

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051122\
 Data File : VW022966.D
 Acq On : 11 May 2022 08:41
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025526

Quant Time: May 12 01:04:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed May 11 01:19:10 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	316772	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	308565	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	172667	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	114174	17.568	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.280%
7) Chloroethane-d5	2.885	69	92179	21.801	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.200%
11) 1,1-Dichloroethene-d2	4.019	63	167879	19.992	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	79.960%
21) 2-Butanone-d5	7.074	46	57612	46.624	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.240%
24) Chloroform-d	7.647	84	221523	23.869	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.480%
26) 1,2-Dichloroethane-d4	8.305	65	116826	22.952	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.800%
32) Benzene-d6	8.268	84	399677	22.472	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.880%
36) 1,2-Dichloropropane-d6	9.268	67	118383	23.696	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.800%
41) Toluene-d8	10.323	98	383150	22.301	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.200%
43) trans-1,3-Dichloroprop...	10.573	79	50687	22.034	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.120%
47) 2-Hexanone-d5	10.920	63	47297	49.592	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.180%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	118502	25.448	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.800%
66) 1,2-Dichlorobenzene-d4	13.853	152	142279	23.572	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.280%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	30236	17.510	ug/L	91
3) Chloromethane	2.215	50	73703	22.087	ug/L	98
5) Vinyl chloride	2.361	62	146406	21.862	ug/L	100
6) Bromomethane	2.776	94	91281	21.229	ug/L	93
8) Chloroethane	2.922	64	78181	24.204	ug/L	97
9) Trichlorofluoromethane	3.257	101	76324	24.936	ug/L	94
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	105794	23.116	ug/L	97
12) 1,1-Dichloroethene	4.038	96	90501	22.306	ug/L	95
13) Acetone	4.117	43	35632	38.515	ug/L	93
14) Carbon disulfide	4.379	76	206192	18.537	ug/L	99
15) Methyl Acetate	4.665	43	40319	21.693	ug/L #	84
16) Methylene chloride	4.909	84	104868	22.624	ug/L	96
17) trans-1,2-Dichloroethene	5.415	96	99178	21.723	ug/L	100
18) Methyl tert-butyl Ether	5.428	73	166362	23.869	ug/L	99
19) 1,1-Dichloroethane	6.214	63	185083	23.918	ug/L	98
20) cis-1,2-Dichloroethene	7.165	96	115343	23.520	ug/L #	96
22) 2-Butanone	7.165	43	53073	41.021	ug/L	97
23) Bromochloromethane	7.513	128	50996	22.205	ug/L	95
25) Chloroform	7.671	83	209751	24.514	ug/L	97

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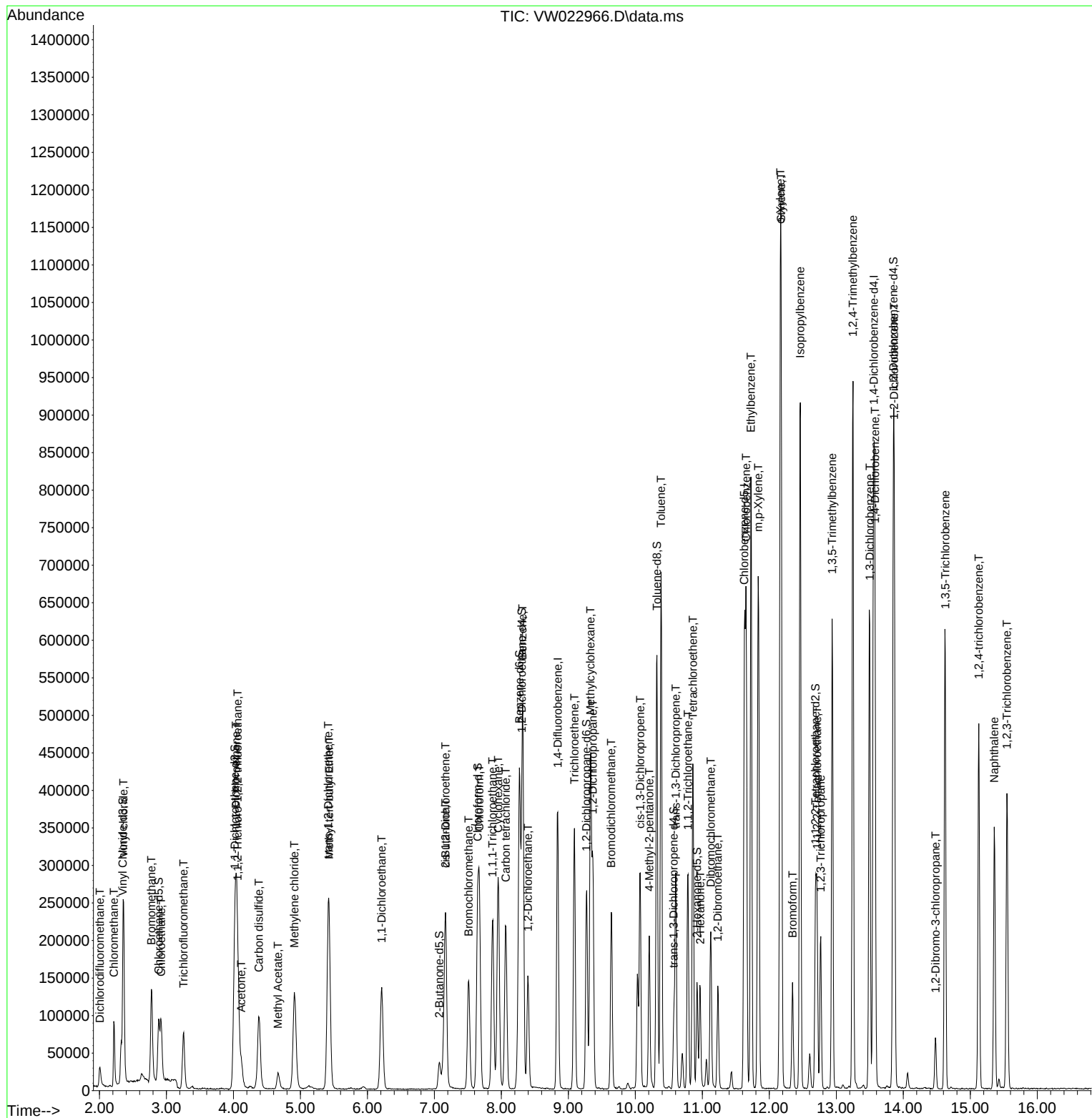
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.396	62	133550	23.415	ug/L	100
29) Cyclohexane	7.951	56	151631	22.722	ug/L	99
30) 1,1,1-Trichloroethane	7.866	97	180749	24.787	ug/L	100
31) Carbon tetrachloride	8.067	117	161309	23.648	ug/L	98
33) Benzene	8.317	78	432333	23.784	ug/L	100
34) Trichloroethene	9.091	95	117981	23.600	ug/L	95
35) Methylcyclohexane	9.329	83	187220	22.797	ug/L	99
37) 1,2-Dichloropropane	9.366	63	106021	24.101	ug/L	99
38) Bromodichloromethane	9.640	83	153209	24.521	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	167869	24.611	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	125089	45.115	ug/L	99
42) Toluene	10.384	91	495253	24.311	ug/L	96
44) trans-1,3-Dichloropropene	10.603	75	151112	24.821	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	87675	23.842	ug/L	100
46) Tetrachloroethene	10.859	164	87893	23.395	ug/L	95
48) 2-Hexanone	10.969	43	85029	45.898	ug/L	98
49) Dibromochloromethane	11.128	129	105828	23.911	ug/L	91
50) 1,2-Dibromoethane	11.231	107	85309	23.103	ug/L	97
51) Chlorobenzene	11.652	112	325099	24.207	ug/L	97
52) Ethylbenzene	11.725	91	568513	25.085	ug/L	98
53) m,p-Xylene	11.835	106	223326	25.008	ug/L	96
54) o-Xylene	12.164	106	219128	25.571	ug/L	98
55) Styrene	12.176	104	372781	25.600	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	109980	23.945	ug/L	96
59) Bromoform	12.347	173	57851	23.642	ug/L	100
60) Isopropylbenzene	12.463	105	599424	25.341	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	78024	22.615	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	333339	25.330	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	505681	25.591	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	260111	24.629	ug/L	95
65) 1,4-Dichlorobenzene	13.579	146	267753	24.545	ug/L	96
67) 1,2-Dichlorobenzene	13.865	146	241690	25.009	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	15698	20.819	ug/L	90
69) 1,3,5-Trichlorobenzene	14.627	180	174328	24.867	ug/L	100
70) 1,2,4-trichlorobenzene	15.127	180	135930	24.104	ug/L	97
71) Naphthalene	15.359	128	288030	23.500	ug/L	98
72) 1,2,3-Trichlorobenzene	15.548	180	121210	24.252	ug/L	97

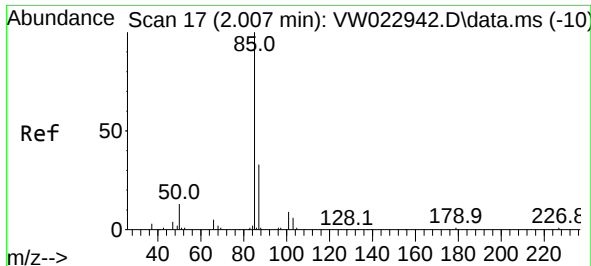
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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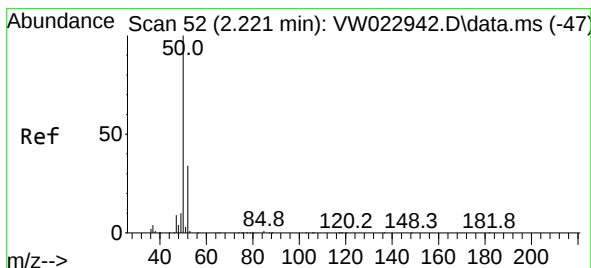
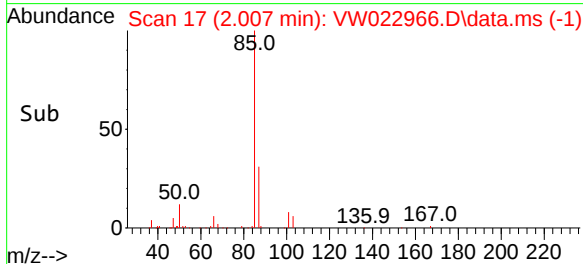
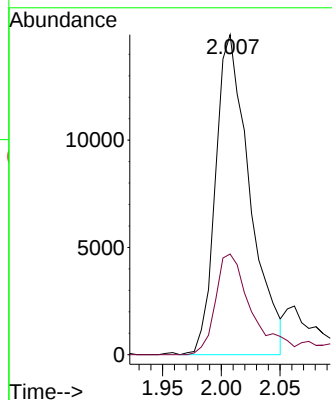
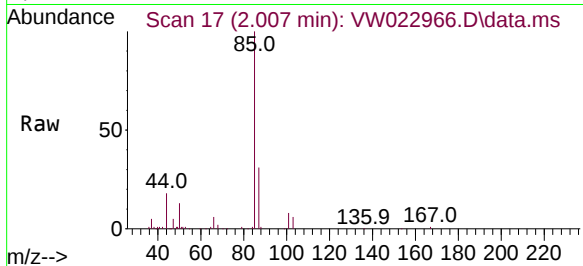




#2
 Dichlorodifluoromethane
 Concen: 17.510 ug/L
 RT: 2.007 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VW022966.D
 Acq: 11 May 2022 08:41

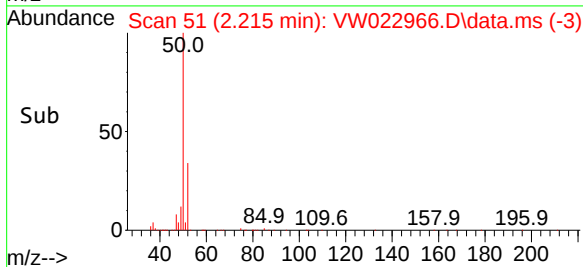
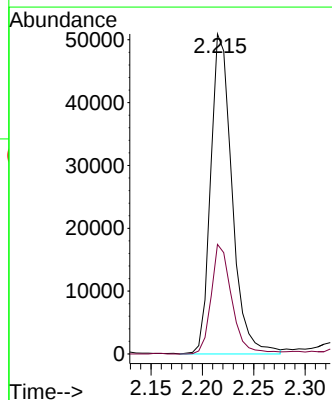
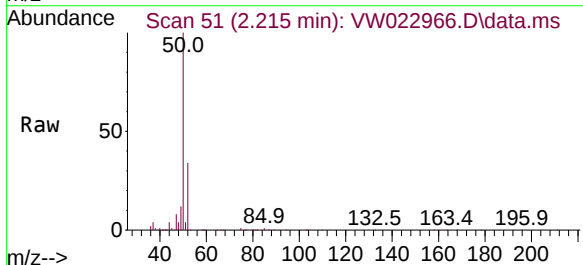
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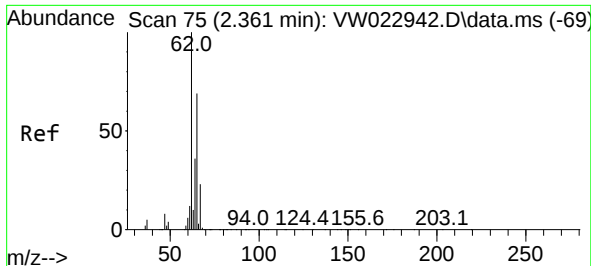
Tgt Ion: 85 Resp: 30236
 Ion Ratio Lower Upper
 85 100
 87 29.7 27.8 41.8



#3
 Chloromethane
 Concen: 22.087 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VW022966.D
 Acq: 11 May 2022 08:41

Tgt Ion: 50 Resp: 73703
 Ion Ratio Lower Upper
 50 100
 52 34.2 23.1 42.9

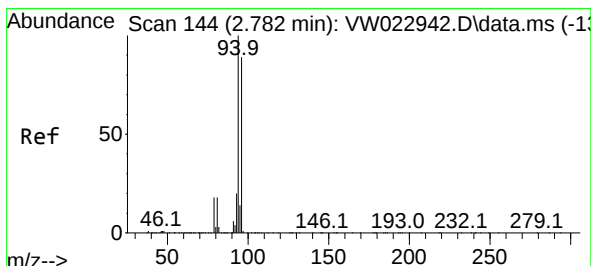
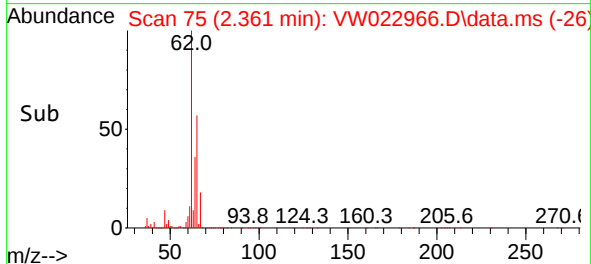
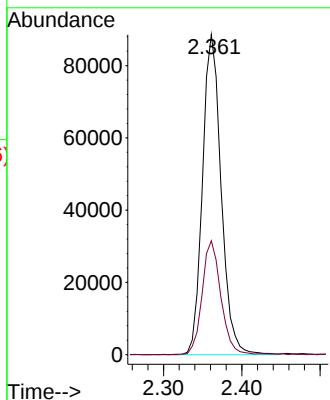
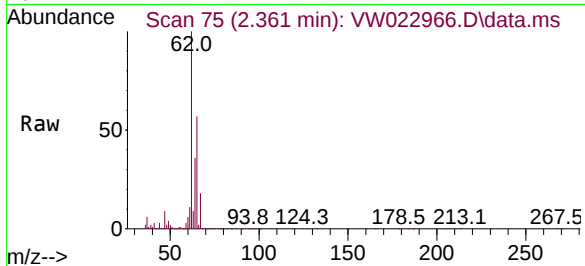




#5
 Vinyl chloride
 Concen: 21.862 ug/L
 RT: 2.361 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: VW022966.D
 Acq: 11 May 2022 08:41

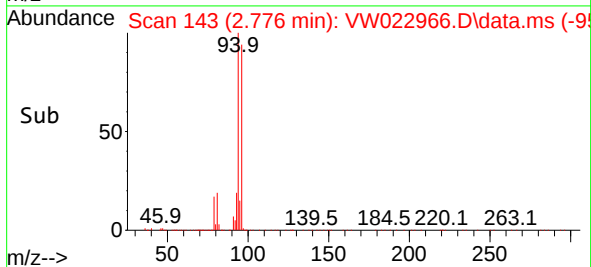
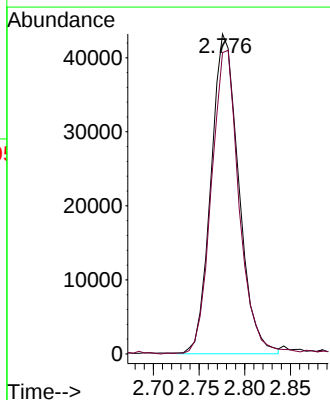
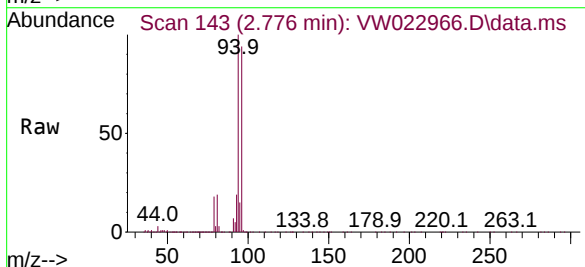
Instrument :
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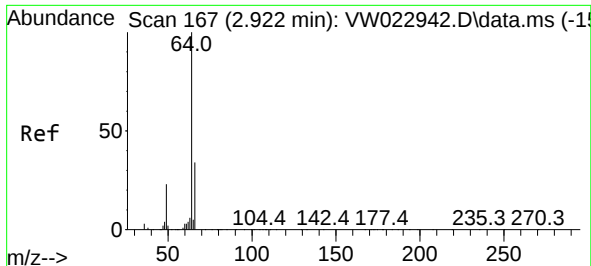
Tgt Ion: 62 Resp: 146406
 Ion Ratio Lower Upper
 62 100
 64 35.6 24.9 46.3



