

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082422\
 Data File : VW024336.D
 Acq On : 24 Aug 2022 21:07
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.45g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025547

Quant Time: Aug 25 01:36:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Aug 25 01:31:24 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	228668	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	256353	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	148681	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.337	65	115306	24.124	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.480%
7) Chloroethane-d5	2.867	69	90939	30.542	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	122.160%
11) 1,1-Dichloroethene-d2	4.007	63	95702	17.569	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	70.280%
21) 2-Butanone-d5	6.970	46	222	0.250	ug/L	-0.11
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.500%#
24) Chloroform-d	7.647	84	163389	23.615	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.440%
26) 1,2-Dichloroethane-d4	8.305	65	105933	27.577	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	110.320%
32) Benzene-d6	8.275	84	300787	19.895	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	79.560%
36) 1,2-Dichloropropane-d6	9.268	67	99073	22.195	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.760%
41) Toluene-d8	10.323	98	292484	20.698	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.800%
43) trans-1,3-Dichloroprop...	10.579	79	42801	21.891	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.560%
47) 2-Hexanone-d5	10.921	63	55188	66.935	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	133.860%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	133450	30.814	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	123.240%#
66) 1,2-Dichlorobenzene-d4	13.853	152	121616	22.353	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.001	85	41545	20.651	ug/L	98
3) Chloromethane	2.209	50	83479	22.125	ug/L	96
5) Vinyl chloride	2.349	62	168333	32.050	ug/L	98
6) Bromomethane	2.757	94	107425	35.672	ug/L	98
8) Chloroethane	2.910	64	86001	37.381	ug/L	97
9) Trichlorofluoromethane	3.239	101	47239	18.973	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	4.044	101	68665	20.449	ug/L	95
12) 1,1-Dichloroethene	4.032	96	55734	20.274	ug/L	91
13) Acetone	4.123	43	37410	57.141	ug/L	71
14) Carbon disulfide	4.373	76	140127	15.929	ug/L	98
15) Methyl Acetate	4.666	43	41640	28.237	ug/L	92
16) Methylene chloride	4.909	84	87019	21.580	ug/L	94
17) trans-1,2-Dichloroethene	5.415	96	67345	21.213	ug/L	94
18) Methyl tert-butyl Ether	5.428	73	139156	30.739	ug/L	96
19) 1,1-Dichloroethane	6.208	63	143452	25.652	ug/L	99
20) cis-1,2-Dichloroethene	7.165	96	85542	24.535	ug/L #	95
22) 2-Butanone	7.165	43	69189	62.716	ug/L	98
23) Bromochloromethane	7.513	128	40093	23.090	ug/L	90
25) Chloroform	7.671	83	172875	28.054	ug/L	99

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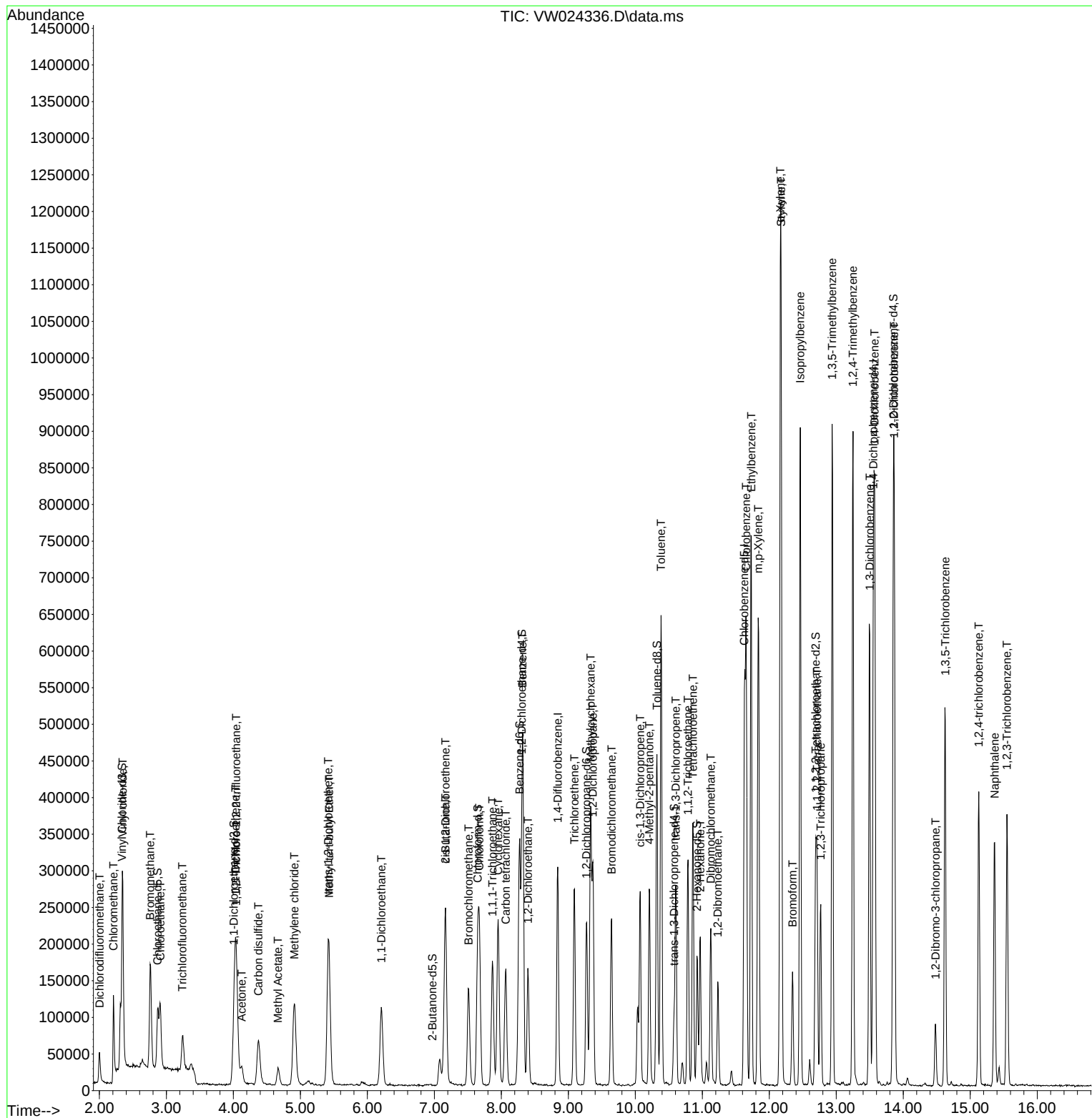
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	133439	32.180	ug/L	99
29) Cyclohexane	7.952	56	102856	19.571	ug/L	97
30) 1,1,1-Trichloroethane	7.866	97	125153	21.649	ug/L	96
31) Carbon tetrachloride	8.067	117	107106	19.638	ug/L	99
33) Benzene	8.317	78	383413	25.323	ug/L	100
34) Trichloroethene	9.092	95	86942	21.725	ug/L	94
35) Methylcyclohexane	9.335	83	133251	21.233	ug/L	95
37) 1,2-Dichloropropane	9.366	63	103362	27.617	ug/L	100
38) Bromodichloromethane	9.646	83	140276	26.722	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	136922	24.867	ug/L	96
40) 4-Methyl-2-pentanone	10.207	43	170005	68.441	ug/L	97
42) Toluene	10.384	91	444659	27.637	ug/L	96
44) trans-1,3-Dichloropropene	10.604	75	138804	27.588	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	88178	27.952	ug/L	94
46) Tetrachloroethene	10.860	164	67058	20.698	ug/L	95
48) 2-Hexanone	10.969	43	129166	76.623	ug/L	95
49) Dibromochloromethane	11.128	129	101729	26.787	ug/L	88
50) 1,2-Dibromoethane	11.231	107	84823	28.065	ug/L #	99
51) Chlorobenzene	11.652	112	292237	26.584	ug/L	91
52) Ethylbenzene	11.731	91	512650	29.082	ug/L	97
53) m,p-Xylene	11.835	106	200663	29.244	ug/L	98
54) o-Xylene	12.164	106	195146	30.104	ug/L	97
55) Styrene	12.176	104	367287	32.577	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	134438	34.100	ug/L	98
59) Bromoform	12.347	173	60439	26.650	ug/L	97
60) Isopropylbenzene	12.463	105	528664	29.372	ug/L	98
61) 1,2,3-Trichloropropane	12.768	75	93758	31.687	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	448776	30.172	ug/L	95
63) 1,2,4-Trimethylbenzene	13.249	105	443320	30.264	ug/L	98
64) 1,3-Dichlorobenzene	13.499	146	231392	26.254	ug/L	99
65) 1,4-Dichlorobenzene	13.573	146	239944	25.709	ug/L	97
67) 1,2-Dichlorobenzene	13.865	146	229650	27.439	ug/L	91
68) 1,2-Dibromo-3-chloropr...	14.481	75	21472	31.059	ug/L #	78
69) 1,3,5-Trichlorobenzene	14.627	180	135538	23.452	ug/L	96
70) 1,2,4-trichlorobenzene	15.127	180	106553	23.022	ug/L	99
71) Naphthalene	15.365	128	267223	29.642	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	100343	23.813	ug/L	96

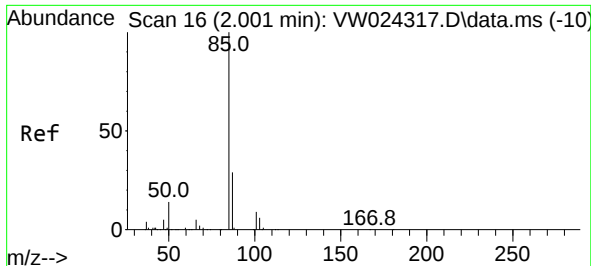
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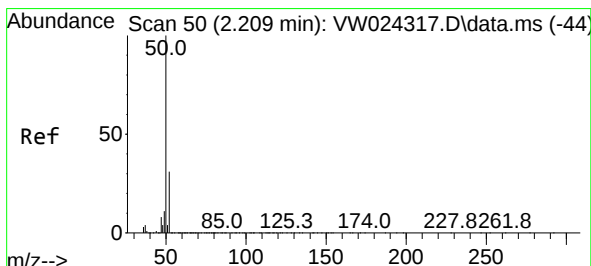
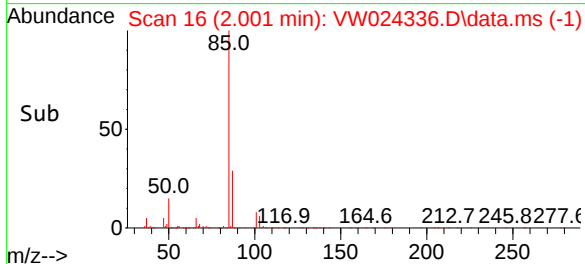
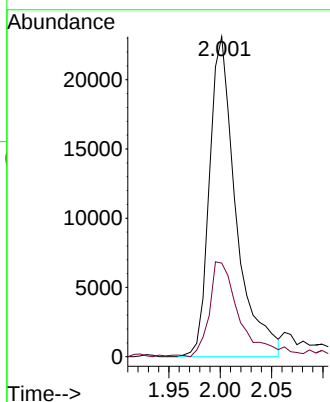
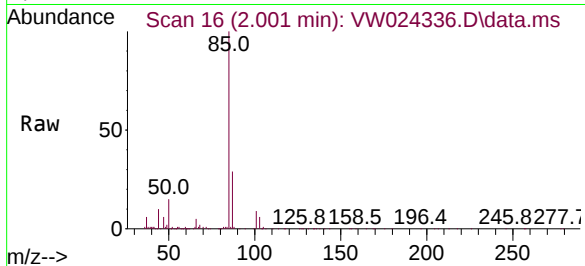




#2
Dichlorodifluoromethane
Concen: 20.651 ug/L
RT: 2.001 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW024336.D
Acq: 24 Aug 2022 21:07

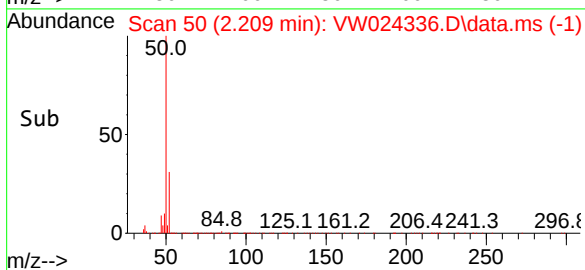
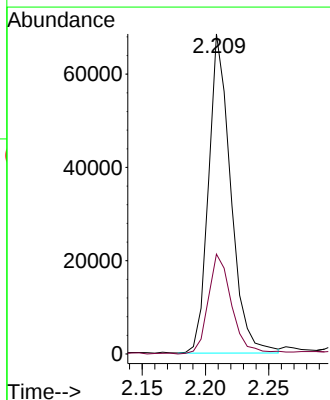
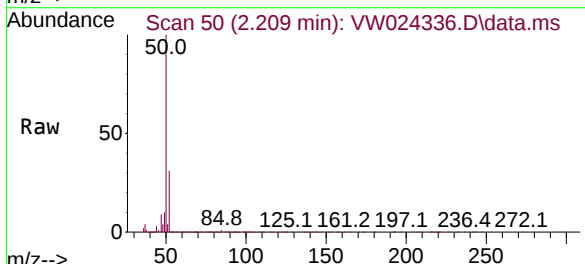
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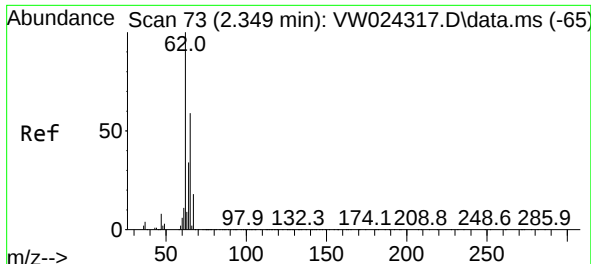
Tgt Ion: 85 Resp: 41545
Ion Ratio Lower Upper
85 100
87 29.6 24.5 36.7



#3
Chloromethane
Concen: 22.125 ug/L
RT: 2.209 min Scan# 50
Delta R.T. 0.000 min
Lab File: VW024336.D
Acq: 24 Aug 2022 21:07

Tgt Ion: 50 Resp: 83479
Ion Ratio Lower Upper
50 100
52 31.2 23.2 43.2

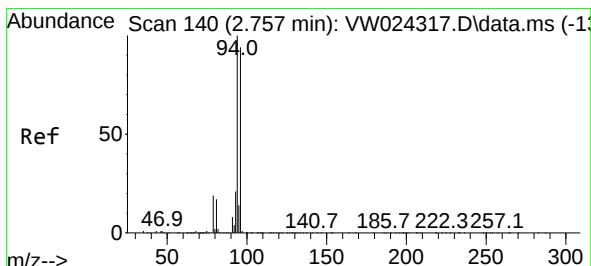
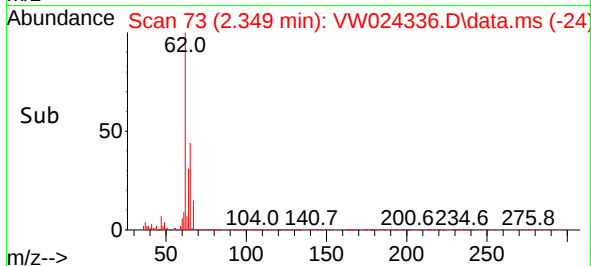
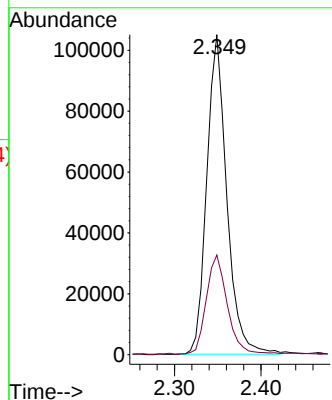
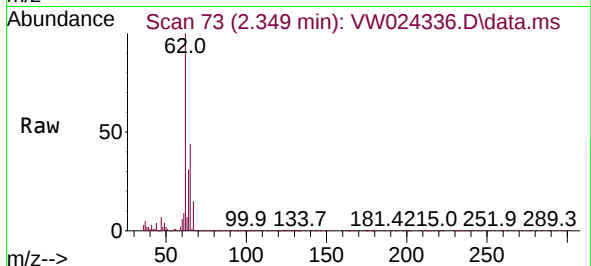




#5
 Vinyl chloride
 Concen: 32.050 ug/L
 RT: 2.349 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VW024336.D
 Acq: 24 Aug 2022 21:07

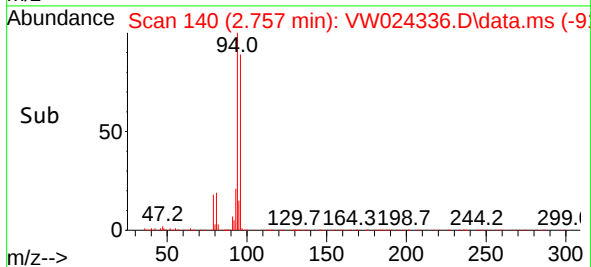
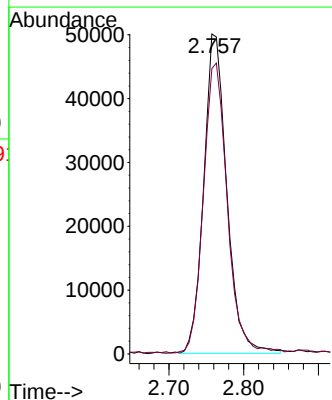
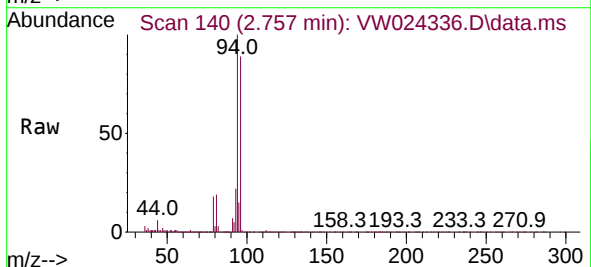
Instrument :
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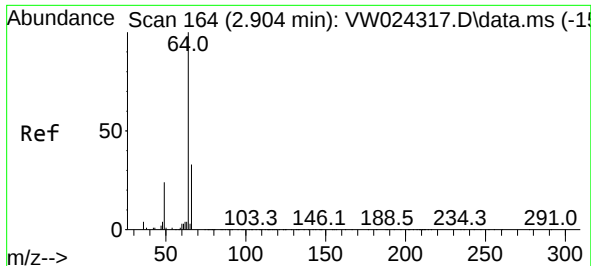
Tgt Ion: 62 Resp: 168333
 Ion Ratio Lower Upper
 62 100
 64 31.2 22.7 42.3



