

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW112322\
 Data File : VW029300.D
 Acq On : 23 Nov 2022 17:23
 Operator : SY/MD
 Sample : VSTD01013
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 24 01:09:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 24 01:07:52 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	278101	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	244589	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	132941	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	183534	10.724	ug/L	0.00
7) Chloroethane-d5	1.564	69	136169	10.869	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.105	63	292470	10.679	ug/L	0.00
20) 2-Butanone-d5	3.902	46	318858	111.609	ug/L	0.00
24) Chloroform-d	4.339	84	330797	10.829	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.024	65	146822	10.924	ug/L	0.00
32) Benzene-d6	5.040	84	704053	10.415	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.063	67	197648	10.405	ug/L	0.00
41) Toluene-d8	7.307	98	676635	10.605	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.612	79	79910	10.912	ug/L	0.00
46) 2-Hexanone-d5	8.085	63	284863	109.124	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.207	84	127113	10.845	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.612	152	242495	10.441	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	210428	10.141	ug/L	99
3) Chloromethane	1.240	50	180346	9.486	ug/L	100
5) Vinyl chloride	1.307	62	195659	10.328	ug/L	99
6) Bromomethane	1.519	94	120984	10.234	ug/L	99
8) Chloroethane	1.580	64	115347	10.244	ug/L	98
9) Trichlorofluoromethane	1.751	101	271961	10.256	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	151297	10.233	ug/L	99
12) 1,1-Dichloroethene	2.114	96	146661	10.256	ug/L	98
13) Acetone	2.207	43	188592	90.640	ug/L	97
14) Carbon disulfide	2.288	76	435203	10.474	ug/L	100
15) Methyl Acetate	2.439	43	57106	9.453	ug/L	99
16) Methylene chloride	2.500	84	175744	8.044	ug/L	96
17) Methyl tert-butyl Ether	2.764	73	381422	10.433	ug/L	99
18) trans-1,2-Dichloroethene	2.754	96	169891	10.352	ug/L	98
19) 1,1-Dichloroethane	3.182	63	303490	10.275	ug/L	97
21) 2-Butanone	3.985	43	324958	99.487	ug/L	98
22) cis-1,2-Dichloroethene	3.902	96	189949	10.119	ug/L	99
23) Bromochloromethane	4.239	128	80290	10.678	ug/L	98
25) Chloroform	4.365	83	317928	10.309	ug/L	100
27) 1,2-Dichloroethane	5.124	62	172858	10.345	ug/L	98
29) 1,1,1-Trichloroethane	4.600	97	283229	10.067	ug/L	99
30) Cyclohexane	4.667	56	278057	10.000	ug/L	99
31) Carbon tetrachloride	4.818	117	243844	10.249	ug/L	99
33) Benzene	5.092	78	718672	9.824	ug/L	100
34) Trichloroethene	5.905	95	184993	9.913	ug/L	99
35) Methylcyclohexane	6.124	83	315878	10.028	ug/L	100
37) 1,2-Dichloropropane	6.165	63	168343	9.769	ug/L	100
38) Bromodichloromethane	6.503	83	210248	10.192	ug/L	100
39) cis-1,3-Dichloropropene	7.018	75	259999	10.321	ug/L	98
40) 4-Methyl-2-pentanone	7.223	43	819331	101.606	ug/L	100
42) Toluene	7.378	91	781794	9.958	ug/L	100
44) trans-1,3-Dichloropropene	7.641	75	205369	10.292	ug/L	99

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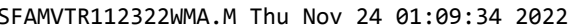
Quant Time: Nov 24 01:09:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 24 01:07:52 2022
 Response via : Initial Calibration

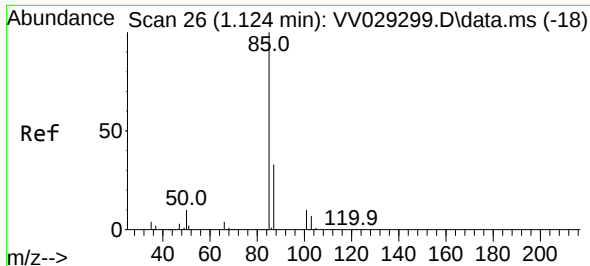
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	7.831	97	116458	9.982	ug/L	98
47) Tetrachloroethene	7.966	164	152674	9.980	ug/L	97
48) 2-Hexanone	8.136	43	575916	101.824	ug/L	99
49) Dibromochloromethane	8.236	129	136459	10.398	ug/L	96
50) 1,2-Dibromoethane	8.342	107	104829	10.297	ug/L	99
51) Chlorobenzene	8.873	112	499981	10.188	ug/L	98
52) Ethylbenzene	9.005	91	842170	10.288	ug/L	99
53) m,p-Xylene	9.130	106	333331	10.324	ug/L	97
54) o-Xylene	9.535	106	327185	10.316	ug/L	99
55) Styrene	9.551	104	557989	10.423	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.233	83	122951	10.185	ug/L	100
59) Bromoform	9.722	173	72136	10.329	ug/L	98
60) Isopropylbenzene	9.921	105	874421	10.173	ug/L	100
61) 1,2,3-Trichloropropane	10.265	75	91663	9.942	ug/L	98
62) 1,3,5-Trimethylbenzene	10.529	105	761636	10.234	ug/L	99
63) 1,2,4-Trimethylbenzene	10.905	105	765123	10.221	ug/L	100
64) 1,3-Dichlorobenzene	11.172	146	407127	10.153	ug/L	99
65) 1,4-Dichlorobenzene	11.262	146	398449	10.044	ug/L	99
67) 1,2-Dichlorobenzene	11.631	146	373577	10.112	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.416	75	18081	9.985	ug/L	95
69) 1,3,5-Trichlorobenzene	12.631	180	338367	10.242	ug/L	99
70) 1,2,4-trichlorobenzene	13.249	180	276022	10.311	ug/L	100
71) Naphthalene	13.493	128	242574	10.467	ug/L	99
72) 1,2,3-Trichlorobenzene	13.731	180	227974	10.461	ug/L	99

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

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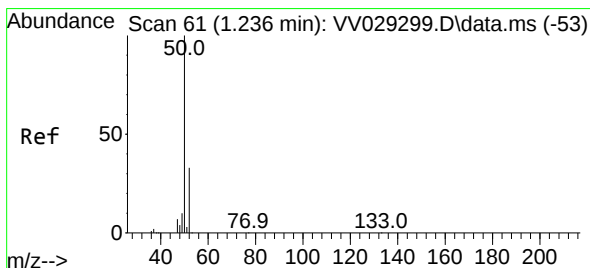
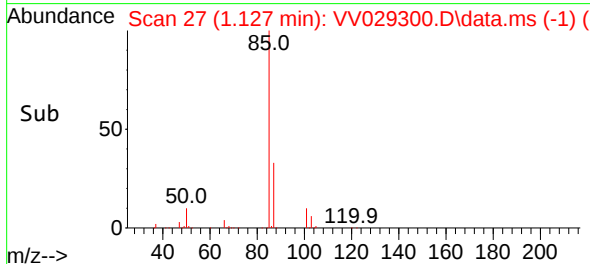
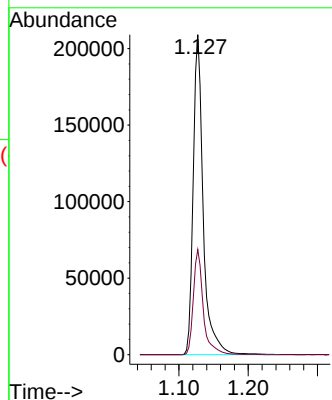
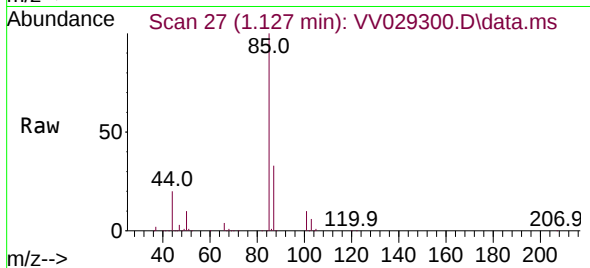




#2
Dichlorodifluoromethane
Concen: 10.141 ug/L
RT: 1.127 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV029300.D
Acq: 23 Nov 2022 17:23

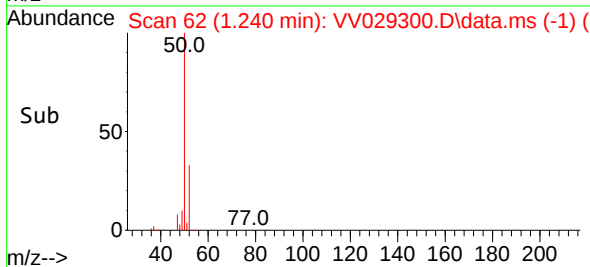
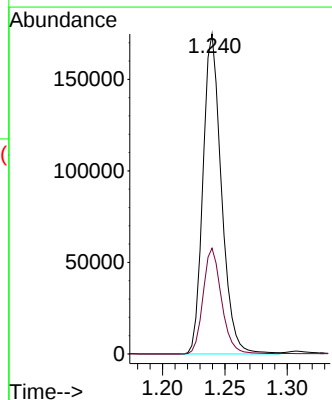
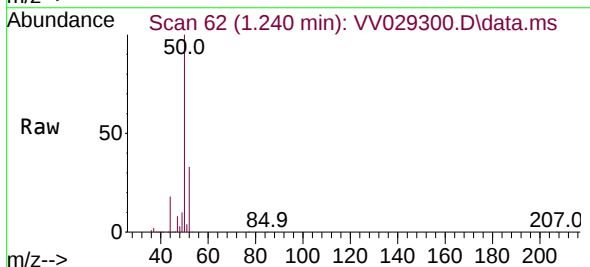
Instrument :
MSVOA_V
ClientSampleId :

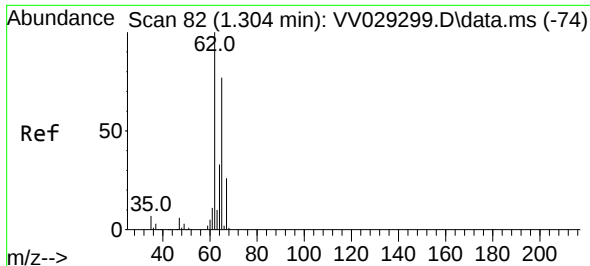
Tgt Ion: 85 Resp: 210428
Ion Ratio Lower Upper
85 100
87 32.5 26.2 39.4



#3
Chloromethane
Concen: 9.486 ug/L
RT: 1.240 min Scan# 62
Delta R.T. 0.003 min
Lab File: VV029300.D
Acq: 23 Nov 2022 17:23

Tgt Ion: 50 Resp: 180346
Ion Ratio Lower Upper
50 100
52 33.1 23.2 43.2

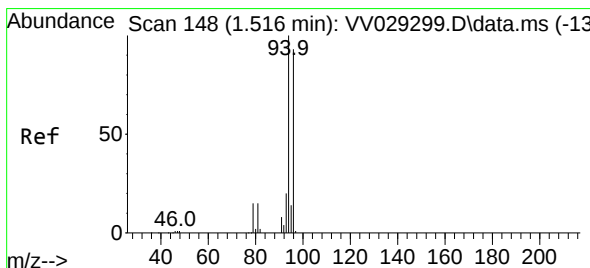
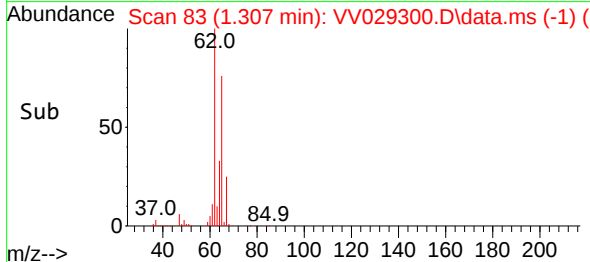
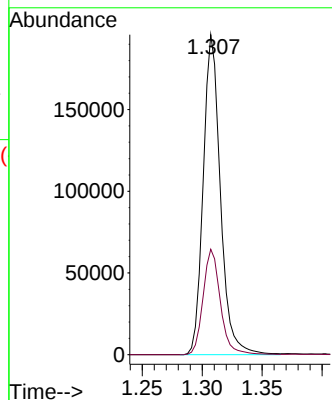
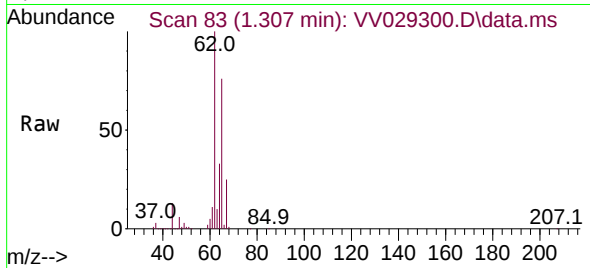




#5
 Vinyl chloride
 Concen: 10.328 ug/L
 RT: 1.307 min Scan# 81
 Delta R.T. 0.003 min
 Lab File: VV029300.D
 Acq: 23 Nov 2022 17:23

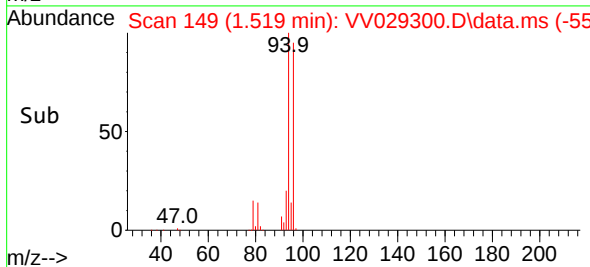
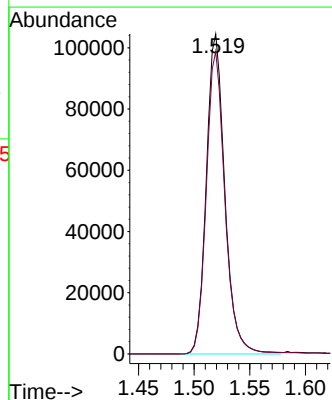
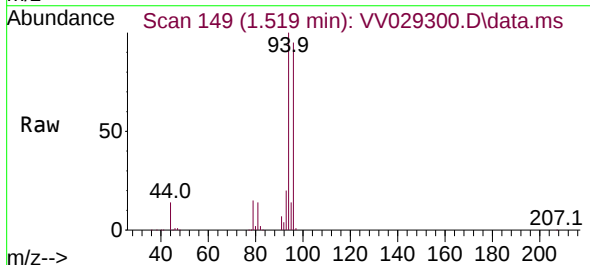
Instrument :
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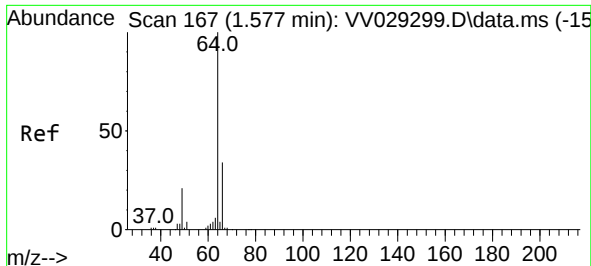
Tgt Ion: 62 Resp: 195659
 Ion Ratio Lower Upper
 62 100
 64 33.0 23.4 43.4



#6
 Bromomethane
 Concen: 10.234 ug/L
 RT: 1.519 min Scan# 149
 Delta R.T. 0.003 min
 Lab File: VV029300.D
 Acq: 23 Nov 2022 17:23

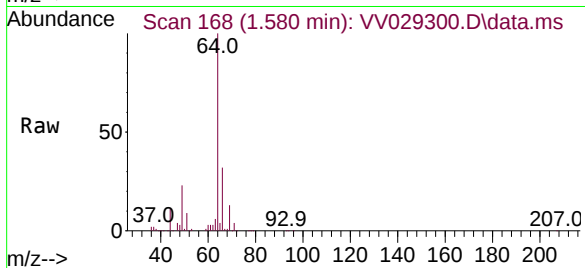
Tgt Ion: 94 Resp: 120984
 Ion Ratio Lower Upper
 94 100
 96 94.6 65.4 121.4



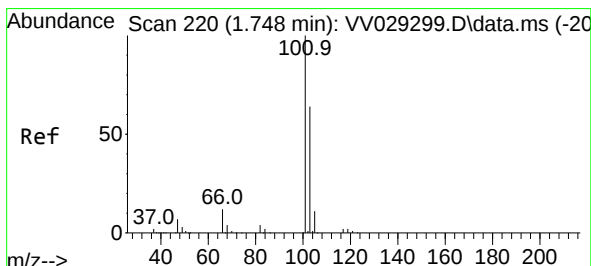
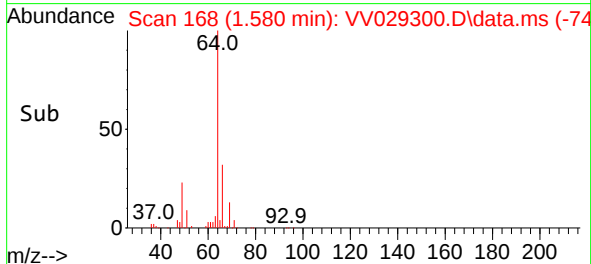
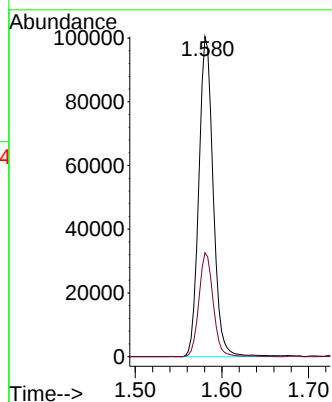


