

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082322\
 Data File : VW024299.D
 Acq On : 23 Aug 2022 12:13
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025544

Quant Time: Aug 24 01:02:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Aug 20 00:56:10 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	267277	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	263599	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	154760	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	120372	21.546	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.200%
7) Chloroethane-d5	2.873	69	86151	24.754	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.000%
11) 1,1-Dichloroethene-d2	4.007	63	151927	23.862	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	95.440%
21) 2-Butanone-d5	7.074	46	59271	57.025	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	114.040%
24) Chloroform-d	7.647	84	206674	25.556	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.240%
26) 1,2-Dichloroethane-d4	8.299	65	113568	25.294	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.160%
32) Benzene-d6	8.269	84	361814	23.274	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.080%
36) 1,2-Dichloropropane-d6	9.268	67	110199	24.008	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.040%
41) Toluene-d8	10.323	98	336787	23.177	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.720%
43) trans-1,3-Dichloroprop...	10.573	79	51733	25.732	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	102.920%
47) 2-Hexanone-d5	10.927	63	46301	54.613	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.220%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	118669	26.647	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.600%
66) 1,2-Dichlorobenzene-d4	13.853	152	138772	24.504	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.001	85	59487	25.298	ug/L	96
3) Chloromethane	2.209	50	108119	24.516	ug/L	99
5) Vinyl chloride	2.349	62	158719	25.854	ug/L	97
6) Bromomethane	2.763	94	97736	27.766	ug/L	92
8) Chloroethane	2.904	64	72880	27.102	ug/L	99
9) Trichlorofluoromethane	3.245	101	64911	22.305	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.044	101	107072	27.280	ug/L	97
12) 1,1-Dichloroethene	4.032	96	87053	27.092	ug/L	87
13) Acetone	4.129	43	38798	50.700	ug/L	63
14) Carbon disulfide	4.373	76	220186	21.414	ug/L	97
15) Methyl Acetate	4.666	43	44987	26.100	ug/L	95
16) Methylene chloride	4.909	84	106470	22.589	ug/L	98
17) trans-1,2-Dichloroethene	5.415	96	94193	25.384	ug/L	96
18) Methyl tert-butyl Ether	5.422	73	165779	31.330	ug/L	98
19) 1,1-Dichloroethane	6.208	63	178113	27.249	ug/L	96
20) cis-1,2-Dichloroethene	7.165	96	105854	25.975	ug/L #	99
22) 2-Butanone	7.171	43	63047	48.893	ug/L	98
23) Bromochloromethane	7.507	128	52696	25.965	ug/L	97
25) Chloroform	7.671	83	202852	28.163	ug/L	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082322\
 Data File : VW024299.D
 Acq On : 23 Aug 2022 12:13
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025544

Quant Time: Aug 24 01:02:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Aug 20 00:56:10 2022
 Response via : Initial Calibration

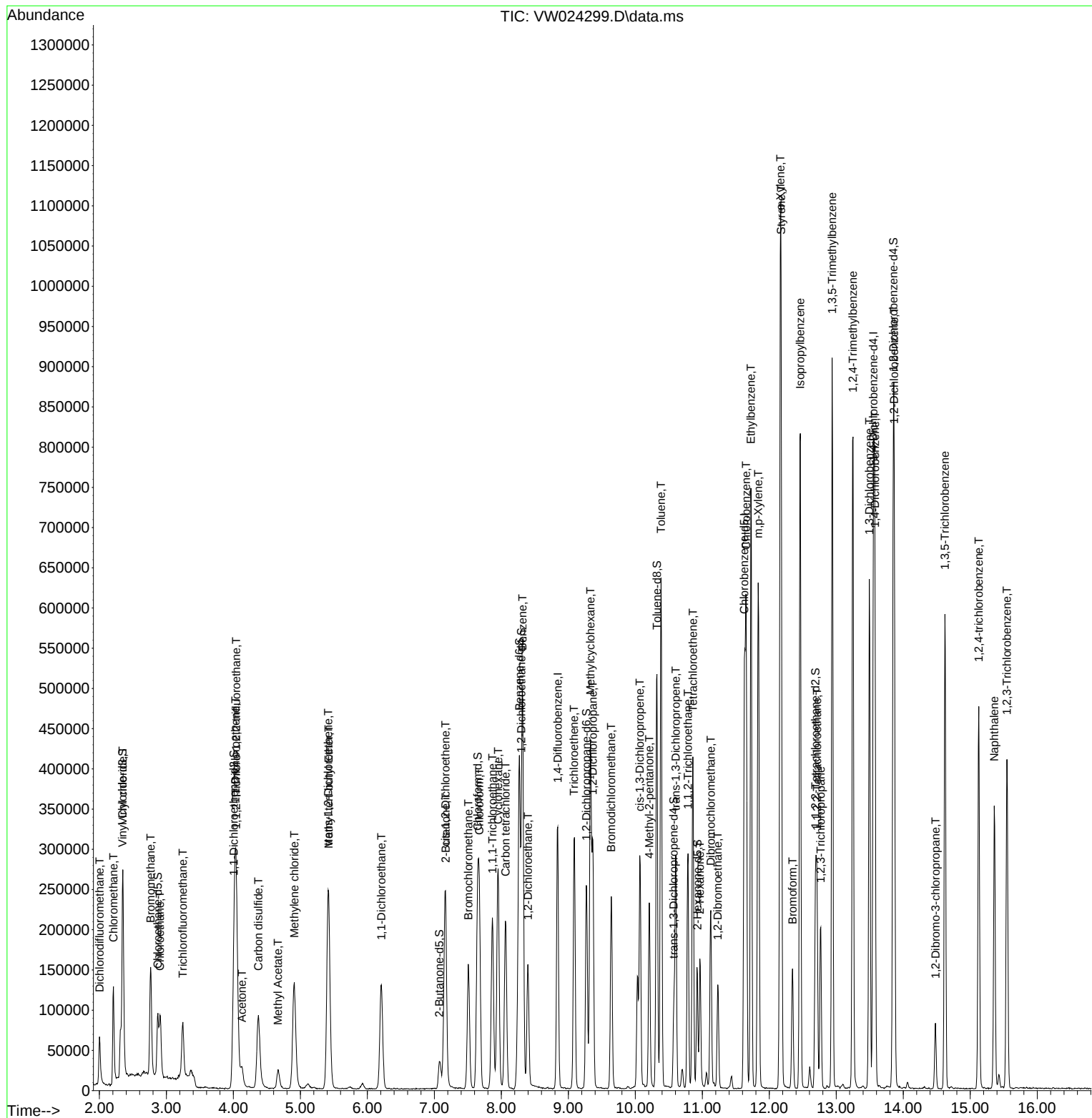
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	134745	27.801	ug/L	99
29) Cyclohexane	7.952	56	137993	25.534	ug/L	98
30) 1,1,1-Trichloroethane	7.866	97	164660	27.699	ug/L	100
31) Carbon tetrachloride	8.061	117	153444	27.361	ug/L	98
33) Benzene	8.317	78	402951	25.882	ug/L	100
34) Trichloroethene	9.086	95	105630	25.669	ug/L	95
35) Methylcyclohexane	9.329	83	162850	25.236	ug/L	99
37) 1,2-Dichloropropane	9.366	63	102583	26.655	ug/L	100
38) Bromodichloromethane	9.640	83	153182	28.379	ug/L	98
39) cis-1,3-Dichloropropene	10.067	75	155746	27.508	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	140544	55.025	ug/L	99
42) Toluene	10.384	91	448748	27.124	ug/L	100
44) trans-1,3-Dichloropropene	10.604	75	148413	28.687	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	85728	26.429	ug/L	99
46) Tetrachloroethene	10.860	164	85001	25.515	ug/L	92
48) 2-Hexanone	10.963	43	97181	56.064	ug/L	98
49) Dibromochloromethane	11.128	129	109783	28.113	ug/L	84
50) 1,2-Dibromoethane	11.231	107	83748	26.947	ug/L	98
51) Chlorobenzene	11.652	112	297917	26.356	ug/L	95
52) Ethylbenzene	11.725	91	498619	27.509	ug/L	100
53) m,p-Xylene	11.835	106	197702	28.020	ug/L	94
54) o-Xylene	12.164	106	184201	27.634	ug/L	96
55) Styrene	12.176	104	335789	28.965	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	108617	26.793	ug/L	97
59) Bromoform	12.347	173	63471	26.888	ug/L	99
60) Isopropylbenzene	12.463	105	512108	27.335	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	77440	25.144	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	446826	28.861	ug/L	97
63) 1,2,4-Trimethylbenzene	13.249	105	430751	28.251	ug/L	100
64) 1,3-Dichlorobenzene	13.493	146	244628	26.665	ug/L	93
65) 1,4-Dichlorobenzene	13.579	146	244391	25.157	ug/L	93
67) 1,2-Dichlorobenzene	13.865	146	227990	26.171	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.481	75	18943	26.325	ug/L	97
69) 1,3,5-Trichlorobenzene	14.621	180	167631	27.866	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	141310	29.332	ug/L	97
71) Naphthalene	15.359	128	285389	30.413	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	130249	29.696	ug/L	99

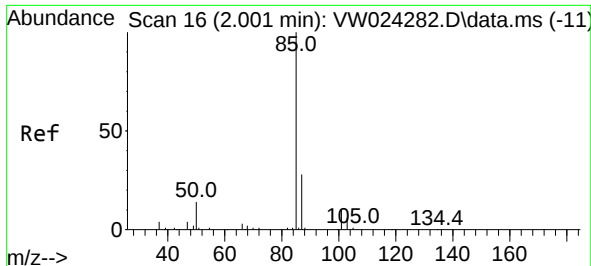
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082322\
Data File : VW024299.D
Acq On : 23 Aug 2022 12:13
Operator : SY/VA
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025544

Quant Time: Aug 24 01:02:49 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
Quant Title : SFAM01.0
QLast Update : Sat Aug 20 00:56:10 2022
Response via : Initial Calibration

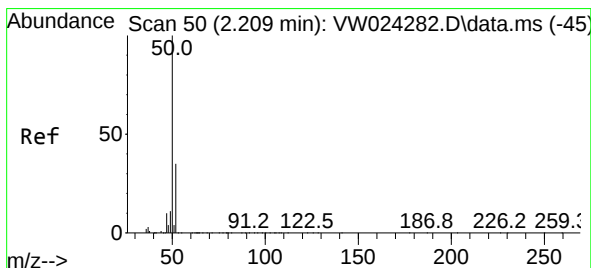
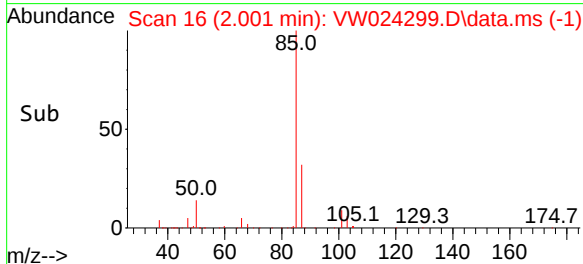
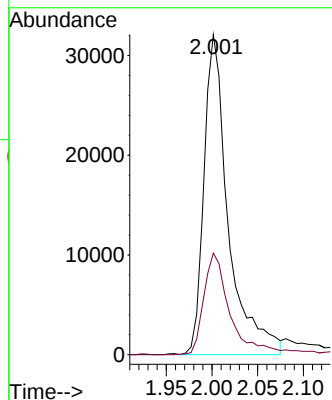
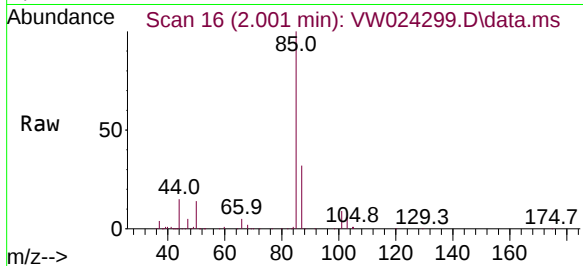




#2
 Dichlorodifluoromethane
 Concen: 25.298 ug/L
 RT: 2.001 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VW024299.D
 Acq: 23 Aug 2022 12:13

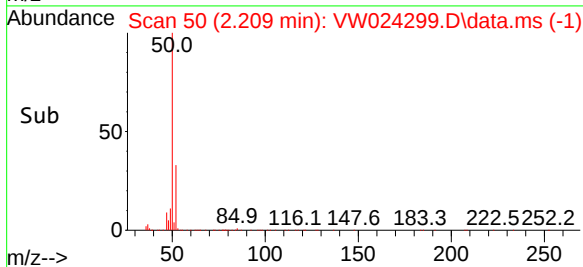
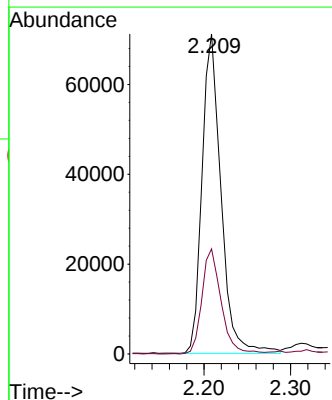
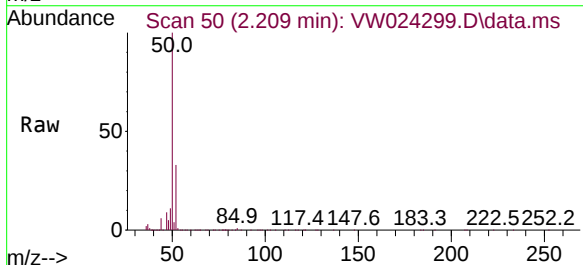
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025544

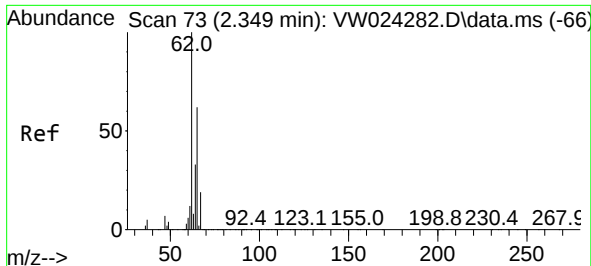
Tgt Ion: 85 Resp: 59487
 Ion Ratio Lower Upper
 85 100
 87 32.7 24.5 36.7



#3
 Chloromethane
 Concen: 24.516 ug/L
 RT: 2.209 min Scan# 50
 Delta R.T. 0.000 min
 Lab File: VW024299.D
 Acq: 23 Aug 2022 12:13

Tgt Ion: 50 Resp: 108119
 Ion Ratio Lower Upper
 50 100
 52 32.9 23.2 43.2

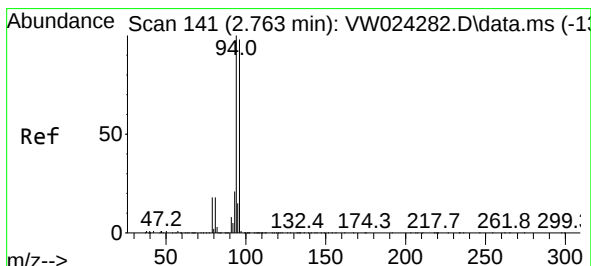
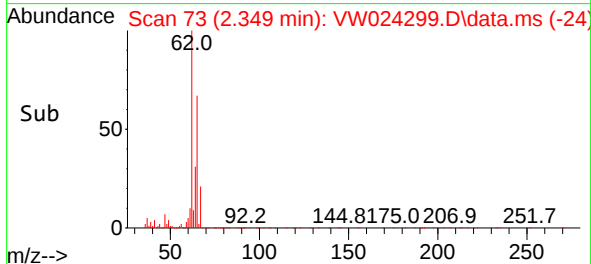
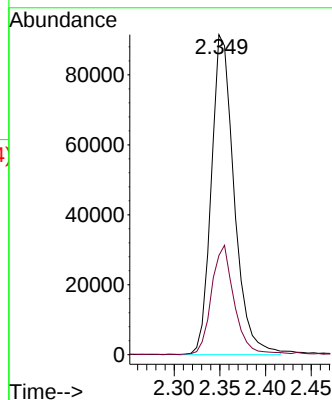
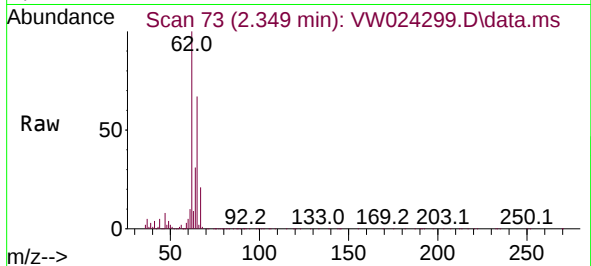




#5
 Vinyl chloride
 Concen: 25.854 ug/L
 RT: 2.349 min Scan# 73
 Delta R.T. 0.000 min
 Lab File: VW024299.D
 Acq: 23 Aug 2022 12:13

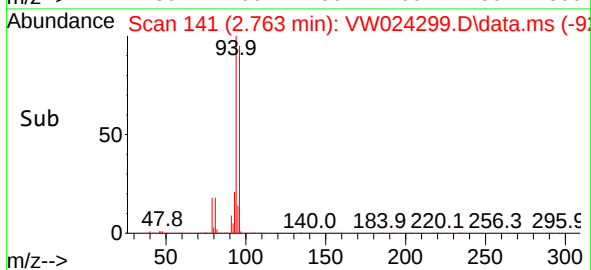
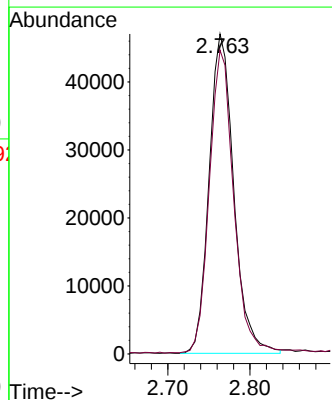
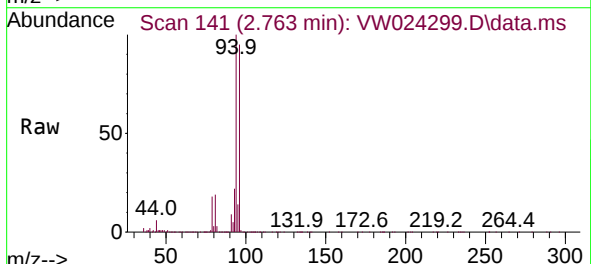
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025544