#6
 Bromomethane
 Concen: 35.672 ug/L
 RT: 2.757 min Scan# 140
 Delta R.T. 0.000 min
 Lab File: VW024336.D
 Acq: 24 Aug 2022 21:07

Tgt Ion: 94 Resp: 107425
 Ion Ratio Lower Upper
 94 100
 96 89.2 61.0 113.4

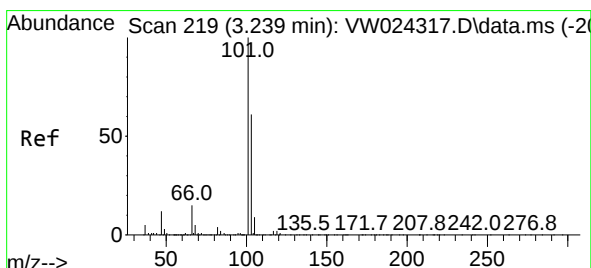
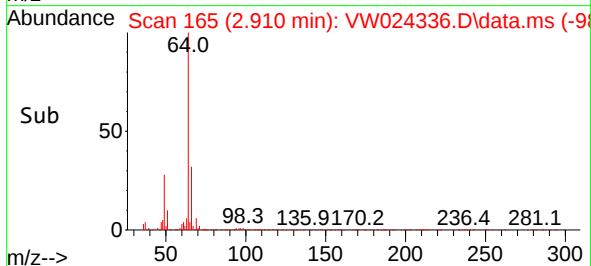
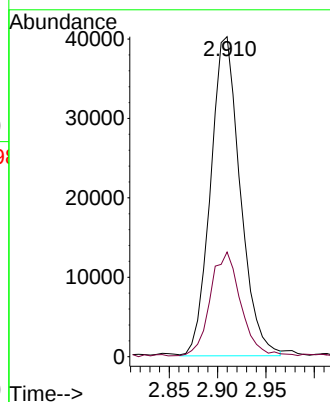
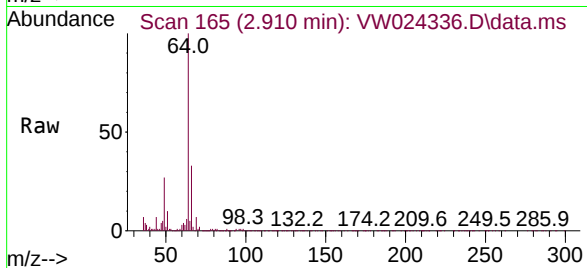




#8
Chloroethane
Concen: 37.381 ug/L
RT: 2.910 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW024336.D
Acq: 24 Aug 2022 21:07

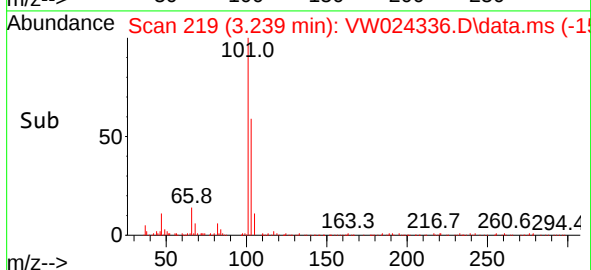
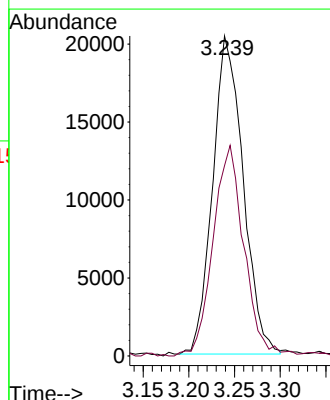
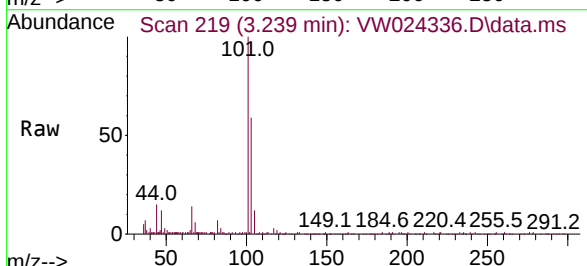
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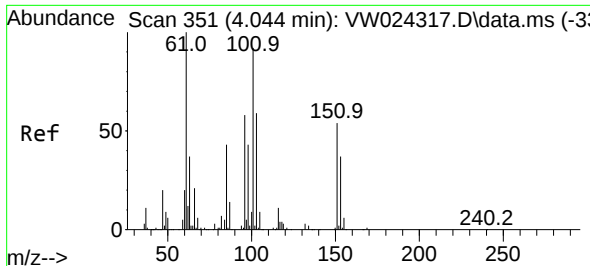
Tgt Ion: 64 Resp: 86001
Ion Ratio Lower Upper
64 100
66 32.7 21.6 40.0



#9
Trichlorofluoromethane
Concen: 18.973 ug/L
RT: 3.239 min Scan# 219
Delta R.T. 0.000 min
Lab File: VW024336.D
Acq: 24 Aug 2022 21:07

Tgt Ion: 101 Resp: 47239
Ion Ratio Lower Upper
101 100
103 65.9 50.5 75.7

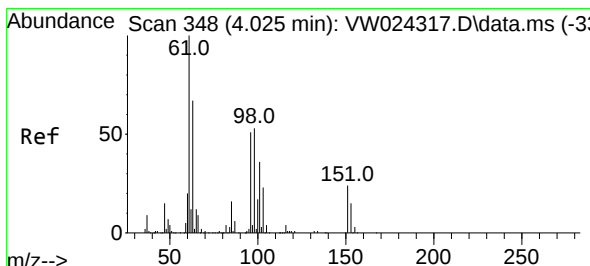
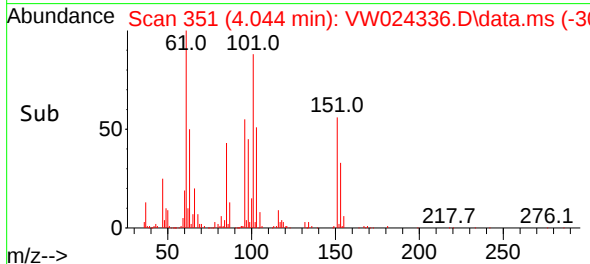
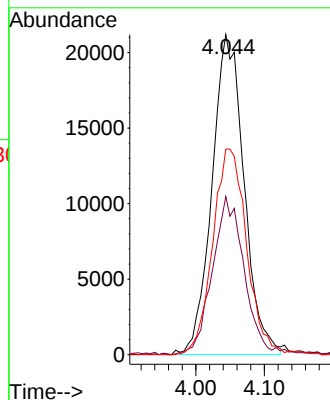
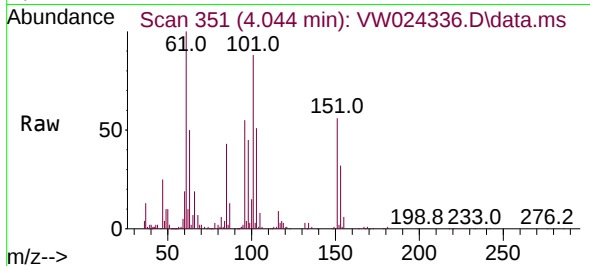




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 20.449 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. 0.000 min
 Lab File: VW024336.D
 Acq: 24 Aug 2022 21:07

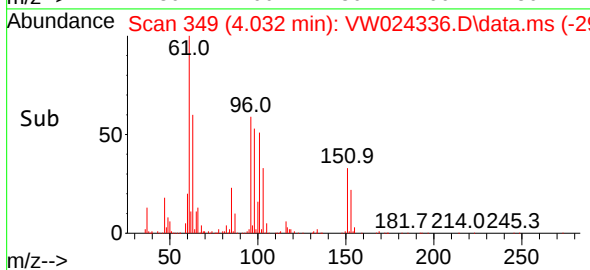
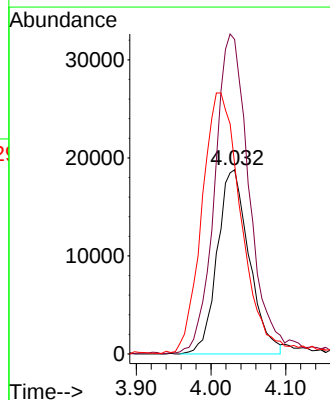
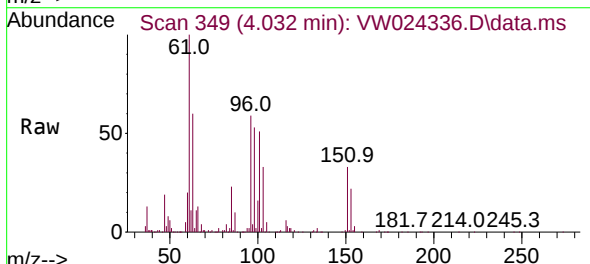
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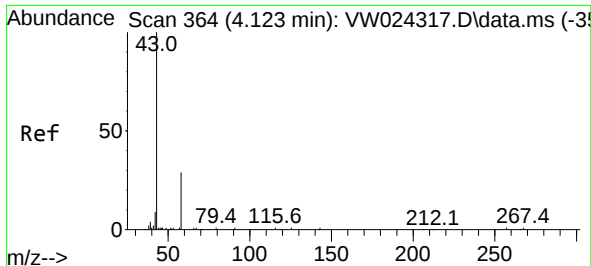
Tgt Ion:101 Resp: 68665
 Ion Ratio Lower Upper
 101 100
 85 48.4 34.9 52.3
 151 68.0 57.0 85.6



#12
 1,1-Dichloroethene
 Concen: 20.274 ug/L
 RT: 4.032 min Scan# 349
 Delta R.T. 0.006 min
 Lab File: VW024336.D
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Tgt Ion: 96 Resp: 55734
 Ion Ratio Lower Upper
 96 100
 61 170.8 123.1 228.5
 63 103.2 84.9 157.7

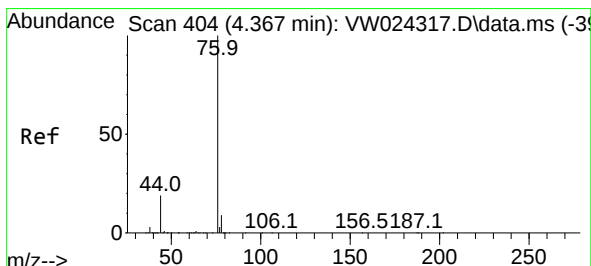
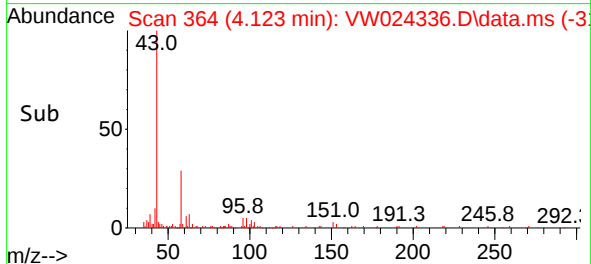
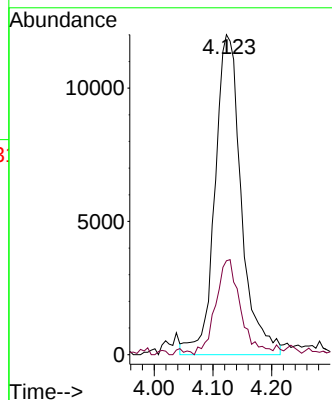
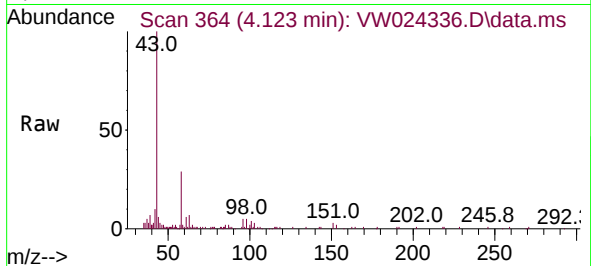




#13
Acetone
Concen: 57.141 ug/L
RT: 4.123 min Scan# 30
Delta R.T. 0.000 min
Lab File: VW024336.D
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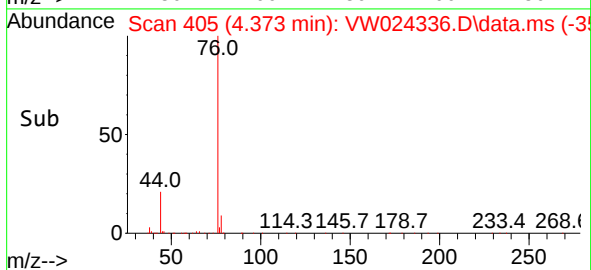
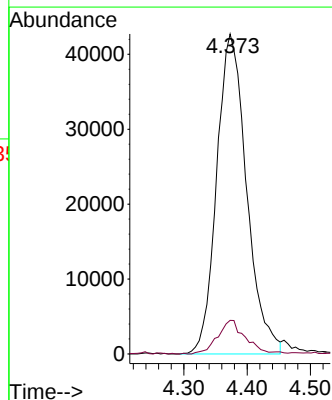
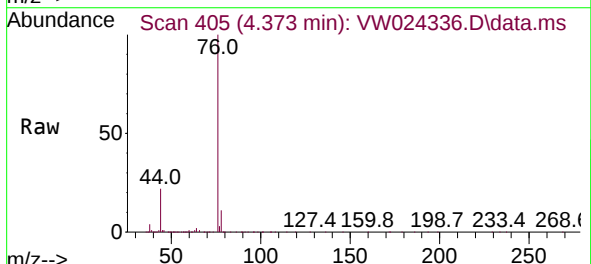
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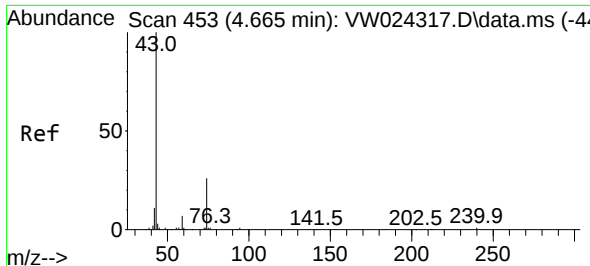
Tgt Ion: 43 Resp: 37410
Ion Ratio Lower Upper
43 100
58 28.1 0.0 31.8



#14
Carbon disulfide
Concen: 15.929 ug/L
RT: 4.373 min Scan# 405
Delta R.T. 0.006 min
Lab File: VW024336.D
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Tgt Ion: 76 Resp: 140127
Ion Ratio Lower Upper
76 100
78 10.5 7.9 11.9

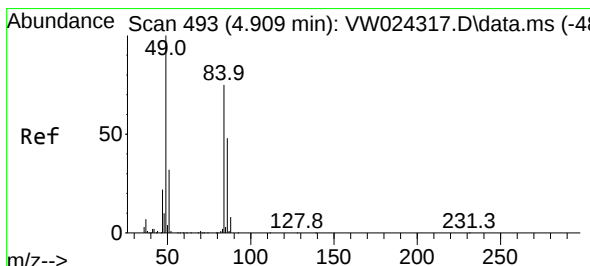
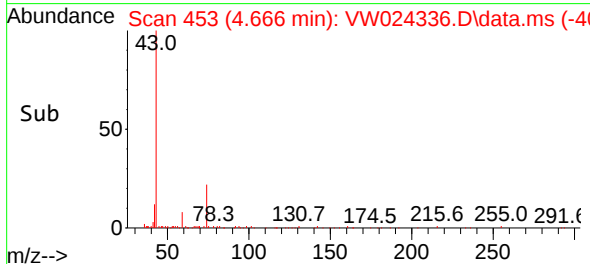
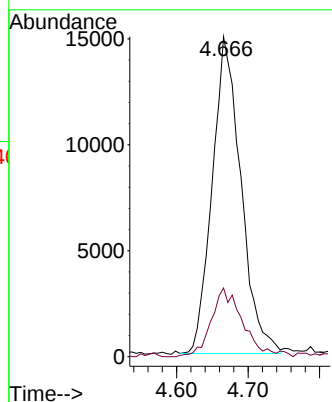
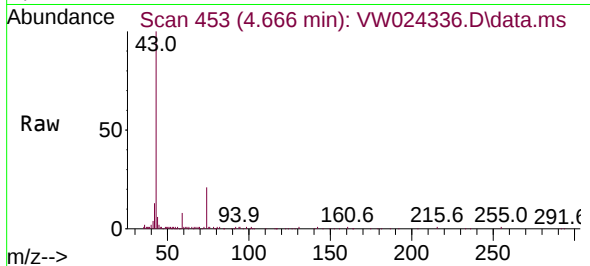




#15
Methyl Acetate
Concen: 28.237 ug/L
RT: 4.666 min Scan# 41
Delta R.T. 0.000 min
Lab File: VW024336.D
Acq: 24 Aug 2022 21:07

