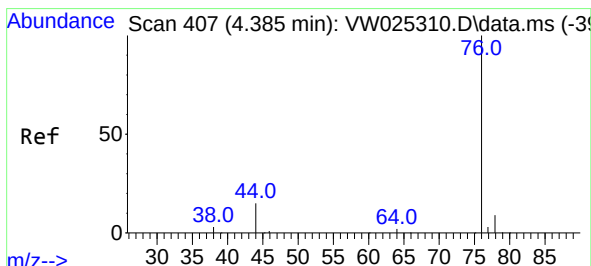
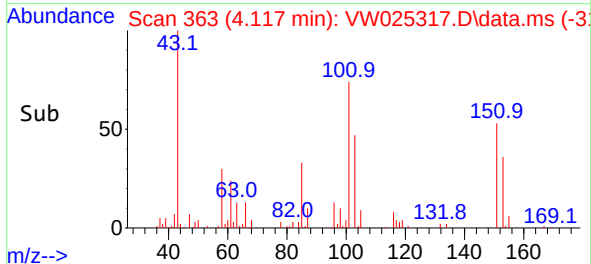
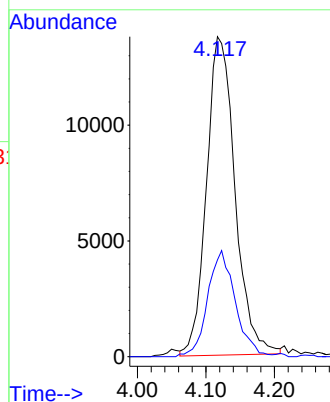
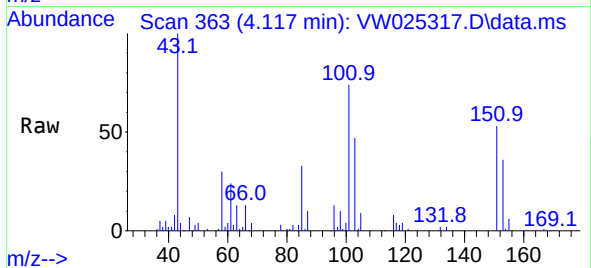




#13
Acetone
Concen: 37.829 ug/L
RT: 4.117 min Scan# 30
Delta R.T. -0.012 min
Lab File: VW025317.D
Acq: 08 Feb 2023 14:40

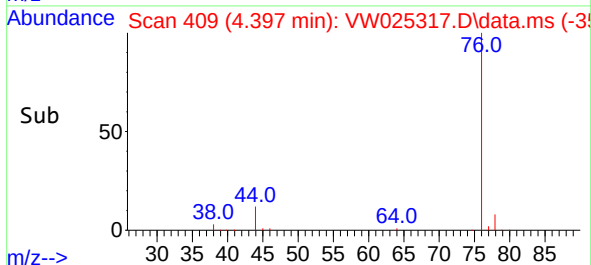
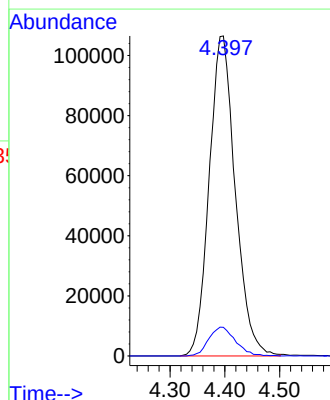
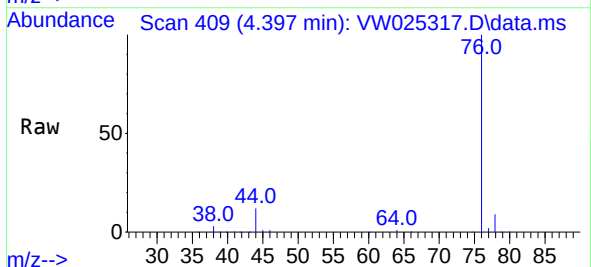
Instrument :
MSVOA_W
ClientSampleId :
VSTD025533

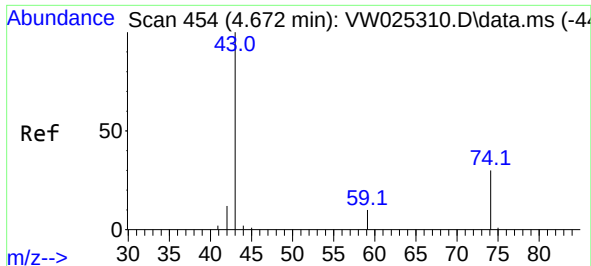
Tgt Ion: 43 Resp: 39852
Ion Ratio Lower Upper
43 100
58 32.2 0.0 63.0



#14
Carbon disulfide
Concen: 20.643 ug/L
RT: 4.397 min Scan# 409
Delta R.T. 0.012 min
Lab File: VW025317.D
Acq: 08 Feb 2023 14:40

Tgt Ion: 76 Resp: 351403
Ion Ratio Lower Upper
76 100
78 9.0 7.3 10.9

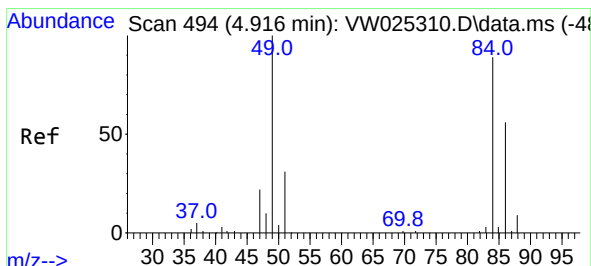
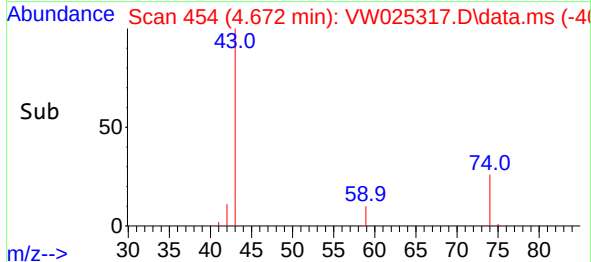
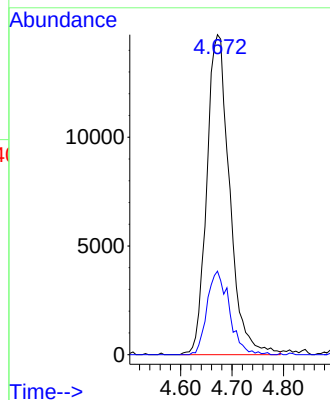
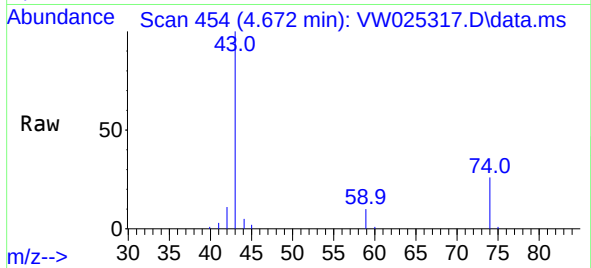




#15
Methyl Acetate
Concen: 25.182 ug/L
RT: 4.672 min Scan# 454
Delta R.T. 0.000 min
Lab File: VW025317.D
Acq: 08 Feb 2023 14:40

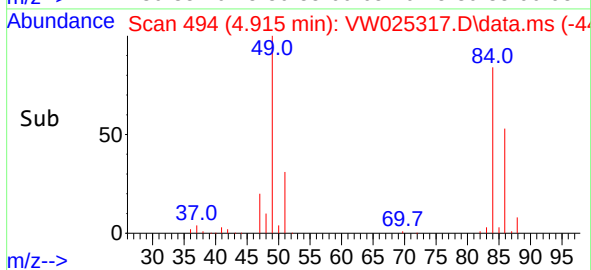
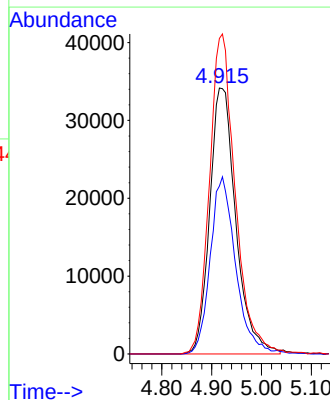
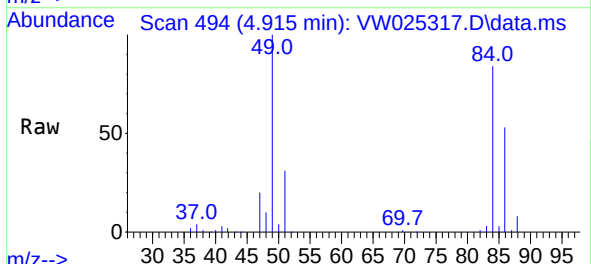
Instrument :
MSVOA_W
ClientSampleId :
VSTD025533

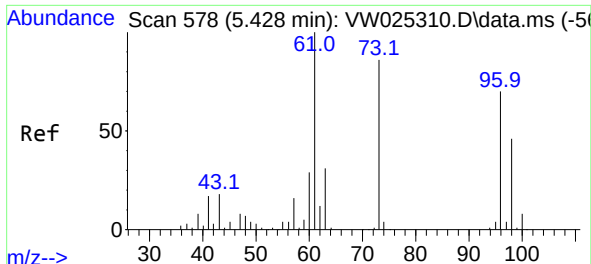
Tgt Ion: 43 Resp: 45395
Ion Ratio Lower Upper
43 100
74 25.4 20.2 30.2



#16
Methylene chloride
Concen: 19.213 ug/L
RT: 4.915 min Scan# 494
Delta R.T. 0.000 min
Lab File: VW025317.D
Acq: 08 Feb 2023 14:40

Tgt Ion: 84 Resp: 124396
Ion Ratio Lower Upper
84 100
86 63.1 47.2 87.6
49 118.6 86.5 160.7

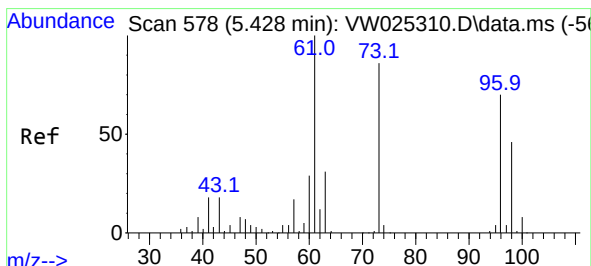
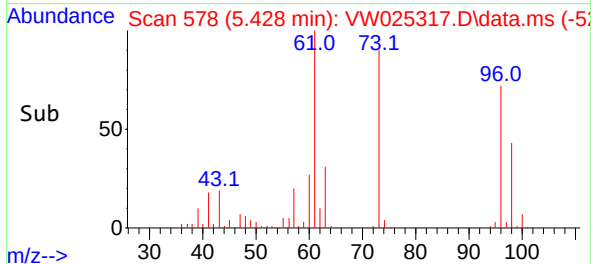
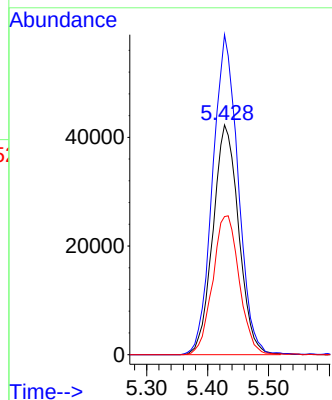
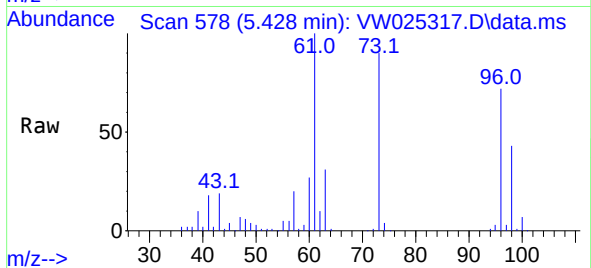




#17
trans-1,2-Dichloroethene
Concen: 22.198 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.000 min
Lab File: VW025317.D
Acq: 08 Feb 2023 14:40

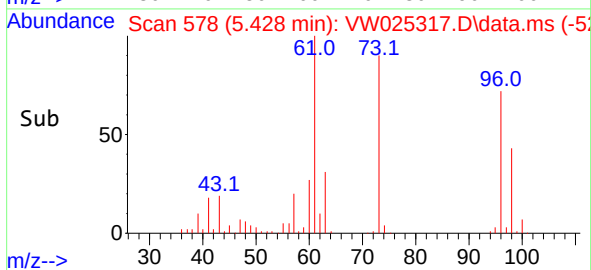
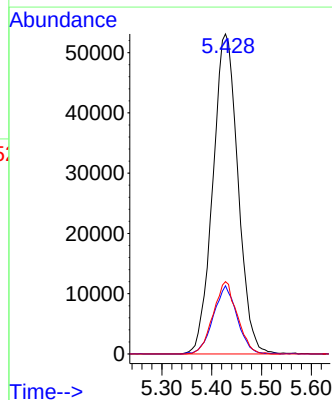
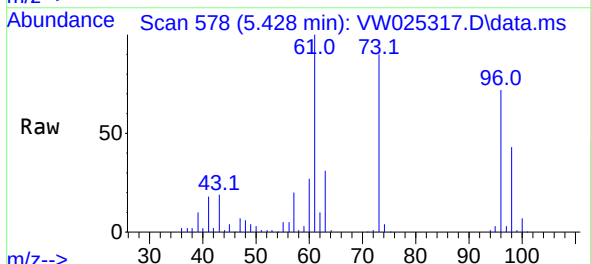
Instrument :
MSVOA_W
ClientSampleId :
VSTD025533

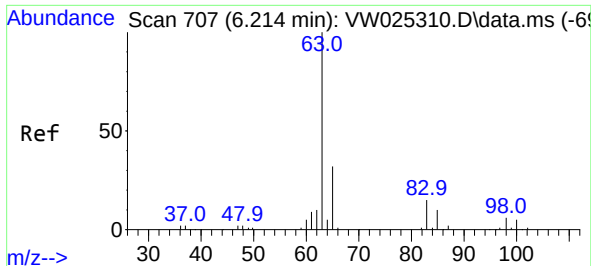
Tgt Ion: 96 Resp: 124178
Ion Ratio Lower Upper
96 100
61 139.2 98.4 182.8
98 60.1 43.5 80.9



