

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW090822\
 Data File : VW024587.D
 Acq On : 08 Sep 2022 14:26
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025565

Quant Time: Sep 08 22:24:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM090622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Sep 08 22:22:19 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	306120	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	322272	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	175956	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	177761	28.126	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	112.520%
7) Chloroethane-d5	2.873	69	130388	27.746	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	111.000%
11) 1,1-Dichloroethene-d2	4.007	63	146815	22.017	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	88.080%
21) 2-Butanone-d5	7.074	46	46372	45.482	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.960%
24) Chloroform-d	7.641	84	193231	24.784	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.120%
26) 1,2-Dichloroethane-d4	8.299	65	113819	25.892	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.560%
32) Benzene-d6	8.269	84	383621	24.200	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.800%
36) 1,2-Dichloropropane-d6	9.269	67	108564	23.228	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.920%
41) Toluene-d8	10.317	98	392860	25.421	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.680%
43) trans-1,3-Dichloroprop...	10.573	79	52211	24.927	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.720%
47) 2-Hexanone-d5	10.921	63	41957	48.838	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.680%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	116470	25.999	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	104.000%
66) 1,2-Dichlorobenzene-d4	13.847	152	141384	25.369	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.480%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.002	85	26886	18.339	ug/L	93
3) Chloromethane	2.215	50	113366	24.863	ug/L	98
5) Vinyl chloride	2.355	62	197393	25.679	ug/L	98
6) Bromomethane	2.770	94	124360	24.816	ug/L	96
8) Chloroethane	2.910	64	103543	24.759	ug/L	99
9) Trichlorofluoromethane	3.245	101	118735	26.717	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.038	101	82661	20.188	ug/L #	89
12) 1,1-Dichloroethene	4.026	96	70299	20.086	ug/L	91
13) Acetone	4.117	43	33567	38.695	ug/L	98
14) Carbon disulfide	4.373	76	175829	18.988	ug/L	97
15) Methyl Acetate	4.666	43	34643	18.894	ug/L	96
16) Methylene chloride	4.903	84	89441	19.581	ug/L	99
17) trans-1,2-Dichloroethene	5.416	96	86133	21.485	ug/L	91
18) Methyl tert-butyl Ether	5.422	73	151360	21.200	ug/L	98
19) 1,1-Dichloroethane	6.208	63	163763	22.452	ug/L	96
20) cis-1,2-Dichloroethene	7.159	96	100661	22.379	ug/L	98
22) 2-Butanone	7.171	43	58632	41.785	ug/L	92
23) Bromochloromethane	7.507	128	41757	20.277	ug/L #	80
25) Chloroform	7.671	83	188926	23.317	ug/L	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW090822\
 Data File : VW024587.D
 Acq On : 08 Sep 2022 14:26
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025565

Quant Time: Sep 08 22:24:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM090622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Sep 08 22:22:19 2022
 Response via : Initial Calibration

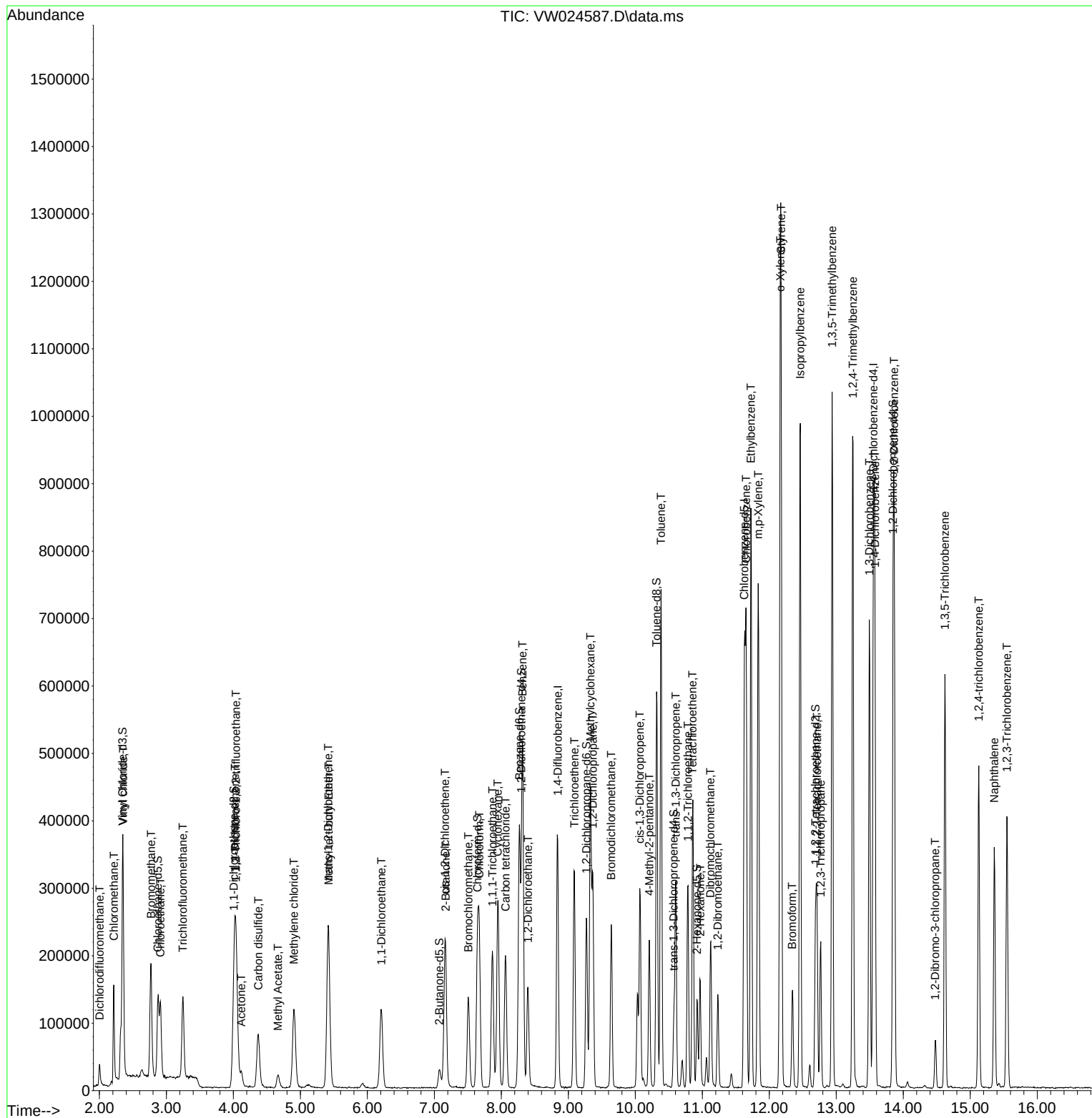
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	132303	24.293	ug/L	100
29) Cyclohexane	7.946	56	140075	22.451	ug/L	100
30) 1,1,1-Trichloroethane	7.866	97	154649	21.881	ug/L	97
31) Carbon tetrachloride	8.061	117	137238	21.260	ug/L	96
33) Benzene	8.317	78	434544	23.757	ug/L	100
34) Trichloroethene	9.092	95	109375	22.895	ug/L	96
35) Methylcyclohexane	9.329	83	177322	23.200	ug/L	99
37) 1,2-Dichloropropane	9.366	63	104573	22.891	ug/L	100
38) Bromodichloromethane	9.640	83	151716	23.498	ug/L	96
39) cis-1,3-Dichloropropene	10.067	75	165983	24.850	ug/L	97
40) 4-Methyl-2-pentanone	10.207	43	136166	45.186	ug/L	99
42) Toluene	10.384	91	515865	25.582	ug/L	97
44) trans-1,3-Dichloropropene	10.604	75	157548	24.972	ug/L	98
45) 1,1,2-Trichloroethane	10.787	97	94129	24.654	ug/L	93
46) Tetrachloroethene	10.854	164	84378	23.971	ug/L	94
48) 2-Hexanone	10.969	43	99916	48.349	ug/L	98
49) Dibromochloromethane	11.122	129	109189	24.464	ug/L	95
50) 1,2-Dibromoethane	11.232	107	87187	23.529	ug/L	99
51) Chlorobenzene	11.652	112	341483	24.512	ug/L	93
52) Ethylbenzene	11.725	91	599704	26.193	ug/L	97
53) m,p-Xylene	11.835	106	236381	26.426	ug/L	92
54) o-Xylene	12.164	106	228712	26.856	ug/L	98
55) Styrene	12.177	104	412512	27.518	ug/L	93
57) 1,1,2,2-Tetrachloroethane	12.713	83	118320	24.479	ug/L	100
59) Bromoform	12.341	173	61140	23.905	ug/L	97
60) Isopropylbenzene	12.463	105	638553	26.803	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	84783	23.290	ug/L	97
62) 1,3,5-Trimethylbenzene	12.939	105	530764	26.829	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	522499	26.537	ug/L	99
64) 1,3-Dichlorobenzene	13.493	146	267759	24.944	ug/L	98
65) 1,4-Dichlorobenzene	13.579	146	281916	24.916	ug/L	90
67) 1,2-Dichlorobenzene	13.865	146	240972	24.072	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.475	75	18206	21.137	ug/L #	75
69) 1,3,5-Trichlorobenzene	14.621	180	173385	24.868	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	132461	23.942	ug/L	97
71) Naphthalene	15.359	128	287937	23.524	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	116511	22.636	ug/L	98

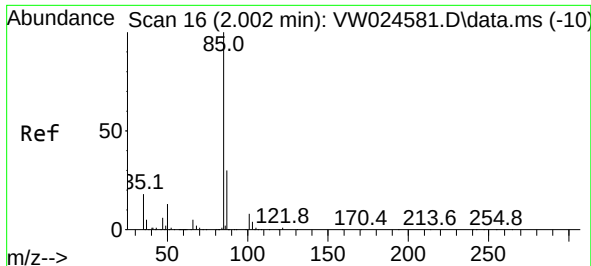
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW090822\
 Data File : VW024587.D
 Acq On : 08 Sep 2022 14:26
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025565

Quant Time: Sep 08 22:24:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM090622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Sep 08 22:22:19 2022
 Response via : Initial Calibration

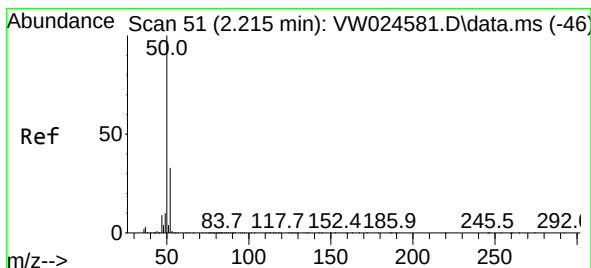
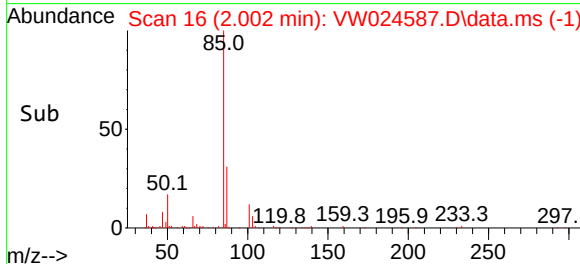
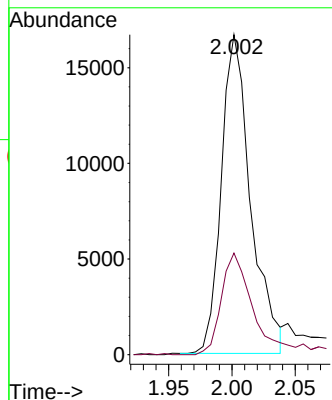
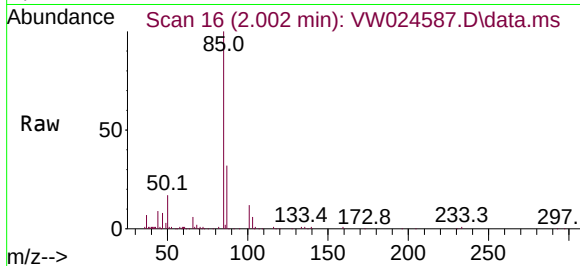




#2
 Dichlorodifluoromethane
 Concen: 18.339 ug/L
 RT: 2.002 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VW024587.D
 Acq: 08 Sep 2022 14:26

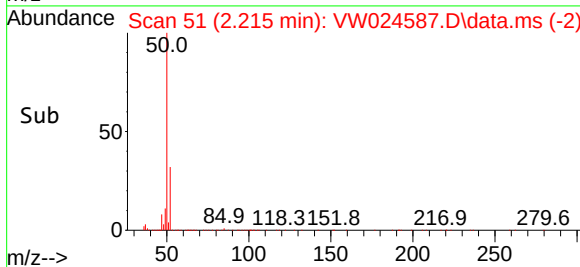
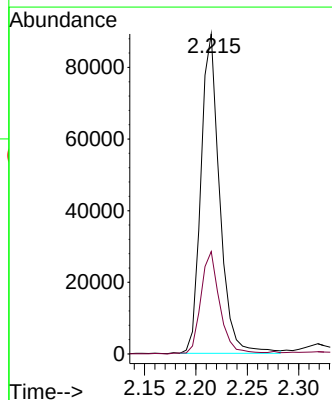
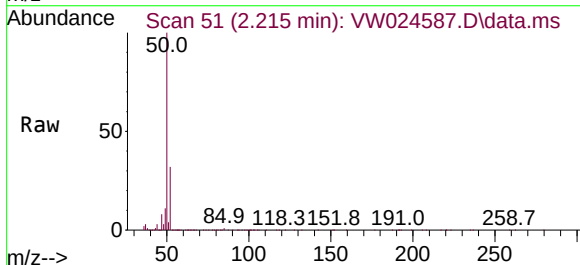
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025565

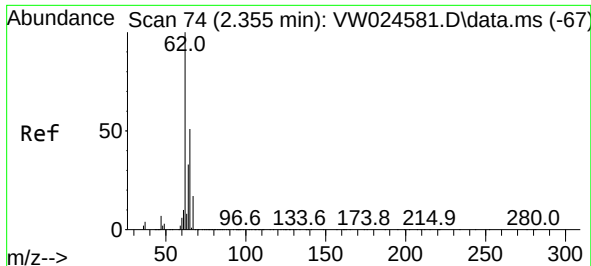
Tgt Ion: 85 Resp: 26886
 Ion Ratio Lower Upper
 85 100
 87 33.8 24.2 36.2



#3
 Chloromethane
 Concen: 24.863 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VW024587.D
 Acq: 08 Sep 2022 14:26

Tgt Ion: 50 Resp: 113366
 Ion Ratio Lower Upper
 50 100
 52 32.0 23.3 43.3

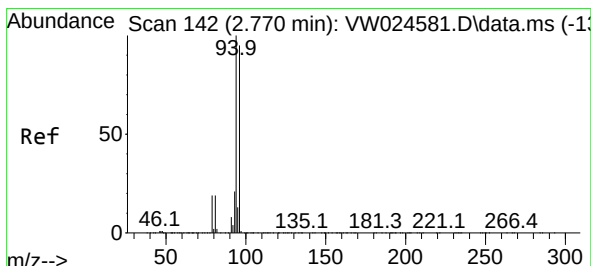
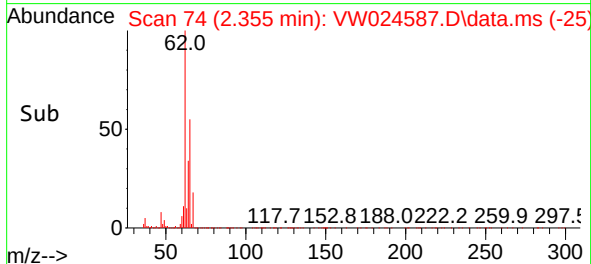
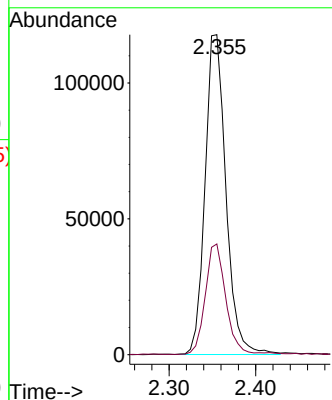
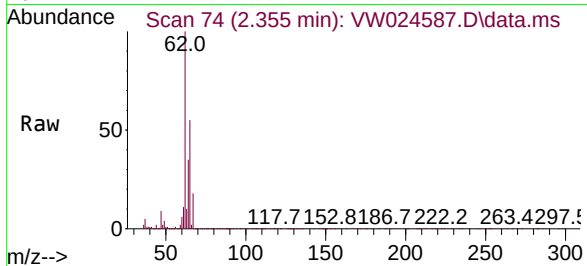




#5
 Vinyl chloride
 Concen: 25.679 ug/L
 RT: 2.355 min Scan# 74
 Delta R.T. 0.000 min
 Lab File: VW024587.D
 Acq: 08 Sep 2022 14:26

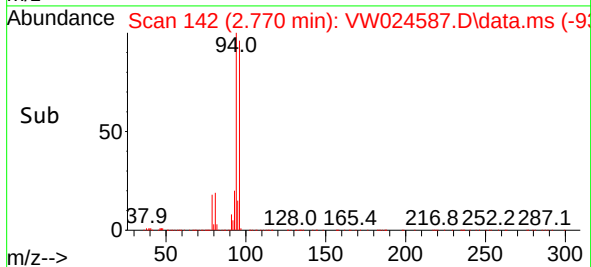
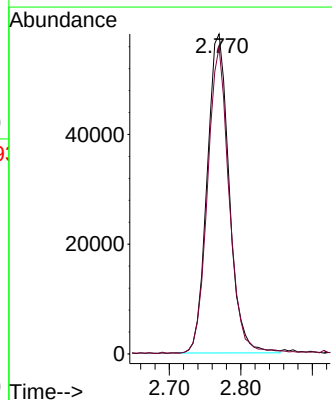
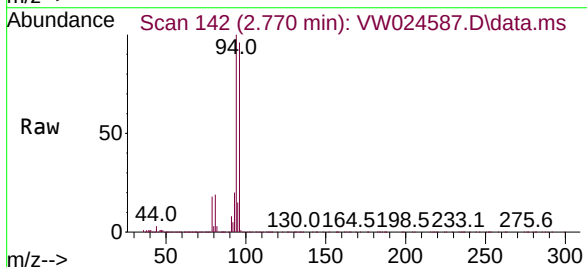
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025565

