

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW112322\
 Data File : VW029302.D
 Acq On : 23 Nov 2022 18:13
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 24 01:34:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 24 01:27:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	337249	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	295893	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	157255	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	86551	4.170	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.400%
7) Chloroethane-d5	1.564	69	64337	4.235	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.600%
11) 1,1-Dichloroethene-d2	2.105	63	153259	4.615	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.200%
20) 2-Butanone-d5	3.905	46	137025	39.466	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	78.940%
24) Chloroform-d	4.339	84	160388	4.330	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.600%
26) 1,2-Dichloroethane-d4	5.024	65	70628	4.333	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.600%
32) Benzene-d6	5.040	84	341323	4.174	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.400%
36) 1,2-Dichloropropane-d6	6.063	67	93734	4.079	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	81.600%
41) Toluene-d8	7.307	98	329273	4.266	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.400%
43) trans-1,3-Dichloroprop...	7.612	79	39074	4.410	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.200%
46) 2-Hexanone-d5	8.085	63	135002	42.749	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.500%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	63255	4.461	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.200%
66) 1,2-Dichlorobenzene-d4	11.612	152	122806	4.470	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	127101	5.051	ug/L	100
3) Chloromethane	1.240	50	108538	4.708	ug/L	99
5) Vinyl chloride	1.307	62	117970	5.135	ug/L	100
6) Bromomethane	1.519	94	76885	5.363	ug/L	97
8) Chloroethane	1.581	64	70858	5.189	ug/L	97
9) Trichlorofluoromethane	1.751	101	170627	5.306	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	95988	5.353	ug/L	100
12) 1,1-Dichloroethene	2.114	96	92891	5.357	ug/L	93
13) Acetone	2.204	43	117306	46.468	ug/L	98
14) Carbon disulfide	2.288	76	271200	5.382	ug/L	99
15) Methyl Acetate	2.442	43	28935	3.988	ug/L #	88
16) Methylene chloride	2.500	84	123207	4.650	ug/L	98
17) Methyl tert-butyl Ether	2.764	73	235125	5.303	ug/L	100
18) trans-1,2-Dichloroethene	2.754	96	107470	5.400	ug/L	98
19) 1,1-Dichloroethane	3.182	63	191061	5.334	ug/L	97
21) 2-Butanone	3.989	43	192576	48.729	ug/L	98
22) cis-1,2-Dichloroethene	3.902	96	118833	5.220	ug/L	96
23) Bromochloromethane	4.240	128	50989	5.592	ug/L	95
25) Chloroform	4.365	83	197195	5.272	ug/L	99

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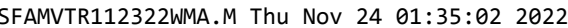
Instrument :
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 ClientSampleId :

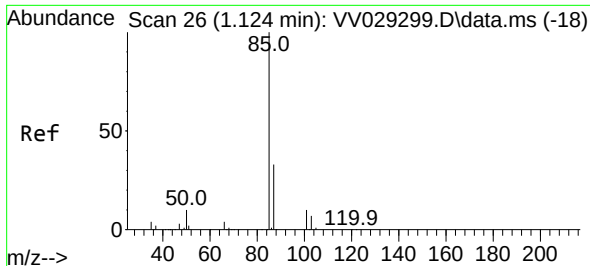
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.124	62	105648	5.214	ug/L	99
29) 1,1,1-Trichloroethane	4.597	97	178617	5.248	ug/L	98
30) Cyclohexane	4.670	56	171530	5.099	ug/L	99
31) Carbon tetrachloride	4.818	117	151952	5.279	ug/L	100
33) Benzene	5.092	78	453400	5.123	ug/L	100
34) Trichloroethene	5.905	95	116925	5.179	ug/L	98
35) Methylcyclohexane	6.124	83	195047	5.118	ug/L	99
37) 1,2-Dichloropropane	6.166	63	108023	5.182	ug/L	99
38) Bromodichloromethane	6.503	83	131325	5.262	ug/L	99
39) cis-1,3-Dichloropropene	7.021	75	160617	5.271	ug/L	98
40) 4-Methyl-2-pentanone	7.223	43	502428	51.504	ug/L	97
42) Toluene	7.378	91	492123	5.181	ug/L	98
44) trans-1,3-Dichloropropene	7.641	75	128789	5.335	ug/L	99
45) 1,1,2-Trichloroethane	7.831	97	74192	5.257	ug/L	96
47) Tetrachloroethene	7.966	164	97455	5.266	ug/L	99
48) 2-Hexanone	8.137	43	352139	51.780	ug/L	98
49) Dibromochloromethane	8.236	129	86415	5.443	ug/L	100
50) 1,2-Dibromoethane	8.342	107	65298	5.302	ug/L	99
51) Chlorobenzene	8.873	112	320193	5.393	ug/L	97
52) Ethylbenzene	9.001	91	536558	5.418	ug/L	100
53) m,p-Xylene	9.130	106	210883	5.399	ug/L	98
54) o-Xylene	9.535	106	208802	5.442	ug/L	99
55) Styrene	9.551	104	358470	5.535	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.233	83	78034	5.343	ug/L	98
59) Bromoform	9.722	173	46629	5.644	ug/L	99
60) Isopropylbenzene	9.921	105	562150	5.529	ug/L	100
61) 1,2,3-Trichloropropane	10.265	75	58121	5.329	ug/L	99
62) 1,3,5-Trimethylbenzene	10.529	105	482821	5.485	ug/L	99
63) 1,2,4-Trimethylbenzene	10.905	105	486678	5.496	ug/L	100
64) 1,3-Dichlorobenzene	11.172	146	264640	5.579	ug/L	99
65) 1,4-Dichlorobenzene	11.262	146	259942	5.539	ug/L	99
67) 1,2-Dichlorobenzene	11.632	146	241041	5.516	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.416	75	11549	5.392	ug/L	96
69) 1,3,5-Trichlorobenzene	12.632	180	218301	5.586	ug/L	98
70) 1,2,4-trichlorobenzene	13.249	180	181913	5.745	ug/L	100
71) Naphthalene	13.493	128	236030	8.610	ug/L	99
72) 1,2,3-Trichlorobenzene	13.731	180	153230	5.944	ug/L	99

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

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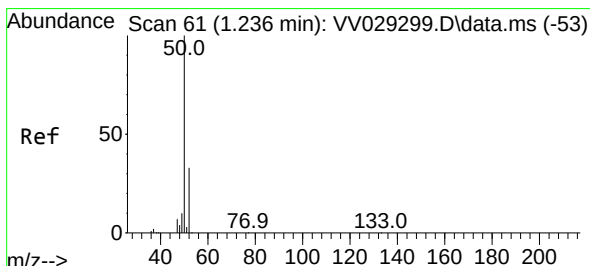
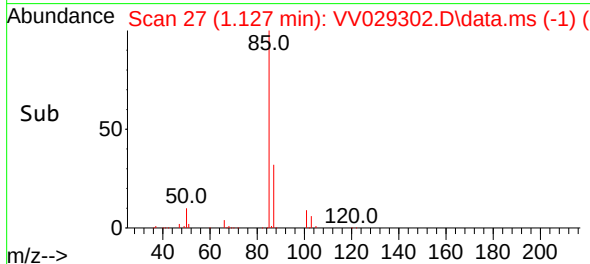
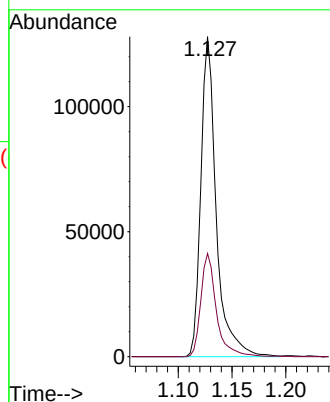
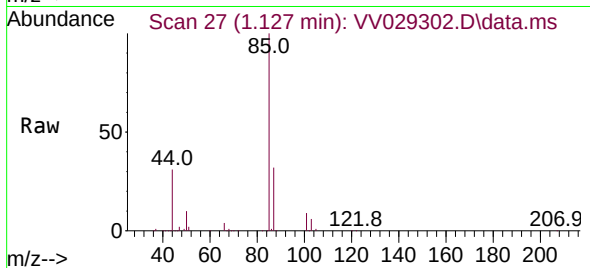




#2
Dichlorodifluoromethane
Concen: 5.051 ug/L
RT: 1.127 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV029302.D
Acq: 23 Nov 2022 18:13

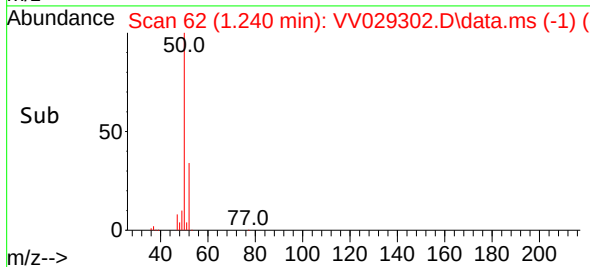
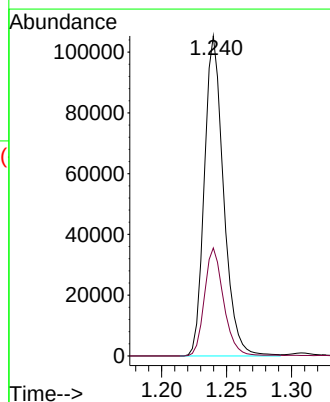
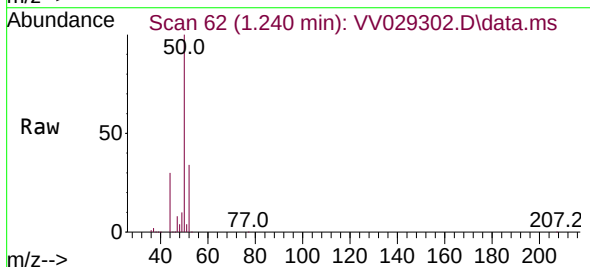
Instrument :
MSVOA_V
ClientSampleId :

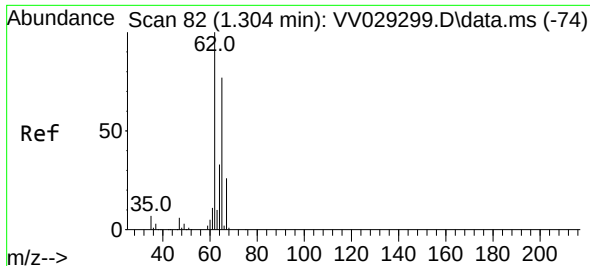
Tgt Ion: 85 Resp: 127101
Ion Ratio Lower Upper
85 100
87 32.8 26.2 39.4



#3
Chloromethane
Concen: 4.708 ug/L
RT: 1.240 min Scan# 62
Delta R.T. 0.003 min
Lab File: VV029302.D
Acq: 23 Nov 2022 18:13