#18
Methyl tert-butyl Ether
Concen: 23.116 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.000 min
Lab File: VW025317.D
Acq: 08 Feb 2023 14:40

Tgt Ion: 73 Resp: 185895
Ion Ratio Lower Upper
73 100
43 20.1 15.8 23.6
57 21.5 17.0 25.4

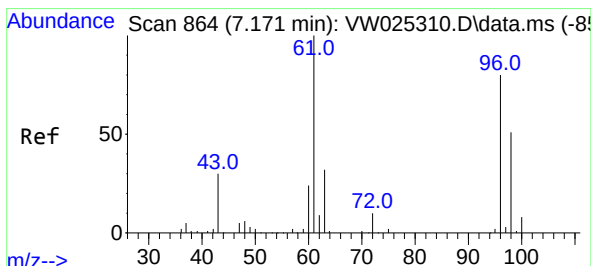
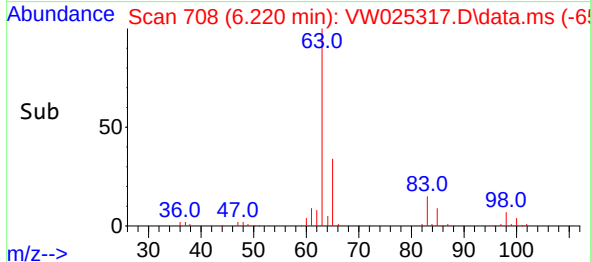
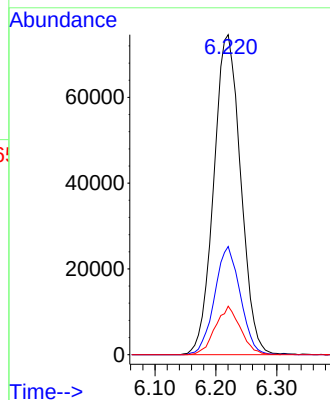
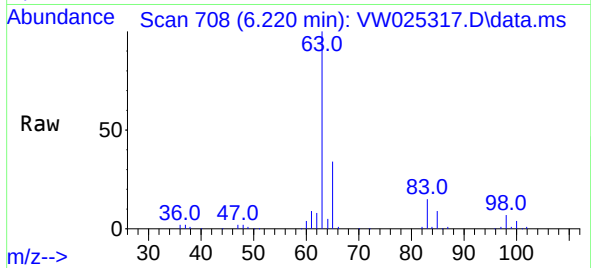




#19
1,1-Dichloroethane
Concen: 23.013 ug/L
RT: 6.220 min Scan# 707
Delta R.T. 0.000 min
Lab File: VW025317.D
Acq: 08 Feb 2023 14:40

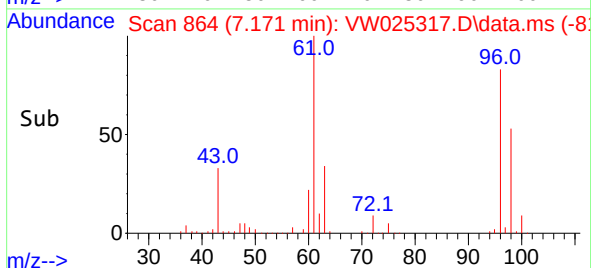
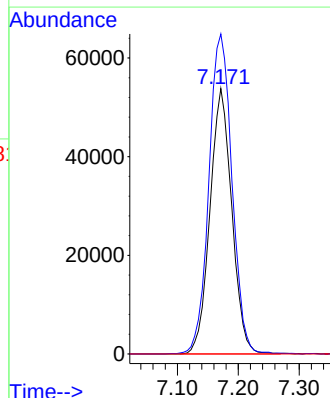
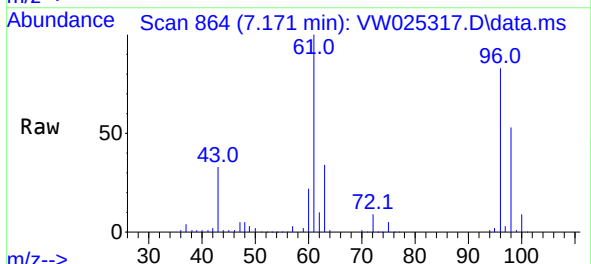
Instrument :
MSVOA_W
ClientSampleId :
VSTD025533

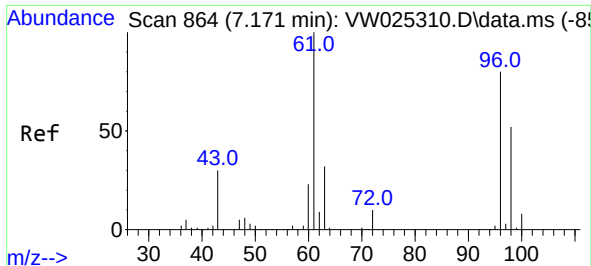
Tgt Ion: 63 Resp: 229239
Ion Ratio Lower Upper
63 100
65 33.8 22.0 41.0
83 15.1 9.5 17.7



#20
cis-1,2-Dichloroethene
Concen: 22.833 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW025317.D
Acq: 08 Feb 2023 14:40

Tgt Ion: 96 Resp: 134116
Ion Ratio Lower Upper
96 100
61 120.6 87.2 162.0
68 0.0 0.0 0.0

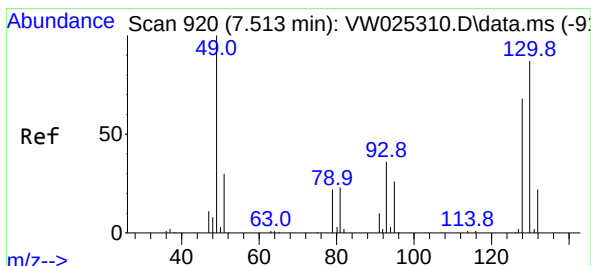
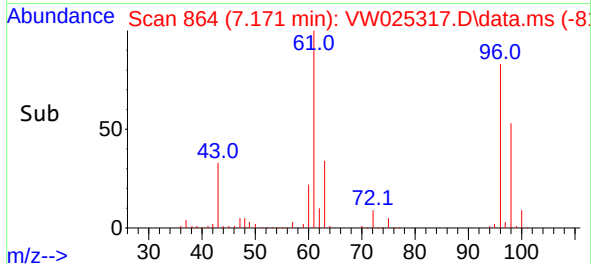
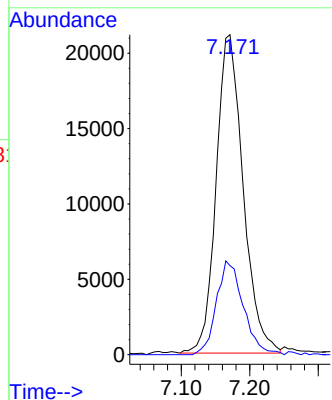
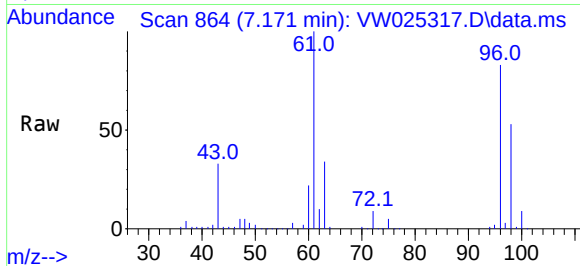




#22
2-Butanone
Concen: 45.102 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW025317.D
Acq: 08 Feb 2023 14:40

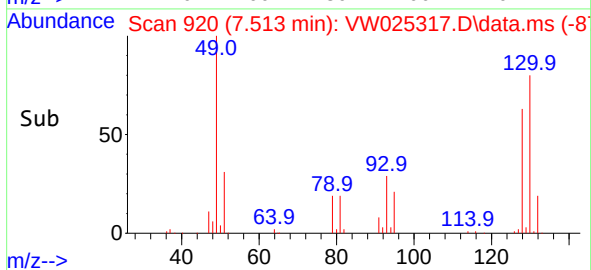
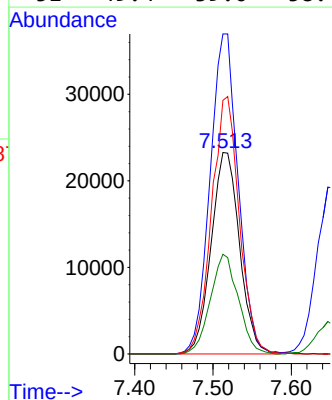
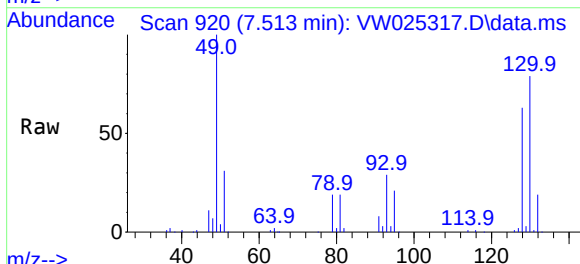
Instrument :
MSVOA_W
ClientSampleId :
VSTD025533

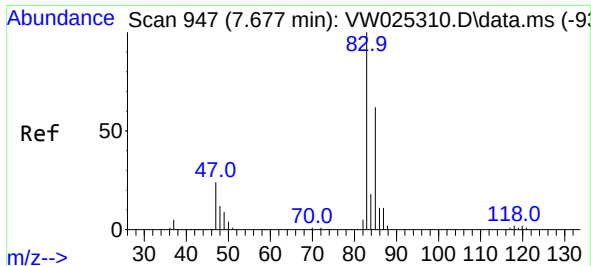
Tgt Ion: 43 Resp: 57780
Ion Ratio Lower Upper
43 100
72 29.2 15.2 45.6



#23
Bromochloromethane
Concen: 24.285 ug/L
RT: 7.513 min Scan# 920
Delta R.T. 0.000 min
Lab File: VW025317.D
Acq: 08 Feb 2023 14:40

Tgt Ion: 128 Resp: 58757
Ion Ratio Lower Upper
128 100
49 158.8 109.0 202.4
130 125.9 93.3 173.3
51 49.4 39.0 58.4

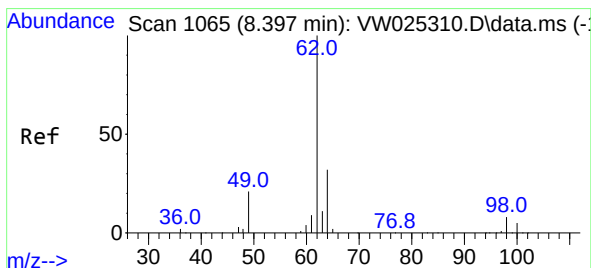
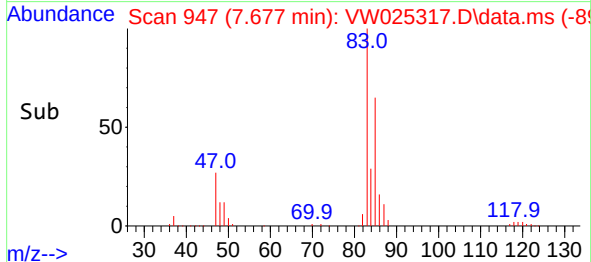
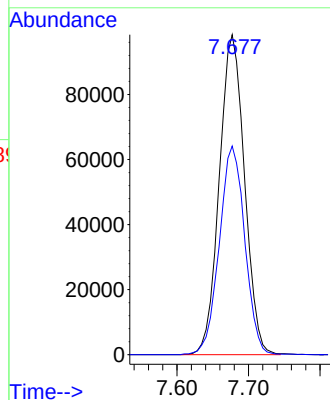
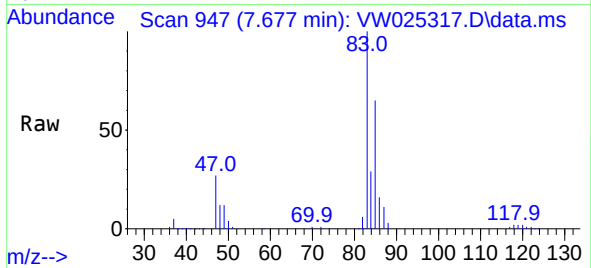




#25
Chloroform
Concen: 23.483 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW025317.D
Acq: 08 Feb 2023 14:40

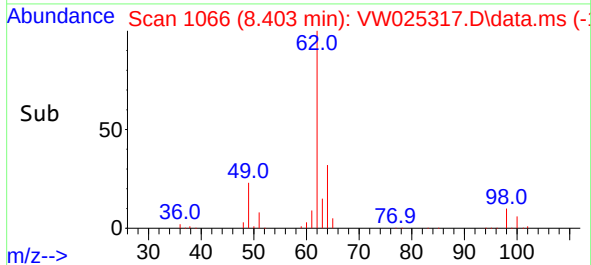
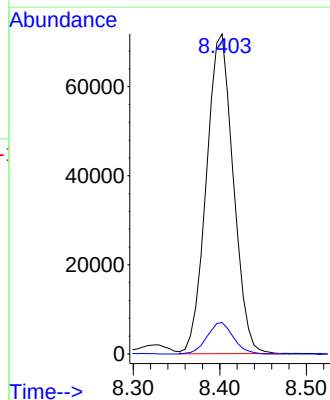
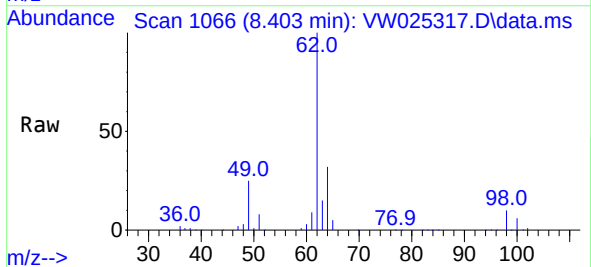
Instrument :
MSVOA_W
ClientSampleId :
VSTD025533