#6
 Bromomethane
 Concen: 21.229 ug/L
 RT: 2.776 min Scan# 143
 Delta R.T. -0.006 min
 Lab File: VW022966.D
 Acq: 11 May 2022 08:41

Tgt Ion: 94 Resp: 91281
 Ion Ratio Lower Upper
 94 100
 96 94.2 61.7 114.5

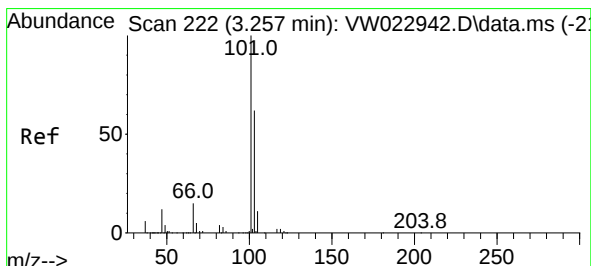
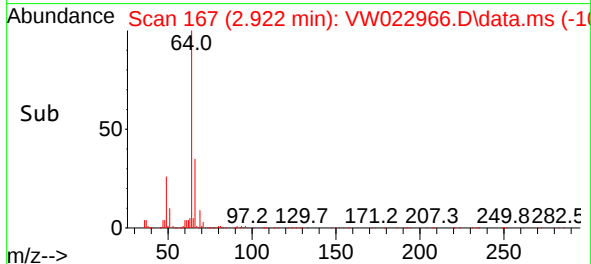
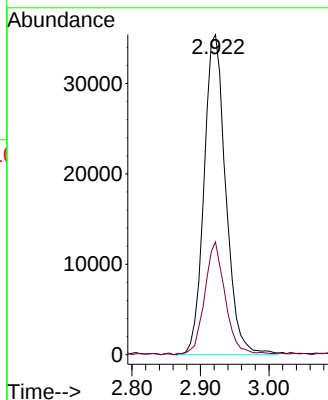
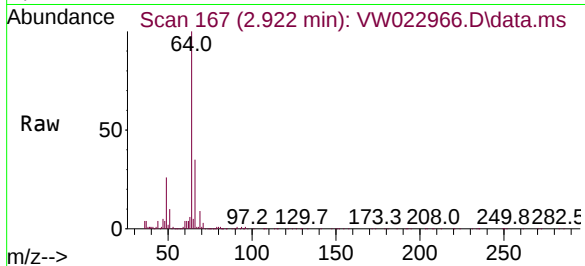




#8
Chloroethane
Concen: 24.204 ug/L
RT: 2.922 min Scan# 167
Delta R.T. 0.000 min
Lab File: VW022966.D
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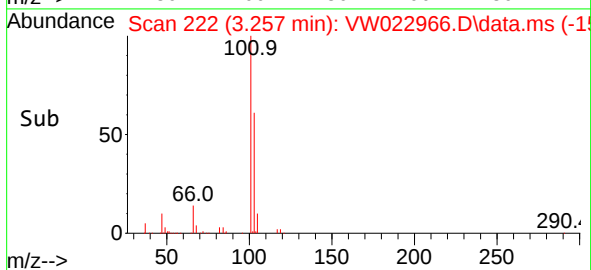
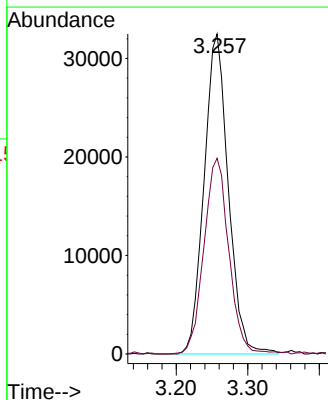
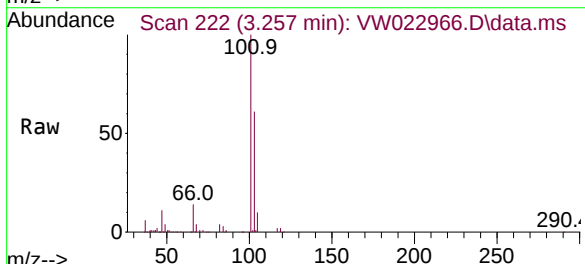
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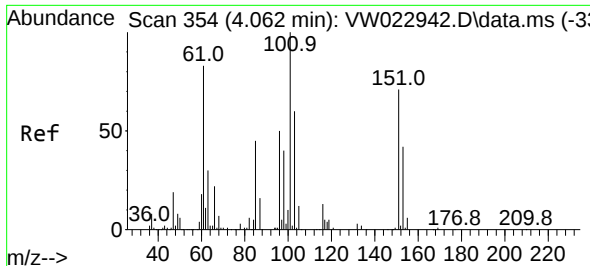
Tgt Ion: 64 Resp: 78181
Ion Ratio Lower Upper
64 100
66 35.3 23.4 43.6



#9
Trichlorofluoromethane
Concen: 24.936 ug/L
RT: 3.257 min Scan# 222
Delta R.T. 0.000 min
Lab File: VW022966.D
Acq: 11 May 2022 08:41

Tgt Ion: 101 Resp: 76324
Ion Ratio Lower Upper
101 100
103 62.7 53.9 80.9

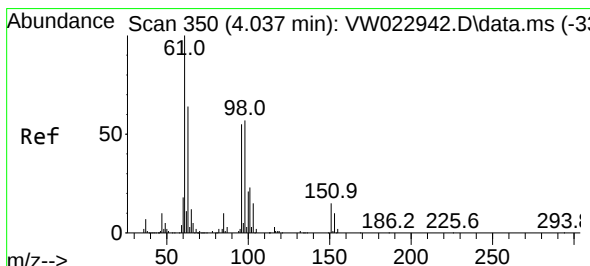
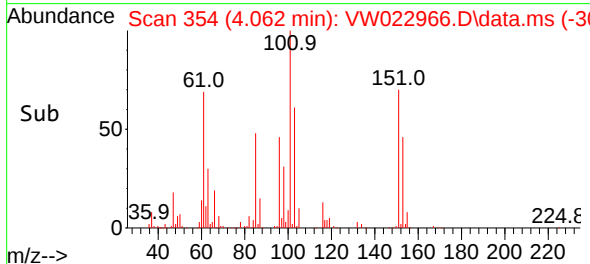
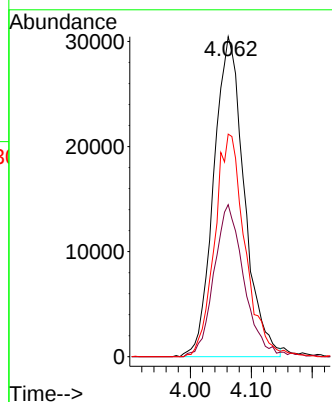
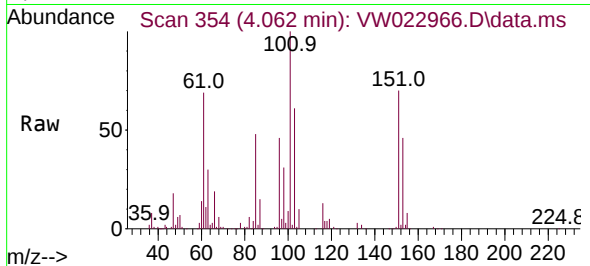




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 23.116 ug/L
 RT: 4.062 min Scan# 310
 Delta R.T. 0.000 min
 Lab File: VW022966.D
 Acq: 11 May 2022 08:41

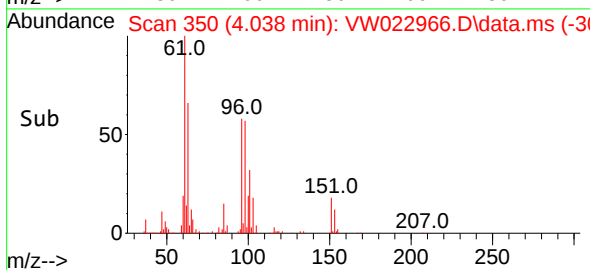
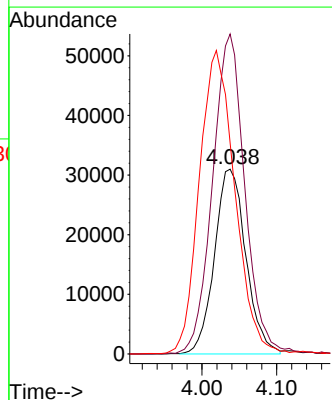
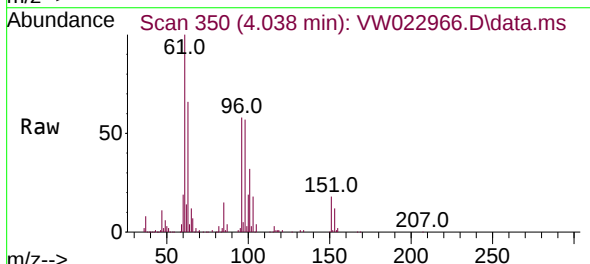
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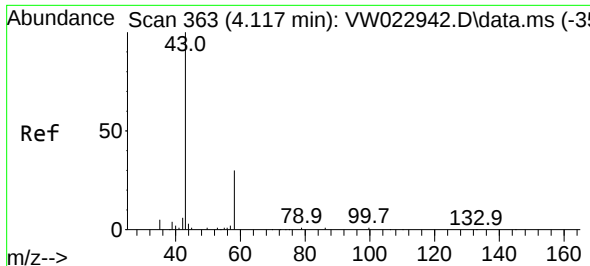
Tgt Ion:101 Resp: 105794
 Ion Ratio Lower Upper
 101 100
 85 45.8 34.3 51.5
 151 68.7 54.2 81.2



#12
 1,1-Dichloroethene
 Concen: 22.306 ug/L
 RT: 4.038 min Scan# 350
 Delta R.T. 0.000 min
 Lab File: VW022966.D
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Tgt Ion: 96 Resp: 90501
 Ion Ratio Lower Upper
 96 100
 61 173.1 125.7 233.5
 63 114.2 83.4 155.0

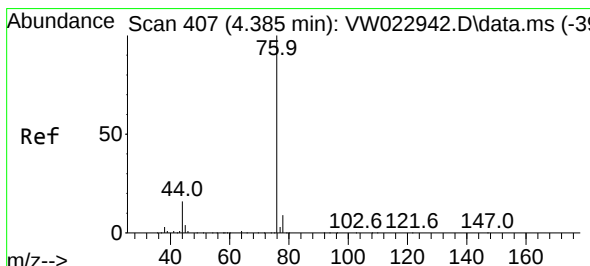
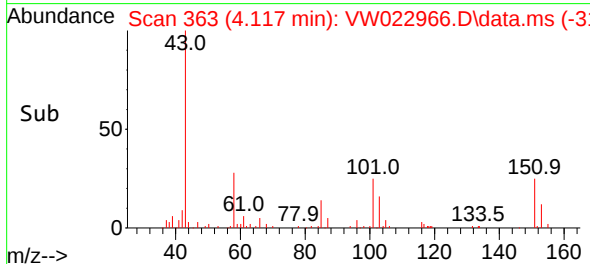
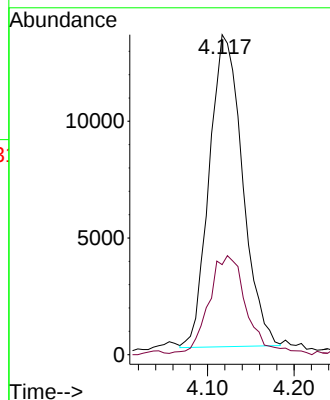
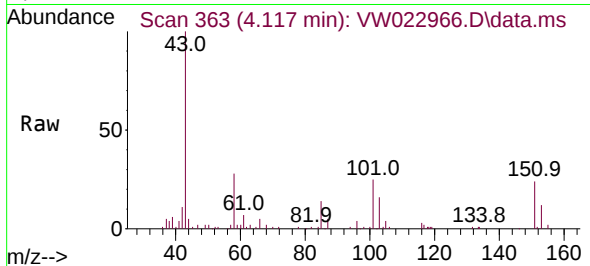




#13
Acetone
Concen: 38.515 ug/L
RT: 4.117 min Scan# 363
Delta R.T. 0.000 min
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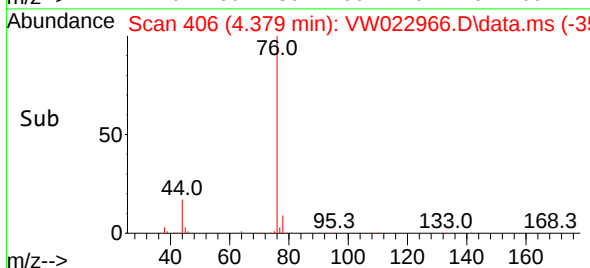
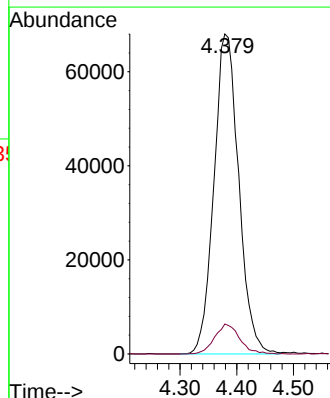
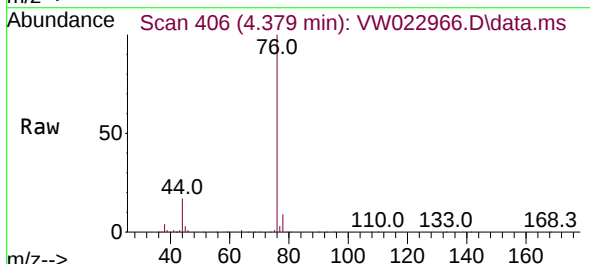
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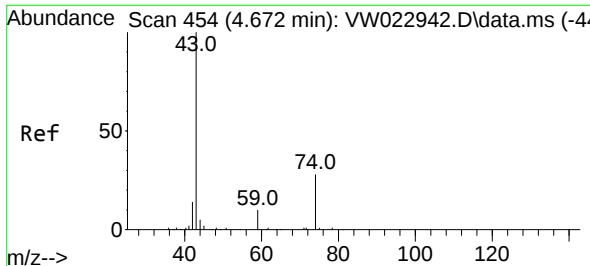
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Ion Ratio Lower Upper
43 100
58 36.0 0.0 64.0



#14
Carbon disulfide
Concen: 18.537 ug/L
RT: 4.379 min Scan# 406
Delta R.T. -0.006 min
Lab File: VW022966.D
Acq: 11 May 2022 08:41

Tgt Ion: 76 Resp: 206192
Ion Ratio Lower Upper
76 100
78 9.4 7.7 11.5

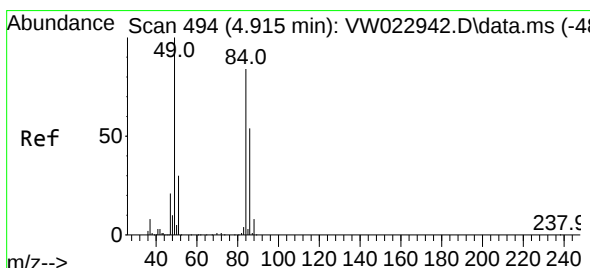
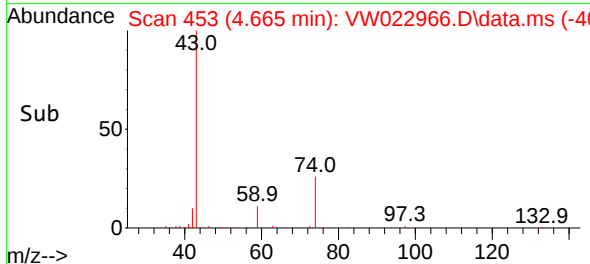
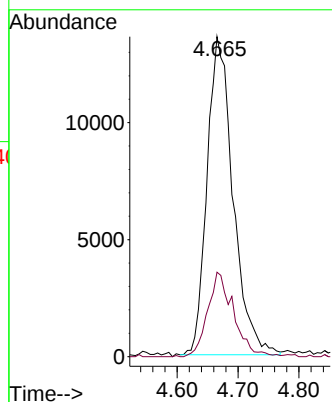
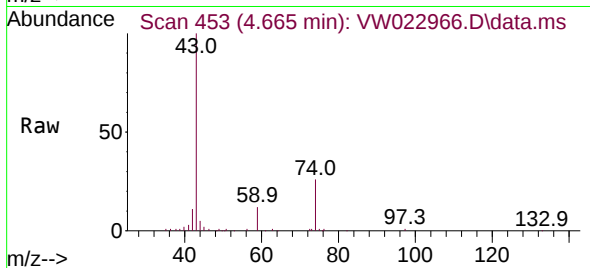




#15
Methyl Acetate
Concen: 21.693 ug/L
RT: 4.665 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW022966.D
Acq: 11 May 2022 08:41