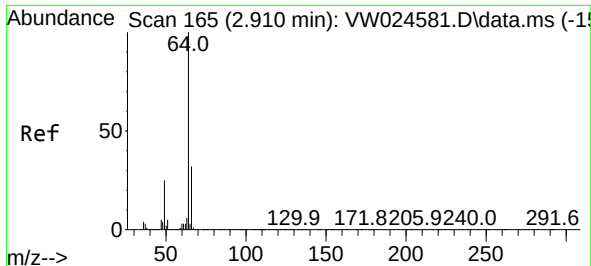
Tgt Ion: 62 Resp: 197393
 Ion Ratio Lower Upper
 62 100
 64 34.6 23.3 43.3



#6
 Bromomethane
 Concen: 24.816 ug/L
 RT: 2.770 min Scan# 142
 Delta R.T. 0.000 min
 Lab File: VW024587.D
 Acq: 08 Sep 2022 14:26

Tgt Ion: 94 Resp: 124360
 Ion Ratio Lower Upper
 94 100
 96 95.9 69.8 129.6

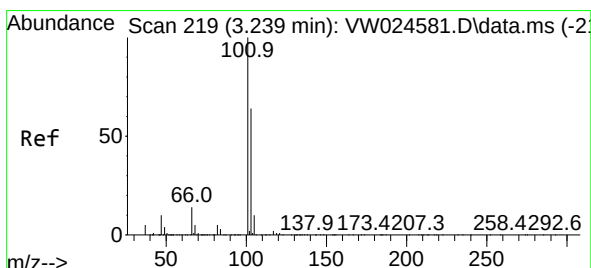
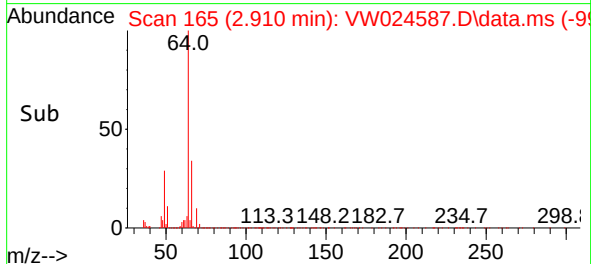
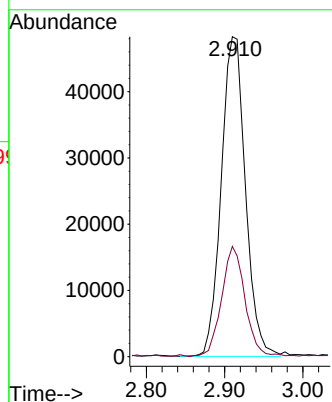
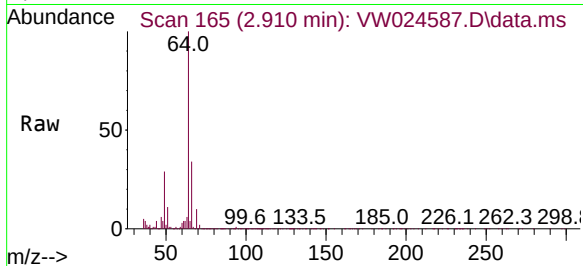




#8
Chloroethane
Concen: 24.759 ug/L
RT: 2.910 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW024587.D
Acq: 08 Sep 2022 14:26

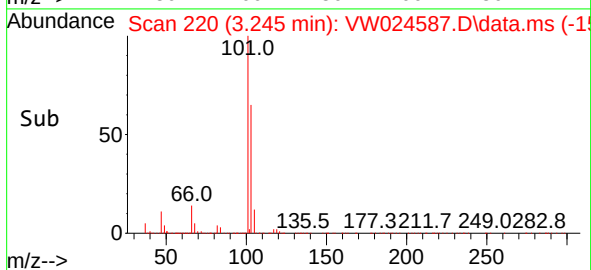
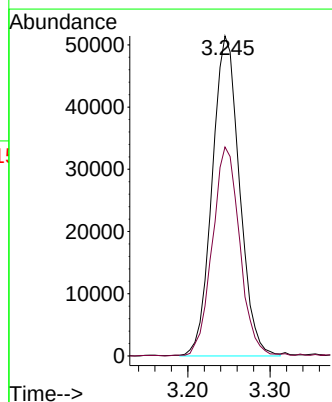
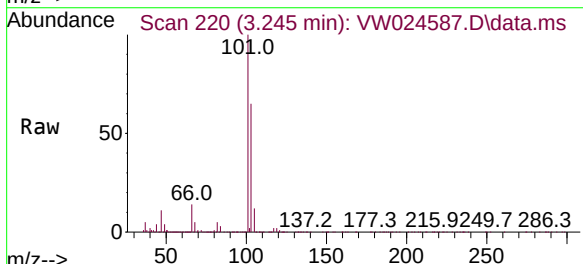
Instrument :
MSVOA_W
ClientSampleId :
VSTD025565

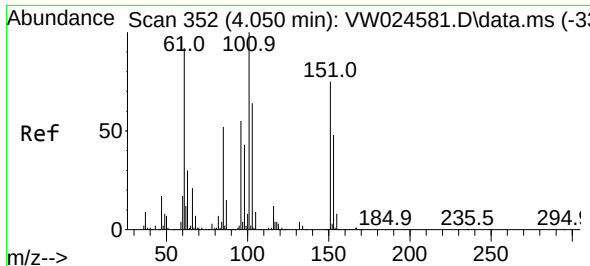
Tgt Ion: 64 Resp: 103543
Ion Ratio Lower Upper
64 100
66 34.5 23.7 44.1



#9
Trichlorofluoromethane
Concen: 26.717 ug/L
RT: 3.245 min Scan# 220
Delta R.T. 0.006 min
Lab File: VW024587.D
Acq: 08 Sep 2022 14:26

Tgt Ion: 101 Resp: 118735
Ion Ratio Lower Upper
101 100
103 65.3 52.5 78.7

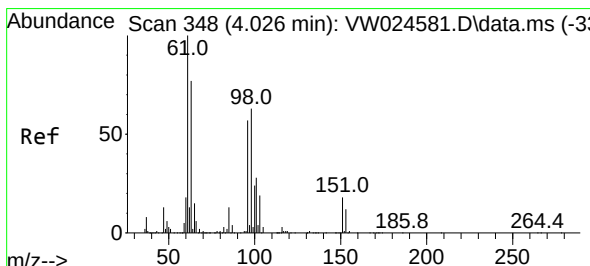
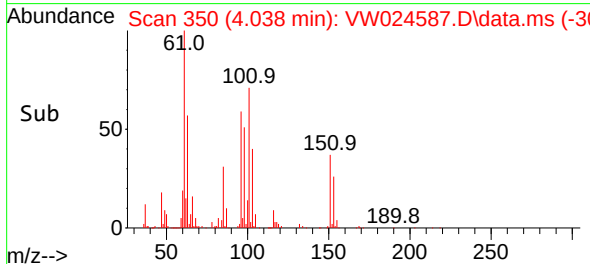
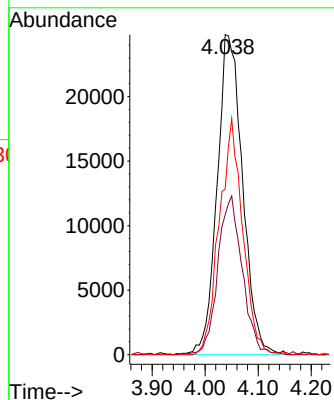
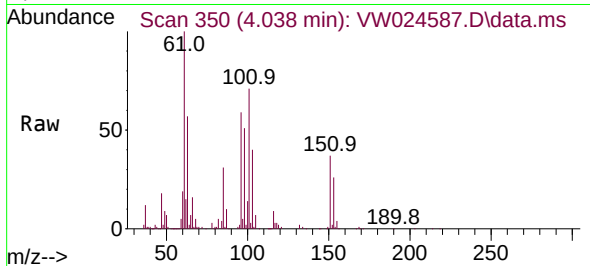




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 20.188 ug/L
 RT: 4.038 min Scan# 352
 Delta R.T. -0.012 min
 Lab File: VW024587.D
 Acq: 08 Sep 2022 14:26

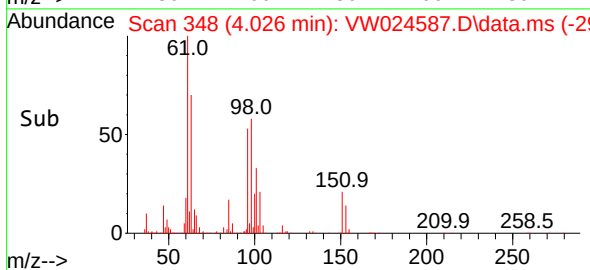
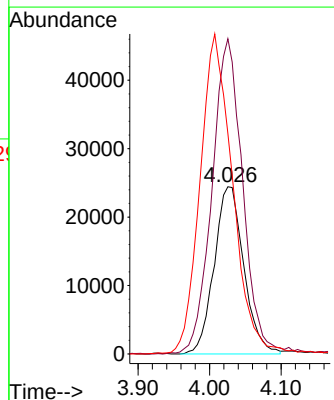
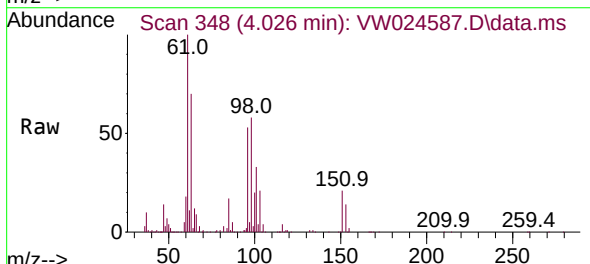
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025565

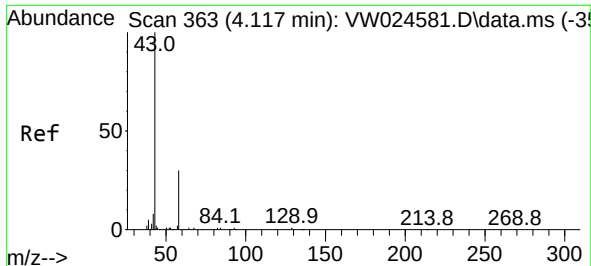
Tgt Ion: 101 Resp: 82661
 Ion Ratio Lower Upper
 101 100
 85 46.9 21.8 32.8#
 151 67.5 53.9 80.9



#12
 1,1-Dichloroethene
 Concen: 20.086 ug/L
 RT: 4.026 min Scan# 348
 Delta R.T. 0.000 min
 Lab File: VW024587.D
 Acq: 08 Sep 2022 14:26

Tgt Ion: 96 Resp: 70299
 Ion Ratio Lower Upper
 96 100
 61 188.4 119.8 222.6
 63 131.8 89.6 166.4

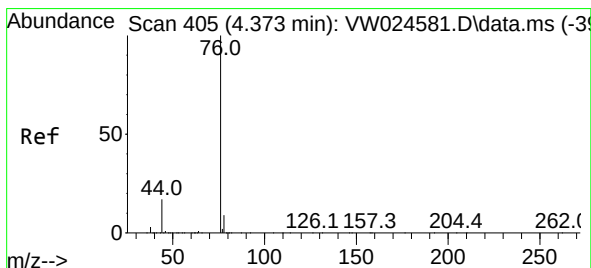
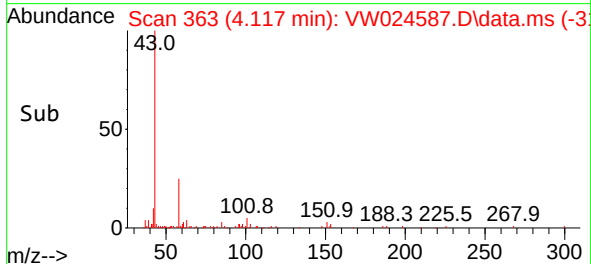
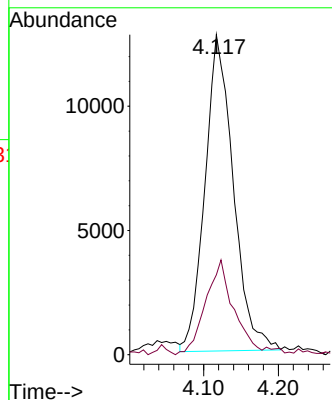
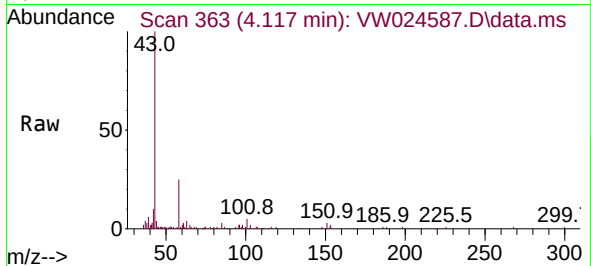




#13
Acetone
Concen: 38.695 ug/L
RT: 4.117 min Scan# 363
Delta R.T. 0.000 min
Lab File: VW024587.D
Acq: 08 Sep 2022 14:26

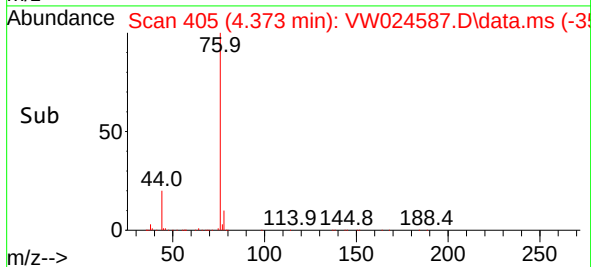
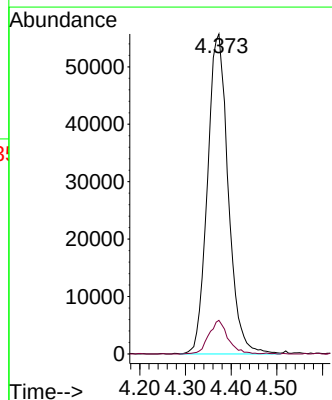
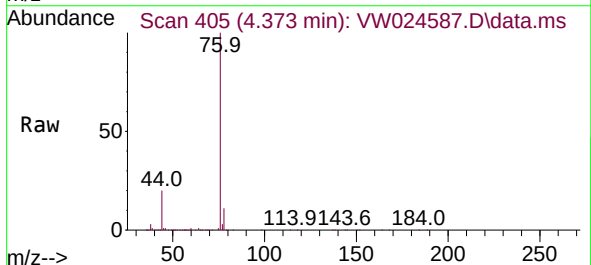
Instrument :
MSVOA_W
ClientSampleId :
VSTD025565

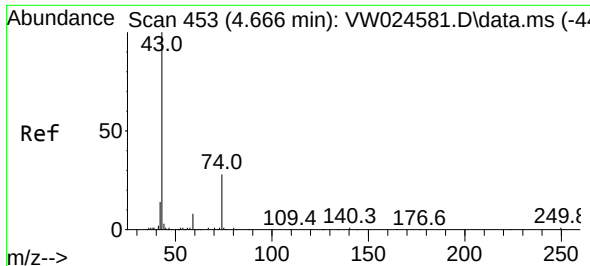
Tgt Ion: 43 Resp: 33567
Ion Ratio Lower Upper
43 100
58 29.7 0.0 57.8



#14
Carbon disulfide
Concen: 18.988 ug/L
RT: 4.373 min Scan# 405
Delta R.T. 0.000 min
Lab File: VW024587.D
Acq: 08 Sep 2022 14:26

Tgt Ion: 76 Resp: 175829
Ion Ratio Lower Upper
76 100
78 10.5 7.5 11.3

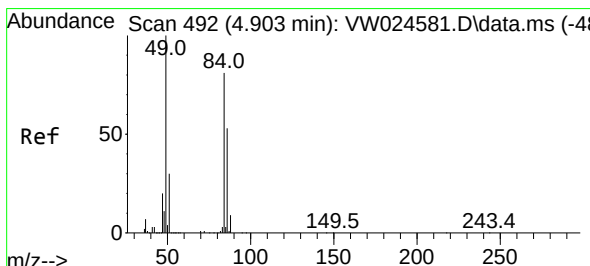
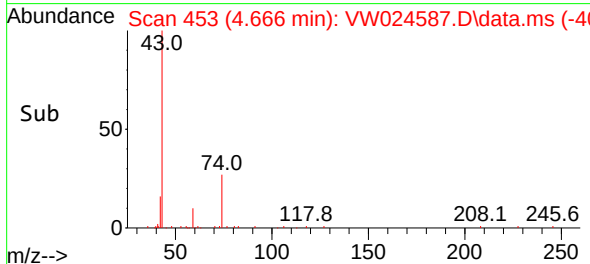
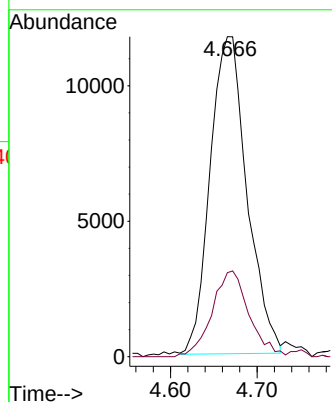
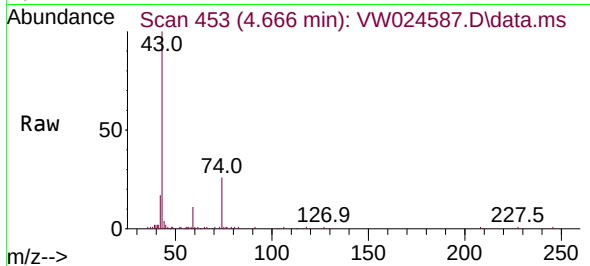




