

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060622\
 Data File : VW023405.D
 Acq On : 06 Jun 2022 16:29
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025563

Quant Time: Jun 07 01:58:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Jun 07 01:56:30 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	381462	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	362336	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	200681	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	165555	28.038	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 112.160%	
7) Chloroethane-d5	2.885	69	130993	31.492	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 125.960%	
11) 1,1-Dichloroethene-d2	4.019	63	217620	24.542	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 98.160%	
21) 2-Butanone-d5	7.074	46	62187	54.609	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 109.220%	
24) Chloroform-d	7.647	84	259357	25.214	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 100.840%	
26) 1,2-Dichloroethane-d4	8.305	65	143218	26.505	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 106.040%	
32) Benzene-d6	8.275	84	507883	25.251	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 101.000%	
36) 1,2-Dichloropropane-d6	9.275	67	147143	26.101	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 104.400%	
41) Toluene-d8	10.323	98	500166	26.110	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 104.440%	
43) trans-1,3-Dichloroprop...	10.579	79	66274	26.350	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 105.400%	
47) 2-Hexanone-d5	10.921	63	51043	60.488	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 120.980%	
56) 1,1,2,2-Tetrachloroeth...	12.689	84	135855	28.165	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 112.640%	
66) 1,2-Dichlorobenzene-d4	13.853	152	182073	25.066	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 100.280%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.008	85	59489	47.377	ug/L	94
3) Chloromethane	2.215	50	122834	27.745	ug/L	98
5) Vinyl chloride	2.361	62	183968	27.132	ug/L	100
6) Bromomethane	2.782	94	100076	26.851	ug/L	97
8) Chloroethane	2.922	64	104636	31.525	ug/L	98
9) Trichlorofluoromethane	3.257	101	73834	19.847	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	117778	24.095	ug/L	97
12) 1,1-Dichloroethene	4.044	96	104080	23.864	ug/L	98
13) Acetone	4.117	43	38779	45.402	ug/L	99
14) Carbon disulfide	4.385	76	334734	23.947	ug/L	99
15) Methyl Acetate	4.666	43	49432	26.351	ug/L	97
16) Methylene chloride	4.916	84	123665	22.506	ug/L	98
17) trans-1,2-Dichloroethene	5.422	96	121920	23.459	ug/L	97
18) Methyl tert-butyl Ether	5.428	73	194560	25.833	ug/L	98
19) 1,1-Dichloroethane	6.214	63	212776	24.481	ug/L	95
20) cis-1,2-Dichloroethene	7.171	96	133824	24.618	ug/L #	100
22) 2-Butanone	7.171	43	68229	54.892	ug/L	97
23) Bromochloromethane	7.513	128	60274	23.639	ug/L	93
25) Chloroform	7.677	83	234425	24.355	ug/L	96

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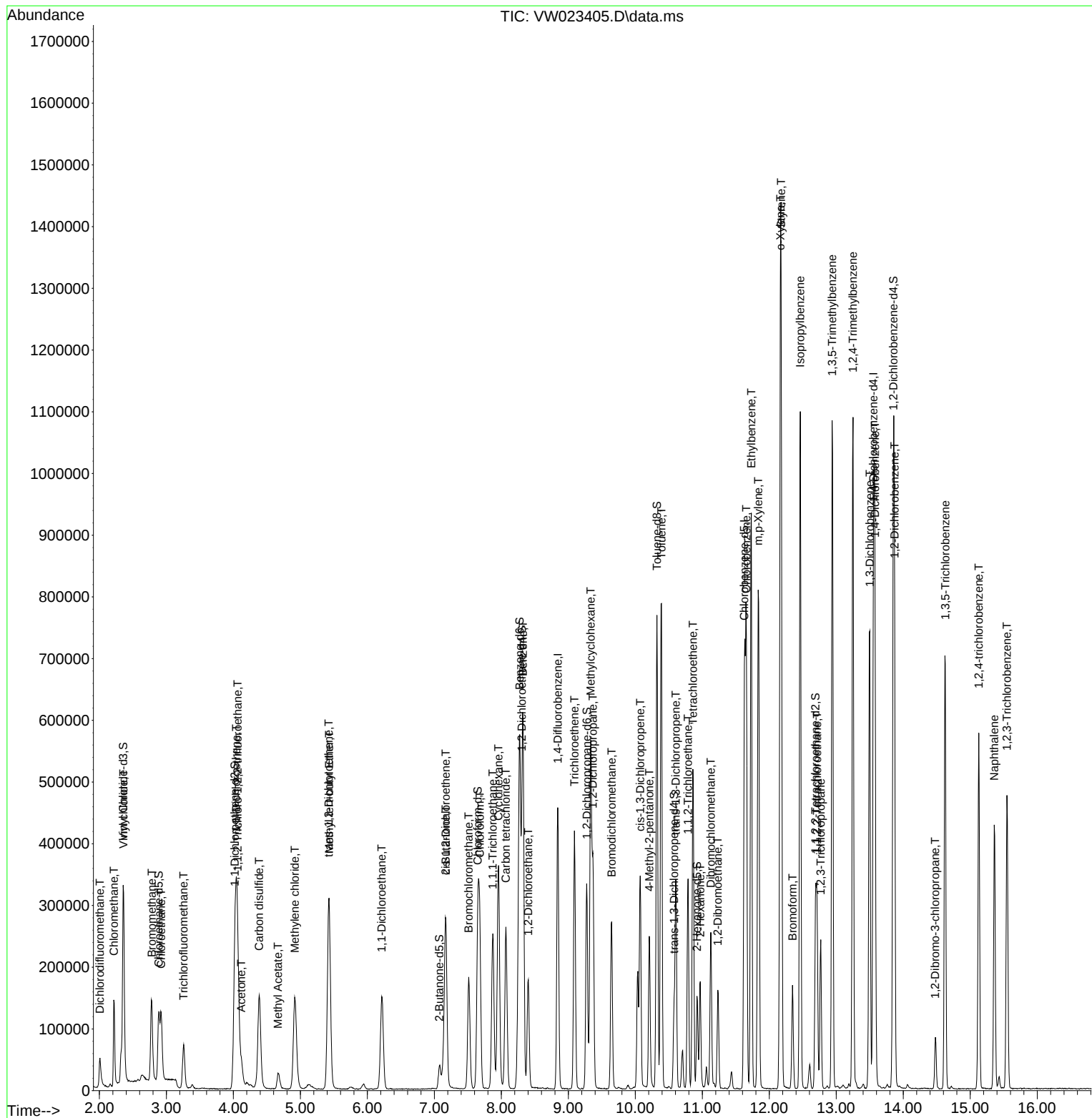
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	158066	26.084	ug/L	100
29) Cyclohexane	7.958	56	191575	24.745	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	202561	23.498	ug/L	99
31) Carbon tetrachloride	8.067	117	183795	23.112	ug/L	98
33) Benzene	8.324	78	517514	24.338	ug/L	100
34) Trichloroethene	9.092	95	138456	23.802	ug/L	98
35) Methylcyclohexane	9.336	83	233030	24.407	ug/L	98
37) 1,2-Dichloropropane	9.366	63	126389	25.364	ug/L	99
38) Bromodichloromethane	9.646	83	176990	25.317	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	199594	25.568	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	152330	56.225	ug/L	99
42) Toluene	10.390	91	588984	24.565	ug/L	97
44) trans-1,3-Dichloropropene	10.604	75	181112	26.583	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	102535	25.631	ug/L	95
46) Tetrachloroethene	10.860	164	110277	23.965	ug/L	85
48) 2-Hexanone	10.969	43	106184	60.606	ug/L	99
49) Dibromochloromethane	11.128	129	124756	25.784	ug/L	96
50) 1,2-Dibromoethane	11.232	107	102325	26.111	ug/L	98
51) Chlorobenzene	11.658	112	383257	24.423	ug/L	99
52) Ethylbenzene	11.731	91	662700	25.085	ug/L	98
53) m,p-Xylene	11.835	106	264835	25.900	ug/L	99
54) o-Xylene	12.164	106	255823	26.117	ug/L	100
55) Styrene	12.176	104	437454	25.952	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.713	83	128852	26.859	ug/L	96
59) Bromoform	12.347	173	65605	23.590	ug/L	97
60) Isopropylbenzene	12.463	105	692923	24.128	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	92012	25.349	ug/L	99
62) 1,3,5-Trimethylbenzene	12.939	105	576922	24.272	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	586277	24.921	ug/L	98
64) 1,3-Dichlorobenzene	13.499	146	296964	22.790	ug/L	94
65) 1,4-Dichlorobenzene	13.579	146	308444	23.144	ug/L	97
67) 1,2-Dichlorobenzene	13.871	146	283716	24.001	ug/L	91
68) 1,2-Dibromo-3-chloropr...	14.475	75	19938	25.866	ug/L #	83
69) 1,3,5-Trichlorobenzene	14.627	180	203454	23.613	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	163663	24.522	ug/L	99
71) Naphthalene	15.359	128	353002	28.499	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	143793	24.778	ug/L	95

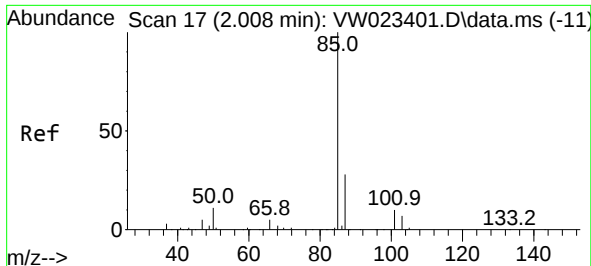
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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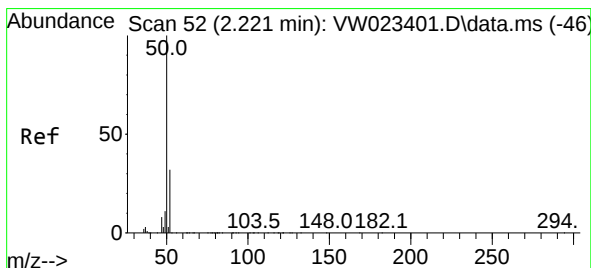
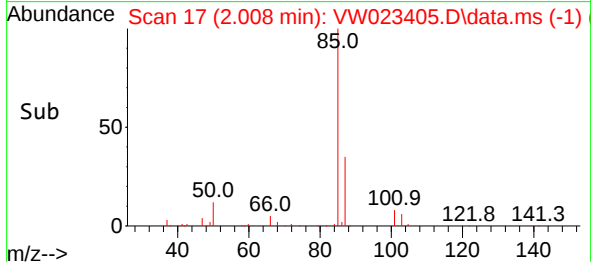
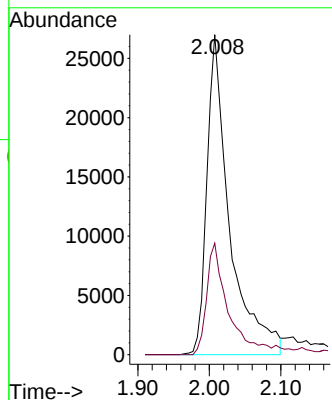
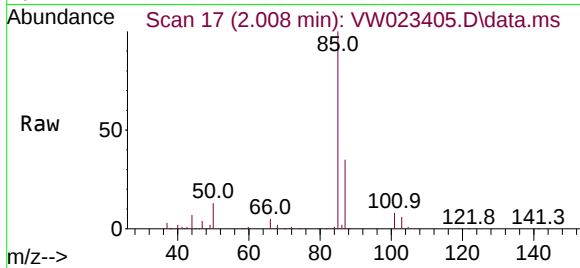




#2
 Dichlorodifluoromethane
 Concen: 47.377 ug/L
 RT: 2.008 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VW023405.D
 Acq: 06 Jun 2022 16:29

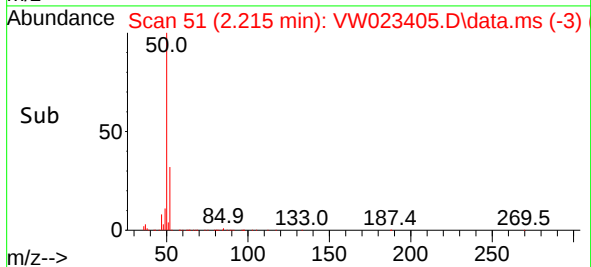
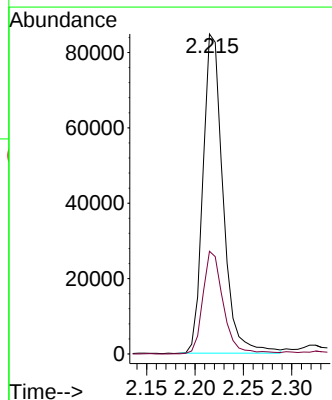
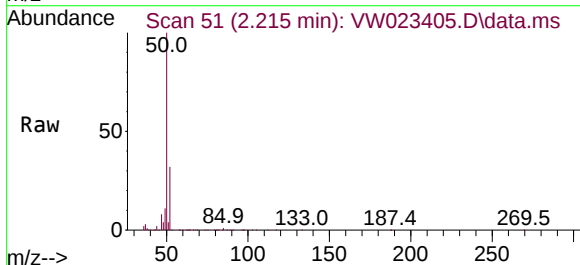
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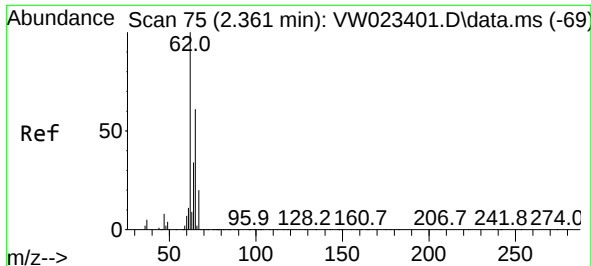
Tgt Ion: 85 Resp: 59489
 Ion Ratio Lower Upper
 85 100
 87 31.3 27.8 41.8



#3
 Chloromethane
 Concen: 27.745 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VW023405.D
 Acq: 06 Jun 2022 16:29

Tgt Ion: 50 Resp: 122834
 Ion Ratio Lower Upper
 50 100
 52 32.1 23.1 42.9

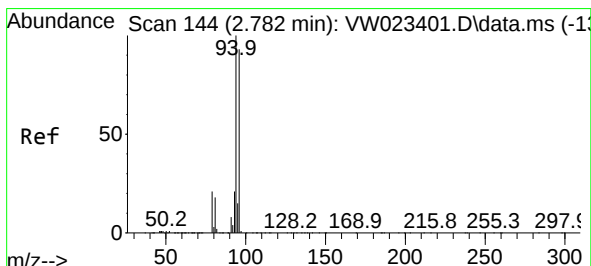
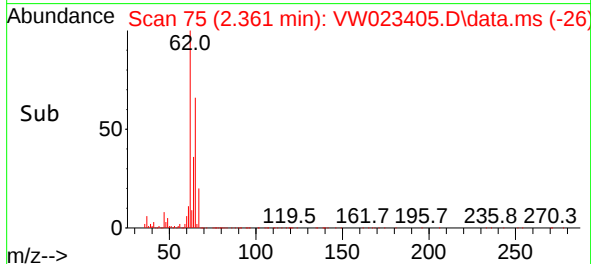
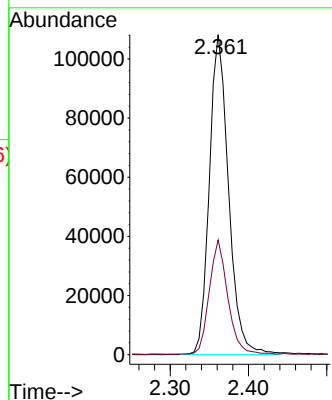
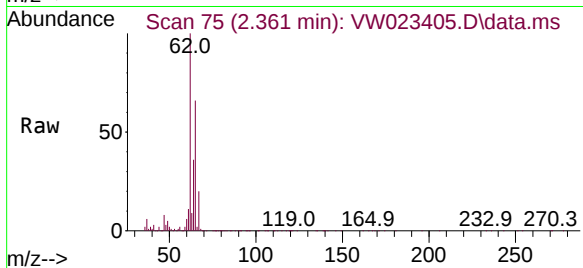




#5
 Vinyl chloride
 Concen: 27.132 ug/L
 RT: 2.361 min Scan# 75
 Delta R.T. -0.000 min
 Lab File: VW023405.D
 Acq: 06 Jun 2022 16:29

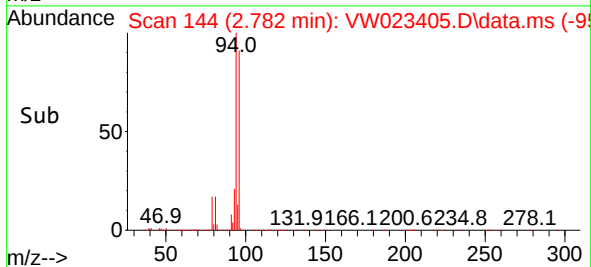
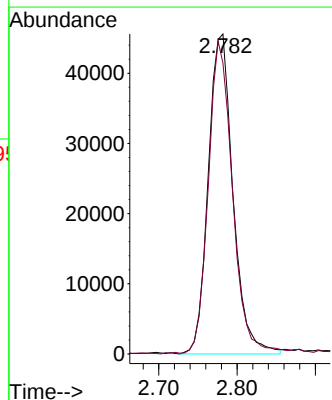
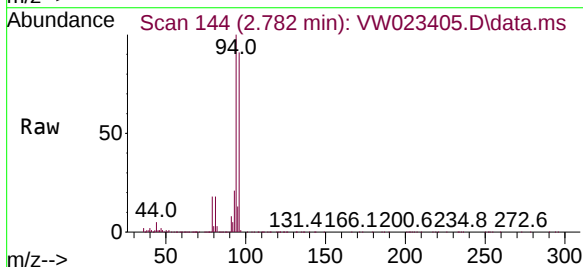
Instrument :
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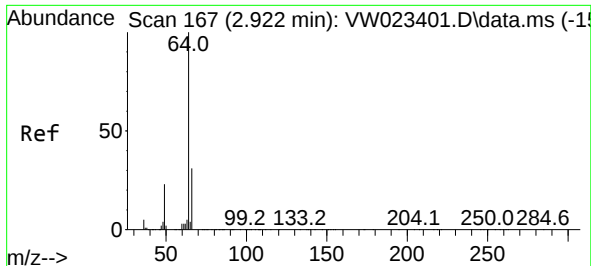
Tgt Ion: 62 Resp: 183968
 Ion Ratio Lower Upper
 62 100
 64 35.9 24.9 46.3



