

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050922\
 Data File : VW022940.D
 Acq On : 09 May 2022 19:17
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025523

Quant Time: May 09 23:01:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon May 09 22:55:00 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	312883	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	315442	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	175897	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	120383	18.753	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.000%
7) Chloroethane-d5	2.885	69	94485	22.624	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.480%
11) 1,1-Dichloroethene-d2	4.019	63	160738	19.379	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	77.520%
21) 2-Butanone-d5	7.074	46	64008	52.444	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.880%
24) Chloroform-d	7.653	84	227869	24.858	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.440%
26) 1,2-Dichloroethane-d4	8.305	65	124379	24.739	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.960%
32) Benzene-d6	8.275	84	420163	23.109	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.440%
36) 1,2-Dichloropropane-d6	9.274	67	126148	24.699	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.800%
41) Toluene-d8	10.323	98	409279	23.302	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.200%
43) trans-1,3-Dichloroprop...	10.579	79	53669	22.822	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.280%
47) 2-Hexanone-d5	10.920	63	53043	54.404	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.800%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	127079	26.695	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.800%
66) 1,2-Dichlorobenzene-d4	13.853	152	148900	24.216	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.880%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.001	85	29143	17.086	ug/L	99
3) Chloromethane	2.215	50	74207	22.515	ug/L	99
5) Vinyl chloride	2.361	62	133695	20.212	ug/L	100
6) Bromomethane	2.776	94	83260	19.605	ug/L	90
8) Chloroethane	2.916	64	71430	22.389	ug/L	100
9) Trichlorofluoromethane	3.257	101	59025	19.524	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	93215	20.620	ug/L	96
12) 1,1-Dichloroethene	4.038	96	81219	20.267	ug/L	91
13) Acetone	4.123	43	33667	36.844	ug/L	100
14) Carbon disulfide	4.385	76	191495	17.430	ug/L	99
15) Methyl Acetate	4.678	43	42215	22.996	ug/L	98
16) Methylene chloride	4.922	84	100618	21.977	ug/L	98
17) trans-1,2-Dichloroethene	5.421	96	93791	20.798	ug/L	97
18) Methyl tert-butyl Ether	5.421	73	166948	24.251	ug/L	99
19) 1,1-Dichloroethane	6.220	63	179012	23.421	ug/L	92
20) cis-1,2-Dichloroethene	7.171	96	111909	23.104	ug/L #	99
22) 2-Butanone	7.165	43	56264	44.028	ug/L	99
23) Bromochloromethane	7.513	128	51067	22.512	ug/L	95
25) Chloroform	7.677	83	202570	23.969	ug/L	97

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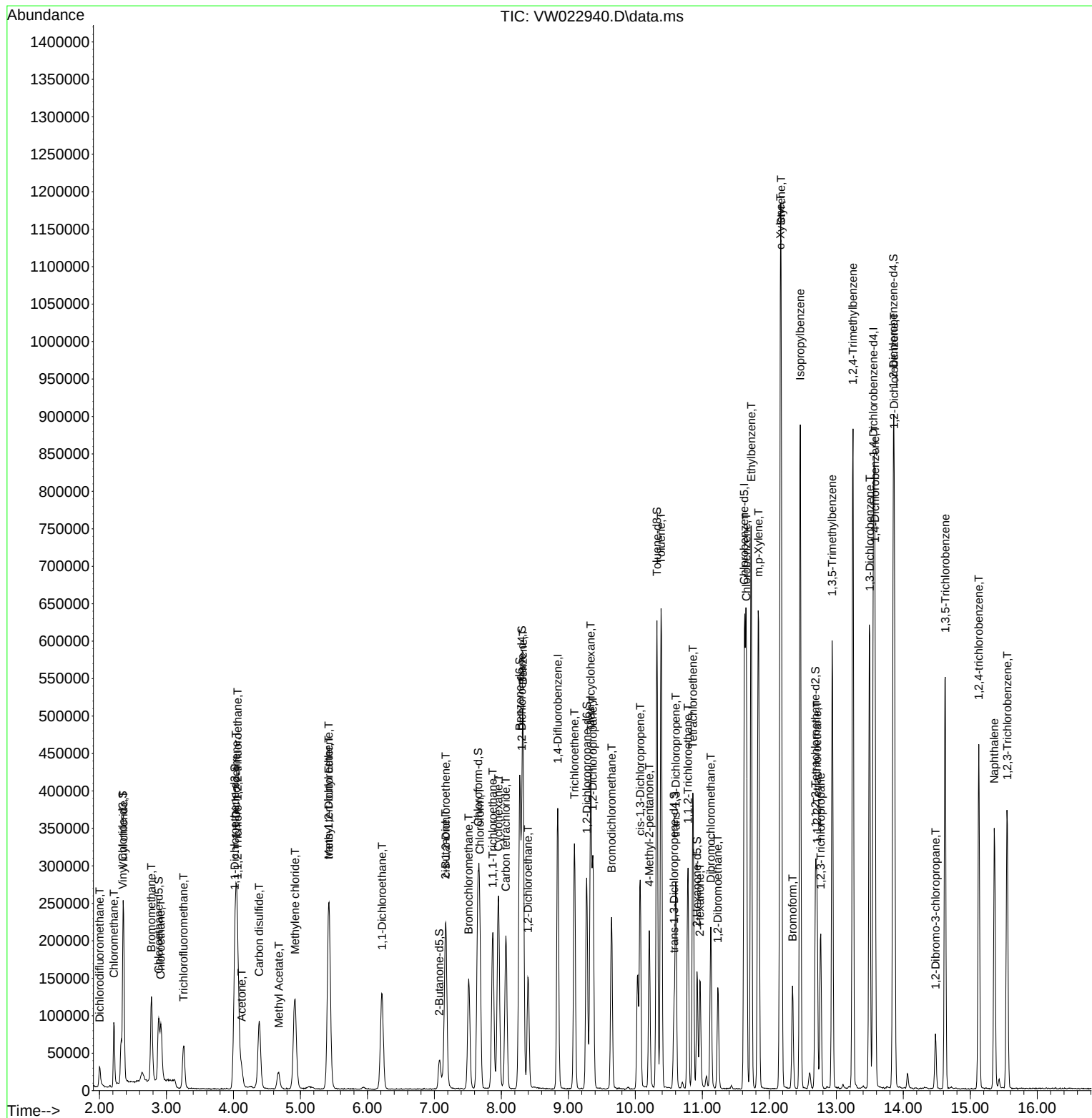
Quant Time: May 09 23:01:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon May 09 22:55:00 2022
 Response via : Initial Calibration

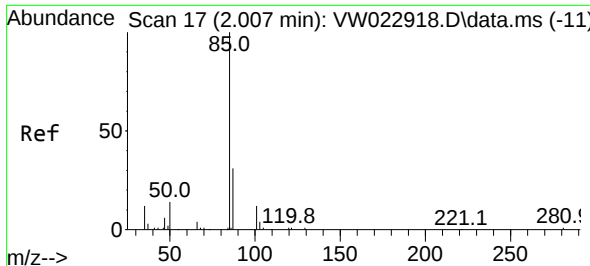
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.396	62	135585	24.067	ug/L	99
29) Cyclohexane	7.958	56	136632	20.028	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	165566	22.210	ug/L	98
31) Carbon tetrachloride	8.067	117	149857	21.491	ug/L	98
33) Benzene	8.323	78	414703	22.316	ug/L	100
34) Trichloroethene	9.091	95	110343	21.591	ug/L	99
35) Methylcyclohexane	9.335	83	168017	20.013	ug/L	98
37) 1,2-Dichloropropane	9.366	63	103915	23.108	ug/L	98
38) Bromodichloromethane	9.646	83	150799	23.609	ug/L	96
39) cis-1,3-Dichloropropene	10.073	75	162266	23.271	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	130102	45.900	ug/L	99
42) Toluene	10.384	91	472964	22.711	ug/L	99
44) trans-1,3-Dichloropropene	10.603	75	143363	23.035	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	91350	24.300	ug/L	97
46) Tetrachloroethene	10.859	164	81890	21.322	ug/L	89
48) 2-Hexanone	10.963	43	88945	46.965	ug/L	97
49) Dibromochloromethane	11.128	129	105698	23.361	ug/L	97
50) 1,2-Dibromoethane	11.231	107	85577	22.670	ug/L	97
51) Chlorobenzene	11.658	112	315854	23.005	ug/L	98
52) Ethylbenzene	11.731	91	537404	23.195	ug/L	100
53) m,p-Xylene	11.841	106	211533	23.171	ug/L	100
54) o-Xylene	12.164	106	208405	23.789	ug/L	99
55) Styrene	12.176	104	364497	24.486	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	111960	23.844	ug/L	95
59) Bromoform	12.347	173	57281	22.979	ug/L	100
60) Isopropylbenzene	12.463	105	561745	23.312	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	81242	23.116	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	309342	23.075	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	473786	23.537	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	249472	23.188	ug/L	92
65) 1,4-Dichlorobenzene	13.579	146	253694	22.829	ug/L	99
67) 1,2-Dichlorobenzene	13.865	146	228496	23.209	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	17180	22.367	ug/L	87
69) 1,3,5-Trichlorobenzene	14.627	180	156927	21.974	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	131544	22.898	ug/L	97
71) Naphthalene	15.359	128	290882	23.297	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	116625	22.906	ug/L	98

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

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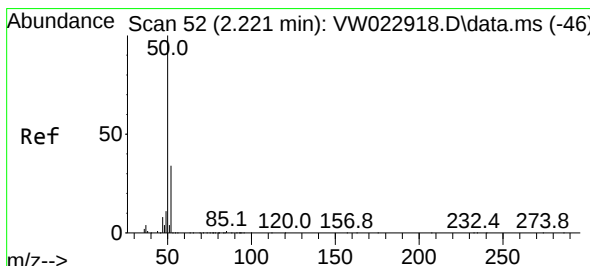
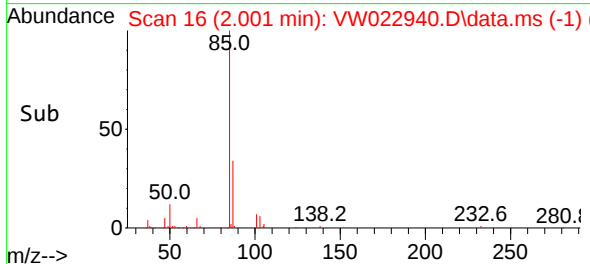
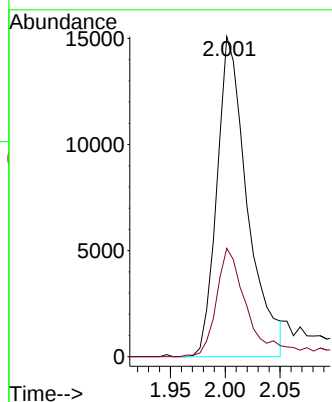
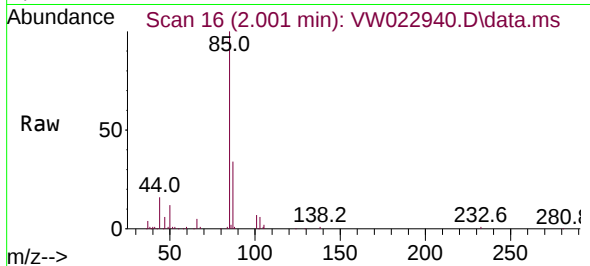




#2
Dichlorodifluoromethane
Concen: 17.086 ug/L
RT: 2.001 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW022940.D
Acq: 09 May 2022 19:17

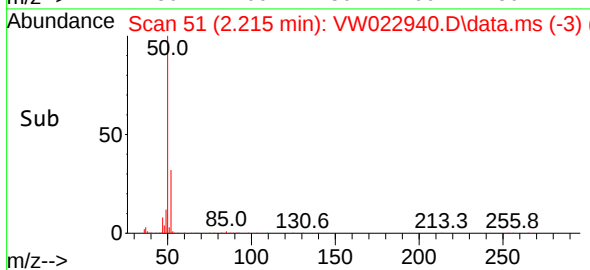
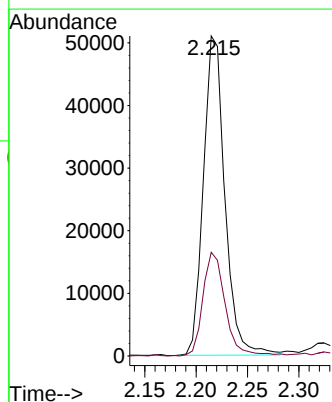
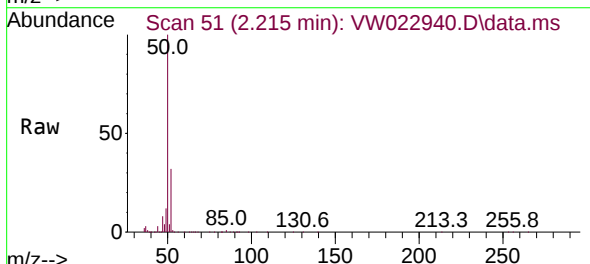
Instrument :
MSVOA_W
ClientSampleId :
VSTD025523

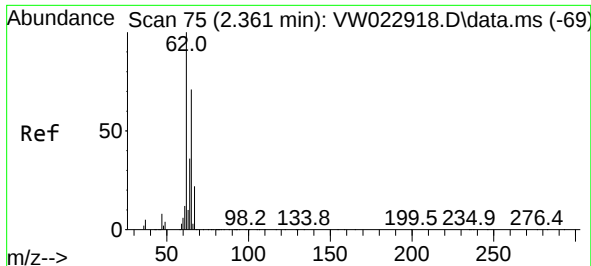
Tgt Ion: 85 Resp: 29143
Ion Ratio Lower Upper
85 100
87 34.2 27.8 41.8



#3
Chloromethane
Concen: 22.515 ug/L
RT: 2.215 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW022940.D
Acq: 09 May 2022 19:17

Tgt Ion: 50 Resp: 74207
Ion Ratio Lower Upper
50 100
52 32.4 23.1 42.9

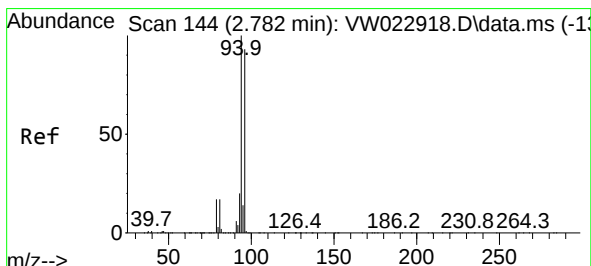
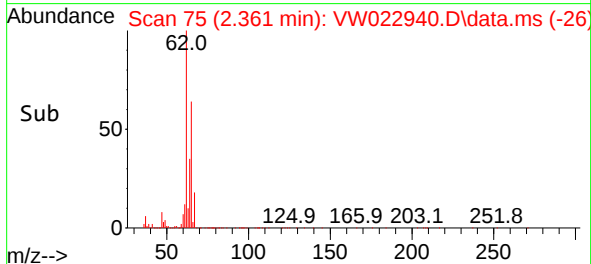
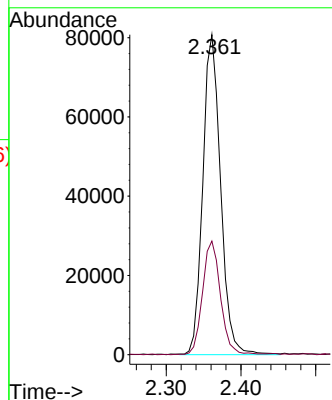
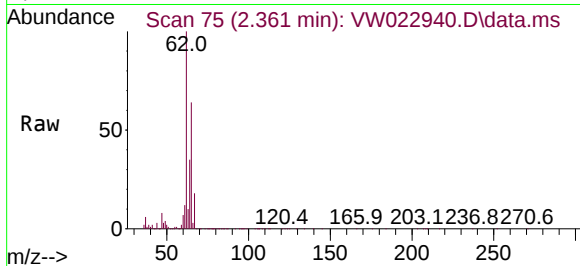




#5
 Vinyl chloride
 Concen: 20.212 ug/L
 RT: 2.361 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VW022940.D
 Acq: 09 May 2022 19:17

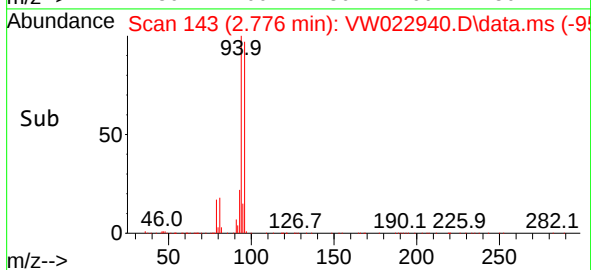
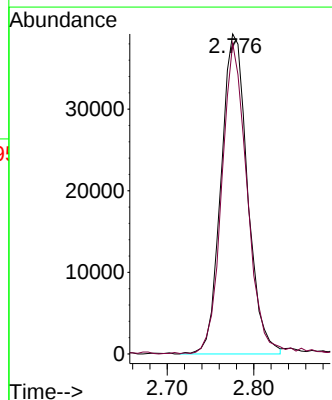
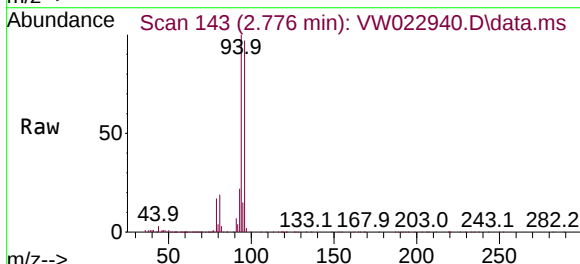
Instrument :
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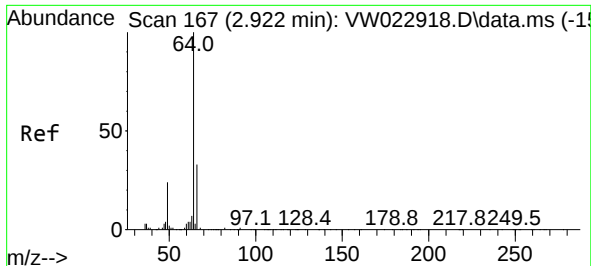
Tgt Ion: 62 Resp: 133695
 Ion Ratio Lower Upper
 62 100
 64 35.5 24.9 46.3