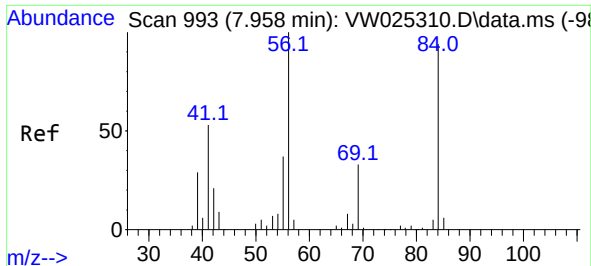
Tgt Ion: 83 Resp: 240617
Ion Ratio Lower Upper
83 100
85 65.2 45.8 85.0



#27
1,2-Dichloroethane
Concen: 24.821 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VW025317.D
Acq: 08 Feb 2023 14:40

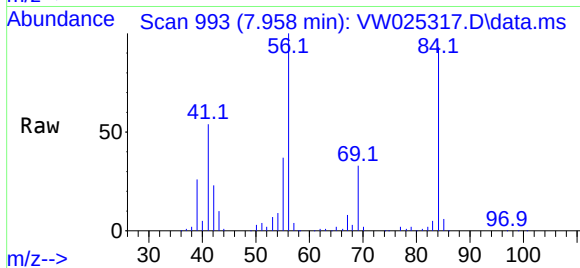
Tgt Ion: 62 Resp: 154896
Ion Ratio Lower Upper
62 100
98 9.8 7.4 11.0





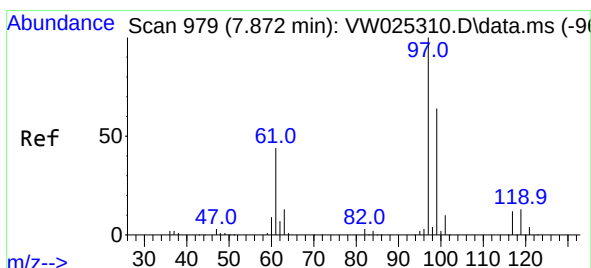
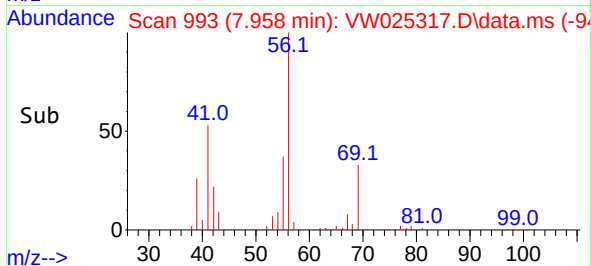
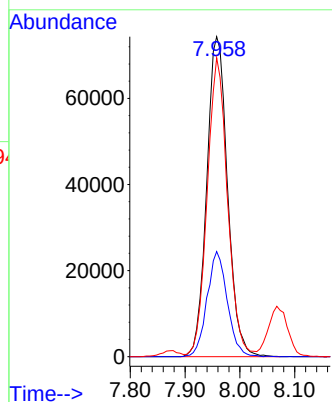
#29
Cyclohexane
Concen: 20.130 ug/L
RT: 7.958 min Scan# 993
Delta R.T. 0.000 min
Lab File: VW025317.D
Acq: 08 Feb 2023 14:40

Instrument :
MSVOA_W
ClientSampleId :
VSTD025533



Tgt Ion: 56 Resp: 195631

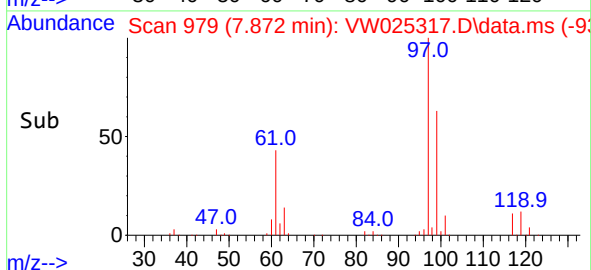
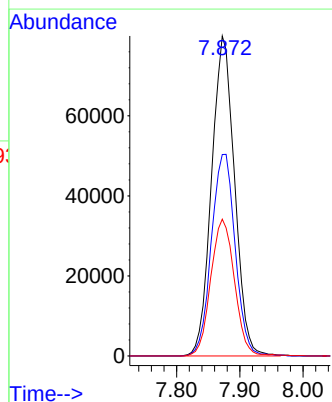
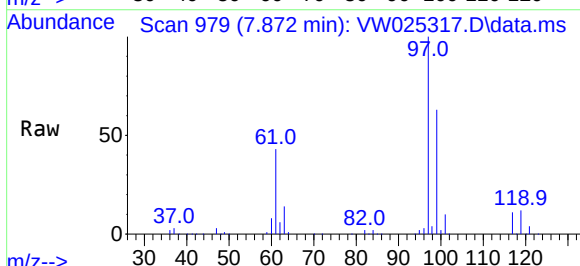
Ion	Ratio	Lower	Upper
56	100		
69	32.0	25.1	37.7
84	91.5	73.2	109.8

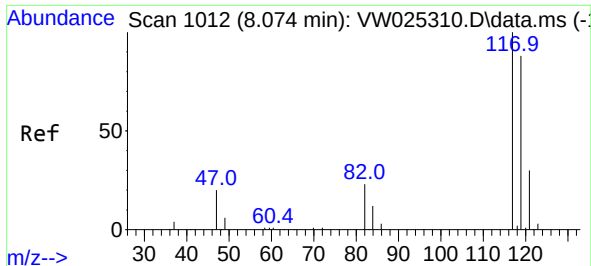


#30
1,1,1-Trichloroethane
Concen: 21.088 ug/L
RT: 7.872 min Scan# 979
Delta R.T. 0.000 min
Lab File: VW025317.D
Acq: 08 Feb 2023 14:40

Tgt Ion: 97 Resp: 201860

Ion	Ratio	Lower	Upper
97	100		
99	65.3	51.2	76.8
61	44.1	35.0	52.6

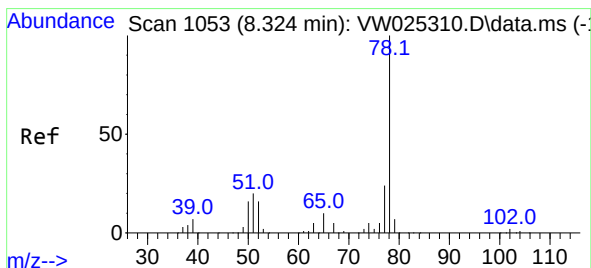
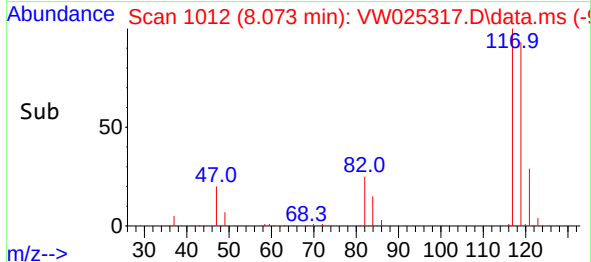
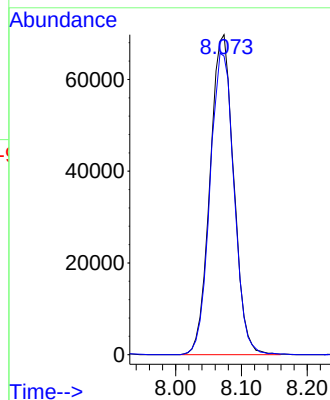
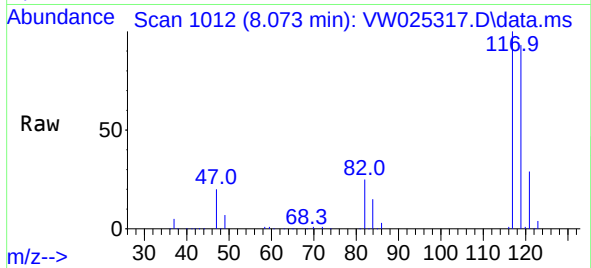




#31
Carbon tetrachloride
Concen: 19.749 ug/L
RT: 8.073 min Scan# 1012
Delta R.T. 0.006 min
Lab File: VW025317.D
Acq: 08 Feb 2023 14:40

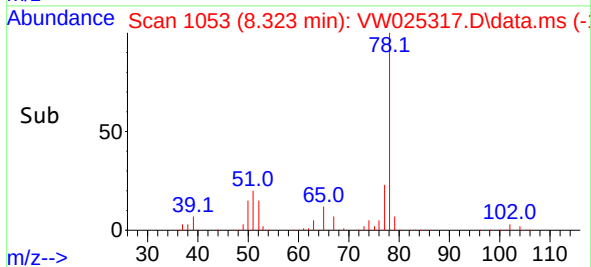
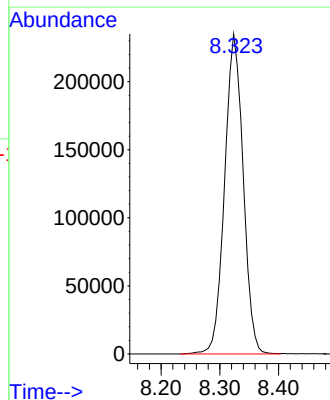
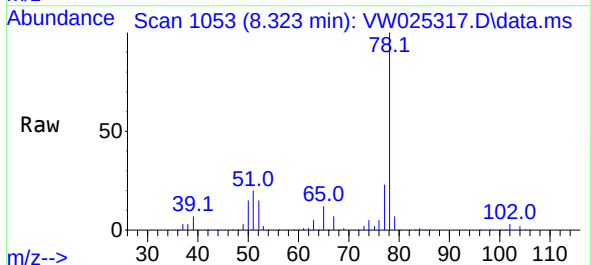
Instrument :
MSVOA_W
ClientSampleId :
VSTD025533

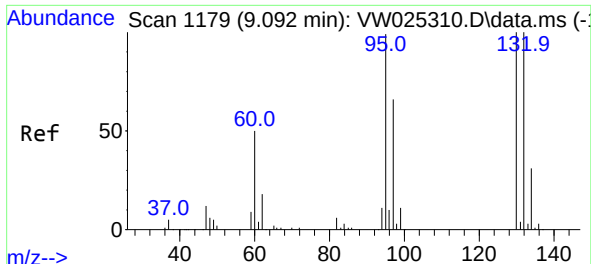
Tgt Ion:117 Resp: 174843
Ion Ratio Lower Upper
117 100
119 95.5 77.6 116.4



#33
Benzene
Concen: 22.099 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW025317.D
Acq: 08 Feb 2023 14:40

Tgt Ion: 78 Resp: 516070

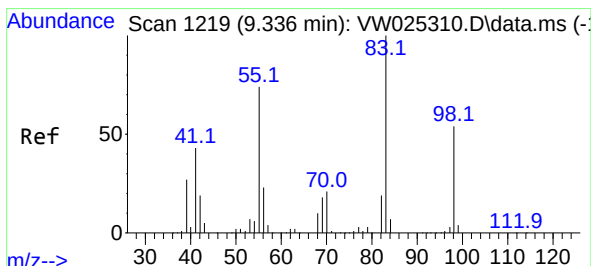
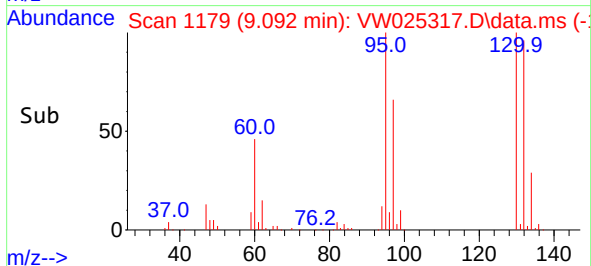
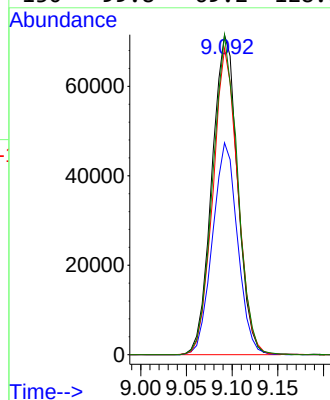
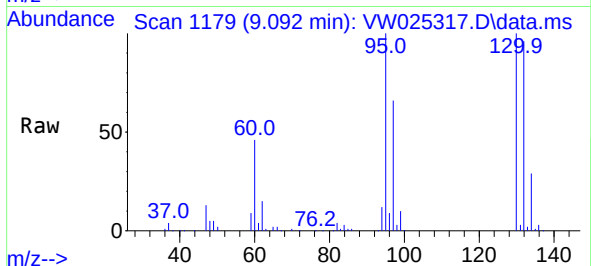




#34
Trichloroethene
Concen: 21.254 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW025317.D
Acq: 08 Feb 2023 14:40

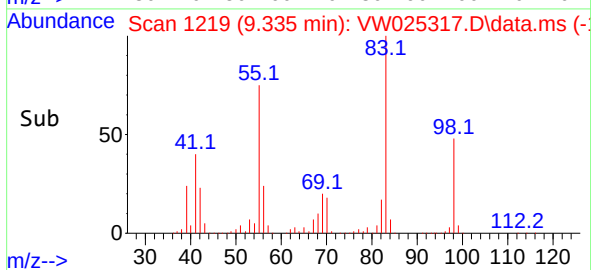
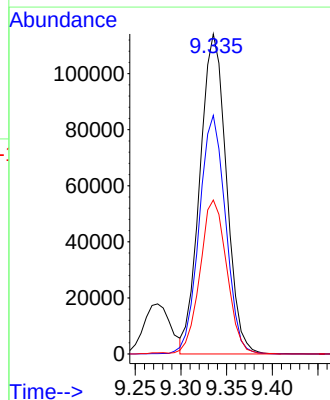
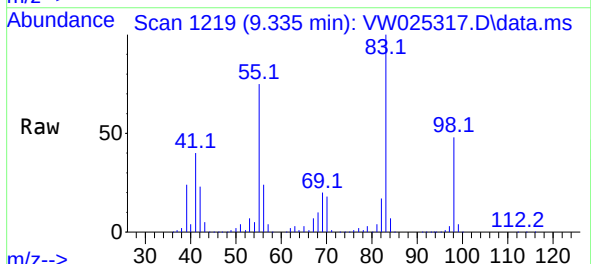
Instrument :
MSVOA_W
ClientSampleId :
VSTD025533

