

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080922\
 Data File : VW024206.D
 Acq On : 09 Aug 2022 12:13
 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: Aug 10 01:06:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Aug 09 04:14:12 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	289619	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	296176	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	173306	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	139171	22.989	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.960%
7) Chloroethane-d5	2.873	69	94103	24.954	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.800%
11) 1,1-Dichloroethene-d2	4.007	63	154931	22.456	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	89.840%
21) 2-Butanone-d5	7.080	46	66093	58.683	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	117.360%
24) Chloroform-d	7.641	84	215582	24.601	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.400%
26) 1,2-Dichloroethane-d4	8.299	65	121962	25.068	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.280%
32) Benzene-d6	8.268	84	397812	22.775	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.080%
36) 1,2-Dichloropropane-d6	9.268	67	119829	23.235	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.920%
41) Toluene-d8	10.323	98	373521	22.878	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.520%
43) trans-1,3-Dichloroprop...	10.573	79	52884	23.411	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.640%
47) 2-Hexanone-d5	10.920	63	55897	58.679	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	117.360%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	128139	25.609	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.440%
66) 1,2-Dichlorobenzene-d4	13.853	152	145832	22.995	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.960%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.001	85	74896	29.394	ug/L	100
3) Chloromethane	2.209	50	115504	24.171	ug/L	97
5) Vinyl chloride	2.349	62	168638	25.351	ug/L	100
6) Bromomethane	2.763	94	91682	24.037	ug/L	91
8) Chloroethane	2.910	64	81613	28.008	ug/L	95
9) Trichlorofluoromethane	3.239	101	63123	20.017	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.044	101	108681	25.554	ug/L	97
12) 1,1-Dichloroethene	4.025	96	86533	24.853	ug/L	94
13) Acetone	4.123	43	39875	48.088	ug/L	66
14) Carbon disulfide	4.379	76	266578	23.926	ug/L	99
15) Methyl Acetate	4.665	43	49553	26.531	ug/L #	71
16) Methylene chloride	4.909	84	113026	22.130	ug/L	96
17) trans-1,2-Dichloroethene	5.415	96	97877	24.342	ug/L	97
18) Methyl tert-butyl Ether	5.421	73	150499	26.248	ug/L	99
19) 1,1-Dichloroethane	6.208	63	176626	24.937	ug/L	98
20) cis-1,2-Dichloroethene	7.165	96	114669	25.968	ug/L #	91
22) 2-Butanone	7.171	43	72517	51.899	ug/L	100
23) Bromochloromethane	7.513	128	58922	26.793	ug/L #	93
25) Chloroform	7.671	83	201990	25.880	ug/L	96

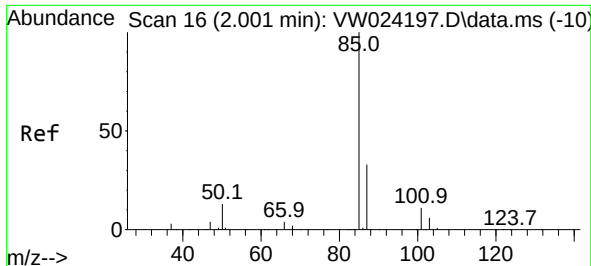
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080922\
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Aug 09 04:14:12 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.396	62	140529	26.758	ug/L	98
29) Cyclohexane	7.951	56	143245	23.591	ug/L	97
30) 1,1,1-Trichloroethane	7.866	97	165280	24.746	ug/L	99
31) Carbon tetrachloride	8.061	117	155529	24.682	ug/L	99
33) Benzene	8.323	78	428634	24.504	ug/L	100
34) Trichloroethene	9.091	95	110317	23.860	ug/L	96
35) Methylcyclohexane	9.335	83	181435	25.024	ug/L	98
37) 1,2-Dichloropropane	9.366	63	105361	24.366	ug/L #	96
38) Bromodichloromethane	9.640	83	151678	25.009	ug/L	96
39) cis-1,3-Dichloropropene	10.073	75	162936	25.612	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	158888	55.365	ug/L	98
42) Toluene	10.384	91	475414	25.575	ug/L	96
44) trans-1,3-Dichloropropene	10.603	75	151597	26.080	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	91928	25.223	ug/L	92
46) Tetrachloroethene	10.859	164	91986	24.575	ug/L	93
48) 2-Hexanone	10.969	43	115871	59.494	ug/L	99
49) Dibromochloromethane	11.128	129	112693	25.684	ug/L	99
50) 1,2-Dibromoethane	11.231	107	92921	26.610	ug/L	97
51) Chlorobenzene	11.652	112	318613	25.087	ug/L	94
52) Ethylbenzene	11.731	91	521399	25.601	ug/L	99
53) m,p-Xylene	11.835	106	207860	26.220	ug/L	93
54) o-Xylene	12.164	106	196110	26.185	ug/L	95
55) Styrene	12.176	104	350359	26.897	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	121249	26.619	ug/L	97
59) Bromoform	12.347	173	68981	26.095	ug/L	99
60) Isopropylbenzene	12.463	105	531853	25.351	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	86966	25.215	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	451060	26.017	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	452130	26.480	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	265541	25.847	ug/L	96
65) 1,4-Dichlorobenzene	13.572	146	267395	24.580	ug/L	96
67) 1,2-Dichlorobenzene	13.865	146	247567	25.377	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	20315	25.210	ug/L	83
69) 1,3,5-Trichlorobenzene	14.627	180	177060	26.283	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	144183	26.726	ug/L	99
71) Naphthalene	15.359	128	310116	29.512	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	138687	28.237	ug/L	100

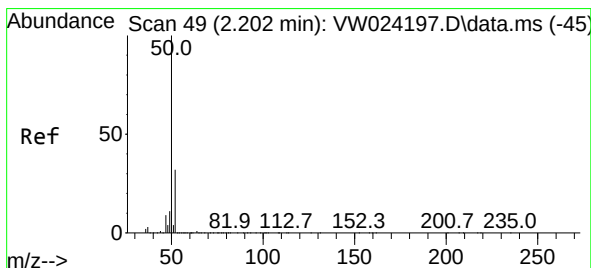
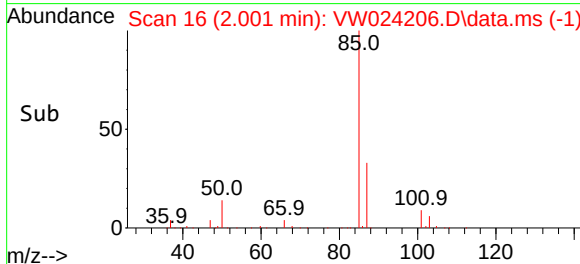
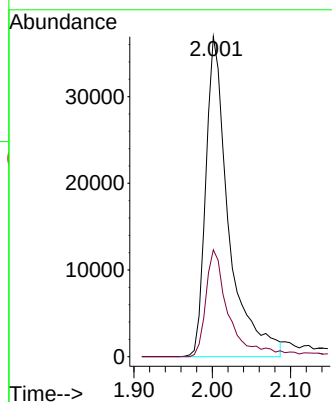
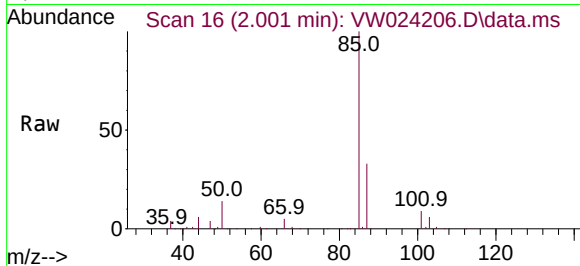
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 29.394 ug/L
 RT: 2.001 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VW024206.D
 Acq: 09 Aug 2022 12:13

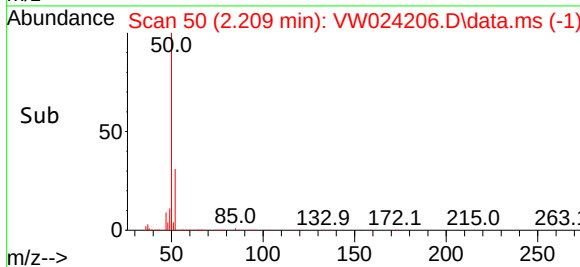
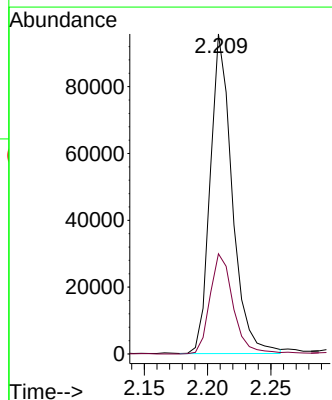
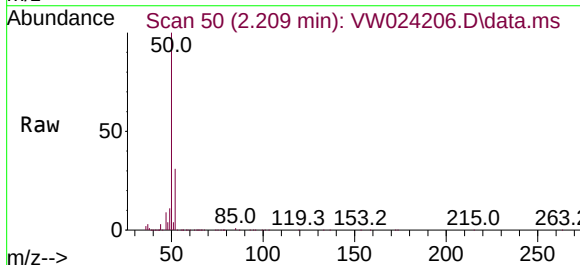
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025526

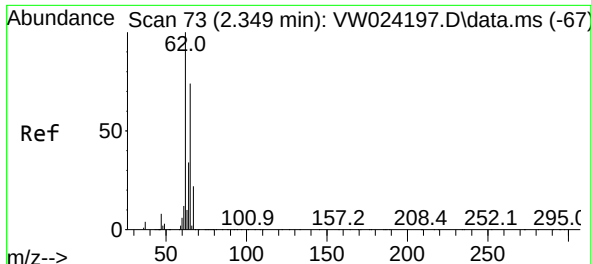
Tgt Ion: 85 Resp: 74896
 Ion Ratio Lower Upper
 85 100
 87 30.4 24.5 36.7



#3
 Chloromethane
 Concen: 24.171 ug/L
 RT: 2.209 min Scan# 50
 Delta R.T. 0.006 min
 Lab File: VW024206.D
 Acq: 09 Aug 2022 12:13

Tgt Ion: 50 Resp: 115504
 Ion Ratio Lower Upper
 50 100
 52 31.3 23.2 43.2

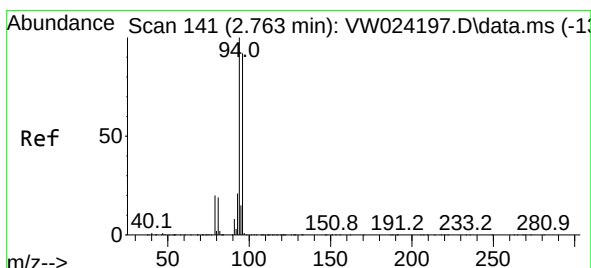
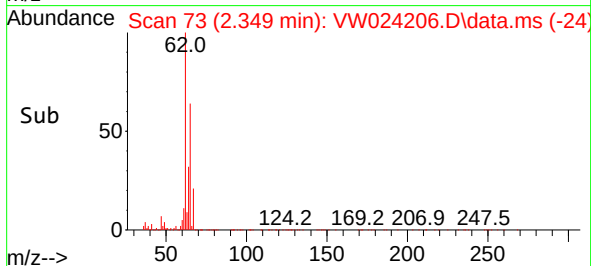
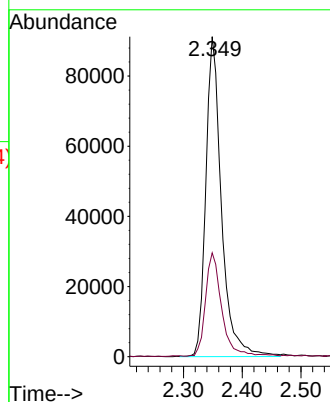
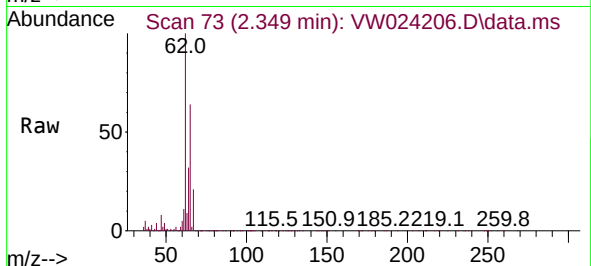




#5
 Vinyl chloride
 Concen: 25.351 ug/L
 RT: 2.349 min Scan# 73
 Delta R.T. 0.000 min
 Lab File: VW024206.D
 Acq: 09 Aug 2022 12:13

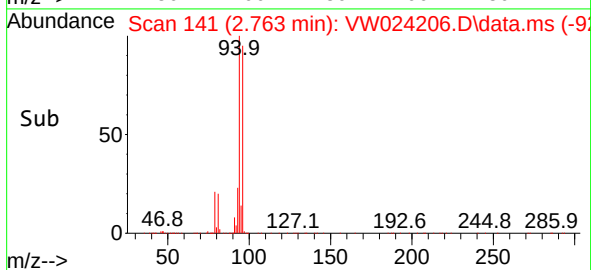
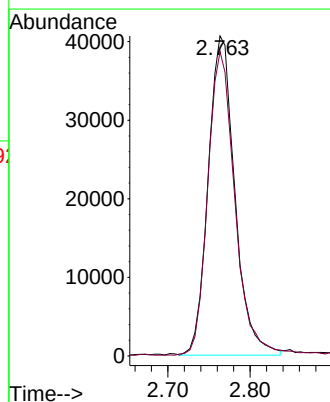
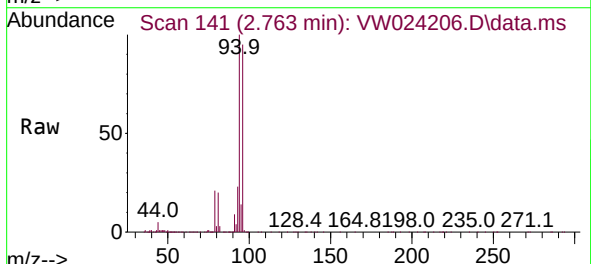
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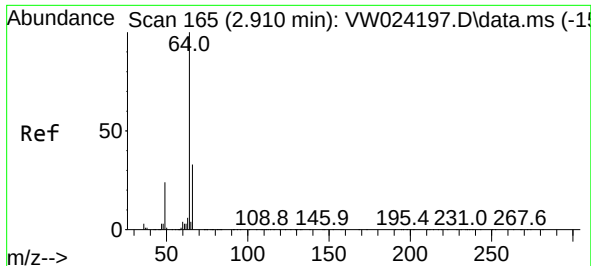
Tgt Ion: 62 Resp: 168638
 Ion Ratio Lower Upper
 62 100
 64 32.5 22.7 42.3



#6
 Bromomethane
 Concen: 24.037 ug/L
 RT: 2.763 min Scan# 141
 Delta R.T. 0.000 min
 Lab File: VW024206.D
 Acq: 09 Aug 2022 12:13

Tgt Ion: 94 Resp: 91682
 Ion Ratio Lower Upper
 94 100
 96 95.1 61.0 113.4

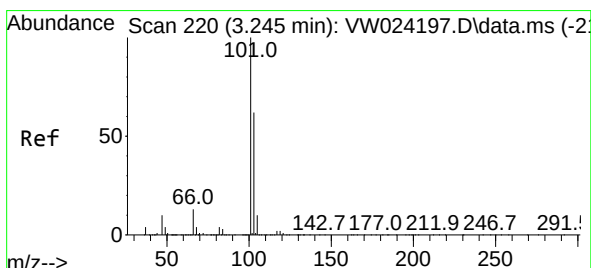
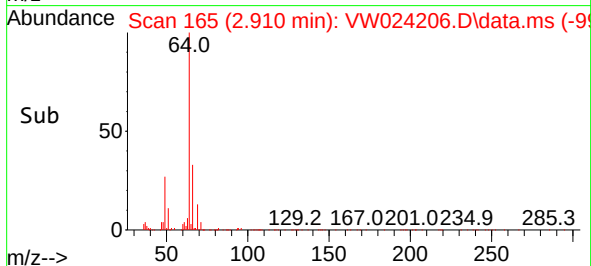
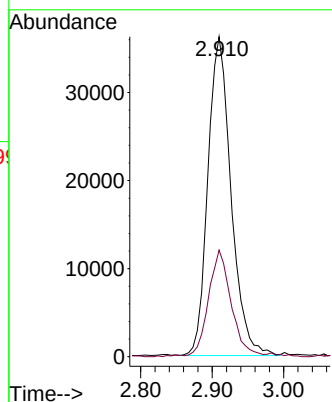
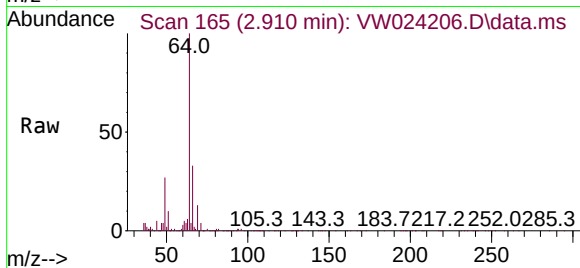




#8
Chloroethane
Concen: 28.008 ug/L
RT: 2.910 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW024206.D
Acq: 09 Aug 2022 12:13

