

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102622\
 Data File : VW028707.D
 Acq On : 26 Oct 2022 20:57
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 27 06:27:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 27 05:05:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	187269	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	177177	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	86532	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	53690	4.122	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.400%
7) Chloroethane-d5	1.564	69	52091	4.730	ug/L	-0.01
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.600%
11) 1,1-Dichloroethene-d2	2.105	63	119671	4.750	ug/L	-0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.000%
20) 2-Butanone-d5	3.896	46	193894	65.288	ug/L	-0.08
Spiked Amount	50.000	Range	40 - 130	Recovery	=	130.580%#
24) Chloroform-d	4.343	84	111012	4.909	ug/L	-0.01
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.200%
26) 1,2-Dichloroethane-d4	5.031	65	56440	4.918	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.400%
32) Benzene-d6	5.043	84	207819	4.386	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.800%
36) 1,2-Dichloropropane-d6	6.066	67	72669	4.845	ug/L	-0.01
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.000%
41) Toluene-d8	7.310	98	182114	4.926	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.600%
43) trans-1,3-Dichloroprop...	7.619	79	20408	4.379	ug/L	-0.01
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.600%
46) 2-Hexanone-d5	8.085	63	134483	61.998	ug/L	-0.03
Spiked Amount	50.000	Range	45 - 130	Recovery	=	124.000%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	55234	5.553	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	111.000%
66) 1,2-Dichlorobenzene-d4	11.616	152	60303	5.052	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	42610	5.395	ug/L	97
3) Chloromethane	1.240	50	74296	5.039	ug/L	98
5) Vinyl chloride	1.307	62	75997	5.188	ug/L	100
6) Bromomethane	1.519	94	37648	5.380	ug/L	98
8) Chloroethane	1.584	64	55367	5.559	ug/L	97
9) Trichlorofluoromethane	1.751	101	107071	5.484	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	62689	5.404	ug/L	99
12) 1,1-Dichloroethene	2.114	96	55639	5.406	ug/L	84
13) Acetone	2.188	43	133827	75.921	ug/L	91
14) Carbon disulfide	2.291	76	102002	4.293	ug/L	99
15) Methyl Acetate	2.436	43	29800	5.572	ug/L	99
16) Methylene chloride	2.503	84	73129	5.152	ug/L	91
17) Methyl tert-butyl Ether	2.764	73	148527	5.501	ug/L	98
18) trans-1,2-Dichloroethene	2.757	96	53352	5.151	ug/L	94
19) 1,1-Dichloroethane	3.185	63	132381	5.295	ug/L	98
21) 2-Butanone	3.982	43	196543	64.875	ug/L	99
22) cis-1,2-Dichloroethene	3.905	96	64701	5.210	ug/L #	99
23) Bromochloromethane	4.243	128	25013	5.388	ug/L	95
25) Chloroform	4.368	83	127471	5.242	ug/L	100

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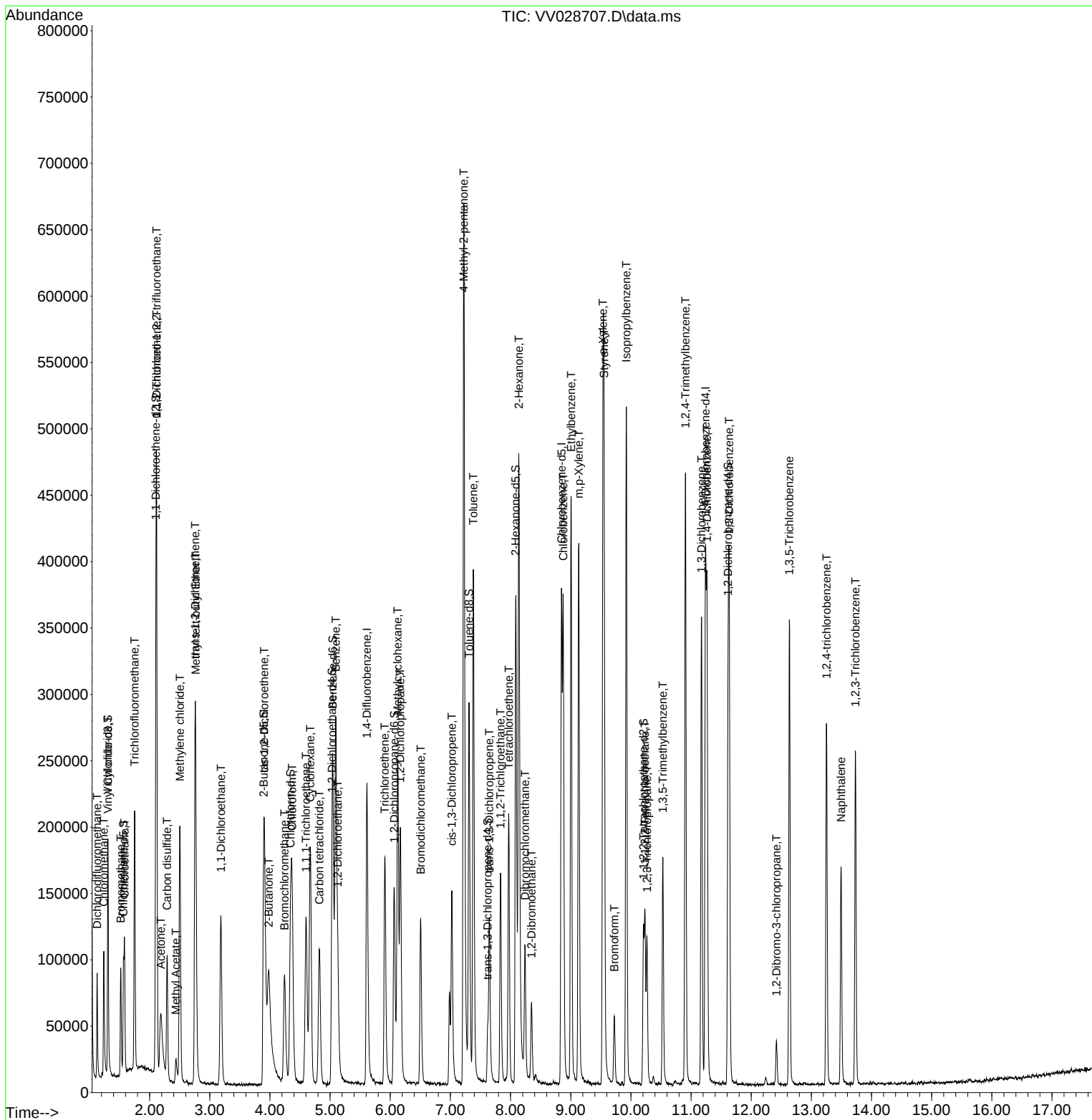
Instrument :
 MSVOA_V
 ClientSampleId :

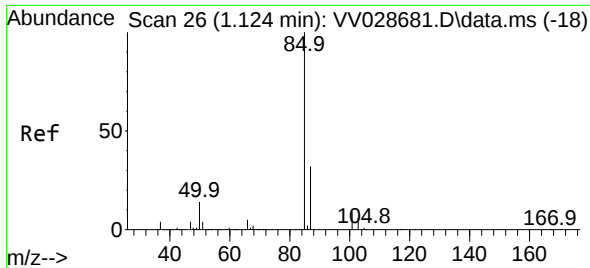
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	78573	5.467	ug/L	99
29) 1,1,1-Trichloroethane	4.600	97	95755	4.493	ug/L	98
30) Cyclohexane	4.670	56	97953	4.436	ug/L	99
31) Carbon tetrachloride	4.822	117	71694	4.188	ug/L	97
33) Benzene	5.095	78	266261	5.028	ug/L	100
34) Trichloroethene	5.908	95	62472	4.762	ug/L	97
35) Methylcyclohexane	6.124	83	91926	5.073	ug/L	98
37) 1,2-Dichloropropane	6.169	63	76967	5.689	ug/L	99
38) Bromodichloromethane	6.506	83	83958	5.190	ug/L	97
39) cis-1,3-Dichloropropene	7.024	75	89024	5.428	ug/L	99
40) 4-Methyl-2-pentanone	7.223	43	513166	64.061	ug/L	98
42) Toluene	7.381	91	270922	5.396	ug/L	100
44) trans-1,3-Dichloropropene	7.648	75	67377	5.097	ug/L	99
45) 1,1,2-Trichloroethane	7.834	97	47130	5.667	ug/L	94
47) Tetrachloroethene	7.969	164	40277	5.002	ug/L	98
48) 2-Hexanone	8.137	43	352996	62.279	ug/L	99
49) Dibromochloromethane	8.239	129	45490	5.222	ug/L	93
50) 1,2-Dibromoethane	8.349	107	39650	5.477	ug/L	99
51) Chlorobenzene	8.876	112	171887	5.437	ug/L	98
52) Ethylbenzene	9.005	91	302701	5.425	ug/L	97
53) m,p-Xylene	9.133	106	109971	5.458	ug/L	100
54) o-Xylene	9.535	106	107653	5.311	ug/L	98
55) Styrene	9.555	104	190649	5.578	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.233	83	61595	5.906	ug/L	96
59) Bromoform	9.725	173	21633	5.092	ug/L	95
60) Isopropylbenzene	9.924	105	300660	5.522	ug/L	100
61) 1,2,3-Trichloropropane	10.268	75	43560	5.863	ug/L	97
62) 1,3,5-Trimethylbenzene	10.532	105	84995	5.351	ug/L	99
63) 1,2,4-Trimethylbenzene	10.908	105	241247	5.484	ug/L	99
64) 1,3-Dichlorobenzene	11.175	146	129173	5.507	ug/L	99
65) 1,4-Dichlorobenzene	11.265	146	126661	5.413	ug/L	99
67) 1,2-Dichlorobenzene	11.635	146	120788	5.632	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.419	75	7873	5.147	ug/L	91
69) 1,3,5-Trichlorobenzene	12.635	180	92732	5.206	ug/L	98
70) 1,2,4-trichlorobenzene	13.252	180	72542	5.350	ug/L	98
71) Naphthalene	13.493	128	119096	5.125	ug/L	99
72) 1,2,3-Trichlorobenzene	13.734	180	64967	5.406	ug/L	95

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

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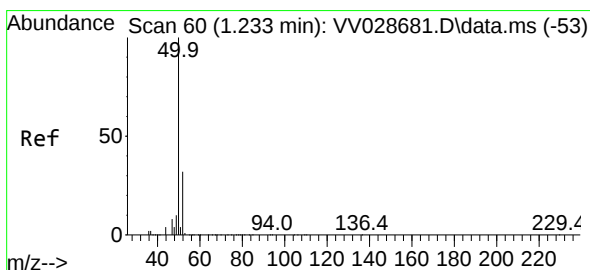
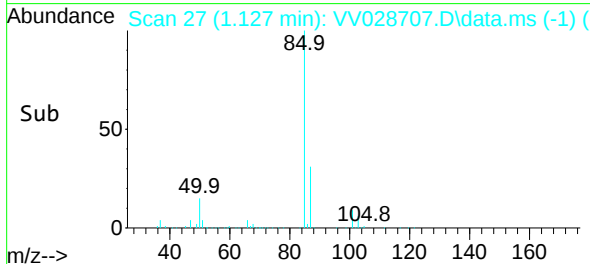
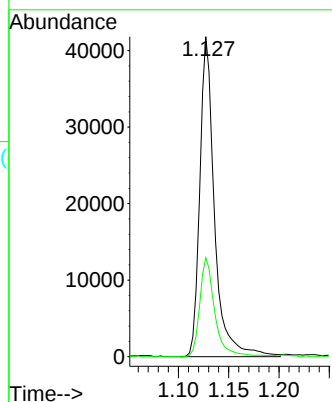
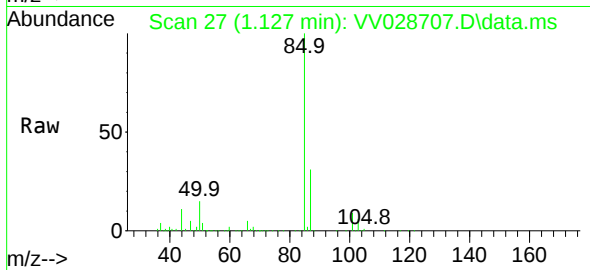




#2
Dichlorodifluoromethane
Concen: 5.395 ug/L
RT: 1.127 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV028707.D
Acq: 26 Oct 2022 20:57

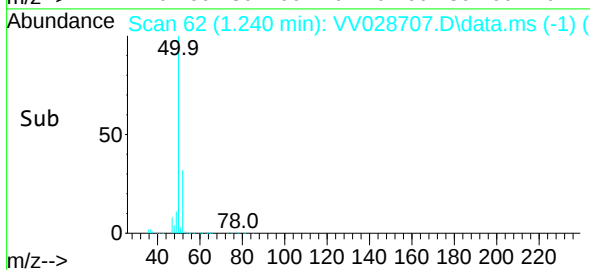
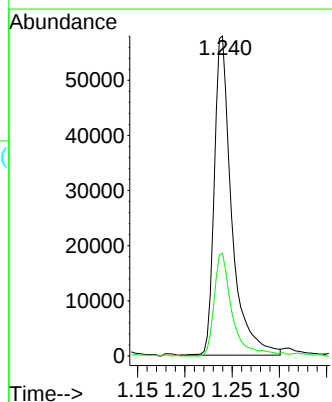
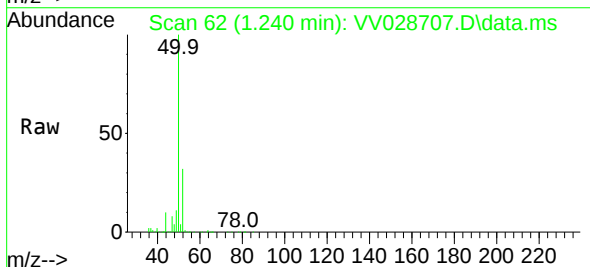
Instrument :
MSVOA_V
ClientSampleId :

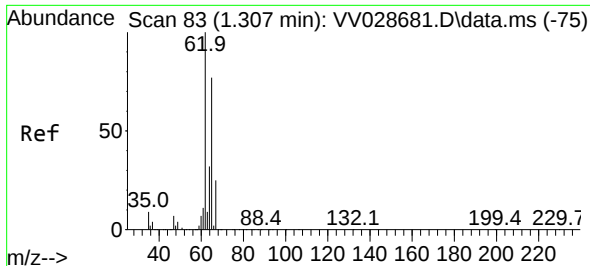
Tgt Ion: 85 Resp: 42610
Ion Ratio Lower Upper
85 100
87 31.6 26.6 40.0



#3
Chloromethane
Concen: 5.039 ug/L
RT: 1.240 min Scan# 62
Delta R.T. 0.006 min
Lab File: VV028707.D
Acq: 26 Oct 2022 20:57

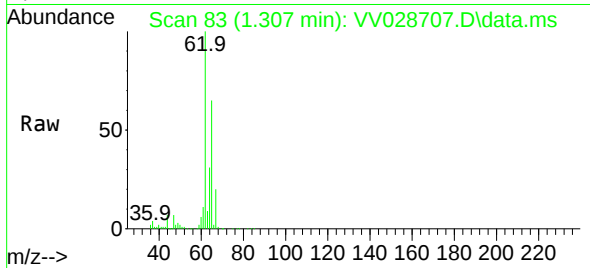
Tgt Ion: 50 Resp: 74296
Ion Ratio Lower Upper
50 100
52 32.1 21.8 40.6



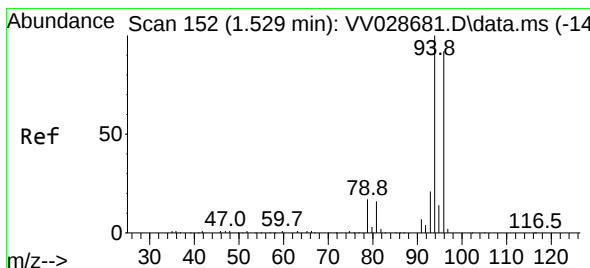
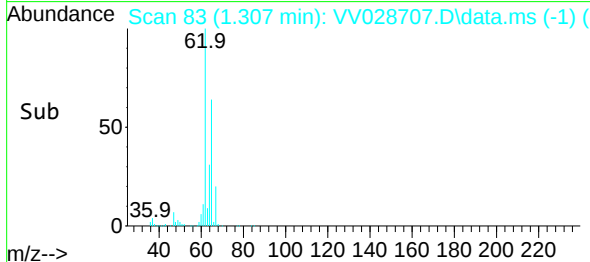
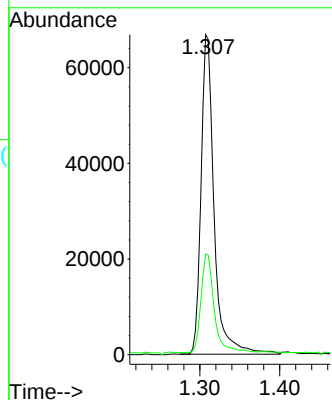


#5
 Vinyl chloride
 Concen: 5.188 ug/L
 RT: 1.307 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VV028707.D
 Acq: 26 Oct 2022 20:57

Instrument :
 MSVOA_V
 ClientSampleId :

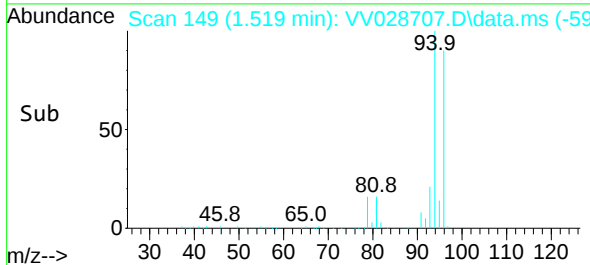
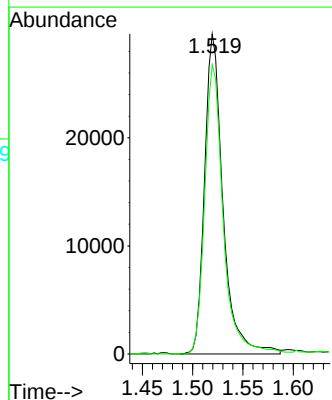
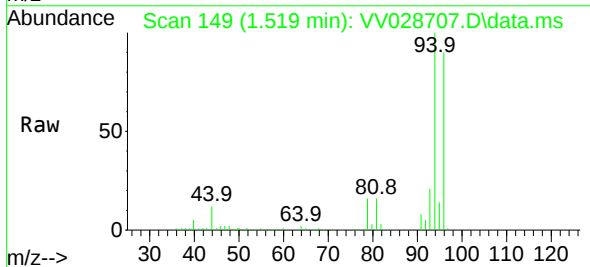