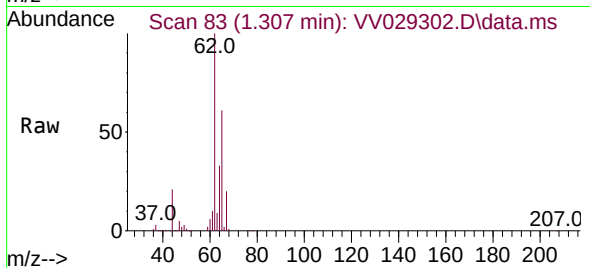
Tgt Ion: 50 Resp: 108538
Ion Ratio Lower Upper
50 100
52 33.7 23.2 43.2



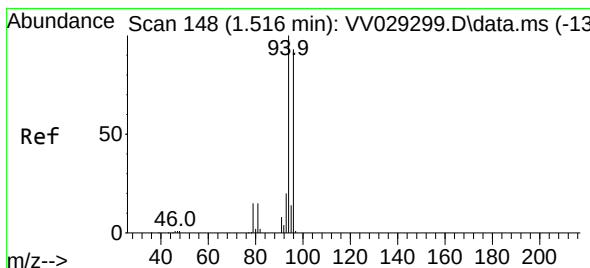
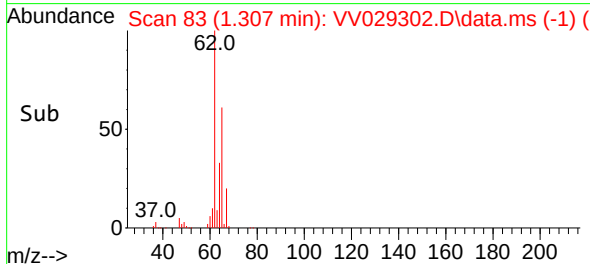
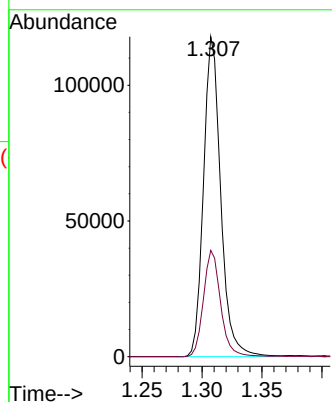


#5
 Vinyl chloride
 Concen: 5.135 ug/L
 RT: 1.307 min Scan# 81
 Delta R.T. 0.003 min
 Lab File: VV029302.D
 Acq: 23 Nov 2022 18:13

Instrument :
 MSVOA_V
 ClientSampleId :

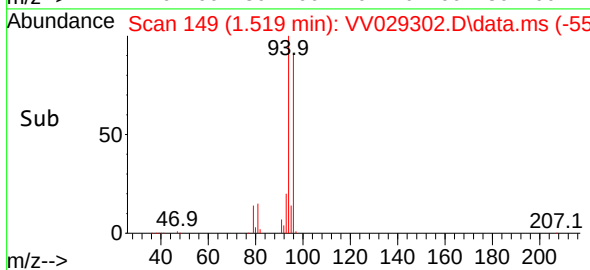
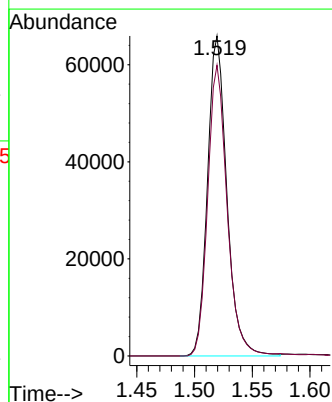
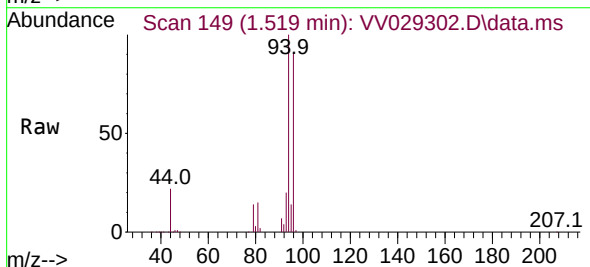


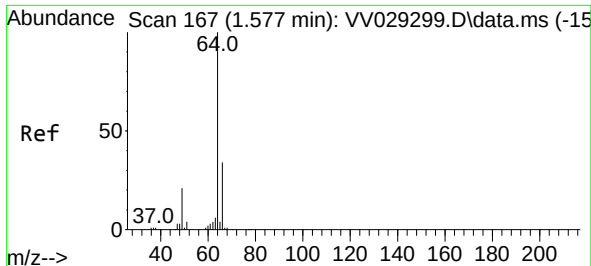
Tgt Ion: 62 Resp: 117970
 Ion Ratio Lower Upper
 62 100
 64 33.2 23.4 43.4



#6
 Bromomethane
 Concen: 5.363 ug/L
 RT: 1.519 min Scan# 149
 Delta R.T. 0.003 min
 Lab File: VV029302.D
 Acq: 23 Nov 2022 18:13

Tgt Ion: 94 Resp: 76885
 Ion Ratio Lower Upper
 94 100
 96 90.9 65.4 121.4

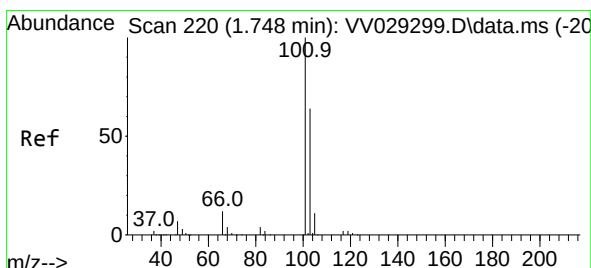
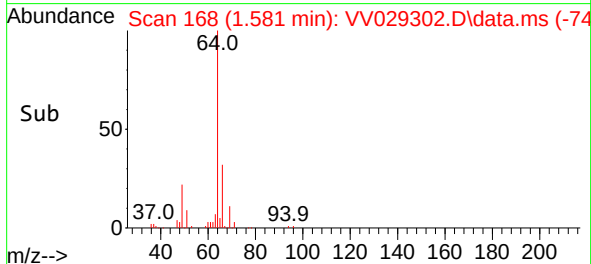
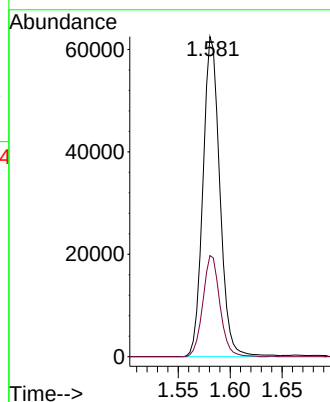
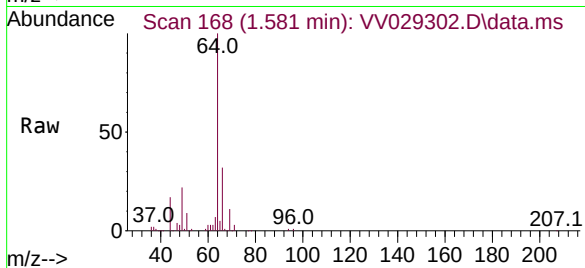




#8
Chloroethane
Concen: 5.189 ug/L
RT: 1.581 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV029302.D
Acq: 23 Nov 2022 18:13

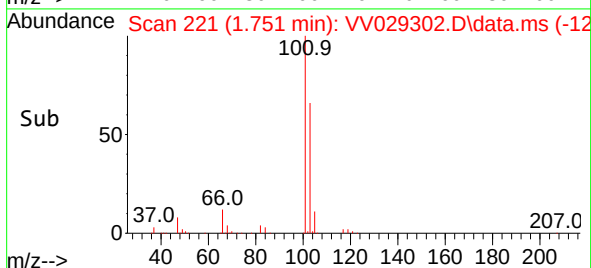
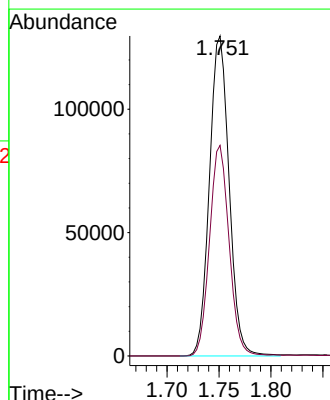
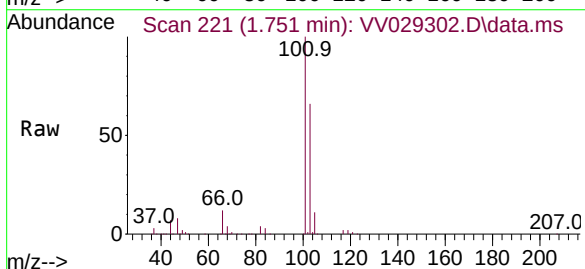
Instrument :
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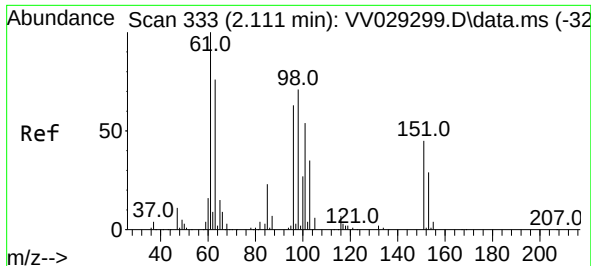
Tgt Ion: 64 Resp: 70858
Ion Ratio Lower Upper
64 100
66 31.6 23.5 43.7



#9
Trichlorofluoromethane
Concen: 5.306 ug/L
RT: 1.751 min Scan# 221
Delta R.T. 0.003 min
Lab File: VV029302.D
Acq: 23 Nov 2022 18:13