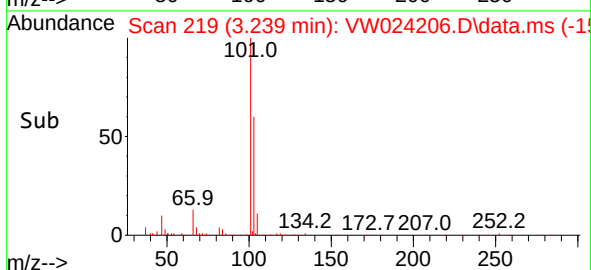
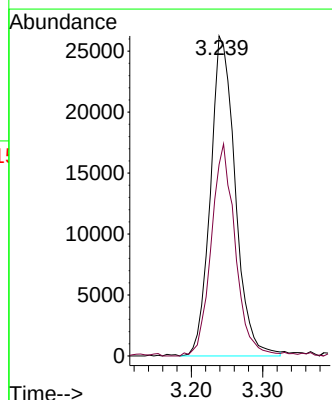
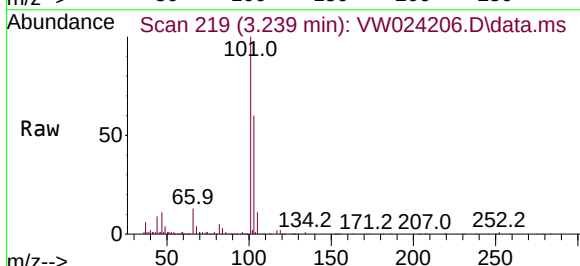
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ClientSampleId :
VSTD025526

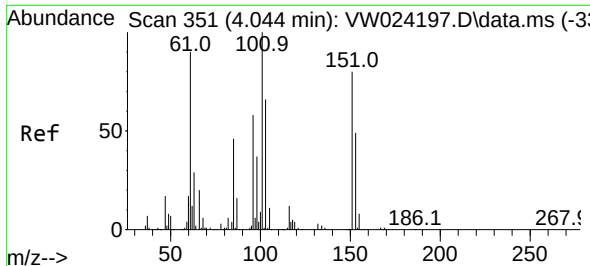
Tgt Ion: 64 Resp: 81613
Ion Ratio Lower Upper
64 100
66 33.3 21.6 40.0



#9
Trichlorofluoromethane
Concen: 20.017 ug/L
RT: 3.239 min Scan# 219
Delta R.T. -0.006 min
Lab File: VW024206.D
Acq: 09 Aug 2022 12:13

Tgt Ion: 101 Resp: 63123
Ion Ratio Lower Upper
101 100
103 64.1 50.5 75.7

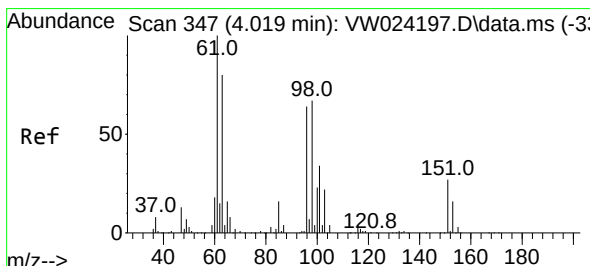
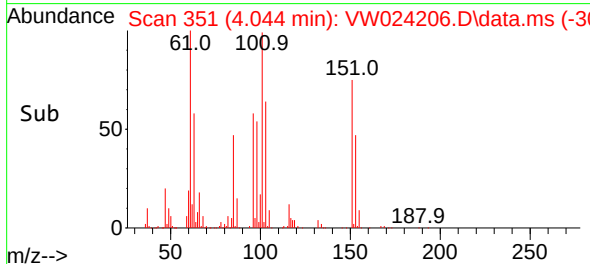
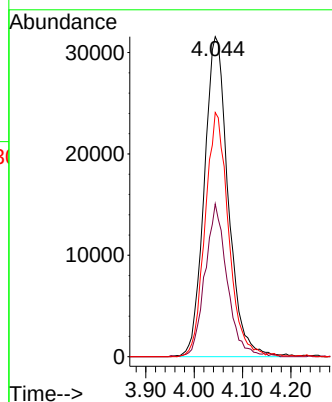
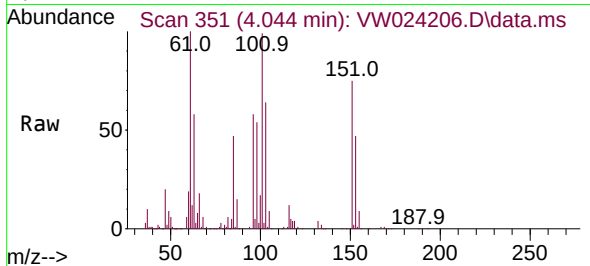




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 25.554 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. 0.000 min
 Lab File: VW024206.D
 Acq: 09 Aug 2022 12:13

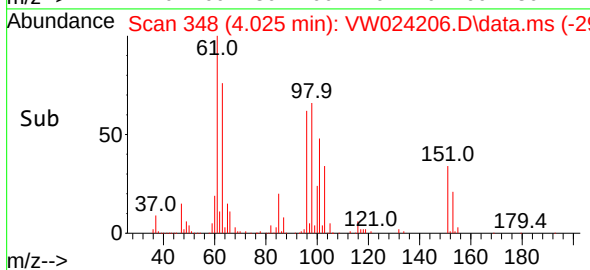
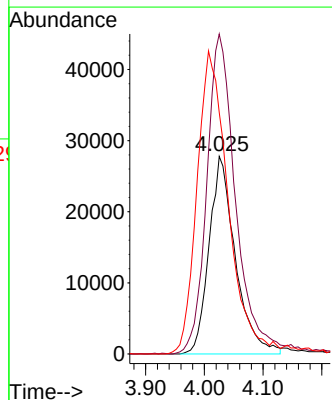
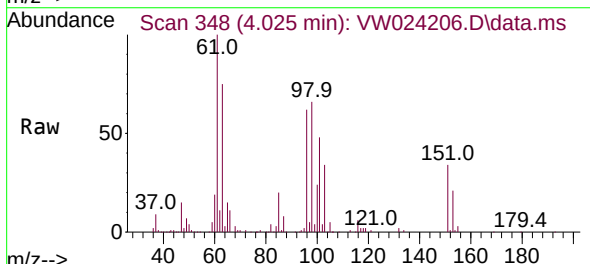
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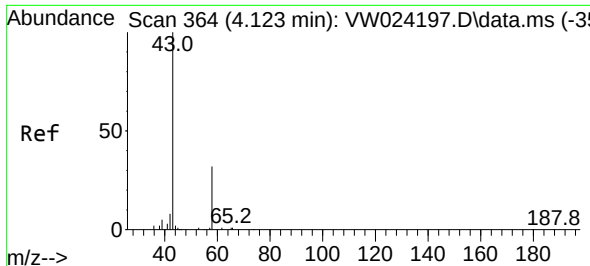
Tgt Ion:101 Resp: 108681
 Ion Ratio Lower Upper
 101 100
 85 43.1 34.9 52.3
 151 74.5 57.0 85.6



#12
 1,1-Dichloroethene
 Concen: 24.853 ug/L
 RT: 4.025 min Scan# 348
 Delta R.T. 0.006 min
 Lab File: VW024206.D
 Acq: 09 Aug 2022 12:13

Tgt Ion: 96 Resp: 86533
 Ion Ratio Lower Upper
 96 100
 61 161.9 123.1 228.5
 63 122.2 84.9 157.7

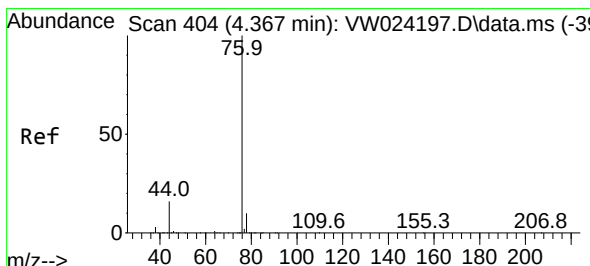
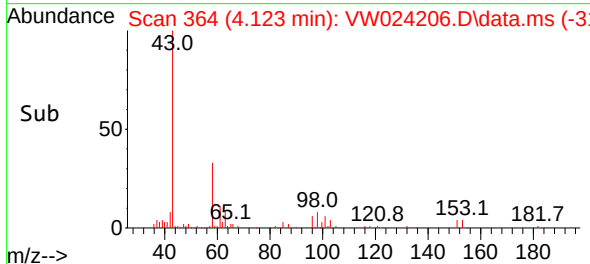
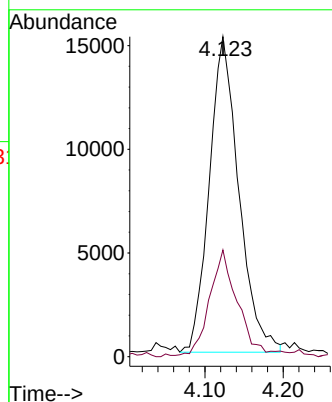
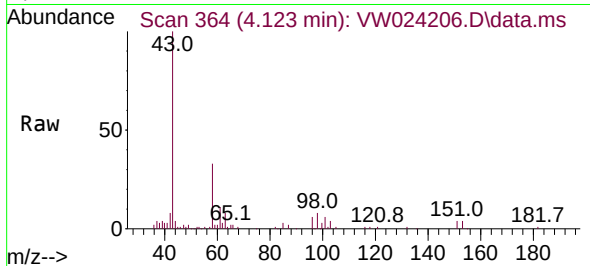




#13
Acetone
Concen: 48.088 ug/L
RT: 4.123 min Scan# 30
Delta R.T. 0.000 min
Lab File: VW024206.D
Acq: 09 Aug 2022 12:13

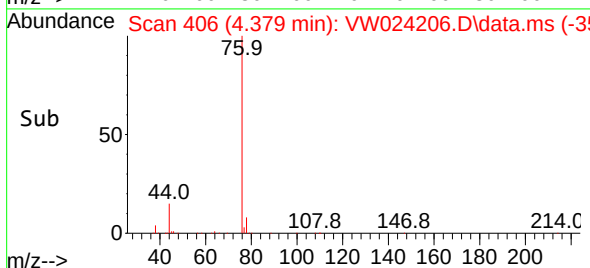
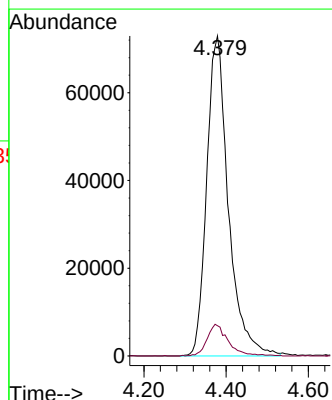
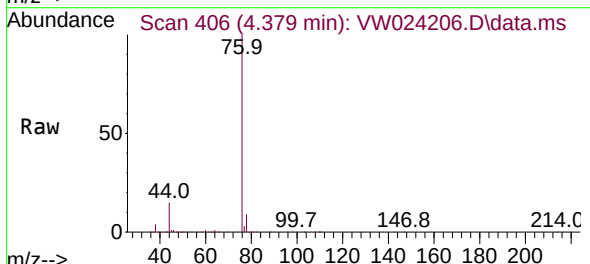
Instrument :
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VSTD025526

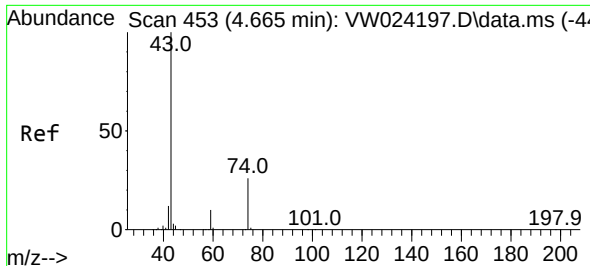
Tgt Ion: 43 Resp: 39875
Ion Ratio Lower Upper
43 100
58 30.3 0.0 31.8



#14
Carbon disulfide
Concen: 23.926 ug/L
RT: 4.379 min Scan# 406
Delta R.T. 0.012 min
Lab File: VW024206.D
Acq: 09 Aug 2022 12:13

Tgt Ion: 76 Resp: 266578
Ion Ratio Lower Upper
76 100
78 9.5 7.9 11.9

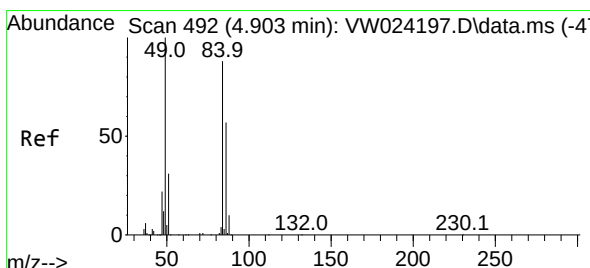
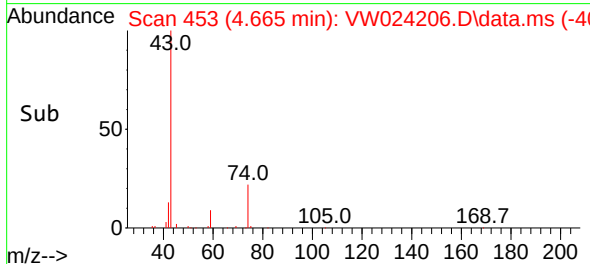
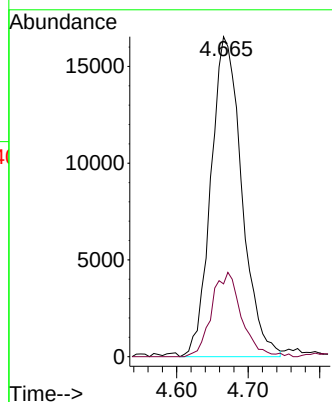
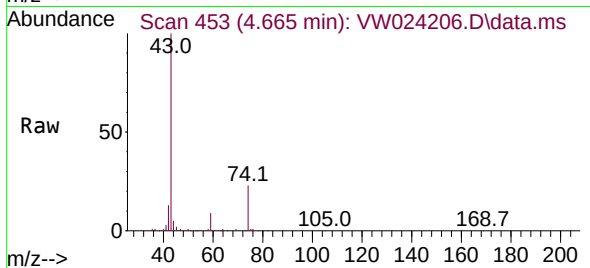




#15
Methyl Acetate
Concen: 26.531 ug/L
RT: 4.665 min Scan# 41
Delta R.T. 0.000 min
Lab File: VW024206.D
Acq: 09 Aug 2022 12:13

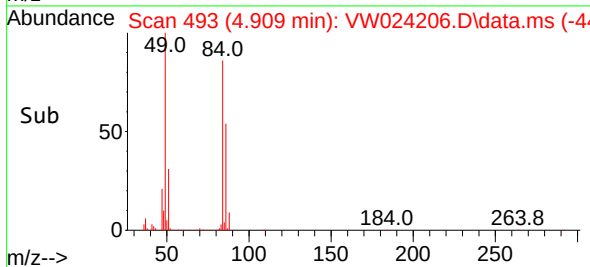
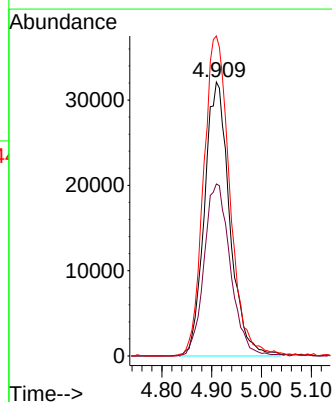
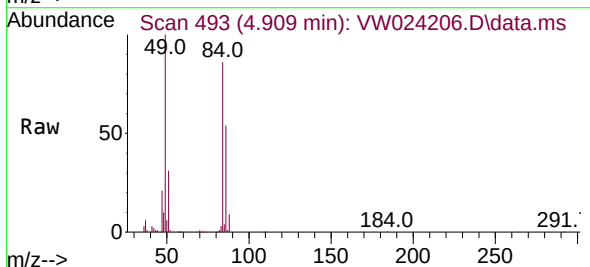
Instrument :
MSVOA_W
ClientSampleId :
VSTD025526

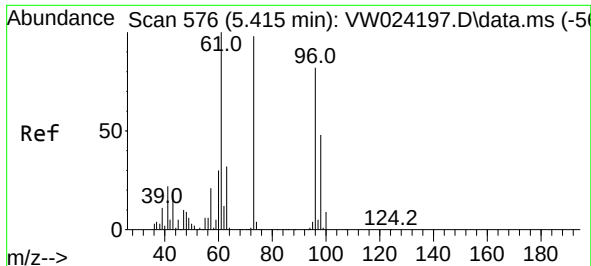
Tgt Ion: 43 Resp: 49553
Ion Ratio Lower Upper
43 100
74 11.8 21.5 32.3#



#16
Methylene chloride
Concen: 22.130 ug/L
RT: 4.909 min Scan# 493
Delta R.T. 0.006 min
Lab File: VW024206.D
Acq: 09 Aug 2022 12:13

Tgt Ion: 84 Resp: 113026
Ion Ratio Lower Upper
84 100
86 62.8 42.8 79.6
49 116.8 85.3 158.3

