

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW090922\
 Data File : VW024589.D
 Acq On : 09 Sep 2022 08:37
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025566

Quant Time: Sep 10 00:29:20 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	8.835	114	290102	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	299964	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	167440	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	155526	25.967	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.880%
7) Chloroethane-d5	2.879	69	121264	27.229	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	108.920%
11) 1,1-Dichloroethene-d2	4.013	63	135936	21.512	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	86.040%
21) 2-Butanone-d5	6.958	46	177	0.183	ug/L	-0.12
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.360%#
24) Chloroform-d	7.647	84	175389	23.738	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.960%
26) 1,2-Dichloroethane-d4	8.305	65	101174	24.287	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.160%
32) Benzene-d6	8.268	84	349042	23.656	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.640%
36) 1,2-Dichloropropane-d6	9.268	67	99506	22.873	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.480%
41) Toluene-d8	10.323	98	360650	25.072	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.280%
43) trans-1,3-Dichloroprop...	10.579	79	45685	23.433	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.720%
47) 2-Hexanone-d5	10.920	63	36918	46.168	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.340%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	104273	25.008	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.040%
66) 1,2-Dichlorobenzene-d4	13.853	152	133953	25.258	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.040%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.001	85	29918	21.533	ug/L	99
3) Chloromethane	2.215	50	113721	26.318	ug/L	97
5) Vinyl chloride	2.355	62	195971	26.901	ug/L	100
6) Bromomethane	2.769	94	131877	27.770	ug/L	95
8) Chloroethane	2.916	64	110645	27.918	ug/L	93
9) Trichlorofluoromethane	3.245	101	127646	30.308	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.044	101	82258	21.199	ug/L #	83
12) 1,1-Dichloroethene	4.025	96	70297	21.195	ug/L	95
13) Acetone	4.123	43	28729	34.946	ug/L	96
14) Carbon disulfide	4.373	76	177296	20.203	ug/L	100
15) Methyl Acetate	4.665	43	34346	19.766	ug/L	99
16) Methylene chloride	4.903	84	82236	18.997	ug/L	94
17) trans-1,2-Dichloroethene	5.421	96	85608	22.533	ug/L	97
18) Methyl tert-butyl Ether	5.421	73	147671	21.826	ug/L	99
19) 1,1-Dichloroethane	6.208	63	165502	23.943	ug/L	97
20) cis-1,2-Dichloroethene	7.165	96	99983	23.455	ug/L	99
22) 2-Butanone	7.165	43	55164	41.484	ug/L	94
23) Bromochloromethane	7.513	128	44486	22.795	ug/L	92
25) Chloroform	7.671	83	188237	24.515	ug/L	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW090922\
 Data File : VW024589.D
 Acq On : 09 Sep 2022 08:37
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025566

Quant Time: Sep 10 00:29:20 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

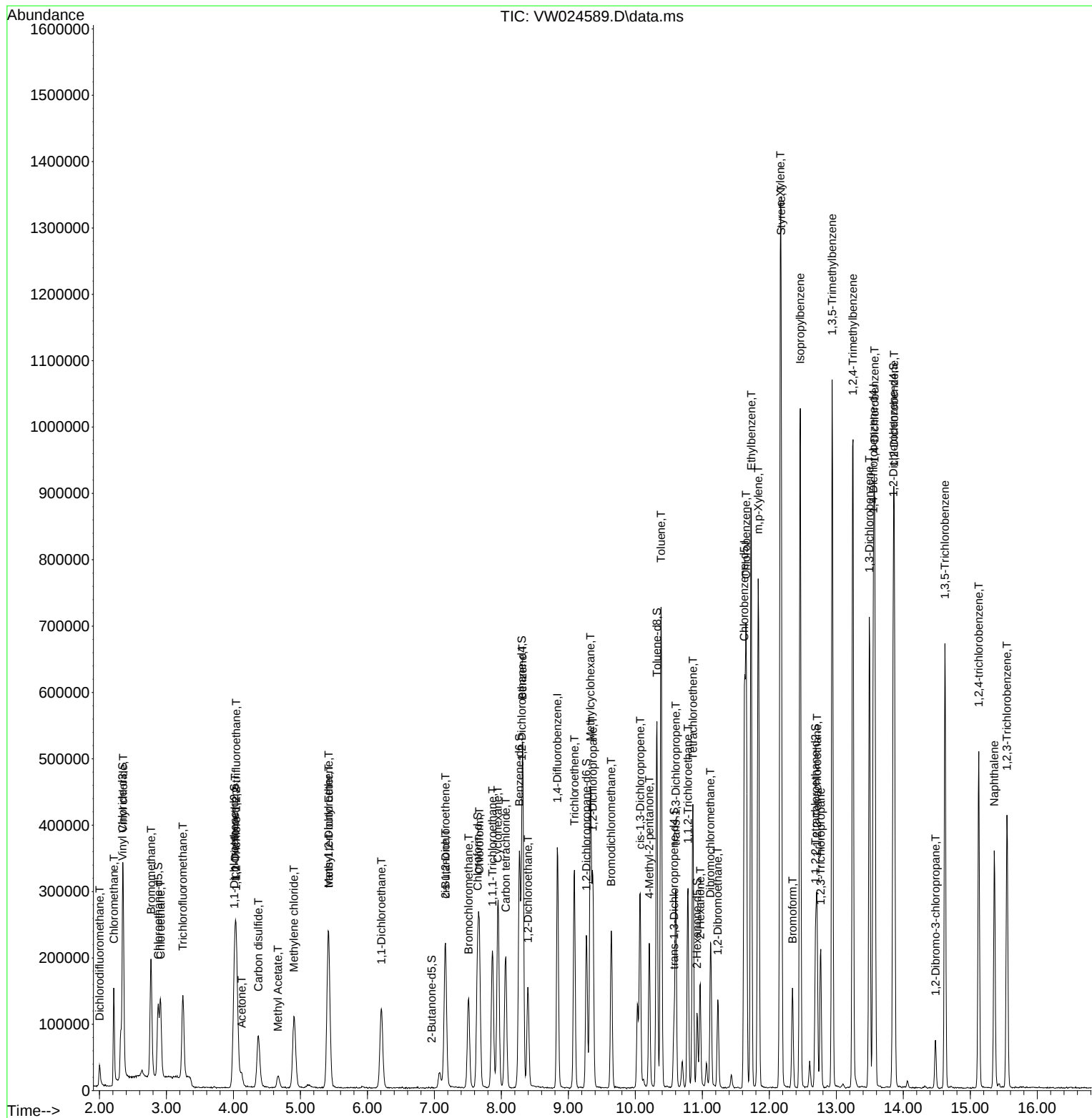
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.396	62	135106	26.177	ug/L	100
29) Cyclohexane	7.945	56	141917	24.438	ug/L	99
30) 1,1,1-Trichloroethane	7.866	97	157758	23.981	ug/L	99
31) Carbon tetrachloride	8.067	117	142970	23.795	ug/L	98
33) Benzene	8.317	78	439694	25.826	ug/L	100
34) Trichloroethene	9.091	95	109599	24.648	ug/L	97
35) Methylcyclohexane	9.329	83	177003	24.881	ug/L	98
37) 1,2-Dichloropropane	9.366	63	107767	25.345	ug/L	100
38) Bromodichloromethane	9.640	83	152672	25.405	ug/L	96
39) cis-1,3-Dichloropropene	10.073	75	164660	26.485	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	133580	47.624	ug/L	99
42) Toluene	10.384	91	522346	27.830	ug/L	99
44) trans-1,3-Dichloropropene	10.603	75	154914	26.380	ug/L	95
45) 1,1,2-Trichloroethane	10.786	97	89947	25.311	ug/L	99
46) Tetrachloroethene	10.859	164	86938	26.535	ug/L	88
48) 2-Hexanone	10.969	43	96465	50.151	ug/L	99
49) Dibromochloromethane	11.122	129	111249	26.779	ug/L	93
50) 1,2-Dibromoethane	11.231	107	85917	24.911	ug/L	97
51) Chlorobenzene	11.652	112	346036	26.686	ug/L	95
52) Ethylbenzene	11.731	91	605207	28.400	ug/L	95
53) m,p-Xylene	11.835	106	241174	28.967	ug/L	88
54) o-Xylene	12.164	106	231009	29.143	ug/L	98
55) Styrene	12.176	104	408383	29.268	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	120260	26.731	ug/L	99
59) Bromoform	12.347	173	62338	25.613	ug/L	97
60) Isopropylbenzene	12.463	105	644671	28.436	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	82211	23.732	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	541998	28.790	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	540387	28.841	ug/L	97
64) 1,3-Dichlorobenzene	13.493	146	277935	27.209	ug/L	95
65) 1,4-Dichlorobenzene	13.572	146	285389	26.506	ug/L	94
67) 1,2-Dichlorobenzene	13.865	146	261122	27.412	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	17625	21.504	ug/L	96
69) 1,3,5-Trichlorobenzene	14.621	180	178768	26.944	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	138066	26.225	ug/L	99
71) Naphthalene	15.359	128	284975	24.466	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	125755	25.675	ug/L	96

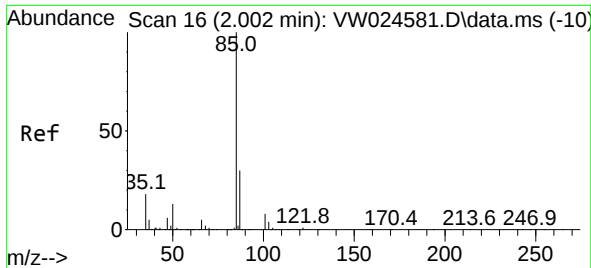
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW090922\
 Data File : VW024589.D
 Acq On : 09 Sep 2022 08:37
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025566

Quant Time: Sep 10 00:29:20 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

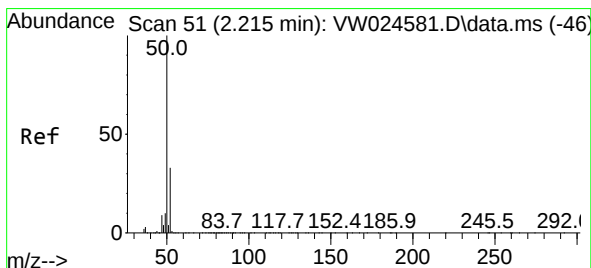
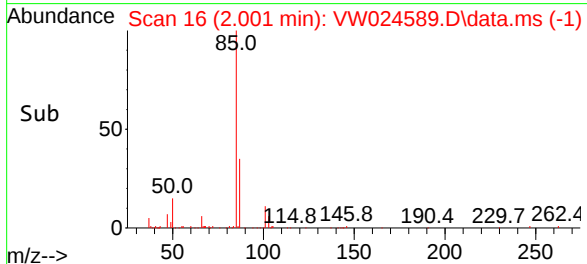
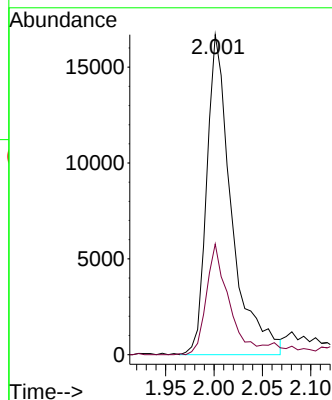
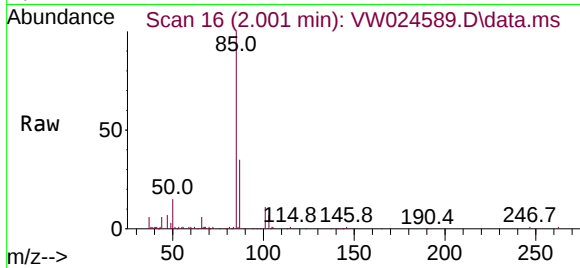




#2
Dichlorodifluoromethane
Concen: 21.533 ug/L
RT: 2.001 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW024589.D
Acq: 09 Sep 2022 08:37

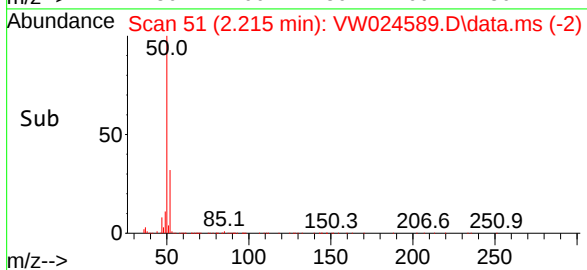
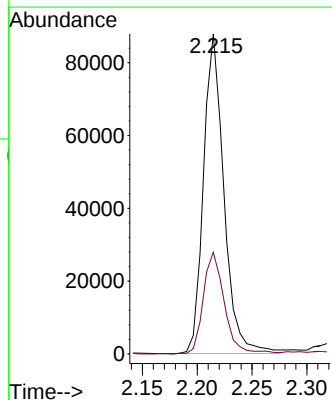
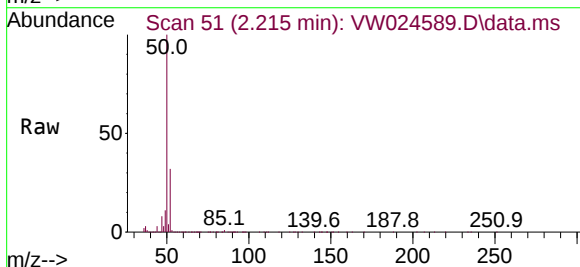
Instrument :
MSVOA_W
ClientSampleId :
VSTD025566

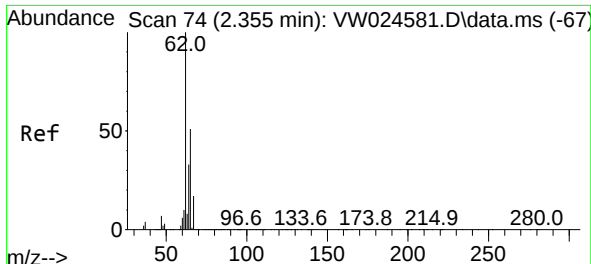
Tgt Ion: 85 Resp: 29918
Ion Ratio Lower Upper
85 100
87 30.8 24.2 36.2



#3
Chloromethane
Concen: 26.318 ug/L
RT: 2.215 min Scan# 51
Delta R.T. -0.000 min
Lab File: VW024589.D
Acq: 09 Sep 2022 08:37

Tgt Ion: 50 Resp: 113721
Ion Ratio Lower Upper
50 100
52 31.8 23.3 43.3

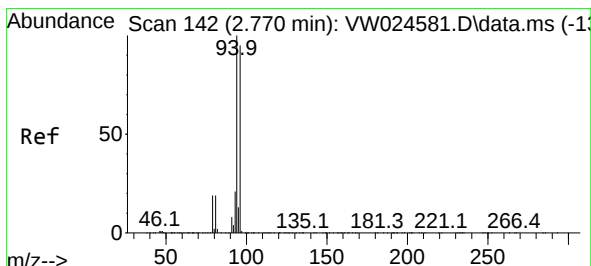
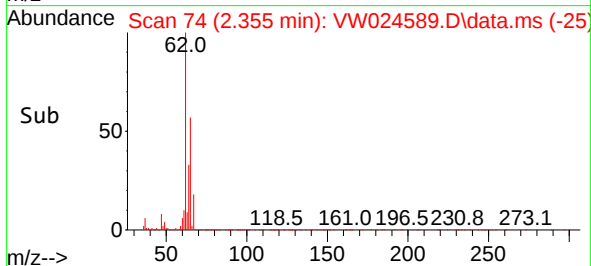
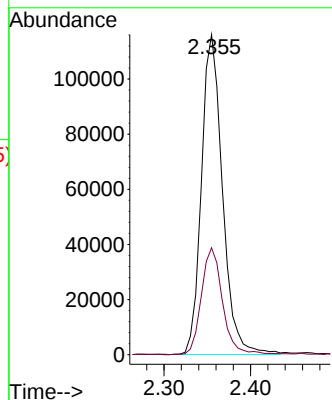
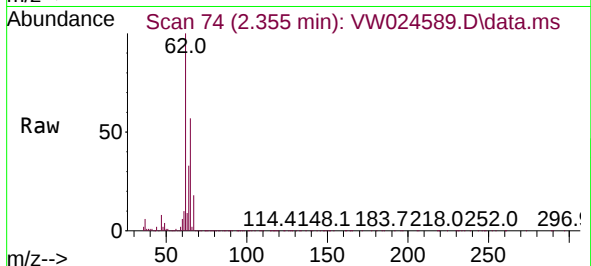




#5
 Vinyl chloride
 Concen: 26.901 ug/L
 RT: 2.355 min Scan# 74
 Delta R.T. -0.000 min
 Lab File: VW024589.D
 Acq: 09 Sep 2022 08:37

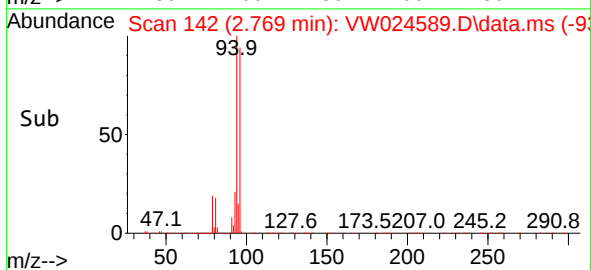
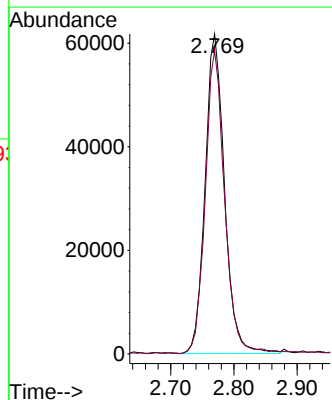
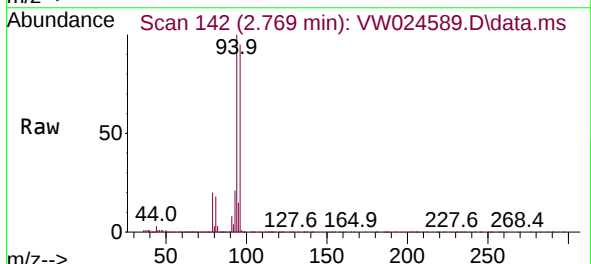
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025566