#6
 Bromomethane
 Concen: 26.851 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. -0.000 min
 Lab File: VW023405.D
 Acq: 06 Jun 2022 16:29

Tgt Ion: 94 Resp: 100076
 Ion Ratio Lower Upper
 94 100
 96 90.9 61.7 114.5

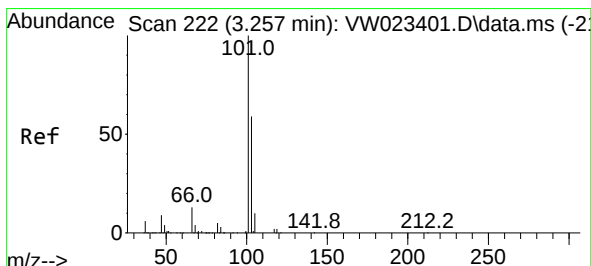
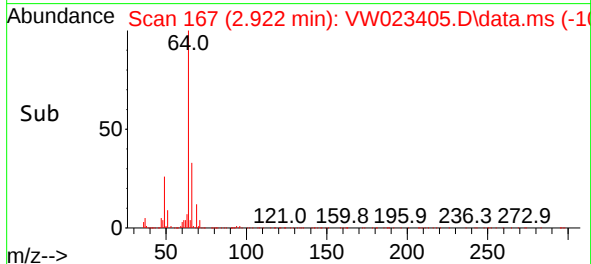
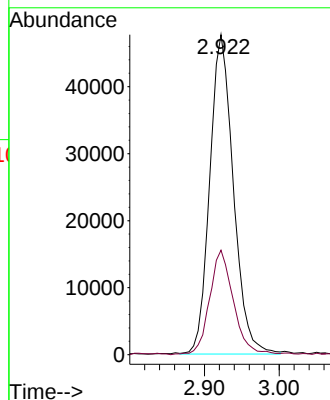
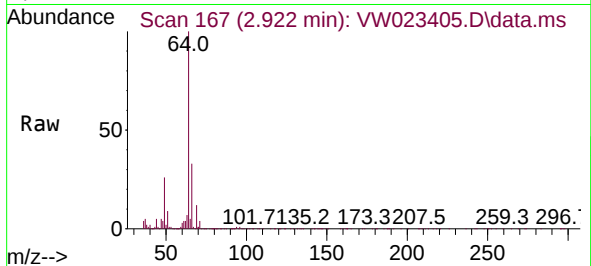




#8
Chloroethane
Concen: 31.525 ug/L
RT: 2.922 min Scan# 167
Delta R.T. -0.000 min
Lab File: VW023405.D
Acq: 06 Jun 2022 16:29

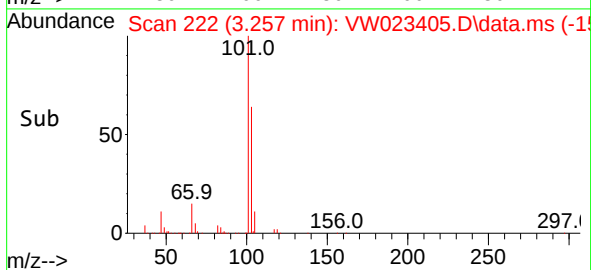
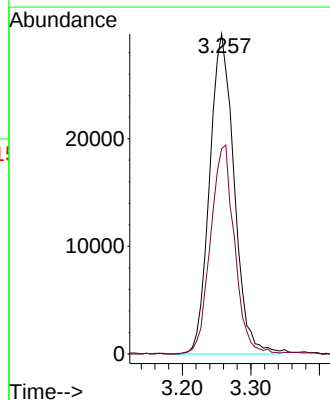
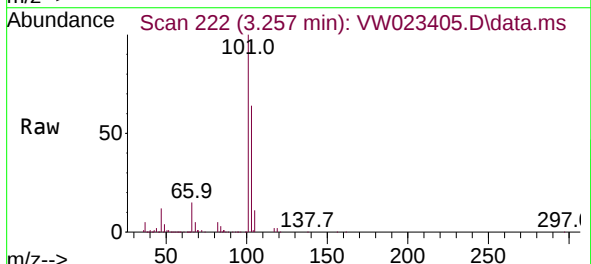
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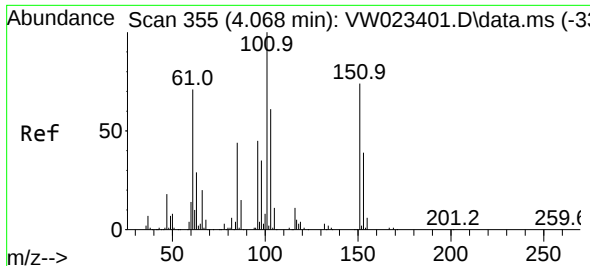
Tgt Ion: 64 Resp: 104636
Ion Ratio Lower Upper
64 100
66 32.6 23.4 43.6



#9
Trichlorofluoromethane
Concen: 19.847 ug/L
RT: 3.257 min Scan# 222
Delta R.T. -0.000 min
Lab File: VW023405.D
Acq: 06 Jun 2022 16:29

Tgt Ion: 101 Resp: 73834
Ion Ratio Lower Upper
101 100
103 63.6 53.9 80.9

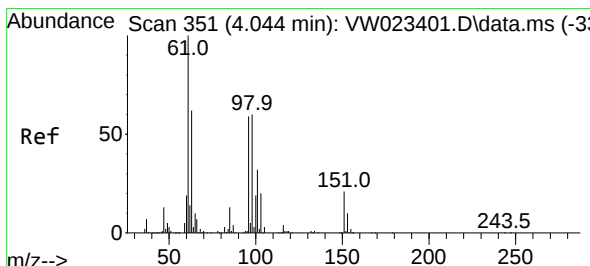
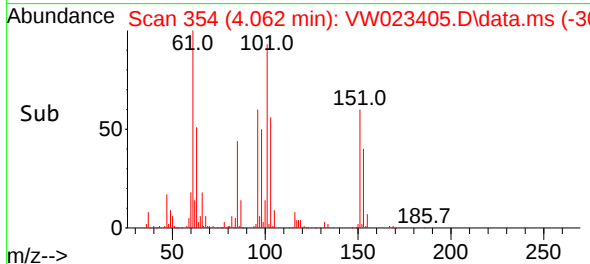
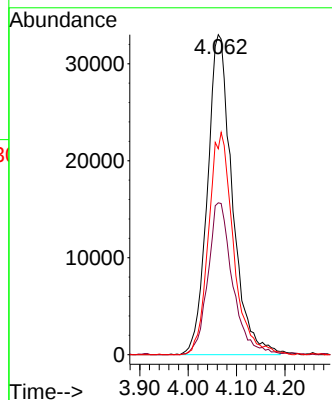
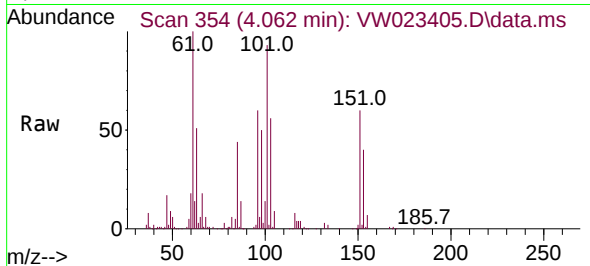




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 24.095 ug/L
 RT: 4.062 min Scan# 311
 Delta R.T. -0.006 min
 Lab File: VW023405.D
 Acq: 06 Jun 2022 16:29

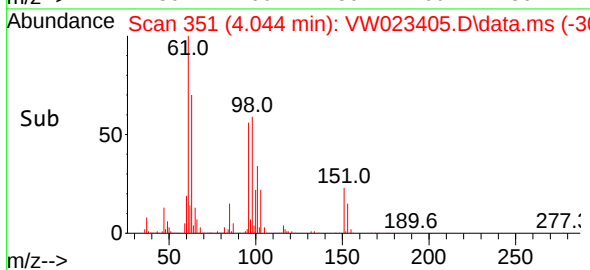
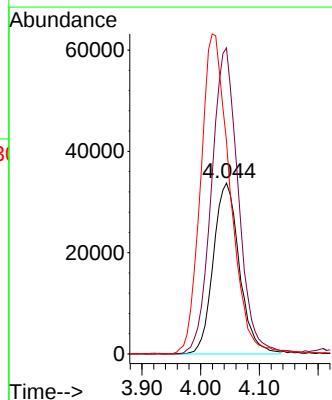
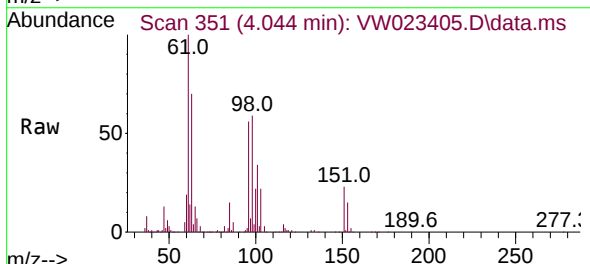
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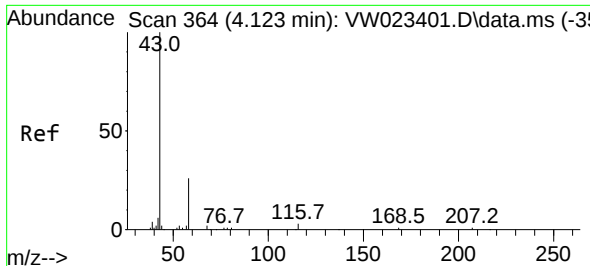
Tgt Ion:101 Resp: 117778
 Ion Ratio Lower Upper
 101 100
 85 47.1 34.3 51.5
 151 68.5 54.2 81.2



#12
 1,1-Dichloroethene
 Concen: 23.864 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. -0.000 min
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Tgt Ion: 96 Resp: 104080
 Ion Ratio Lower Upper
 96 100
 61 179.1 125.7 233.5
 63 125.0 83.4 155.0

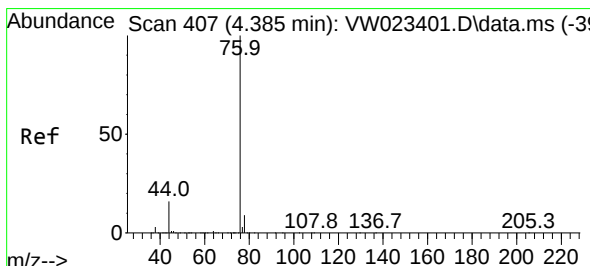
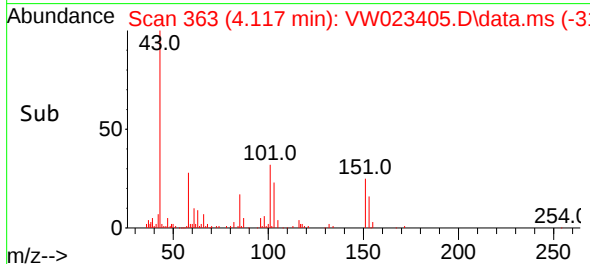
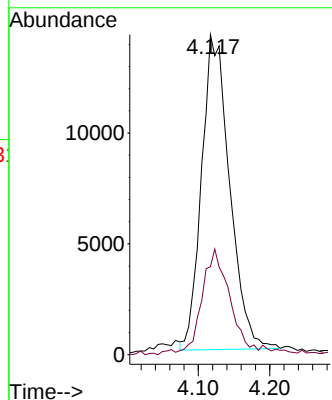
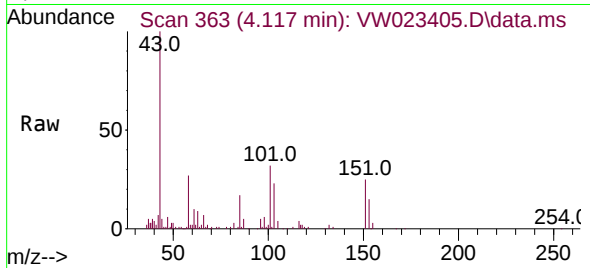




#13
Acetone
Concen: 45.402 ug/L
RT: 4.117 min Scan# 363
Delta R.T. -0.006 min
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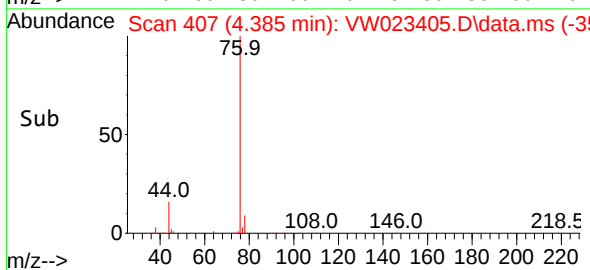
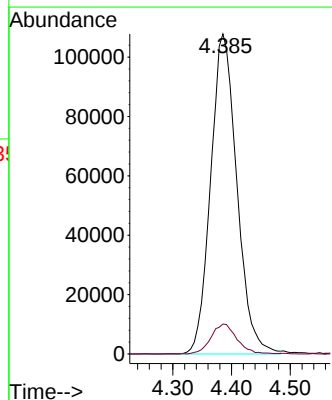
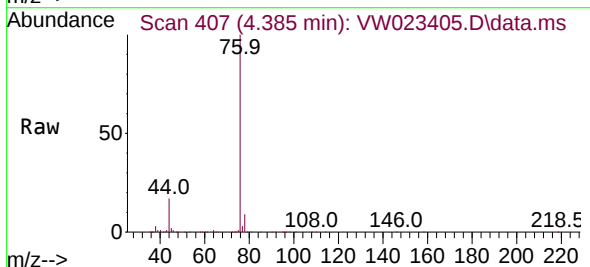
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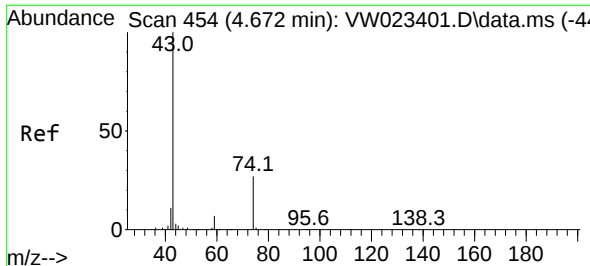
Tgt Ion: 43 Resp: 38779
Ion Ratio Lower Upper
43 100
58 31.4 0.0 64.0



#14
Carbon disulfide
Concen: 23.947 ug/L
RT: 4.385 min Scan# 407
Delta R.T. -0.000 min
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Tgt Ion: 76 Resp: 334734
Ion Ratio Lower Upper
76 100
78 9.4 7.7 11.5

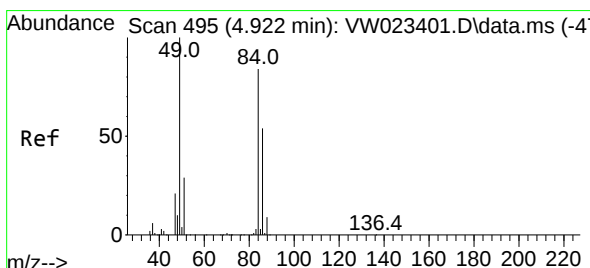
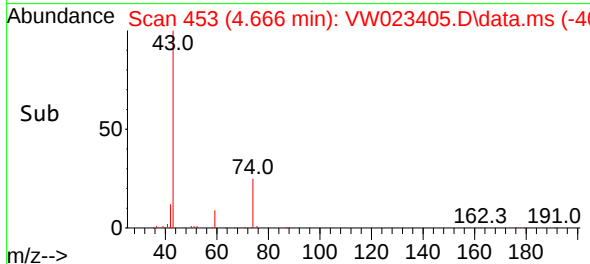
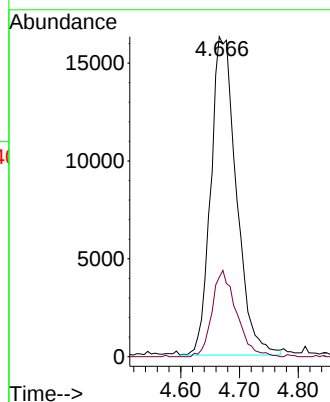
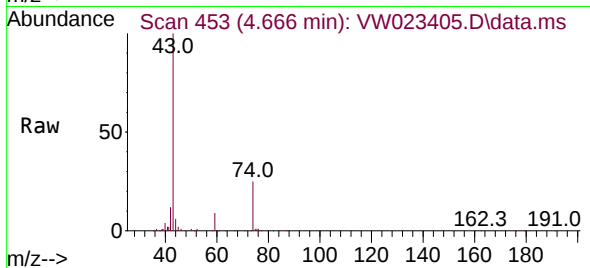




#15
Methyl Acetate
Concen: 26.351 ug/L
RT: 4.666 min Scan# 411
Delta R.T. -0.006 min
Lab File: VW023405.D
Acq: 06 Jun 2022 16:29