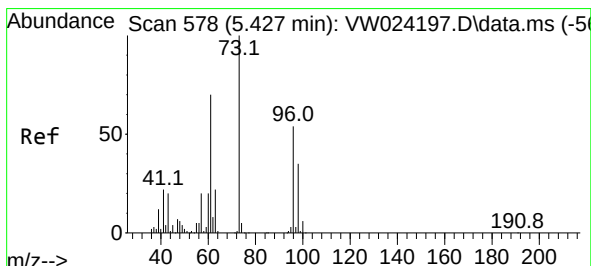
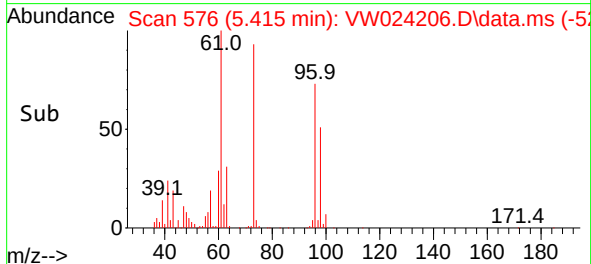
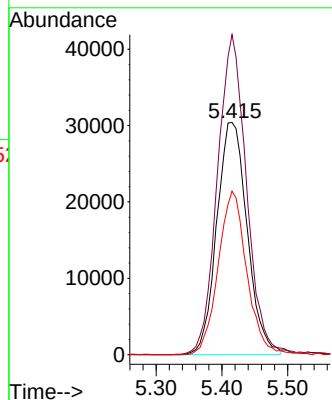
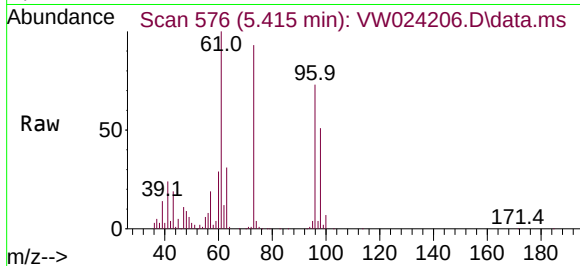




#17
trans-1,2-Dichloroethene
Concen: 24.342 ug/L
RT: 5.415 min Scan# 576
Delta R.T. 0.000 min
Lab File: VW024206.D
Acq: 09 Aug 2022 12:13

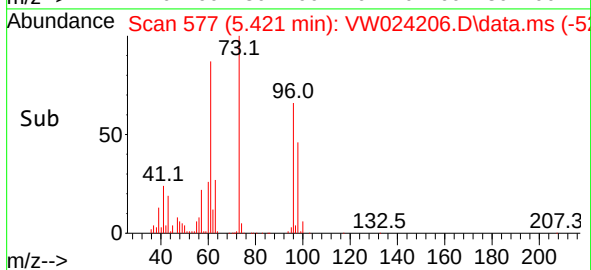
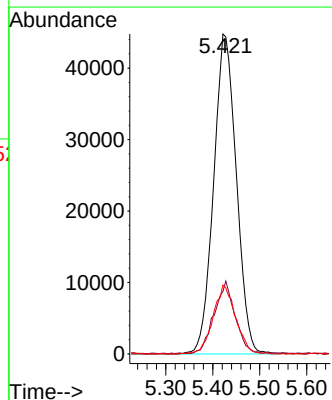
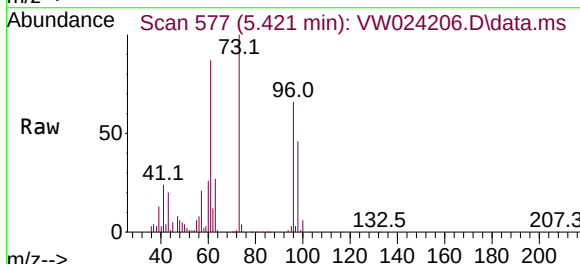
Instrument :
MSVOA_W
ClientSampleId :
VSTD025526

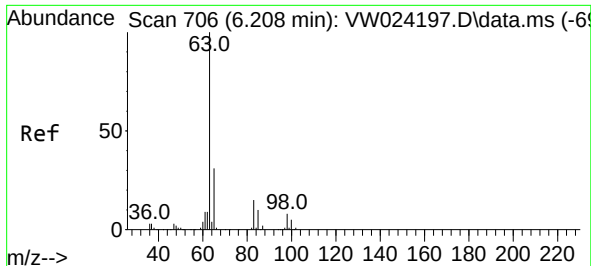
Tgt Ion: 96 Resp: 97877
Ion Ratio Lower Upper
96 100
61 137.8 93.0 172.8
98 70.4 48.5 90.1



#18
Methyl tert-butyl Ether
Concen: 26.248 ug/L
RT: 5.421 min Scan# 577
Delta R.T. -0.006 min
Lab File: VW024206.D
Acq: 09 Aug 2022 12:13

Tgt Ion: 73 Resp: 150499
Ion Ratio Lower Upper
73 100
43 20.5 16.6 24.8
57 21.0 17.6 26.4

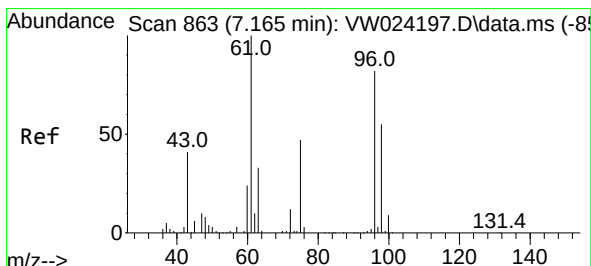
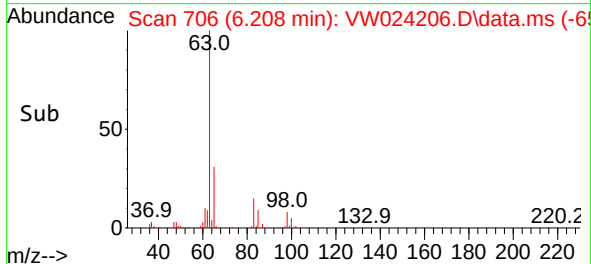
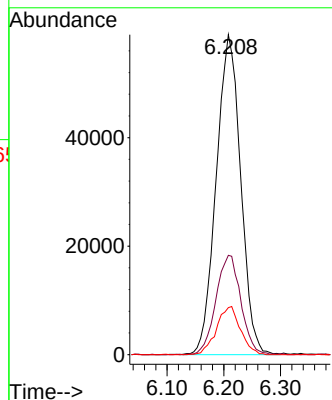
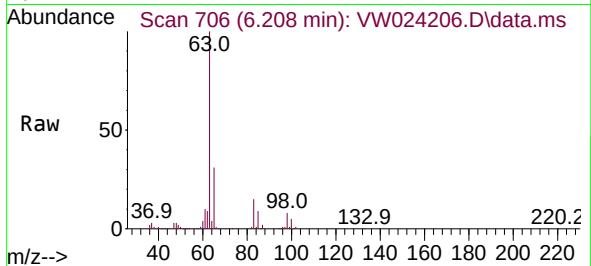




#19
1,1-Dichloroethane
Concen: 24.937 ug/L
RT: 6.208 min Scan# 706
Delta R.T. 0.000 min
Lab File: VW024206.D
Acq: 09 Aug 2022 12:13

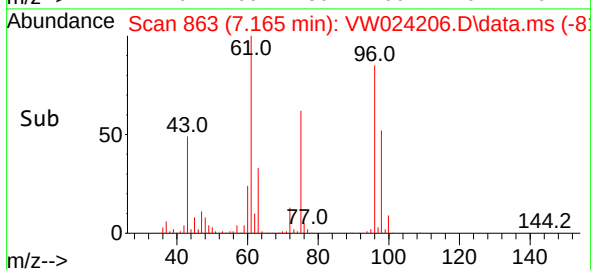
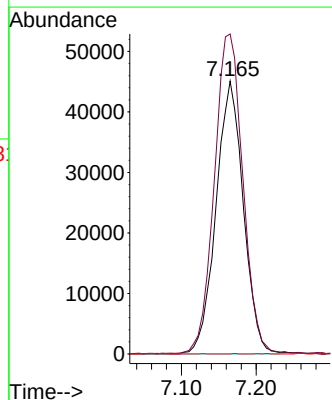
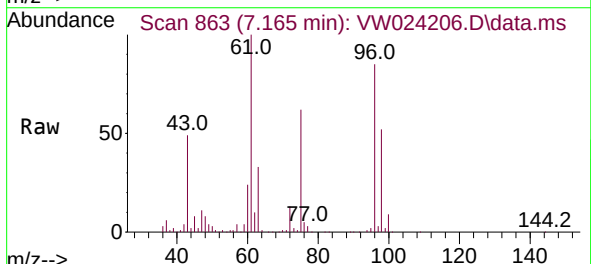
Instrument :
MSVOA_W
ClientSampleId :
VSTD025526

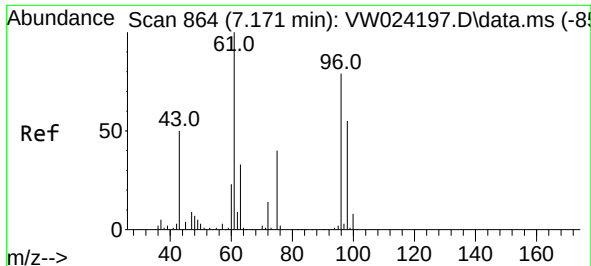
Tgt Ion: 63 Resp: 176626
Ion Ratio Lower Upper
63 100
65 31.0 22.0 41.0
83 14.7 9.2 17.0



#20
cis-1,2-Dichloroethene
Concen: 25.968 ug/L
RT: 7.165 min Scan# 863
Delta R.T. 0.000 min
Lab File: VW024206.D
Acq: 09 Aug 2022 12:13

Tgt Ion: 96 Resp: 114669
Ion Ratio Lower Upper
96 100
61 117.3 89.5 166.3
68 0.0 0.1 0.1#

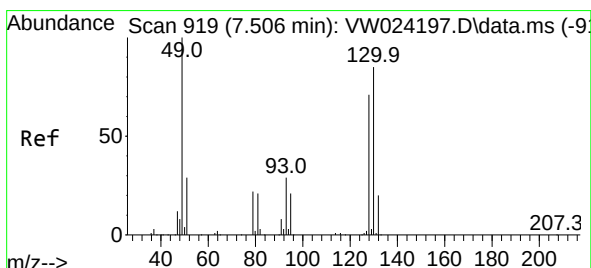
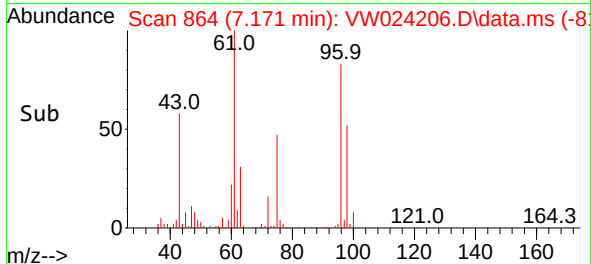
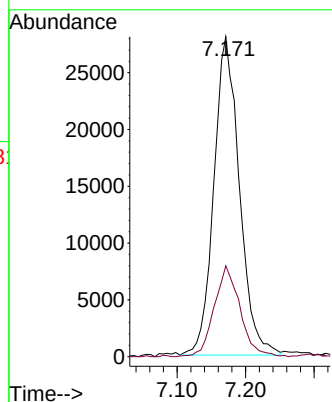
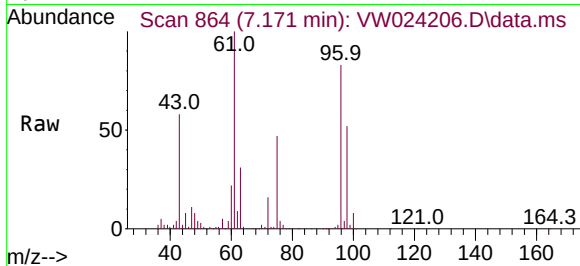




#22
2-Butanone
Concen: 51.899 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW024206.D
Acq: 09 Aug 2022 12:13

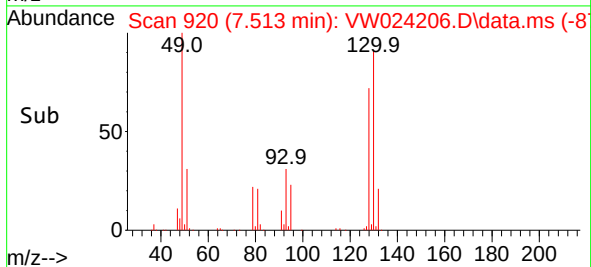
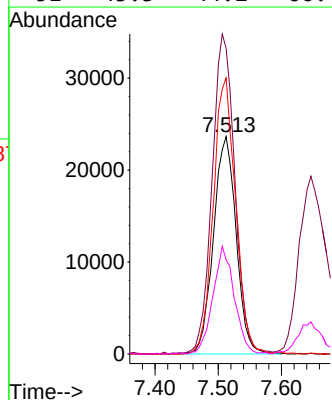
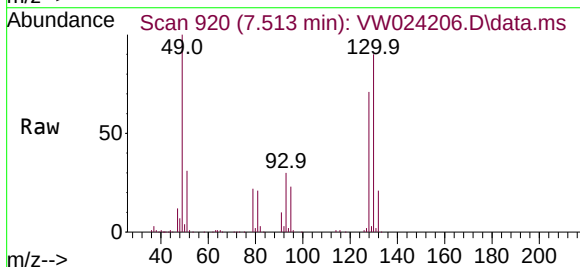
Instrument :
MSVOA_W
ClientSampleId :
VSTD025526

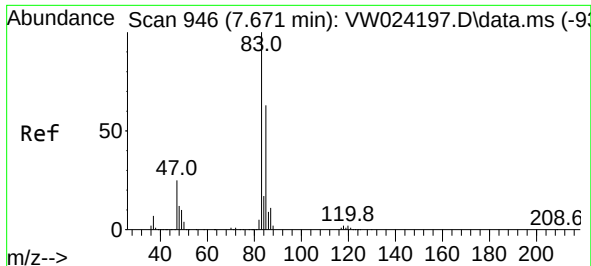
Tgt Ion: 43 Resp: 72517
Ion Ratio Lower Upper
43 100
72 28.8 14.3 42.9



#23
Bromochloromethane
Concen: 26.793 ug/L
RT: 7.513 min Scan# 920
Delta R.T. 0.006 min
Lab File: VW024206.D
Acq: 09 Aug 2022 12:13

Tgt Ion: 128 Resp: 58922
Ion Ratio Lower Upper
128 100
49 140.7 106.6 198.0
130 127.0 88.1 163.5
51 43.3 44.2 66.4#

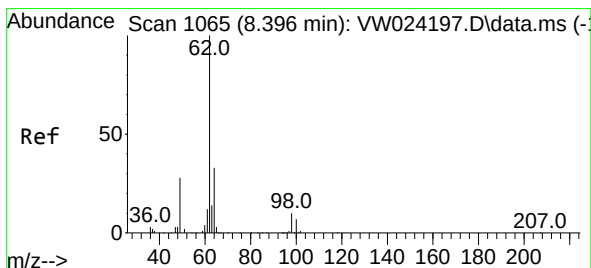
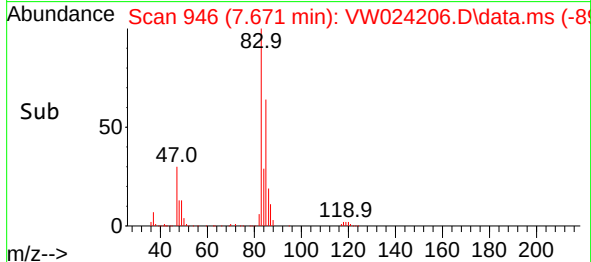
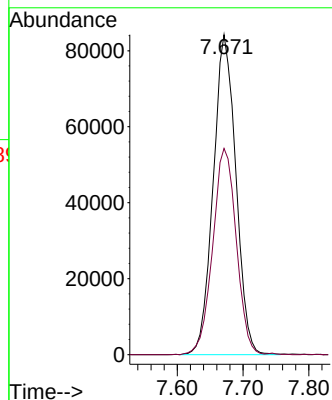
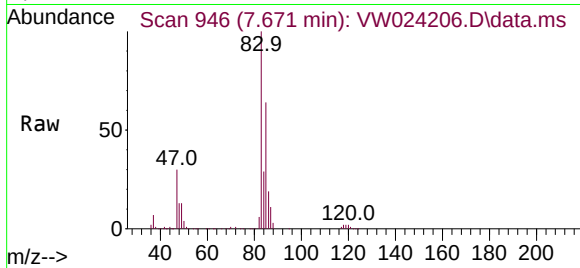




#25
Chloroform
Concen: 25.880 ug/L
RT: 7.671 min Scan# 946
Delta R.T. 0.000 min
Lab File: VW024206.D
Acq: 09 Aug 2022 12:13