Tgt Ion:101 Resp: 170627
Ion Ratio Lower Upper
101 100
103 65.5 51.8 77.8

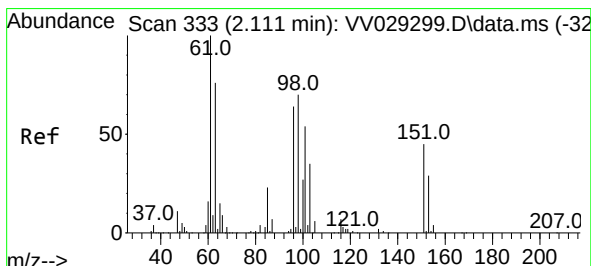
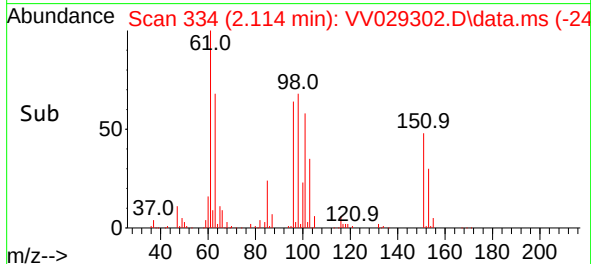
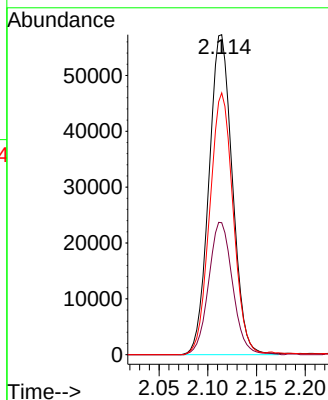
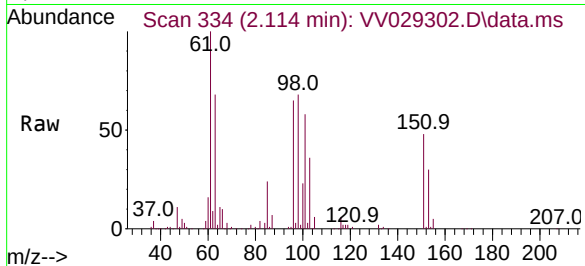




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.353 ug/L
RT: 2.114 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV029302.D
Acq: 23 Nov 2022 18:13

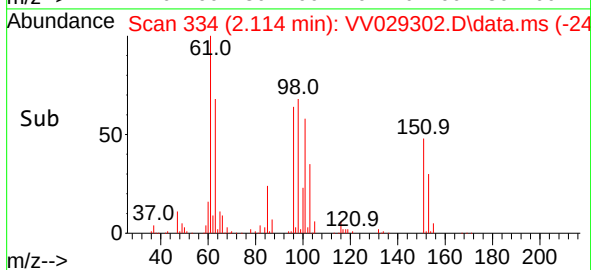
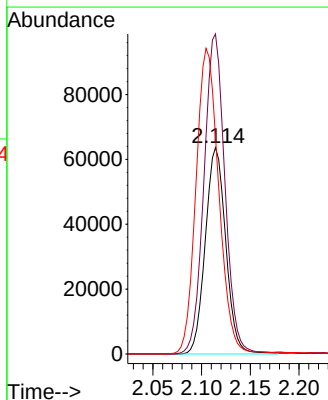
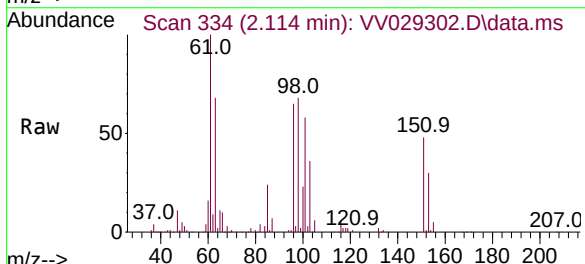
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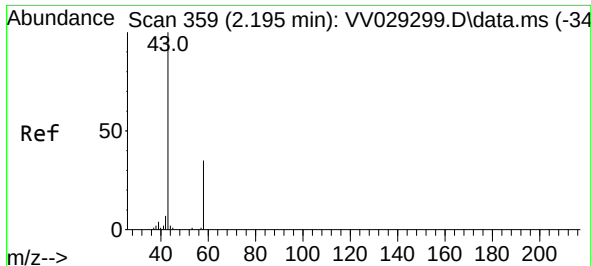
Tgt Ion:101 Resp: 95988
Ion Ratio Lower Upper
101 100
85 42.2 33.6 50.4
151 81.6 65.3 97.9



#12
1,1-Dichloroethene
Concen: 5.357 ug/L
RT: 2.114 min Scan# 334
Delta R.T. 0.003 min
Lab File: VV029302.D
Acq: 23 Nov 2022 18:13

Tgt Ion: 96 Resp: 92891
Ion Ratio Lower Upper
96 100
61 155.0 110.3 204.9
63 105.4 84.4 156.8





#13

Acetone

Concen: 46.468 ug/L

RT: 2.204 min Scan# 3

Delta R.T. 0.010 min

Lab File: VV029302.D

Acq: 23 Nov 2022 18:13

Instrument :

MSVOA_V

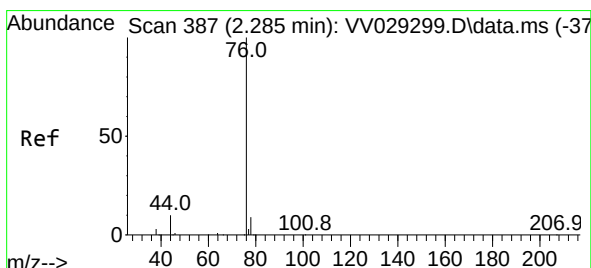
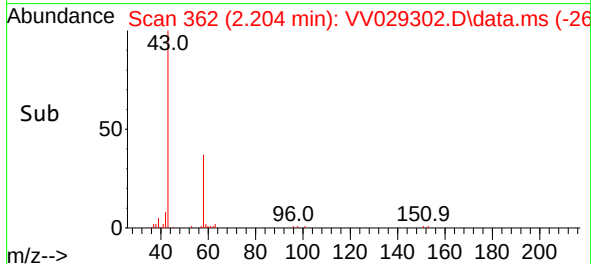
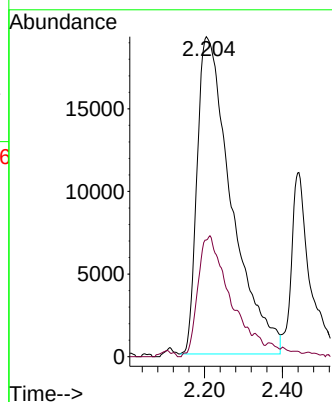
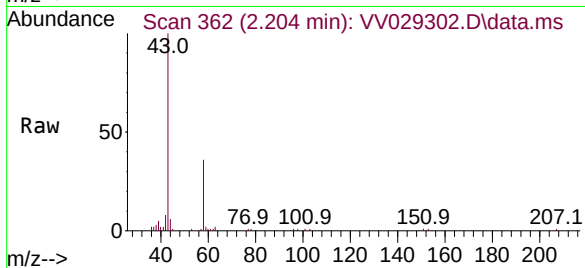
ClientSampleId :

Tgt Ion: 43 Resp: 117306

Ion Ratio Lower Upper

43 100

58 34.2 0.0 70.8



#14

Carbon disulfide

Concen: 5.382 ug/L

RT: 2.288 min Scan# 388

Delta R.T. 0.003 min

Lab File: VV029302.D

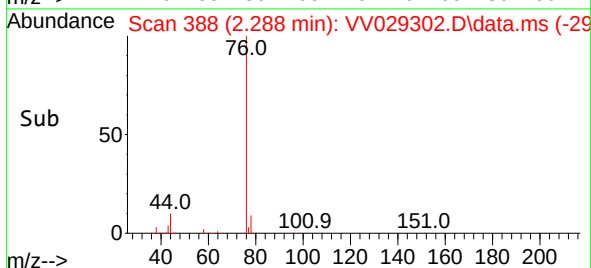
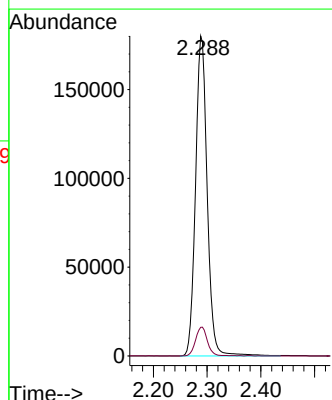
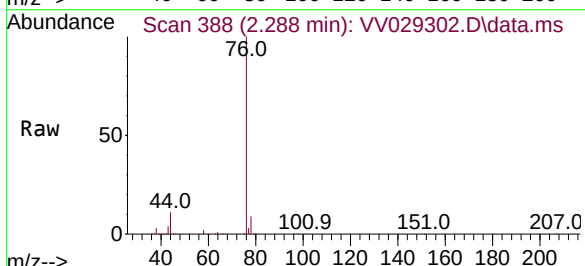
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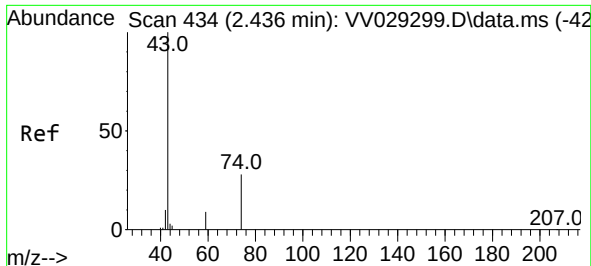
Tgt Ion: 76 Resp: 271200

Ion Ratio Lower Upper

76 100

78 9.0 7.4 11.2

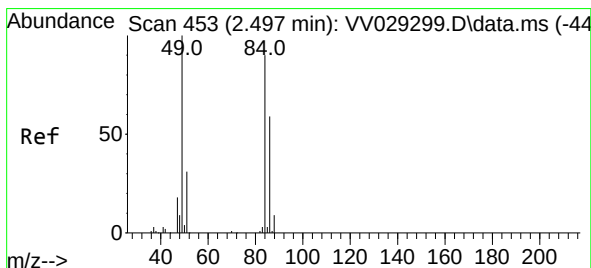
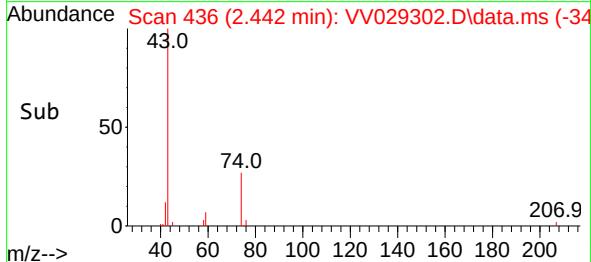
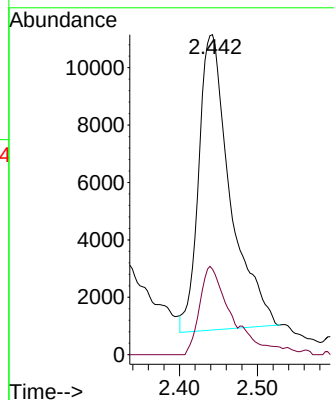
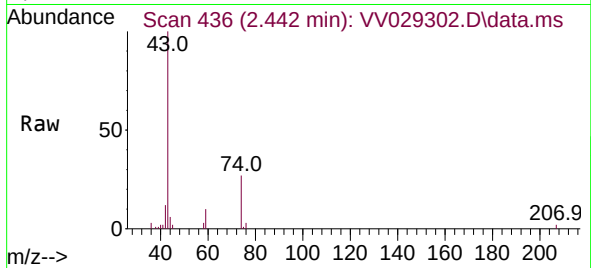