#8
Chloroethane
Concen: 10.244 ug/L
RT: 1.580 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV029300.D
Acq: 23 Nov 2022 17:23

Instrument :
MSVOA_V
ClientSampleId :

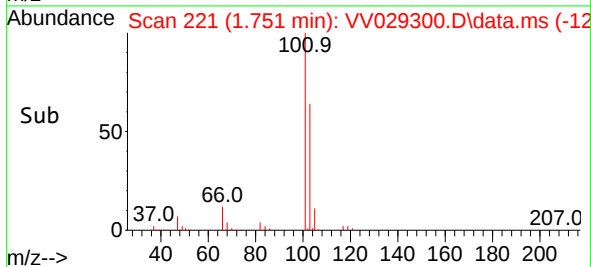
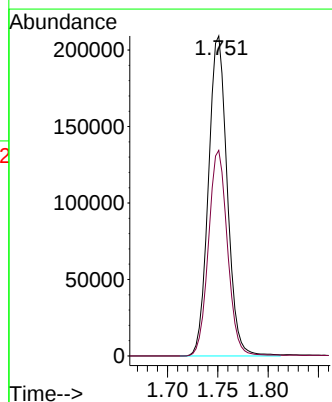
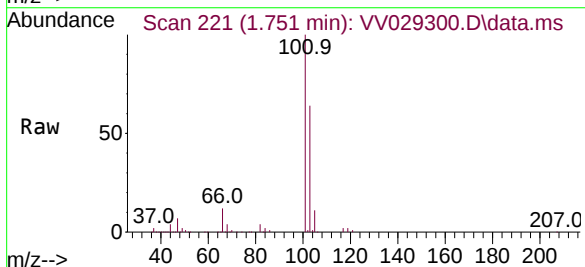


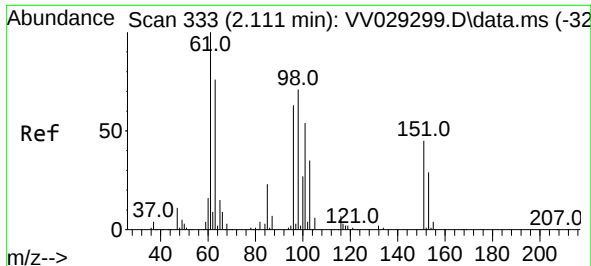
Tgt Ion: 64 Resp: 115347
Ion Ratio Lower Upper
64 100
66 32.5 23.5 43.7



#9
Trichlorofluoromethane
Concen: 10.256 ug/L
RT: 1.751 min Scan# 221
Delta R.T. 0.003 min
Lab File: VV029300.D
Acq: 23 Nov 2022 17:23

Tgt Ion:101 Resp: 271961
Ion Ratio Lower Upper
101 100
103 65.0 51.8 77.8

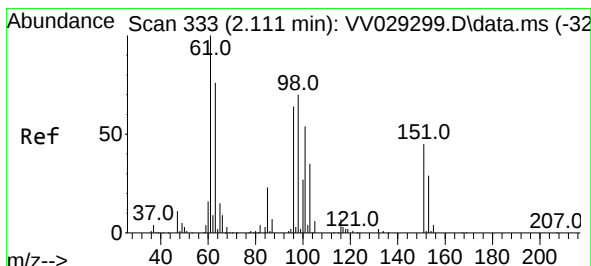
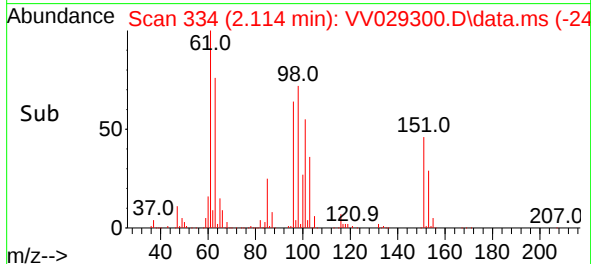
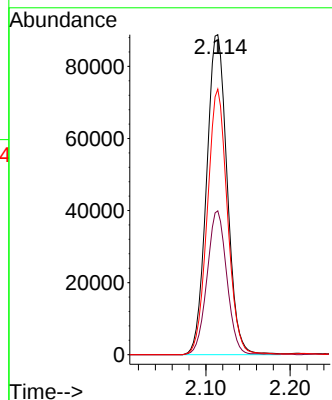
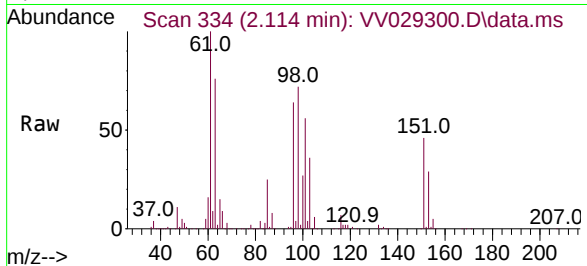




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 10.233 ug/L
RT: 2.114 min Scan# 334
Delta R.T. 0.003 min
Lab File: VV029300.D
Acq: 23 Nov 2022 17:23

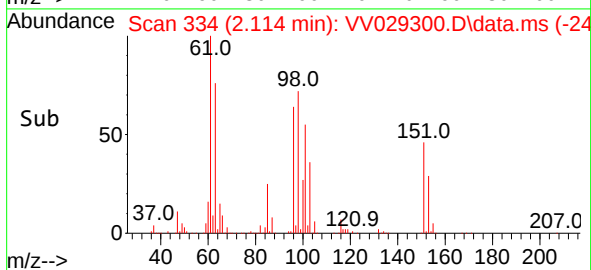
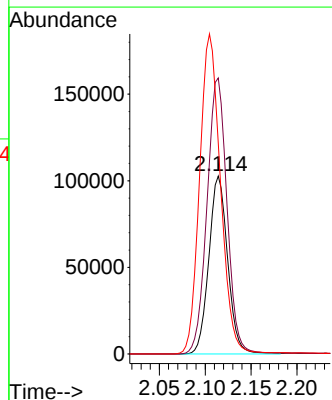
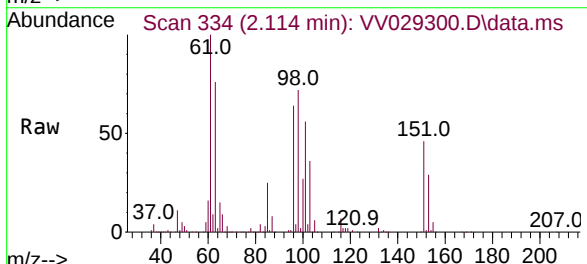
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ClientSampleId :

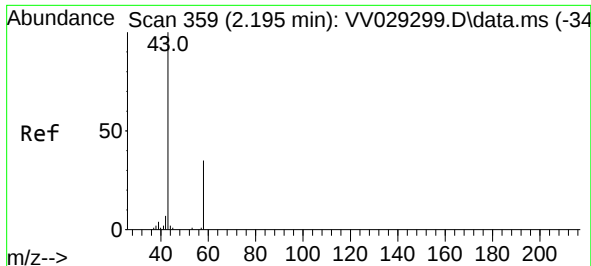
Tgt Ion:101 Resp: 151297
Ion Ratio Lower Upper
101 100
85 43.4 33.6 50.4
151 80.9 65.3 97.9



#12
1,1-Dichloroethene
Concen: 10.256 ug/L
RT: 2.114 min Scan# 334
Delta R.T. 0.003 min
Lab File: VV029300.D
Acq: 23 Nov 2022 17:23

Tgt Ion: 96 Resp: 146661
Ion Ratio Lower Upper
96 100
61 155.1 110.3 204.9
63 118.4 84.4 156.8





#13

Acetone

Concen: 90.640 ug/L

RT: 2.207 min Scan# 3

Delta R.T. 0.013 min

Lab File: VV029300.D

Acq: 23 Nov 2022 17:23

Instrument :

MSVOA_V

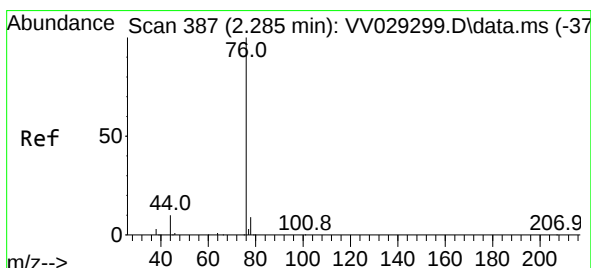
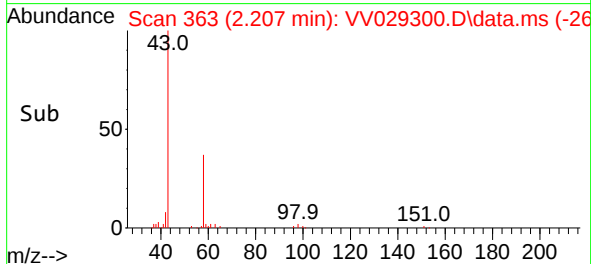
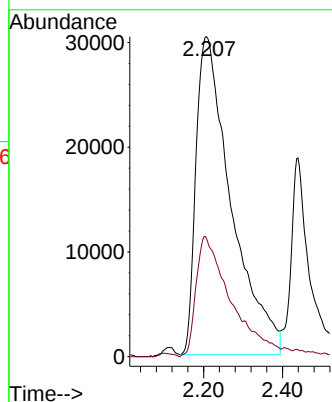
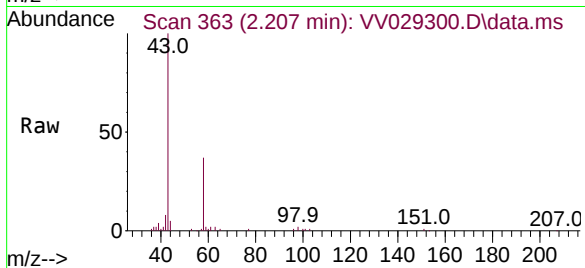
ClientSampleId :

Tgt Ion: 43 Resp: 188592

Ion Ratio Lower Upper

43 100

58 37.2 0.0 70.8



#14

Carbon disulfide

Concen: 10.474 ug/L

RT: 2.288 min Scan# 388

Delta R.T. 0.003 min

Lab File: VV029300.D

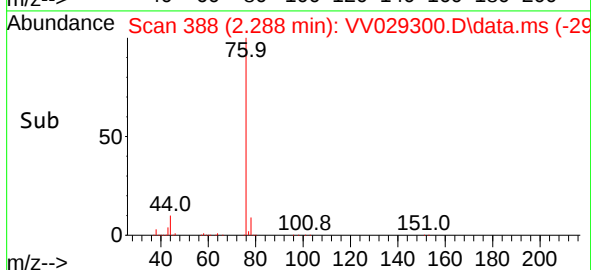
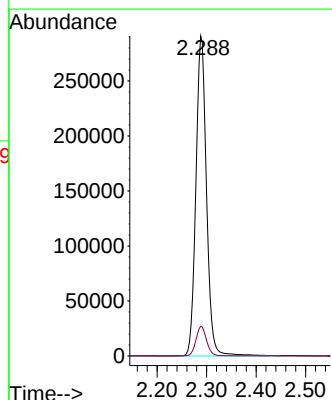
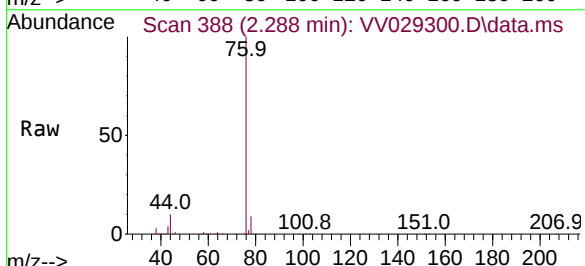
Acq: 23 Nov 2022 17:23

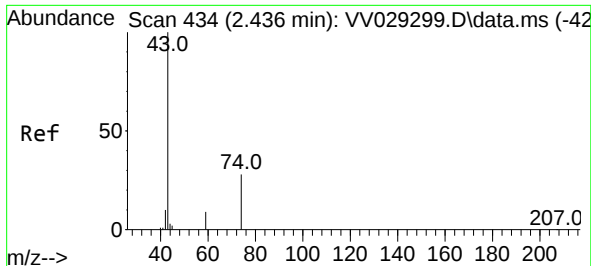
Tgt Ion: 76 Resp: 435203

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.2

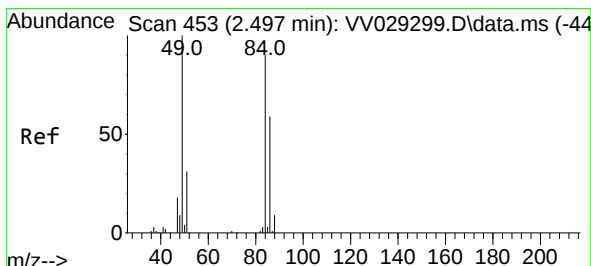
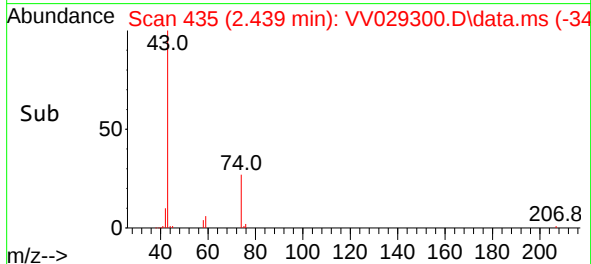
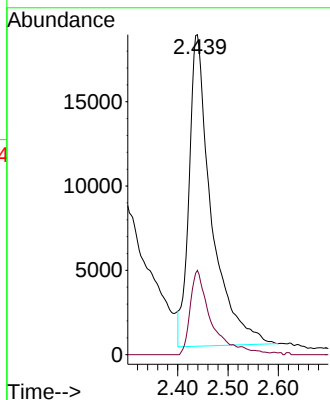
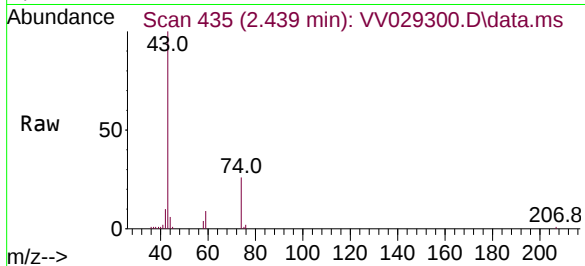




#15
Methyl Acetate
Concen: 9.453 ug/L
RT: 2.439 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV029300.D
Acq: 23 Nov 2022 17:23

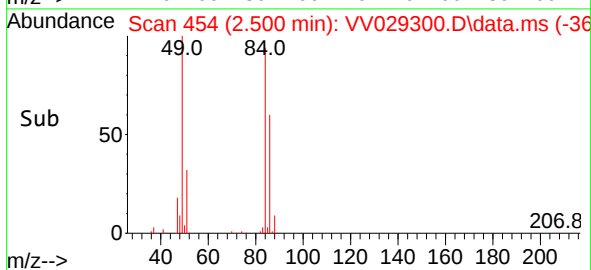
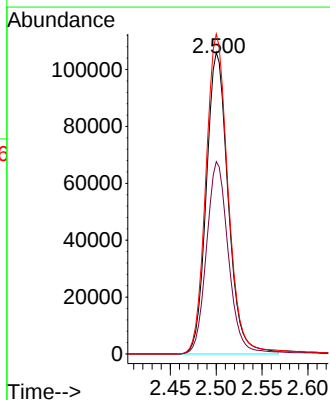
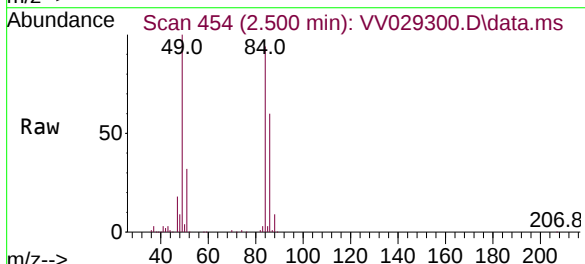
Instrument :
MSVOA_V
ClientSampleId :

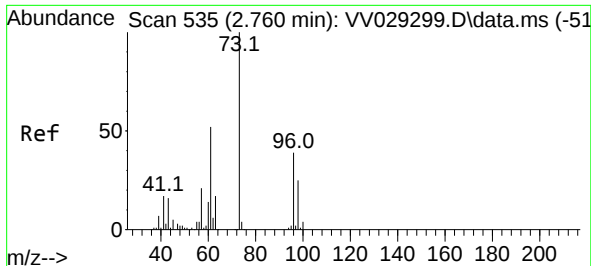
Tgt Ion: 43 Resp: 57106
Ion Ratio Lower Upper
43 100
74 23.9 19.6 29.4



#16
Methylene chloride
Concen: 8.044 ug/L
RT: 2.500 min Scan# 454
Delta R.T. 0.003 min
Lab File: VV029300.D
Acq: 23 Nov 2022 17:23

Tgt Ion: 84 Resp: 175744
Ion Ratio Lower Upper
84 100
86 63.8 45.6 84.6
49 106.1 77.8 144.4