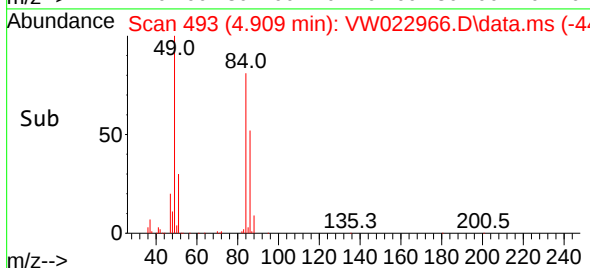
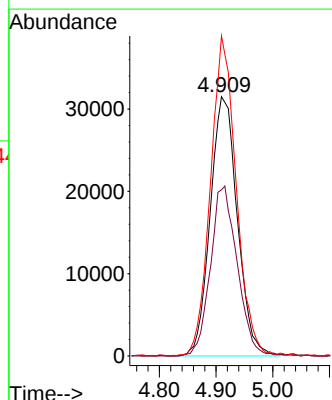
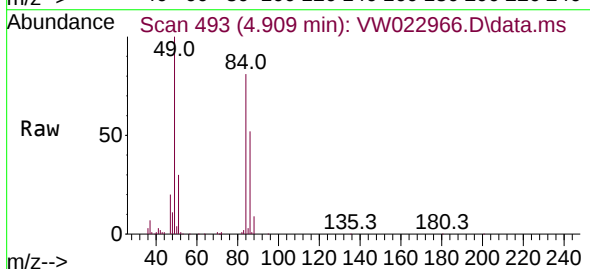
Instrument :
MSVOA_W
ClientSampleId :
VSTD025526

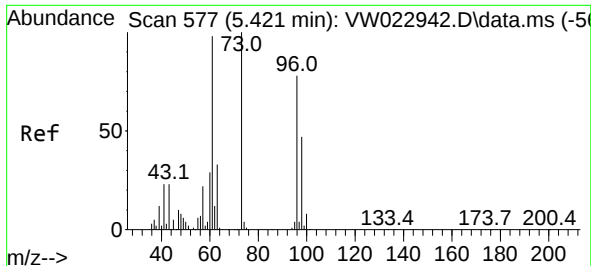
Tgt Ion: 43 Resp: 40319
Ion Ratio Lower Upper
43 100
74 19.0 21.9 32.9#



#16
Methylene chloride
Concen: 22.624 ug/L
RT: 4.909 min Scan# 493
Delta R.T. -0.006 min
Lab File: VW022966.D
Acq: 11 May 2022 08:41

Tgt Ion: 84 Resp: 104868
Ion Ratio Lower Upper
84 100
86 64.1 45.4 84.4
49 123.5 82.5 153.1

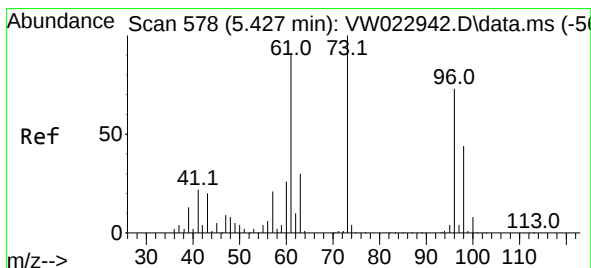
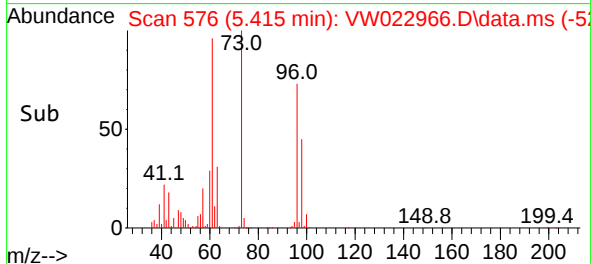
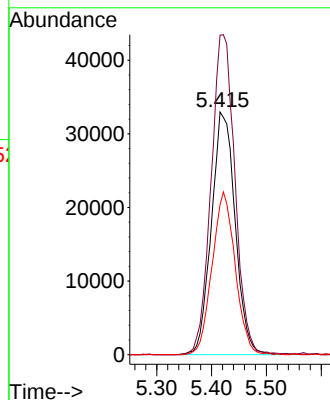
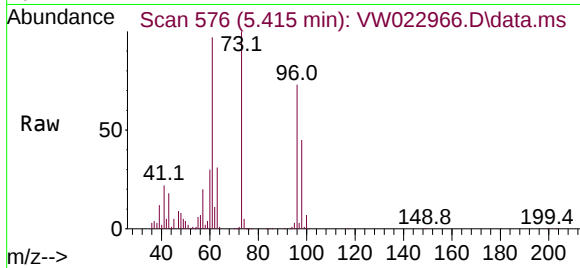




#17
trans-1,2-Dichloroethene
Concen: 21.723 ug/L
RT: 5.415 min Scan# 577
Delta R.T. -0.006 min
Lab File: VW022966.D
Acq: 11 May 2022 08:41

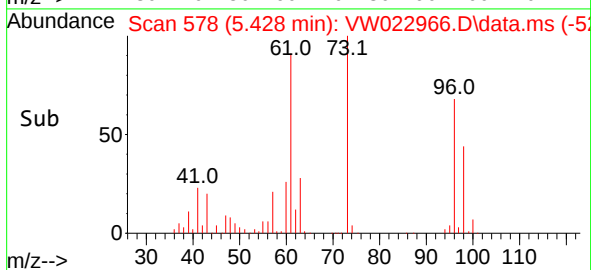
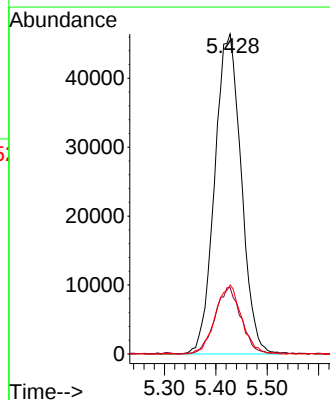
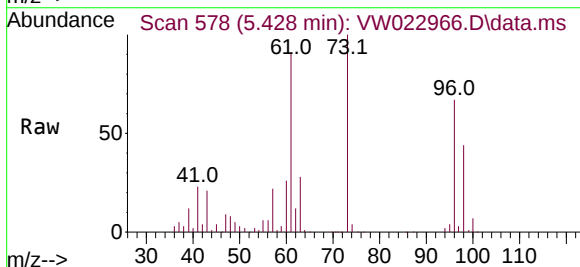
Instrument :
MSVOA_W
ClientSampleId :
VSTD025526

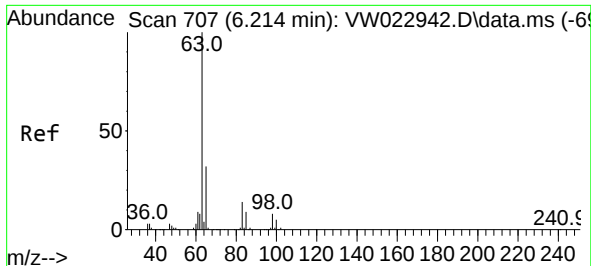
Tgt Ion: 96 Resp: 99178
Ion Ratio Lower Upper
96 100
61 131.6 92.2 171.2
98 61.7 42.9 79.7



#18
Methyl tert-butyl Ether
Concen: 23.869 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.000 min
Lab File: VW022966.D
Acq: 11 May 2022 08:41

Tgt Ion: 73 Resp: 166362
Ion Ratio Lower Upper
73 100
43 20.3 15.9 23.9
57 21.2 16.5 24.7





#19

1,1-Dichloroethane

Concen: 23.918 ug/L

RT: 6.214 min Scan# 707

Delta R.T. 0.000 min

Lab File: VW022966.D

Acq: 11 May 2022 08:41

Instrument :

MSVOA_W

ClientSampleId :

VSTD025526

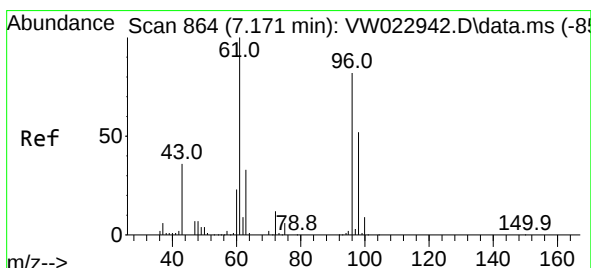
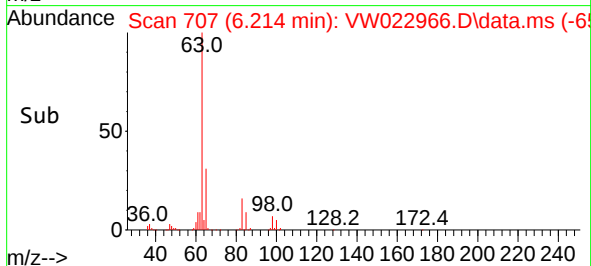
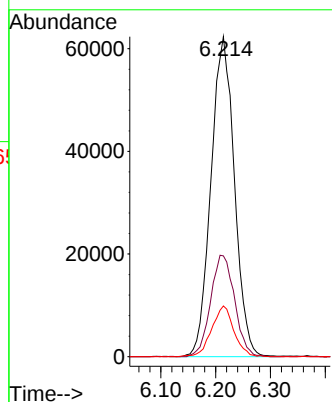
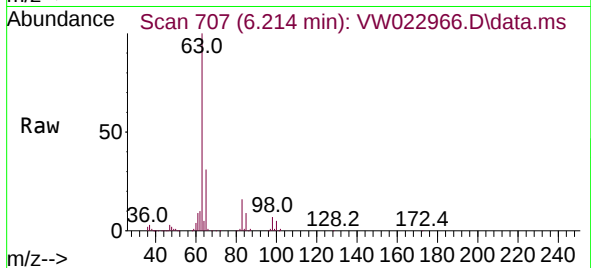
Tgt Ion: 63 Resp: 185083

Ion Ratio Lower Upper

63 100

65 31.5 23.3 43.3

83 15.9 11.1 20.5



#20

cis-1,2-Dichloroethene

Concen: 23.520 ug/L

RT: 7.165 min Scan# 863

Delta R.T. -0.006 min

Lab File: VW022966.D

Acq: 11 May 2022 08:41

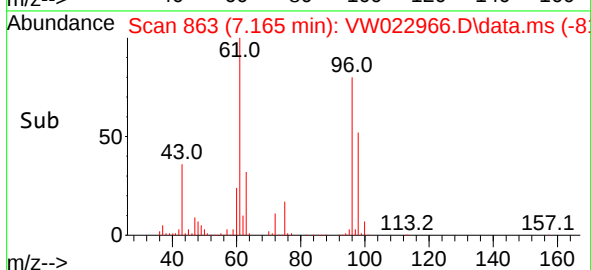
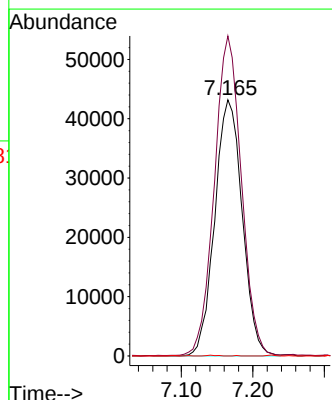
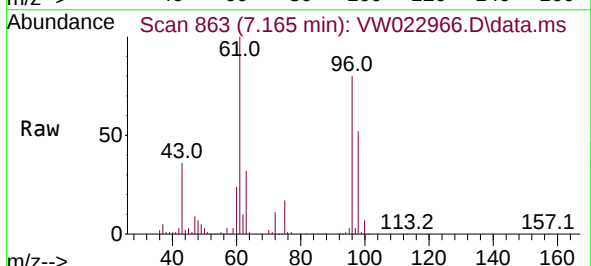
Tgt Ion: 96 Resp: 115343

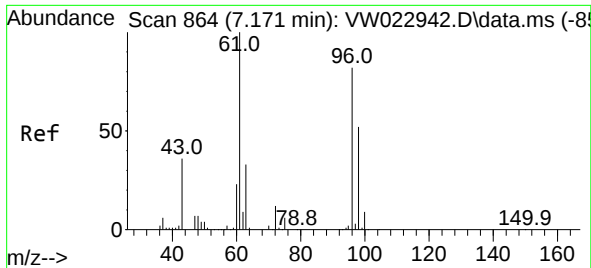
Ion Ratio Lower Upper

96 100

61 124.9 84.2 156.4

68 0.0 0.1 0.1#

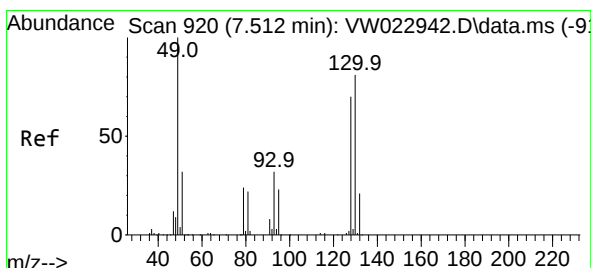
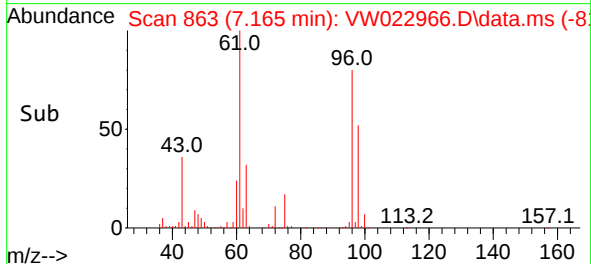
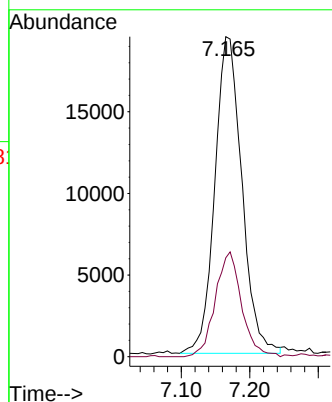
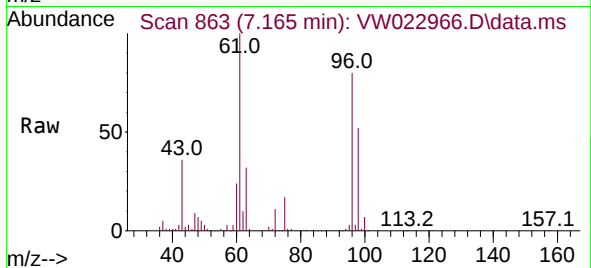




#22
2-Butanone
Concen: 41.021 ug/L
RT: 7.165 min Scan# 863
Delta R.T. -0.006 min
Lab File: VW022966.D
Acq: 11 May 2022 08:41

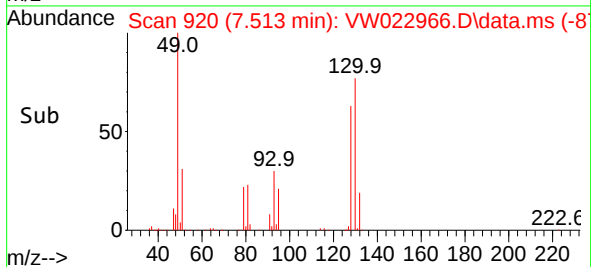
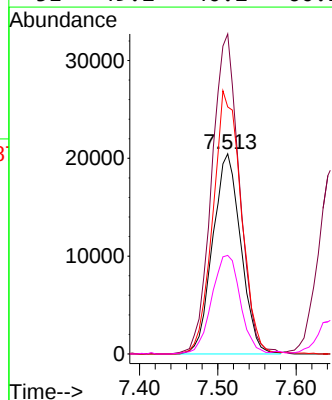
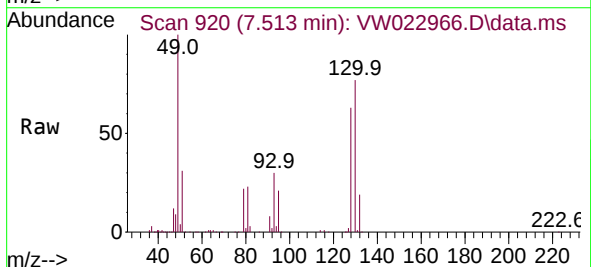
Instrument :
MSVOA_W
ClientSampleId :
VSTD025526

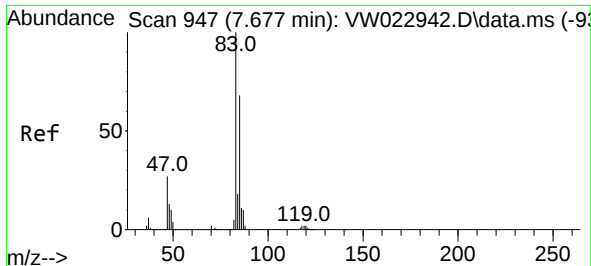
Tgt Ion: 43 Resp: 53073
Ion Ratio Lower Upper
43 100
72 32.0 15.1 45.3



#23
Bromochloromethane
Concen: 22.205 ug/L
RT: 7.513 min Scan# 920
Delta R.T. 0.000 min
Lab File: VW022966.D
Acq: 11 May 2022 08:41

Tgt Ion: 128 Resp: 50996
Ion Ratio Lower Upper
128 100
49 159.9 110.0 204.4
130 123.4 94.8 176.0
51 49.2 40.2 60.2

