

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071322\
 Data File : VW023647.D
 Acq On : 13 Jul 2022 14:33
 Operator : SY/VA
 Sample : VSTDCCC25
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025481

Quant Time: Jul 14 01:57:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Jul 14 01:43:33 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	214211	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	220504	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	128963	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	172205	31.475	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 125.920%	
7) Chloroethane-d5	2.879	69	111625	30.583	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 122.320%	
11) 1,1-Dichloroethene-d2	4.019	63	121854	27.351	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 109.400%	
21) 2-Butanone-d5	7.080	46	43082	50.767	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 101.540%	
24) Chloroform-d	7.647	84	166851	26.753	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 107.000%	
26) 1,2-Dichloroethane-d4	8.305	65	102314	26.823	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 107.280%	
32) Benzene-d6	8.275	84	327997	28.615	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 114.440%	
36) 1,2-Dichloropropane-d6	9.275	67	94264	27.301	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 109.200%	
41) Toluene-d8	10.323	98	334350	28.757	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 115.040%	
43) trans-1,3-Dichloroprop...	10.579	79	45804	28.302	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 113.200%	
47) 2-Hexanone-d5	10.921	63	39844	54.879	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 109.760%	
56) 1,1,2,2-Tetrachloroeth...	12.689	84	103196	27.045	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 108.200%	
66) 1,2-Dichlorobenzene-d4	13.853	152	123731	26.876	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 107.520%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.008	85	45524	31.273	ug/L	99
3) Chloromethane	2.215	50	87941	24.669	ug/L	99
5) Vinyl chloride	2.355	62	153968	25.152	ug/L	97
6) Bromomethane	2.770	94	90344	22.817	ug/L	94
8) Chloroethane	2.916	64	73906	25.807	ug/L	99
9) Trichlorofluoromethane	3.245	101	57558	20.685	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.050	101	35103	12.891	ug/L #	34
12) 1,1-Dichloroethene	4.038	96	53908	23.741	ug/L	91
13) Acetone	4.123	43	24240	40.401	ug/L	96
14) Carbon disulfide	4.385	76	148861	22.286	ug/L	99
15) Methyl Acetate	4.672	43	29691	22.111	ug/L	98
16) Methylene chloride	4.916	84	67352	20.107	ug/L	92
17) trans-1,2-Dichloroethene	5.422	96	62628	22.732	ug/L	99
18) Methyl tert-butyl Ether	5.428	73	104931	24.618	ug/L	98
19) 1,1-Dichloroethane	6.214	63	122505	24.106	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	75001	24.573	ug/L #	97
22) 2-Butanone	7.171	43	45971	46.623	ug/L	100
23) Bromochloromethane	7.513	128	35181	23.994	ug/L	93
25) Chloroform	7.677	83	141168	24.112	ug/L	94

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071322\
 Data File : VW023647.D
 Acq On : 13 Jul 2022 14:33
 Operator : SY/VA
 Sample : VSTDCCC25
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025481

Quant Time: Jul 14 01:57:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Jul 14 01:43:33 2022
 Response via : Initial Calibration

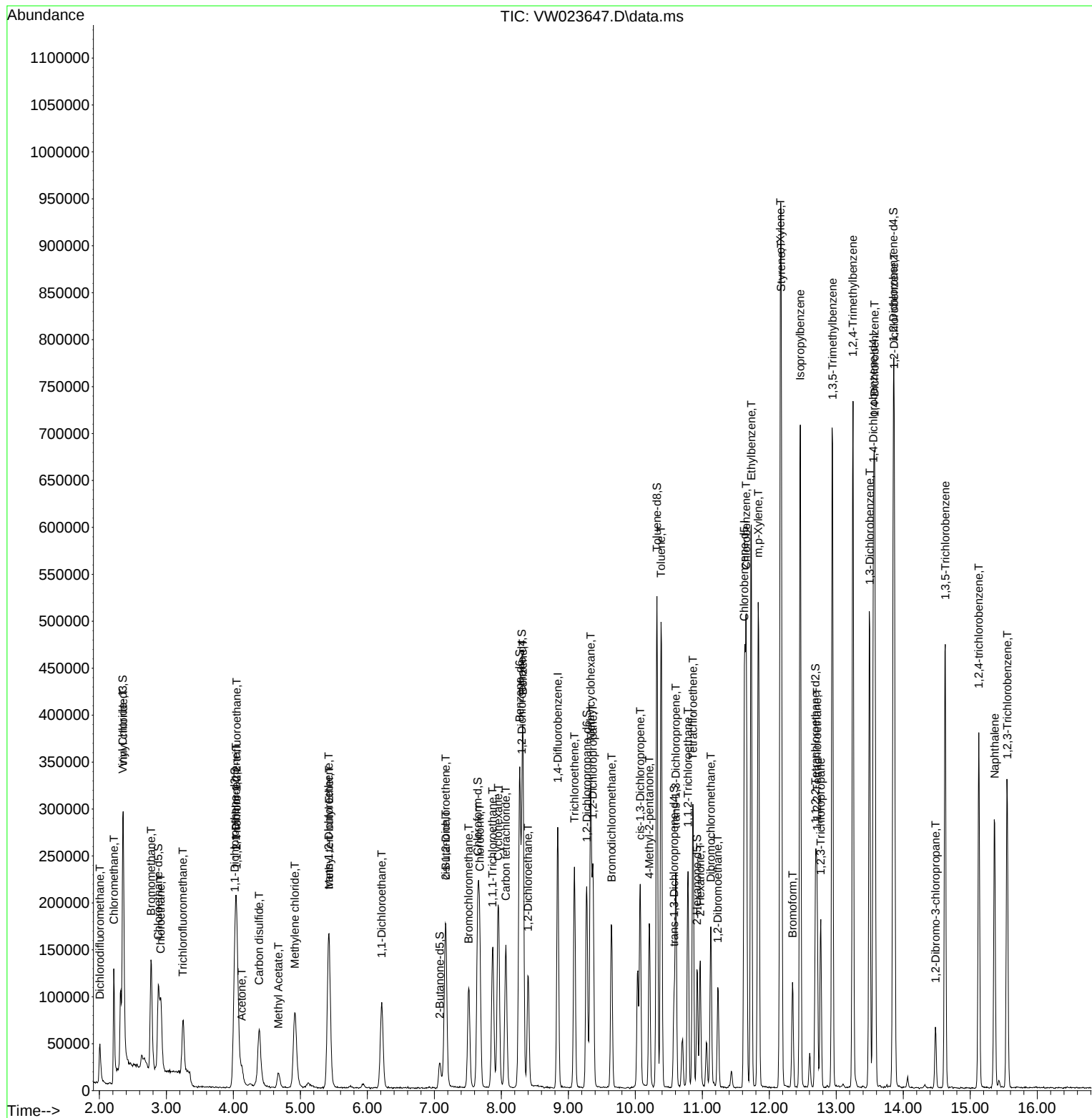
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	105042	24.378	ug/L	98
29) Cyclohexane	7.952	56	96494	23.927	ug/L	98
30) 1,1,1-Trichloroethane	7.866	97	114576	23.998	ug/L	99
31) Carbon tetrachloride	8.068	117	104185	24.207	ug/L	99
33) Benzene	8.324	78	304006	24.261	ug/L	100
34) Trichloroethene	9.092	95	76947	23.254	ug/L	89
35) Methylcyclohexane	9.336	83	120884	23.991	ug/L	99
37) 1,2-Dichloropropane	9.366	63	76828	24.456	ug/L	98
38) Bromodichloromethane	9.646	83	110553	25.215	ug/L	94
39) cis-1,3-Dichloropropene	10.073	75	118439	25.014	ug/L	97
40) 4-Methyl-2-pentanone	10.207	43	109373	50.032	ug/L	99
42) Toluene	10.384	91	354359	24.797	ug/L	98
44) trans-1,3-Dichloropropene	10.604	75	114343	25.407	ug/L	98
45) 1,1,2-Trichloroethane	10.787	97	65676	23.909	ug/L	94
46) Tetrachloroethene	10.860	164	60962	23.827	ug/L	89
48) 2-Hexanone	10.969	43	79039	49.660	ug/L	98
49) Dibromochloromethane	11.128	129	75921	23.833	ug/L	82
50) 1,2-Dibromoethane	11.232	107	64801	24.555	ug/L	96
51) Chlorobenzene	11.652	112	234021	24.281	ug/L	98
52) Ethylbenzene	11.731	91	409702	25.229	ug/L	97
53) m,p-Xylene	11.835	106	158136	24.959	ug/L	97
54) o-Xylene	12.164	106	155409	25.541	ug/L	89
55) Styrene	12.177	104	285873	26.594	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.713	83	93839	25.045	ug/L	93
59) Bromoform	12.347	173	44169	23.227	ug/L	99
60) Isopropylbenzene	12.463	105	440758	25.443	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	66924	23.667	ug/L	99
62) 1,3,5-Trimethylbenzene	12.945	105	362755	25.577	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	372460	26.266	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	186189	23.672	ug/L	95
65) 1,4-Dichlorobenzene	13.573	146	200378	23.946	ug/L	99
67) 1,2-Dichlorobenzene	13.865	146	184220	24.834	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	16022	24.566	ug/L	90
69) 1,3,5-Trichlorobenzene	14.627	180	125416	24.090	ug/L	92
70) 1,2,4-trichlorobenzene	15.127	180	98175	24.421	ug/L	100
71) Naphthalene	15.365	128	228830	26.536	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	92857	24.782	ug/L	98

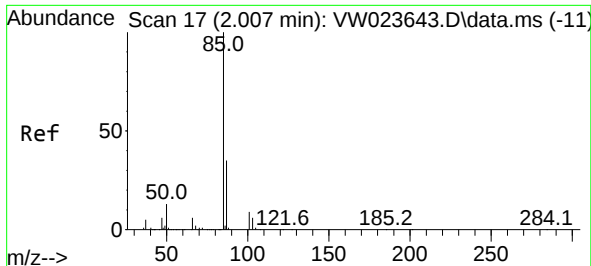
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071322\
 Data File : VW023647.D
 Acq On : 13 Jul 2022 14:33
 Operator : SY/VA
 Sample : VSTDCC25
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025481

Quant Time: Jul 14 01:57:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Jul 14 01:43:33 2022
 Response via : Initial Calibration

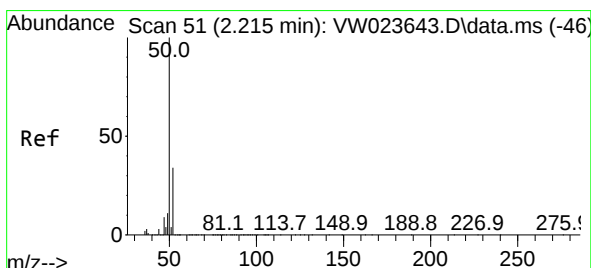
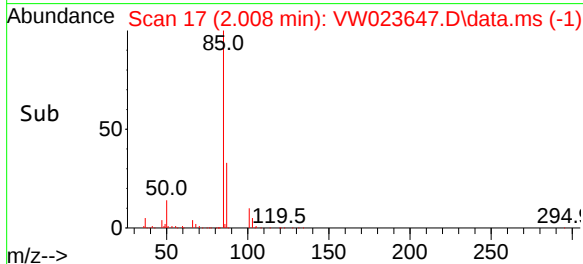
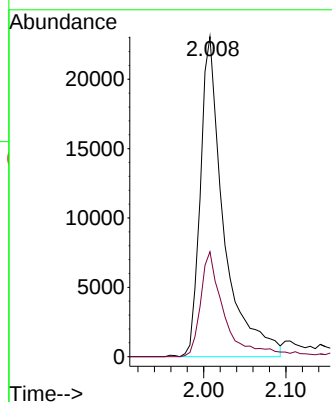
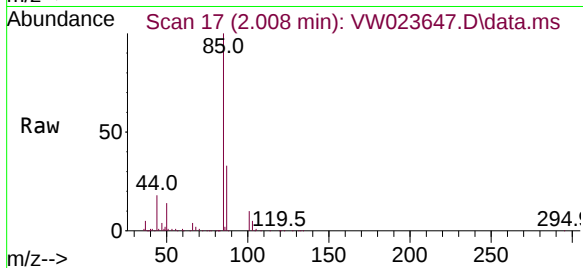




#2
 Dichlorodifluoromethane
 Concen: 31.273 ug/L
 RT: 2.008 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VW023647.D
 Acq: 13 Jul 2022 14:33

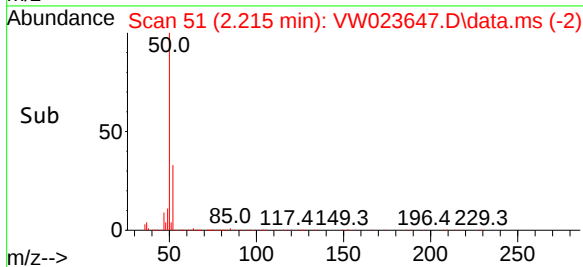
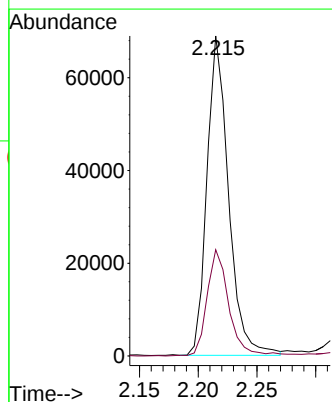
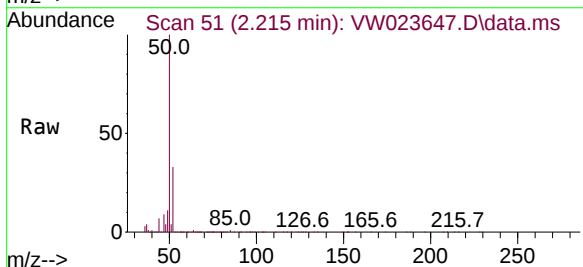
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025481

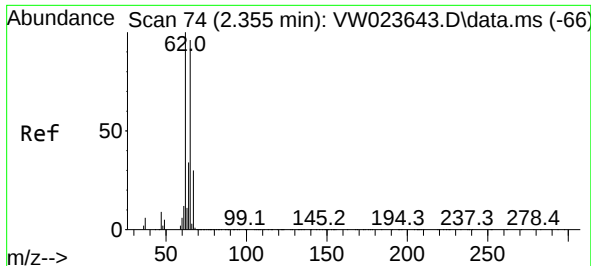
Tgt Ion: 85 Resp: 45524
 Ion Ratio Lower Upper
 85 100
 87 31.6 24.7 37.1



#3
 Chloromethane
 Concen: 24.669 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VW023647.D
 Acq: 13 Jul 2022 14:33

Tgt Ion: 50 Resp: 87941
 Ion Ratio Lower Upper
 50 100
 52 33.2 23.7 44.1

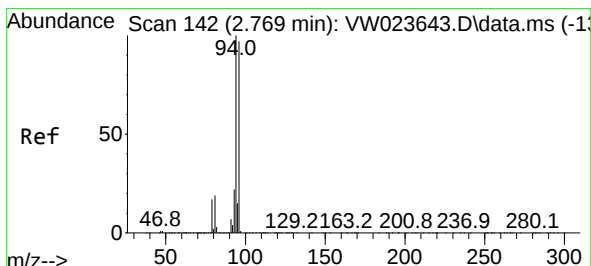
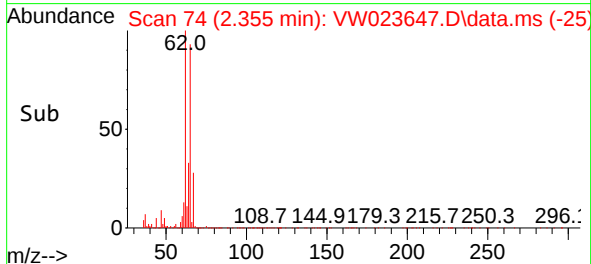
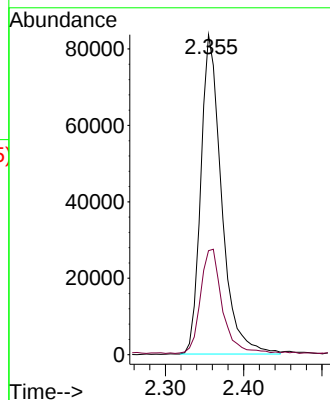
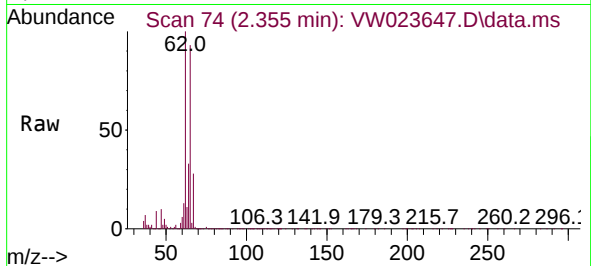




#5
Vinyl chloride
Concen: 25.152 ug/L
RT: 2.355 min Scan# 74
Delta R.T. 0.000 min
Lab File: VW023647.D
Acq: 13 Jul 2022 14:33