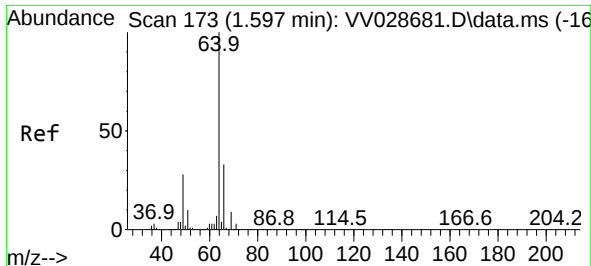
Tgt Ion: 62 Resp: 75997
 Ion Ratio Lower Upper
 62 100
 64 31.4 22.0 41.0



#6
 Bromomethane
 Concen: 5.380 ug/L
 RT: 1.519 min Scan# 149
 Delta R.T. -0.010 min
 Lab File: VV028707.D
 Acq: 26 Oct 2022 20:57

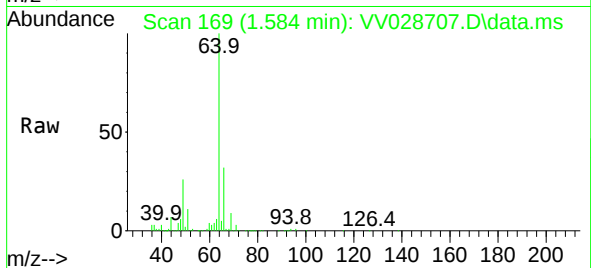
Tgt Ion: 94 Resp: 37648
 Ion Ratio Lower Upper
 94 100
 96 90.4 64.3 119.3



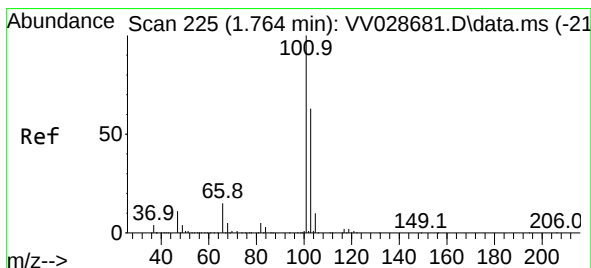
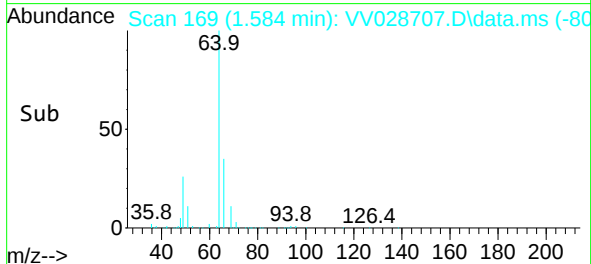
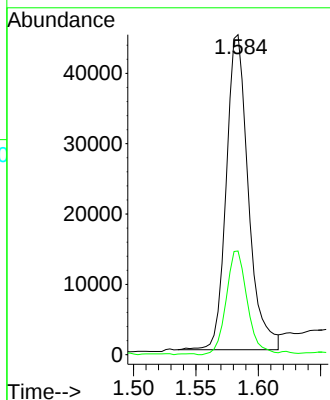


#8
Chloroethane
Concen: 5.559 ug/L
RT: 1.584 min Scan# 1
Delta R.T. -0.013 min
Lab File: VV028707.D
Acq: 26 Oct 2022 20:57

Instrument :
MSVOA_V
ClientSampleId :

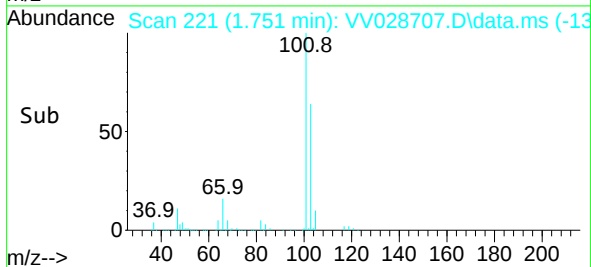
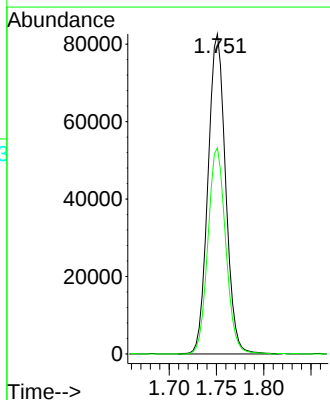
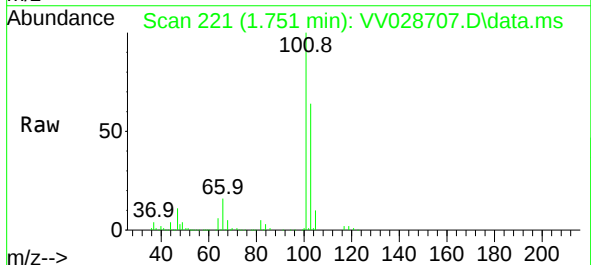


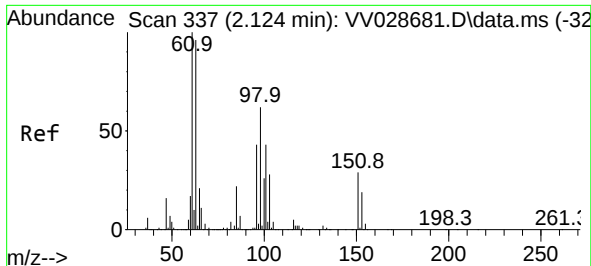
Tgt Ion: 64 Resp: 55367
Ion Ratio Lower Upper
64 100
66 32.4 23.9 44.5



#9
Trichlorofluoromethane
Concen: 5.484 ug/L
RT: 1.751 min Scan# 221
Delta R.T. -0.013 min
Lab File: VV028707.D
Acq: 26 Oct 2022 20:57

Tgt Ion: 101 Resp: 107071
Ion Ratio Lower Upper
101 100
103 65.1 51.0 76.6





#10

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

Concen: 5.404 ug/L

RT: 2.114 min Scan# 337

Delta R.T. -0.010 min

Lab File: VV028707.D

Acq: 26 Oct 2022 20:57

Instrument :

MSVOA_V

ClientSampleId :

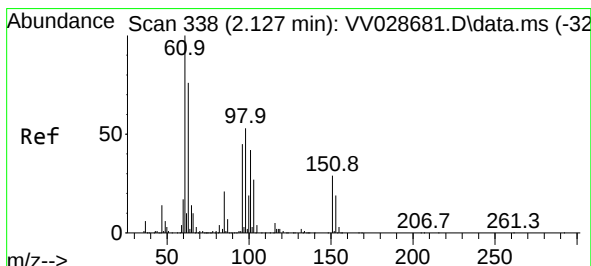
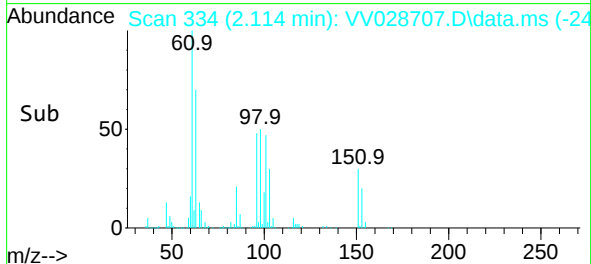
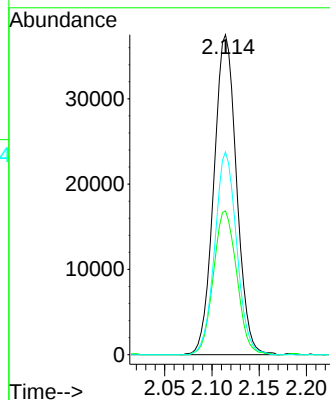
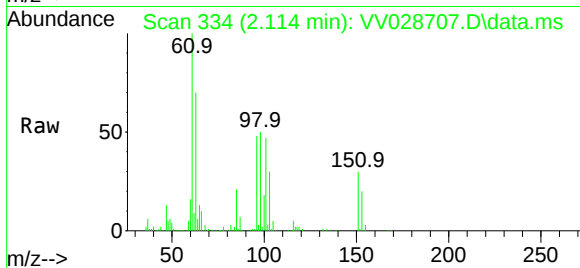
Tgt Ion:101 Resp: 62689

Ion Ratio Lower Upper

101 100

85 46.2 37.0 55.6

151 61.3 50.2 75.2



#12

1,1-Dichloroethene

Concen: 5.406 ug/L

RT: 2.114 min Scan# 334

Delta R.T. -0.013 min

Lab File: VV028707.D

Acq: 26 Oct 2022 20:57

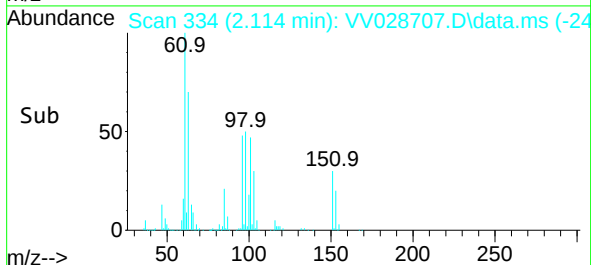
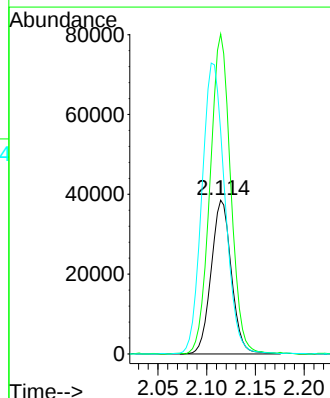
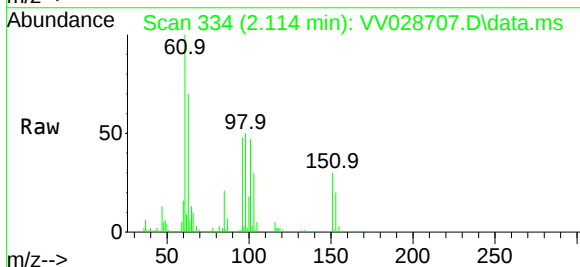
Tgt Ion: 96 Resp: 55639

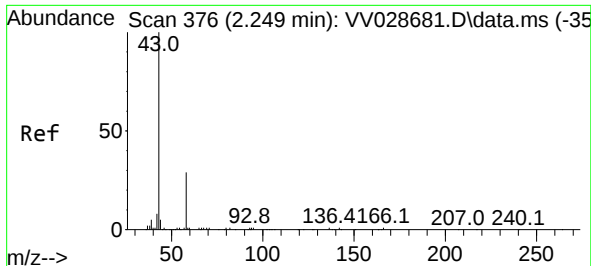
Ion Ratio Lower Upper

96 100

61 208.2 148.1 275.1

63 144.8 133.3 247.7

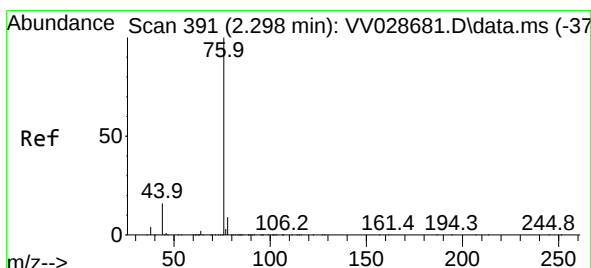
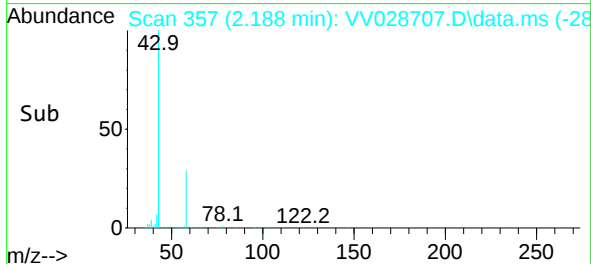
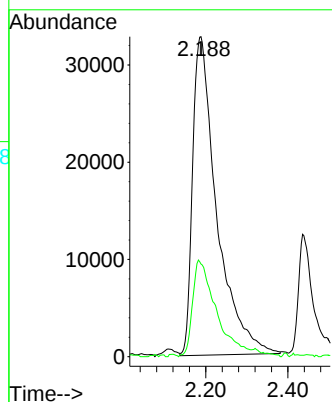
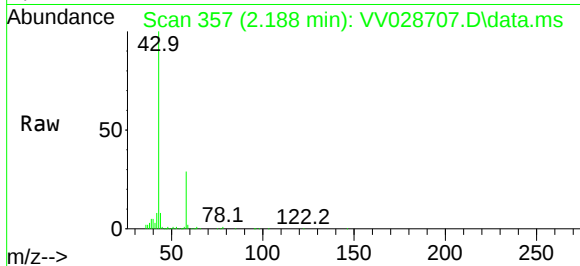




#13
Acetone
Concen: 75.921 ug/L
RT: 2.188 min Scan# 31
Delta R.T. -0.061 min
Lab File: VV028707.D
Acq: 26 Oct 2022 20:57

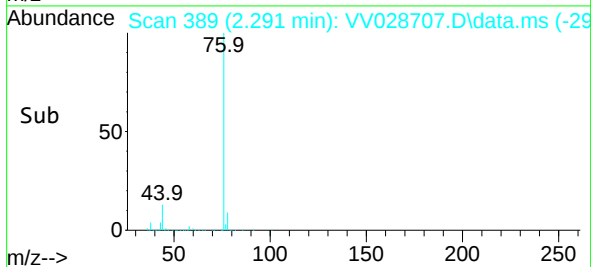
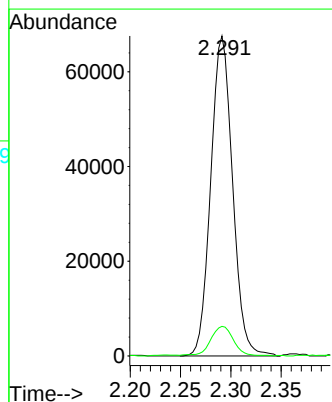
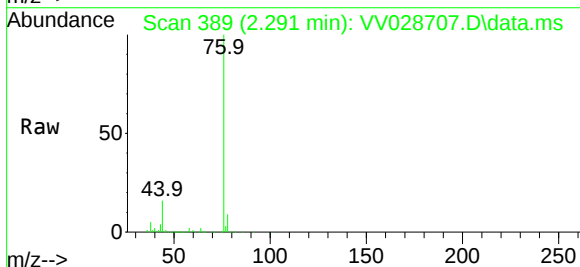
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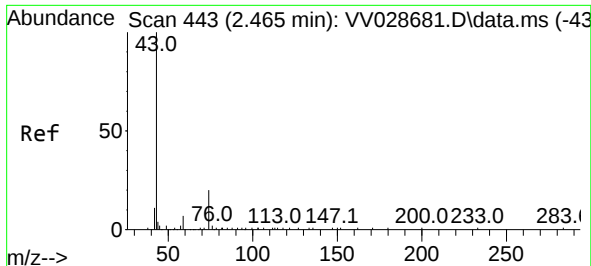
Tgt Ion: 43 Resp: 133827
Ion Ratio Lower Upper
43 100
58 29.7 0.0 50.2



#14
Carbon disulfide
Concen: 4.293 ug/L
RT: 2.291 min Scan# 389
Delta R.T. -0.006 min
Lab File: VV028707.D
Acq: 26 Oct 2022 20:57

Tgt Ion: 76 Resp: 102002
Ion Ratio Lower Upper
76 100
78 9.2 7.1 10.7

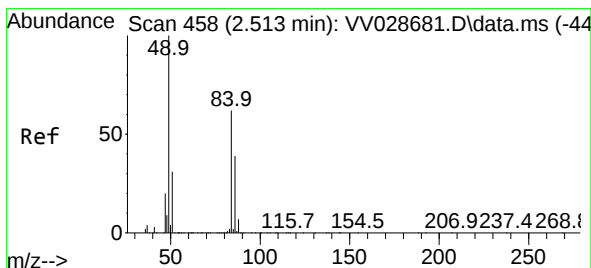
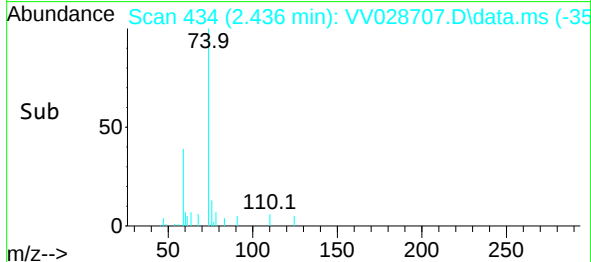
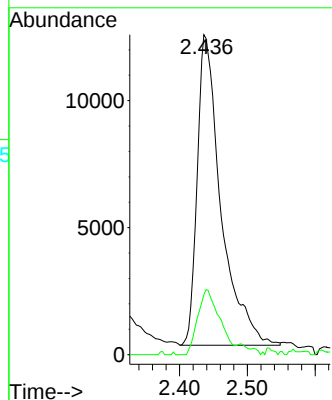
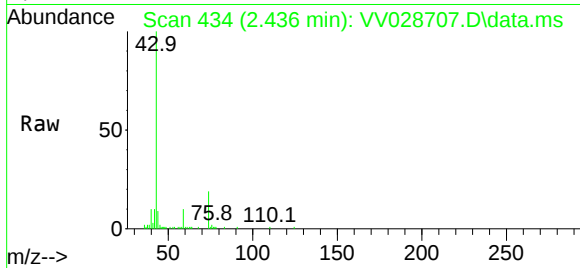