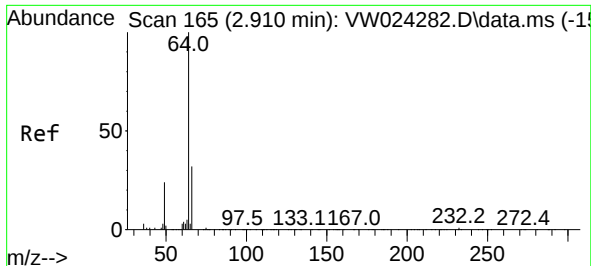
Tgt Ion: 62 Resp: 158719
 Ion Ratio Lower Upper
 62 100
 64 31.0 22.7 42.3



#6
 Bromomethane
 Concen: 27.766 ug/L
 RT: 2.763 min Scan# 141
 Delta R.T. 0.000 min
 Lab File: VW024299.D
 Acq: 23 Aug 2022 12:13

Tgt Ion: 94 Resp: 97736
 Ion Ratio Lower Upper
 94 100
 96 94.9 61.0 113.4

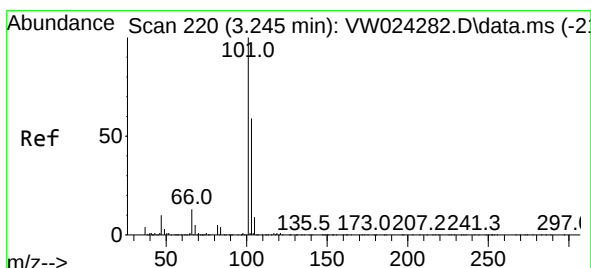
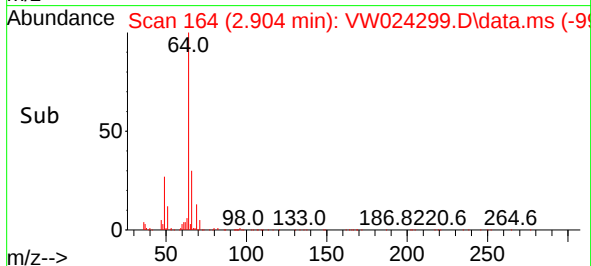
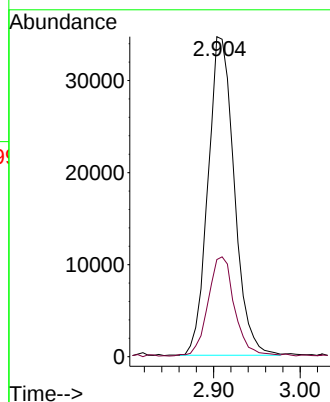
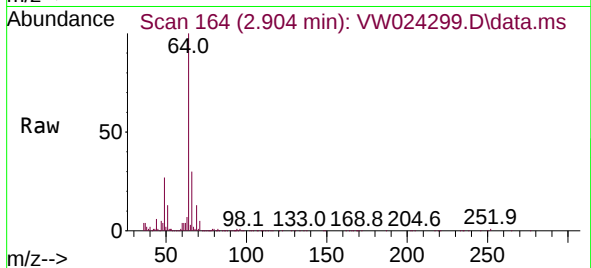




#8
Chloroethane
Concen: 27.102 ug/L
RT: 2.904 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW024299.D
Acq: 23 Aug 2022 12:13

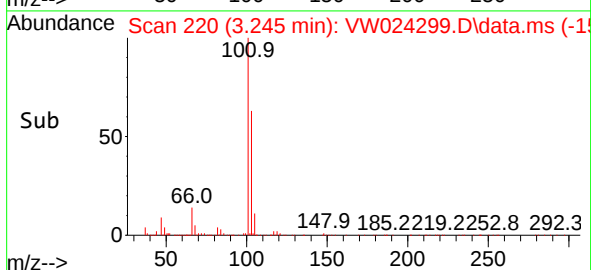
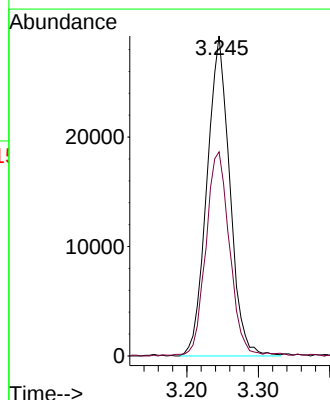
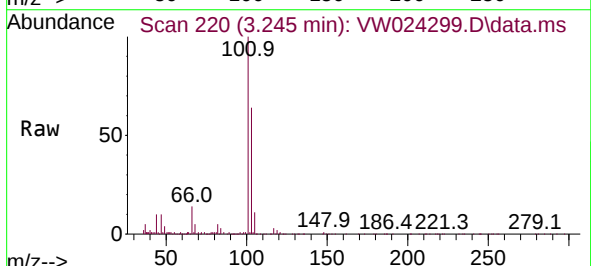
Instrument :
MSVOA_W
ClientSampleId :
VSTD025544

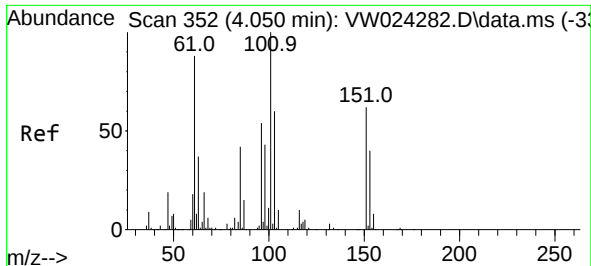
Tgt Ion: 64 Resp: 72880
Ion Ratio Lower Upper
64 100
66 30.3 21.6 40.0



#9
Trichlorofluoromethane
Concen: 22.305 ug/L
RT: 3.245 min Scan# 220
Delta R.T. 0.000 min
Lab File: VW024299.D
Acq: 23 Aug 2022 12:13

Tgt Ion: 101 Resp: 64911
Ion Ratio Lower Upper
101 100
103 65.7 50.5 75.7

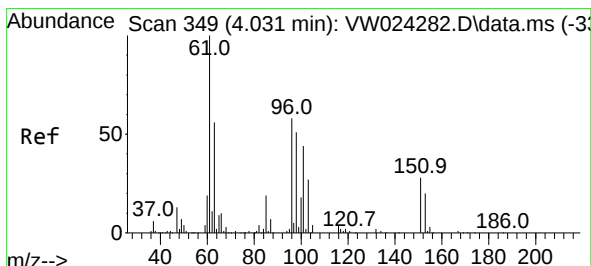
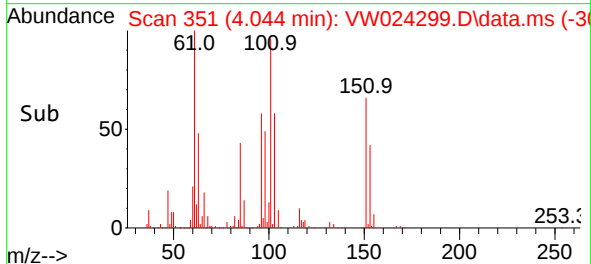
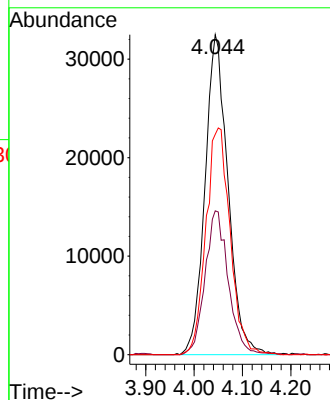
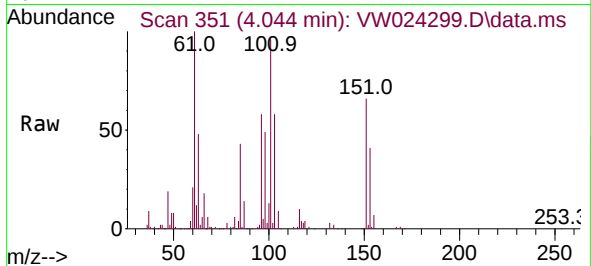




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 27.280 ug/L
RT: 4.044 min Scan# 352
Delta R.T. -0.006 min
Lab File: VW024299.D
Acq: 23 Aug 2022 12:13

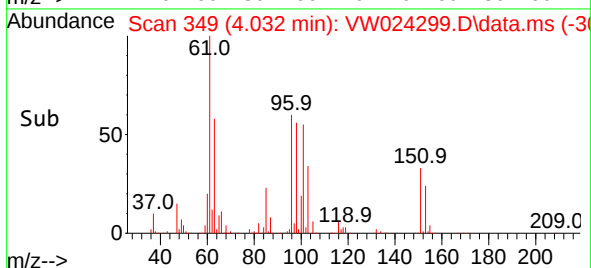
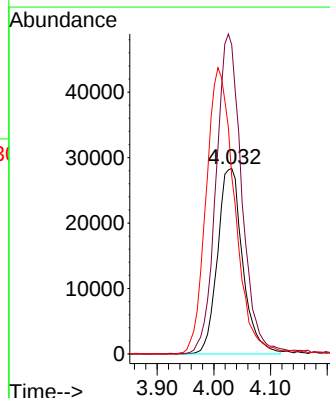
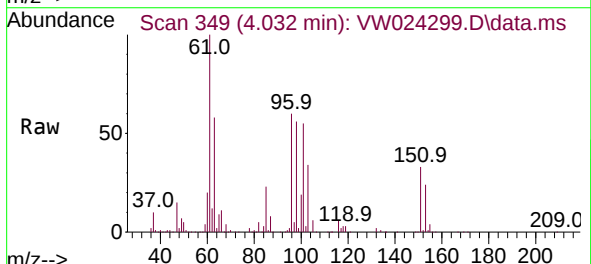
Instrument :
MSVOA_W
ClientSampleId :
VSTD025544

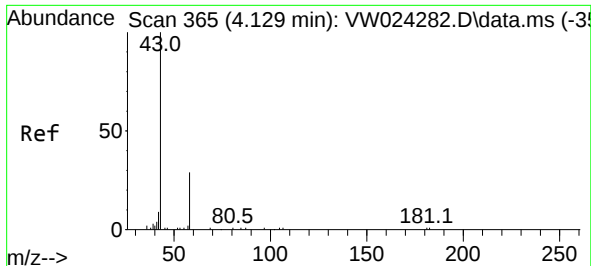
Tgt Ion:101 Resp: 107072
Ion Ratio Lower Upper
101 100
85 45.4 34.9 52.3
151 73.9 57.0 85.6



#12
1,1-Dichloroethene
Concen: 27.092 ug/L
RT: 4.032 min Scan# 349
Delta R.T. 0.000 min
Lab File: VW024299.D
Acq: 23 Aug 2022 12:13

Tgt Ion: 96 Resp: 87053
Ion Ratio Lower Upper
96 100
61 166.6 123.1 228.5
63 95.9 84.9 157.7

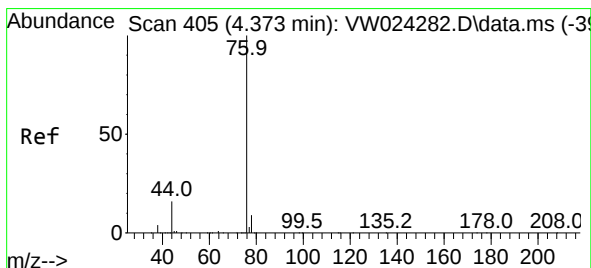
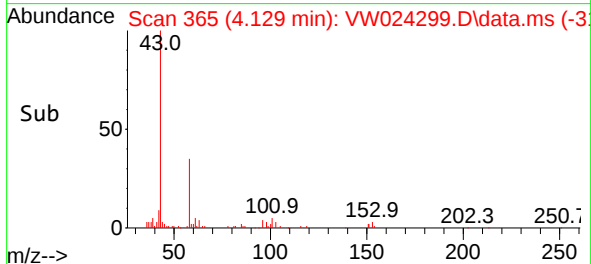
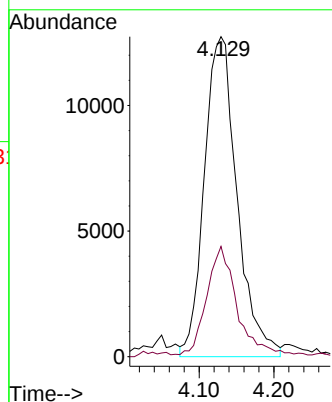
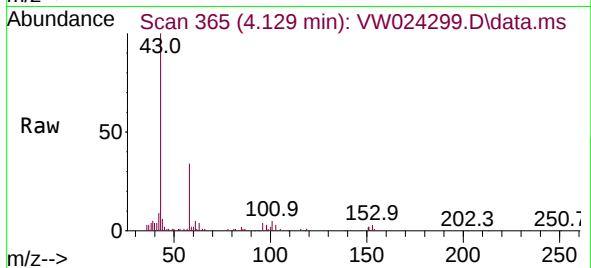




#13
Acetone
Concen: 50.700 ug/L
RT: 4.129 min Scan# 365
Delta R.T. 0.000 min
Lab File: VW024299.D
Acq: 23 Aug 2022 12:13

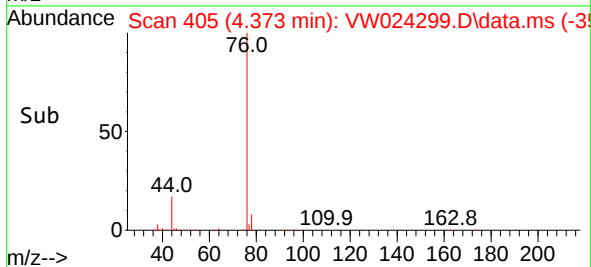
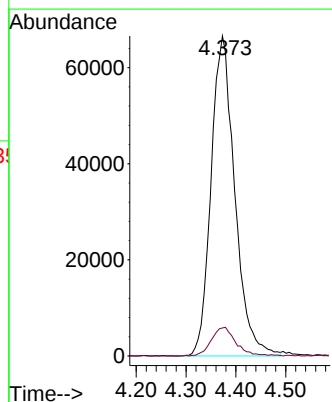
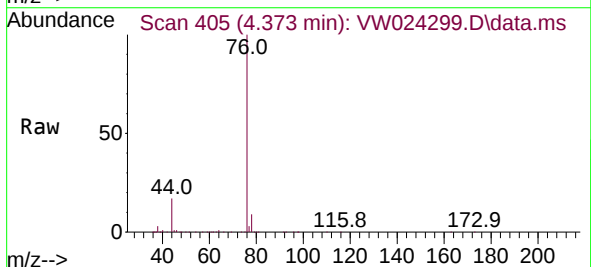
Instrument :
MSVOA_W
ClientSampleId :
VSTD025544

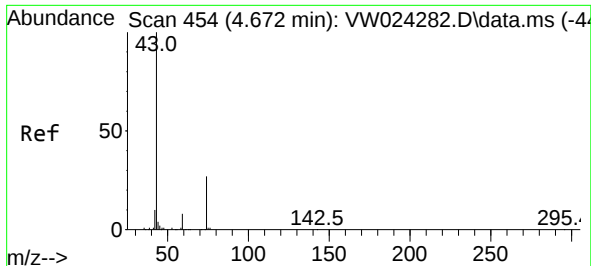
Tgt Ion: 43 Resp: 38798
Ion Ratio Lower Upper
43 100
58 31.6 0.0 31.8



#14
Carbon disulfide
Concen: 21.414 ug/L
RT: 4.373 min Scan# 405
Delta R.T. 0.000 min
Lab File: VW024299.D
Acq: 23 Aug 2022 12:13

Tgt Ion: 76 Resp: 220186
Ion Ratio Lower Upper
76 100
78 8.8 7.9 11.9

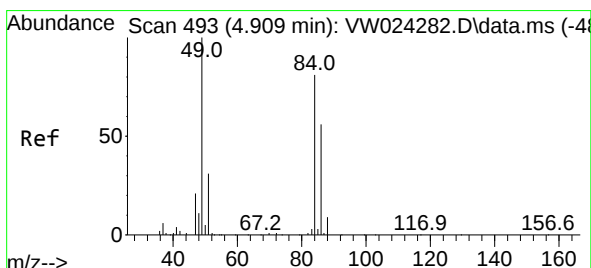
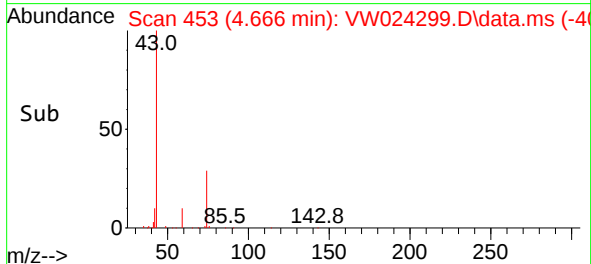
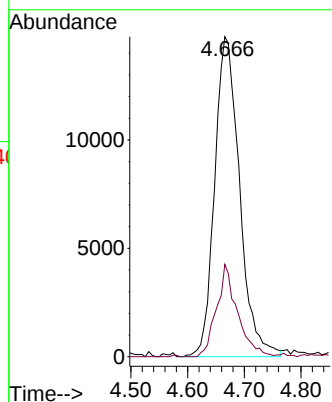
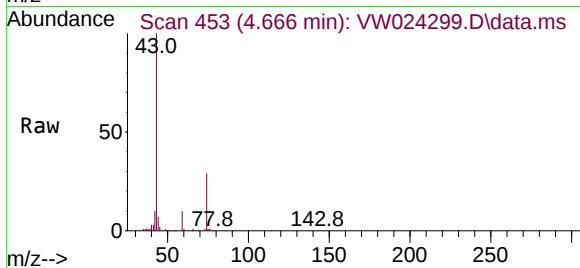