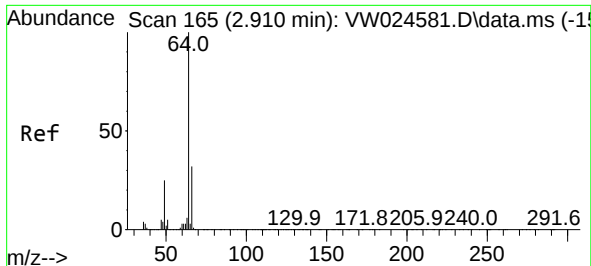
Tgt Ion: 62 Resp: 195971
 Ion Ratio Lower Upper
 62 100
 64 33.4 23.3 43.3



#6
 Bromomethane
 Concen: 27.770 ug/L
 RT: 2.769 min Scan# 142
 Delta R.T. -0.000 min
 Lab File: VW024589.D
 Acq: 09 Sep 2022 08:37

Tgt Ion: 94 Resp: 131877
 Ion Ratio Lower Upper
 94 100
 96 94.8 69.8 129.6

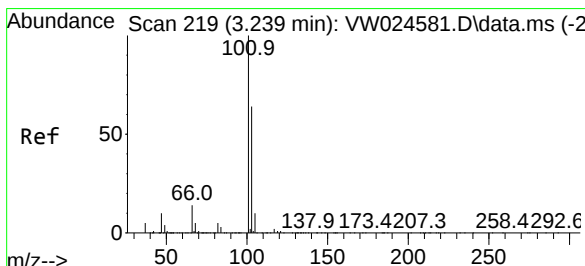
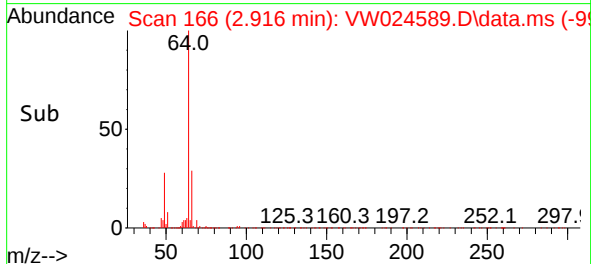
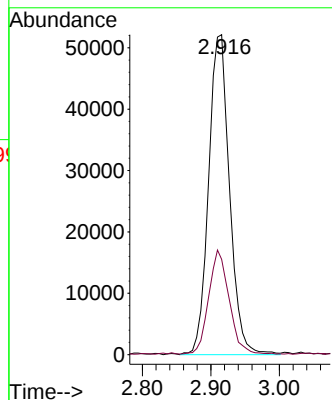
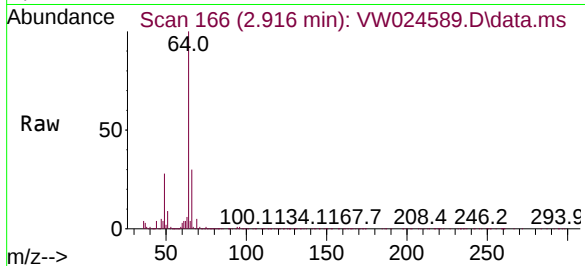




#8
Chloroethane
Concen: 27.918 ug/L
RT: 2.916 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW024589.D
Acq: 09 Sep 2022 08:37

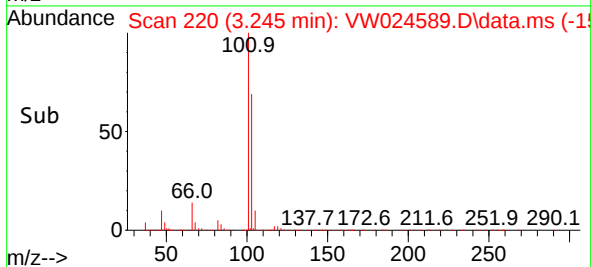
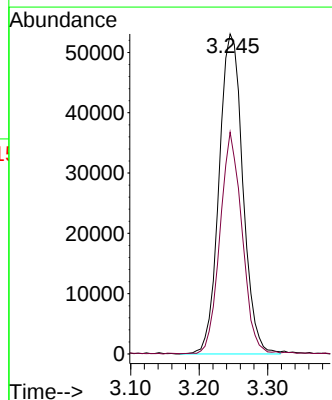
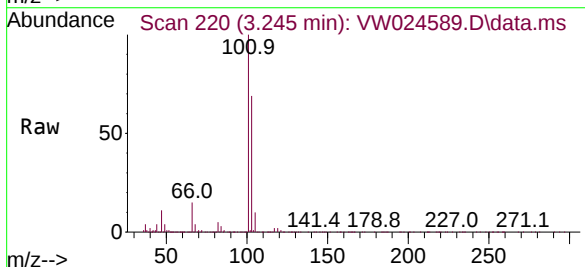
Instrument :
MSVOA_W
ClientSampleId :
VSTD025566

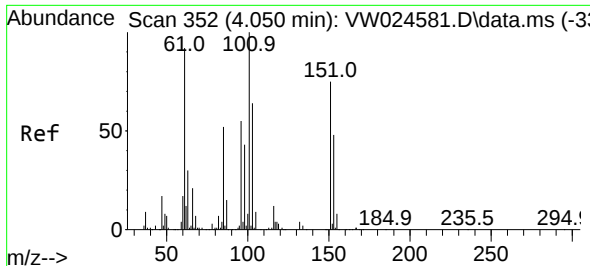
Tgt Ion: 64 Resp: 110645
Ion Ratio Lower Upper
64 100
66 29.8 23.7 44.1



#9
Trichlorofluoromethane
Concen: 30.308 ug/L
RT: 3.245 min Scan# 220
Delta R.T. 0.006 min
Lab File: VW024589.D
Acq: 09 Sep 2022 08:37

Tgt Ion: 101 Resp: 127646
Ion Ratio Lower Upper
101 100
103 63.8 52.5 78.7





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 21.199 ug/L

RT: 4.044 min Scan# 352

Delta R.T. -0.006 min

Lab File: VW024589.D

Acq: 09 Sep 2022 08:37

Instrument :

MSVOA_W

ClientSampleId :

VSTD025566

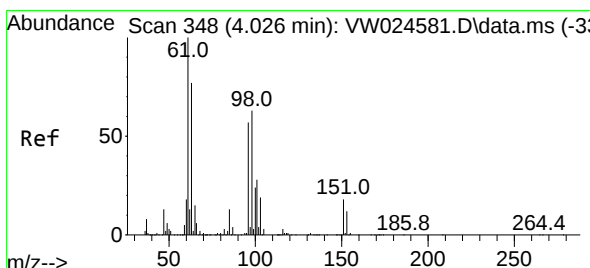
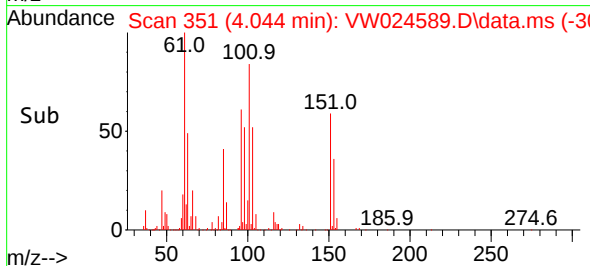
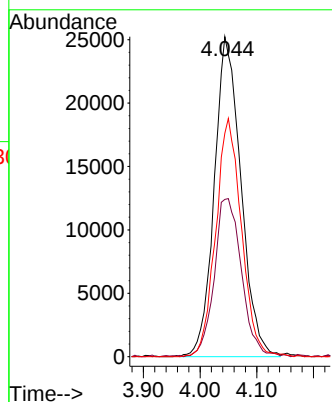
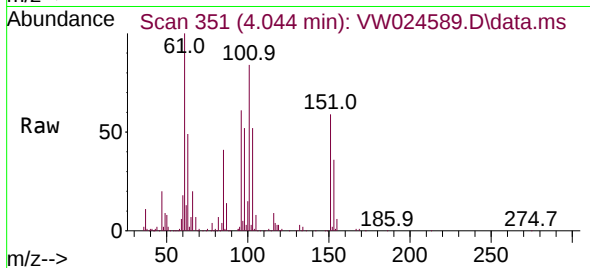
Tgt Ion:101 Resp: 82258

Ion Ratio Lower Upper

101 100

85 50.3 21.8 32.8#

151 71.9 53.9 80.9



#12

1,1-Dichloroethene

Concen: 21.195 ug/L

RT: 4.025 min Scan# 348

Delta R.T. -0.000 min

Lab File: VW024589.D

Acq: 09 Sep 2022 08:37

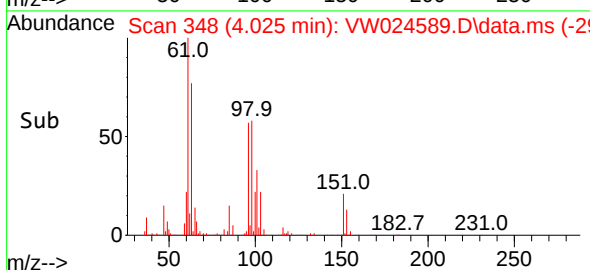
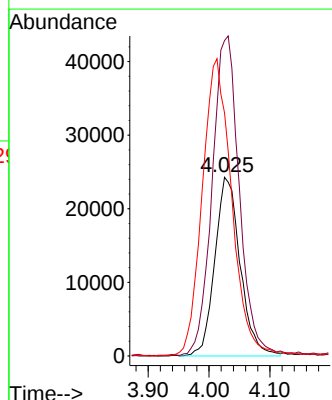
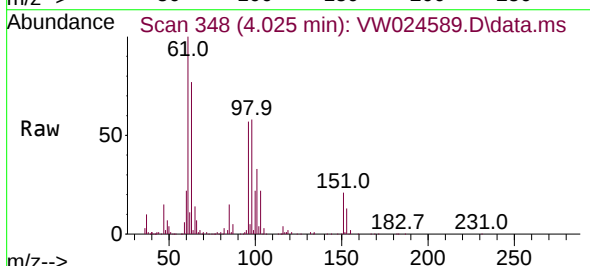
Tgt Ion: 96 Resp: 70297

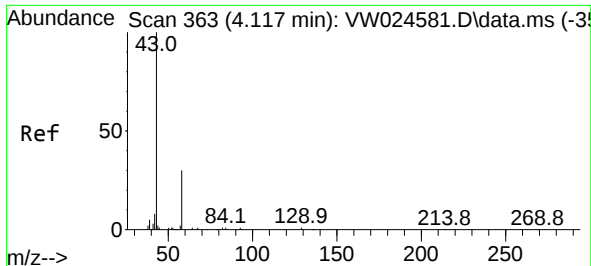
Ion Ratio Lower Upper

96 100

61 176.4 119.8 222.6

63 136.1 89.6 166.4





#13

Acetone

Concen: 34.946 ug/L

RT: 4.123 min Scan# 364

Delta R.T. 0.006 min

Lab File: VW024589.D

Acq: 09 Sep 2022 08:37

Instrument :

MSVOA_W

ClientSampleId :

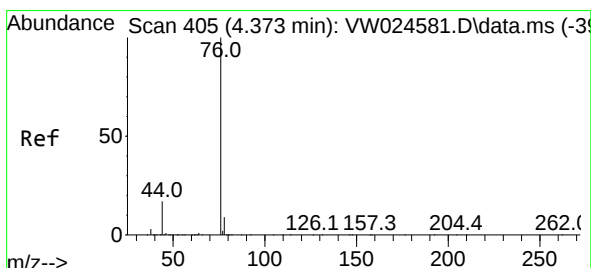
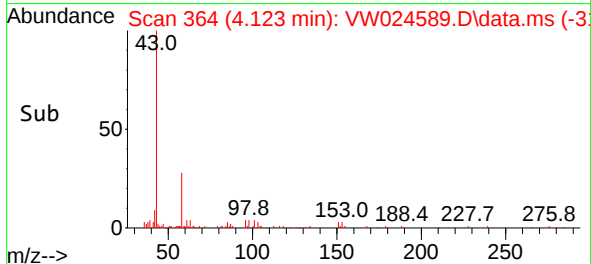
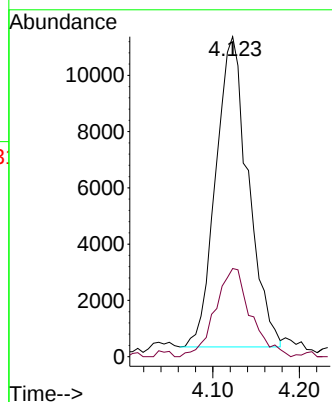
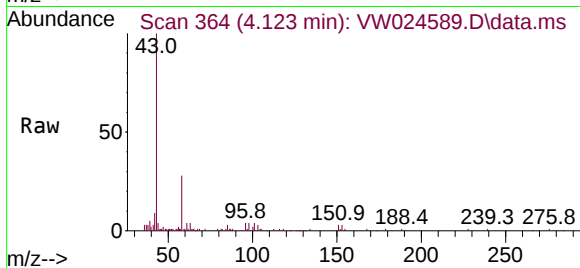
VSTD025566

Tgt Ion: 43 Resp: 28729

Ion Ratio Lower Upper

43 100

58 31.0 0.0 57.8



#14

Carbon disulfide

Concen: 20.203 ug/L

RT: 4.373 min Scan# 405

Delta R.T. -0.000 min

Lab File: VW024589.D

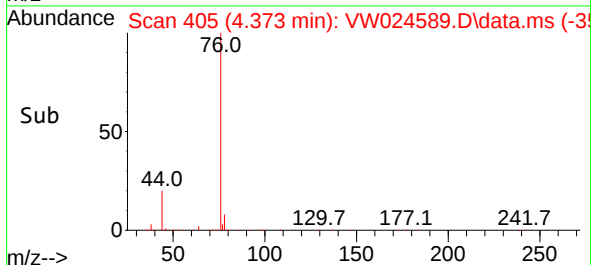
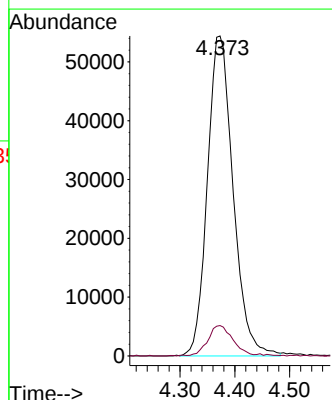
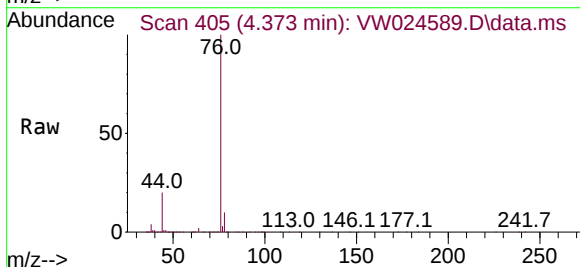
Acq: 09 Sep 2022 08:37

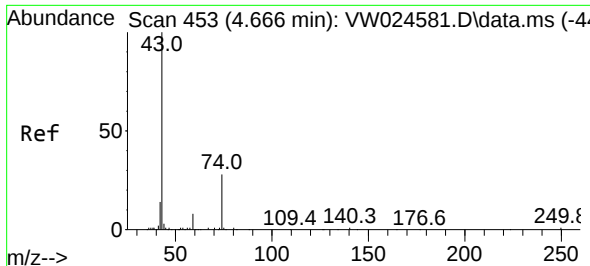
Tgt Ion: 76 Resp: 177296

Ion Ratio Lower Upper

76 100

78 9.5 7.5 11.3

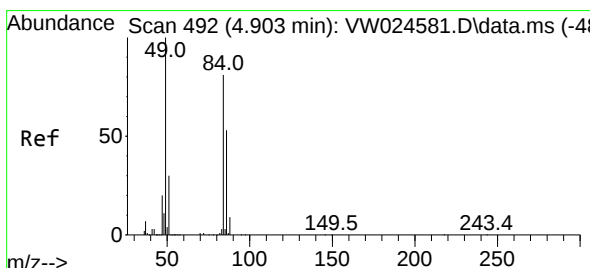
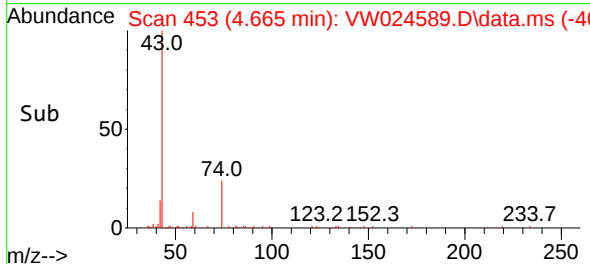
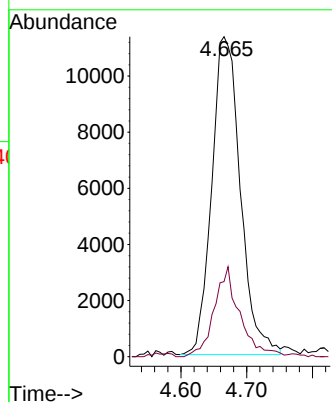
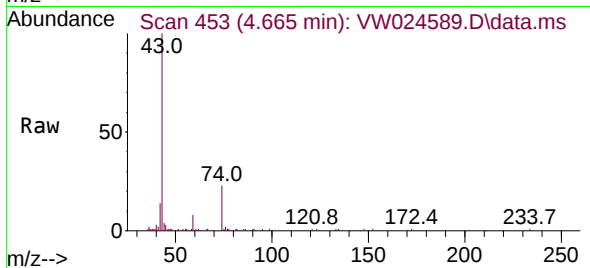