#15
Methyl Acetate
Concen: 5.572 ug/L
RT: 2.436 min Scan# 41
Delta R.T. -0.029 min
Lab File: VV028707.D
Acq: 26 Oct 2022 20:57

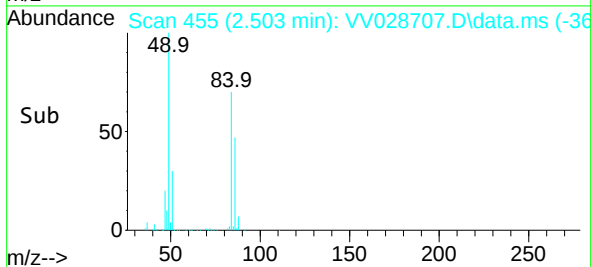
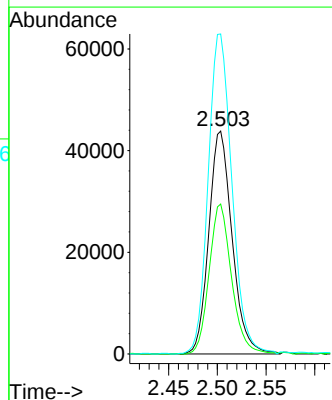
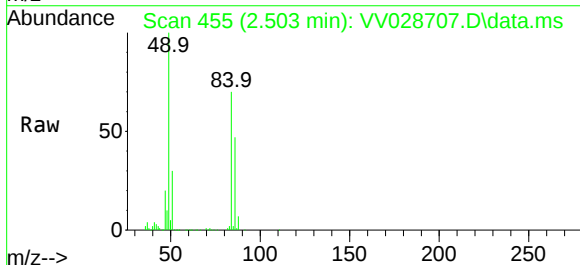
Instrument :
MSVOA_V
ClientSampleId :

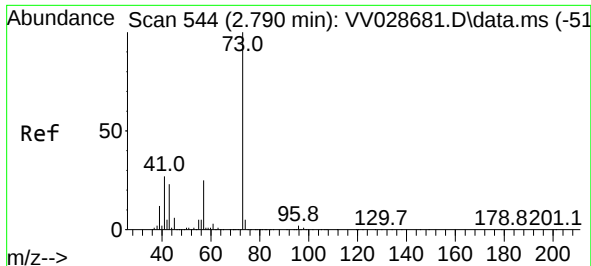
Tgt Ion: 43 Resp: 29800
Ion Ratio Lower Upper
43 100
74 19.3 14.9 22.3



#16
Methylene chloride
Concen: 5.152 ug/L
RT: 2.503 min Scan# 455
Delta R.T. -0.010 min
Lab File: VV028707.D
Acq: 26 Oct 2022 20:57

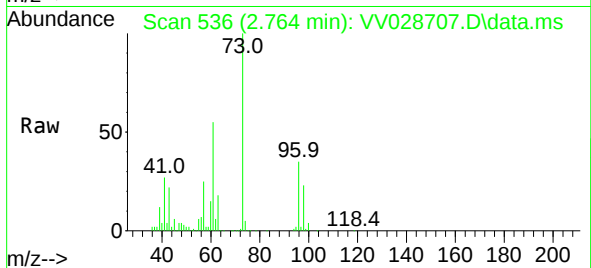
Tgt Ion: 84 Resp: 73129
Ion Ratio Lower Upper
84 100
86 67.3 44.4 82.4
49 143.6 110.8 205.8



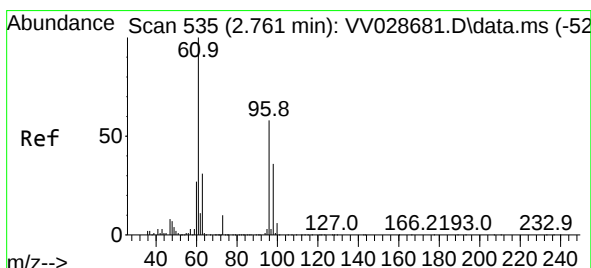
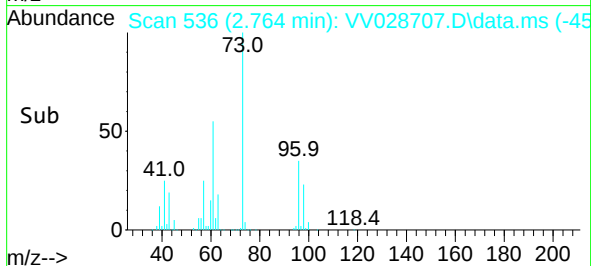
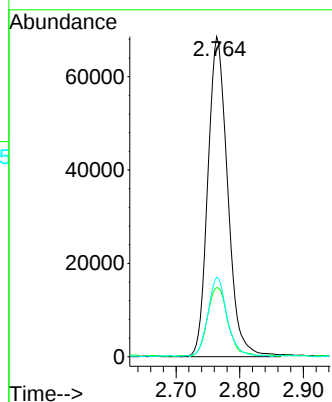


#17
Methyl tert-butyl Ether
Concen: 5.501 ug/L
RT: 2.764 min Scan# 51
Delta R.T. -0.026 min
Lab File: VV028707.D
Acq: 26 Oct 2022 20:57

Instrument :
MSVOA_V
ClientSampleId :

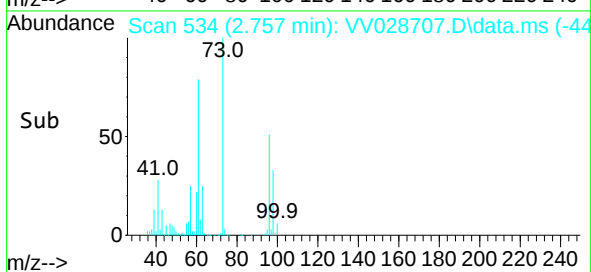
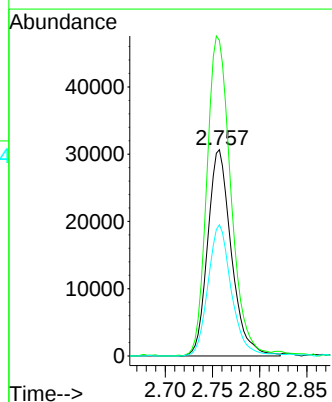
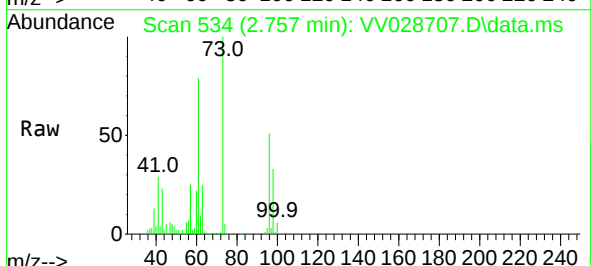


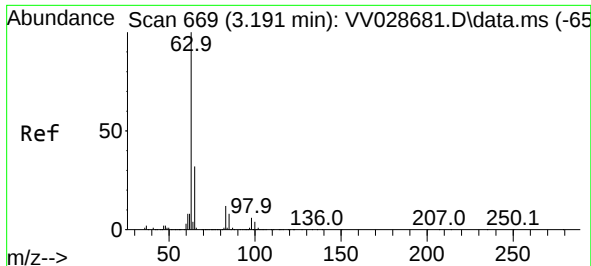
Tgt Ion: 73 Resp: 148527
Ion Ratio Lower Upper
73 100
43 21.6 18.0 27.0
57 23.8 20.0 30.0



#18
trans-1,2-Dichloroethene
Concen: 5.151 ug/L
RT: 2.757 min Scan# 534
Delta R.T. -0.003 min
Lab File: VV028707.D
Acq: 26 Oct 2022 20:57

Tgt Ion: 96 Resp: 53352
Ion Ratio Lower Upper
96 100
61 153.0 114.3 212.3
98 63.6 45.0 83.6





#19

1,1-Dichloroethane

Concen: 5.295 ug/L

RT: 3.185 min Scan# 6

Delta R.T. -0.006 min

Lab File: VV028707.D

Acq: 26 Oct 2022 20:57

Instrument :

MSVOA_V

ClientSampleId :

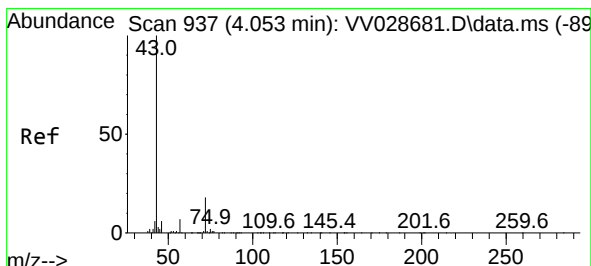
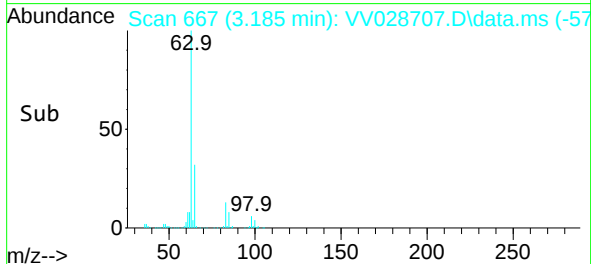
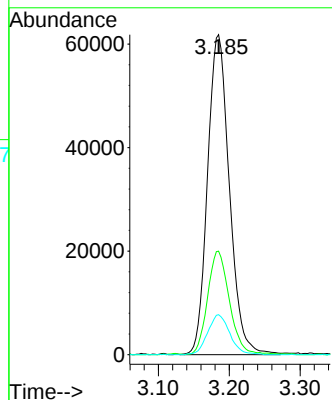
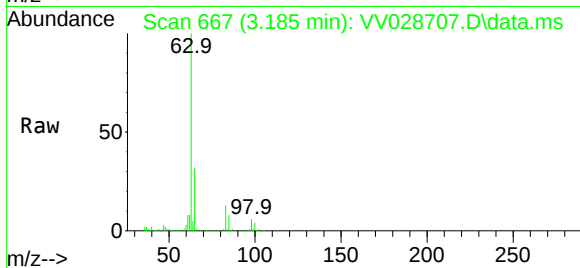
Tgt Ion: 63 Resp: 132381

Ion Ratio Lower Upper

63 100

65 32.4 23.1 42.9

83 12.5 7.9 14.7



#21

2-Butanone

Concen: 64.875 ug/L

RT: 3.982 min Scan# 915

Delta R.T. -0.071 min

Lab File: VV028707.D

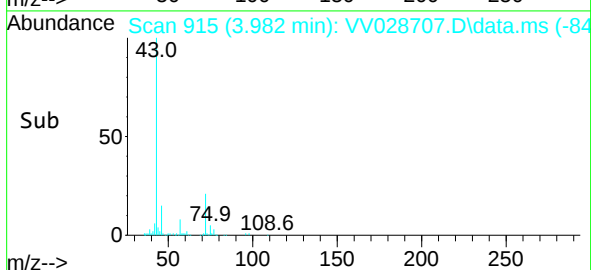
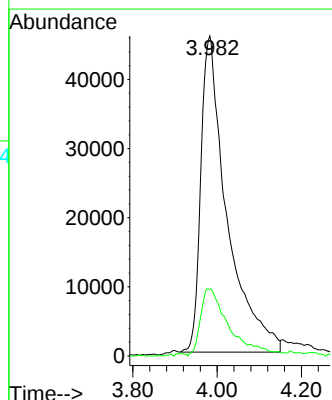
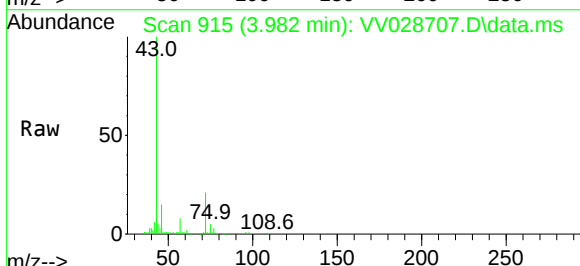
Acq: 26 Oct 2022 20:57

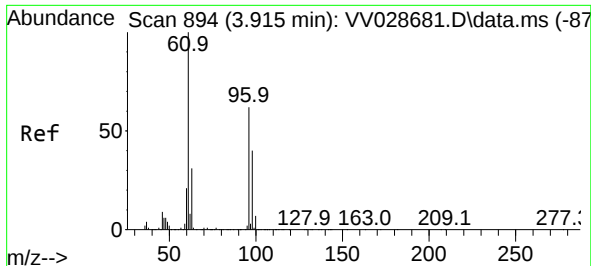
Tgt Ion: 43 Resp: 196543

Ion Ratio Lower Upper

43 100

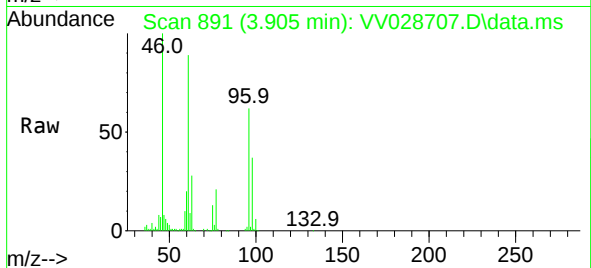
72 21.0 10.2 30.4



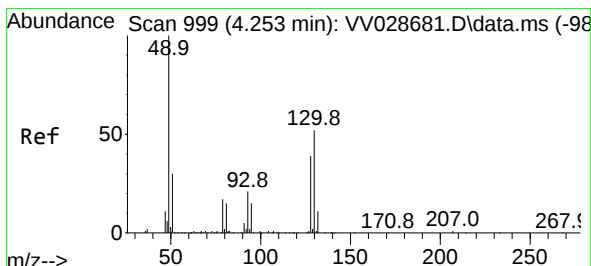
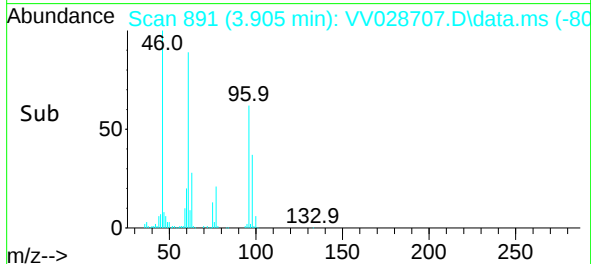
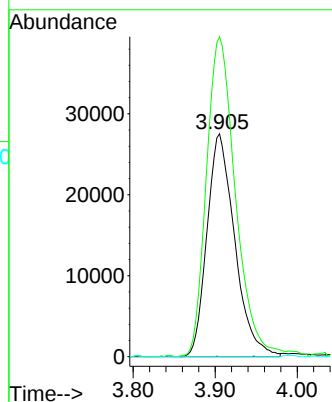


#22
cis-1,2-Dichloroethene
Concen: 5.210 ug/L
RT: 3.905 min Scan# 894
Delta R.T. -0.010 min
Lab File: VV028707.D
Acq: 26 Oct 2022 20:57

Instrument :
MSVOA_V
ClientSampleId :

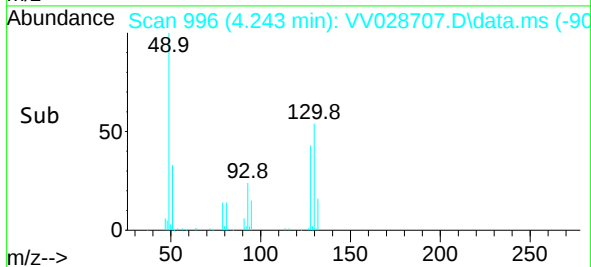
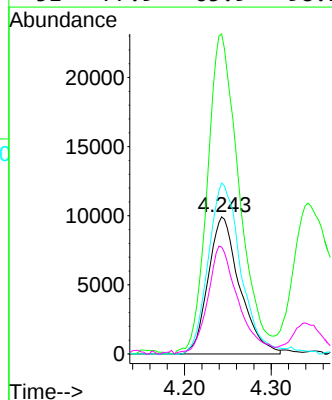
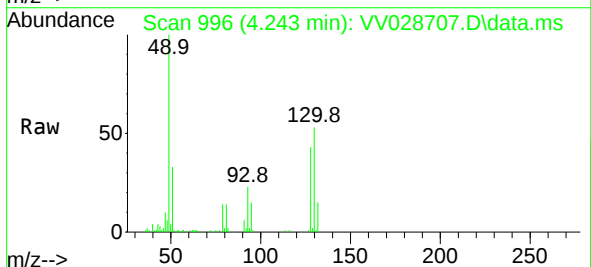


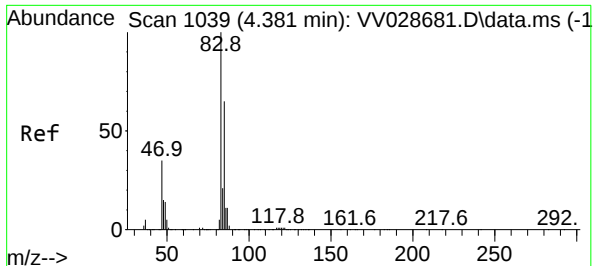
Tgt Ion: 96 Resp: 64701
Ion Ratio Lower Upper
96 100
61 143.6 101.4 188.2
68 0.0 0.5 0.9#



#23
Bromochloromethane
Concen: 5.388 ug/L
RT: 4.243 min Scan# 996
Delta R.T. -0.010 min
Lab File: VV028707.D
Acq: 26 Oct 2022 20:57

Tgt Ion: 128 Resp: 25013
Ion Ratio Lower Upper
128 100
49 233.3 171.1 317.7
130 124.7 86.4 160.4
51 77.9 65.9 98.9





#25

Chloroform

Concen: 5.242 ug/L

RT: 4.368 min Scan# 1035

Delta R.T. -0.013 min

Lab File: VV028707.D

Acq: 26 Oct 2022 20:57

Instrument :