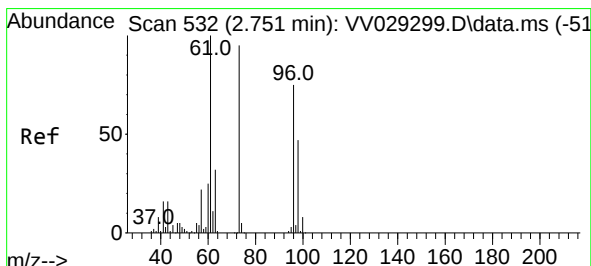
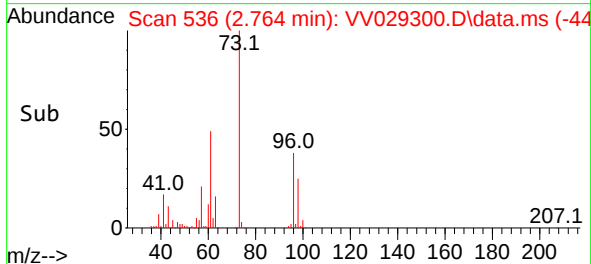
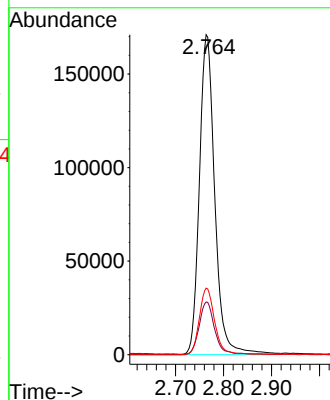
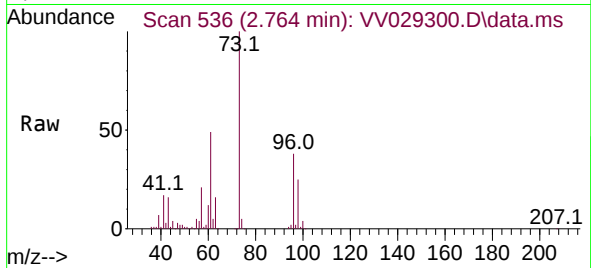




#17
Methyl tert-butyl Ether
Concen: 10.433 ug/L
RT: 2.764 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV029300.D
Acq: 23 Nov 2022 17:23

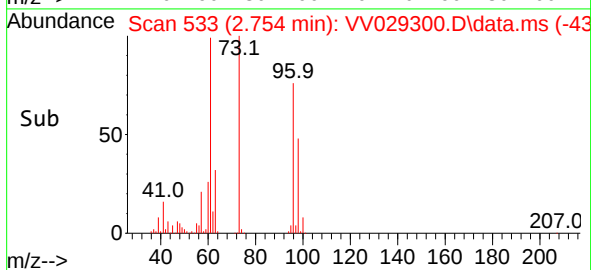
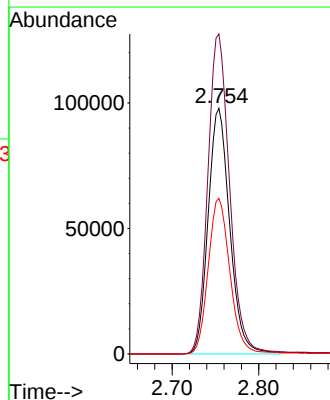
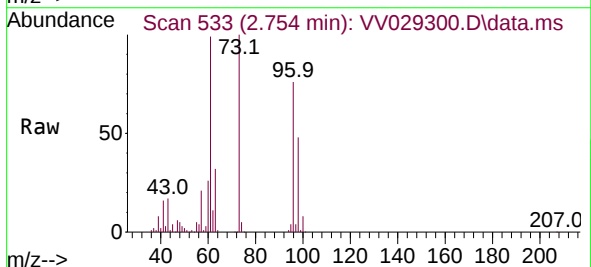
Instrument :
MSVOA_V
ClientSampleId :

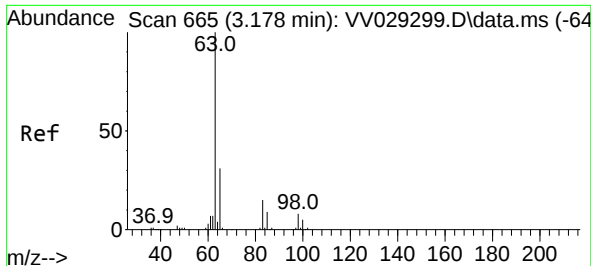
Tgt Ion: 73 Resp: 381422
Ion Ratio Lower Upper
73 100
43 15.9 13.2 19.8
57 20.6 16.9 25.3



#18
trans-1,2-Dichloroethene
Concen: 10.352 ug/L
RT: 2.754 min Scan# 533
Delta R.T. 0.003 min
Lab File: VV029300.D
Acq: 23 Nov 2022 17:23

Tgt Ion: 96 Resp: 169891
Ion Ratio Lower Upper
96 100
61 130.3 93.0 172.6
98 63.4 44.0 81.8





#19

1,1-Dichloroethane

Concen: 10.275 ug/L

RT: 3.182 min Scan# 6

Delta R.T. 0.003 min

Lab File: VV029300.D

Acq: 23 Nov 2022 17:23

Instrument :

MSVOA_V

ClientSampleId :

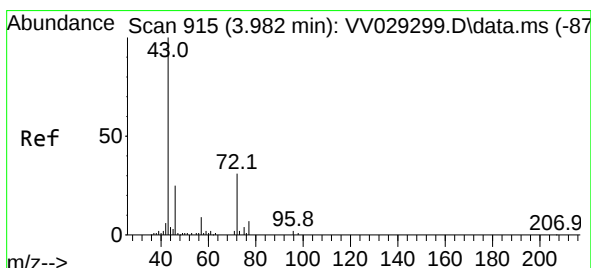
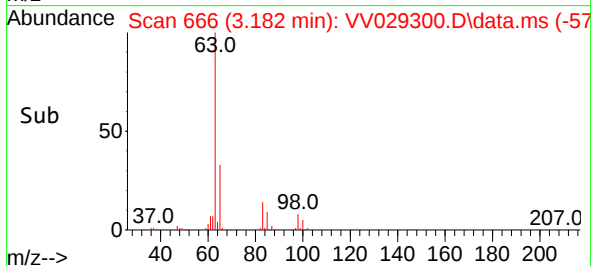
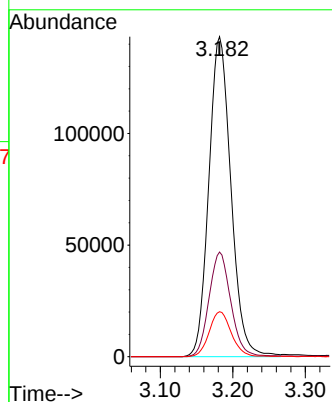
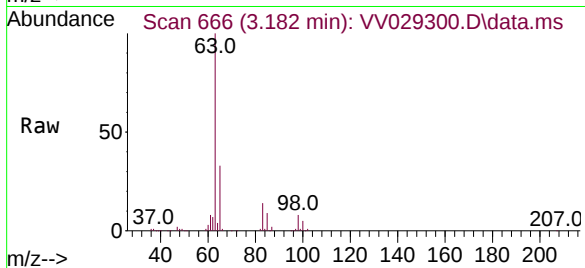
Tgt Ion: 63 Resp: 303490

Ion Ratio Lower Upper

63 100

65 32.7 21.6 40.2

83 14.0 10.3 19.1



#21

2-Butanone

Concen: 99.487 ug/L

RT: 3.985 min Scan# 916

Delta R.T. 0.003 min

Lab File: VV029300.D

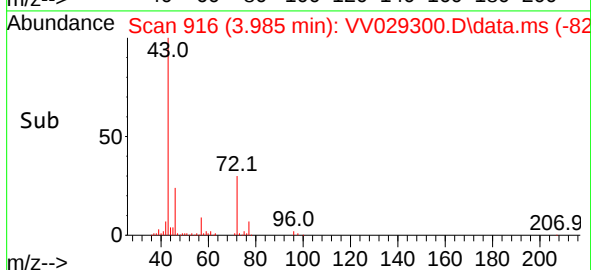
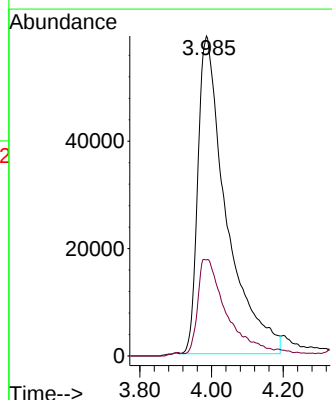
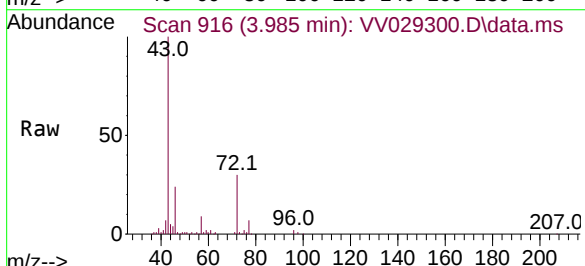
Acq: 23 Nov 2022 17:23

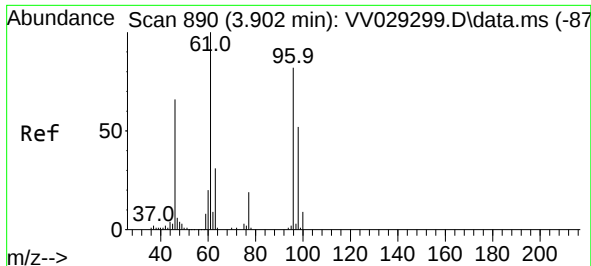
Tgt Ion: 43 Resp: 324958

Ion Ratio Lower Upper

43 100

72 26.5 13.8 41.3





#22

cis-1,2-Dichloroethene

Concen: 10.119 ug/L

RT: 3.902 min Scan# 890

Delta R.T. -0.000 min

Lab File: VV029300.D

Acq: 23 Nov 2022 17:23

Instrument :

MSVOA_V

ClientSampleId :

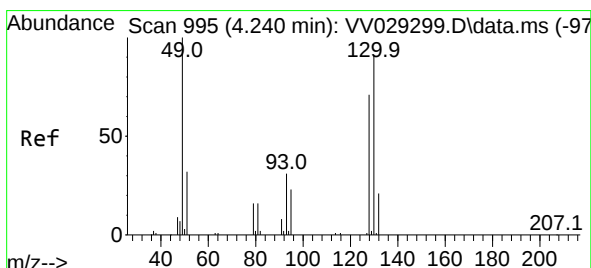
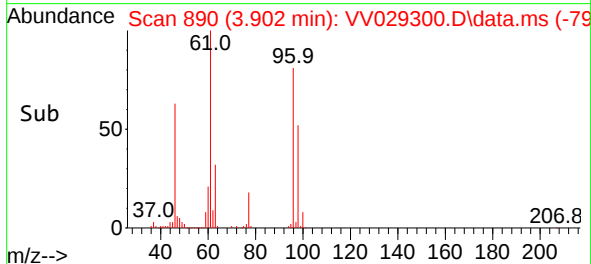
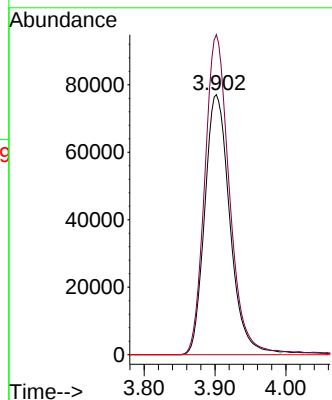
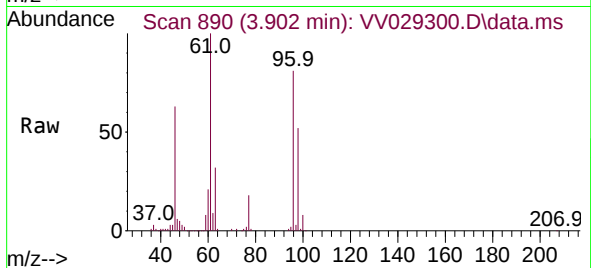
Tgt Ion: 96 Resp: 189949

Ion Ratio Lower Upper

96 100

61 123.1 85.8 159.3

68 0.0 0.0 0.0



#23

Bromochloromethane

Concen: 10.678 ug/L

RT: 4.239 min Scan# 995

Delta R.T. -0.000 min

Lab File: VV029300.D

Acq: 23 Nov 2022 17:23

Tgt Ion:128 Resp: 80290

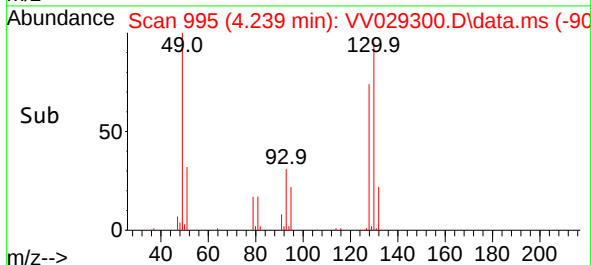
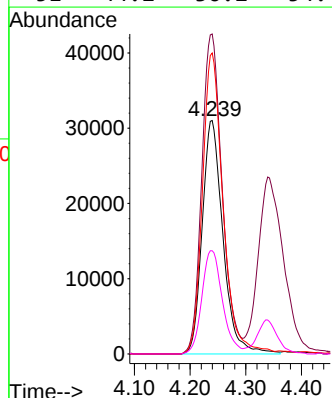
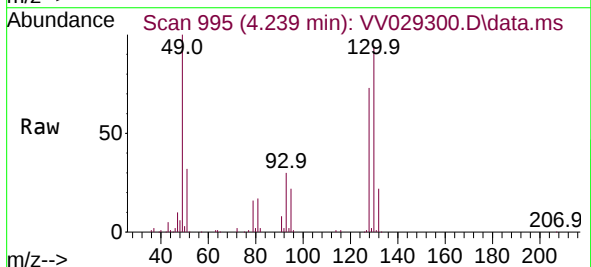
Ion Ratio Lower Upper

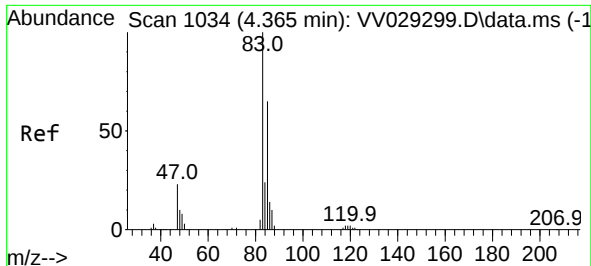
128 100

49 137.1 100.0 185.8

130 129.0 90.2 167.6

51 44.2 36.2 54.4

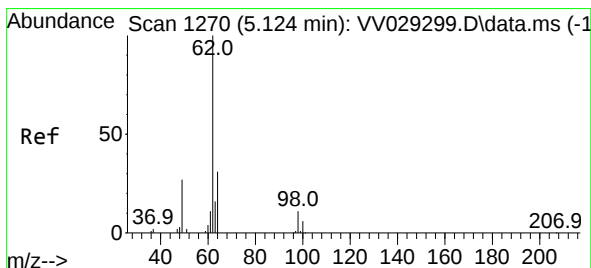
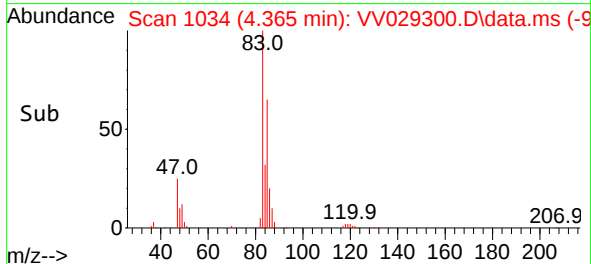
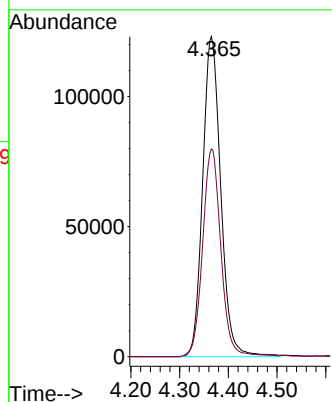
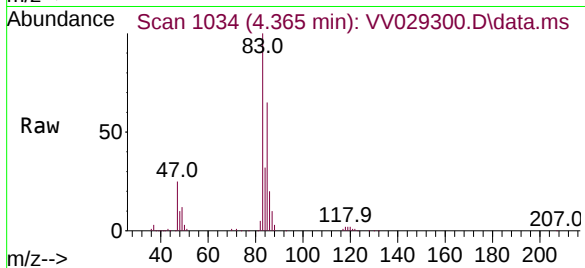




#25
Chloroform
Concen: 10.309 ug/L
RT: 4.365 min Scan# 1034
Delta R.T. -0.000 min
Lab File: VV029300.D
Acq: 23 Nov 2022 17:23

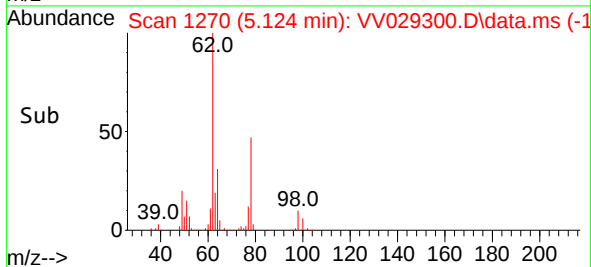
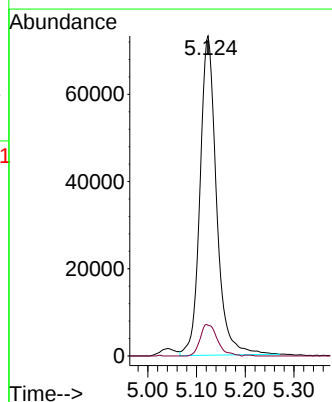
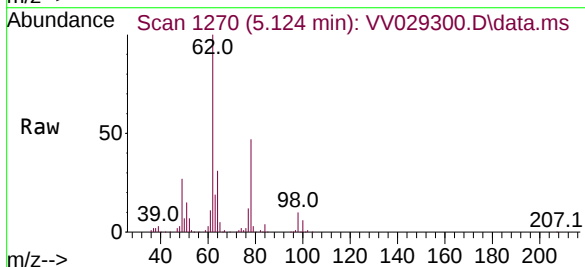
Instrument :
MSVOA_V
ClientSampleId :