#15
Methyl Acetate
Concen: 18.894 ug/L
RT: 4.666 min Scan# 453
Delta R.T. 0.000 min
Lab File: VW024587.D
Acq: 08 Sep 2022 14:26

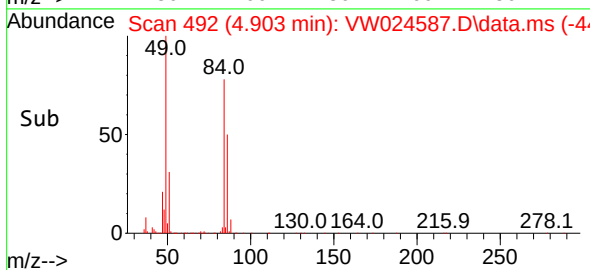
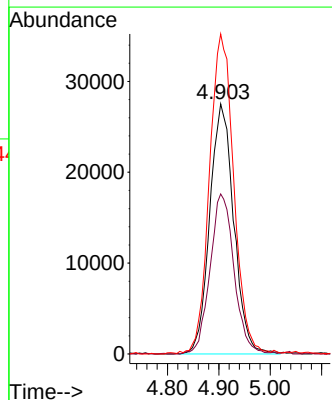
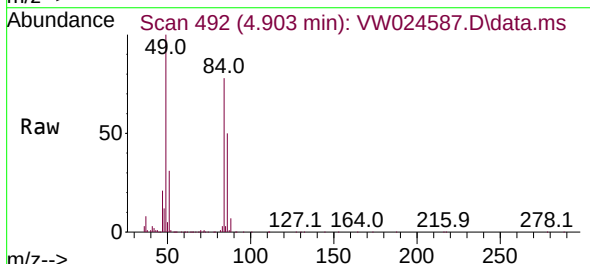
Instrument :
MSVOA_W
ClientSampleId :
VSTD025565

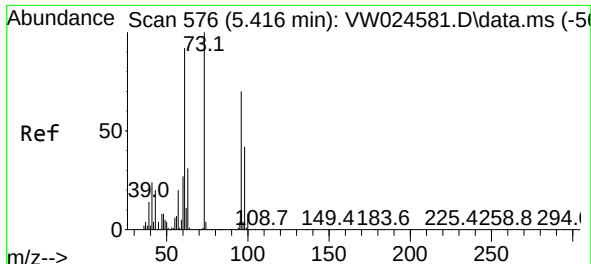
Tgt Ion: 43 Resp: 34643
Ion Ratio Lower Upper
43 100
74 27.0 19.9 29.9



#16
Methylene chloride
Concen: 19.581 ug/L
RT: 4.903 min Scan# 492
Delta R.T. 0.000 min
Lab File: VW024587.D
Acq: 08 Sep 2022 14:26

Tgt Ion: 84 Resp: 89441
Ion Ratio Lower Upper
84 100
86 64.0 44.4 82.5
49 128.0 88.5 164.3

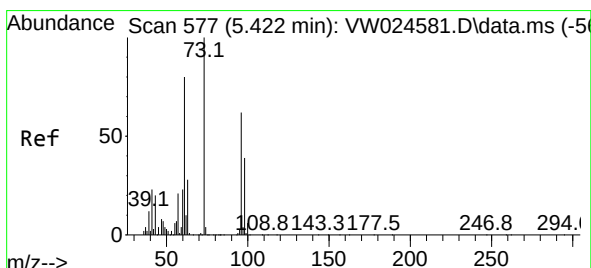
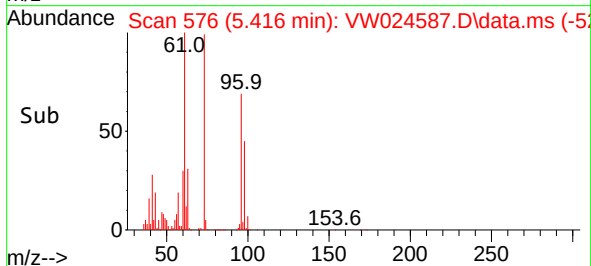
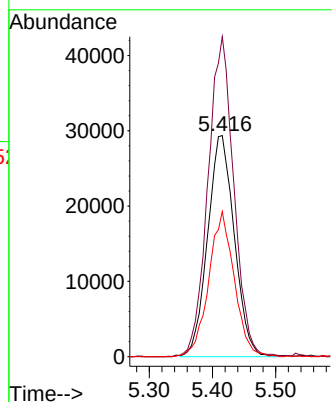
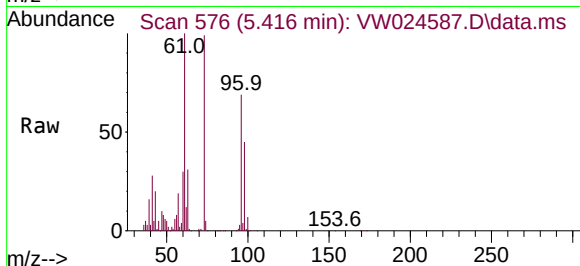




#17
trans-1,2-Dichloroethene
Concen: 21.485 ug/L
RT: 5.416 min Scan# 576
Delta R.T. 0.000 min
Lab File: VW024587.D
Acq: 08 Sep 2022 14:26

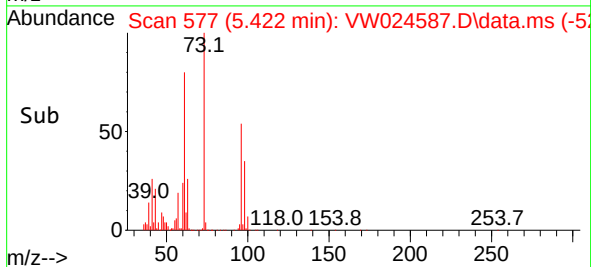
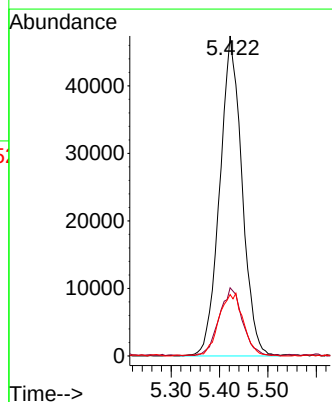
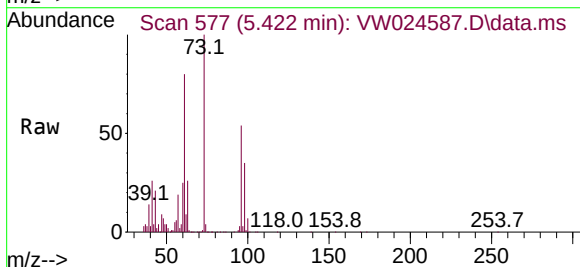
Instrument :
MSVOA_W
ClientSampleId :
VSTD025565

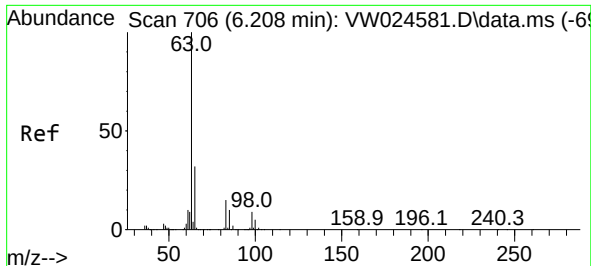
Tgt Ion: 96 Resp: 86133
Ion Ratio Lower Upper
96 100
61 144.7 91.7 170.3
98 65.6 43.6 81.0



#18
Methyl tert-butyl Ether
Concen: 21.200 ug/L
RT: 5.422 min Scan# 577
Delta R.T. 0.000 min
Lab File: VW024587.D
Acq: 08 Sep 2022 14:26

Tgt Ion: 73 Resp: 151360
Ion Ratio Lower Upper
73 100
43 22.0 16.7 25.1
57 21.5 16.8 25.2





#19

1,1-Dichloroethane

Concen: 22.452 ug/L

RT: 6.208 min Scan# 706

Delta R.T. 0.000 min

Lab File: VW024587.D

Acq: 08 Sep 2022 14:26

Instrument :

MSVOA_W

ClientSampleId :

VSTD025565

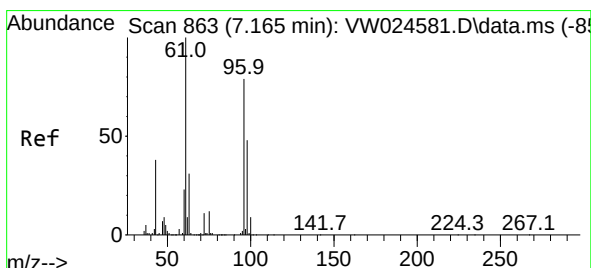
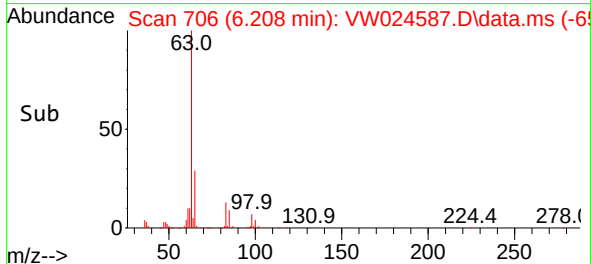
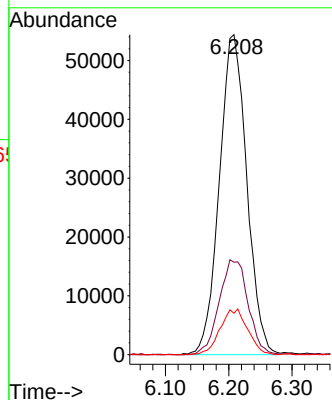
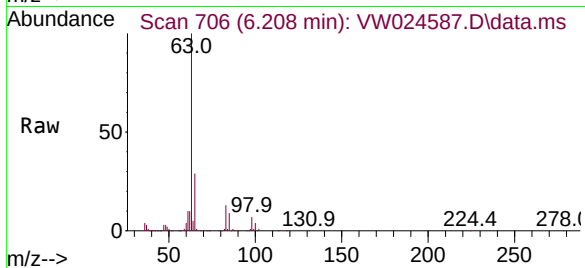
Tgt Ion: 63 Resp: 163763

Ion Ratio Lower Upper

63 100

65 28.9 22.0 41.0

83 13.0 9.5 17.7



#20

cis-1,2-Dichloroethene

Concen: 22.379 ug/L

RT: 7.159 min Scan# 862

Delta R.T. -0.006 min

Lab File: VW024587.D

Acq: 08 Sep 2022 14:26

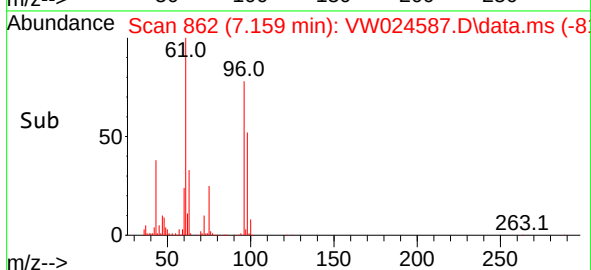
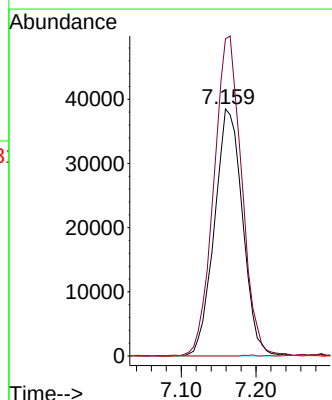
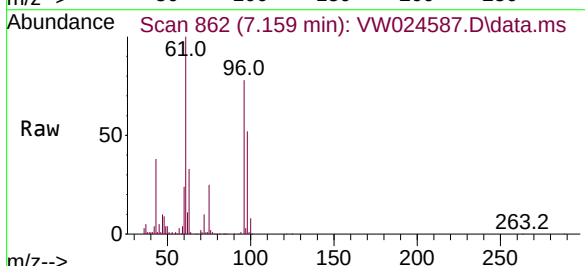
Tgt Ion: 96 Resp: 100661

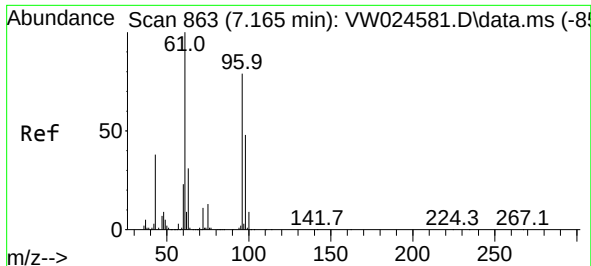
Ion Ratio Lower Upper

96 100

61 128.4 91.2 169.4

68 0.0 0.0 0.0

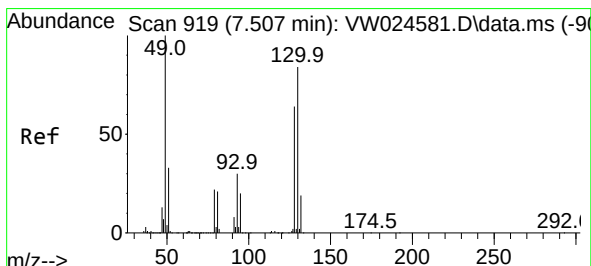
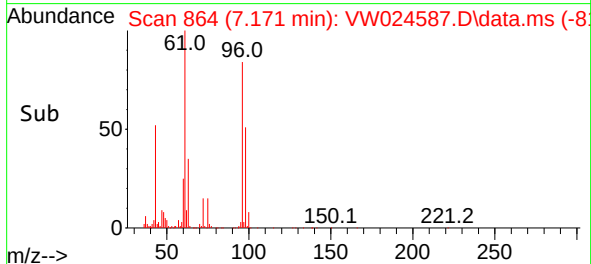
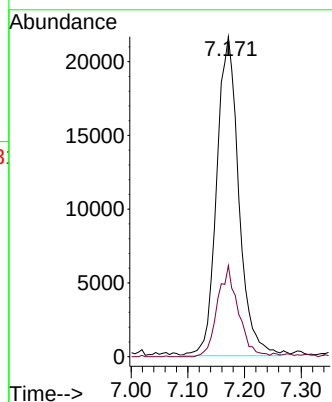
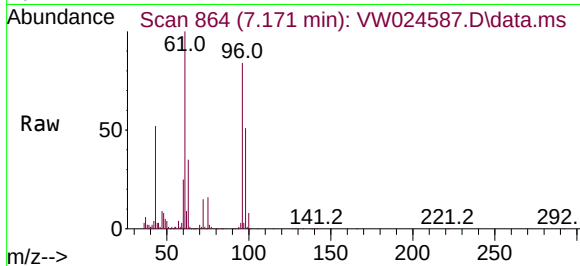




#22
2-Butanone
Concen: 41.785 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.006 min
Lab File: VW024587.D
Acq: 08 Sep 2022 14:26

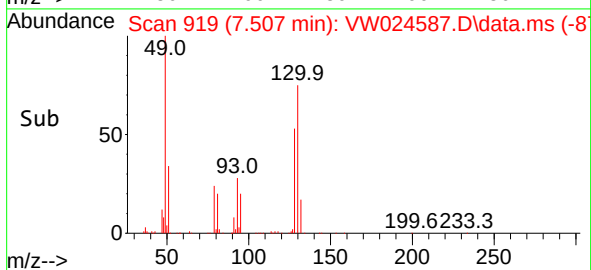
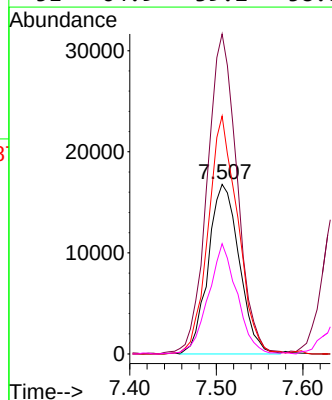
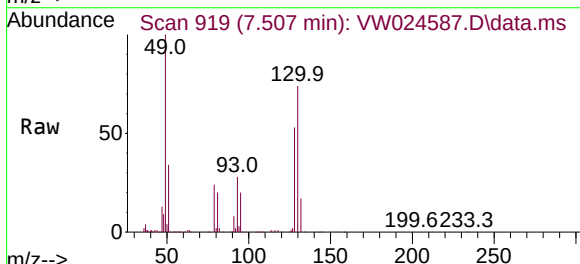
Instrument :
MSVOA_W
ClientSampleId :
VSTD025565

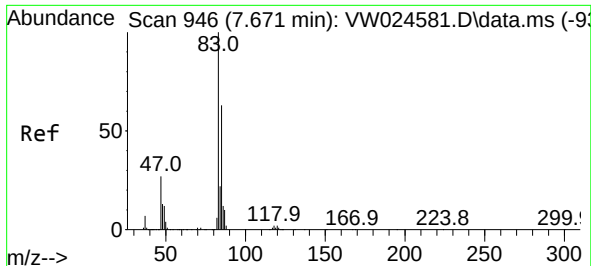
Tgt Ion: 43 Resp: 58632
Ion Ratio Lower Upper
43 100
72 26.8 15.4 46.4



#23
Bromochloromethane
Concen: 20.277 ug/L
RT: 7.507 min Scan# 919
Delta R.T. 0.000 min
Lab File: VW024587.D
Acq: 08 Sep 2022 14:26

Tgt Ion: 128 Resp: 41757
Ion Ratio Lower Upper
128 100
49 188.6 110.0 204.2
130 140.2 88.3 163.9
51 64.9 39.2 58.8