MSVOA_V

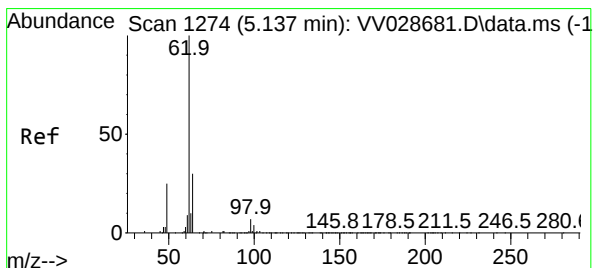
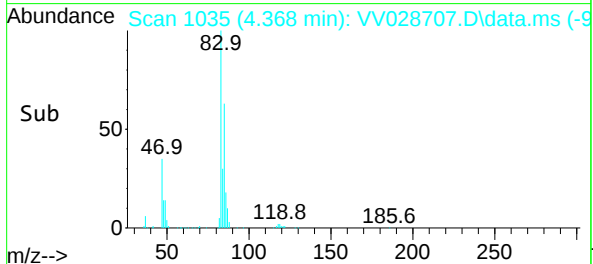
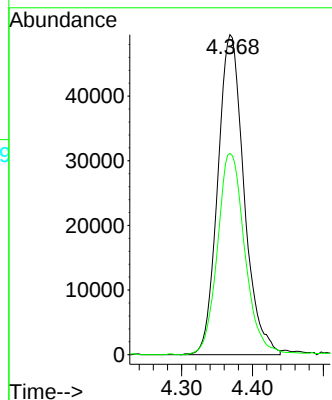
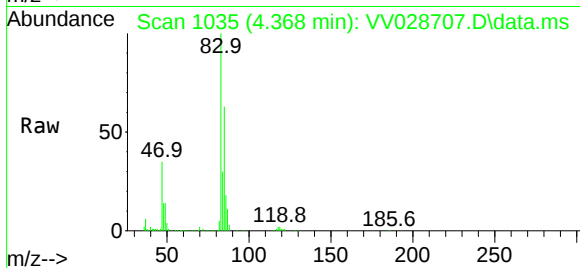
ClientSampleId :

Tgt Ion: 83 Resp: 127471

Ion Ratio Lower Upper

83 100

85 62.9 44.1 81.9



#27

1,2-Dichloroethane

Concen: 5.467 ug/L

RT: 5.127 min Scan# 1271

Delta R.T. -0.010 min

Lab File: VV028707.D

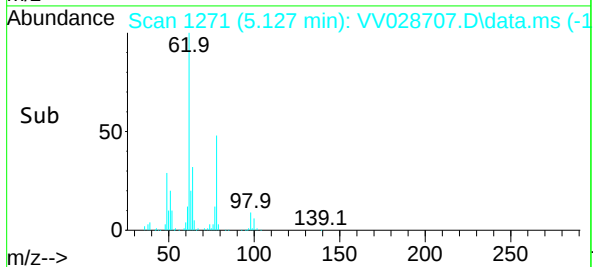
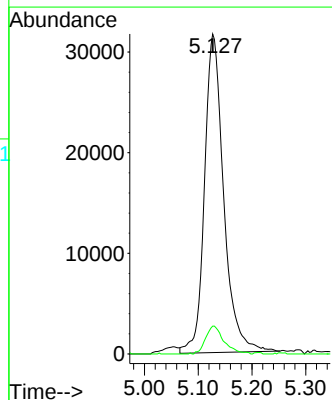
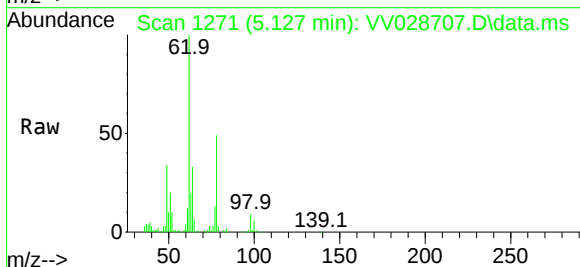
Acq: 26 Oct 2022 20:57

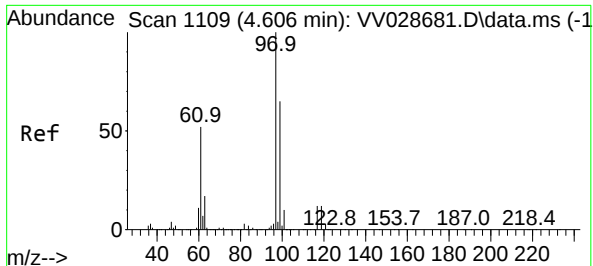
Tgt Ion: 62 Resp: 78573

Ion Ratio Lower Upper

62 100

98 8.7 6.6 9.8





#29

1,1,1-Trichloroethane

Concen: 4.493 ug/L

RT: 4.600 min Scan# 1109

Delta R.T. -0.006 min

Lab File: VV028707.D

Acq: 26 Oct 2022 20:57

Instrument :

MSVOA_V

ClientSampleId :

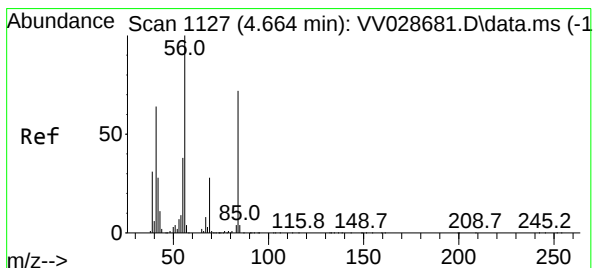
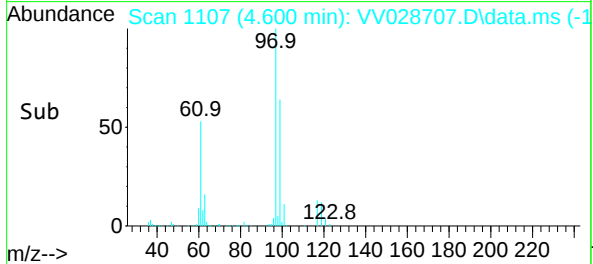
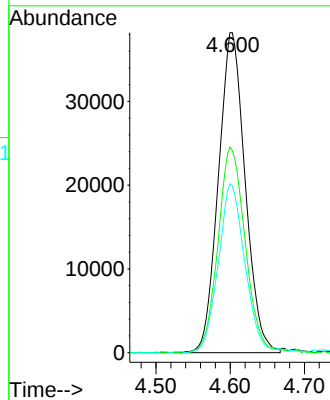
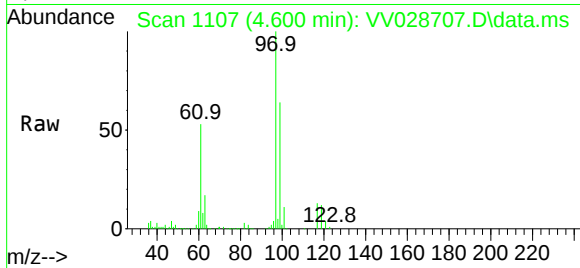
Tgt Ion: 97 Resp: 95755

Ion Ratio Lower Upper

97 100

99 65.0 50.5 75.7

61 52.9 43.1 64.7



#30

Cyclohexane

Concen: 4.436 ug/L

RT: 4.670 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VV028707.D

Acq: 26 Oct 2022 20:57

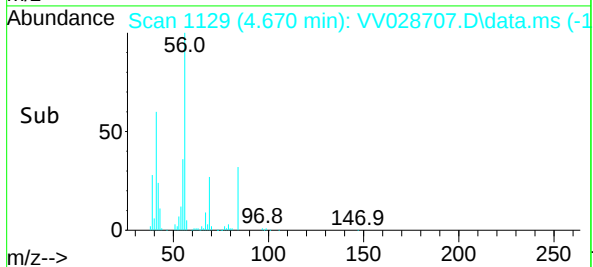
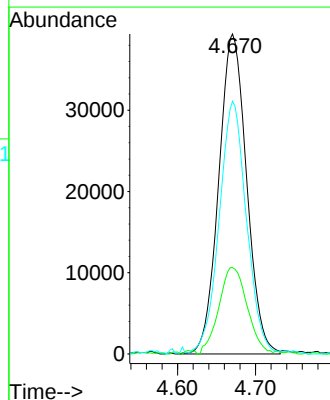
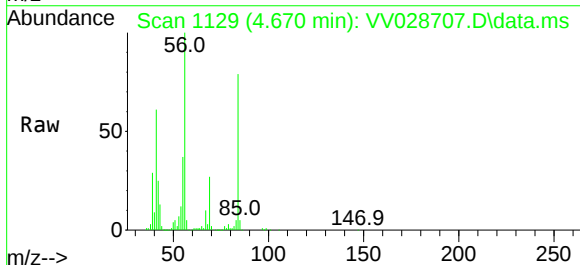
Tgt Ion: 56 Resp: 97953

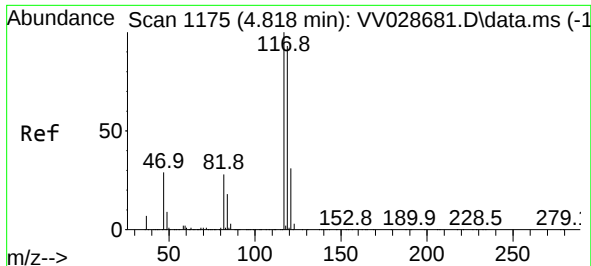
Ion Ratio Lower Upper

56 100

69 27.5 22.6 34.0

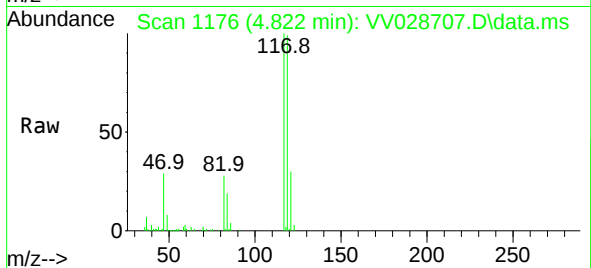
84 76.3 60.4 90.6



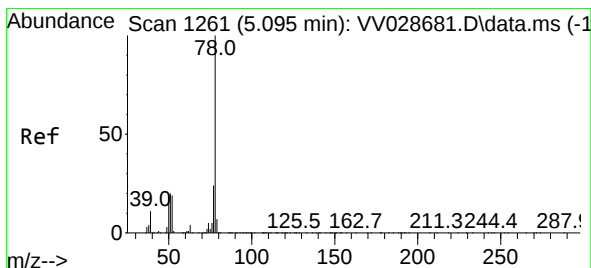
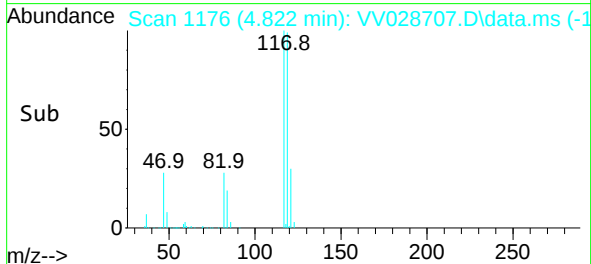
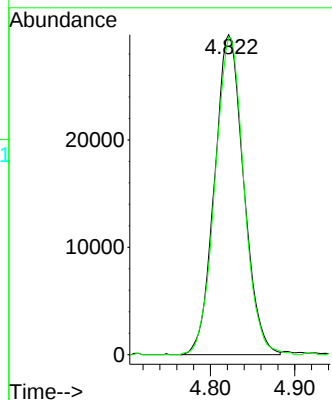


#31
Carbon tetrachloride
Concen: 4.188 ug/L
RT: 4.822 min Scan# 1175
Delta R.T. 0.003 min
Lab File: VV028707.D
Acq: 26 Oct 2022 20:57

Instrument :
MSVOA_V
ClientSampleId :

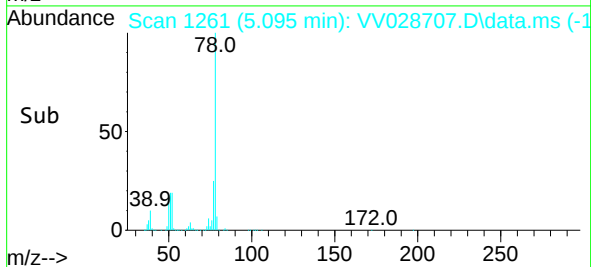
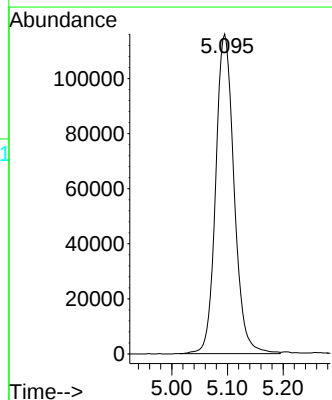
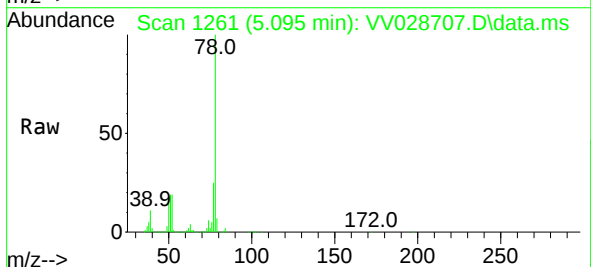


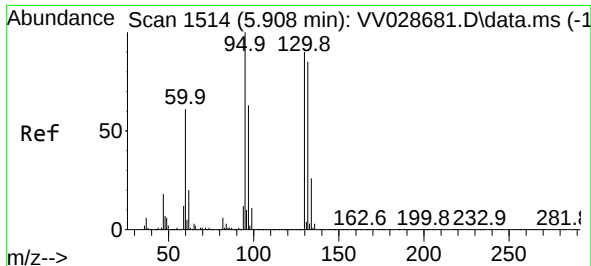
Tgt Ion:117 Resp: 71694
Ion Ratio Lower Upper
117 100
119 98.1 76.1 114.1



#33
Benzene
Concen: 5.028 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. -0.000 min
Lab File: VV028707.D
Acq: 26 Oct 2022 20:57

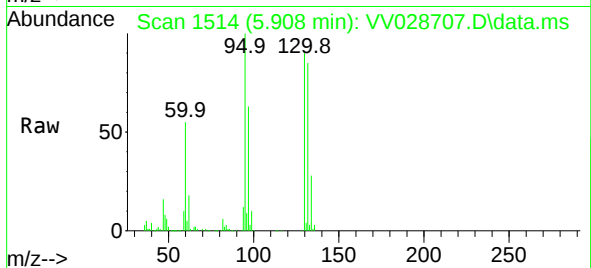
Tgt Ion: 78 Resp: 266261



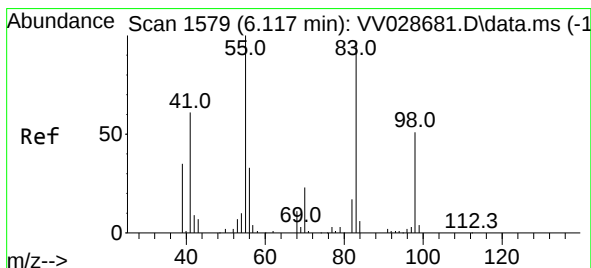
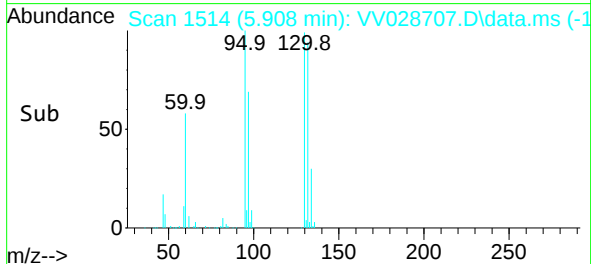
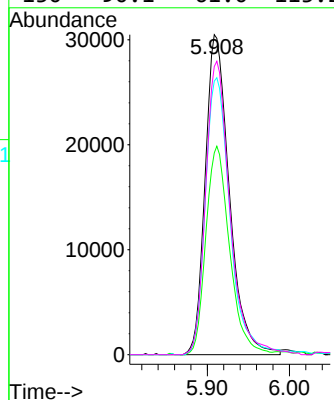


#34
Trichloroethene
Concen: 4.762 ug/L
RT: 5.908 min Scan# 1514
Delta R.T. -0.000 min
Lab File: VV028707.D
Acq: 26 Oct 2022 20:57

Instrument :
MSVOA_V
ClientSampleId :

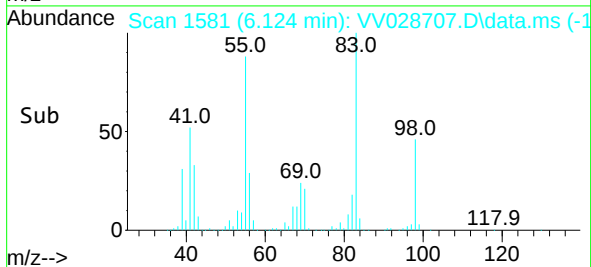
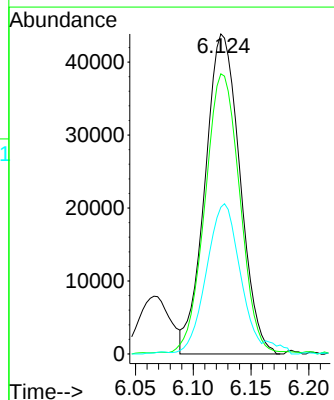
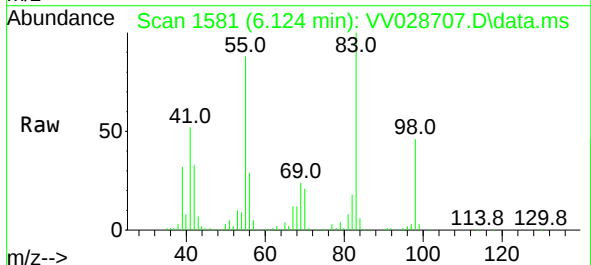