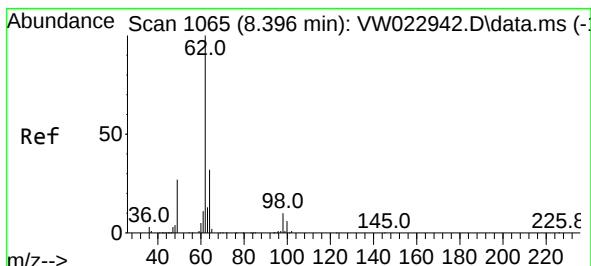
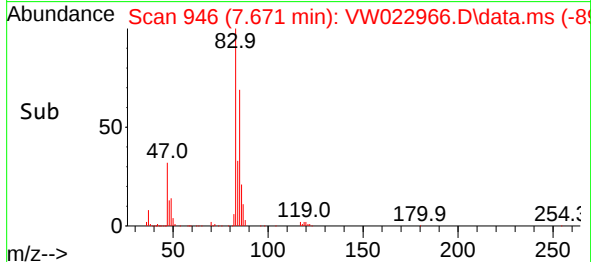
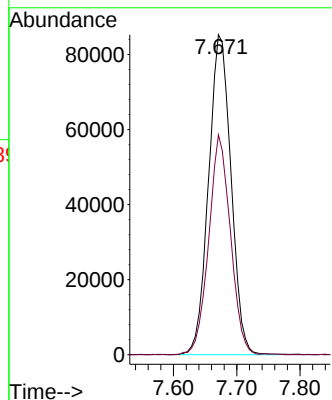
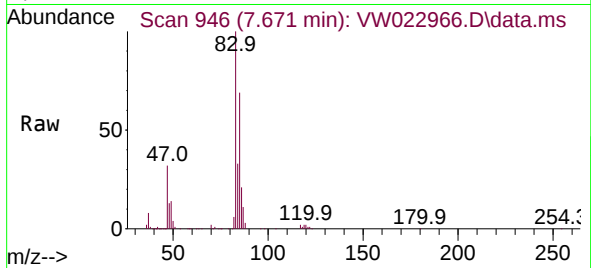




#25
Chloroform
Concen: 24.514 ug/L
RT: 7.671 min Scan# 94
Delta R.T. -0.006 min
Lab File: VW022966.D
Acq: 11 May 2022 08:41

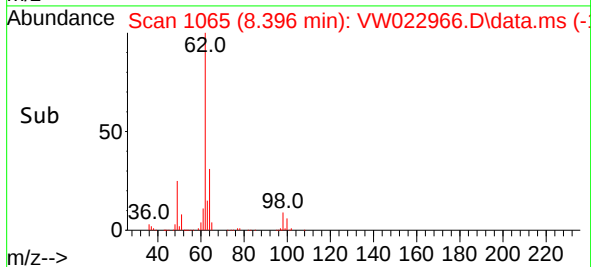
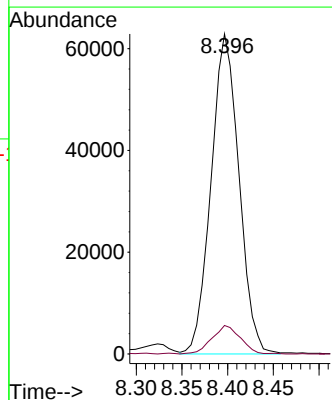
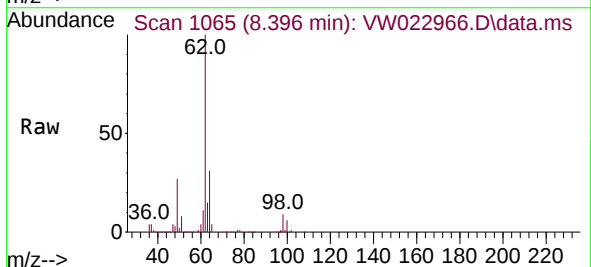
Instrument :
MSVOA_W
ClientSampleId :
VSTD025526

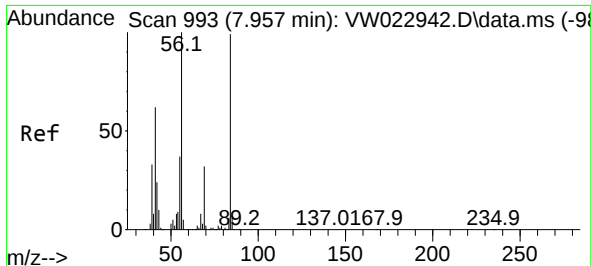
Tgt Ion: 83 Resp: 209751
Ion Ratio Lower Upper
83 100
85 68.7 46.6 86.6



#27
1,2-Dichloroethane
Concen: 23.415 ug/L
RT: 8.396 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VW022966.D
Acq: 11 May 2022 08:41

Tgt Ion: 62 Resp: 133550
Ion Ratio Lower Upper
62 100
98 8.9 7.2 10.8





#29

Cyclohexane

Concen: 22.722 ug/L

RT: 7.951 min Scan# 993

Delta R.T. -0.006 min

Lab File: VW022966.D

Acq: 11 May 2022 08:41

Instrument :

MSVOA_W

ClientSampleId :

VSTD025526

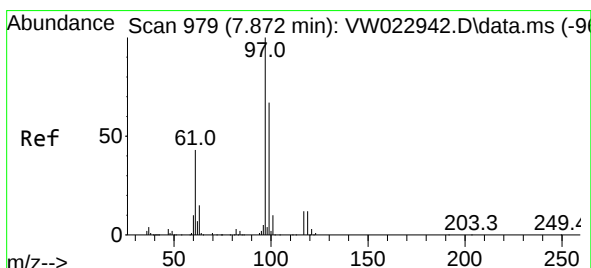
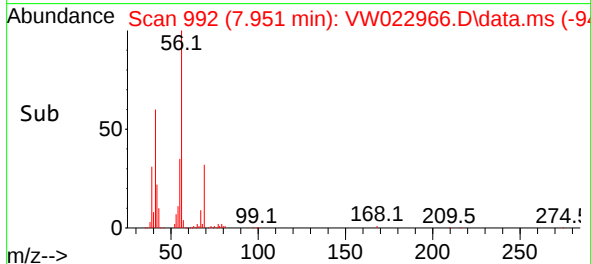
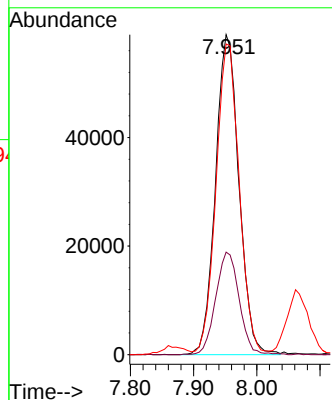
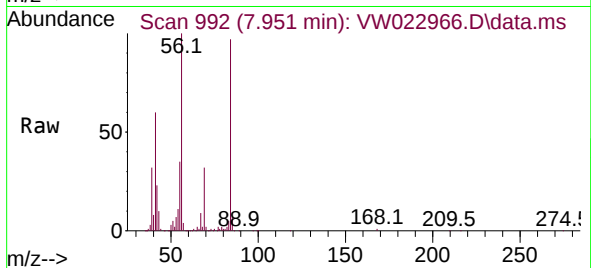
Tgt Ion: 56 Resp: 151631

Ion Ratio Lower Upper

56 100

69 31.6 25.6 38.4

84 96.3 78.2 117.4



#30

1,1,1-Trichloroethane

Concen: 24.787 ug/L

RT: 7.866 min Scan# 978

Delta R.T. -0.006 min

Lab File: VW022966.D

Acq: 11 May 2022 08:41

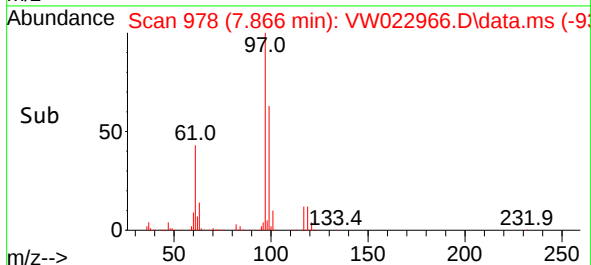
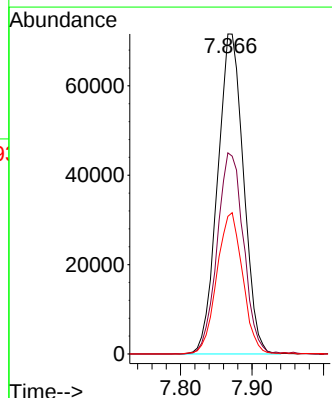
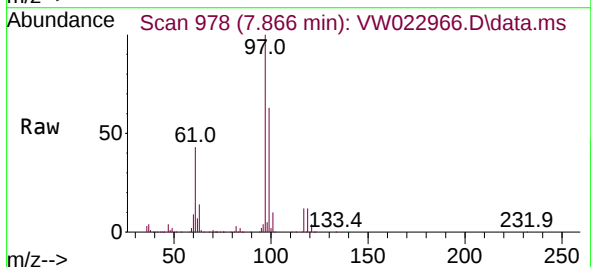
Tgt Ion: 97 Resp: 180749

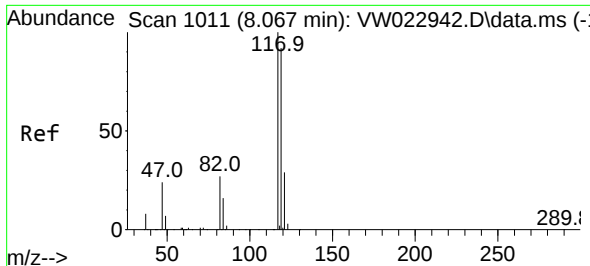
Ion Ratio Lower Upper

97 100

99 63.7 51.0 76.4

61 43.9 34.8 52.2

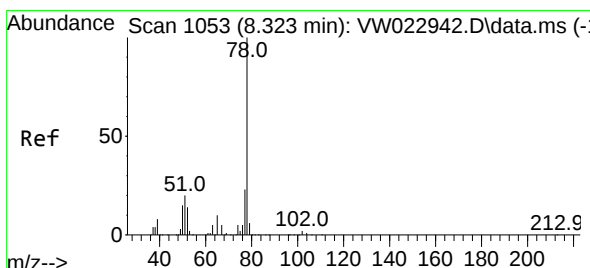
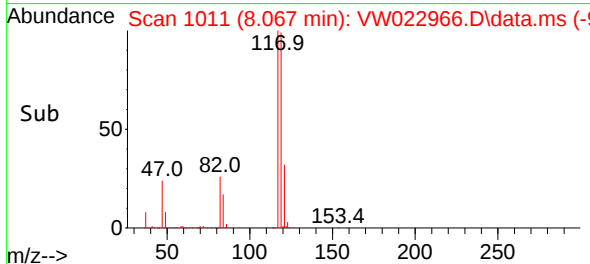
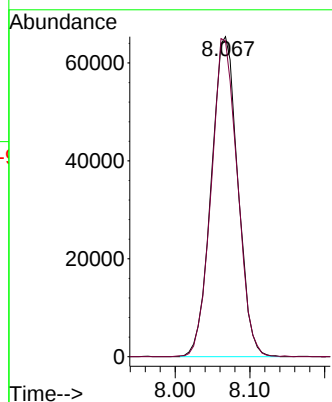
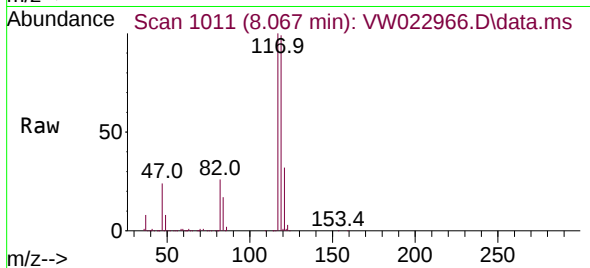




#31
Carbon tetrachloride
Concen: 23.648 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW022966.D
Acq: 11 May 2022 08:41

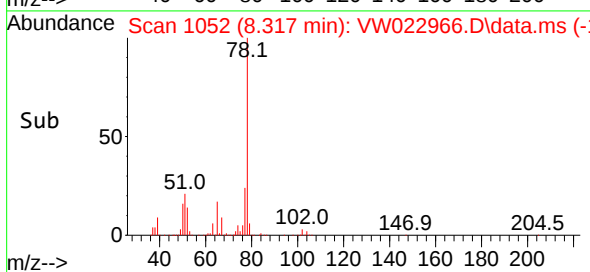
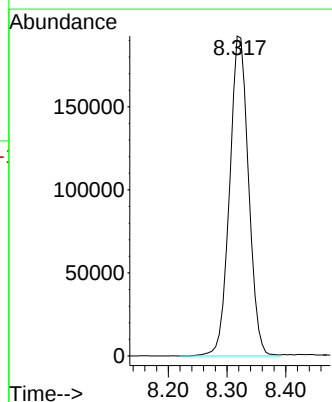
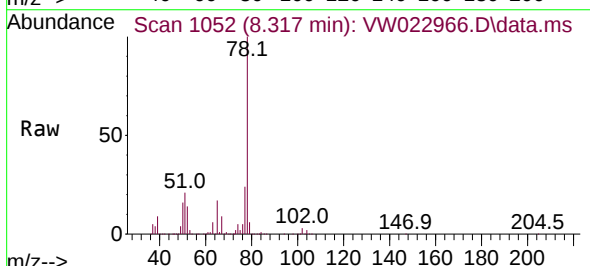
Instrument :
MSVOA_W
ClientSampleId :
VSTD025526

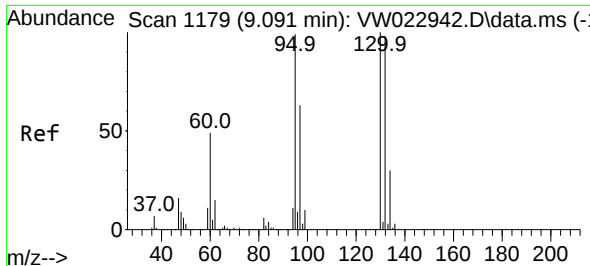
Tgt Ion:117 Resp: 161309
Ion Ratio Lower Upper
117 100
119 97.9 76.6 115.0



#33
Benzene
Concen: 23.784 ug/L
RT: 8.317 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VW022966.D
Acq: 11 May 2022 08:41

Tgt Ion: 78 Resp: 432333

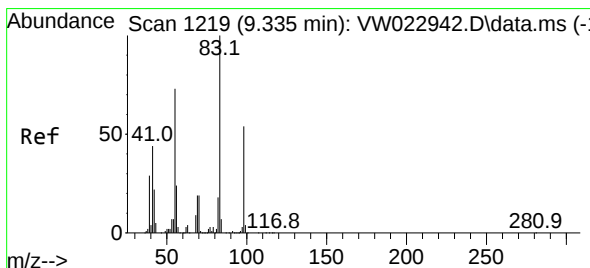
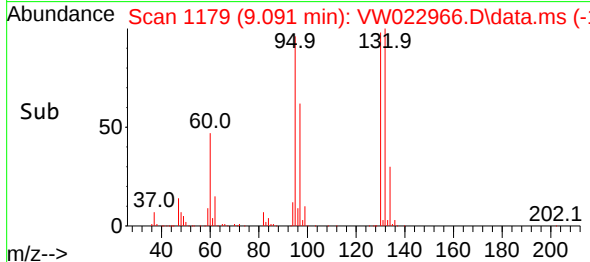
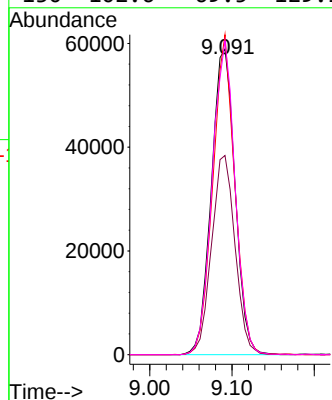
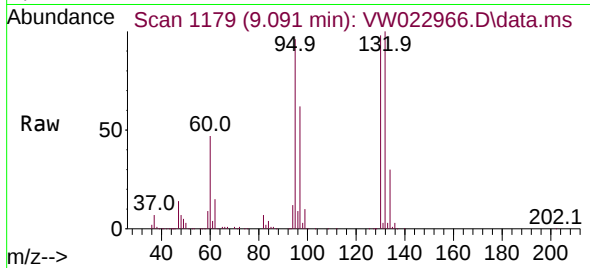




#34
Trichloroethene
Concen: 23.600 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW022966.D
Acq: 11 May 2022 08:41

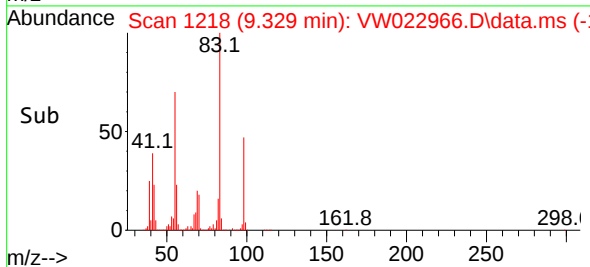
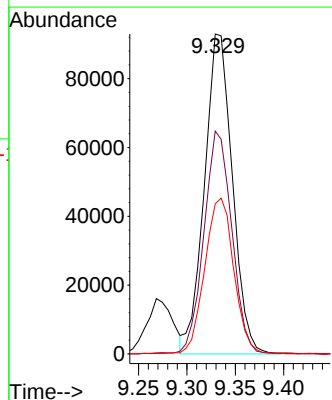
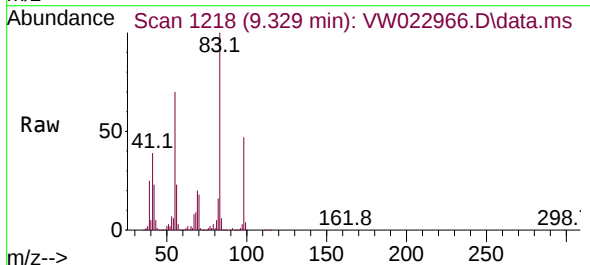
Instrument :
MSVOA_W
ClientSampleId :
VSTD025526