#6
 Bromomethane
 Concen: 19.605 ug/L
 RT: 2.776 min Scan# 143
 Delta R.T. -0.006 min
 Lab File: VW022940.D
 Acq: 09 May 2022 19:17

Tgt Ion: 94 Resp: 83260
 Ion Ratio Lower Upper
 94 100
 96 97.1 61.7 114.5

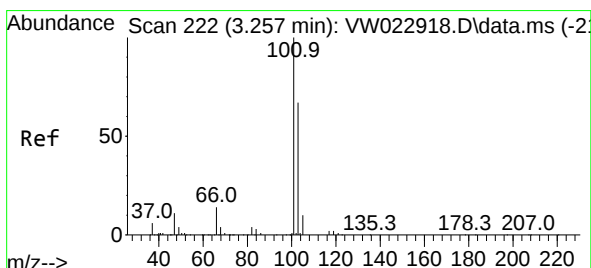
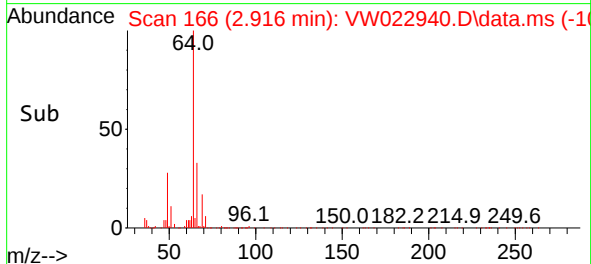
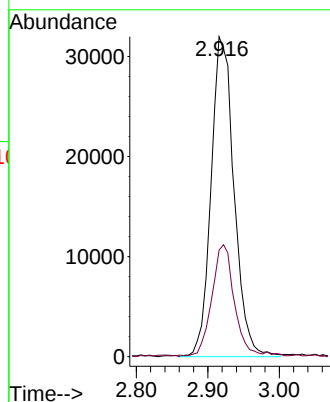
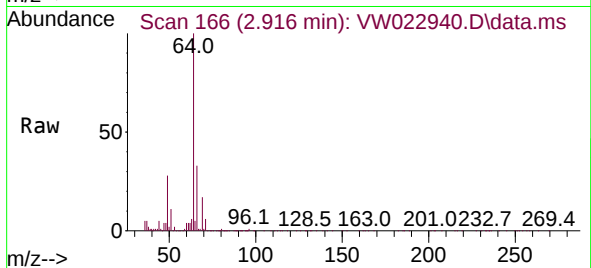




#8
Chloroethane
Concen: 22.389 ug/L
RT: 2.916 min Scan# 166
Delta R.T. -0.006 min
Lab File: VW022940.D
Acq: 09 May 2022 19:17

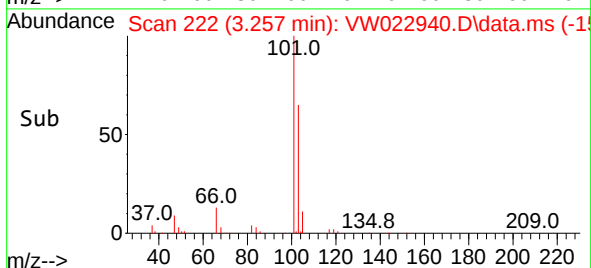
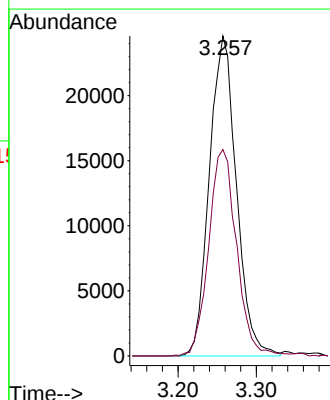
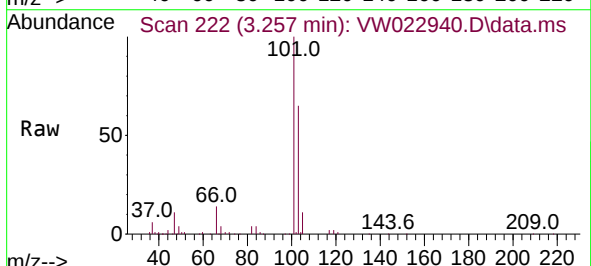
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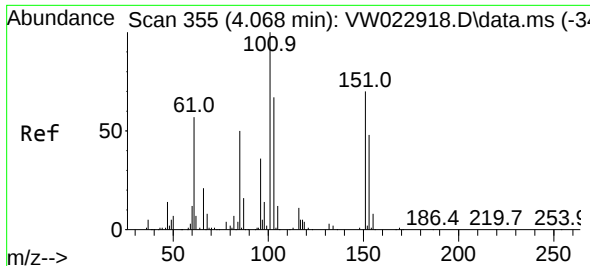
Tgt Ion: 64 Resp: 71430
Ion Ratio Lower Upper
64 100
66 33.3 23.4 43.6



#9
Trichlorofluoromethane
Concen: 19.524 ug/L
RT: 3.257 min Scan# 222
Delta R.T. -0.000 min
Lab File: VW022940.D
Acq: 09 May 2022 19:17

Tgt Ion: 101 Resp: 59025
Ion Ratio Lower Upper
101 100
103 66.3 53.9 80.9

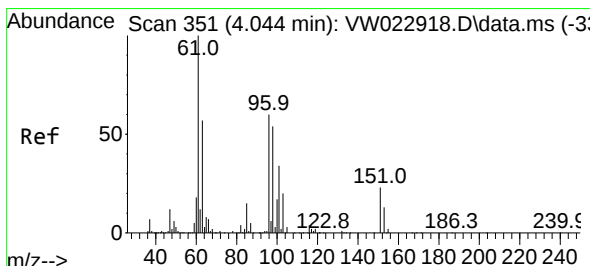
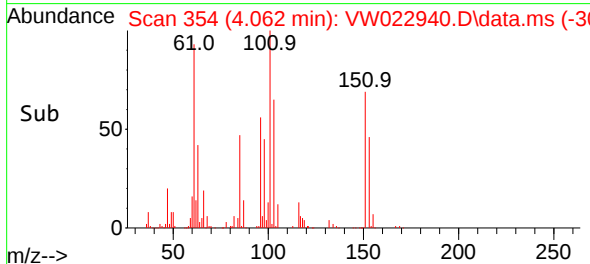
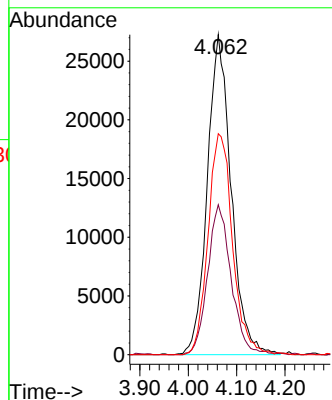
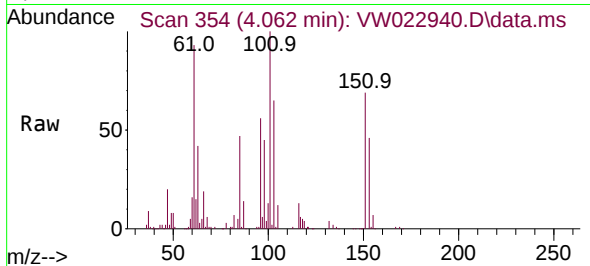




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 20.620 ug/L
 RT: 4.062 min Scan# 310
 Delta R.T. -0.006 min
 Lab File: VW022940.D
 Acq: 09 May 2022 19:17

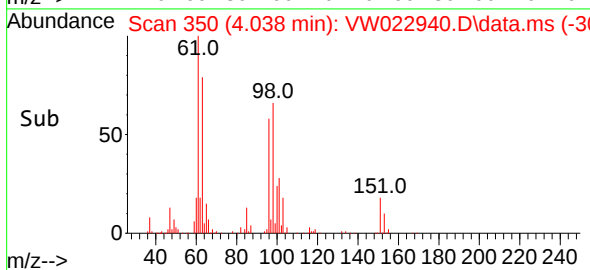
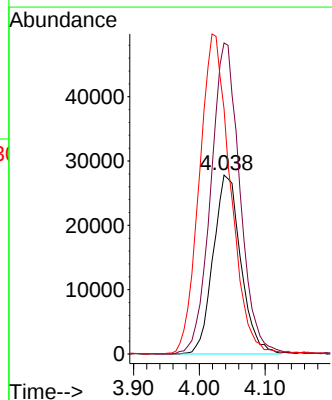
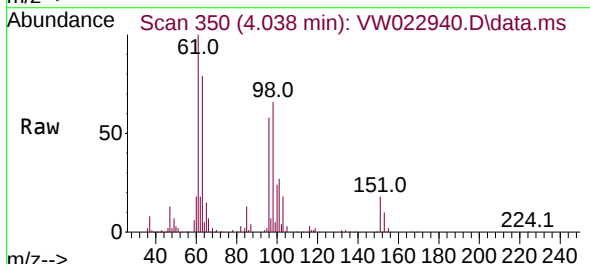
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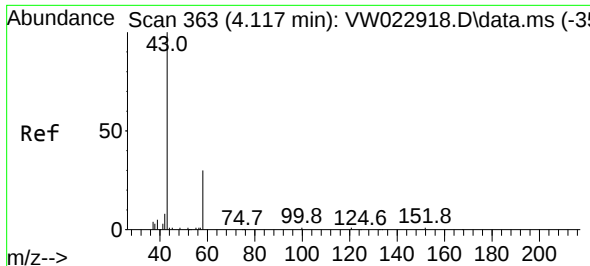
Tgt Ion	Ratio	Lower	Upper
101	100		
85	45.9	34.3	51.5
151	70.6	54.2	81.2



#12
 1,1-Dichloroethene
 Concen: 20.267 ug/L
 RT: 4.038 min Scan# 350
 Delta R.T. -0.006 min
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Tgt Ion	Ratio	Lower	Upper
96	100		
61	173.9	125.7	233.5
63	137.0	83.4	155.0

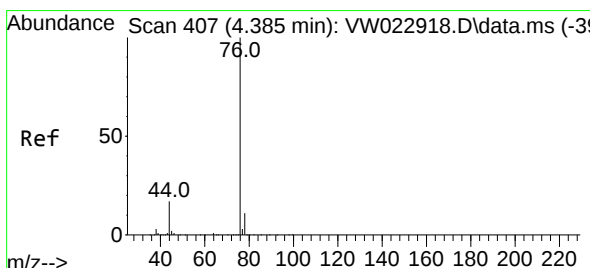
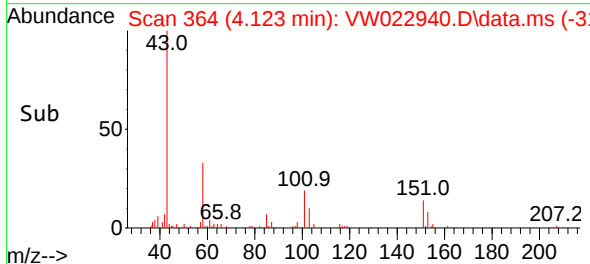
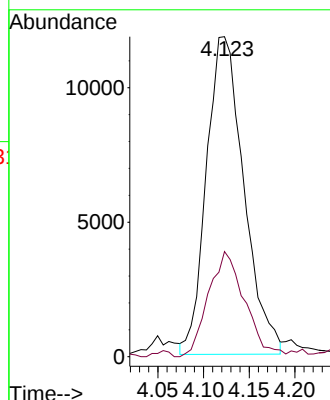
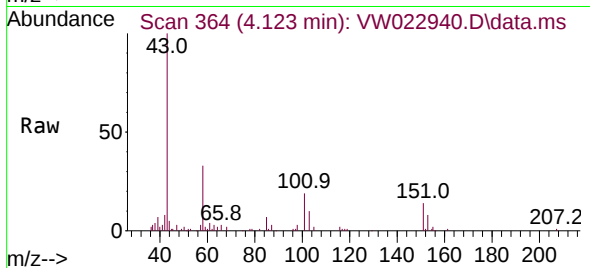




#13
Acetone
Concen: 36.844 ug/L
RT: 4.123 min Scan# 364
Delta R.T. 0.006 min
Lab File: VW022940.D
Acq: 09 May 2022 19:17

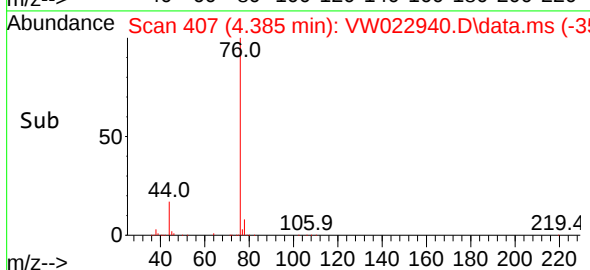
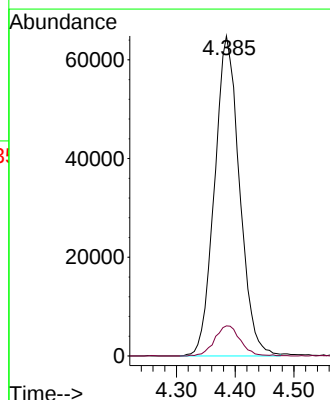
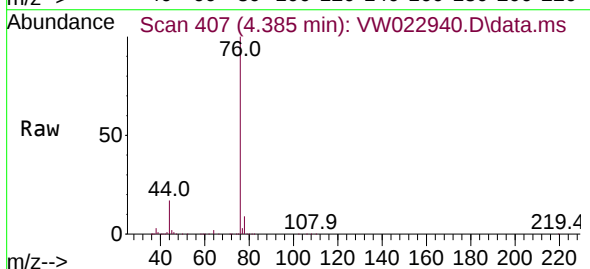
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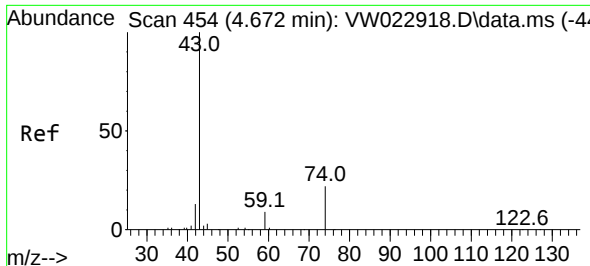
Tgt Ion: 43 Resp: 33667
Ion Ratio Lower Upper
43 100
58 32.0 0.0 64.0



#14
Carbon disulfide
Concen: 17.430 ug/L
RT: 4.385 min Scan# 407
Delta R.T. -0.000 min
Lab File: VW022940.D
Acq: 09 May 2022 19:17

Tgt Ion: 76 Resp: 191495
Ion Ratio Lower Upper
76 100
78 9.4 7.7 11.5

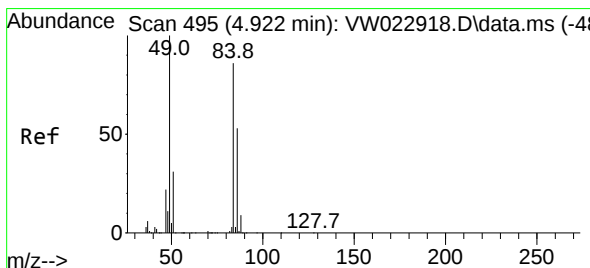
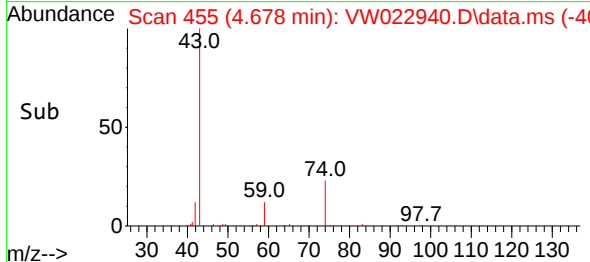
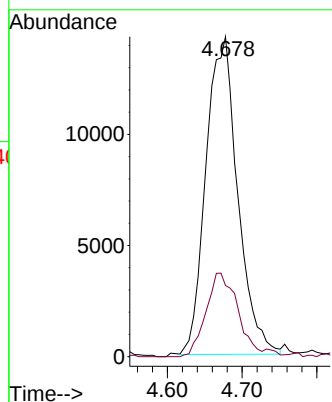
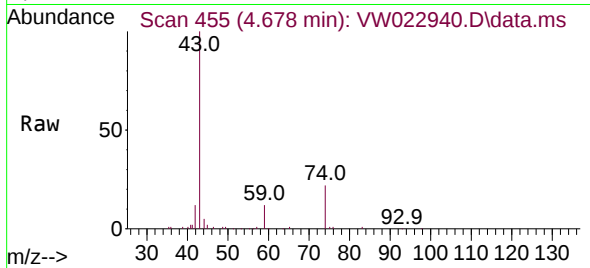




#15
Methyl Acetate
Concen: 22.996 ug/L
RT: 4.678 min Scan# 41
Delta R.T. 0.006 min
Lab File: VW022940.D
Acq: 09 May 2022 19:17