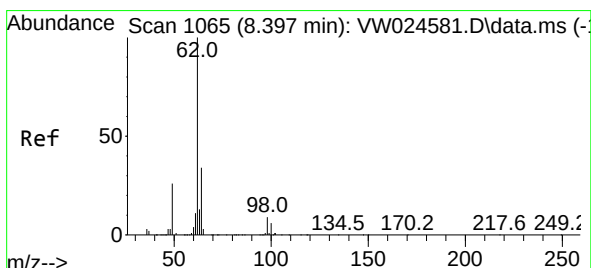
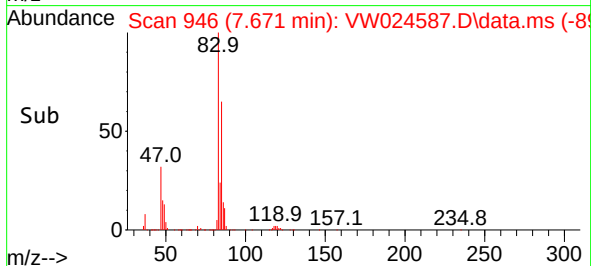
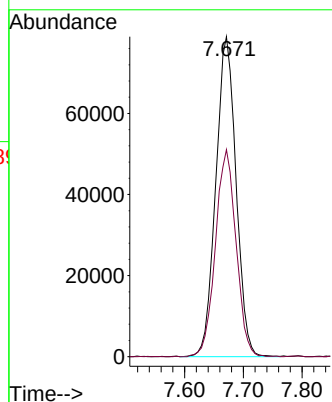
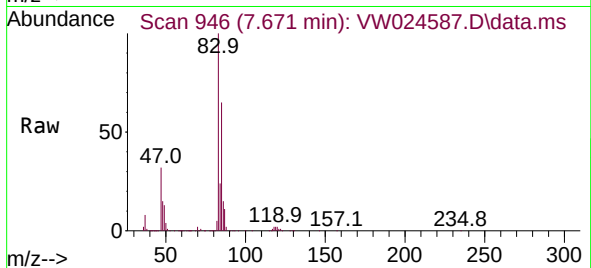




#25
Chloroform
Concen: 23.317 ug/L
RT: 7.671 min Scan# 946
Delta R.T. 0.000 min
Lab File: VW024587.D
Acq: 08 Sep 2022 14:26

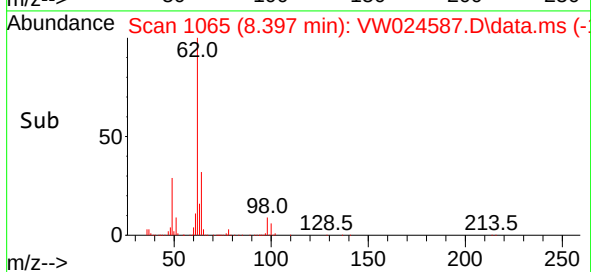
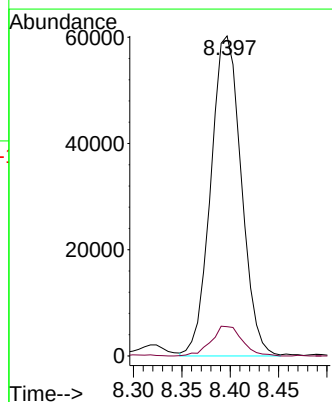
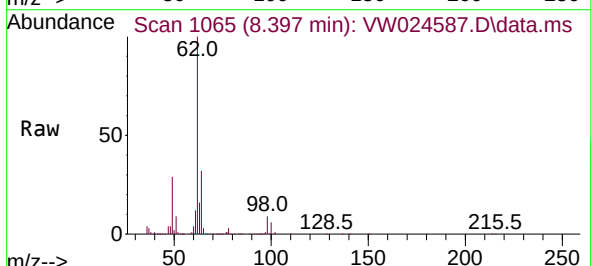
Instrument :
MSVOA_W
ClientSampleId :
VSTD025565

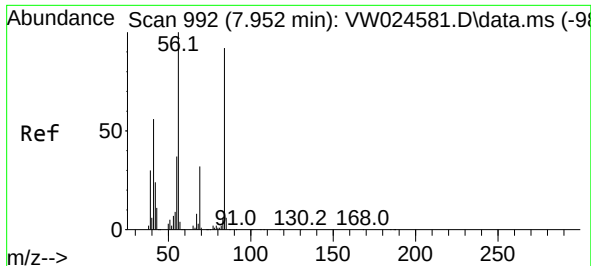
Tgt Ion: 83 Resp: 188926
Ion Ratio Lower Upper
83 100
85 64.7 46.4 86.2



#27
1,2-Dichloroethane
Concen: 24.293 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VW024587.D
Acq: 08 Sep 2022 14:26

Tgt Ion: 62 Resp: 132303
Ion Ratio Lower Upper
62 100
98 9.2 7.4 11.0





#29

Cyclohexane

Concen: 22.451 ug/L

RT: 7.946 min Scan# 991

Delta R.T. -0.006 min

Lab File: VW024587.D

Acq: 08 Sep 2022 14:26

Instrument :

MSVOA_W

ClientSampleId :

VSTD025565

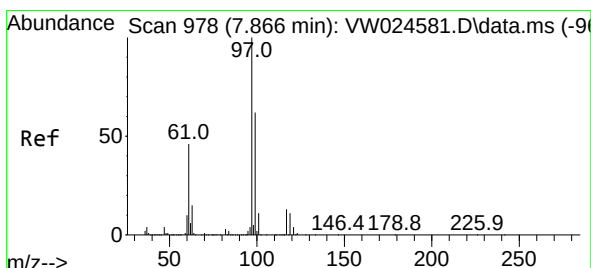
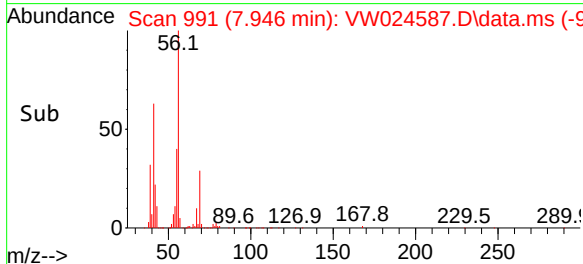
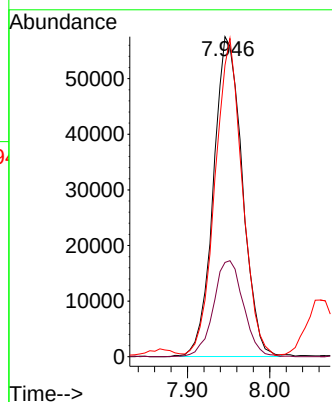
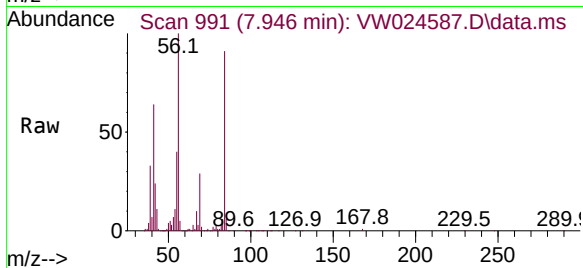
Tgt Ion: 56 Resp: 140075

Ion Ratio Lower Upper

56 100

69 31.0 24.5 36.7

84 94.2 75.7 113.5



#30

1,1,1-Trichloroethane

Concen: 21.881 ug/L

RT: 7.866 min Scan# 978

Delta R.T. 0.000 min

Lab File: VW024587.D

Acq: 08 Sep 2022 14:26

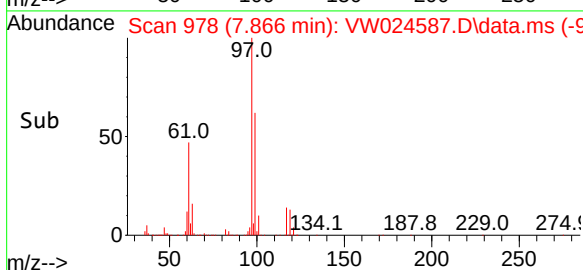
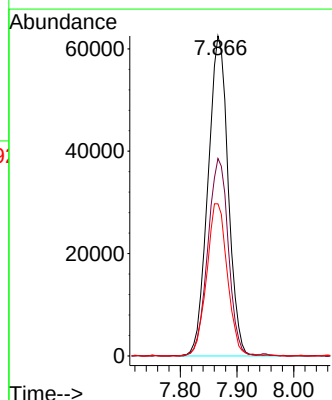
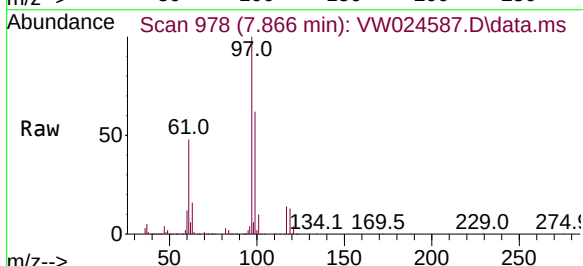
Tgt Ion: 97 Resp: 154649

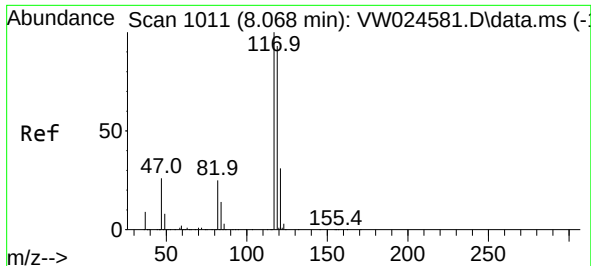
Ion Ratio Lower Upper

97 100

99 62.6 51.5 77.3

61 48.6 37.2 55.8

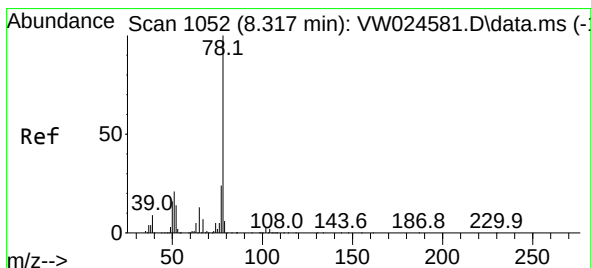
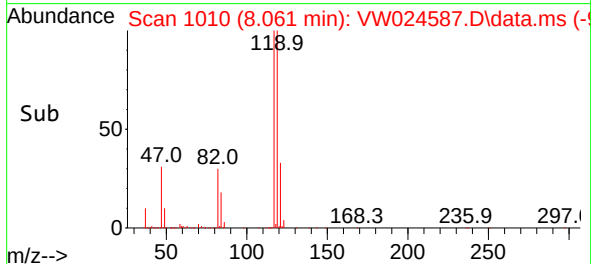
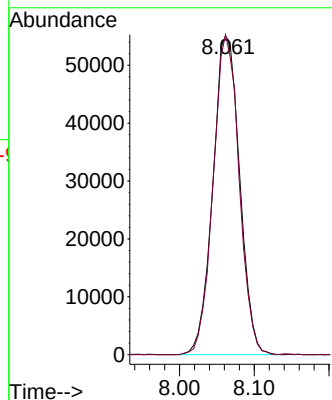
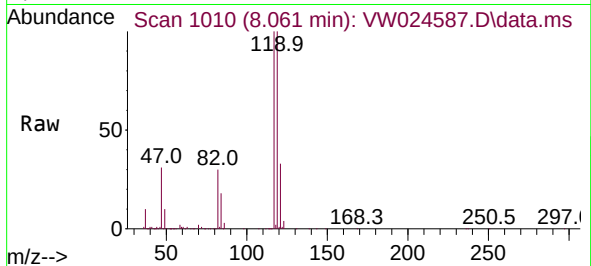




#31
Carbon tetrachloride
Concen: 21.260 ug/L
RT: 8.061 min Scan# 1010
Delta R.T. -0.006 min
Lab File: VW024587.D
Acq: 08 Sep 2022 14:26

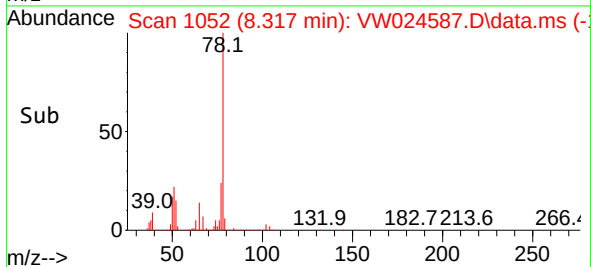
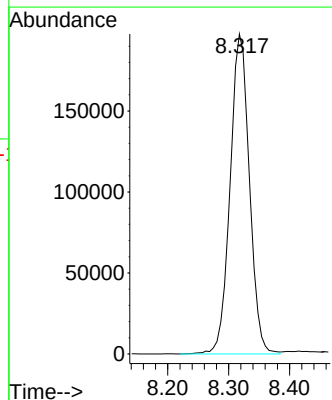
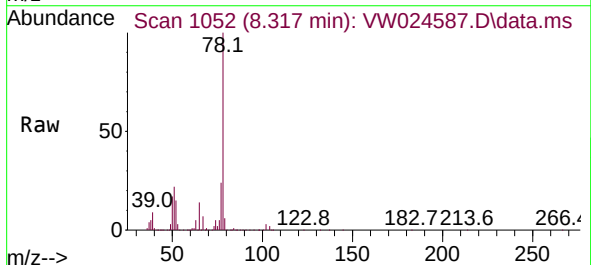
Instrument :
MSVOA_W
ClientSampleId :
VSTD025565

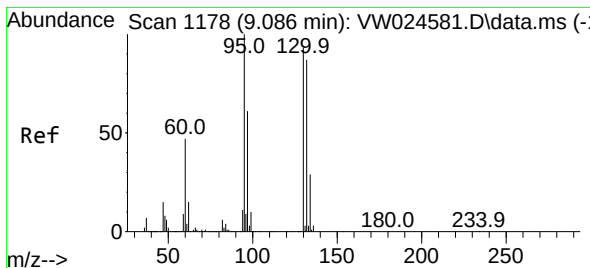
Tgt Ion:117 Resp: 137238
Ion Ratio Lower Upper
117 100
119 97.0 74.4 111.6



#33
Benzene
Concen: 23.757 ug/L
RT: 8.317 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VW024587.D
Acq: 08 Sep 2022 14:26

Tgt Ion: 78 Resp: 434544





#34

Trichloroethene

Concen: 22.895 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. 0.006 min

Lab File: VW024587.D

Acq: 08 Sep 2022 14:26

Instrument :

MSVOA_W

ClientSampleId :

VSTD025565

Tgt Ion: 95 Resp: 109375

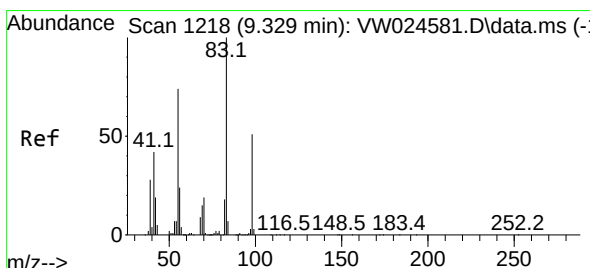
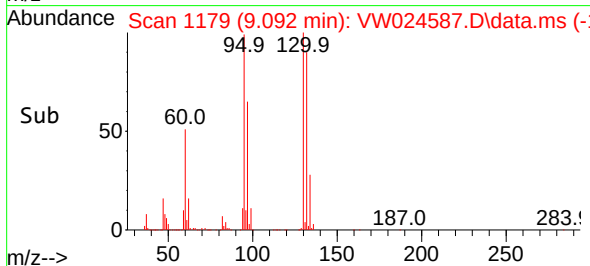
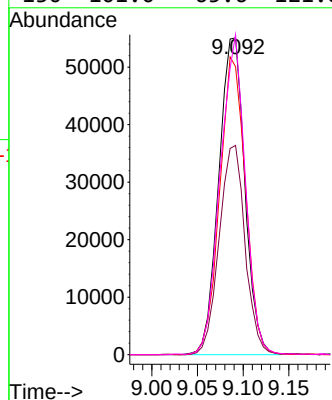
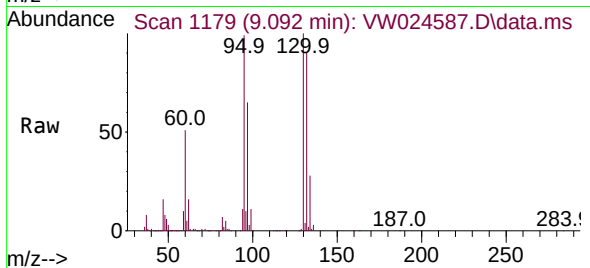
Ion Ratio Lower Upper

95 100

97 66.1 45.9 85.3

132 90.9 62.6 116.2

130 101.0 65.6 121.8



#35

Methylcyclohexane

Concen: 23.200 ug/L

RT: 9.329 min Scan# 1218

Delta R.T. 0.000 min

Lab File: VW024587.D

Acq: 08 Sep 2022 14:26

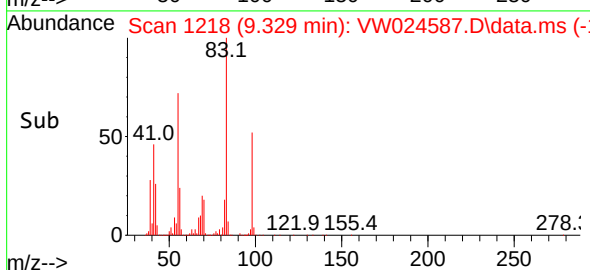
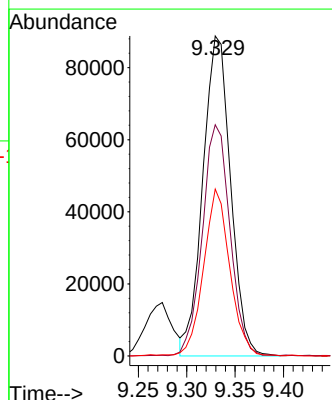
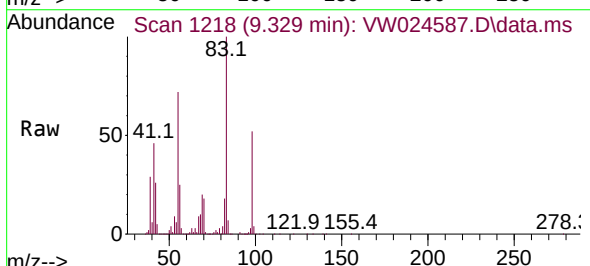
Tgt Ion: 83 Resp: 177322