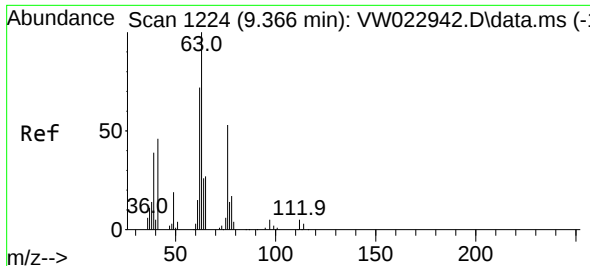
Tgt Ion: 95 Resp: 117981
Ion Ratio Lower Upper
95 100
97 65.2 46.1 85.7
132 104.7 66.9 124.3
130 102.6 69.5 129.1



#35
Methylcyclohexane
Concen: 22.797 ug/L
RT: 9.329 min Scan# 1218
Delta R.T. -0.006 min
Lab File: VW022966.D
Acq: 11 May 2022 08:41

Tgt Ion: 83 Resp: 187220
Ion Ratio Lower Upper
83 100
55 69.6 55.1 82.7
98 50.4 40.4 60.6





#37

1,2-Dichloropropane

Concen: 24.101 ug/L

RT: 9.366 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW022966.D

Acq: 11 May 2022 08:41

Instrument :

MSVOA_W

ClientSampleId :

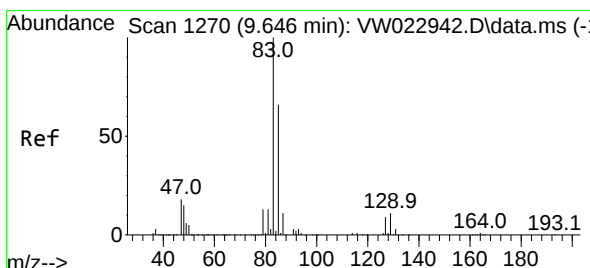
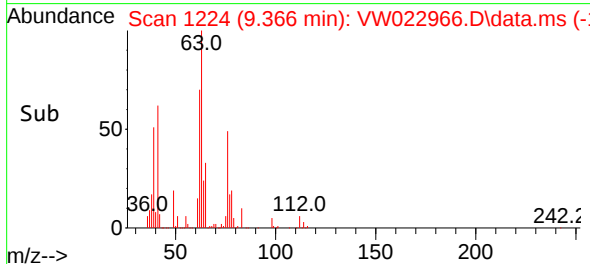
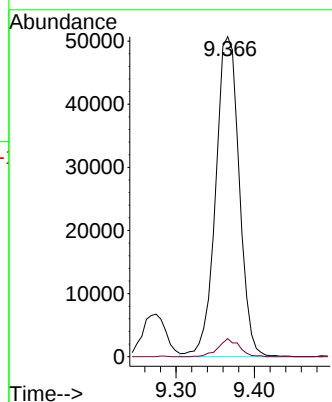
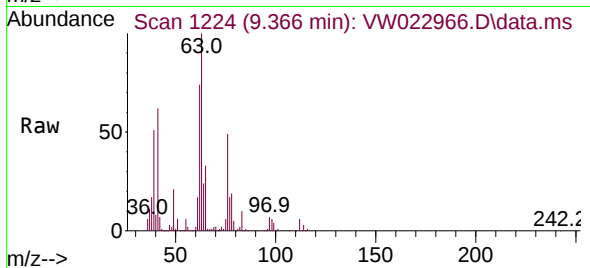
VSTD025526

Tgt Ion: 63 Resp: 106021

Ion Ratio Lower Upper

63 100

112 5.0 3.8 5.8



#38

Bromodichloromethane

Concen: 24.521 ug/L

RT: 9.640 min Scan# 1269

Delta R.T. -0.006 min

Lab File: VW022966.D

Acq: 11 May 2022 08:41

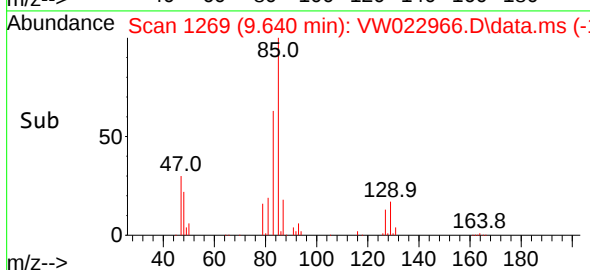
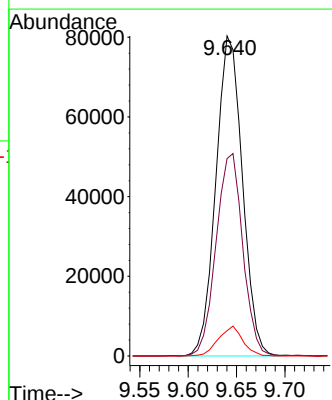
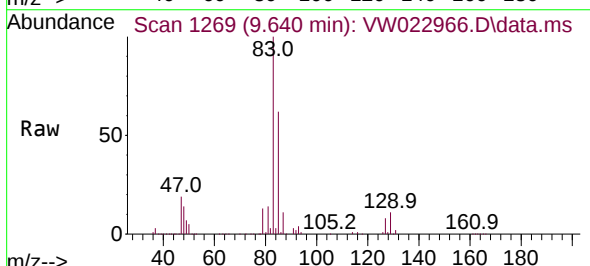
Tgt Ion: 83 Resp: 153209

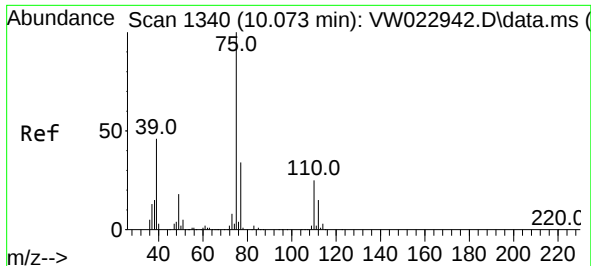
Ion Ratio Lower Upper

83 100

85 61.7 43.5 80.7

127 7.9 7.1 10.7





#39

cis-1,3-Dichloropropene

Concen: 24.611 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. 0.000 min

Lab File: VW022966.D

Acq: 11 May 2022 08:41

Instrument :

MSVOA_W

ClientSampleId :

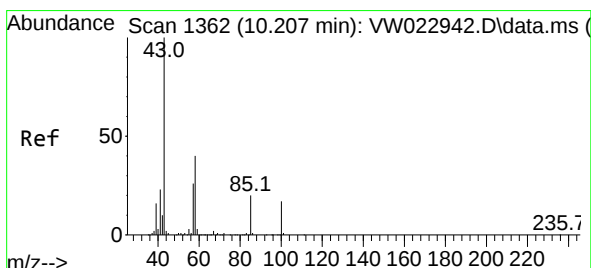
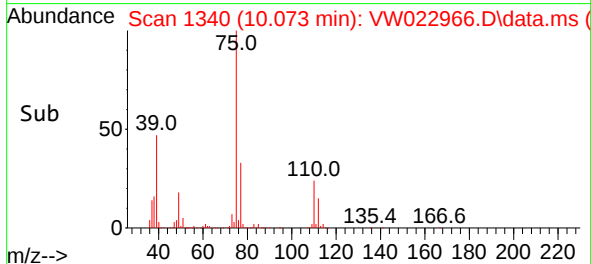
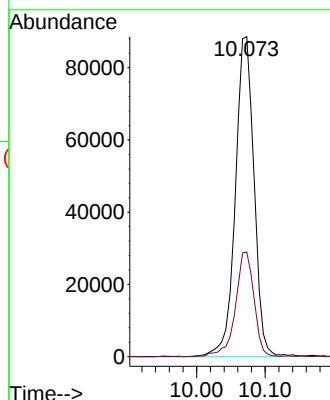
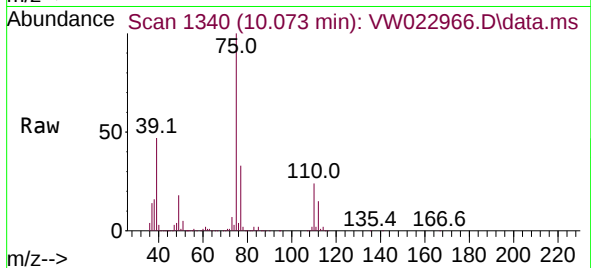
VSTD025526

Tgt Ion: 75 Resp: 167869

Ion Ratio Lower Upper

75 100

77 32.7 22.1 41.1



#40

4-Methyl-2-pentanone

Concen: 45.115 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW022966.D

Acq: 11 May 2022 08:41

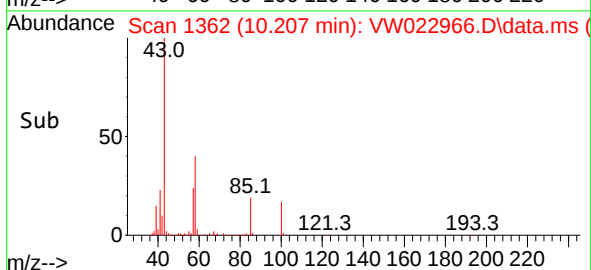
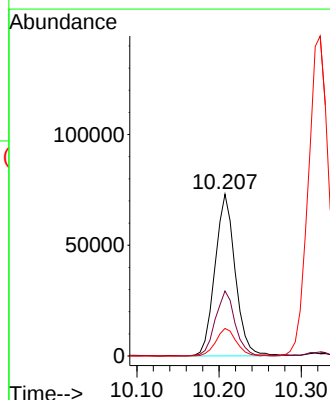
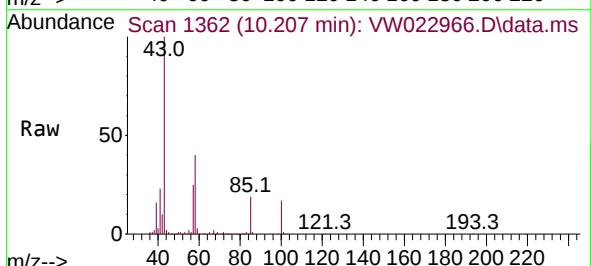
Tgt Ion: 43 Resp: 125089

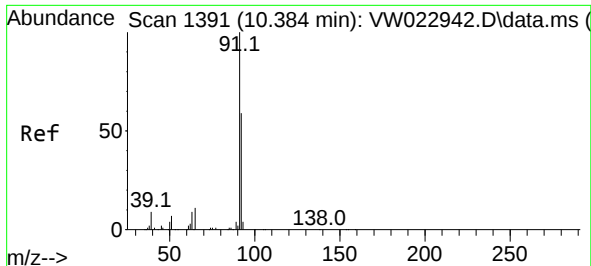
Ion Ratio Lower Upper

43 100

58 39.1 31.4 47.2

100 17.1 14.2 21.4

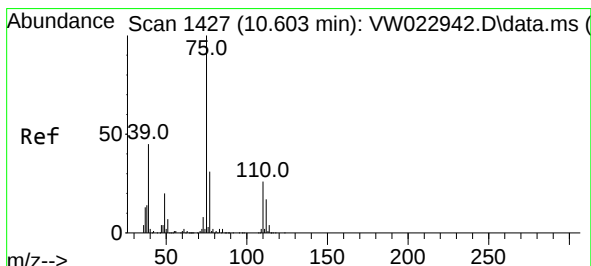
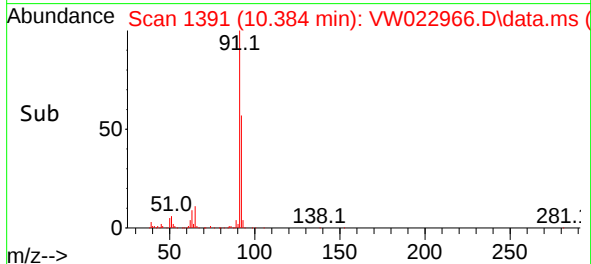
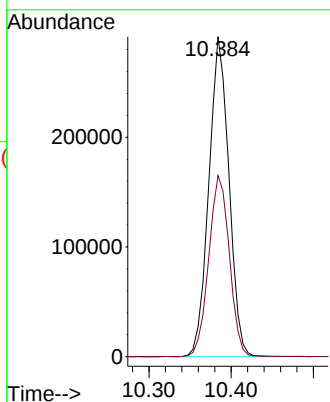
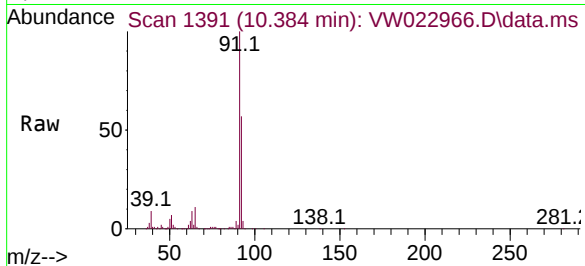




#42
Toluene
Concen: 24.311 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VW022966.D
Acq: 11 May 2022 08:41

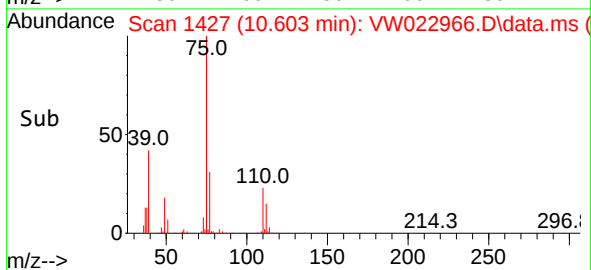
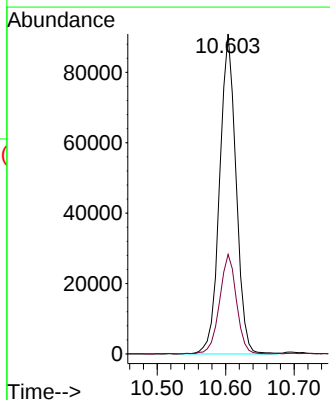
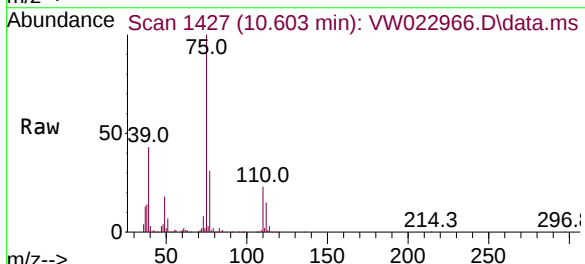
Instrument :
MSVOA_W
ClientSampleId :
VSTD025526

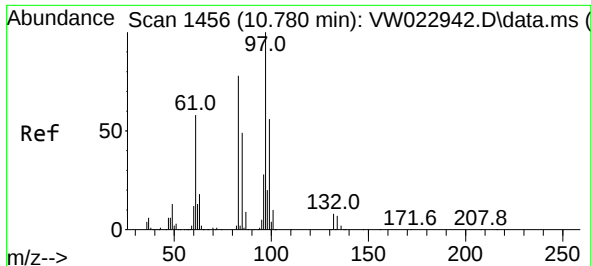
Tgt Ion: 91 Resp: 495253
Ion Ratio Lower Upper
91 100
92 56.6 41.6 77.2



#44
trans-1,3-Dichloropropene
Concen: 24.821 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW022966.D
Acq: 11 May 2022 08:41

Tgt Ion: 75 Resp: 151112
Ion Ratio Lower Upper
75 100
77 31.1 22.0 40.8

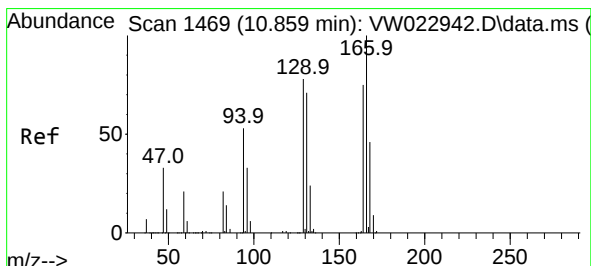
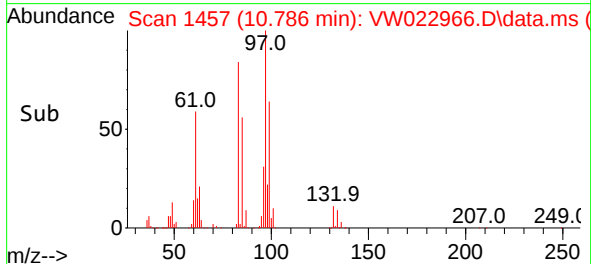
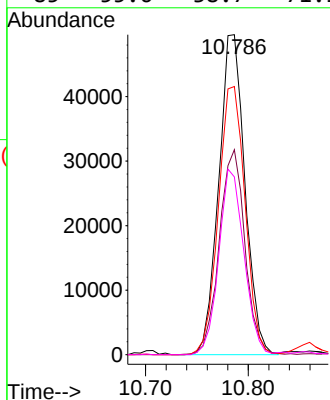
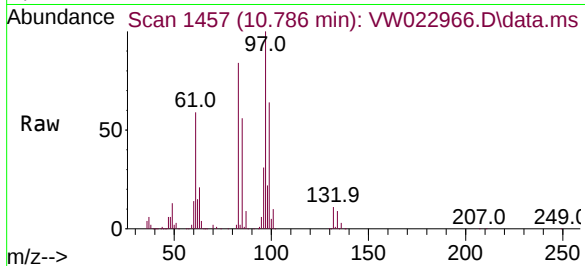




#45
1,1,2-Trichloroethane
Concen: 23.842 ug/L
RT: 10.786 min Scan# 1456
Delta R.T. 0.006 min
Lab File: VW022966.D
Acq: 11 May 2022 08:41