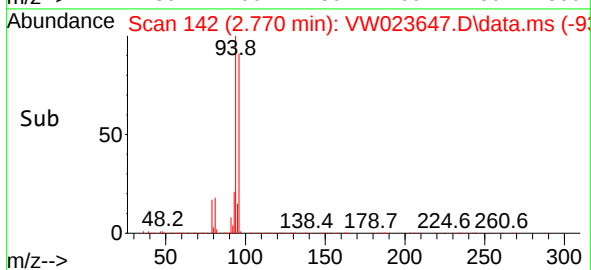
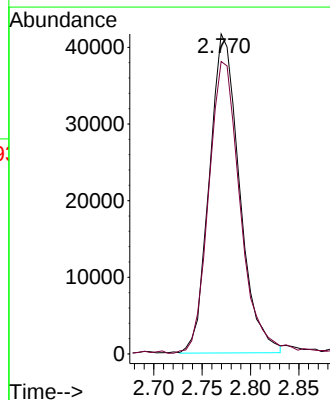
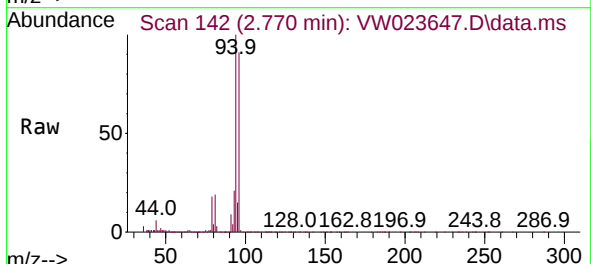
Instrument :
MSVOA_W
ClientSampleId :
VSTD025481

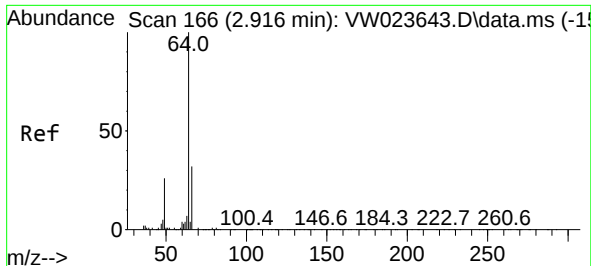
Tgt Ion: 62 Resp: 153968
Ion Ratio Lower Upper
62 100
64 32.5 24.0 44.6



#6
Bromomethane
Concen: 22.817 ug/L
RT: 2.770 min Scan# 142
Delta R.T. 0.000 min
Lab File: VW023647.D
Acq: 13 Jul 2022 14:33

Tgt Ion: 94 Resp: 90344
Ion Ratio Lower Upper
94 100
96 91.4 68.2 126.6

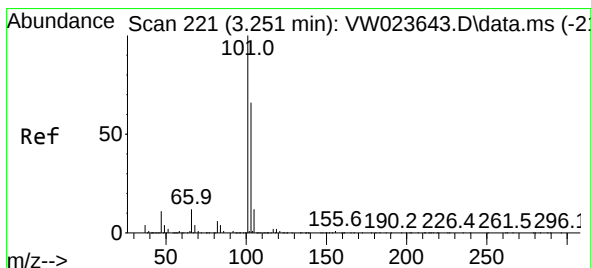
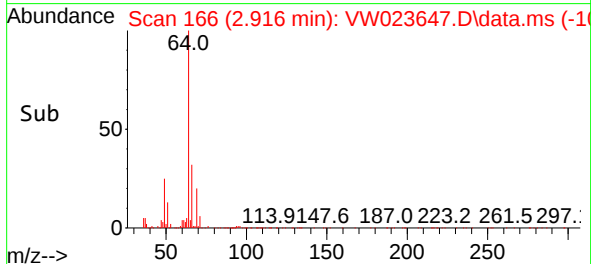
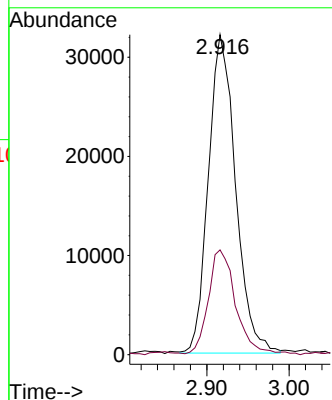
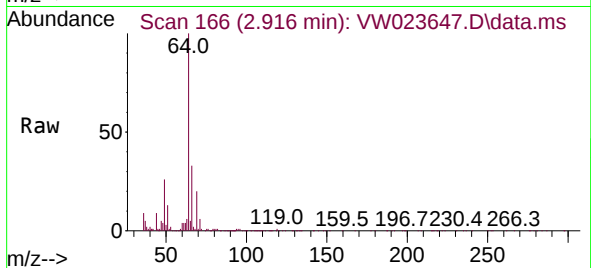




#8
Chloroethane
Concen: 25.807 ug/L
RT: 2.916 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW023647.D
Acq: 13 Jul 2022 14:33

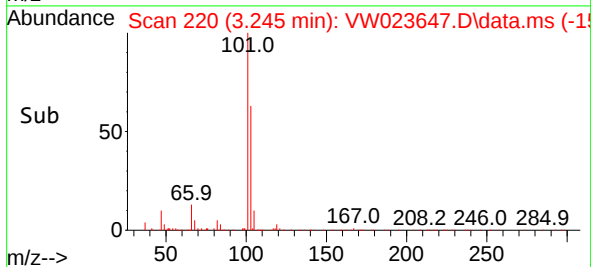
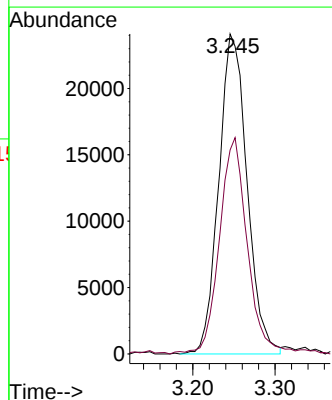
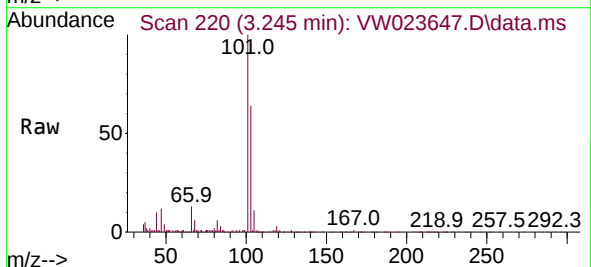
Instrument :
MSVOA_W
ClientSampleId :
VSTD025481

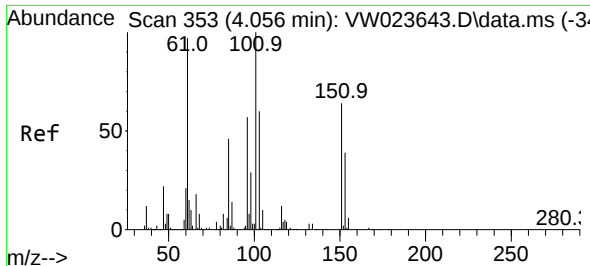
Tgt Ion: 64 Resp: 73906
Ion Ratio Lower Upper
64 100
66 32.7 22.4 41.6



#9
Trichlorofluoromethane
Concen: 20.685 ug/L
RT: 3.245 min Scan# 220
Delta R.T. -0.006 min
Lab File: VW023647.D
Acq: 13 Jul 2022 14:33

Tgt Ion: 101 Resp: 57558
Ion Ratio Lower Upper
101 100
103 65.4 52.1 78.1

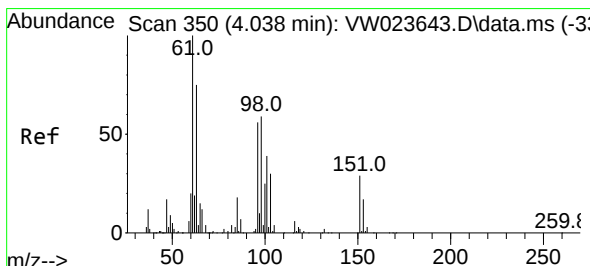
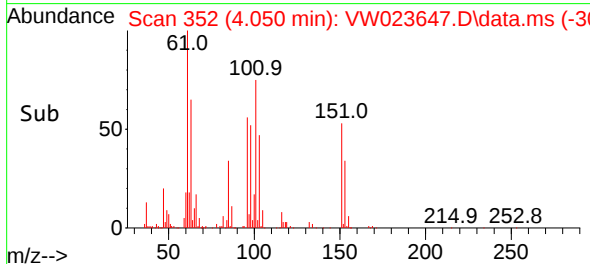
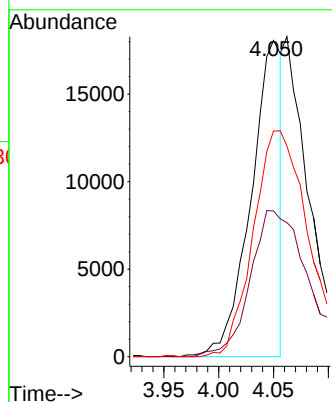
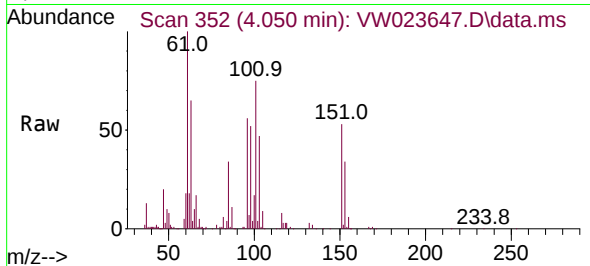




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 12.891 ug/L
 RT: 4.050 min Scan# 351
 Delta R.T. -0.006 min
 Lab File: VW023647.D
 Acq: 13 Jul 2022 14:33

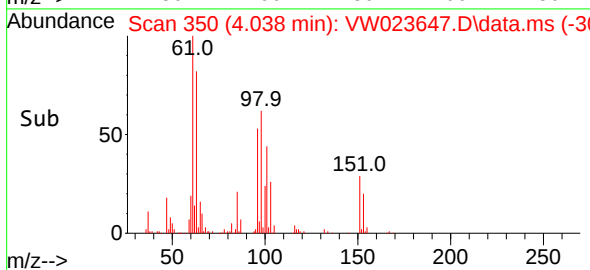
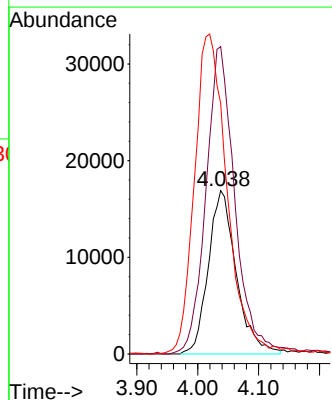
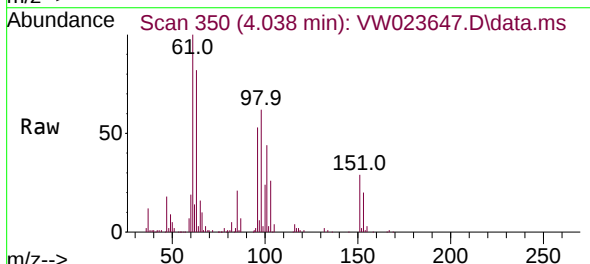
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025481

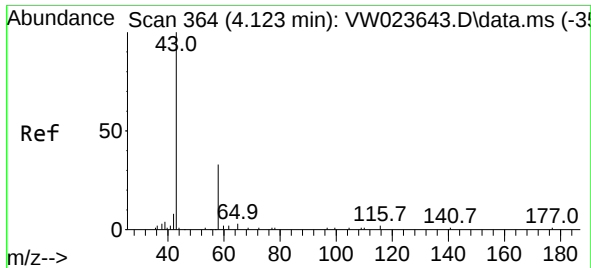
Tgt Ion:101 Resp: 35103
 Ion Ratio Lower Upper
 101 100
 85 86.2 37.6 56.4#
 151 130.9 57.6 86.4#



#12
 1,1-Dichloroethene
 Concen: 23.741 ug/L
 RT: 4.038 min Scan# 350
 Delta R.T. 0.000 min
 Lab File: VW023647.D
 Acq: 13 Jul 2022 14:33

Tgt Ion: 96 Resp: 53908
 Ion Ratio Lower Upper
 96 100
 61 188.1 125.4 232.8
 63 153.5 97.4 180.8





#13

Acetone

Concen: 40.401 ug/L

RT: 4.123 min Scan# 364

Delta R.T. 0.000 min

Lab File: VW023647.D

Acq: 13 Jul 2022 14:33

Instrument :

MSVOA_W

ClientSampleId :

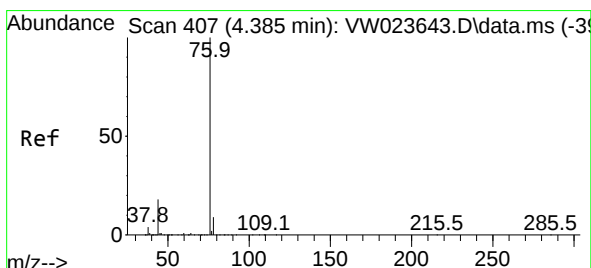
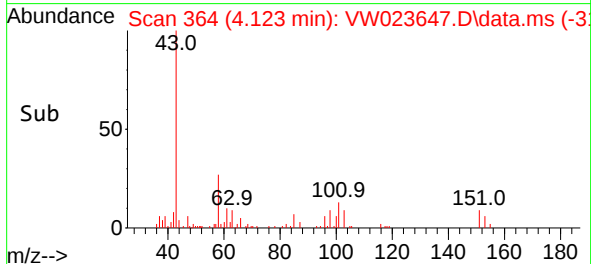
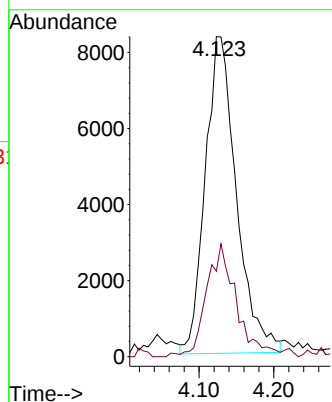
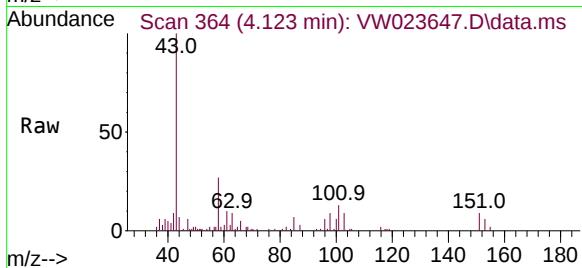
VSTD025481

Tgt Ion: 43 Resp: 24240

Ion Ratio Lower Upper

43 100

58 29.7 0.0 64.2



#14

Carbon disulfide

Concen: 22.286 ug/L

RT: 4.385 min Scan# 407

Delta R.T. 0.000 min

Lab File: VW023647.D

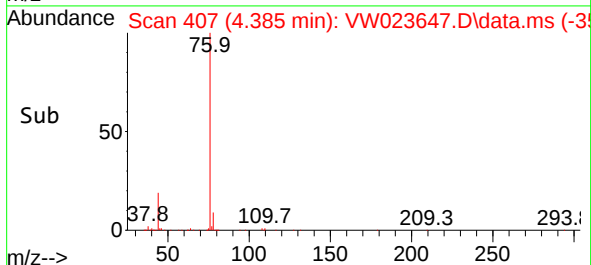
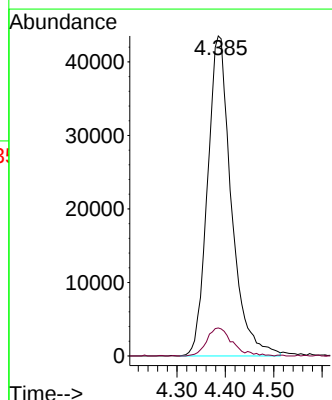
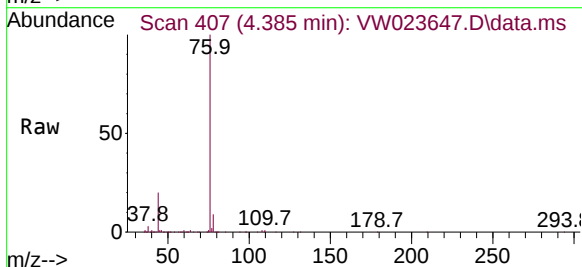
Acq: 13 Jul 2022 14:33

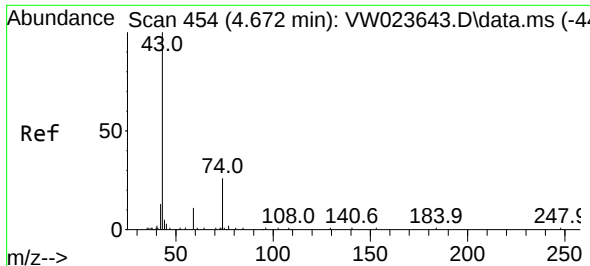
Tgt Ion: 76 Resp: 148861

Ion Ratio Lower Upper

76 100

78 8.7 7.2 10.8

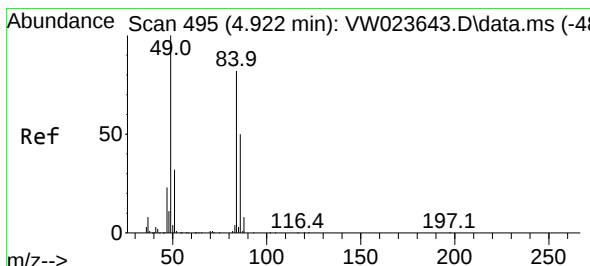
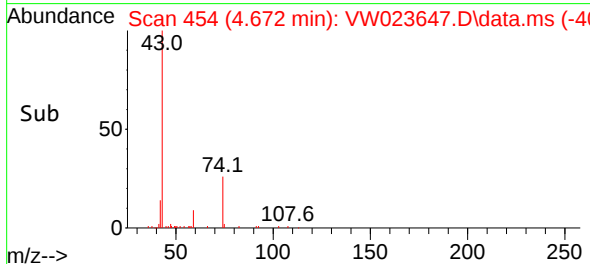
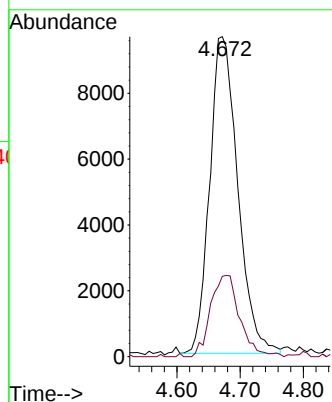
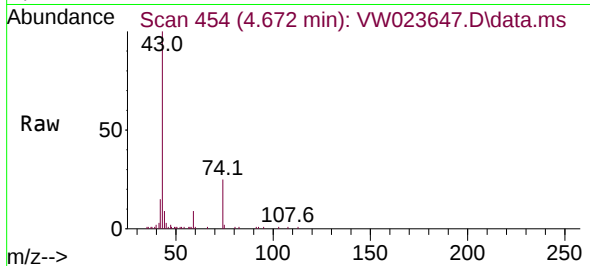