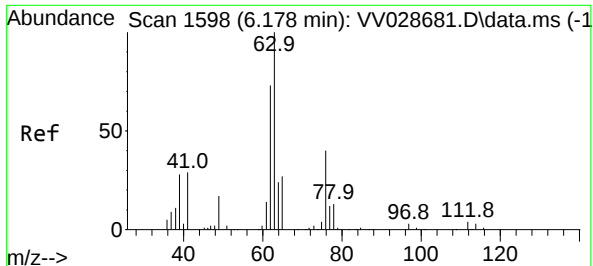
Tgt Ion: 95 Resp: 62472
Ion Ratio Lower Upper
95 100
97 63.1 43.5 80.9
132 85.5 56.5 104.9
130 90.1 61.0 113.2



#35
Methylcyclohexane
Concen: 5.073 ug/L
RT: 6.124 min Scan# 1581
Delta R.T. 0.006 min
Lab File: VV028707.D
Acq: 26 Oct 2022 20:57

Tgt Ion: 83 Resp: 91926
Ion Ratio Lower Upper
83 100
55 86.9 70.0 105.0
98 47.1 35.6 53.4





#37

1,2-Dichloropropane

Concen: 5.689 ug/L

RT: 6.169 min Scan# 11

Delta R.T. -0.010 min

Lab File: VV028707.D

Acq: 26 Oct 2022 20:57

Instrument :

MSVOA_V

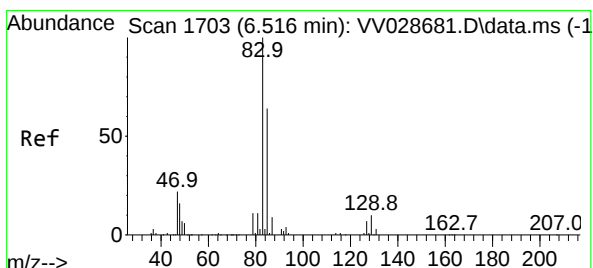
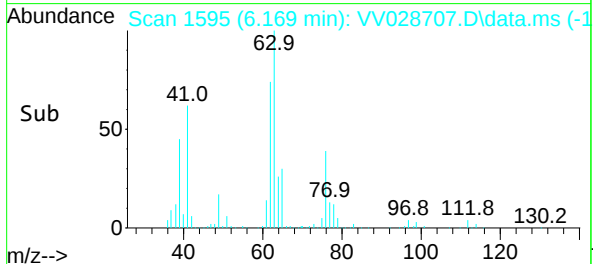
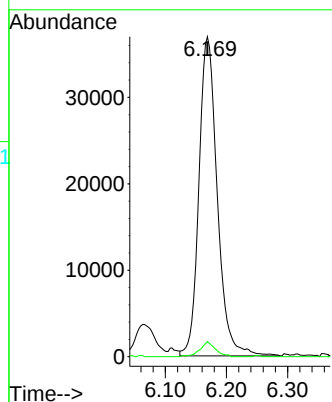
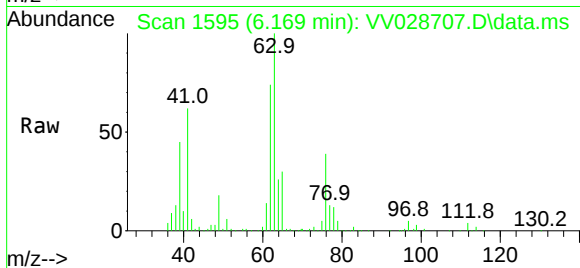
ClientSampleId :

Tgt Ion: 63 Resp: 76967

Ion Ratio Lower Upper

63 100

112 4.0 3.4 5.2



#38

Bromodichloromethane

Concen: 5.190 ug/L

RT: 6.506 min Scan# 1700

Delta R.T. -0.010 min

Lab File: VV028707.D

Acq: 26 Oct 2022 20:57

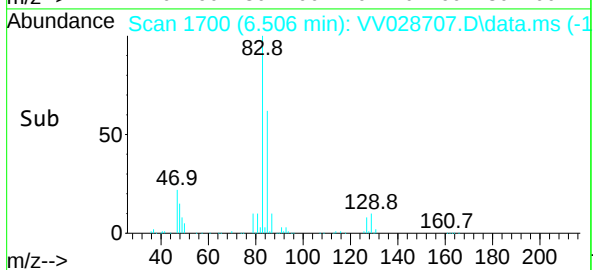
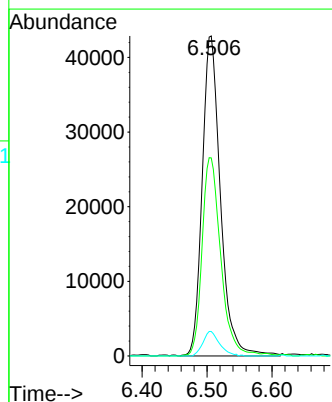
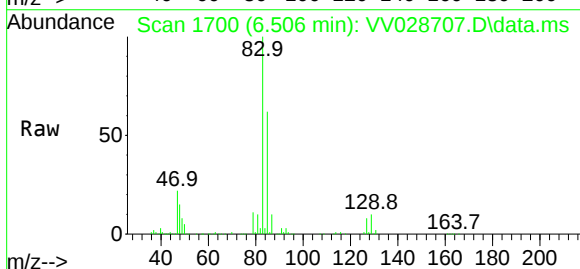
Tgt Ion: 83 Resp: 83958

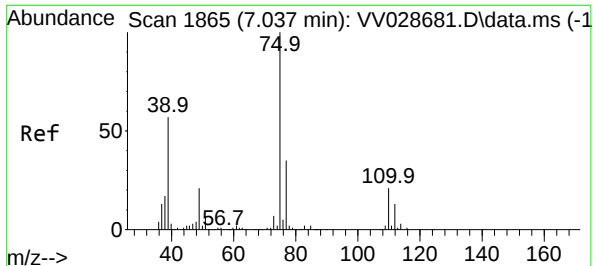
Ion Ratio Lower Upper

83 100

85 61.9 45.1 83.9

127 7.6 5.7 8.5





#39

cis-1,3-Dichloropropene

Concen: 5.428 ug/L

RT: 7.024 min Scan# 11

Delta R.T. -0.013 min

Lab File: VV028707.D

Acq: 26 Oct 2022 20:57

Instrument :

MSVOA_V

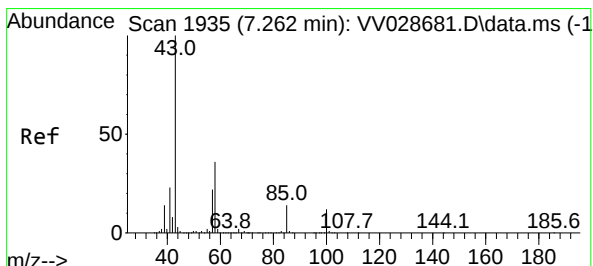
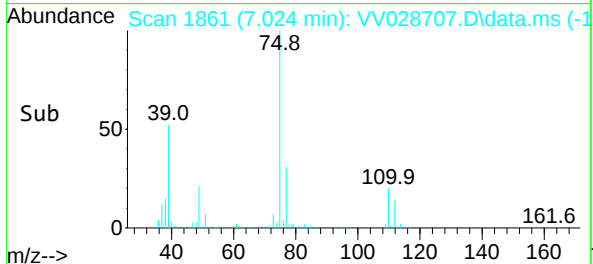
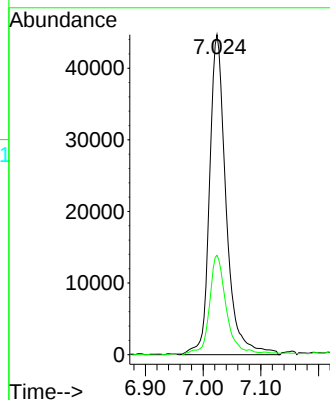
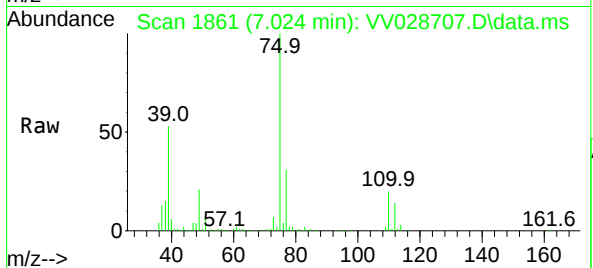
ClientSampleId :

Tgt Ion: 75 Resp: 89024

Ion Ratio Lower Upper

75 100

77 31.1 22.1 41.1



#40

4-Methyl-2-pentanone

Concen: 64.061 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. -0.039 min

Lab File: VV028707.D

Acq: 26 Oct 2022 20:57

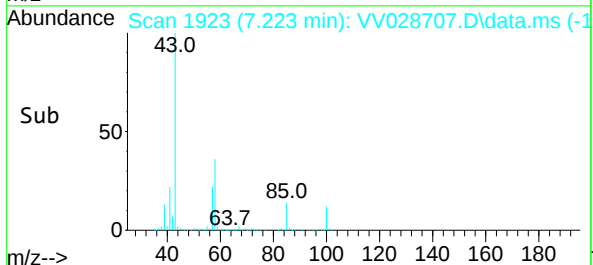
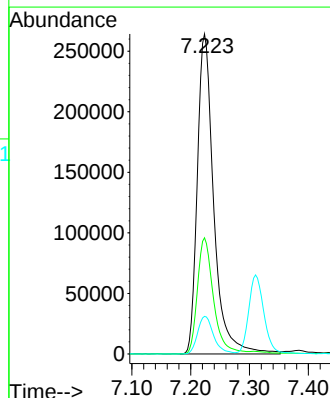
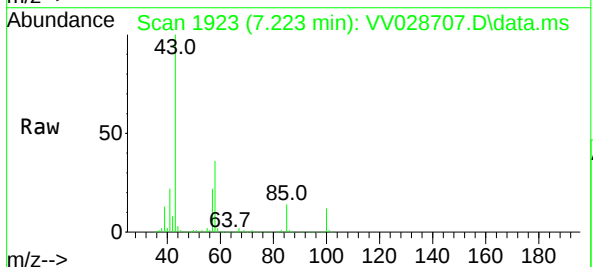
Tgt Ion: 43 Resp: 513166

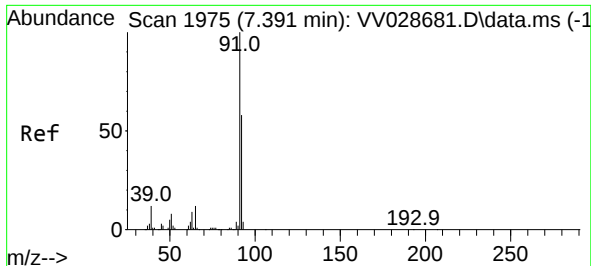
Ion Ratio Lower Upper

43 100

58 35.4 29.6 44.4

100 11.5 9.4 14.0

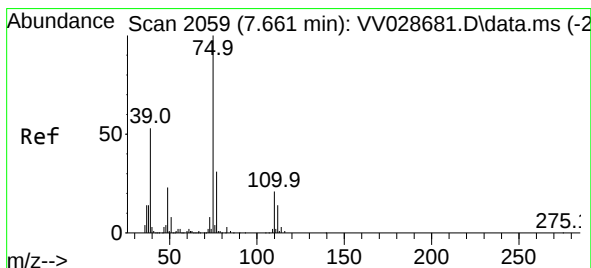
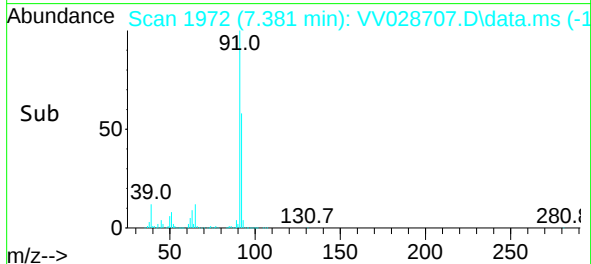
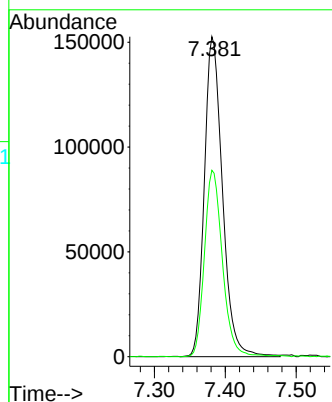
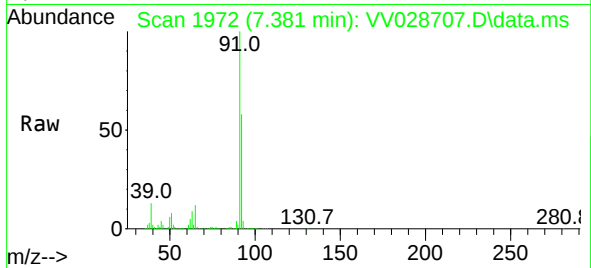




#42
Toluene
Concen: 5.396 ug/L
RT: 7.381 min Scan# 1975
Delta R.T. -0.010 min
Lab File: VV028707.D
Acq: 26 Oct 2022 20:57

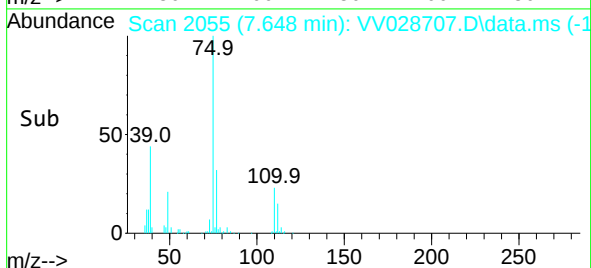
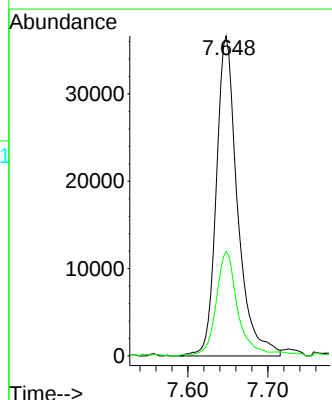
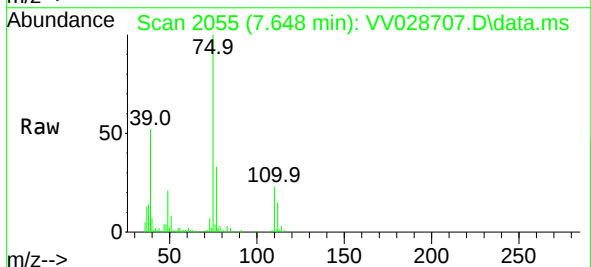
Instrument :
MSVOA_V
ClientSampleId :

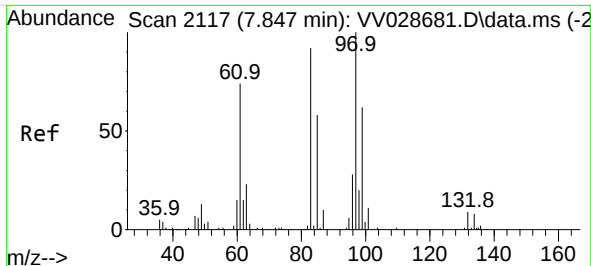
Tgt Ion: 91 Resp: 270922
Ion Ratio Lower Upper
91 100
92 58.3 40.5 75.3



#44
trans-1,3-Dichloropropene
Concen: 5.097 ug/L
RT: 7.648 min Scan# 2055
Delta R.T. -0.013 min
Lab File: VV028707.D
Acq: 26 Oct 2022 20:57

Tgt Ion: 75 Resp: 67377
Ion Ratio Lower Upper
75 100
77 32.6 22.6 42.0





#45

1,1,2-Trichloroethane

Concen: 5.667 ug/L

RT: 7.834 min Scan# 2113

Delta R.T. -0.013 min

Lab File: VV028707.D

Acq: 26 Oct 2022 20:57

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 47130

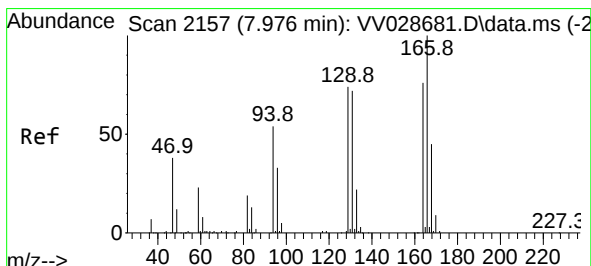
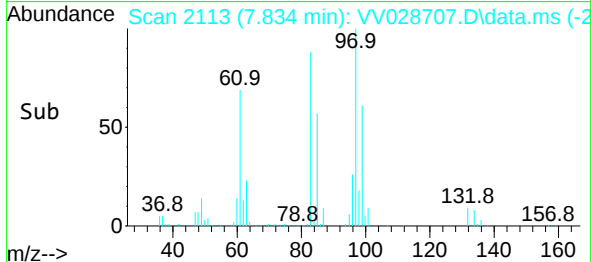
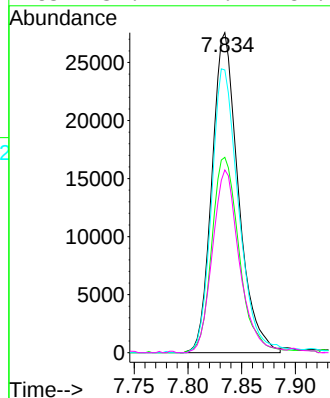
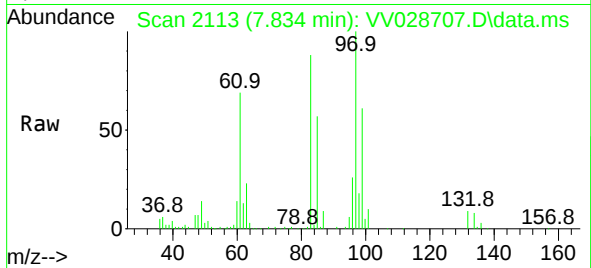
Ion Ratio Lower Upper