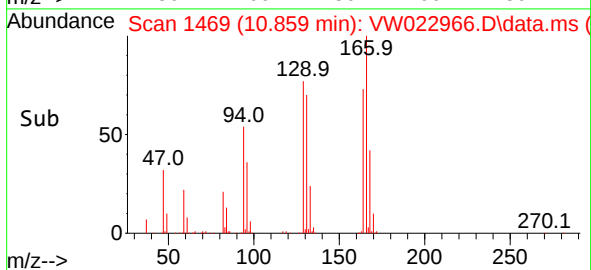
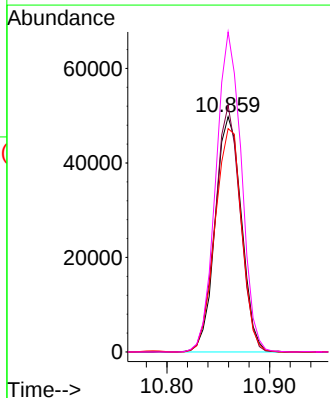
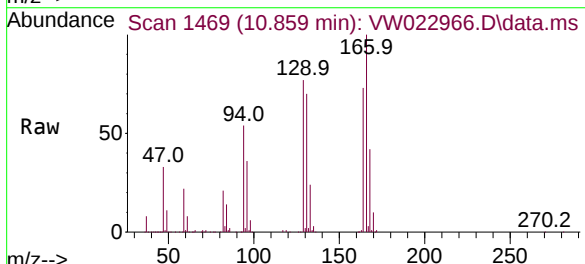
Instrument :
MSVOA_W
ClientSampleId :
VSTD025526

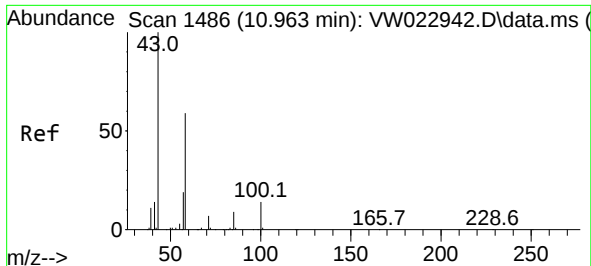
Tgt Ion: 97	Resp: 87675
Ion Ratio	Lower Upper
97 100	
99 64.1	44.7 82.9
83 83.8	58.4 108.4
85 55.6	38.7 71.9



#46
Tetrachloroethene
Concen: 23.395 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW022966.D
Acq: 11 May 2022 08:41

Tgt	Ion:164	Resp:	87893
Ion	Ratio	Lower	Upper
164	100		
129	104.8	76.9	142.7
131	95.0	75.1	139.5
166	136.1	96.0	178.2

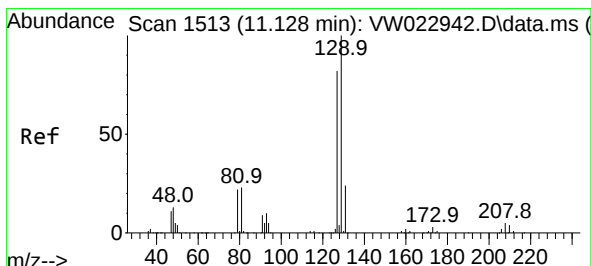
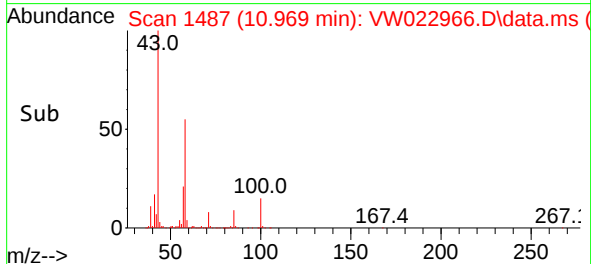
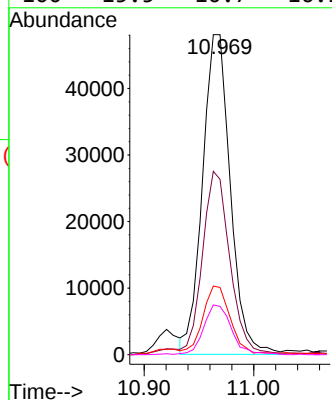
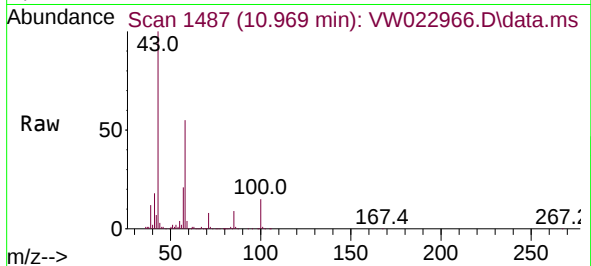




#48
2-Hexanone
Concen: 45.898 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.006 min
Lab File: VW022966.D
Acq: 11 May 2022 08:41

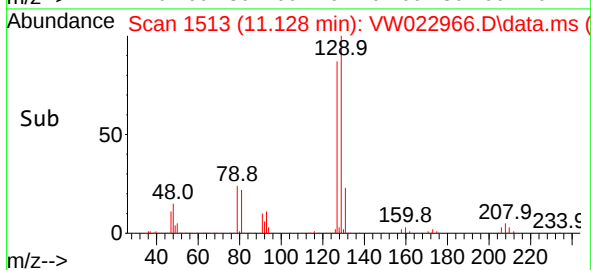
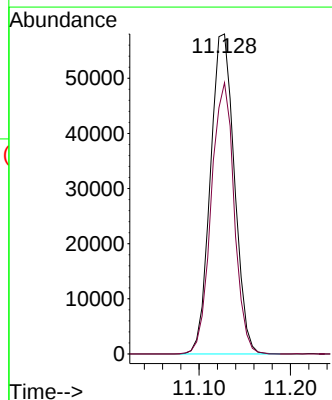
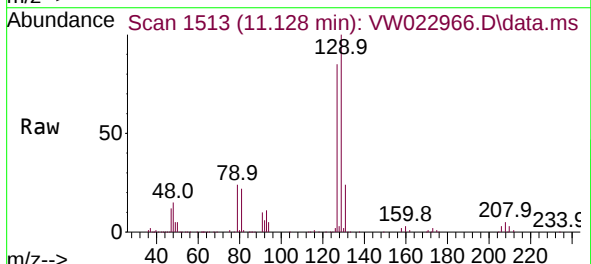
Instrument :
MSVOA_W
ClientSampleId :
VSTD025526

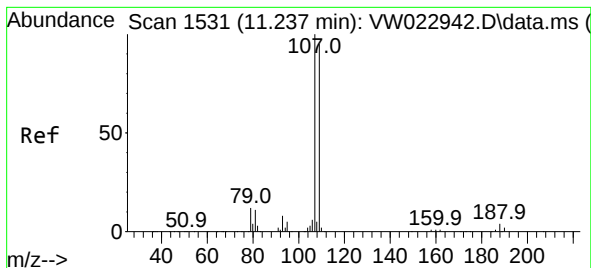
Tgt Ion: 43 Resp: 85029
Ion Ratio Lower Upper
43 100
58 56.4 45.9 68.9
57 20.9 16.2 24.2
100 15.5 10.7 16.1



#49
Dibromochloromethane
Concen: 23.911 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW022966.D
Acq: 11 May 2022 08:41

Tgt Ion: 129 Resp: 105828
Ion Ratio Lower Upper
129 100
127 84.8 53.8 100.0

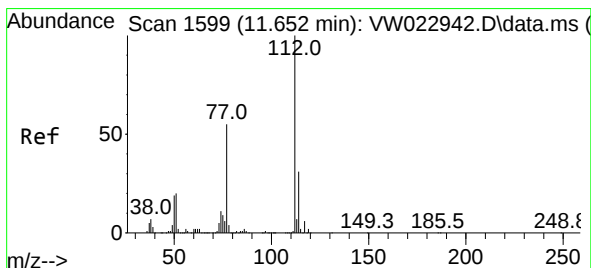
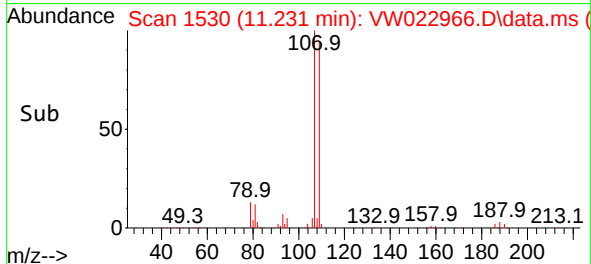
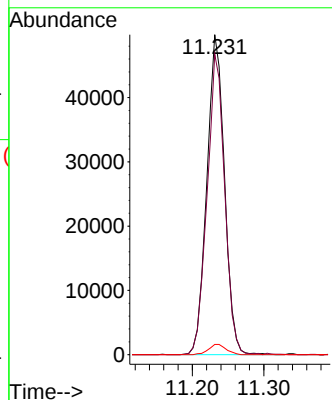
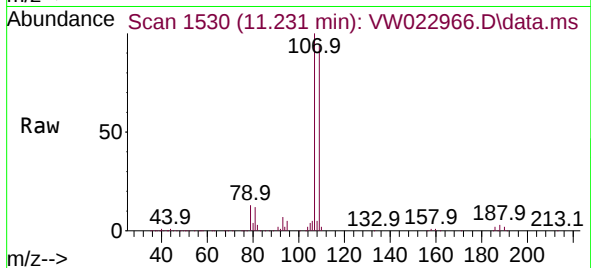




#50
1,2-Dibromoethane
Concen: 23.103 ug/L
RT: 11.231 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW022966.D
Acq: 11 May 2022 08:41

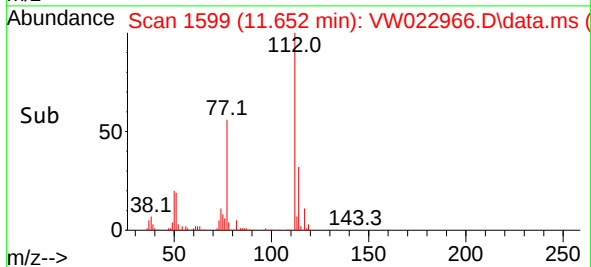
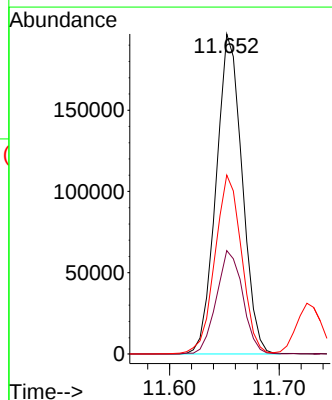
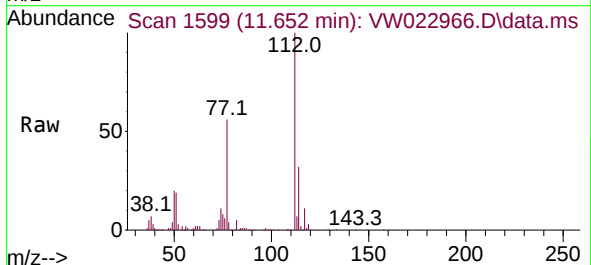
Instrument :
MSVOA_W
ClientSampleId :
VSTD025526

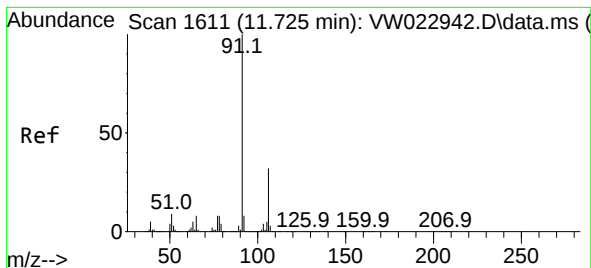
Tgt Ion:107 Resp: 85309
Ion Ratio Lower Upper
107 100
109 93.8 67.5 125.4
188 3.2 2.9 4.3



#51
Chlorobenzene
Concen: 24.207 ug/L
RT: 11.652 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VW022966.D
Acq: 11 May 2022 08:41

Tgt Ion:112 Resp: 325099
Ion Ratio Lower Upper
112 100
114 32.3 22.0 41.0
77 55.9 42.6 63.8

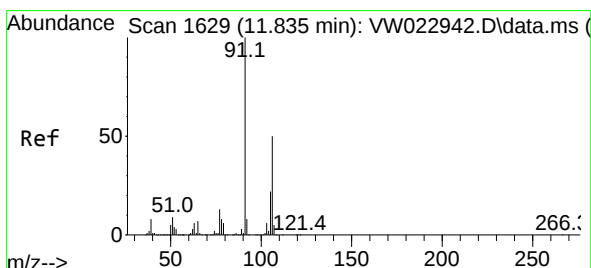
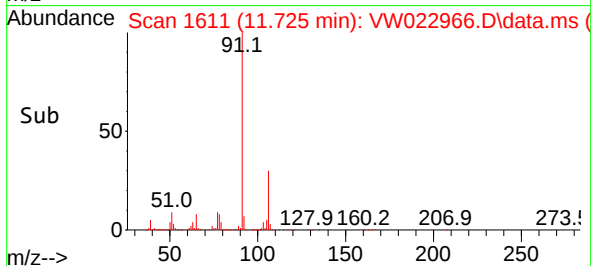
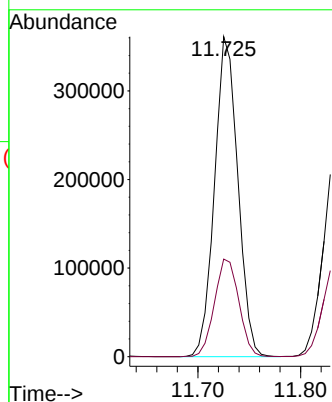
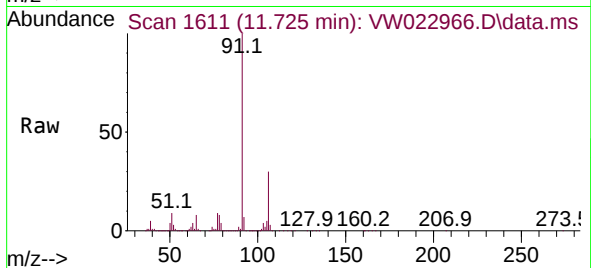




#52
Ethylbenzene
Concen: 25.085 ug/L
RT: 11.725 min Scan# 1611
Delta R.T. 0.000 min
Lab File: VW022966.D
Acq: 11 May 2022 08:41

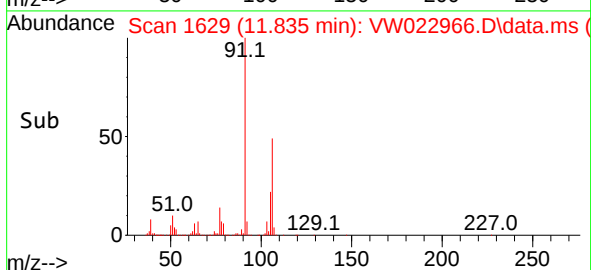
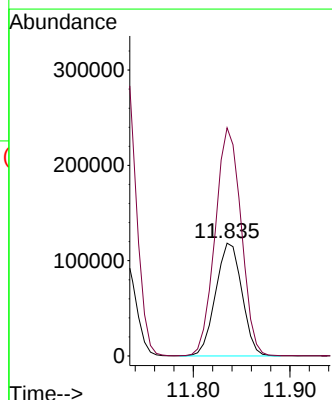
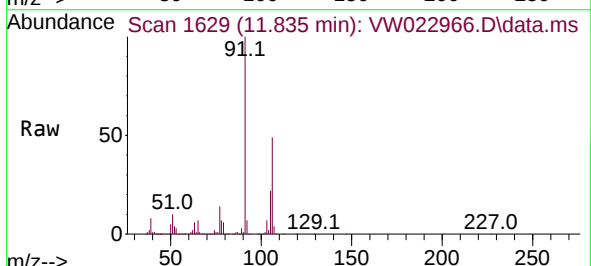
Instrument :
MSVOA_W
ClientSampleId :
VSTD025526

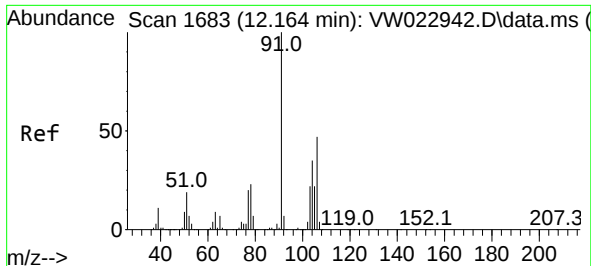
Tgt Ion: 91 Resp: 568513
Ion Ratio Lower Upper
91 100
106 30.5 22.3 41.3



#53
m,p-Xylene
Concen: 25.008 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW022966.D
Acq: 11 May 2022 08:41

Tgt Ion: 106 Resp: 223326
Ion Ratio Lower Upper
106 100
91 202.1 136.8 254.0

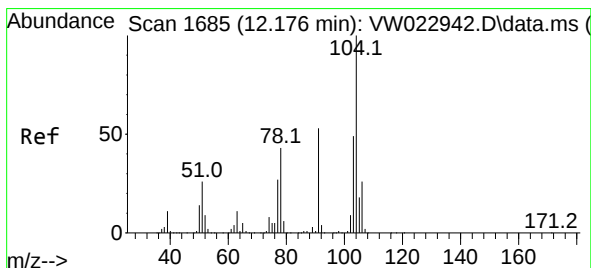
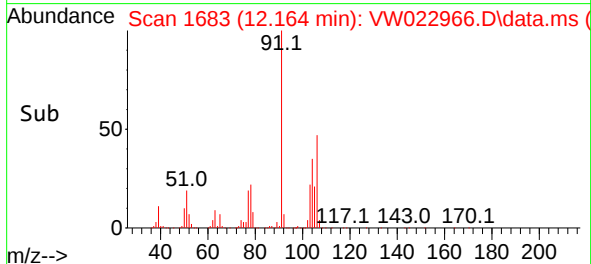
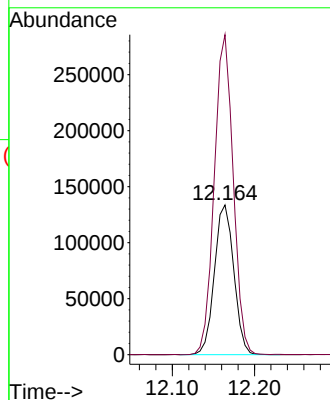
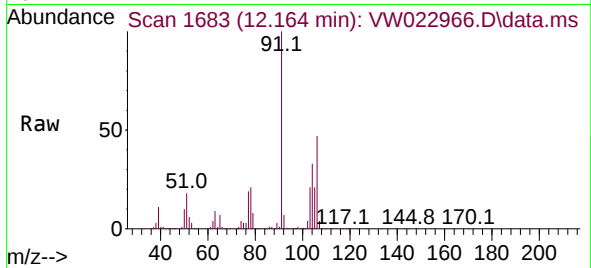