#15
Methyl Acetate
Concen: 3.988 ug/L
RT: 2.442 min Scan# 41
Delta R.T. 0.007 min
Lab File: VV029302.D
Acq: 23 Nov 2022 18:13

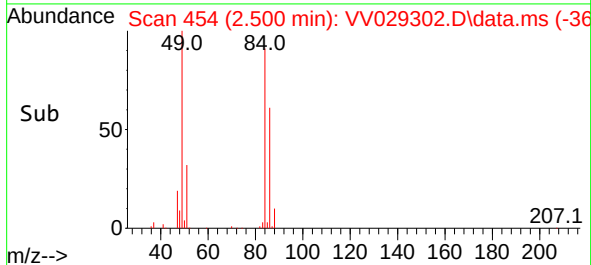
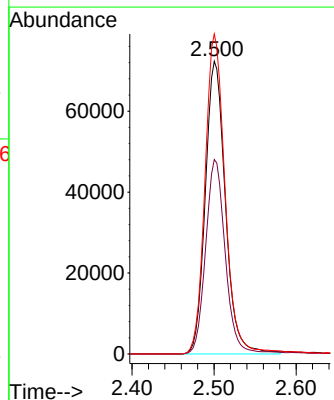
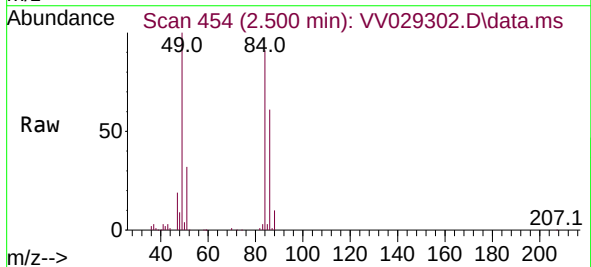
Instrument :
MSVOA_V
ClientSampleId :

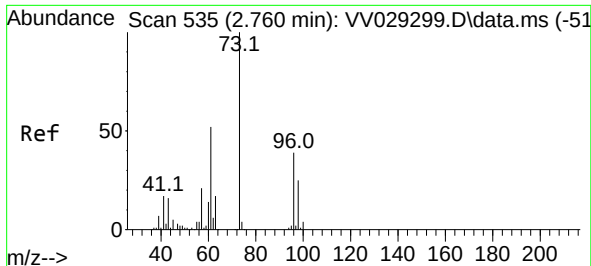
Tgt Ion: 43 Resp: 28935
Ion Ratio Lower Upper
43 100
74 30.5 19.6 29.4#



#16
Methylene chloride
Concen: 4.650 ug/L
RT: 2.500 min Scan# 454
Delta R.T. 0.003 min
Lab File: VV029302.D
Acq: 23 Nov 2022 18:13

Tgt Ion: 84 Resp: 123207
Ion Ratio Lower Upper
84 100
86 66.4 45.6 84.6
49 109.3 77.8 144.4

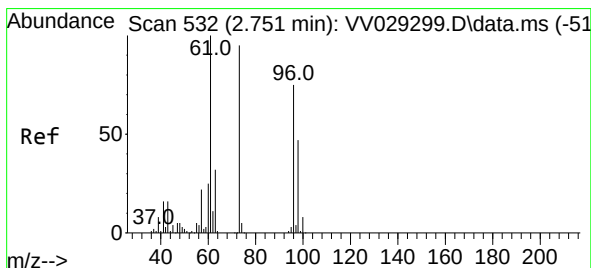
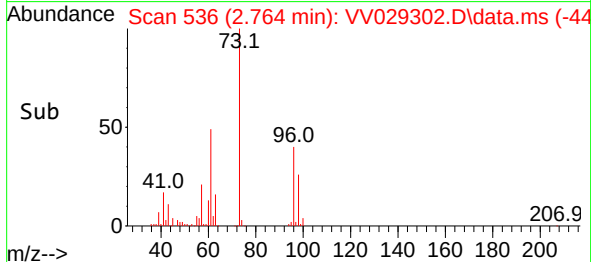
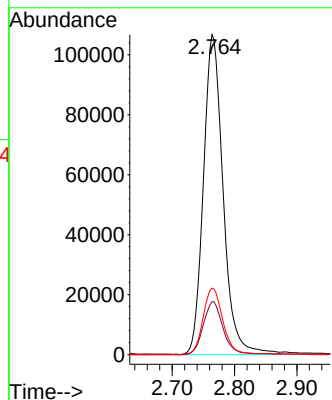
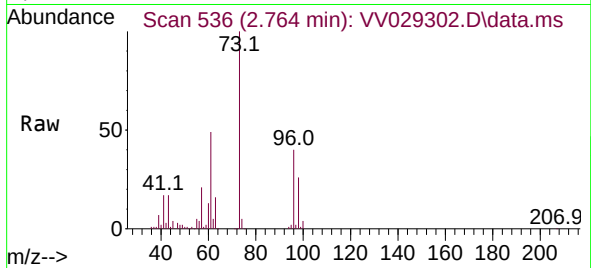




#17
Methyl tert-butyl Ether
Concen: 5.303 ug/L
RT: 2.764 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV029302.D
Acq: 23 Nov 2022 18:13

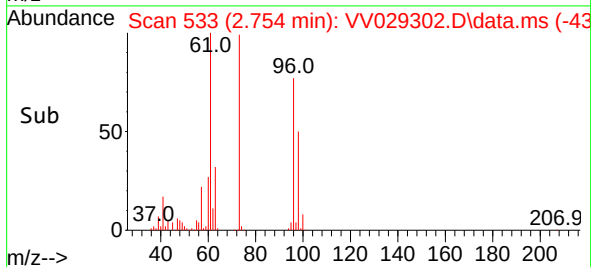
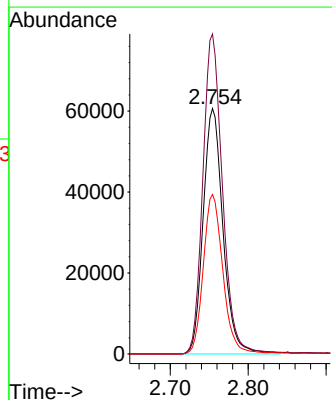
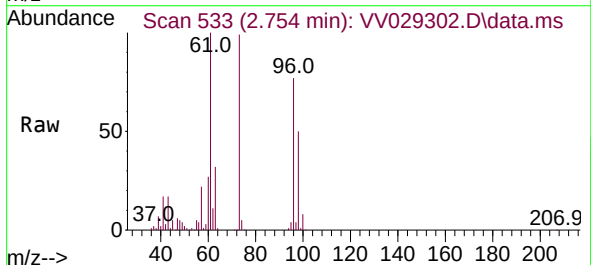
Instrument :
MSVOA_V
ClientSampleId :

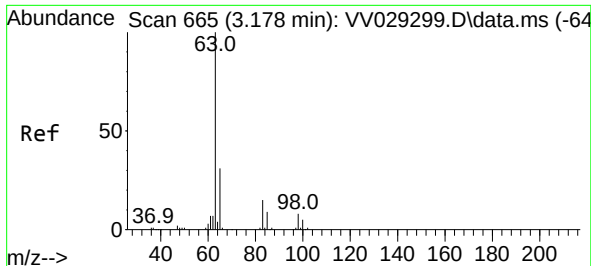
Tgt Ion: 73 Resp: 235125
Ion Ratio Lower Upper
73 100
43 16.3 13.2 19.8
57 21.0 16.9 25.3



#18
trans-1,2-Dichloroethene
Concen: 5.400 ug/L
RT: 2.754 min Scan# 533
Delta R.T. 0.003 min
Lab File: VV029302.D
Acq: 23 Nov 2022 18:13

Tgt Ion: 96 Resp: 107470
Ion Ratio Lower Upper
96 100
61 130.4 93.0 172.6
98 65.0 44.0 81.8





#19

1,1-Dichloroethane

Concen: 5.334 ug/L

RT: 3.182 min Scan# 6

Delta R.T. 0.003 min

Lab File: VV029302.D

Acq: 23 Nov 2022 18:13

Instrument :

MSVOA_V

ClientSampleId :

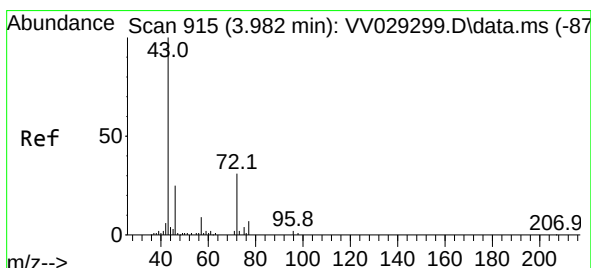
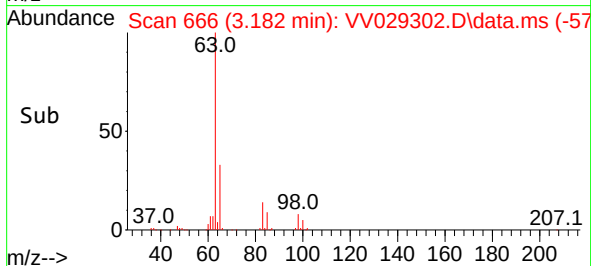
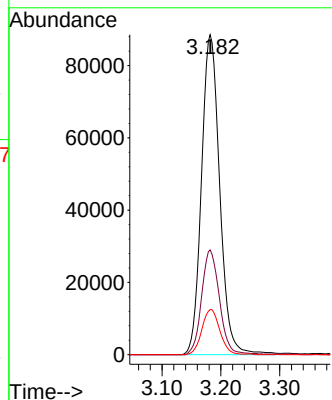
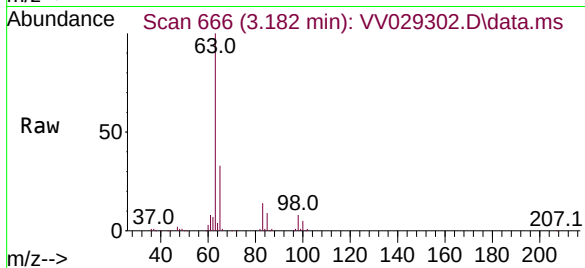
Tgt Ion: 63 Resp: 191061