#15
Methyl Acetate
Concen: 26.100 ug/L
RT: 4.666 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW024299.D
Acq: 23 Aug 2022 12:13

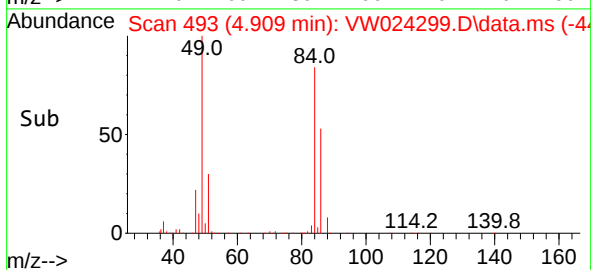
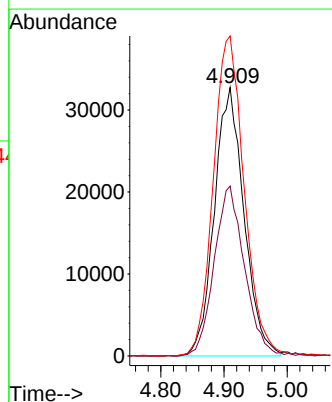
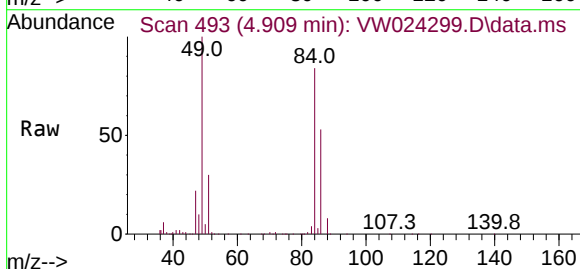
Instrument :
MSVOA_W
ClientSampleId :
VSTD025544

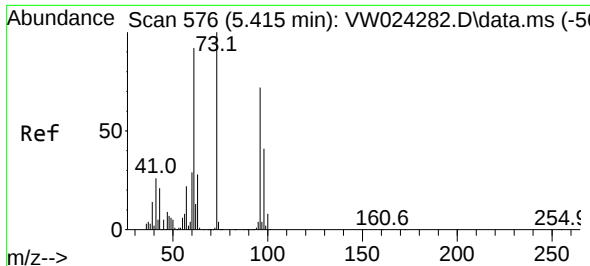
Tgt Ion: 43 Resp: 44987
Ion Ratio Lower Upper
43 100
74 24.2 21.5 32.3



#16
Methylene chloride
Concen: 22.589 ug/L
RT: 4.909 min Scan# 493
Delta R.T. 0.000 min
Lab File: VW024299.D
Acq: 23 Aug 2022 12:13

Tgt Ion: 84 Resp: 106470
Ion Ratio Lower Upper
84 100
86 63.3 42.8 79.6
49 119.2 85.3 158.3

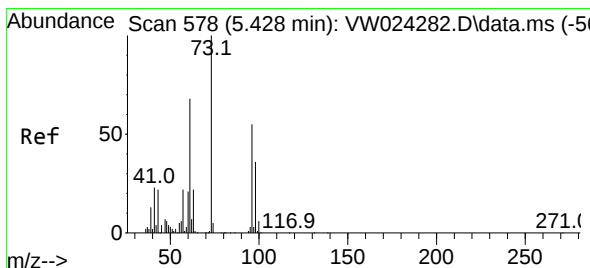
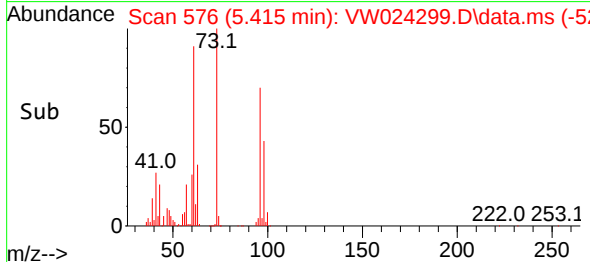
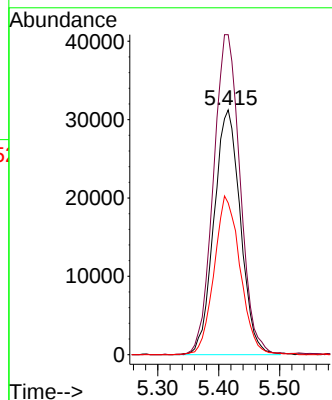
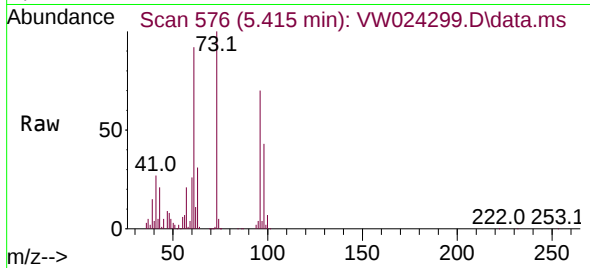




#17
trans-1,2-Dichloroethene
Concen: 25.384 ug/L
RT: 5.415 min Scan# 576
Delta R.T. 0.000 min
Lab File: VW024299.D
Acq: 23 Aug 2022 12:13

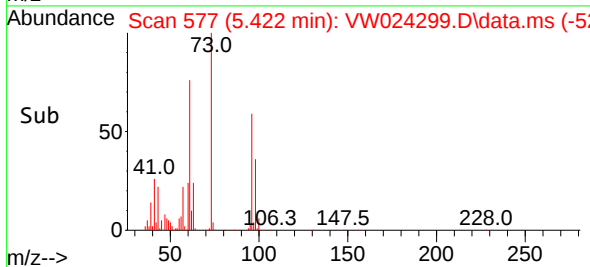
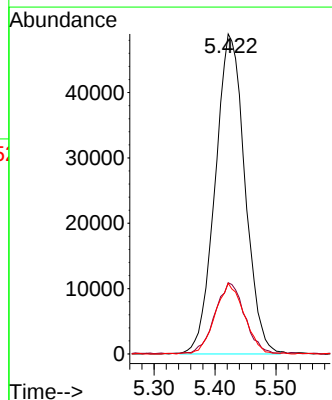
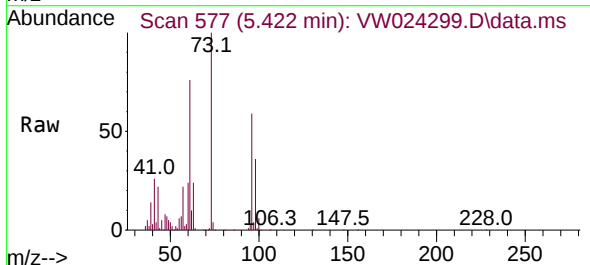
Instrument :
MSVOA_W
ClientSampleId :
VSTD025544

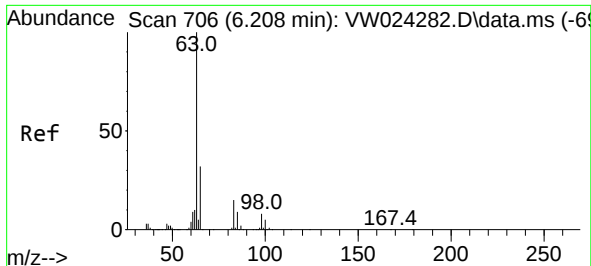
Tgt Ion: 96 Resp: 94193
Ion Ratio Lower Upper
96 100
61 130.7 93.0 172.8
98 61.9 48.5 90.1



#18
Methyl tert-butyl Ether
Concen: 31.330 ug/L
RT: 5.422 min Scan# 577
Delta R.T. -0.006 min
Lab File: VW024299.D
Acq: 23 Aug 2022 12:13

Tgt Ion: 73 Resp: 165779
Ion Ratio Lower Upper
73 100
43 22.1 16.6 24.8
57 21.6 17.6 26.4





#19

1,1-Dichloroethane

Concen: 27.249 ug/L

RT: 6.208 min Scan# 706

Delta R.T. 0.000 min

Lab File: VW024299.D

Acq: 23 Aug 2022 12:13

Instrument :

MSVOA_W

ClientSampleId :

VSTD025544

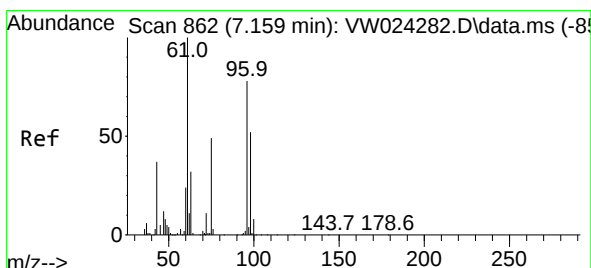
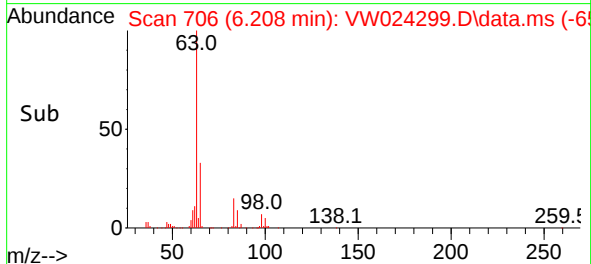
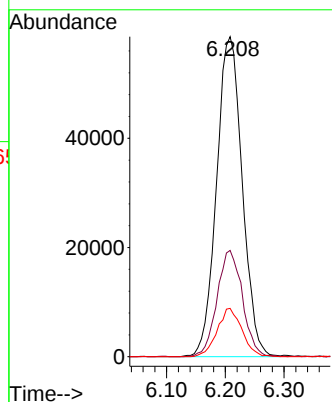
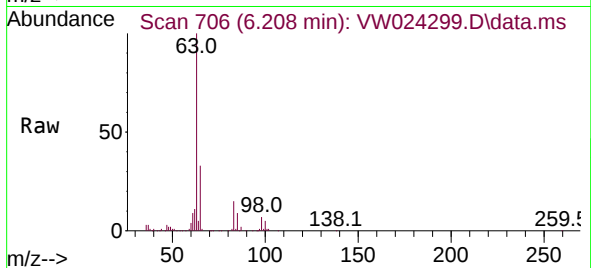
Tgt Ion: 63 Resp: 178113

Ion Ratio Lower Upper

63 100

65 33.2 22.0 41.0

83 15.1 9.2 17.0



#20

cis-1,2-Dichloroethene

Concen: 25.975 ug/L

RT: 7.165 min Scan# 863

Delta R.T. 0.006 min

Lab File: VW024299.D

Acq: 23 Aug 2022 12:13

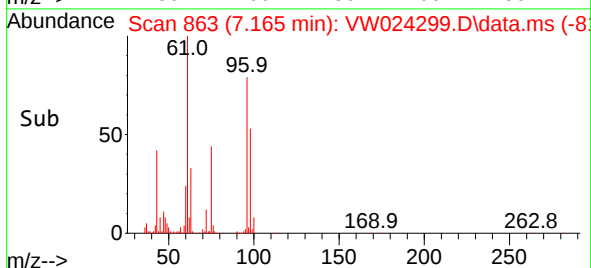
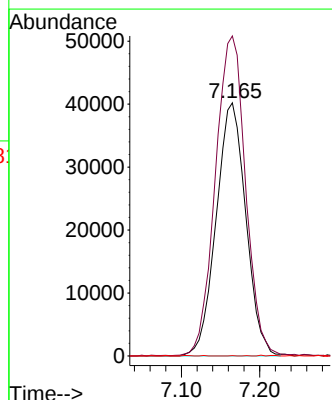
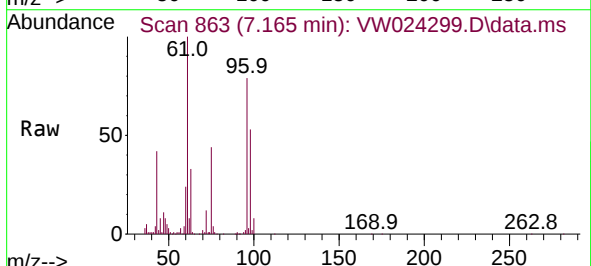
Tgt Ion: 96 Resp: 105854

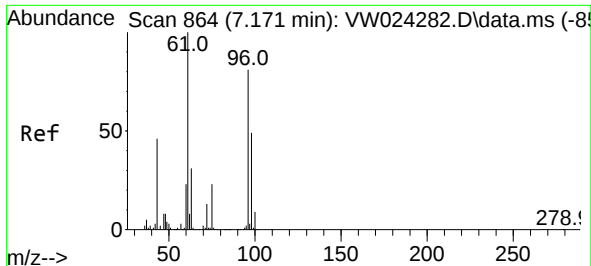
Ion Ratio Lower Upper

96 100

61 126.4 89.5 166.3

68 0.1 0.1 0.1#

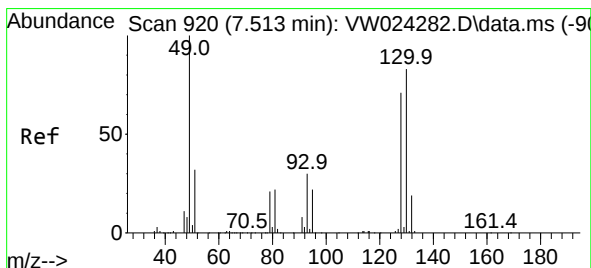
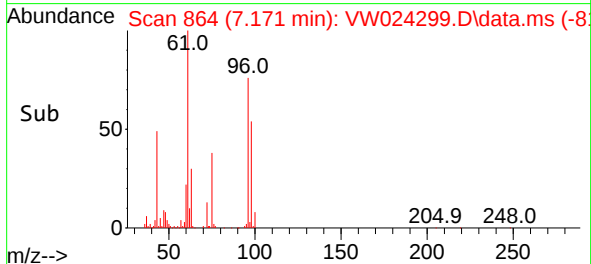
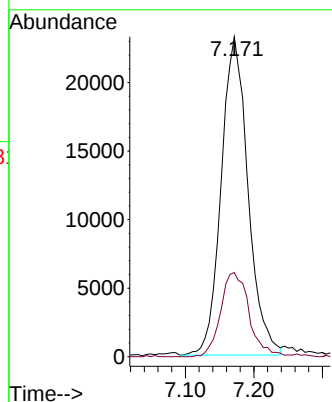
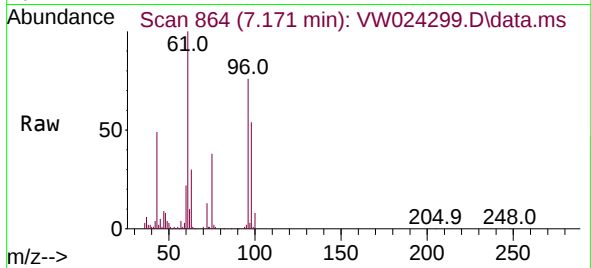




#22
2-Butanone
Concen: 48.893 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW024299.D
Acq: 23 Aug 2022 12:13

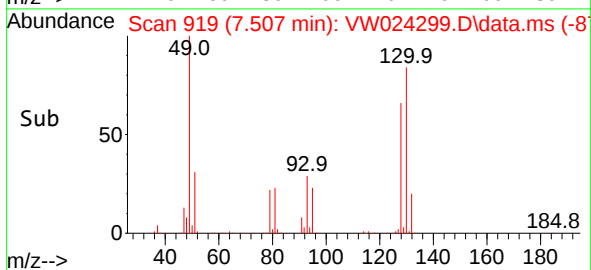
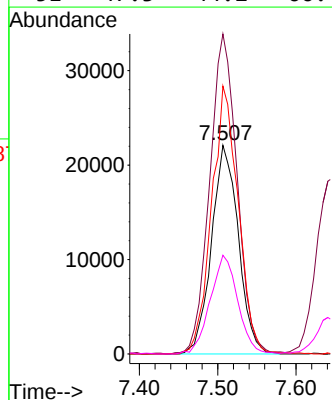
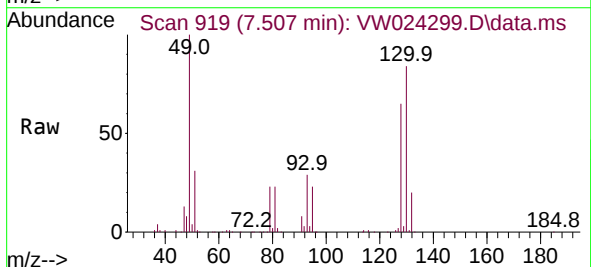
Instrument :
MSVOA_W
ClientSampleId :
VSTD025544

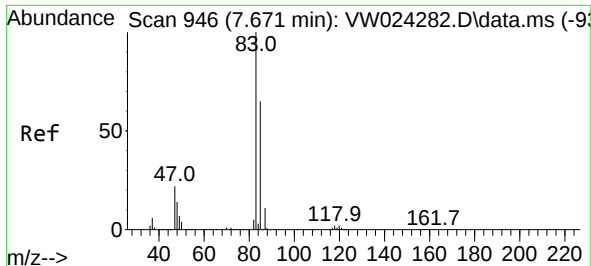
Tgt Ion: 43 Resp: 63047
Ion Ratio Lower Upper
43 100
72 27.6 14.3 42.9



#23
Bromochloromethane
Concen: 25.965 ug/L
RT: 7.507 min Scan# 919
Delta R.T. -0.006 min
Lab File: VW024299.D
Acq: 23 Aug 2022 12:13

Tgt Ion: 128 Resp: 52696
Ion Ratio Lower Upper
128 100
49 153.3 106.6 198.0
130 128.3 88.1 163.5
51 47.3 44.2 66.4