#15
Methyl Acetate
Concen: 19.766 ug/L
RT: 4.665 min Scan# 41
Delta R.T. -0.000 min
Lab File: VW024589.D
Acq: 09 Sep 2022 08:37

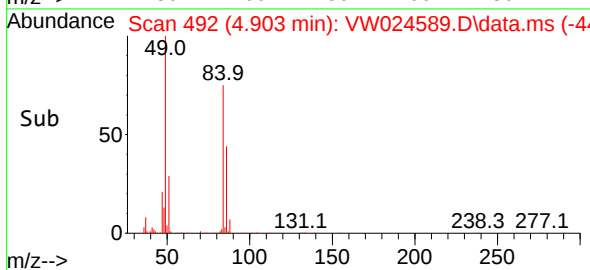
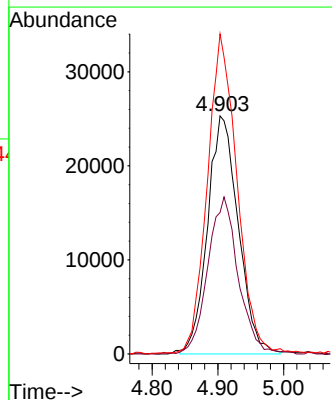
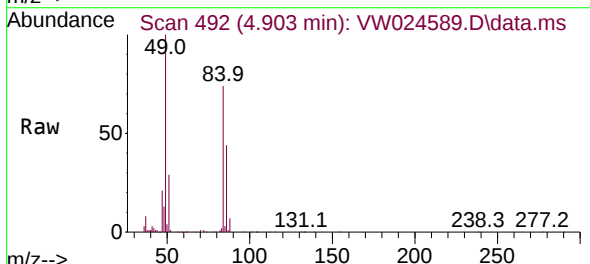
Instrument :
MSVOA_W
ClientSampleId :
VSTD025566

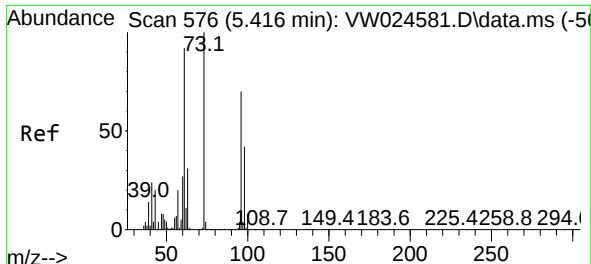
Tgt Ion: 43 Resp: 34346
Ion Ratio Lower Upper
43 100
74 24.5 19.9 29.9



#16
Methylene chloride
Concen: 18.997 ug/L
RT: 4.903 min Scan# 492
Delta R.T. -0.000 min
Lab File: VW024589.D
Acq: 09 Sep 2022 08:37

Tgt Ion: 84 Resp: 82236
Ion Ratio Lower Upper
84 100
86 59.4 44.4 82.5
49 134.4 88.5 164.3

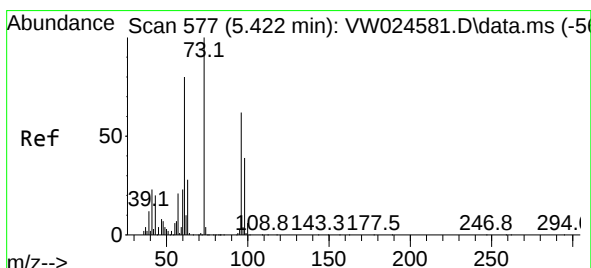
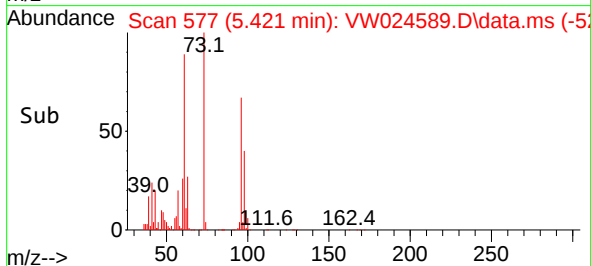
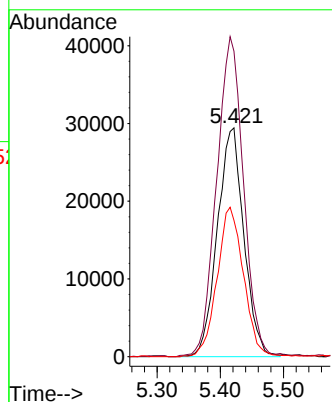
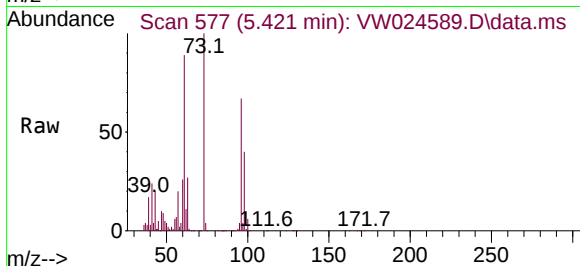




#17
trans-1,2-Dichloroethene
Concen: 22.533 ug/L
RT: 5.421 min Scan# 576
Delta R.T. 0.006 min
Lab File: VW024589.D
Acq: 09 Sep 2022 08:37

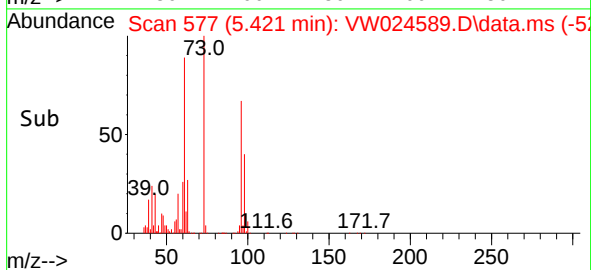
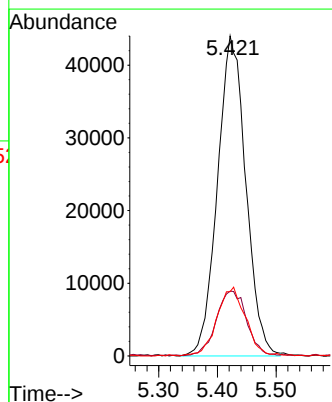
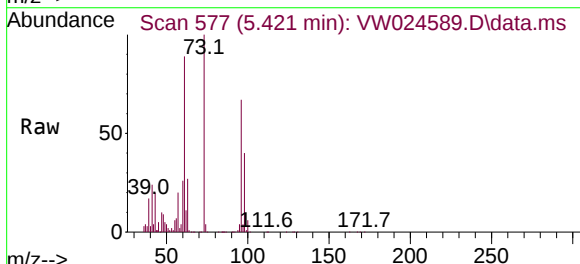
Instrument :
MSVOA_W
ClientSampleId :
VSTD025566

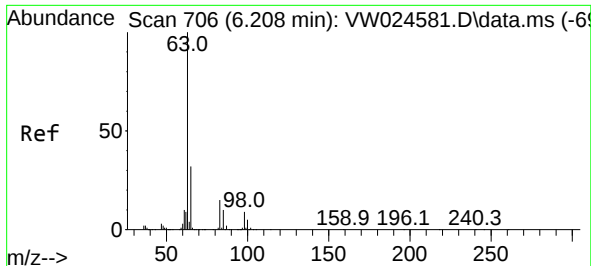
Tgt Ion: 96 Resp: 85608
Ion Ratio Lower Upper
96 100
61 133.5 91.7 170.3
98 59.6 43.6 81.0



#18
Methyl tert-butyl Ether
Concen: 21.826 ug/L
RT: 5.421 min Scan# 577
Delta R.T. -0.000 min
Lab File: VW024589.D
Acq: 09 Sep 2022 08:37

Tgt Ion: 73 Resp: 147671
Ion Ratio Lower Upper
73 100
43 21.4 16.7 25.1
57 21.6 16.8 25.2





#19

1,1-Dichloroethane

Concen: 23.943 ug/L

RT: 6.208 min Scan# 706

Delta R.T. -0.000 min

Lab File: VW024589.D

Acq: 09 Sep 2022 08:37

Instrument :

MSVOA_W

ClientSampleId :

VSTD025566

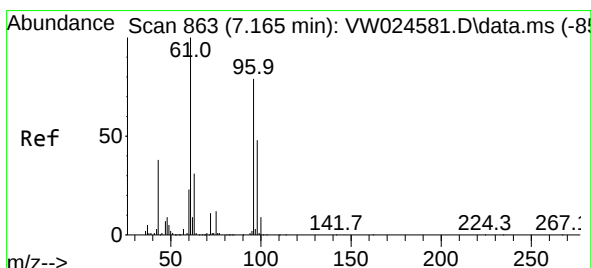
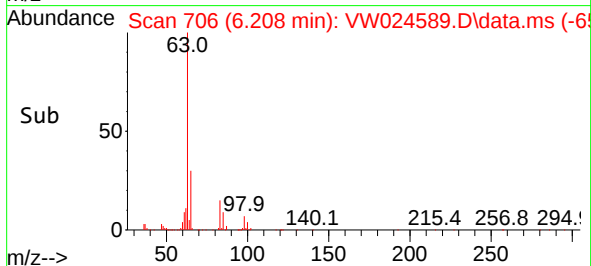
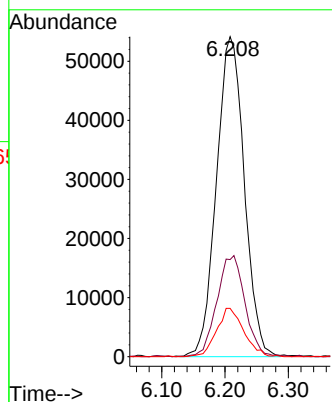
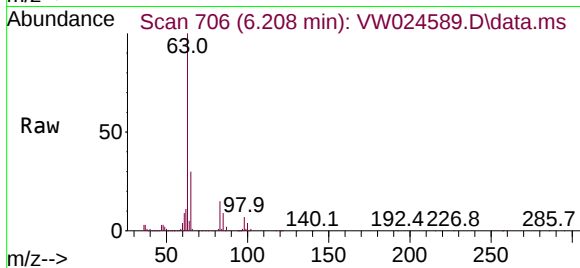
Tgt Ion: 63 Resp: 165502

Ion Ratio Lower Upper

63 100

65 30.3 22.0 41.0

83 15.1 9.5 17.7



#20

cis-1,2-Dichloroethene

Concen: 23.455 ug/L

RT: 7.165 min Scan# 863

Delta R.T. -0.000 min

Lab File: VW024589.D

Acq: 09 Sep 2022 08:37

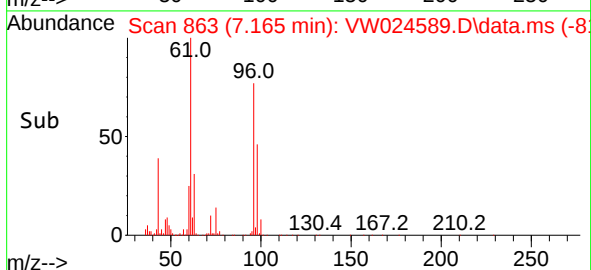
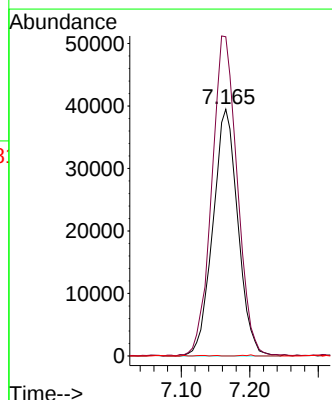
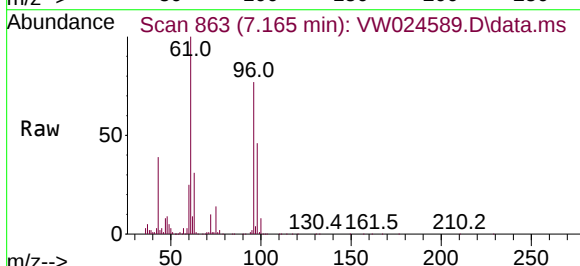
Tgt Ion: 96 Resp: 99983

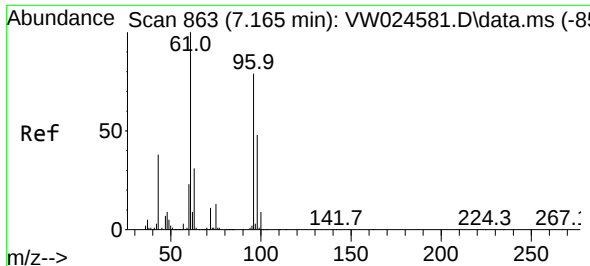
Ion Ratio Lower Upper

96 100

61 129.4 91.2 169.4

68 0.0 0.0 0.0

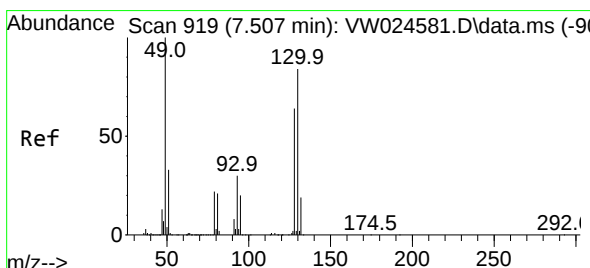
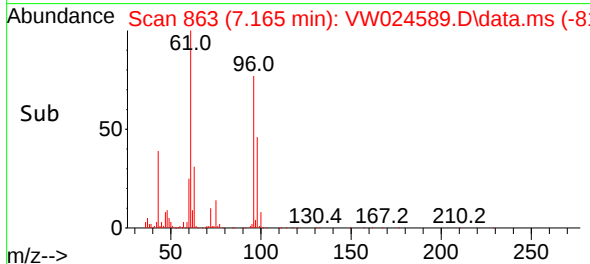
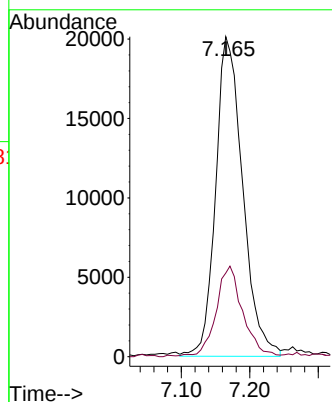
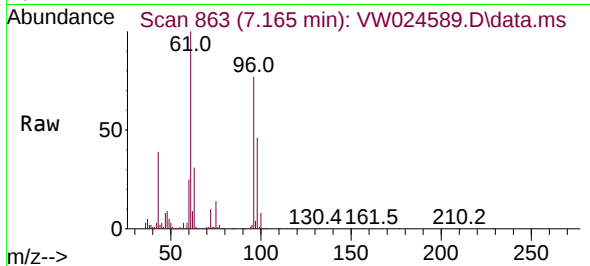




#22
2-Butanone
Concen: 41.484 ug/L
RT: 7.165 min Scan# 863
Delta R.T. -0.000 min
Lab File: VW024589.D
Acq: 09 Sep 2022 08:37

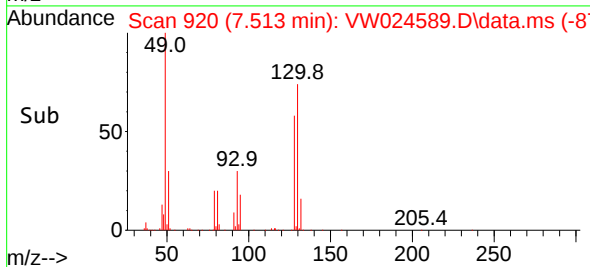
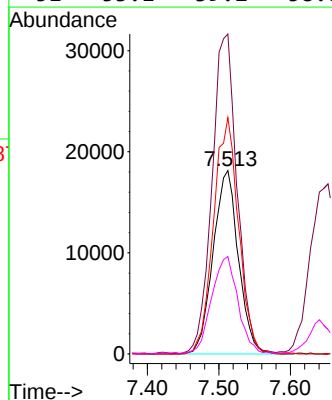
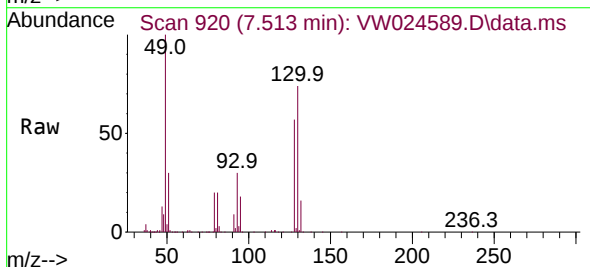
Instrument :
MSVOA_W
ClientSampleId :
VSTD025566

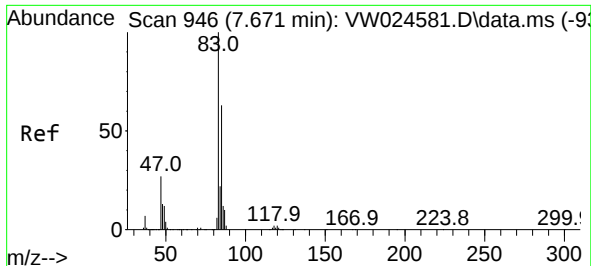
Tgt Ion: 43 Resp: 55164
Ion Ratio Lower Upper
43 100
72 27.6 15.4 46.4



#23
Bromochloromethane
Concen: 22.795 ug/L
RT: 7.513 min Scan# 920
Delta R.T. 0.006 min
Lab File: VW024589.D
Acq: 09 Sep 2022 08:37

Tgt Ion: 128 Resp: 44486
Ion Ratio Lower Upper
128 100
49 174.5 110.0 204.2
130 128.9 88.3 163.9
51 53.1 39.2 58.8