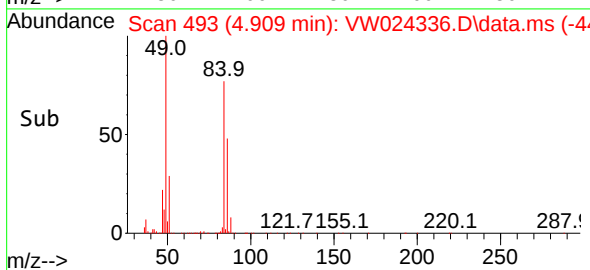
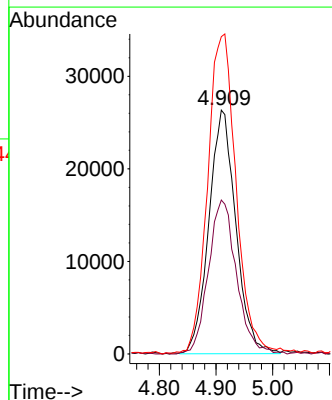
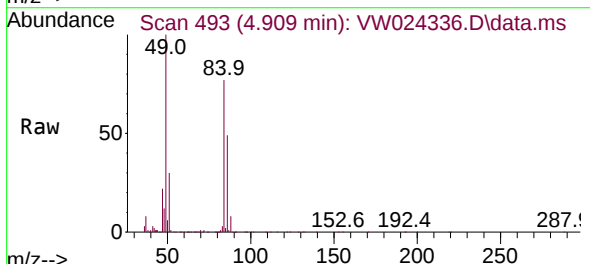
Instrument :
MSVOA_W
ClientSampleId :
VSTD025547

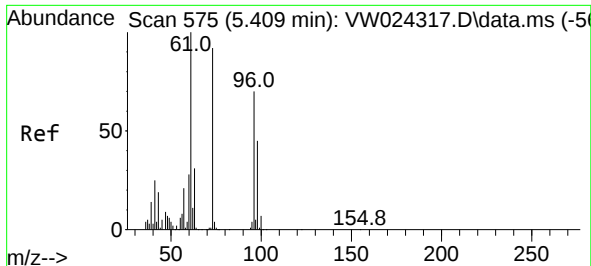
Tgt Ion: 43 Resp: 41640
Ion Ratio Lower Upper
43 100
74 22.6 21.5 32.3



#16
Methylene chloride
Concen: 21.580 ug/L
RT: 4.909 min Scan# 493
Delta R.T. 0.000 min
Lab File: VW024336.D
Acq: 24 Aug 2022 21:07

Tgt Ion: 84 Resp: 87019
Ion Ratio Lower Upper
84 100
86 63.2 42.8 79.6
49 130.2 85.3 158.3

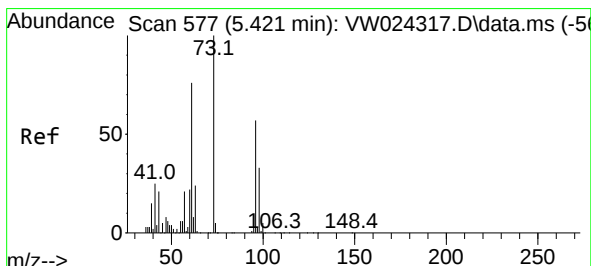
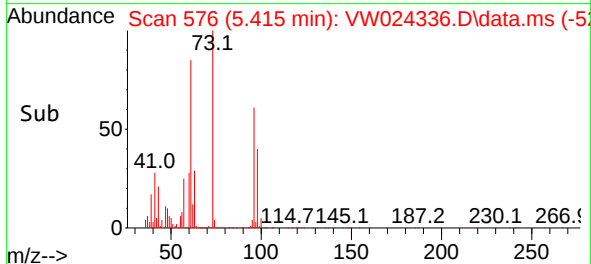
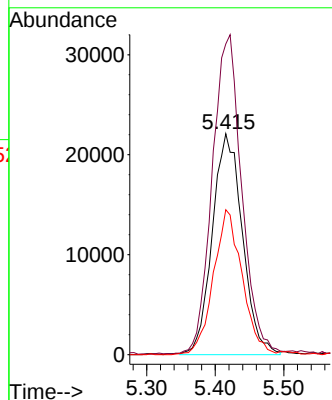
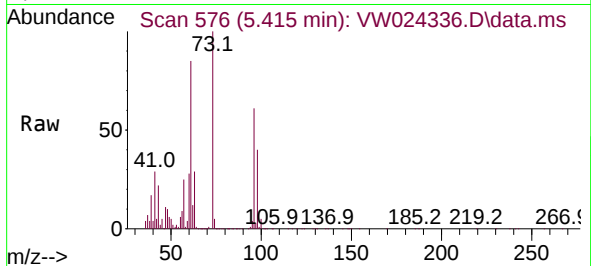




#17
trans-1,2-Dichloroethene
Concen: 21.213 ug/L
RT: 5.415 min Scan# 576
Delta R.T. 0.006 min
Lab File: VW024336.D
Acq: 24 Aug 2022 21:07

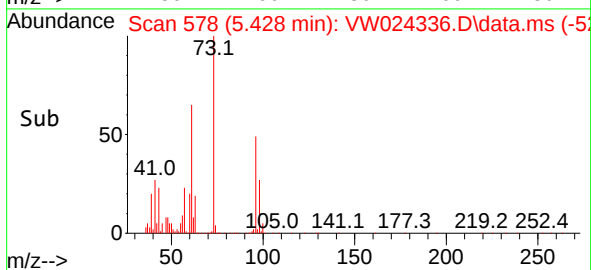
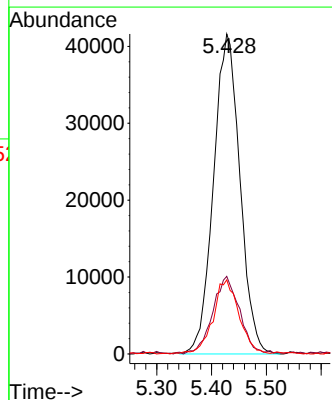
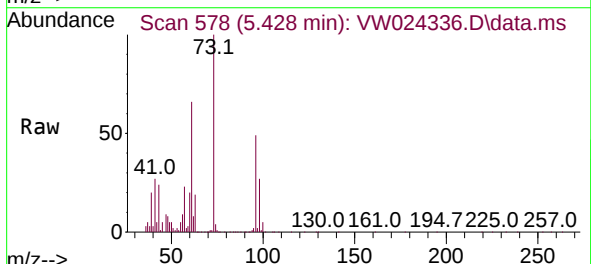
Instrument :
MSVOA_W
ClientSampleId :
VSTD025547

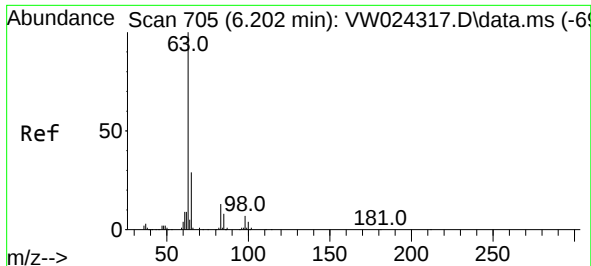
Tgt Ion: 96 Resp: 67345
Ion Ratio Lower Upper
96 100
61 140.7 93.0 172.8
98 65.6 48.5 90.1



#18
Methyl tert-butyl Ether
Concen: 30.739 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.006 min
Lab File: VW024336.D
Acq: 24 Aug 2022 21:07

Tgt Ion: 73 Resp: 139156
Ion Ratio Lower Upper
73 100
43 24.5 16.6 24.8
57 22.3 17.6 26.4





#19

1,1-Dichloroethane

Concen: 25.652 ug/L

RT: 6.208 min Scan# 705

Delta R.T. 0.006 min

Lab File: VW024336.D

Acq: 24 Aug 2022 21:07

Instrument :

MSVOA_W

ClientSampleId :

VSTD025547

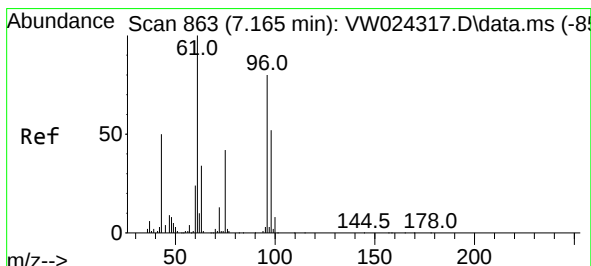
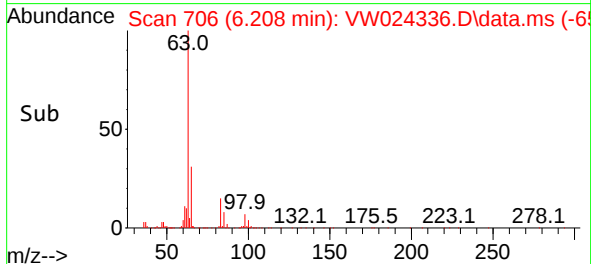
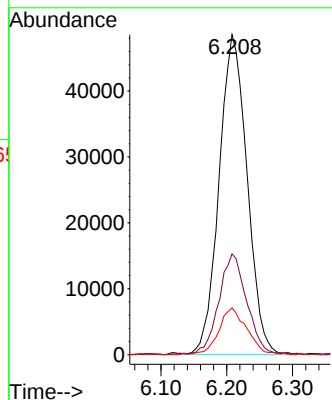
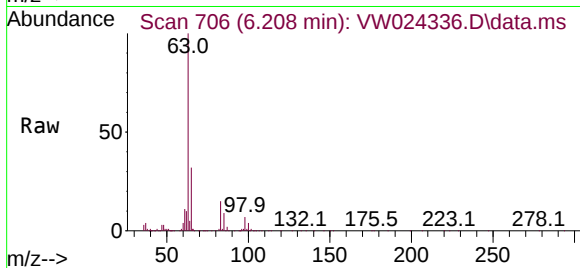
Tgt Ion: 63 Resp: 143452

Ion Ratio Lower Upper

63 100

65 31.5 22.0 41.0

83 14.7 9.2 17.0



#20

cis-1,2-Dichloroethene

Concen: 24.535 ug/L

RT: 7.165 min Scan# 863

Delta R.T. 0.000 min

Lab File: VW024336.D

Acq: 24 Aug 2022 21:07

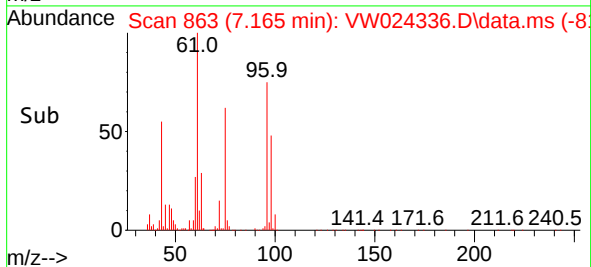
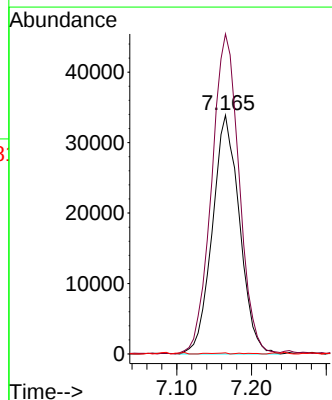
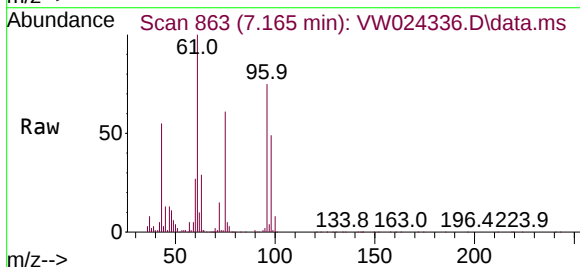
Tgt Ion: 96 Resp: 85542

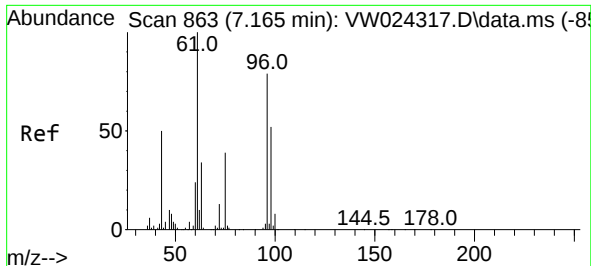
Ion Ratio Lower Upper

96 100

61 134.0 89.5 166.3

68 0.5 0.1 0.1#

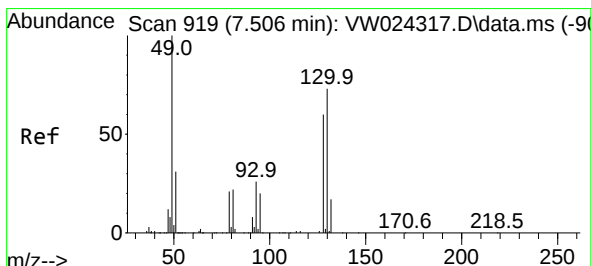
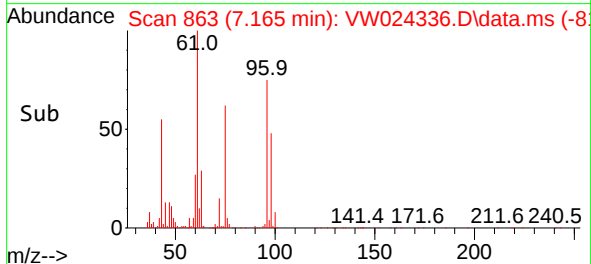
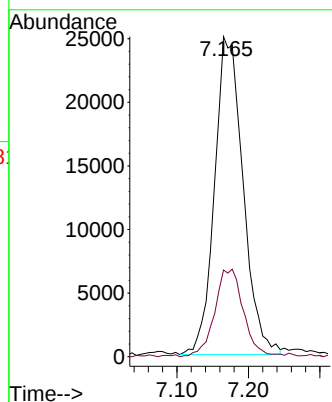
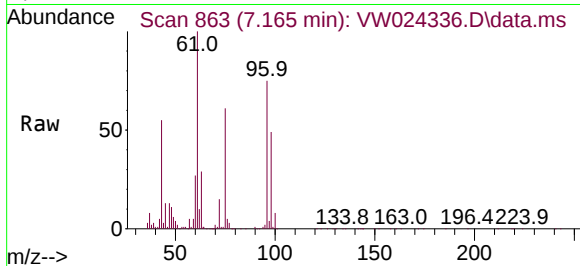




#22
2-Butanone
Concen: 62.716 ug/L
RT: 7.165 min Scan# 80
Delta R.T. 0.000 min
Lab File: VW024336.D
Acq: 24 Aug 2022 21:07

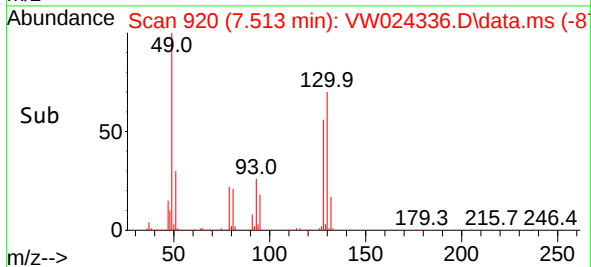
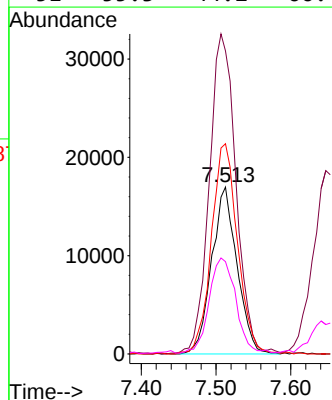
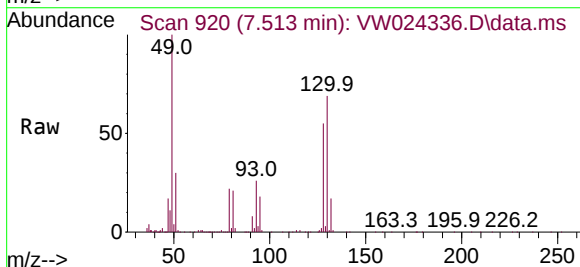
Instrument :
MSVOA_W
ClientSampleId :
VSTD025547

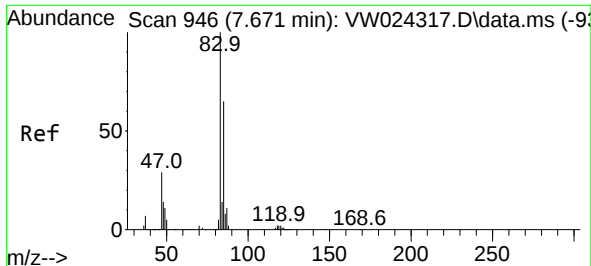
Tgt Ion: 43 Resp: 69189
Ion Ratio Lower Upper
43 100
72 27.6 14.3 42.9



#23
Bromochloromethane
Concen: 23.090 ug/L
RT: 7.513 min Scan# 920
Delta R.T. 0.006 min
Lab File: VW024336.D
Acq: 24 Aug 2022 21:07

Tgt Ion: 128 Resp: 40093
Ion Ratio Lower Upper
128 100
49 181.5 106.6 198.0
130 125.9 88.1 163.5
51 55.3 44.2 66.4