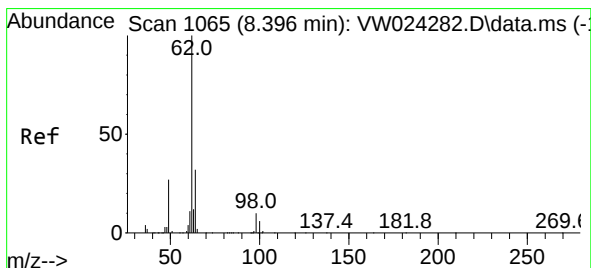
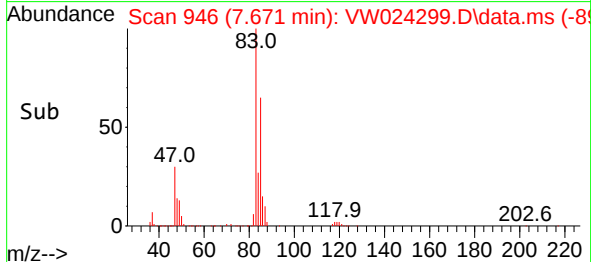
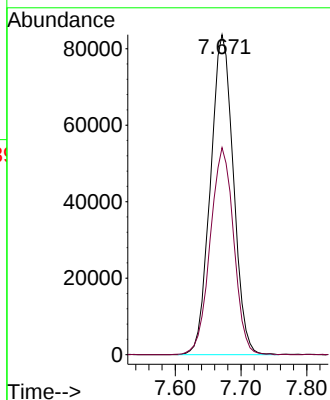
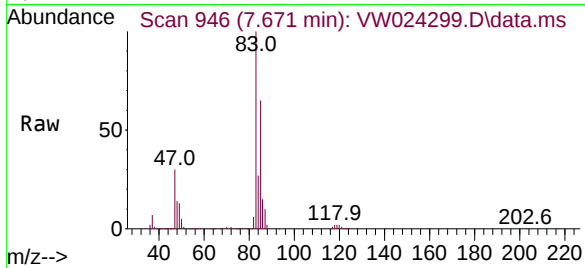




#25
Chloroform
Concen: 28.163 ug/L
RT: 7.671 min Scan# 946
Delta R.T. 0.000 min
Lab File: VW024299.D
Acq: 23 Aug 2022 12:13

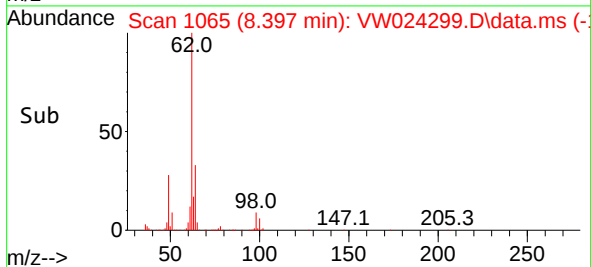
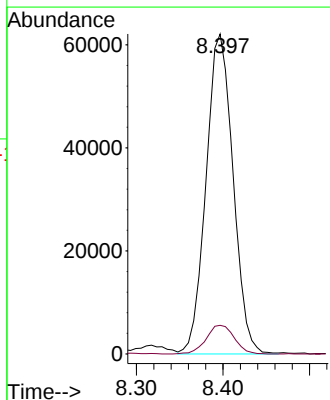
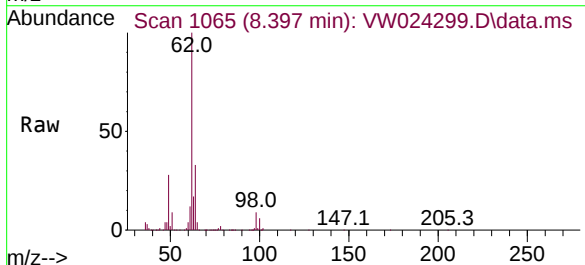
Instrument :
MSVOA_W
ClientSampleId :
VSTD025544

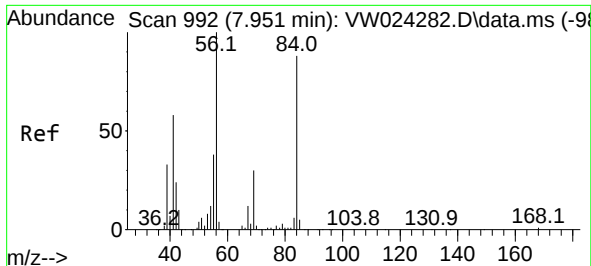
Tgt Ion: 83 Resp: 202852
Ion Ratio Lower Upper
83 100
85 64.7 42.9 79.7



#27
1,2-Dichloroethane
Concen: 27.801 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VW024299.D
Acq: 23 Aug 2022 12:13

Tgt Ion: 62 Resp: 134745
Ion Ratio Lower Upper
62 100
98 9.0 7.4 11.0





#29

Cyclohexane

Concen: 25.534 ug/L

RT: 7.952 min Scan# 992

Delta R.T. 0.000 min

Lab File: VW024299.D

Acq: 23 Aug 2022 12:13

Instrument :

MSVOA_W

ClientSampleId :

VSTD025544

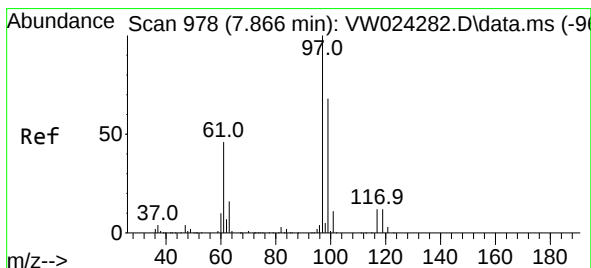
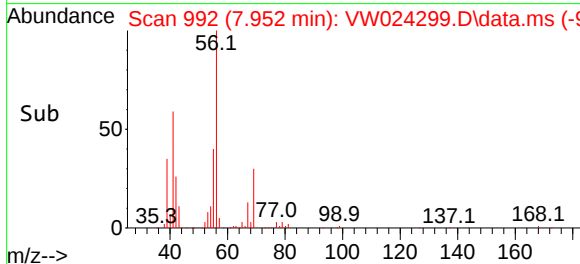
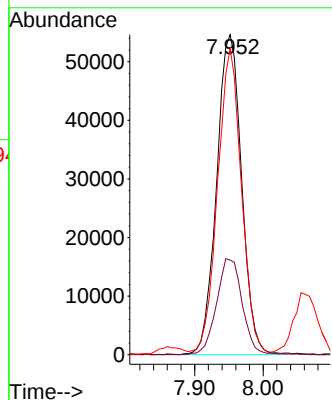
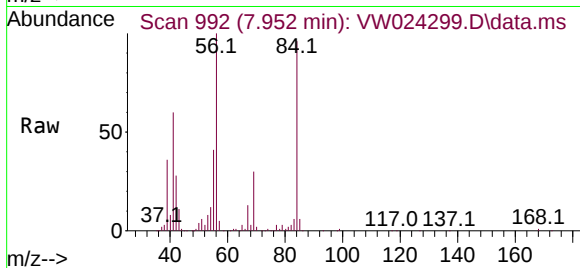
Tgt Ion: 56 Resp: 137993

Ion Ratio Lower Upper

56 100

69 30.8 24.5 36.7

84 91.9 75.5 113.3



#30

1,1,1-Trichloroethane

Concen: 27.699 ug/L

RT: 7.866 min Scan# 978

Delta R.T. 0.000 min

Lab File: VW024299.D

Acq: 23 Aug 2022 12:13

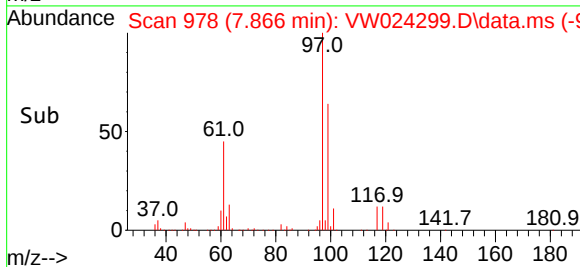
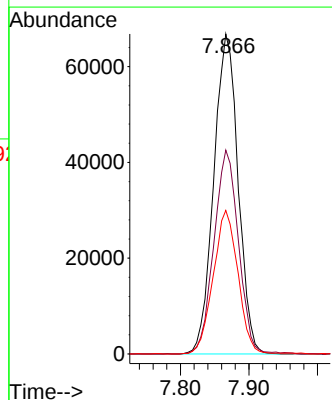
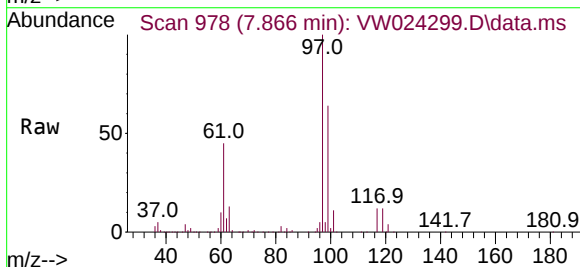
Tgt Ion: 97 Resp: 164660

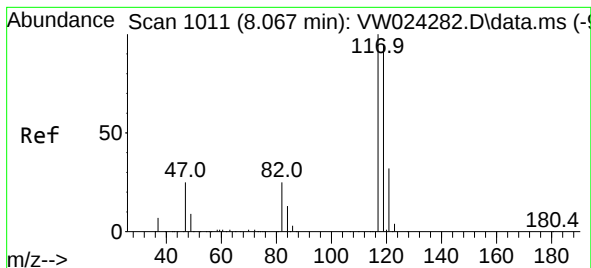
Ion Ratio Lower Upper

97 100

99 64.0 51.0 76.6

61 45.5 36.2 54.2

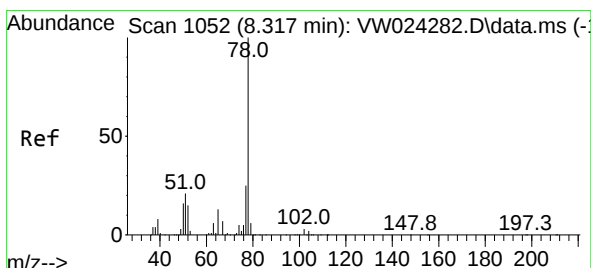
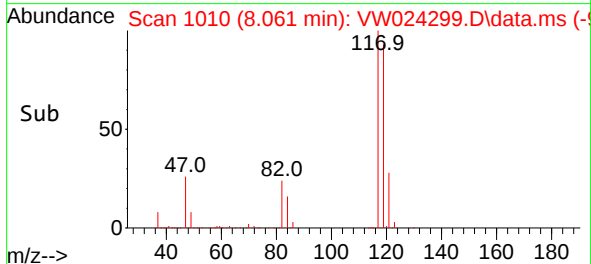
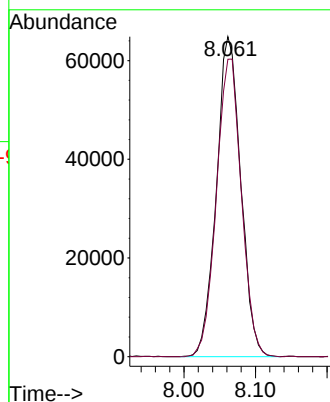
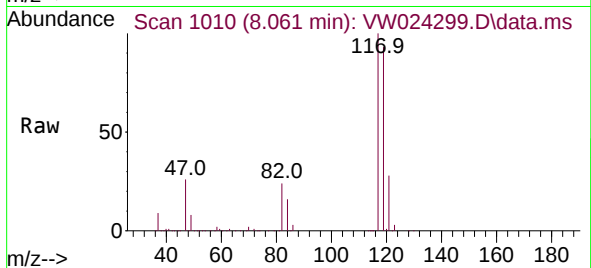




#31
Carbon tetrachloride
Concen: 27.361 ug/L
RT: 8.061 min Scan# 1011
Delta R.T. -0.006 min
Lab File: VW024299.D
Acq: 23 Aug 2022 12:13

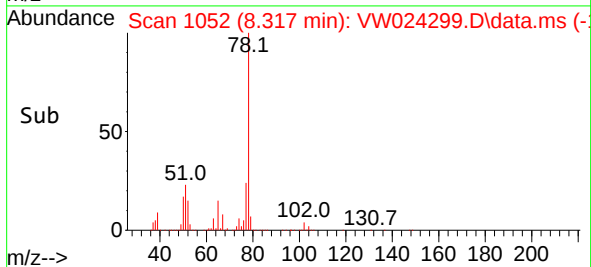
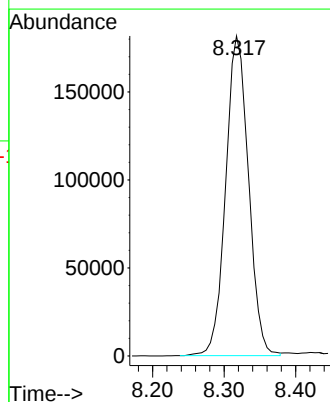
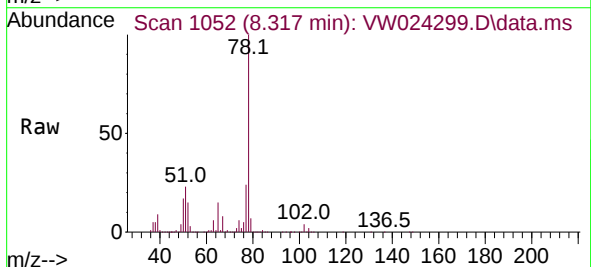
Instrument :
MSVOA_W
ClientSampleId :
VSTD025544

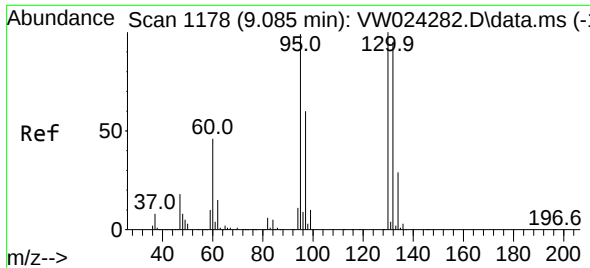
Tgt Ion:117 Resp: 153444
Ion Ratio Lower Upper
117 100
119 95.5 77.8 116.8



#33
Benzene
Concen: 25.882 ug/L
RT: 8.317 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VW024299.D
Acq: 23 Aug 2022 12:13

Tgt Ion: 78 Resp: 402951





#34

Trichloroethene

Concen: 25.669 ug/L

RT: 9.086 min Scan# 1178

Delta R.T. 0.000 min

Lab File: VW024299.D

Acq: 23 Aug 2022 12:13

Instrument :

MSVOA_W

ClientSampleId :

VSTD025544

Tgt Ion: 95 Resp: 105630

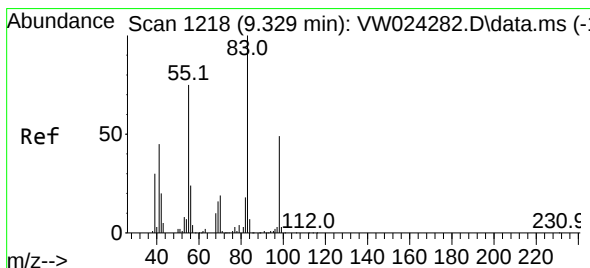
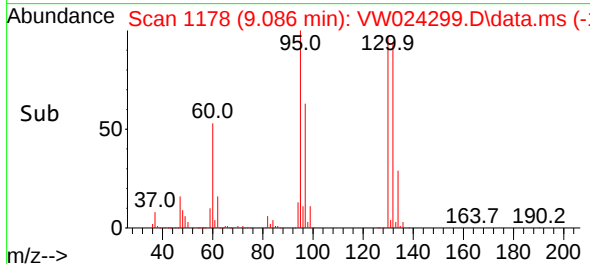
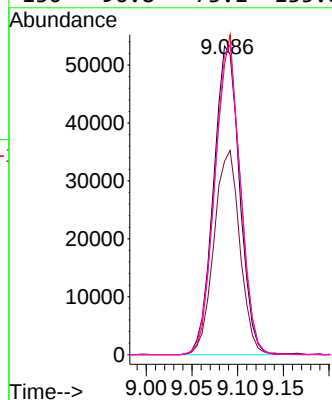
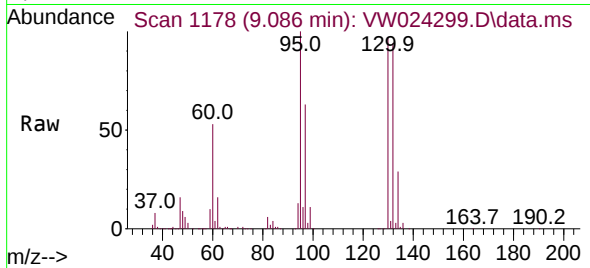
Ion Ratio Lower Upper

95 100

97 62.6 41.6 77.2

132 93.9 67.0 124.4

130 96.8 73.1 135.8



#35

Methylcyclohexane

Concen: 25.236 ug/L

RT: 9.329 min Scan# 1218

Delta R.T. 0.000 min

Lab File: VW024299.D

Acq: 23 Aug 2022 12:13

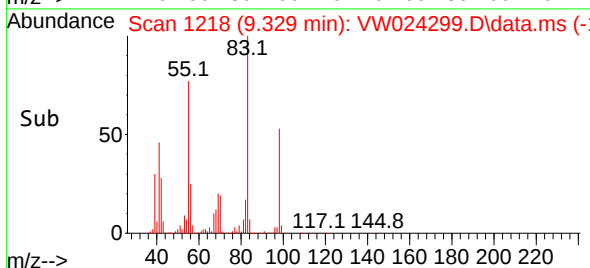
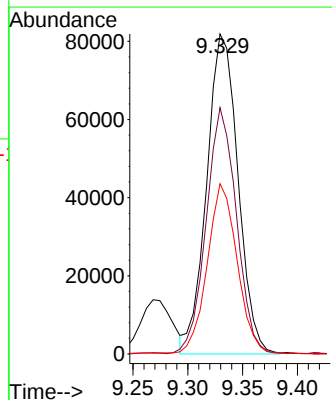
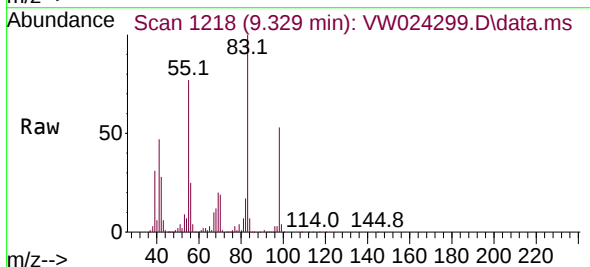
Tgt Ion: 83 Resp: 162850