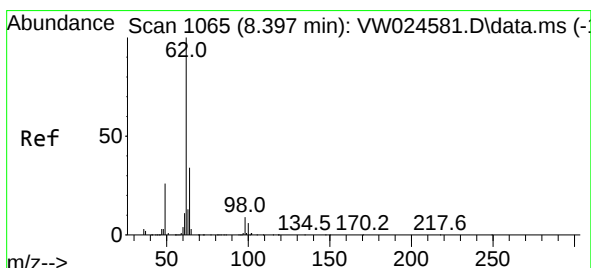
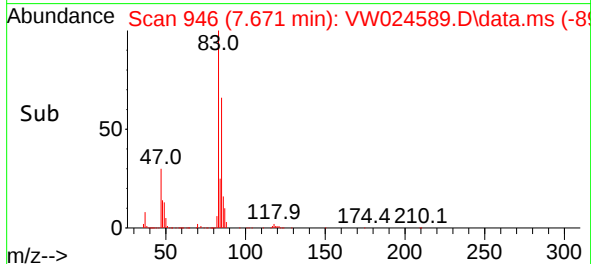
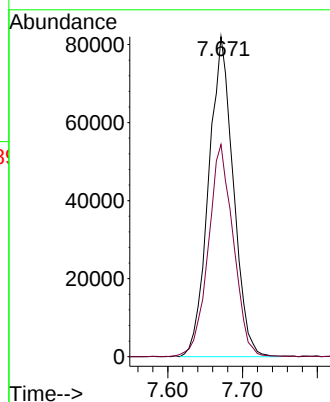
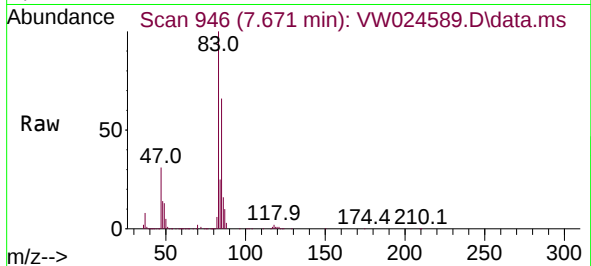




#25
Chloroform
Concen: 24.515 ug/L
RT: 7.671 min Scan# 946
Delta R.T. -0.000 min
Lab File: VW024589.D
Acq: 09 Sep 2022 08:37

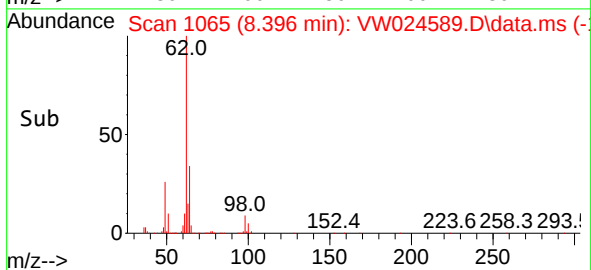
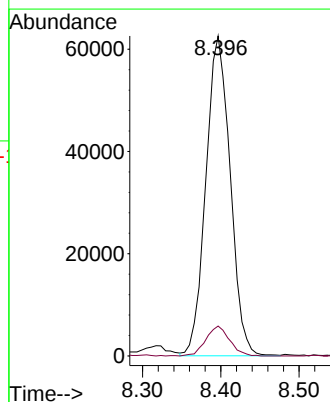
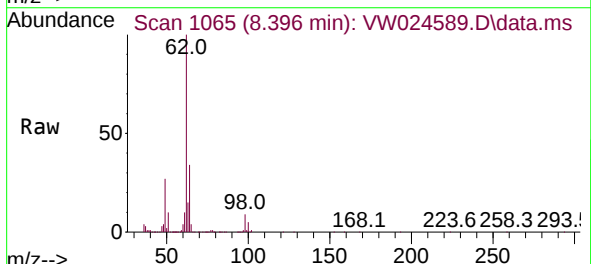
Instrument :
MSVOA_W
ClientSampleId :
VSTD025566

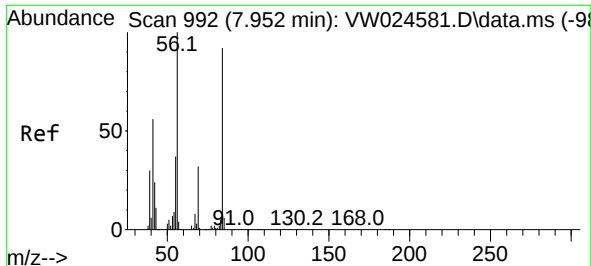
Tgt Ion: 83 Resp: 188237
Ion Ratio Lower Upper
83 100
85 66.3 46.4 86.2



#27
1,2-Dichloroethane
Concen: 26.177 ug/L
RT: 8.396 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VW024589.D
Acq: 09 Sep 2022 08:37

Tgt Ion: 62 Resp: 135106
Ion Ratio Lower Upper
62 100
98 9.4 7.4 11.0

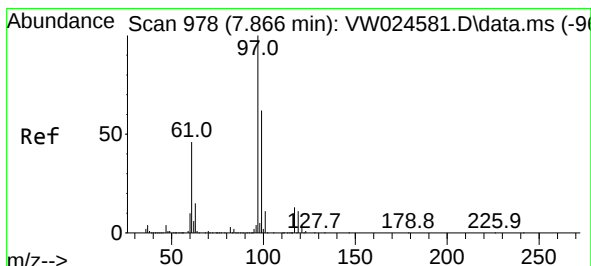
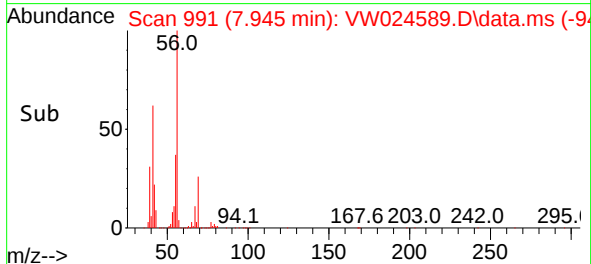
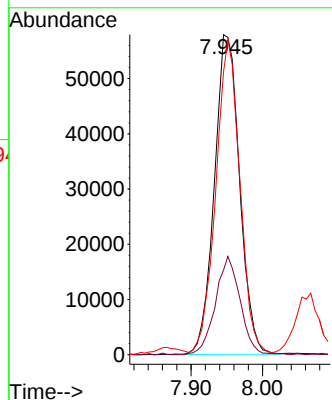
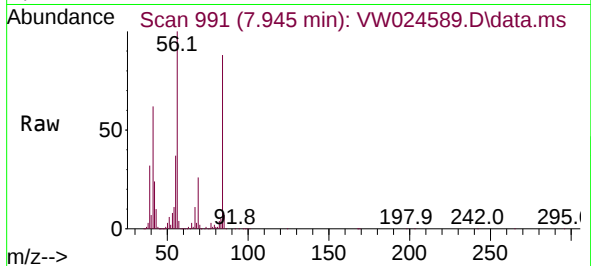




#29
Cyclohexane
Concen: 24.438 ug/L
RT: 7.945 min Scan# 991
Delta R.T. -0.006 min
Lab File: VW024589.D
Acq: 09 Sep 2022 08:37

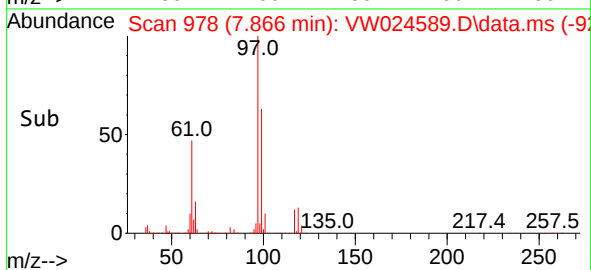
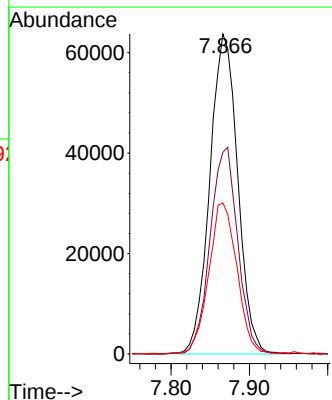
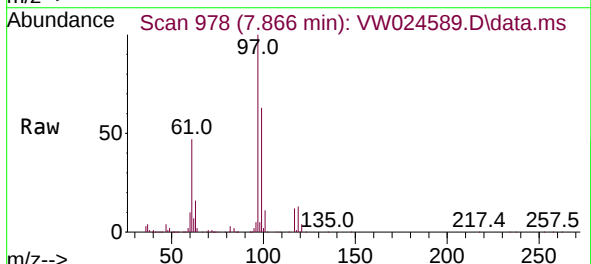
Instrument :
MSVOA_W
ClientSampleId :
VSTD025566

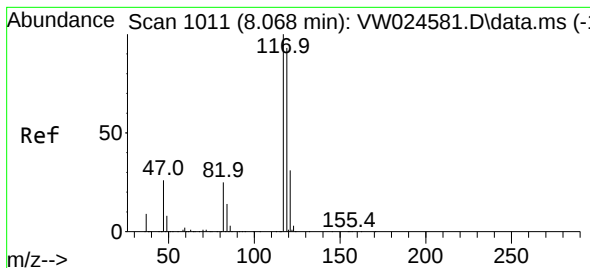
Tgt Ion: 56 Resp: 141917
Ion Ratio Lower Upper
56 100
69 30.0 24.5 36.7
84 94.2 75.7 113.5



#30
1,1,1-Trichloroethane
Concen: 23.981 ug/L
RT: 7.866 min Scan# 978
Delta R.T. -0.000 min
Lab File: VW024589.D
Acq: 09 Sep 2022 08:37

Tgt Ion: 97 Resp: 157758
Ion Ratio Lower Upper
97 100
99 64.2 51.5 77.3
61 47.8 37.2 55.8

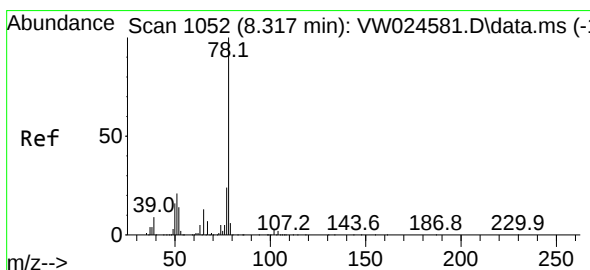
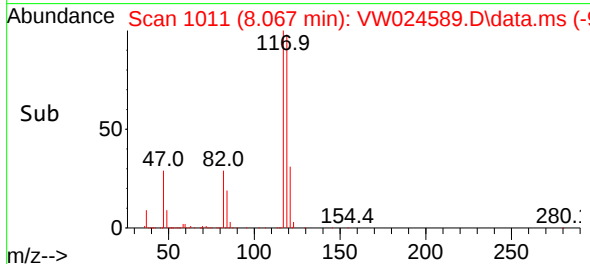
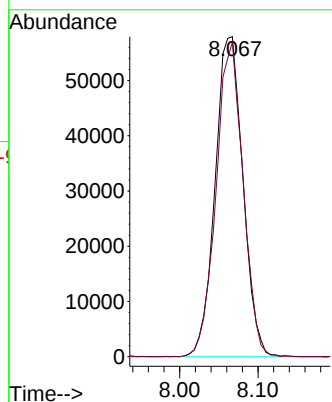
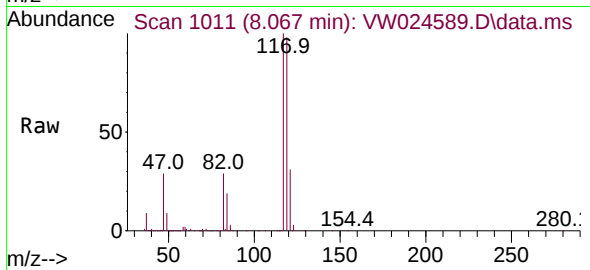




#31
Carbon tetrachloride
Concen: 23.795 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.000 min
Lab File: VW024589.D
Acq: 09 Sep 2022 08:37

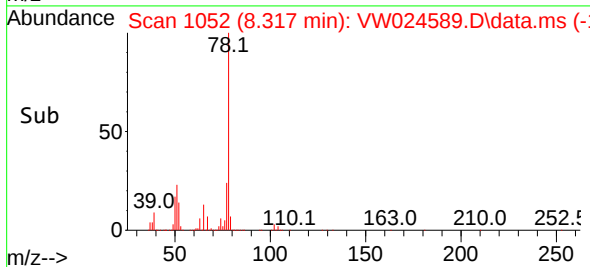
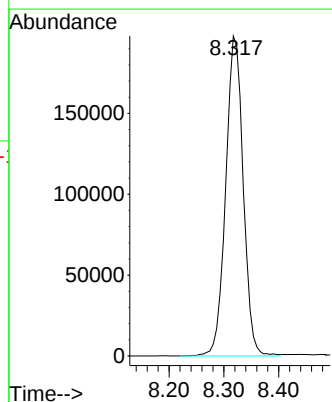
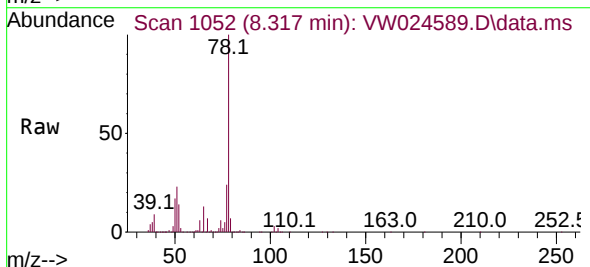
Instrument :
MSVOA_W
ClientSampleId :
VSTD025566

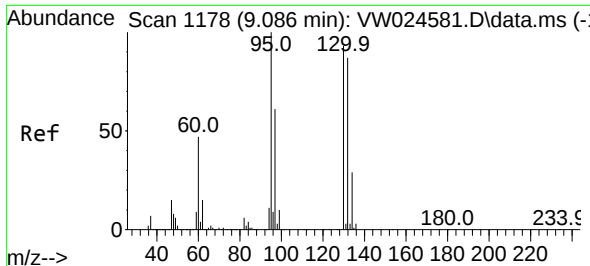
Tgt Ion:117 Resp: 142970
Ion Ratio Lower Upper
117 100
119 95.3 74.4 111.6



#33
Benzene
Concen: 25.826 ug/L
RT: 8.317 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VW024589.D
Acq: 09 Sep 2022 08:37

Tgt Ion: 78 Resp: 439694

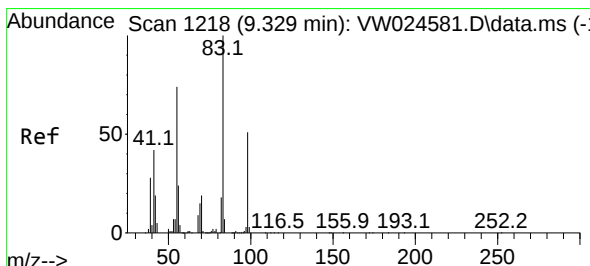
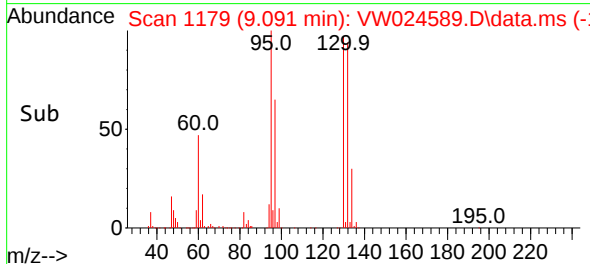
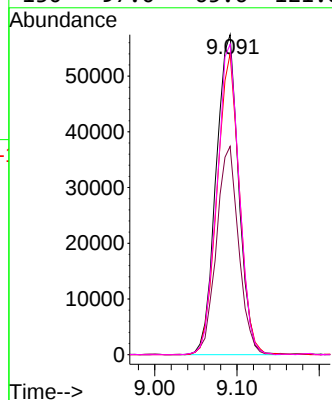
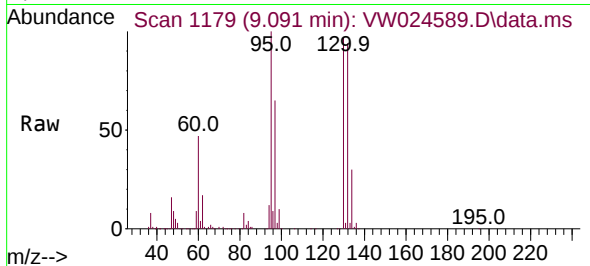




#34
Trichloroethene
Concen: 24.648 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. 0.006 min
Lab File: VW024589.D
Acq: 09 Sep 2022 08:37

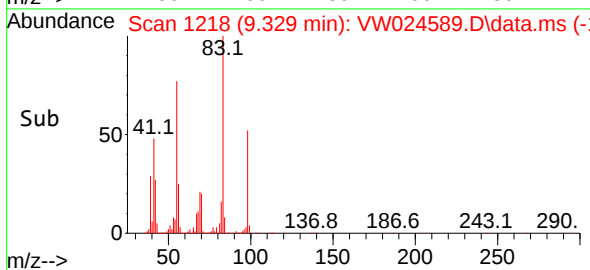
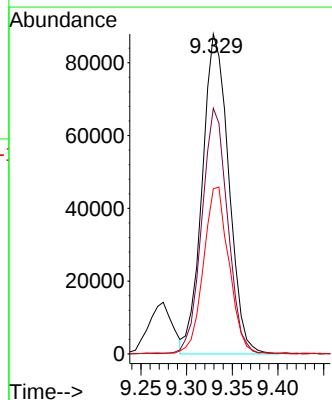
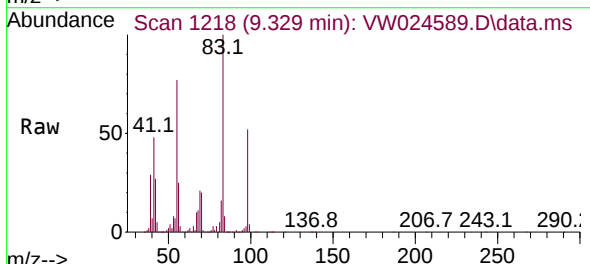
Instrument :
MSVOA_W
ClientSampleId :
VSTD025566