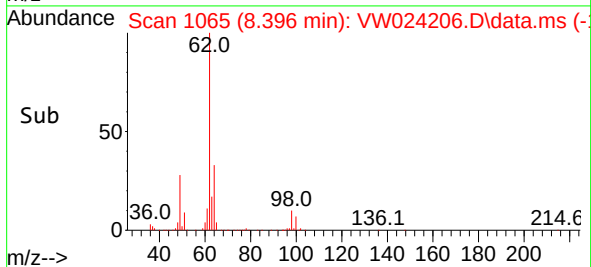
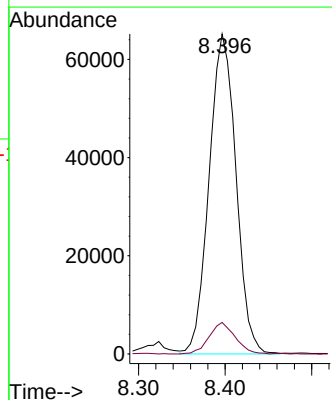
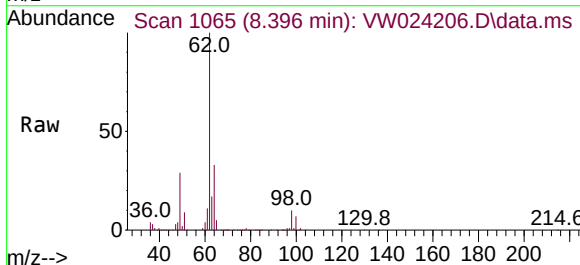
Instrument :
MSVOA_W
ClientSampleId :
VSTD025526

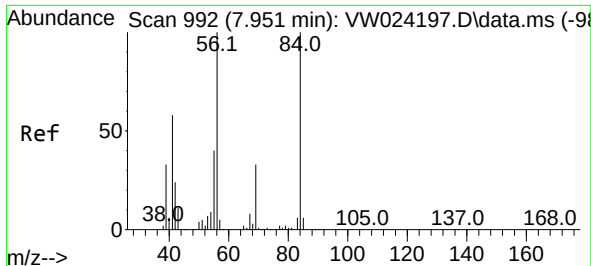
Tgt Ion: 83 Resp: 201990
Ion Ratio Lower Upper
83 100
85 64.4 42.9 79.7



#27
1,2-Dichloroethane
Concen: 26.758 ug/L
RT: 8.396 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VW024206.D
Acq: 09 Aug 2022 12:13

Tgt Ion: 62 Resp: 140529
Ion Ratio Lower Upper
62 100
98 9.8 7.4 11.0

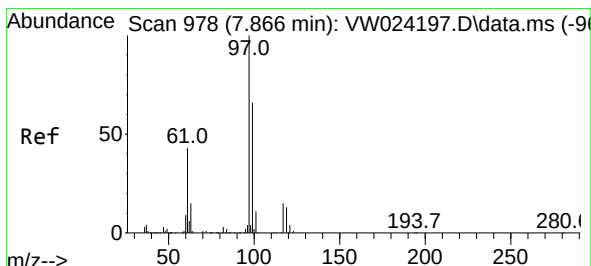
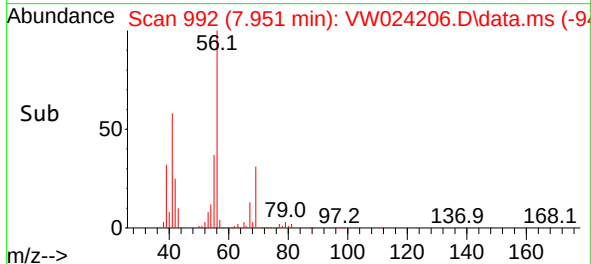
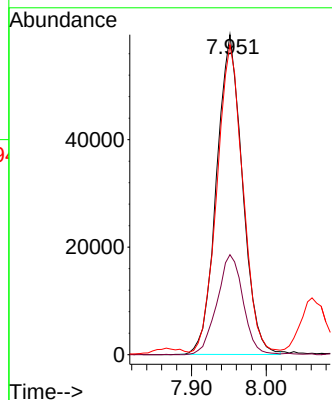
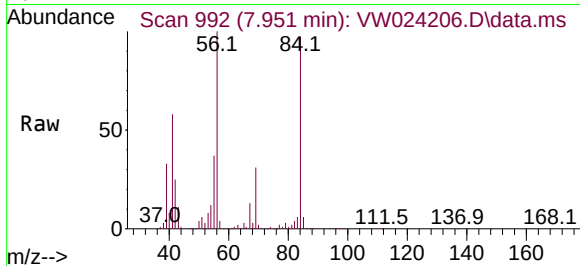




#29
Cyclohexane
Concen: 23.591 ug/L
RT: 7.951 min Scan# 992
Delta R.T. 0.000 min
Lab File: VW024206.D
Acq: 09 Aug 2022 12:13

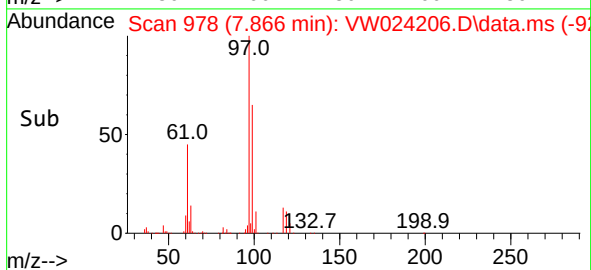
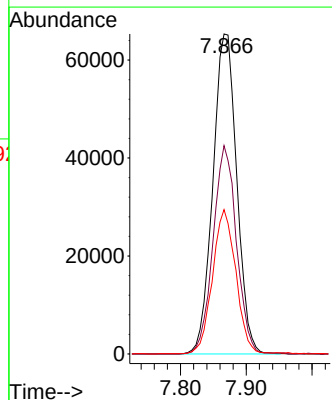
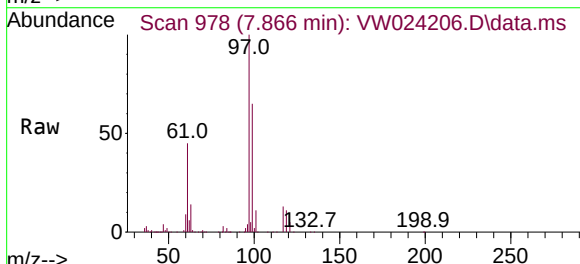
Instrument :
MSVOA_W
ClientSampleId :
VSTD025526

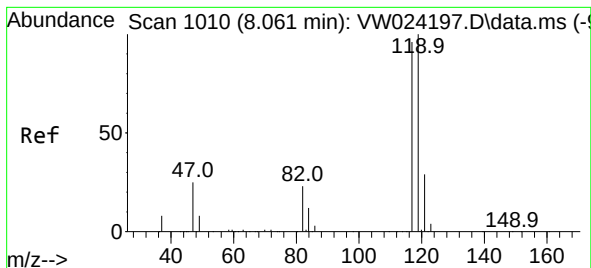
Tgt Ion: 56 Resp: 143245
Ion Ratio Lower Upper
56 100
69 31.4 24.5 36.7
84 97.8 75.5 113.3



#30
1,1,1-Trichloroethane
Concen: 24.746 ug/L
RT: 7.866 min Scan# 978
Delta R.T. 0.000 min
Lab File: VW024206.D
Acq: 09 Aug 2022 12:13

Tgt Ion: 97 Resp: 165280
Ion Ratio Lower Upper
97 100
99 63.7 51.0 76.6
61 44.1 36.2 54.2

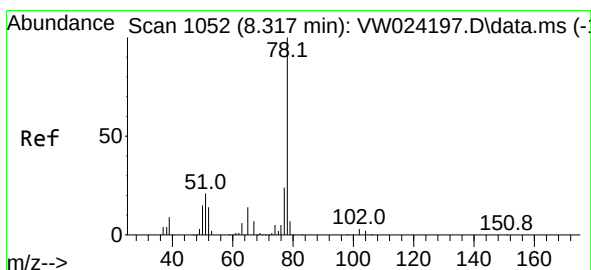
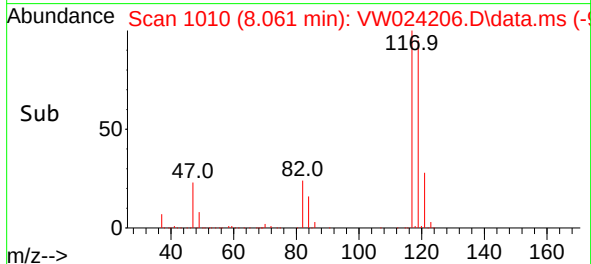
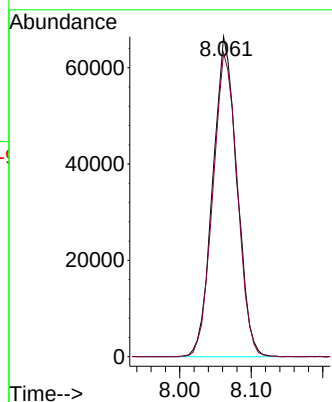
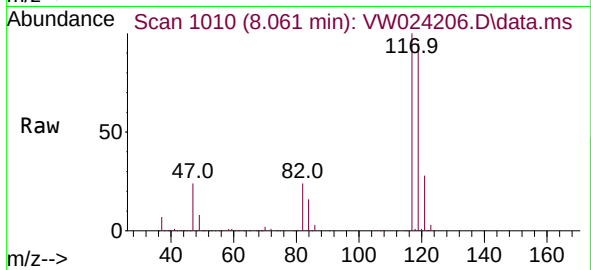




#31
Carbon tetrachloride
Concen: 24.682 ug/L
RT: 8.061 min Scan# 1010
Delta R.T. 0.000 min
Lab File: VW024206.D
Acq: 09 Aug 2022 12:13

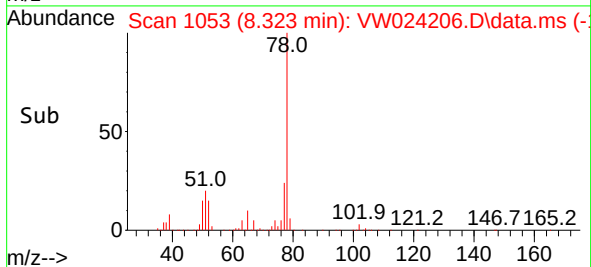
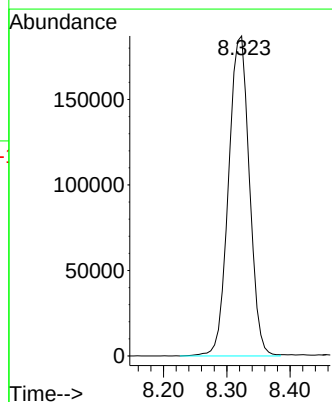
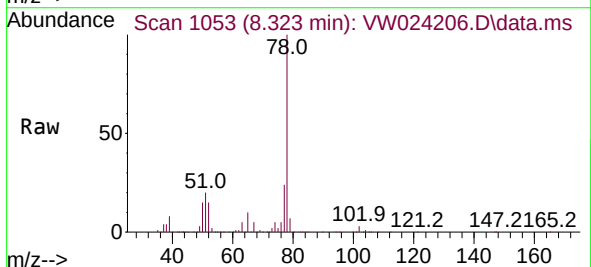
Instrument :
MSVOA_W
ClientSampleId :
VSTD025526

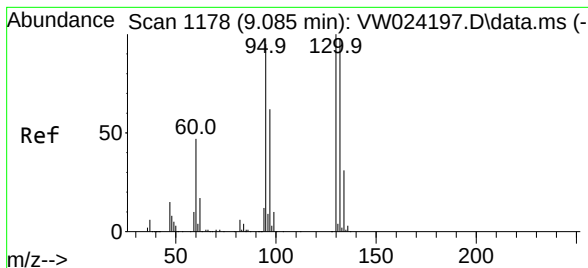
Tgt Ion:117 Resp: 155529
Ion Ratio Lower Upper
117 100
119 96.1 77.8 116.8



#33
Benzene
Concen: 24.504 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.006 min
Lab File: VW024206.D
Acq: 09 Aug 2022 12:13

Tgt Ion: 78 Resp: 428634





#34

Trichloroethene

Concen: 23.860 ug/L

RT: 9.091 min Scan# 1179

Delta R.T. 0.006 min

Lab File: VW024206.D

Acq: 09 Aug 2022 12:13

Instrument :

MSVOA_W

ClientSampleId :

VSTD025526

Tgt Ion: 95 Resp: 110317

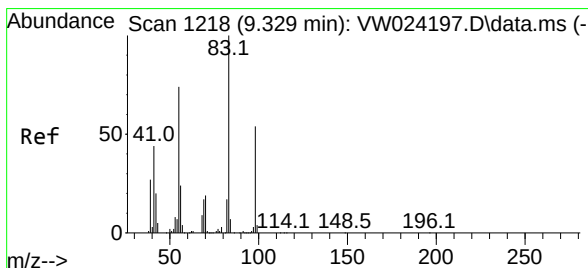
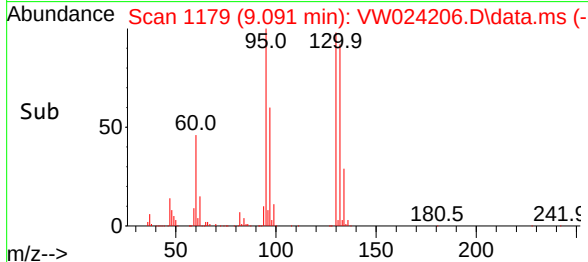
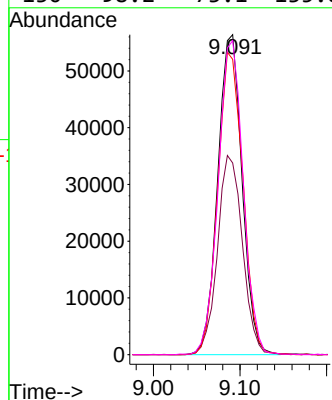
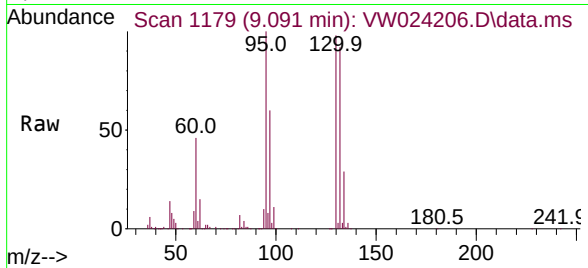
Ion Ratio Lower Upper

95 100

97 59.9 41.6 77.2

132 92.3 67.0 124.4

130 98.2 73.1 135.8



#35

Methylcyclohexane

Concen: 25.024 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. 0.006 min

Lab File: VW024206.D

Acq: 09 Aug 2022 12:13

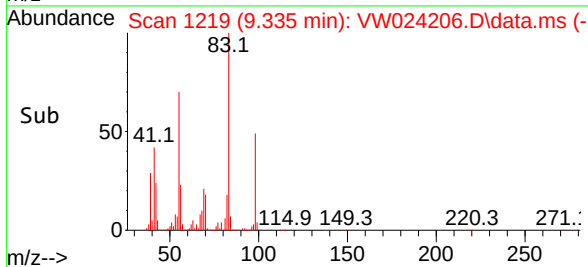
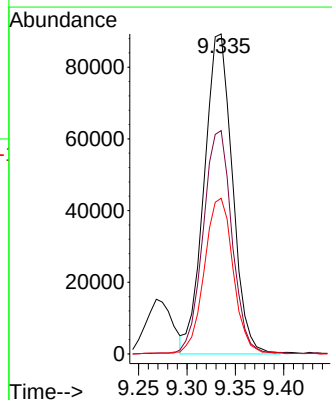
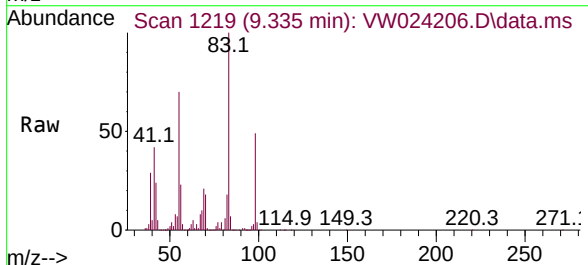
Tgt Ion: 83 Resp: 181435

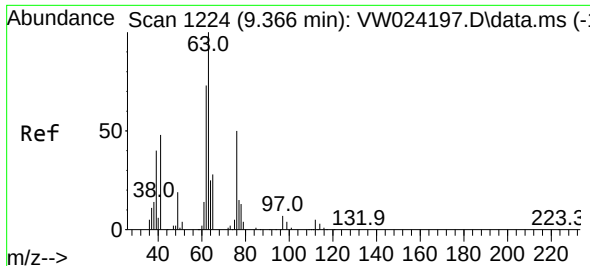
Ion Ratio Lower Upper

83 100

55 71.3 59.1 88.7

98 50.0 40.8 61.2





#37

1,2-Dichloropropane

Concen: 24.366 ug/L

RT: 9.366 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW024206.D

Acq: 09 Aug 2022 12:13

Instrument :

MSVOA_W

ClientSampleId :