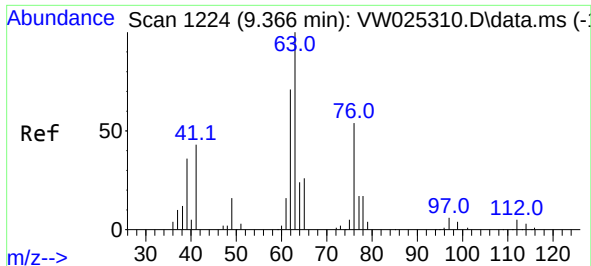
Tgt Ion: 95 Resp: 139030
Ion Ratio Lower Upper
95 100
97 66.2 45.4 84.2
132 95.7 67.1 124.5
130 99.8 69.2 128.6



#35
Methylcyclohexane
Concen: 19.667 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW025317.D
Acq: 08 Feb 2023 14:40

Tgt Ion: 83 Resp: 229631
Ion Ratio Lower Upper
83 100
55 74.3 58.8 88.2
98 48.7 39.5 59.3

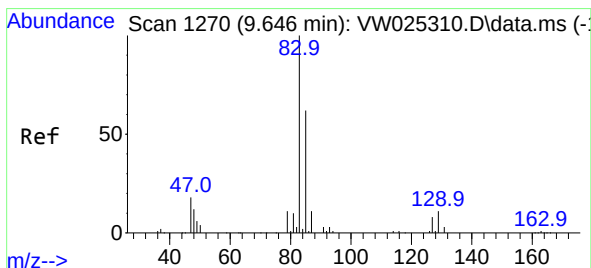
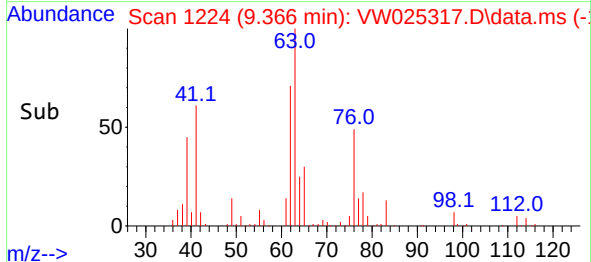
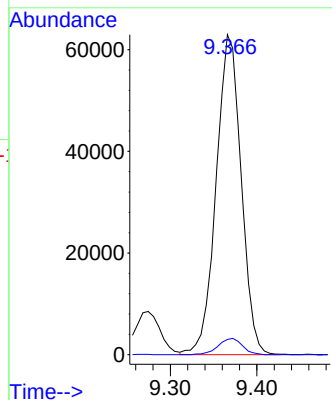
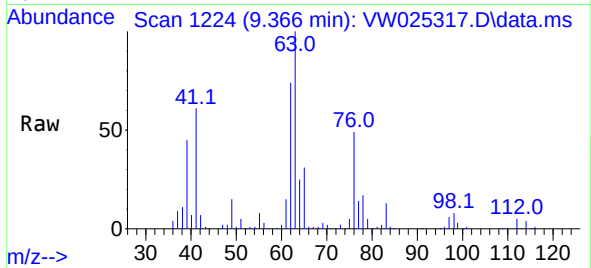




#37
1,2-Dichloropropane
Concen: 21.954 ug/L
RT: 9.366 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW025317.D
Acq: 08 Feb 2023 14:40

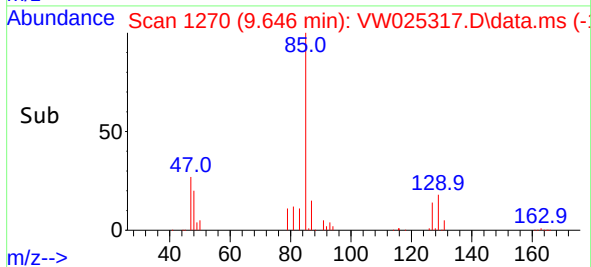
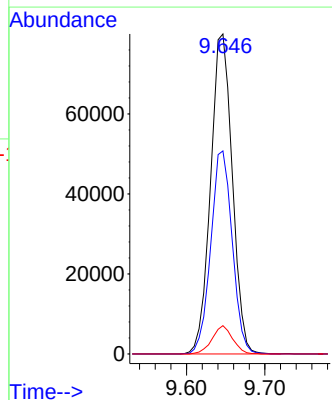
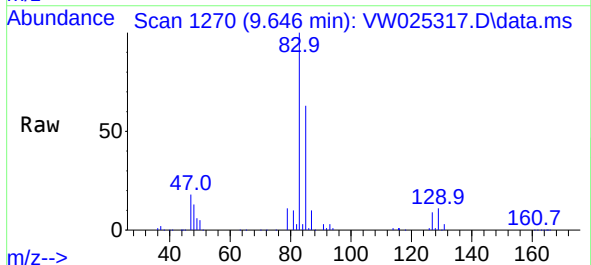
Instrument :
MSVOA_W
ClientSampleId :
VSTD025533

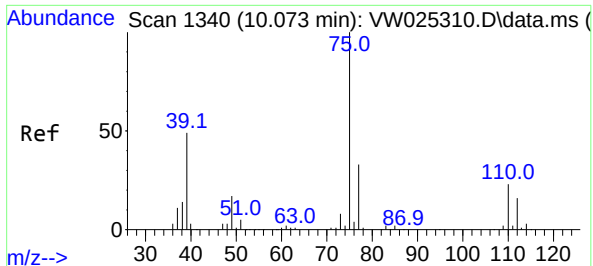
Tgt Ion: 63 Resp: 126448
Ion Ratio Lower Upper
63 100
112 4.9 3.8 5.8



#38
Bromodichloromethane
Concen: 20.113 ug/L
RT: 9.646 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VW025317.D
Acq: 08 Feb 2023 14:40

Tgt Ion: 83 Resp: 154033
Ion Ratio Lower Upper
83 100
85 63.4 44.4 82.4
127 8.8 6.2 9.2





#39

cis-1,3-Dichloropropene

Concen: 22.112 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. 0.000 min

Lab File: VW025317.D

Acq: 08 Feb 2023 14:40

Instrument :

MSVOA_W

ClientSampleId :

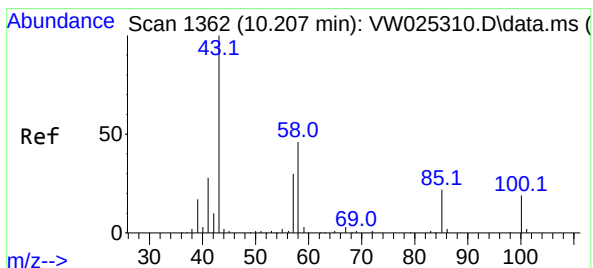
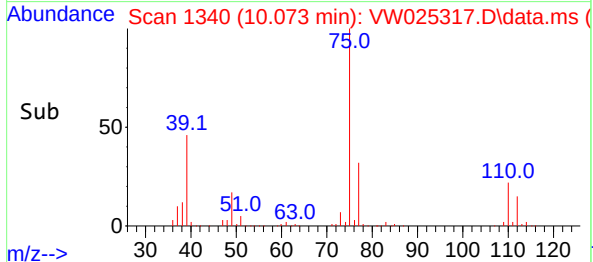
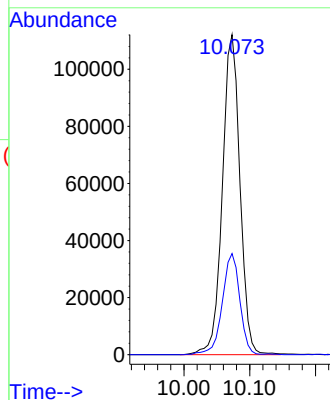
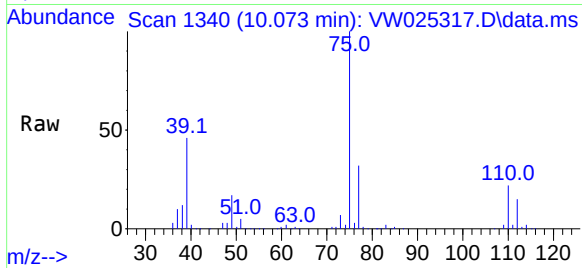
VSTD025533

Tgt Ion: 75 Resp: 208531

Ion Ratio Lower Upper

75 100

77 31.6 22.6 42.0



#40

4-Methyl-2-pentanone

Concen: 49.067 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW025317.D

Acq: 08 Feb 2023 14:40

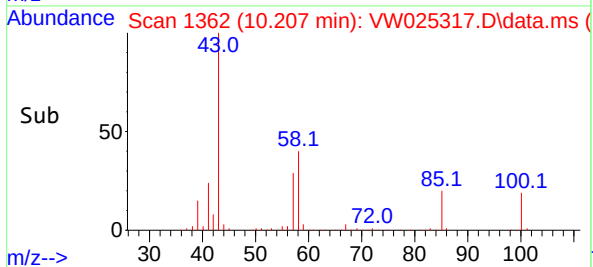
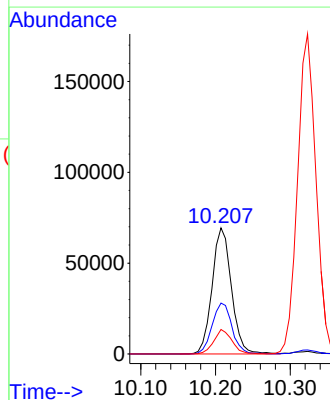
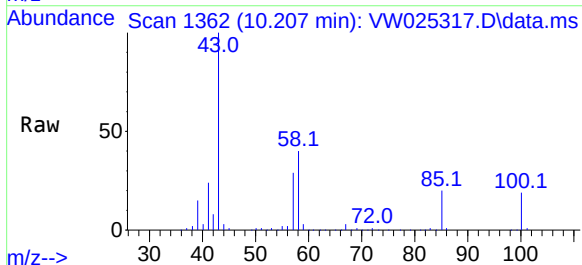
Tgt Ion: 43 Resp: 124783

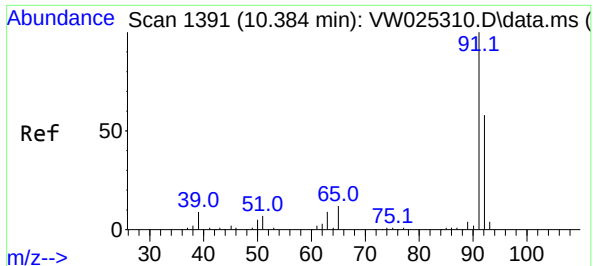
Ion Ratio Lower Upper

43 100

58 41.2 34.1 51.1

100 18.2 14.5 21.7

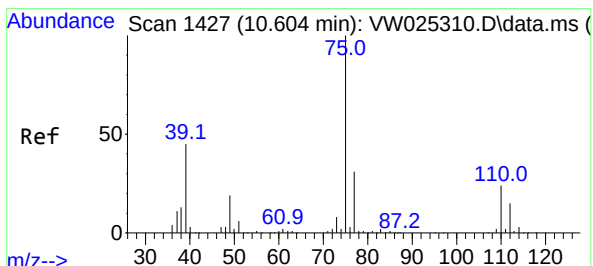
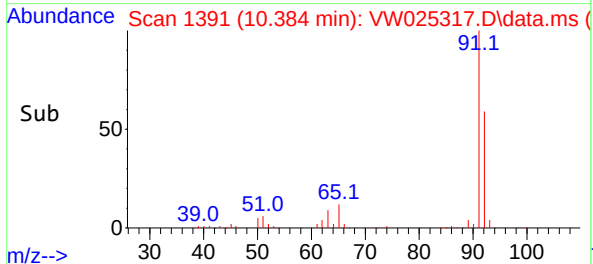
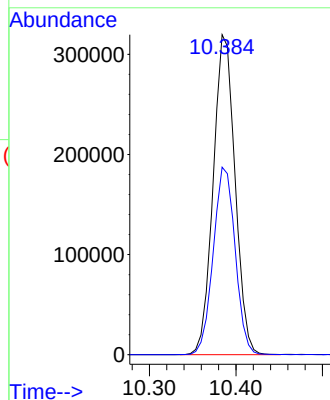
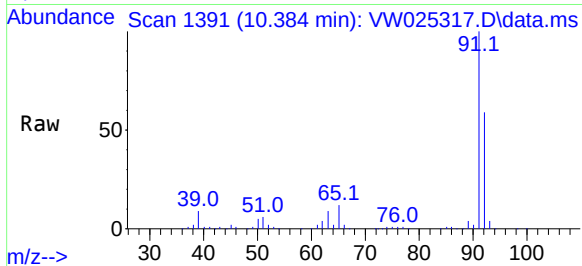




#42
Toluene
Concen: 24.125 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VW025317.D
Acq: 08 Feb 2023 14:40

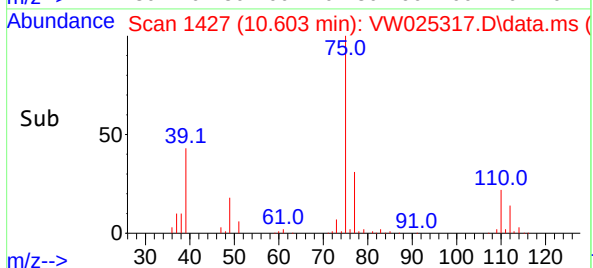
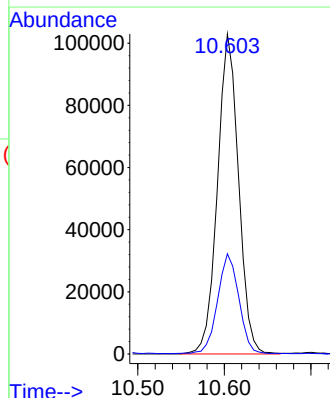
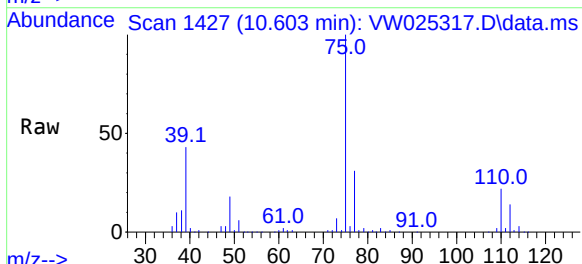
Instrument :
MSVOA_W
ClientSampleId :
VSTD025533