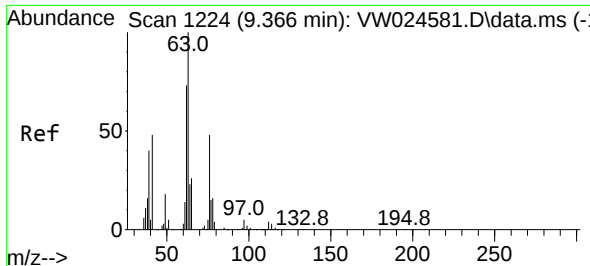
Tgt Ion: 95 Resp: 109599
Ion Ratio Lower Upper
95 100
97 65.1 45.9 85.3
132 94.1 62.6 116.2
130 97.0 65.6 121.8



#35
Methylcyclohexane
Concen: 24.881 ug/L
RT: 9.329 min Scan# 1218
Delta R.T. -0.000 min
Lab File: VW024589.D
Acq: 09 Sep 2022 08:37

Tgt Ion: 83 Resp: 177003
Ion Ratio Lower Upper
83 100
55 74.8 57.3 85.9
98 50.5 40.4 60.6





#37

1,2-Dichloropropane

Concen: 25.345 ug/L

RT: 9.366 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW024589.D

Acq: 09 Sep 2022 08:37

Instrument :

MSVOA_W

ClientSampleId :

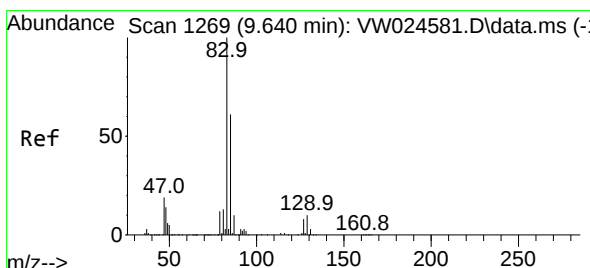
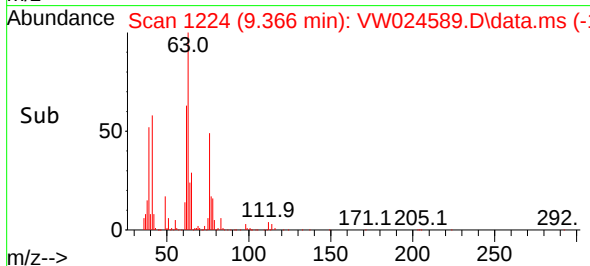
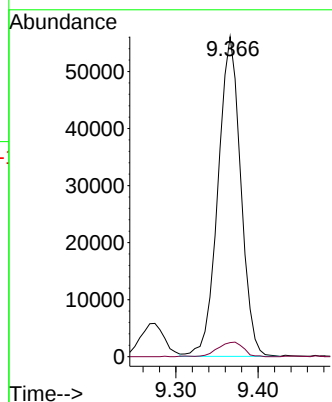
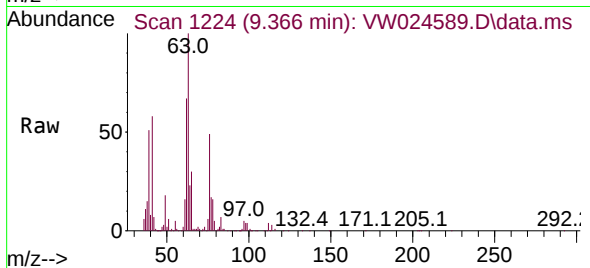
VSTD025566

Tgt Ion: 63 Resp: 107767

Ion Ratio Lower Upper

63 100

112 4.8 3.9 5.9



#38

Bromodichloromethane

Concen: 25.405 ug/L

RT: 9.640 min Scan# 1269

Delta R.T. -0.000 min

Lab File: VW024589.D

Acq: 09 Sep 2022 08:37

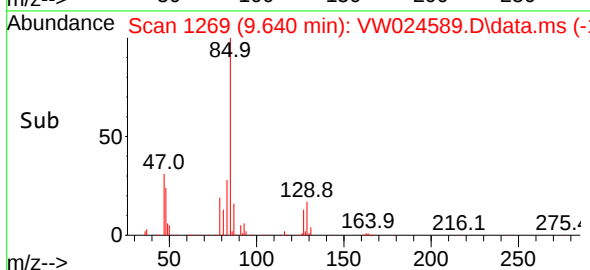
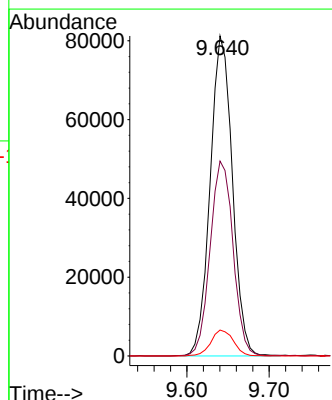
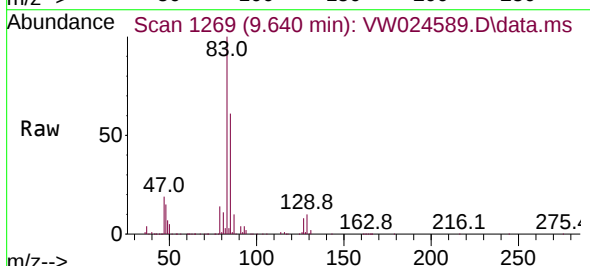
Tgt Ion: 83 Resp: 152672

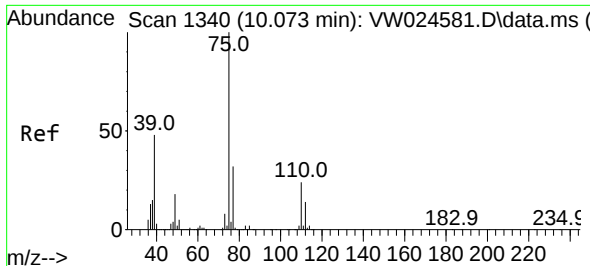
Ion Ratio Lower Upper

83 100

85 60.9 45.1 83.9

127 8.1 7.3 10.9

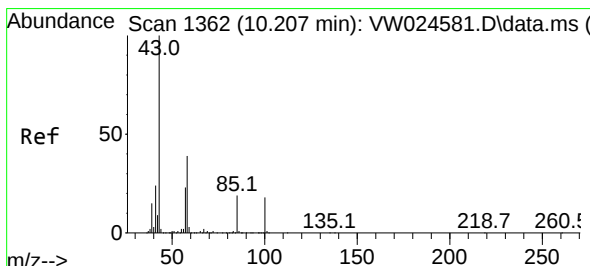
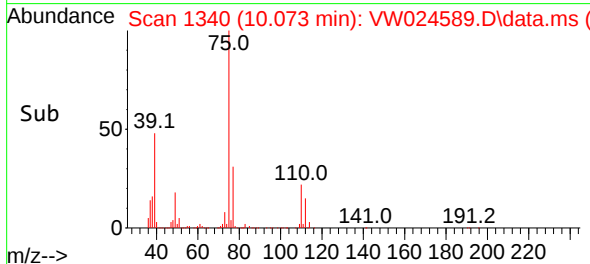
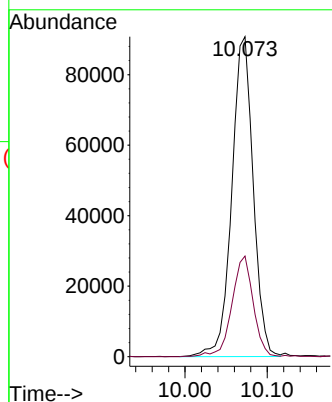
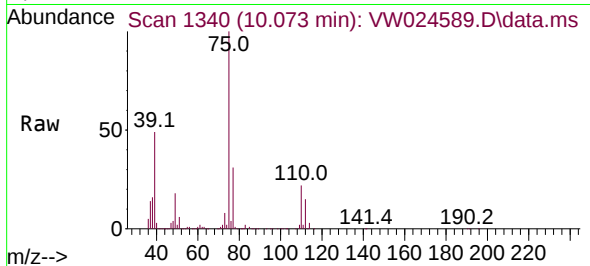




#39
 cis-1,3-Dichloropropene
 Concen: 26.485 ug/L
 RT: 10.073 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VW024589.D
 Acq: 09 Sep 2022 08:37

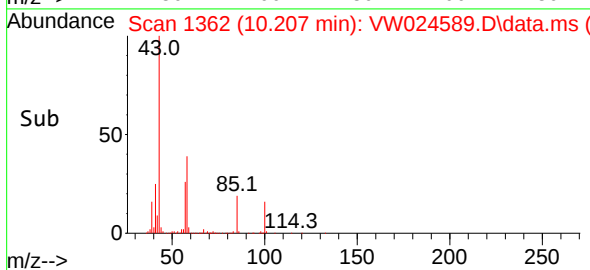
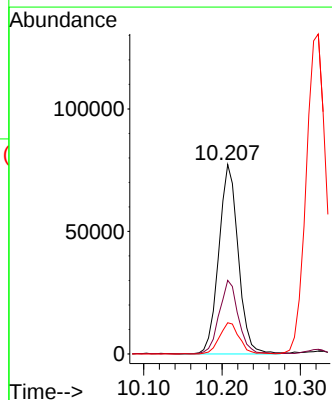
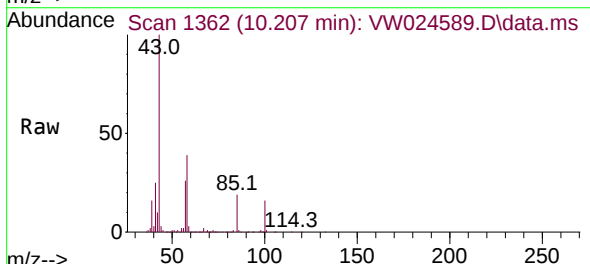
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025566

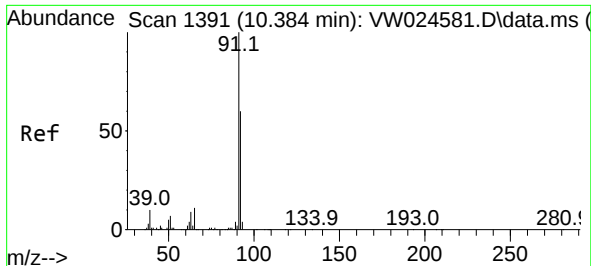
Tgt Ion: 75 Resp: 164660
 Ion Ratio Lower Upper
 75 100
 77 31.5 21.9 40.7



#40
 4-Methyl-2-pentanone
 Concen: 47.624 ug/L
 RT: 10.207 min Scan# 1362
 Delta R.T. -0.000 min
 Lab File: VW024589.D
 Acq: 09 Sep 2022 08:37

Tgt Ion: 43 Resp: 133580
 Ion Ratio Lower Upper
 43 100
 58 37.8 30.9 46.3
 100 16.5 13.3 19.9

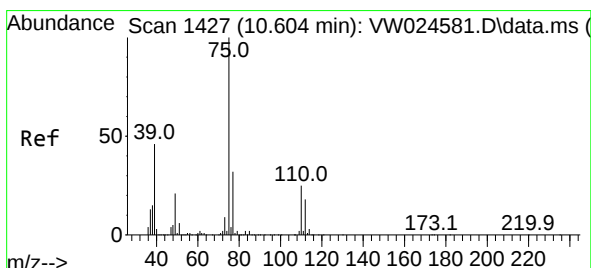
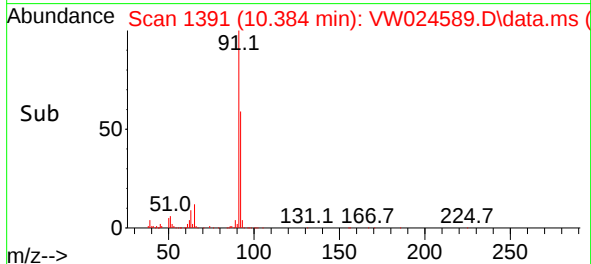
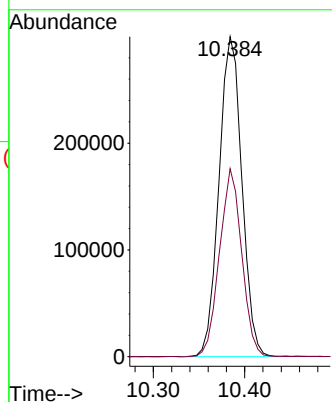
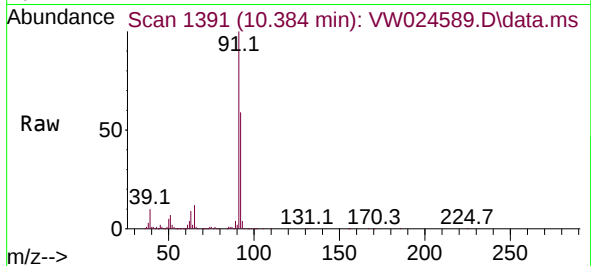




#42
Toluene
Concen: 27.830 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.000 min
Lab File: VW024589.D
Acq: 09 Sep 2022 08:37

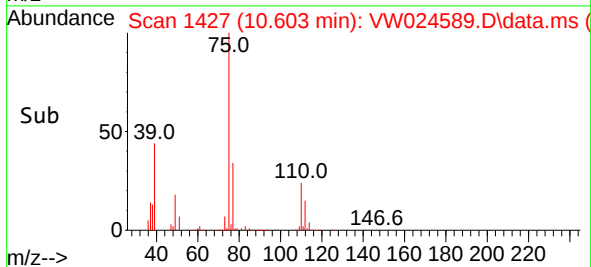
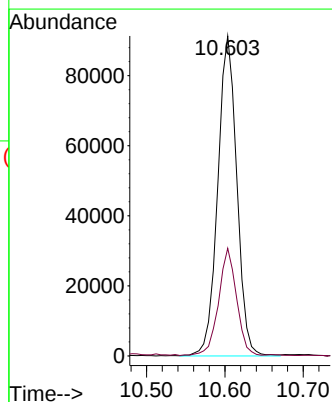
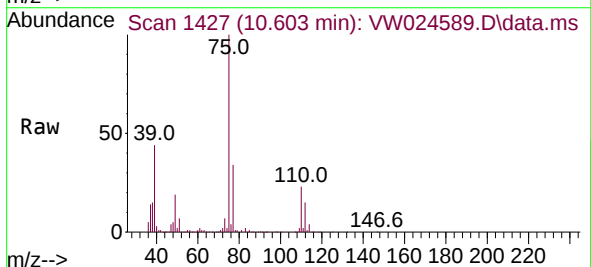
Instrument :
MSVOA_W
ClientSampleId :
VSTD025566

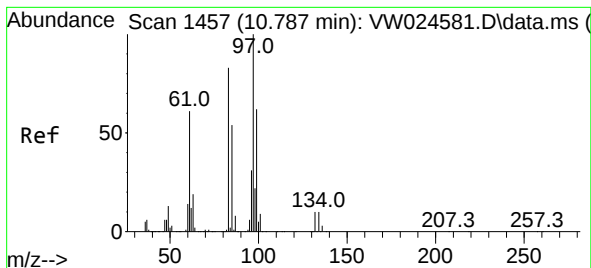
Tgt Ion: 91 Resp: 522346
Ion Ratio Lower Upper
91 100
92 58.7 40.8 75.8



#44
trans-1,3-Dichloropropene
Concen: 26.380 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW024589.D
Acq: 09 Sep 2022 08:37

Tgt Ion: 75 Resp: 154914
Ion Ratio Lower Upper
75 100
77 33.7 21.8 40.4





#45

1,1,2-Trichloroethane

Concen: 25.311 ug/L

RT: 10.786 min Scan# 1457

Delta R.T. -0.000 min

Lab File: VW024589.D

Acq: 09 Sep 2022 08:37

Instrument :

MSVOA_W

ClientSampleId :

VSTD025566

Tgt Ion: 97 Resp: 89947

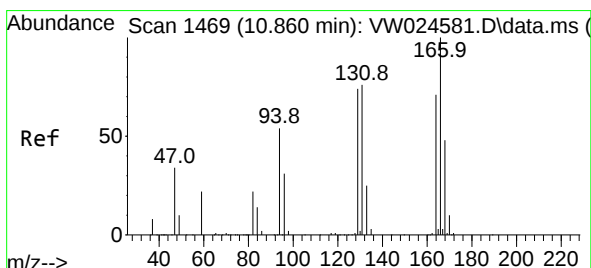
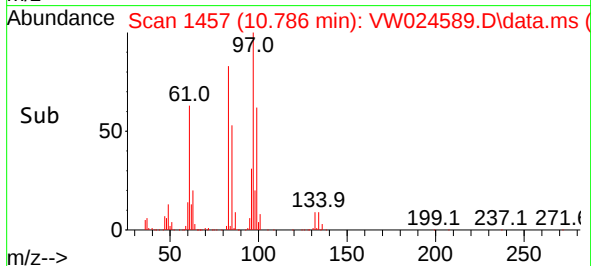
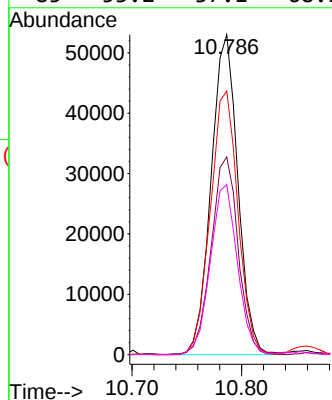
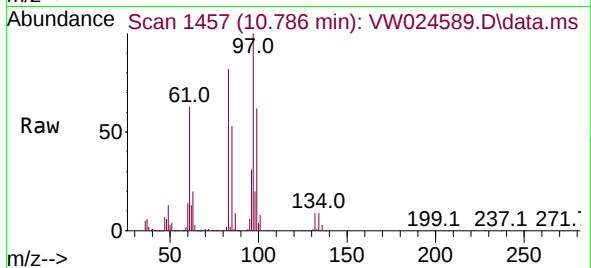
Ion Ratio Lower Upper