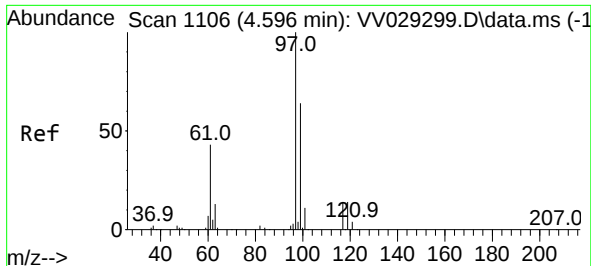
Tgt Ion: 83 Resp: 317928
Ion Ratio Lower Upper
83 100
85 64.9 45.4 84.4



#27
1,2-Dichloroethane
Concen: 10.345 ug/L
RT: 5.124 min Scan# 1270
Delta R.T. -0.000 min
Lab File: VV029300.D
Acq: 23 Nov 2022 17:23

Tgt Ion: 62 Resp: 172858
Ion Ratio Lower Upper
62 100
98 9.6 8.4 12.6





#29

1,1,1-Trichloroethane

Concen: 10.067 ug/L

RT: 4.600 min Scan# 1106

Delta R.T. 0.003 min

Lab File: VV029300.D

Acq: 23 Nov 2022 17:23

Instrument :

MSVOA_V

ClientSampleId :

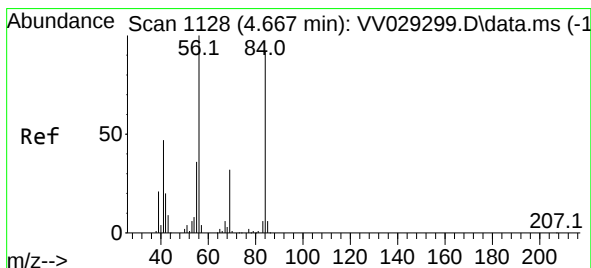
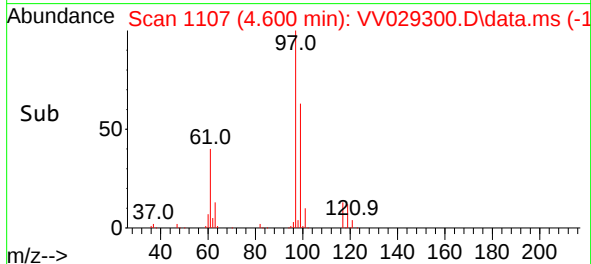
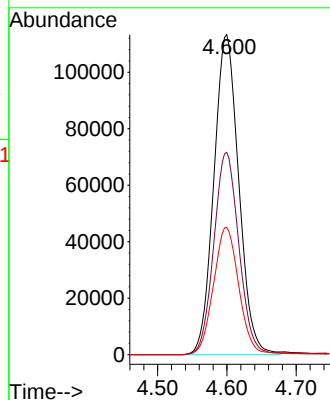
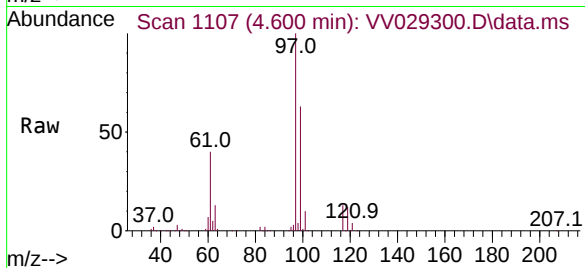
Tgt Ion: 97 Resp: 283229

Ion Ratio Lower Upper

97 100

99 64.1 51.2 76.8

61 40.5 33.3 49.9



#30

Cyclohexane

Concen: 10.000 ug/L

RT: 4.667 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VV029300.D

Acq: 23 Nov 2022 17:23

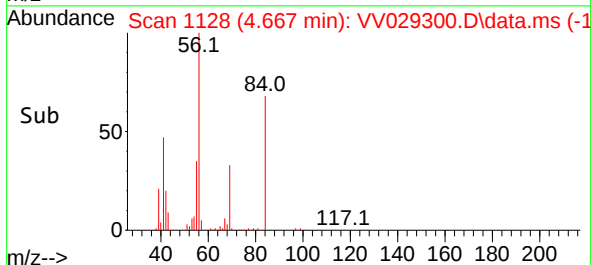
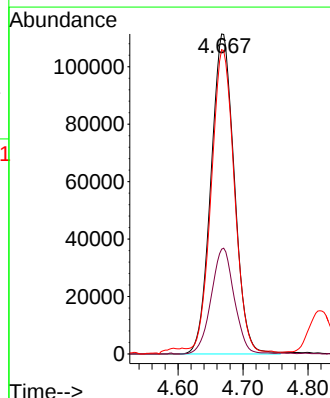
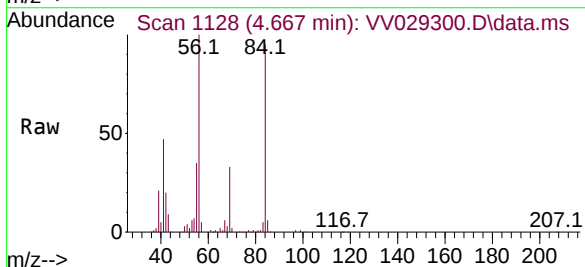
Tgt Ion: 56 Resp: 278057

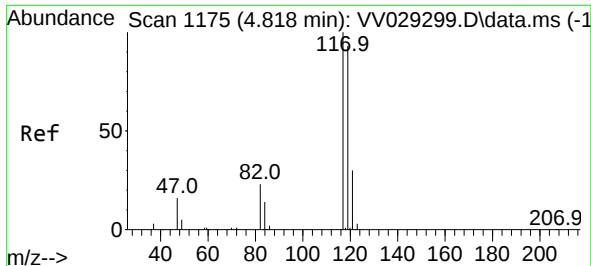
Ion Ratio Lower Upper

56 100

69 32.6 26.1 39.1

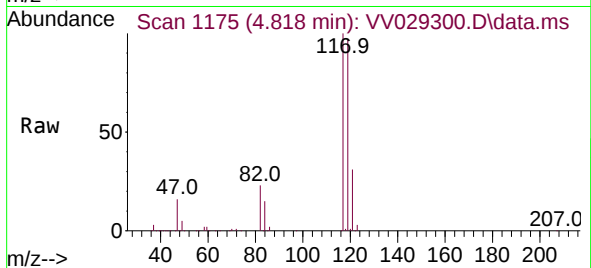
84 93.2 75.6 113.4



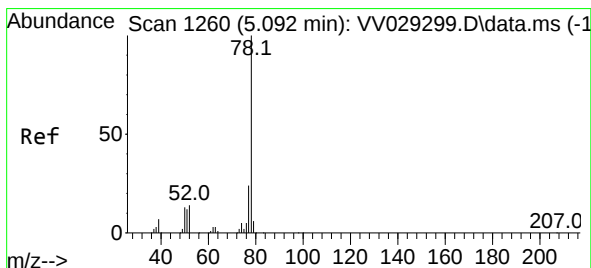
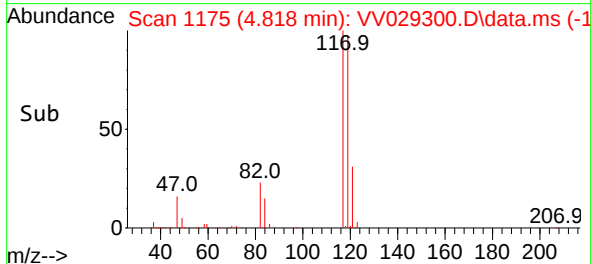
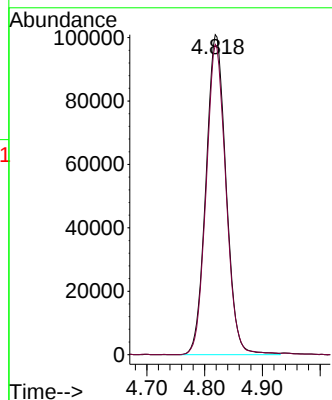


#31
Carbon tetrachloride
Concen: 10.249 ug/L
RT: 4.818 min Scan# 1175
Delta R.T. -0.000 min
Lab File: VV029300.D
Acq: 23 Nov 2022 17:23

Instrument :
MSVOA_V
ClientSampleId :

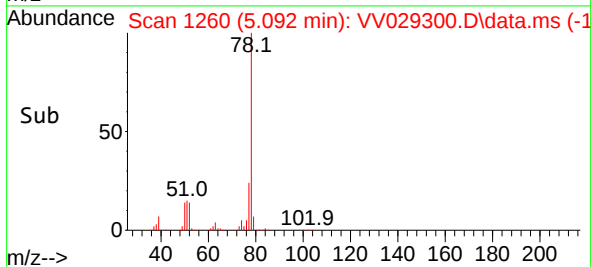
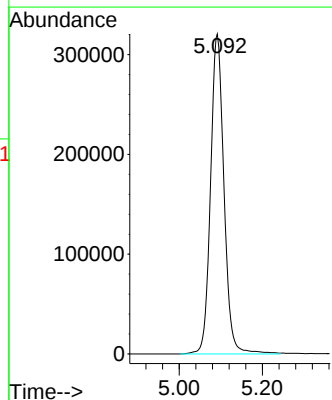
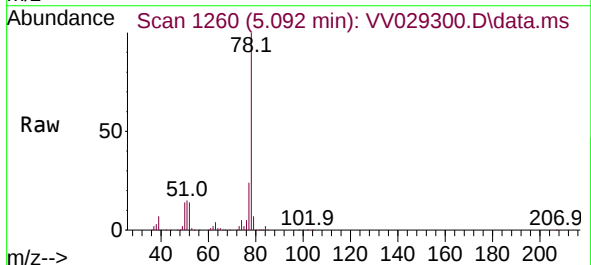


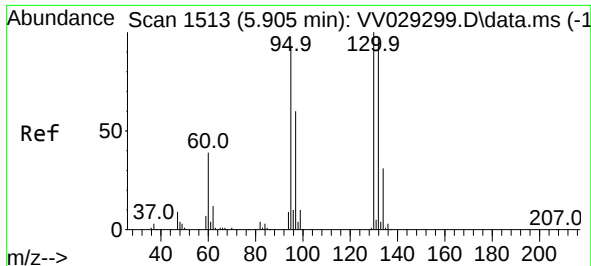
Tgt Ion:117 Resp: 243844
Ion Ratio Lower Upper
117 100
119 95.4 75.7 113.5



#33
Benzene
Concen: 9.824 ug/L
RT: 5.092 min Scan# 1260
Delta R.T. -0.000 min
Lab File: VV029300.D
Acq: 23 Nov 2022 17:23

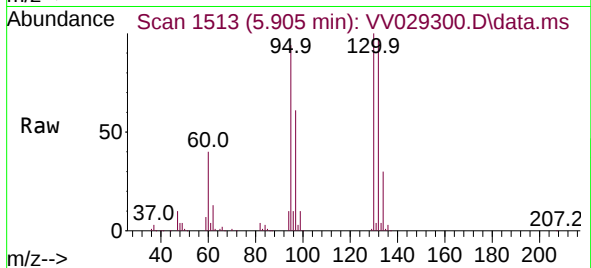
Tgt Ion: 78 Resp: 718672



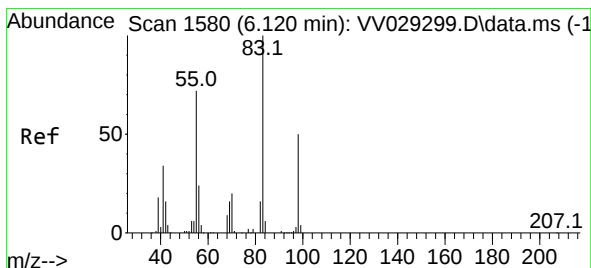
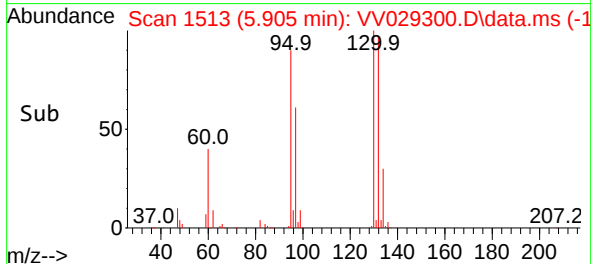
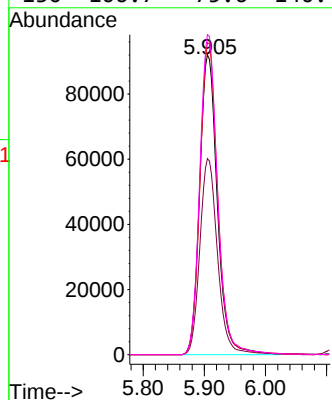


#34
Trichloroethene
Concen: 9.913 ug/L
RT: 5.905 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VV029300.D
Acq: 23 Nov 2022 17:23

Instrument :
MSVOA_V
ClientSampleId :

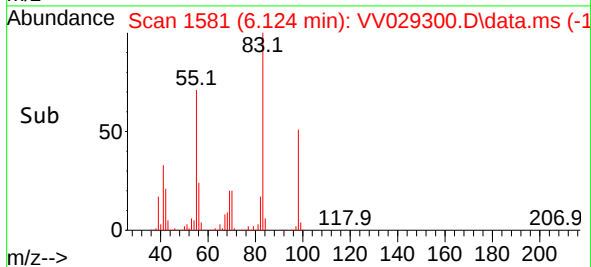
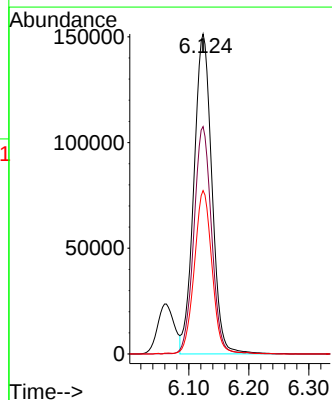
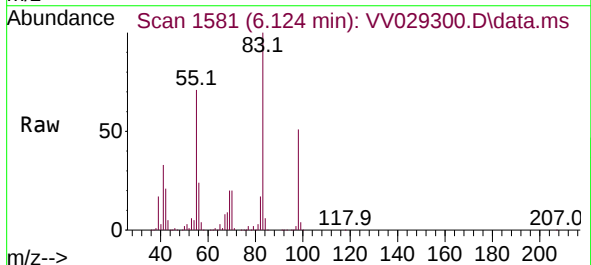


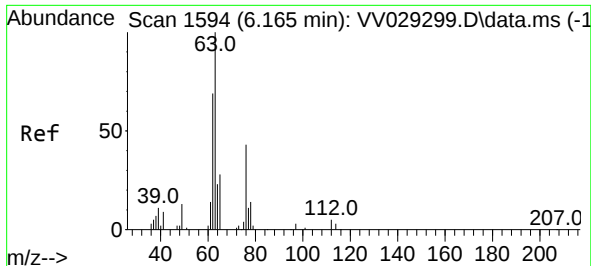
Tgt Ion: 95 Resp: 184993
Ion Ratio Lower Upper
95 100
97 65.3 45.4 84.4
132 104.0 73.3 136.1
130 106.7 75.6 140.4



#35
Methylcyclohexane
Concen: 10.028 ug/L
RT: 6.124 min Scan# 1581
Delta R.T. 0.003 min
Lab File: VV029300.D
Acq: 23 Nov 2022 17:23

Tgt Ion: 83 Resp: 315878
Ion Ratio Lower Upper
83 100
55 69.3 55.4 83.2
98 49.2 39.4 59.2





#37

1,2-Dichloropropane

Concen: 9.769 ug/L

RT: 6.165 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV029300.D

Acq: 23 Nov 2022 17:23

Instrument :

MSVOA_V

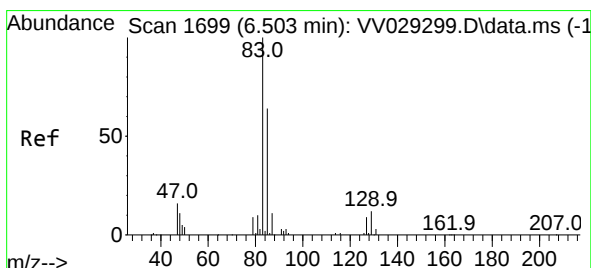
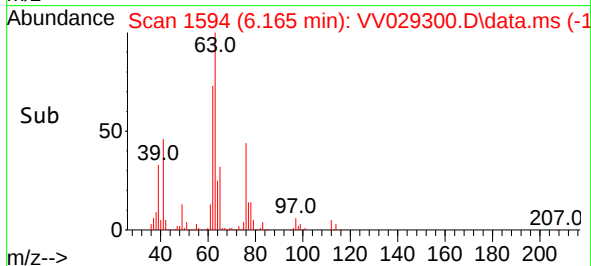
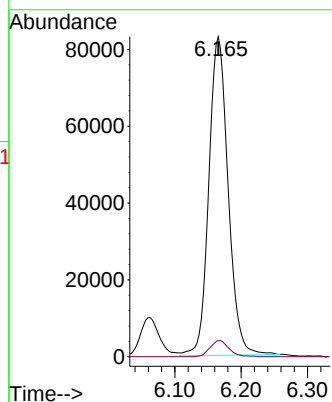
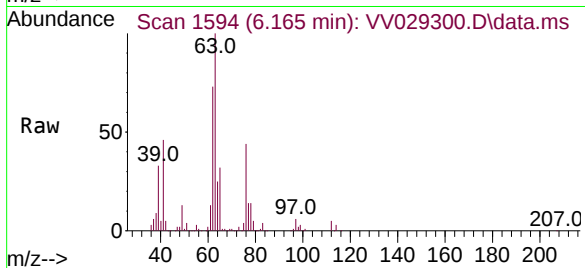
ClientSampleId :