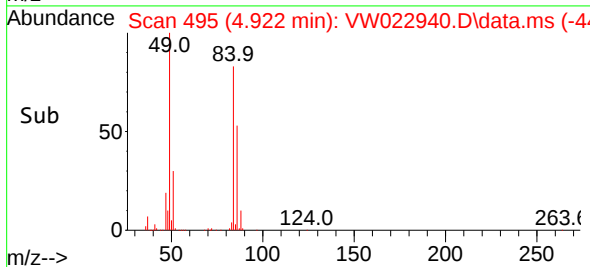
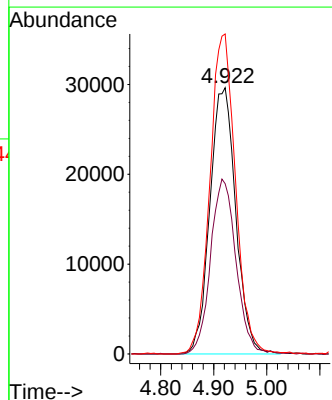
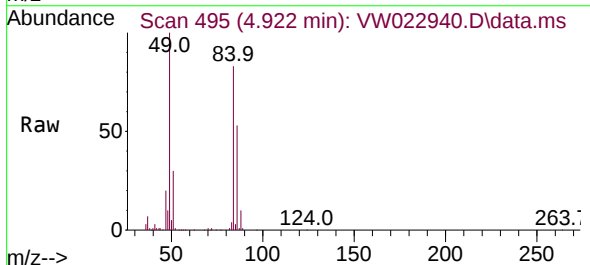
Instrument :
MSVOA_W
ClientSampleId :
VSTD025523

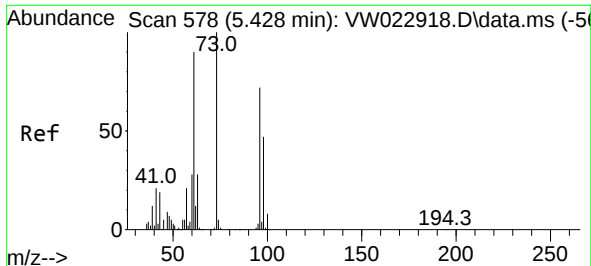
Tgt Ion: 43 Resp: 42215
Ion Ratio Lower Upper
43 100
74 26.2 21.9 32.9



#16
Methylene chloride
Concen: 21.977 ug/L
RT: 4.922 min Scan# 495
Delta R.T. -0.000 min
Lab File: VW022940.D
Acq: 09 May 2022 19:17

Tgt Ion: 84 Resp: 100618
Ion Ratio Lower Upper
84 100
86 63.9 45.4 84.4
49 120.2 82.5 153.1





#17

trans-1,2-Dichloroethene

Concen: 20.798 ug/L

RT: 5.421 min Scan# 577

Delta R.T. -0.006 min

Lab File: VW022940.D

Acq: 09 May 2022 19:17

Instrument :

MSVOA_W

ClientSampleId :

VSTD025523

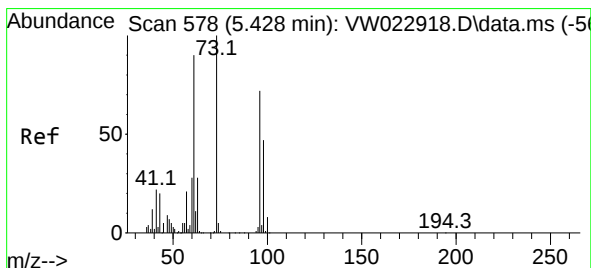
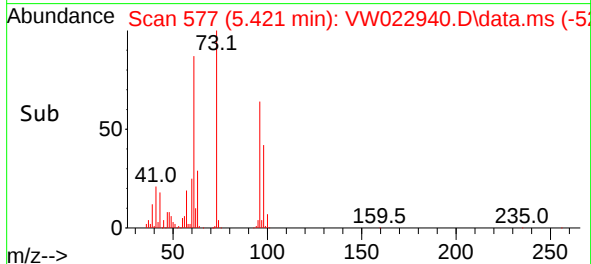
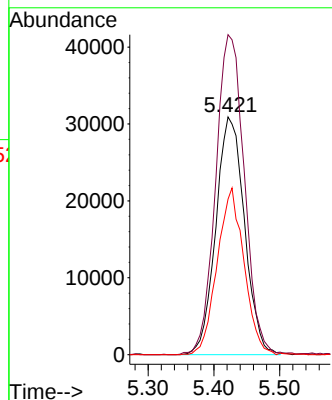
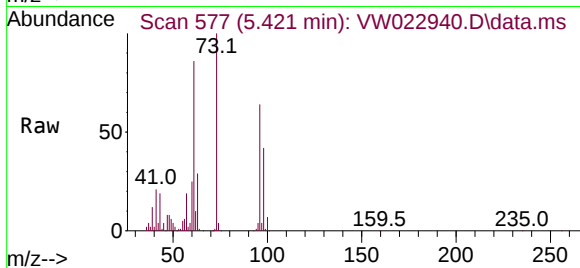
Tgt Ion: 96 Resp: 93791

Ion Ratio Lower Upper

96 100

61 134.6 92.2 171.2

98 65.4 42.9 79.7



#18

Methyl tert-butyl Ether

Concen: 24.251 ug/L

RT: 5.421 min Scan# 577

Delta R.T. -0.006 min

Lab File: VW022940.D

Acq: 09 May 2022 19:17

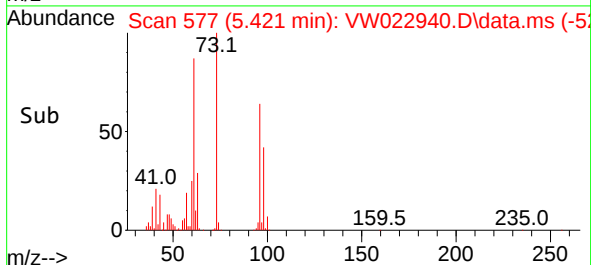
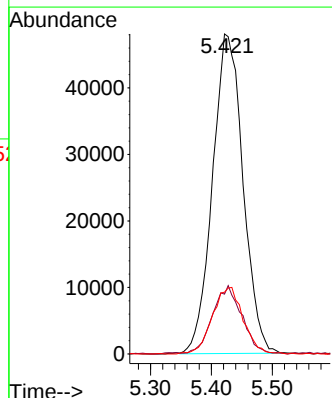
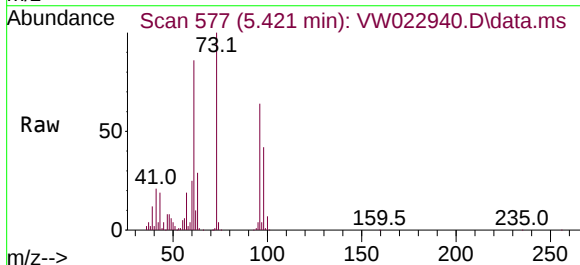
Tgt Ion: 73 Resp: 166948

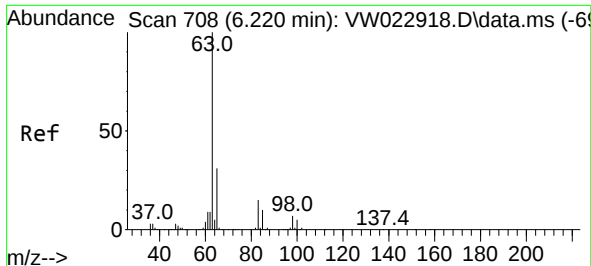
Ion Ratio Lower Upper

73 100

43 20.1 15.9 23.9

57 21.0 16.5 24.7





#19

1,1-Dichloroethane

Concen: 23.421 ug/L

RT: 6.220 min Scan# 708

Delta R.T. -0.000 min

Lab File: VW022940.D

Acq: 09 May 2022 19:17

Instrument :

MSVOA_W

ClientSampleId :

VSTD025523

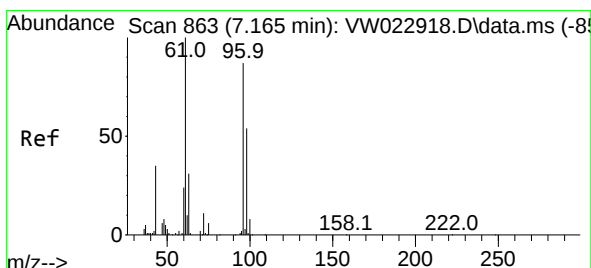
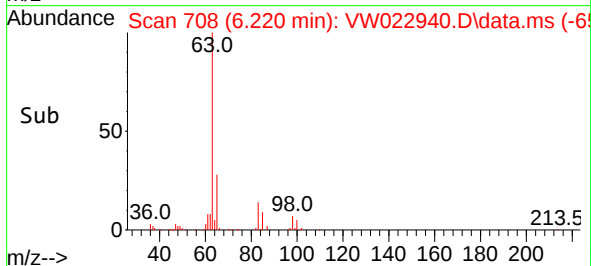
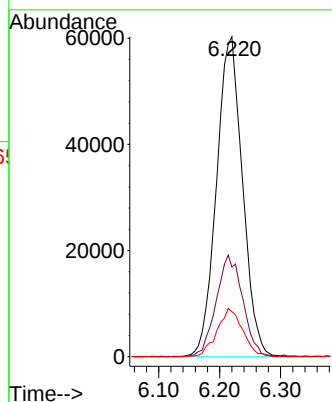
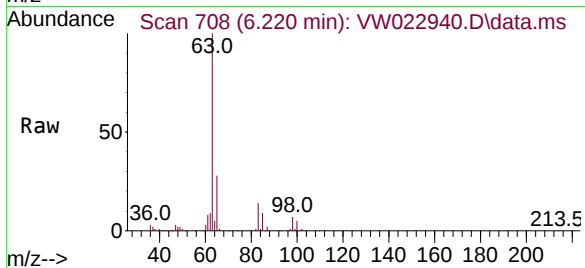
Tgt Ion: 63 Resp: 179012

Ion Ratio Lower Upper

63 100

65 28.0 23.3 43.3

83 14.1 11.1 20.5



#20

cis-1,2-Dichloroethene

Concen: 23.104 ug/L

RT: 7.171 min Scan# 864

Delta R.T. 0.006 min

Lab File: VW022940.D

Acq: 09 May 2022 19:17

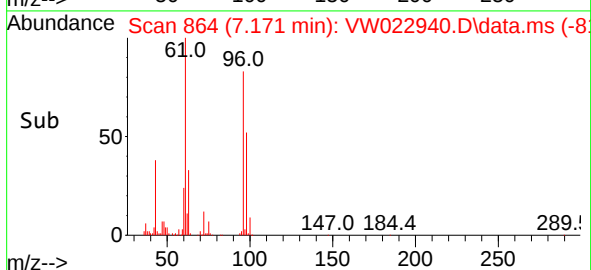
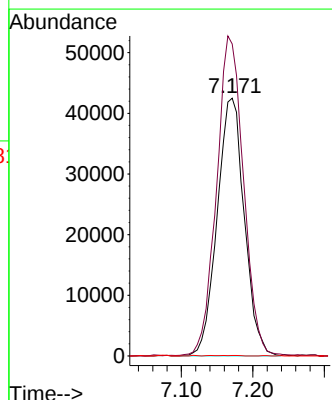
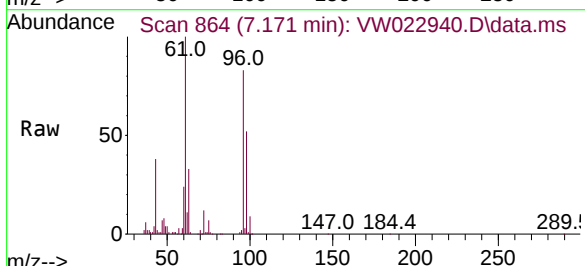
Tgt Ion: 96 Resp: 111909

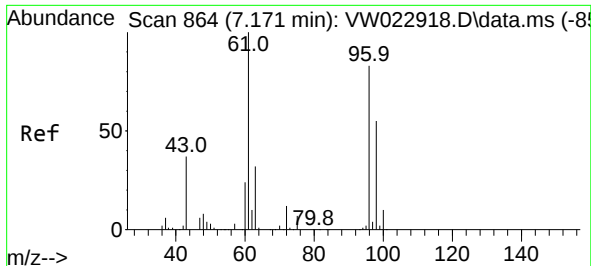
Ion Ratio Lower Upper

96 100

61 121.0 84.2 156.4

68 0.2 0.1 0.1#

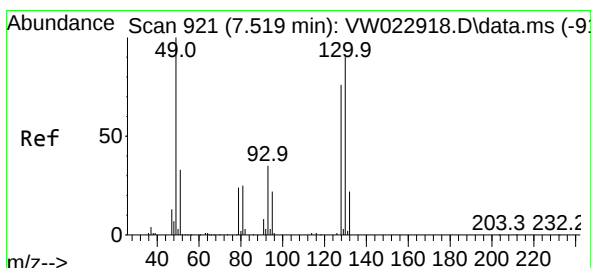
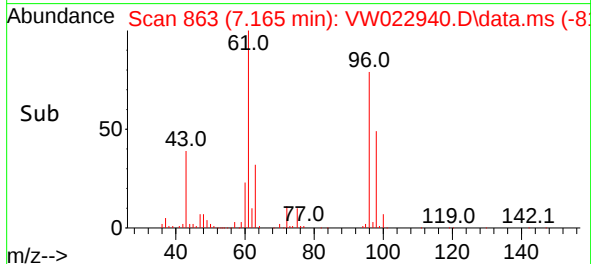
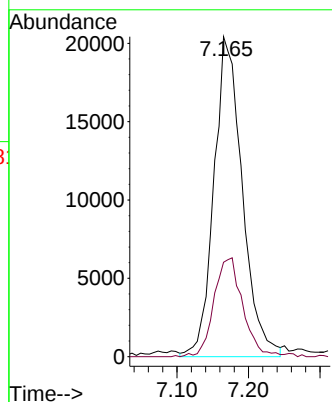
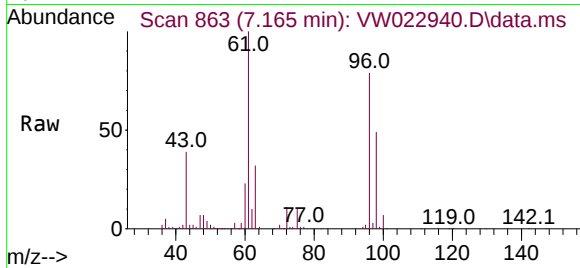




#22
2-Butanone
Concen: 44.028 ug/L
RT: 7.165 min Scan# 863
Delta R.T. -0.006 min
Lab File: VW022940.D
Acq: 09 May 2022 19:17

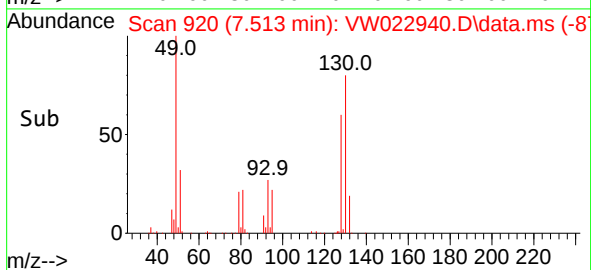
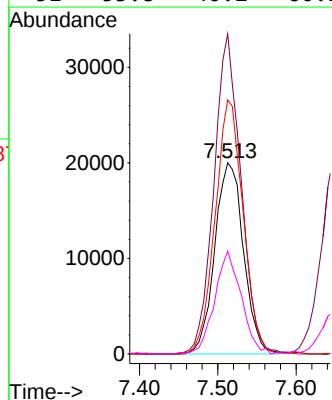
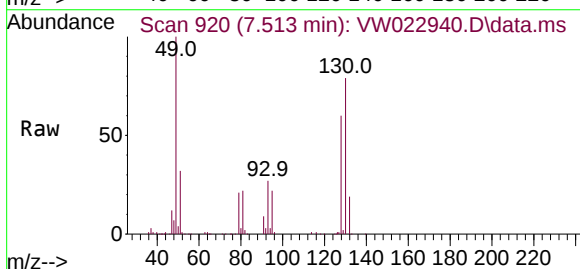
Instrument :
MSVOA_W
ClientSampleId :
VSTD025523

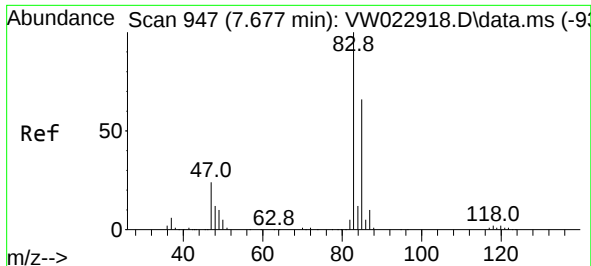
Tgt Ion: 43 Resp: 56264
Ion Ratio Lower Upper
43 100
72 30.9 15.1 45.3



#23
Bromochloromethane
Concen: 22.512 ug/L
RT: 7.513 min Scan# 920
Delta R.T. -0.006 min
Lab File: VW022940.D
Acq: 09 May 2022 19:17

Tgt Ion: 128 Resp: 51067
Ion Ratio Lower Upper
128 100
49 167.4 110.0 204.4
130 132.9 94.8 176.0
51 53.8 40.2 60.2