97 100

99 61.1 44.0 81.6

83 88.3 66.2 123.0

85 57.1 44.2 82.0



#47

Tetrachloroethene

Concen: 5.002 ug/L

RT: 7.969 min Scan# 2155

Delta R.T. -0.006 min

Lab File: VV028707.D

Acq: 26 Oct 2022 20:57

Tgt Ion:164 Resp: 40277

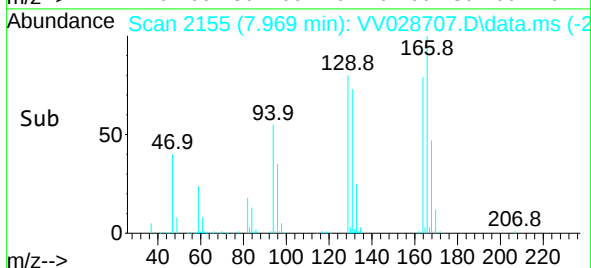
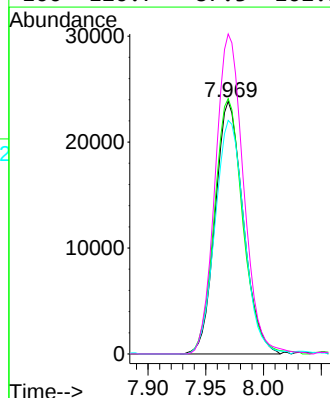
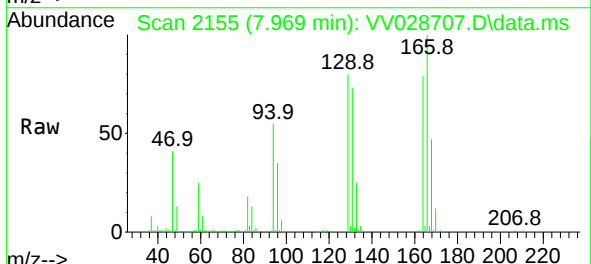
Ion Ratio Lower Upper

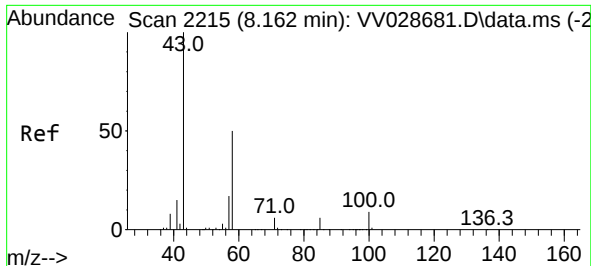
164 100

129 101.1 69.2 128.6

131 92.5 64.2 119.2

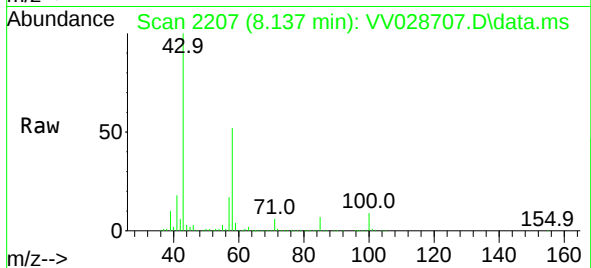
166 126.7 87.3 162.1



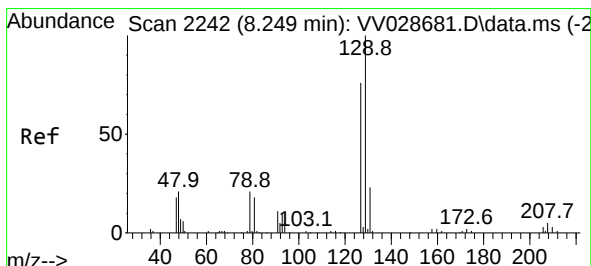
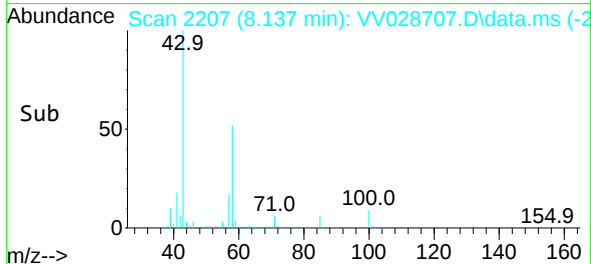
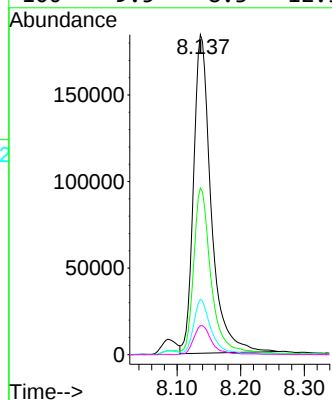


#48
2-Hexanone
Concen: 62.279 ug/L
RT: 8.137 min Scan# 21
Delta R.T. -0.026 min
Lab File: VV028707.D
Acq: 26 Oct 2022 20:57

Instrument :
MSVOA_V
ClientSampleId :

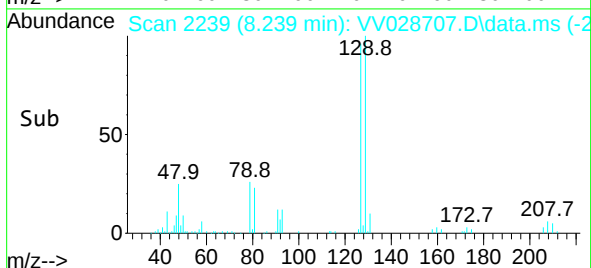
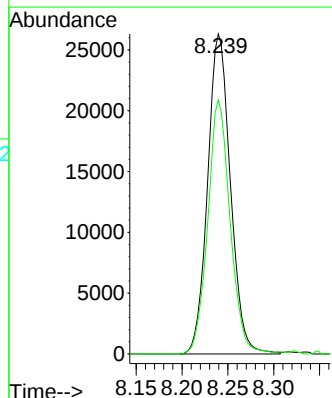
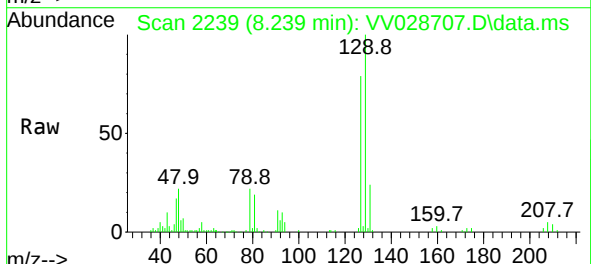


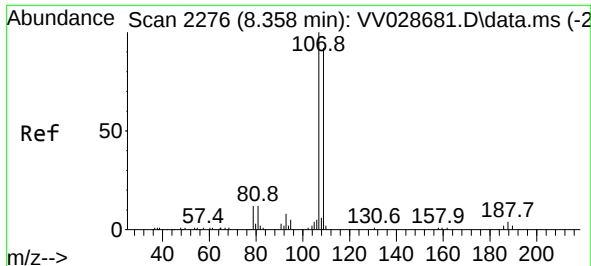
Tgt Ion: 43	Resp: 352996
Ion Ratio	Lower Upper
43 100	
58 51.5	40.6 60.8
57 17.0	13.8 20.8
100 9.5	8.3 12.5



#49
Dibromochloromethane
Concen: 5.222 ug/L
RT: 8.239 min Scan# 2239
Delta R.T. -0.010 min
Lab File: VV028707.D
Acq: 26 Oct 2022 20:57

Tgt Ion:129	Resp:	45490	
Ion	Ratio	Lower	Upper
129	100		
127	79.4	51.6	95.8





#50

1,2-Dibromoethane

Concen: 5.477 ug/L

RT: 8.349 min Scan# 21

Delta R.T. -0.010 min

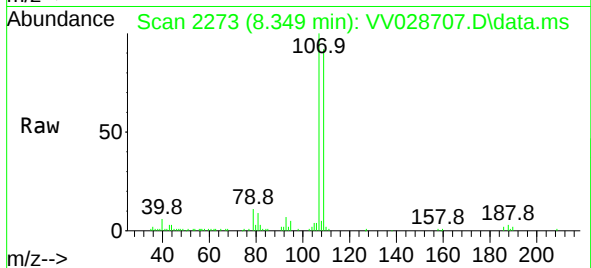
Lab File: VV028707.D

Acq: 26 Oct 2022 20:57

Instrument :

MSVOA_V

ClientSampleId :



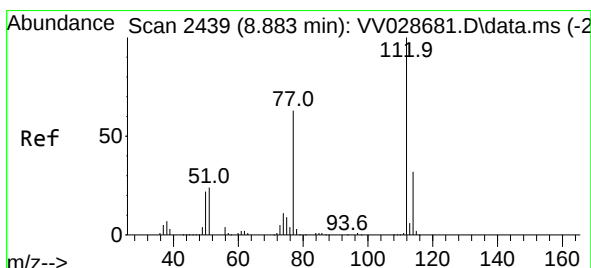
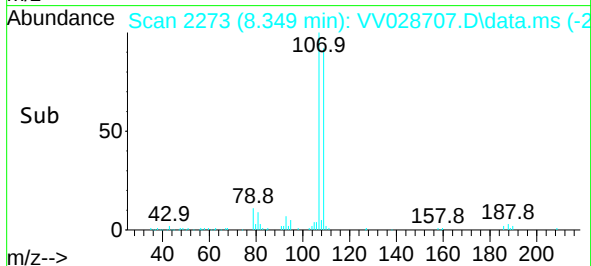
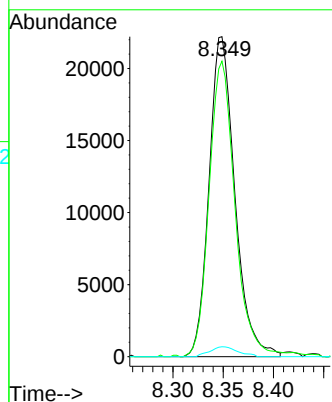
Tgt Ion:107 Resp: 39650

Ion Ratio Lower Upper

107 100

109 92.4 64.0 118.8

188 3.1 2.9 4.3



#51

Chlorobenzene

Concen: 5.437 ug/L

RT: 8.876 min Scan# 2437

Delta R.T. -0.006 min

Lab File: VV028707.D

Acq: 26 Oct 2022 20:57

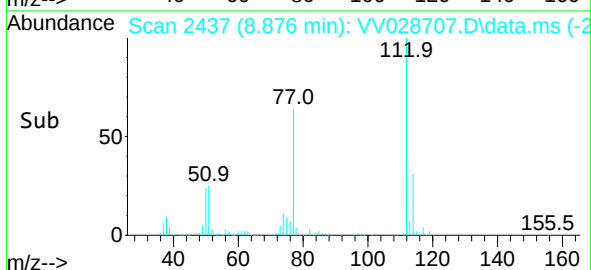
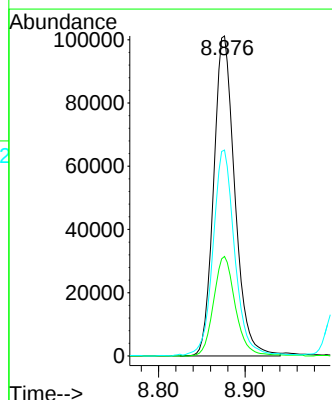
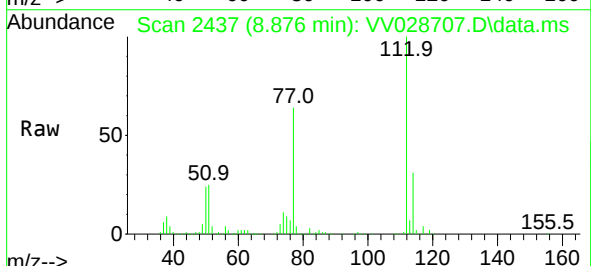
Tgt Ion:112 Resp: 171887

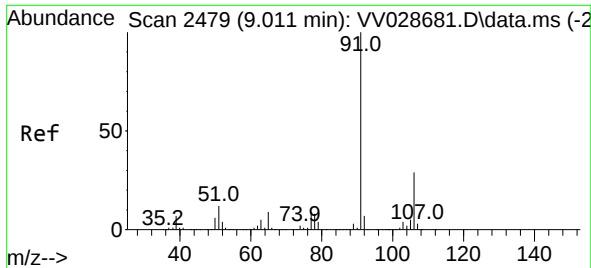
Ion Ratio Lower Upper

112 100

114 31.1 22.0 41.0

77 64.3 50.0 75.0

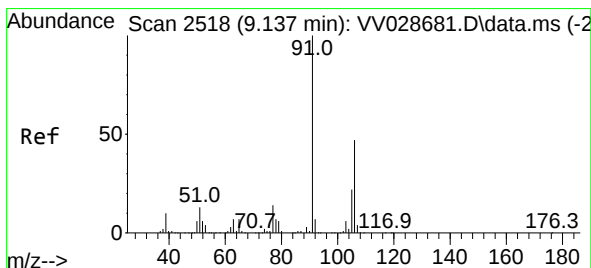
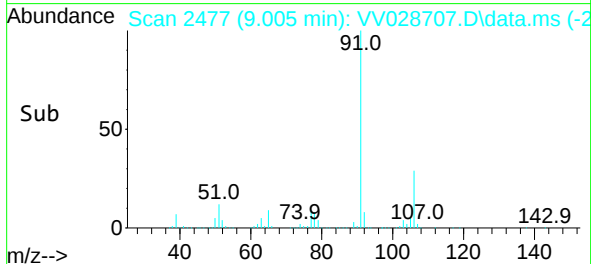
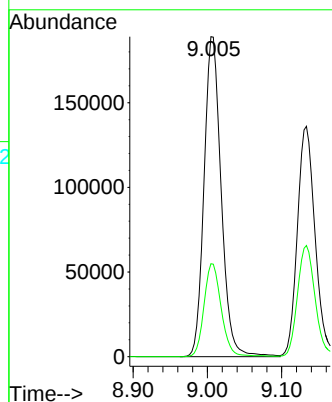
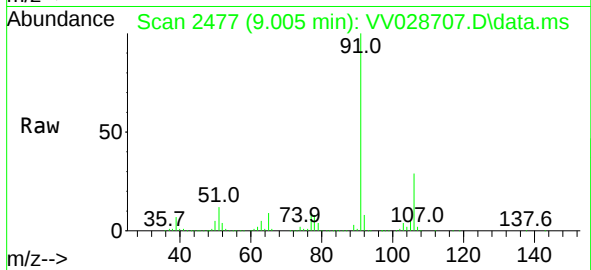




#52
Ethylbenzene
Concen: 5.425 ug/L
RT: 9.005 min Scan# 2479
Delta R.T. -0.006 min
Lab File: VV028707.D
Acq: 26 Oct 2022 20:57

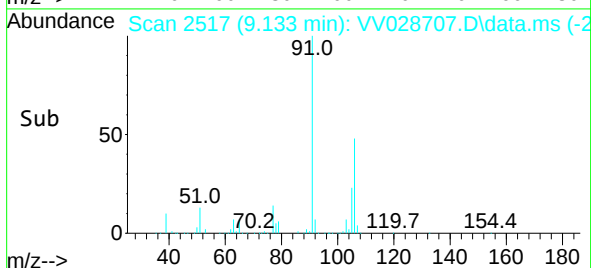
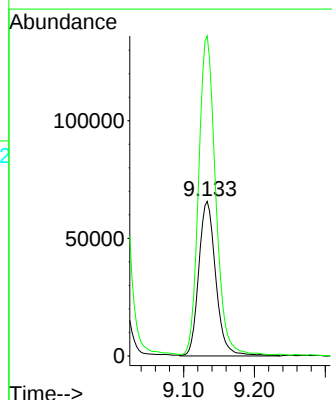
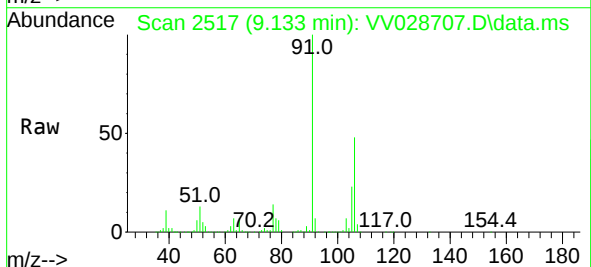
Instrument :
MSVOA_V
ClientSampleId :

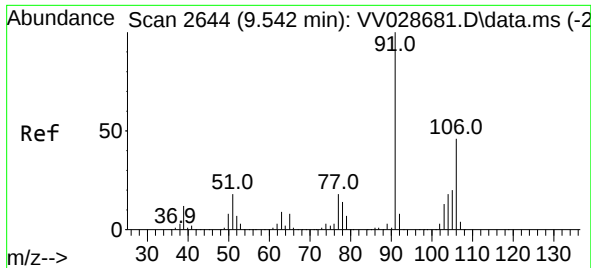
Tgt Ion: 91 Resp: 302701
Ion Ratio Lower Upper
91 100
106 29.1 21.3 39.6



#53
m,p-Xylene
Concen: 5.458 ug/L
RT: 9.133 min Scan# 2517
Delta R.T. -0.003 min
Lab File: VV028707.D
Acq: 26 Oct 2022 20:57