Ion Ratio Lower Upper

63 100

65 32.8 21.6 40.2

83 14.1 10.3 19.1



#21

2-Butanone

Concen: 48.729 ug/L

RT: 3.989 min Scan# 917

Delta R.T. 0.007 min

Lab File: VV029302.D

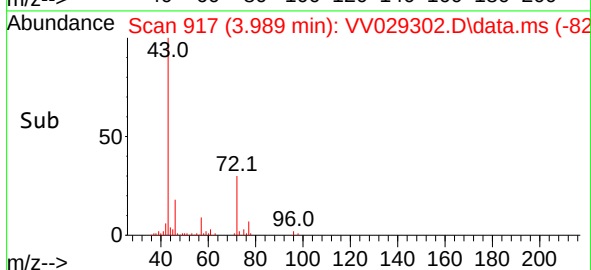
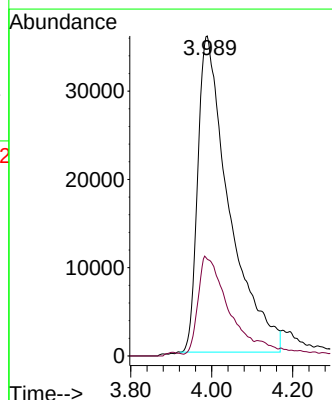
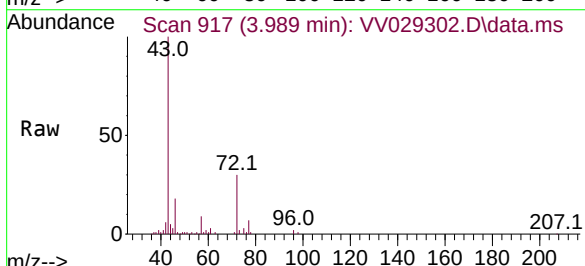
Acq: 23 Nov 2022 18:13

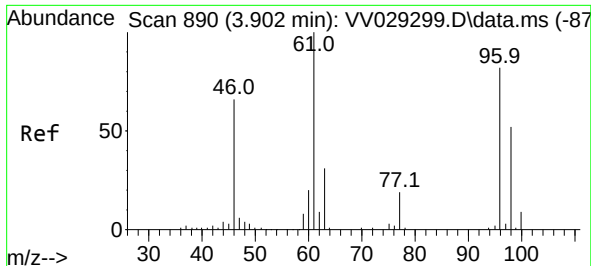
Tgt Ion: 43 Resp: 192576

Ion Ratio Lower Upper

43 100

72 28.3 13.8 41.3





#22

cis-1,2-Dichloroethene

Concen: 5.220 ug/L

RT: 3.902 min Scan# 890

Delta R.T. 0.000 min

Lab File: VV029302.D

Acq: 23 Nov 2022 18:13

Instrument :

MSVOA_V

ClientSampleId :

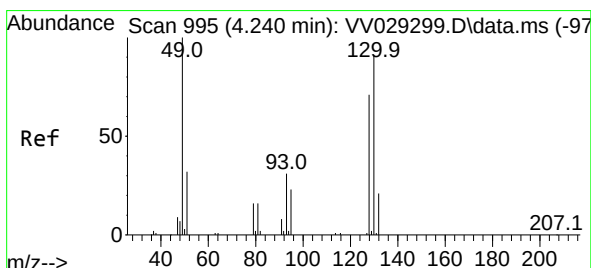
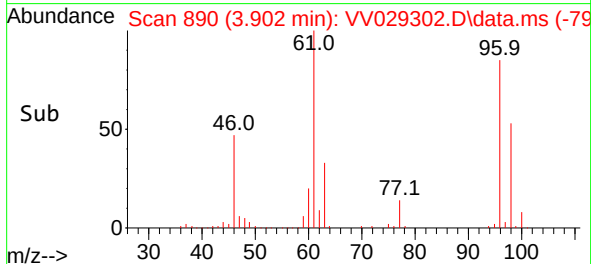
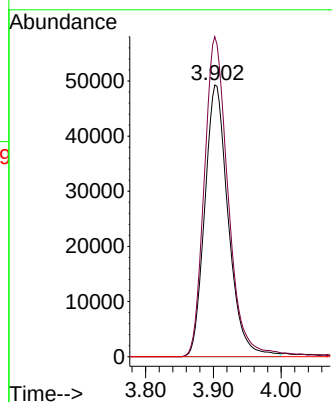
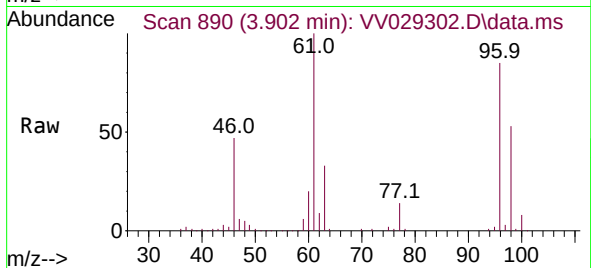
Tgt Ion: 96 Resp: 118833

Ion Ratio Lower Upper

96 100

61 117.8 85.8 159.3

68 0.0 0.0 0.0



#23

Bromochloromethane

Concen: 5.592 ug/L

RT: 4.240 min Scan# 995

Delta R.T. 0.000 min

Lab File: VV029302.D

Acq: 23 Nov 2022 18:13

Tgt Ion: 128 Resp: 50989

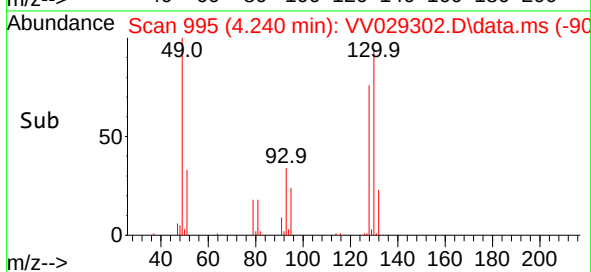
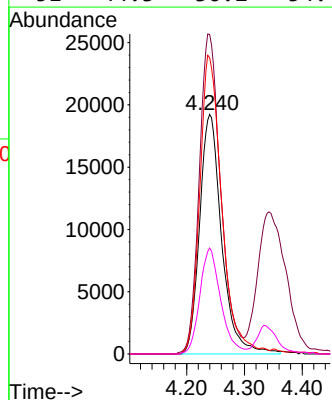
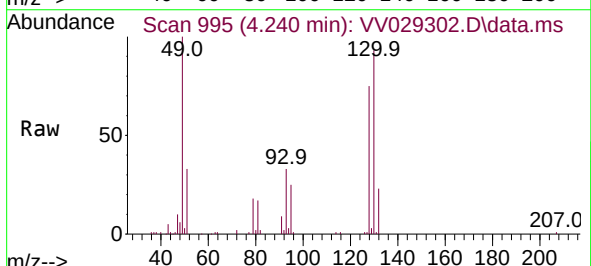
Ion Ratio Lower Upper

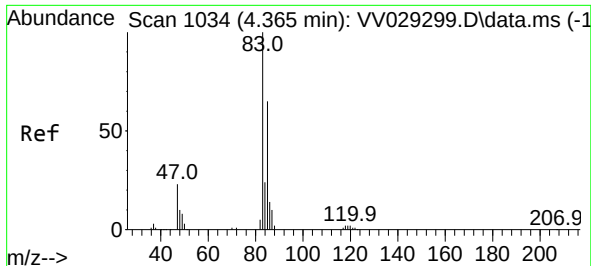
128 100

49 133.4 100.0 185.8

130 123.8 90.2 167.6

51 44.3 36.2 54.4

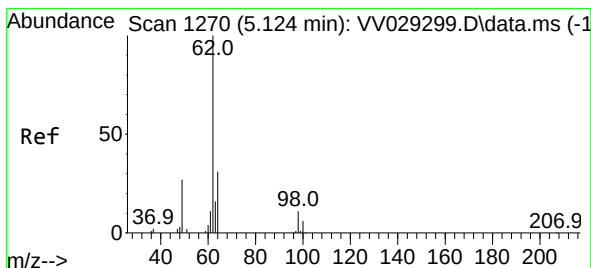
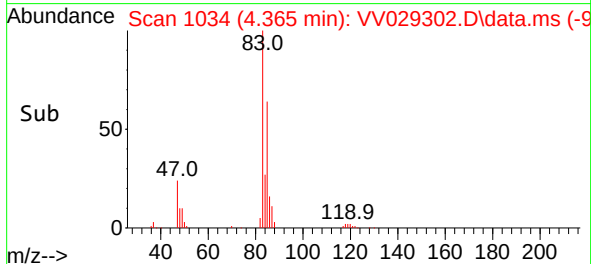
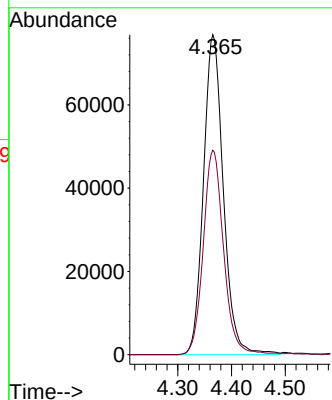
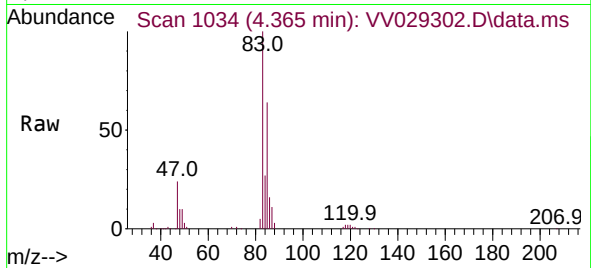




#25
Chloroform
Concen: 5.272 ug/L
RT: 4.365 min Scan# 1034
Delta R.T. 0.000 min
Lab File: VV029302.D
Acq: 23 Nov 2022 18:13

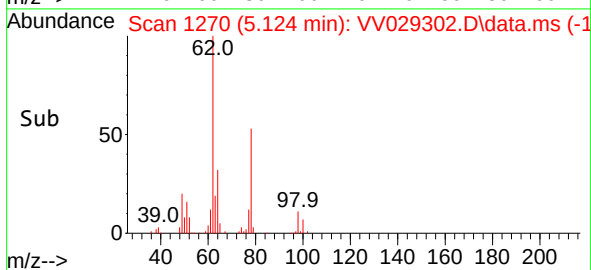
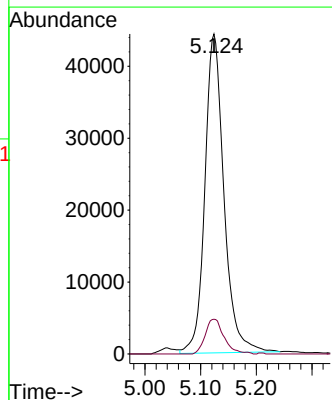
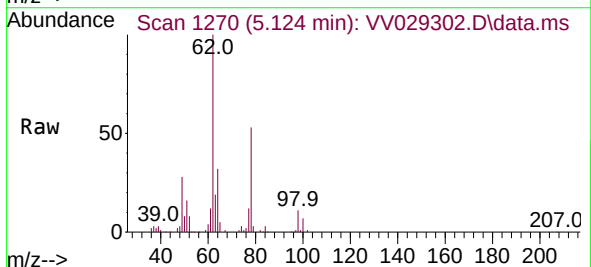
Instrument :
MSVOA_V
ClientSampleId :