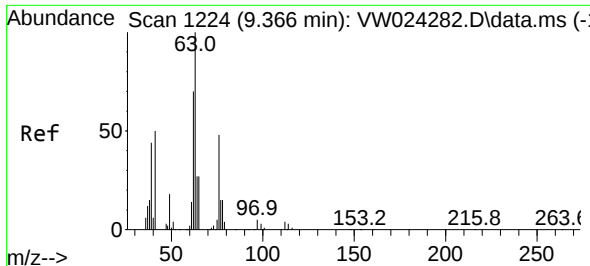
Ion Ratio Lower Upper

83 100

55 74.6 59.1 88.7

98 50.6 40.8 61.2





#37

1,2-Dichloropropane

Concen: 26.655 ug/L

RT: 9.366 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW024299.D

Acq: 23 Aug 2022 12:13

Instrument :

MSVOA_W

ClientSampleId :

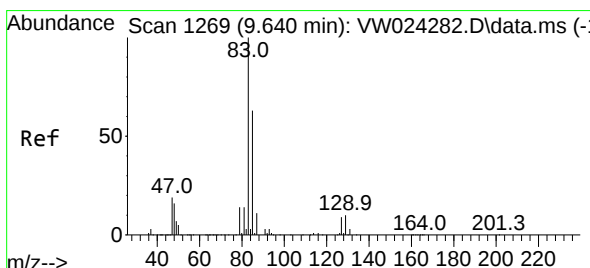
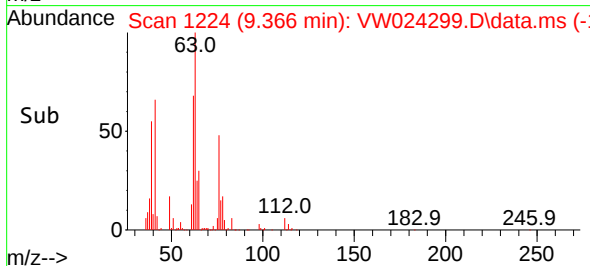
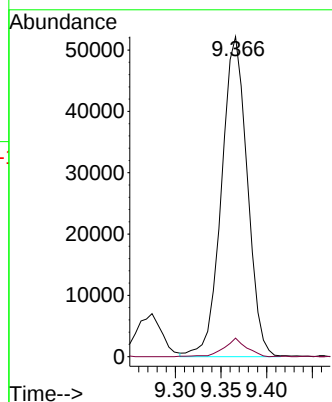
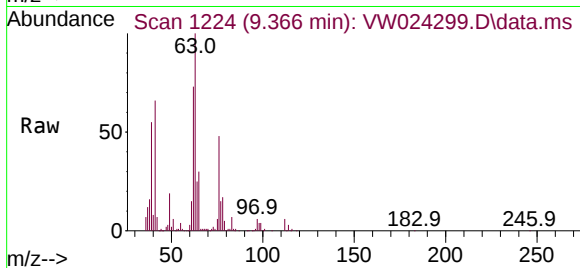
VSTD025544

Tgt Ion: 63 Resp: 102583

Ion Ratio Lower Upper

63 100

112 4.8 3.8 5.6



#38

Bromodichloromethane

Concen: 28.379 ug/L

RT: 9.640 min Scan# 1269

Delta R.T. 0.000 min

Lab File: VW024299.D

Acq: 23 Aug 2022 12:13

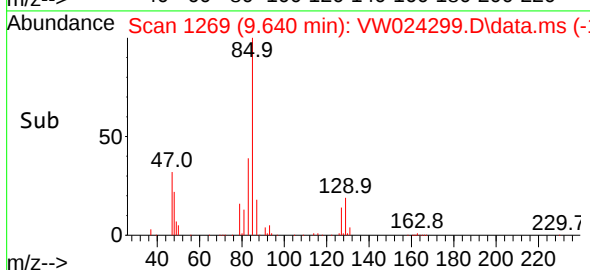
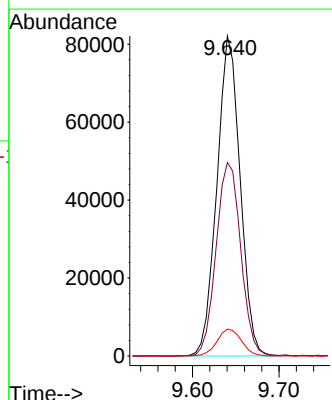
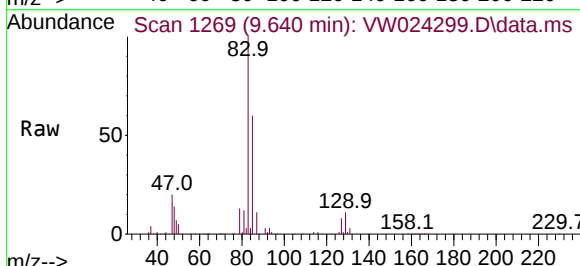
Tgt Ion: 83 Resp: 153182

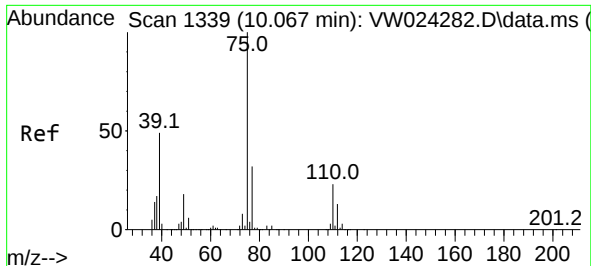
Ion Ratio Lower Upper

83 100

85 60.4 43.7 81.1

127 8.4 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 27.508 ug/L

RT: 10.067 min Scan# 1339

Delta R.T. 0.000 min

Lab File: VW024299.D

Acq: 23 Aug 2022 12:13

Instrument :

MSVOA_W

ClientSampleId :

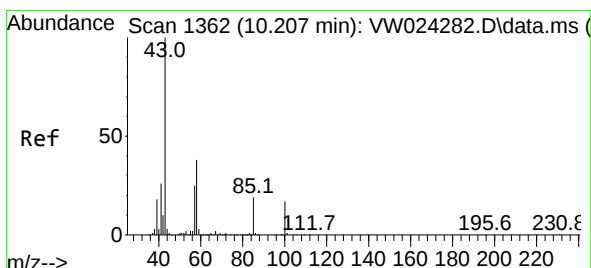
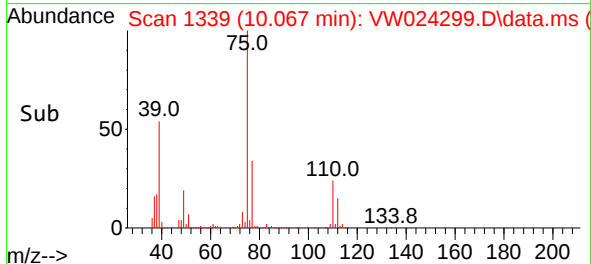
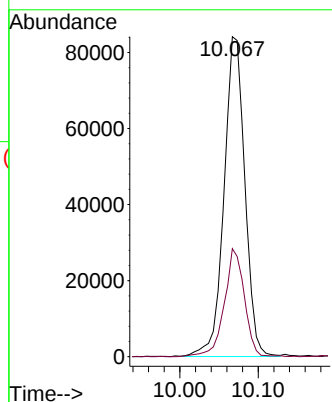
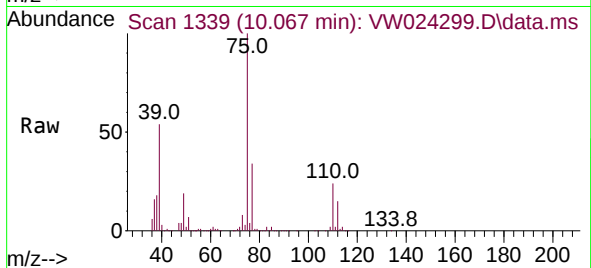
VSTD025544

Tgt Ion: 75 Resp: 155746

Ion Ratio Lower Upper

75 100

77 33.7 23.4 43.6



#40

4-Methyl-2-pentanone

Concen: 55.025 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW024299.D

Acq: 23 Aug 2022 12:13

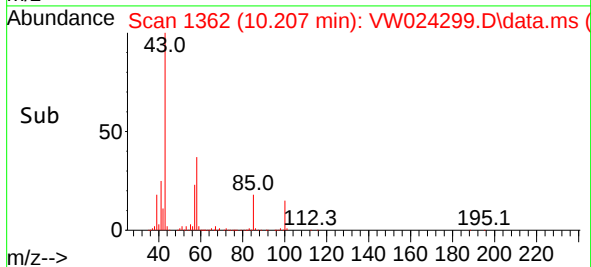
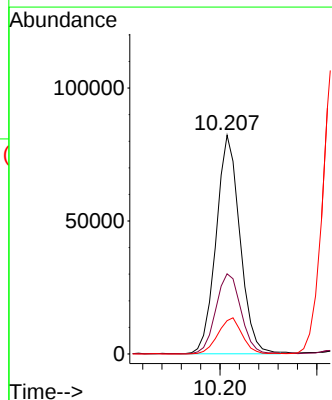
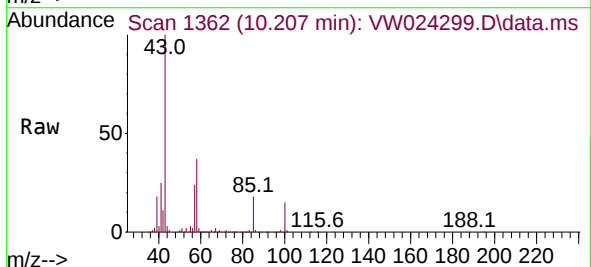
Tgt Ion: 43 Resp: 140544

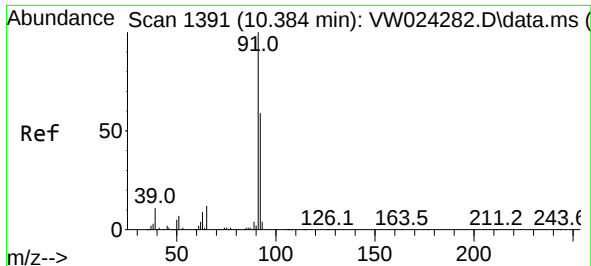
Ion Ratio Lower Upper

43 100

58 38.9 30.5 45.7

100 16.7 13.8 20.6

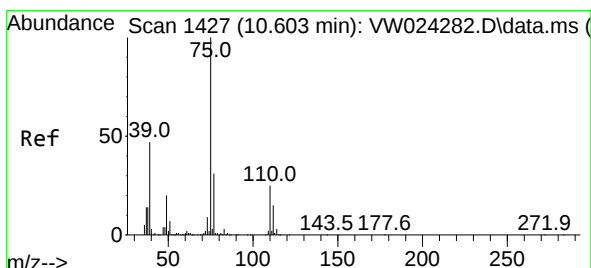
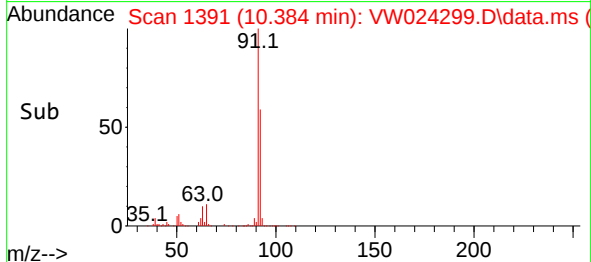
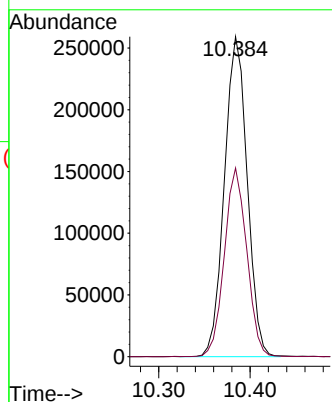
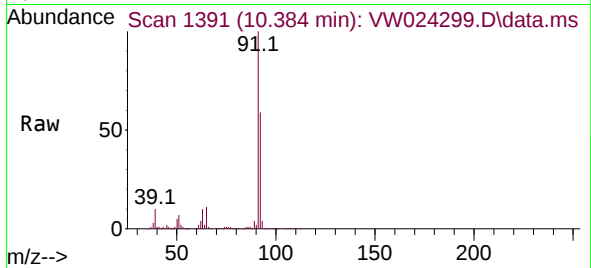




#42
Toluene
Concen: 27.124 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VW024299.D
Acq: 23 Aug 2022 12:13

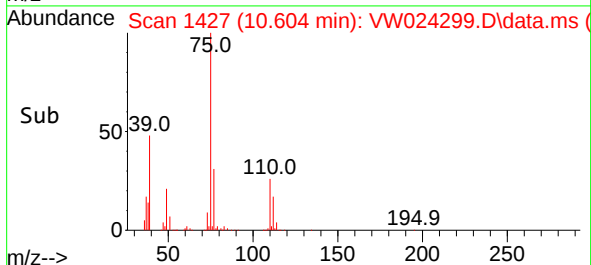
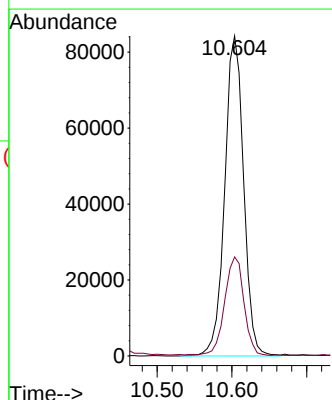
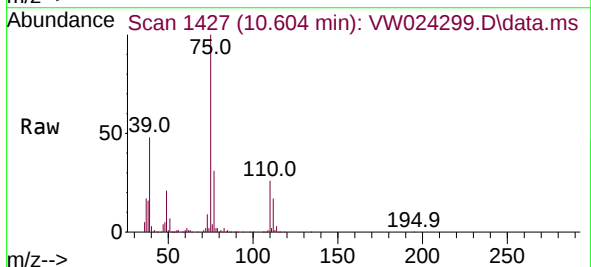
Instrument :
MSVOA_W
ClientSampleId :
VSTD025544

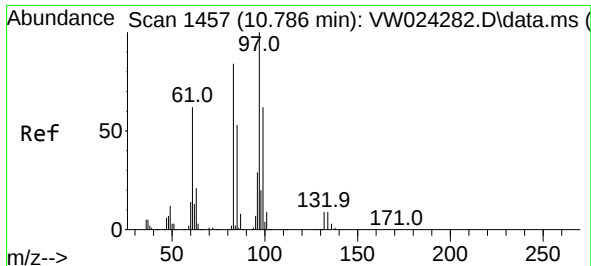
Tgt Ion: 91 Resp: 448748
Ion Ratio Lower Upper
91 100
92 58.9 41.4 77.0



#44
trans-1,3-Dichloropropene
Concen: 28.687 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW024299.D
Acq: 23 Aug 2022 12:13

Tgt Ion: 75 Resp: 148413
Ion Ratio Lower Upper
75 100
77 30.9 22.4 41.6

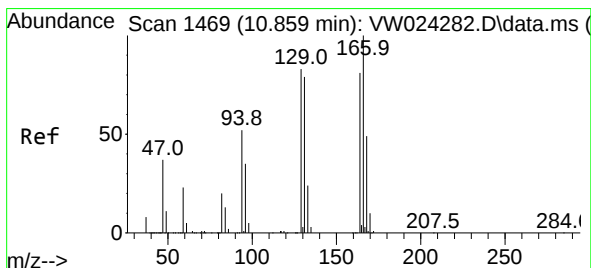
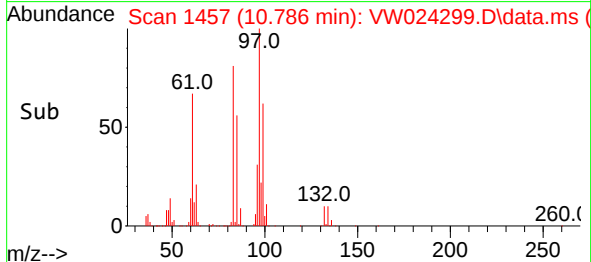
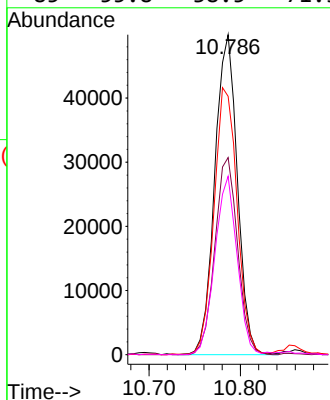
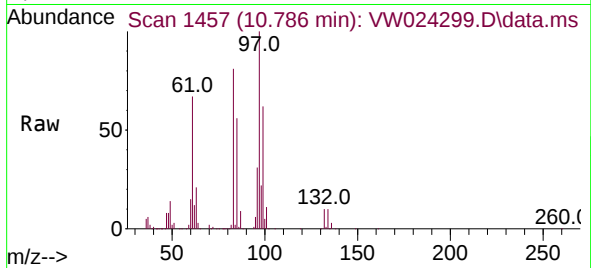




#45
1,1,2-Trichloroethane
Concen: 26.429 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW024299.D
Acq: 23 Aug 2022 12:13