Tgt Ion: 106 Resp: 109971
Ion Ratio Lower Upper
106 100
91 207.0 145.5 270.1

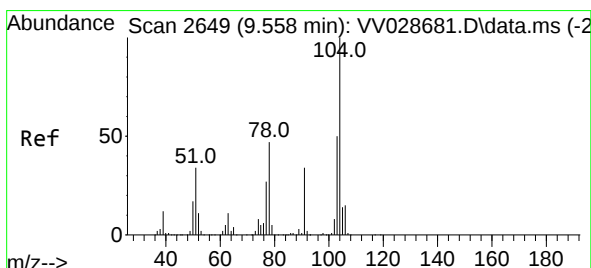
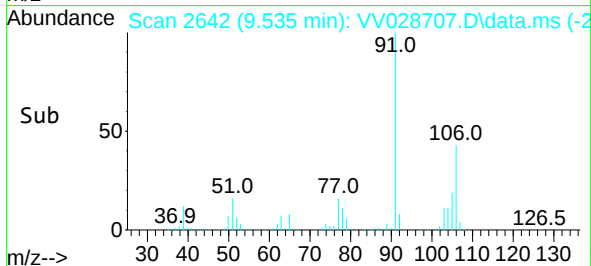
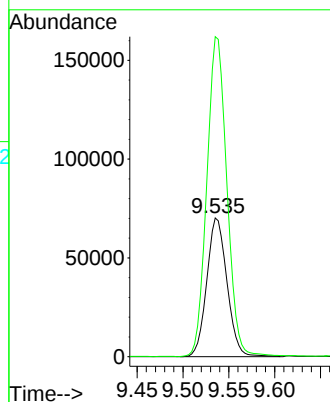
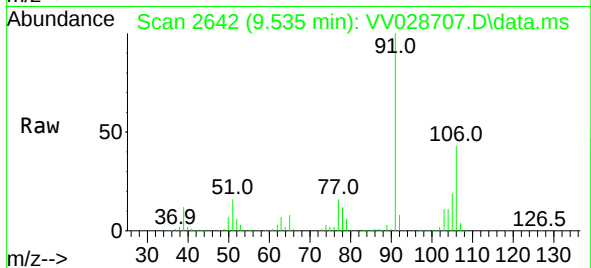




#54
o-Xylene
Concen: 5.311 ug/L
RT: 9.535 min Scan# 20
Delta R.T. -0.006 min
Lab File: VV028707.D
Acq: 26 Oct 2022 20:57

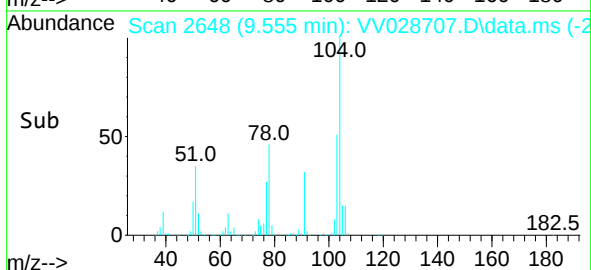
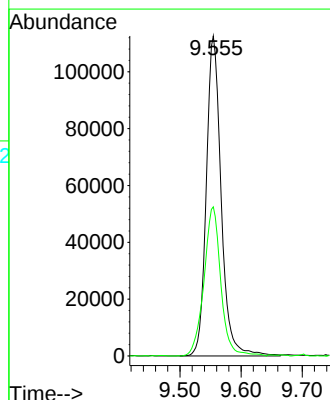
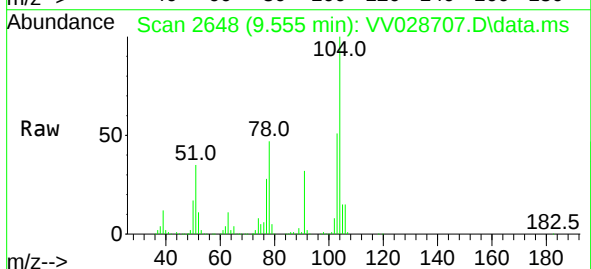
Instrument :
MSVOA_V
ClientSampleId :

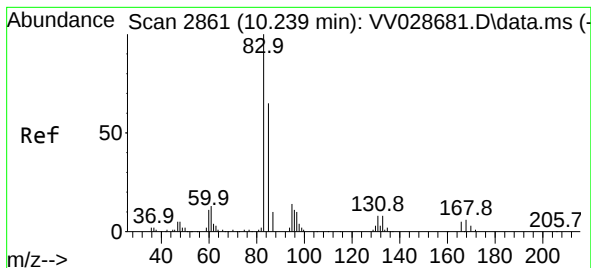
Tgt Ion:106 Resp: 107653
Ion Ratio Lower Upper
106 100
91 230.7 159.0 295.4



#55
Styrene
Concen: 5.578 ug/L
RT: 9.555 min Scan# 2648
Delta R.T. -0.003 min
Lab File: VV028707.D
Acq: 26 Oct 2022 20:57

Tgt Ion:104 Resp: 190649
Ion Ratio Lower Upper
104 100
78 46.6 32.8 61.0

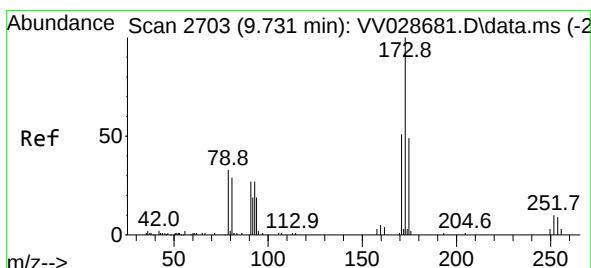
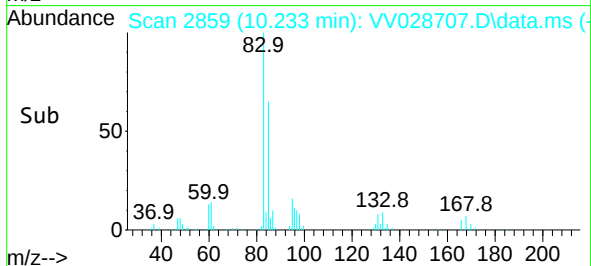
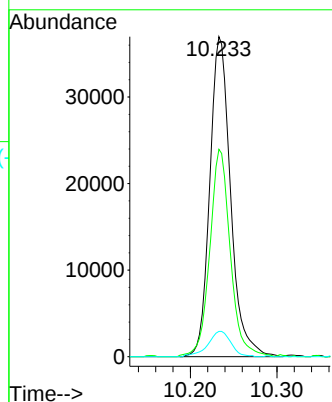
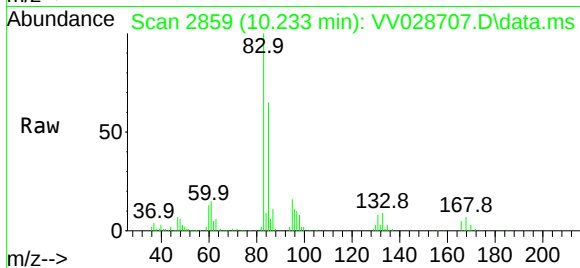




#57
 1,1,2,2-Tetrachloroethane
 Concen: 5.906 ug/L
 RT: 10.233 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VV028707.D
 Acq: 26 Oct 2022 20:57

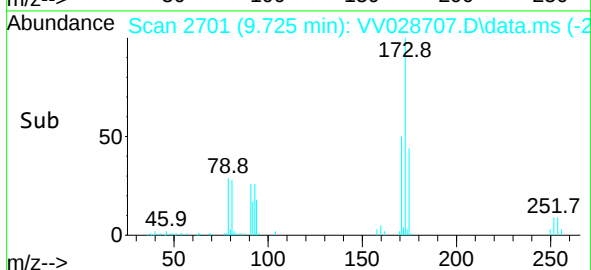
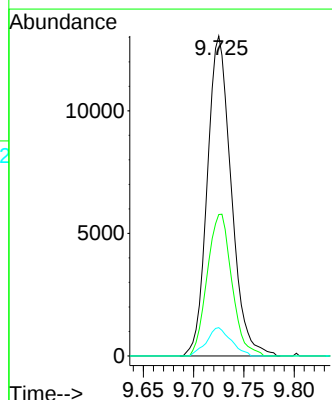
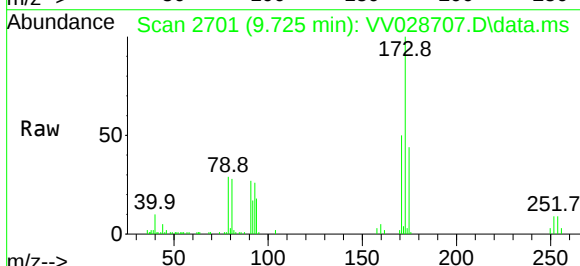
Instrument :
 MSVOA_V
 ClientSampleId :

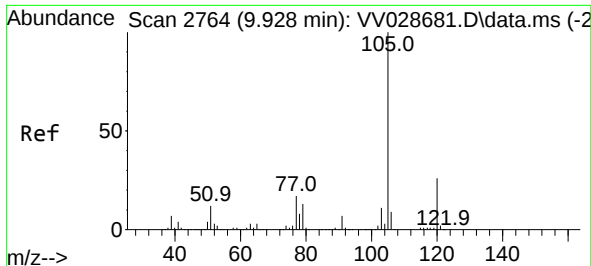
Tgt Ion: 83 Resp: 61595
 Ion Ratio Lower Upper
 83 100
 85 64.8 43.0 80.0
 131 7.9 6.5 9.7



#59
 Bromoform
 Concen: 5.092 ug/L
 RT: 9.725 min Scan# 2701
 Delta R.T. -0.006 min
 Lab File: VV028707.D
 Acq: 26 Oct 2022 20:57

Tgt Ion: 173 Resp: 21633
 Ion Ratio Lower Upper
 173 100
 175 45.5 39.8 59.8
 254 9.0 7.3 10.9

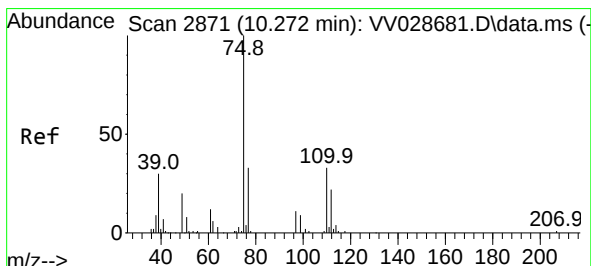
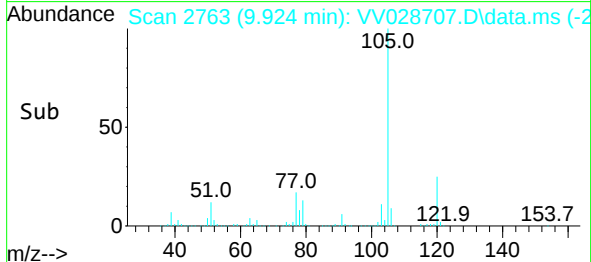
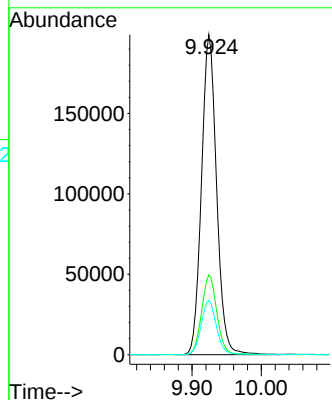
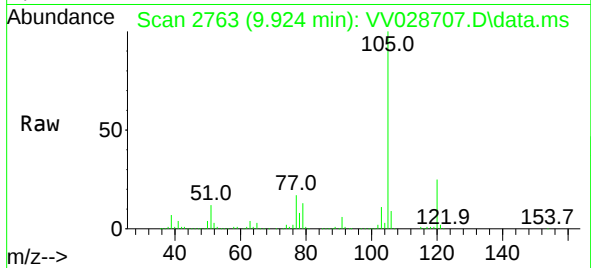




#60
Isopropylbenzene
Concen: 5.522 ug/L
RT: 9.924 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV028707.D
Acq: 26 Oct 2022 20:57

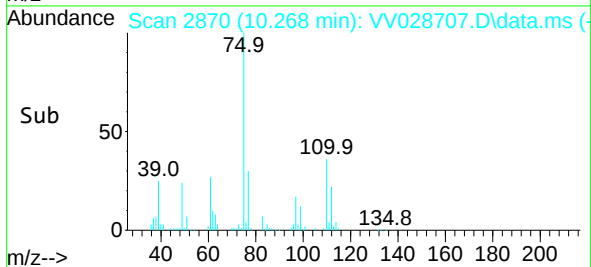
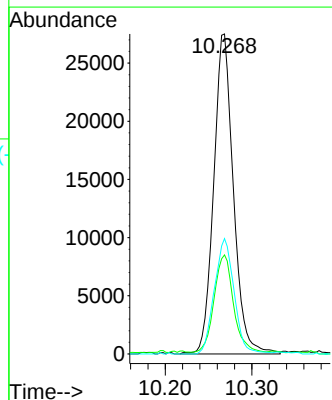
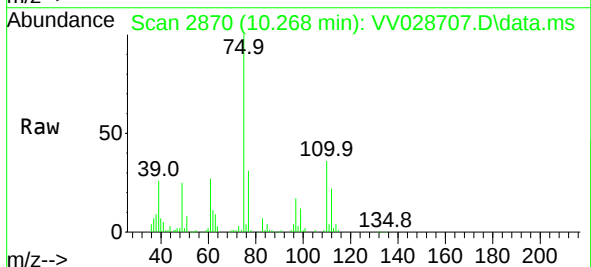
Instrument :
MSVOA_V
ClientSampleId :

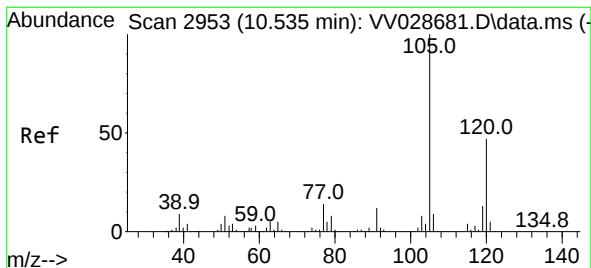
Tgt Ion:105 Resp: 300660
Ion Ratio Lower Upper
105 100
120 25.1 20.1 30.1
77 17.2 13.4 20.0



#61
1,2,3-Trichloropropane
Concen: 5.863 ug/L
RT: 10.268 min Scan# 2870
Delta R.T. -0.003 min
Lab File: VV028707.D
Acq: 26 Oct 2022 20:57

Tgt Ion: 75 Resp: 43560
Ion Ratio Lower Upper
75 100
77 29.7 25.2 37.8
110 36.1 27.9 41.9





#62

1,3,5-Trimethylbenzene

Concen: 5.351 ug/L

RT: 10.532 min Scan# 2953

Delta R.T. -0.003 min

Lab File: VV028707.D

Acq: 26 Oct 2022 20:57

Instrument :

MSVOA_V

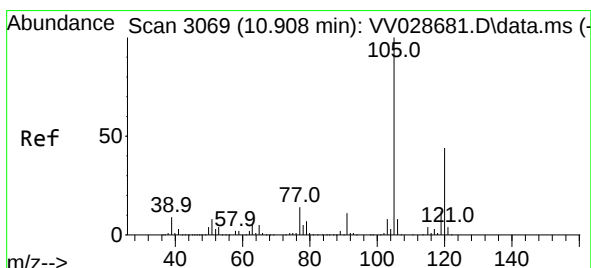
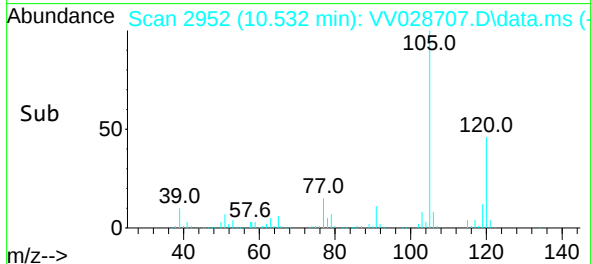
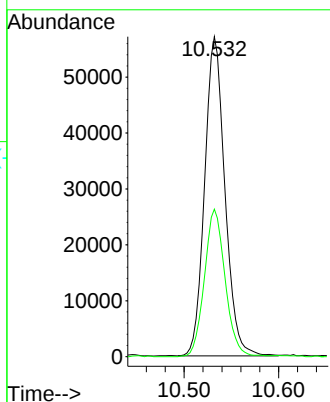
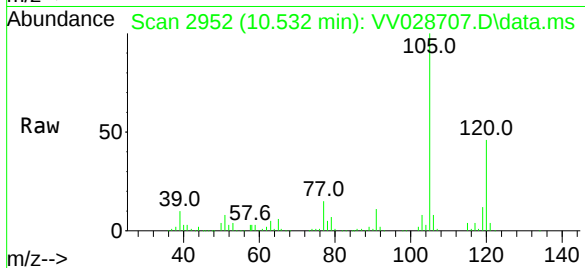
ClientSampleId :

Tgt Ion:105 Resp: 84995

Ion Ratio Lower Upper

105 100

120 47.2 38.3 57.5



#63

1,2,4-Trimethylbenzene

Concen: 5.484 ug/L

RT: 10.908 min Scan# 3069

Delta R.T. -0.000 min

Lab File: VV028707.D

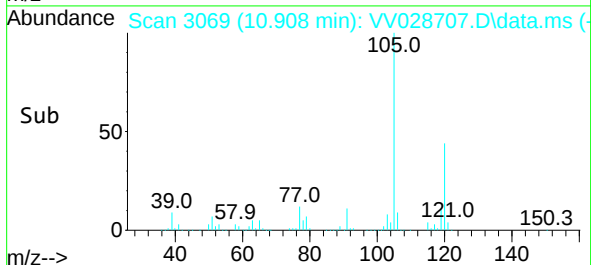
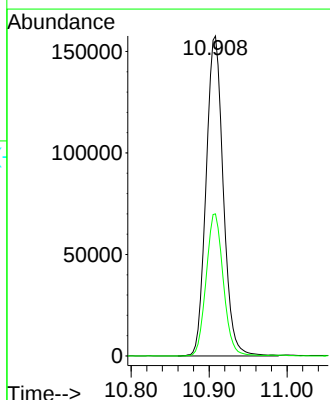
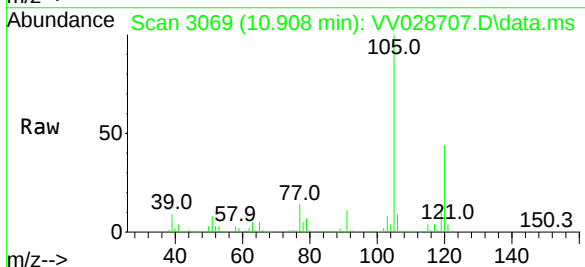
Acq: 26 Oct 2022 20:57