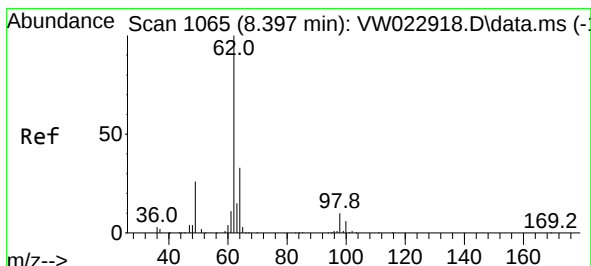
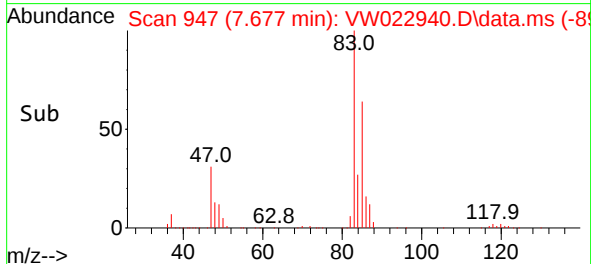
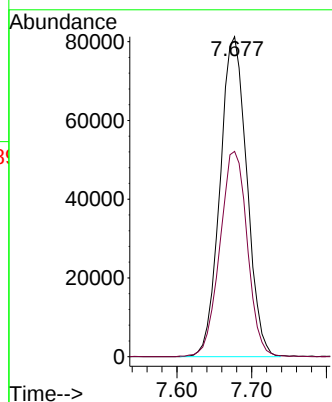
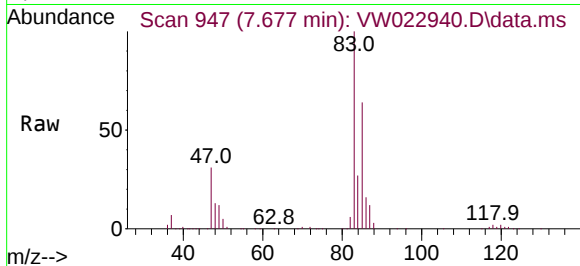




#25
Chloroform
Concen: 23.969 ug/L
RT: 7.677 min Scan# 947
Delta R.T. -0.000 min
Lab File: VW022940.D
Acq: 09 May 2022 19:17

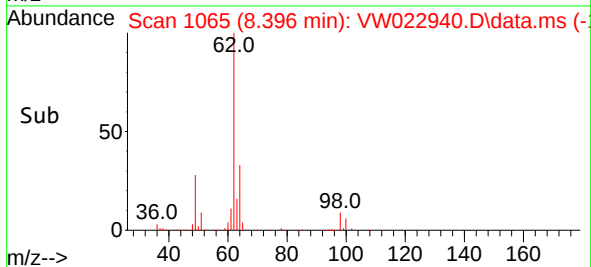
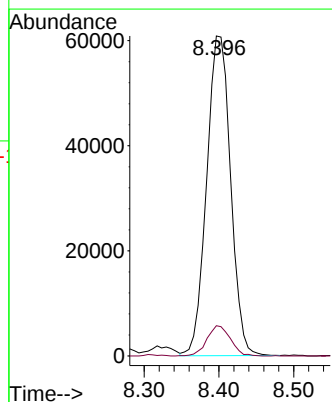
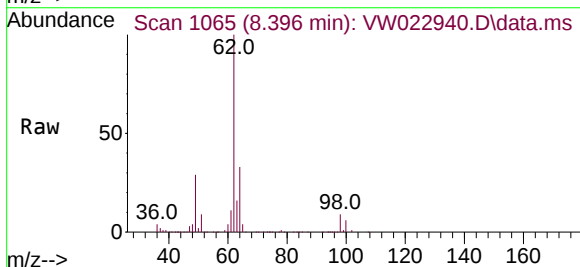
Instrument :
MSVOA_W
ClientSampleId :
VSTD025523

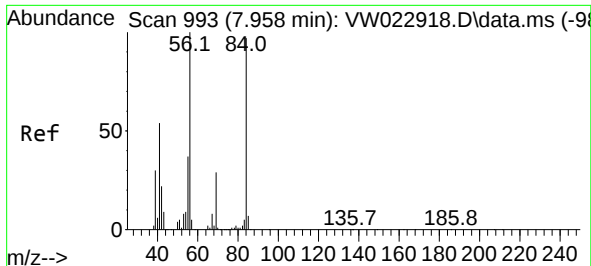
Tgt Ion: 83 Resp: 202570
Ion Ratio Lower Upper
83 100
85 64.2 46.6 86.6



#27
1,2-Dichloroethane
Concen: 24.067 ug/L
RT: 8.396 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VW022940.D
Acq: 09 May 2022 19:17

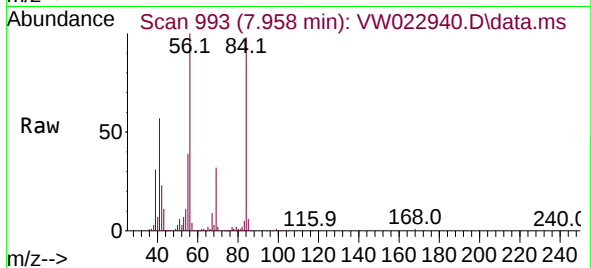
Tgt Ion: 62 Resp: 135585
Ion Ratio Lower Upper
62 100
98 9.5 7.2 10.8



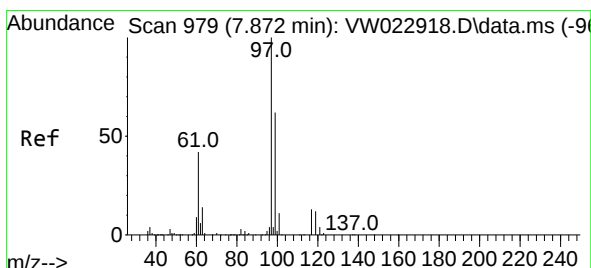
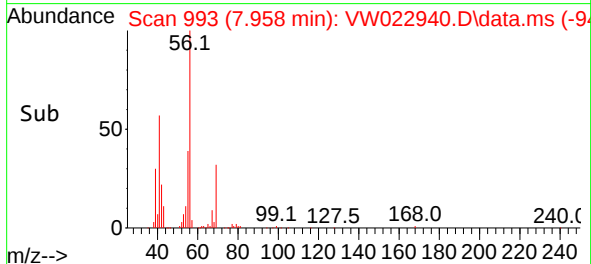
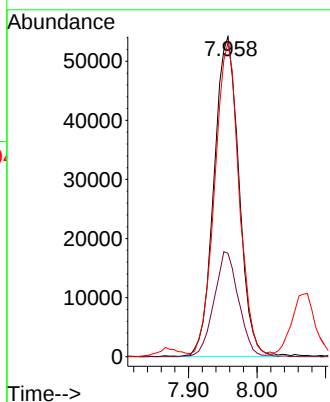


#29
Cyclohexane
Concen: 20.028 ug/L
RT: 7.958 min Scan# 993
Delta R.T. -0.000 min
Lab File: VW022940.D
Acq: 09 May 2022 19:17

Instrument :
MSVOA_W
ClientSampleId :
VSTD025523

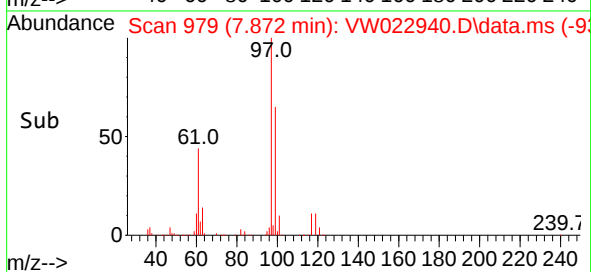
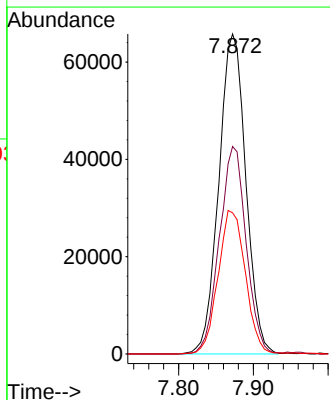
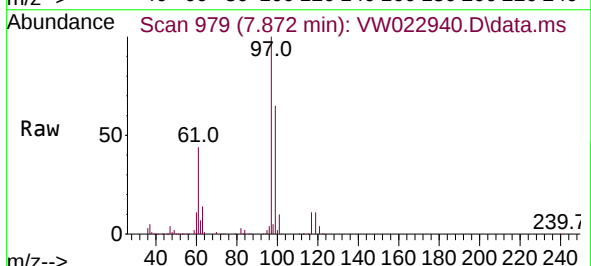


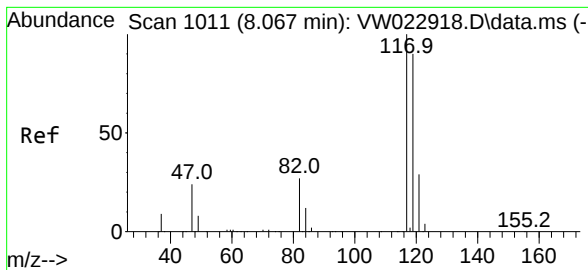
Tgt Ion: 56 Resp: 136632
Ion Ratio Lower Upper
56 100
69 31.8 25.6 38.4
84 96.1 78.2 117.4



#30
1,1,1-Trichloroethane
Concen: 22.210 ug/L
RT: 7.872 min Scan# 979
Delta R.T. -0.000 min
Lab File: VW022940.D
Acq: 09 May 2022 19:17

Tgt Ion: 97 Resp: 165566
Ion Ratio Lower Upper
97 100
99 64.2 51.0 76.4
61 45.2 34.8 52.2

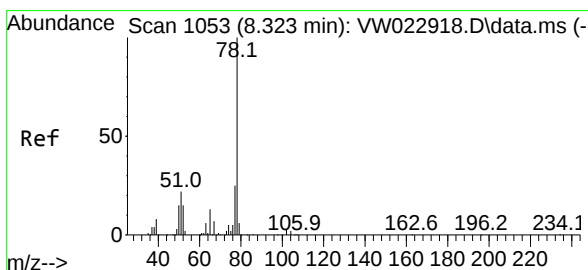
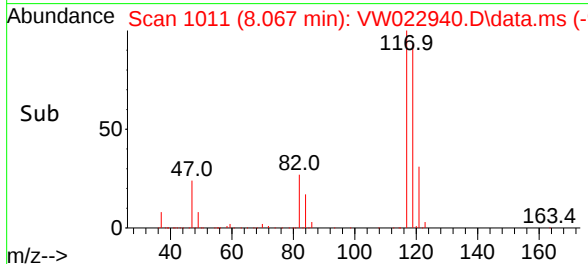
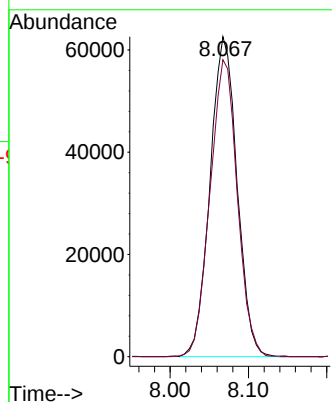
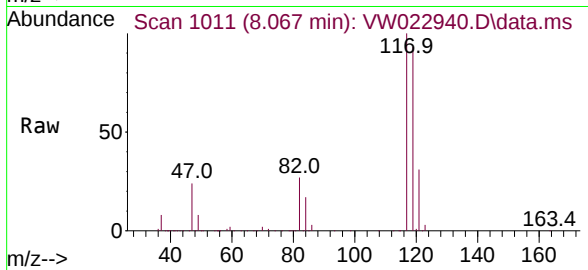




#31
Carbon tetrachloride
Concen: 21.491 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.000 min
Lab File: VW022940.D
Acq: 09 May 2022 19:17

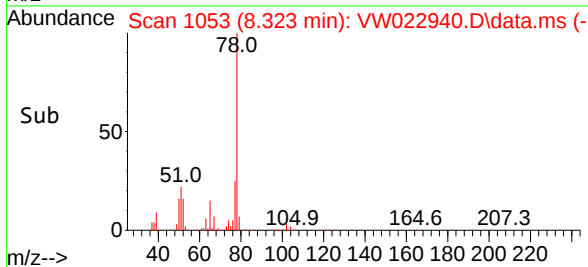
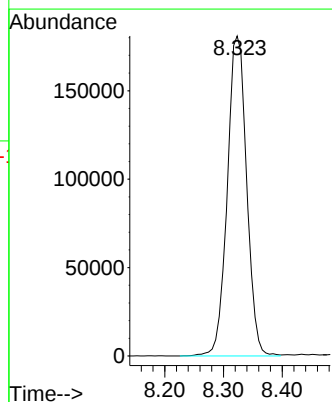
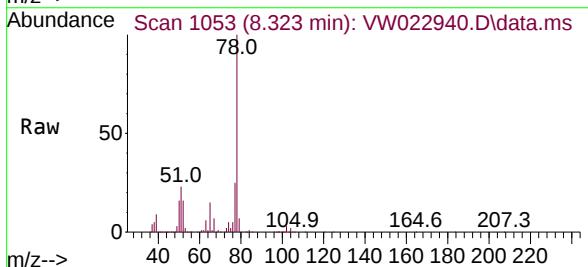
Instrument :
MSVOA_W
ClientSampleId :
VSTD025523

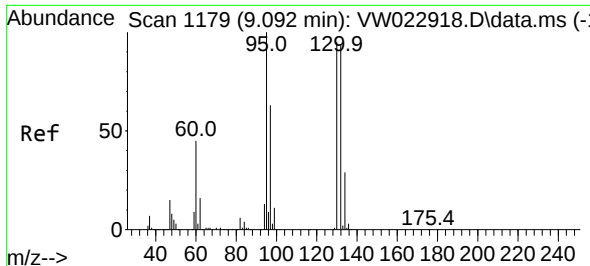
Tgt Ion:117 Resp: 149857
Ion Ratio Lower Upper
117 100
119 93.8 76.6 115.0



#33
Benzene
Concen: 22.316 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW022940.D
Acq: 09 May 2022 19:17

Tgt Ion: 78 Resp: 414703





#34

Trichloroethene

Concen: 21.591 ug/L

RT: 9.091 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VW022940.D

Acq: 09 May 2022 19:17

Instrument :

MSVOA_W

ClientSampleId :

VSTD025523

Tgt Ion: 95 Resp: 110343

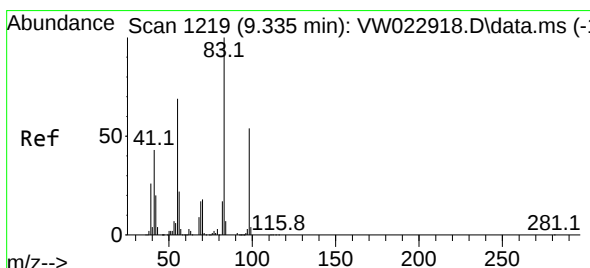
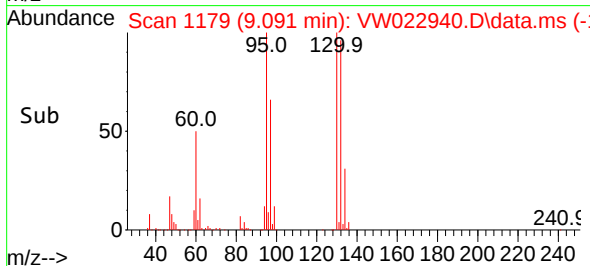
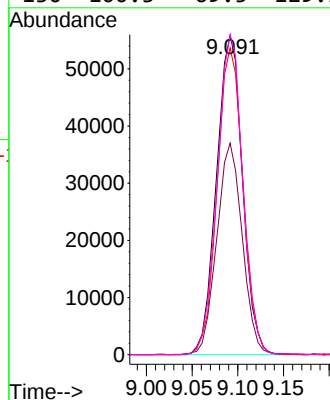
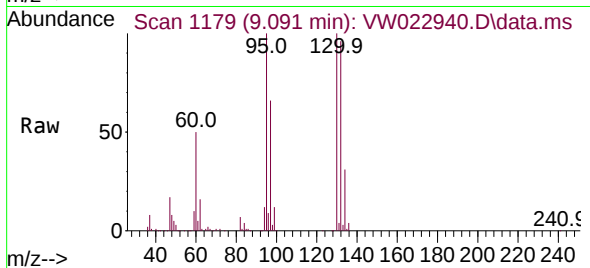
Ion Ratio Lower Upper

95 100

97 66.3 46.1 85.7

132 96.1 66.9 124.3

130 100.3 69.5 129.1



#35

Methylcyclohexane

Concen: 20.013 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VW022940.D

Acq: 09 May 2022 19:17

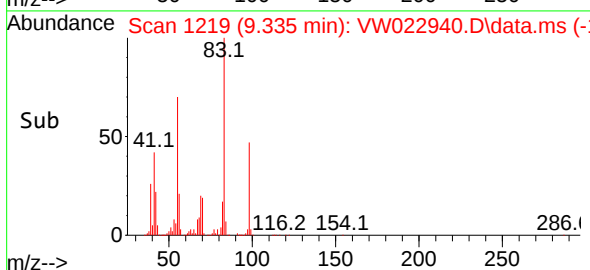
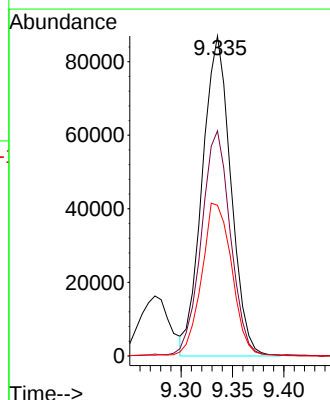
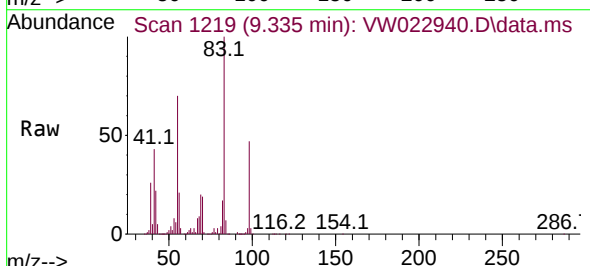
Tgt Ion: 83 Resp: 168017