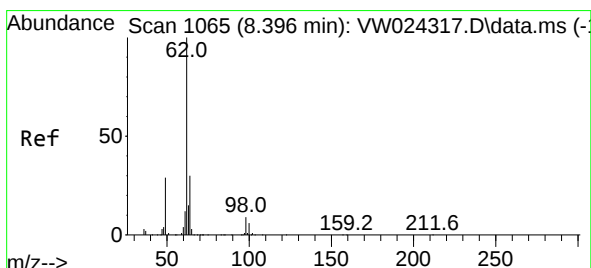
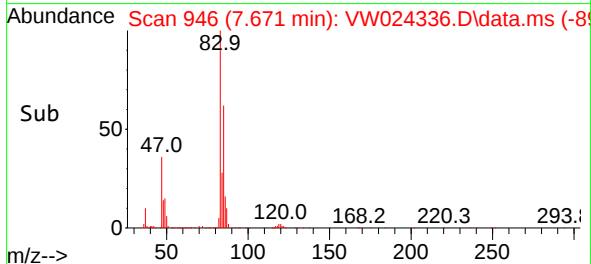
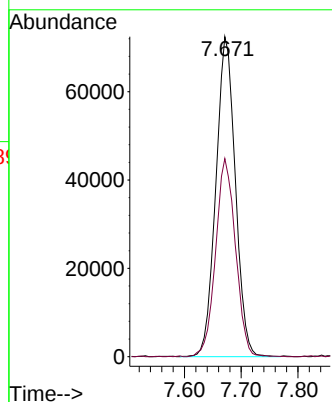
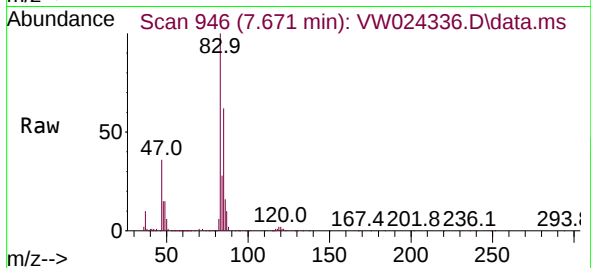




#25
Chloroform
Concen: 28.054 ug/L
RT: 7.671 min Scan# 946
Delta R.T. 0.000 min
Lab File: VW024336.D
Acq: 24 Aug 2022 21:07

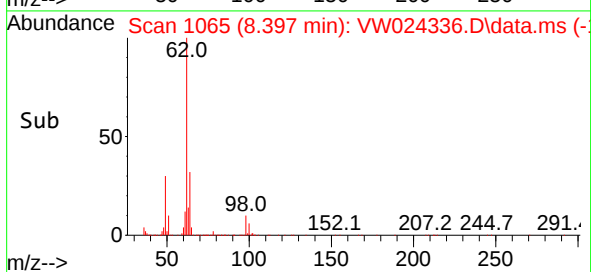
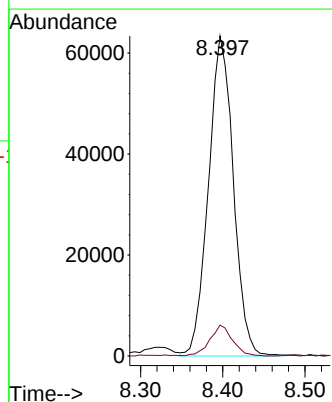
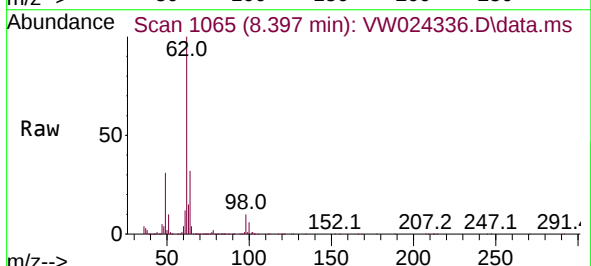
Instrument :
MSVOA_W
ClientSampleId :
VSTD025547

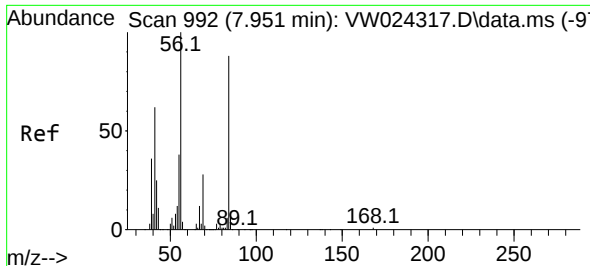
Tgt Ion: 83 Resp: 172875
Ion Ratio Lower Upper
83 100
85 61.9 42.9 79.7



#27
1,2-Dichloroethane
Concen: 32.180 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VW024336.D
Acq: 24 Aug 2022 21:07

Tgt Ion: 62 Resp: 133439
Ion Ratio Lower Upper
62 100
98 9.6 7.4 11.0

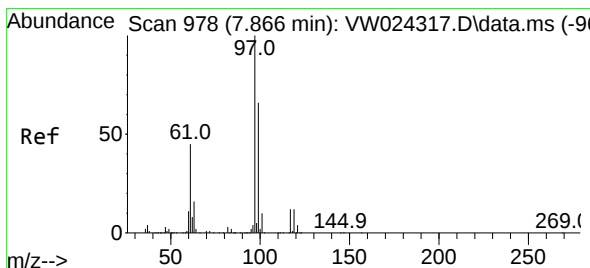
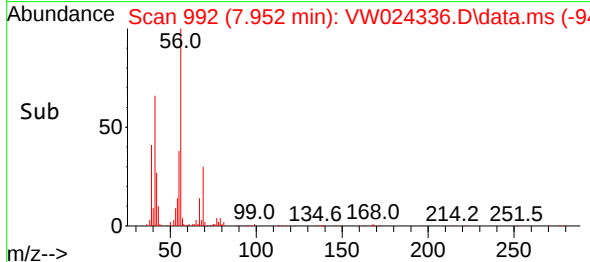
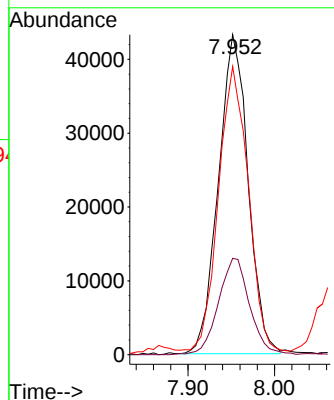
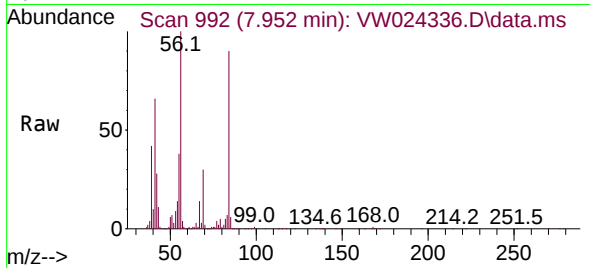




#29
Cyclohexane
Concen: 19.571 ug/L
RT: 7.952 min Scan# 992
Delta R.T. 0.000 min
Lab File: VW024336.D
Acq: 24 Aug 2022 21:07

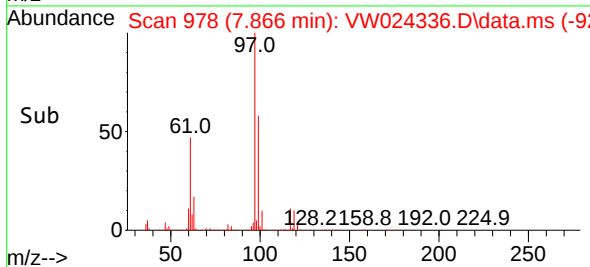
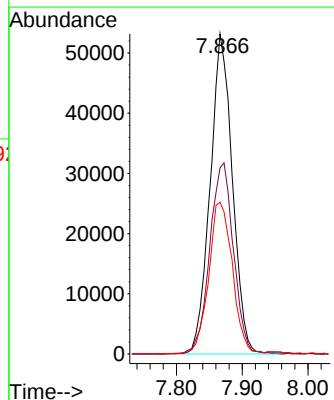
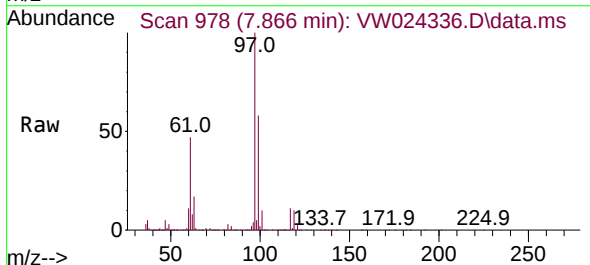
Instrument :
MSVOA_W
ClientSampleId :
VSTD025547

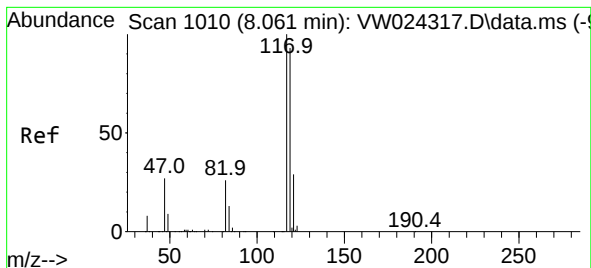
Tgt Ion: 56 Resp: 102856
Ion Ratio Lower Upper
56 100
69 31.8 24.5 36.7
84 91.6 75.5 113.3



#30
1,1,1-Trichloroethane
Concen: 21.649 ug/L
RT: 7.866 min Scan# 978
Delta R.T. 0.000 min
Lab File: VW024336.D
Acq: 24 Aug 2022 21:07

Tgt Ion: 97 Resp: 125153
Ion Ratio Lower Upper
97 100
99 63.4 51.0 76.6
61 50.6 36.2 54.2





#31

Carbon tetrachloride

Concen: 19.638 ug/L

RT: 8.067 min Scan# 1010

Delta R.T. 0.006 min

Lab File: VW024336.D

Acq: 24 Aug 2022 21:07

Instrument :

MSVOA_W

ClientSampleId :

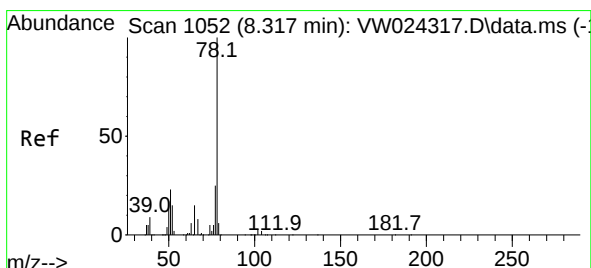
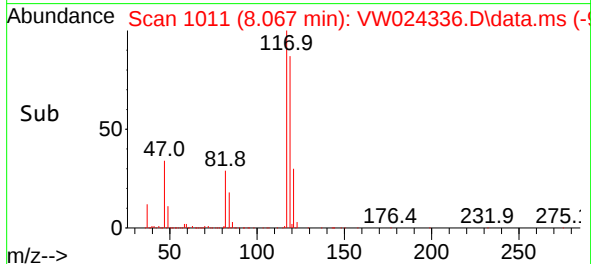
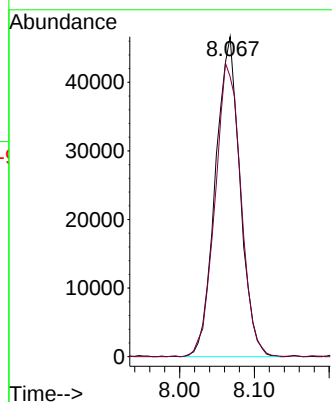
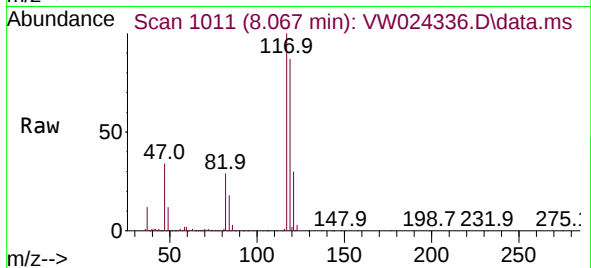
VSTD025547

Tgt Ion:117 Resp: 107106

Ion Ratio Lower Upper

117 100

119 96.3 77.8 116.8



#33

Benzene

Concen: 25.323 ug/L

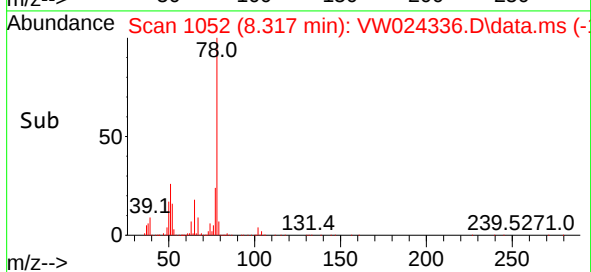
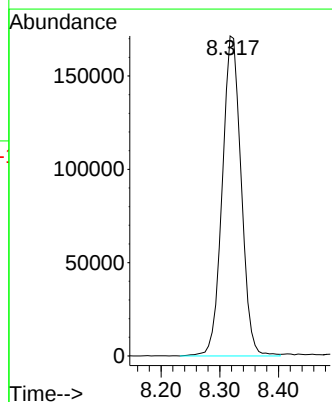
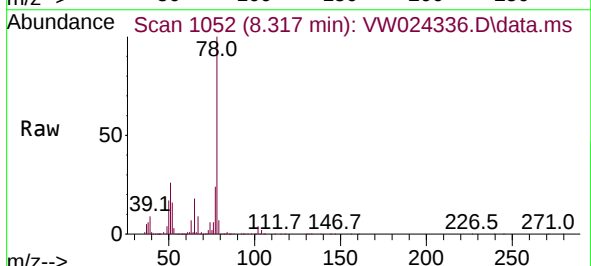
RT: 8.317 min Scan# 1052

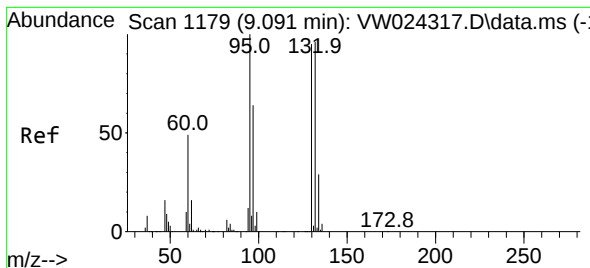
Delta R.T. 0.000 min

Lab File: VW024336.D

Acq: 24 Aug 2022 21:07

Tgt Ion: 78 Resp: 383413





#34

Trichloroethene

Concen: 21.725 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VW024336.D

Acq: 24 Aug 2022 21:07

Instrument :

MSVOA_W

ClientSampleId :

VSTD025547

Tgt Ion: 95 Resp: 86942

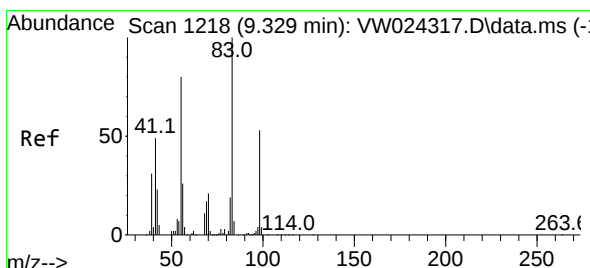
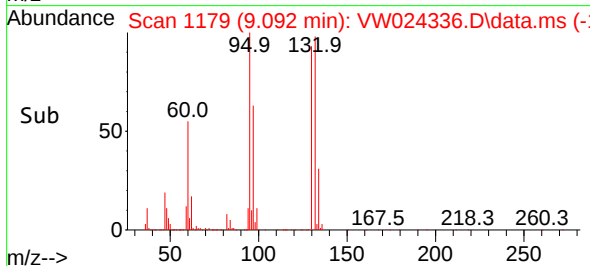
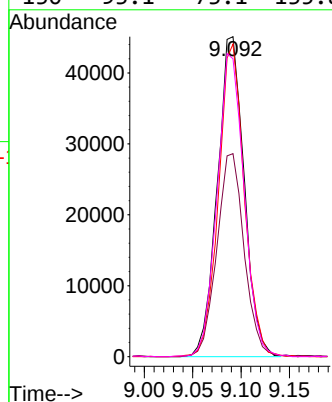
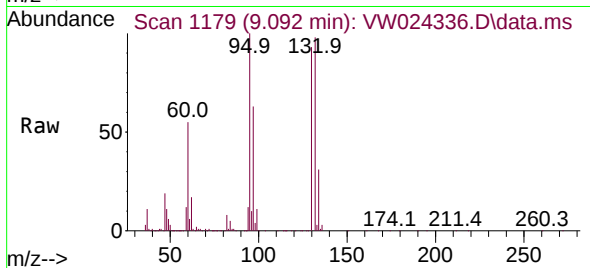
Ion Ratio Lower Upper

95 100

97 63.5 41.6 77.2

132 97.7 67.0 124.4

130 93.1 73.1 135.8



#35

Methylcyclohexane

Concen: 21.233 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. 0.006 min

Lab File: VW024336.D

Acq: 24 Aug 2022 21:07

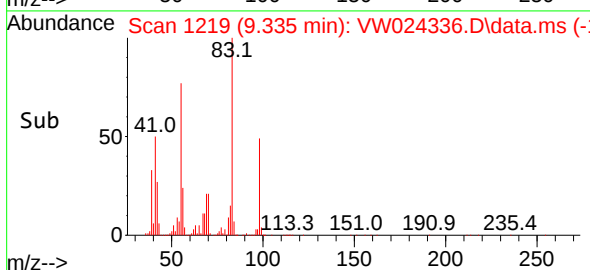
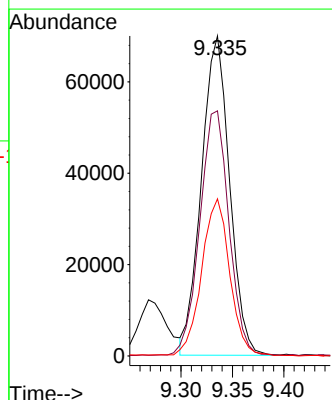
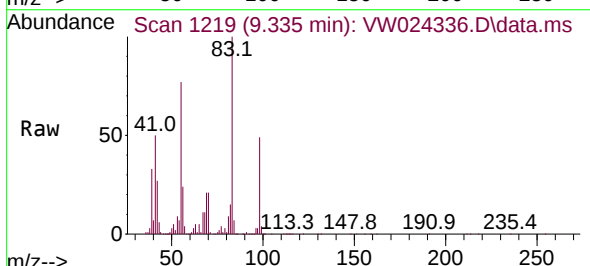
Tgt Ion: 83 Resp: 133251