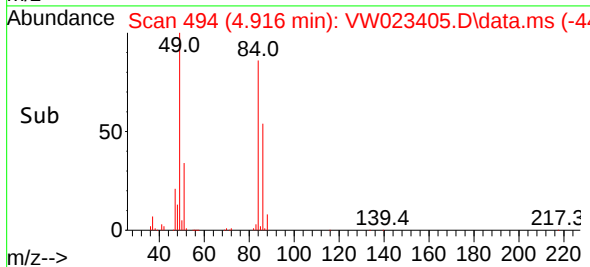
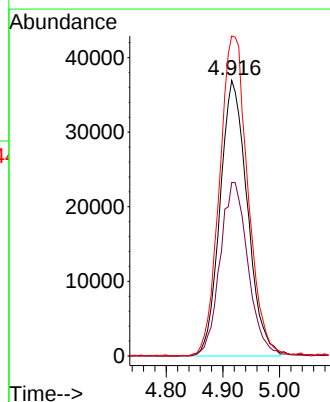
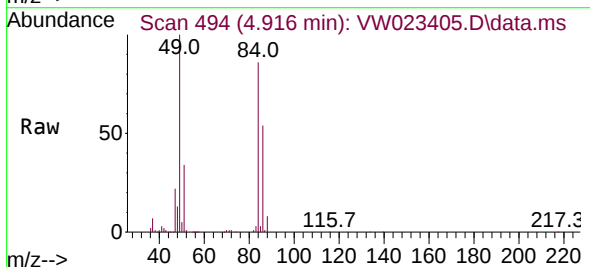
Instrument :
MSVOA_W
ClientSampleId :
VSTD025563

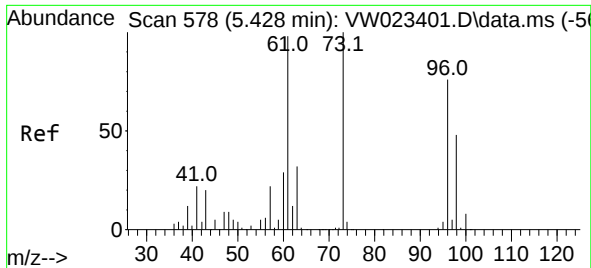
Tgt Ion: 43 Resp: 49432
Ion Ratio Lower Upper
43 100
74 25.6 21.9 32.9



#16
Methylene chloride
Concen: 22.506 ug/L
RT: 4.916 min Scan# 494
Delta R.T. -0.006 min
Lab File: VW023405.D
Acq: 06 Jun 2022 16:29

Tgt Ion: 84 Resp: 123665
Ion Ratio Lower Upper
84 100
86 62.9 45.4 84.4
49 116.1 82.5 153.1

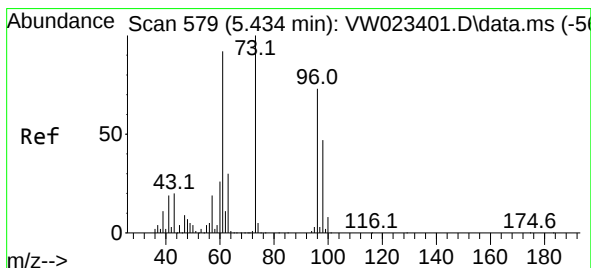
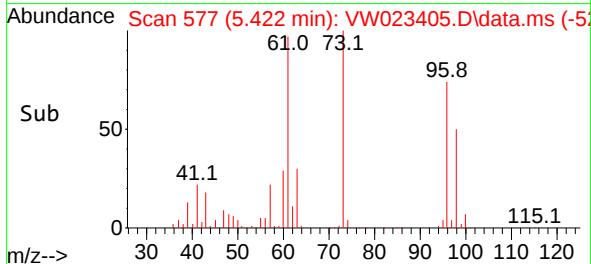
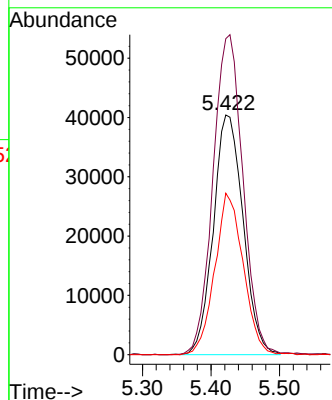
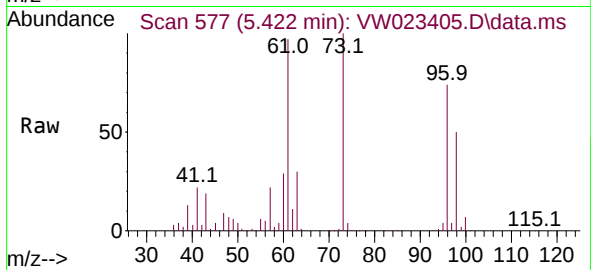




#17
trans-1,2-Dichloroethene
Concen: 23.459 ug/L
RT: 5.422 min Scan# 577
Delta R.T. -0.006 min
Lab File: VW023405.D
Acq: 06 Jun 2022 16:29

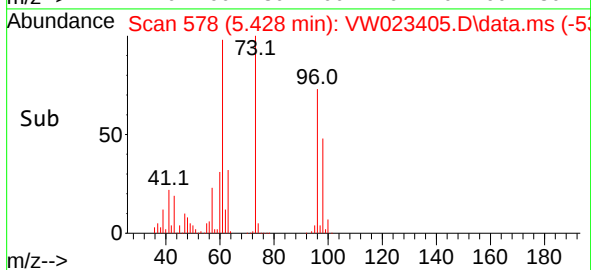
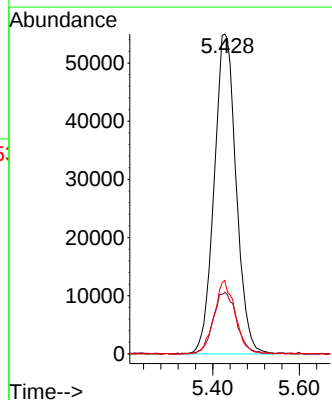
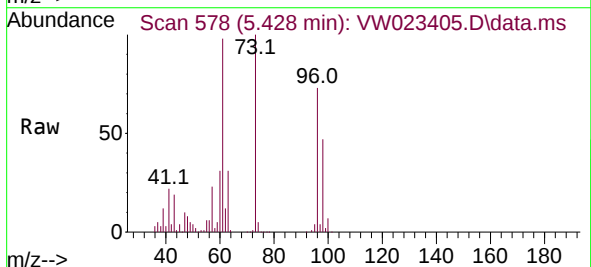
Instrument :
MSVOA_W
ClientSampleId :
VSTD025563

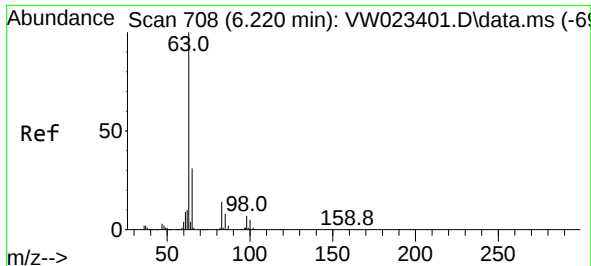
Tgt Ion: 96 Resp: 121920
Ion Ratio Lower Upper
96 100
61 131.8 92.2 171.2
98 67.3 42.9 79.7



#18
Methyl tert-butyl Ether
Concen: 25.833 ug/L
RT: 5.428 min Scan# 578
Delta R.T. -0.006 min
Lab File: VW023405.D
Acq: 06 Jun 2022 16:29

Tgt Ion: 73 Resp: 194560
Ion Ratio Lower Upper
73 100
43 20.6 15.9 23.9
57 21.6 16.5 24.7





#19

1,1-Dichloroethane

Concen: 24.481 ug/L

RT: 6.214 min Scan# 708

Delta R.T. -0.006 min

Lab File: VW023405.D

Acq: 06 Jun 2022 16:29

Instrument :

MSVOA_W

ClientSampleId :

VSTD025563

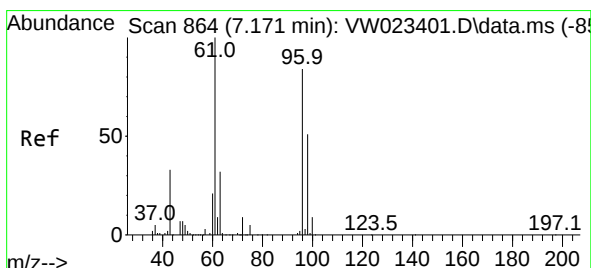
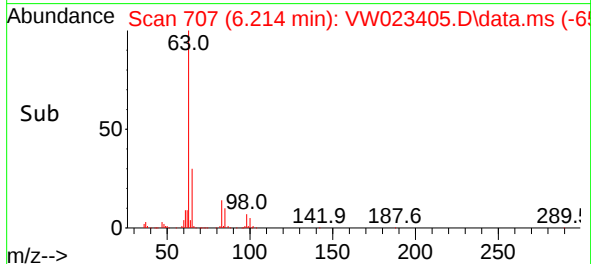
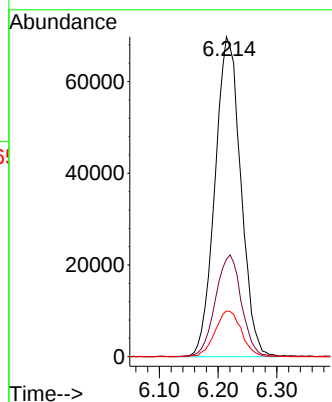
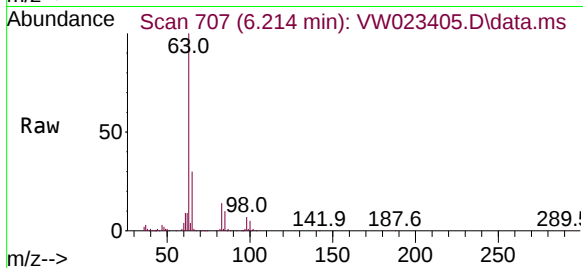
Tgt Ion: 63 Resp: 212776

Ion Ratio Lower Upper

63 100

65 30.4 23.3 43.3

83 14.3 11.1 20.5



#20

cis-1,2-Dichloroethene

Concen: 24.618 ug/L

RT: 7.171 min Scan# 864

Delta R.T. -0.000 min

Lab File: VW023405.D

Acq: 06 Jun 2022 16:29

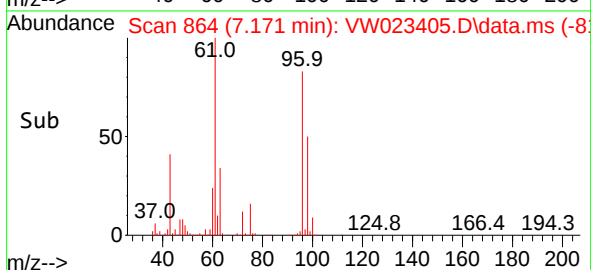
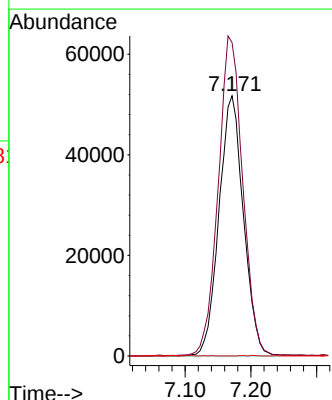
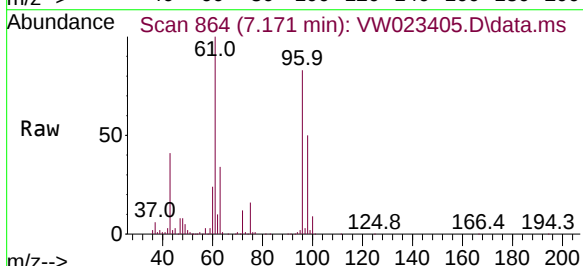
Tgt Ion: 96 Resp: 133824

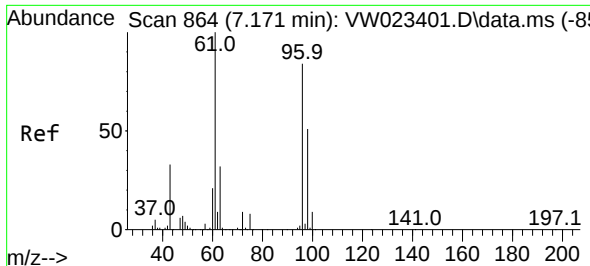
Ion Ratio Lower Upper

96 100

61 120.5 84.2 156.4

68 0.0 0.1 0.1#

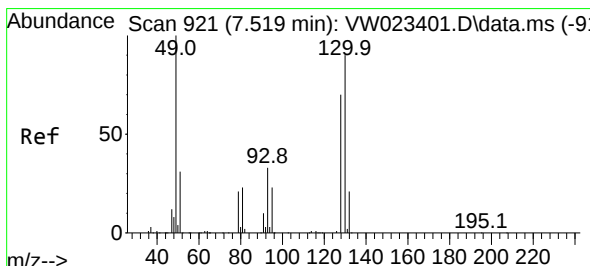
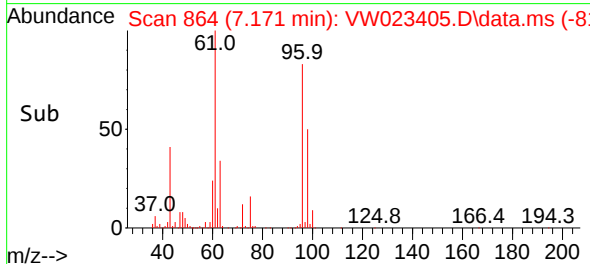
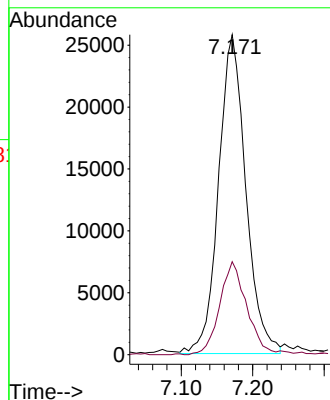
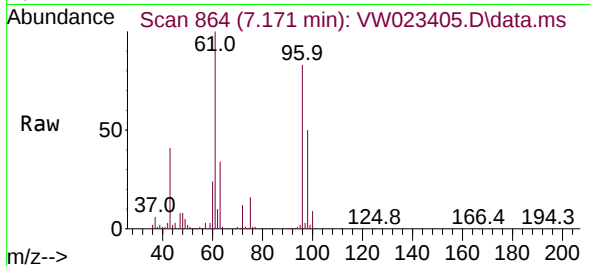




#22
2-Butanone
Concen: 54.892 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.000 min
Lab File: VW023405.D
Acq: 06 Jun 2022 16:29

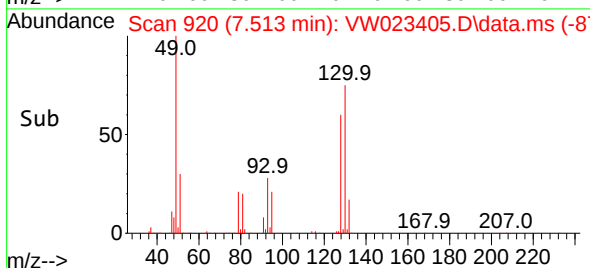
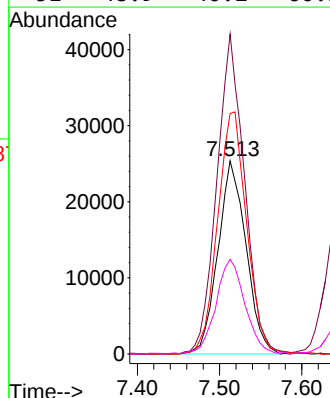
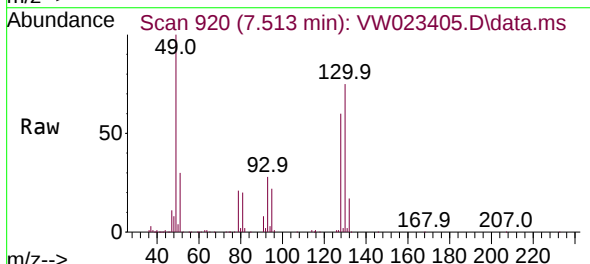
Instrument :
MSVOA_W
ClientSampleId :
VSTD025563

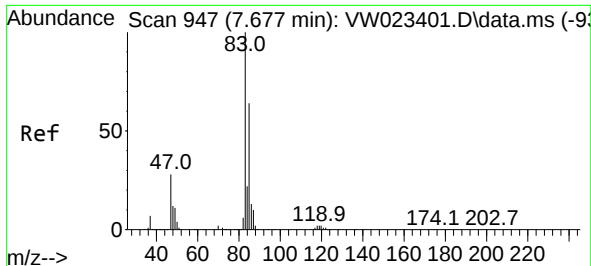
Tgt Ion: 43 Resp: 68229
Ion Ratio Lower Upper
43 100
72 28.7 15.1 45.3



#23
Bromochloromethane
Concen: 23.639 ug/L
RT: 7.513 min Scan# 920
Delta R.T. -0.006 min
Lab File: VW023405.D
Acq: 06 Jun 2022 16:29

Tgt Ion: 128 Resp: 60274
Ion Ratio Lower Upper
128 100
49 165.7 110.0 204.4
130 124.6 94.8 176.0
51 48.9 40.2 60.2