#15
Methyl Acetate
Concen: 22.111 ug/L
RT: 4.672 min Scan# 41
Delta R.T. 0.000 min
Lab File: VW023647.D
Acq: 13 Jul 2022 14:33

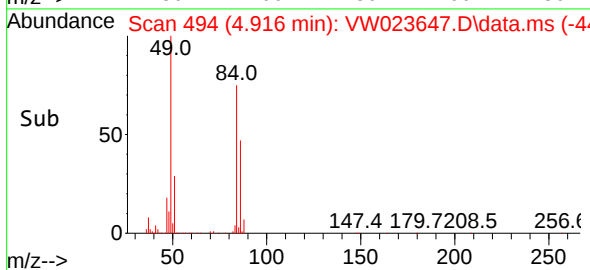
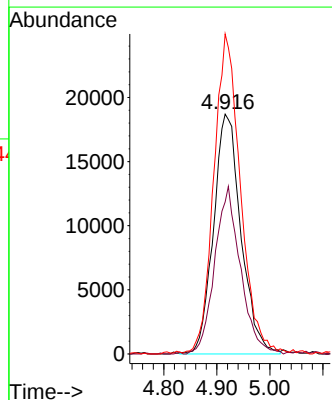
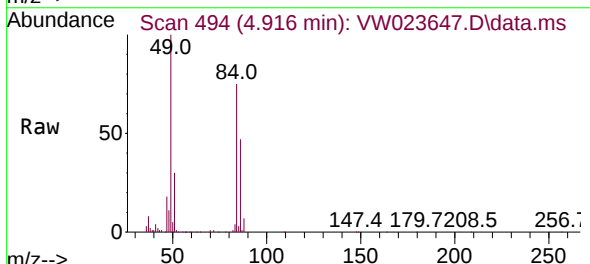
Instrument :
MSVOA_W
ClientSampleId :
VSTD025481

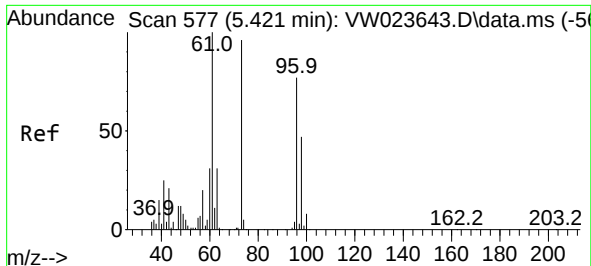
Tgt Ion: 43 Resp: 29691
Ion Ratio Lower Upper
43 100
74 26.2 20.0 30.0



#16
Methylene chloride
Concen: 20.107 ug/L
RT: 4.916 min Scan# 494
Delta R.T. -0.006 min
Lab File: VW023647.D
Acq: 13 Jul 2022 14:33

Tgt Ion: 84 Resp: 67352
Ion Ratio Lower Upper
84 100
86 63.4 42.8 79.6
49 133.5 85.4 158.6

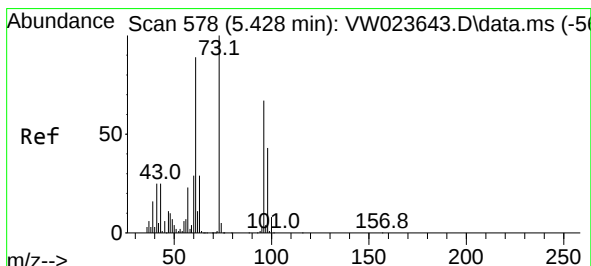
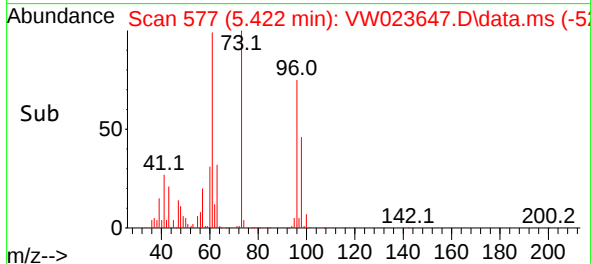
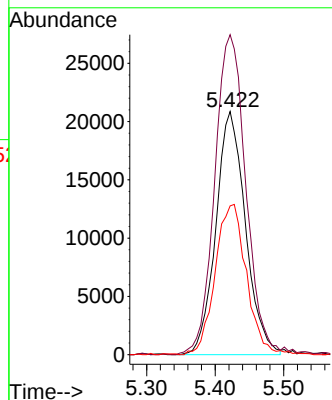
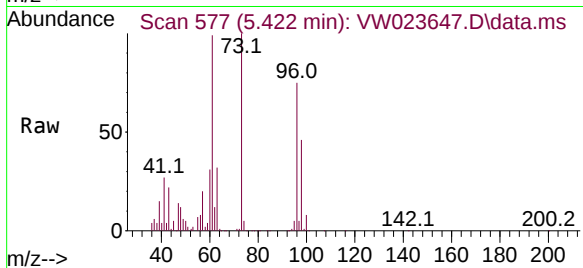




#17
trans-1,2-Dichloroethene
Concen: 22.732 ug/L
RT: 5.422 min Scan# 577
Delta R.T. 0.000 min
Lab File: VW023647.D
Acq: 13 Jul 2022 14:33

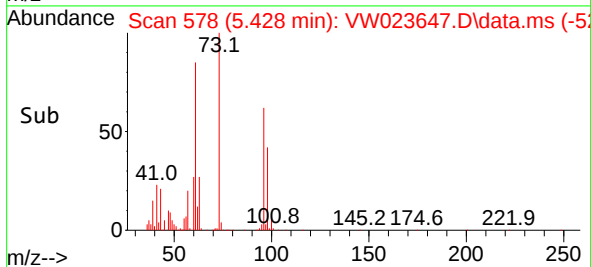
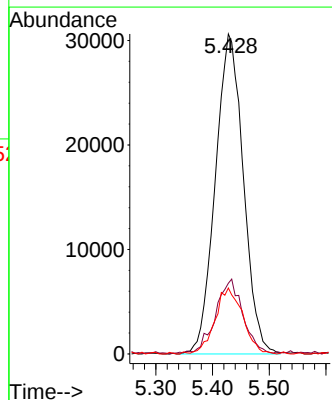
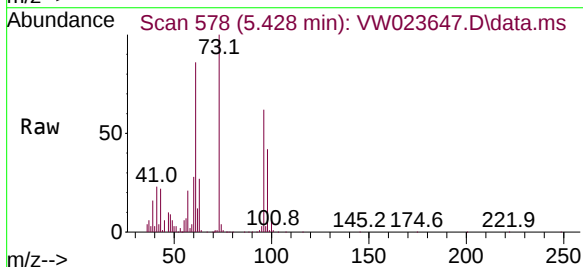
Instrument :
MSVOA_W
ClientSampleId :
VSTD025481

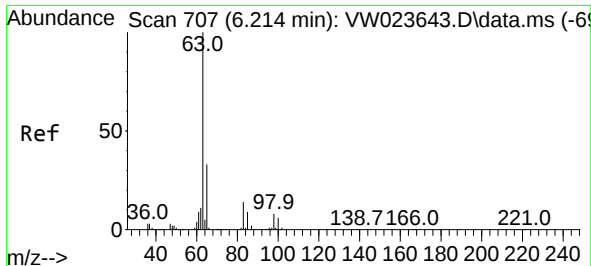
Tgt Ion: 96 Resp: 62628
Ion Ratio Lower Upper
96 100
61 131.5 90.8 168.6
98 61.2 42.8 79.6



#18
Methyl tert-butyl Ether
Concen: 24.618 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.000 min
Lab File: VW023647.D
Acq: 13 Jul 2022 14:33

Tgt Ion: 73 Resp: 104931
Ion Ratio Lower Upper
73 100
43 21.0 17.6 26.4
57 20.3 16.8 25.2





#19

1,1-Dichloroethane

Concen: 24.106 ug/L

RT: 6.214 min Scan# 707

Delta R.T. 0.000 min

Lab File: VW023647.D

Acq: 13 Jul 2022 14:33

Instrument :

MSVOA_W

ClientSampleId :

VSTD025481

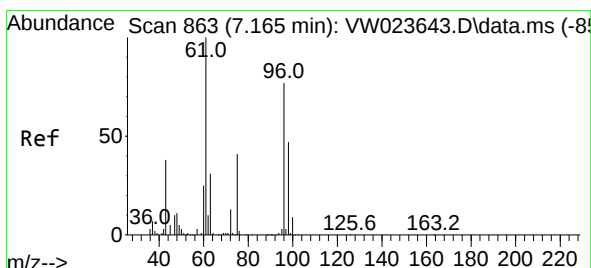
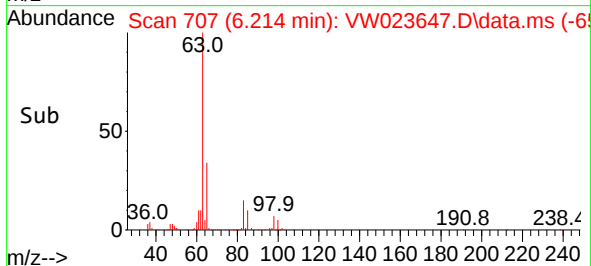
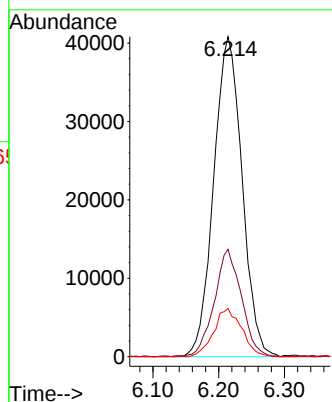
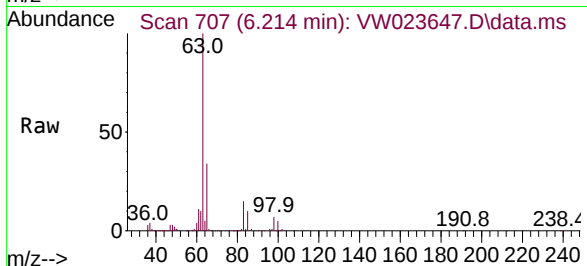
Tgt Ion: 63 Resp: 122505

Ion Ratio Lower Upper

63 100

65 33.6 22.7 42.1

83 15.0 9.7 18.1



#20

cis-1,2-Dichloroethene

Concen: 24.573 ug/L

RT: 7.171 min Scan# 864

Delta R.T. 0.006 min

Lab File: VW023647.D

Acq: 13 Jul 2022 14:33

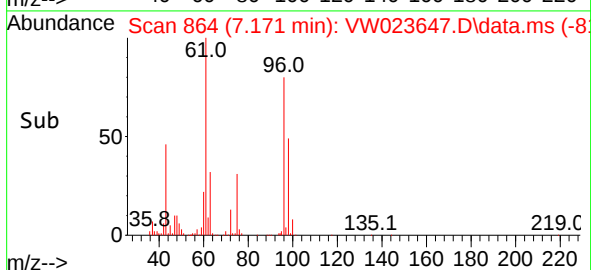
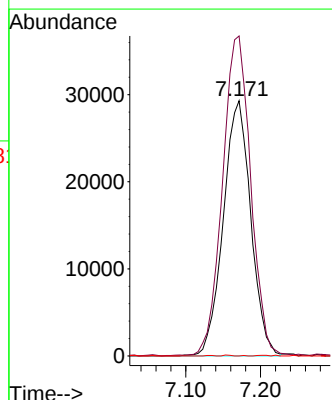
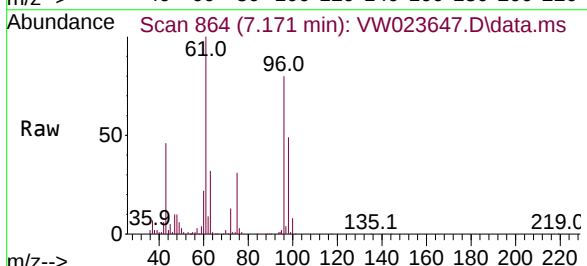
Tgt Ion: 96 Resp: 75001

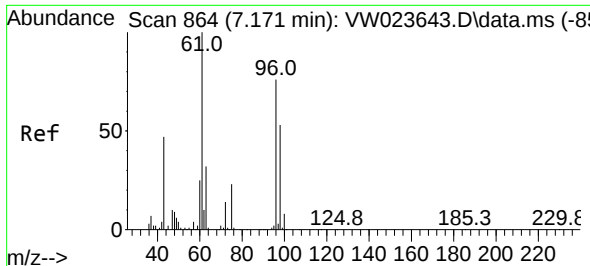
Ion Ratio Lower Upper

96 100

61 125.4 90.6 168.2

68 0.4 0.2 0.4

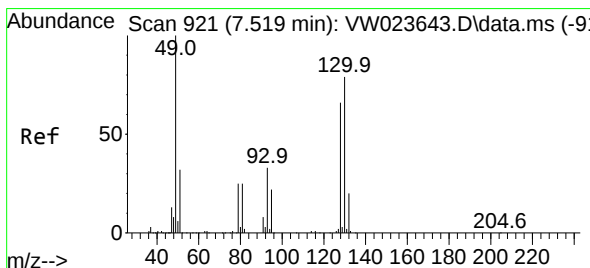
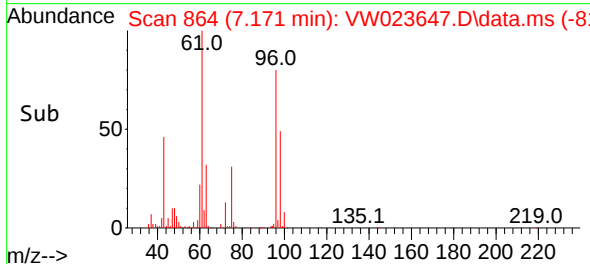
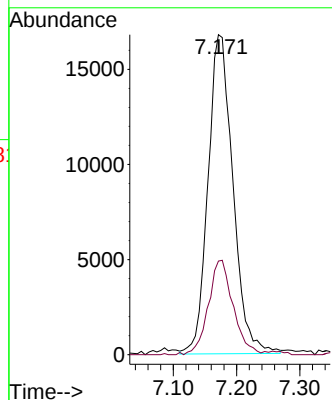
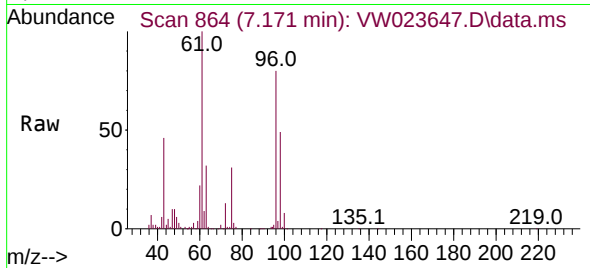




#22
2-Butanone
Concen: 46.623 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW023647.D
Acq: 13 Jul 2022 14:33

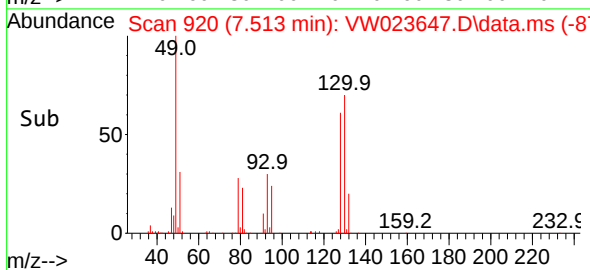
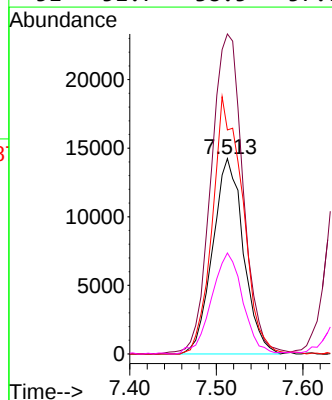
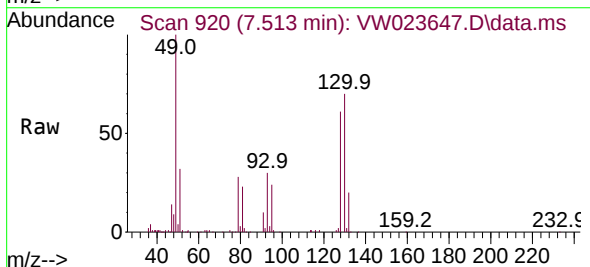
Instrument :
MSVOA_W
ClientSampleId :
VSTD025481

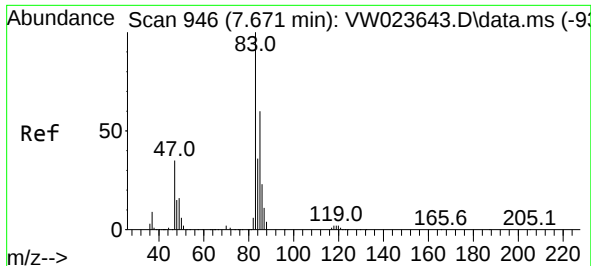
Tgt Ion: 43 Resp: 45971
Ion Ratio Lower Upper
43 100
72 29.3 14.7 44.1



#23
Bromochloromethane
Concen: 23.994 ug/L
RT: 7.513 min Scan# 920
Delta R.T. -0.006 min
Lab File: VW023647.D
Acq: 13 Jul 2022 14:33