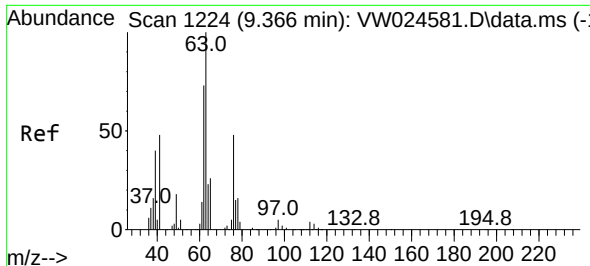
Ion Ratio Lower Upper

83 100

55 72.1 57.3 85.9

98 49.3 40.4 60.6





#37

1,2-Dichloropropane

Concen: 22.891 ug/L

RT: 9.366 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW024587.D

Acq: 08 Sep 2022 14:26

Instrument :

MSVOA_W

ClientSampleId :

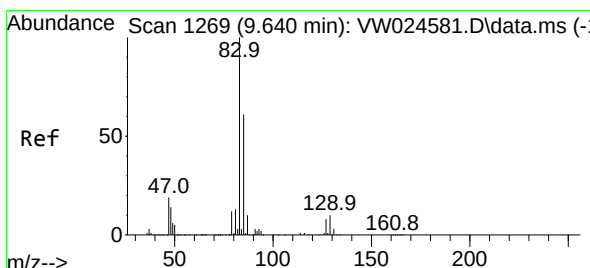
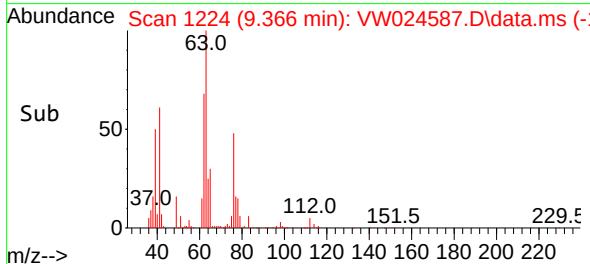
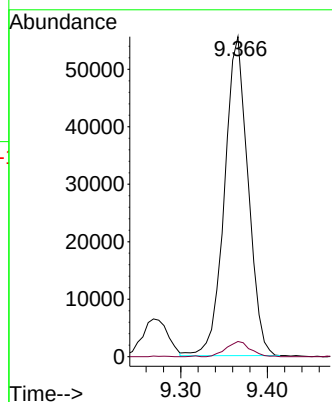
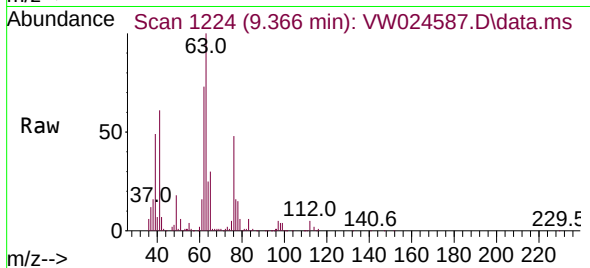
VSTD025565

Tgt Ion: 63 Resp: 104573

Ion Ratio Lower Upper

63 100

112 4.9 3.9 5.9



#38

Bromodichloromethane

Concen: 23.498 ug/L

RT: 9.640 min Scan# 1269

Delta R.T. 0.000 min

Lab File: VW024587.D

Acq: 08 Sep 2022 14:26

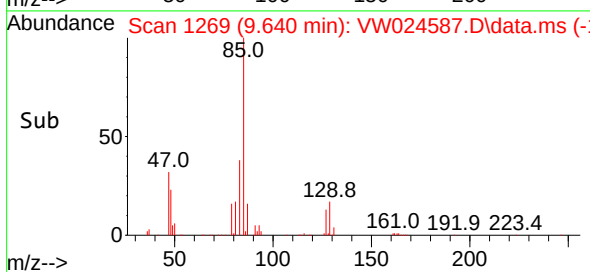
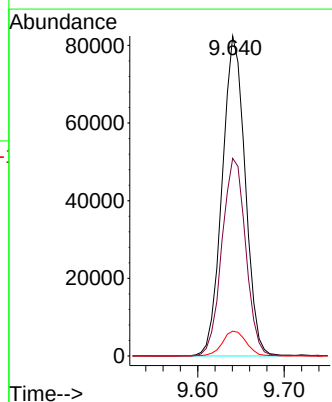
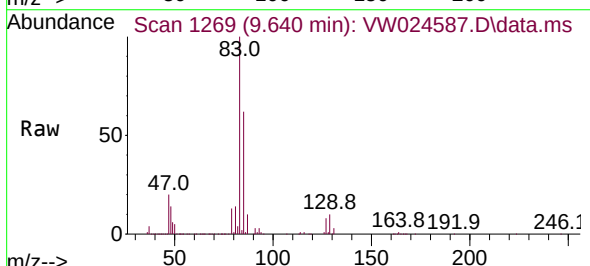
Tgt Ion: 83 Resp: 151716

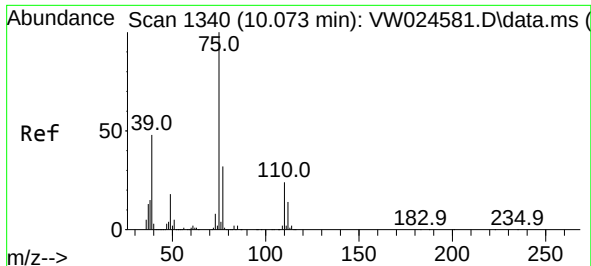
Ion Ratio Lower Upper

83 100

85 61.8 45.1 83.9

127 7.8 7.3 10.9





#39

cis-1,3-Dichloropropene

Concen: 24.850 ug/L

RT: 10.067 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW024587.D

Acq: 08 Sep 2022 14:26

Instrument :

MSVOA_W

ClientSampleId :

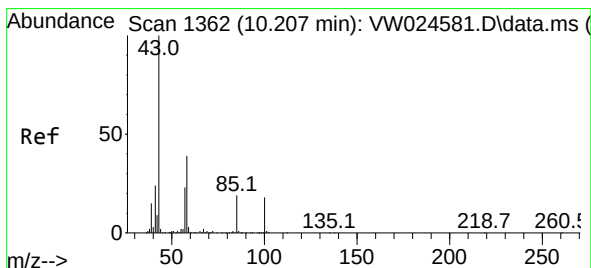
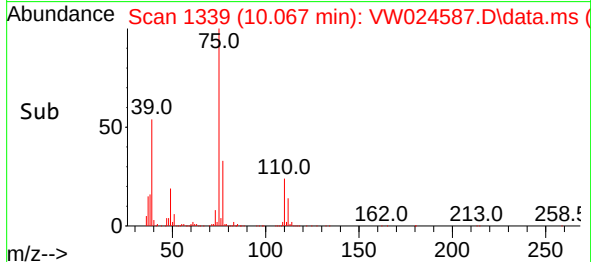
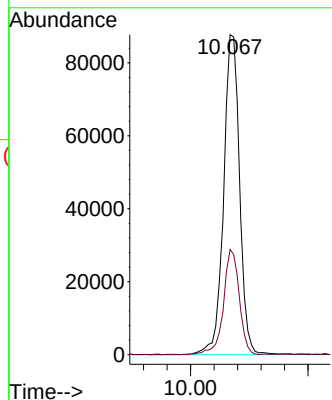
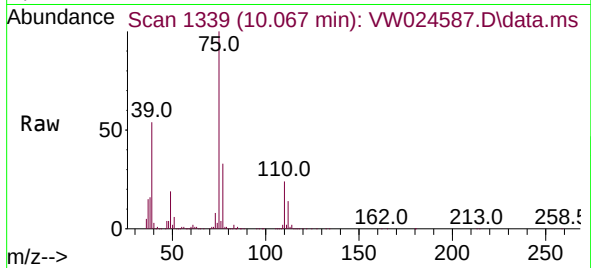
VSTD025565

Tgt Ion: 75 Resp: 165983

Ion Ratio Lower Upper

75 100

77 32.8 21.9 40.7



#40

4-Methyl-2-pentanone

Concen: 45.186 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW024587.D

Acq: 08 Sep 2022 14:26

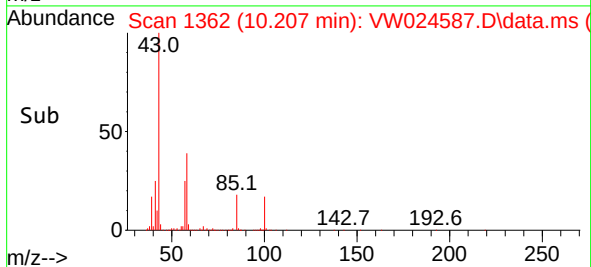
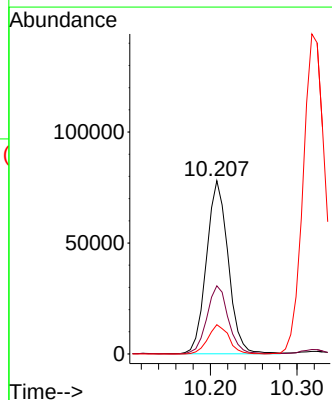
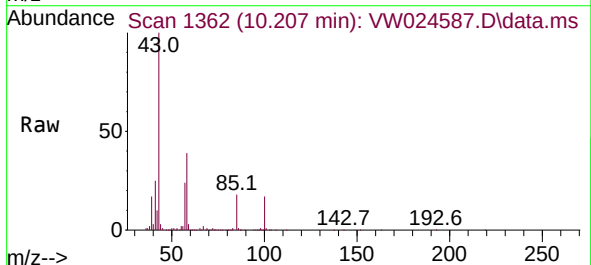
Tgt Ion: 43 Resp: 136166

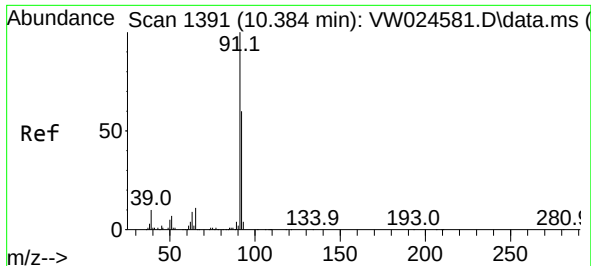
Ion Ratio Lower Upper

43 100

58 39.0 30.9 46.3

100 16.3 13.3 19.9

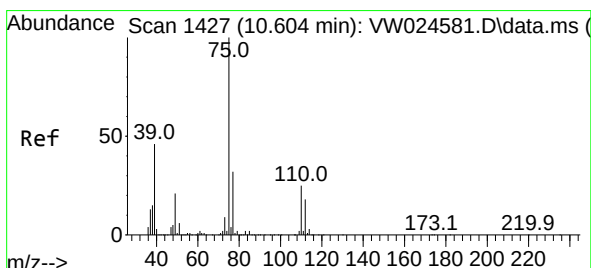
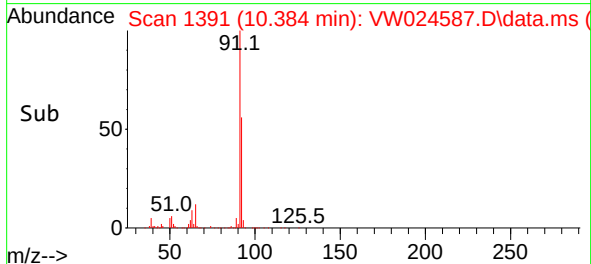
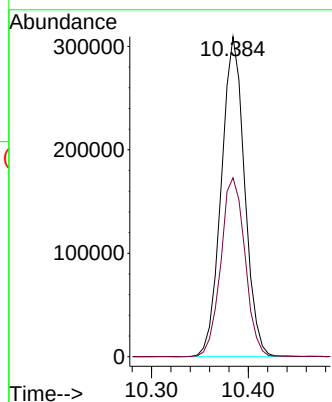
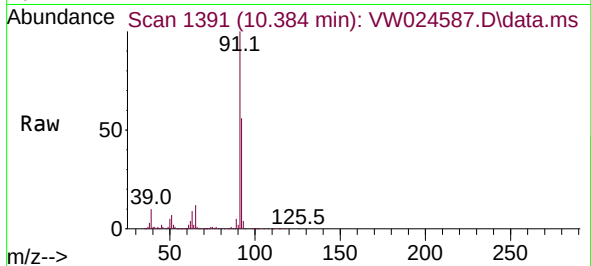




#42
Toluene
Concen: 25.582 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VW024587.D
Acq: 08 Sep 2022 14:26

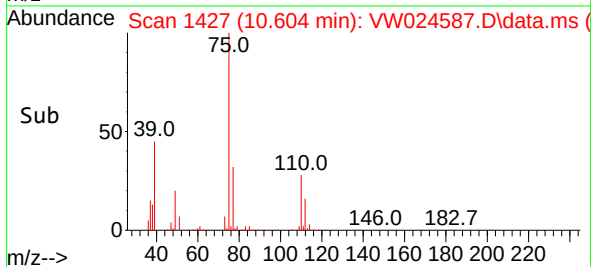
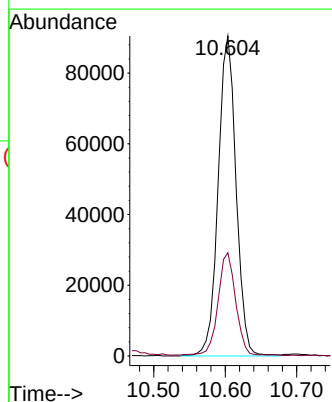
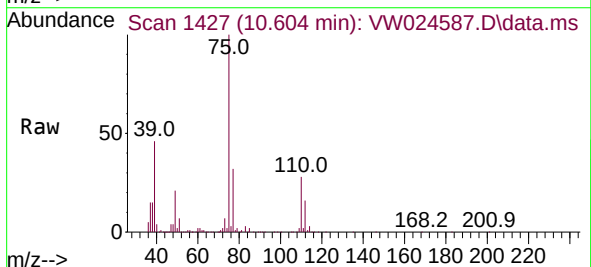
Instrument :
MSVOA_W
ClientSampleId :
VSTD025565

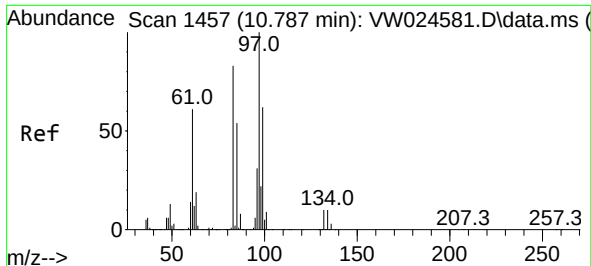
Tgt Ion: 91 Resp: 515865
Ion Ratio Lower Upper
91 100
92 55.9 40.8 75.8



#44
trans-1,3-Dichloropropene
Concen: 24.972 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW024587.D
Acq: 08 Sep 2022 14:26

Tgt Ion: 75 Resp: 157548
Ion Ratio Lower Upper
75 100
77 32.3 21.8 40.4

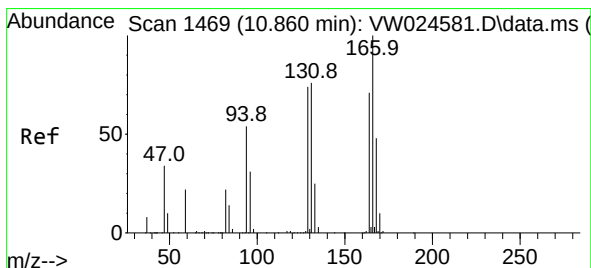
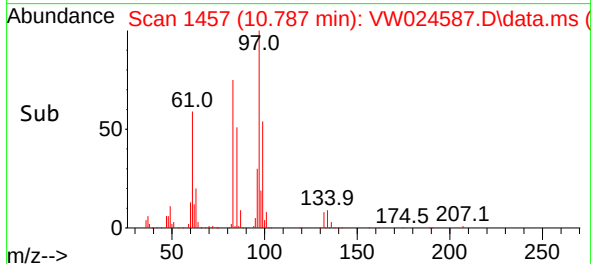
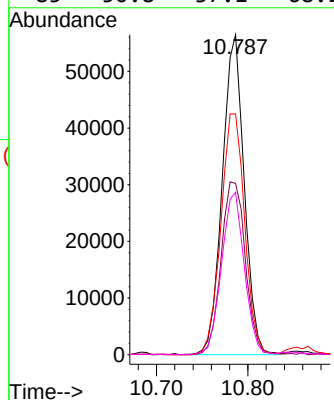
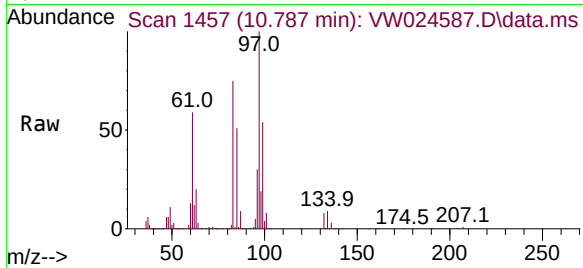




#45
1,1,2-Trichloroethane
Concen: 24.654 ug/L
RT: 10.787 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW024587.D
Acq: 08 Sep 2022 14:26