97 100

99 61.8 41.9 77.9

83 82.4 58.2 108.0

85 53.2 37.1 68.9



#46

Tetrachloroethene

Concen: 26.535 ug/L

RT: 10.859 min Scan# 1469

Delta R.T. -0.000 min

Lab File: VW024589.D

Acq: 09 Sep 2022 08:37

Tgt Ion:164 Resp: 86938

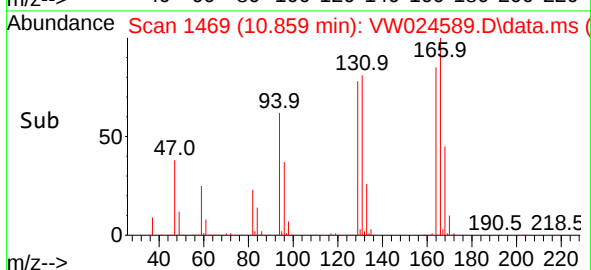
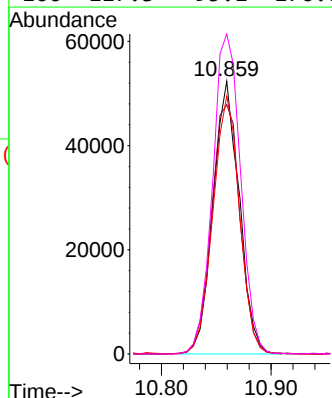
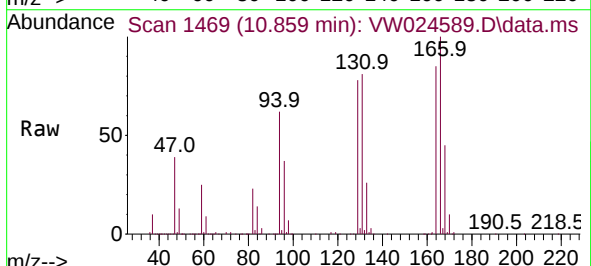
Ion Ratio Lower Upper

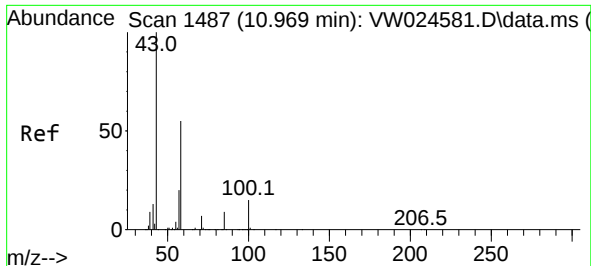
164 100

129 91.4 75.0 139.2

131 94.6 70.1 130.1

166 117.3 95.1 176.7

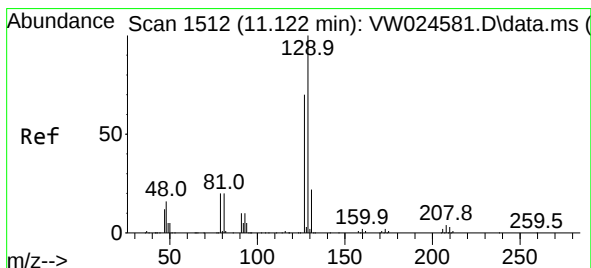
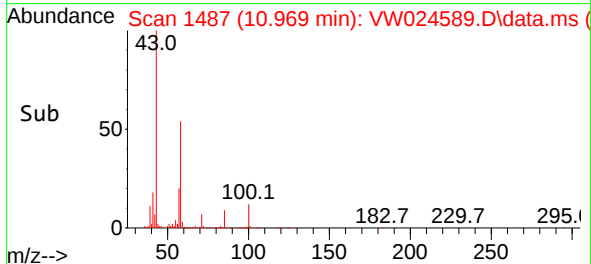
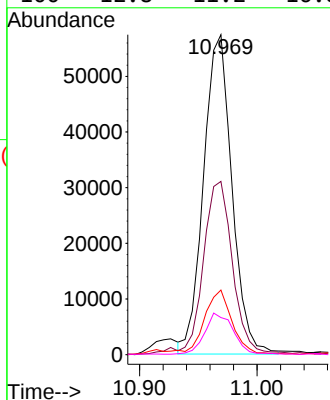
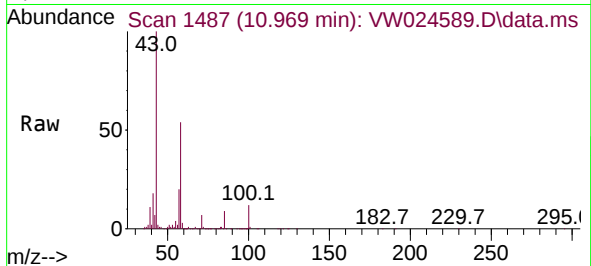




#48
2-Hexanone
Concen: 50.151 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW024589.D
Acq: 09 Sep 2022 08:37

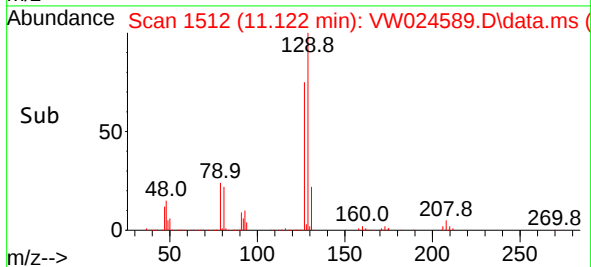
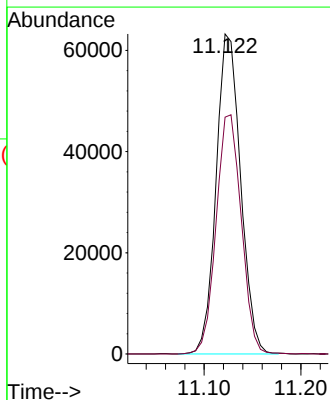
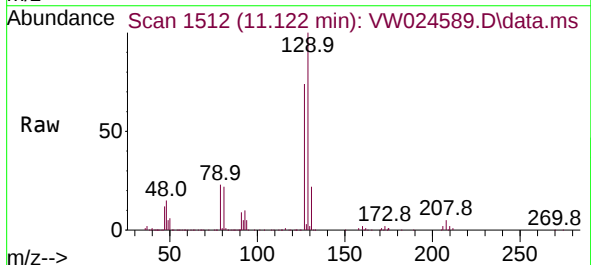
Instrument :
MSVOA_W
ClientSampleId :
VSTD025566

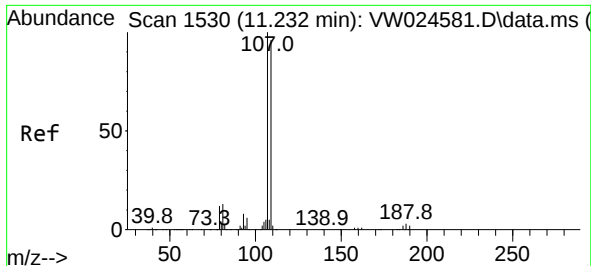
Tgt Ion:	43	Resp:	96465
Ion	Ratio	Lower	Upper
43	100		
58	55.2	43.7	65.5
57	19.7	15.3	22.9
100	12.8	11.2	16.8



#49
Dibromochloromethane
Concen: 26.779 ug/L
RT: 11.122 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VW024589.D
Acq: 09 Sep 2022 08:37

Tgt Ion:	129	Resp:	111249
Ion	Ratio	Lower	Upper
129	100		
127	74.0	56.1	104.1





#50

1,2-Dibromoethane

Concen: 24.911 ug/L

RT: 11.231 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW024589.D

Acq: 09 Sep 2022 08:37

Instrument :

MSVOA_W

ClientSampleId :

VSTD025566

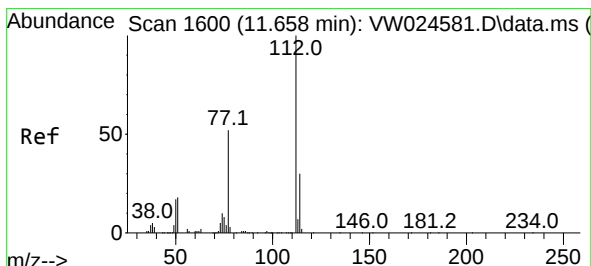
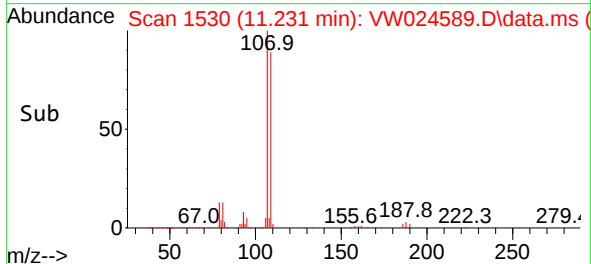
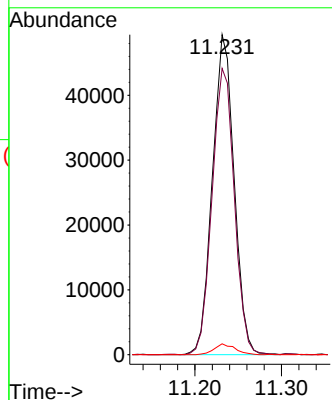
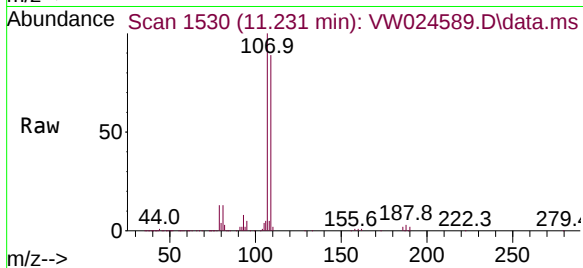
Tgt Ion:107 Resp: 85917

Ion Ratio Lower Upper

107 100

109 89.4 64.5 119.9

188 3.4 3.0 4.4



#51

Chlorobenzene

Concen: 26.686 ug/L

RT: 11.652 min Scan# 1599

Delta R.T. -0.006 min

Lab File: VW024589.D

Acq: 09 Sep 2022 08:37

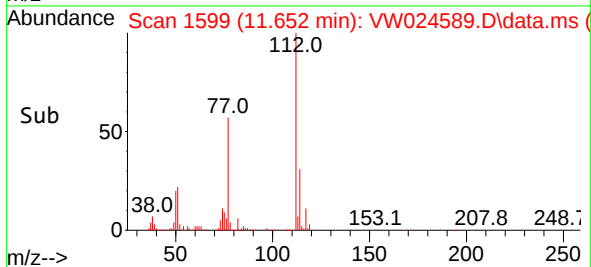
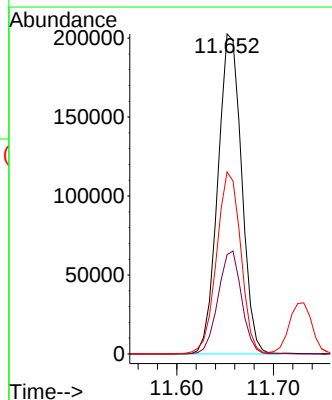
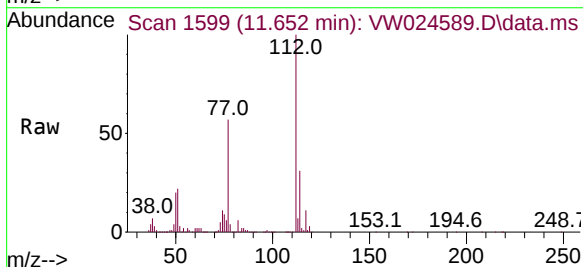
Tgt Ion:112 Resp: 346036

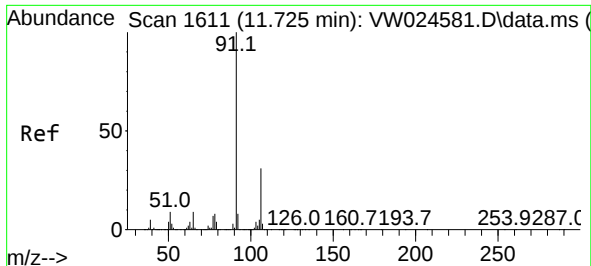
Ion Ratio Lower Upper

112 100

114 31.1 20.0 37.2

77 56.9 42.6 63.8

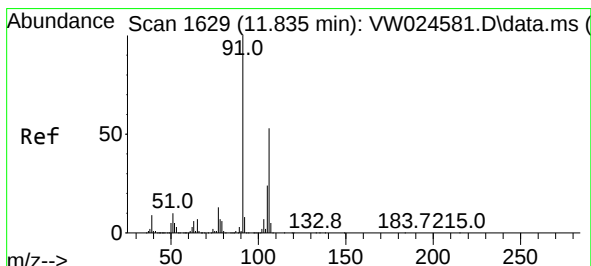
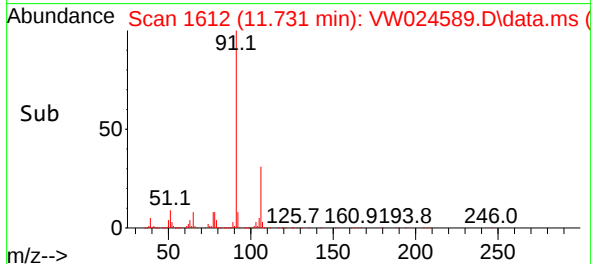
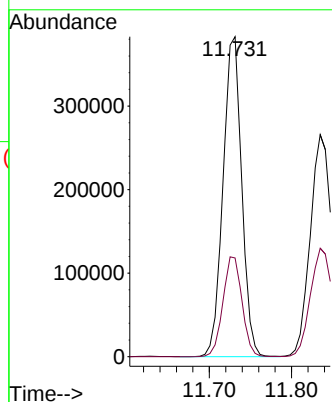
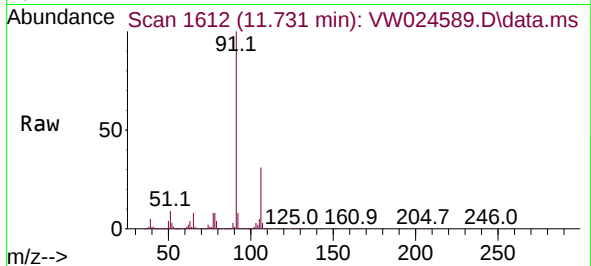




#52
Ethylbenzene
Concen: 28.400 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.006 min
Lab File: VW024589.D
Acq: 09 Sep 2022 08:37

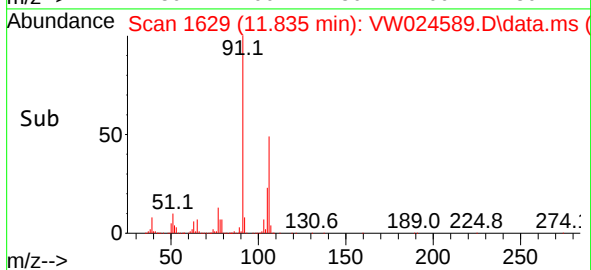
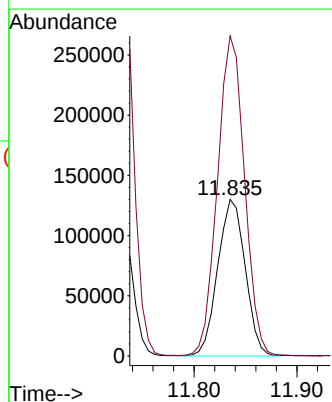
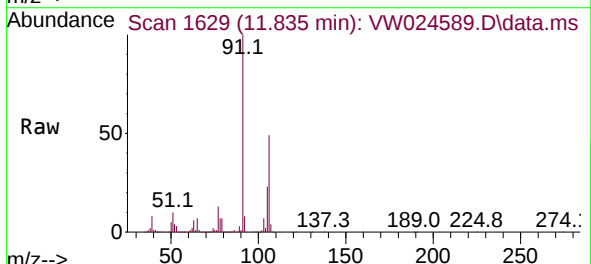
Instrument :
MSVOA_W
ClientSampleId :
VSTD025566

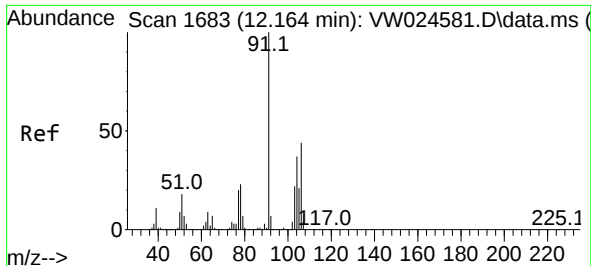
Tgt Ion: 91 Resp: 605207
Ion Ratio Lower Upper
91 100
106 30.9 23.8 44.2



#53
m,p-Xylene
Concen: 28.967 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VW024589.D
Acq: 09 Sep 2022 08:37