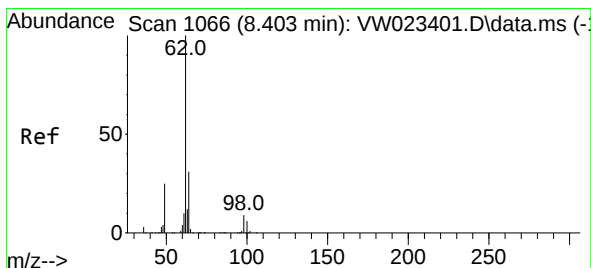
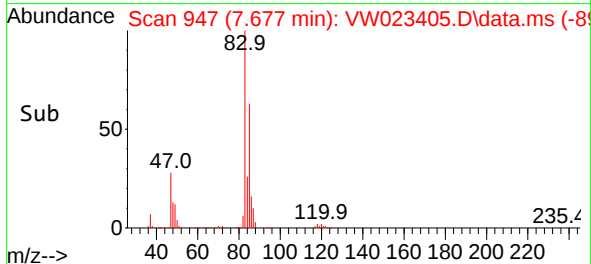
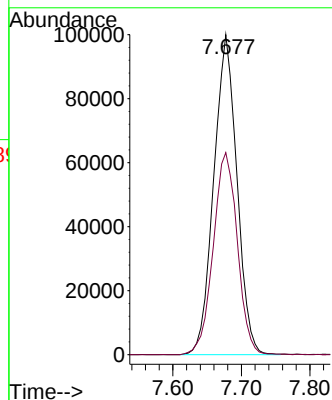
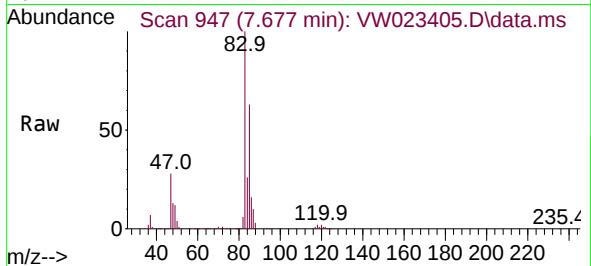




#25
Chloroform
Concen: 24.355 ug/L
RT: 7.677 min Scan# 947
Delta R.T. -0.000 min
Lab File: VW023405.D
Acq: 06 Jun 2022 16:29

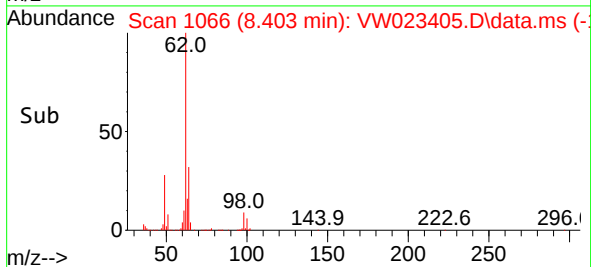
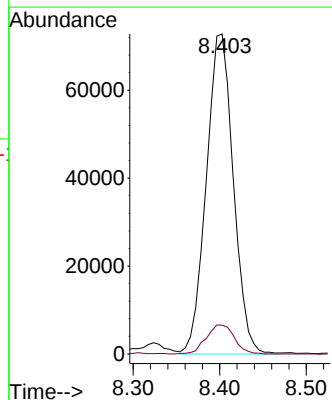
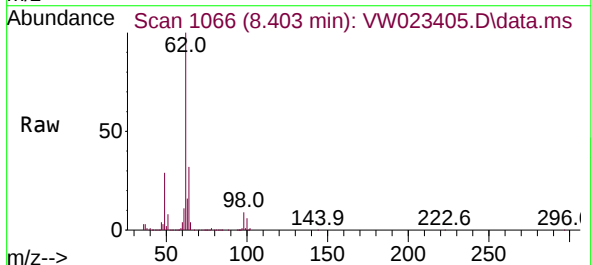
Instrument :
MSVOA_W
ClientSampleId :
VSTD025563

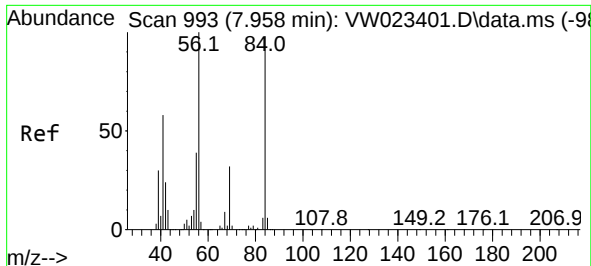
Tgt Ion: 83 Resp: 234425
Ion Ratio Lower Upper
83 100
85 63.1 46.6 86.6



#27
1,2-Dichloroethane
Concen: 26.084 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VW023405.D
Acq: 06 Jun 2022 16:29

Tgt Ion: 62 Resp: 158066
Ion Ratio Lower Upper
62 100
98 9.0 7.2 10.8





#29

Cyclohexane

Concen: 24.745 ug/L

RT: 7.958 min Scan# 993

Delta R.T. -0.000 min

Lab File: VW023405.D

Acq: 06 Jun 2022 16:29

Instrument :

MSVOA_W

ClientSampleId :

VSTD025563

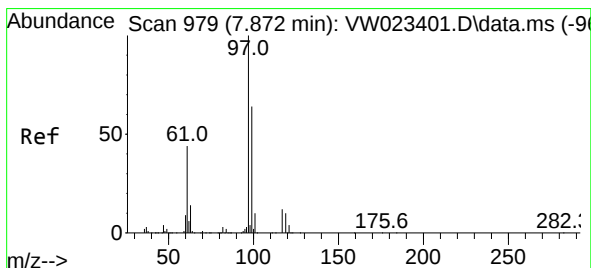
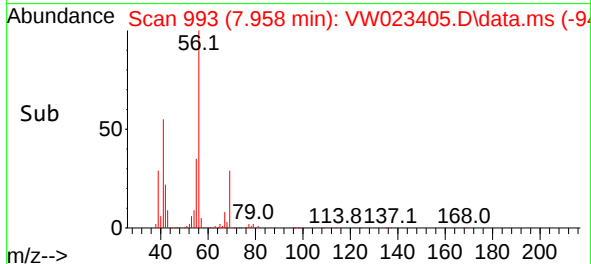
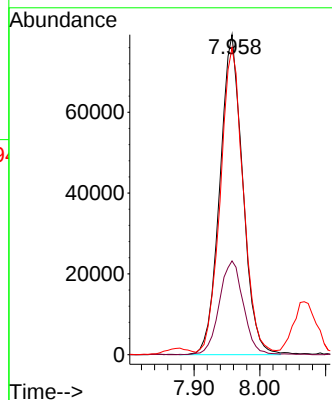
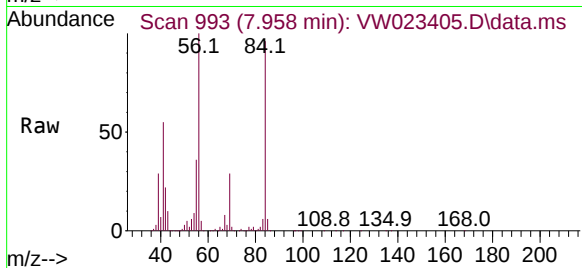
Tgt Ion: 56 Resp: 191575

Ion Ratio Lower Upper

56 100

69 30.7 25.6 38.4

84 96.8 78.2 117.4



#30

1,1,1-Trichloroethane

Concen: 23.498 ug/L

RT: 7.872 min Scan# 979

Delta R.T. -0.000 min

Lab File: VW023405.D

Acq: 06 Jun 2022 16:29

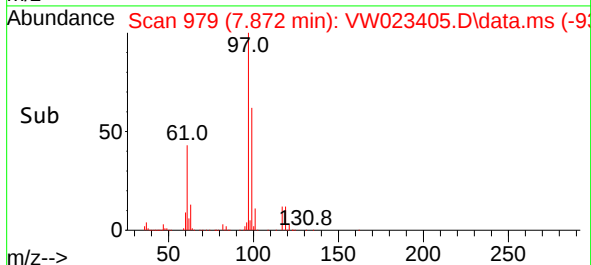
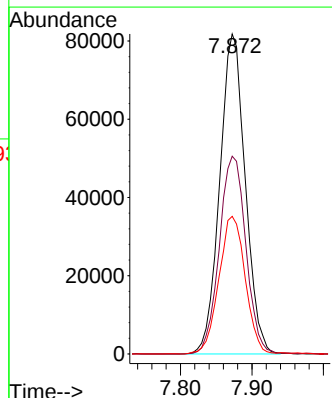
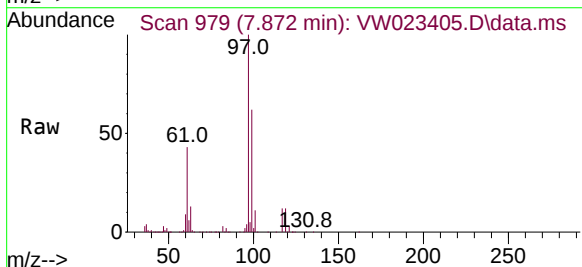
Tgt Ion: 97 Resp: 202561

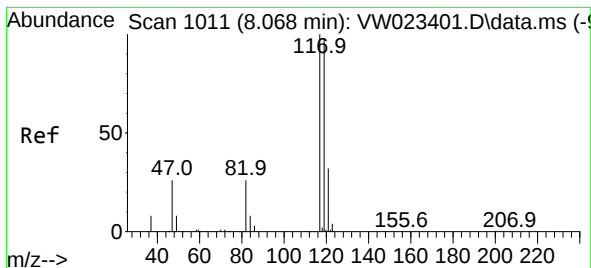
Ion Ratio Lower Upper

97 100

99 64.2 51.0 76.4

61 44.4 34.8 52.2

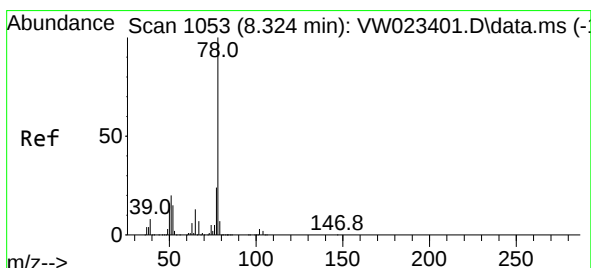
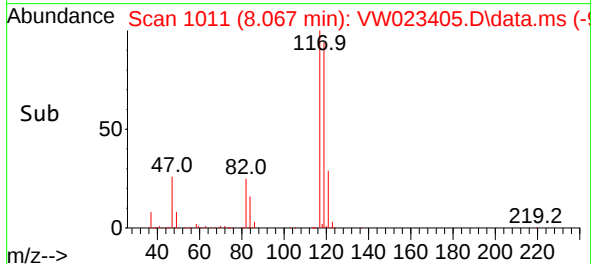
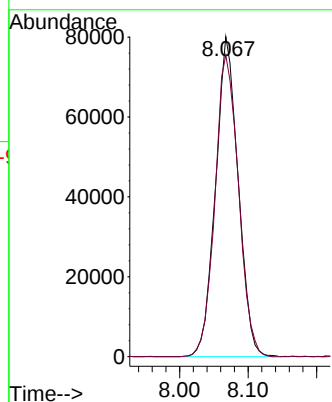
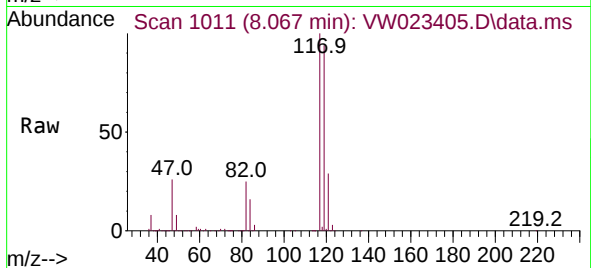




#31
Carbon tetrachloride
Concen: 23.112 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.000 min
Lab File: VW023405.D
Acq: 06 Jun 2022 16:29

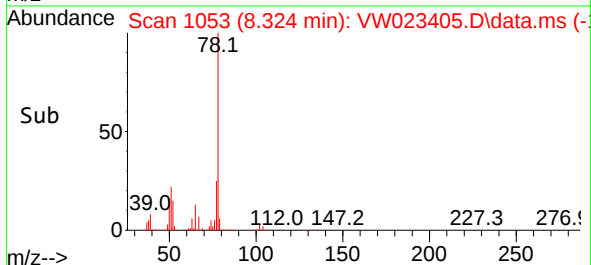
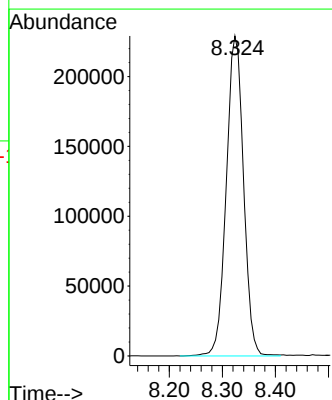
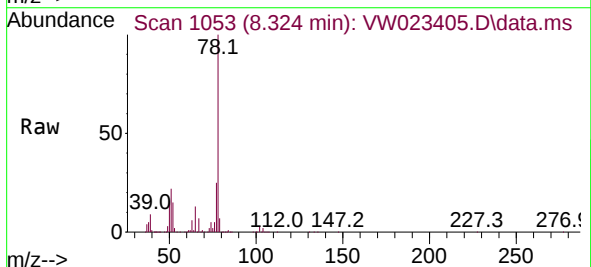
Instrument :
MSVOA_W
ClientSampleId :
VSTD025563

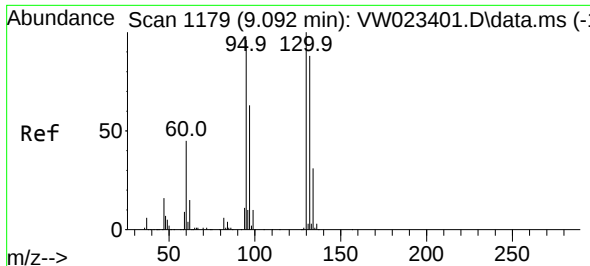
Tgt Ion:117 Resp: 183795
Ion Ratio Lower Upper
117 100
119 97.7 76.6 115.0



#33
Benzene
Concen: 24.338 ug/L
RT: 8.324 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW023405.D
Acq: 06 Jun 2022 16:29

Tgt Ion: 78 Resp: 517514



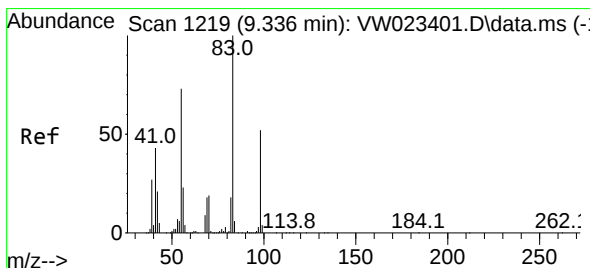
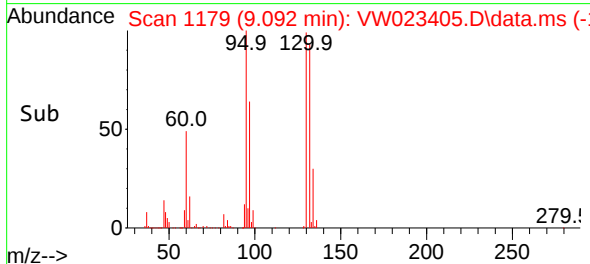
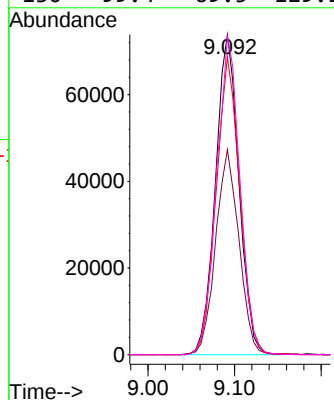
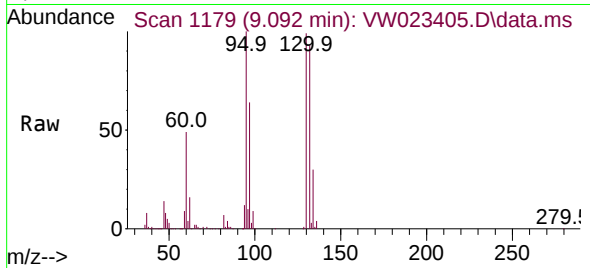


#34
Trichloroethene
Concen: 23.802 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW023405.D
Acq: 06 Jun 2022 16:29

Instrument :
MSVOA_W
ClientSampleId :
VSTD025563

Tgt Ion: 95 Resp: 138456

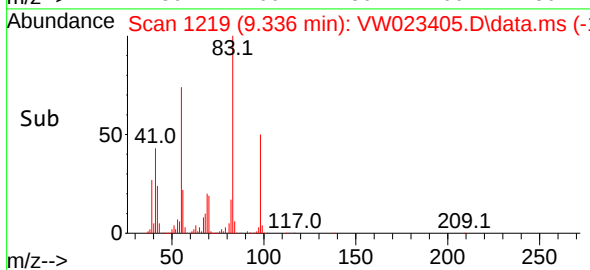
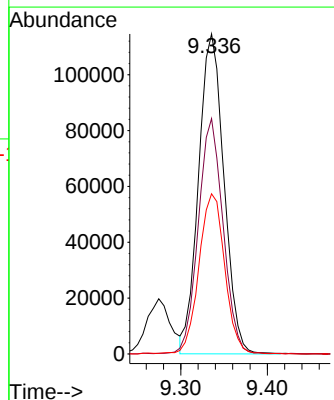
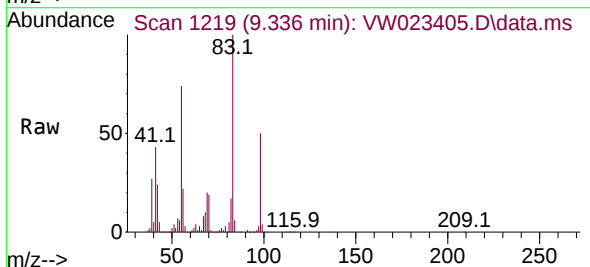
Ion	Ratio	Lower	Upper
95	100		
97	64.1	46.1	85.7
132	93.0	66.9	124.3
130	99.4	69.5	129.1