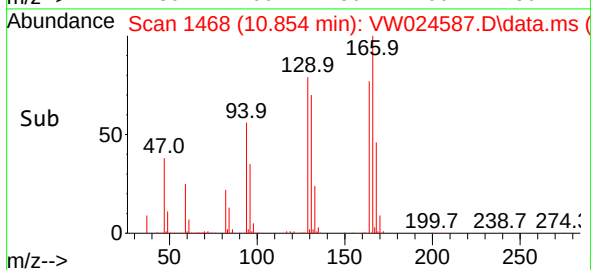
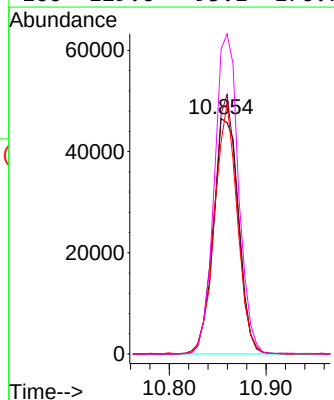
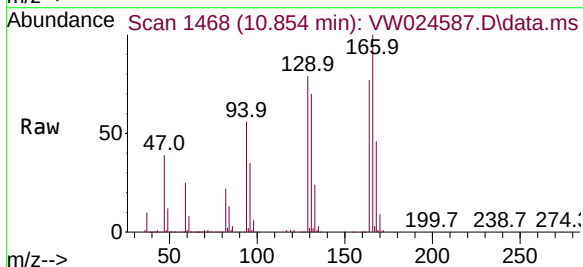
Instrument :
MSVOA_W
ClientSampleId :
VSTD025565

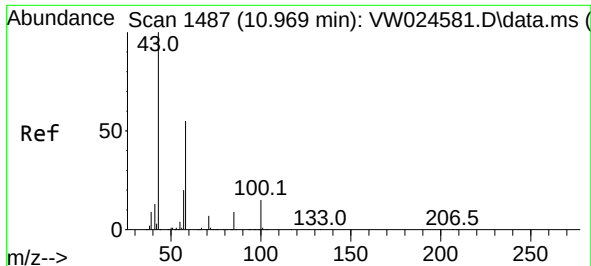
Tgt Ion:	97	Resp:	94129
Ion	Ratio	Lower	Upper
97	100		
99	53.6	41.9	77.9
83	75.3	58.2	108.0
85	50.8	37.1	68.9



#46
Tetrachloroethene
Concen: 23.971 ug/L
RT: 10.854 min Scan# 1468
Delta R.T. -0.006 min
Lab File: VW024587.D
Acq: 08 Sep 2022 14:26

Tgt Ion:	164	Resp:	84378
Ion	Ratio	Lower	Upper
164	100		
129	102.1	75.0	139.2
131	90.4	70.1	130.1
166	129.6	95.1	176.7

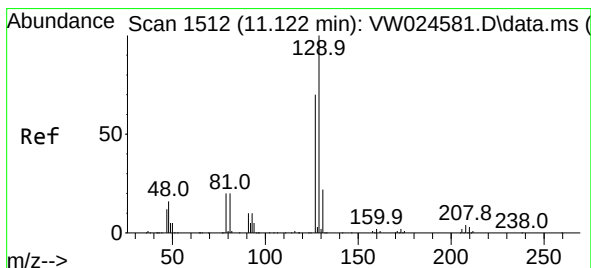
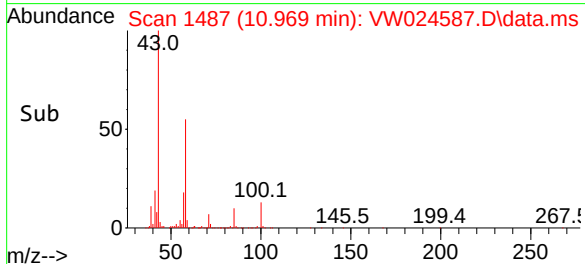
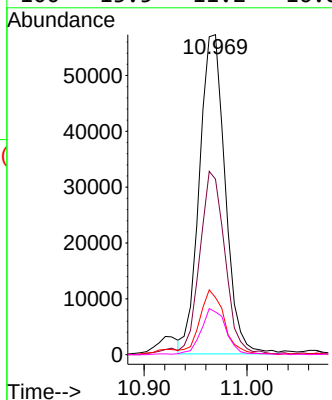
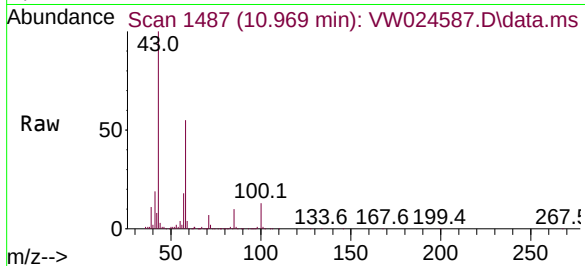




#48
2-Hexanone
Concen: 48.349 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW024587.D
Acq: 08 Sep 2022 14:26

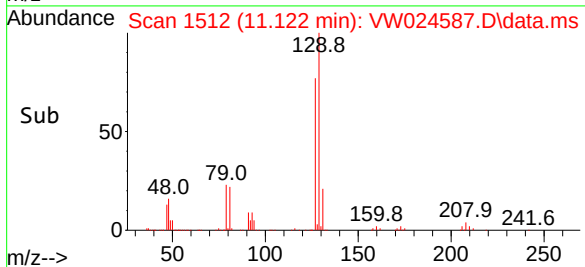
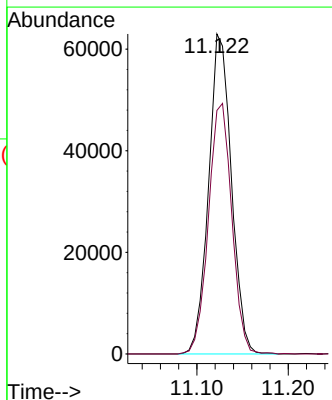
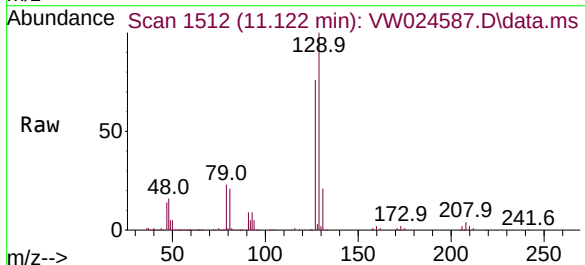
Instrument :
MSVOA_W
ClientSampleId :
VSTD025565

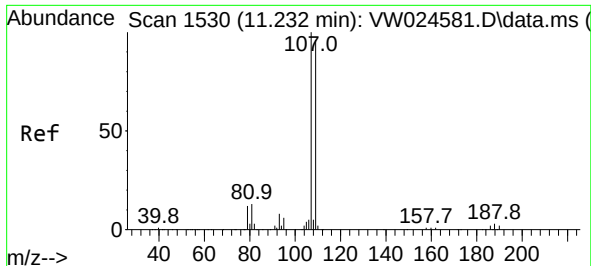
Tgt Ion:	43	Resp:	99916
Ion	Ratio	Lower	Upper
43	100		
58	56.1	43.7	65.5
57	19.1	15.3	22.9
100	13.5	11.2	16.8



#49
Dibromochloromethane
Concen: 24.464 ug/L
RT: 11.122 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VW024587.D
Acq: 08 Sep 2022 14:26

Tgt Ion:	129	Resp:	109189
Ion	Ratio	Lower	Upper
129	100		
127	76.1	56.1	104.1

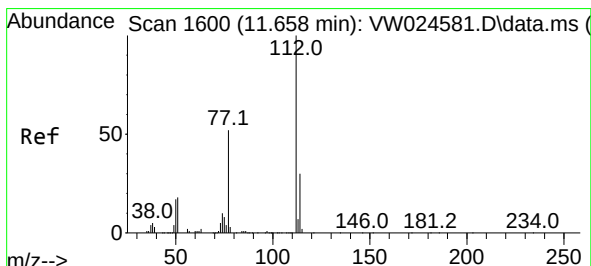
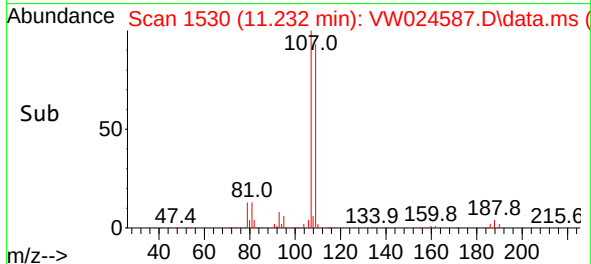
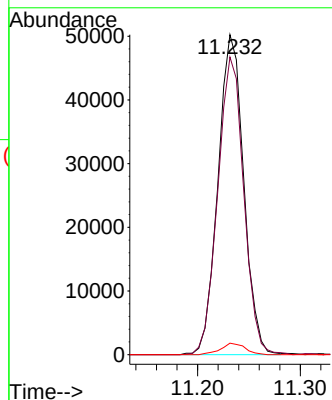
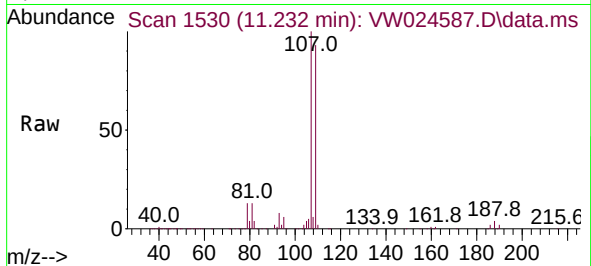




#50
1,2-Dibromoethane
Concen: 23.529 ug/L
RT: 11.232 min Scan# 1530
Delta R.T. 0.000 min
Lab File: VW024587.D
Acq: 08 Sep 2022 14:26

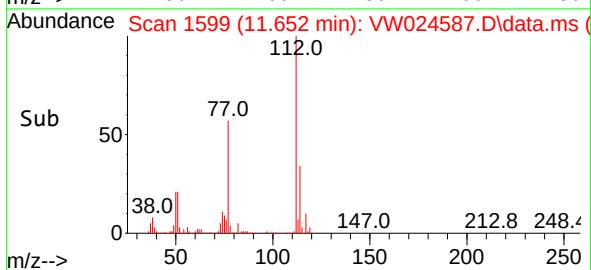
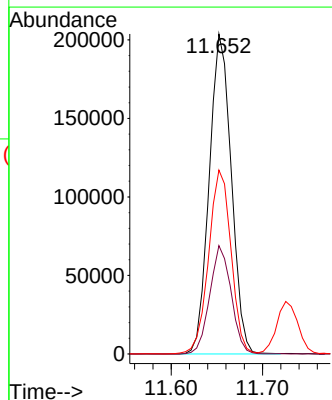
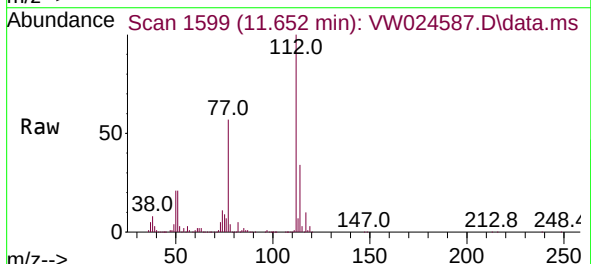
Instrument :
MSVOA_W
ClientSampleId :
VSTD025565

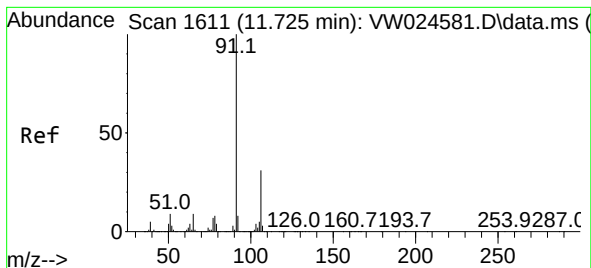
Tgt Ion:107 Resp: 87187
Ion Ratio Lower Upper
107 100
109 93.0 64.5 119.9
188 3.6 3.0 4.4



#51
Chlorobenzene
Concen: 24.512 ug/L
RT: 11.652 min Scan# 1599
Delta R.T. -0.006 min
Lab File: VW024587.D
Acq: 08 Sep 2022 14:26

Tgt Ion:112 Resp: 341483
Ion Ratio Lower Upper
112 100
114 33.8 20.0 37.2
77 57.5 42.6 63.8

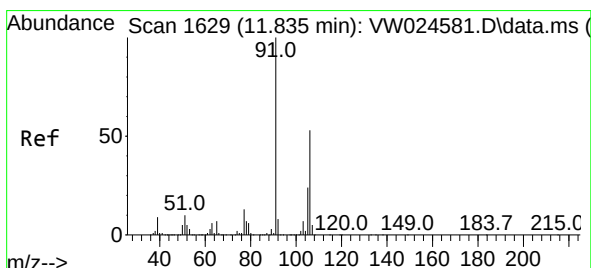
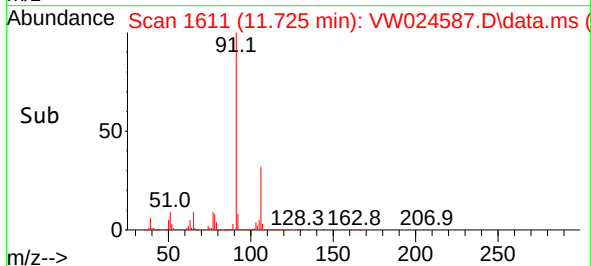
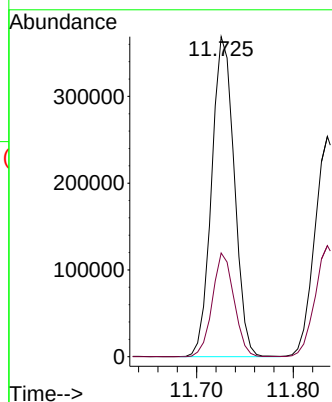
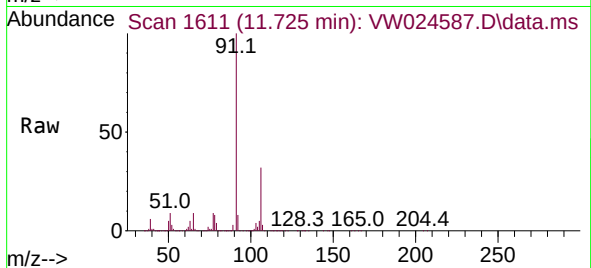




#52
Ethylbenzene
Concen: 26.193 ug/L
RT: 11.725 min Scan# 1611
Delta R.T. 0.000 min
Lab File: VW024587.D
Acq: 08 Sep 2022 14:26

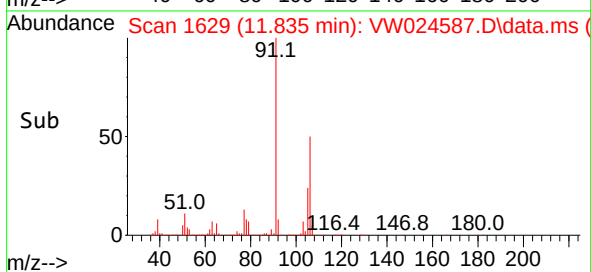
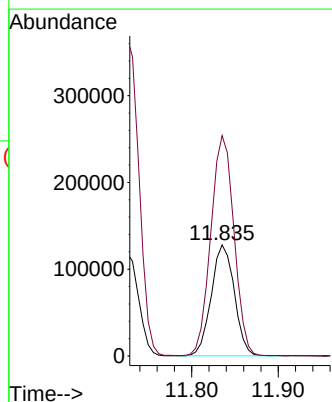
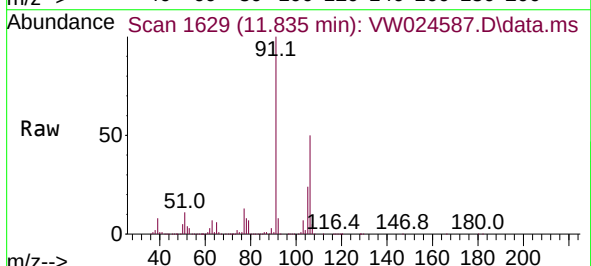
Instrument :
MSVOA_W
ClientSampleId :
VSTD025565

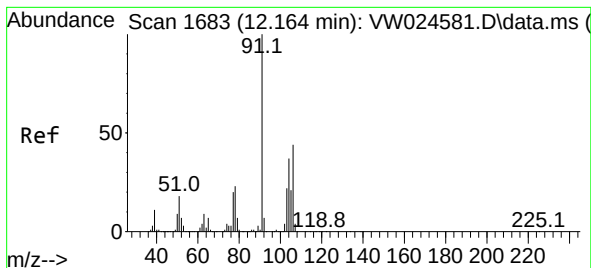
Tgt Ion: 91 Resp: 599704
Ion Ratio Lower Upper
91 100
106 32.4 23.8 44.2



#53
m,p-Xylene
Concen: 26.426 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW024587.D
Acq: 08 Sep 2022 14:26

Tgt Ion:106 Resp: 236381
Ion Ratio Lower Upper
106 100
91 198.4 131.3 243.8





#54

o-Xylene

Concen: 26.856 ug/L

RT: 12.164 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW024587.D

Acq: 08 Sep 2022 14:26

Instrument :

MSVOA_W

ClientSampleId :