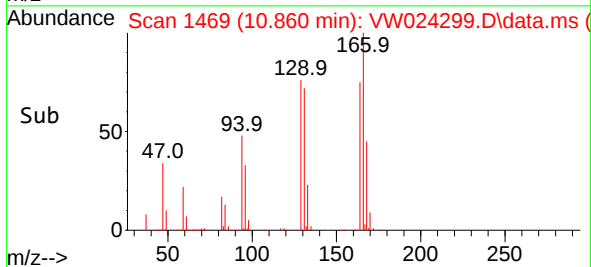
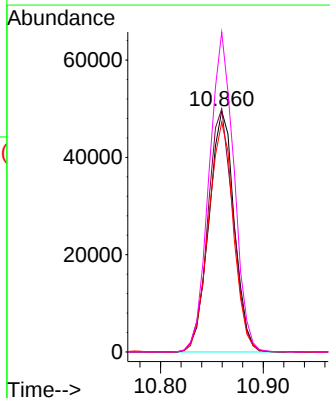
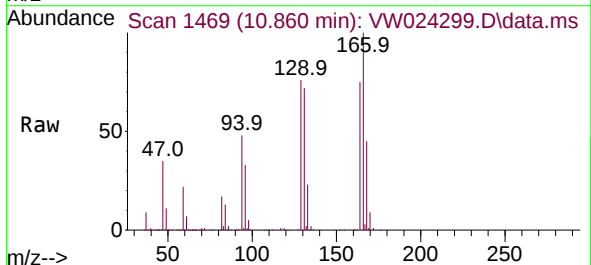
Instrument :
MSVOA_W
ClientSampleId :
VSTD025544

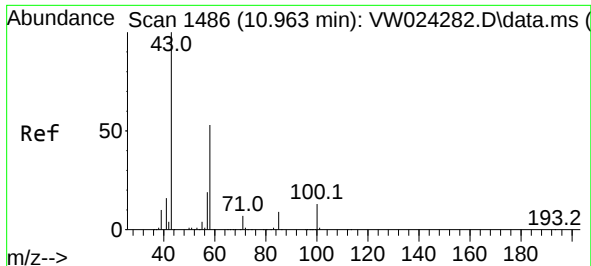
Tgt Ion:	97	Resp:	85728
Ion	Ratio	Lower	Upper
97	100		
99	61.6	43.8	81.3
83	80.8	56.4	104.7
85	55.8	38.5	71.5



#46
Tetrachloroethene
Concen: 25.515 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW024299.D
Acq: 23 Aug 2022 12:13

Tgt Ion:	164	Resp:	85001
Ion	Ratio	Lower	Upper
164	100		
129	100.8	63.1	117.3
131	95.2	63.9	118.7
166	132.7	86.8	161.2

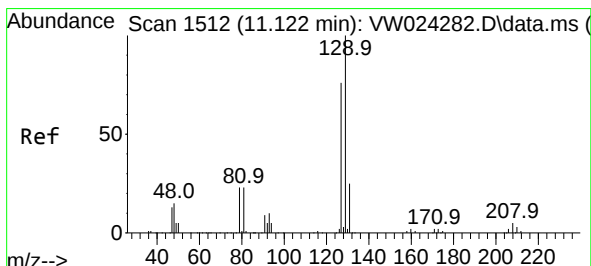
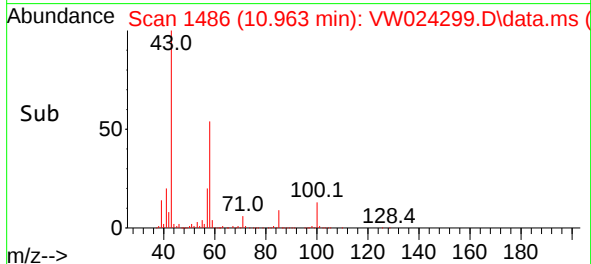
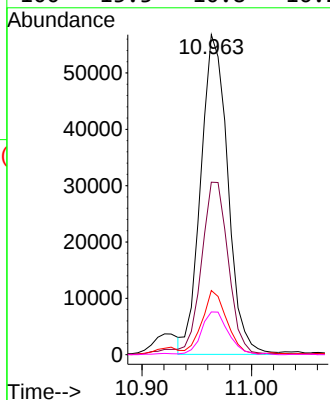
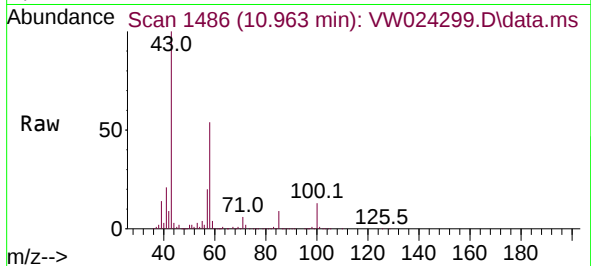




#48
2-Hexanone
Concen: 56.064 ug/L
RT: 10.963 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VW024299.D
Acq: 23 Aug 2022 12:13

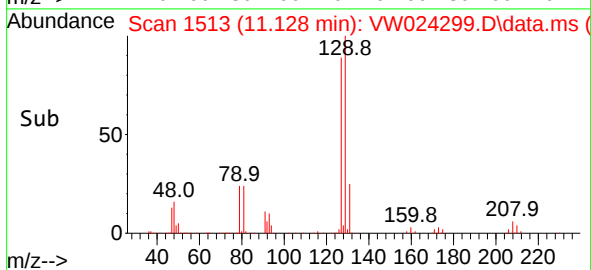
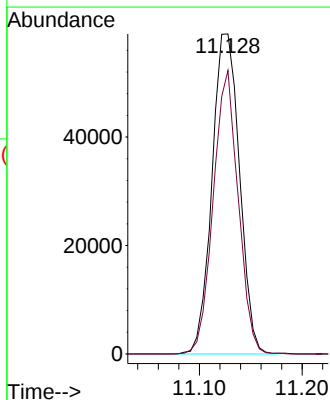
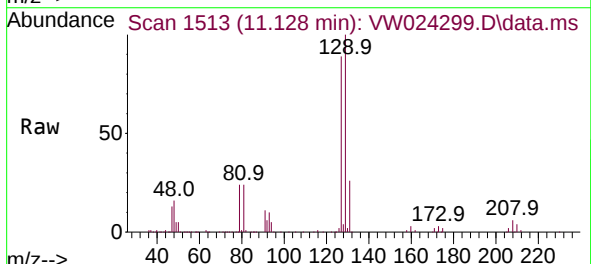
Instrument :
MSVOA_W
ClientSampleId :
VSTD025544

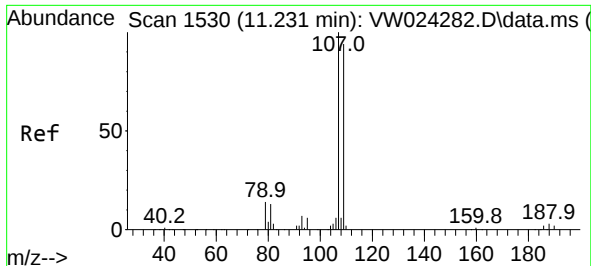
Tgt Ion:	43	Resp:	97181
Ion	Ratio	Lower	Upper
43	100		
58	52.7	43.4	65.0
57	17.9	15.0	22.4
100	13.3	10.8	16.2



#49
Dibromochloromethane
Concen: 28.113 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.006 min
Lab File: VW024299.D
Acq: 23 Aug 2022 12:13

Tgt Ion:	129	Resp:	109783
Ion	Ratio	Lower	Upper
129	100		
127	88.6	52.3	97.1





#50

1,2-Dibromoethane

Concen: 26.947 ug/L

RT: 11.231 min Scan# 1530

Delta R.T. 0.000 min

Lab File: VW024299.D

Acq: 23 Aug 2022 12:13

Instrument :

MSVOA_W

ClientSampleId :

VSTD025544

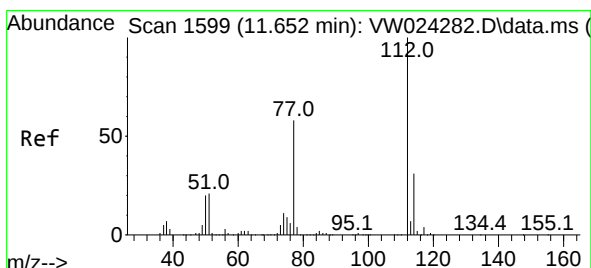
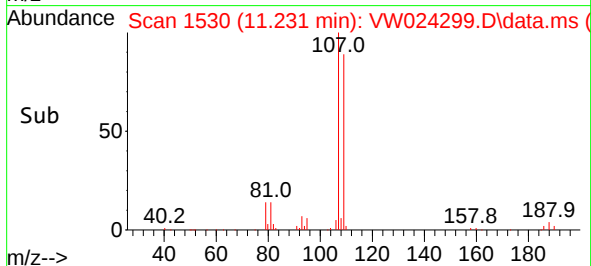
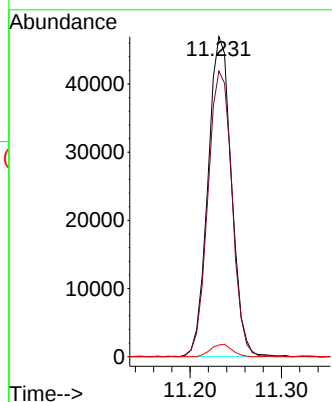
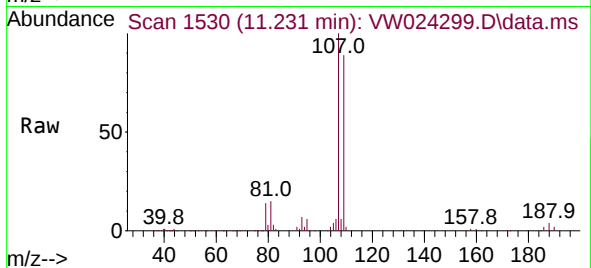
Tgt Ion:107 Resp: 83748

Ion Ratio Lower Upper

107 100

109 89.2 64.0 119.0

188 3.7 3.1 4.7



#51

Chlorobenzene

Concen: 26.356 ug/L

RT: 11.652 min Scan# 1599

Delta R.T. 0.000 min

Lab File: VW024299.D

Acq: 23 Aug 2022 12:13

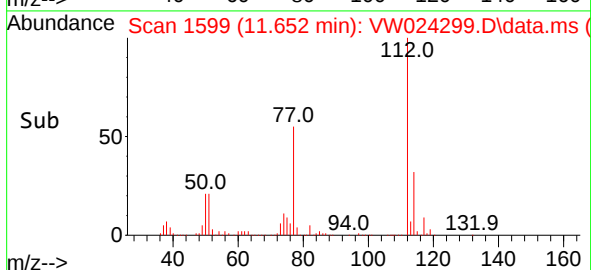
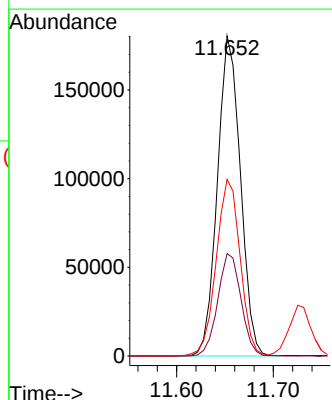
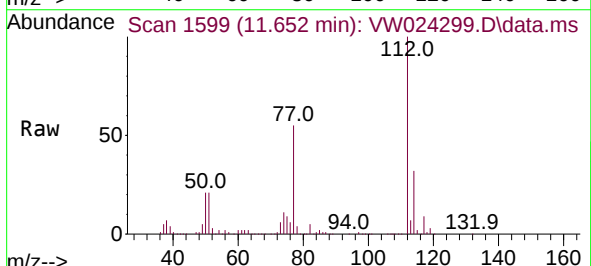
Tgt Ion:112 Resp: 297917

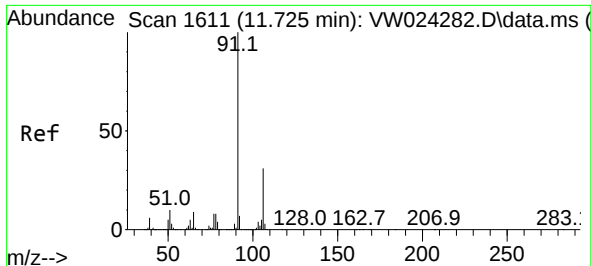
Ion Ratio Lower Upper

112 100

114 32.0 20.7 38.5

77 55.2 41.4 62.2

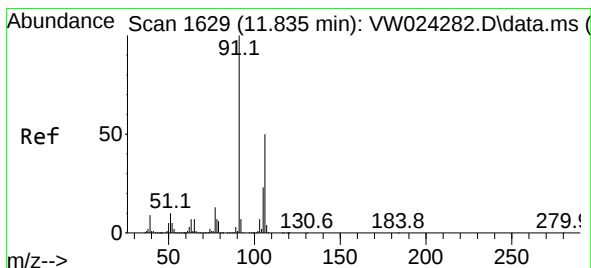
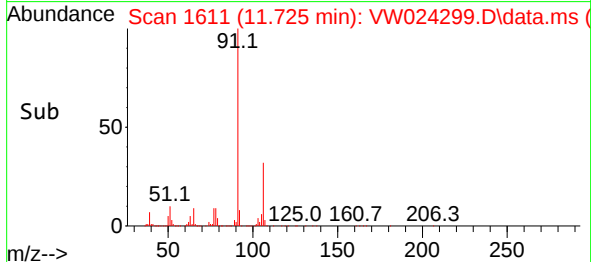
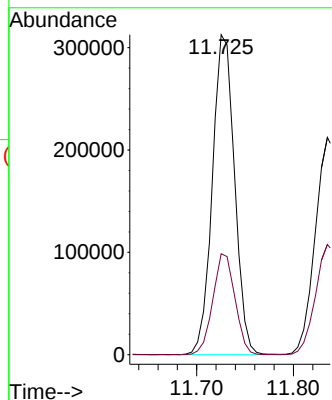
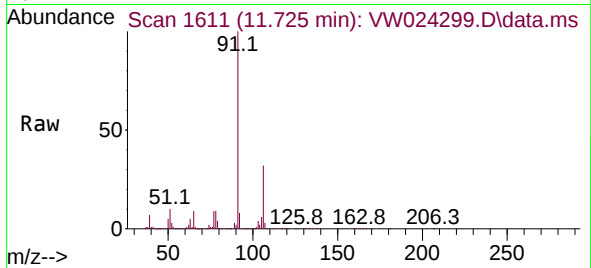




#52
Ethylbenzene
Concen: 27.509 ug/L
RT: 11.725 min Scan# 1611
Delta R.T. 0.000 min
Lab File: VW024299.D
Acq: 23 Aug 2022 12:13

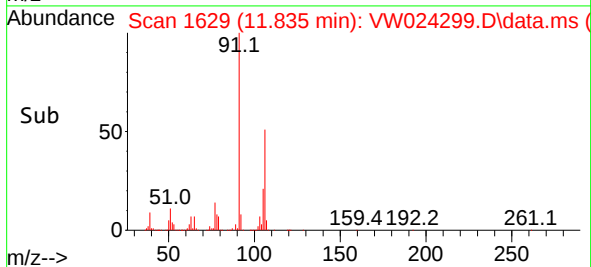
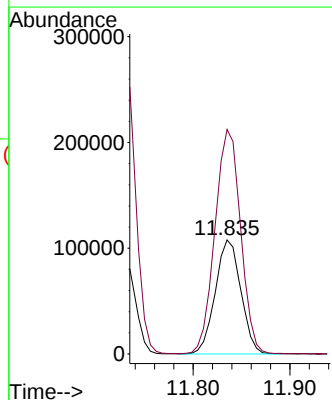
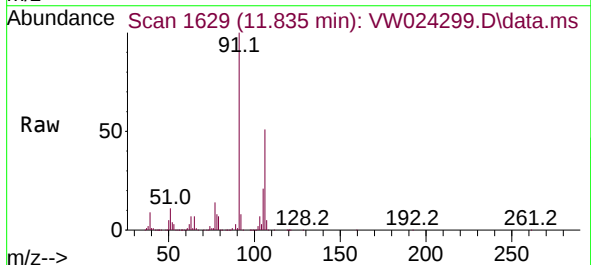
Instrument :
MSVOA_W
ClientSampleId :
VSTD025544

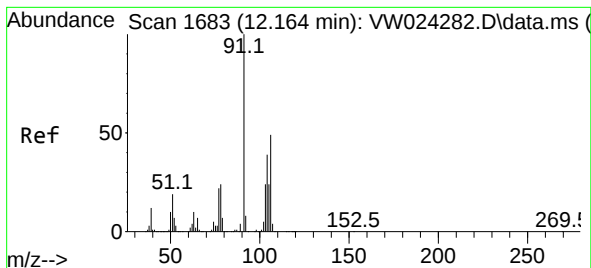
Tgt Ion: 91 Resp: 498619
Ion Ratio Lower Upper
91 100
106 31.5 21.9 40.7



#53
m,p-Xylene
Concen: 28.020 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW024299.D
Acq: 23 Aug 2022 12:13

Tgt Ion:106 Resp: 197702
Ion Ratio Lower Upper
106 100
91 196.9 144.1 267.7





#54

o-Xylene

Concen: 27.634 ug/L

RT: 12.164 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW024299.D

Acq: 23 Aug 2022 12:13

Instrument :

MSVOA_W

ClientSampleId :