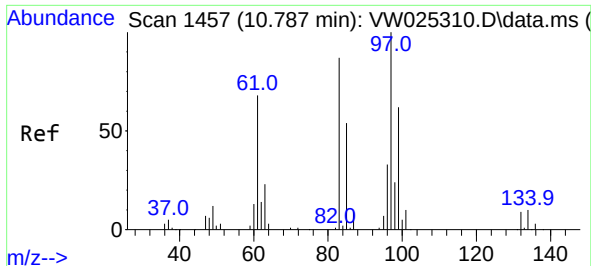
Tgt Ion: 91 Resp: 560259
Ion Ratio Lower Upper
91 100
92 58.6 41.9 77.7



#44
trans-1,3-Dichloropropene
Concen: 25.893 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW025317.D
Acq: 08 Feb 2023 14:40

Tgt Ion: 75 Resp: 174056
Ion Ratio Lower Upper
75 100
77 31.3 21.7 40.3

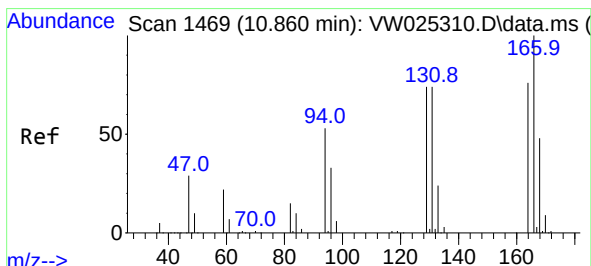
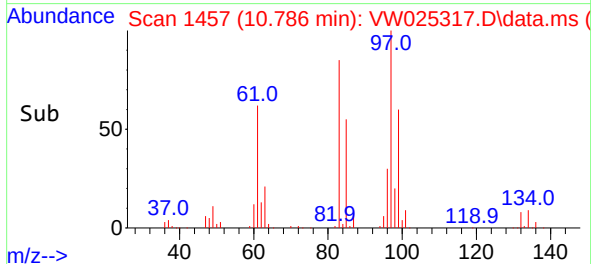
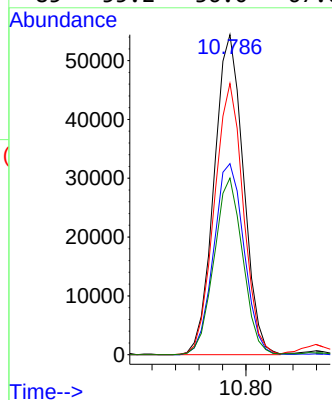
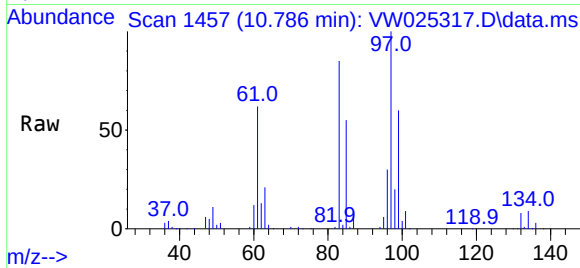




#45
1,1,2-Trichloroethane
Concen: 26.005 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW025317.D
Acq: 08 Feb 2023 14:40

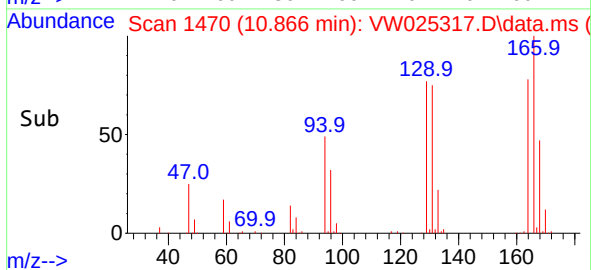
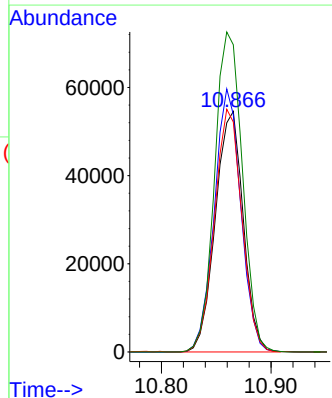
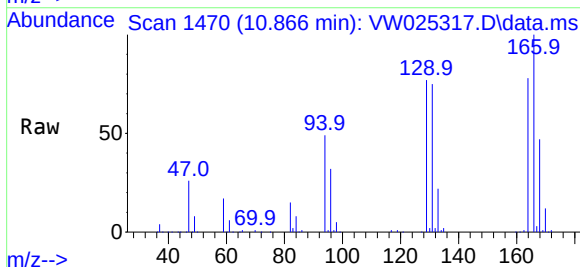
Instrument :
MSVOA_W
ClientSampleId :
VSTD025533

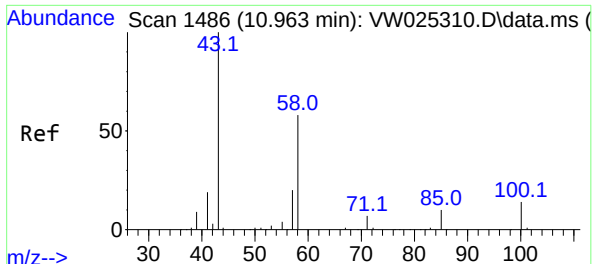
Tgt Ion:	97	Resp:	94399
Ion	Ratio	Lower	Upper
97	100		
99	59.7	41.4	76.8
83	84.8	54.0	100.4
85	55.2	36.0	67.0



#46
Tetrachloroethene
Concen: 23.013 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VW025317.D
Acq: 08 Feb 2023 14:40

Tgt Ion:	164	Resp:	96204
Ion	Ratio	Lower	Upper
164	100		
129	98.7	74.1	137.5
131	95.6	72.3	134.3
166	127.7	86.3	160.3





#48

2-Hexanone

Concen: 53.953 ug/L

RT: 10.969 min Scan# 1486

Delta R.T. 0.006 min

Lab File: VW025317.D

Acq: 08 Feb 2023 14:40

Instrument :

MSVOA_W

ClientSampleId :

VSTD025533

Tgt Ion: 43 Resp: 86620

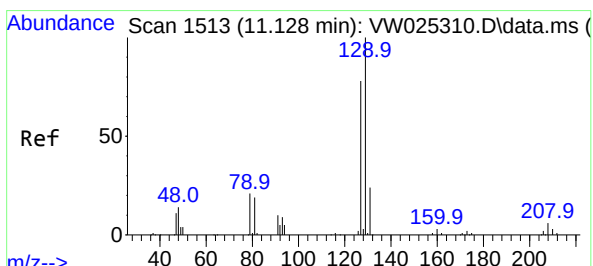
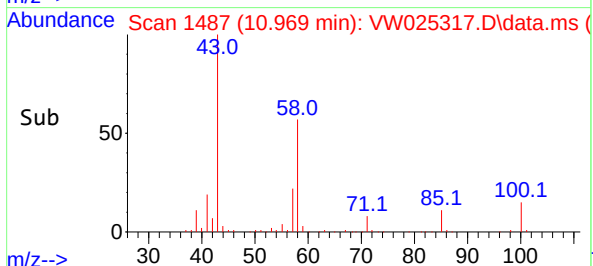
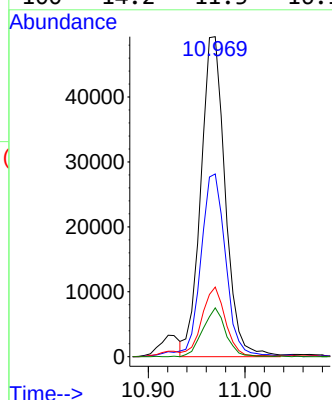
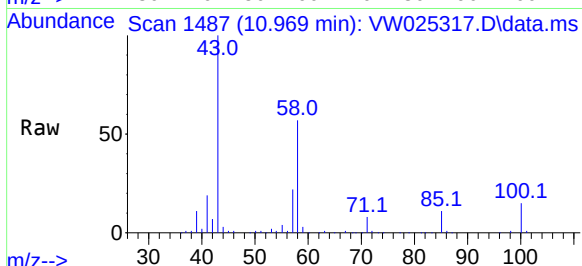
Ion Ratio Lower Upper

43 100

58 58.8 46.3 69.5

57 20.4 16.5 24.7

100 14.2 11.3 16.9



#49

Dibromochloromethane

Concen: 26.526 ug/L

RT: 11.128 min Scan# 1513

Delta R.T. 0.000 min

Lab File: VW025317.D

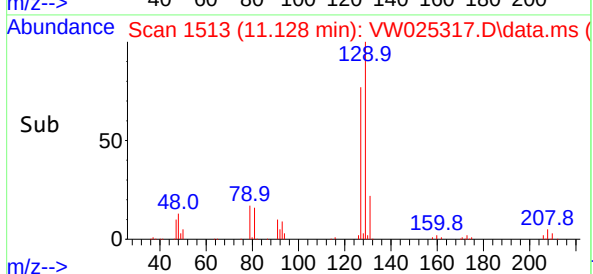
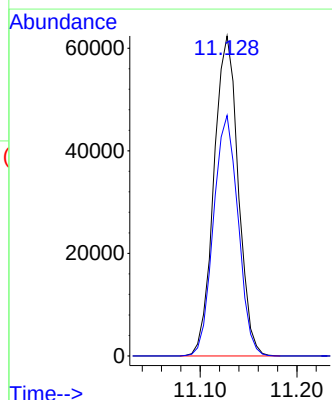
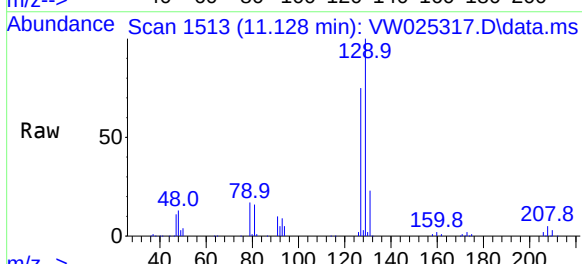
Acq: 08 Feb 2023 14:40

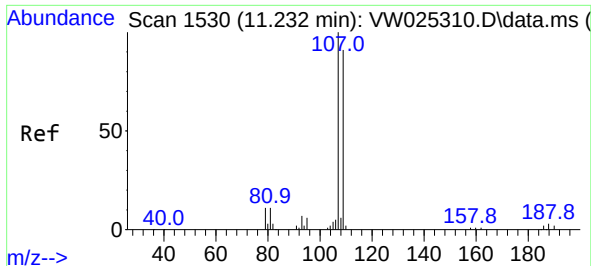
Tgt Ion:129 Resp: 108754

Ion Ratio Lower Upper

129 100

127 75.2 54.8 101.8





#50

1,2-Dibromoethane

Concen: 26.153 ug/L

RT: 11.231 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW025317.D

Acq: 08 Feb 2023 14:40

Instrument :

MSVOA_W

ClientSampleId :

VSTD025533

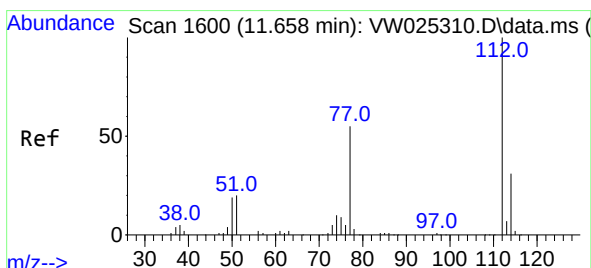
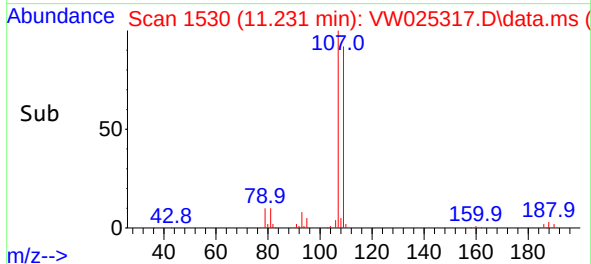
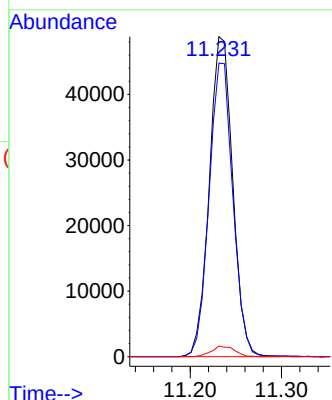
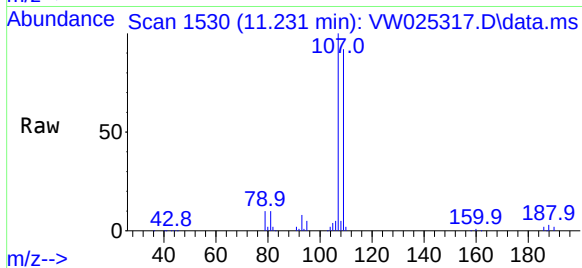
Tgt Ion:107 Resp: 86966

Ion Ratio Lower Upper

107 100

109 91.8 65.0 120.6

188 3.3 2.3 3.5



#51

Chlorobenzene

Concen: 23.060 ug/L

RT: 11.658 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VW025317.D

Acq: 08 Feb 2023 14:40

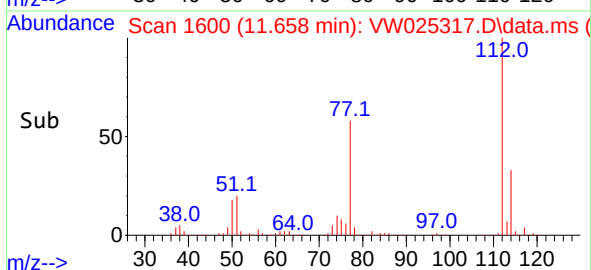
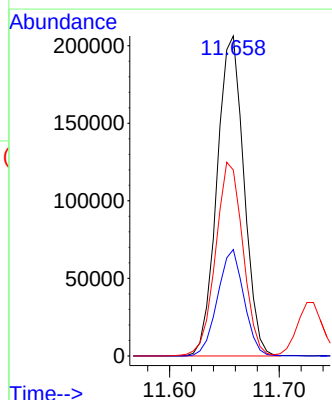
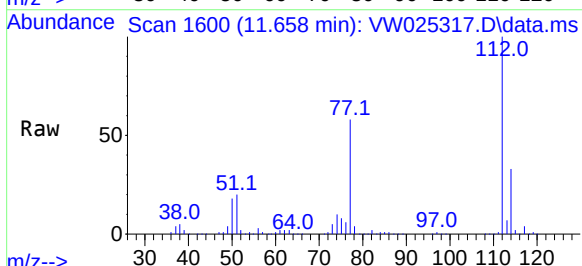
Tgt Ion:112 Resp: 352434