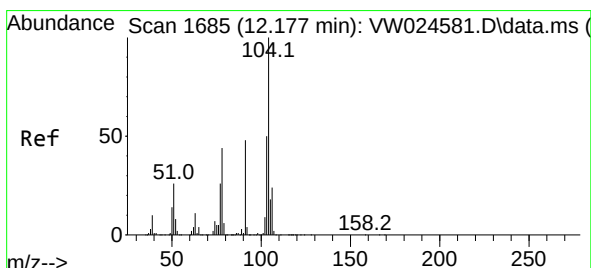
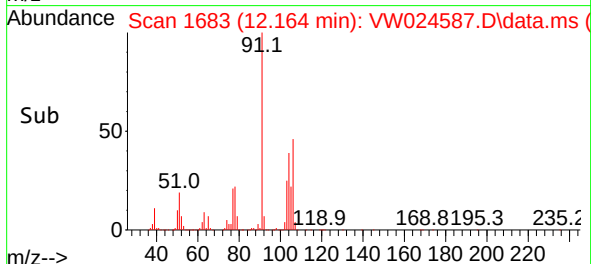
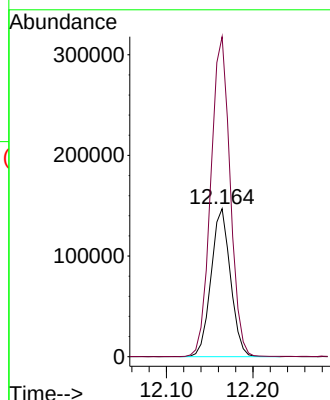
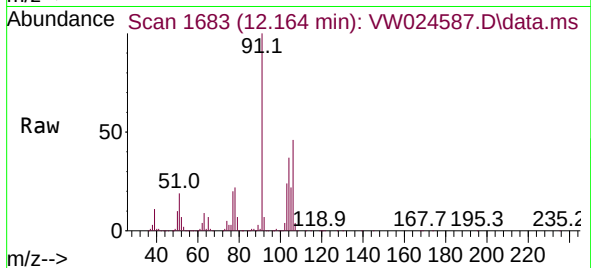
VSTD025565

Tgt Ion:106 Resp: 228712

Ion Ratio Lower Upper

106 100

91 216.1 148.7 276.3



#55

Styrene

Concen: 27.518 ug/L

RT: 12.177 min Scan# 1685

Delta R.T. 0.000 min

Lab File: VW024587.D

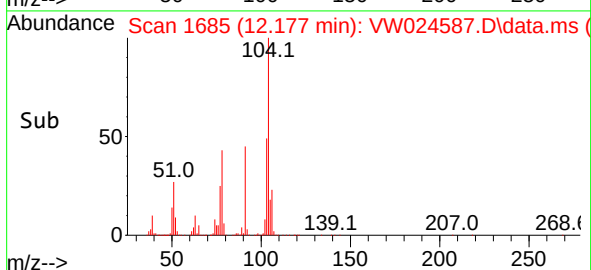
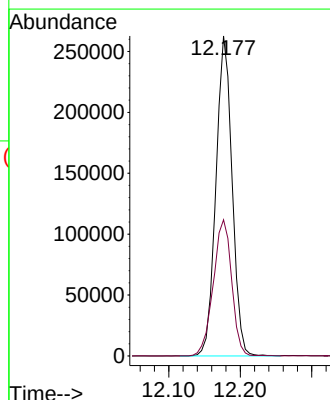
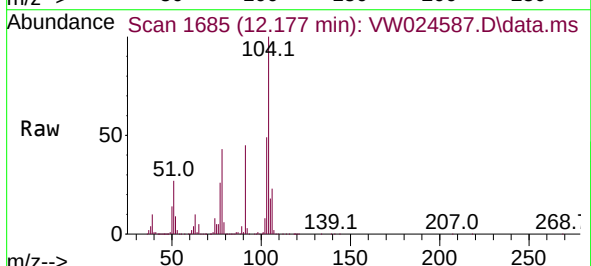
Acq: 08 Sep 2022 14:26

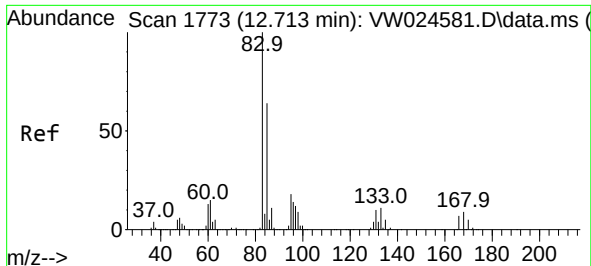
Tgt Ion:104 Resp: 412512

Ion Ratio Lower Upper

104 100

78 42.5 33.0 61.4





#57

1,1,2,2-Tetrachloroethane

Concen: 24.479 ug/L

RT: 12.713 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW024587.D

Acq: 08 Sep 2022 14:26

Instrument :

MSVOA_W

ClientSampleId :

VSTD025565

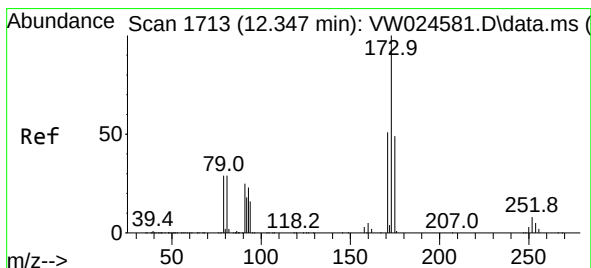
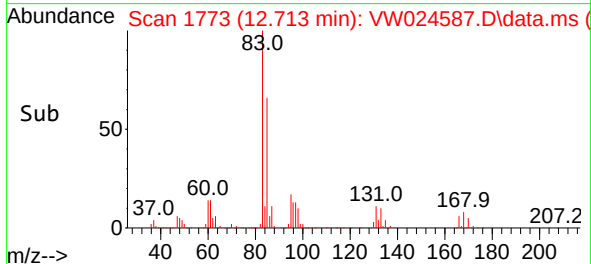
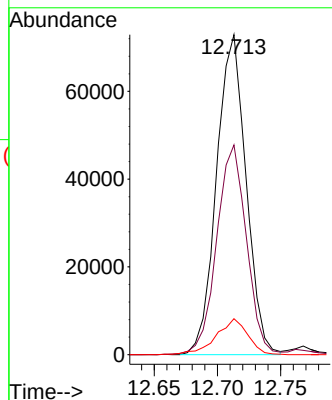
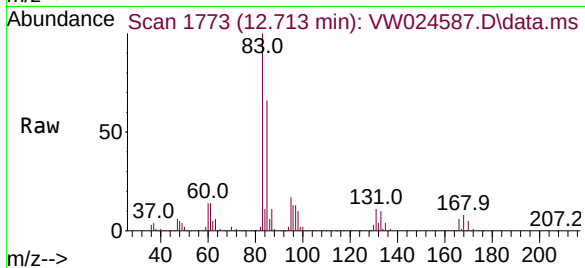
Tgt Ion: 83 Resp: 118320

Ion Ratio Lower Upper

83 100

85 65.6 45.6 84.8

131 11.3 9.0 13.4



#59

Bromoform

Concen: 23.905 ug/L

RT: 12.341 min Scan# 1712

Delta R.T. -0.006 min

Lab File: VW024587.D

Acq: 08 Sep 2022 14:26

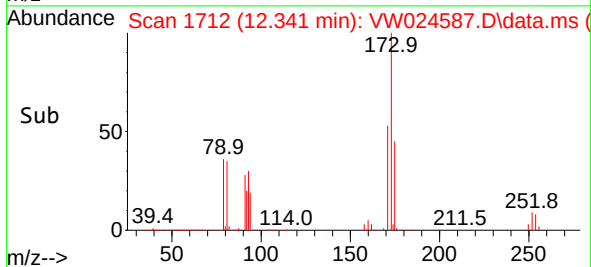
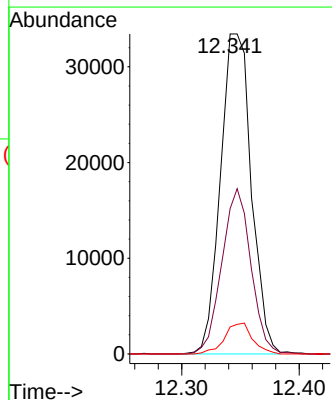
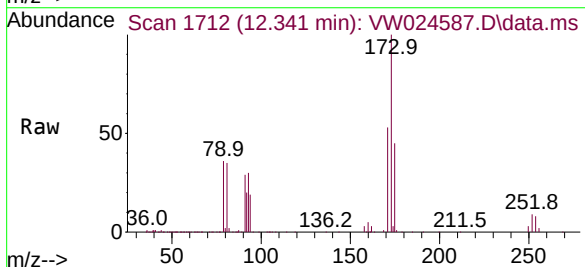
Tgt Ion: 173 Resp: 61140

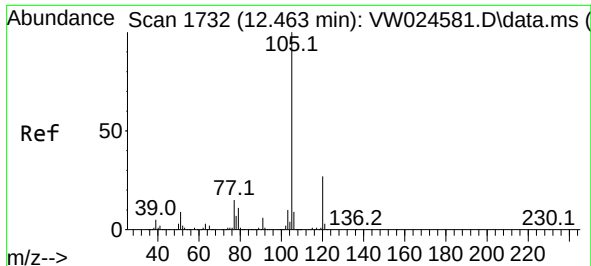
Ion Ratio Lower Upper

173 100

175 48.5 40.5 60.7

254 8.7 6.4 9.6

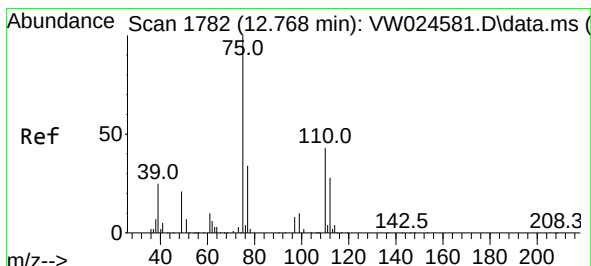
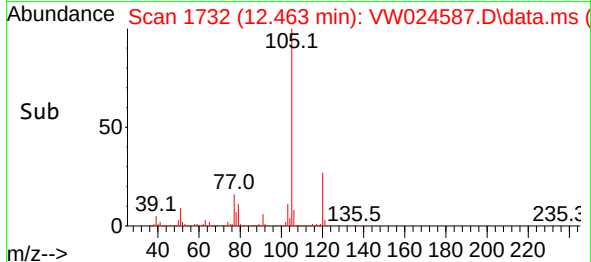
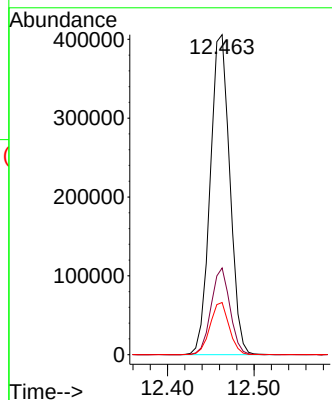
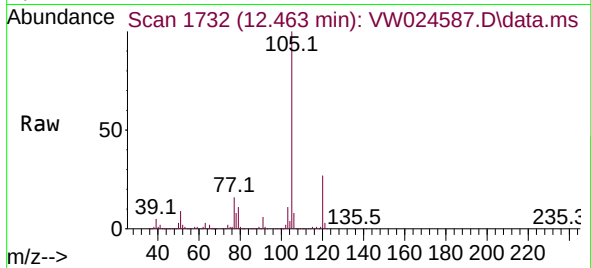




#60
Isopropylbenzene
Concen: 26.803 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW024587.D
Acq: 08 Sep 2022 14:26

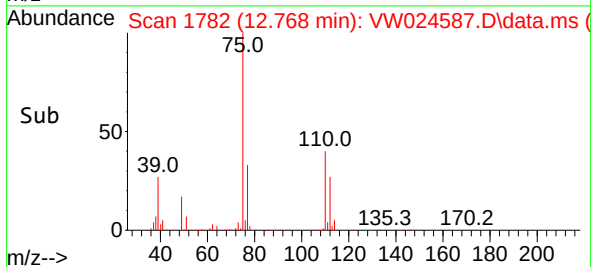
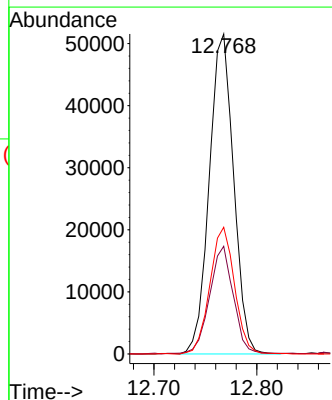
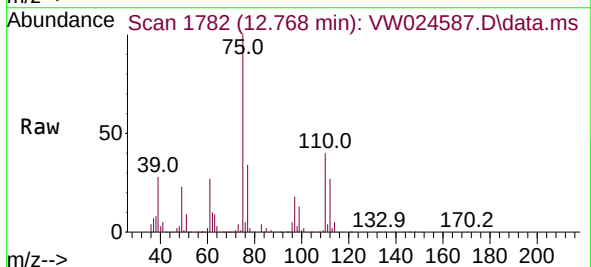
Instrument :
MSVOA_W
ClientSampleId :
VSTD025565

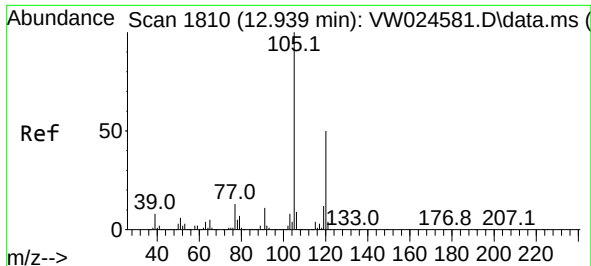
Tgt Ion:105 Resp: 638553
Ion Ratio Lower Upper
105 100
120 26.1 20.9 31.3
77 15.9 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 23.290 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW024587.D
Acq: 08 Sep 2022 14:26

Tgt Ion: 75 Resp: 84783
Ion Ratio Lower Upper
75 100
77 32.8 26.8 40.2
110 39.9 33.8 50.8

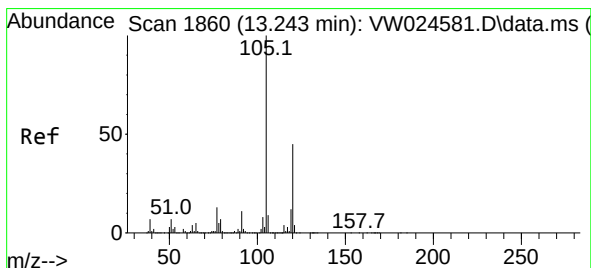
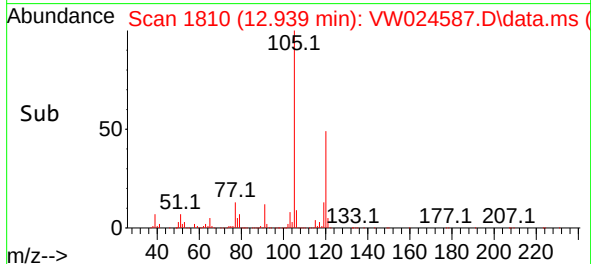
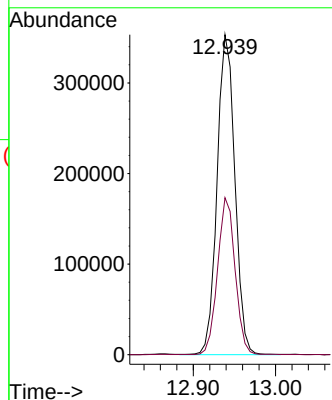
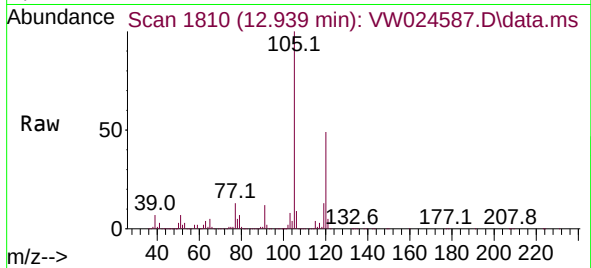




#62
 1,3,5-Trimethylbenzene
 Concen: 26.829 ug/L
 RT: 12.939 min Scan# 1810
 Delta R.T. 0.000 min
 Lab File: VW024587.D
 Acq: 08 Sep 2022 14:26

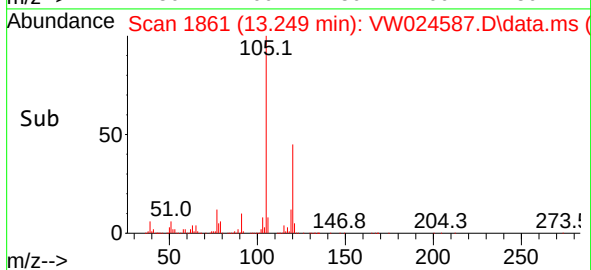
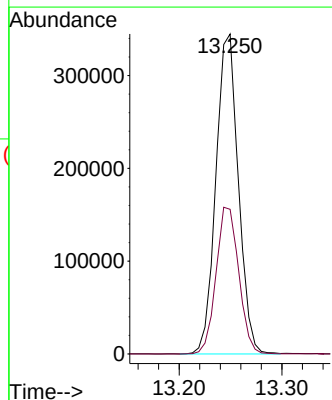
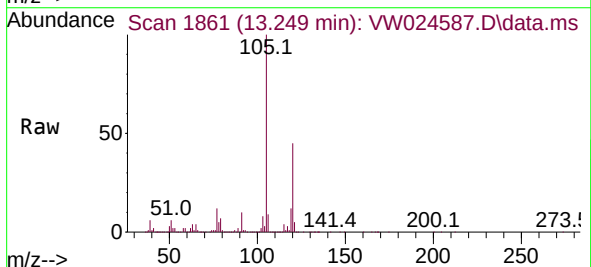
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025565

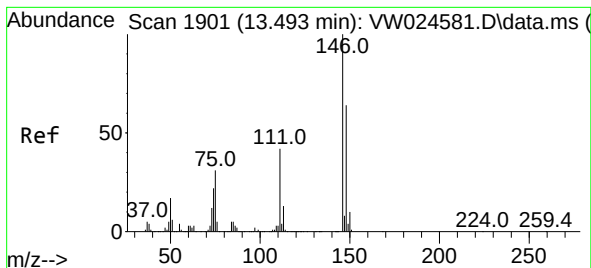
Tgt Ion:105 Resp: 530764
 Ion Ratio Lower Upper
 105 100
 120 48.3 39.5 59.3