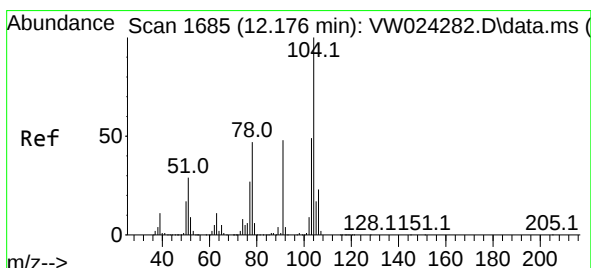
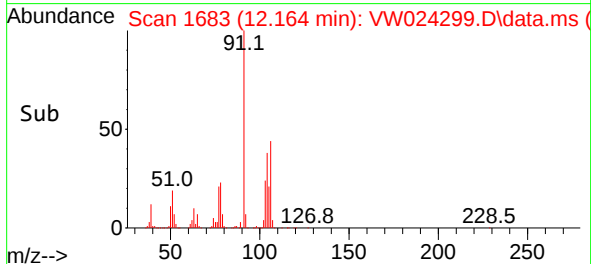
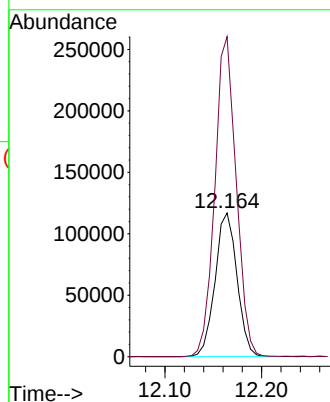
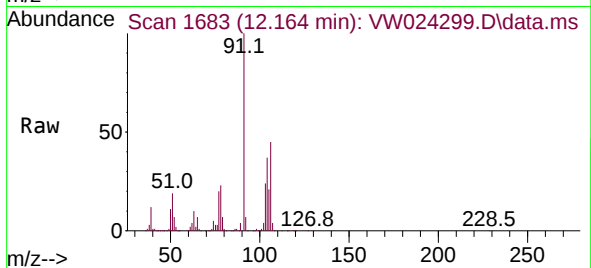
VSTD025544

Tgt Ion:106 Resp: 184201

Ion Ratio Lower Upper

106 100

91 222.7 150.9 280.3



#55

Styrene

Concen: 28.965 ug/L

RT: 12.176 min Scan# 1685

Delta R.T. 0.000 min

Lab File: VW024299.D

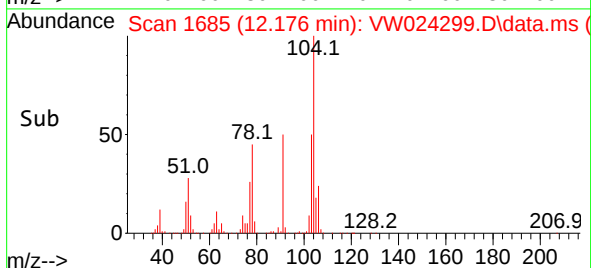
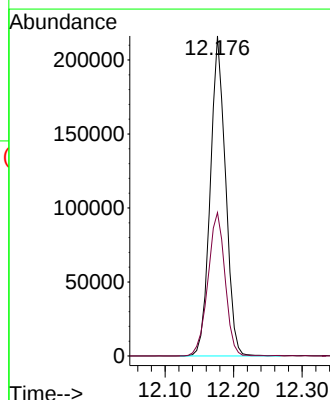
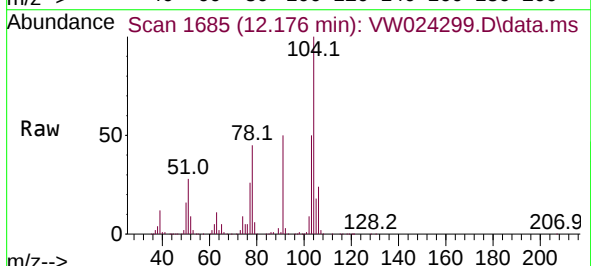
Acq: 23 Aug 2022 12:13

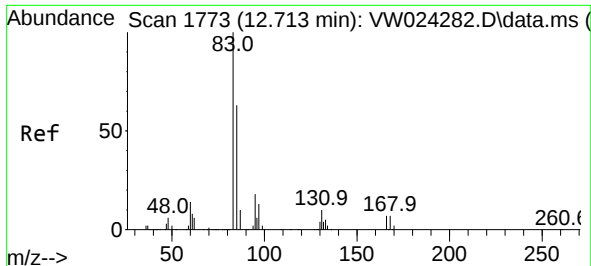
Tgt Ion:104 Resp: 335789

Ion Ratio Lower Upper

104 100

78 44.8 31.1 57.7

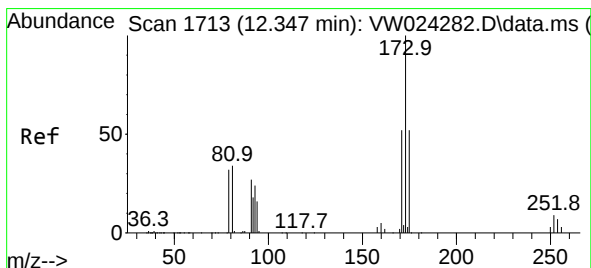
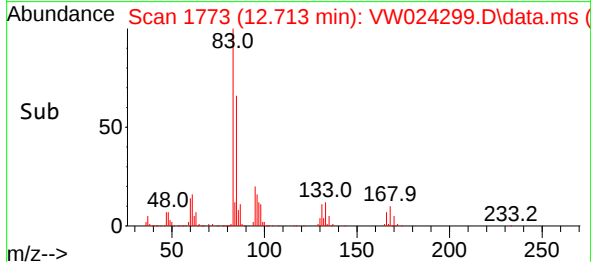
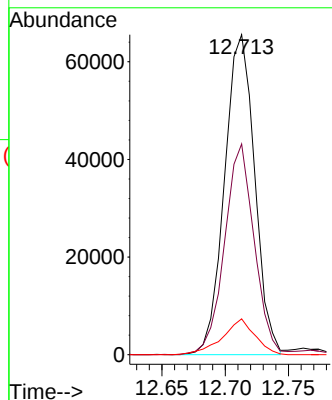
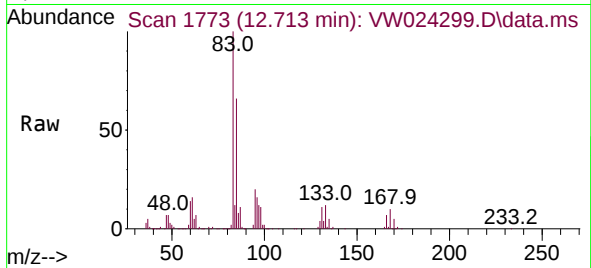




#57
1,1,2,2-Tetrachloroethane
Concen: 26.793 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VW024299.D
Acq: 23 Aug 2022 12:13

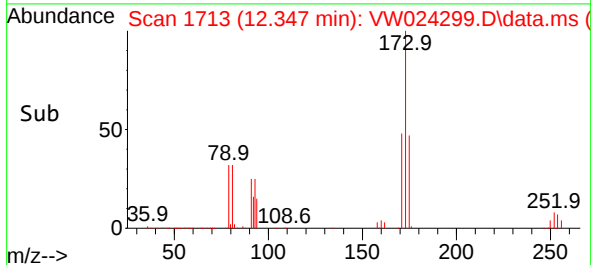
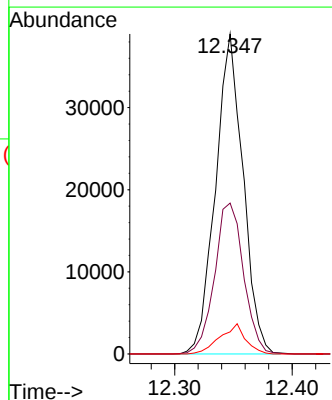
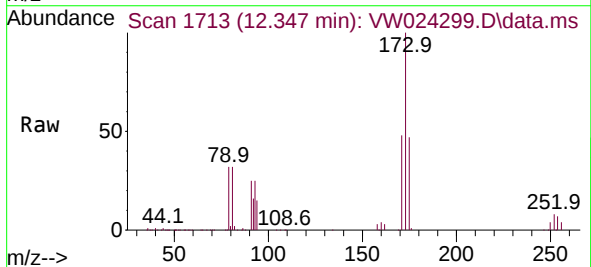
Instrument :
MSVOA_W
ClientSampleId :
VSTD025544

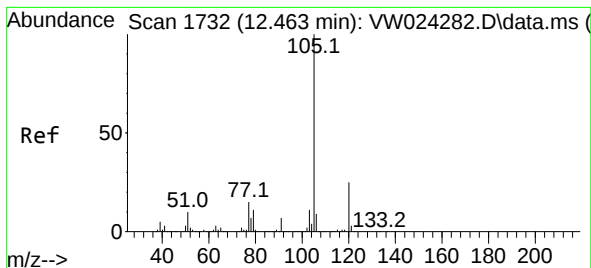
Tgt Ion: 83 Resp: 108617
Ion Ratio Lower Upper
83 100
85 65.8 44.1 81.9
131 11.2 8.3 12.5



#59
Bromoform
Concen: 26.888 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. 0.000 min
Lab File: VW024299.D
Acq: 23 Aug 2022 12:13

Tgt Ion: 173 Resp: 63471
Ion Ratio Lower Upper
173 100
175 49.6 39.0 58.6
254 8.7 6.8 10.2





#60

Isopropylbenzene

Concen: 27.335 ug/L

RT: 12.463 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW024299.D

Acq: 23 Aug 2022 12:13

Instrument :

MSVOA_W

ClientSampleId :

VSTD025544

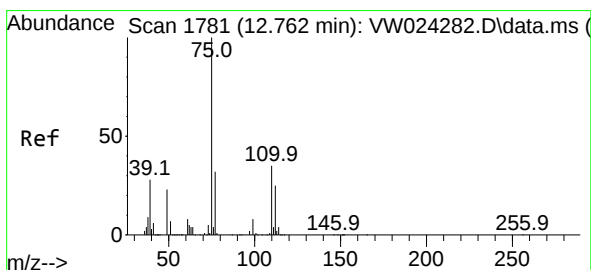
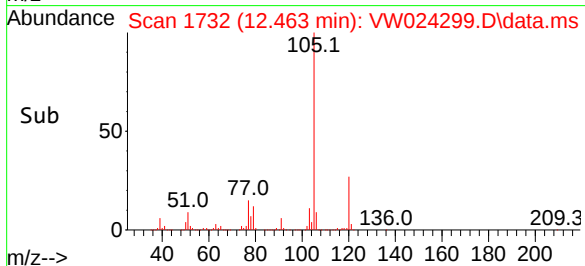
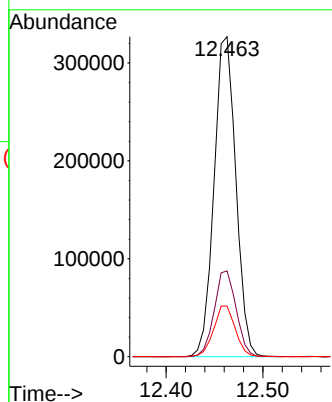
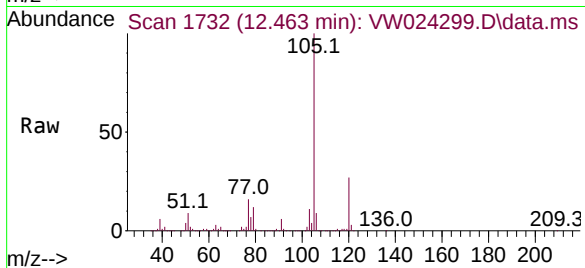
Tgt Ion:105 Resp: 512108

Ion Ratio Lower Upper

105 100

120 27.0 21.4 32.2

77 15.8 12.4 18.6



#61

1,2,3-Trichloropropane

Concen: 25.144 ug/L

RT: 12.768 min Scan# 1782

Delta R.T. 0.006 min

Lab File: VW024299.D

Acq: 23 Aug 2022 12:13

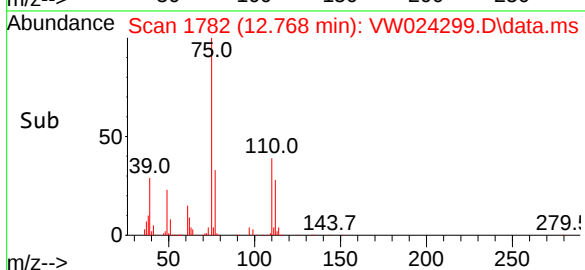
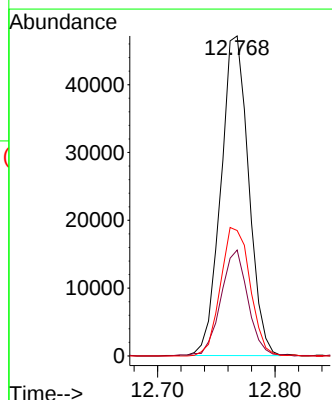
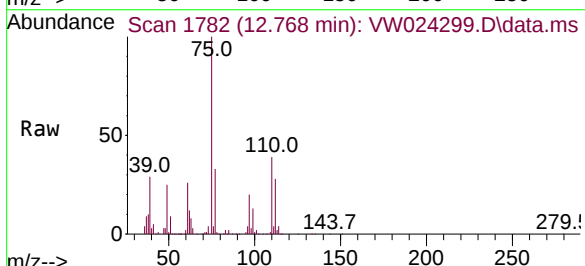
Tgt Ion: 75 Resp: 77440

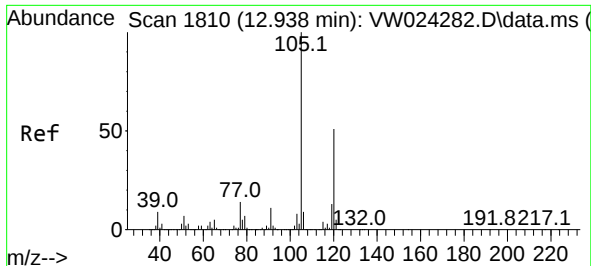
Ion Ratio Lower Upper

75 100

77 32.4 26.2 39.4

110 42.7 33.6 50.4

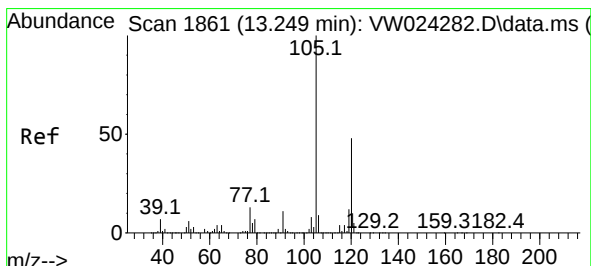
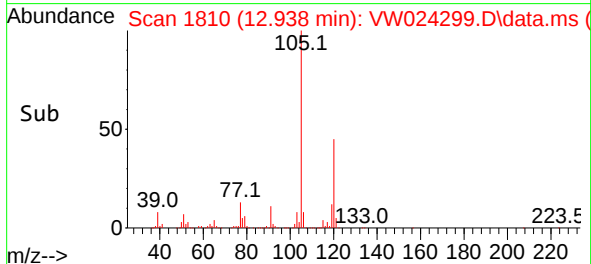
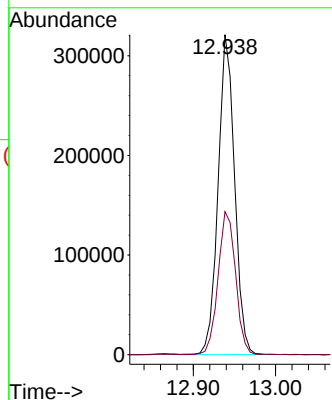
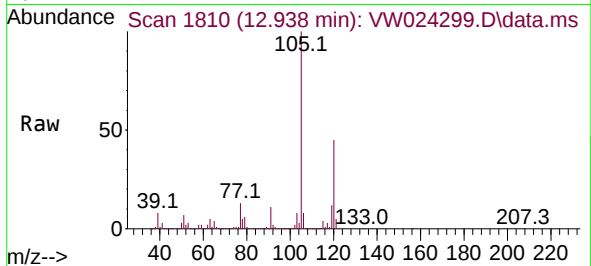




#62
1,3,5-Trimethylbenzene
Concen: 28.861 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VW024299.D
Acq: 23 Aug 2022 12:13

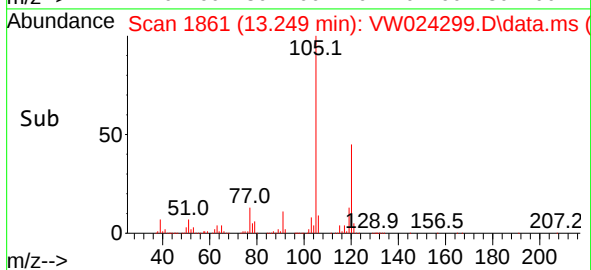
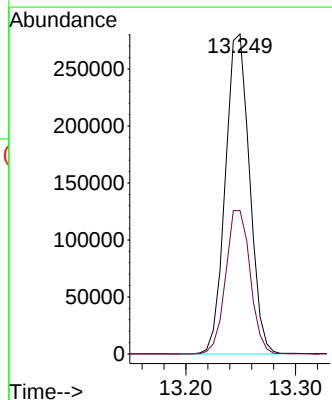
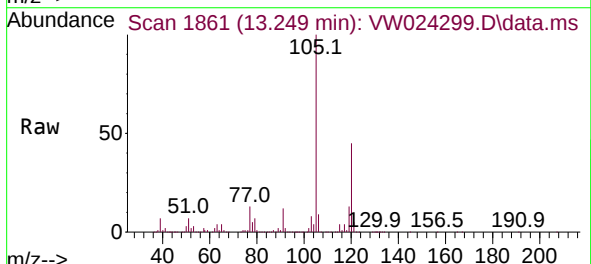
Instrument :
MSVOA_W
ClientSampleId :
VSTD025544

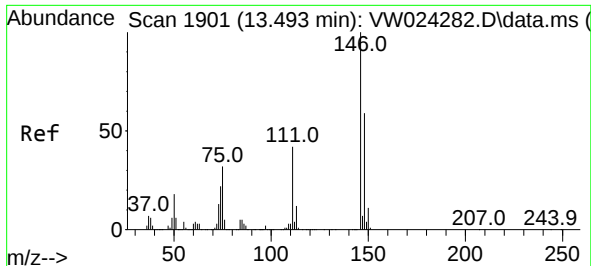
Tgt Ion:105 Resp: 446826
Ion Ratio Lower Upper
105 100
120 47.5 39.7 59.5