Tgt Ion: 128 Resp: 35181
Ion Ratio Lower Upper
128 100
49 163.8 106.0 196.8
130 114.6 83.2 154.4
51 51.7 38.5 57.7

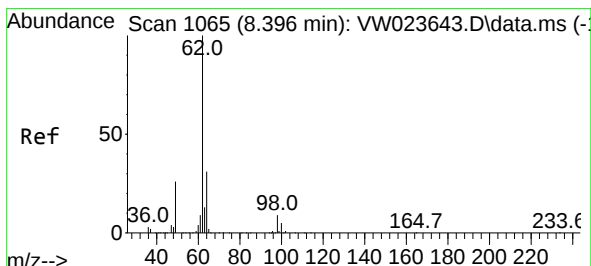
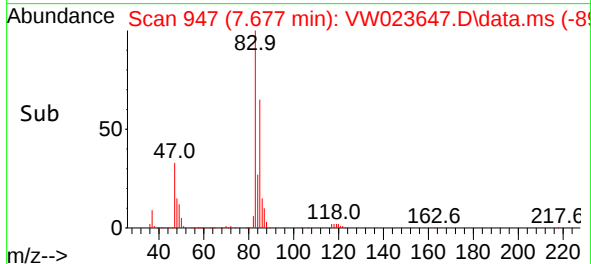
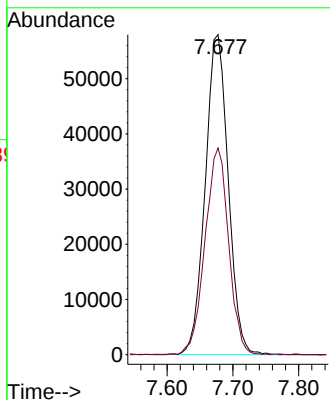
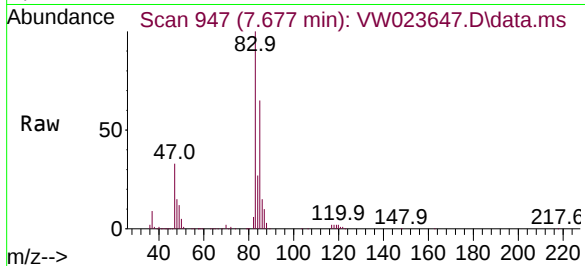




#25
Chloroform
Concen: 24.112 ug/L
RT: 7.677 min Scan# 946
Delta R.T. 0.006 min
Lab File: VW023647.D
Acq: 13 Jul 2022 14:33

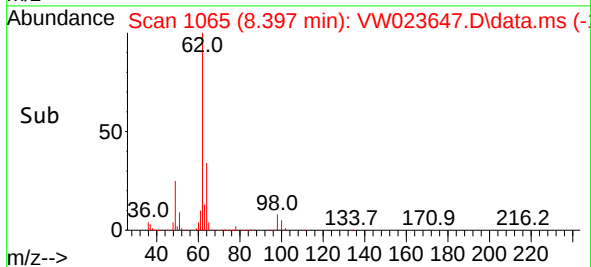
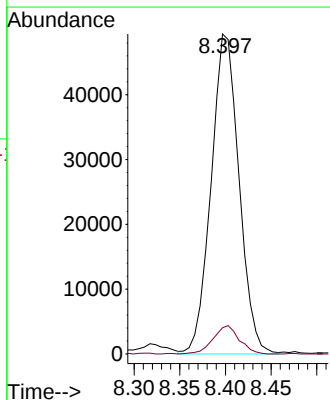
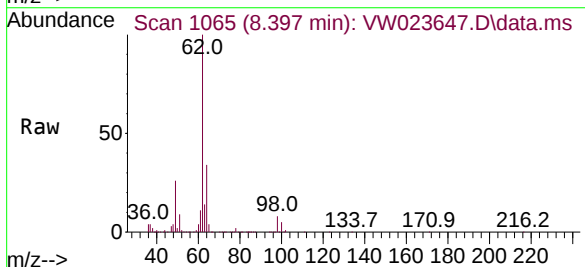
Instrument :
MSVOA_W
ClientSampleId :
VSTD025481

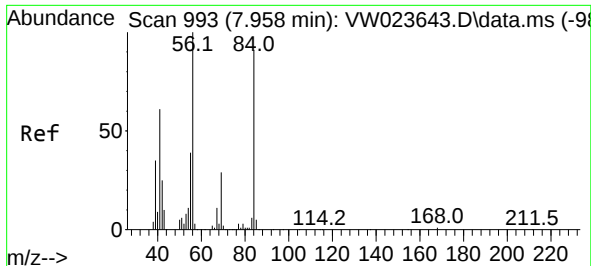
Tgt Ion: 83 Resp: 141168
Ion Ratio Lower Upper
83 100
85 64.6 41.9 77.9



#27
1,2-Dichloroethane
Concen: 24.378 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VW023647.D
Acq: 13 Jul 2022 14:33

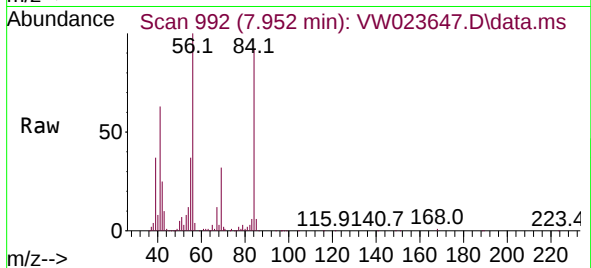
Tgt Ion: 62 Resp: 105042
Ion Ratio Lower Upper
62 100
98 8.2 7.2 10.8



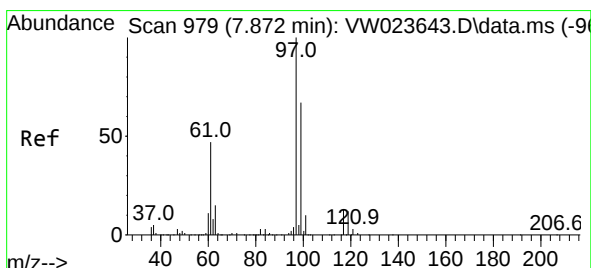
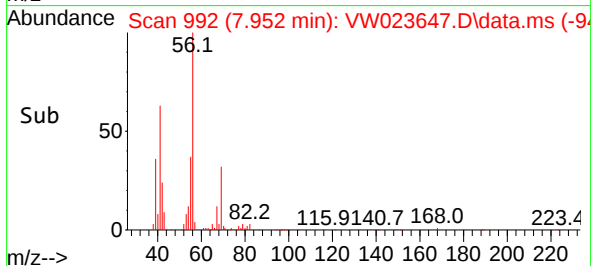
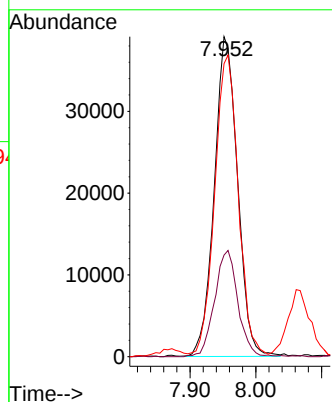


#29
Cyclohexane
Concen: 23.927 ug/L
RT: 7.952 min Scan# 992
Delta R.T. -0.006 min
Lab File: VW023647.D
Acq: 13 Jul 2022 14:33

Instrument :
MSVOA_W
ClientSampleId :
VSTD025481

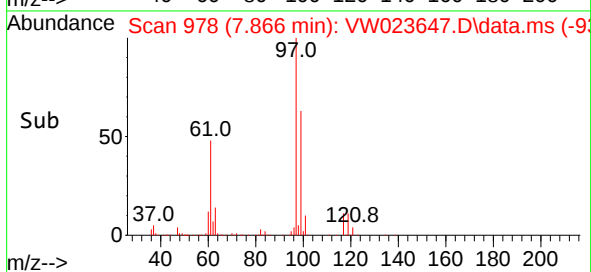
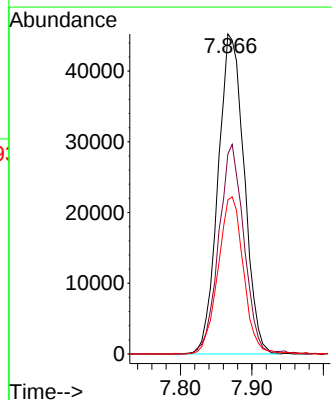
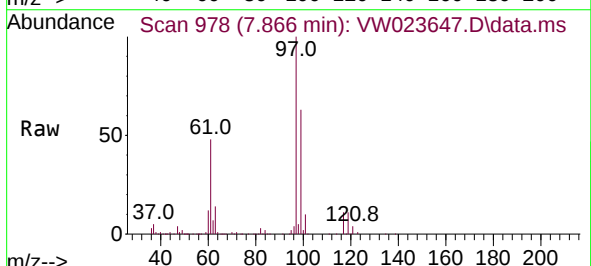


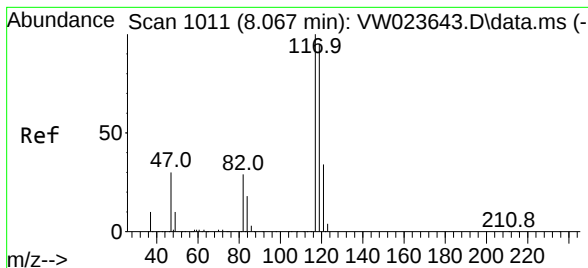
Tgt Ion:	56	Resp:	96494
Ion Ratio	Lower	Upper	
56	100		
69	32.9	25.4	38.0
84	95.9	75.0	112.4



#30
1,1,1-Trichloroethane
Concen: 23.998 ug/L
RT: 7.866 min Scan# 978
Delta R.T. -0.006 min
Lab File: VW023647.D
Acq: 13 Jul 2022 14:33

Tgt Ion:	97	Resp:	114576
Ion Ratio	Lower	Upper	
97	100		
99	63.0	51.0	76.6
61	47.7	37.5	56.3

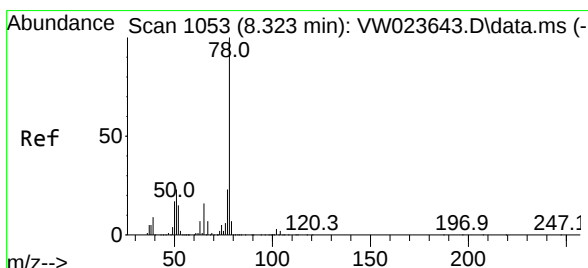
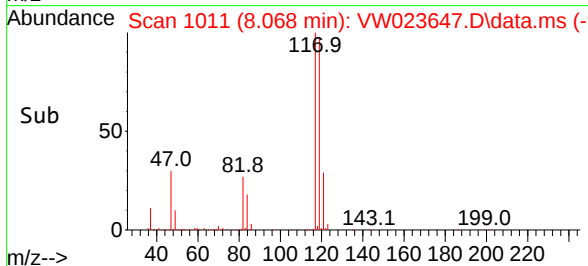
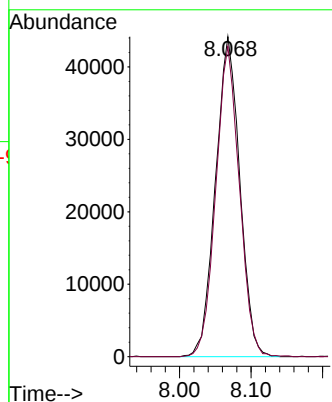
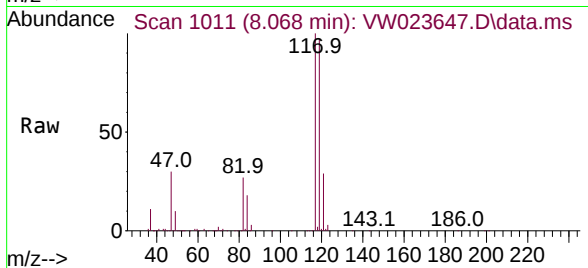




#31
Carbon tetrachloride
Concen: 24.207 ug/L
RT: 8.068 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW023647.D
Acq: 13 Jul 2022 14:33

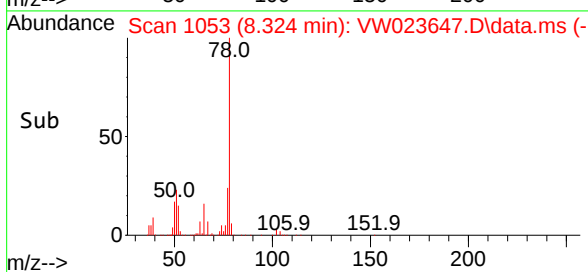
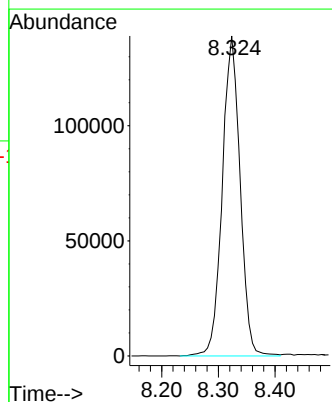
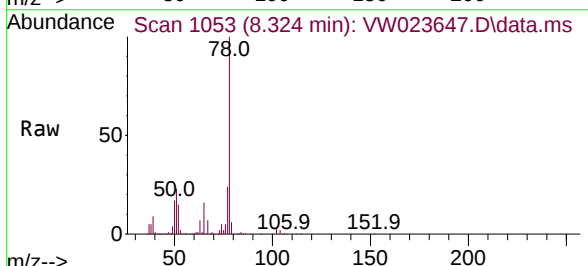
Instrument :
MSVOA_W
ClientSampleId :
VSTD025481

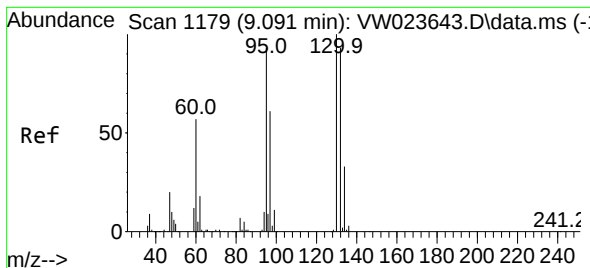
Tgt Ion:117 Resp: 104185
Ion Ratio Lower Upper
117 100
119 94.0 75.7 113.5



#33
Benzene
Concen: 24.261 ug/L
RT: 8.324 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW023647.D
Acq: 13 Jul 2022 14:33

Tgt Ion: 78 Resp: 304006





#34

Trichloroethene

Concen: 23.254 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VW023647.D

Acq: 13 Jul 2022 14:33

Instrument :

MSVOA_W

ClientSampleId :

VSTD025481

Tgt Ion: 95 Resp: 76947

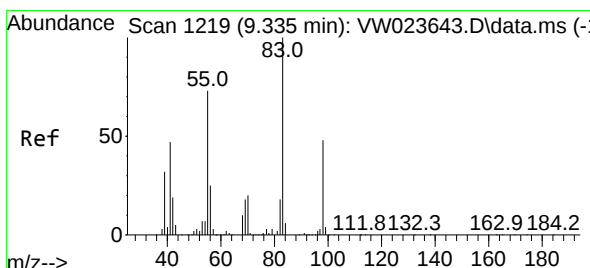
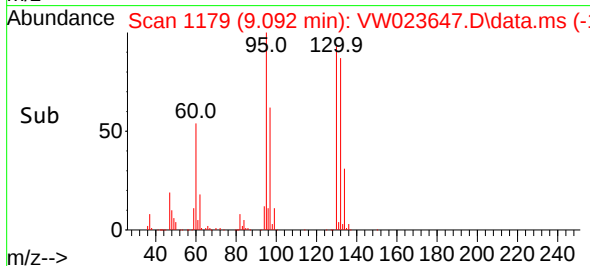
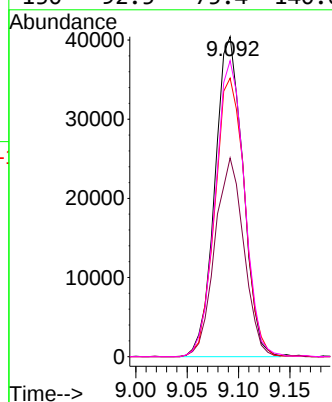
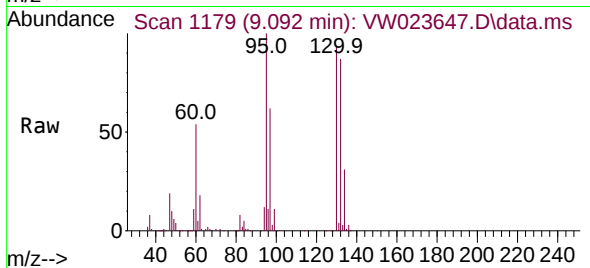
Ion Ratio Lower Upper

95 100

97 62.1 45.6 84.8

132 87.0 69.9 129.7

130 92.5 75.4 140.0



#35

Methylcyclohexane

Concen: 23.991 ug/L

RT: 9.336 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VW023647.D

Acq: 13 Jul 2022 14:33

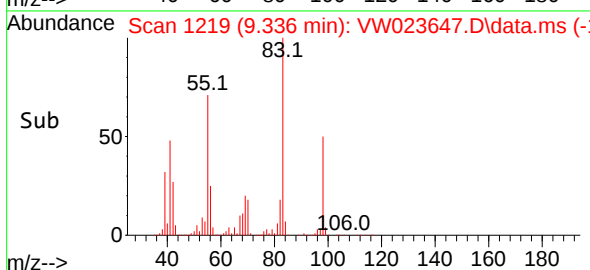
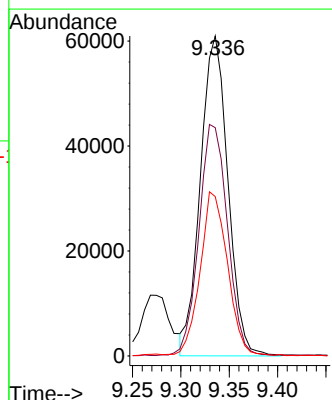
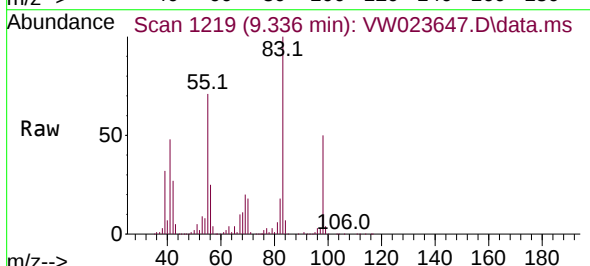
Tgt Ion: 83 Resp: 120884