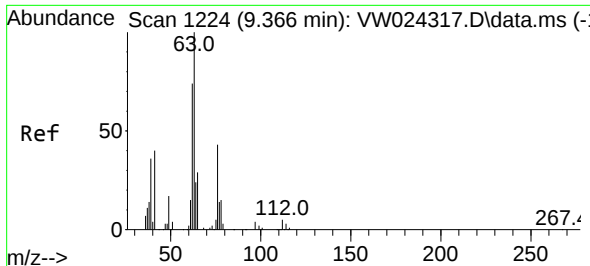
Ion Ratio Lower Upper

83 100

55 79.6 59.1 88.7

98 49.2 40.8 61.2





#37

1,2-Dichloropropane

Concen: 27.617 ug/L

RT: 9.366 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW024336.D

Acq: 24 Aug 2022 21:07

Instrument :

MSVOA_W

ClientSampleId :

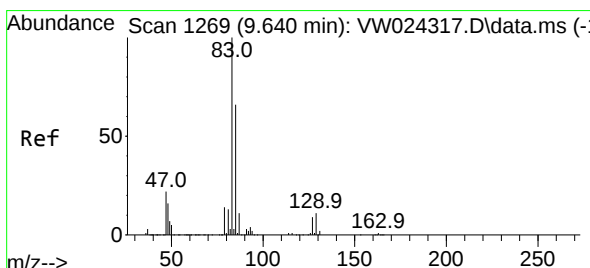
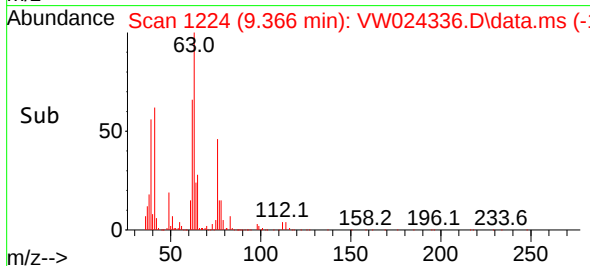
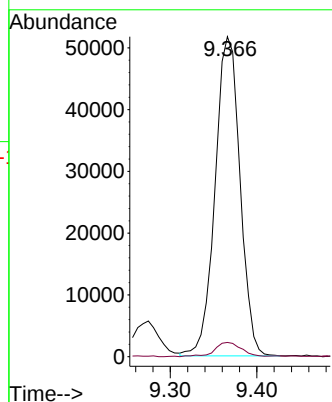
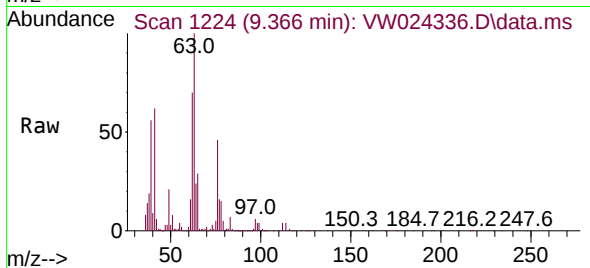
VSTD025547

Tgt Ion: 63 Resp: 103362

Ion Ratio Lower Upper

63 100

112 4.6 3.8 5.6



#38

Bromodichloromethane

Concen: 26.722 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.006 min

Lab File: VW024336.D

Acq: 24 Aug 2022 21:07

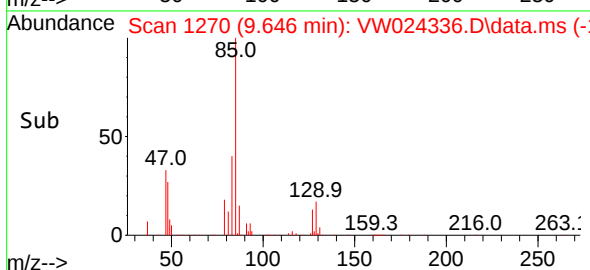
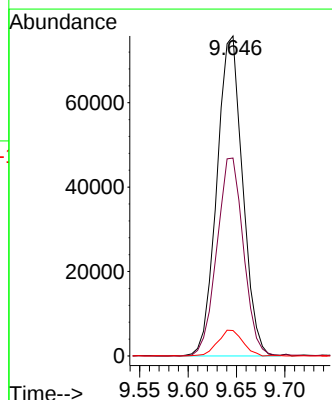
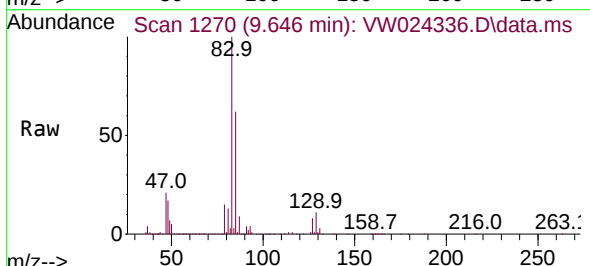
Tgt Ion: 83 Resp: 140276

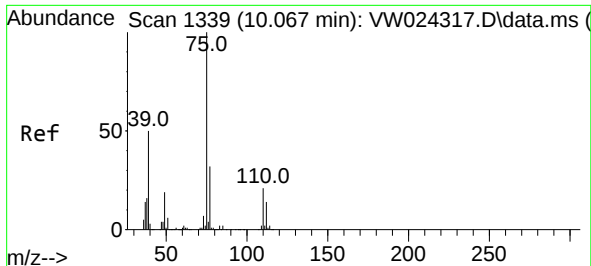
Ion Ratio Lower Upper

83 100

85 61.8 43.7 81.1

127 7.9 6.9 10.3

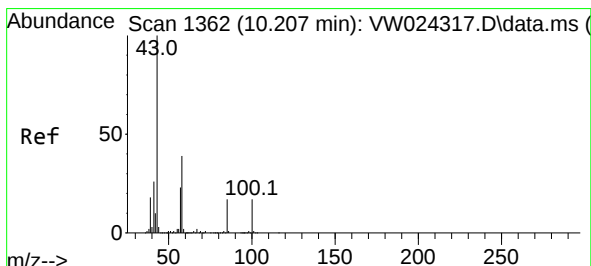
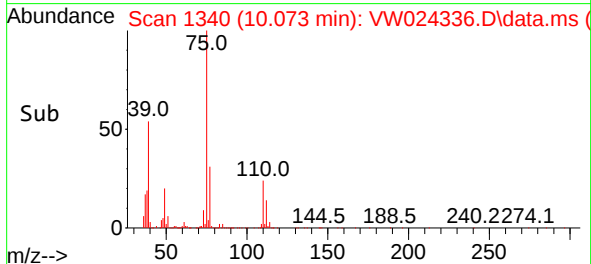
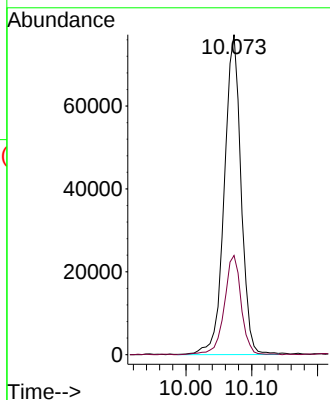
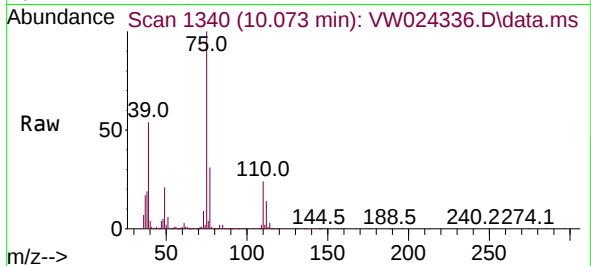




#39
 cis-1,3-Dichloropropene
 Concen: 24.867 ug/L
 RT: 10.073 min Scan# 1340
 Delta R.T. 0.006 min
 Lab File: VW024336.D
 Acq: 24 Aug 2022 21:07

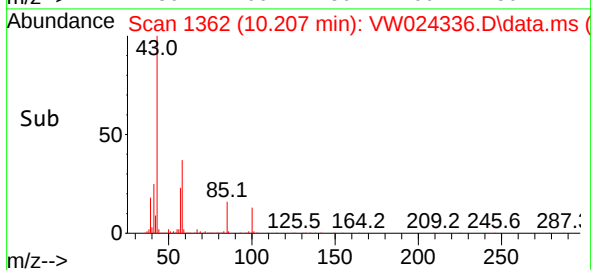
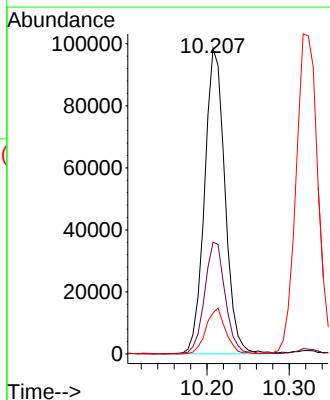
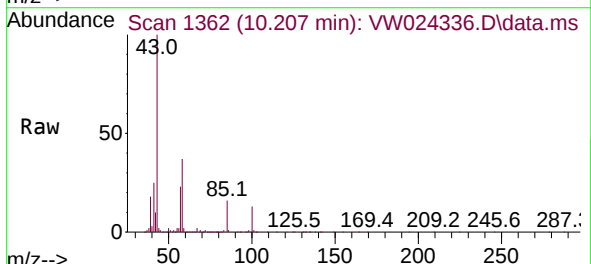
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025547

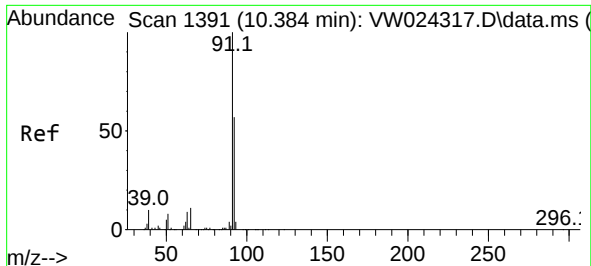
Tgt Ion: 75 Resp: 136922
 Ion Ratio Lower Upper
 75 100
 77 31.0 23.4 43.6



#40
 4-Methyl-2-pentanone
 Concen: 68.441 ug/L
 RT: 10.207 min Scan# 1362
 Delta R.T. 0.000 min
 Lab File: VW024336.D
 Acq: 24 Aug 2022 21:07

Tgt Ion: 43 Resp: 170005
 Ion Ratio Lower Upper
 43 100
 58 37.0 30.5 45.7
 100 14.4 13.8 20.6

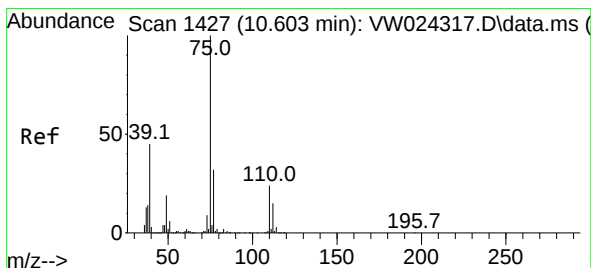
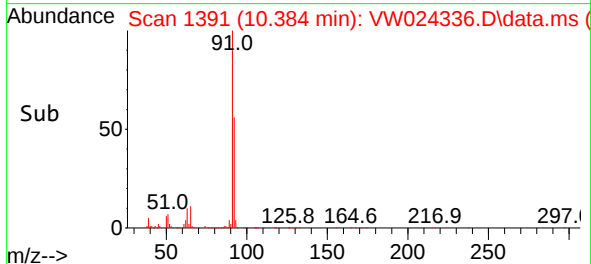
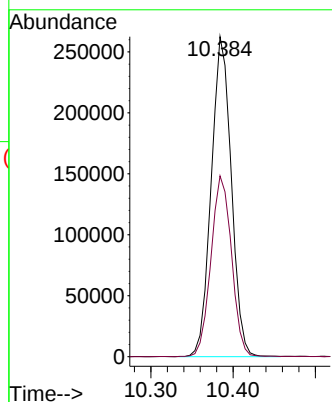
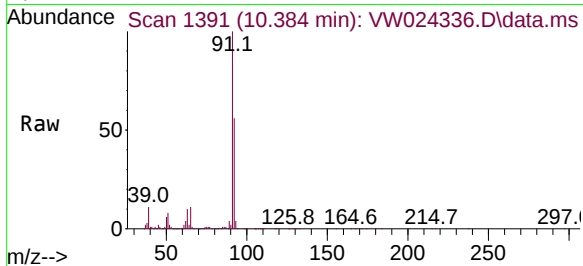




#42
Toluene
Concen: 27.637 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VW024336.D
Acq: 24 Aug 2022 21:07

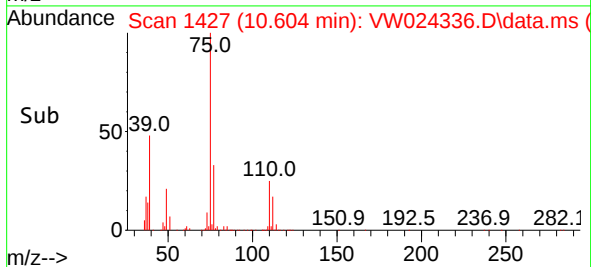
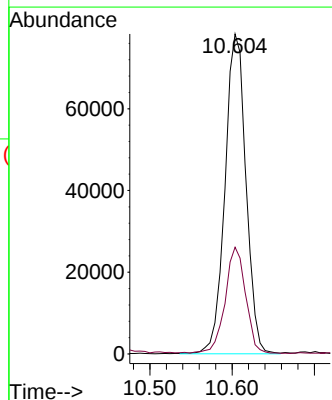
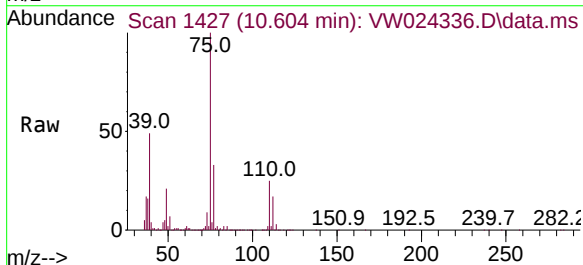
Instrument :
MSVOA_W
ClientSampleId :
VSTD025547

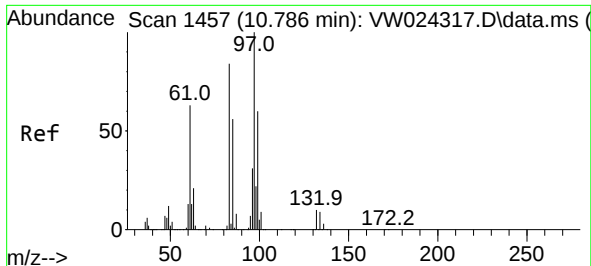
Tgt Ion: 91 Resp: 444659
Ion Ratio Lower Upper
91 100
92 56.5 41.4 77.0



#44
trans-1,3-Dichloropropene
Concen: 27.588 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW024336.D
Acq: 24 Aug 2022 21:07

Tgt Ion: 75 Resp: 138804
Ion Ratio Lower Upper
75 100
77 33.3 22.4 41.6

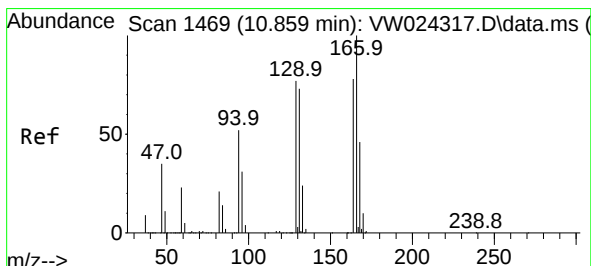
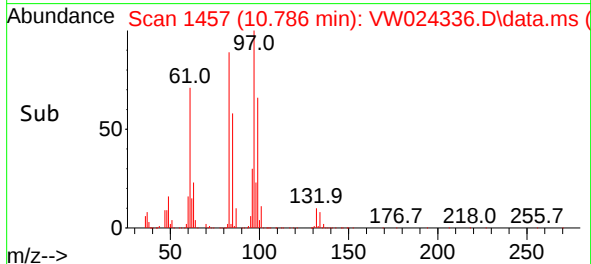
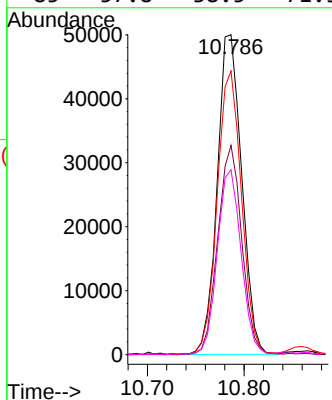
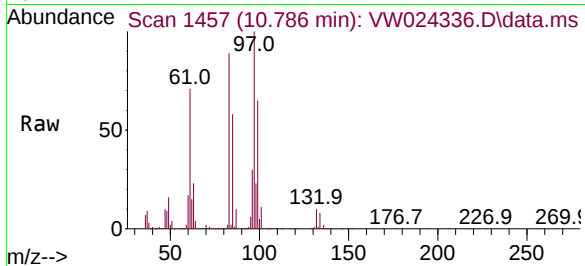




#45
1,1,2-Trichloroethane
Concen: 27.952 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW024336.D
Acq: 24 Aug 2022 21:07