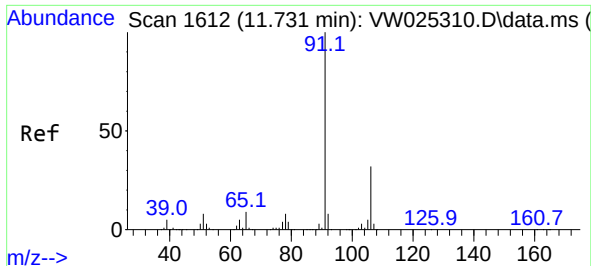
Ion Ratio Lower Upper

112 100

114 33.2 21.7 40.3

77 58.1 46.2 69.4

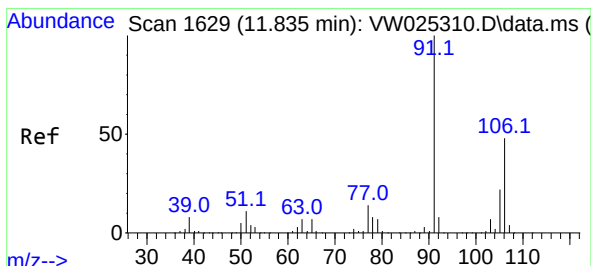
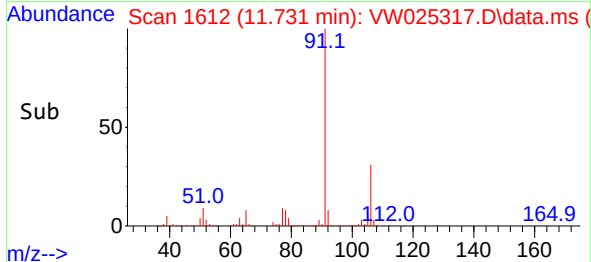
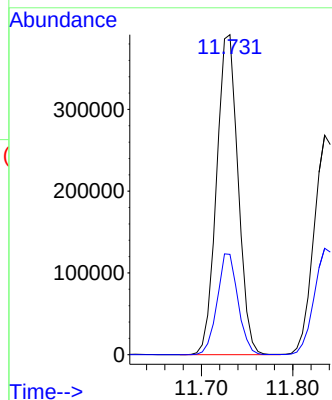
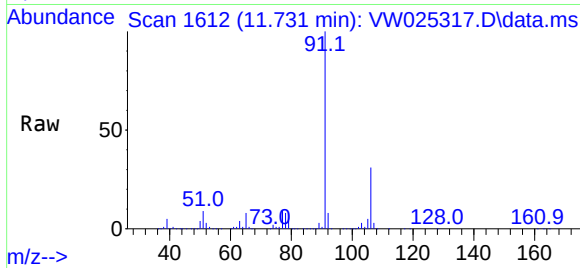




#52
Ethylbenzene
Concen: 23.015 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW025317.D
Acq: 08 Feb 2023 14:40

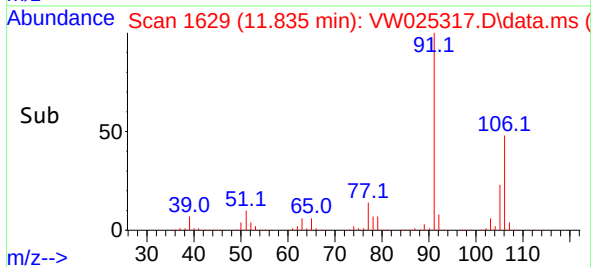
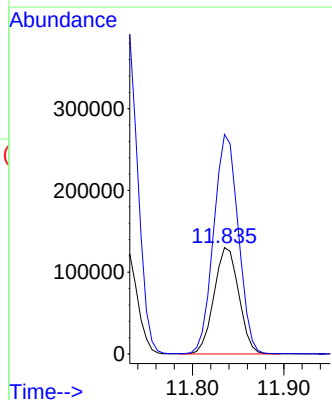
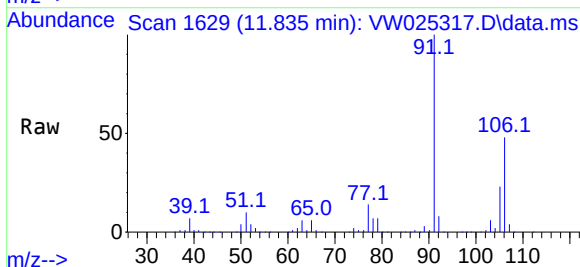
Instrument :
MSVOA_W
ClientSampleId :
VSTD025533

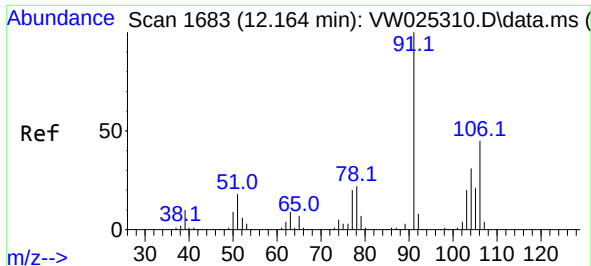
Tgt Ion: 91 Resp: 640373
Ion Ratio Lower Upper
91 100
106 31.3 21.1 39.1



#53
m,p-Xylene
Concen: 23.243 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW025317.D
Acq: 08 Feb 2023 14:40

Tgt Ion:106 Resp: 245106
Ion Ratio Lower Upper
106 100
91 206.4 143.4 266.4

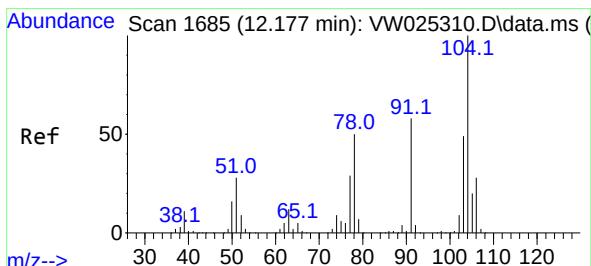
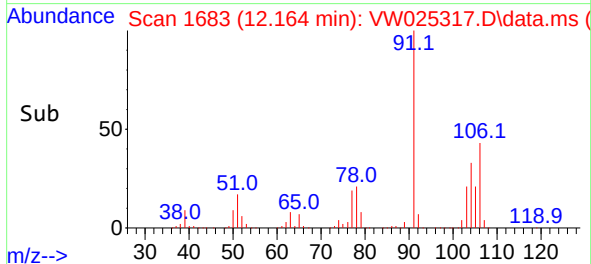
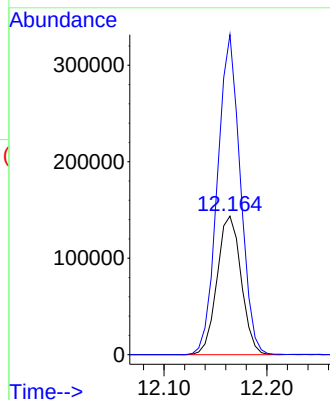
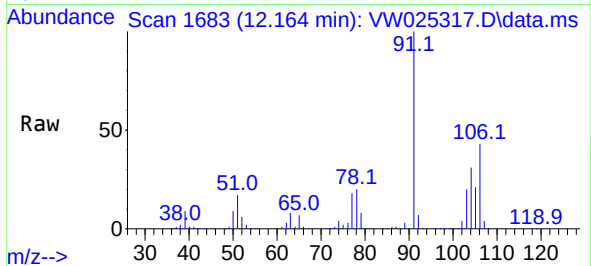




#54
o-Xylene
Concen: 21.994 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW025317.D
Acq: 08 Feb 2023 14:40

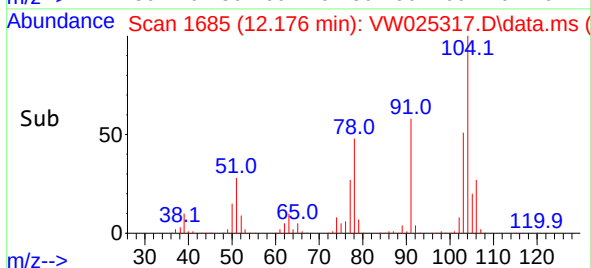
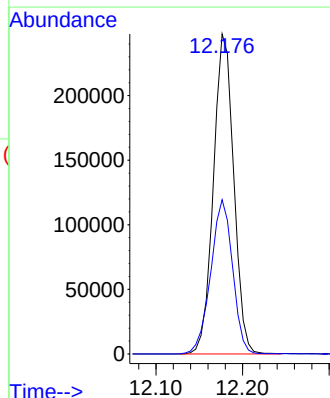
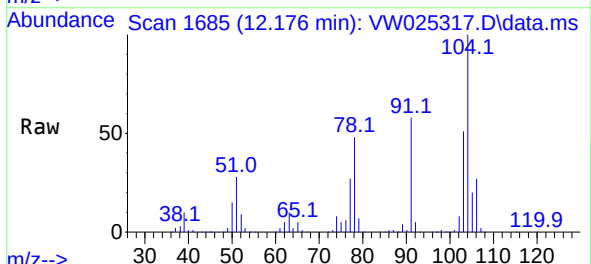
Instrument :
MSVOA_W
ClientSampleId :
VSTD025533

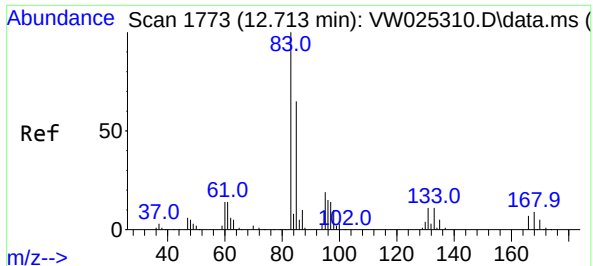
Tgt Ion:106 Resp: 233480
Ion Ratio Lower Upper
106 100
91 231.0 157.6 292.8



#55
Styrene
Concen: 22.484 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW025317.D
Acq: 08 Feb 2023 14:40

Tgt Ion:104 Resp: 404141
Ion Ratio Lower Upper
104 100
78 48.2 32.8 60.8

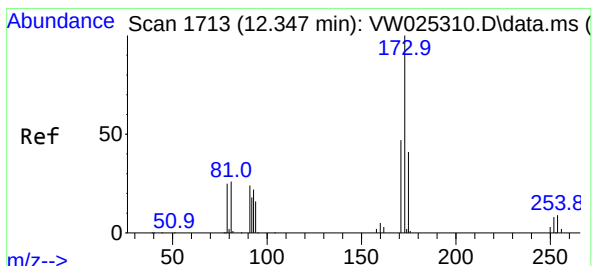
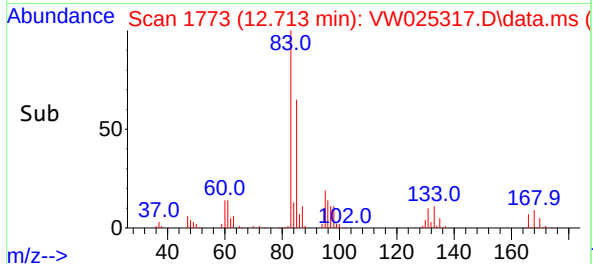
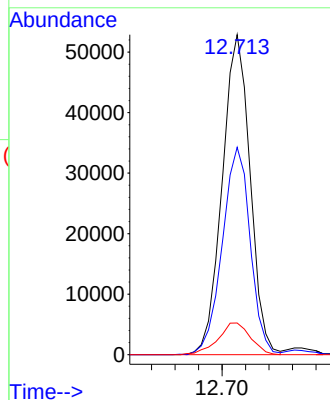
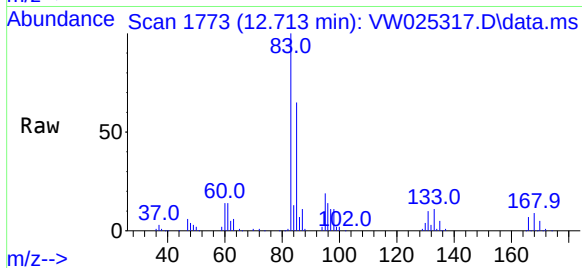




#57
1,1,2,2-Tetrachloroethane
Concen: 20.160 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VW025317.D
Acq: 08 Feb 2023 14:40

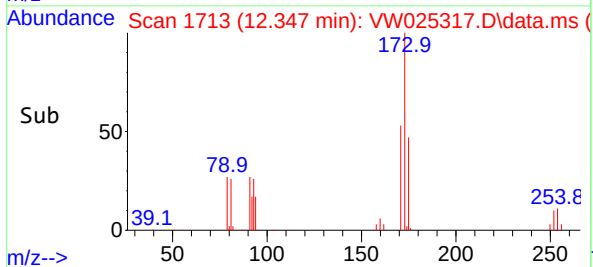
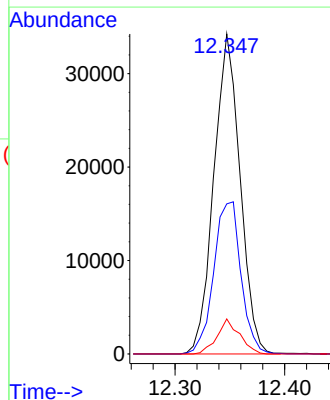
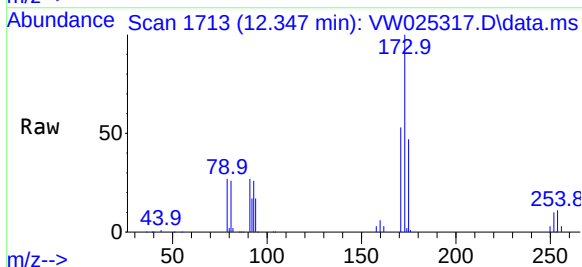
Instrument :
MSVOA_W
ClientSampleId :
VSTD025533