#54
o-Xylene
Concen: 25.571 ug/L
RT: 12.164 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW022966.D
Acq: 11 May 2022 08:41

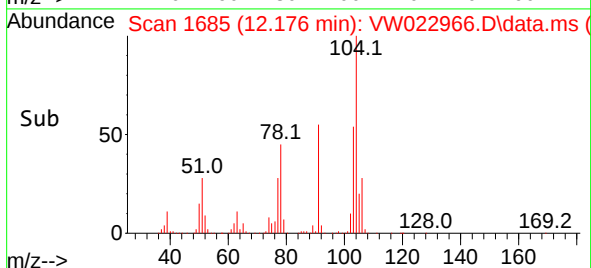
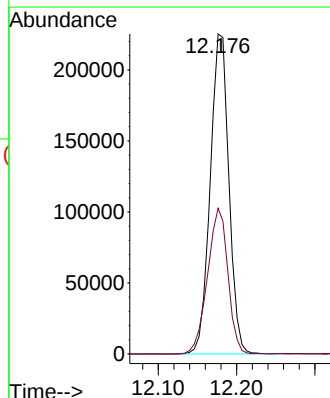
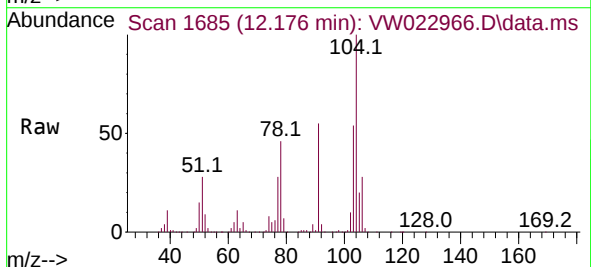
Instrument :
MSVOA_W
ClientSampleId :
VSTD025526

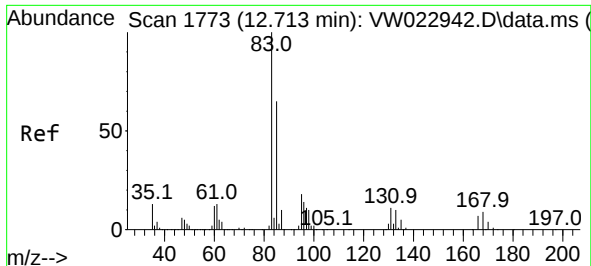
Tgt Ion:106 Resp: 219128
Ion Ratio Lower Upper
106 100
91 213.6 147.2 273.4



#55
Styrene
Concen: 25.600 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW022966.D
Acq: 11 May 2022 08:41

Tgt Ion:104 Resp: 372781
Ion Ratio Lower Upper
104 100
78 45.5 32.3 59.9





#57

1,1,2,2-Tetrachloroethane

Concen: 23.945 ug/L

RT: 12.713 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW022966.D

Acq: 11 May 2022 08:41

Instrument :

MSVOA_W

ClientSampleId :

VSTD025526

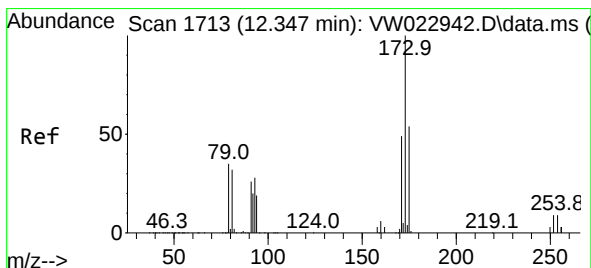
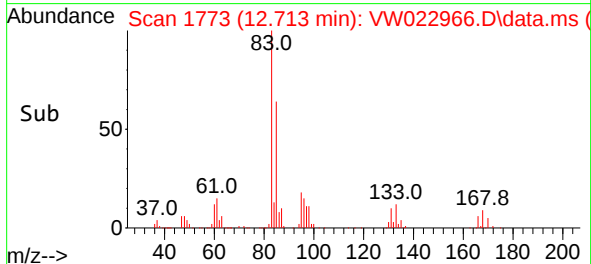
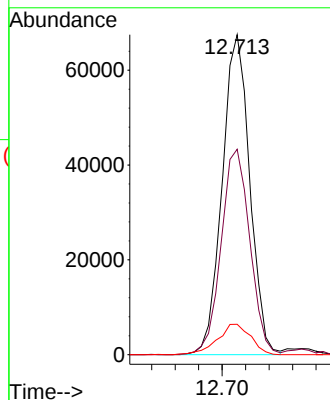
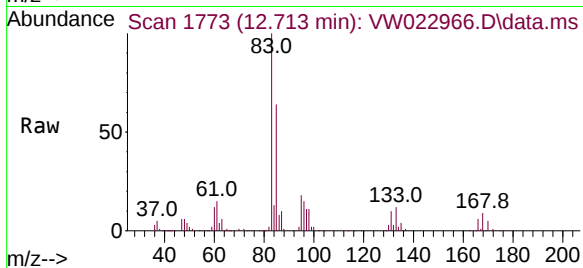
Tgt Ion: 83 Resp: 109980

Ion Ratio Lower Upper

83 100

85 64.2 47.5 88.1

131 9.5 8.7 13.1



#59

Bromoform

Concen: 23.642 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. 0.000 min

Lab File: VW022966.D

Acq: 11 May 2022 08:41

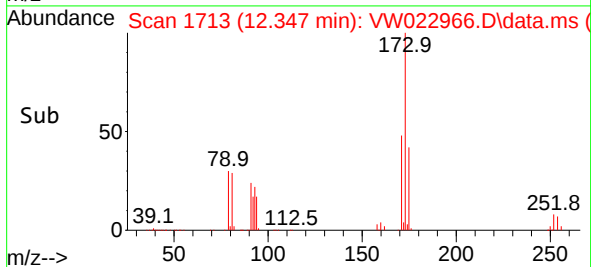
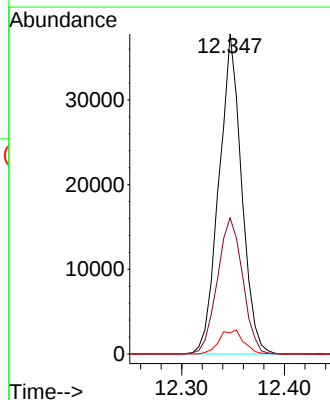
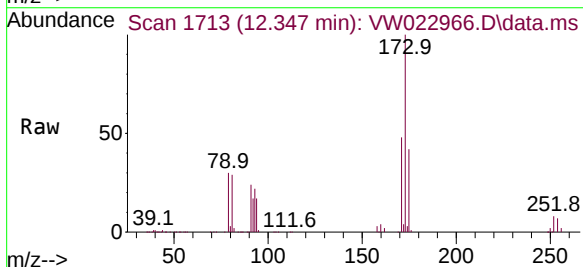
Tgt Ion: 173 Resp: 57851

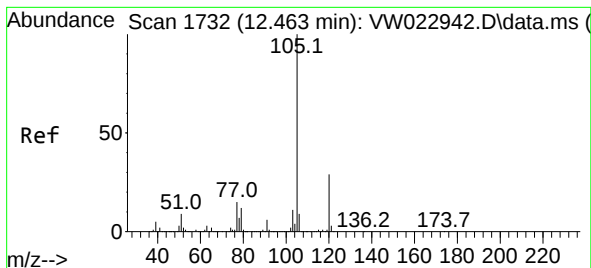
Ion Ratio Lower Upper

173 100

175 47.4 38.1 57.1

254 8.0 6.5 9.7





#60

Isopropylbenzene

Concen: 25.341 ug/L

RT: 12.463 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW022966.D

Acq: 11 May 2022 08:41

Instrument :

MSVOA_W

ClientSampleId :

VSTD025526

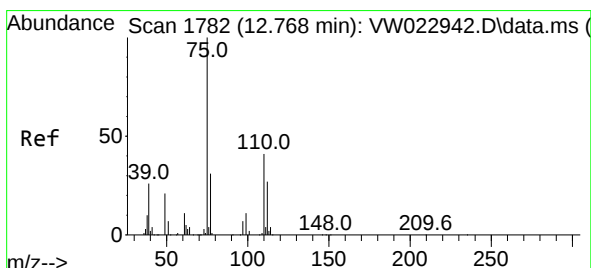
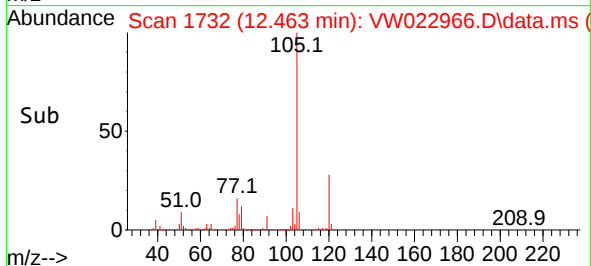
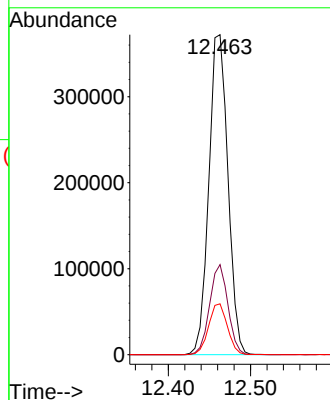
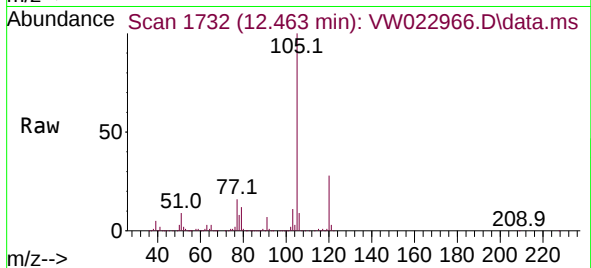
Tgt Ion:105 Resp: 599424

Ion Ratio Lower Upper

105 100

120 27.0 21.3 31.9

77 15.7 12.6 19.0



#61

1,2,3-Trichloropropane

Concen: 22.615 ug/L

RT: 12.768 min Scan# 1782

Delta R.T. 0.000 min

Lab File: VW022966.D

Acq: 11 May 2022 08:41

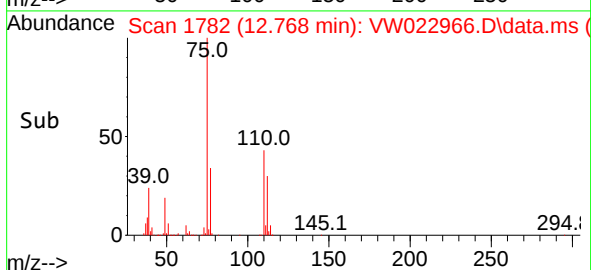
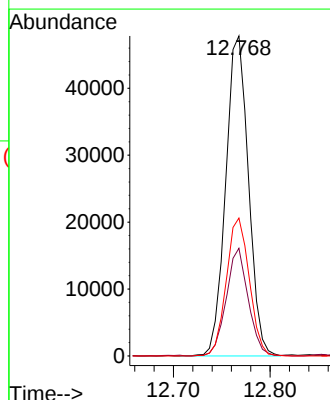
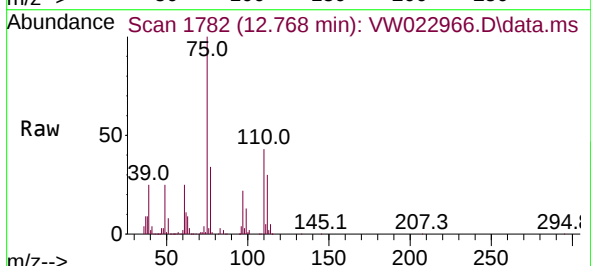
Tgt Ion: 75 Resp: 78024

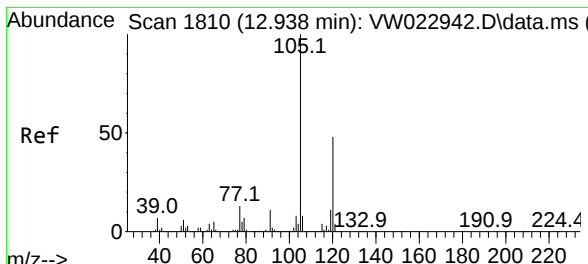
Ion Ratio Lower Upper

75 100

77 32.5 26.2 39.2

110 43.5 34.1 51.1

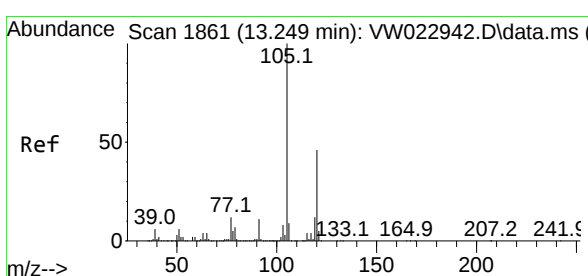
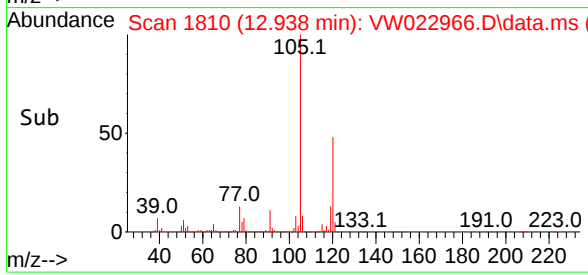
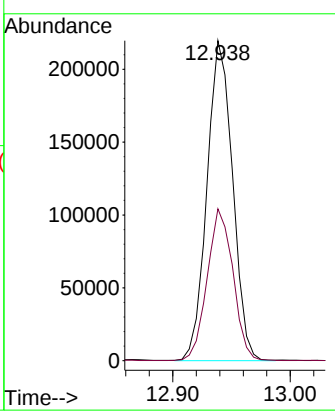
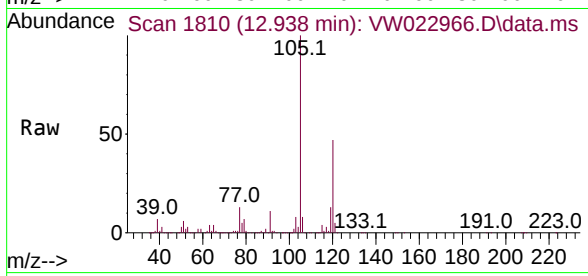




#62
 1,3,5-Trimethylbenzene
 Concen: 25.330 ug/L
 RT: 12.938 min Scan# 1810
 Delta R.T. 0.000 min
 Lab File: VW022966.D
 Acq: 11 May 2022 08:41

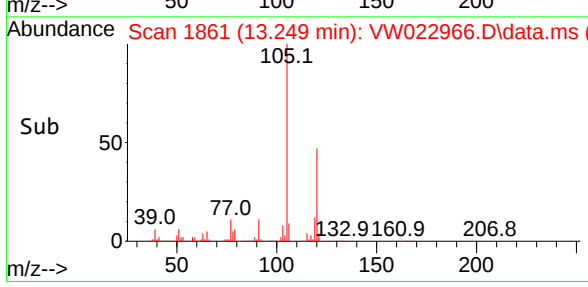
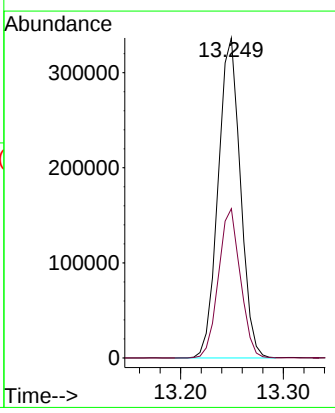
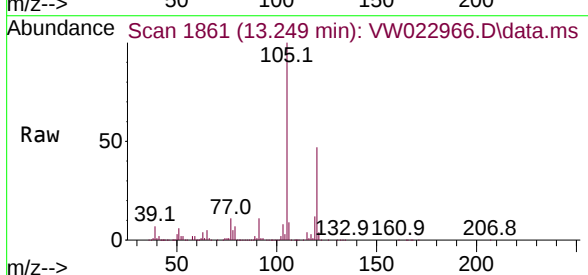
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025526

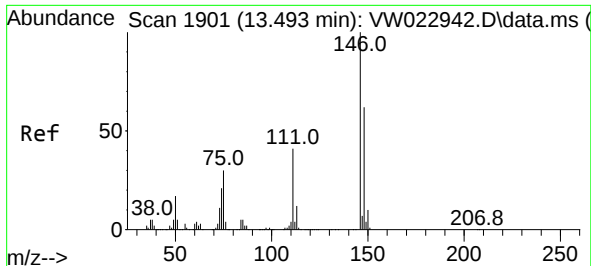
Tgt Ion:105 Resp: 333339
 Ion Ratio Lower Upper
 105 100
 120 47.7 38.9 58.3