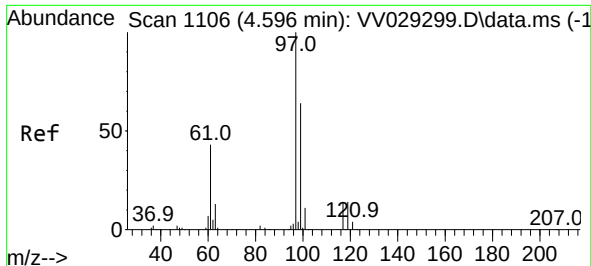
Tgt Ion: 83 Resp: 197195
Ion Ratio Lower Upper
83 100
85 63.9 45.4 84.4



#27
1,2-Dichloroethane
Concen: 5.214 ug/L
RT: 5.124 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VV029302.D
Acq: 23 Nov 2022 18:13

Tgt Ion: 62 Resp: 105648
Ion Ratio Lower Upper
62 100
98 10.8 8.4 12.6





#29

1,1,1-Trichloroethane

Concen: 5.248 ug/L

RT: 4.597 min Scan# 1106

Delta R.T. 0.000 min

Lab File: VV029302.D

Acq: 23 Nov 2022 18:13

Instrument :

MSVOA_V

ClientSampleId :

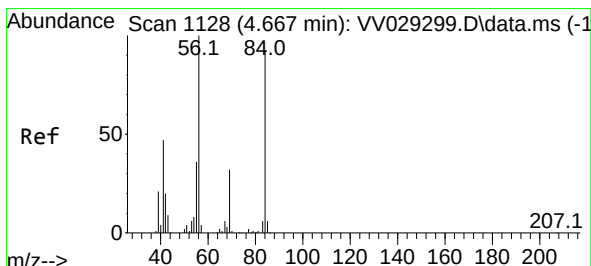
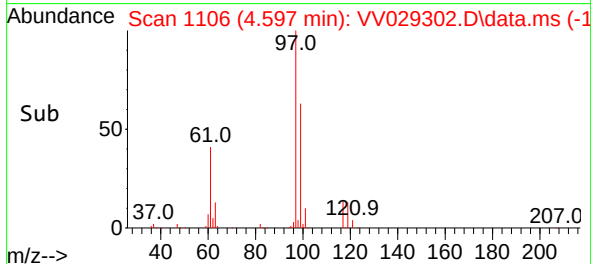
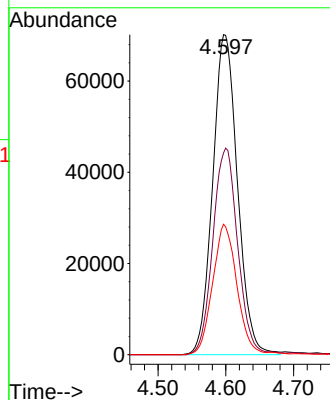
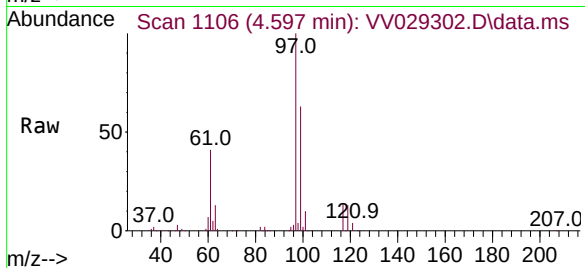
Tgt Ion: 97 Resp: 178617

Ion Ratio Lower Upper

97 100

99 64.7 51.2 76.8

61 39.8 33.3 49.9



#30

Cyclohexane

Concen: 5.099 ug/L

RT: 4.670 min Scan# 1129

Delta R.T. 0.003 min

Lab File: VV029302.D

Acq: 23 Nov 2022 18:13

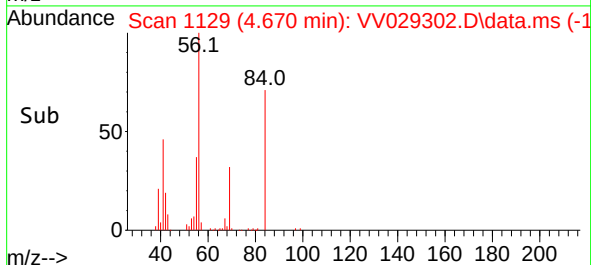
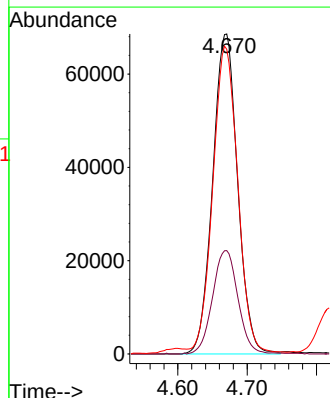
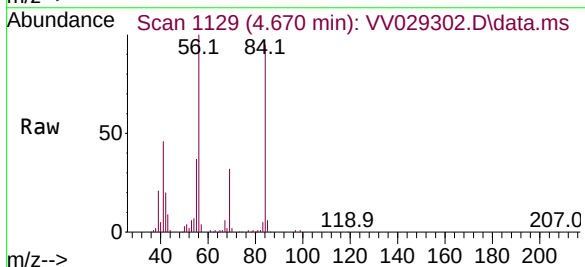
Tgt Ion: 56 Resp: 171530

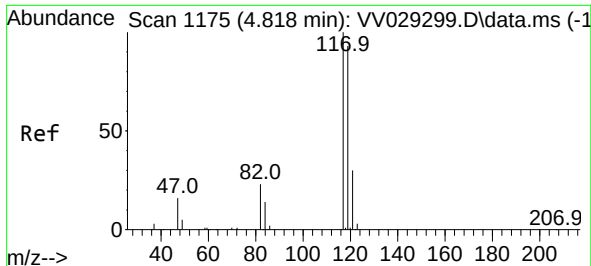
Ion Ratio Lower Upper

56 100

69 33.1 26.1 39.1

84 95.5 75.6 113.4

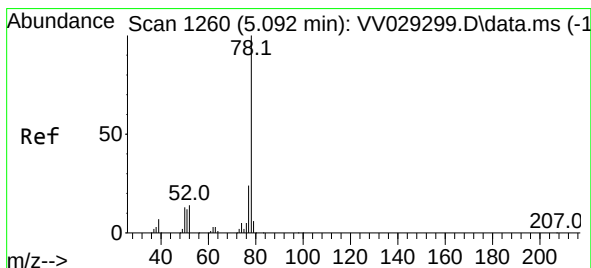
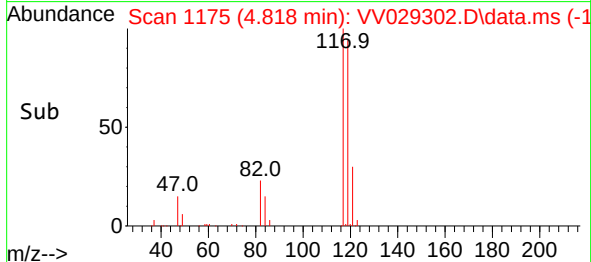
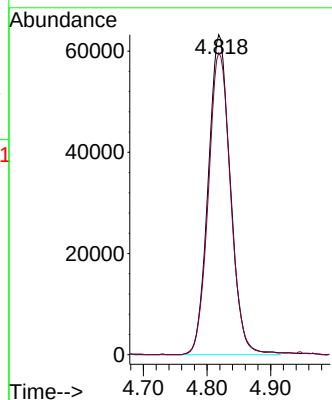
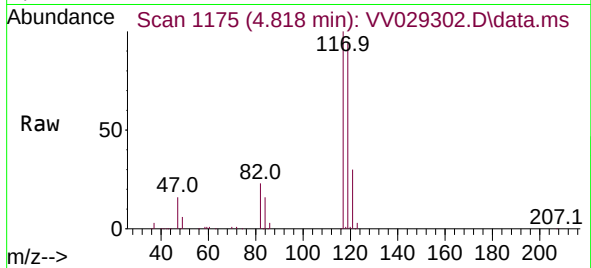




#31
Carbon tetrachloride
Concen: 5.279 ug/L
RT: 4.818 min Scan# 1175
Delta R.T. 0.000 min
Lab File: VV029302.D
Acq: 23 Nov 2022 18:13

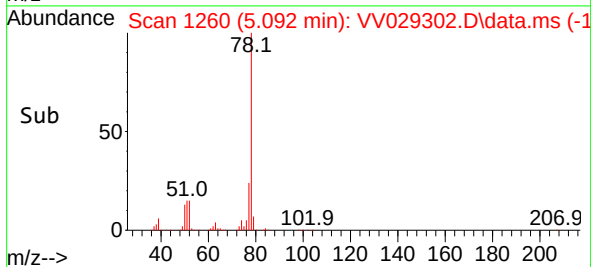
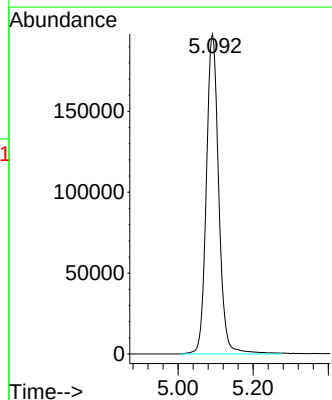
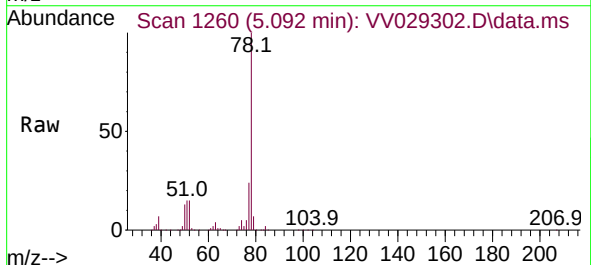
Instrument :
MSVOA_V
ClientSampleId :

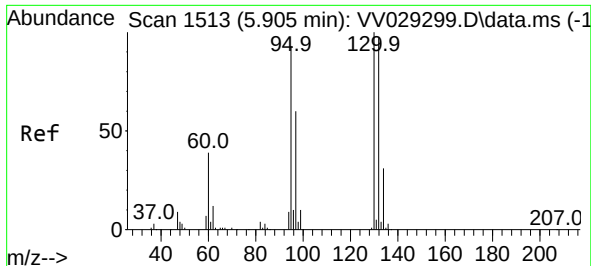
Tgt Ion:117 Resp: 151952
Ion Ratio Lower Upper
117 100
119 95.1 75.7 113.5