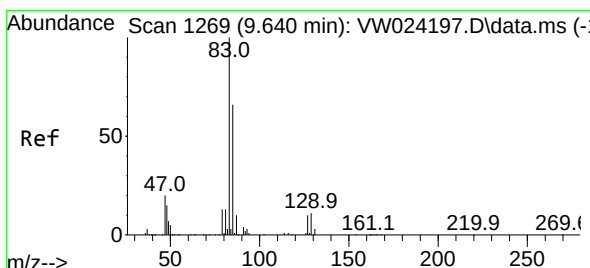
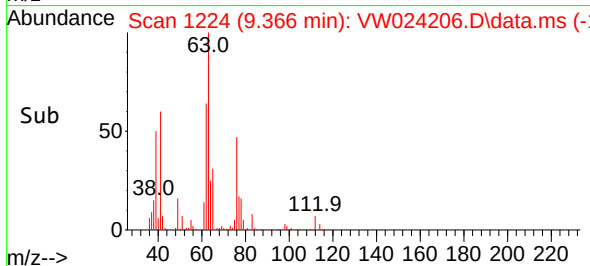
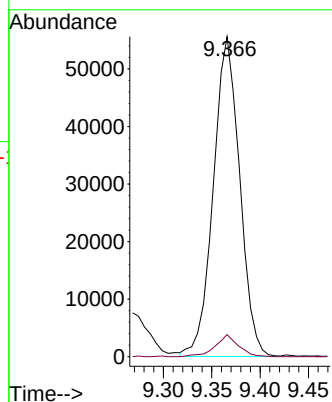
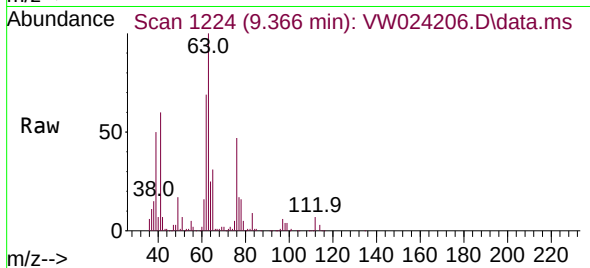
VSTD025526

Tgt Ion: 63 Resp: 105361

Ion Ratio Lower Upper

63 100

112 6.1 3.8 5.6#



#38

Bromodichloromethane

Concen: 25.009 ug/L

RT: 9.640 min Scan# 1269

Delta R.T. 0.000 min

Lab File: VW024206.D

Acq: 09 Aug 2022 12:13

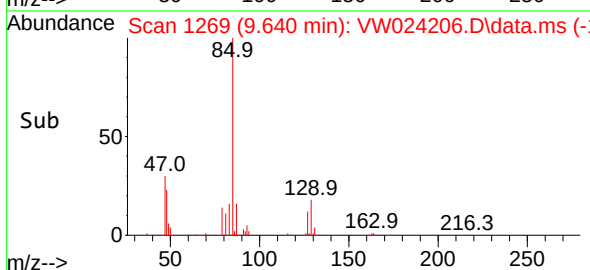
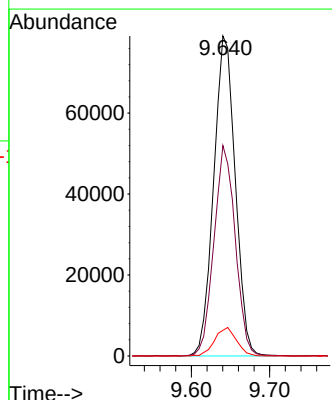
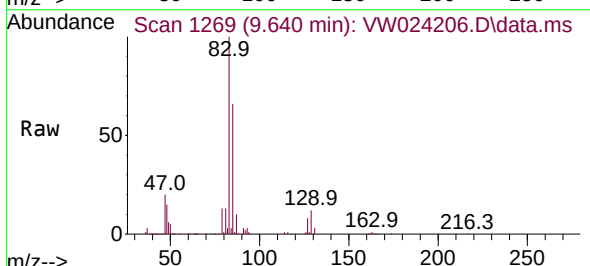
Tgt Ion: 83 Resp: 151678

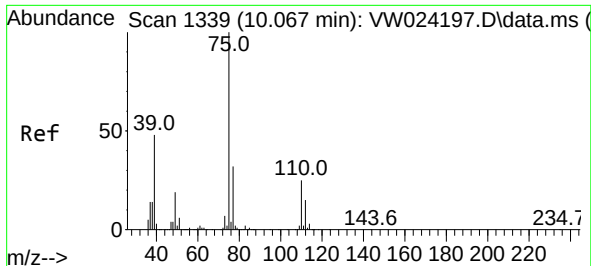
Ion Ratio Lower Upper

83 100

85 65.7 43.7 81.1

127 8.0 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 25.612 ug/L

RT: 10.073 min Scan# 11

Delta R.T. 0.006 min

Lab File: VW024206.D

Acq: 09 Aug 2022 12:13

Instrument :

MSVOA_W

ClientSampleId :

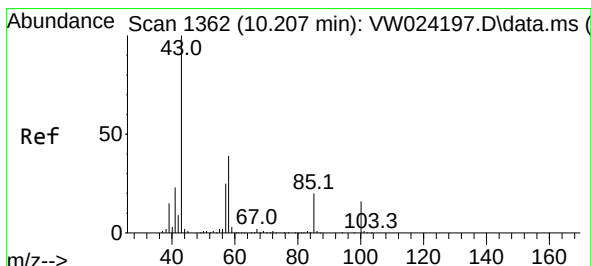
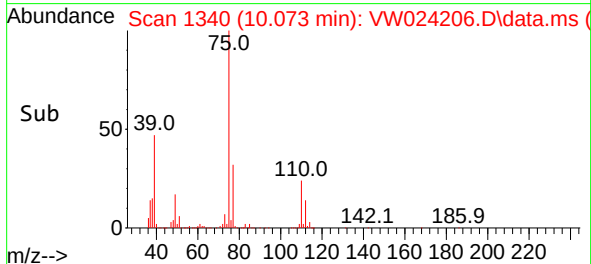
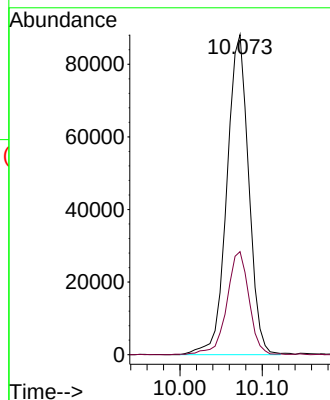
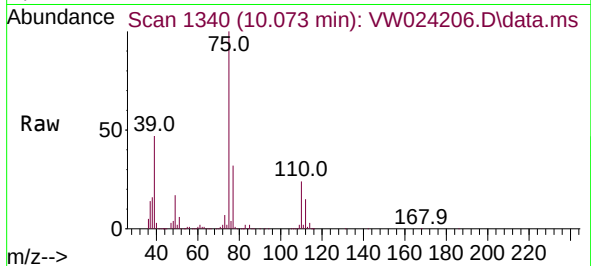
VSTD025526

Tgt Ion: 75 Resp: 162936

Ion Ratio Lower Upper

75 100

77 32.2 23.4 43.6



#40

4-Methyl-2-pentanone

Concen: 55.365 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW024206.D

Acq: 09 Aug 2022 12:13

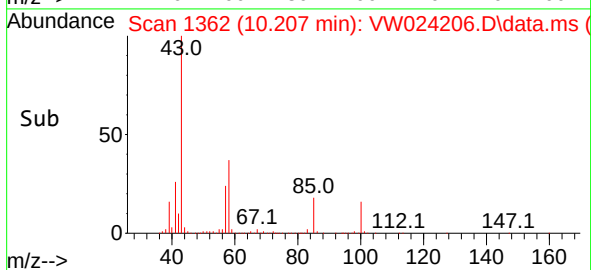
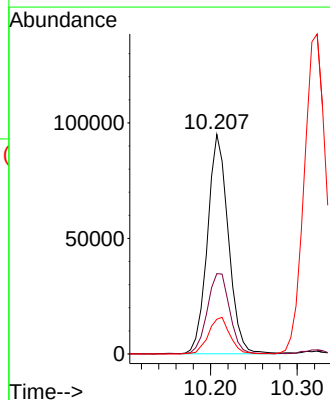
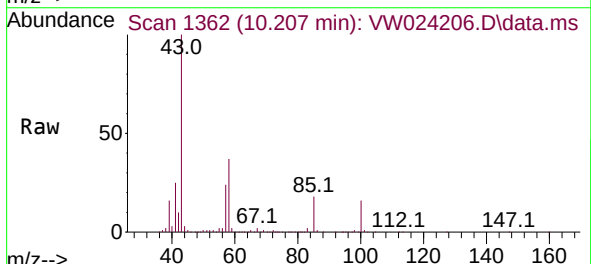
Tgt Ion: 43 Resp: 158888

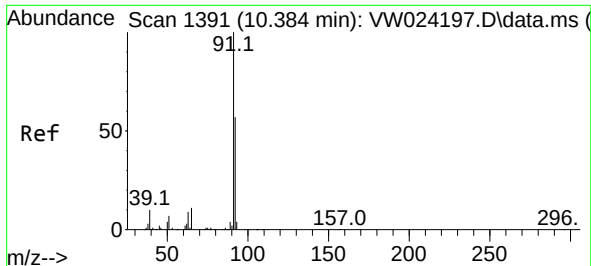
Ion Ratio Lower Upper

43 100

58 39.4 30.5 45.7

100 17.2 13.8 20.6

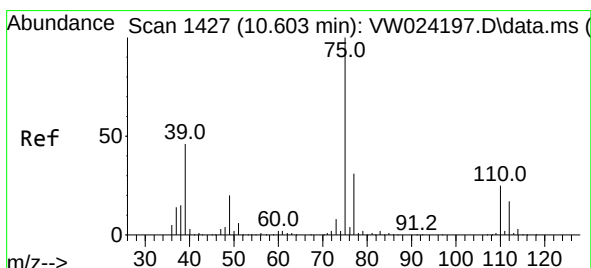
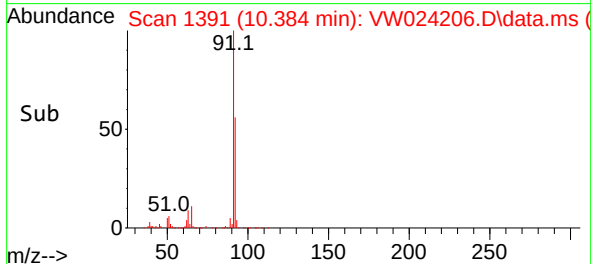
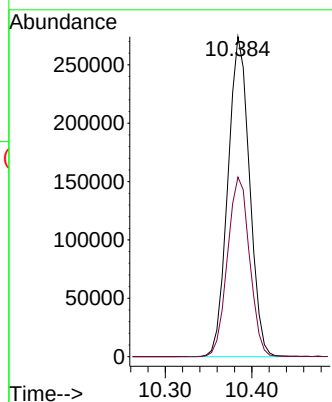
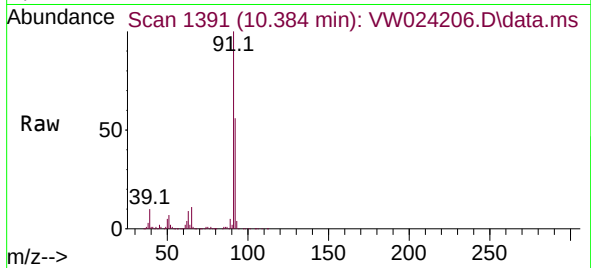




#42
Toluene
Concen: 25.575 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VW024206.D
Acq: 09 Aug 2022 12:13

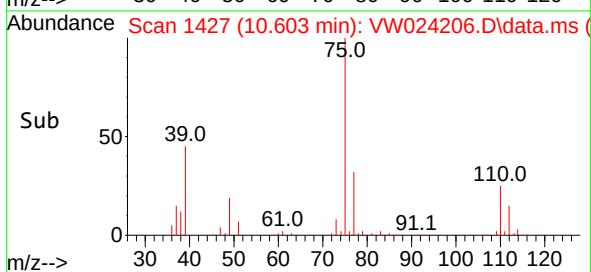
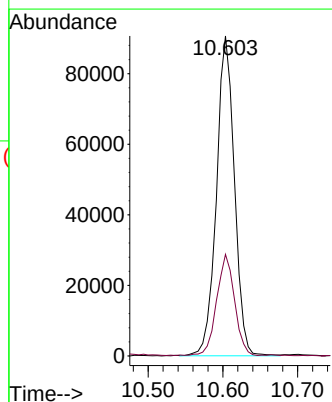
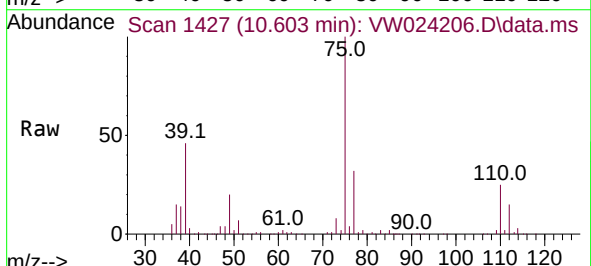
Instrument :
MSVOA_W
ClientSampleId :
VSTD025526

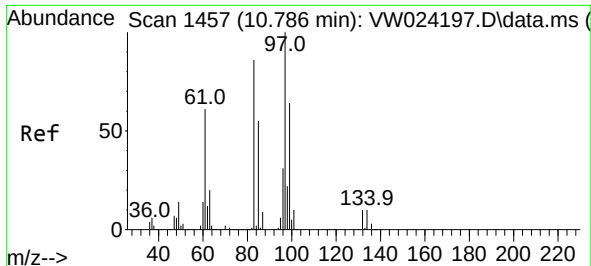
Tgt Ion: 91 Resp: 475414
Ion Ratio Lower Upper
91 100
92 56.1 41.4 77.0



#44
trans-1,3-Dichloropropene
Concen: 26.080 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW024206.D
Acq: 09 Aug 2022 12:13

Tgt Ion: 75 Resp: 151597
Ion Ratio Lower Upper
75 100
77 31.8 22.4 41.6

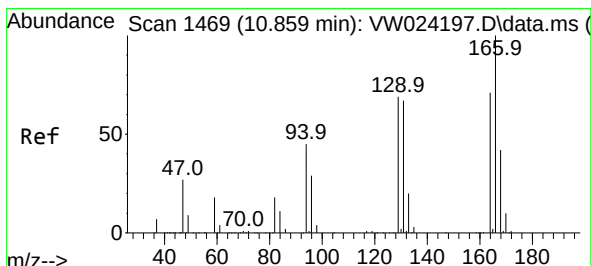
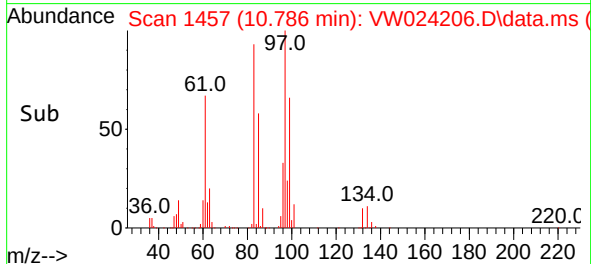
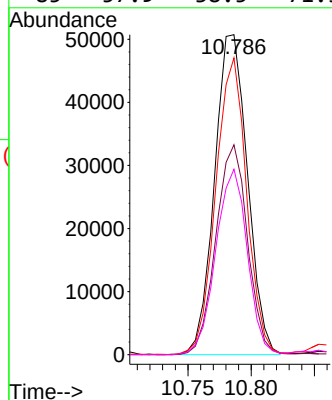
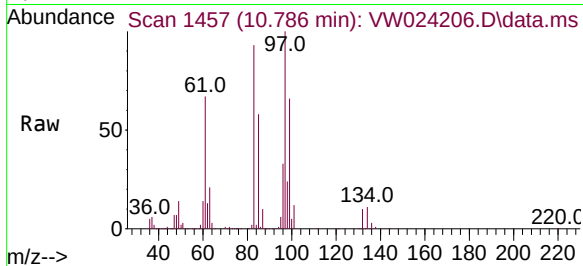




#45
1,1,2-Trichloroethane
Concen: 25.223 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW024206.D
Acq: 09 Aug 2022 12:13

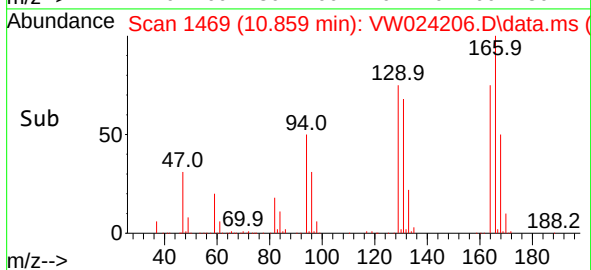
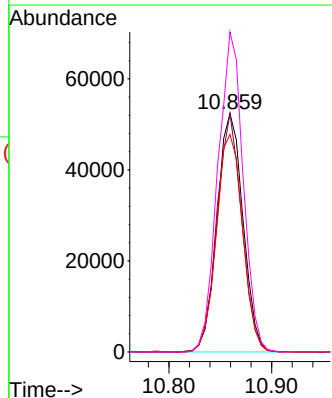
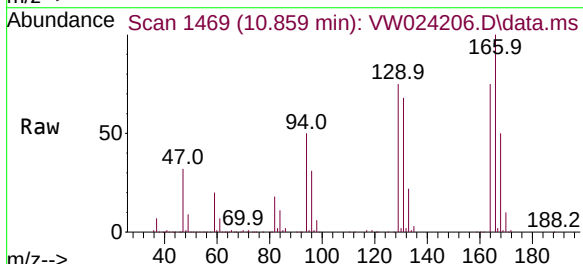
Instrument :
MSVOA_W
ClientSampleId :
VSTD025526