Tgt Ion: 106 Resp: 241174
Ion Ratio Lower Upper
106 100
91 204.5 131.3 243.8

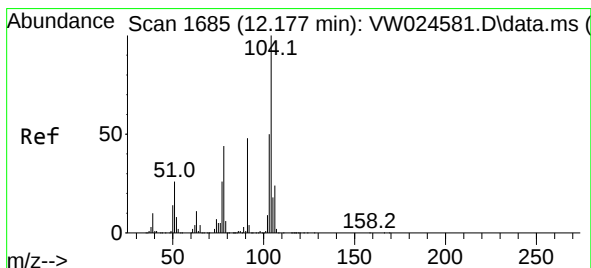
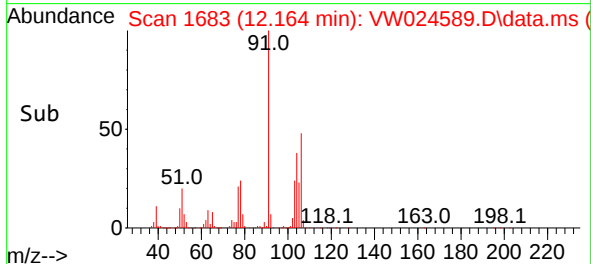
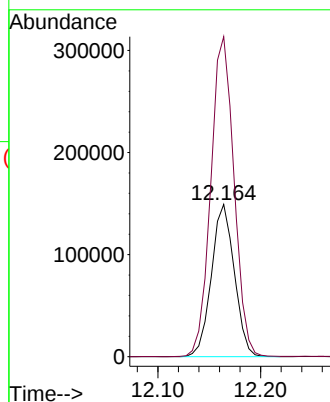
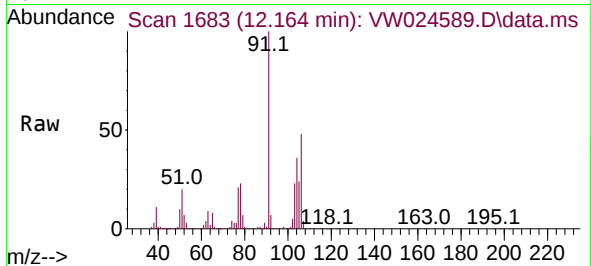




#54
o-Xylene
Concen: 29.143 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW024589.D
Acq: 09 Sep 2022 08:37

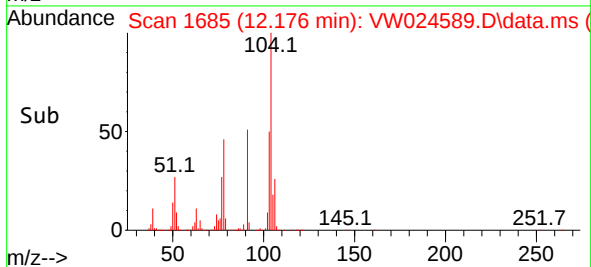
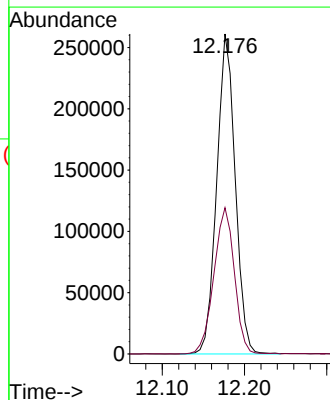
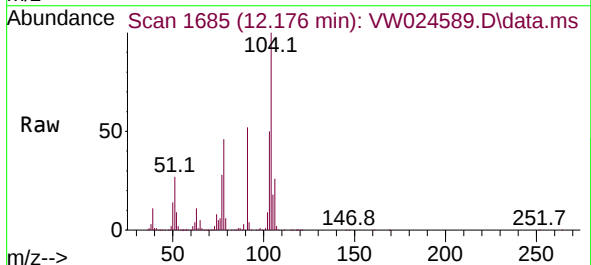
Instrument :
MSVOA_W
ClientSampleId :
VSTD025566

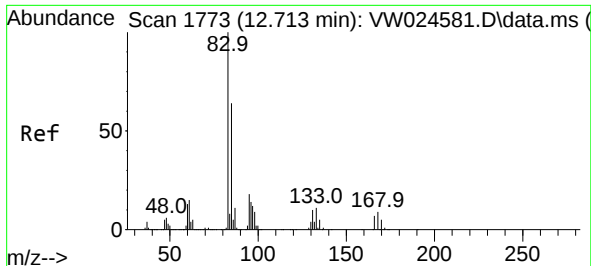
Tgt Ion:106 Resp: 231009
Ion Ratio Lower Upper
106 100
91 210.1 148.7 276.3



#55
Styrene
Concen: 29.268 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VW024589.D
Acq: 09 Sep 2022 08:37

Tgt Ion:104 Resp: 408383
Ion Ratio Lower Upper
104 100
78 45.7 33.0 61.4





#57

1,1,2-Tetrachloroethane

Concen: 26.731 ug/L

RT: 12.713 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VW024589.D

Acq: 09 Sep 2022 08:37

Instrument :

MSVOA_W

ClientSampleId :

VSTD025566

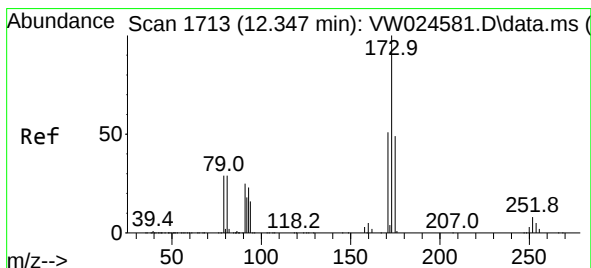
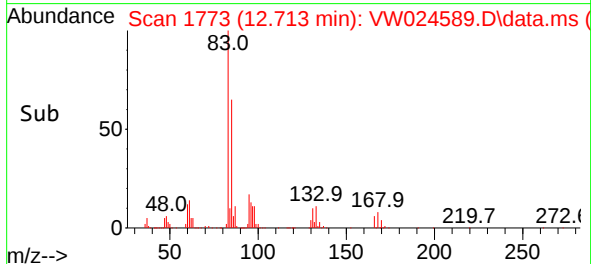
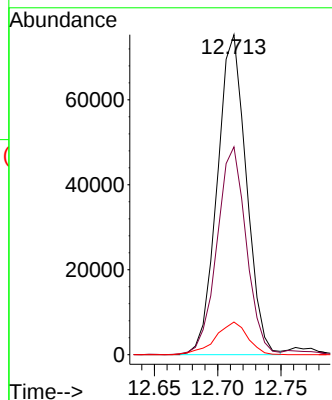
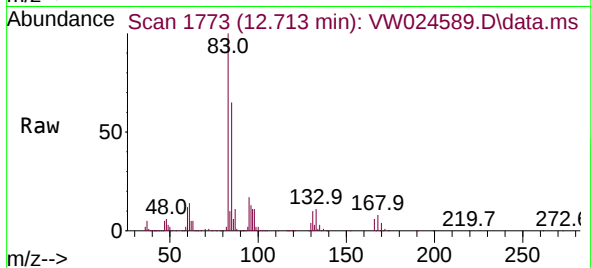
Tgt Ion: 83 Resp: 120260

Ion Ratio Lower Upper

83 100

85 64.9 45.6 84.8

131 10.2 9.0 13.4



#59

Bromoform

Concen: 25.613 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. -0.000 min

Lab File: VW024589.D

Acq: 09 Sep 2022 08:37

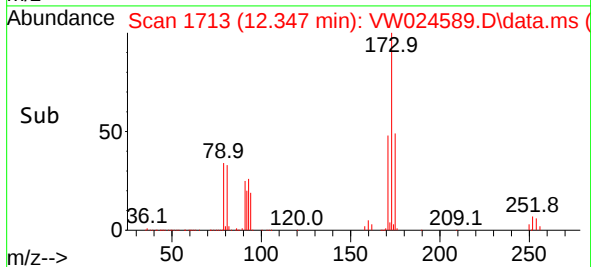
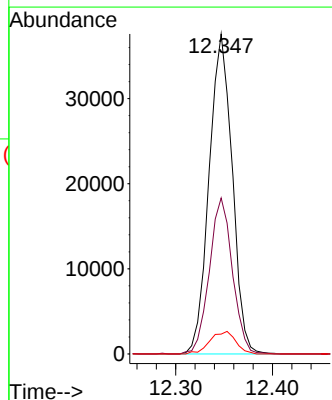
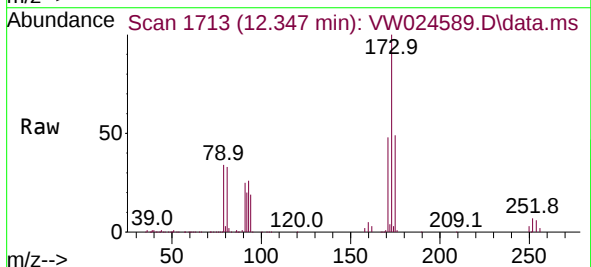
Tgt Ion: 173 Resp: 62338

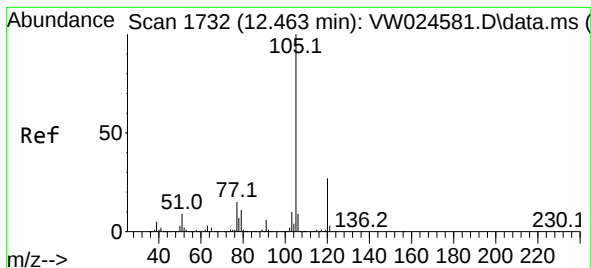
Ion Ratio Lower Upper

173 100

175 48.6 40.5 60.7

254 7.9 6.4 9.6





#60

Isopropylbenzene

Concen: 28.436 ug/L

RT: 12.463 min Scan# 1732

Delta R.T. -0.000 min

Lab File: VW024589.D

Acq: 09 Sep 2022 08:37

Instrument :

MSVOA_W

ClientSampleId :

VSTD025566

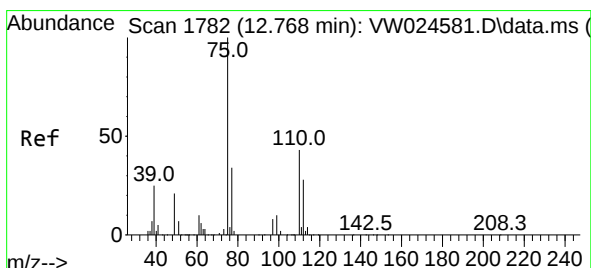
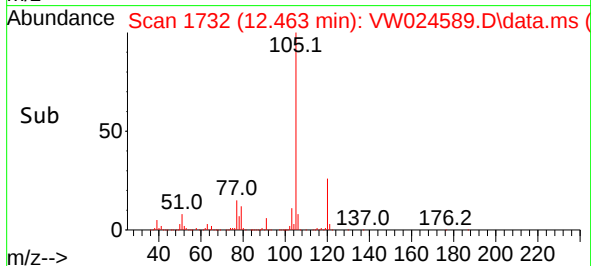
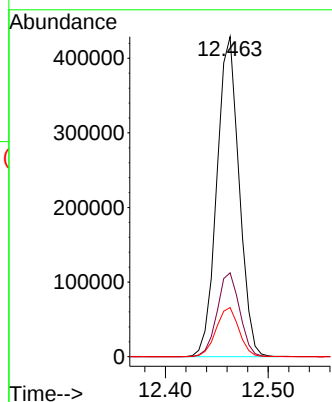
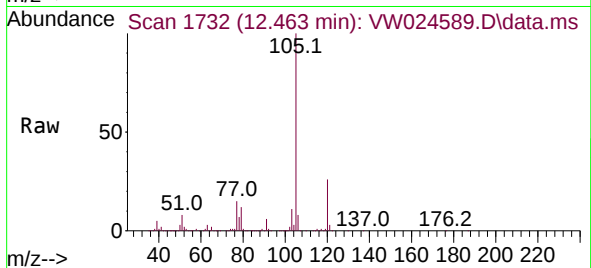
Tgt Ion:105 Resp: 644671

Ion Ratio Lower Upper

105 100

120 26.5 20.9 31.3

77 15.8 12.6 19.0



#61

1,2,3-Trichloropropane

Concen: 23.732 ug/L

RT: 12.768 min Scan# 1782

Delta R.T. -0.000 min

Lab File: VW024589.D

Acq: 09 Sep 2022 08:37

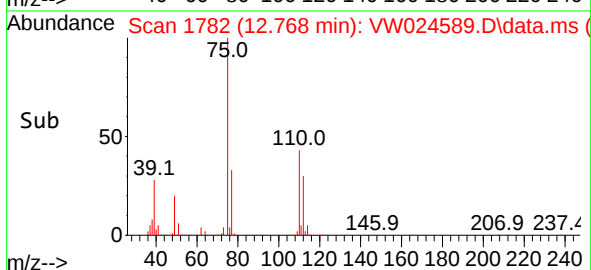
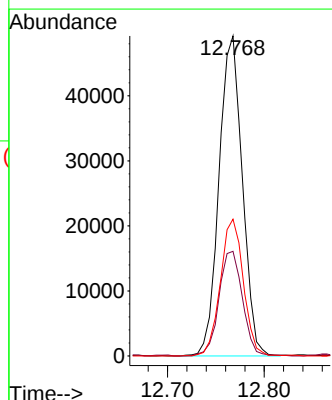
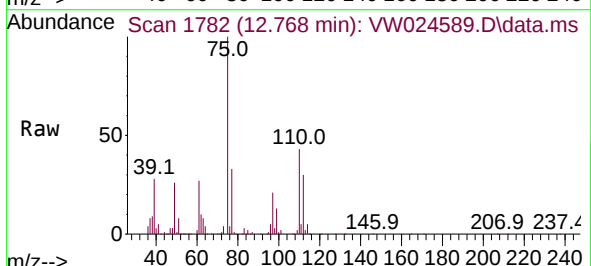
Tgt Ion: 75 Resp: 82211

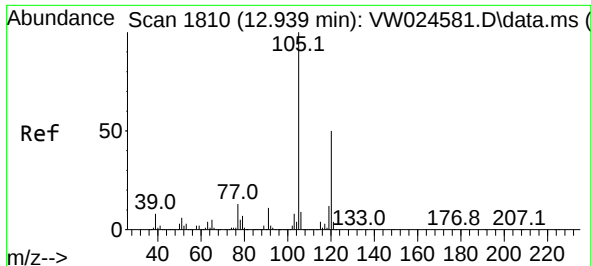
Ion Ratio Lower Upper

75 100

77 33.0 26.8 40.2

110 42.0 33.8 50.8

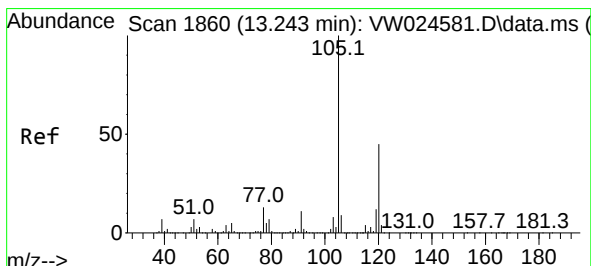
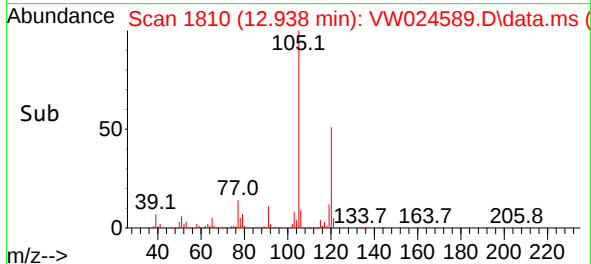
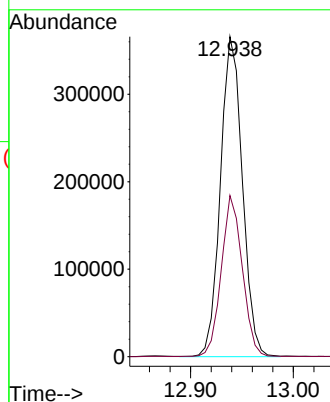
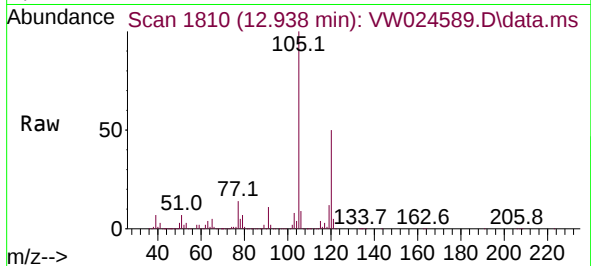




#62
1,3,5-Trimethylbenzene
Concen: 28.790 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VW024589.D
Acq: 09 Sep 2022 08:37

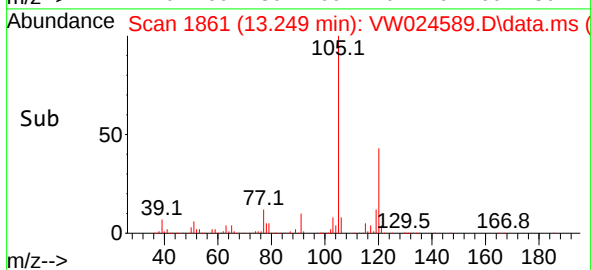
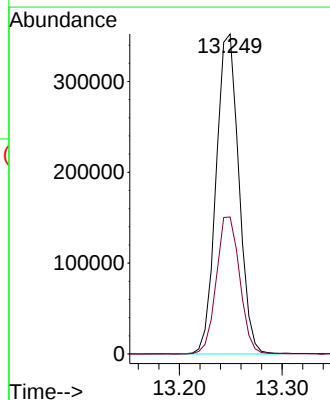
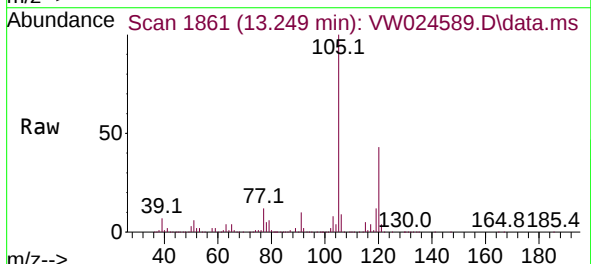
Instrument :
MSVOA_W
ClientSampleId :
VSTD025566

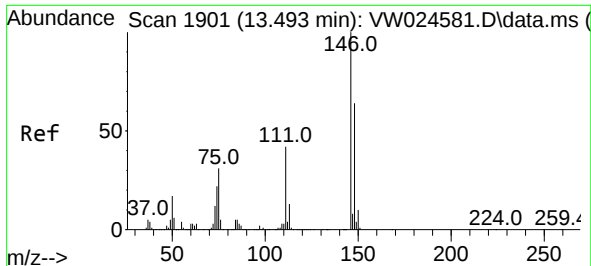
Tgt Ion:105 Resp: 541998
Ion Ratio Lower Upper
105 100
120 48.2 39.5 59.3