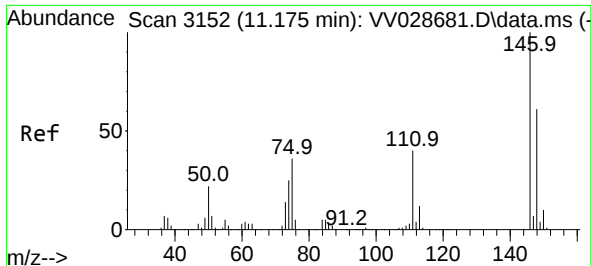
Tgt Ion:105 Resp: 241247

Ion Ratio Lower Upper

105 100

120 44.5 36.2 54.2

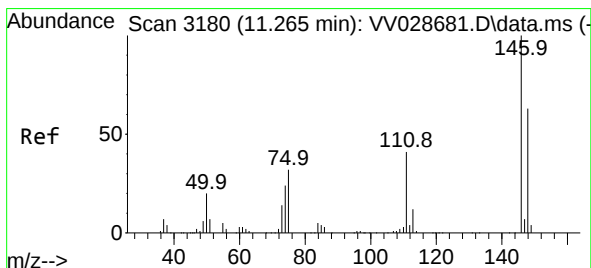
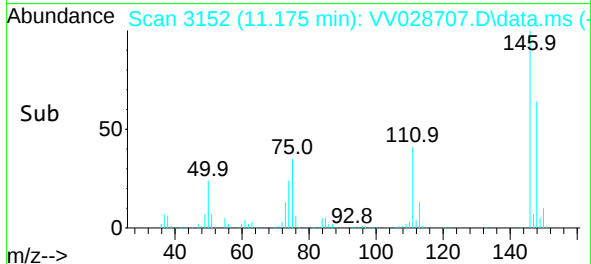
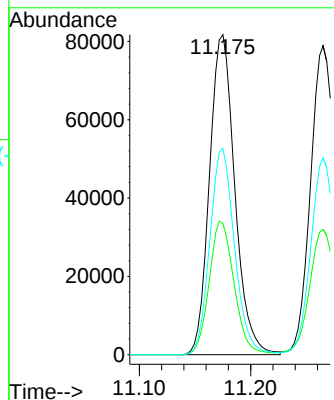
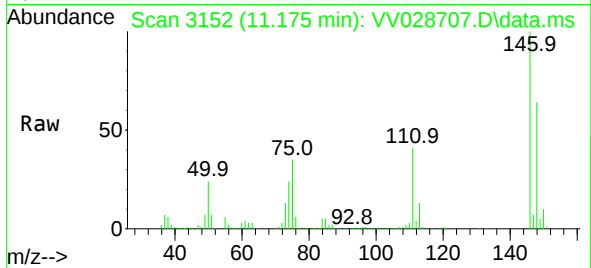




#64
1,3-Dichlorobenzene
Concen: 5.507 ug/L
RT: 11.175 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VV028707.D
Acq: 26 Oct 2022 20:57

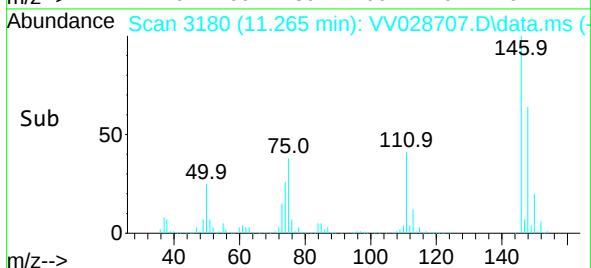
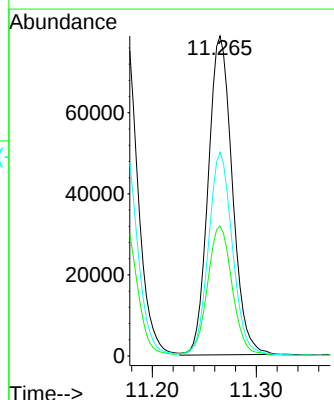
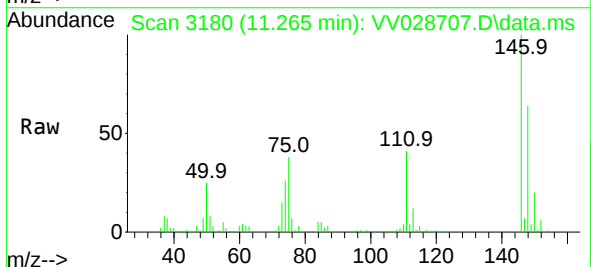
Instrument :
MSVOA_V
ClientSampleId :

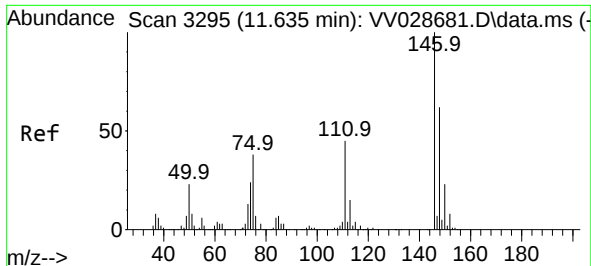
Tgt Ion:146 Resp: 129173
Ion Ratio Lower Upper
146 100
111 41.0 29.0 53.9
148 64.5 44.5 82.7



#65
1,4-Dichlorobenzene
Concen: 5.413 ug/L
RT: 11.265 min Scan# 3180
Delta R.T. -0.000 min
Lab File: VV028707.D
Acq: 26 Oct 2022 20:57

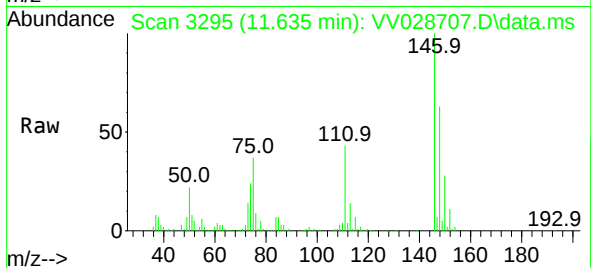
Tgt Ion:146 Resp: 126661
Ion Ratio Lower Upper
146 100
111 40.6 28.6 53.2
148 63.7 44.3 82.3



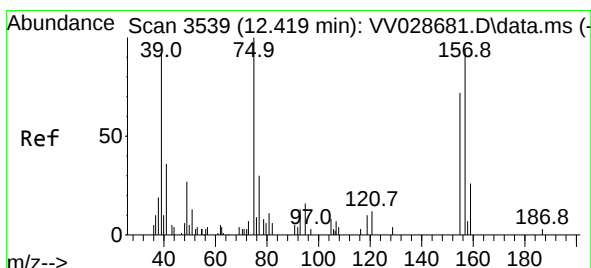
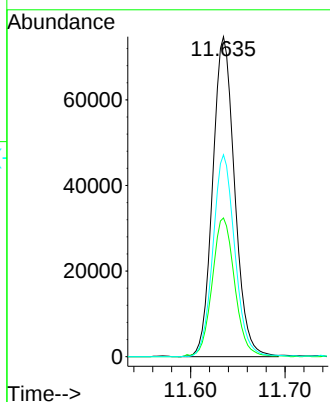
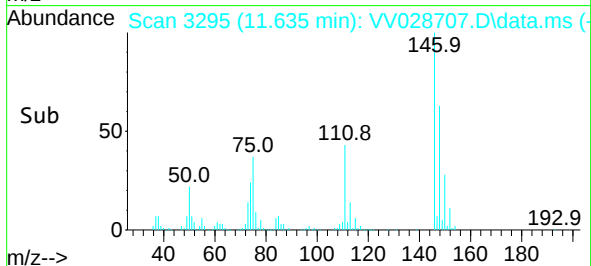


#67
1,2-Dichlorobenzene
Concen: 5.632 ug/L
RT: 11.635 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV028707.D
Acq: 26 Oct 2022 20:57

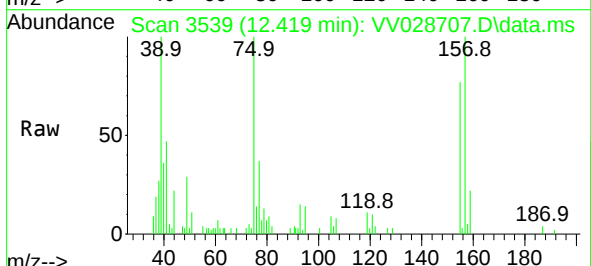
Instrument :
MSVOA_V
ClientSampleId :



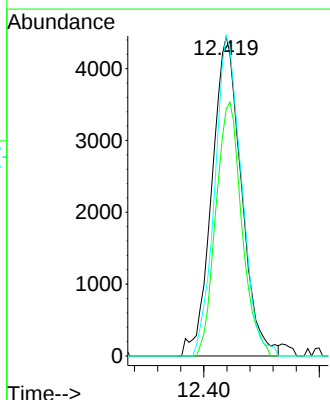
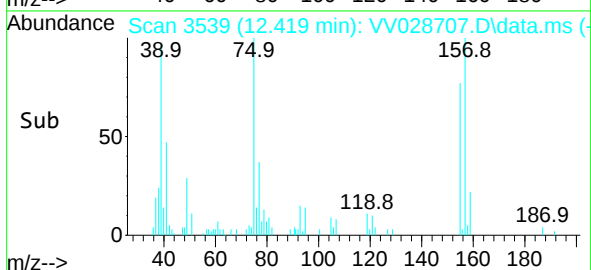
Tgt Ion:146 Resp: 120788
Ion Ratio Lower Upper
146 100
111 43.4 36.2 54.4
148 63.1 50.6 75.8

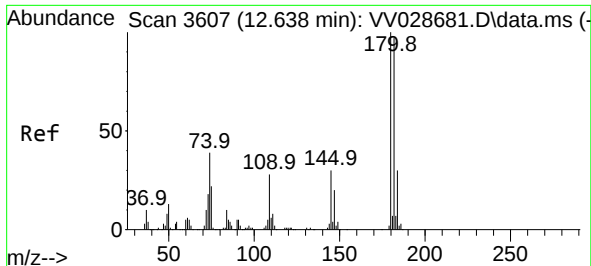


#68
1,2-Dibromo-3-chloropropane
Concen: 5.147 ug/L
RT: 12.419 min Scan# 3539
Delta R.T. -0.000 min
Lab File: VV028707.D
Acq: 26 Oct 2022 20:57



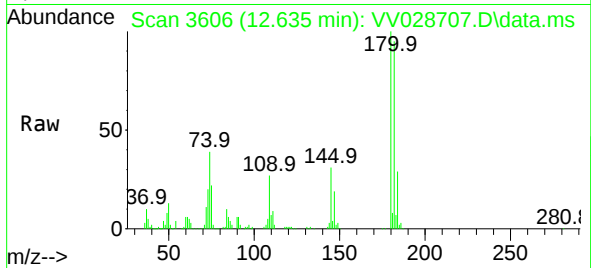
Tgt Ion: 75 Resp: 7873
Ion Ratio Lower Upper
75 100
155 77.3 58.2 87.2
157 100.3 71.5 107.3



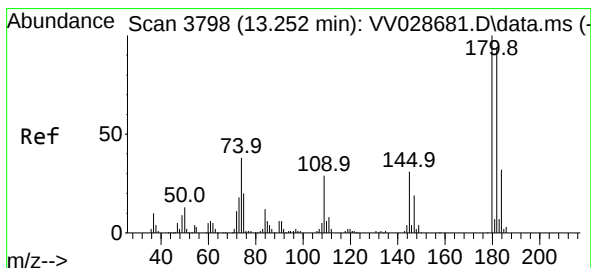
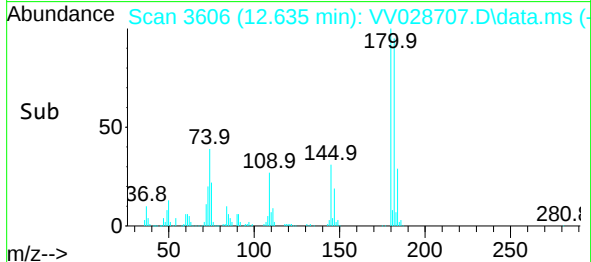
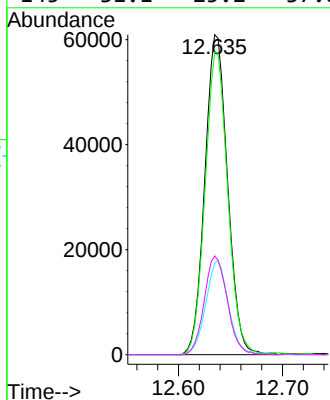


#69
 1,3,5-Trichlorobenzene
 Concen: 5.206 ug/L
 RT: 12.635 min Scan# 3607
 Delta R.T. -0.003 min
 Lab File: VV028707.D
 Acq: 26 Oct 2022 20:57

Instrument :
 MSVOA_V
 ClientSampleId :

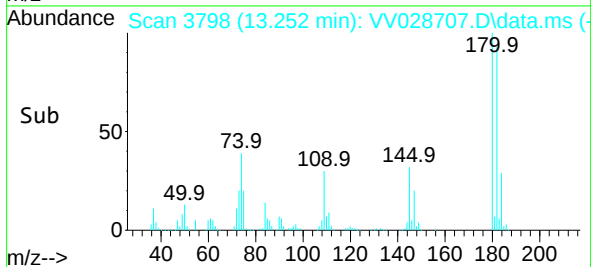
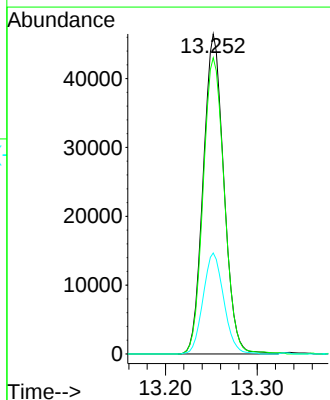
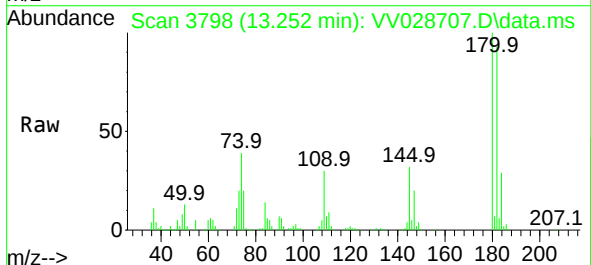


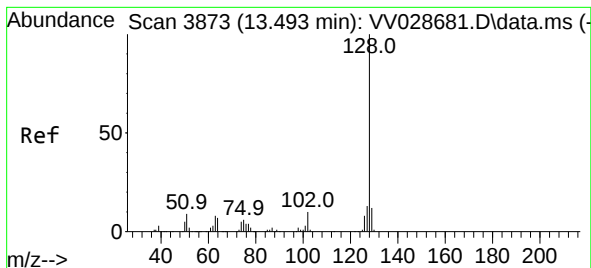
Tgt Ion:180 Resp: 92732
 Ion Ratio Lower Upper
 180 100
 182 93.9 76.6 114.8
 184 29.4 24.3 36.5
 145 31.1 25.2 37.8



#70
 1,2,4-trichlorobenzene
 Concen: 5.350 ug/L
 RT: 13.252 min Scan# 3798
 Delta R.T. -0.000 min
 Lab File: VV028707.D
 Acq: 26 Oct 2022 20:57

Tgt Ion:180 Resp: 72542
 Ion Ratio Lower Upper
 180 100
 182 95.3 74.7 112.1
 145 31.7 25.5 38.3





#71

Naphthalene

Concen: 5.125 ug/L

RT: 13.493 min Scan# 3873

Delta R.T. -0.000 min

Lab File: VV028707.D

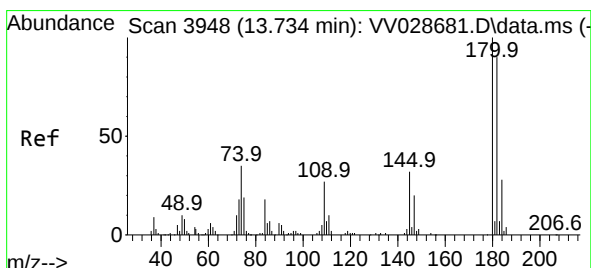
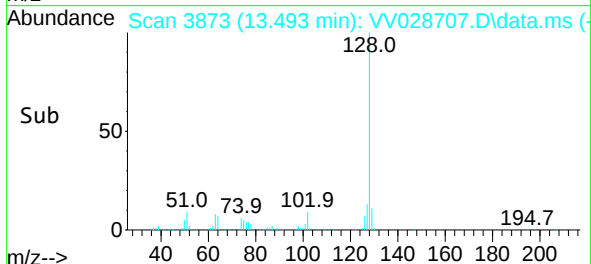
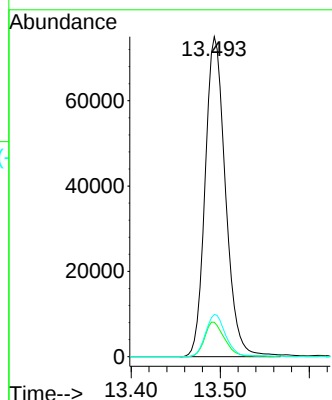
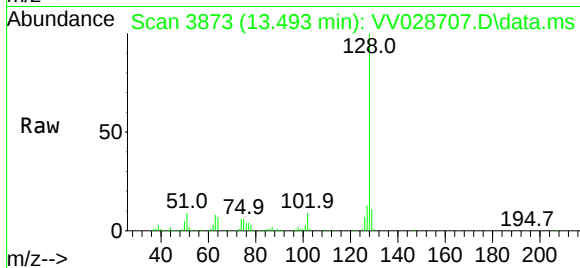
Acq: 26 Oct 2022 20:57

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	128	Resp:	119096
Ion Ratio	Lower	Upper	
128	100		
129	10.5	8.9	13.3
127	13.0	10.2	15.4



#72

1,2,3-Trichlorobenzene

Concen: 5.406 ug/L

RT: 13.734 min Scan# 3948

Delta R.T. -0.000 min

Lab File: VV028707.D

Acq: 26 Oct 2022 20:57

Tgt Ion:	180	Resp:	64967
Ion Ratio	Lower	Upper	
180	100		
182	97.3	73.4	110.0
145	33.5	26.3	39.5