Tgt Ion: 63 Resp: 168343

Ion Ratio Lower Upper

63 100

112 5.0 4.1 6.1



#38

Bromodichloromethane

Concen: 10.192 ug/L

RT: 6.503 min Scan# 1699

Delta R.T. -0.000 min

Lab File: VV029300.D

Acq: 23 Nov 2022 17:23

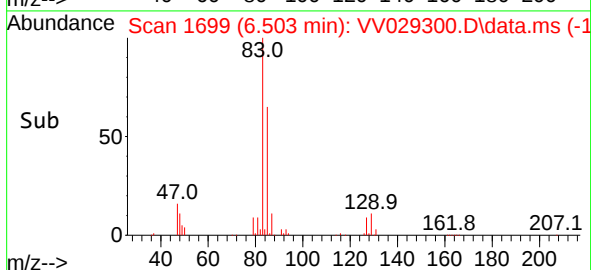
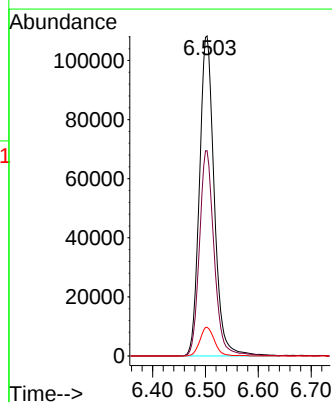
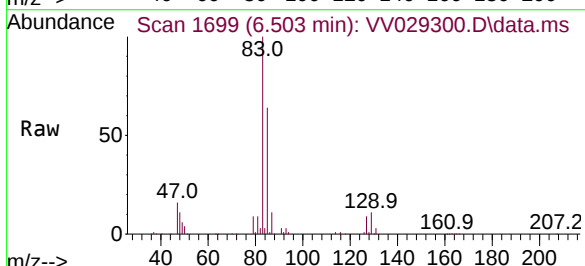
Tgt Ion: 83 Resp: 210248

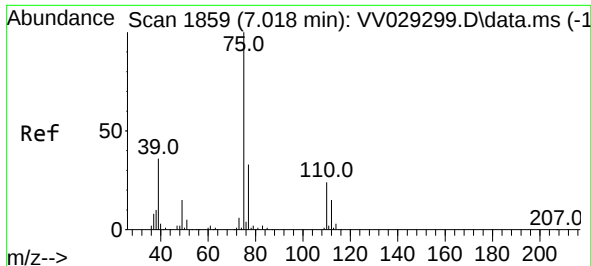
Ion Ratio Lower Upper

83 100

85 64.2 44.7 83.1

127 9.0 7.4 11.2





#39

cis-1,3-Dichloropropene

Concen: 10.321 ug/L

RT: 7.018 min Scan# 1859

Delta R.T. -0.000 min

Lab File: VV029300.D

Acq: 23 Nov 2022 17:23

Instrument :

MSVOA_V

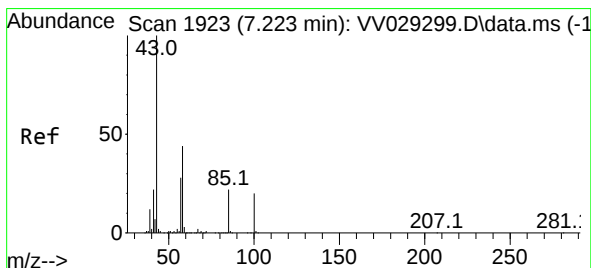
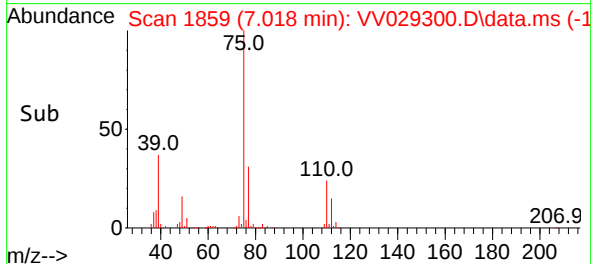
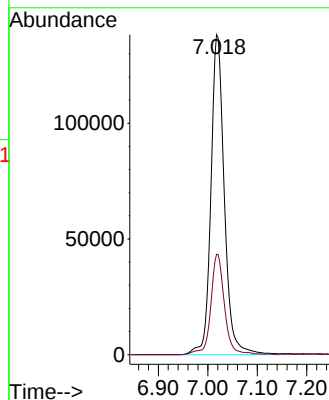
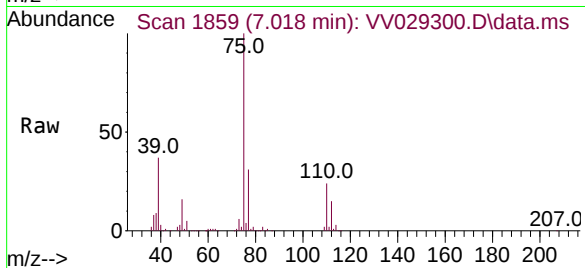
ClientSampleId :

Tgt Ion: 75 Resp: 259999

Ion Ratio Lower Upper

75 100

77 31.4 22.7 42.3



#40

4-Methyl-2-pentanone

Concen: 101.606 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. -0.000 min

Lab File: VV029300.D

Acq: 23 Nov 2022 17:23

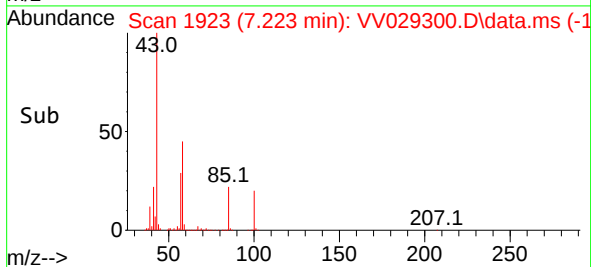
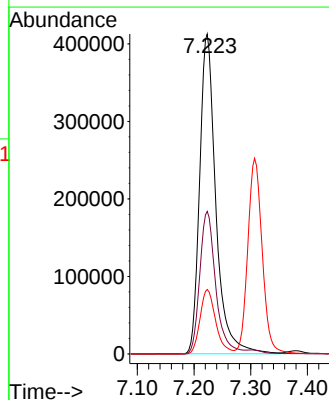
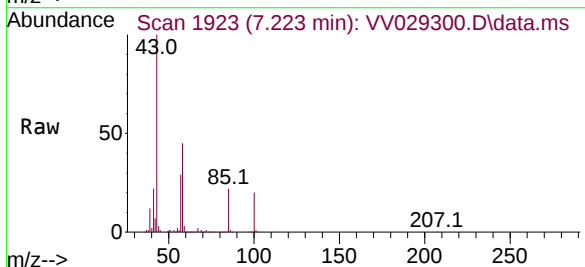
Tgt Ion: 43 Resp: 819331

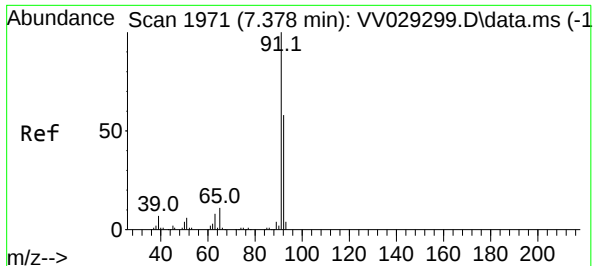
Ion Ratio Lower Upper

43 100

58 44.1 35.3 52.9

100 19.5 15.3 22.9

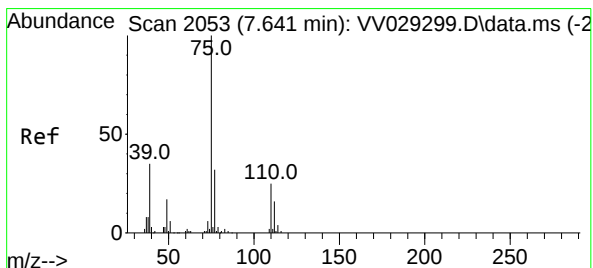
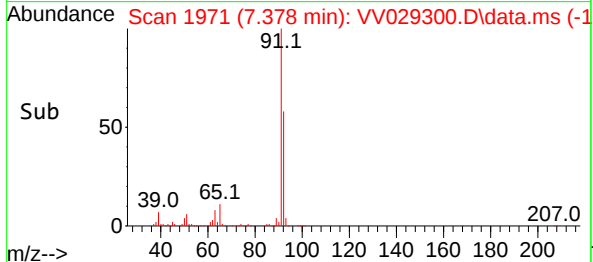
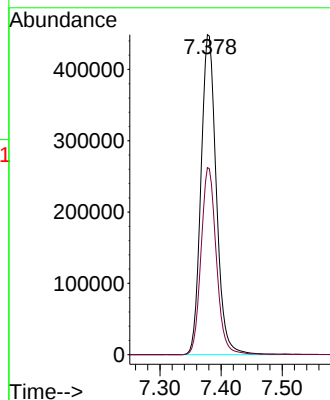
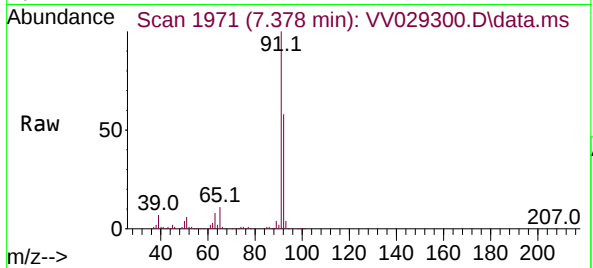




#42
Toluene
Concen: 9.958 ug/L
RT: 7.378 min Scan# 1971
Delta R.T. -0.000 min
Lab File: VV029300.D
Acq: 23 Nov 2022 17:23

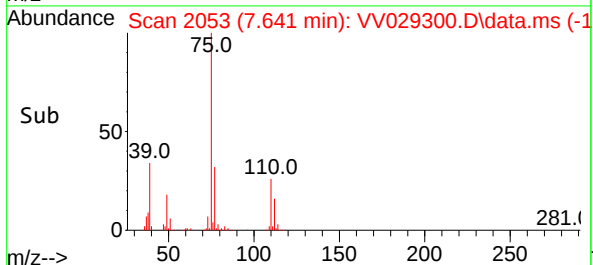
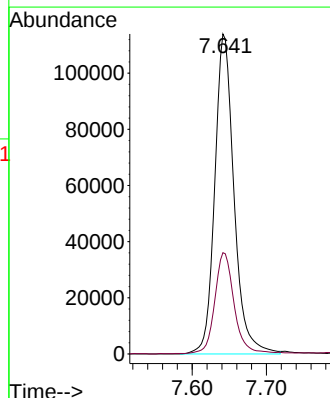
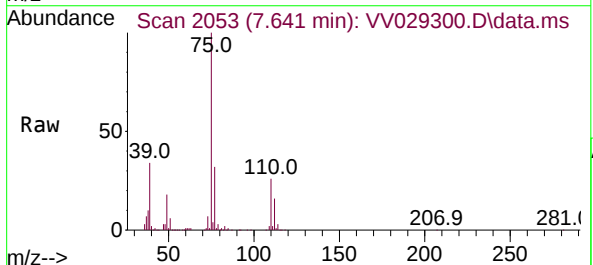
Instrument :
MSVOA_V
ClientSampleId :

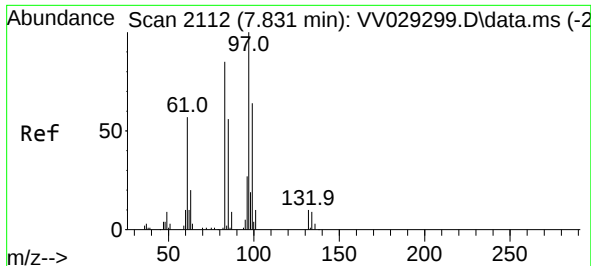
Tgt Ion: 91 Resp: 781794
Ion Ratio Lower Upper
91 100
92 58.4 40.8 75.8



#44
trans-1,3-Dichloropropene
Concen: 10.292 ug/L
RT: 7.641 min Scan# 2053
Delta R.T. -0.000 min
Lab File: VV029300.D
Acq: 23 Nov 2022 17:23

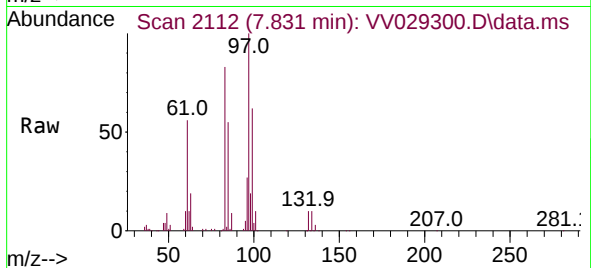
Tgt Ion: 75 Resp: 205369
Ion Ratio Lower Upper
75 100
77 31.7 22.4 41.6





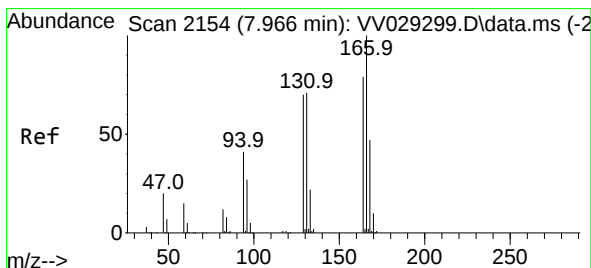
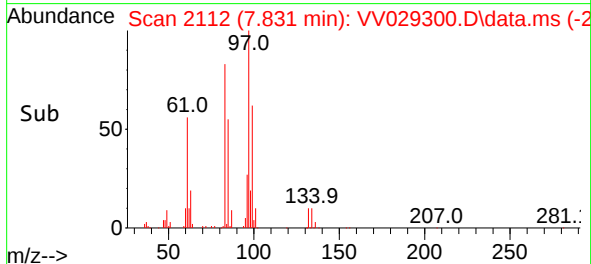
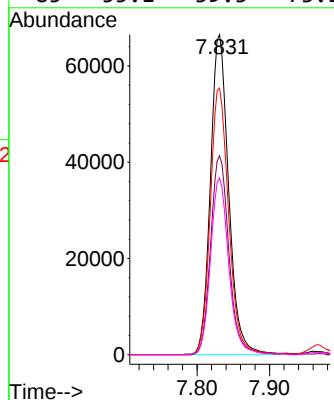
#45
1,1,2-Trichloroethane
Concen: 9.982 ug/L
RT: 7.831 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VV029300.D
Acq: 23 Nov 2022 17:23

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 97 Resp: 116458

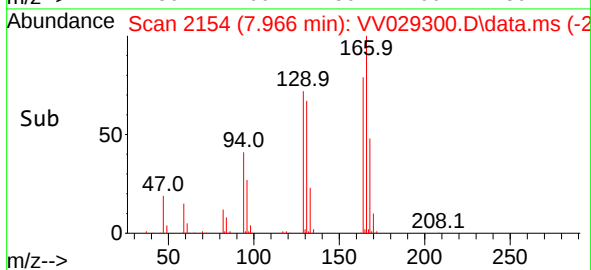
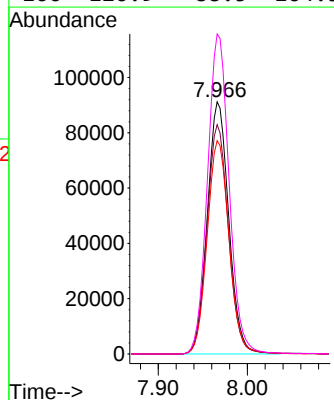
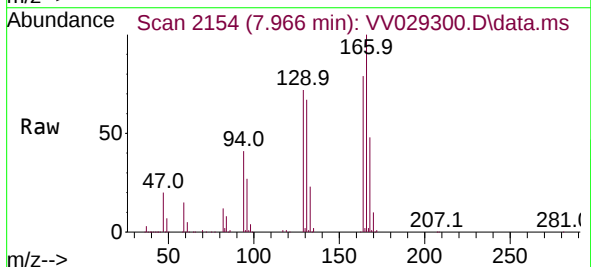
Ion	Ratio	Lower	Upper
97	100		
99	62.2	44.4	82.5
83	83.3	59.5	110.5
85	55.1	39.3	73.1

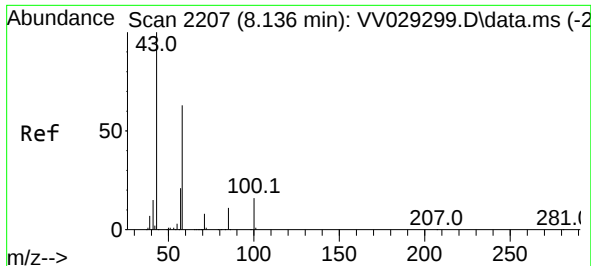


#47
Tetrachloroethene
Concen: 9.980 ug/L
RT: 7.966 min Scan# 2154
Delta R.T. -0.000 min
Lab File: VV029300.D
Acq: 23 Nov 2022 17:23