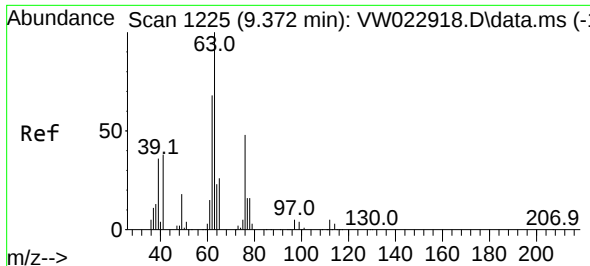
Ion Ratio Lower Upper

83 100

55 72.1 55.1 82.7

98 50.5 40.4 60.6





#37

1,2-Dichloropropane

Concen: 23.108 ug/L

RT: 9.366 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW022940.D

Acq: 09 May 2022 19:17

Instrument :

MSVOA_W

ClientSampleId :

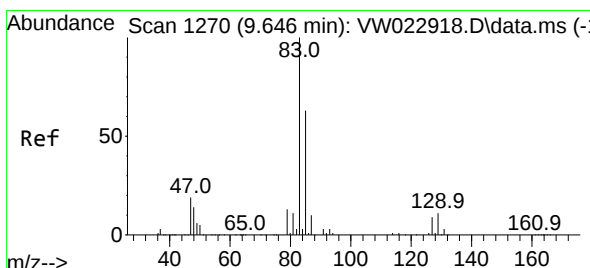
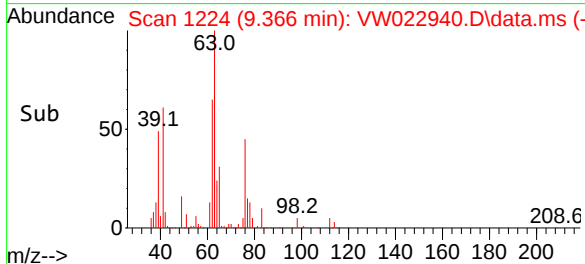
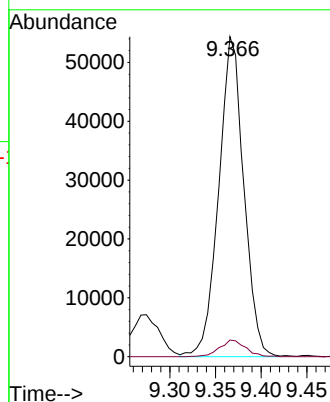
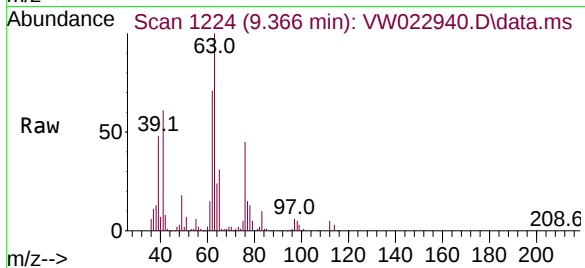
VSTD025523

Tgt Ion: 63 Resp: 103915

Ion Ratio Lower Upper

63 100

112 5.4 3.8 5.8



#38

Bromodichloromethane

Concen: 23.609 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. -0.000 min

Lab File: VW022940.D

Acq: 09 May 2022 19:17

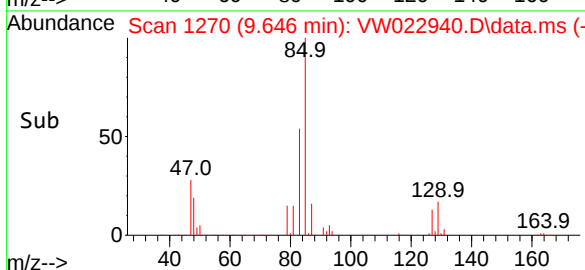
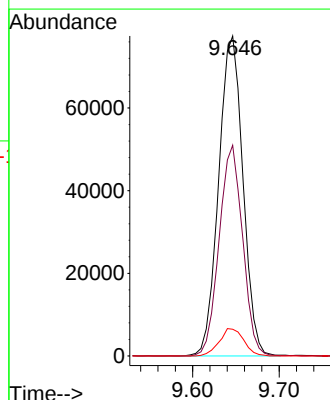
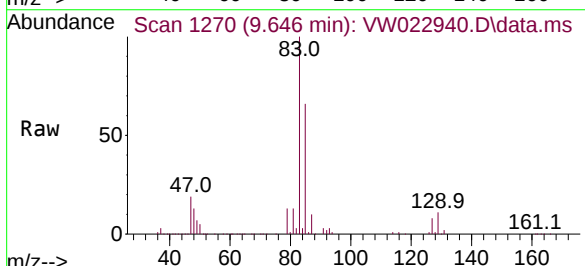
Tgt Ion: 83 Resp: 150799

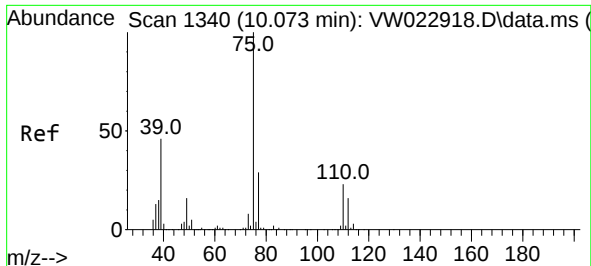
Ion Ratio Lower Upper

83 100

85 65.8 43.5 80.7

127 8.3 7.1 10.7

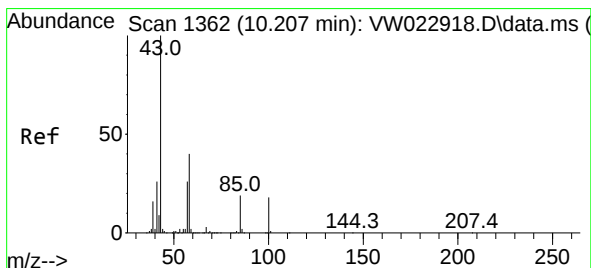
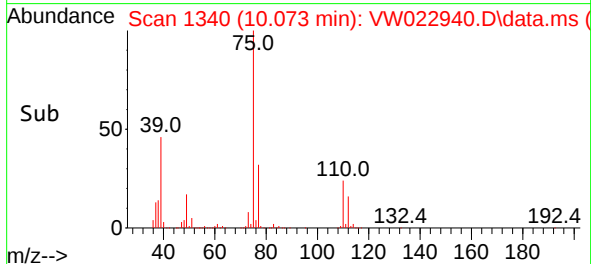
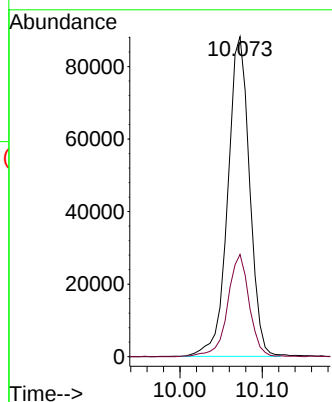
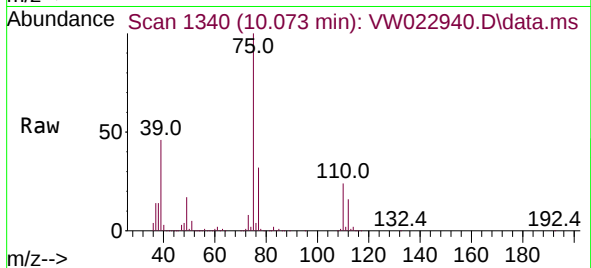




#39
 cis-1,3-Dichloropropene
 Concen: 23.271 ug/L
 RT: 10.073 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VW022940.D
 Acq: 09 May 2022 19:17

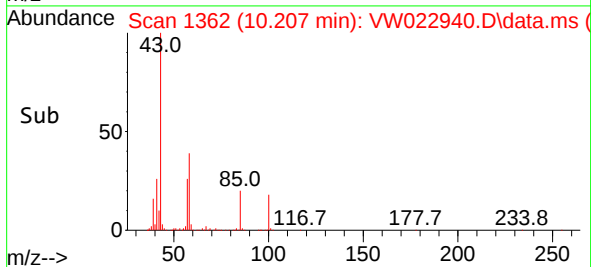
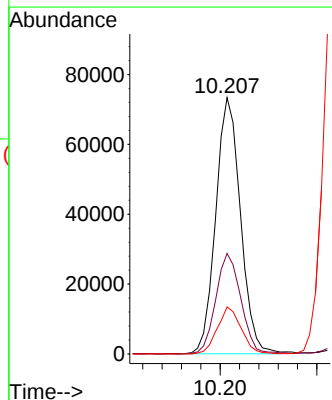
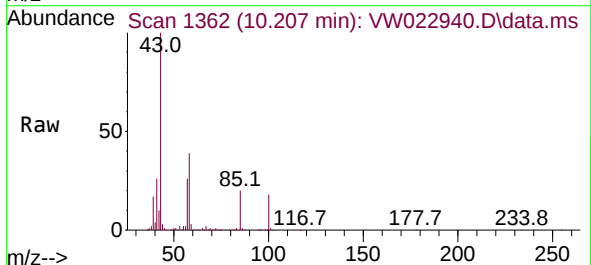
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025523

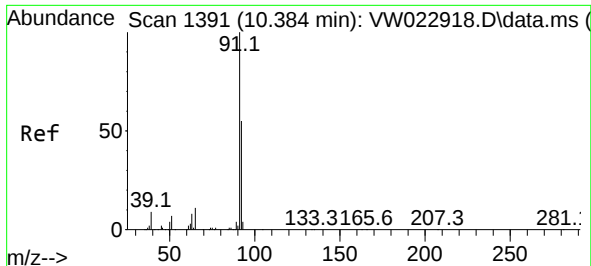
Tgt Ion: 75 Resp: 162266
 Ion Ratio Lower Upper
 75 100
 77 32.0 22.1 41.1



#40
 4-Methyl-2-pentanone
 Concen: 45.900 ug/L
 RT: 10.207 min Scan# 1362
 Delta R.T. -0.000 min
 Lab File: VW022940.D
 Acq: 09 May 2022 19:17

Tgt Ion: 43 Resp: 130102
 Ion Ratio Lower Upper
 43 100
 58 39.9 31.4 47.2
 100 17.8 14.2 21.4





#42

Toluene

Concen: 22.711 ug/L

RT: 10.384 min Scan# 1391

Delta R.T. -0.000 min

Lab File: VW022940.D

Acq: 09 May 2022 19:17

Instrument :

MSVOA_W

ClientSampleId :

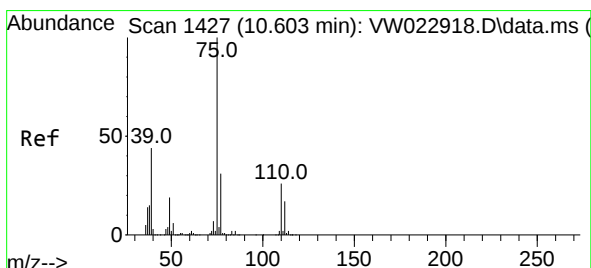
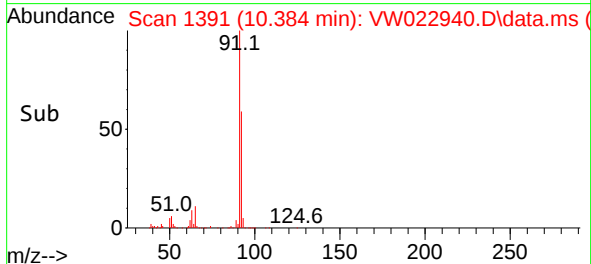
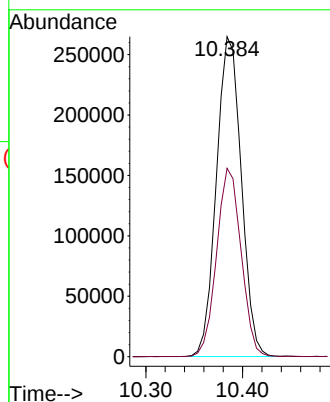
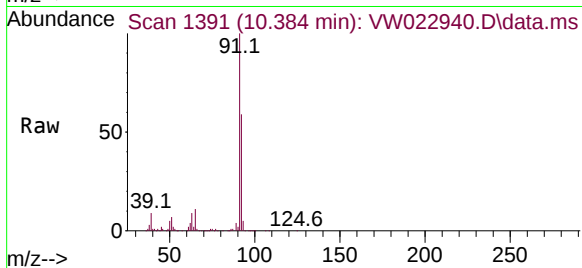
VSTD025523

Tgt Ion: 91 Resp: 472964

Ion Ratio Lower Upper

91 100

92 58.8 41.6 77.2



#44

trans-1,3-Dichloropropene

Concen: 23.035 ug/L

RT: 10.603 min Scan# 1427

Delta R.T. -0.000 min

Lab File: VW022940.D

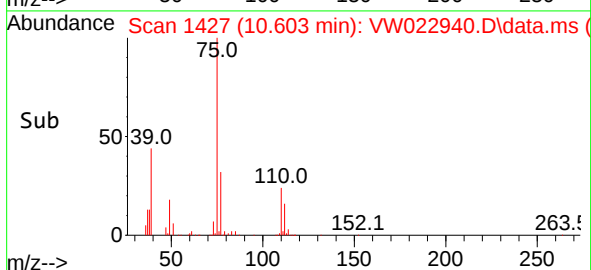
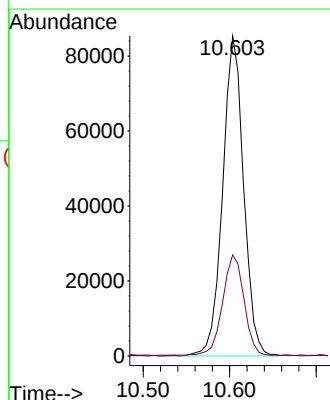
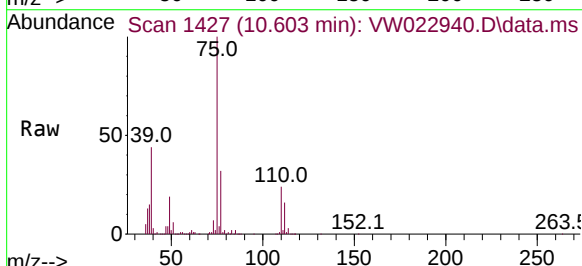
Acq: 09 May 2022 19:17

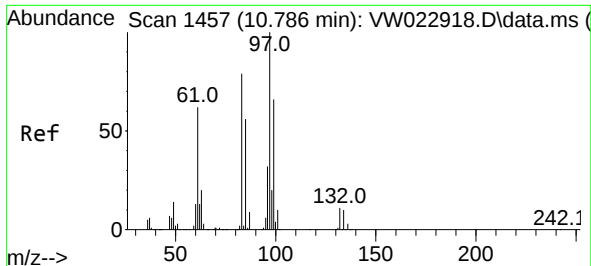
Tgt Ion: 75 Resp: 143363

Ion Ratio Lower Upper

75 100

77 31.6 22.0 40.8





#45

1,1,2-Trichloroethane

Concen: 24.300 ug/L

RT: 10.786 min Scan# 1457

Delta R.T. -0.000 min

Lab File: VW022940.D

Acq: 09 May 2022 19:17

Instrument :

MSVOA_W

ClientSampleId :

VSTD025523

Tgt Ion: 97 Resp: 91350

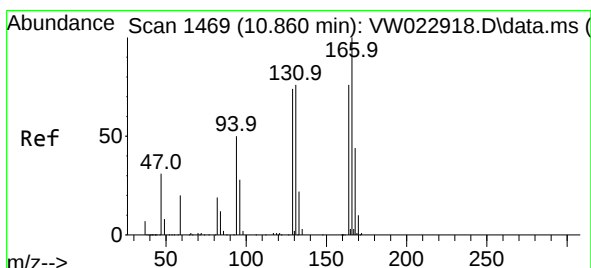
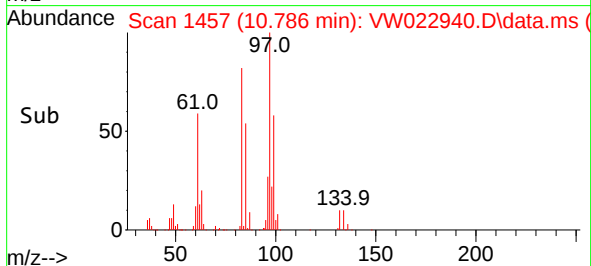
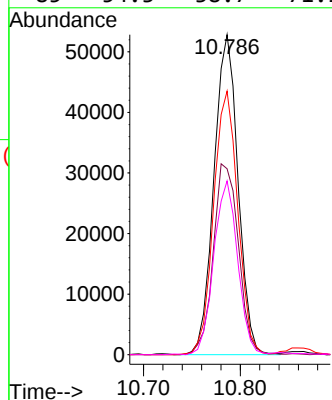
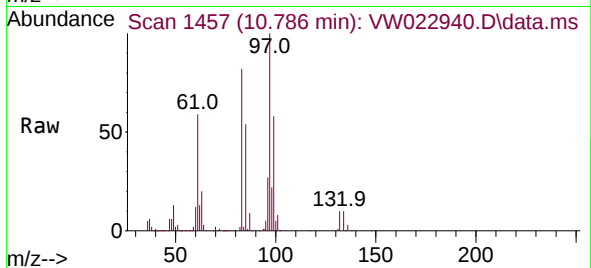
Ion Ratio Lower Upper