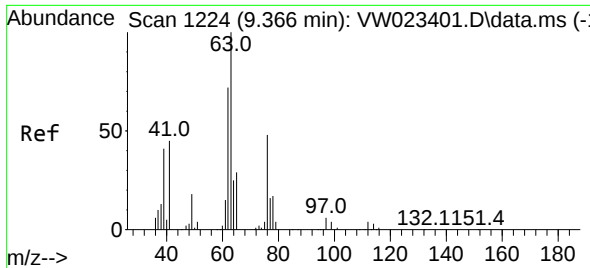


#35
Methylcyclohexane
Concen: 24.407 ug/L
RT: 9.336 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW023405.D
Acq: 06 Jun 2022 16:29

Tgt Ion: 83 Resp: 233030

Ion	Ratio	Lower	Upper
83	100		
55	72.0	55.1	82.7
98	50.7	40.4	60.6

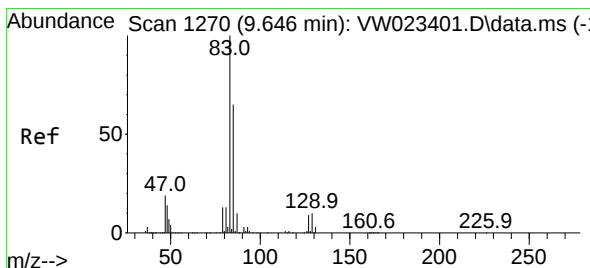
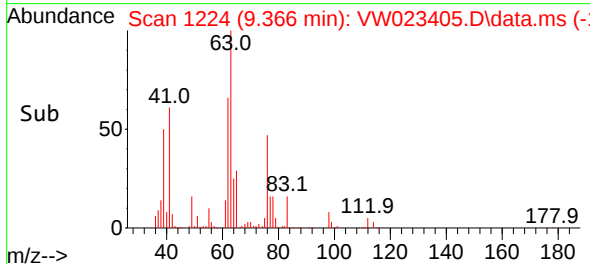
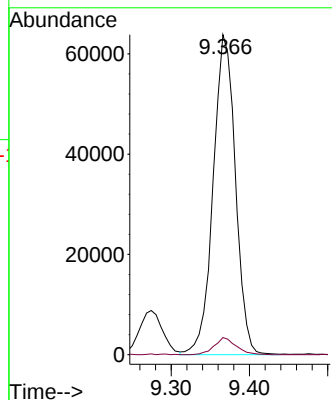
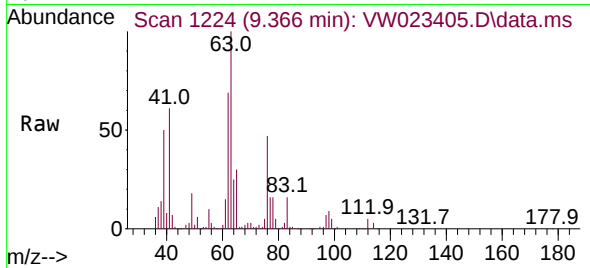




#37
1,2-Dichloropropane
Concen: 25.364 ug/L
RT: 9.366 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW023405.D
Acq: 06 Jun 2022 16:29

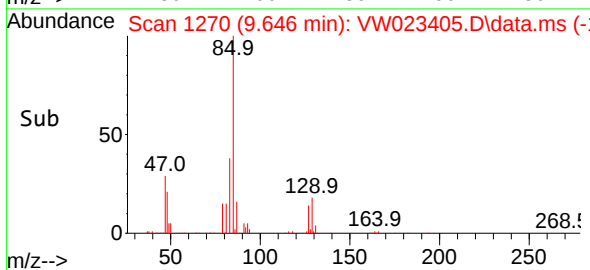
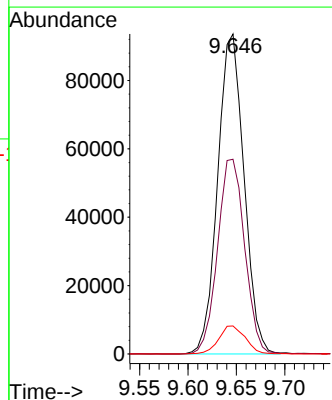
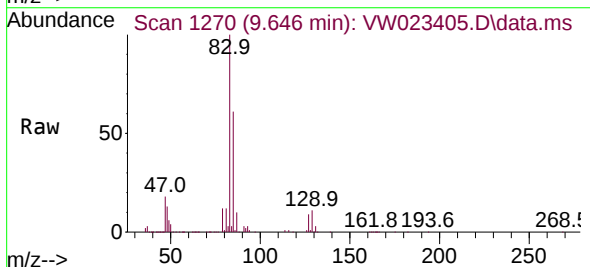
Instrument :
MSVOA_W
ClientSampleId :
VSTD025563

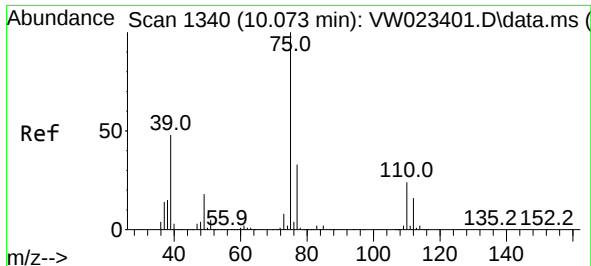
Tgt Ion: 63 Resp: 126389
Ion Ratio Lower Upper
63 100
112 5.2 3.8 5.8



#38
Bromodichloromethane
Concen: 25.317 ug/L
RT: 9.646 min Scan# 1270
Delta R.T. -0.000 min
Lab File: VW023405.D
Acq: 06 Jun 2022 16:29

Tgt Ion: 83 Resp: 176990
Ion Ratio Lower Upper
83 100
85 60.8 43.5 80.7
127 8.8 7.1 10.7

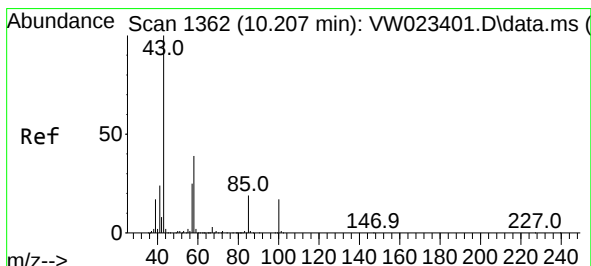
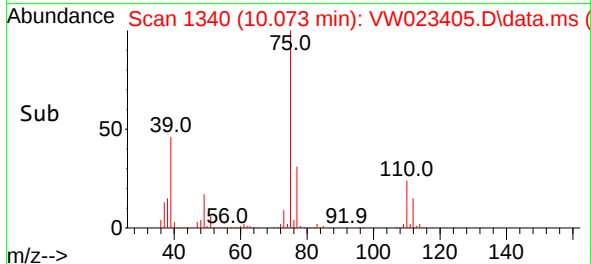
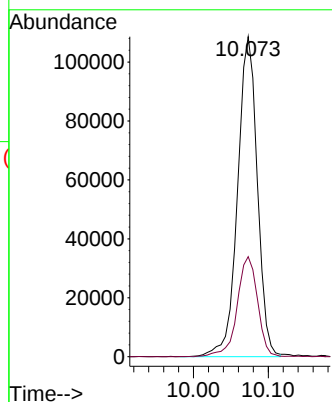
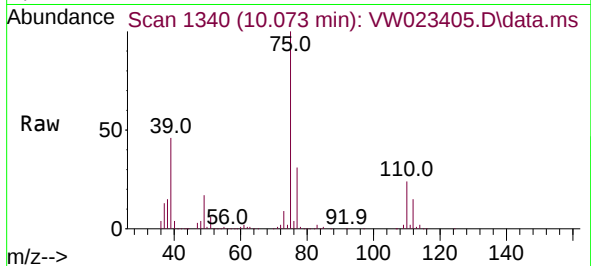




#39
 cis-1,3-Dichloropropene
 Concen: 25.568 ug/L
 RT: 10.073 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VW023405.D
 Acq: 06 Jun 2022 16:29

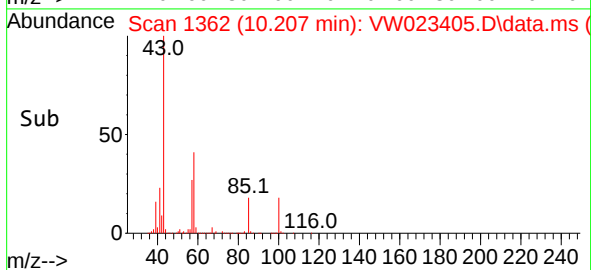
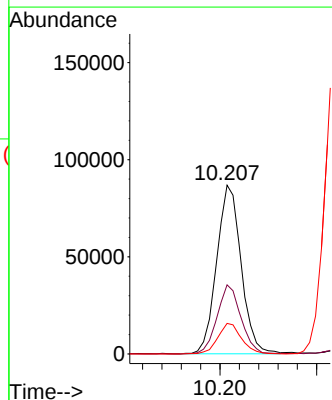
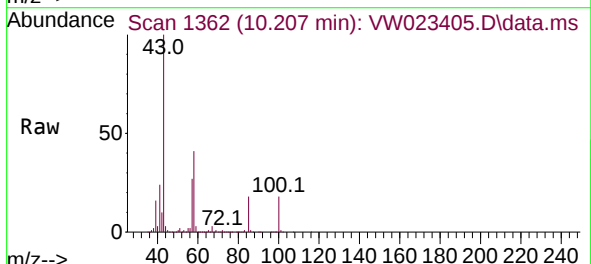
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025563

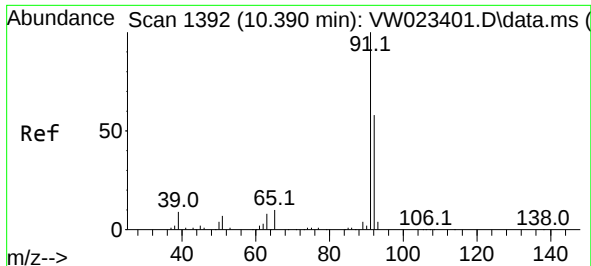
Tgt Ion: 75 Resp: 199594
 Ion Ratio Lower Upper
 75 100
 77 31.3 22.1 41.1



#40
 4-Methyl-2-pentanone
 Concen: 56.225 ug/L
 RT: 10.207 min Scan# 1362
 Delta R.T. -0.000 min
 Lab File: VW023405.D
 Acq: 06 Jun 2022 16:29

Tgt Ion: 43 Resp: 152330
 Ion Ratio Lower Upper
 43 100
 58 40.1 31.4 47.2
 100 17.6 14.2 21.4

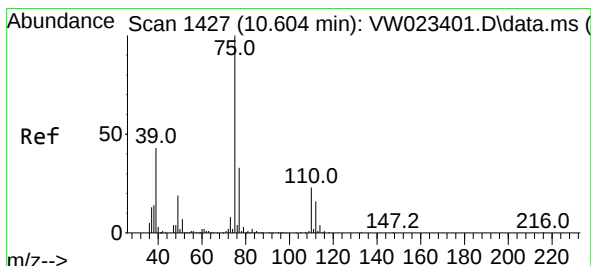
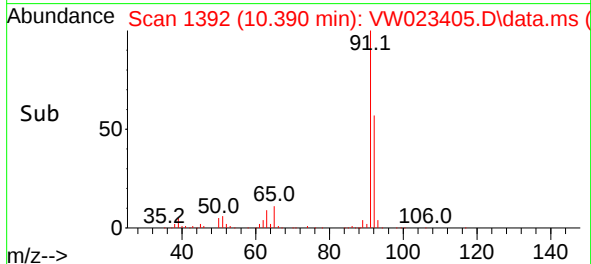
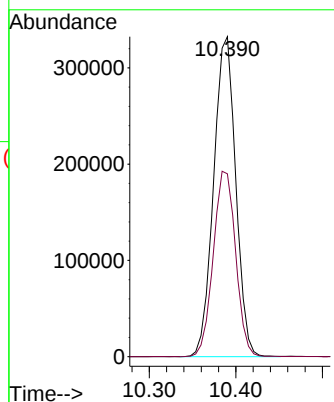
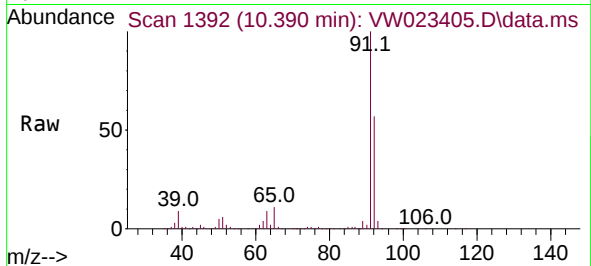




#42
Toluene
Concen: 24.565 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VW023405.D
Acq: 06 Jun 2022 16:29

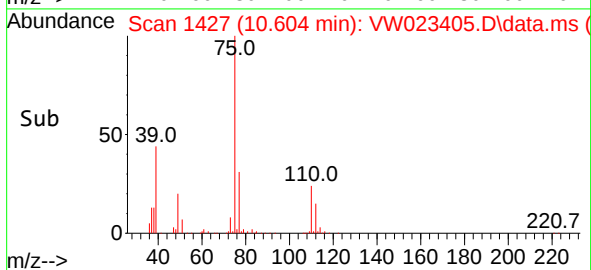
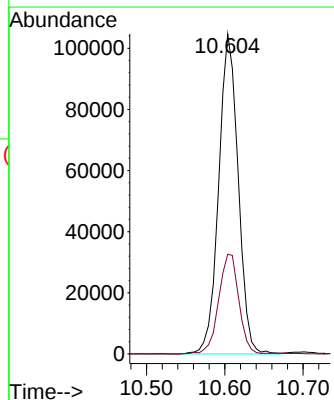
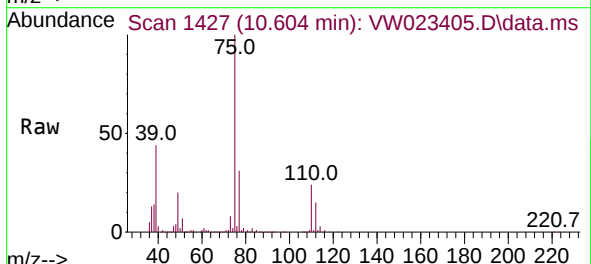
Instrument :
MSVOA_W
ClientSampleId :
VSTD025563

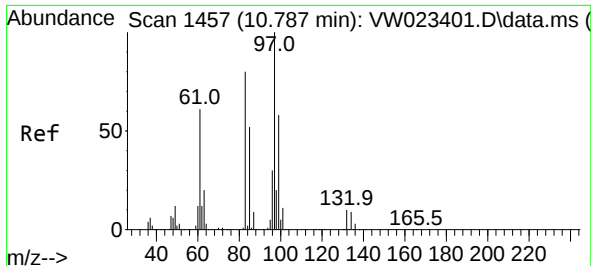
Tgt Ion: 91 Resp: 588984
Ion Ratio Lower Upper
91 100
92 57.1 41.6 77.2



#44
trans-1,3-Dichloropropene
Concen: 26.583 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW023405.D
Acq: 06 Jun 2022 16:29

Tgt Ion: 75 Resp: 181112
Ion Ratio Lower Upper
75 100
77 31.1 22.0 40.8





#45

1,1,2-Trichloroethane

Concen: 25.631 ug/L

RT: 10.786 min Scan# 1457

Delta R.T. -0.000 min

Lab File: VW023405.D

Acq: 06 Jun 2022 16:29

Instrument :

MSVOA_W

ClientSampleId :

VSTD025563

Tgt Ion: 97 Resp: 102535

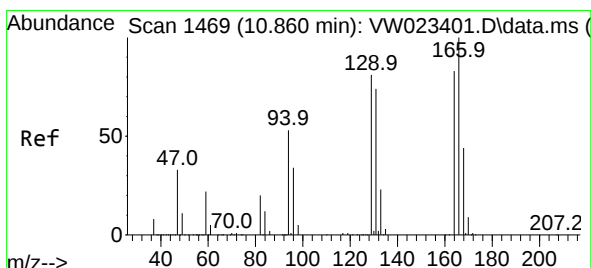
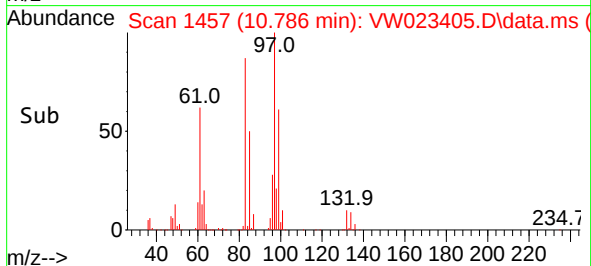
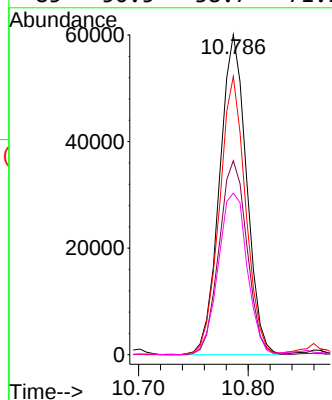
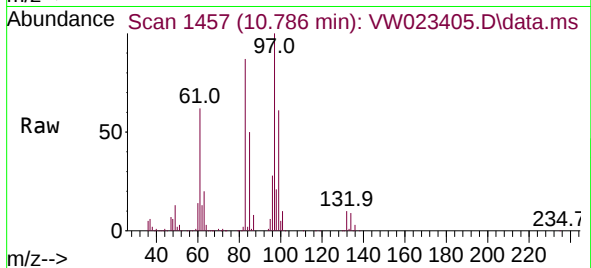
Ion Ratio Lower Upper