Tgt Ion: 164 Resp: 152674

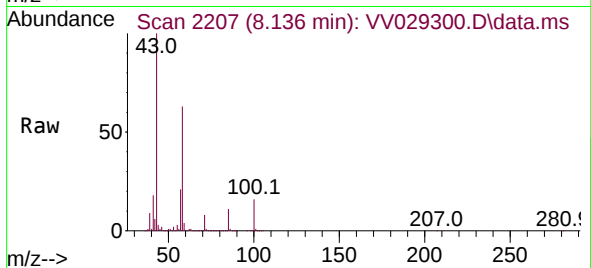
Ion	Ratio	Lower	Upper
164	100		
129	90.9	61.7	114.7
131	84.6	62.9	116.9
166	126.9	88.5	164.3



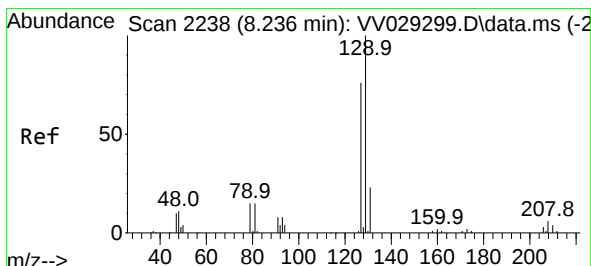
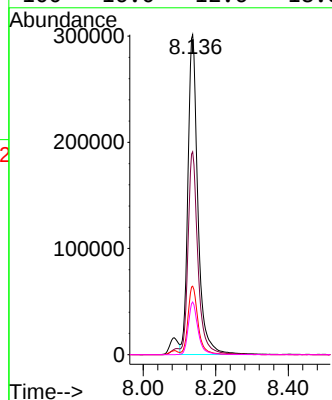
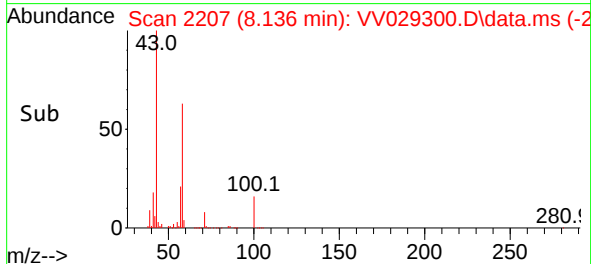


#48
2-Hexanone
Concen: 101.824 ug/L
RT: 8.136 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV029300.D
Acq: 23 Nov 2022 17:23

Instrument :
MSVOA_V
ClientSampleId :

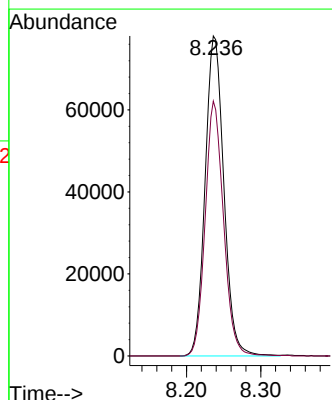
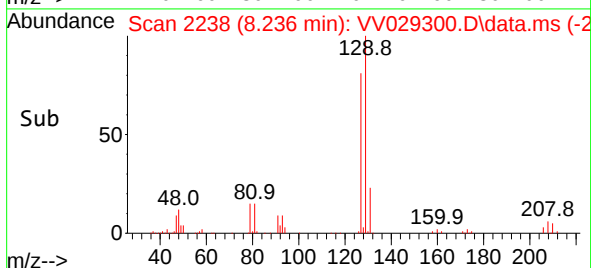
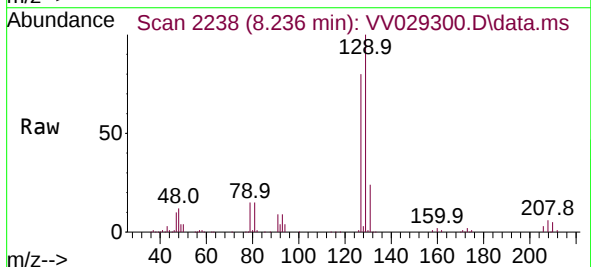


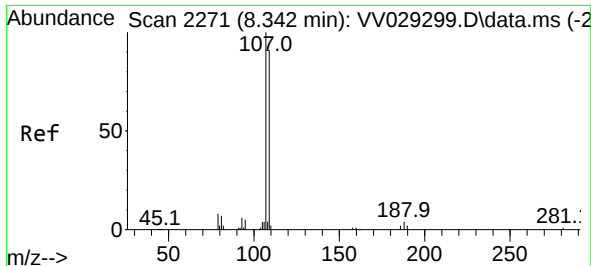
Tgt Ion: 43 Resp: 575916
Ion Ratio Lower Upper
43 100
58 62.8 49.4 74.0
57 21.5 16.9 25.3
100 16.0 12.6 18.8



#49
Dibromochloromethane
Concen: 10.398 ug/L
RT: 8.236 min Scan# 2238
Delta R.T. -0.000 min
Lab File: VV029300.D
Acq: 23 Nov 2022 17:23

Tgt Ion: 129 Resp: 136459
Ion Ratio Lower Upper
129 100
127 79.7 53.1 98.7





#50

1,2-Dibromoethane

Concen: 10.297 ug/L

RT: 8.342 min Scan# 21

Delta R.T. -0.000 min MSVOA_V

Lab File: VV029300.D

Acq: 23 Nov 2022 17:23

Instrument :

MSVOA_V

ClientSampleId :

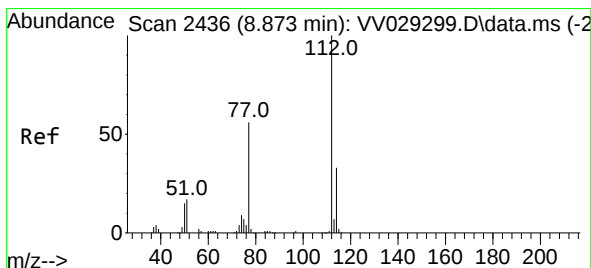
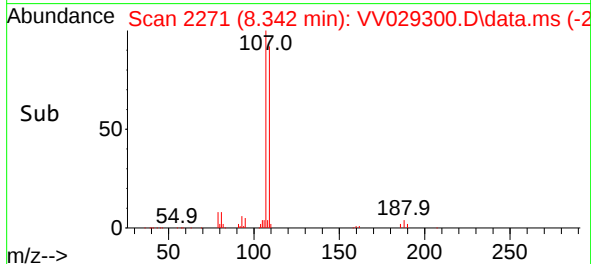
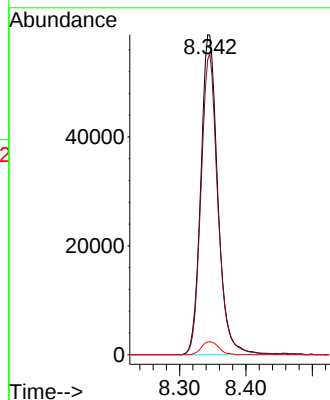
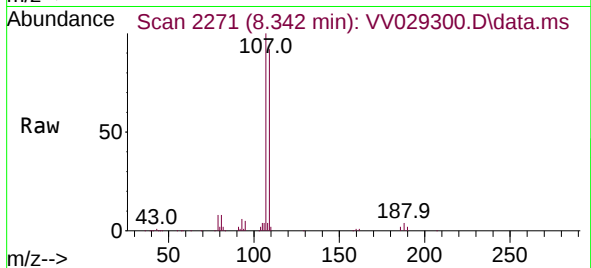
Tgt Ion:107 Resp: 104829

Ion Ratio Lower Upper

107 100

109 92.2 64.0 118.8

188 4.0 3.0 4.4



#51

Chlorobenzene

Concen: 10.188 ug/L

RT: 8.873 min Scan# 2436

Delta R.T. -0.000 min

Lab File: VV029300.D

Acq: 23 Nov 2022 17:23

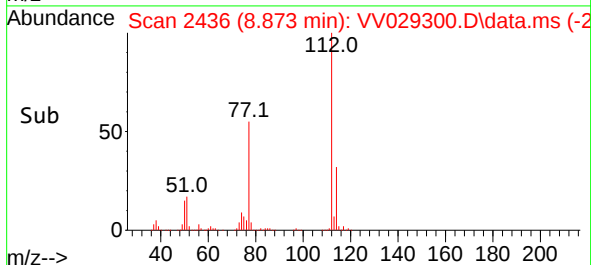
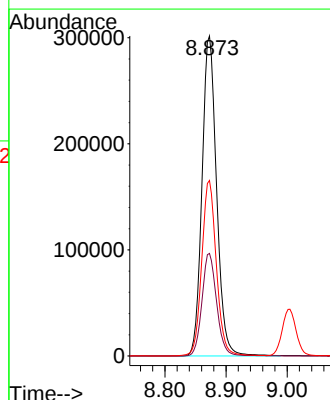
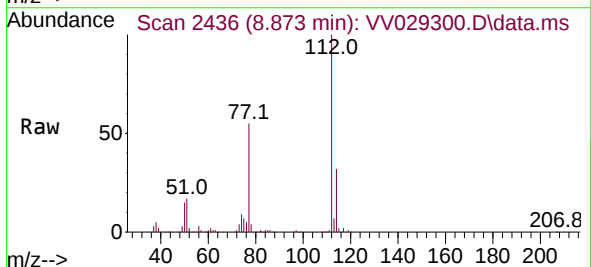
Tgt Ion:112 Resp: 499981

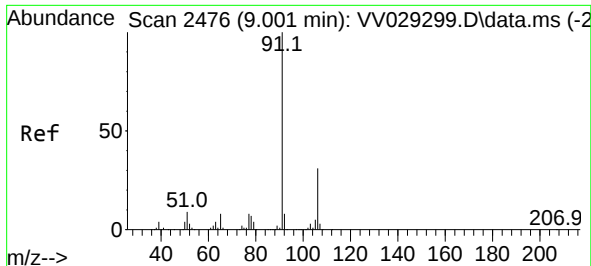
Ion Ratio Lower Upper

112 100

114 32.1 22.9 42.5

77 54.9 45.3 67.9

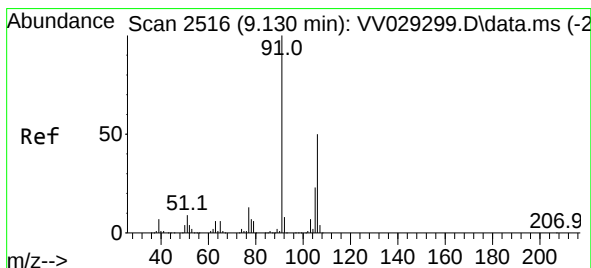
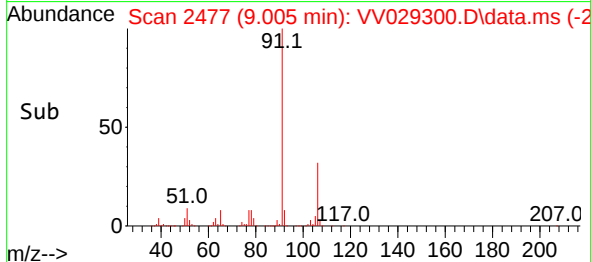
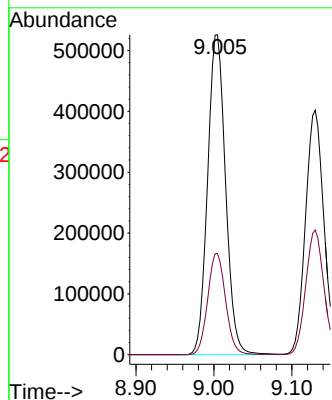
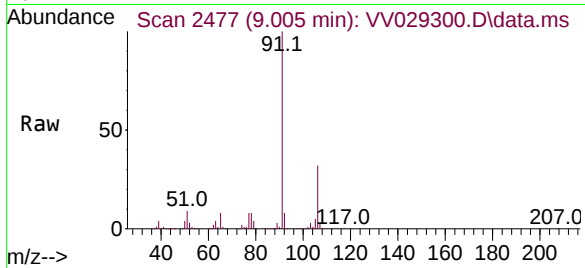




#52
Ethylbenzene
Concen: 10.288 ug/L
RT: 9.005 min Scan# 2476
Delta R.T. 0.003 min
Lab File: VV029300.D
Acq: 23 Nov 2022 17:23

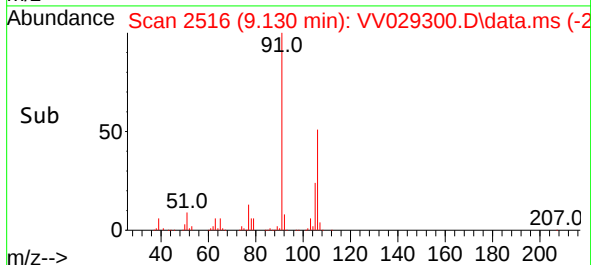
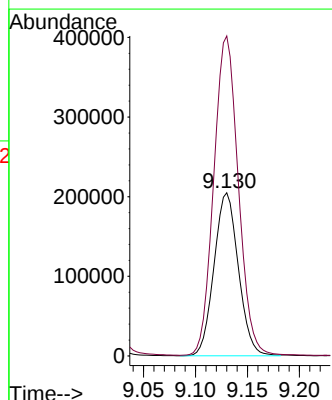
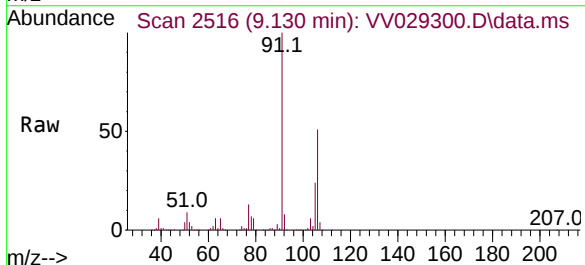
Instrument :
MSVOA_V
ClientSampleId :

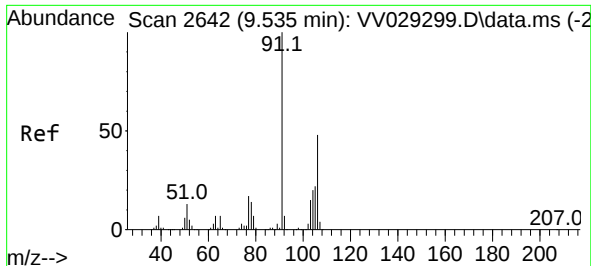
Tgt Ion: 91 Resp: 842170
Ion Ratio Lower Upper
91 100
106 31.6 21.9 40.7



#53
m,p-Xylene
Concen: 10.324 ug/L
RT: 9.130 min Scan# 2516
Delta R.T. -0.000 min
Lab File: VV029300.D
Acq: 23 Nov 2022 17:23

Tgt Ion: 106 Resp: 333331
Ion Ratio Lower Upper
106 100
91 196.1 140.6 261.2

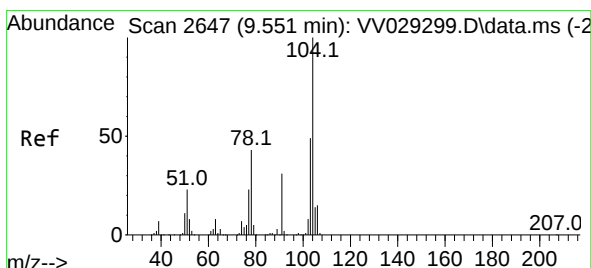
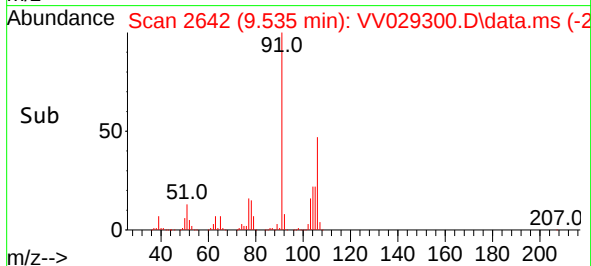
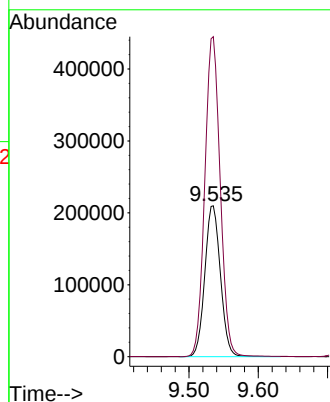
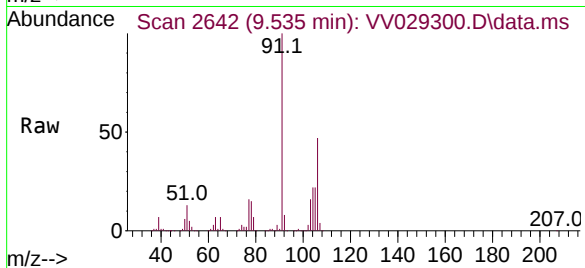




#54
o-Xylene
Concen: 10.316 ug/L
RT: 9.535 min Scan# 2642
Delta R.T. -0.000 min
Lab File: VV029300.D
Acq: 23 Nov 2022 17:23