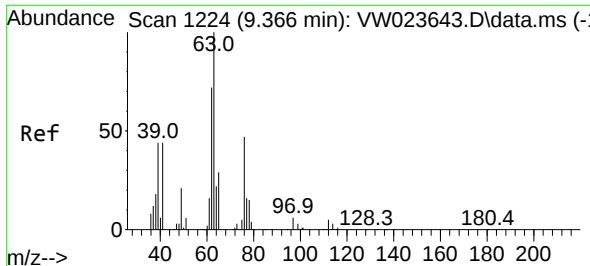
Ion Ratio Lower Upper

83 100

55 75.2 60.8 91.2

98 50.8 39.5 59.3





#37

1,2-Dichloropropane

Concen: 24.456 ug/L

RT: 9.366 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW023647.D

Acq: 13 Jul 2022 14:33

Instrument :

MSVOA_W

ClientSampleId :

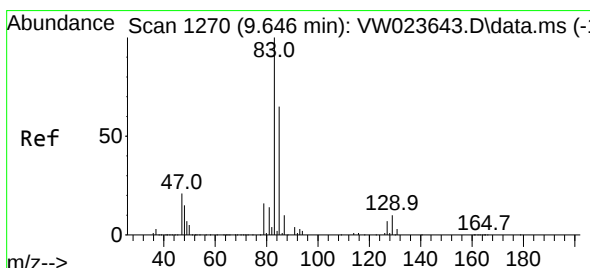
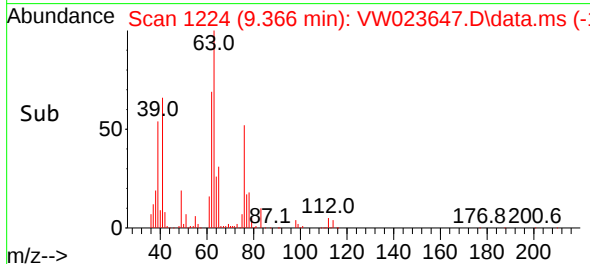
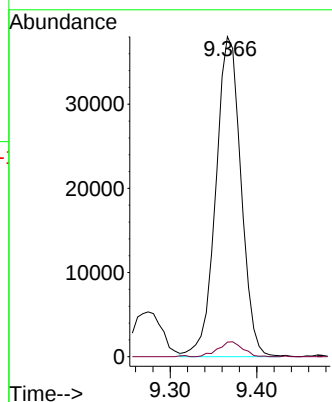
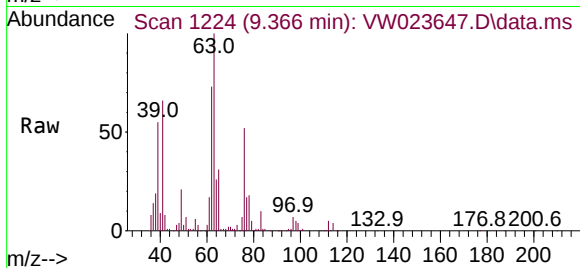
VSTD025481

Tgt Ion: 63 Resp: 76828

Ion Ratio Lower Upper

63 100

112 4.5 4.2 6.2



#38

Bromodichloromethane

Concen: 25.215 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.000 min

Lab File: VW023647.D

Acq: 13 Jul 2022 14:33

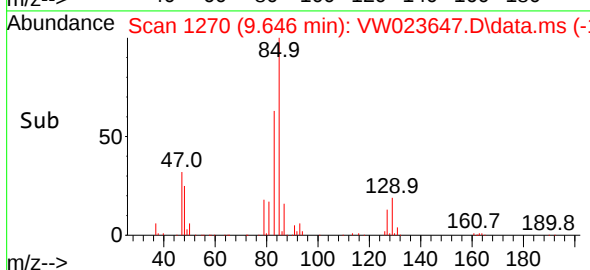
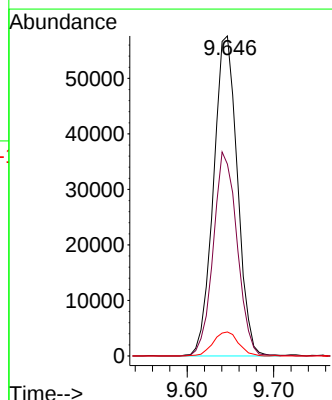
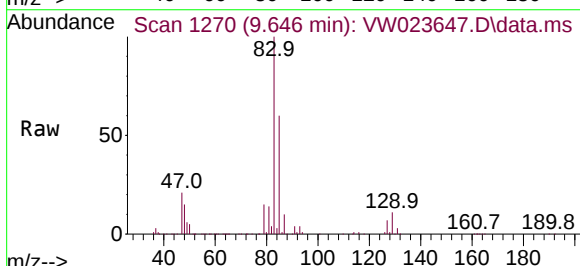
Tgt Ion: 83 Resp: 110553

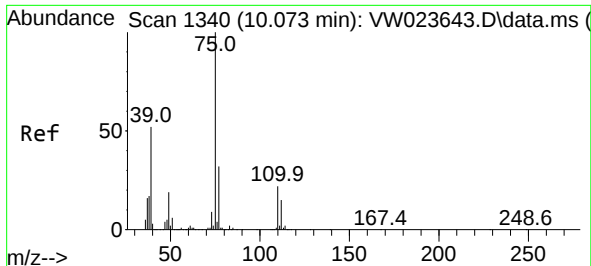
Ion Ratio Lower Upper

83 100

85 59.9 45.5 84.5

127 7.5 6.0 9.0





#39

cis-1,3-Dichloropropene

Concen: 25.014 ug/L

RT: 10.073 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW023647.D

Acq: 13 Jul 2022 14:33

Instrument :

MSVOA_W

ClientSampleId :

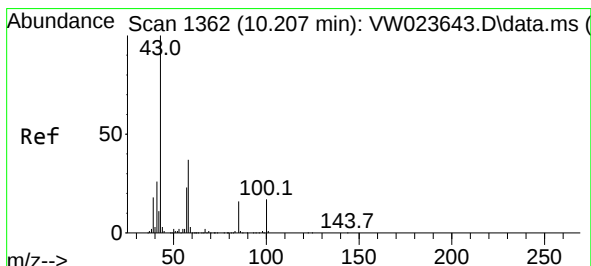
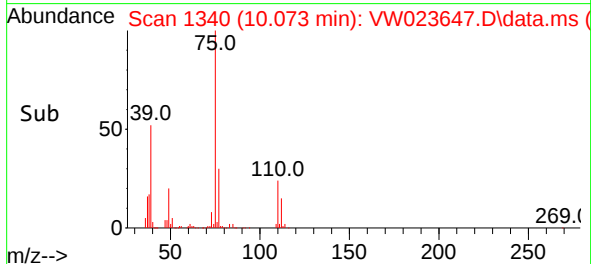
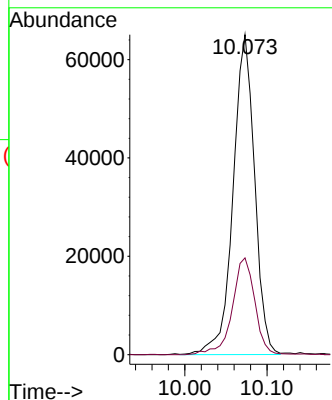
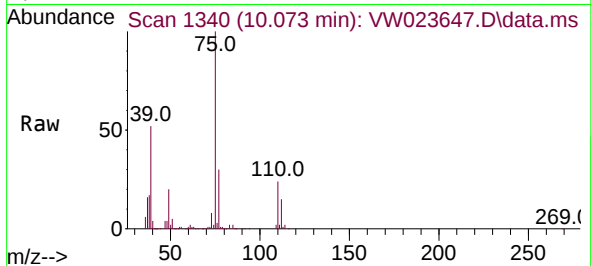
VSTD025481

Tgt Ion: 75 Resp: 118439

Ion Ratio Lower Upper

75 100

77 30.3 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 50.032 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW023647.D

Acq: 13 Jul 2022 14:33

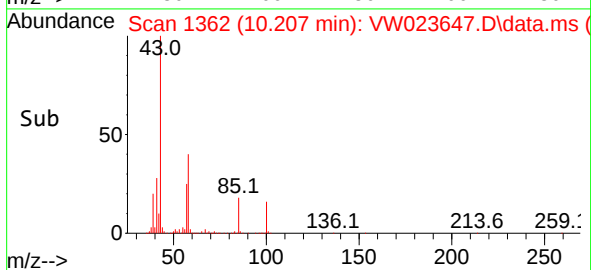
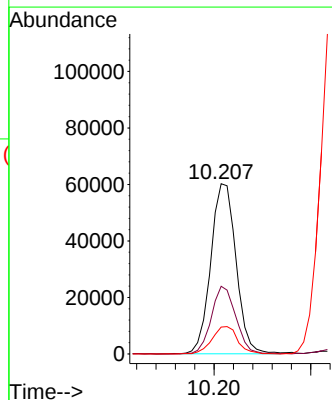
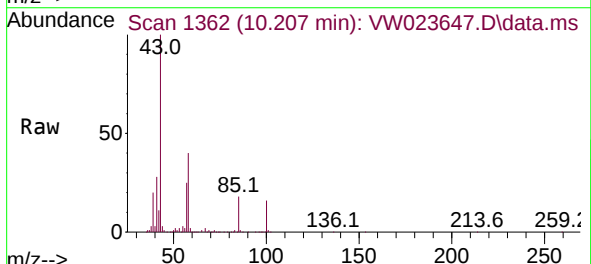
Tgt Ion: 43 Resp: 109373

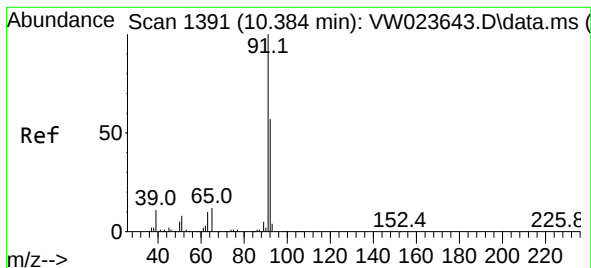
Ion Ratio Lower Upper

43 100

58 38.5 29.8 44.8

100 16.3 13.0 19.4





#42

Toluene

Concen: 24.797 ug/L

RT: 10.384 min Scan# 1391

Delta R.T. 0.000 min

Lab File: VW023647.D

Acq: 13 Jul 2022 14:33

Instrument :

MSVOA_W

ClientSampleId :

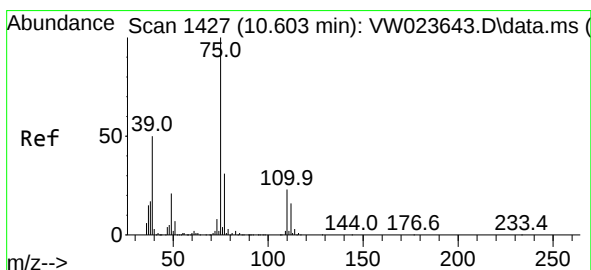
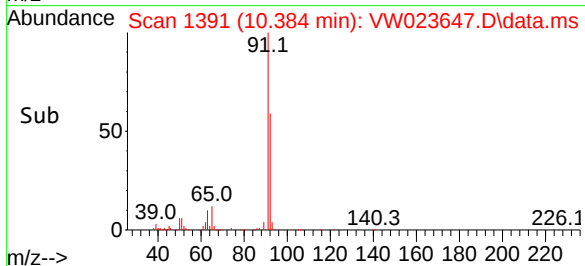
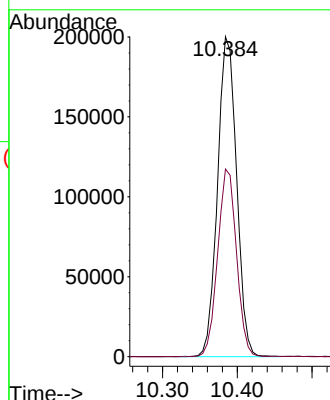
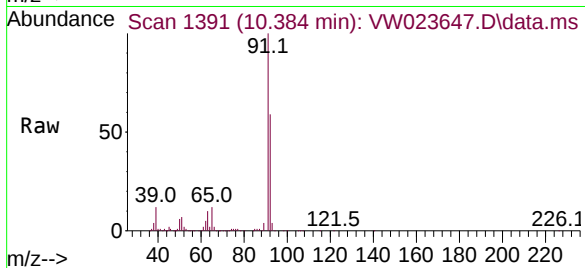
VSTD025481

Tgt Ion: 91 Resp: 354359

Ion Ratio Lower Upper

91 100

92 58.7 39.9 74.1



#44

trans-1,3-Dichloropropene

Concen: 25.407 ug/L

RT: 10.604 min Scan# 1427

Delta R.T. 0.000 min

Lab File: VW023647.D

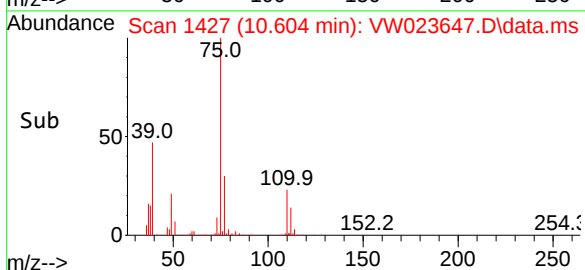
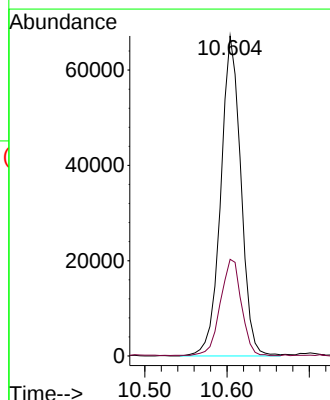
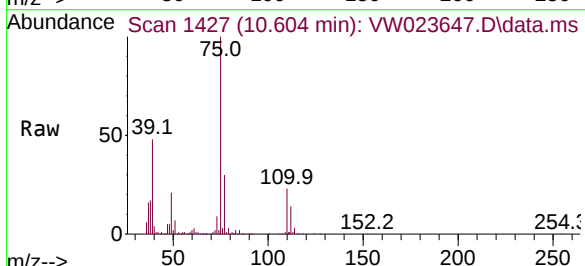
Acq: 13 Jul 2022 14:33

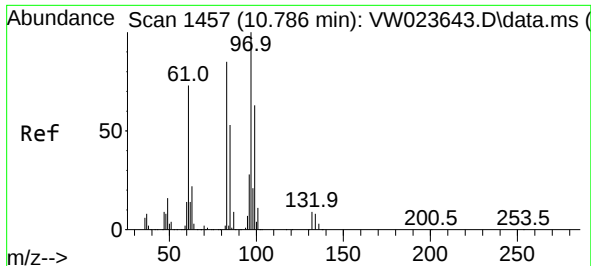
Tgt Ion: 75 Resp: 114343

Ion Ratio Lower Upper

75 100

77 30.2 22.0 41.0

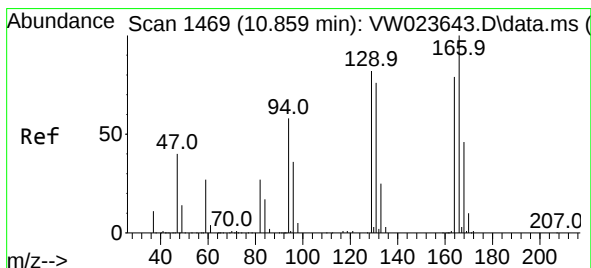
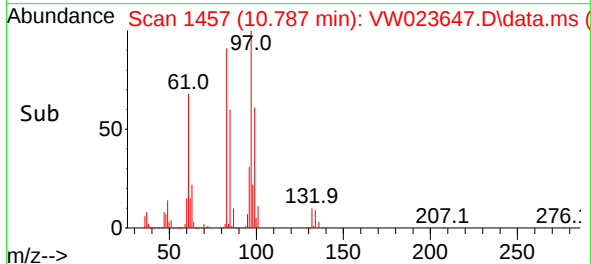
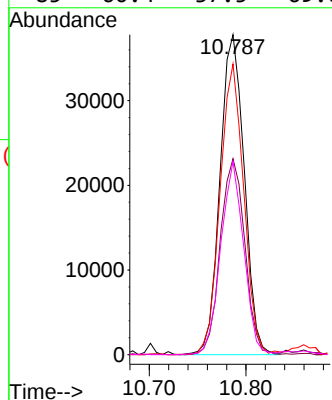
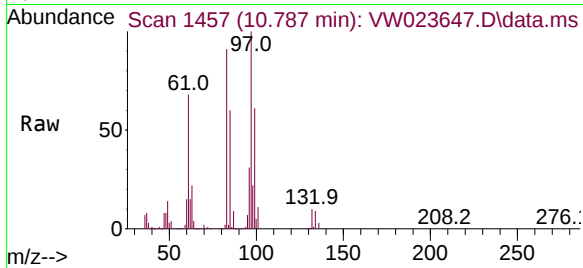




#45
1,1,2-Trichloroethane
Concen: 23.909 ug/L
RT: 10.787 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW023647.D
Acq: 13 Jul 2022 14:33