97 100

99 60.6 44.7 82.9

83 87.0 58.4 108.4

85 50.5 38.7 71.9



#46

Tetrachloroethene

Concen: 23.965 ug/L

RT: 10.860 min Scan# 1469

Delta R.T. -0.000 min

Lab File: VW023405.D

Acq: 06 Jun 2022 16:29

Tgt Ion:164 Resp: 110277

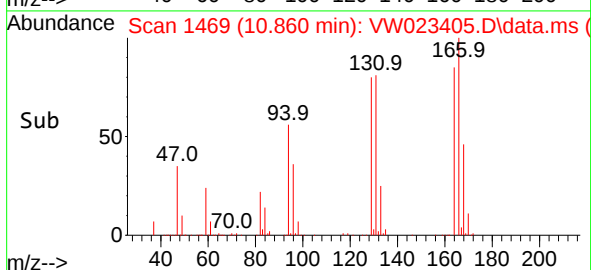
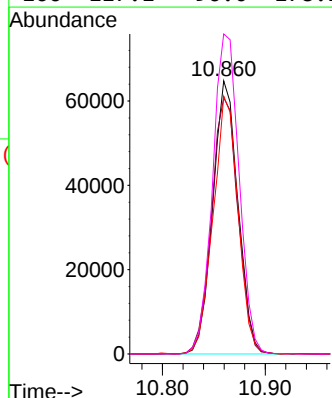
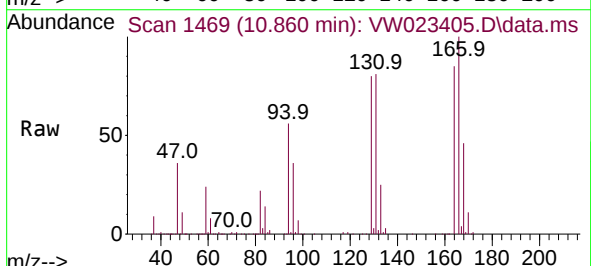
Ion Ratio Lower Upper

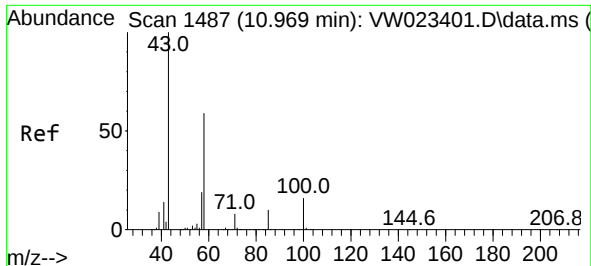
164 100

129 93.8 76.9 142.7

131 94.4 75.1 139.5

166 117.1 96.0 178.2

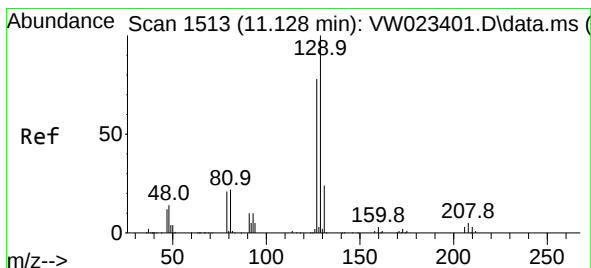
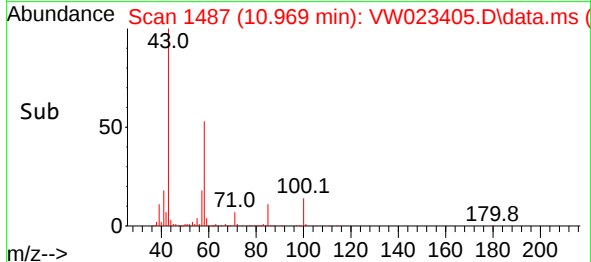
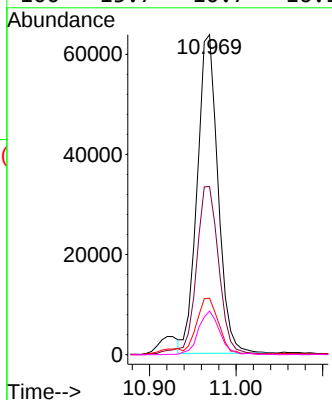
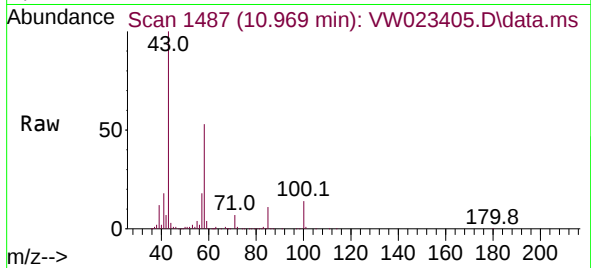




#48
2-Hexanone
Concen: 60.606 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW023405.D
Acq: 06 Jun 2022 16:29

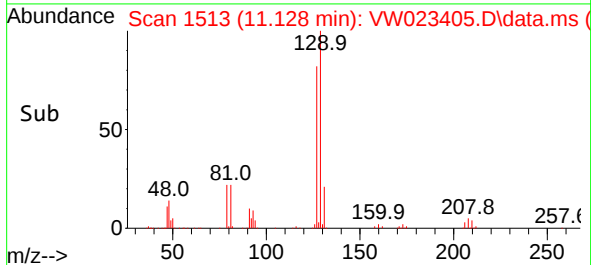
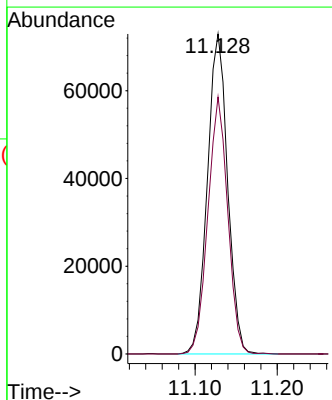
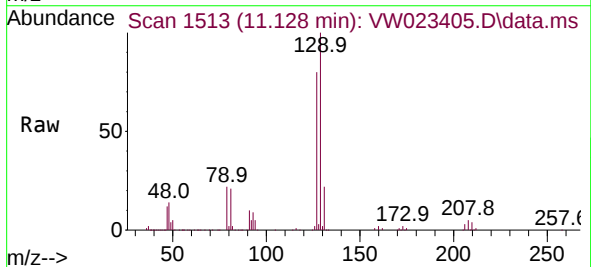
Instrument :
MSVOA_W
ClientSampleId :
VSTD025563

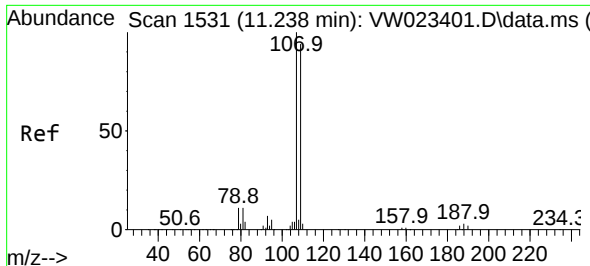
Tgt Ion: 43 Resp: 106184
Ion Ratio Lower Upper
43 100
58 57.4 45.9 68.9
57 18.8 16.2 24.2
100 13.7 10.7 16.1



#49
Dibromochloromethane
Concen: 25.784 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW023405.D
Acq: 06 Jun 2022 16:29

Tgt Ion: 129 Resp: 124756
Ion Ratio Lower Upper
129 100
127 80.3 53.8 100.0





#50

1,2-Dibromoethane

Concen: 26.111 ug/L

RT: 11.232 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW023405.D

Acq: 06 Jun 2022 16:29

Instrument :

MSVOA_W

ClientSampleId :

VSTD025563

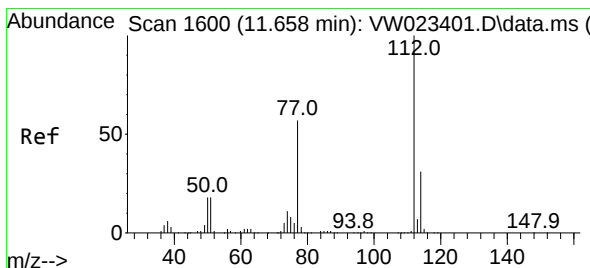
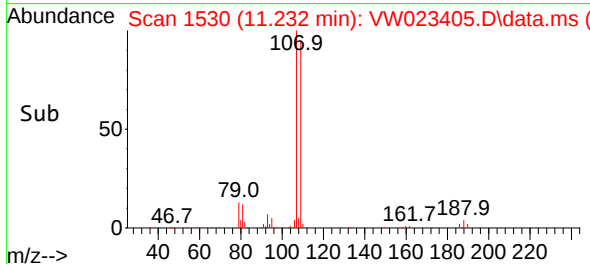
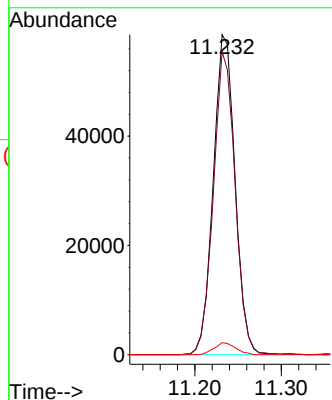
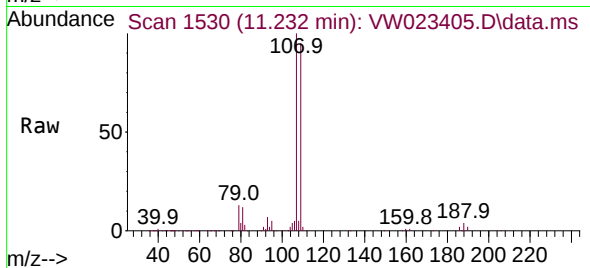
Tgt Ion:107 Resp: 102325

Ion Ratio Lower Upper

107 100

109 94.7 67.5 125.4

188 3.8 2.9 4.3



#51

Chlorobenzene

Concen: 24.423 ug/L

RT: 11.658 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VW023405.D

Acq: 06 Jun 2022 16:29

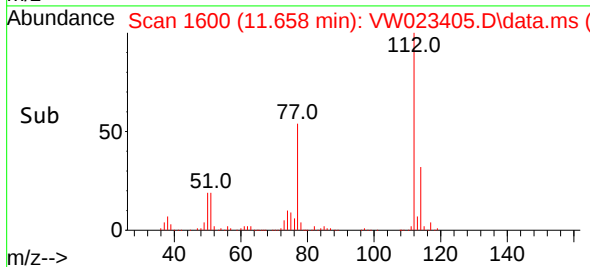
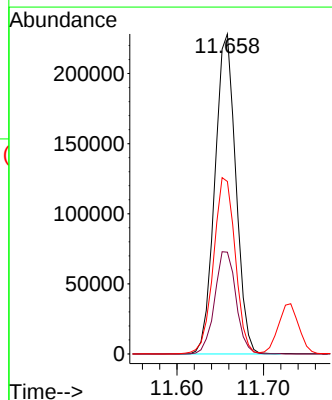
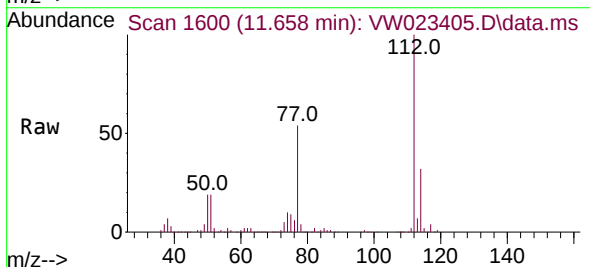
Tgt Ion:112 Resp: 383257

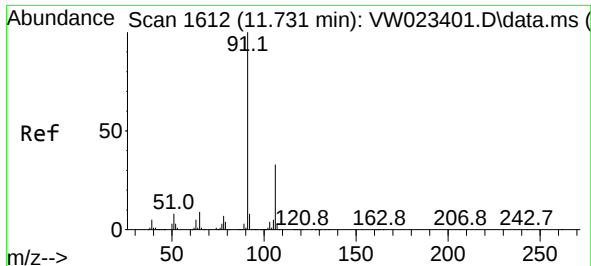
Ion Ratio Lower Upper

112 100

114 31.8 22.0 41.0

77 53.9 42.6 63.8

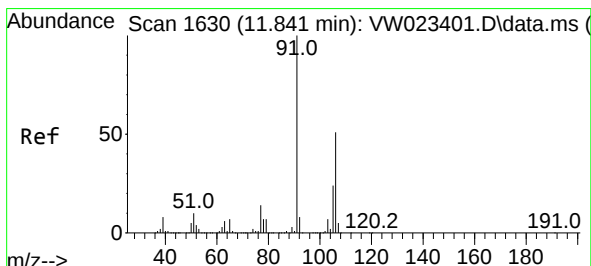
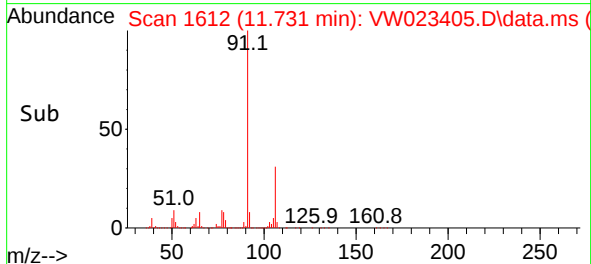
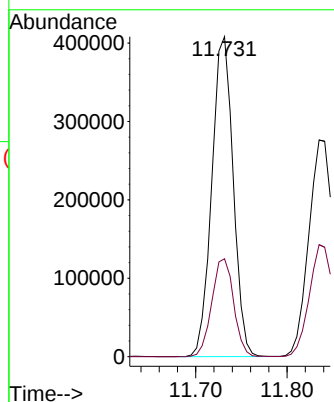
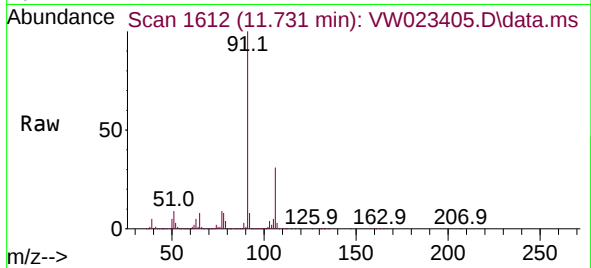




#52
Ethylbenzene
Concen: 25.085 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW023405.D
Acq: 06 Jun 2022 16:29

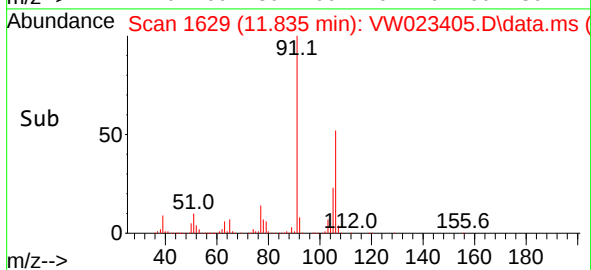
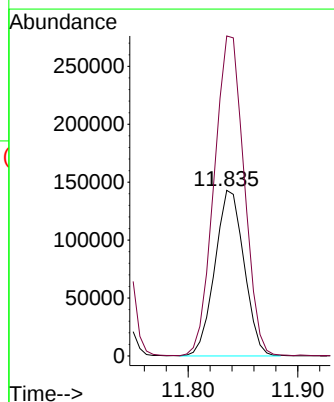
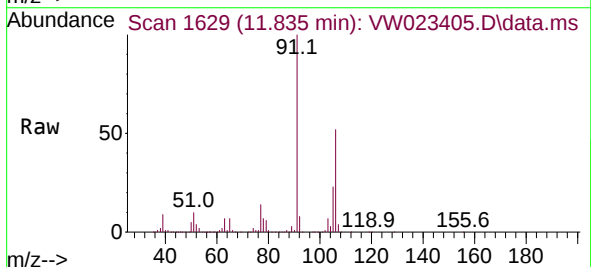
Instrument :
MSVOA_W
ClientSampleId :
VSTD025563

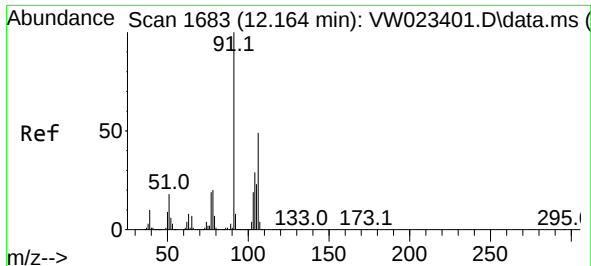
Tgt Ion: 91 Resp: 662700
Ion Ratio Lower Upper
91 100
106 30.6 22.3 41.3



#53
m,p-Xylene
Concen: 25.900 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VW023405.D
Acq: 06 Jun 2022 16:29

Tgt Ion:106 Resp: 264835
Ion Ratio Lower Upper
106 100
91 193.3 136.8 254.0

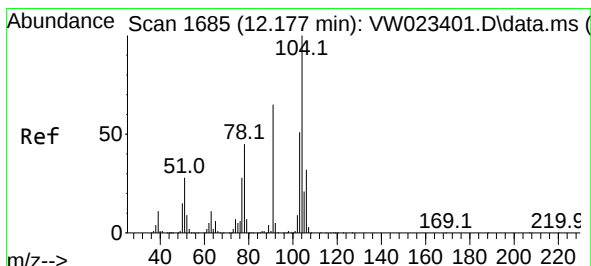
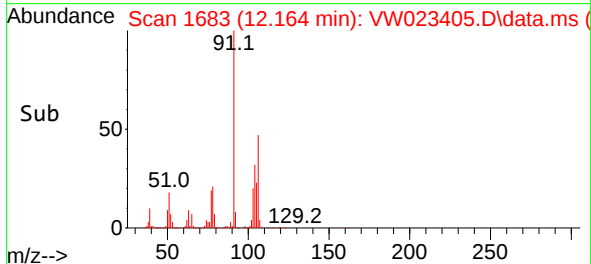
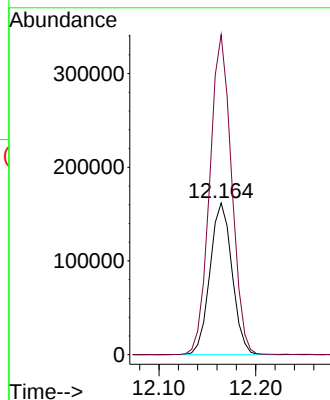
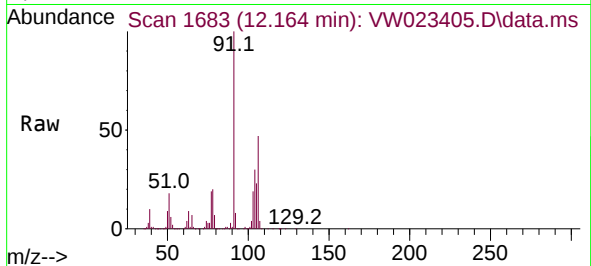