#63
1,2,4-Trimethylbenzene
Concen: 28.251 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW024299.D
Acq: 23 Aug 2022 12:13

Tgt Ion:105 Resp: 430751
Ion Ratio Lower Upper
105 100
120 45.5 36.4 54.6

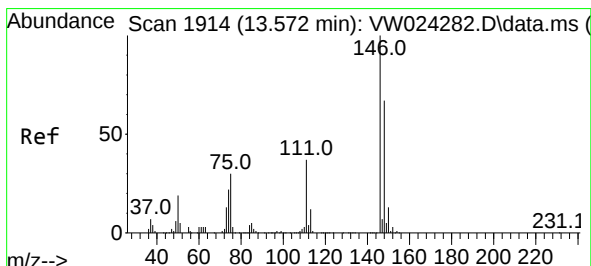
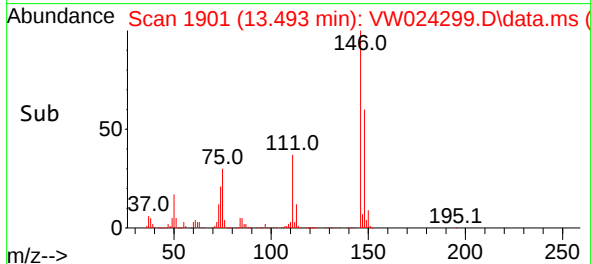
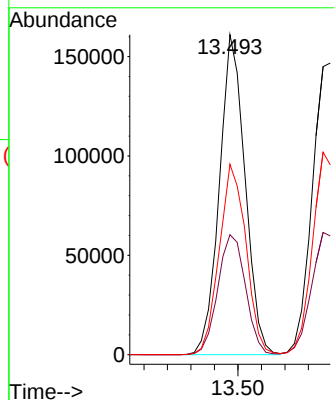
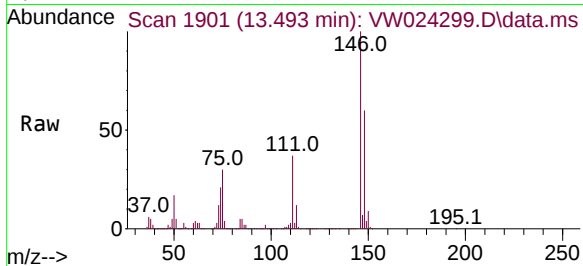




#64
1,3-Dichlorobenzene
Concen: 26.665 ug/L
RT: 13.493 min Scan# 1901
Delta R.T. 0.000 min
Lab File: VW024299.D
Acq: 23 Aug 2022 12:13

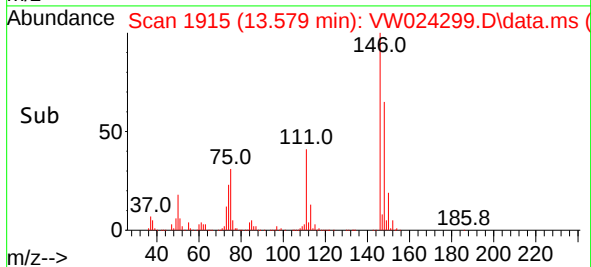
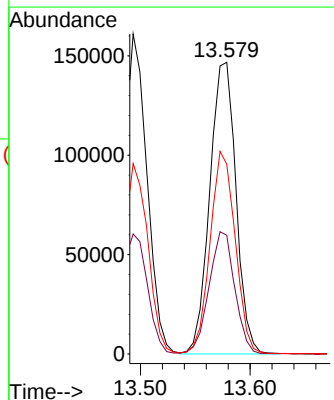
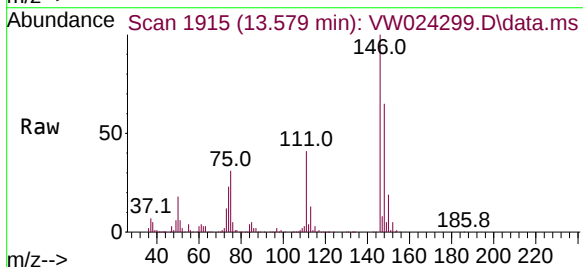
Instrument :
MSVOA_W
ClientSampleId :
VSTD025544

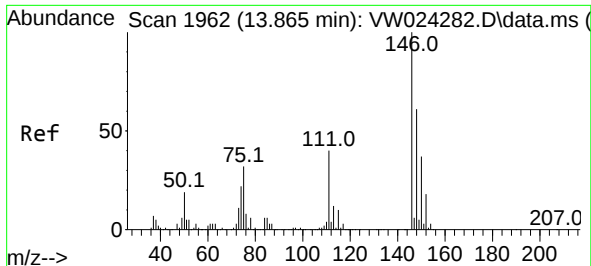
Tgt Ion:146 Resp: 244628
Ion Ratio Lower Upper
146 100
111 37.5 28.0 52.0
148 59.5 46.5 86.3



#65
1,4-Dichlorobenzene
Concen: 25.157 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.006 min
Lab File: VW024299.D
Acq: 23 Aug 2022 12:13

Tgt Ion:146 Resp: 244391
Ion Ratio Lower Upper
146 100
111 40.7 27.6 51.4
148 65.1 40.5 75.3





#67

1,2-Dichlorobenzene

Concen: 26.171 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VW024299.D

Acq: 23 Aug 2022 12:13

Instrument :

MSVOA_W

ClientSampleId :

VSTD025544

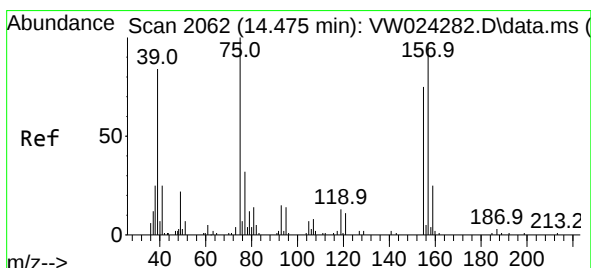
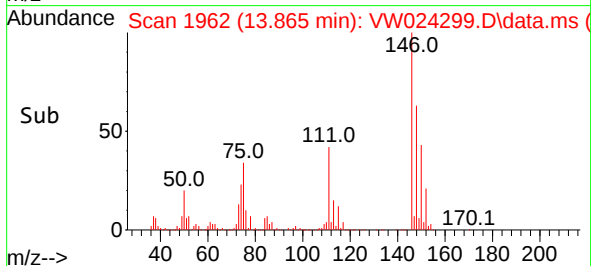
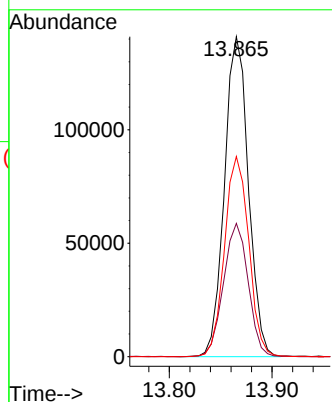
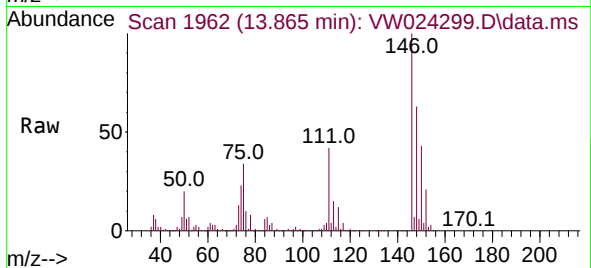
Tgt Ion:146 Resp: 227990

Ion Ratio Lower Upper

146 100

111 41.7 29.0 43.6

148 62.6 47.8 71.8



#68

1,2-Dibromo-3-chloropropane

Concen: 26.325 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.006 min

Lab File: VW024299.D

Acq: 23 Aug 2022 12:13

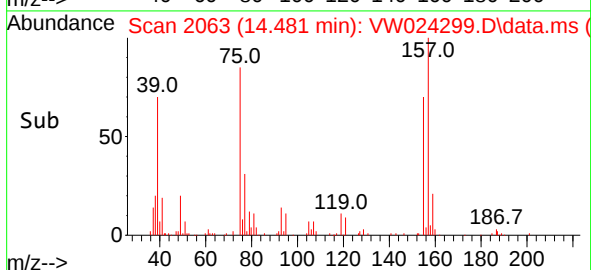
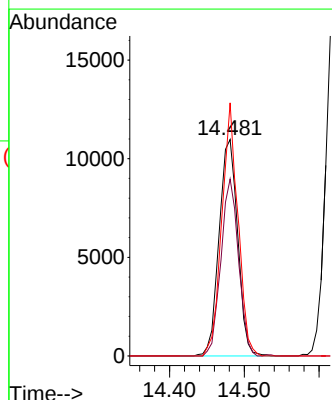
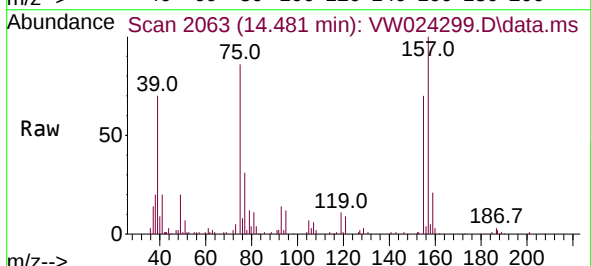
Tgt Ion: 75 Resp: 18943

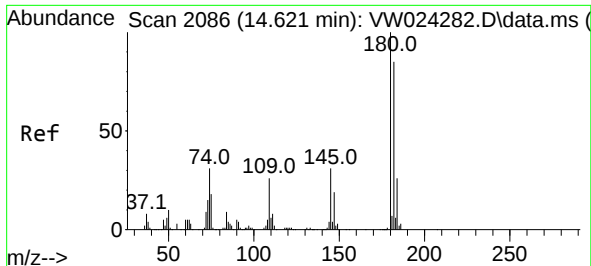
Ion Ratio Lower Upper

75 100

155 81.7 68.8 103.2

157 116.9 91.5 137.3





#69

1,3,5-Trichlorobenzene

Concen: 27.866 ug/L

RT: 14.621 min Scan# 2086

Delta R.T. 0.000 min

Lab File: VW024299.D

Acq: 23 Aug 2022 12:13

Instrument :

MSVOA_W

ClientSampleId :

VSTD025544

Tgt Ion:180 Resp: 167631

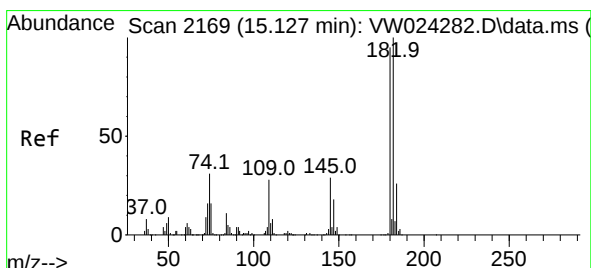
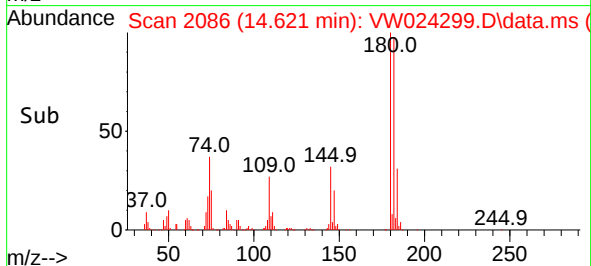
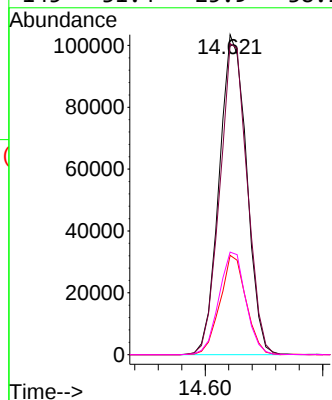
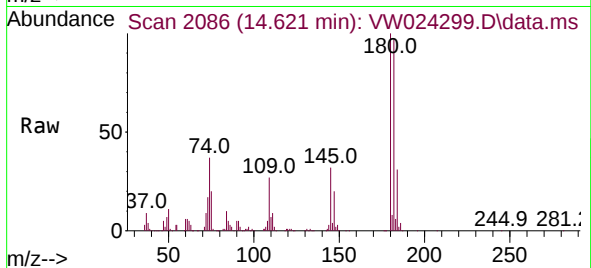
Ion Ratio Lower Upper

180 100

182 96.9 78.4 117.6

184 29.5 24.7 37.1

145 31.4 25.9 38.9



#70

1,2,4-trichlorobenzene

Concen: 29.332 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. 0.000 min

Lab File: VW024299.D

Acq: 23 Aug 2022 12:13

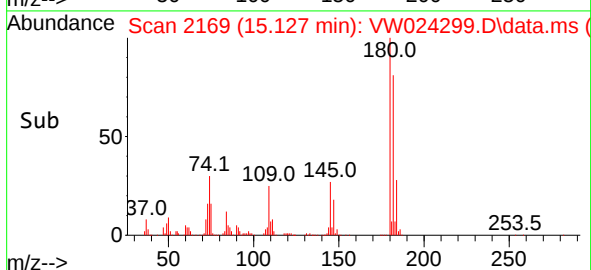
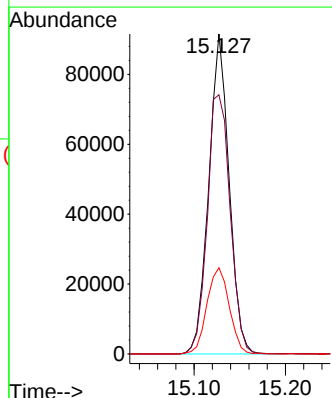
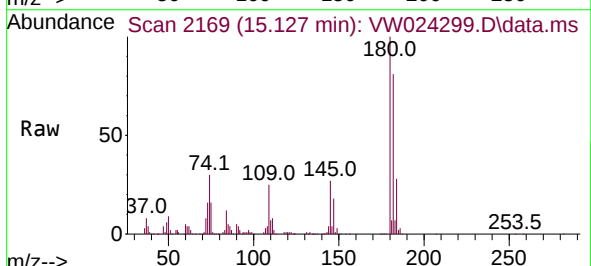
Tgt Ion:180 Resp: 141310

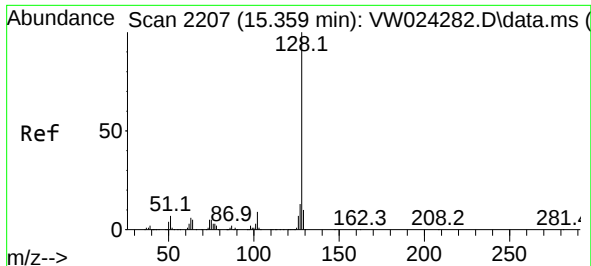
Ion Ratio Lower Upper

180 100

182 91.3 75.0 112.4

145 29.6 25.1 37.7

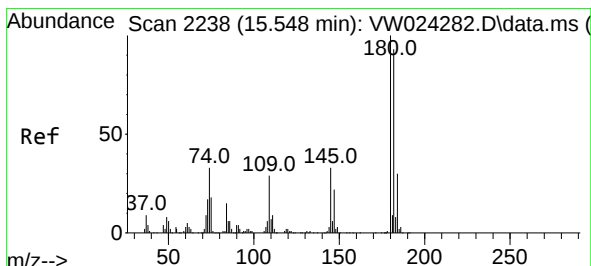
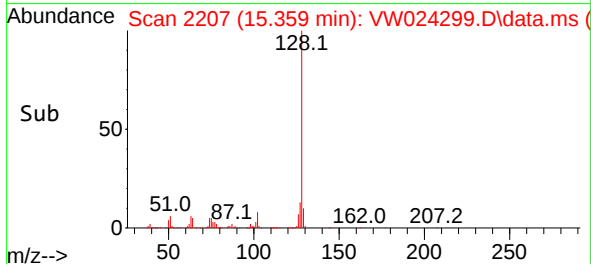
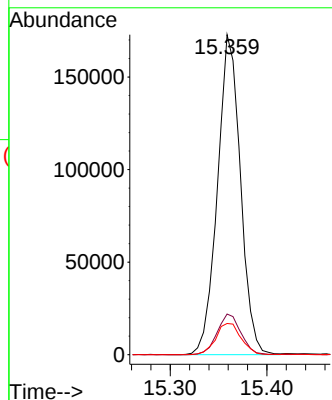
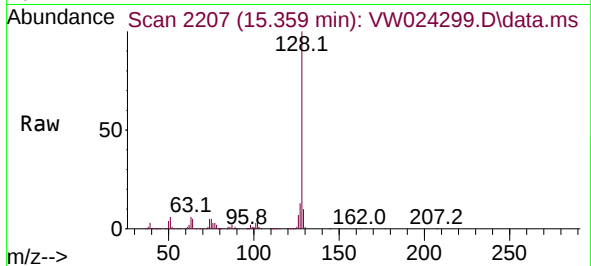




#71
Naphthalene
Concen: 30.413 ug/L
RT: 15.359 min Scan# 2207
Delta R.T. 0.000 min
Lab File: VW024299.D
Acq: 23 Aug 2022 12:13

Instrument :
MSVOA_W
ClientSampleId :
VSTD025544

Tgt Ion:128 Resp: 285389
Ion Ratio Lower Upper
128 100
127 13.1 10.7 16.1
129 10.8 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 29.696 ug/L
RT: 15.548 min Scan# 2238
Delta R.T. 0.000 min
Lab File: VW024299.D
Acq: 23 Aug 2022 12:13

Tgt Ion:180 Resp: 130249
Ion Ratio Lower Upper
180 100
182 94.8 75.4 113.2
145 34.2 26.9 40.3