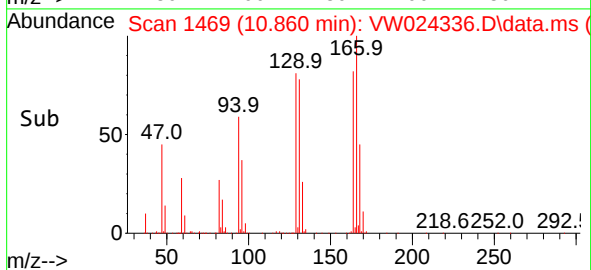
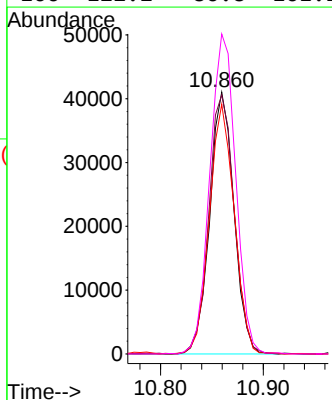
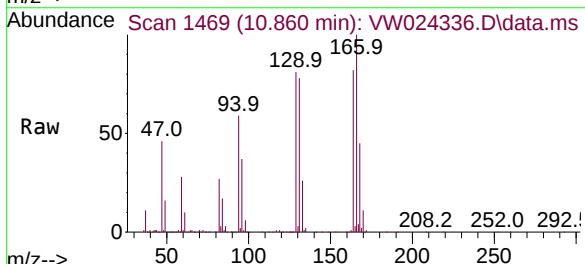
Instrument :
MSVOA_W
ClientSampleId :
VSTD025547

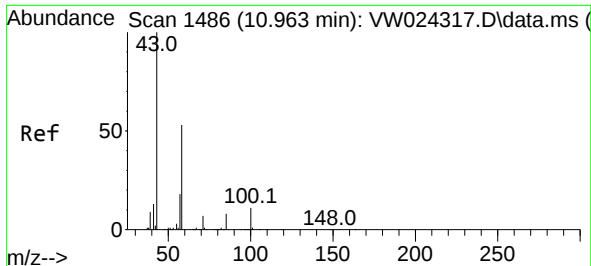
Tgt Ion: 97	Resp: 88178
Ion Ratio	Lower Upper
97 100	
99 65.4	43.8 81.3
83 88.7	56.4 104.7
85 57.8	38.5 71.5



#46
Tetrachloroethene
Concen: 20.698 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW024336.D
Acq: 24 Aug 2022 21:07

Tgt	Ion:164	Resp:	67058
Ion	Ratio	Lower	Upper
164	100		
129	98.9	63.1	117.3
131	95.4	63.9	118.7
166	122.2	86.8	161.2

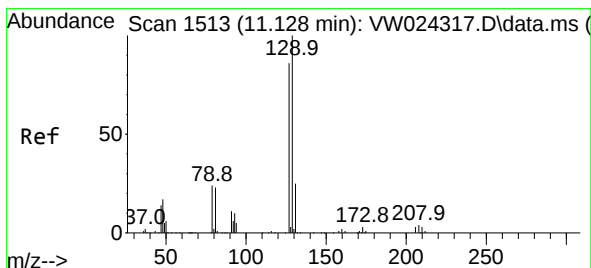
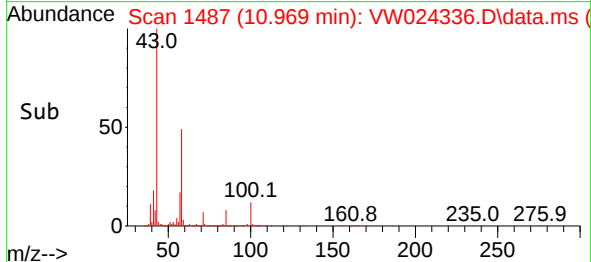
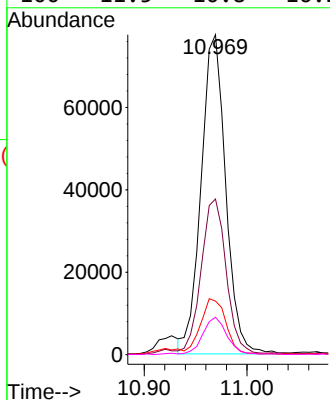
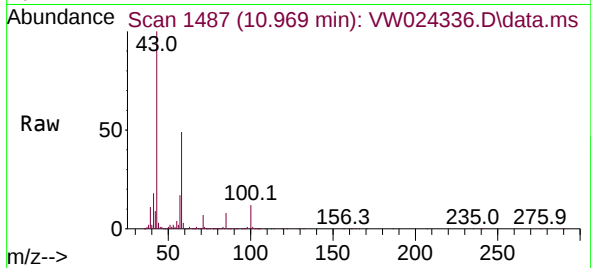




#48
2-Hexanone
Concen: 76.623 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.006 min
Lab File: VW024336.D
Acq: 24 Aug 2022 21:07

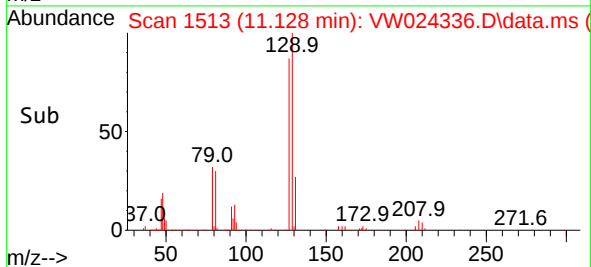
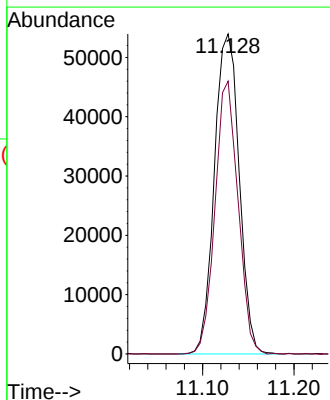
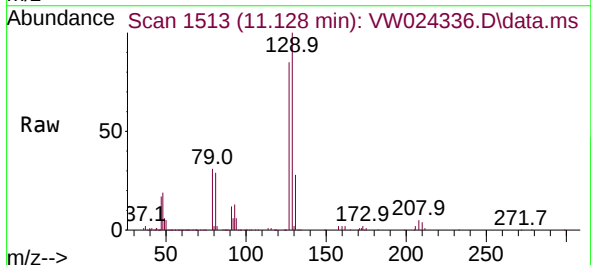
Instrument :
MSVOA_W
ClientSampleId :
VSTD025547

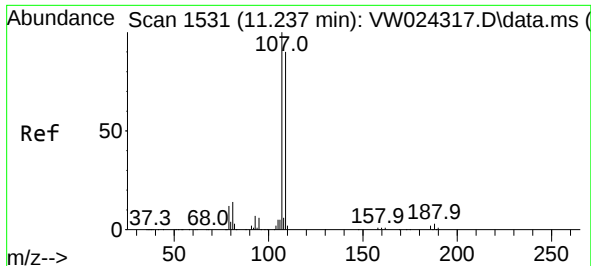
Tgt Ion: 43 Resp: 129166
Ion Ratio Lower Upper
43 100
58 50.0 43.4 65.0
57 17.7 15.0 22.4
100 11.5 10.8 16.2



#49
Dibromochloromethane
Concen: 26.787 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW024336.D
Acq: 24 Aug 2022 21:07

Tgt Ion: 129 Resp: 101729
Ion Ratio Lower Upper
129 100
127 85.2 52.3 97.1

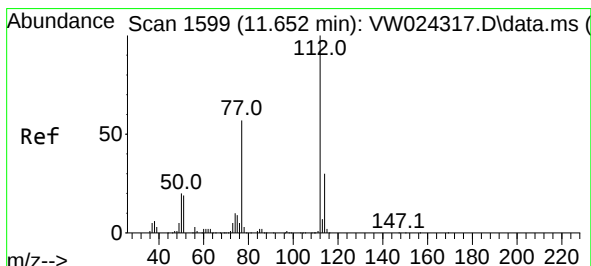
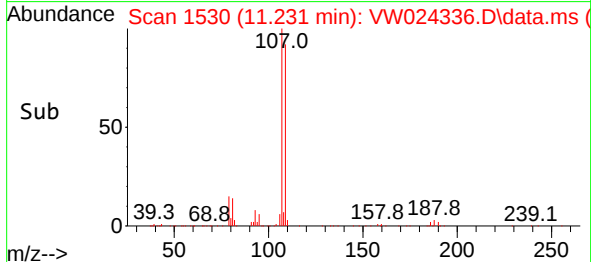
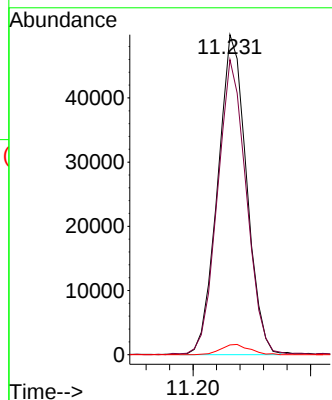
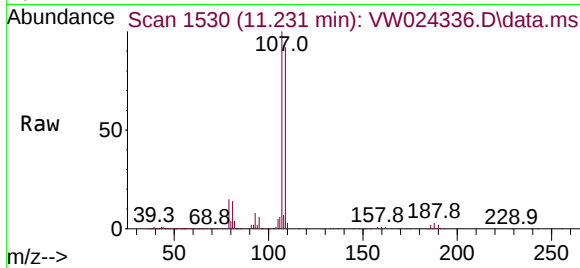




#50
1,2-Dibromoethane
Concen: 28.065 ug/L
RT: 11.231 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW024336.D
Acq: 24 Aug 2022 21:07

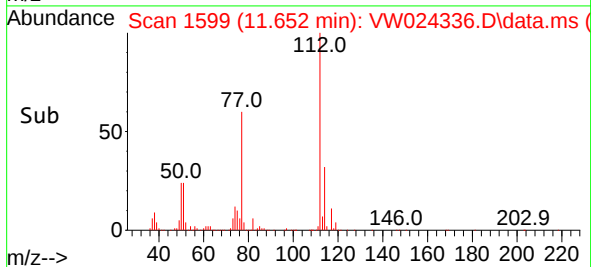
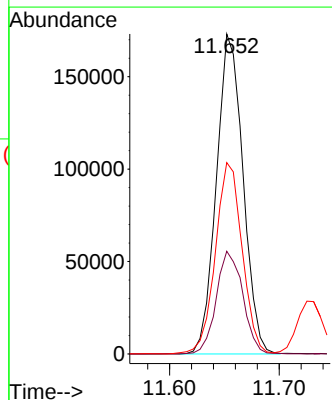
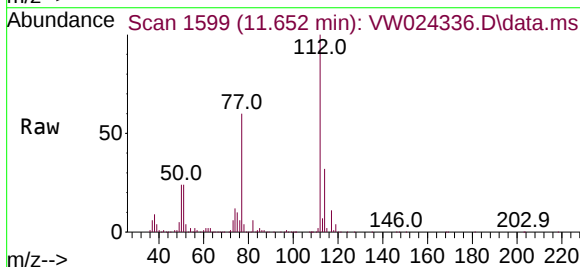
Instrument :
MSVOA_W
ClientSampleId :
VSTD025547

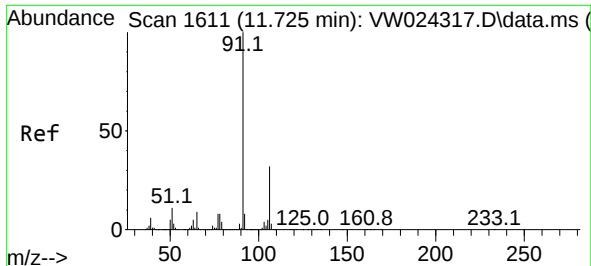
Tgt Ion:107 Resp: 84823
Ion Ratio Lower Upper
107 100
109 92.2 64.0 119.0
188 3.1 3.1 4.7#



#51
Chlorobenzene
Concen: 26.584 ug/L
RT: 11.652 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VW024336.D
Acq: 24 Aug 2022 21:07

Tgt Ion:112 Resp: 292237
Ion Ratio Lower Upper
112 100
114 32.1 20.7 38.5
77 59.8 41.4 62.2

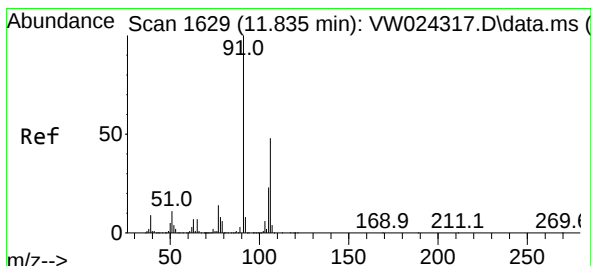
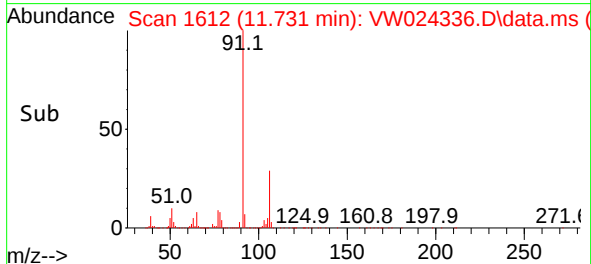
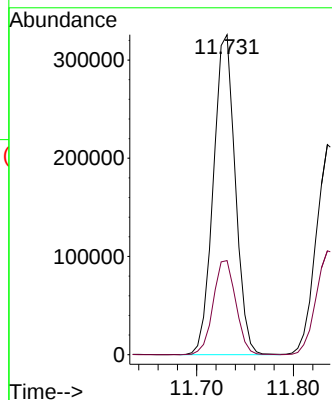
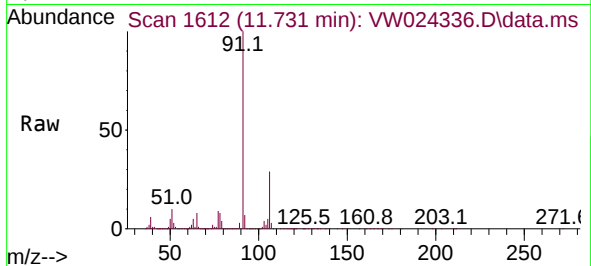




#52
Ethylbenzene
Concen: 29.082 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.006 min
Lab File: VW024336.D
Acq: 24 Aug 2022 21:07

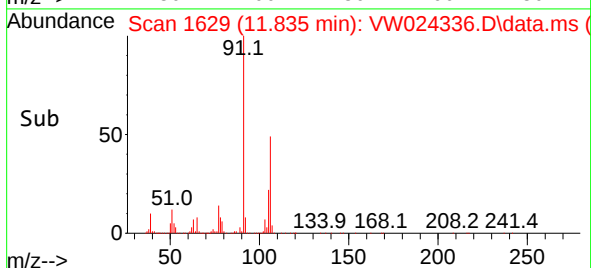
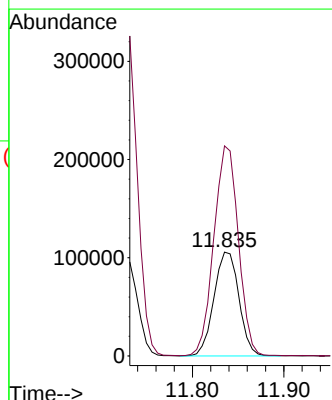
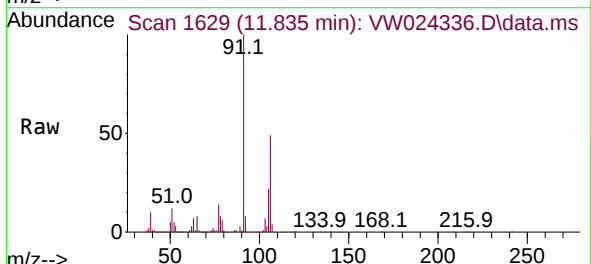
Instrument :
MSVOA_W
ClientSampleId :
VSTD025547

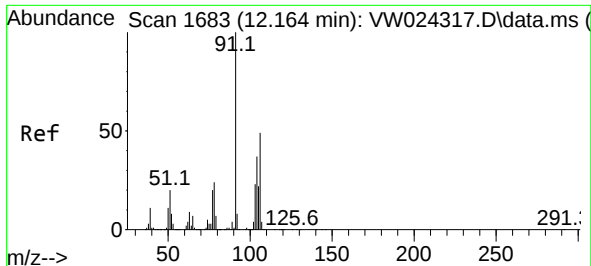
Tgt Ion: 91 Resp: 512650
Ion Ratio Lower Upper
91 100
106 29.4 21.9 40.7



#53
m,p-Xylene
Concen: 29.244 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW024336.D
Acq: 24 Aug 2022 21:07