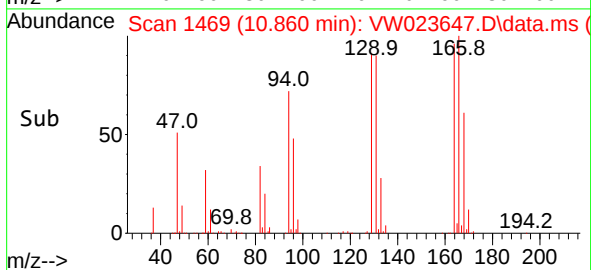
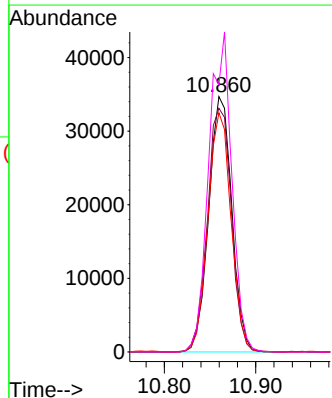
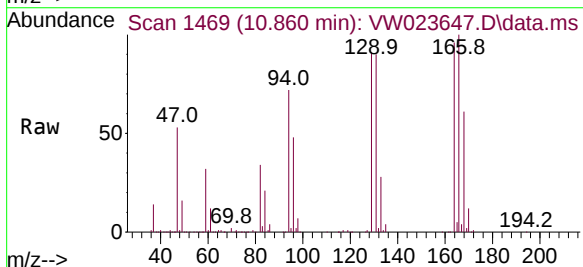
Instrument :
MSVOA_W
ClientSampleId :
VSTD025481

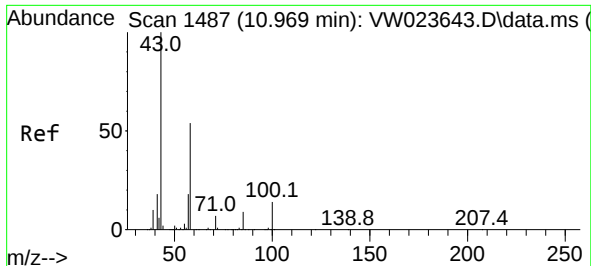
Tgt Ion:	97	Resp:	65676
Ion	Ratio	Lower	Upper
97	100		
99	61.2	44.2	82.2
83	90.8	59.8	111.0
85	60.4	37.5	69.6



#46
Tetrachloroethene
Concen: 23.827 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW023647.D
Acq: 13 Jul 2022 14:33

Tgt Ion:	164	Resp:	60962
Ion	Ratio	Lower	Upper
164	100		
129	95.4	72.4	134.5
131	93.7	67.8	125.8
166	104.7	88.9	165.1

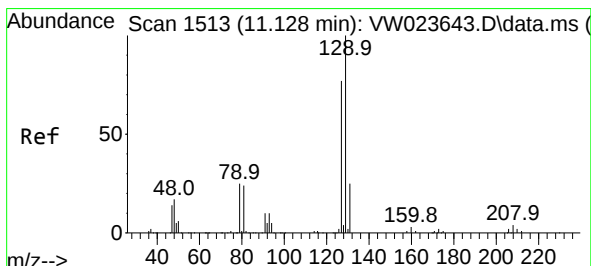
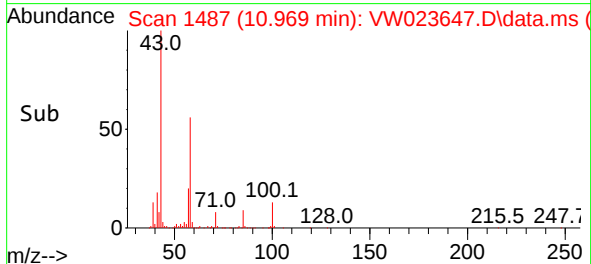
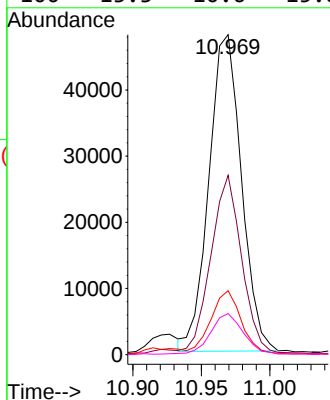
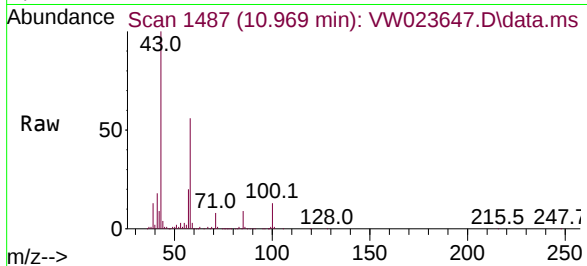




#48
2-Hexanone
Concen: 49.660 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW023647.D
Acq: 13 Jul 2022 14:33

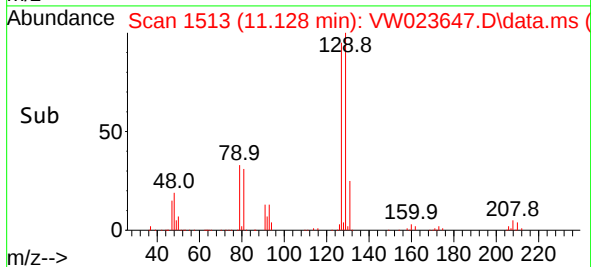
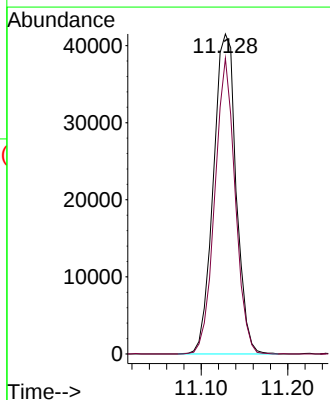
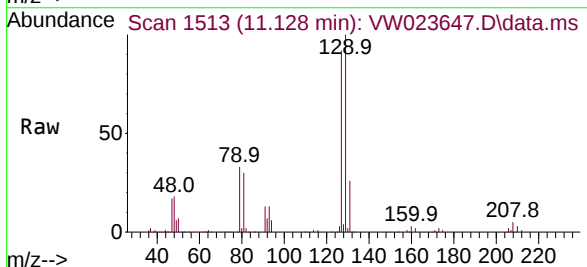
Instrument :
MSVOA_W
ClientSampleId :
VSTD025481

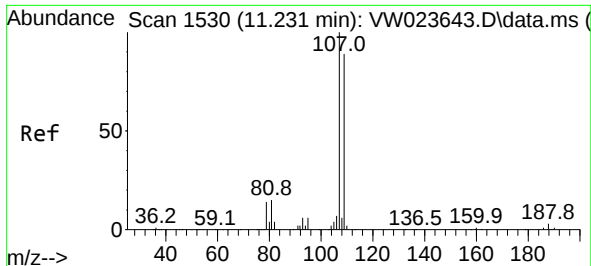
Tgt Ion: 43	Resp:	79039
Ion Ratio	Lower	Upper
43	100	
58	54.0	41.6 62.4
57	19.1	14.6 21.8
100	13.3	10.6 15.8



#49
Dibromochloromethane
Concen: 23.833 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW023647.D
Acq: 13 Jul 2022 14:33

Tgt Ion: 129	Resp:	75921
Ion Ratio	Lower	Upper
129	100	
127	92.4	53.7 99.7





#50

1,2-Dibromoethane

Concen: 24.555 ug/L

RT: 11.232 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW023647.D

Acq: 13 Jul 2022 14:33

Instrument :

MSVOA_W

ClientSampleId :

VSTD025481

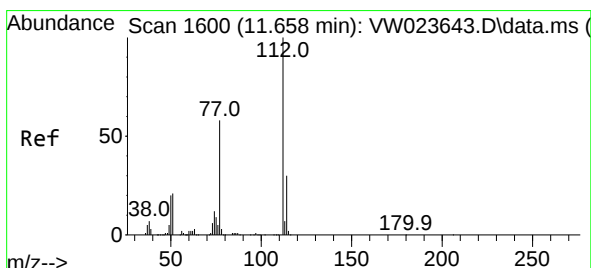
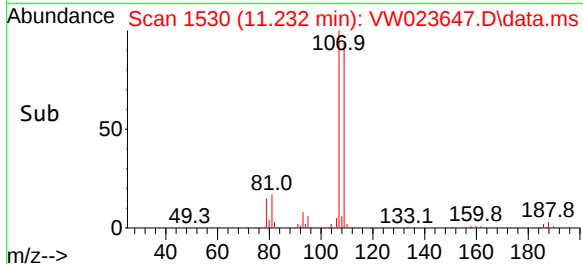
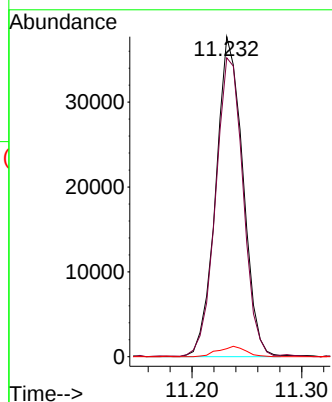
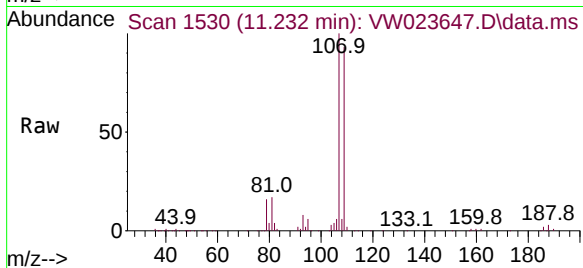
Tgt Ion:107 Resp: 64801

Ion Ratio Lower Upper

107 100

109 93.4 62.4 116.0

188 2.5 2.3 3.5



#51

Chlorobenzene

Concen: 24.281 ug/L

RT: 11.652 min Scan# 1599

Delta R.T. -0.006 min

Lab File: VW023647.D

Acq: 13 Jul 2022 14:33

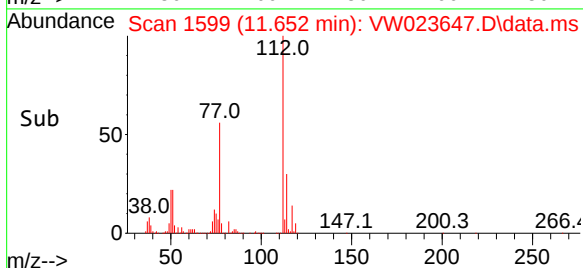
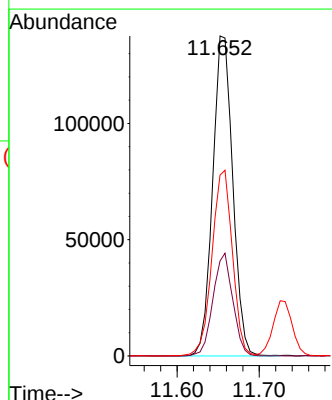
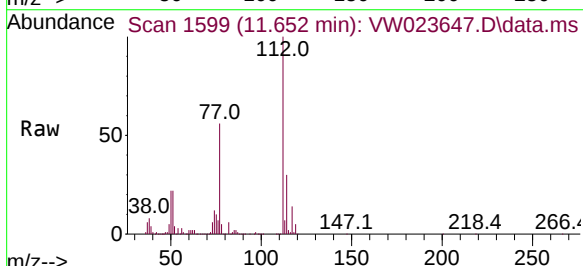
Tgt Ion:112 Resp: 234021

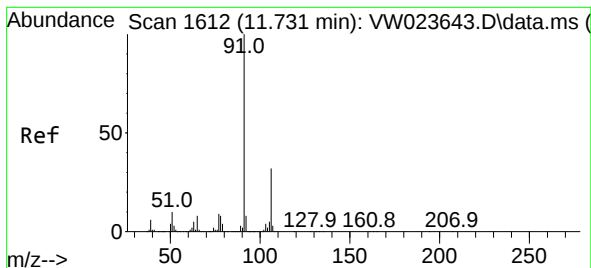
Ion Ratio Lower Upper

112 100

114 29.7 21.1 39.3

77 56.5 46.6 69.8

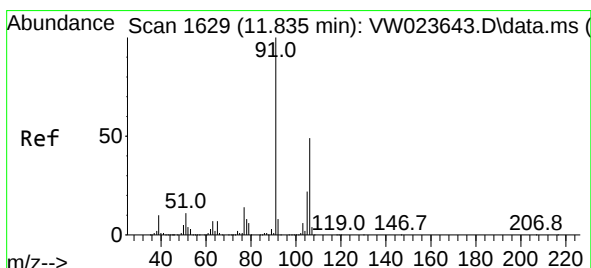
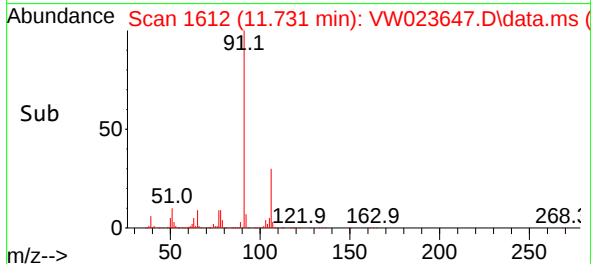
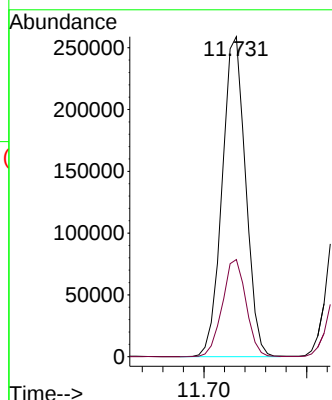
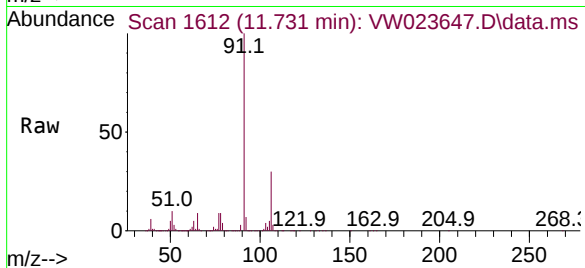




#52
Ethylbenzene
Concen: 25.229 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW023647.D
Acq: 13 Jul 2022 14:33

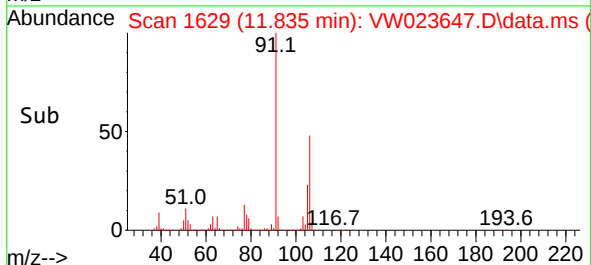
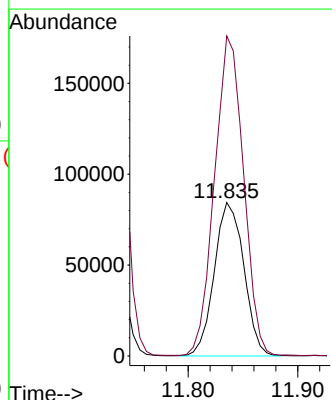
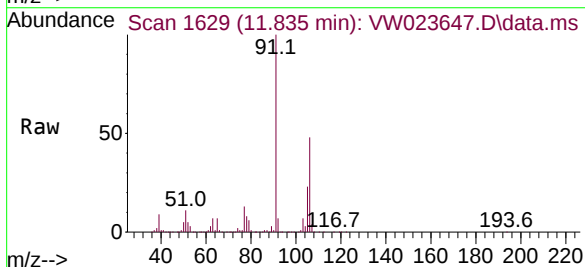
Instrument :
MSVOA_W
ClientSampleId :
VSTD025481

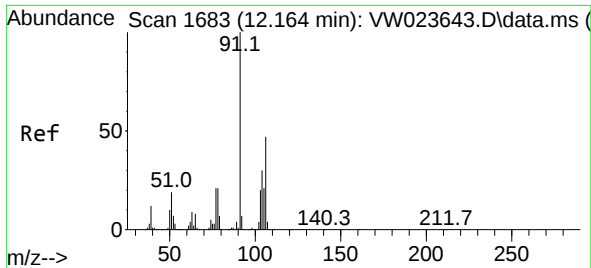
Tgt Ion: 91 Resp: 409702
Ion Ratio Lower Upper
91 100
106 30.3 22.5 41.9



#53
m,p-Xylene
Concen: 24.959 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW023647.D
Acq: 13 Jul 2022 14:33

Tgt Ion: 106 Resp: 158136
Ion Ratio Lower Upper
106 100
91 208.5 142.8 265.2

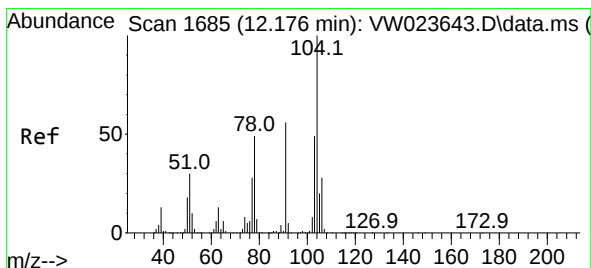
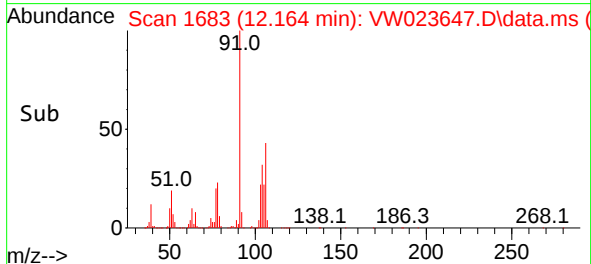
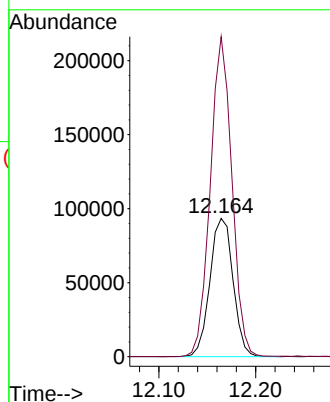
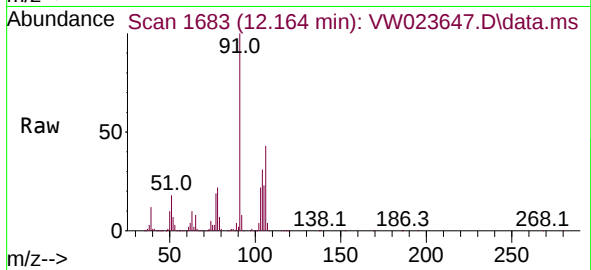