#54
o-Xylene
Concen: 26.117 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW023405.D
Acq: 06 Jun 2022 16:29

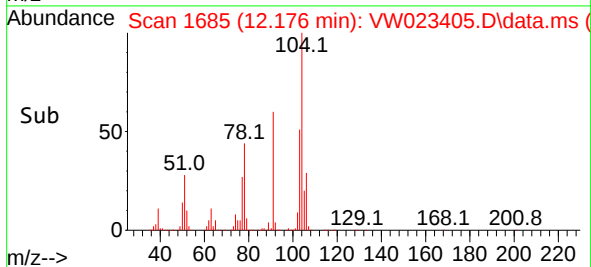
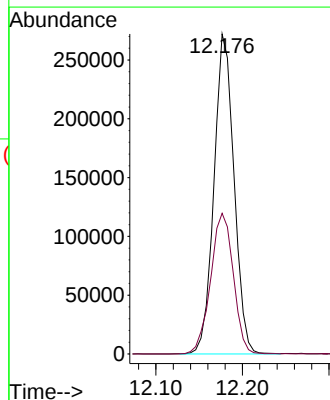
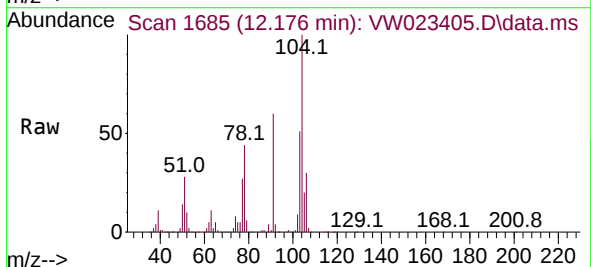
Instrument :
MSVOA_W
ClientSampleId :
VSTD025563

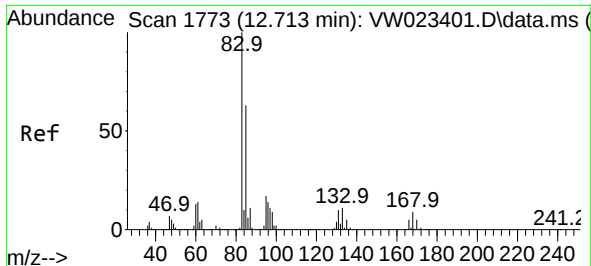
Tgt Ion:106 Resp: 255823
Ion Ratio Lower Upper
106 100
91 211.0 147.2 273.4



#55
Styrene
Concen: 25.952 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VW023405.D
Acq: 06 Jun 2022 16:29

Tgt Ion:104 Resp: 437454
Ion Ratio Lower Upper
104 100
78 44.0 32.3 59.9





#57

1,1,2-Tetrachloroethane

Concen: 26.859 ug/L

RT: 12.713 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VW023405.D

Acq: 06 Jun 2022 16:29

Instrument :

MSVOA_W

ClientSampleId :

VSTD025563

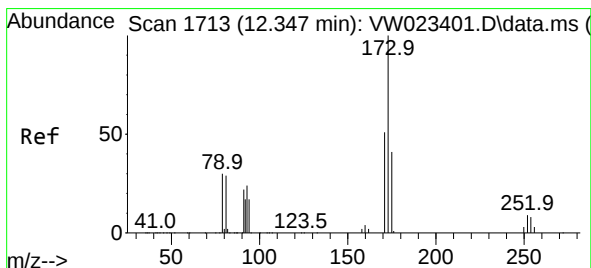
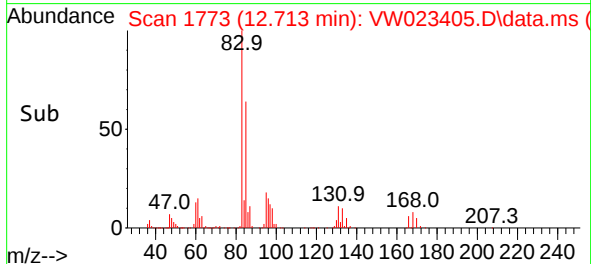
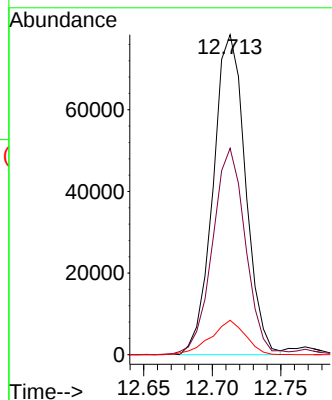
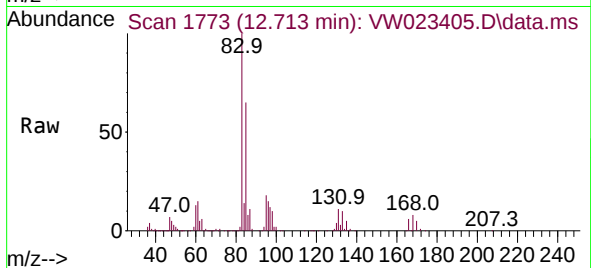
Tgt Ion: 83 Resp: 128852

Ion Ratio Lower Upper

83 100

85 64.5 47.5 88.1

131 10.7 8.7 13.1



#59

Bromoform

Concen: 23.590 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. -0.000 min

Lab File: VW023405.D

Acq: 06 Jun 2022 16:29

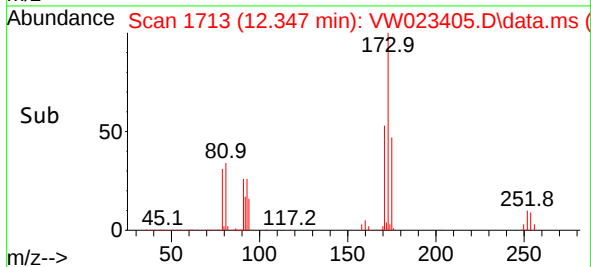
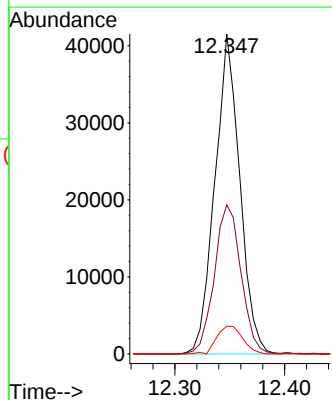
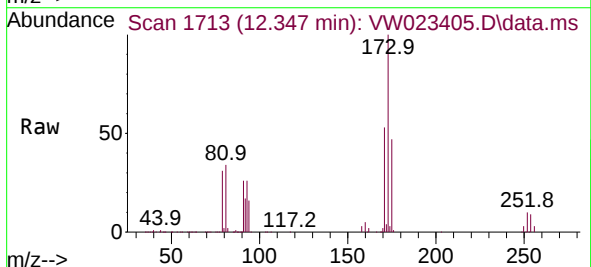
Tgt Ion: 173 Resp: 65605

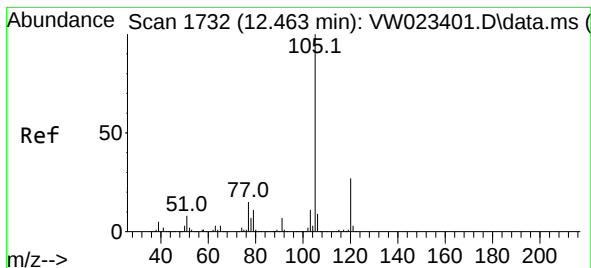
Ion Ratio Lower Upper

173 100

175 49.8 38.1 57.1

254 8.9 6.5 9.7

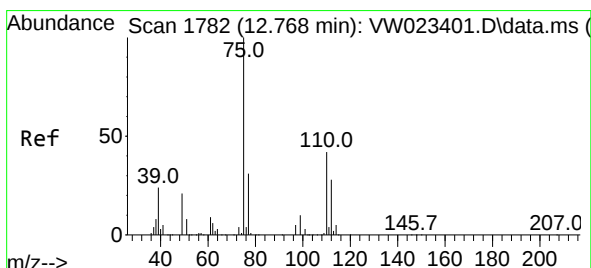
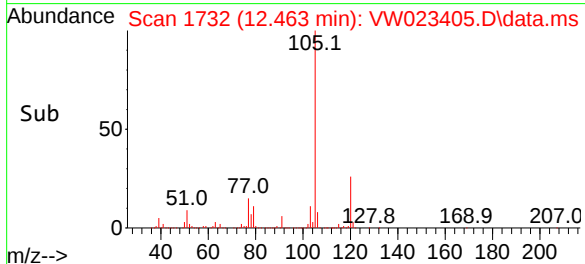
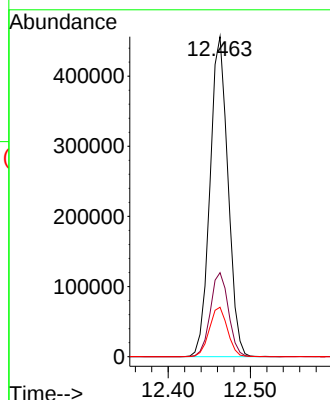
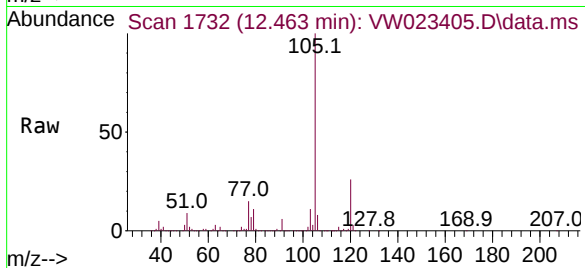




#60
Isopropylbenzene
Concen: 24.128 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW023405.D
Acq: 06 Jun 2022 16:29

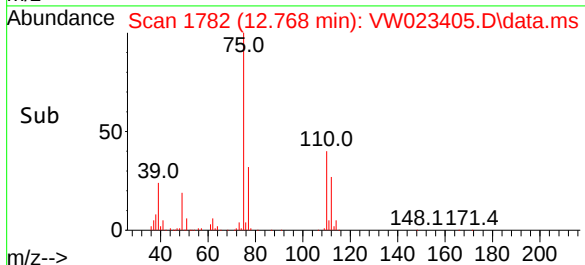
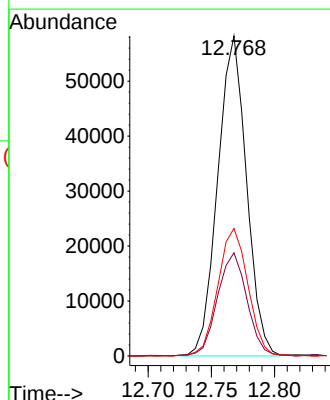
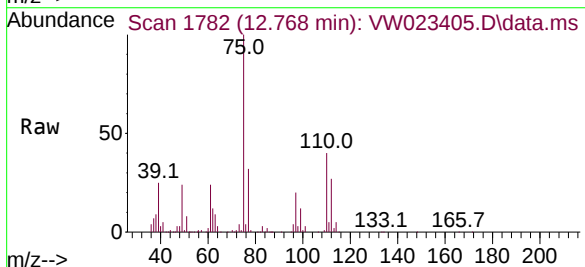
Instrument :
MSVOA_W
ClientSampleId :
VSTD025563

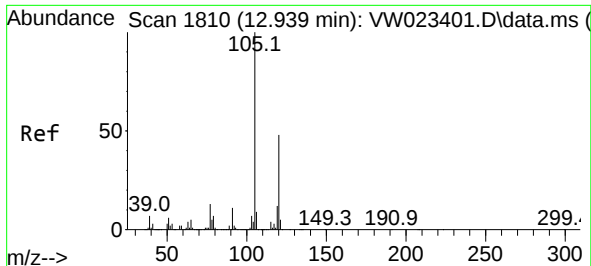
Tgt Ion:105 Resp: 692923
Ion Ratio Lower Upper
105 100
120 26.5 21.3 31.9
77 15.6 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 25.349 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW023405.D
Acq: 06 Jun 2022 16:29

Tgt Ion: 75 Resp: 92012
Ion Ratio Lower Upper
75 100
77 33.1 26.2 39.2
110 41.6 34.1 51.1

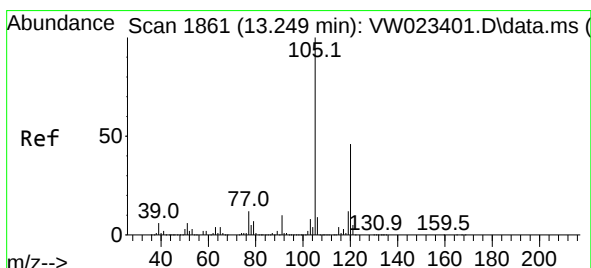
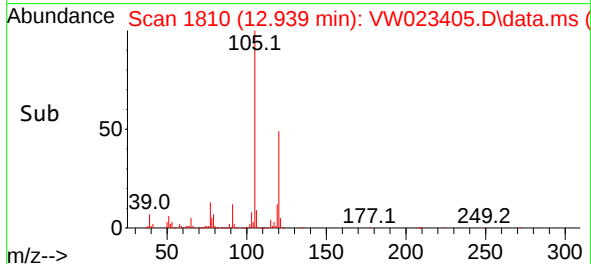
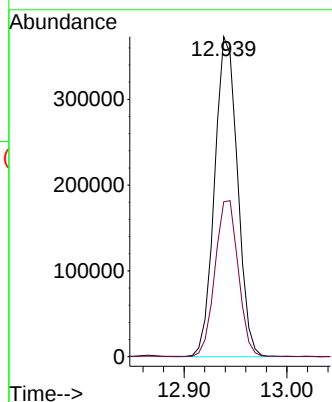
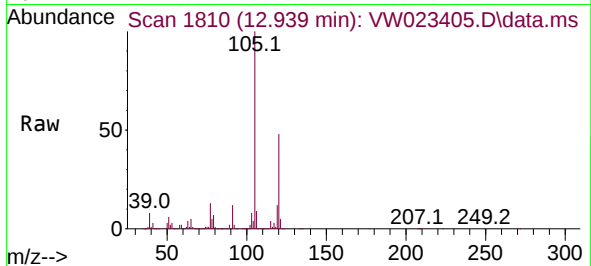




#62
1,3,5-Trimethylbenzene
Concen: 24.272 ug/L
RT: 12.939 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VW023405.D
Acq: 06 Jun 2022 16:29

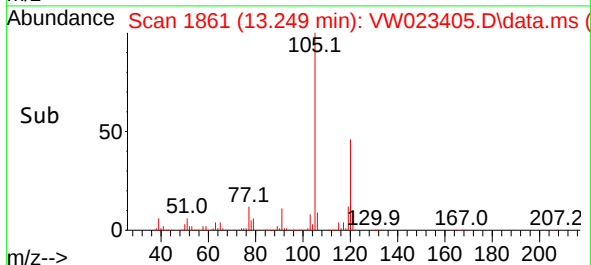
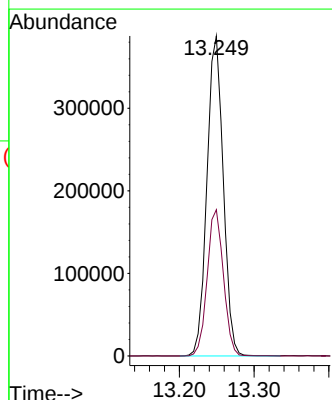
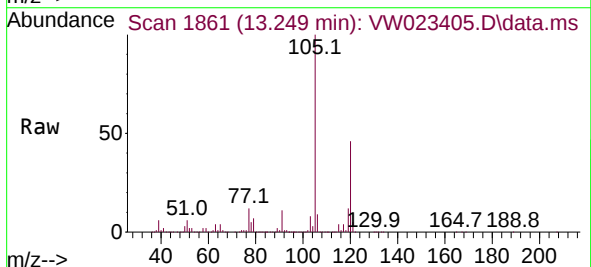
Instrument :
MSVOA_W
ClientSampleId :
VSTD025563

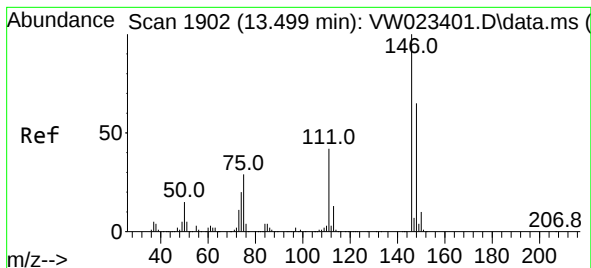
Tgt Ion:105 Resp: 576922
Ion Ratio Lower Upper
105 100
120 49.6 38.9 58.3



#63
1,2,4-Trimethylbenzene
Concen: 24.921 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW023405.D
Acq: 06 Jun 2022 16:29