#63
1,2,4-Trimethylbenzene
Concen: 28.841 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.006 min
Lab File: VW024589.D
Acq: 09 Sep 2022 08:37

Tgt Ion:105 Resp: 540387
Ion Ratio Lower Upper
105 100
120 44.1 36.7 55.1

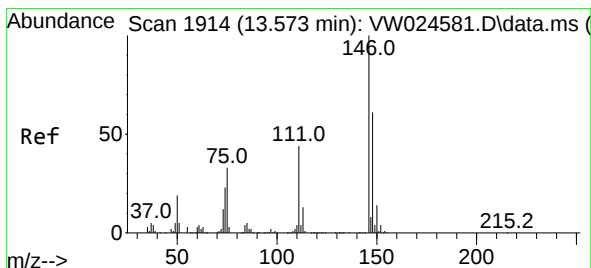
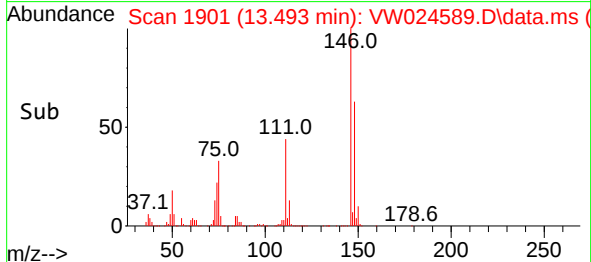
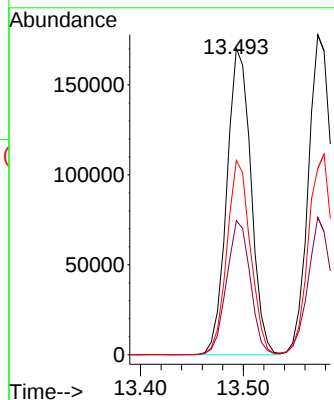
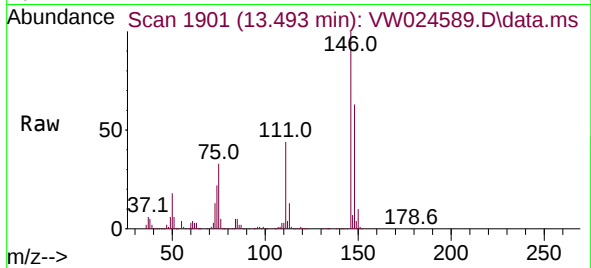




#64
1,3-Dichlorobenzene
Concen: 27.209 ug/L
RT: 13.493 min Scan# 1901
Delta R.T. -0.000 min
Lab File: VW024589.D
Acq: 09 Sep 2022 08:37

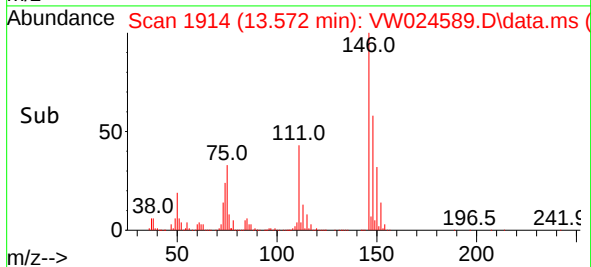
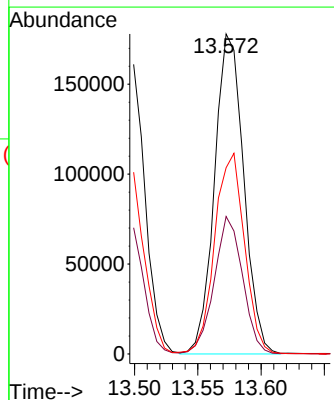
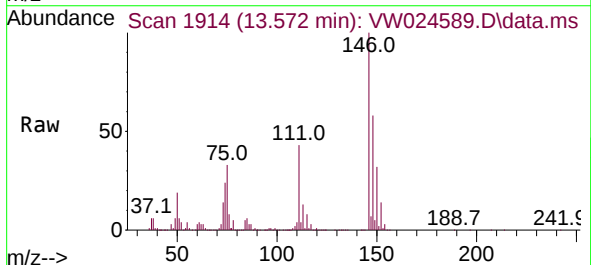
Instrument :
MSVOA_W
ClientSampleId :
VSTD025566

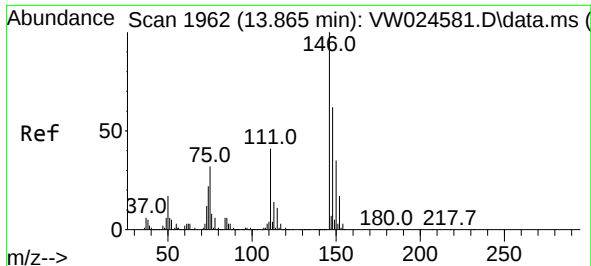
Tgt Ion:146 Resp: 277935
Ion Ratio Lower Upper
146 100
111 43.7 28.3 52.5
148 63.4 42.2 78.4



#65
1,4-Dichlorobenzene
Concen: 26.506 ug/L
RT: 13.572 min Scan# 1914
Delta R.T. -0.000 min
Lab File: VW024589.D
Acq: 09 Sep 2022 08:37

Tgt Ion:146 Resp: 285389
Ion Ratio Lower Upper
146 100
111 43.0 29.3 54.3
148 58.2 45.9 85.3





#67

1,2-Dichlorobenzene

Concen: 27.412 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.000 min

Lab File: VW024589.D

Acq: 09 Sep 2022 08:37

Instrument :

MSVOA_W

ClientSampleId :

VSTD025566

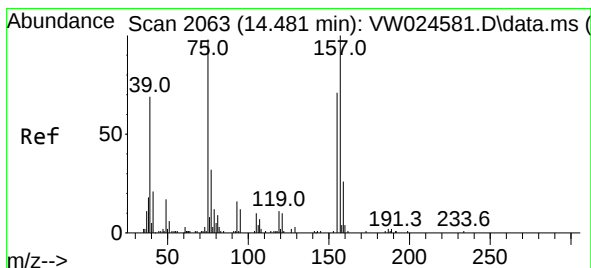
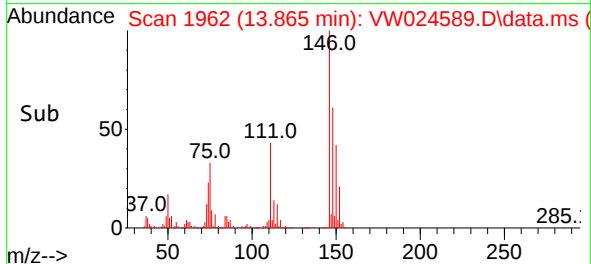
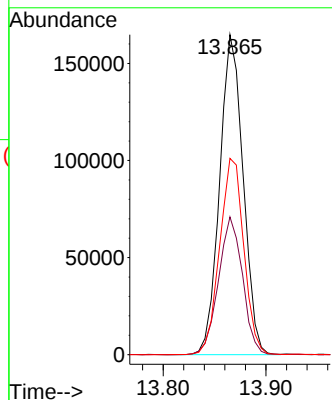
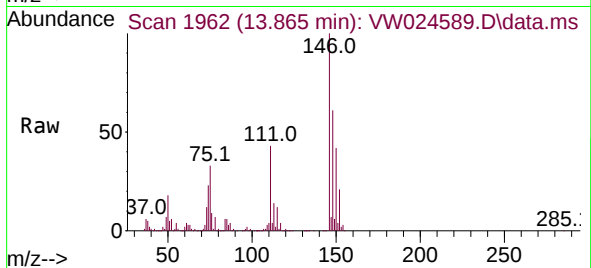
Tgt Ion:146 Resp: 261122

Ion Ratio Lower Upper

146 100

111 43.0 32.2 48.4

148 61.3 48.3 72.5



#68

1,2-Dibromo-3-chloropropane

Concen: 21.504 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW024589.D

Acq: 09 Sep 2022 08:37

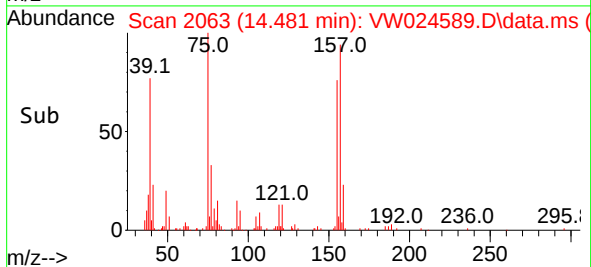
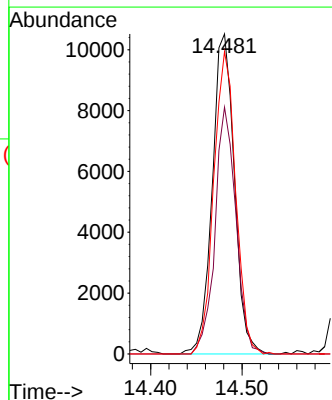
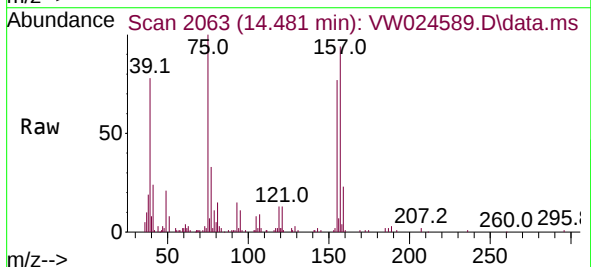
Tgt Ion: 75 Resp: 17625

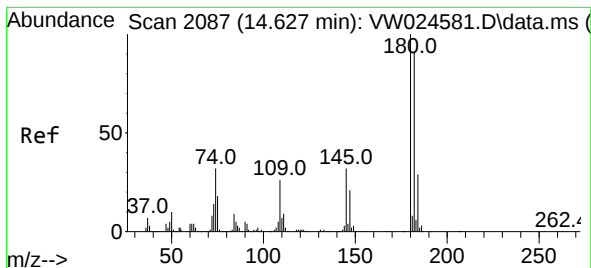
Ion Ratio Lower Upper

75 100

155 77.1 66.3 99.5

157 94.5 77.6 116.4

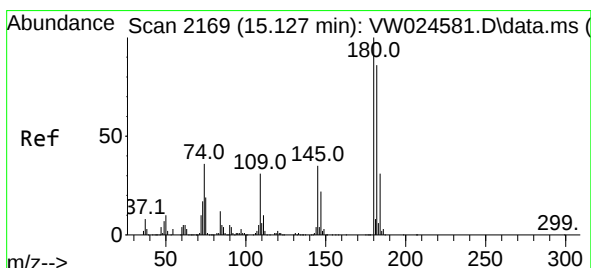
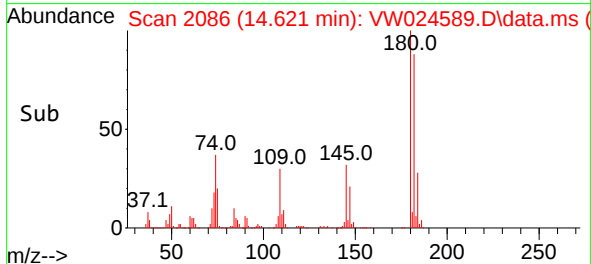
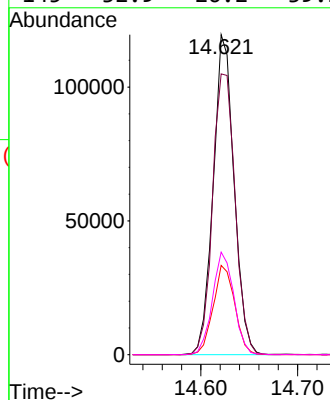
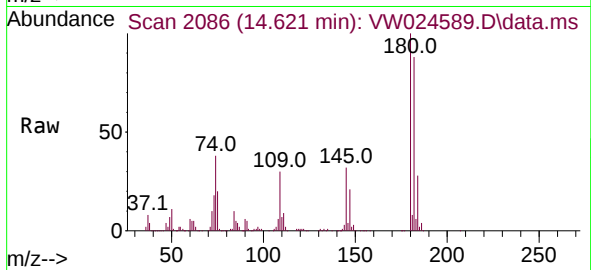




#69
1,3,5-Trichlorobenzene
Concen: 26.944 ug/L
RT: 14.621 min Scan# 2087
Delta R.T. -0.006 min
Lab File: VW024589.D
Acq: 09 Sep 2022 08:37

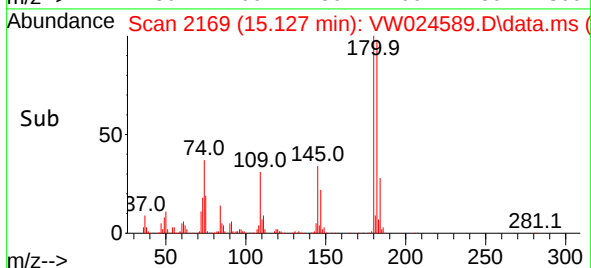
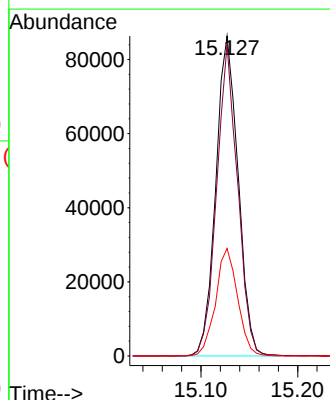
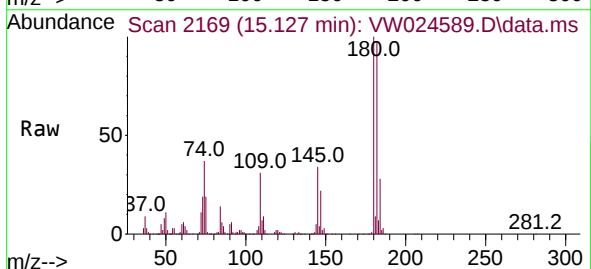
Instrument :
MSVOA_W
ClientSampleId :
VSTD025566

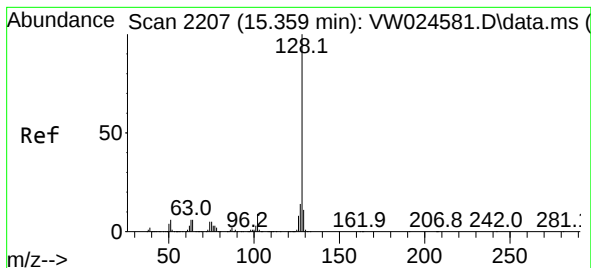
Tgt Ion:180 Resp: 178768
Ion Ratio Lower Upper
180 100
182 94.8 72.4 108.6
184 28.9 22.8 34.2
145 32.9 26.2 39.2



#70
1,2,4-trichlorobenzene
Concen: 26.225 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. -0.000 min
Lab File: VW024589.D
Acq: 09 Sep 2022 08:37

Tgt Ion:180 Resp: 138066
Ion Ratio Lower Upper
180 100
182 91.4 73.8 110.6
145 33.1 26.6 39.8





#71

Naphthalene

Concen: 24.466 ug/L

RT: 15.359 min Scan# 21

Delta R.T. -0.000 min

Lab File: VW024589.D

Acq: 09 Sep 2022 08:37

Instrument :

MSVOA_W

ClientSampleId :

VSTD025566

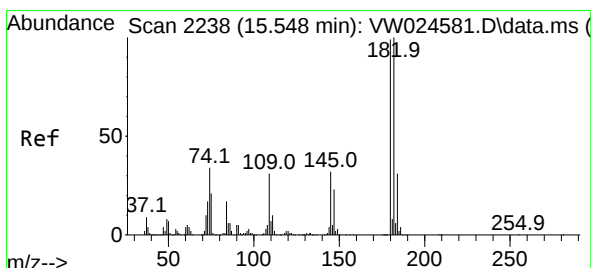
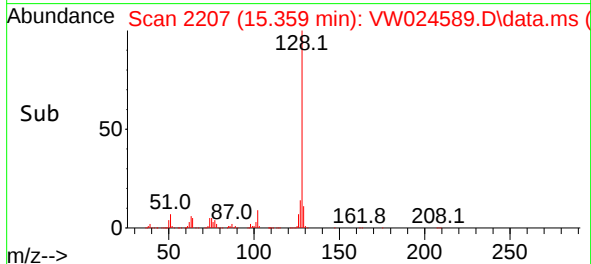
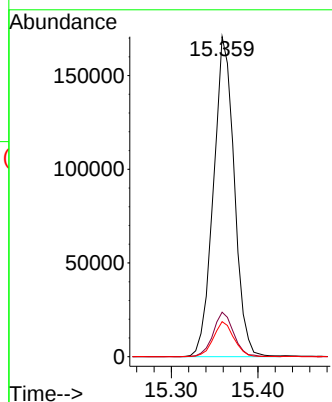
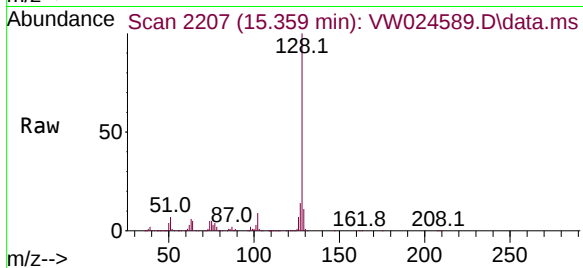
Tgt Ion:128 Resp: 284975

Ion Ratio Lower Upper

128 100

127 13.7 10.7 16.1

129 10.8 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 25.675 ug/L

RT: 15.548 min Scan# 2238

Delta R.T. -0.000 min

Lab File: VW024589.D

Acq: 09 Sep 2022 08:37

Tgt Ion:180 Resp: 125755

Ion Ratio Lower Upper

180 100

182 92.8 78.7 118.1

145 35.7 28.1 42.1