#33
Benzene
Concen: 5.123 ug/L
RT: 5.092 min Scan# 1260
Delta R.T. 0.000 min
Lab File: VV029302.D
Acq: 23 Nov 2022 18:13

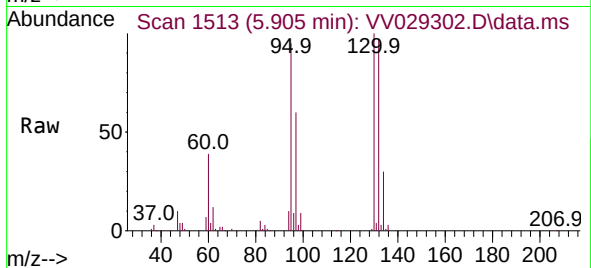
Tgt Ion: 78 Resp: 453400



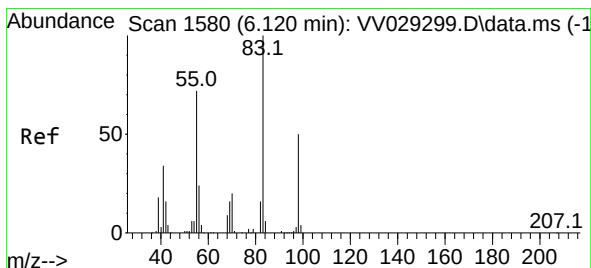
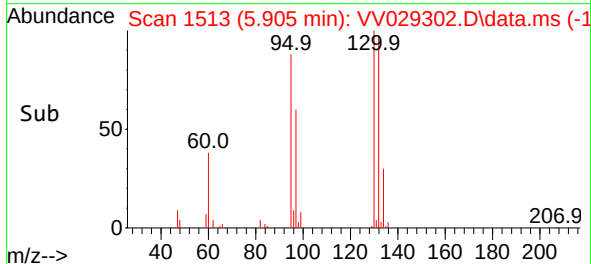
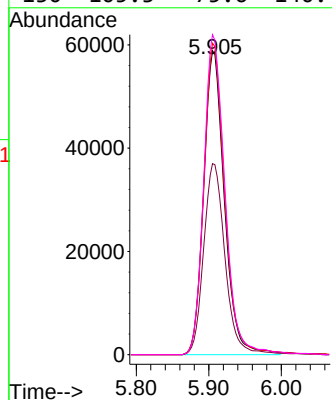


#34
Trichloroethene
Concen: 5.179 ug/L
RT: 5.905 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV029302.D
Acq: 23 Nov 2022 18:13

Instrument :
MSVOA_V
ClientSampleId :

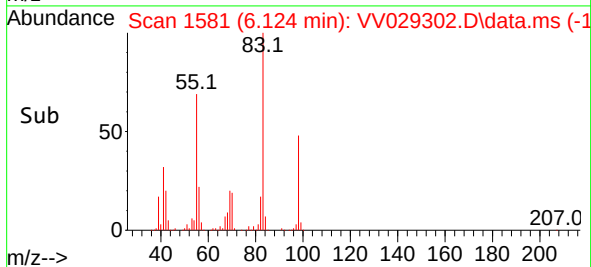
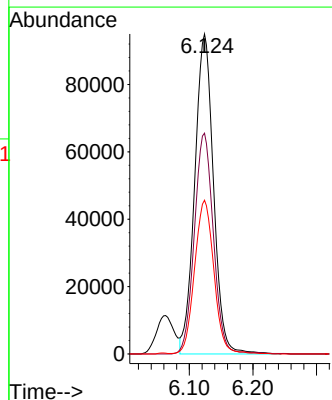
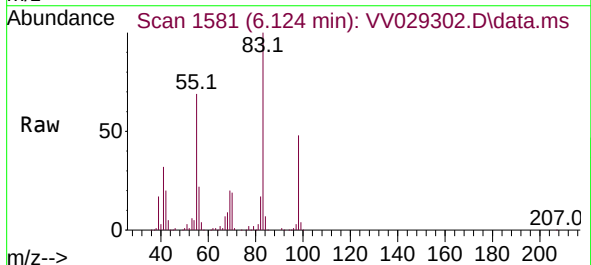


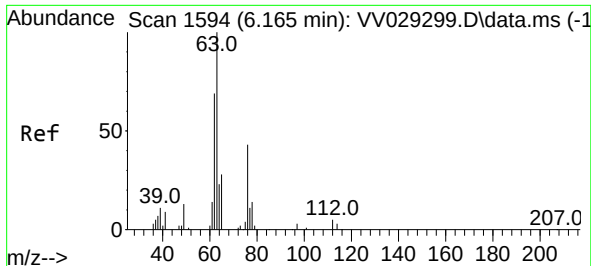
Tgt Ion: 95 Resp: 116925
Ion Ratio Lower Upper
95 100
97 62.8 45.4 84.4
132 102.5 73.3 136.1
130 105.3 75.6 140.4



#35
Methylcyclohexane
Concen: 5.118 ug/L
RT: 6.124 min Scan# 1581
Delta R.T. 0.003 min
Lab File: VV029302.D
Acq: 23 Nov 2022 18:13

Tgt Ion: 83 Resp: 195047
Ion Ratio Lower Upper
83 100
55 69.8 55.4 83.2
98 48.9 39.4 59.2





#37

1,2-Dichloropropane

Concen: 5.182 ug/L

RT: 6.166 min Scan# 1594

Delta R.T. 0.000 min

Lab File: VV029302.D

Acq: 23 Nov 2022 18:13

Instrument :

MSVOA_V

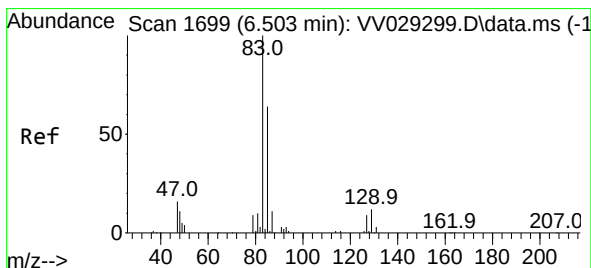
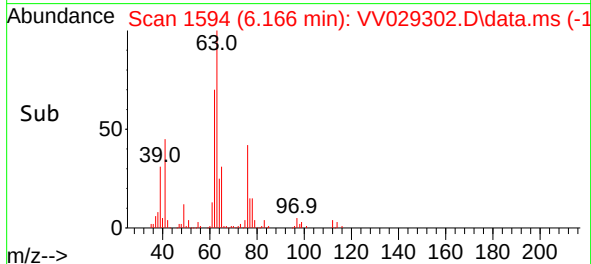
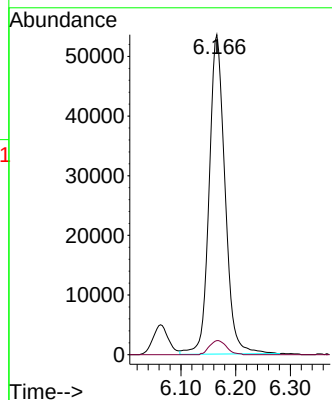
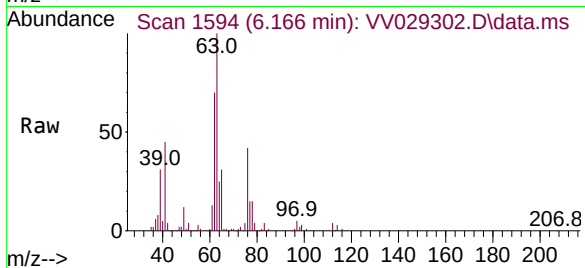
ClientSampleId :

Tgt Ion: 63 Resp: 108023

Ion Ratio Lower Upper

63 100

112 4.8 4.1 6.1



#38

Bromodichloromethane

Concen: 5.262 ug/L

RT: 6.503 min Scan# 1699

Delta R.T. 0.000 min

Lab File: VV029302.D

Acq: 23 Nov 2022 18:13

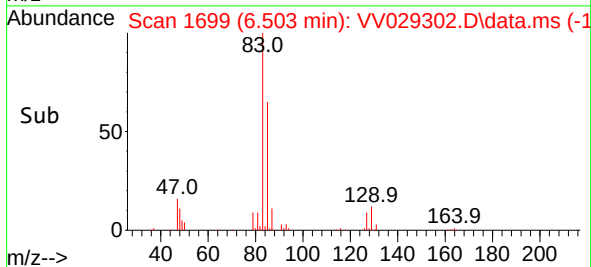
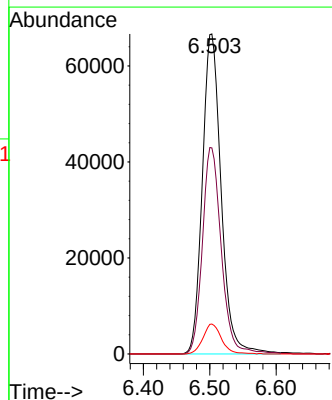
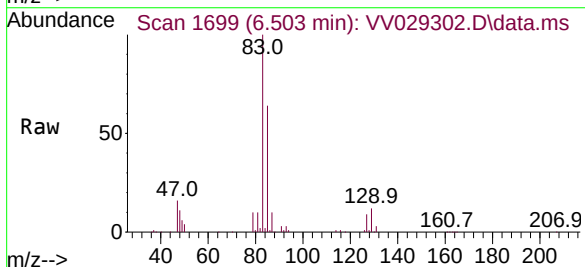
Tgt Ion: 83 Resp: 131325

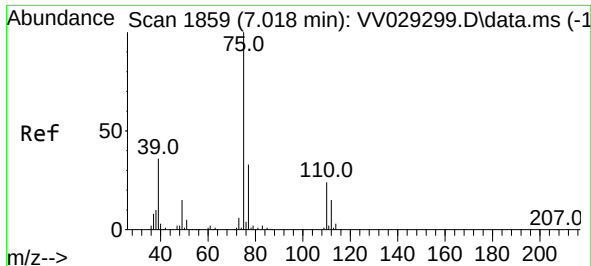
Ion Ratio Lower Upper

83 100

85 64.4 44.7 83.1

127 9.4 7.4 11.2





#39

cis-1,3-Dichloropropene

Concen: 5.271 ug/L

RT: 7.021 min Scan# 1860

Delta R.T. 0.003 min

Lab File: VV029302.D

Acq: 23 Nov 2022 18:13

Instrument :