Tgt Ion:105 Resp: 586277
Ion Ratio Lower Upper
105 100
120 45.4 37.4 56.2





#64

1,3-Dichlorobenzene

Concen: 22.790 ug/L

RT: 13.499 min Scan# 1902

Delta R.T. -0.000 min

Lab File: VW023405.D

Acq: 06 Jun 2022 16:29

Instrument :

MSVOA_W

ClientSampleId :

VSTD025563

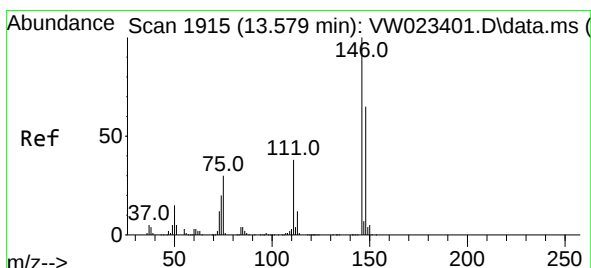
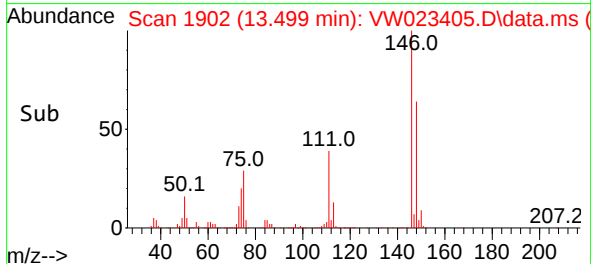
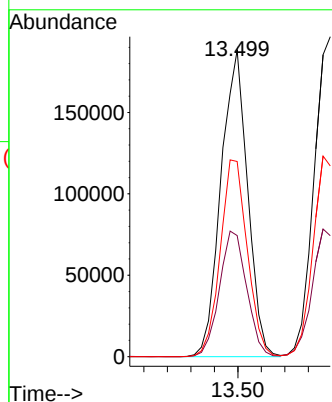
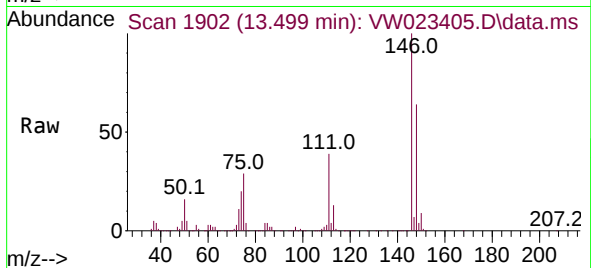
Tgt Ion:146 Resp: 296964

Ion Ratio Lower Upper

146 100

111 39.5 29.5 54.9

148 63.7 48.6 90.2



#65

1,4-Dichlorobenzene

Concen: 23.144 ug/L

RT: 13.579 min Scan# 1915

Delta R.T. -0.000 min

Lab File: VW023405.D

Acq: 06 Jun 2022 16:29

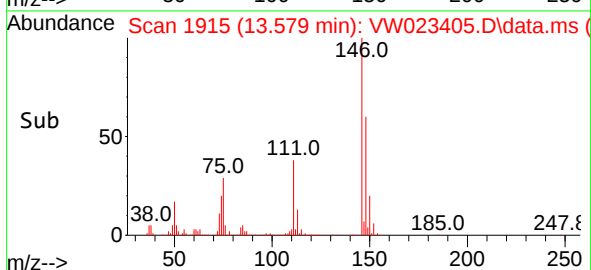
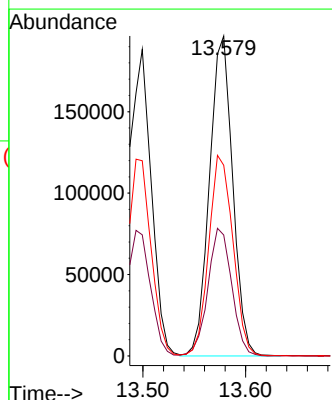
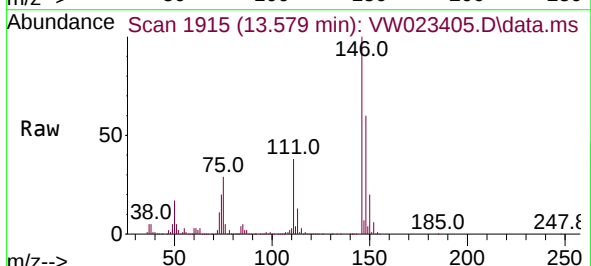
Tgt Ion:146 Resp: 308444

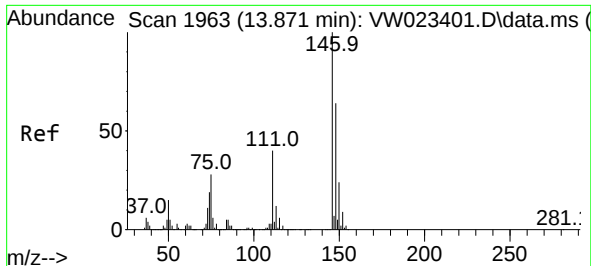
Ion Ratio Lower Upper

146 100

111 37.8 27.2 50.4

148 59.6 44.0 81.6





#67

1,2-Dichlorobenzene

Concen: 24.001 ug/L

RT: 13.871 min Scan# 1963

Delta R.T. -0.000 min

Lab File: VW023405.D

Acq: 06 Jun 2022 16:29

Instrument :

MSVOA_W

ClientSampleId :

VSTD025563

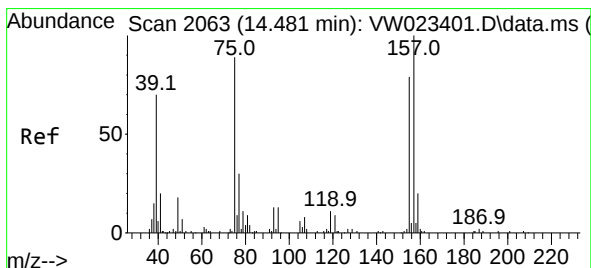
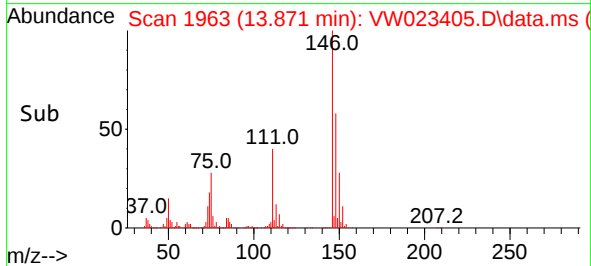
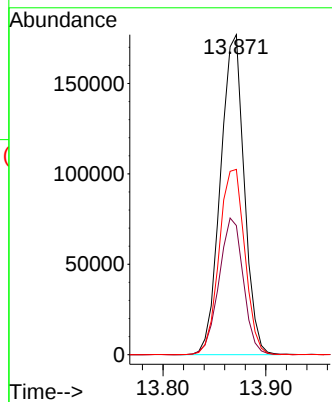
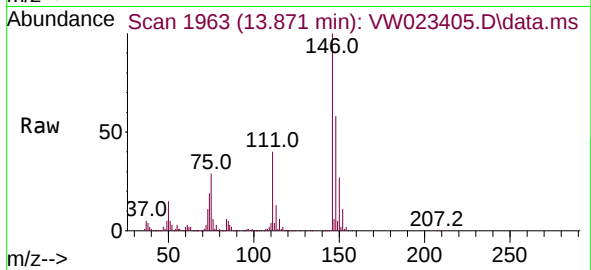
Tgt Ion:146 Resp: 283716

Ion Ratio Lower Upper

146 100

111 40.4 35.7 53.5

148 57.9 52.6 79.0



#68

1,2-Dibromo-3-chloropropane

Concen: 25.866 ug/L

RT: 14.475 min Scan# 2062

Delta R.T. -0.006 min

Lab File: VW023405.D

Acq: 06 Jun 2022 16:29

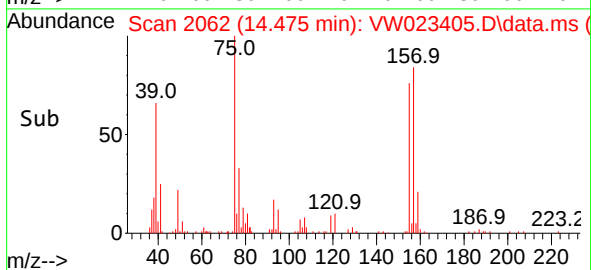
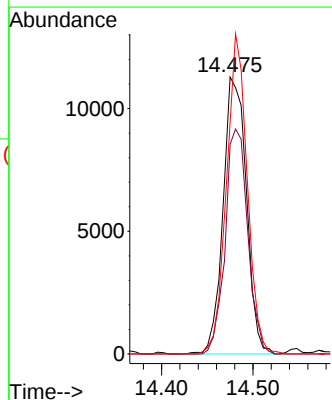
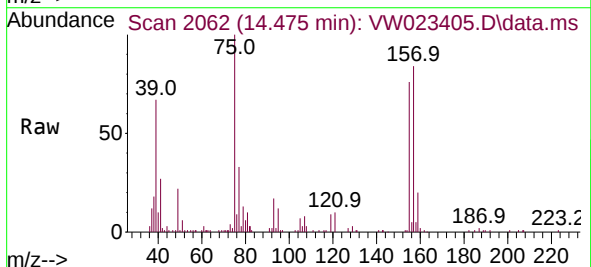
Tgt Ion: 75 Resp: 19938

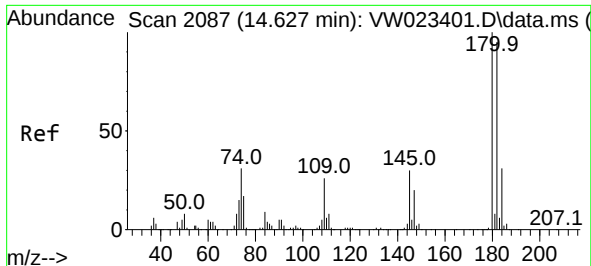
Ion Ratio Lower Upper

75 100

155 75.7 59.3 88.9

157 83.6 89.8 134.8#





#69

1,3,5-Trichlorobenzene

Concen: 23.613 ug/L

RT: 14.627 min Scan# 2087

Delta R.T. -0.000 min

Lab File: VW023405.D

Acq: 06 Jun 2022 16:29

Instrument :

MSVOA_W

ClientSampleId :

VSTD025563

Tgt Ion:180 Resp: 203454

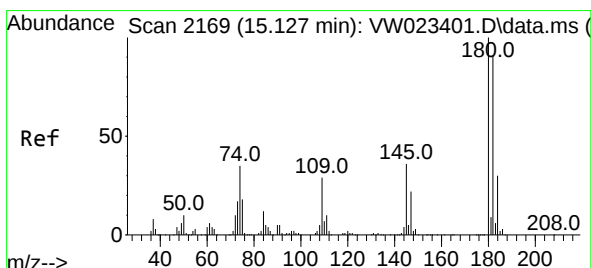
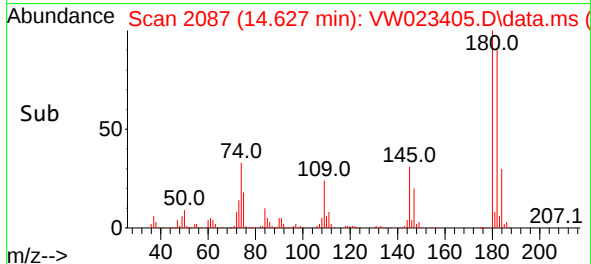
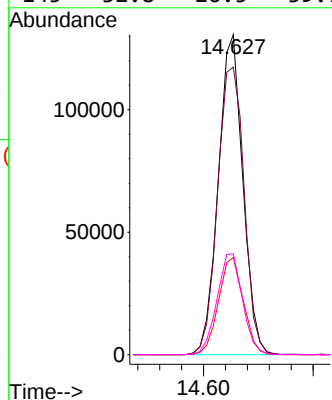
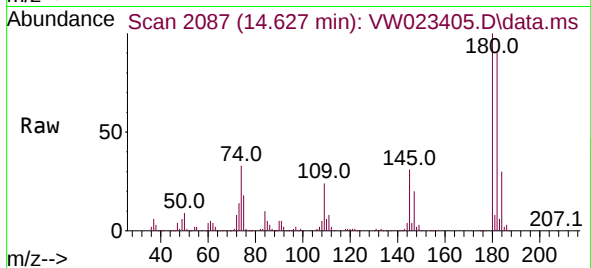
Ion Ratio Lower Upper

180 100

182 97.0 74.8 112.2

184 30.7 23.4 35.2

145 32.8 26.5 39.7



#70

1,2,4-trichlorobenzene

Concen: 24.522 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. -0.000 min

Lab File: VW023405.D

Acq: 06 Jun 2022 16:29

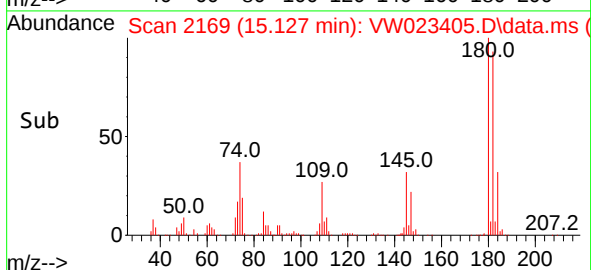
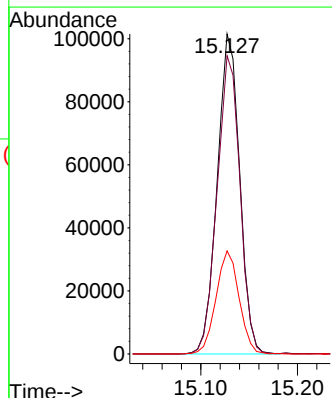
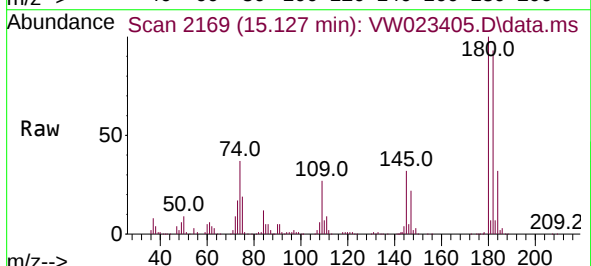
Tgt Ion:180 Resp: 163663

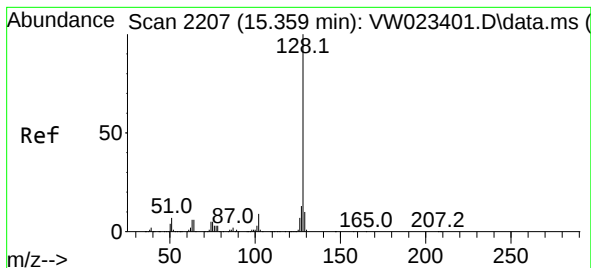
Ion Ratio Lower Upper

180 100

182 94.8 74.9 112.3

145 33.0 26.6 39.8





#71

Naphthalene

Concen: 28.499 ug/L

RT: 15.359 min Scan# 2207

Delta R.T. -0.000 min

Lab File: VW023405.D

Acq: 06 Jun 2022 16:29

Instrument :

MSVOA_W

ClientSampleId :

VSTD025563

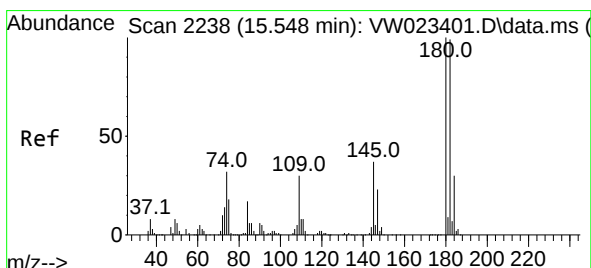
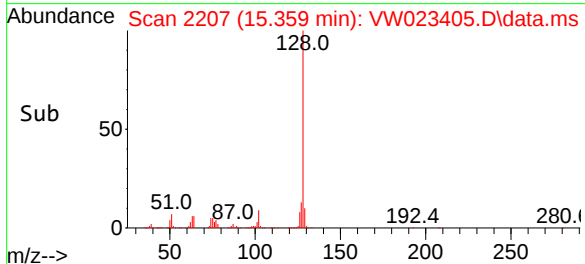
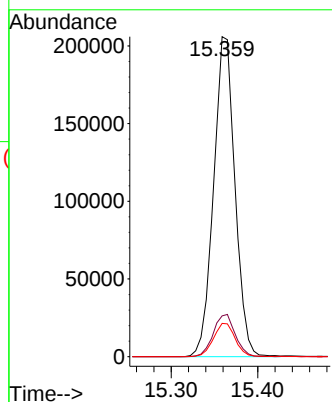
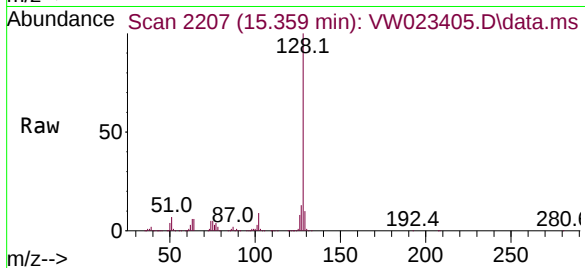
Tgt Ion:128 Resp: 353002

Ion Ratio Lower Upper

128 100

127 13.6 10.6 16.0

129 10.6 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 24.778 ug/L

RT: 15.548 min Scan# 2238

Delta R.T. -0.000 min

Lab File: VW023405.D

Acq: 06 Jun 2022 16:29

Tgt Ion:180 Resp: 143793

Ion Ratio Lower Upper

180 100

182 98.1 73.5 110.3

145 36.0 27.9 41.9