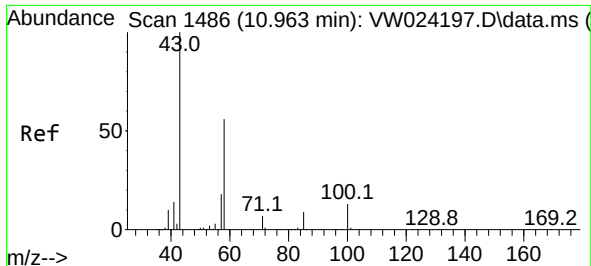
Tgt Ion: 97	Resp: 91928
Ion Ratio	Lower Upper
97 100	
99 65.6	43.8 81.3
83 92.8	56.4 104.7
85 57.9	38.5 71.5



#46
Tetrachloroethene
Concen: 24.575 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW024206.D
Acq: 09 Aug 2022 12:13

Tgt	Ion:164	Resp:	91986
Ion	Ratio	Lower	Upper
164	100		
129	100.1	63.1	117.3
131	91.2	63.9	118.7
166	134.2	86.8	161.2

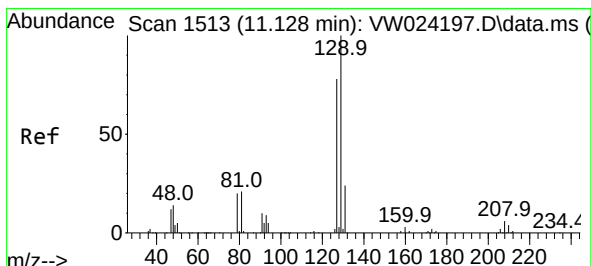
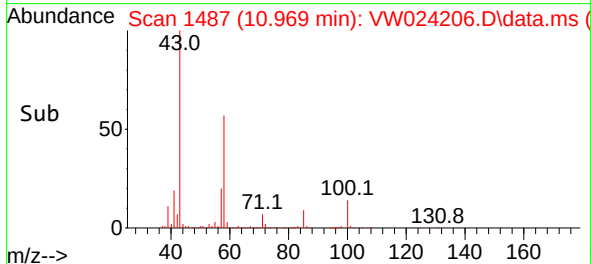
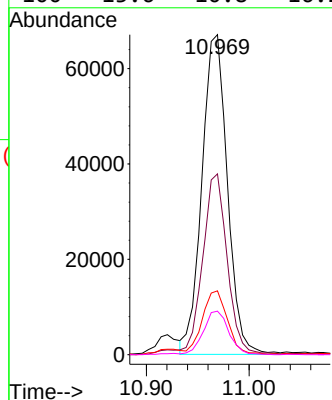
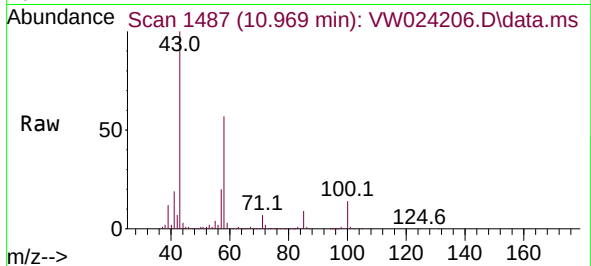




#48
2-Hexanone
Concen: 59.494 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.006 min
Lab File: VW024206.D
Acq: 09 Aug 2022 12:13

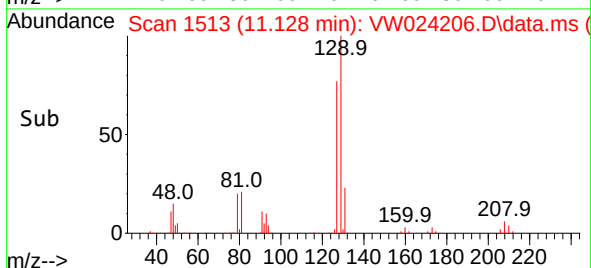
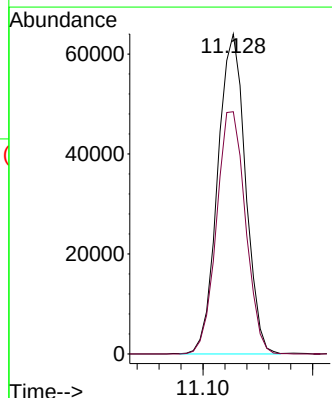
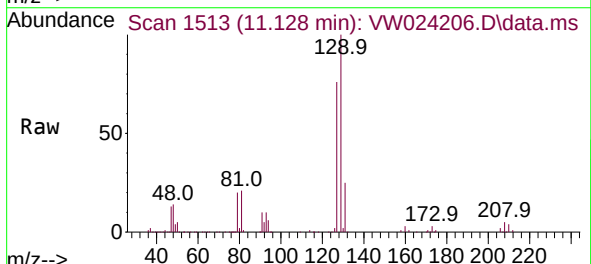
Instrument :
MSVOA_W
ClientSampleId :
VSTD025526

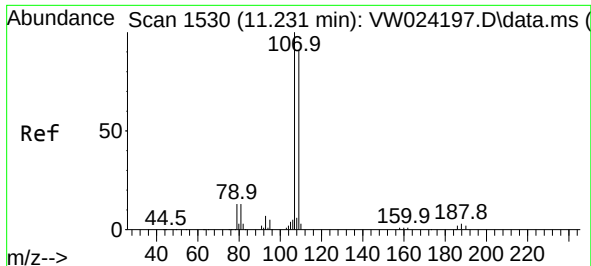
Tgt Ion: 43 Resp: 115871
Ion Ratio Lower Upper
43 100
58 54.0 43.4 65.0
57 19.6 15.0 22.4
100 13.6 10.8 16.2



#49
Dibromochloromethane
Concen: 25.684 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW024206.D
Acq: 09 Aug 2022 12:13

Tgt Ion: 129 Resp: 112693
Ion Ratio Lower Upper
129 100
127 75.7 52.3 97.1





#50

1,2-Dibromoethane

Concen: 26.610 ug/L

RT: 11.231 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW024206.D

Acq: 09 Aug 2022 12:13

Instrument :

MSVOA_W

ClientSampleId :

VSTD025526

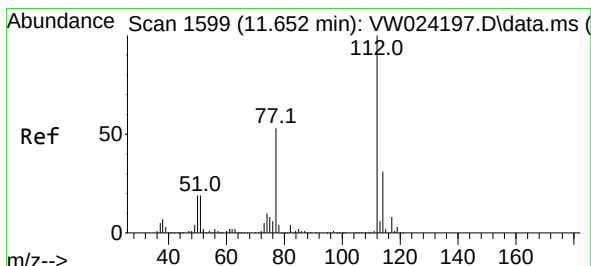
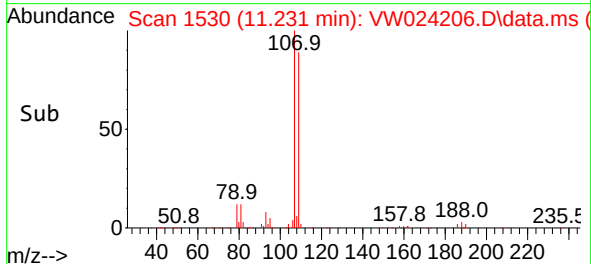
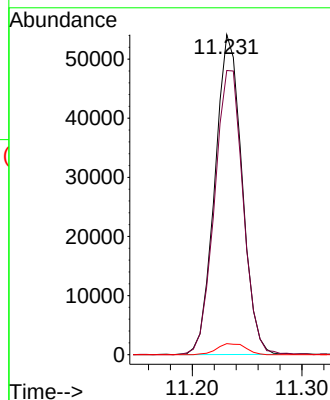
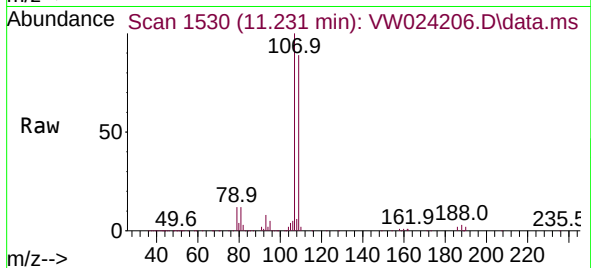
Tgt Ion:107 Resp: 92921

Ion Ratio Lower Upper

107 100

109 88.8 64.0 119.0

188 3.6 3.1 4.7



#51

Chlorobenzene

Concen: 25.087 ug/L

RT: 11.652 min Scan# 1599

Delta R.T. 0.000 min

Lab File: VW024206.D

Acq: 09 Aug 2022 12:13

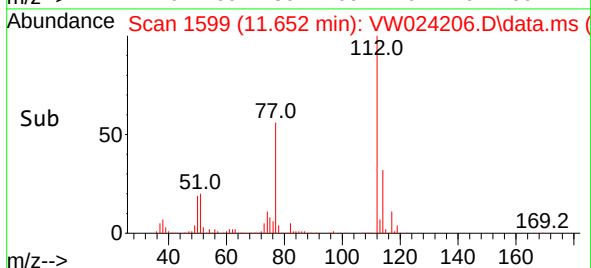
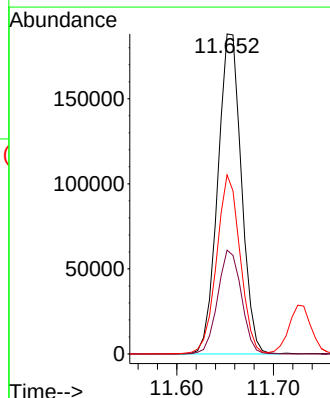
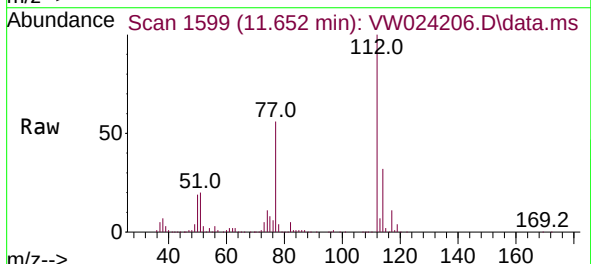
Tgt Ion:112 Resp: 318613

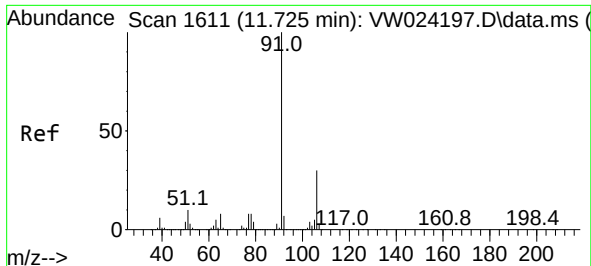
Ion Ratio Lower Upper

112 100

114 32.4 20.7 38.5

77 56.0 41.4 62.2

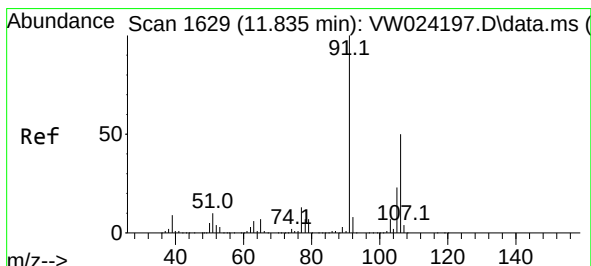
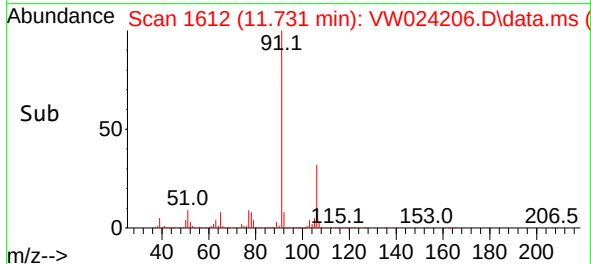
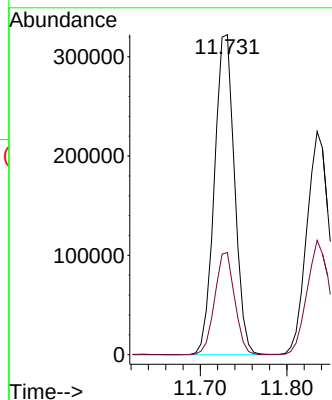
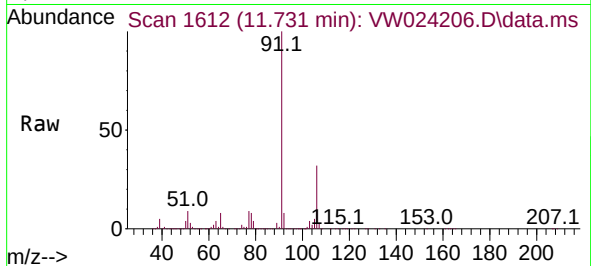




#52
Ethylbenzene
Concen: 25.601 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.006 min
Lab File: VW024206.D
Acq: 09 Aug 2022 12:13

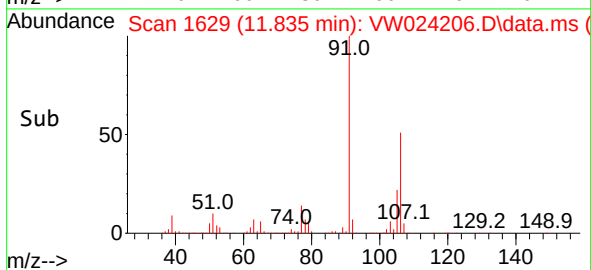
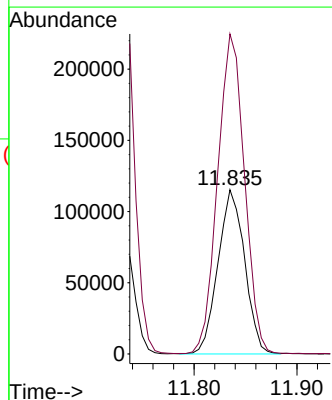
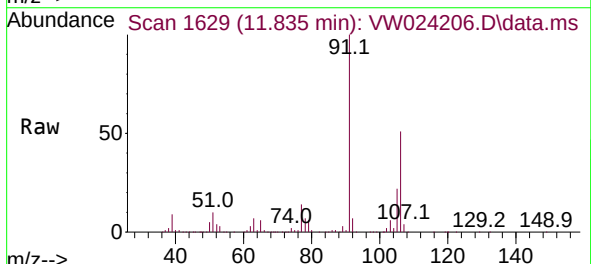
Instrument :
MSVOA_W
ClientSampleId :
VSTD025526

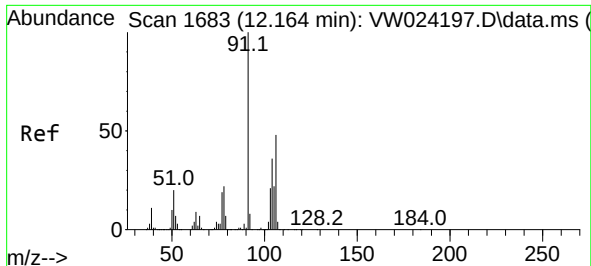
Tgt Ion: 91 Resp: 521399
Ion Ratio Lower Upper
91 100
106 31.9 21.9 40.7



#53
m,p-Xylene
Concen: 26.220 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW024206.D
Acq: 09 Aug 2022 12:13

Tgt Ion:106 Resp: 207860
Ion Ratio Lower Upper
106 100
91 195.0 144.1 267.7

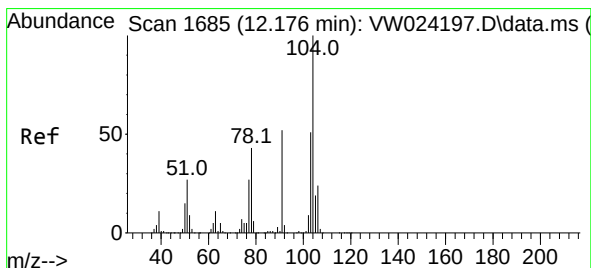
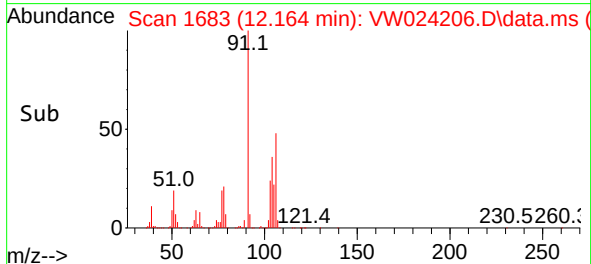
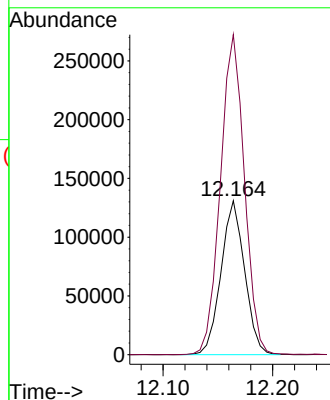
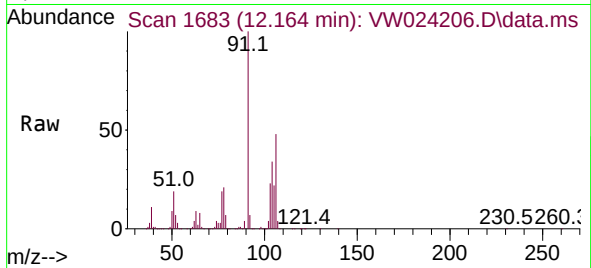