#54
o-Xylene
Concen: 25.541 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW023647.D
Acq: 13 Jul 2022 14:33

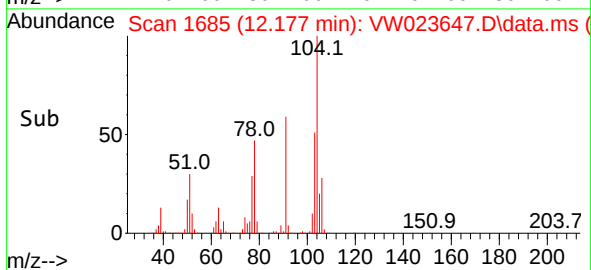
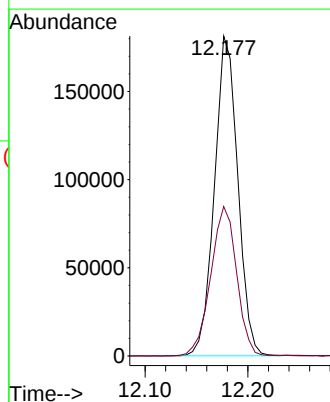
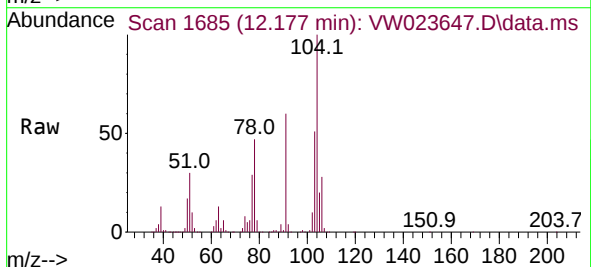
Instrument :
MSVOA_W
ClientSampleId :
VSTD025481

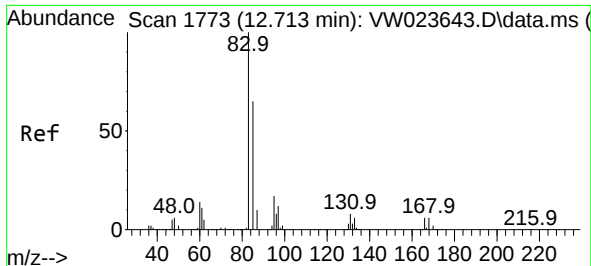
Tgt Ion:106 Resp: 155409
Ion Ratio Lower Upper
106 100
91 231.4 149.6 277.8



#55
Styrene
Concen: 26.594 ug/L
RT: 12.177 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW023647.D
Acq: 13 Jul 2022 14:33

Tgt Ion:104 Resp: 285873
Ion Ratio Lower Upper
104 100
78 46.7 34.3 63.7





#57

1,1,2,2-Tetrachloroethane

Concen: 25.045 ug/L

RT: 12.713 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW023647.D

Acq: 13 Jul 2022 14:33

Instrument :

MSVOA_W

ClientSampleId :

VSTD025481

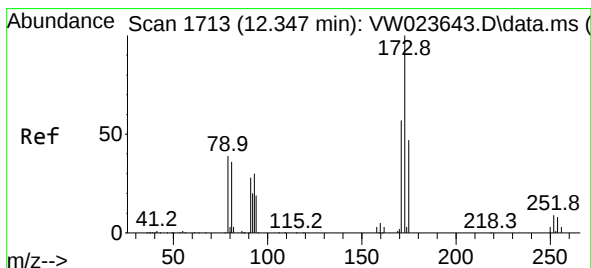
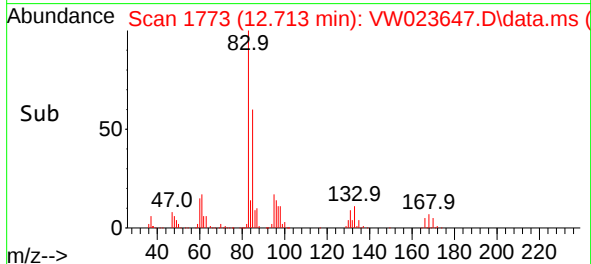
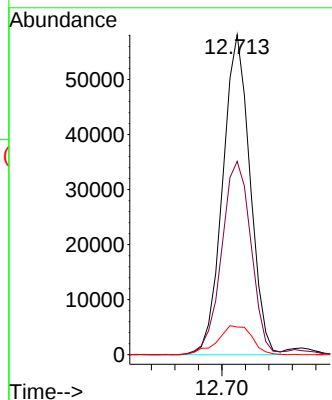
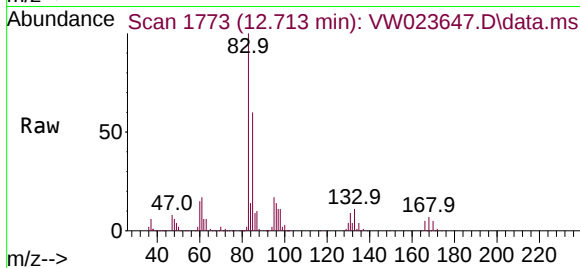
Tgt Ion: 83 Resp: 93839

Ion Ratio Lower Upper

83 100

85 60.4 46.5 86.3

131 8.7 7.4 11.0



#59

Bromoform

Concen: 23.227 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. 0.000 min

Lab File: VW023647.D

Acq: 13 Jul 2022 14:33

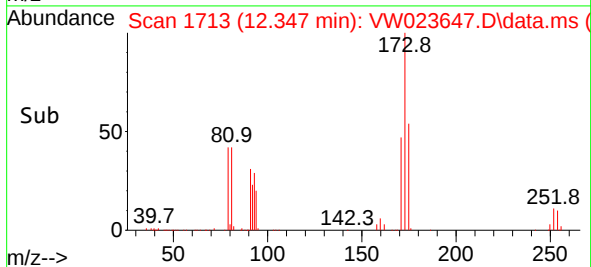
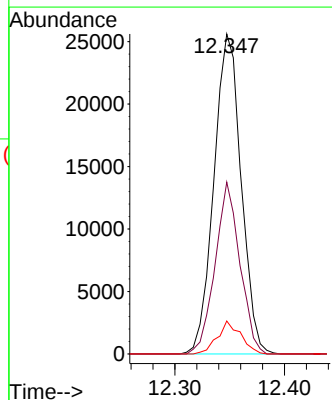
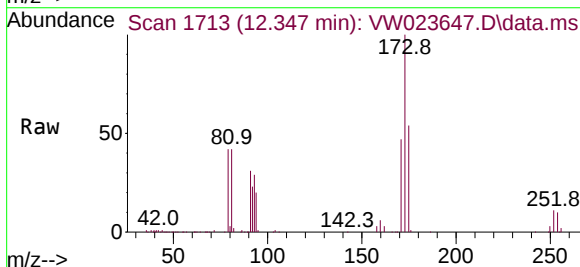
Tgt Ion: 173 Resp: 44169

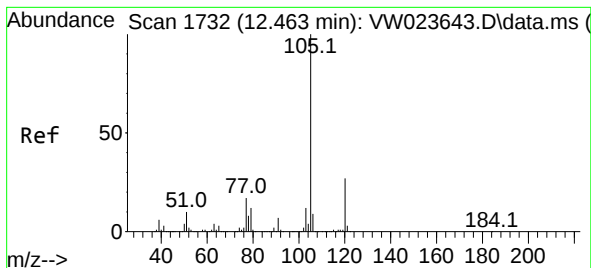
Ion Ratio Lower Upper

173 100

175 48.8 38.9 58.3

254 8.8 5.9 8.9





#60

Isopropylbenzene

Concen: 25.443 ug/L

RT: 12.463 min Scan# 1732

Delta R.T. 0.000 min

Lab File: VW023647.D

Acq: 13 Jul 2022 14:33

Instrument :

MSVOA_W

ClientSampleId :

VSTD025481

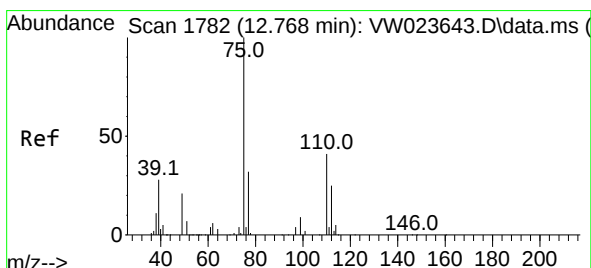
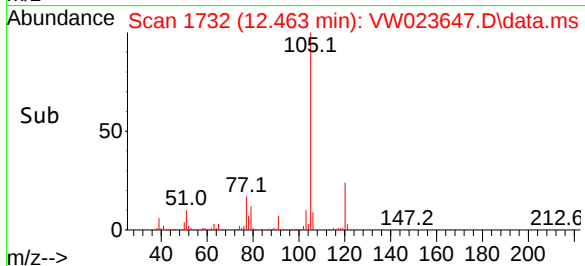
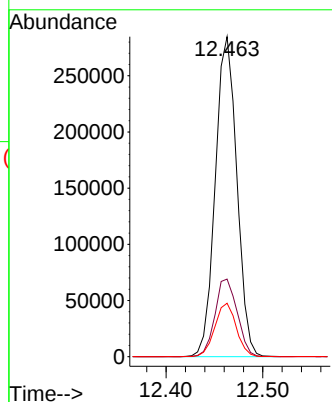
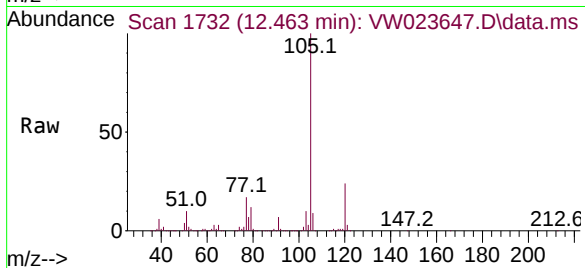
Tgt Ion:105 Resp: 440758

Ion Ratio Lower Upper

105 100

120 25.1 20.7 31.1

77 16.6 13.2 19.8



#61

1,2,3-Trichloropropane

Concen: 23.667 ug/L

RT: 12.768 min Scan# 1782

Delta R.T. 0.000 min

Lab File: VW023647.D

Acq: 13 Jul 2022 14:33

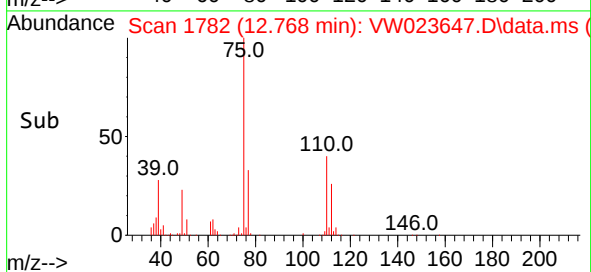
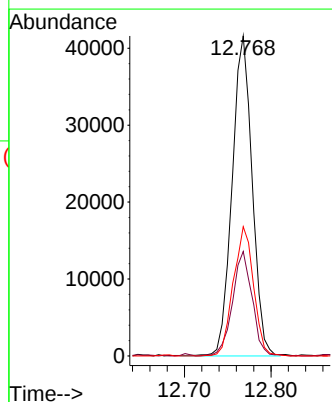
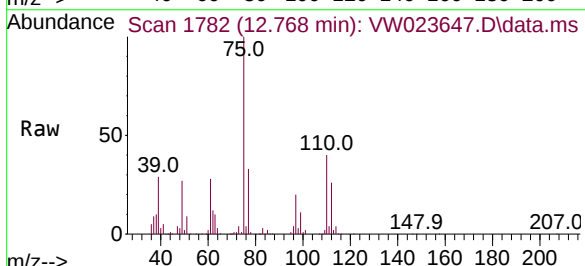
Tgt Ion: 75 Resp: 66924

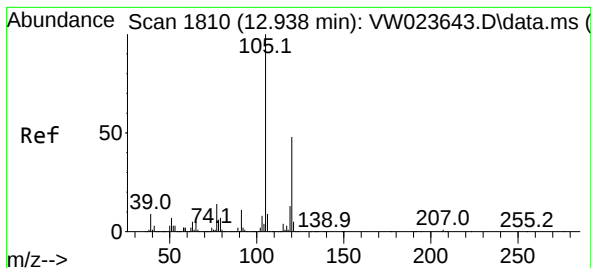
Ion Ratio Lower Upper

75 100

77 31.8 25.0 37.4

110 40.8 31.9 47.9





#62

1,3,5-Trimethylbenzene

Concen: 25.577 ug/L

RT: 12.945 min Scan# 1811

Delta R.T. 0.006 min

Lab File: VW023647.D

Acq: 13 Jul 2022 14:33

Instrument :

MSVOA_W

ClientSampleId :

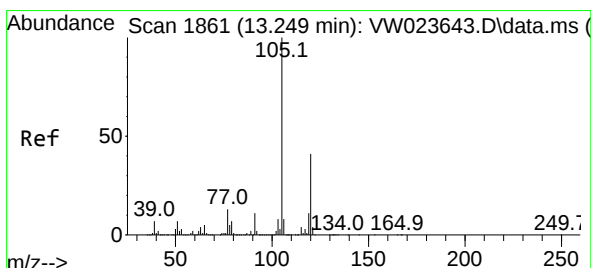
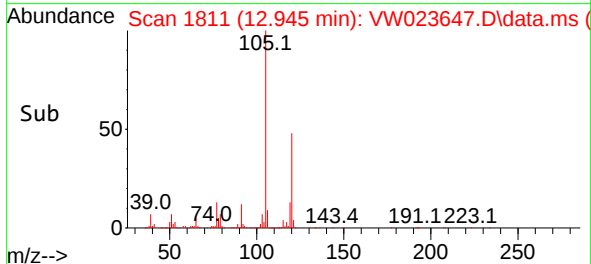
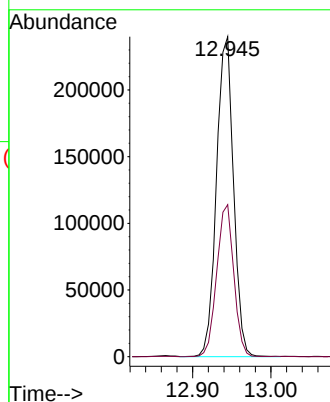
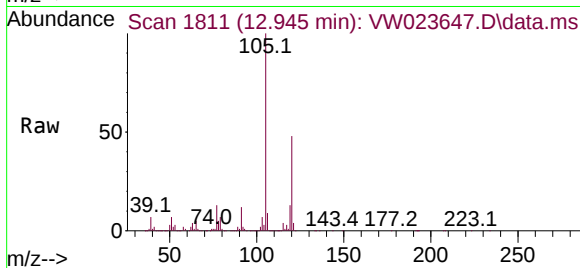
VSTD025481

Tgt Ion:105 Resp: 362755

Ion Ratio Lower Upper

105 100

120 47.6 38.7 58.1



#63

1,2,4-Trimethylbenzene

Concen: 26.266 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VW023647.D

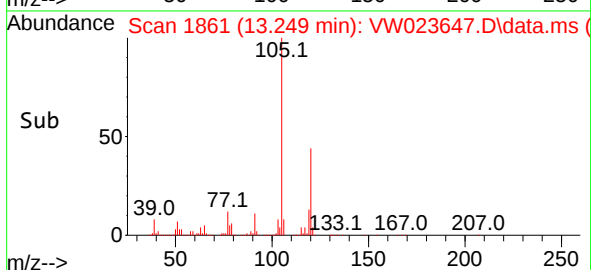
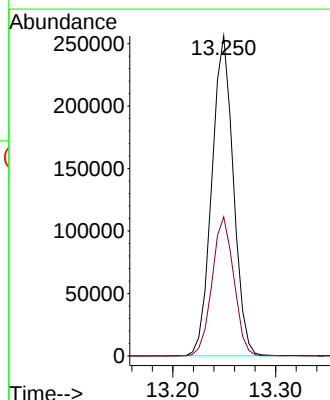
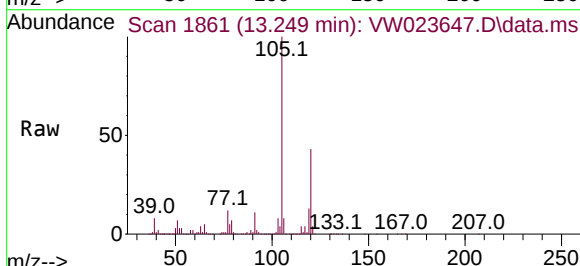
Acq: 13 Jul 2022 14:33