Tgt Ion: 106 Resp: 200663
Ion Ratio Lower Upper
106 100
91 202.5 144.1 267.7

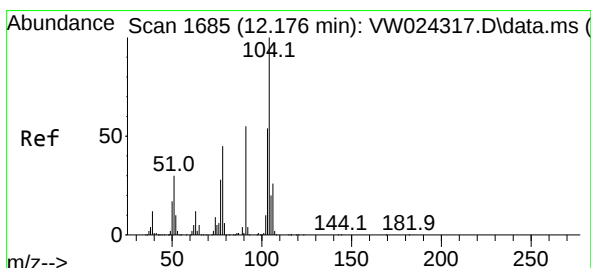
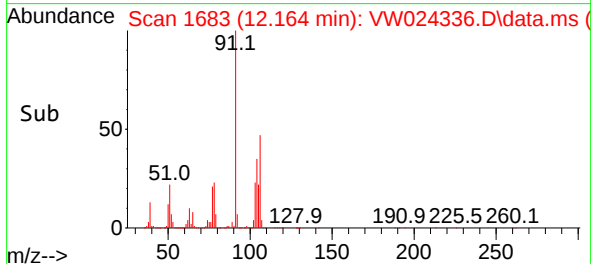
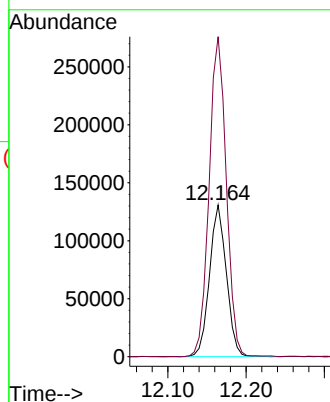
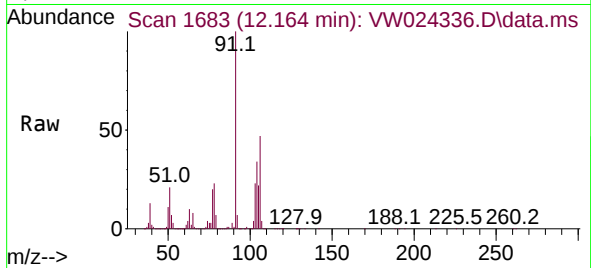




#54
o-Xylene
Concen: 30.104 ug/L
RT: 12.164 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW024336.D
Acq: 24 Aug 2022 21:07

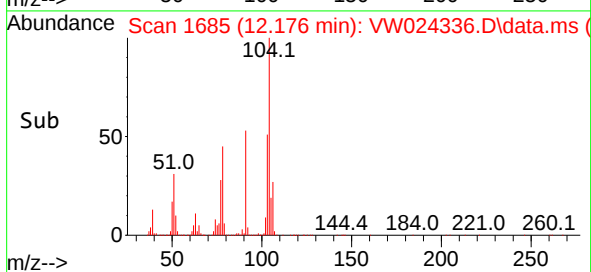
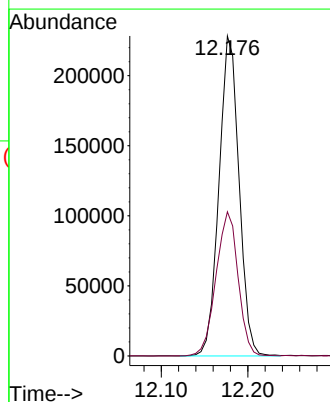
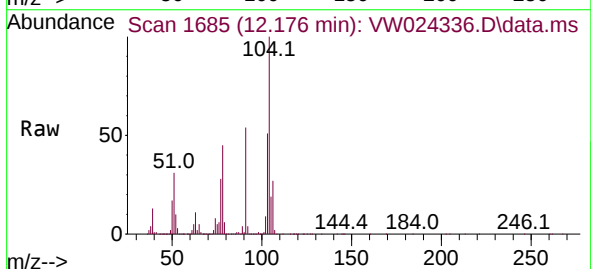
Instrument :
MSVOA_W
ClientSampleId :
VSTD025547

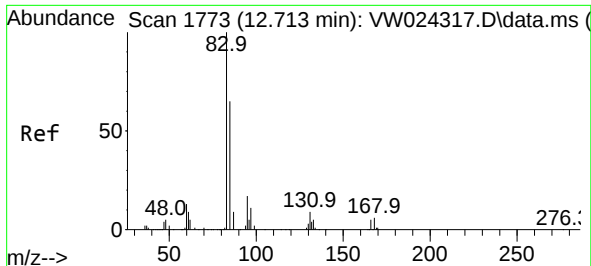
Tgt Ion:106 Resp: 195146
Ion Ratio Lower Upper
106 100
91 211.0 150.9 280.3



#55
Styrene
Concen: 32.577 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW024336.D
Acq: 24 Aug 2022 21:07

Tgt Ion:104 Resp: 367287
Ion Ratio Lower Upper
104 100
78 45.0 31.1 57.7





#57

1,1,2,2-Tetrachloroethane

Concen: 34.100 ug/L

RT: 12.713 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW024336.D

Acq: 24 Aug 2022 21:07

Instrument :

MSVOA_W

ClientSampleId :

VSTD025547

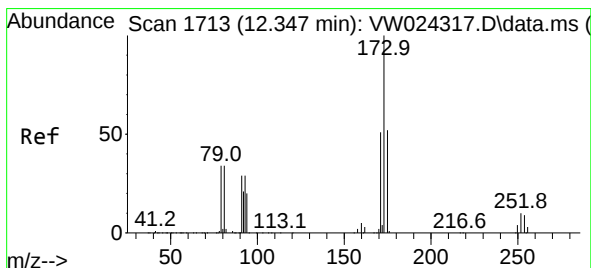
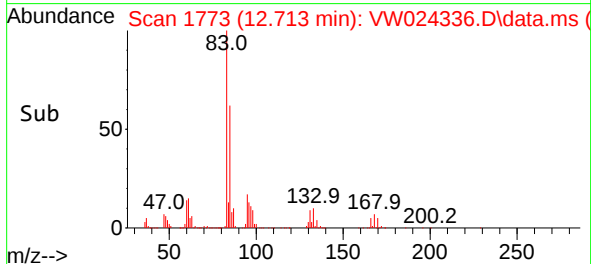
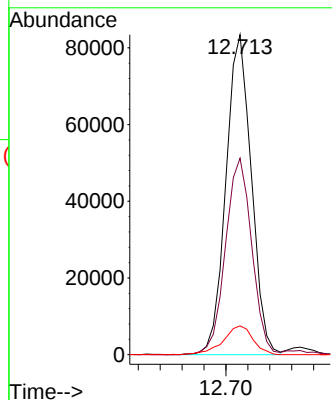
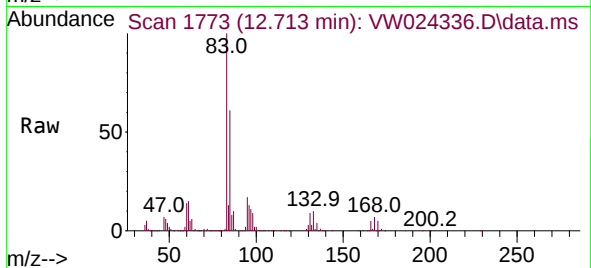
Tgt Ion: 83 Resp: 134438

Ion Ratio Lower Upper

83 100

85 61.4 44.1 81.9

131 9.0 8.3 12.5



#59

Bromoform

Concen: 26.650 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. 0.000 min

Lab File: VW024336.D

Acq: 24 Aug 2022 21:07

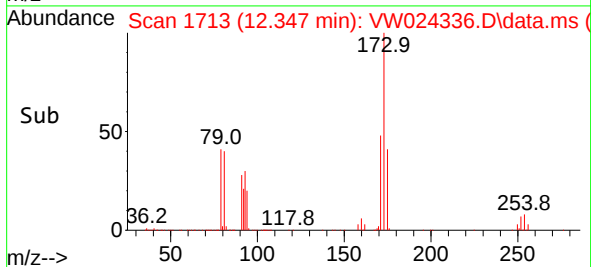
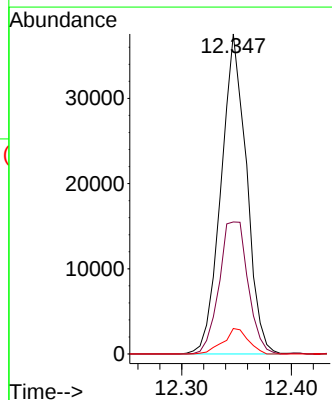
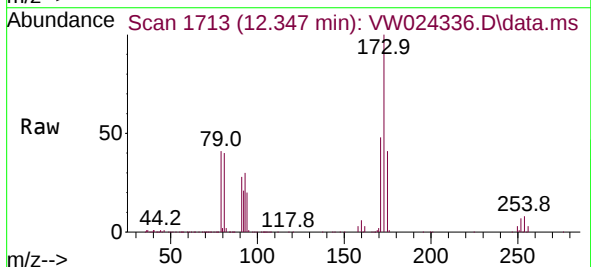
Tgt Ion:173 Resp: 60439

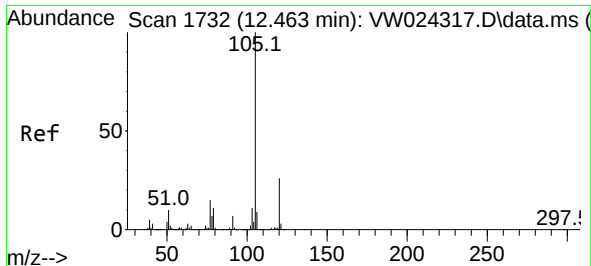
Ion Ratio Lower Upper

173 100

175 46.9 39.0 58.6

254 7.8 6.8 10.2

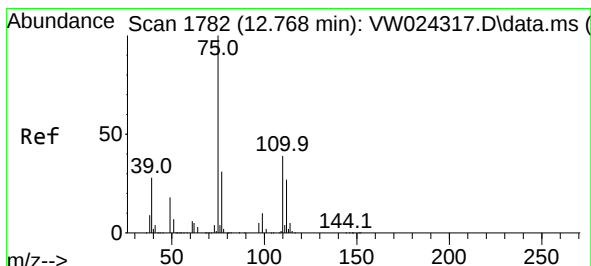
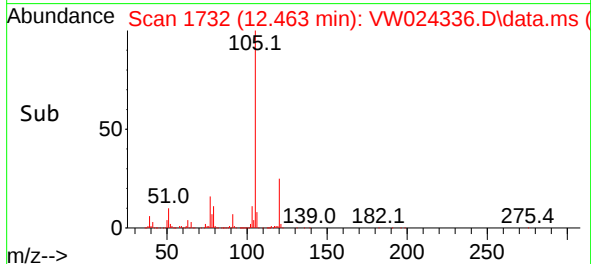
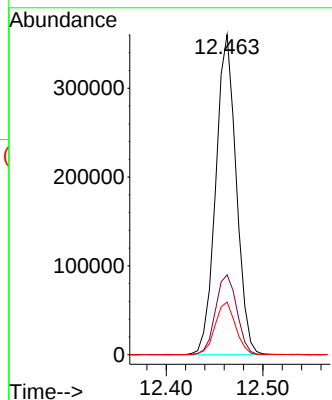
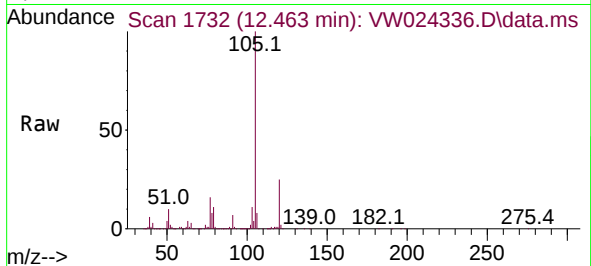




#60
Isopropylbenzene
Concen: 29.372 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW024336.D
Acq: 24 Aug 2022 21:07

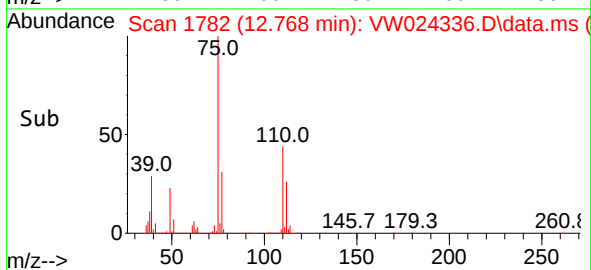
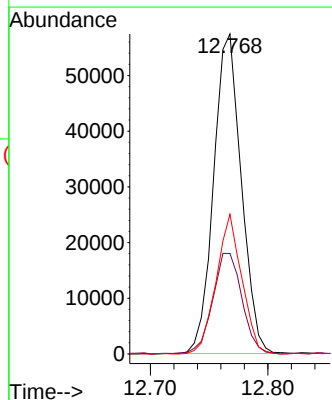
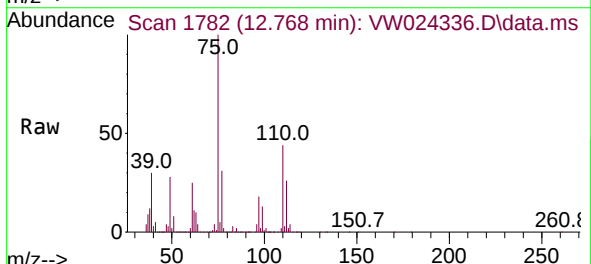
Instrument :
MSVOA_W
ClientSampleId :
VSTD025547

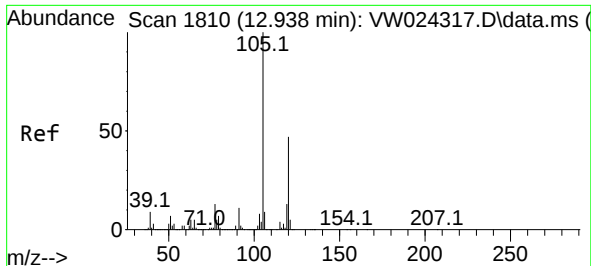
Tgt Ion:105 Resp: 528664
Ion Ratio Lower Upper
105 100
120 26.0 21.4 32.2
77 16.5 12.4 18.6



#61
1,2,3-Trichloropropane
Concen: 31.687 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW024336.D
Acq: 24 Aug 2022 21:07

Tgt Ion: 75 Resp: 93758
Ion Ratio Lower Upper
75 100
77 33.4 26.2 39.4
110 40.5 33.6 50.4





#62

1,3,5-Trimethylbenzene

Concen: 30.172 ug/L

RT: 12.938 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VW024336.D

Acq: 24 Aug 2022 21:07

Instrument :

MSVOA_W

ClientSampleId :

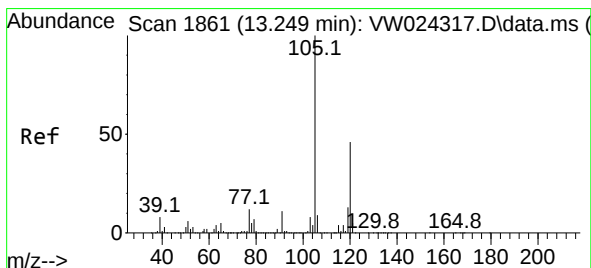
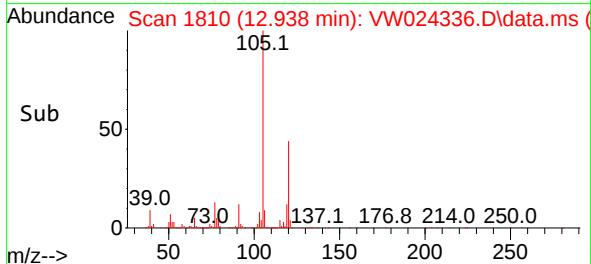
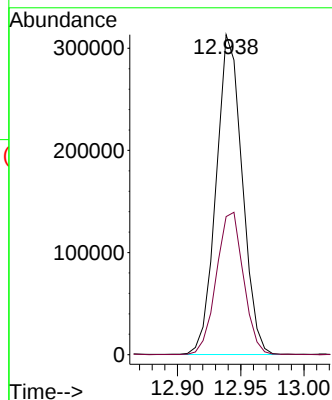
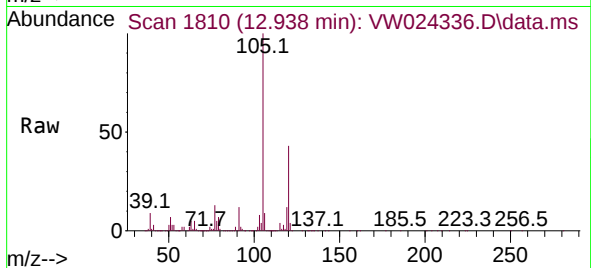
VSTD025547

Tgt Ion:105 Resp: 448776

Ion Ratio Lower Upper

105 100

120 46.2 39.7 59.5



#63

1,2,4-Trimethylbenzene

Concen: 30.264 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VW024336.D

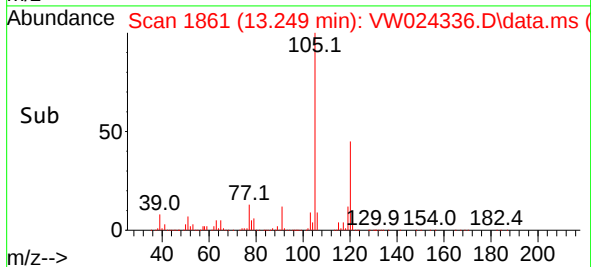
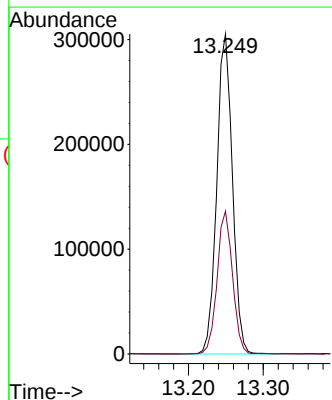
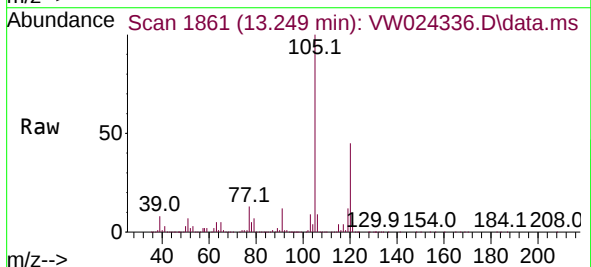
Acq: 24 Aug 2022 21:07