#54
o-Xylene
Concen: 26.185 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW024206.D
Acq: 09 Aug 2022 12:13

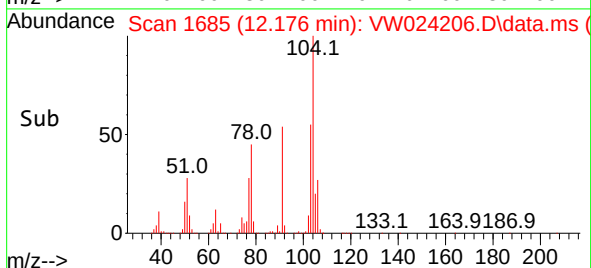
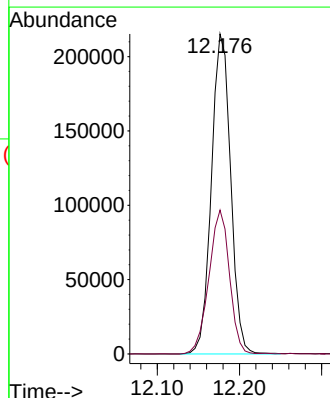
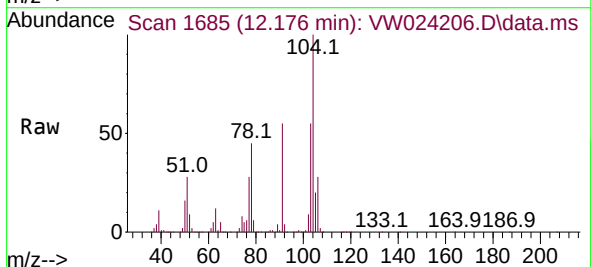
Instrument :
MSVOA_W
ClientSampleId :
VSTD025526

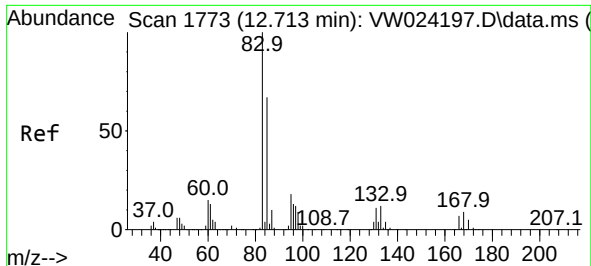
Tgt Ion:106 Resp: 196110
Ion Ratio Lower Upper
106 100
91 207.8 150.9 280.3



#55
Styrene
Concen: 26.897 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW024206.D
Acq: 09 Aug 2022 12:13

Tgt Ion:104 Resp: 350359
Ion Ratio Lower Upper
104 100
78 44.9 31.1 57.7

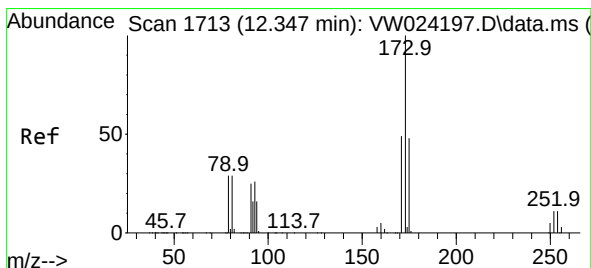
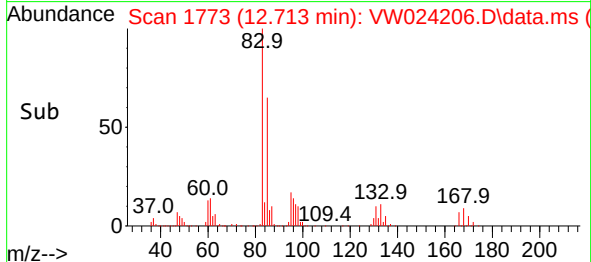
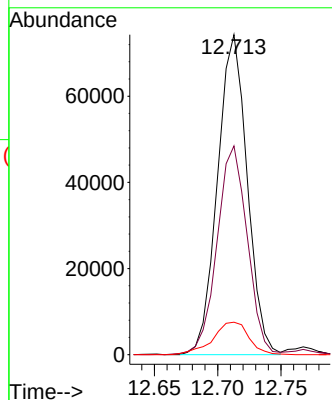
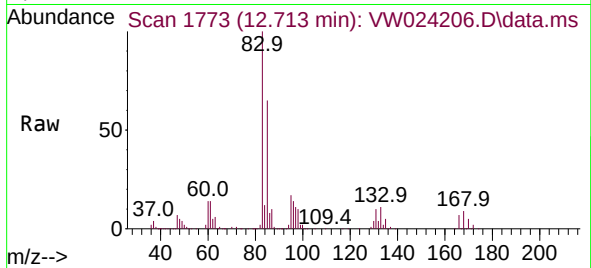




#57
1,1,2,2-Tetrachloroethane
Concen: 26.619 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VW024206.D
Acq: 09 Aug 2022 12:13

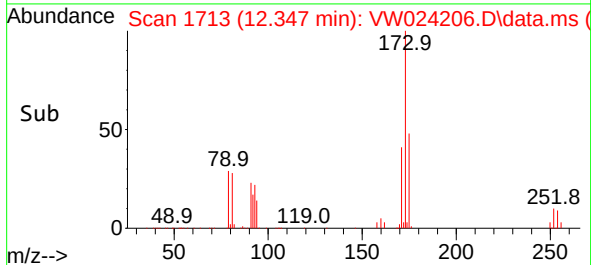
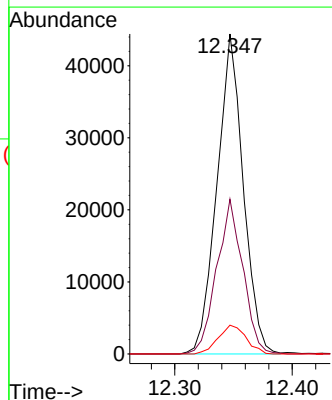
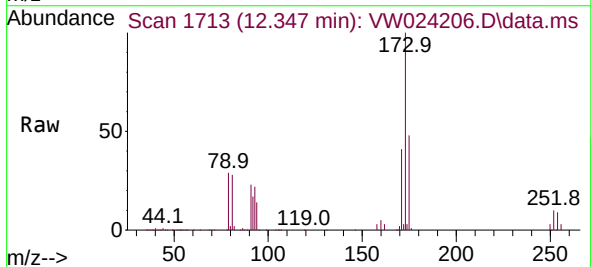
Instrument :
MSVOA_W
ClientSampleId :
VSTD025526

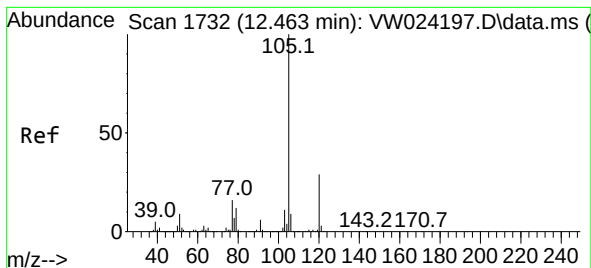
Tgt Ion: 83 Resp: 121249
Ion Ratio Lower Upper
83 100
85 65.3 44.1 81.9
131 10.2 8.3 12.5



#59
Bromoform
Concen: 26.095 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. 0.000 min
Lab File: VW024206.D
Acq: 09 Aug 2022 12:13

Tgt Ion:173 Resp: 68981
Ion Ratio Lower Upper
173 100
175 48.0 39.0 58.6
254 9.6 6.8 10.2

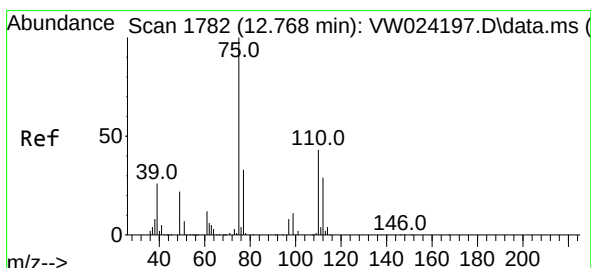
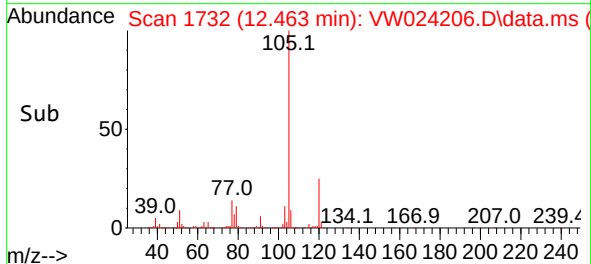
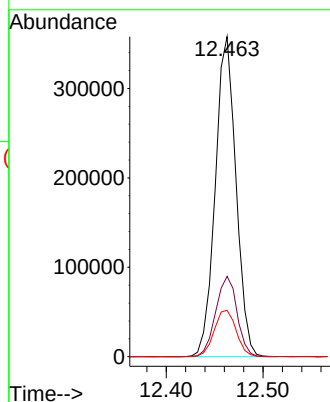
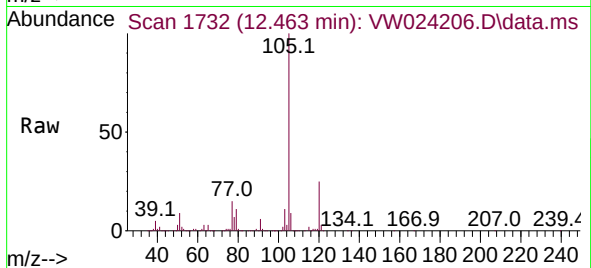




#60
Isopropylbenzene
Concen: 25.351 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW024206.D
Acq: 09 Aug 2022 12:13

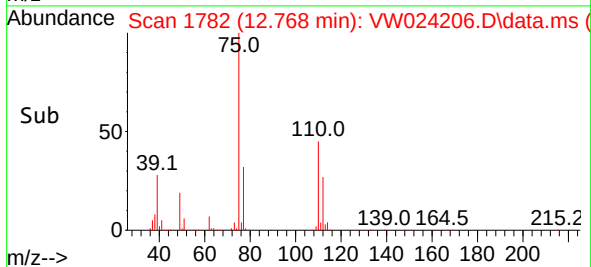
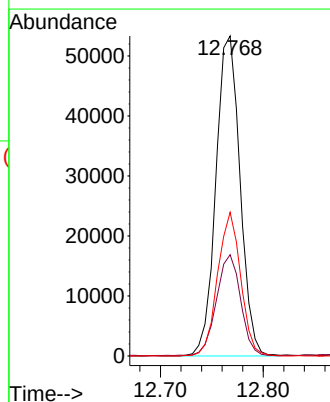
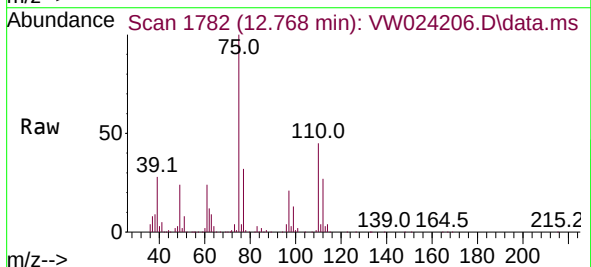
Instrument :
MSVOA_W
ClientSampleId :
VSTD025526

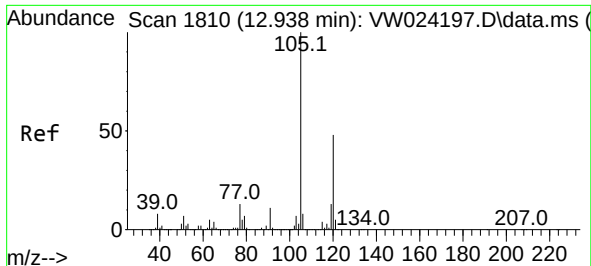
Tgt Ion:105 Resp: 531853
Ion Ratio Lower Upper
105 100
120 25.8 21.4 32.2
77 15.5 12.4 18.6



#61
1,2,3-Trichloropropane
Concen: 25.215 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW024206.D
Acq: 09 Aug 2022 12:13

Tgt Ion: 75 Resp: 86966
Ion Ratio Lower Upper
75 100
77 31.8 26.2 39.4
110 42.9 33.6 50.4

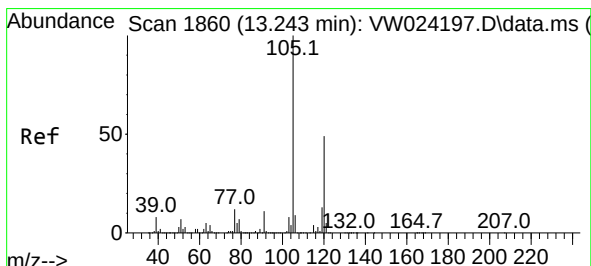
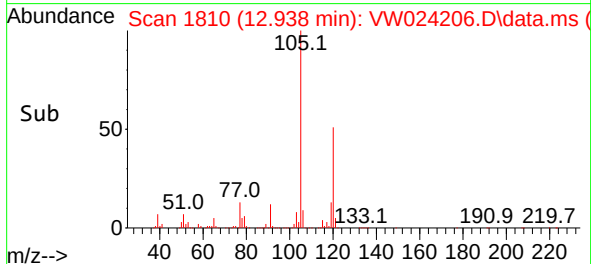
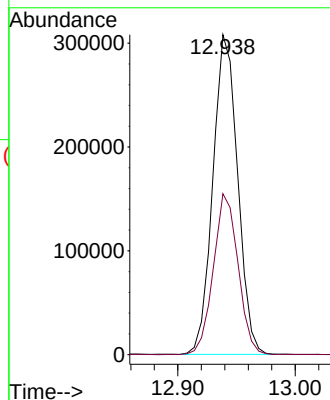
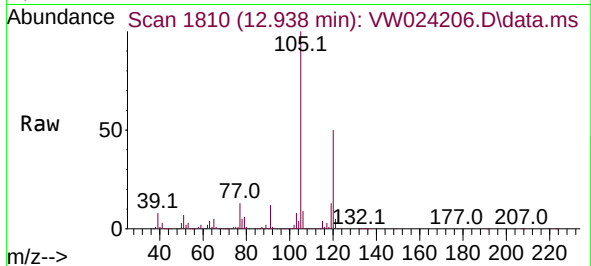




#62
 1,3,5-Trimethylbenzene
 Concen: 26.017 ug/L
 RT: 12.938 min Scan# 1810
 Delta R.T. 0.000 min
 Lab File: VW024206.D
 Acq: 09 Aug 2022 12:13

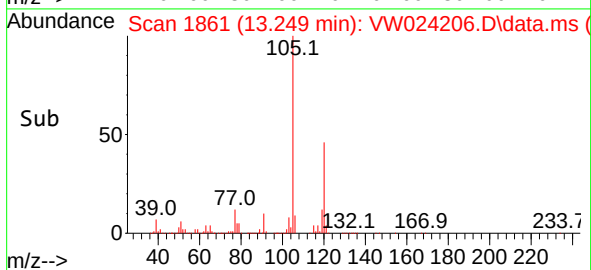
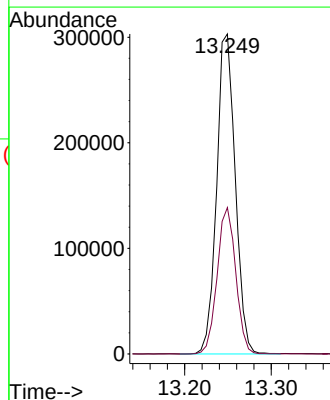
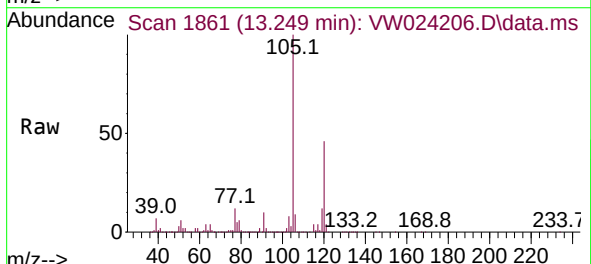
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025526

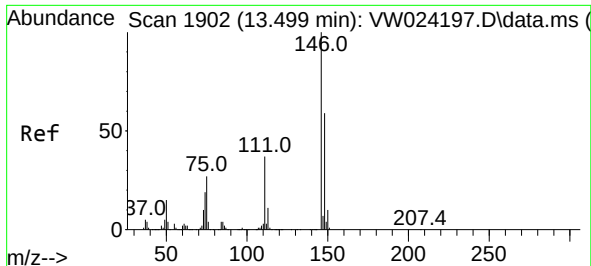
Tgt Ion:105 Resp: 451060
 Ion Ratio Lower Upper
 105 100
 120 50.2 39.7 59.5



#63
 1,2,4-Trimethylbenzene
 Concen: 26.480 ug/L
 RT: 13.249 min Scan# 1861
 Delta R.T. 0.006 min
 Lab File: VW024206.D
 Acq: 09 Aug 2022 12:13