#63
 1,2,4-Trimethylbenzene
 Concen: 26.537 ug/L
 RT: 13.249 min Scan# 1861
 Delta R.T. 0.006 min
 Lab File: VW024587.D
 Acq: 08 Sep 2022 14:26

Tgt Ion:105 Resp: 522499
 Ion Ratio Lower Upper
 105 100
 120 46.4 36.7 55.1





#64

1,3-Dichlorobenzene

Concen: 24.944 ug/L

RT: 13.493 min Scan# 1901

Delta R.T. 0.000 min

Lab File: VW024587.D

Acq: 08 Sep 2022 14:26

Instrument :

MSVOA_W

ClientSampleId :

VSTD025565

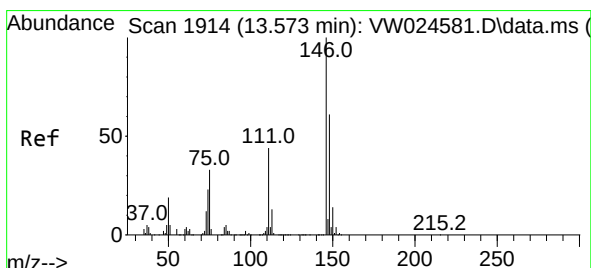
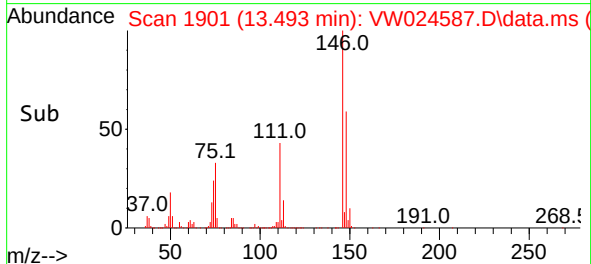
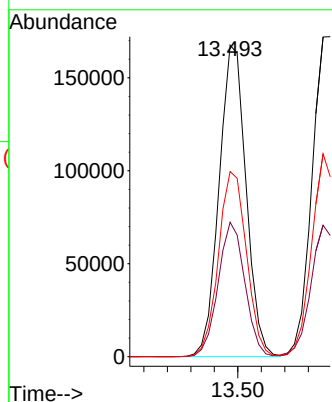
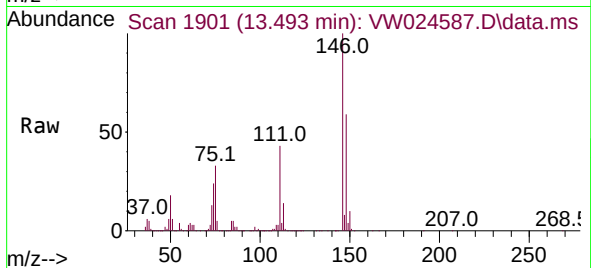
Tgt Ion:146 Resp: 267759

Ion Ratio Lower Upper

146 100

111 43.2 28.3 52.5

148 59.4 42.2 78.4



#65

1,4-Dichlorobenzene

Concen: 24.916 ug/L

RT: 13.579 min Scan# 1915

Delta R.T. 0.006 min

Lab File: VW024587.D

Acq: 08 Sep 2022 14:26

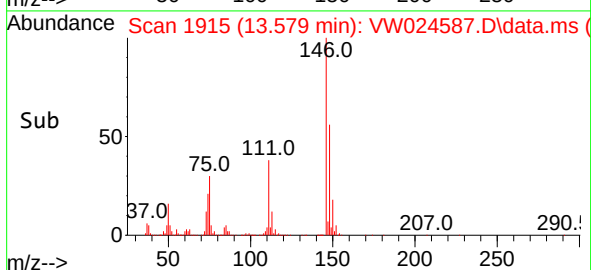
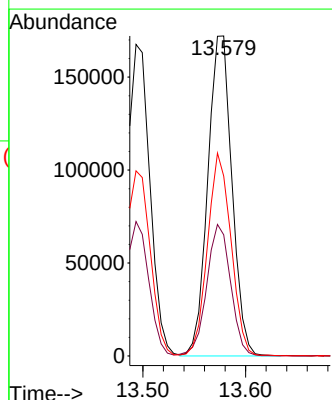
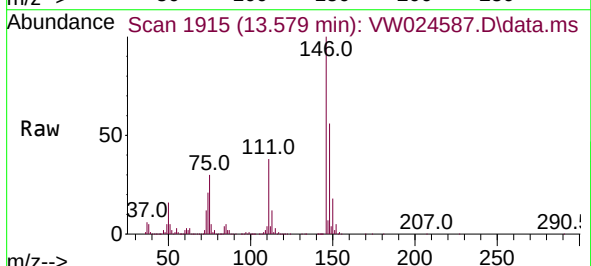
Tgt Ion:146 Resp: 281916

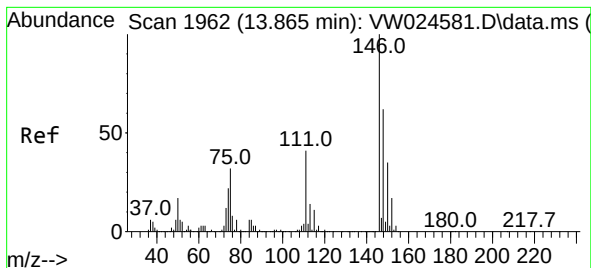
Ion Ratio Lower Upper

146 100

111 37.8 29.3 54.3

148 56.2 45.9 85.3





#67

1,2-Dichlorobenzene

Concen: 24.072 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VW024587.D

Acq: 08 Sep 2022 14:26

Instrument :

MSVOA_W

ClientSampleId :

VSTD025565

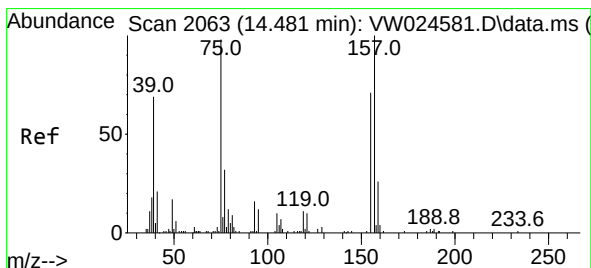
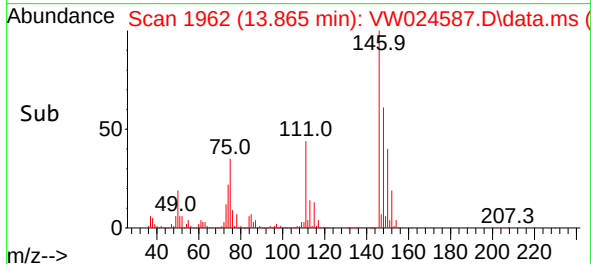
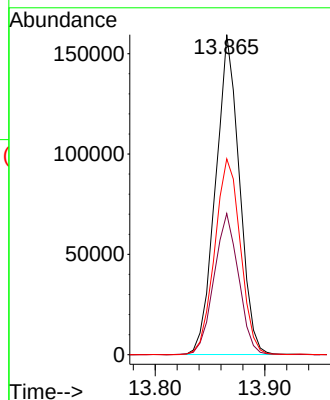
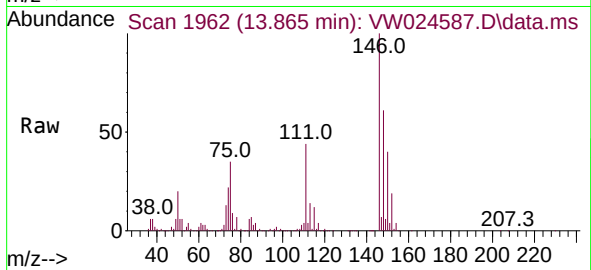
Tgt Ion:146 Resp: 240972

Ion Ratio Lower Upper

146 100

111 44.1 32.2 48.4

148 61.2 48.3 72.5



#68

1,2-Dibromo-3-chloropropane

Concen: 21.137 ug/L

RT: 14.475 min Scan# 2062

Delta R.T. -0.006 min

Lab File: VW024587.D

Acq: 08 Sep 2022 14:26

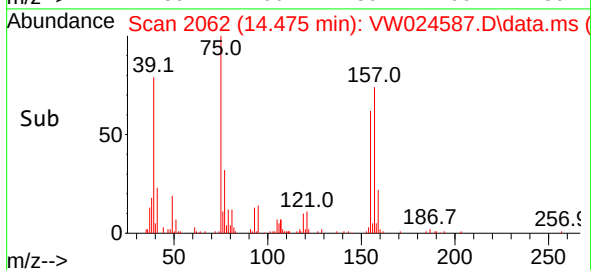
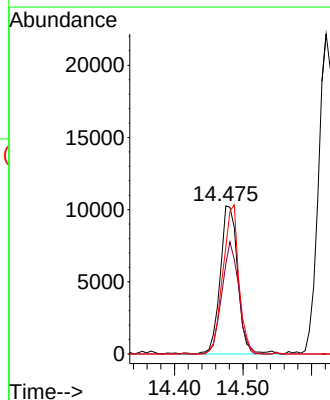
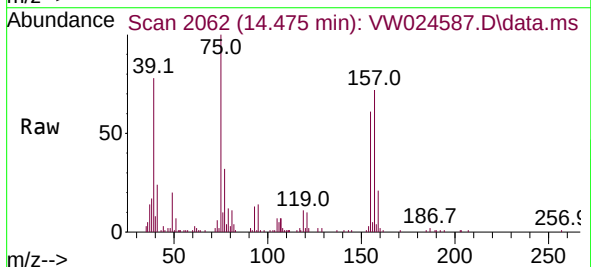
Tgt Ion: 75 Resp: 18206

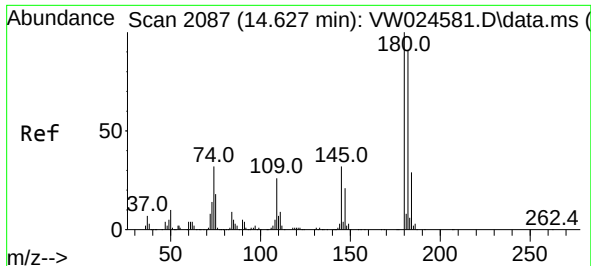
Ion Ratio Lower Upper

75 100

155 60.8 66.3 99.5#

157 72.1 77.6 116.4#





#69

1,3,5-Trichlorobenzene

Concen: 24.868 ug/L

RT: 14.621 min Scan# 2087

Delta R.T. -0.006 min

Lab File: VW024587.D

Acq: 08 Sep 2022 14:26

Instrument :

MSVOA_W

ClientSampleId :

VSTD025565

Tgt Ion:180 Resp: 173385

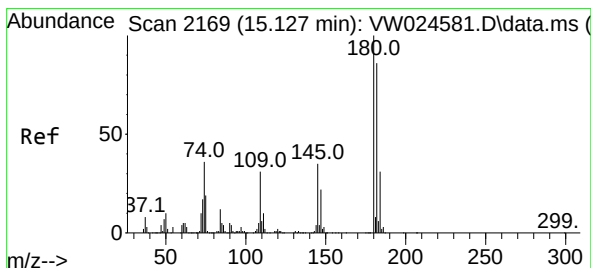
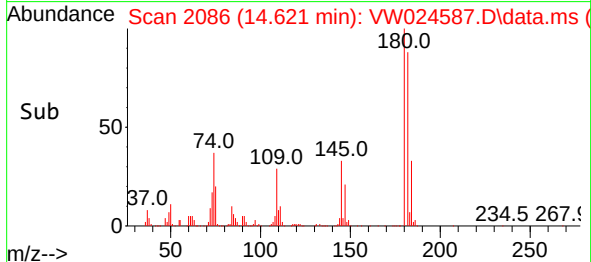
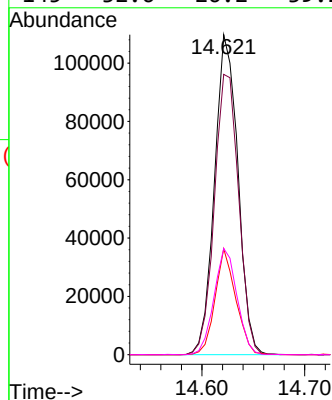
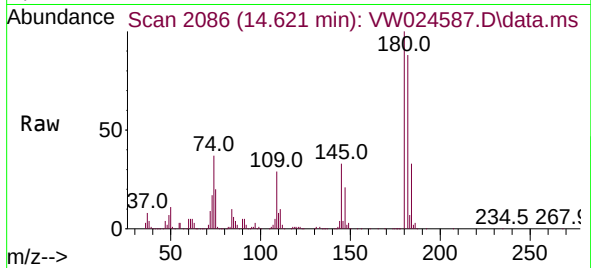
Ion Ratio Lower Upper

180 100

182 90.9 72.4 108.6

184 29.4 22.8 34.2

145 32.6 26.2 39.2



#70

1,2,4-trichlorobenzene

Concen: 23.942 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. 0.000 min

Lab File: VW024587.D

Acq: 08 Sep 2022 14:26

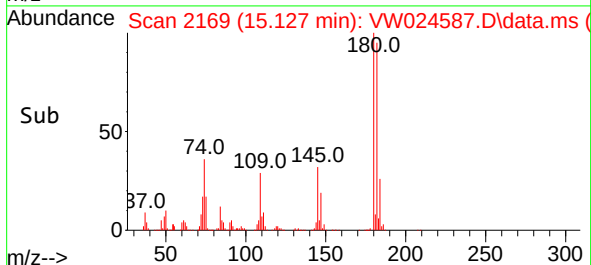
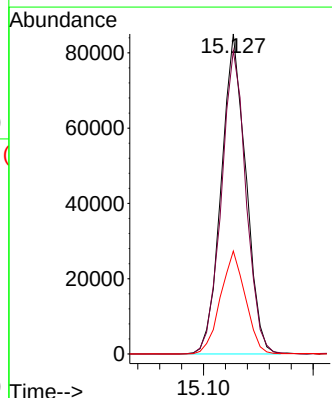
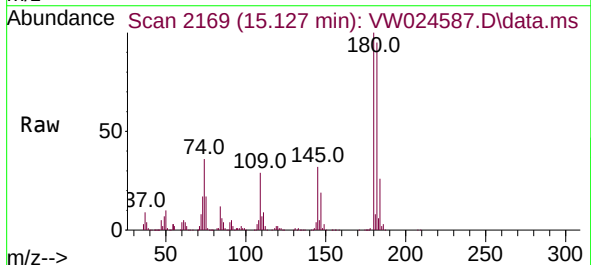
Tgt Ion:180 Resp: 132461

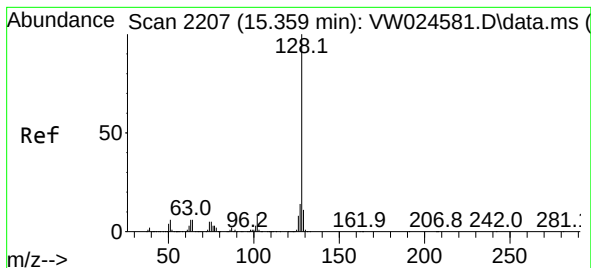
Ion Ratio Lower Upper

180 100

182 95.1 73.8 110.6

145 32.5 26.6 39.8





#71

Naphthalene

Concen: 23.524 ug/L

RT: 15.359 min Scan# 21

Delta R.T. 0.000 min

Lab File: VW024587.D

Acq: 08 Sep 2022 14:26

Instrument :

MSVOA_W

ClientSampleId :

VSTD025565

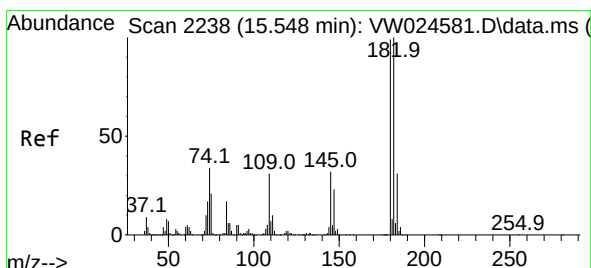
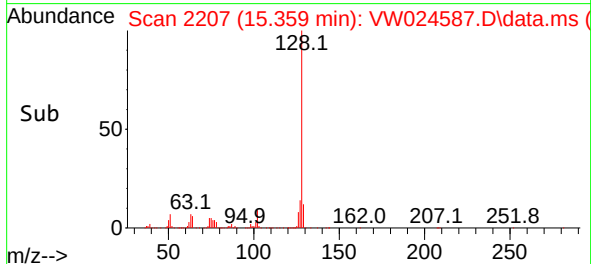
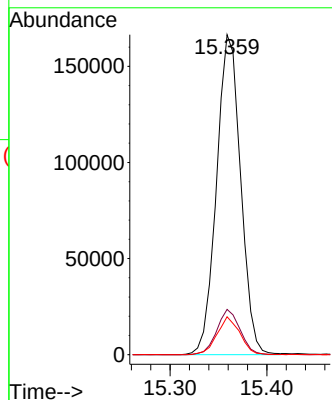
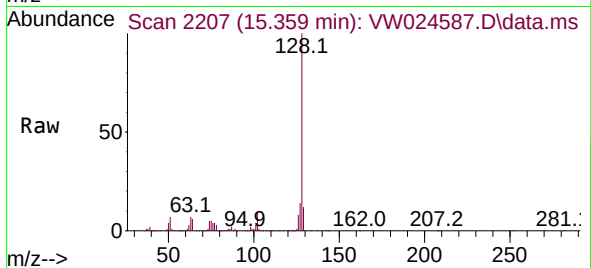
Tgt Ion:128 Resp: 287937

Ion Ratio Lower Upper

128 100

127 13.7 10.7 16.1

129 11.3 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 22.636 ug/L

RT: 15.548 min Scan# 2238

Delta R.T. 0.000 min

Lab File: VW024587.D

Acq: 08 Sep 2022 14:26

Tgt Ion:180 Resp: 116511

Ion Ratio Lower Upper

180 100

182 99.4 78.7 118.1

145 36.8 28.1 42.1