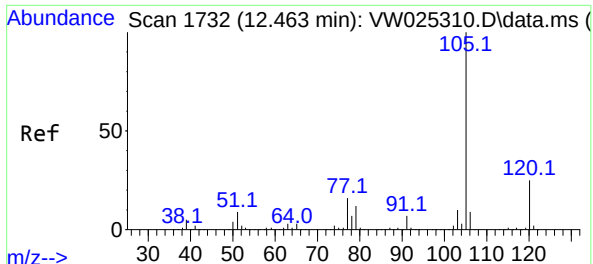
Tgt Ion:	83	Resp:	87196
Ion	Ratio	Lower	Upper
83	100		
85	64.8	44.7	83.1
131	9.9	7.8	11.6



#59
Bromoform
Concen: 23.394 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. 0.000 min
Lab File: VW025317.D
Acq: 08 Feb 2023 14:40

Tgt Ion:	173	Resp:	56948
Ion	Ratio	Lower	Upper
173	100		
175	49.5	38.6	58.0
254	9.4	7.0	10.4

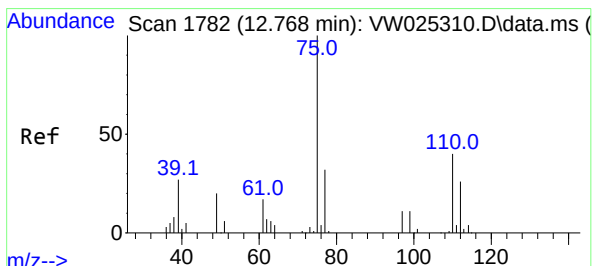
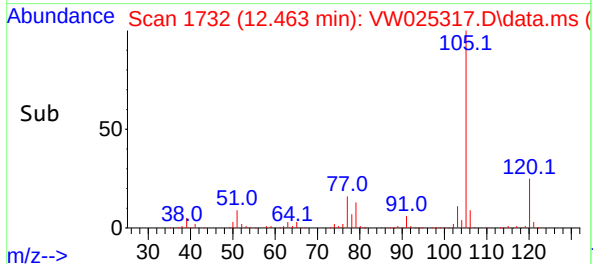
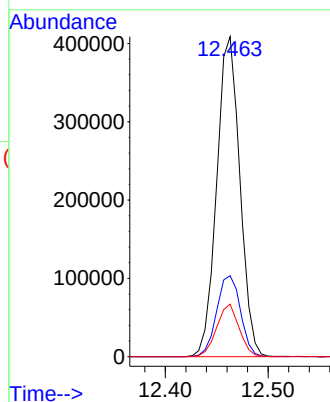
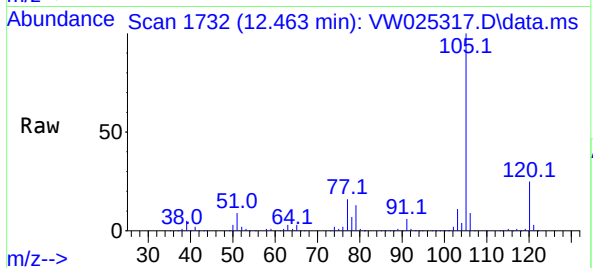




#60
Isopropylbenzene
Concen: 21.982 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW025317.D
Acq: 08 Feb 2023 14:40

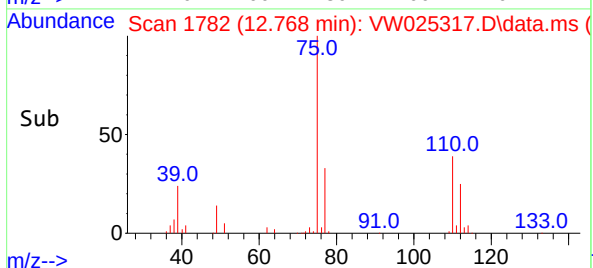
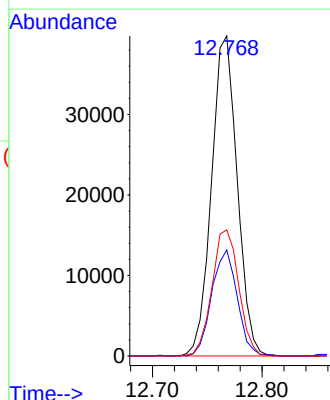
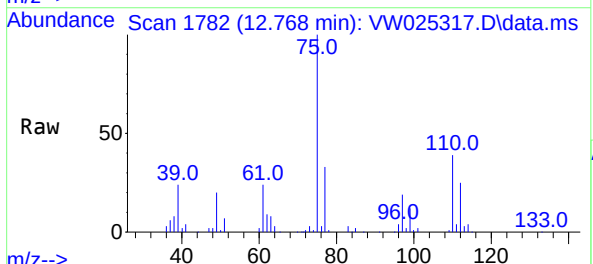
Instrument :
MSVOA_W
ClientSampleId :
VSTD025533

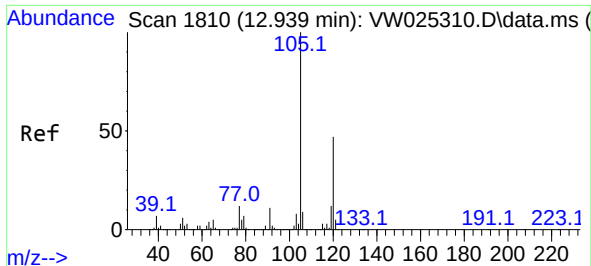
Tgt Ion:105 Resp: 638753
Ion Ratio Lower Upper
105 100
120 26.1 20.6 30.8
77 15.9 12.6 18.8



#61
1,2,3-Trichloropropane
Concen: 21.250 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW025317.D
Acq: 08 Feb 2023 14:40

Tgt Ion: 75 Resp: 64827
Ion Ratio Lower Upper
75 100
77 32.9 26.7 40.1
110 41.0 33.2 49.8





#62

1,3,5-Trimethylbenzene

Concen: 19.816 ug/L

RT: 12.938 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VW025317.D

Acq: 08 Feb 2023 14:40

Instrument :

MSVOA_W

ClientSampleId :

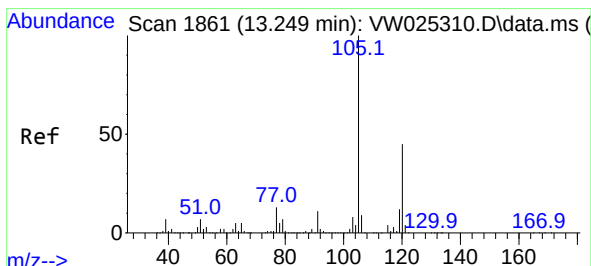
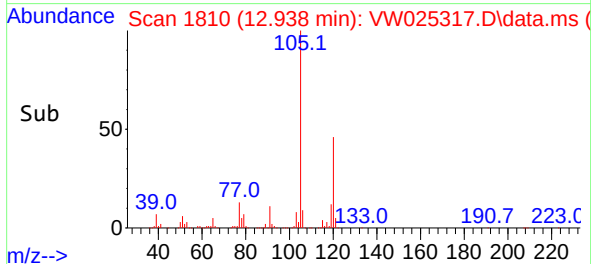
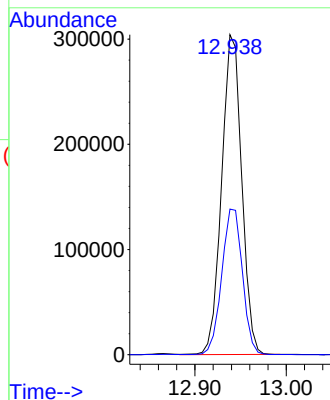
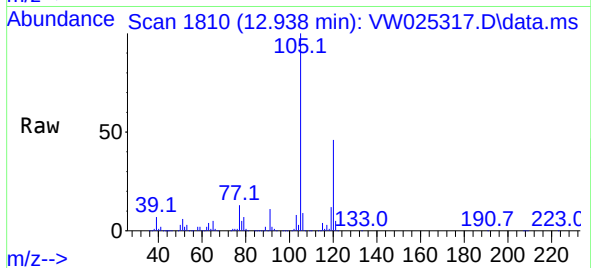
VSTD025533

Tgt Ion:105 Resp: 464206

Ion Ratio Lower Upper

105 100

120 47.0 37.0 55.4



#63

1,2,4-Trimethylbenzene

Concen: 19.971 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VW025317.D

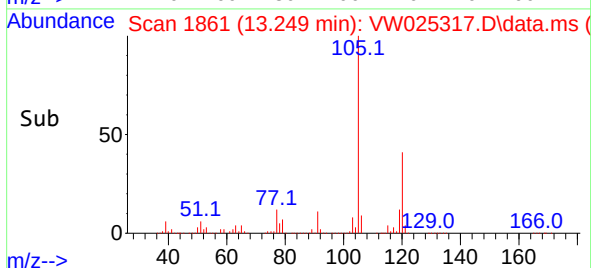
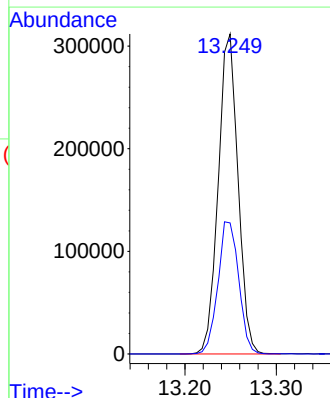
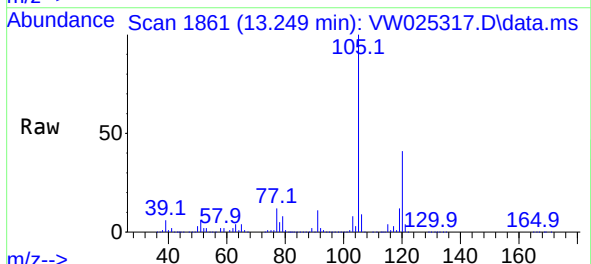
Acq: 08 Feb 2023 14:40

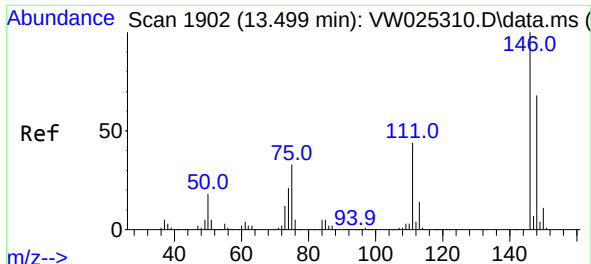
Tgt Ion:105 Resp: 468781

Ion Ratio Lower Upper

105 100

120 43.5 35.0 52.4

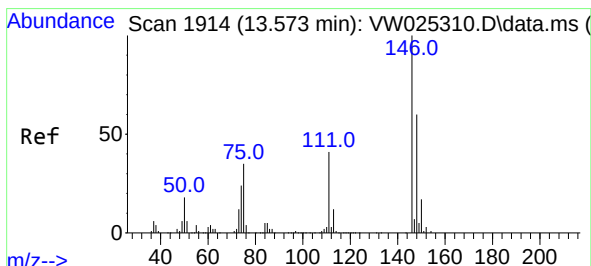
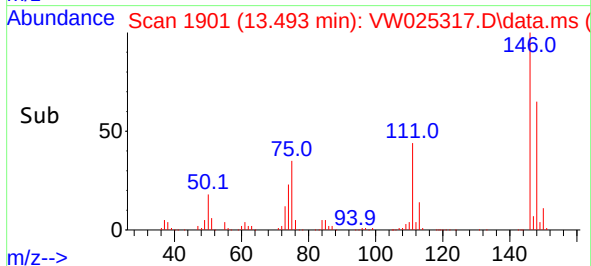
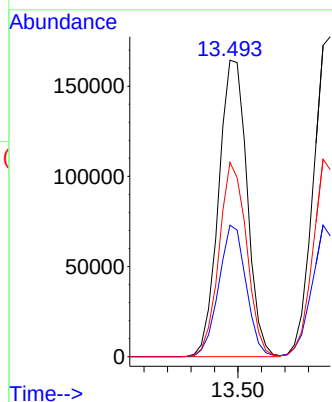
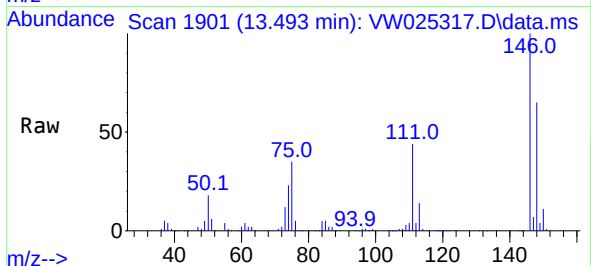




#64
1,3-Dichlorobenzene
Concen: 22.965 ug/L
RT: 13.493 min Scan# 1901
Delta R.T. -0.006 min
Lab File: VW025317.D
Acq: 08 Feb 2023 14:40

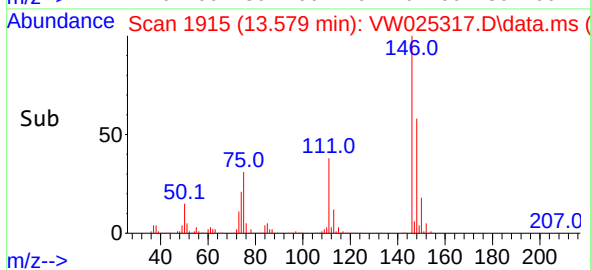
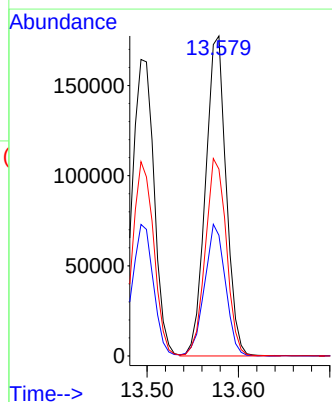
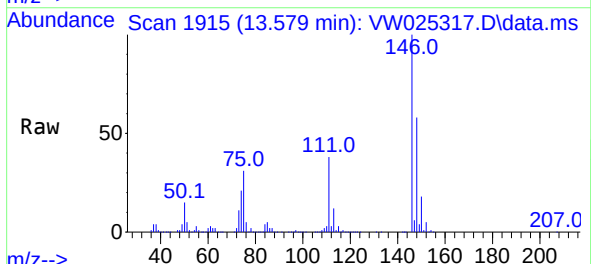
Instrument :
MSVOA_W
ClientSampleId :
VSTD025533