Tgt Ion:105 Resp: 452130
 Ion Ratio Lower Upper
 105 100
 120 45.7 36.4 54.6

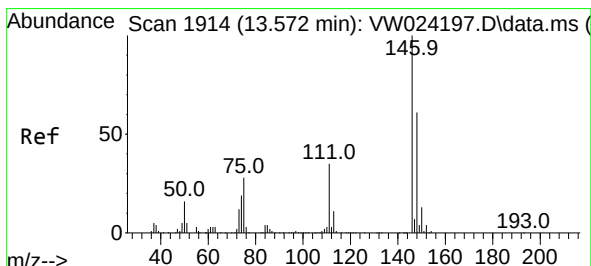
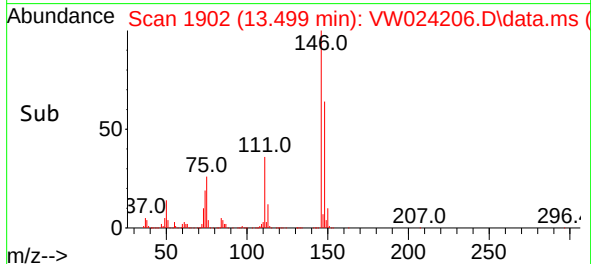
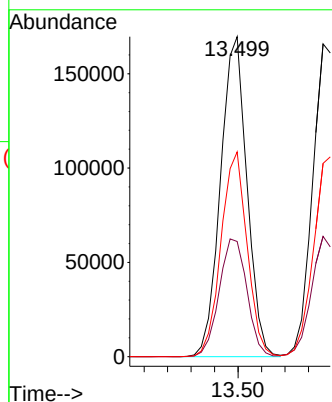
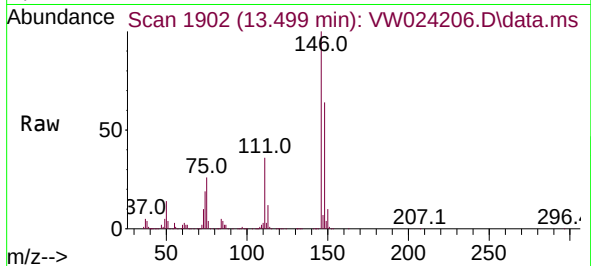




#64
1,3-Dichlorobenzene
Concen: 25.847 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW024206.D
Acq: 09 Aug 2022 12:13

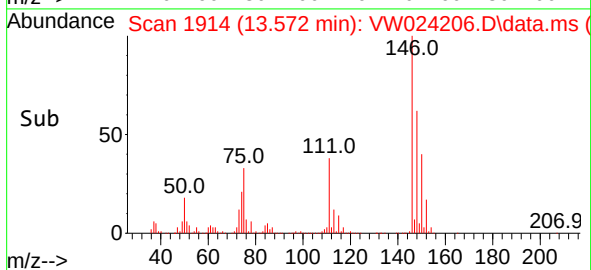
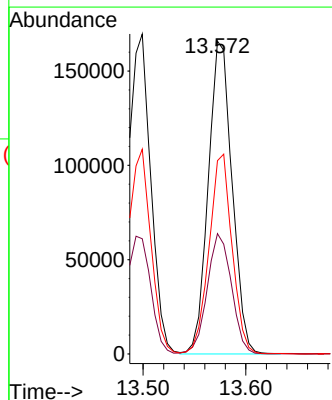
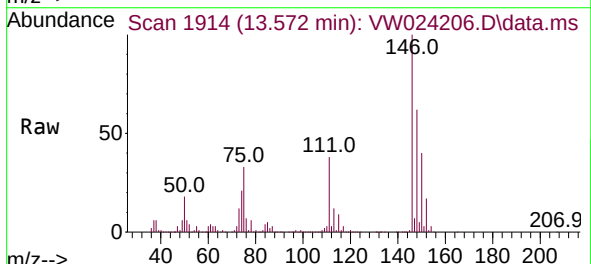
Instrument :
MSVOA_W
ClientSampleId :
VSTD025526

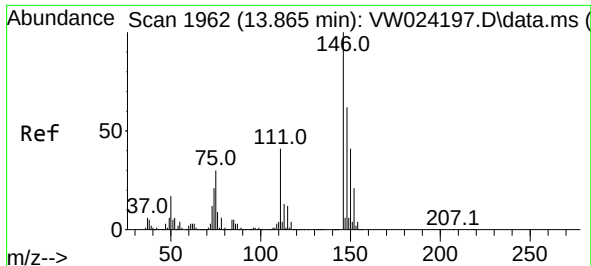
Tgt Ion:146 Resp: 265541
Ion Ratio Lower Upper
146 100
111 36.0 28.0 52.0
148 64.0 46.5 86.3



#65
1,4-Dichlorobenzene
Concen: 24.580 ug/L
RT: 13.572 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW024206.D
Acq: 09 Aug 2022 12:13

Tgt Ion:146 Resp: 267395
Ion Ratio Lower Upper
146 100
111 38.5 27.6 51.4
148 61.8 40.5 75.3





#67

1,2-Dichlorobenzene

Concen: 25.377 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VW024206.D

Acq: 09 Aug 2022 12:13

Instrument :

MSVOA_W

ClientSampleId :

VSTD025526

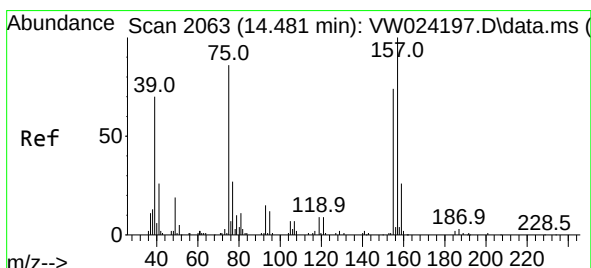
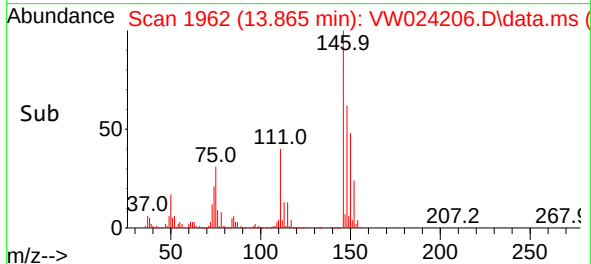
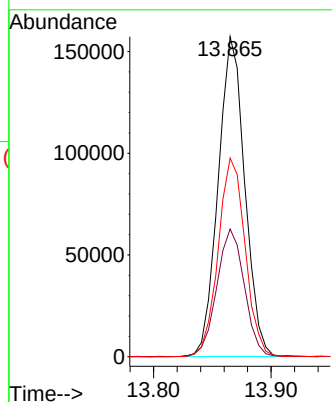
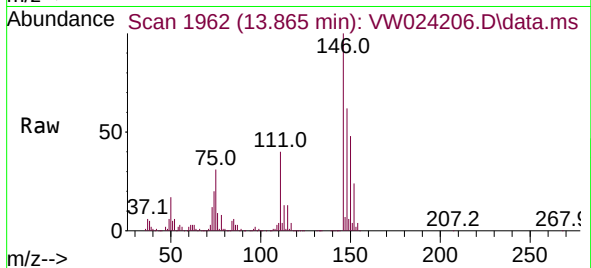
Tgt Ion:146 Resp: 247567

Ion Ratio Lower Upper

146 100

111 39.9 29.0 43.6

148 62.0 47.8 71.8



#68

1,2-Dibromo-3-chloropropane

Concen: 25.210 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW024206.D

Acq: 09 Aug 2022 12:13

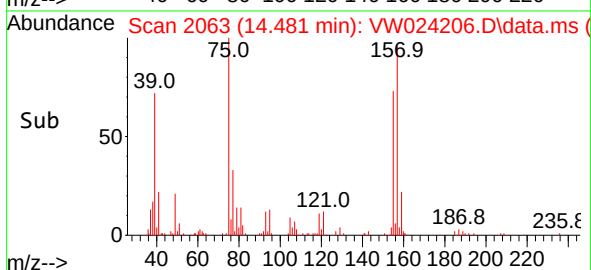
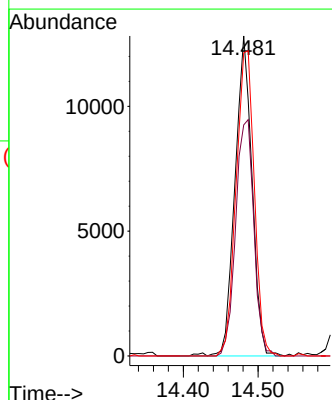
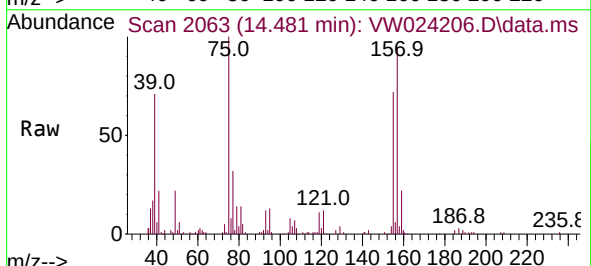
Tgt Ion: 75 Resp: 20315

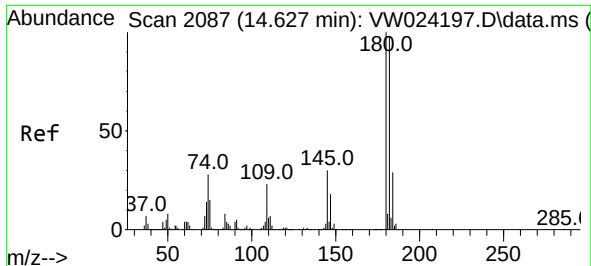
Ion Ratio Lower Upper

75 100

155 72.2 68.8 103.2

157 94.8 91.5 137.3

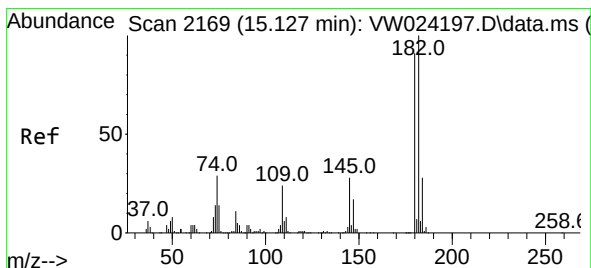
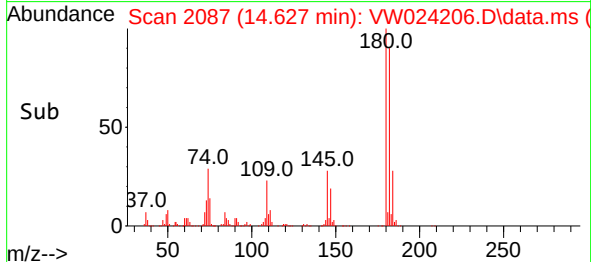
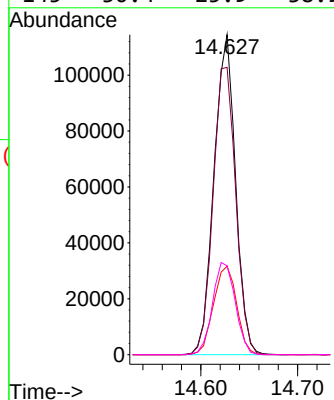
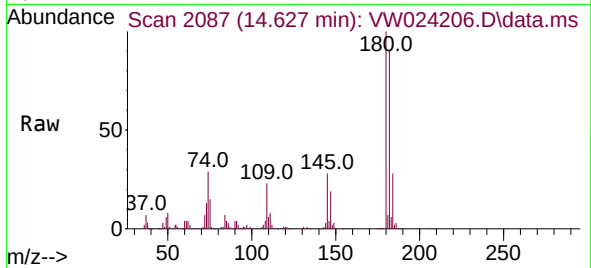




#69
 1,3,5-Trichlorobenzene
 Concen: 26.283 ug/L
 RT: 14.627 min Scan# 2087
 Delta R.T. 0.000 min
 Lab File: VW024206.D
 Acq: 09 Aug 2022 12:13

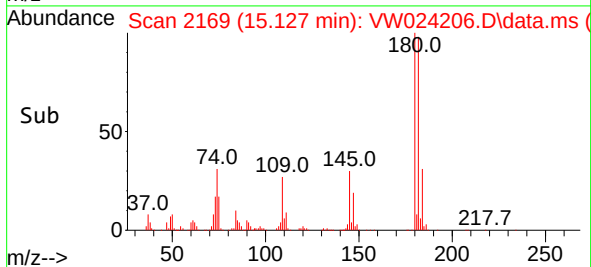
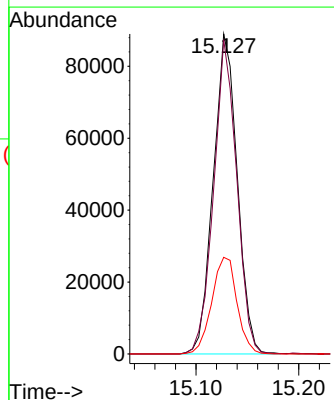
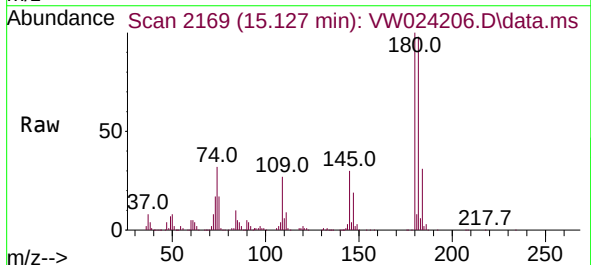
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025526

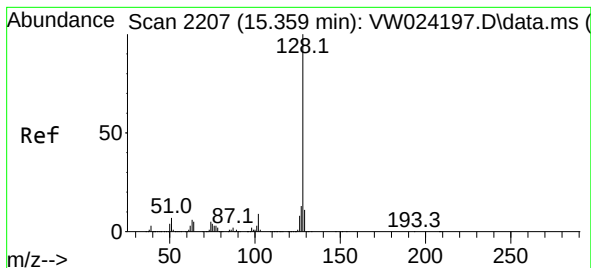
Tgt Ion:	180	Resp:	177060
Ion Ratio	Lower	Upper	
180	100		
182	94.6	78.4	117.6
184	29.7	24.7	37.1
145	30.4	25.9	38.9



#70
 1,2,4-trichlorobenzene
 Concen: 26.726 ug/L
 RT: 15.127 min Scan# 2169
 Delta R.T. 0.000 min
 Lab File: VW024206.D
 Acq: 09 Aug 2022 12:13

Tgt Ion:	180	Resp:	144183
Ion Ratio	Lower	Upper	
180	100		
182	94.3	75.0	112.4
145	31.8	25.1	37.7





#71

Naphthalene

Concen: 29.512 ug/L

RT: 15.359 min Scan# 2207

Delta R.T. 0.000 min

Lab File: VW024206.D

Acq: 09 Aug 2022 12:13

Instrument :

MSVOA_W

ClientSampleId :

VSTD025526

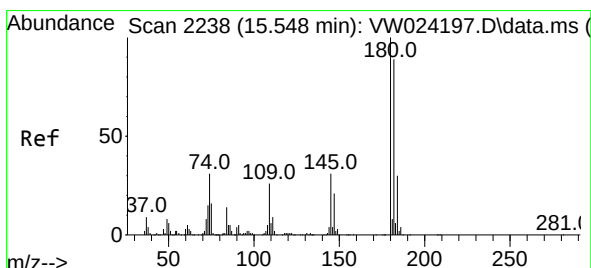
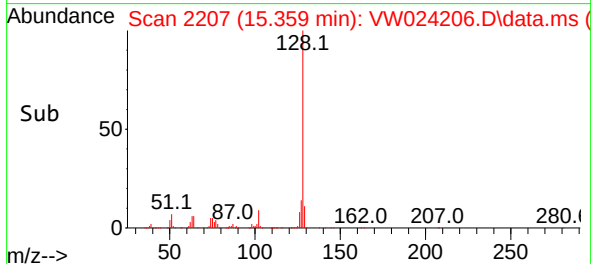
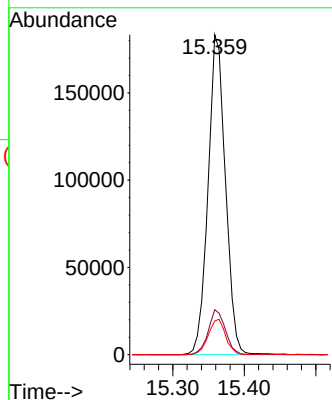
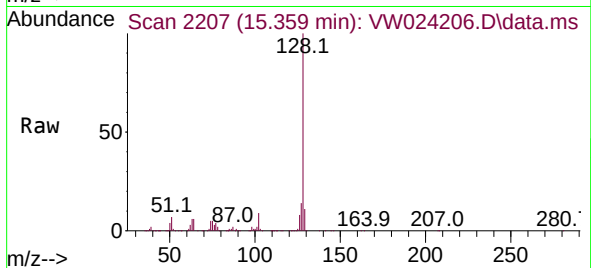
Tgt Ion:128 Resp: 310116

Ion Ratio Lower Upper

128 100

127 13.9 10.7 16.1

129 11.0 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 28.237 ug/L

RT: 15.548 min Scan# 2238

Delta R.T. 0.000 min

Lab File: VW024206.D

Acq: 09 Aug 2022 12:13

Tgt Ion:180 Resp: 138687

Ion Ratio Lower Upper

180 100

182 94.4 75.4 113.2

145 33.1 26.9 40.3