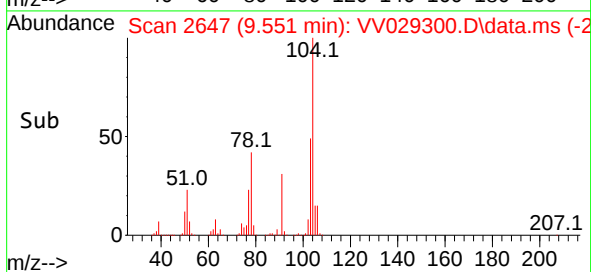
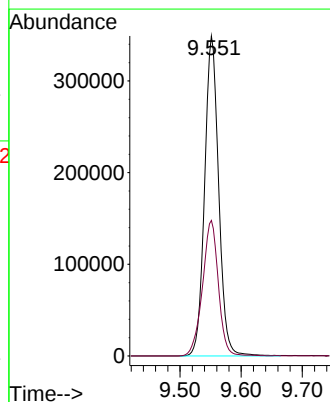
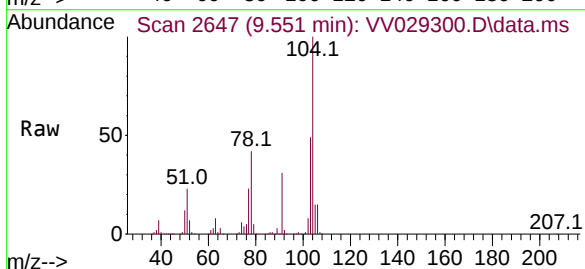
Instrument :
MSVOA_V
ClientSampleId :

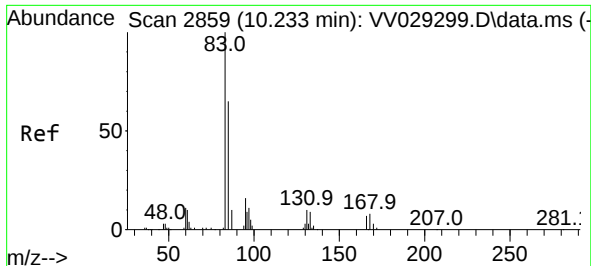
Tgt Ion:106 Resp: 327185
Ion Ratio Lower Upper
106 100
91 212.2 146.9 272.9



#55
Styrene
Concen: 10.423 ug/L
RT: 9.551 min Scan# 2647
Delta R.T. -0.000 min
Lab File: VV029300.D
Acq: 23 Nov 2022 17:23

Tgt Ion:104 Resp: 557989
Ion Ratio Lower Upper
104 100
78 42.3 29.9 55.5





#57

1,1,2,2-Tetrachloroethane

Concen: 10.185 ug/L

RT: 10.233 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV029300.D

Acq: 23 Nov 2022 17:23

Instrument :

MSVOA_V

ClientSampleId :

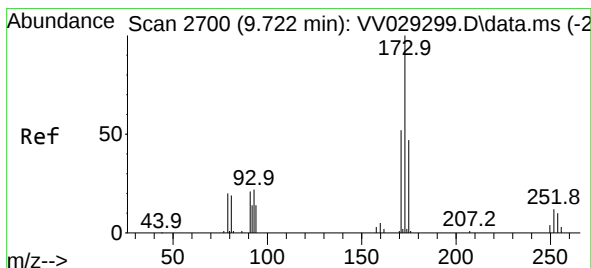
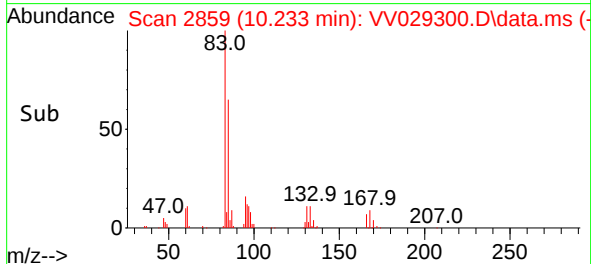
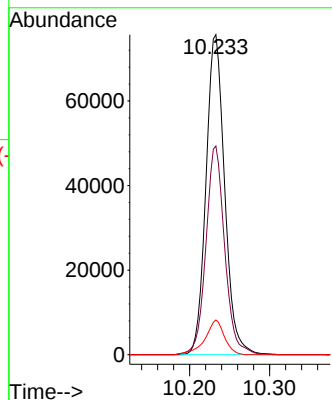
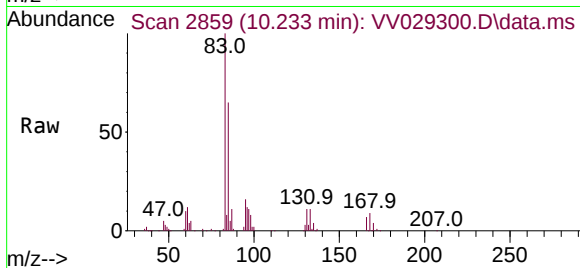
Tgt Ion: 83 Resp: 122951

Ion Ratio Lower Upper

83 100

85 65.2 45.5 84.5

131 10.8 8.2 12.2



#59

Bromoform

Concen: 10.329 ug/L

RT: 9.722 min Scan# 2700

Delta R.T. -0.000 min

Lab File: VV029300.D

Acq: 23 Nov 2022 17:23

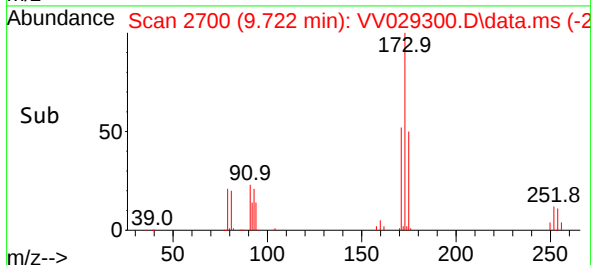
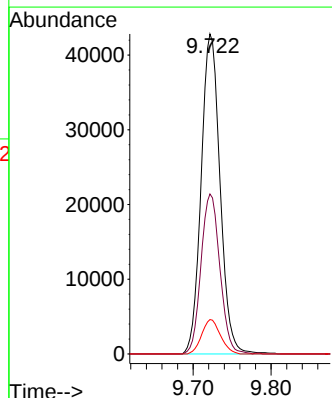
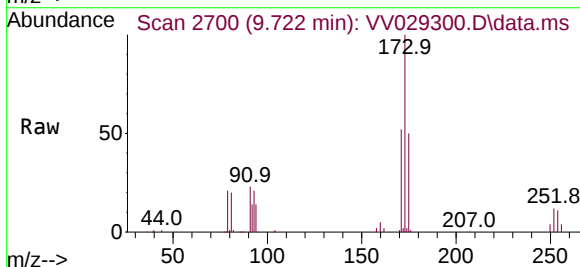
Tgt Ion: 173 Resp: 72136

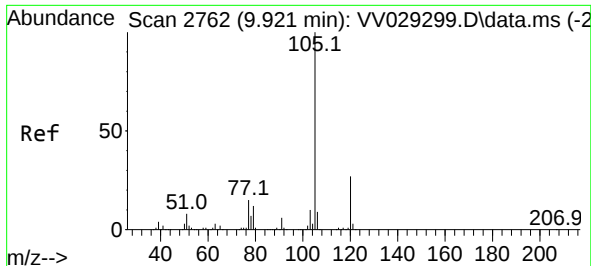
Ion Ratio Lower Upper

173 100

175 49.8 38.6 58.0

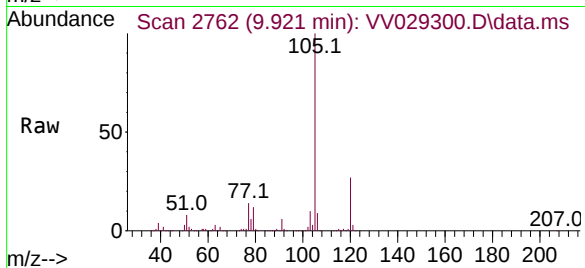
254 10.7 8.3 12.5



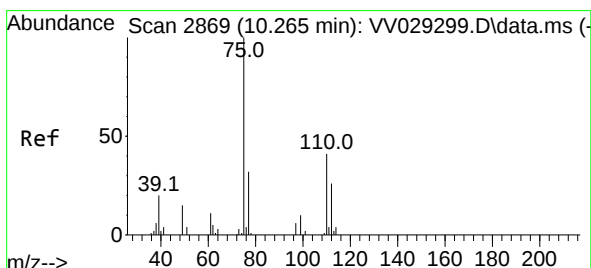
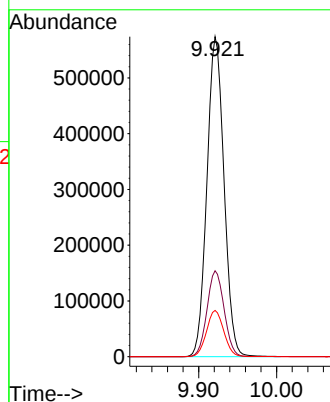
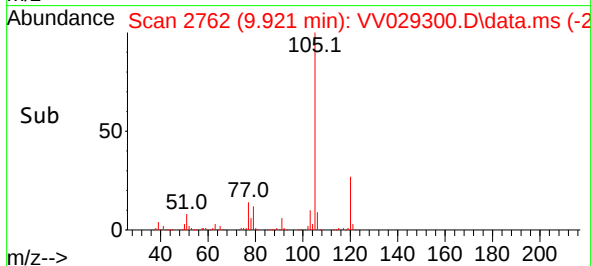


#60
Isopropylbenzene
Concen: 10.173 ug/L
RT: 9.921 min Scan# 2762
Delta R.T. -0.000 min
Lab File: VV029300.D
Acq: 23 Nov 2022 17:23

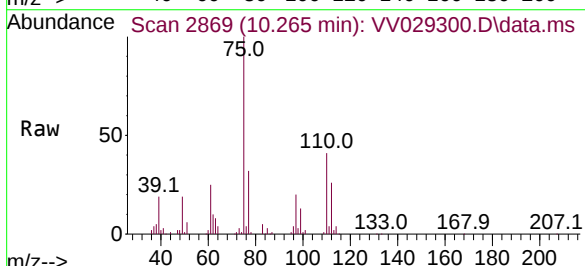
Instrument :
MSVOA_V
ClientSampleId :



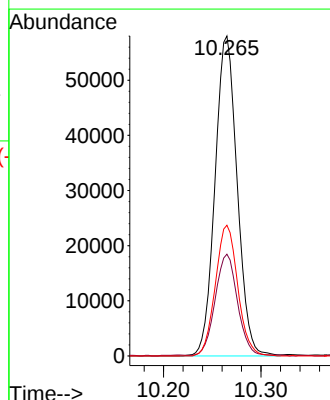
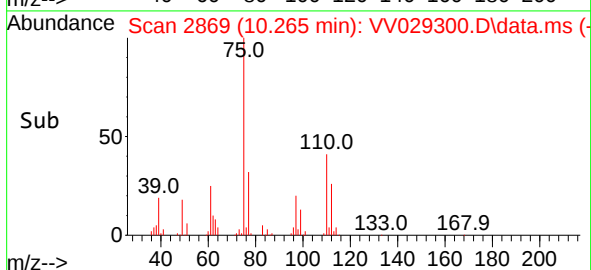
Tgt Ion:105 Resp: 874421
Ion Ratio Lower Upper
105 100
120 26.9 21.4 32.2
77 14.7 11.8 17.8

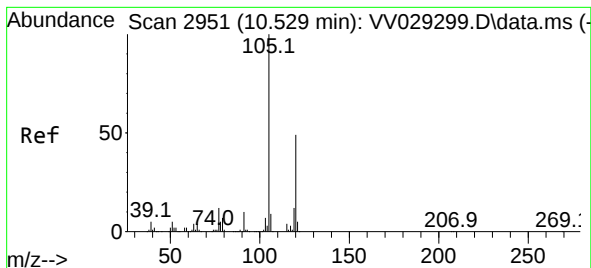


#61
1,2,3-Trichloropropane
Concen: 9.942 ug/L
RT: 10.265 min Scan# 2869
Delta R.T. -0.000 min
Lab File: VV029300.D
Acq: 23 Nov 2022 17:23



Tgt Ion: 75 Resp: 91663
Ion Ratio Lower Upper
75 100
77 32.4 26.7 40.1
110 41.3 32.2 48.4





#62

1,3,5-Trimethylbenzene

Concen: 10.234 ug/L

RT: 10.529 min Scan# 2951

Delta R.T. -0.000 min

Lab File: VV029300.D

Acq: 23 Nov 2022 17:23

Instrument :

MSVOA_V

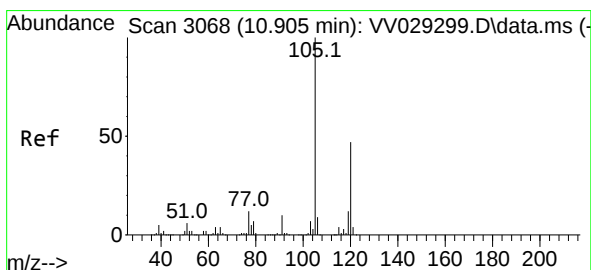
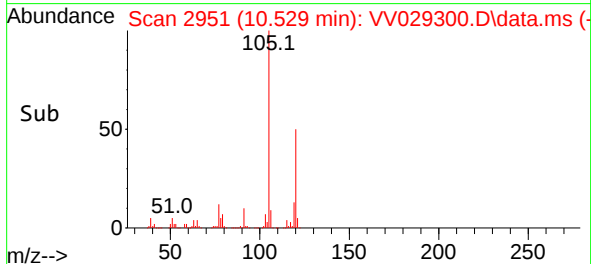
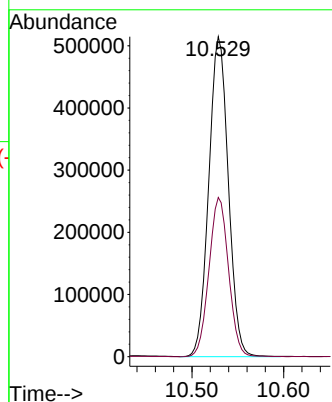
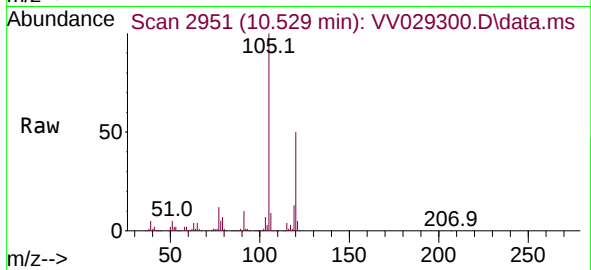
ClientSampleId :

Tgt Ion:105 Resp: 761636

Ion Ratio Lower Upper

105 100

120 49.9 39.6 59.4



#63

1,2,4-Trimethylbenzene

Concen: 10.221 ug/L

RT: 10.905 min Scan# 3068

Delta R.T. -0.000 min

Lab File: VV029300.D

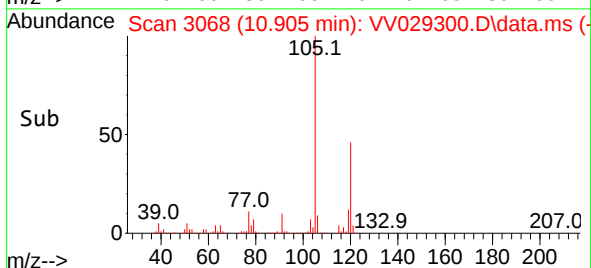
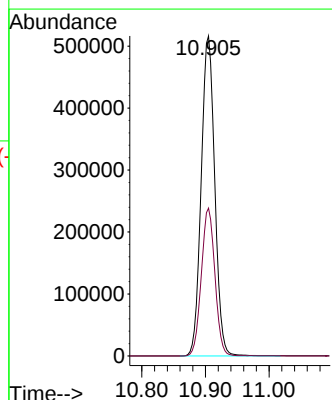
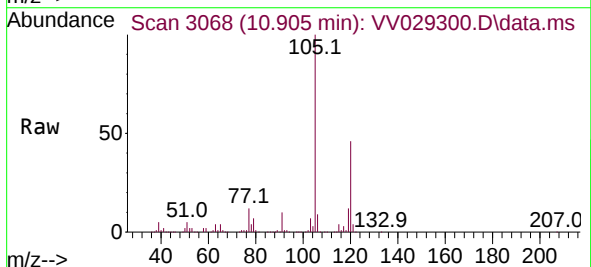
Acq: 23 Nov 2022 17:23