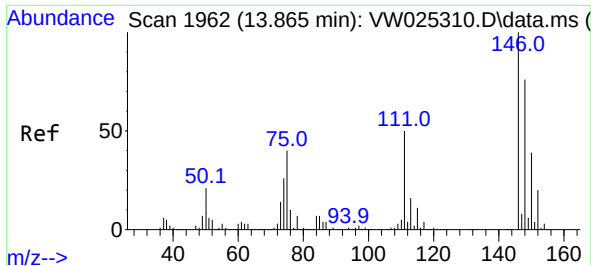
Tgt Ion:146 Resp: 276479
Ion Ratio Lower Upper
146 100
111 44.4 29.0 53.8
148 65.5 41.7 77.5



#65
1,4-Dichlorobenzene
Concen: 23.416 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW025317.D
Acq: 08 Feb 2023 14:40

Tgt Ion:146 Resp: 278185
Ion Ratio Lower Upper
146 100
111 37.7 29.3 54.3
148 58.4 43.8 81.4

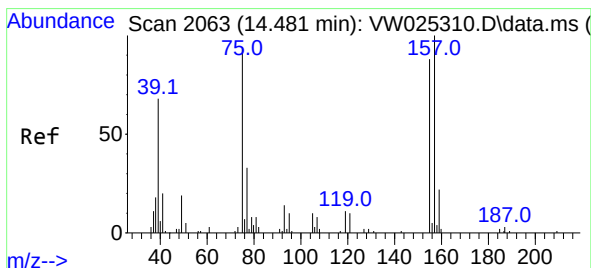
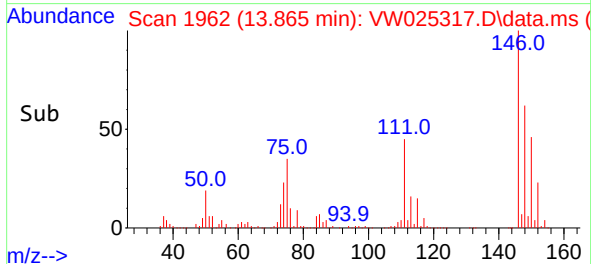
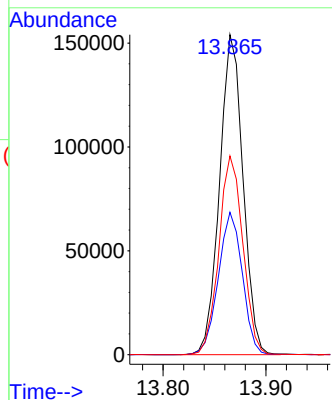
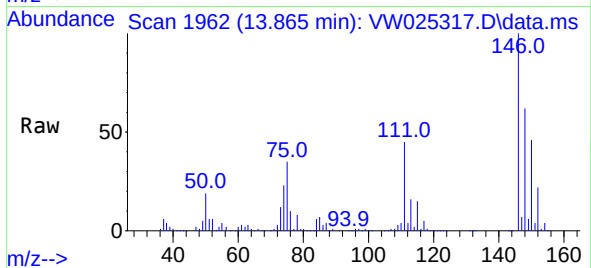




#67
1,2-Dichlorobenzene
Concen: 23.519 ug/L
RT: 13.865 min Scan# 1962
Delta R.T. 0.000 min
Lab File: VW025317.D
Acq: 08 Feb 2023 14:40

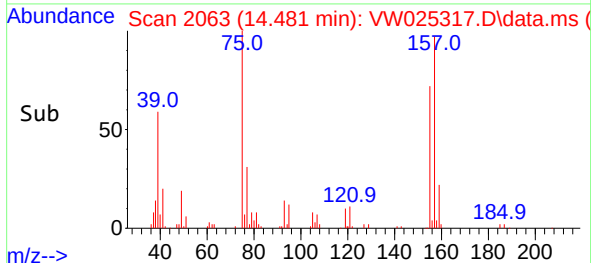
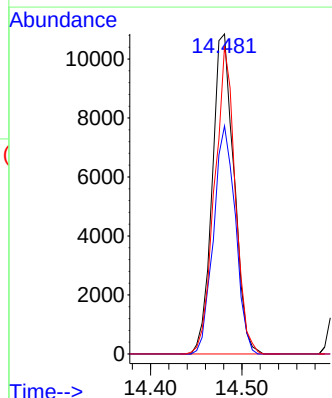
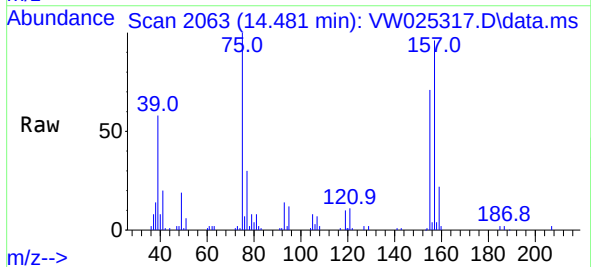
Instrument :
MSVOA_W
ClientSampleId :
VSTD025533

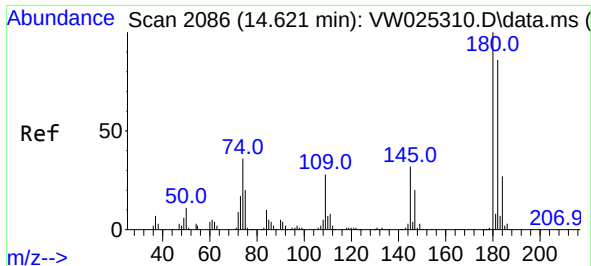
Tgt Ion:146 Resp: 244009
Ion Ratio Lower Upper
146 100
111 44.5 36.2 54.2
148 62.1 50.2 75.4



#68
1,2-Dibromo-3-chloropropane
Concen: 25.157 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VW025317.D
Acq: 08 Feb 2023 14:40

Tgt Ion: 75 Resp: 17925
Ion Ratio Lower Upper
75 100
155 71.3 63.4 95.2
157 96.1 82.5 123.7

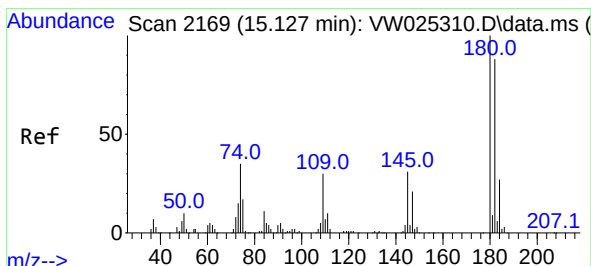
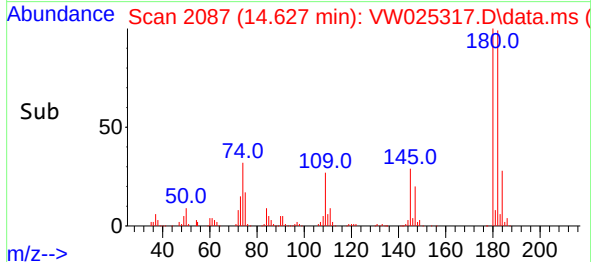
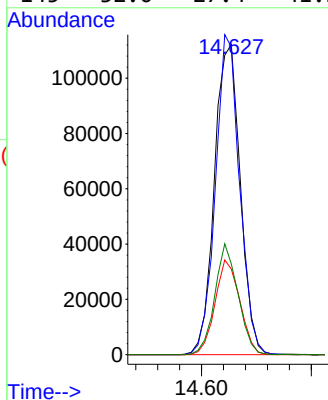
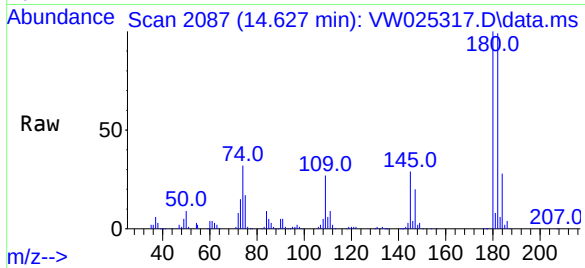




#69
1,3,5-Trichlorobenzene
Concen: 23.499 ug/L
RT: 14.627 min Scan# 2086
Delta R.T. 0.006 min
Lab File: VW025317.D
Acq: 08 Feb 2023 14:40

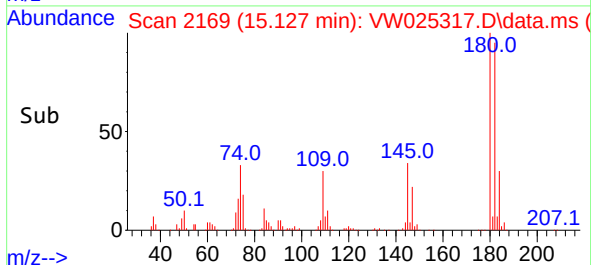
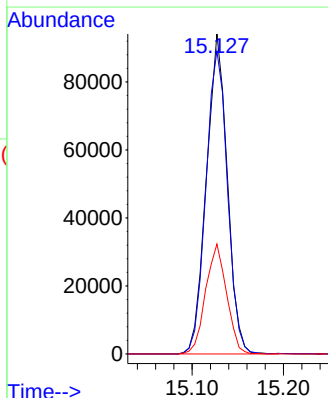
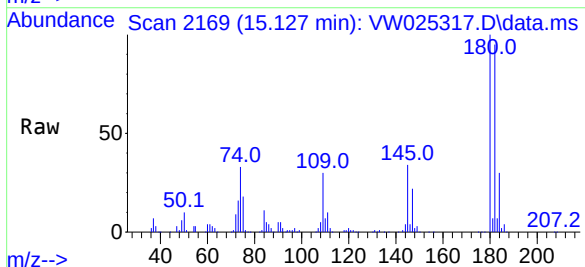
Instrument :
MSVOA_W
ClientSampleId :
VSTD025533

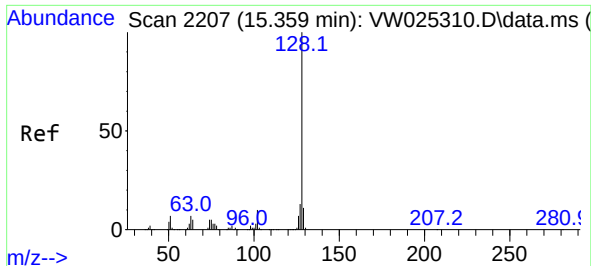
Tgt Ion:	180	Resp:	183978
Ion Ratio	Lower	Upper	
180	100		
182	96.3	77.7	116.5
184	29.2	24.4	36.6
145	32.0	27.4	41.2



#70
1,2,4-trichlorobenzene
Concen: 23.427 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. 0.000 min
Lab File: VW025317.D
Acq: 08 Feb 2023 14:40

Tgt Ion:	180	Resp:	149346
Ion Ratio	Lower	Upper	
180	100		
182	97.6	76.4	114.6
145	34.5	27.4	41.2



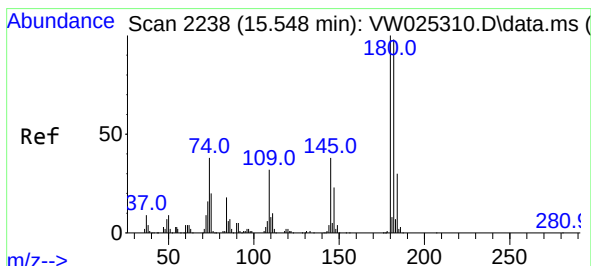
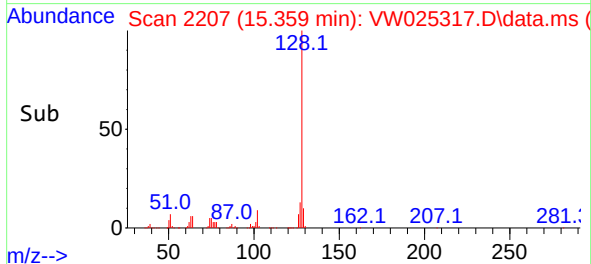
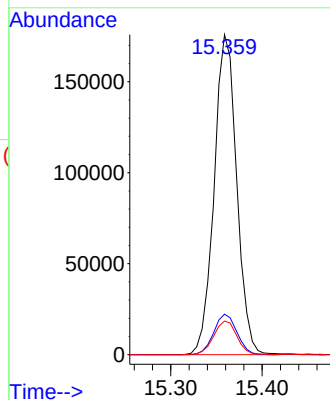
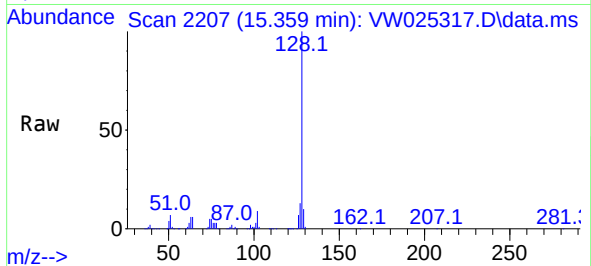


#71
Naphthalene
Concen: 25.866 ug/L
RT: 15.359 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW025317.D
Acq: 08 Feb 2023 14:40

Instrument :
MSVOA_W
ClientSampleId :
VSTD025533

Tgt Ion:128 Resp: 301433

Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.4	15.6
129	10.8	8.7	13.1



#72
1,2,3-Trichlorobenzene
Concen: 24.229 ug/L
RT: 15.548 min Scan# 2238
Delta R.T. 0.000 min
Lab File: VW025317.D
Acq: 08 Feb 2023 14:40

Tgt Ion:180 Resp: 132623

Ion	Ratio	Lower	Upper
180	100		
182	96.8	75.1	112.7
145	35.3	28.8	43.2