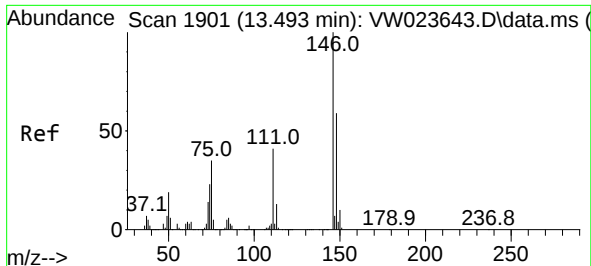
Tgt Ion:105 Resp: 372460

Ion Ratio Lower Upper

105 100

120 43.9 35.5 53.3





#64

1,3-Dichlorobenzene

Concen: 23.672 ug/L

RT: 13.499 min Scan# 1901

Delta R.T. 0.006 min

Lab File: VW023647.D

Acq: 13 Jul 2022 14:33

Instrument :

MSVOA_W

ClientSampleId :

VSTD025481

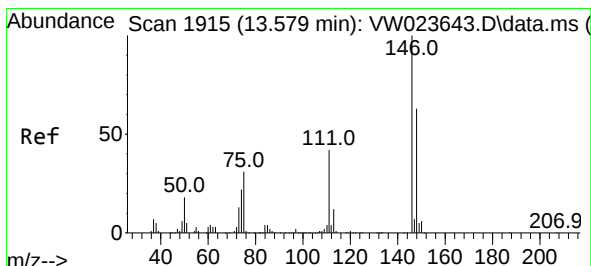
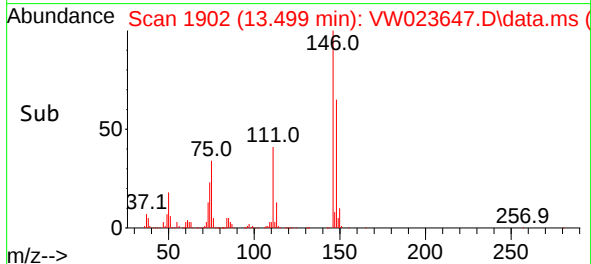
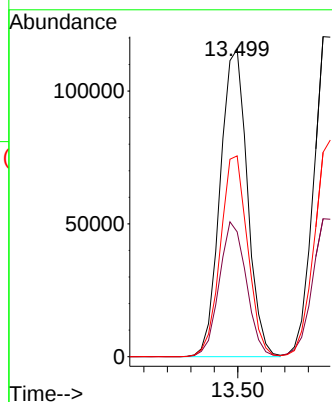
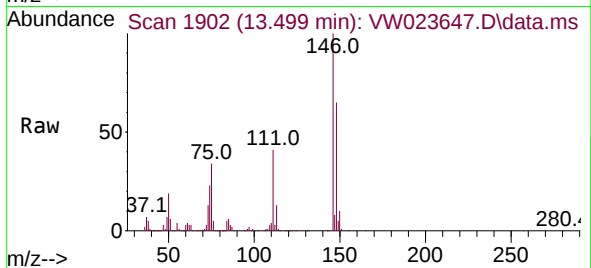
Tgt Ion:146 Resp: 186189

Ion Ratio Lower Upper

146 100

111 40.6 28.6 53.2

148 65.3 41.2 76.4



#65

1,4-Dichlorobenzene

Concen: 23.946 ug/L

RT: 13.573 min Scan# 1914

Delta R.T. -0.006 min

Lab File: VW023647.D

Acq: 13 Jul 2022 14:33

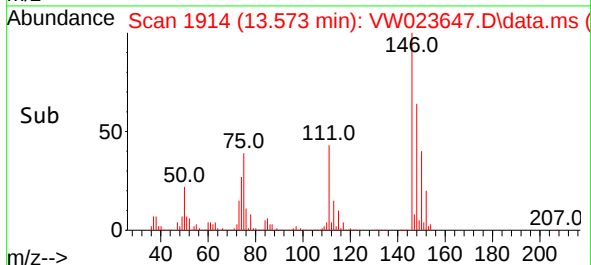
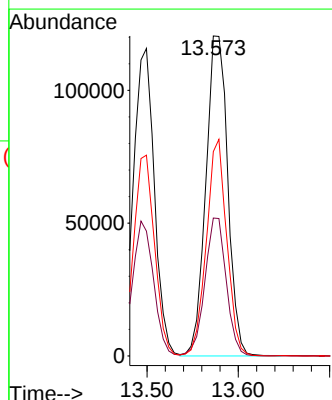
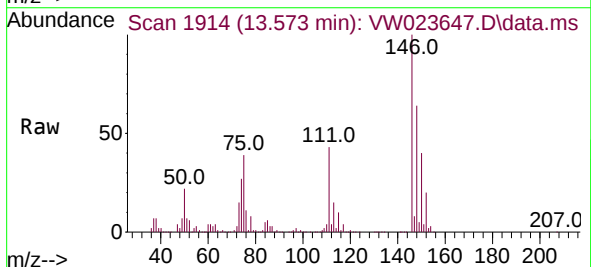
Tgt Ion:146 Resp: 200378

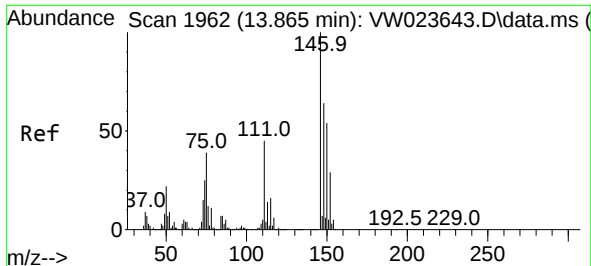
Ion Ratio Lower Upper

146 100

111 43.1 29.4 54.6

148 63.9 44.4 82.5





#67

1,2-Dichlorobenzene

Concen: 24.834 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VW023647.D

Acq: 13 Jul 2022 14:33

Instrument :

MSVOA_W

ClientSampleId :

VSTD025481

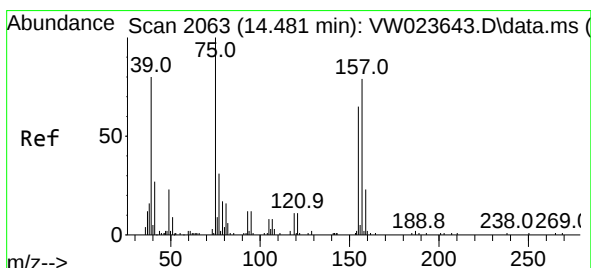
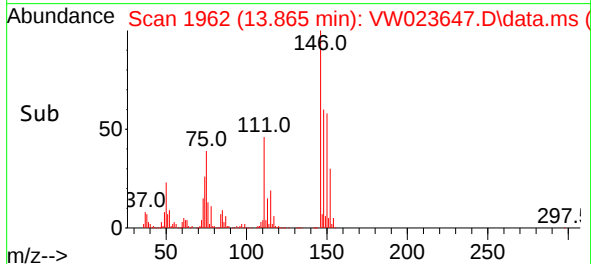
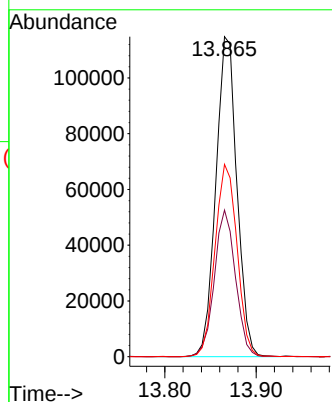
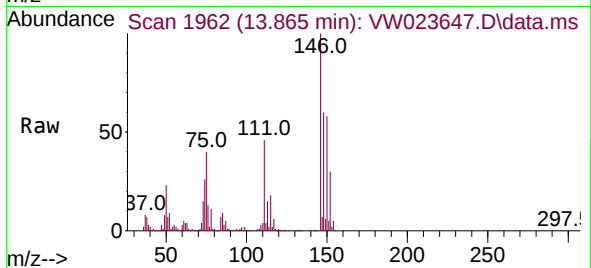
Tgt Ion:146 Resp: 184220

Ion Ratio Lower Upper

146 100

111 45.8 35.9 53.9

148 60.1 51.3 76.9



#68

1,2-Dibromo-3-chloropropane

Concen: 24.566 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW023647.D

Acq: 13 Jul 2022 14:33

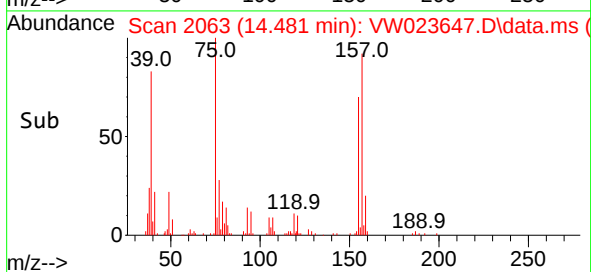
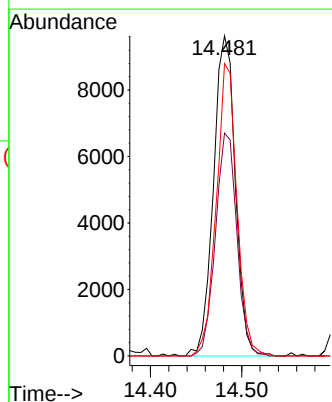
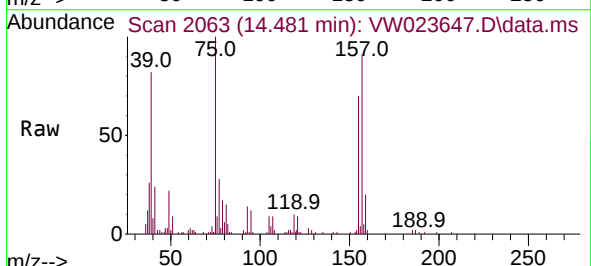
Tgt Ion: 75 Resp: 16022

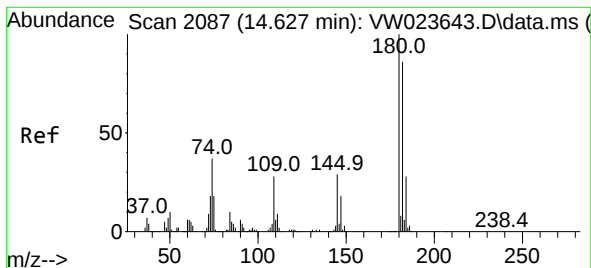
Ion Ratio Lower Upper

75 100

155 69.7 51.7 77.5

157 91.3 63.5 95.3





#69

1,3,5-Trichlorobenzene

Concen: 24.090 ug/L

RT: 14.627 min Scan# 2087

Delta R.T. 0.000 min

Lab File: VW023647.D

Acq: 13 Jul 2022 14:33

Instrument :

MSVOA_W

ClientSampleId :

VSTD025481

Tgt Ion:180 Resp: 125416

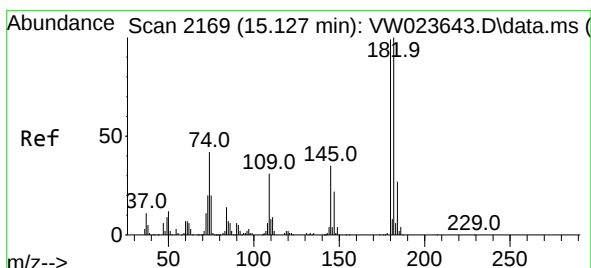
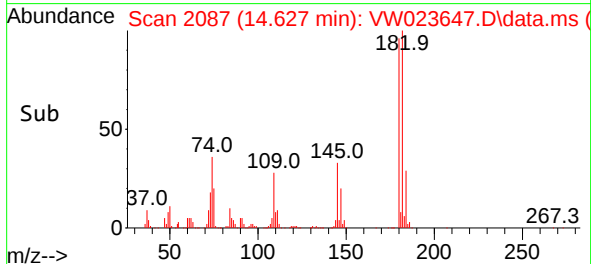
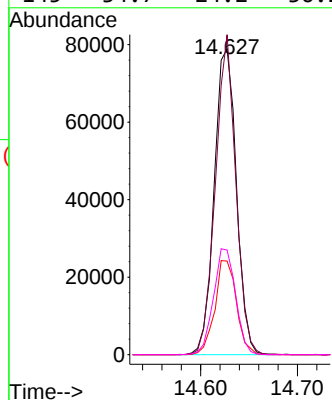
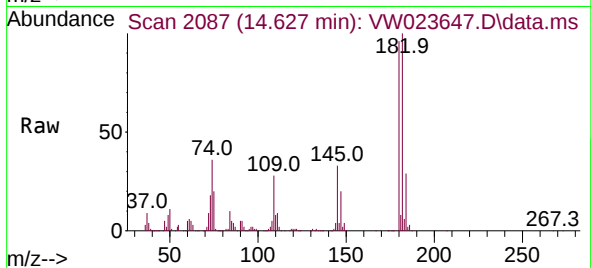
Ion Ratio Lower Upper

180 100

182 96.0 70.2 105.2

184 30.0 22.6 34.0

145 34.7 24.2 36.2



#70

1,2,4-trichlorobenzene

Concen: 24.421 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. 0.000 min

Lab File: VW023647.D

Acq: 13 Jul 2022 14:33

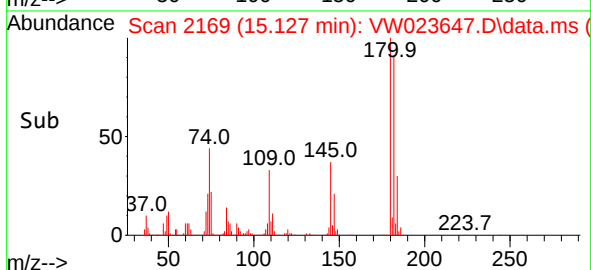
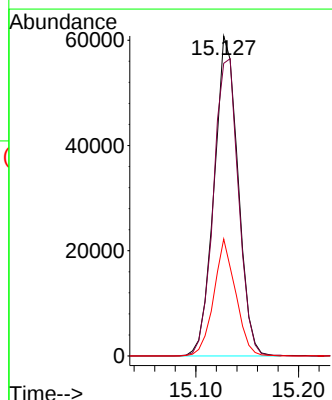
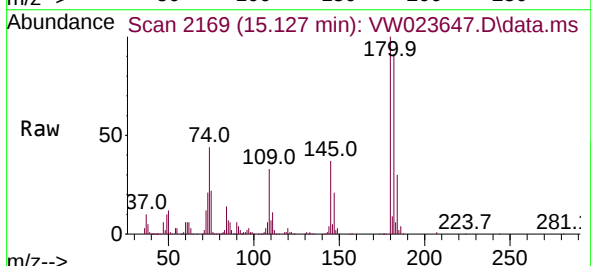
Tgt Ion:180 Resp: 98175

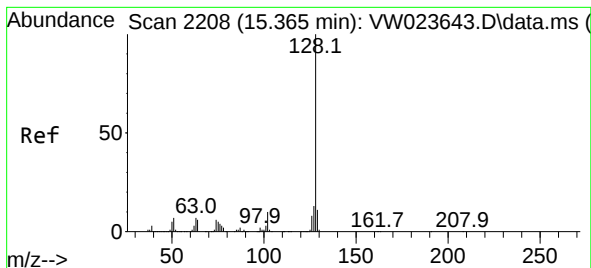
Ion Ratio Lower Upper

180 100

182 97.2 77.5 116.3

145 33.3 26.3 39.5





#71

Naphthalene

Concen: 26.536 ug/L

RT: 15.365 min Scan# 2208

Delta R.T. 0.000 min

Lab File: VW023647.D

Acq: 13 Jul 2022 14:33

Instrument :

MSVOA_W

ClientSampleId :

VSTD025481

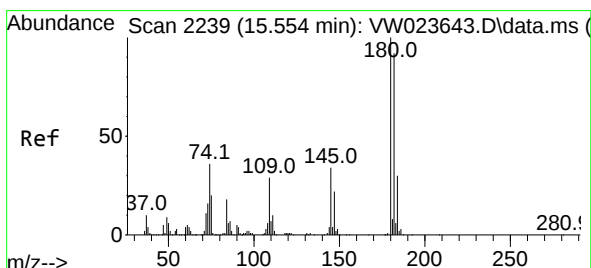
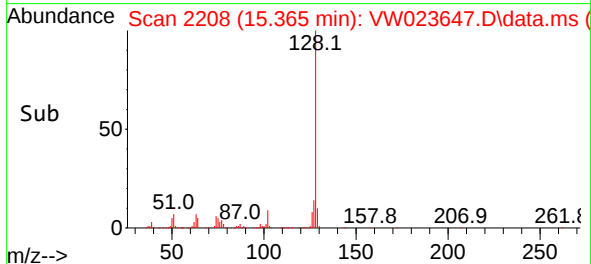
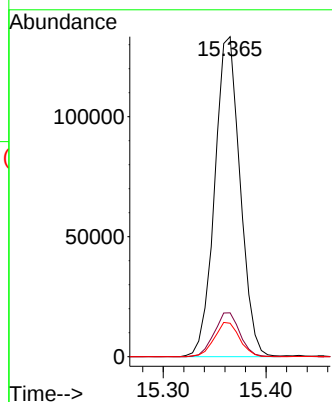
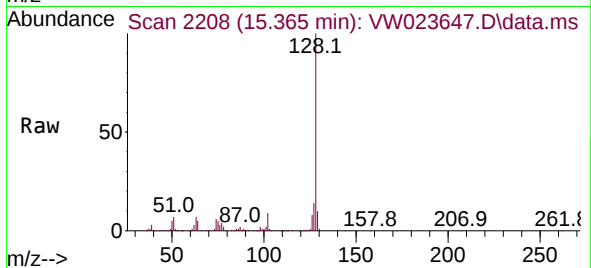
Tgt Ion:128 Resp: 228830

Ion Ratio Lower Upper

128 100

127 13.8 11.0 16.4

129 10.6 9.0 13.4



#72

1,2,3-Trichlorobenzene

Concen: 24.782 ug/L

RT: 15.554 min Scan# 2239

Delta R.T. 0.000 min

Lab File: VW023647.D

Acq: 13 Jul 2022 14:33

Tgt Ion:180 Resp: 92857

Ion Ratio Lower Upper

180 100

182 94.0 76.3 114.5

145 33.6 27.8 41.6