#63
 1,2,4-Trimethylbenzene
 Concen: 25.591 ug/L
 RT: 13.249 min Scan# 1861
 Delta R.T. 0.000 min
 Lab File: VW022966.D
 Acq: 11 May 2022 08:41

Tgt Ion:105 Resp: 505681
 Ion Ratio Lower Upper
 105 100
 120 45.8 37.4 56.2

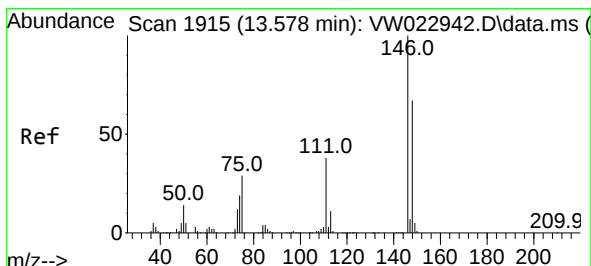
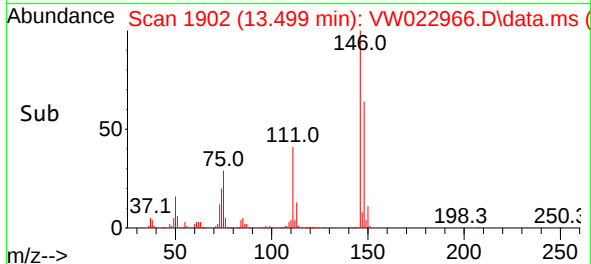
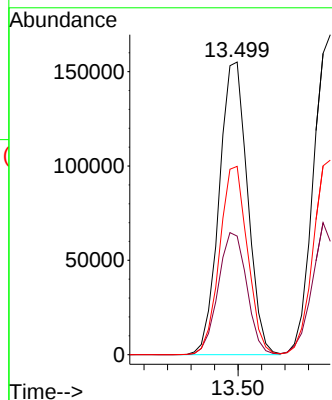
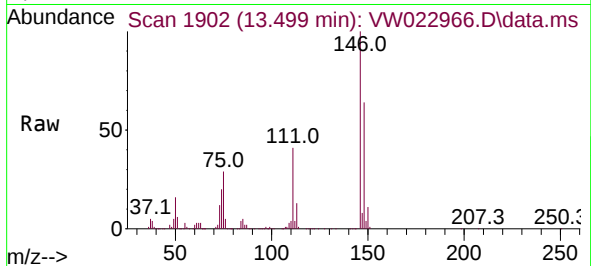




#64
1,3-Dichlorobenzene
Concen: 24.629 ug/L
RT: 13.499 min Scan# 1901
Delta R.T. 0.006 min
Lab File: VW022966.D
Acq: 11 May 2022 08:41

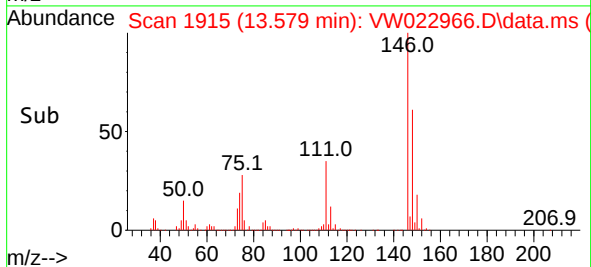
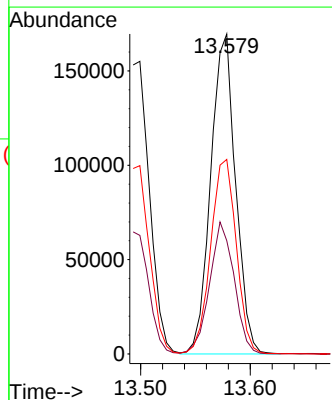
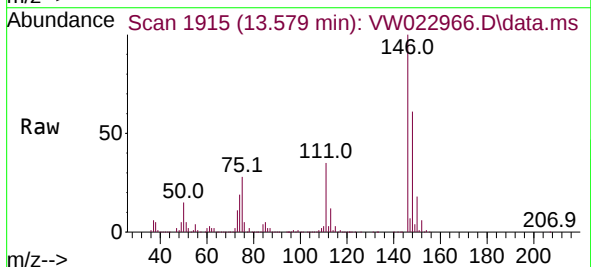
Instrument :
MSVOA_W
ClientSampleId :
VSTD025526

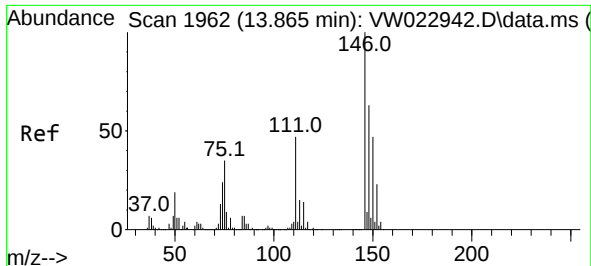
Tgt Ion:146 Resp: 260111
Ion Ratio Lower Upper
146 100
111 40.5 29.5 54.9
148 64.3 48.6 90.2



#65
1,4-Dichlorobenzene
Concen: 24.545 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW022966.D
Acq: 11 May 2022 08:41

Tgt Ion:146 Resp: 267753
Ion Ratio Lower Upper
146 100
111 35.4 27.2 50.4
148 60.8 44.0 81.6





#67

1,2-Dichlorobenzene

Concen: 25.009 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VW022966.D

Acq: 11 May 2022 08:41

Instrument :

MSVOA_W

ClientSampleId :

VSTD025526

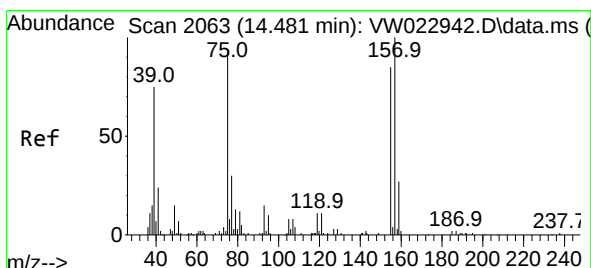
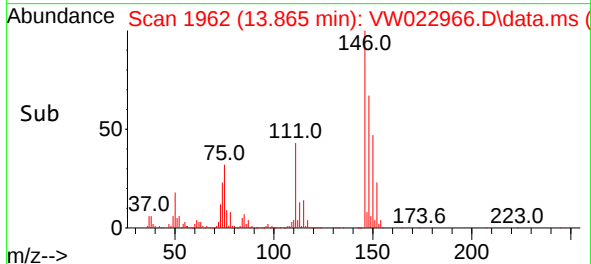
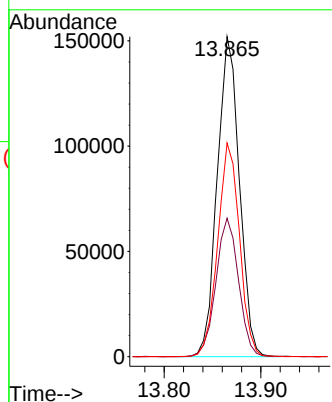
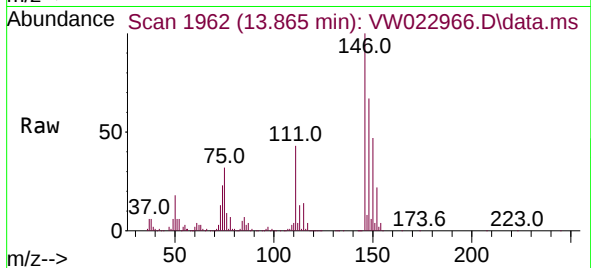
Tgt Ion:146 Resp: 241690

Ion Ratio Lower Upper

146 100

111 43.3 35.7 53.5

148 66.7 52.6 79.0



#68

1,2-Dibromo-3-chloropropane

Concen: 20.819 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW022966.D

Acq: 11 May 2022 08:41

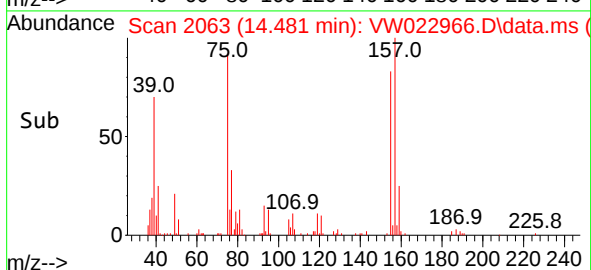
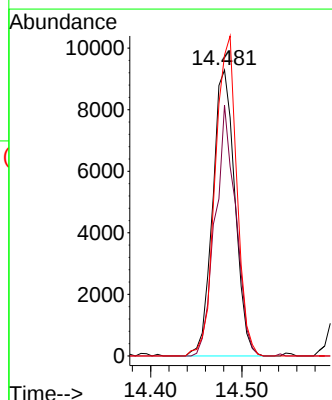
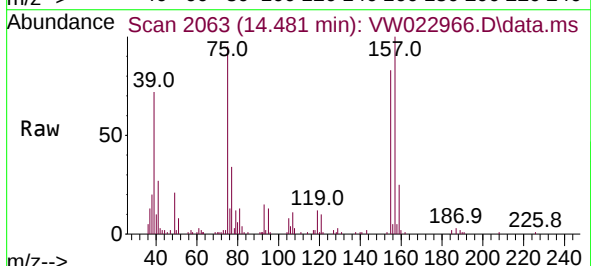
Tgt Ion: 75 Resp: 15698

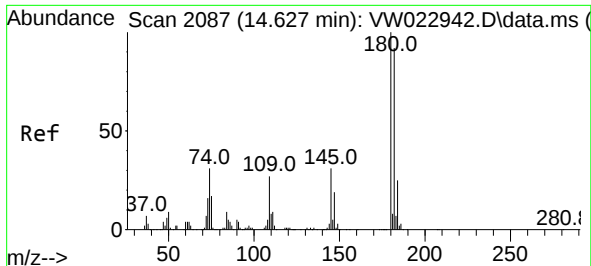
Ion Ratio Lower Upper

75 100

155 87.8 59.3 88.9

157 105.2 89.8 134.8

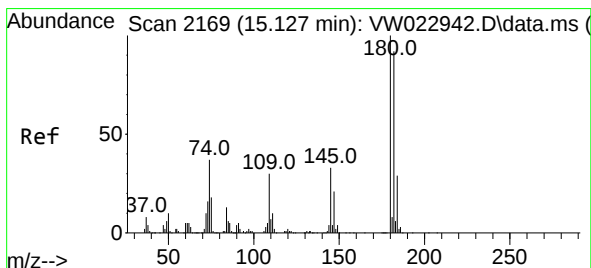
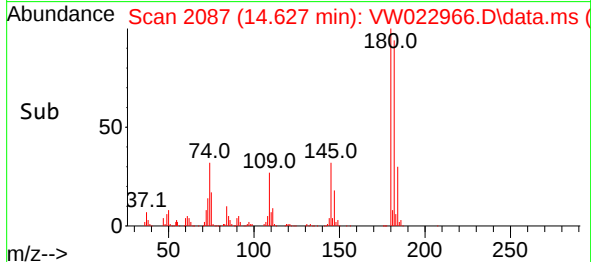
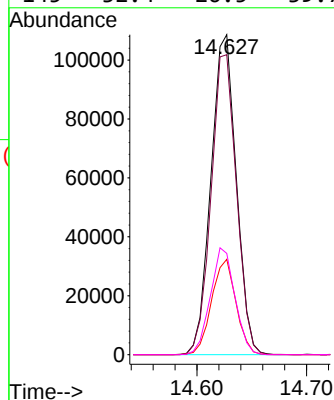
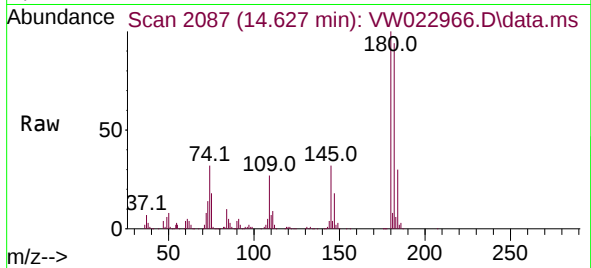




#69
1,3,5-Trichlorobenzene
Concen: 24.867 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. 0.000 min
Lab File: VW022966.D
Acq: 11 May 2022 08:41

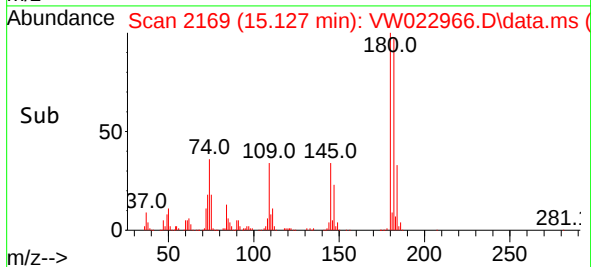
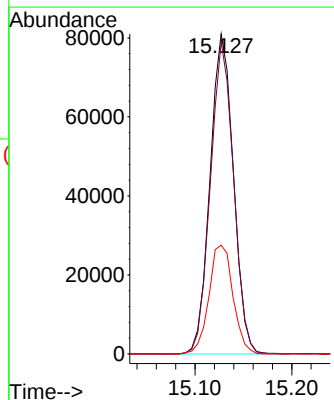
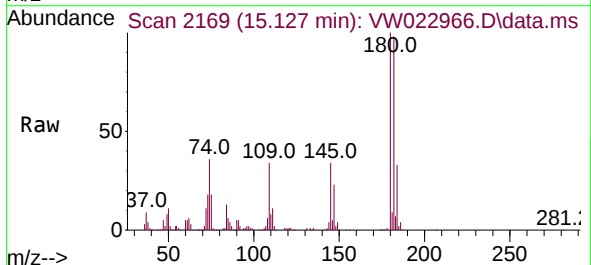
Instrument :
MSVOA_W
ClientSampleId :
VSTD025526

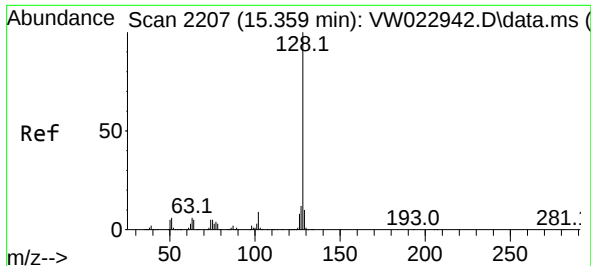
Tgt Ion:	180	Resp:	174328
Ion Ratio	Lower	Upper	
180	100		
182	93.5	74.8	112.2
184	28.8	23.4	35.2
145	32.4	26.5	39.7



#70
1,2,4-trichlorobenzene
Concen: 24.104 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. 0.000 min
Lab File: VW022966.D
Acq: 11 May 2022 08:41

Tgt Ion:	180	Resp:	135930
Ion Ratio	Lower	Upper	
180	100		
182	96.5	74.9	112.3
145	35.0	26.6	39.8

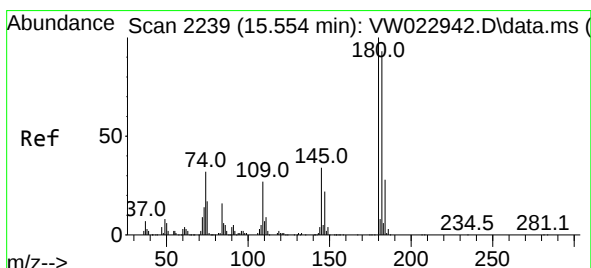
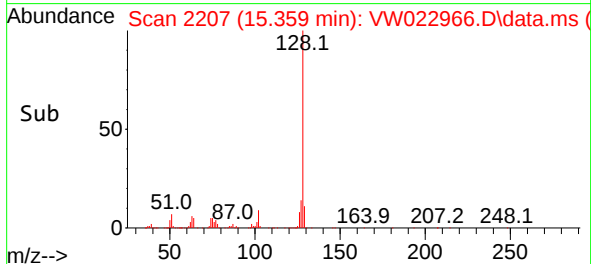
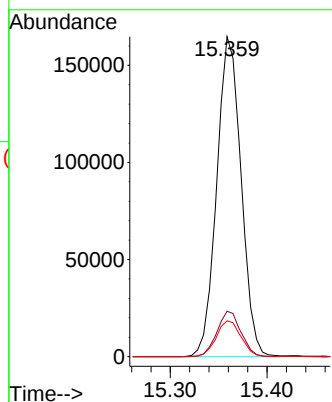
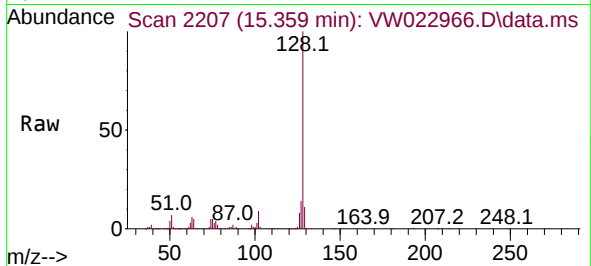




#71
Naphthalene
Concen: 23.500 ug/L
RT: 15.359 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW022966.D
Acq: 11 May 2022 08:41

Instrument :
MSVOA_W
ClientSampleId :
VSTD025526

Tgt Ion:128 Resp: 288030
Ion Ratio Lower Upper
128 100
127 14.0 10.6 16.0
129 11.4 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 24.252 ug/L
RT: 15.548 min Scan# 2238
Delta R.T. -0.006 min
Lab File: VW022966.D
Acq: 11 May 2022 08:41

Tgt Ion:180 Resp: 121210
Ion Ratio Lower Upper
180 100
182 95.0 73.5 110.3
145 35.3 27.9 41.9