97 100

99 58.1 44.7 82.9

83 82.4 58.4 108.4

85 54.3 38.7 71.9



#46

Tetrachloroethene

Concen: 21.322 ug/L

RT: 10.859 min Scan# 1469

Delta R.T. -0.000 min

Lab File: VW022940.D

Acq: 09 May 2022 19:17

Tgt Ion:164 Resp: 81890

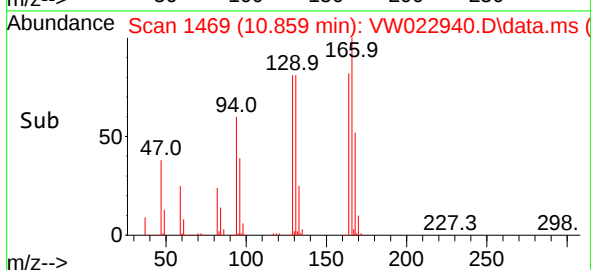
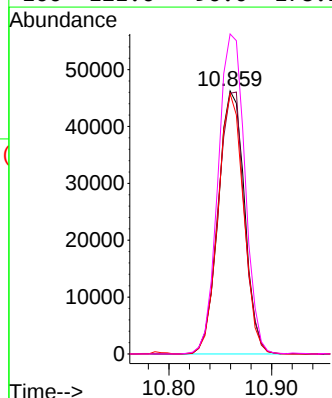
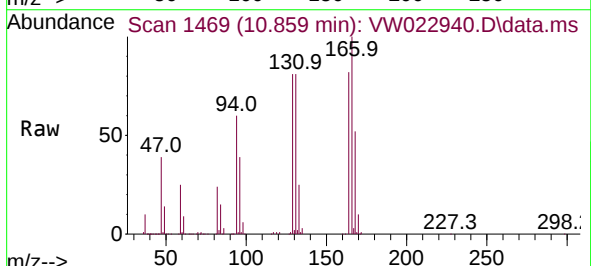
Ion Ratio Lower Upper

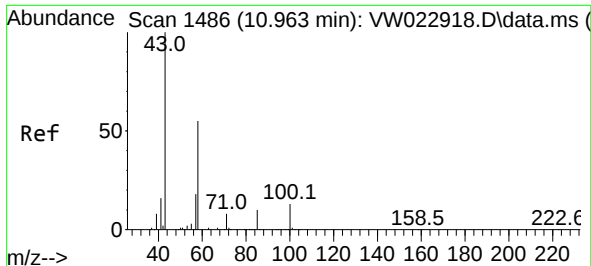
164 100

129 99.1 76.9 142.7

131 98.9 75.1 139.5

166 121.6 96.0 178.2

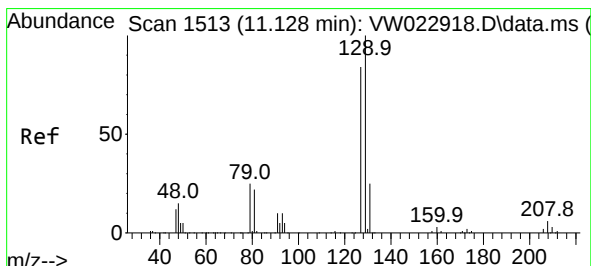
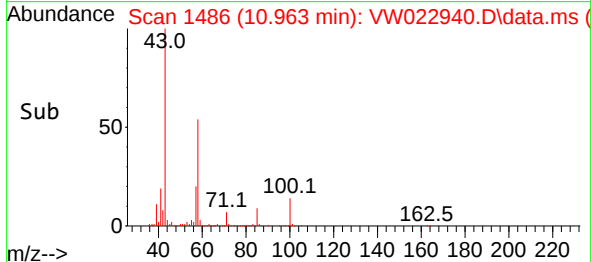
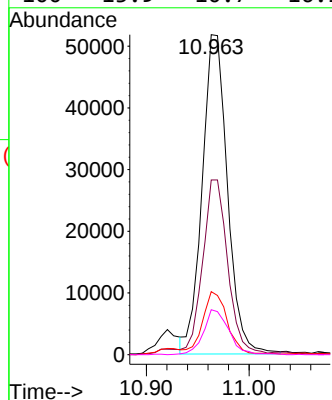
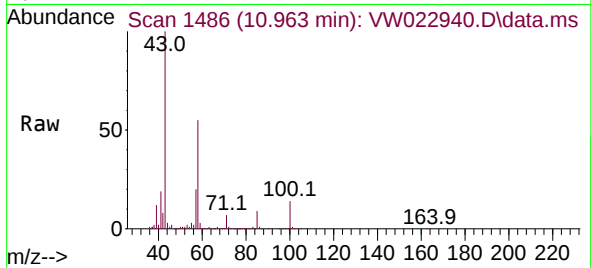




#48
2-Hexanone
Concen: 46.965 ug/L
RT: 10.963 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VW022940.D
Acq: 09 May 2022 19:17

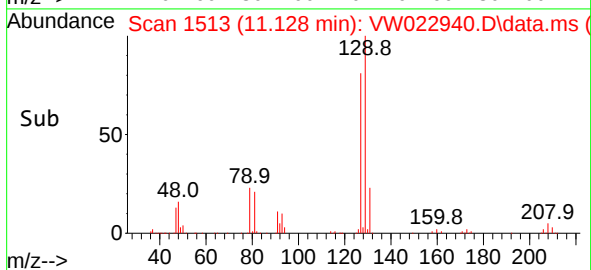
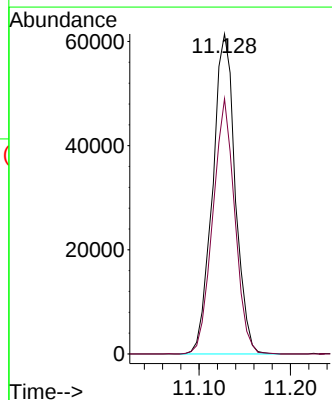
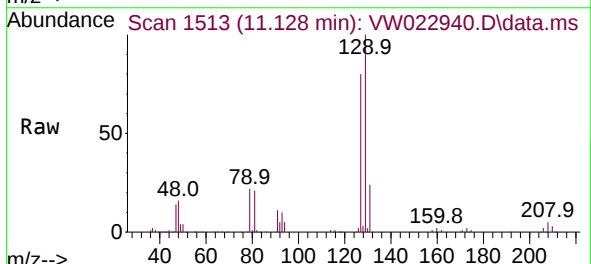
Instrument :
MSVOA_W
ClientSampleId :
VSTD025523

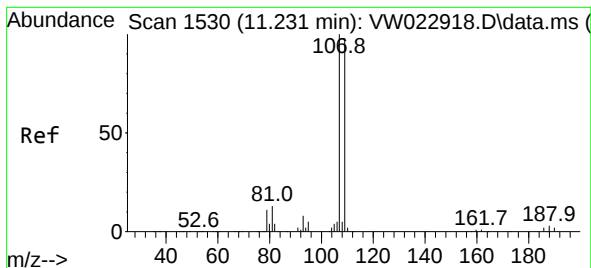
Tgt Ion: 43 Resp: 88945
Ion Ratio Lower Upper
43 100
58 54.0 45.9 68.9
57 19.5 16.2 24.2
100 13.9 10.7 16.1



#49
Dibromochloromethane
Concen: 23.361 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW022940.D
Acq: 09 May 2022 19:17

Tgt Ion: 129 Resp: 105698
Ion Ratio Lower Upper
129 100
127 79.7 53.8 100.0

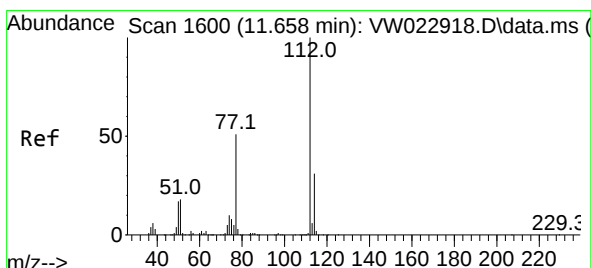
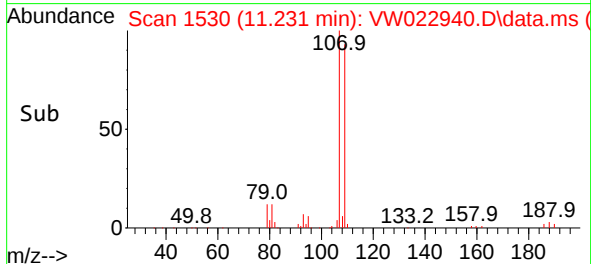
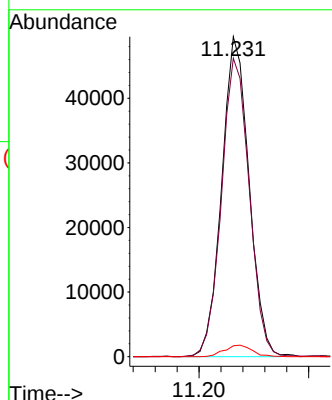
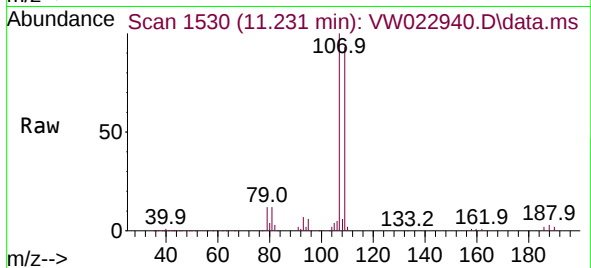




#50
1,2-Dibromoethane
Concen: 22.670 ug/L
RT: 11.231 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW022940.D
Acq: 09 May 2022 19:17

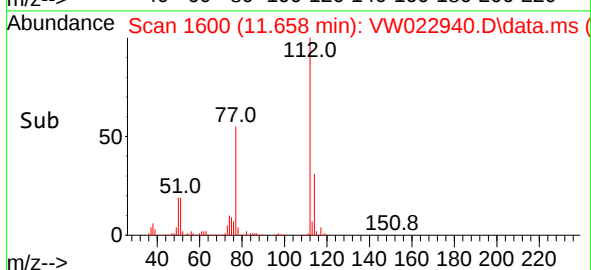
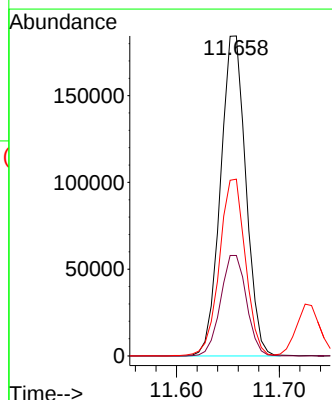
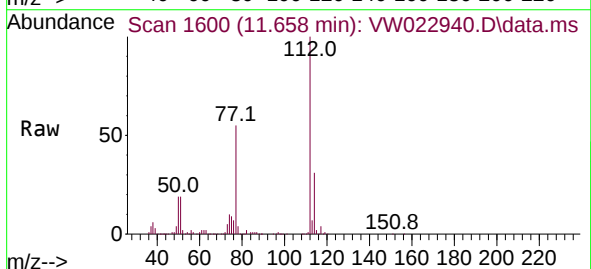
Instrument :
MSVOA_W
ClientSampleId :
VSTD025523

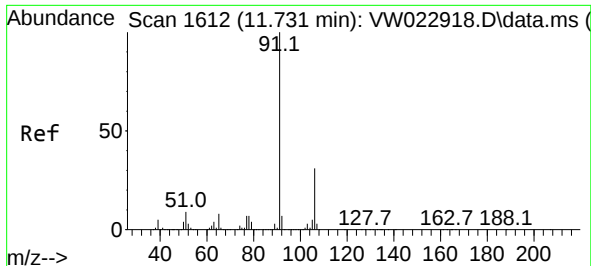
Tgt Ion:107 Resp: 85577
Ion Ratio Lower Upper
107 100
109 93.2 67.5 125.4
188 3.4 2.9 4.3



#51
Chlorobenzene
Concen: 23.005 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VW022940.D
Acq: 09 May 2022 19:17

Tgt Ion:112 Resp: 315854
Ion Ratio Lower Upper
112 100
114 31.4 22.0 41.0
77 55.2 42.6 63.8

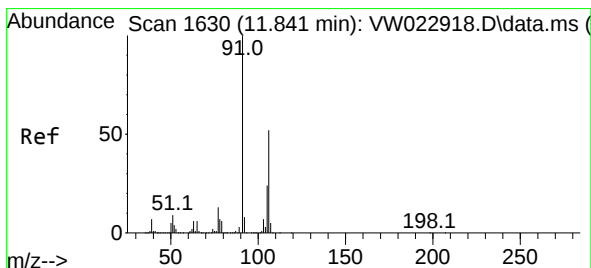
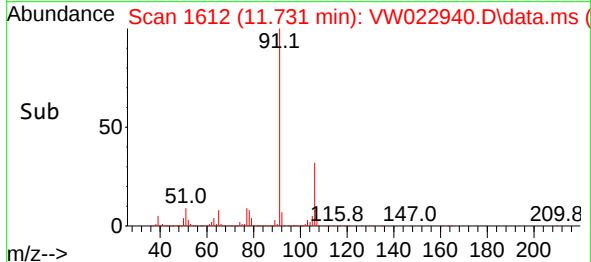
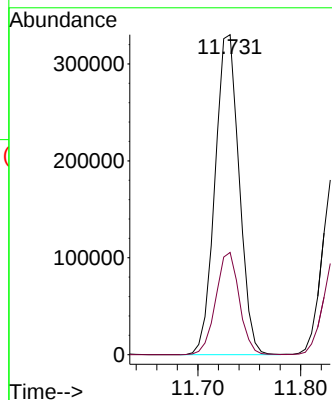
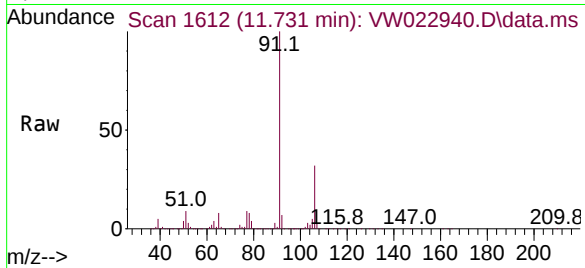




#52
Ethylbenzene
Concen: 23.195 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW022940.D
Acq: 09 May 2022 19:17

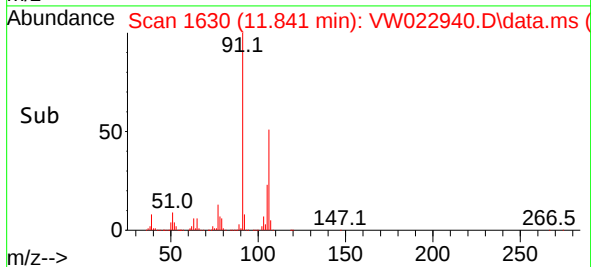
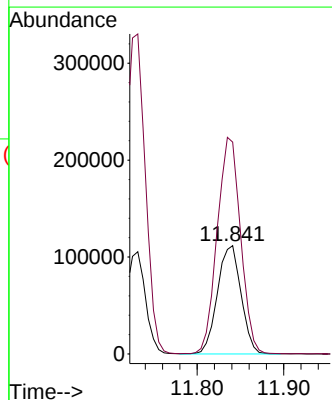
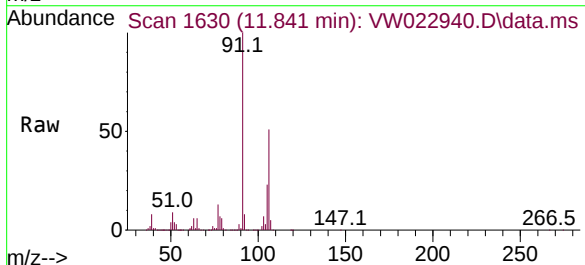
Instrument :
MSVOA_W
ClientSampleId :
VSTD025523

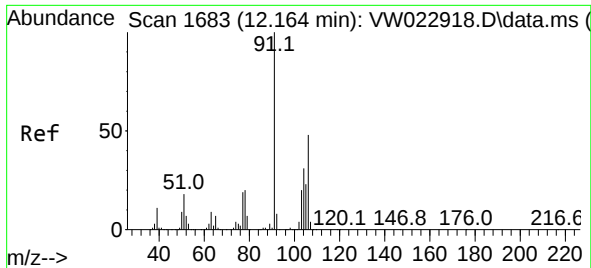
Tgt Ion: 91 Resp: 537404
Ion Ratio Lower Upper
91 100
106 31.9 22.3 41.3



#53
m,p-Xylene
Concen: 23.171 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. -0.000 min
Lab File: VW022940.D
Acq: 09 May 2022 19:17