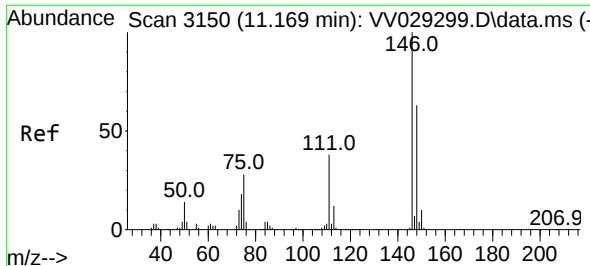
Tgt Ion:105 Resp: 765123

Ion Ratio Lower Upper

105 100

120 46.2 37.2 55.8

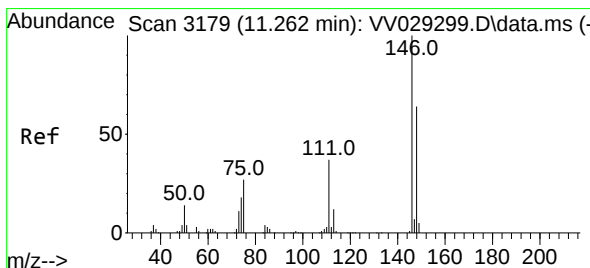
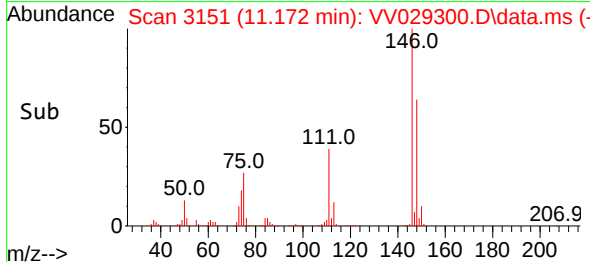
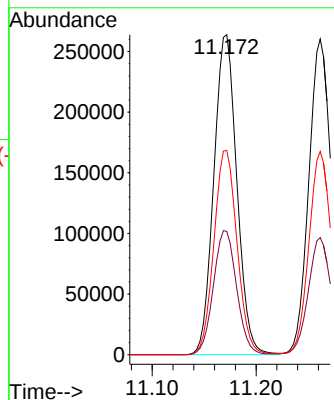
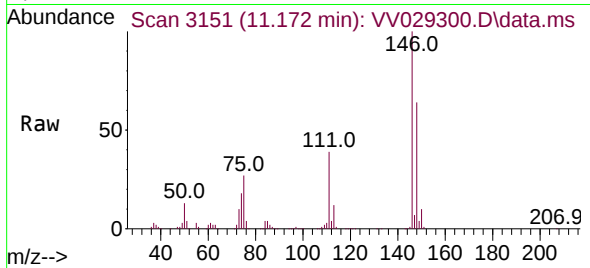




#64
1,3-Dichlorobenzene
Concen: 10.153 ug/L
RT: 11.172 min Scan# 3151
Delta R.T. 0.003 min
Lab File: VV029300.D
Acq: 23 Nov 2022 17:23

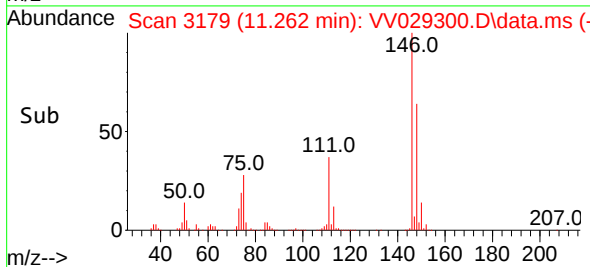
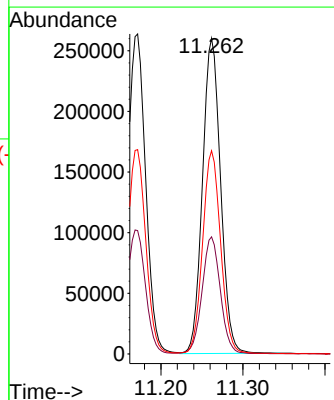
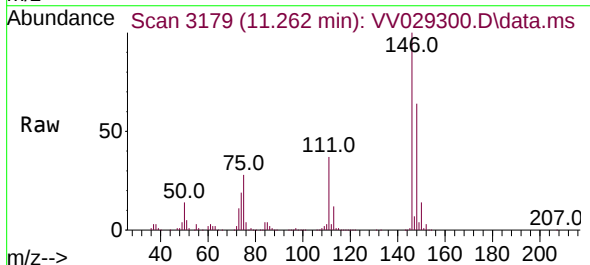
Instrument :
MSVOA_V
ClientSampleId :

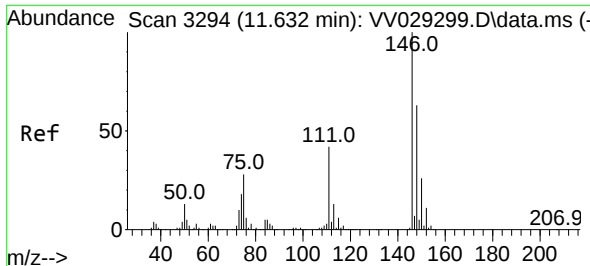
Tgt Ion:146 Resp: 407127
Ion Ratio Lower Upper
146 100
111 38.5 26.3 48.9
148 63.9 44.4 82.4



#65
1,4-Dichlorobenzene
Concen: 10.044 ug/L
RT: 11.262 min Scan# 3179
Delta R.T. -0.000 min
Lab File: VV029300.D
Acq: 23 Nov 2022 17:23

Tgt Ion:146 Resp: 398449
Ion Ratio Lower Upper
146 100
111 37.1 26.0 48.4
148 64.4 44.7 82.9





#67

1,2-Dichlorobenzene

Concen: 10.112 ug/L

RT: 11.631 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV029300.D

Acq: 23 Nov 2022 17:23

Instrument :

MSVOA_V

ClientSampleId :

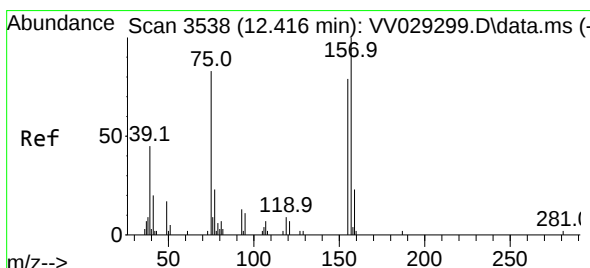
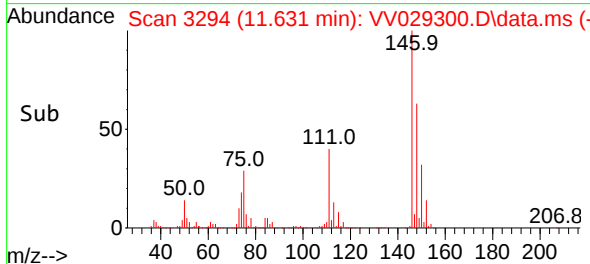
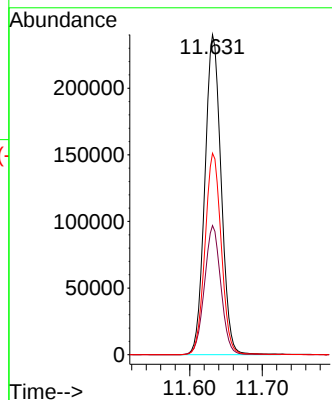
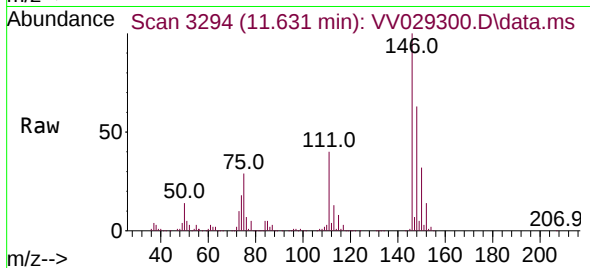
Tgt Ion:146 Resp: 373577

Ion Ratio Lower Upper

146 100

111 40.3 33.5 50.3

148 63.0 50.7 76.1



#68

1,2-Dibromo-3-chloropropane

Concen: 9.985 ug/L

RT: 12.416 min Scan# 3538

Delta R.T. -0.000 min

Lab File: VV029300.D

Acq: 23 Nov 2022 17:23

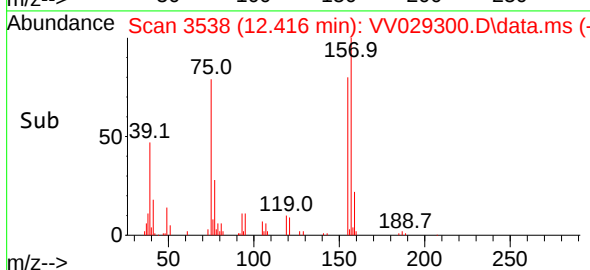
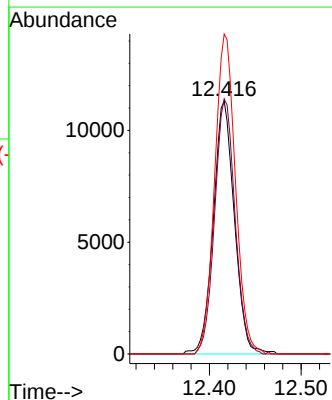
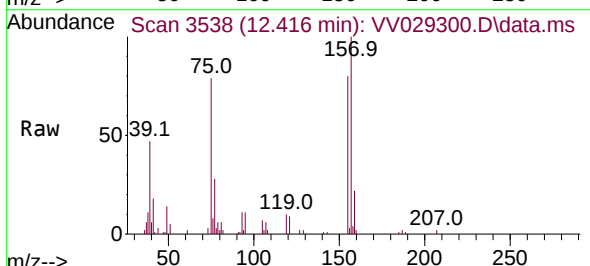
Tgt Ion: 75 Resp: 18081

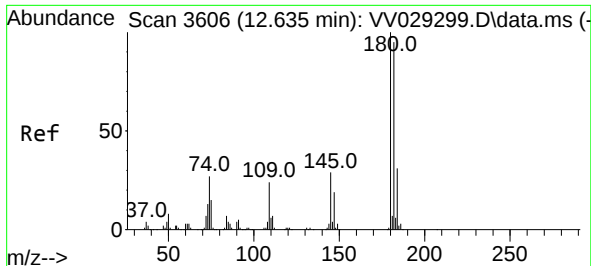
Ion Ratio Lower Upper

75 100

155 100.9 76.6 115.0

157 126.5 96.9 145.3

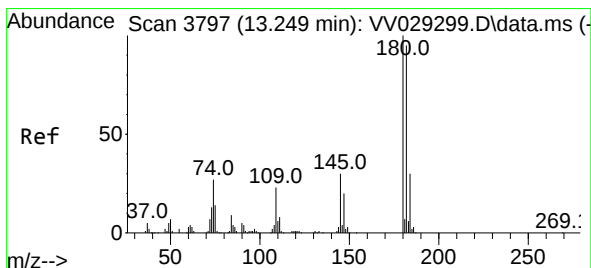
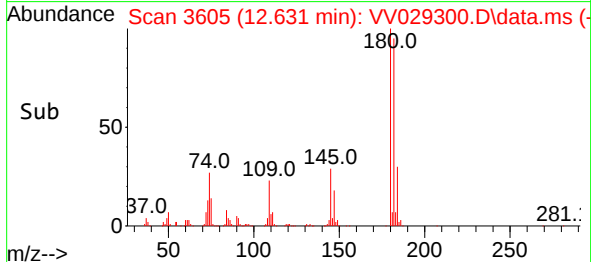
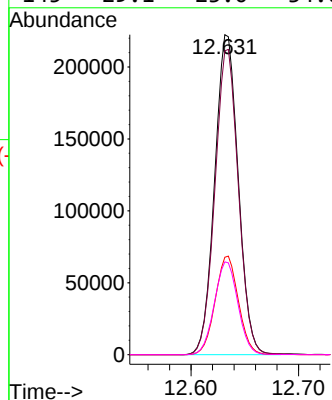
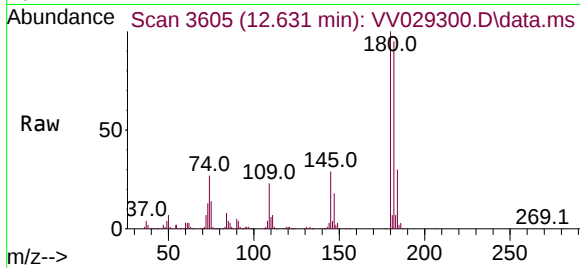




#69
 1,3,5-Trichlorobenzene
 Concen: 10.242 ug/L
 RT: 12.631 min Scan# 3605
 Delta R.T. -0.003 min
 Lab File: VV029300.D
 Acq: 23 Nov 2022 17:23

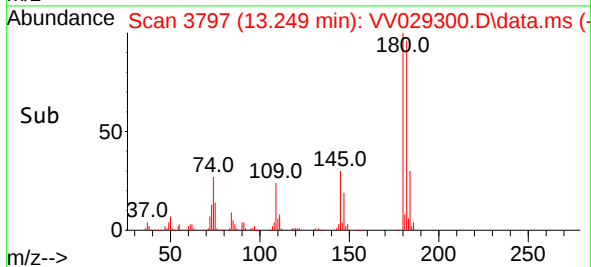
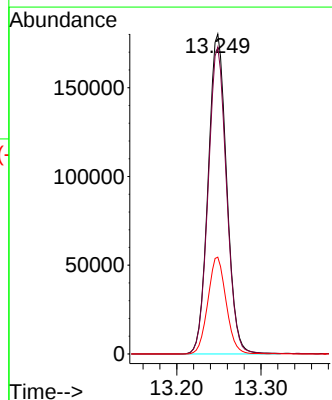
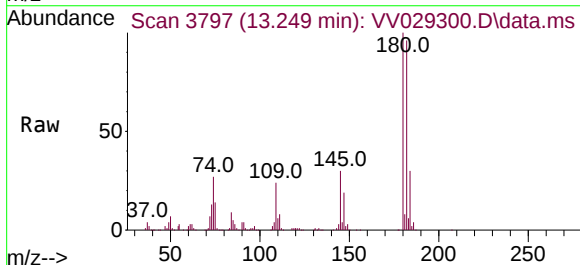
Instrument :
 MSVOA_V
 ClientSampleId :

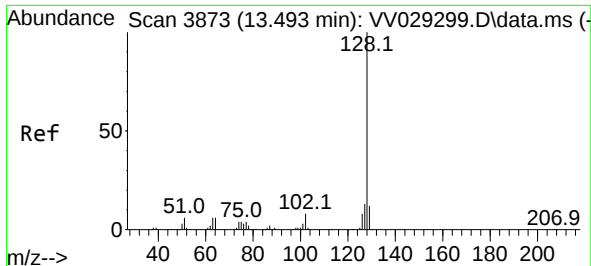
Tgt Ion:180 Resp: 338367
 Ion Ratio Lower Upper
 180 100
 182 95.2 77.0 115.6
 184 30.4 24.4 36.6
 145 29.1 23.0 34.6



#70
 1,2,4-trichlorobenzene
 Concen: 10.311 ug/L
 RT: 13.249 min Scan# 3797
 Delta R.T. -0.000 min
 Lab File: VV029300.D
 Acq: 23 Nov 2022 17:23

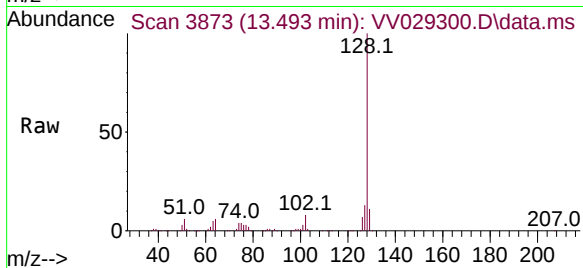
Tgt Ion:180 Resp: 276022
 Ion Ratio Lower Upper
 180 100
 182 95.4 76.2 114.4
 145 29.8 23.4 35.0



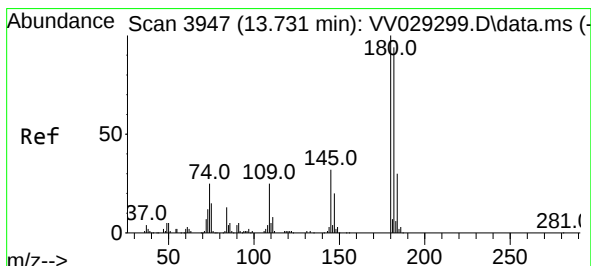
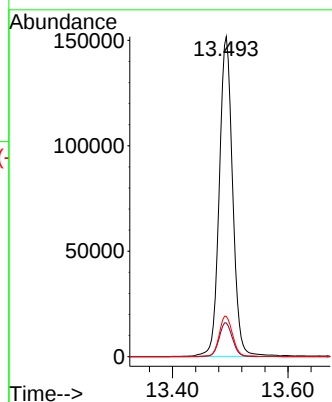
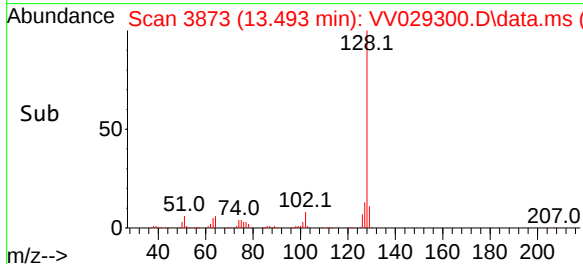


#71
Naphthalene
Concen: 10.467 ug/L
RT: 13.493 min Scan# 3873
Delta R.T. -0.000 min
Lab File: VV029300.D
Acq: 23 Nov 2022 17:23

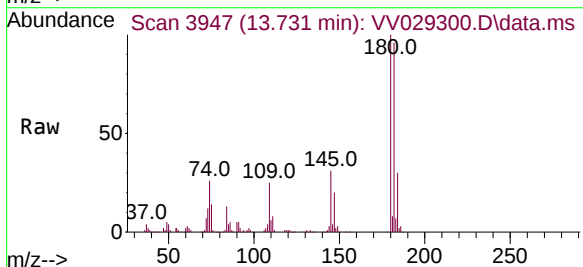
Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 242574
Ion Ratio Lower Upper
128 100
129 10.7 8.9 13.3
127 12.9 10.6 15.8



#72
1,2,3-Trichlorobenzene
Concen: 10.461 ug/L
RT: 13.731 min Scan# 3947
Delta R.T. -0.000 min
Lab File: VV029300.D
Acq: 23 Nov 2022 17:23



Tgt Ion:180 Resp: 227974
Ion Ratio Lower Upper
180 100
182 94.9 75.0 112.4
145 31.2 25.2 37.8