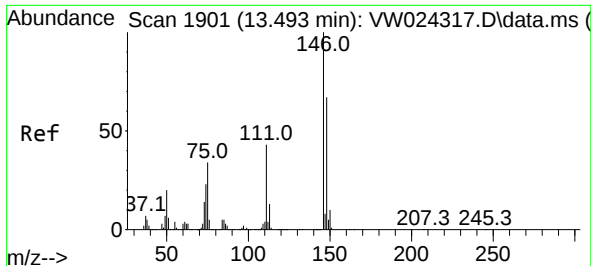
Tgt Ion:105 Resp: 443320

Ion Ratio Lower Upper

105 100

120 43.9 36.4 54.6

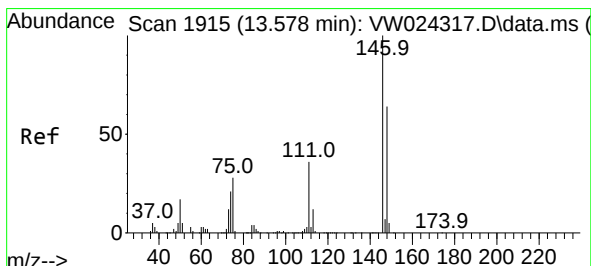
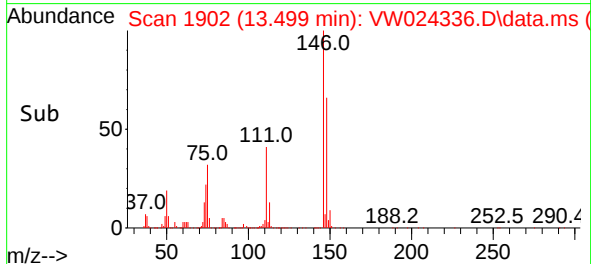
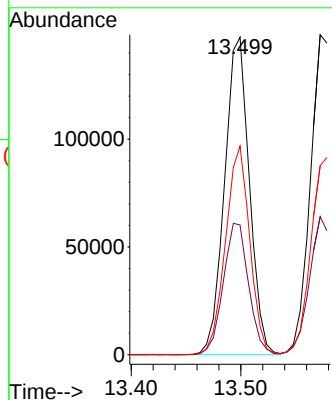
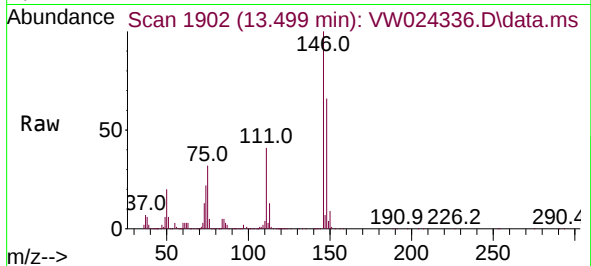




#64
1,3-Dichlorobenzene
Concen: 26.254 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.006 min
Lab File: VW024336.D
Acq: 24 Aug 2022 21:07

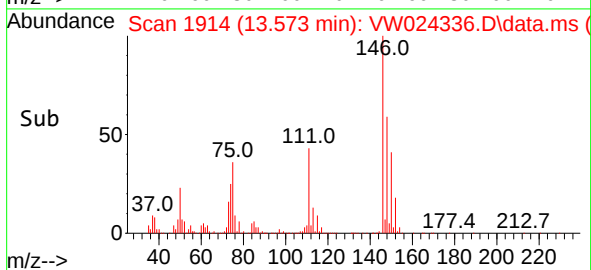
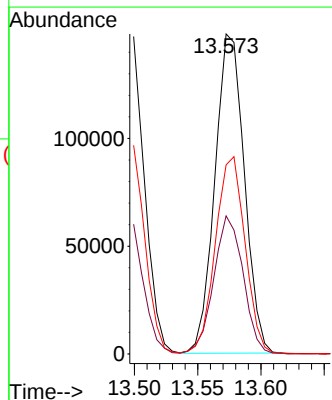
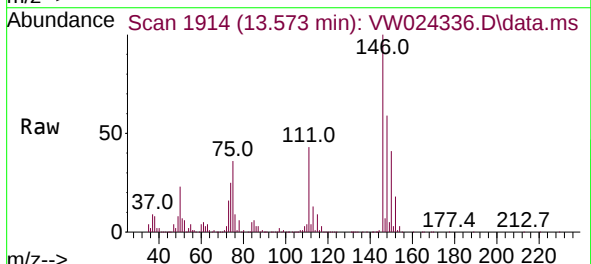
Instrument :
MSVOA_W
ClientSampleId :
VSTD025547

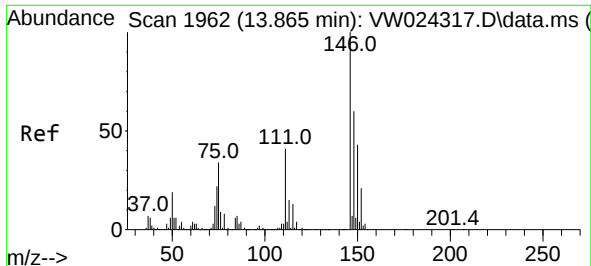
Tgt Ion:146 Resp: 231392
Ion Ratio Lower Upper
146 100
111 40.9 28.0 52.0
148 65.7 46.5 86.3



#65
1,4-Dichlorobenzene
Concen: 25.709 ug/L
RT: 13.573 min Scan# 1914
Delta R.T. -0.006 min
Lab File: VW024336.D
Acq: 24 Aug 2022 21:07

Tgt Ion:146 Resp: 239944
Ion Ratio Lower Upper
146 100
111 43.2 27.6 51.4
148 59.1 40.5 75.3





#67

1,2-Dichlorobenzene

Concen: 27.439 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VW024336.D

Acq: 24 Aug 2022 21:07

Instrument :

MSVOA_W

ClientSampleId :

VSTD025547

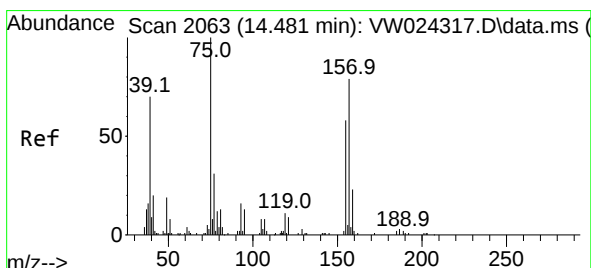
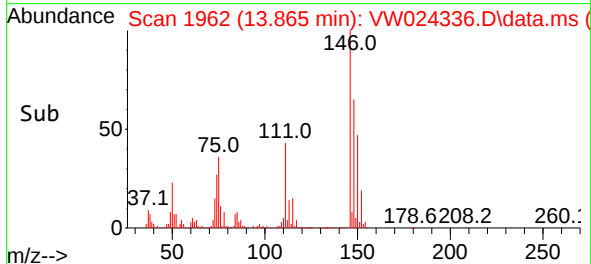
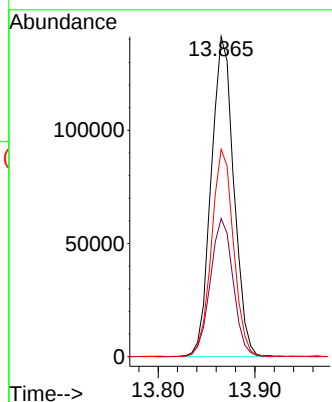
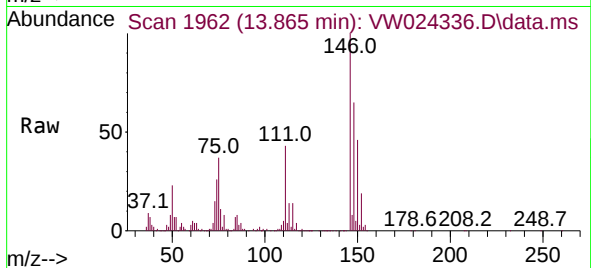
Tgt Ion:146 Resp: 229650

Ion Ratio Lower Upper

146 100

111 43.2 29.0 43.6

148 64.8 47.8 71.8



#68

1,2-Dibromo-3-chloropropane

Concen: 31.059 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW024336.D

Acq: 24 Aug 2022 21:07

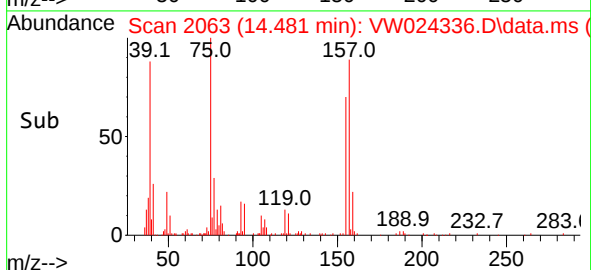
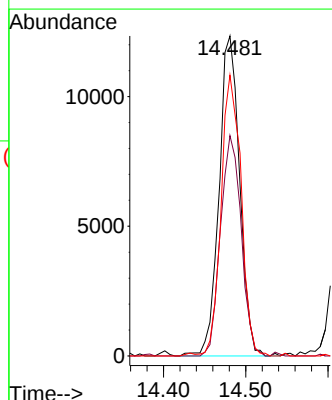
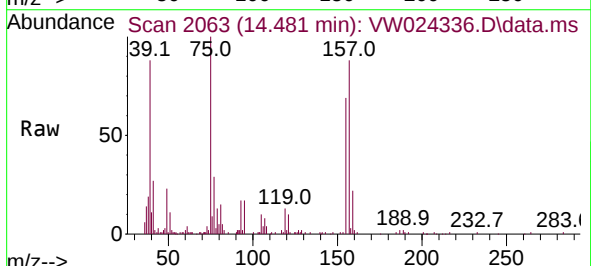
Tgt Ion: 75 Resp: 21472

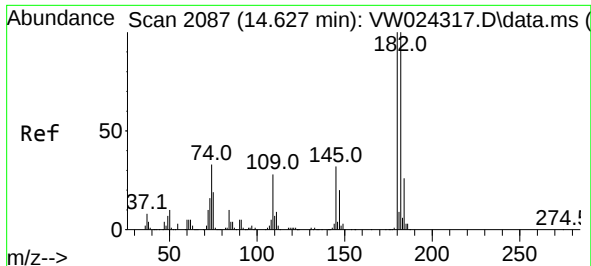
Ion Ratio Lower Upper

75 100

155 68.9 68.8 103.2

157 87.7 91.5 137.3#





#69

1,3,5-Trichlorobenzene

Concen: 23.452 ug/L

RT: 14.627 min Scan# 2087

Delta R.T. 0.000 min

Lab File: VW024336.D

Acq: 24 Aug 2022 21:07

Instrument :

MSVOA_W

ClientSampleId :

VSTD025547

Tgt Ion:180 Resp: 135538

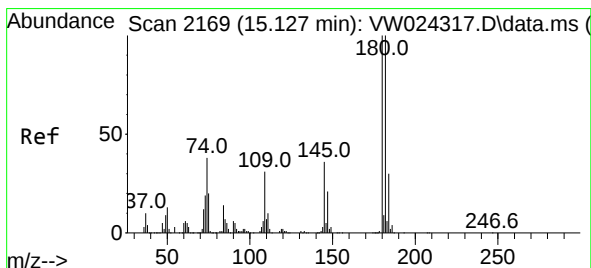
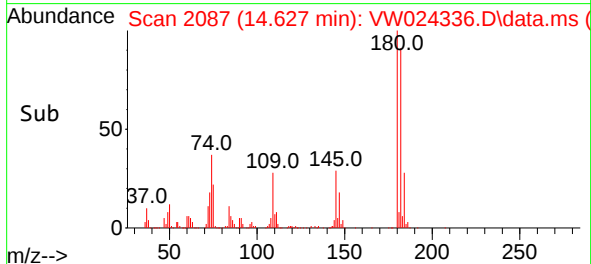
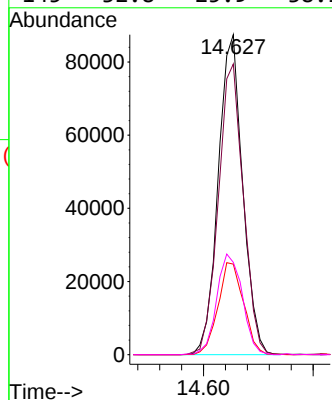
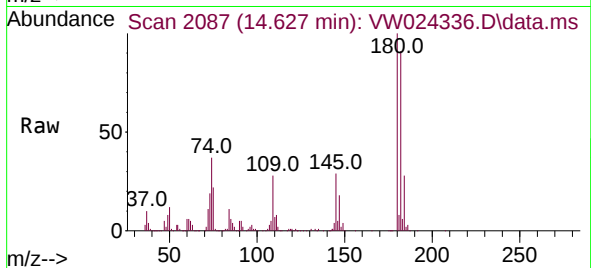
Ion Ratio Lower Upper

180 100

182 92.6 78.4 117.6

184 29.8 24.7 37.1

145 32.8 25.9 38.9



#70

1,2,4-trichlorobenzene

Concen: 23.022 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. 0.000 min

Lab File: VW024336.D

Acq: 24 Aug 2022 21:07

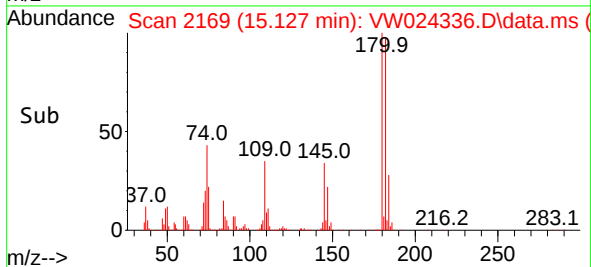
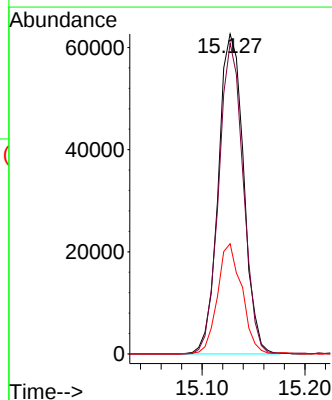
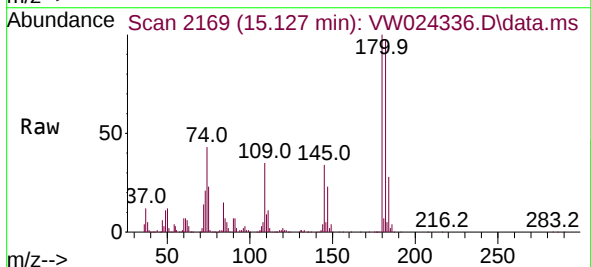
Tgt Ion:180 Resp: 106553

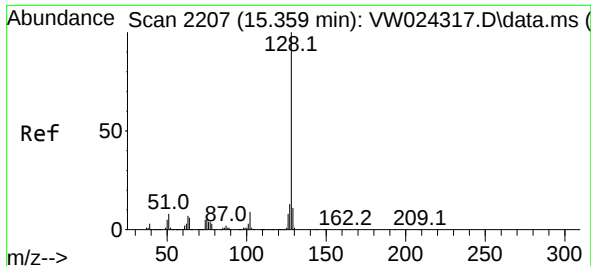
Ion Ratio Lower Upper

180 100

182 94.1 75.0 112.4

145 33.3 25.1 37.7

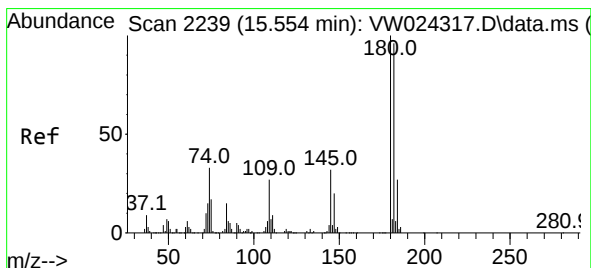
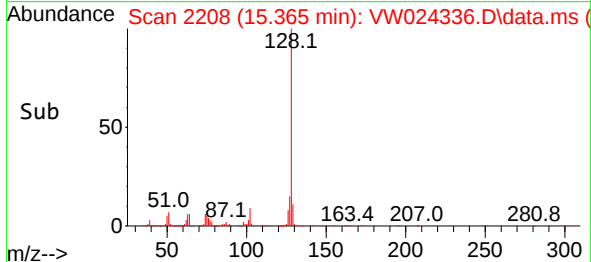
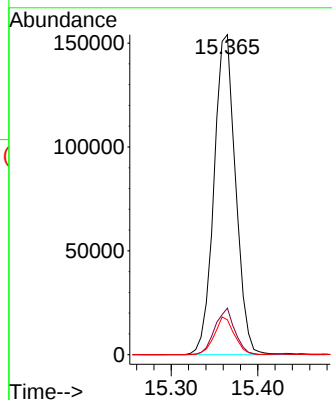
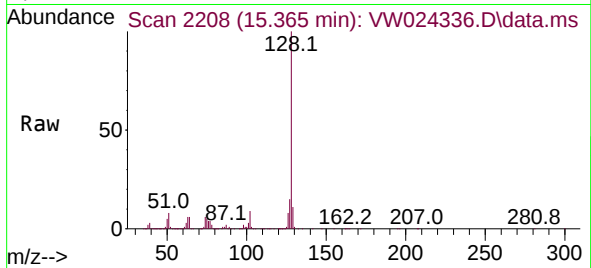




#71
Naphthalene
Concen: 29.642 ug/L
RT: 15.365 min Scan# 21
Delta R.T. 0.006 min
Lab File: VW024336.D
Acq: 24 Aug 2022 21:07

Instrument :
MSVOA_W
ClientSampleId :
VSTD025547

Tgt Ion:128 Resp: 267223
Ion Ratio Lower Upper
128 100
127 13.5 10.7 16.1
129 10.9 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 23.813 ug/L
RT: 15.548 min Scan# 2238
Delta R.T. -0.006 min
Lab File: VW024336.D
Acq: 24 Aug 2022 21:07

Tgt Ion:180 Resp: 100343
Ion Ratio Lower Upper
180 100
182 97.7 75.4 113.2
145 35.7 26.9 40.3