Tgt Ion: 106 Resp: 211533
Ion Ratio Lower Upper
106 100
91 195.5 136.8 254.0

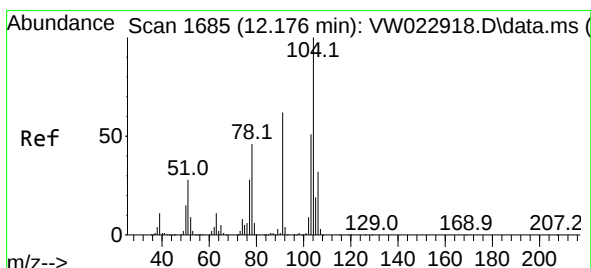
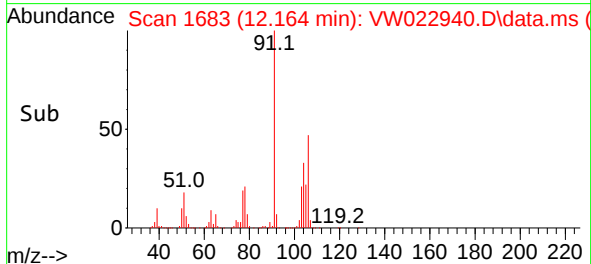
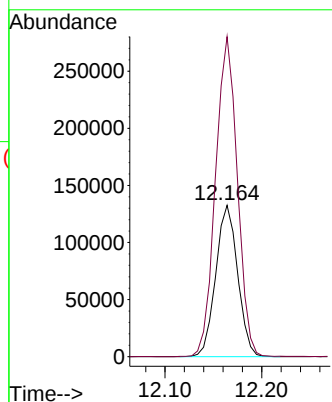
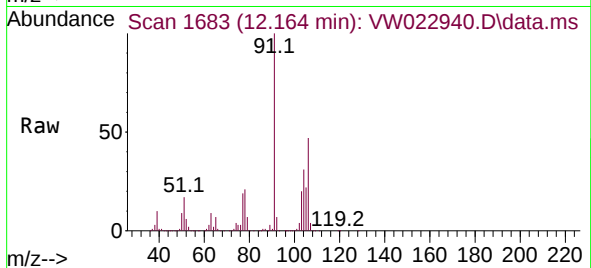




#54
o-Xylene
Concen: 23.789 ug/L
RT: 12.164 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW022940.D
Acq: 09 May 2022 19:17

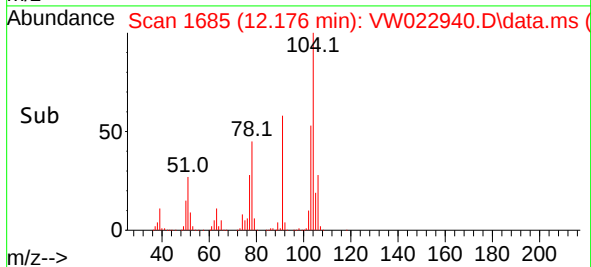
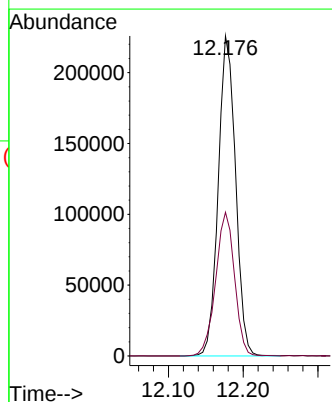
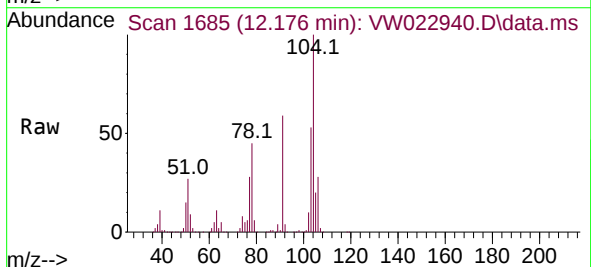
Instrument :
MSVOA_W
ClientSampleId :
VSTD025523

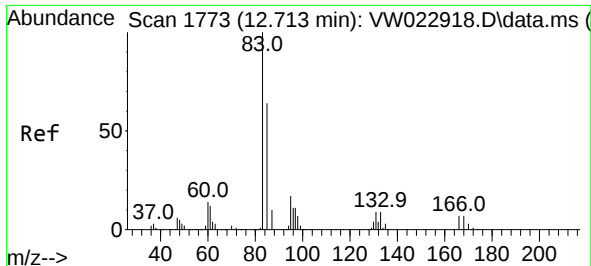
Tgt Ion:106 Resp: 208405
Ion Ratio Lower Upper
106 100
91 211.3 147.2 273.4



#55
Styrene
Concen: 24.486 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VW022940.D
Acq: 09 May 2022 19:17

Tgt Ion:104 Resp: 364497
Ion Ratio Lower Upper
104 100
78 44.9 32.3 59.9





#57

1,1,2,2-Tetrachloroethane

Concen: 23.844 ug/L

RT: 12.713 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW022940.D

Acq: 09 May 2022 19:17

Instrument :

MSVOA_W

ClientSampleId :

VSTD025523

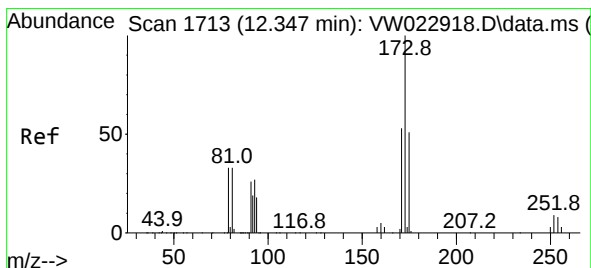
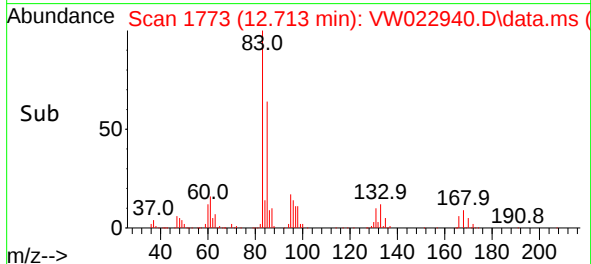
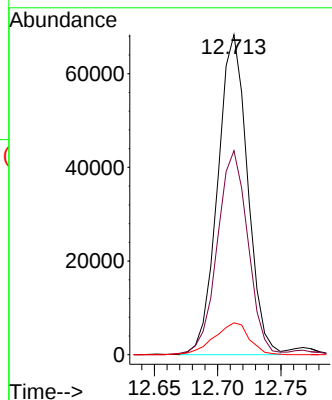
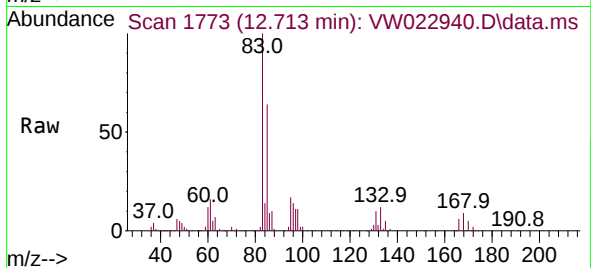
Tgt Ion: 83 Resp: 111960

Ion Ratio Lower Upper

83 100

85 63.7 47.5 88.1

131 10.0 8.7 13.1



#59

Bromoform

Concen: 22.979 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. -0.000 min

Lab File: VW022940.D

Acq: 09 May 2022 19:17

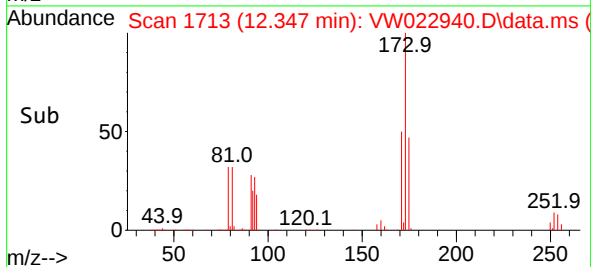
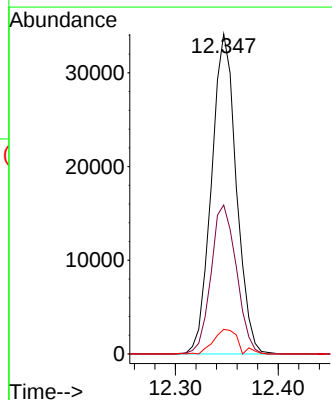
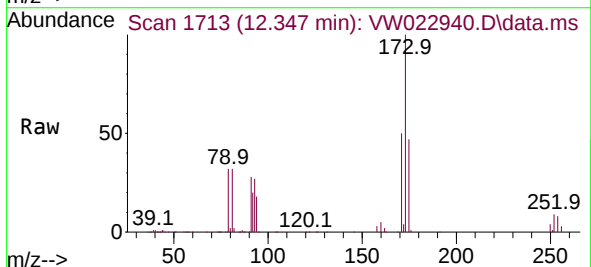
Tgt Ion: 173 Resp: 57281

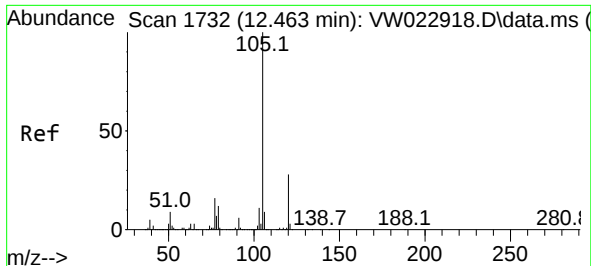
Ion Ratio Lower Upper

173 100

175 47.6 38.1 57.1

254 6.9 6.5 9.7

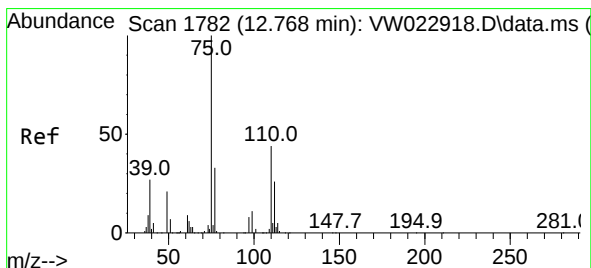
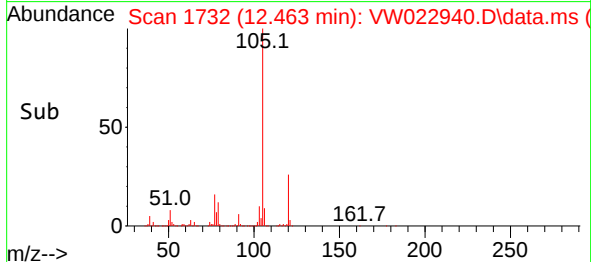
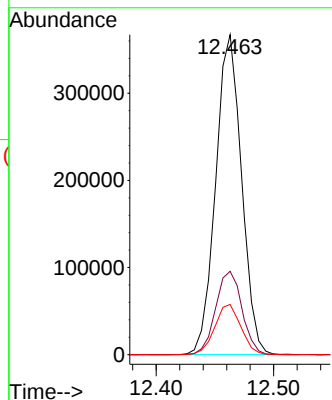
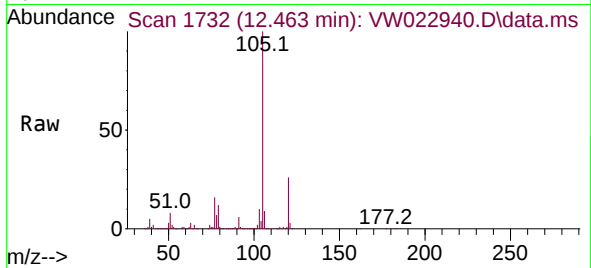




#60
Isopropylbenzene
Concen: 23.312 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW022940.D
Acq: 09 May 2022 19:17

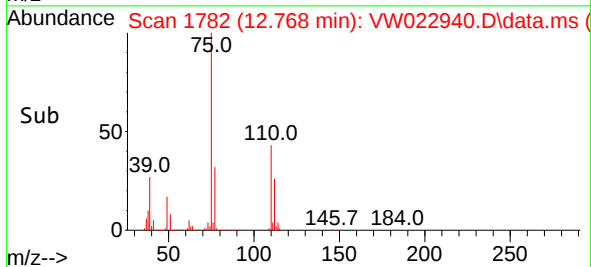
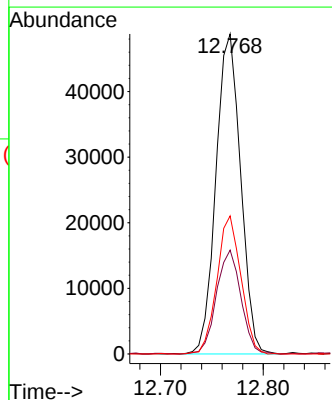
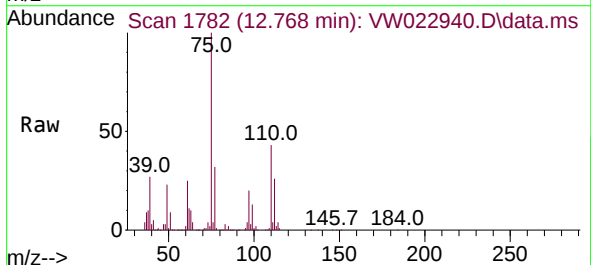
Instrument :
MSVOA_W
ClientSampleId :
VSTD025523

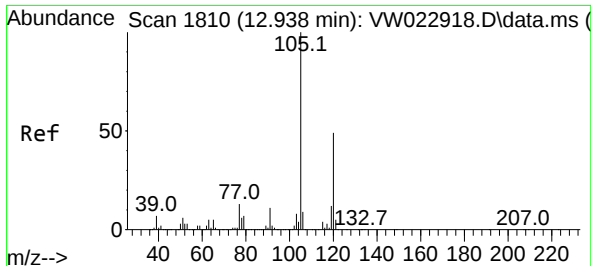
Tgt Ion:105 Resp: 561745
Ion Ratio Lower Upper
105 100
120 26.6 21.3 31.9
77 15.9 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 23.116 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW022940.D
Acq: 09 May 2022 19:17

Tgt Ion: 75 Resp: 81242
Ion Ratio Lower Upper
75 100
77 32.2 26.2 39.2
110 41.9 34.1 51.1

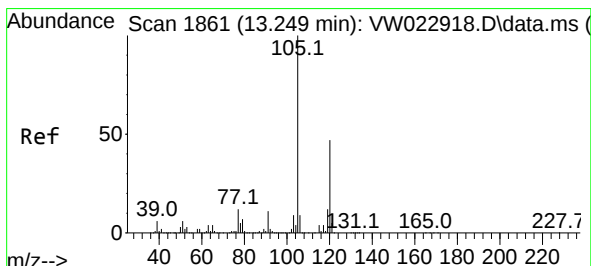
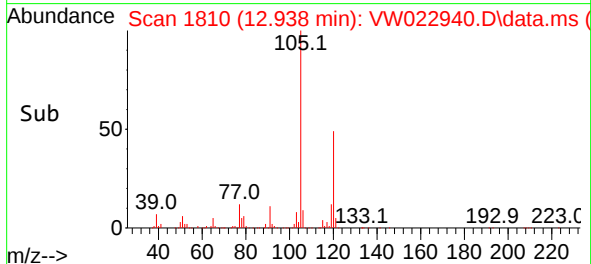
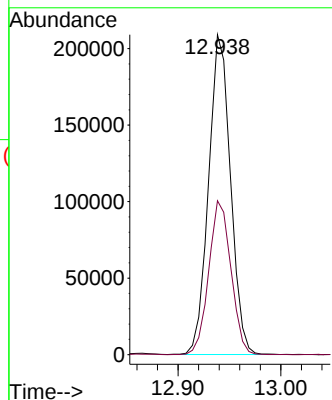
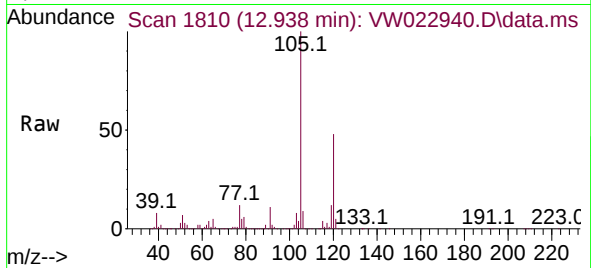




#62
1,3,5-Trimethylbenzene
Concen: 23.075 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VW022940.D
Acq: 09 May 2022 19:17

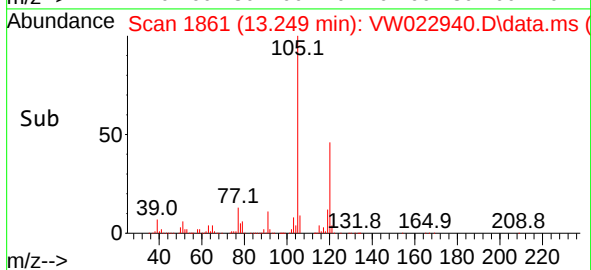
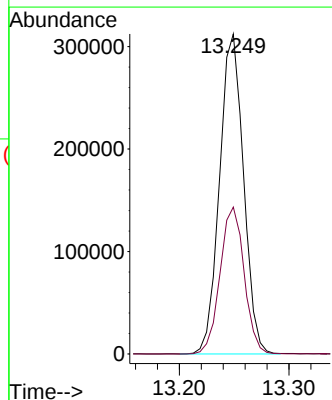
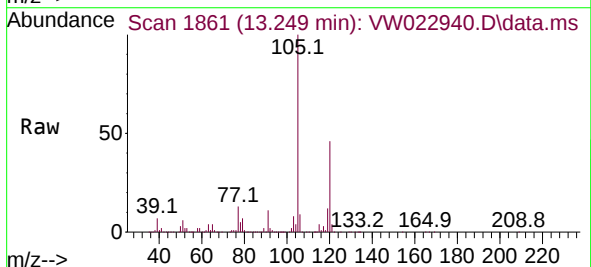
Instrument :
MSVOA_W
ClientSampleId :
VSTD025523

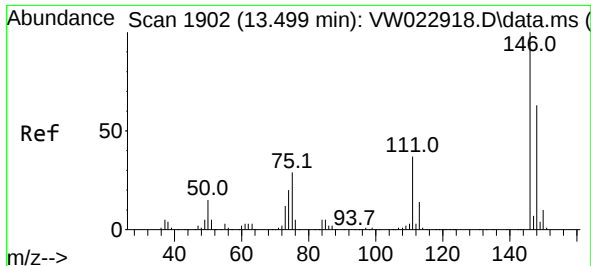
Tgt Ion:105 Resp: 309342
Ion Ratio Lower Upper
105 100
120 48.6 38.9 58.3



#63
1,2,4-Trimethylbenzene
Concen: 23.537 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW022940.D
Acq: 09 May 2022 19:17

Tgt Ion:105 Resp: 473786
Ion Ratio Lower Upper
105 100
120 46.1 37.4 56.2

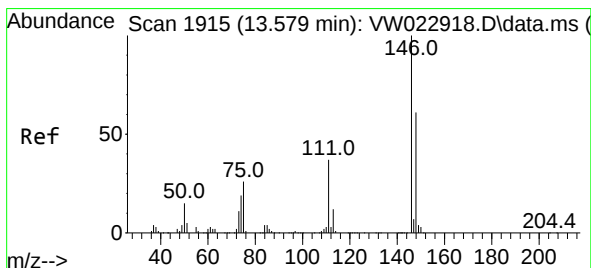
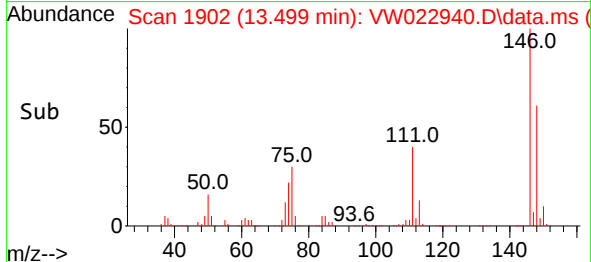
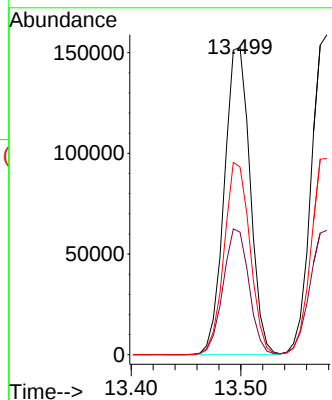
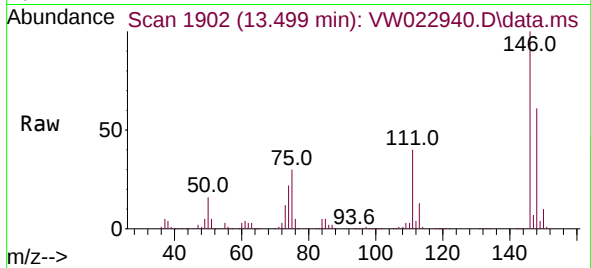




#64
1,3-Dichlorobenzene
Concen: 23.188 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. -0.000 min
Lab File: VW022940.D
Acq: 09 May 2022 19:17

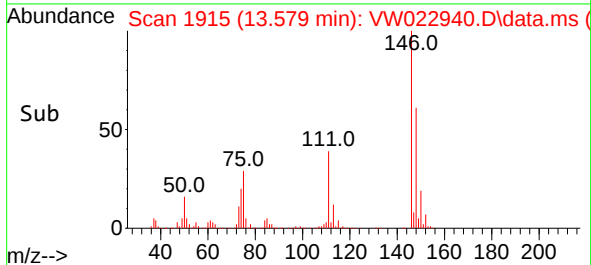
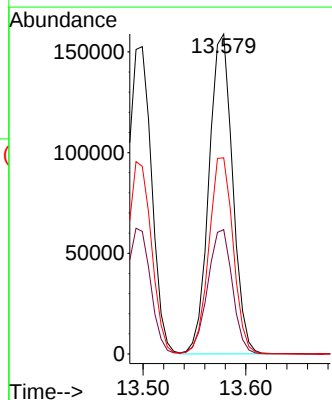
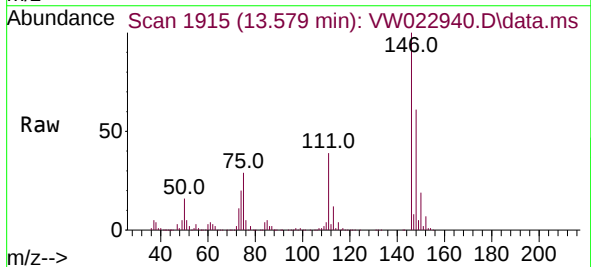
Instrument :
MSVOA_W
ClientSampleId :
VSTD025523

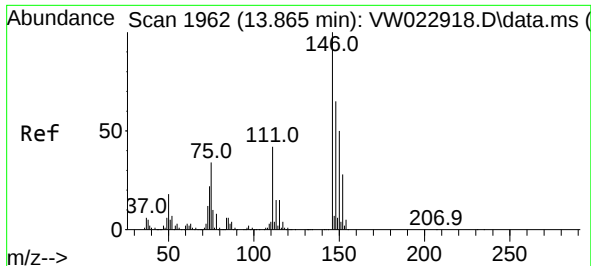
Tgt Ion:146 Resp: 249472
Ion Ratio Lower Upper
146 100
111 39.9 29.5 54.9
148 61.0 48.6 90.2



#65
1,4-Dichlorobenzene
Concen: 22.829 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VW022940.D
Acq: 09 May 2022 19:17

Tgt Ion:146 Resp: 253694
Ion Ratio Lower Upper
146 100
111 38.9 27.2 50.4
148 61.3 44.0 81.6





#67

1,2-Dichlorobenzene

Concen: 23.209 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.000 min

Lab File: VW022940.D

Acq: 09 May 2022 19:17

Instrument :

MSVOA_W

ClientSampleId :

VSTD025523

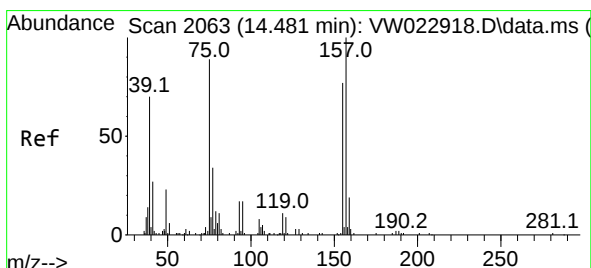
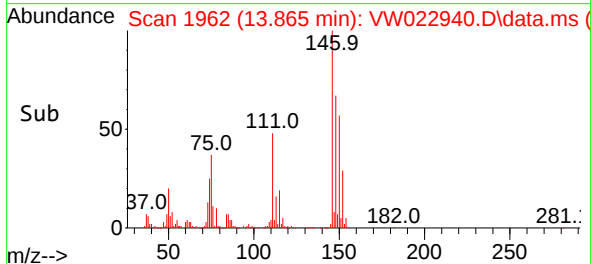
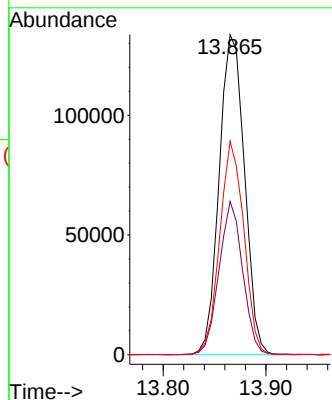
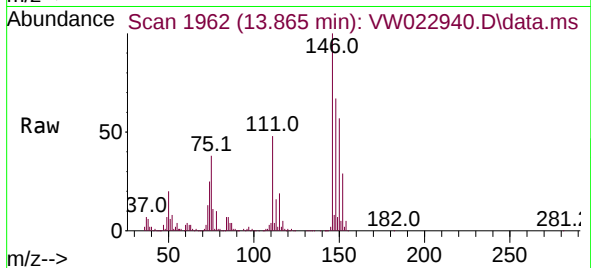
Tgt Ion:146 Resp: 228496

Ion Ratio Lower Upper

146 100

111 47.9 35.7 53.5

148 66.7 52.6 79.0



#68

1,2-Dibromo-3-chloropropane

Concen: 22.367 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW022940.D

Acq: 09 May 2022 19:17

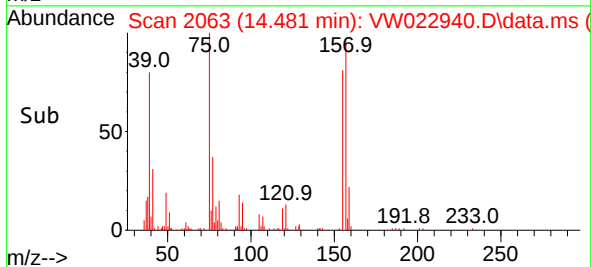
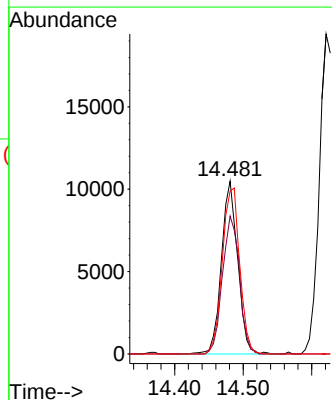
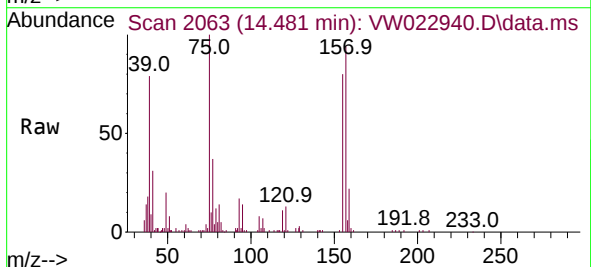
Tgt Ion: 75 Resp: 17180

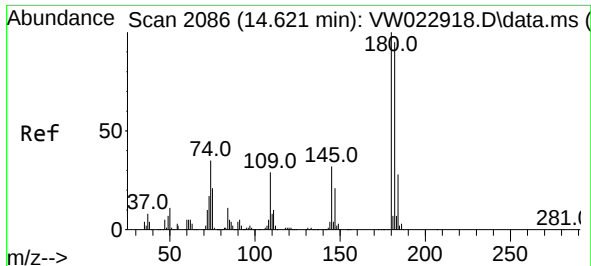
Ion Ratio Lower Upper

75 100

155 79.8 59.3 88.9

157 94.3 89.8 134.8

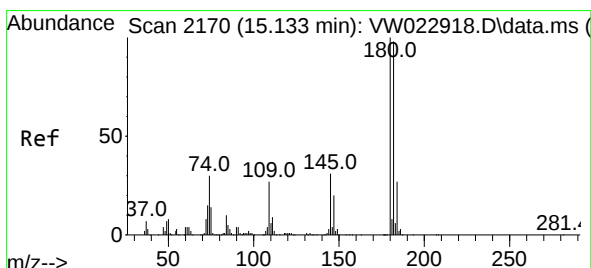
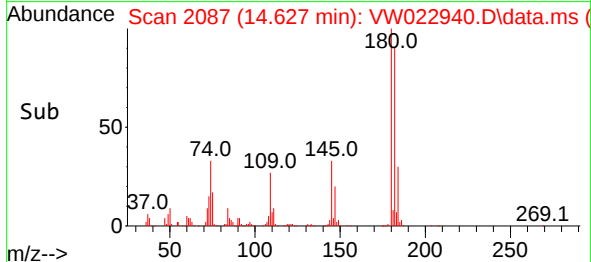
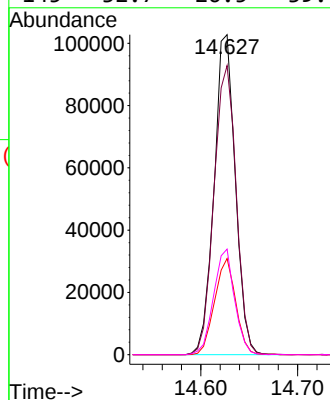
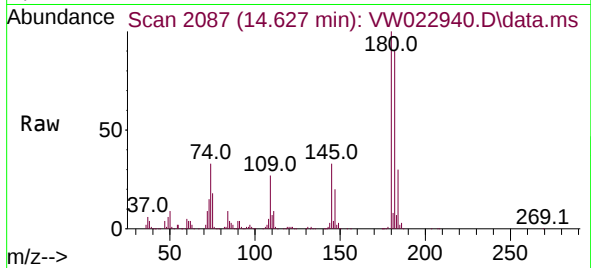




#69
1,3,5-Trichlorobenzene
Concen: 21.974 ug/L
RT: 14.627 min Scan# 2086
Delta R.T. 0.006 min
Lab File: VW022940.D
Acq: 09 May 2022 19:17

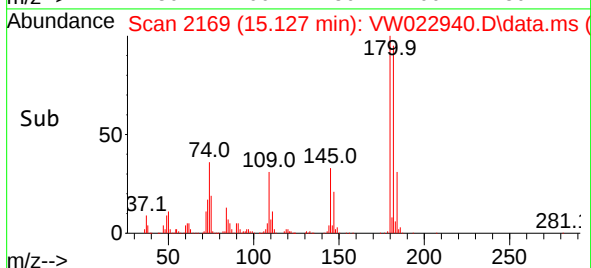
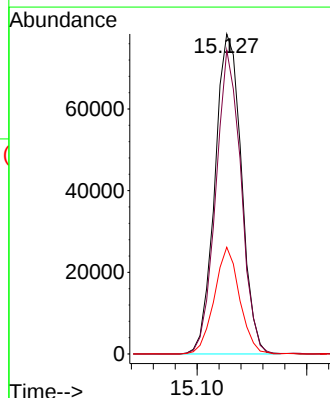
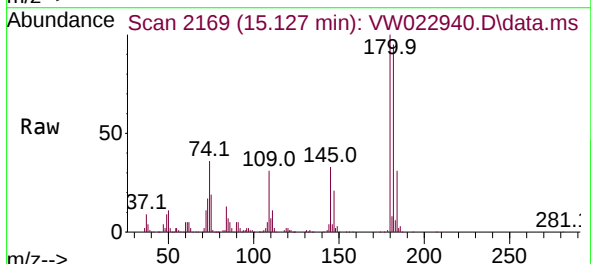
Instrument :
MSVOA_W
ClientSampleId :
VSTD025523

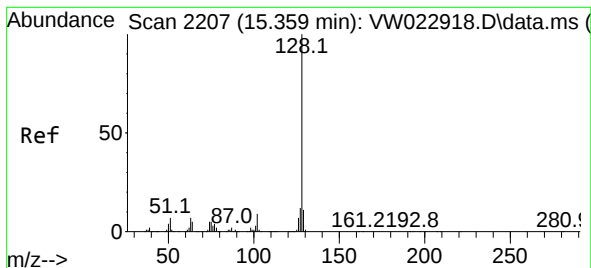
Tgt Ion:180	Resp:	156927
Ion Ratio	Lower	Upper
180	100	
182	94.2	74.8 112.2
184	29.8	23.4 35.2
145	32.7	26.5 39.7



#70
1,2,4-trichlorobenzene
Concen: 22.898 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. -0.006 min
Lab File: VW022940.D
Acq: 09 May 2022 19:17

Tgt Ion:180	Resp:	131544
Ion Ratio	Lower	Upper
180	100	
182	90.2	74.9 112.3
145	31.8	26.6 39.8





#71

Naphthalene

Concen: 23.297 ug/L

RT: 15.359 min Scan# 21

Delta R.T. -0.000 min

Lab File: VW022940.D

Acq: 09 May 2022 19:17

Instrument :

MSVOA_W

ClientSampleId :

VSTD025523

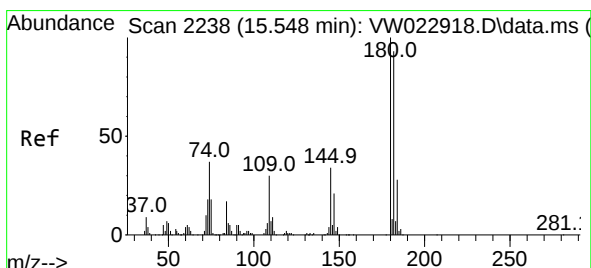
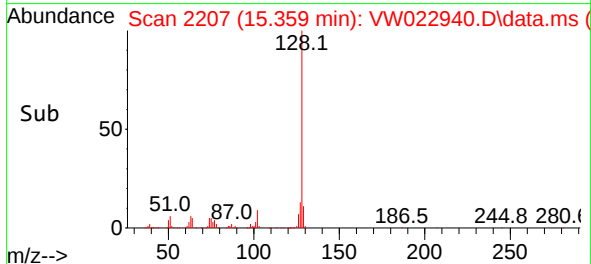
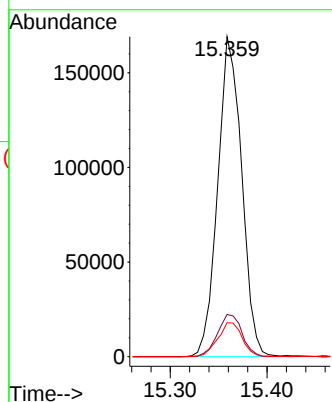
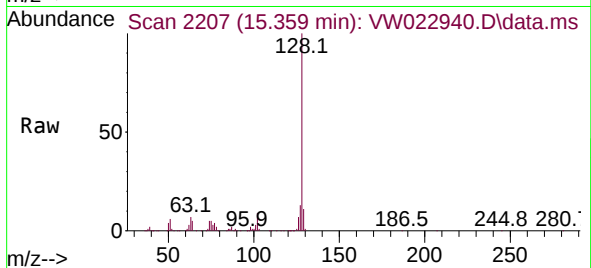
Tgt Ion:128 Resp: 290882

Ion Ratio Lower Upper

128 100

127 13.6 10.6 16.0

129 10.8 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 22.906 ug/L

RT: 15.554 min Scan# 2239

Delta R.T. 0.006 min

Lab File: VW022940.D

Acq: 09 May 2022 19:17

Tgt Ion:180 Resp: 116625

Ion Ratio Lower Upper

180 100

182 94.3 73.5 110.3

145 35.3 27.9 41.9