MSVOA_V

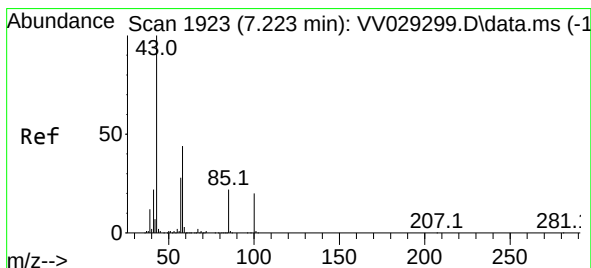
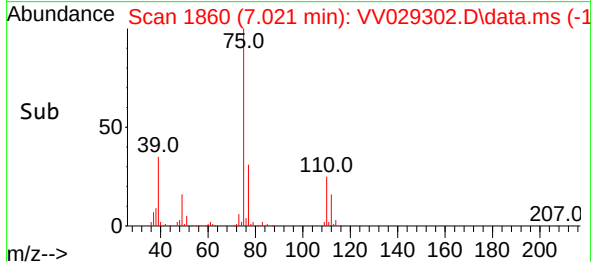
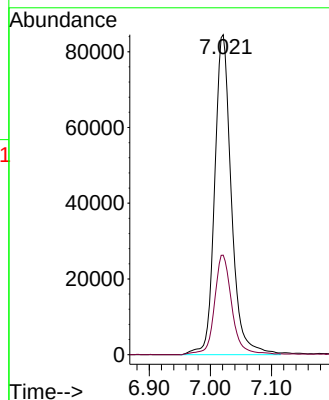
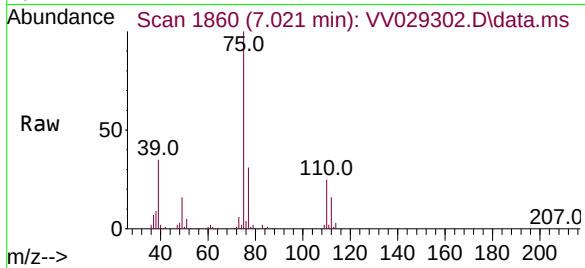
ClientSampleId :

Tgt Ion: 75 Resp: 160617

Ion Ratio Lower Upper

75 100

77 31.1 22.7 42.3



#40

4-Methyl-2-pentanone

Concen: 51.504 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. 0.000 min

Lab File: VV029302.D

Acq: 23 Nov 2022 18:13

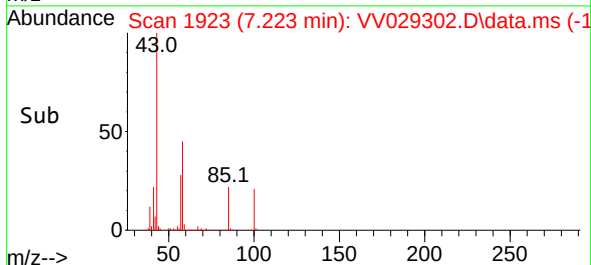
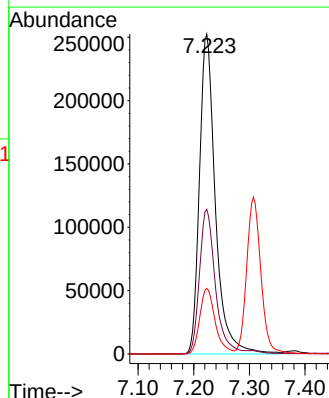
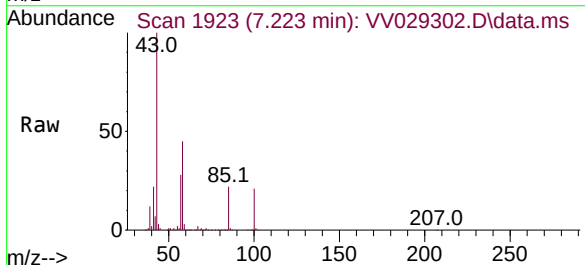
Tgt Ion: 43 Resp: 502428

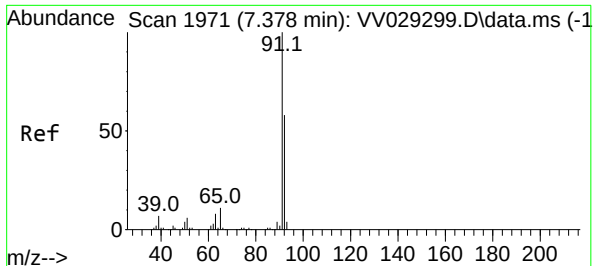
Ion Ratio Lower Upper

43 100

58 46.2 35.3 52.9

100 19.9 15.3 22.9





#42

Toluene

Concen: 5.181 ug/L

RT: 7.378 min Scan# 1971

Delta R.T. 0.000 min

Lab File: VV029302.D

Acq: 23 Nov 2022 18:13

Instrument :

MSVOA_V

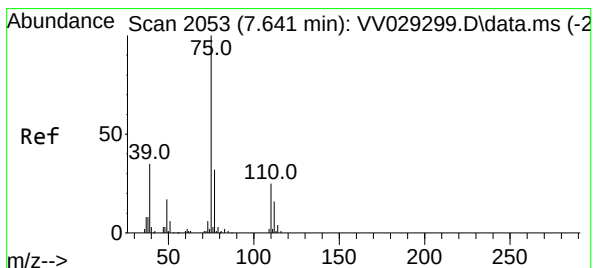
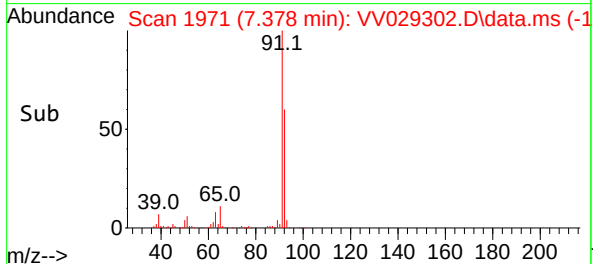
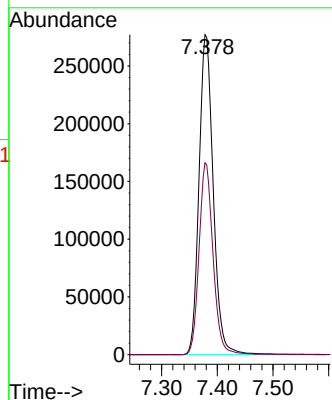
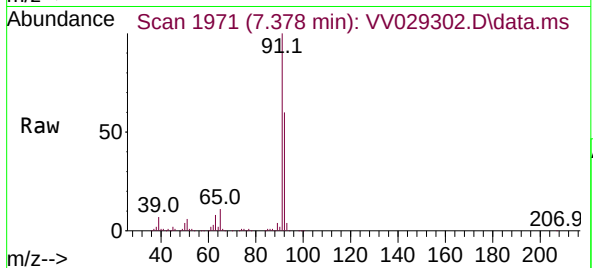
ClientSampleId :

Tgt Ion: 91 Resp: 492123

Ion Ratio Lower Upper

91 100

92 60.0 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 5.335 ug/L

RT: 7.641 min Scan# 2053

Delta R.T. 0.000 min

Lab File: VV029302.D

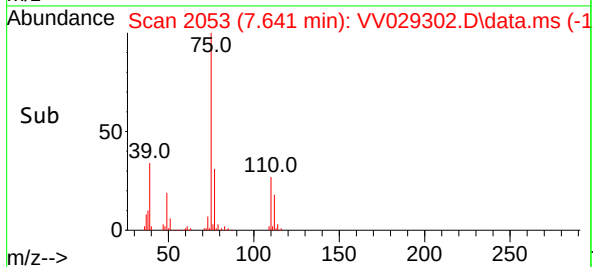
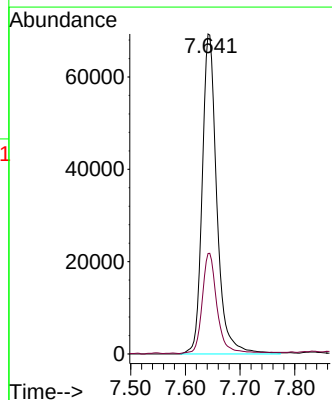
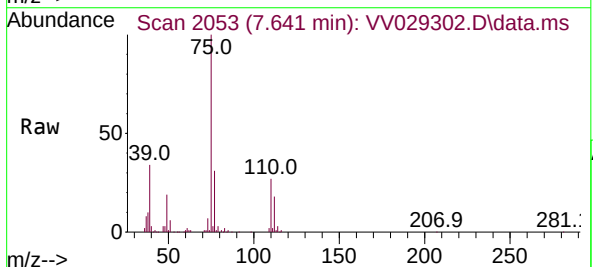
Acq: 23 Nov 2022 18:13

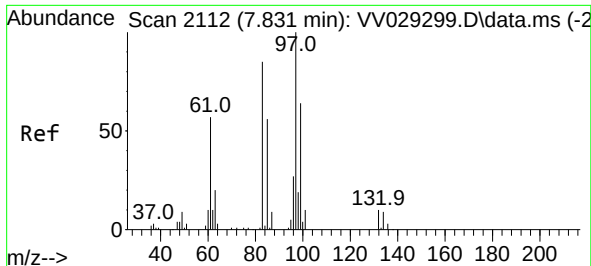
Tgt Ion: 75 Resp: 128789

Ion Ratio Lower Upper

75 100

77 31.4 22.4 41.6

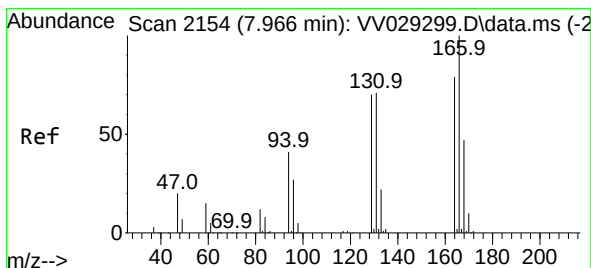
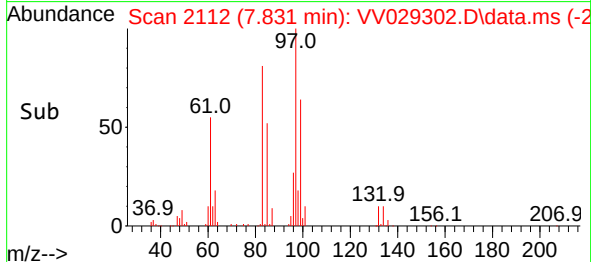
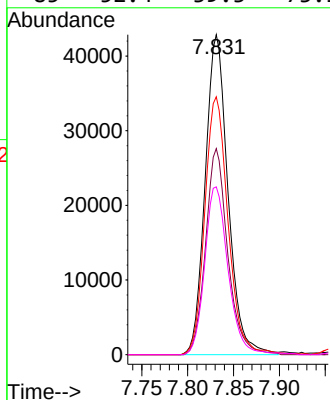
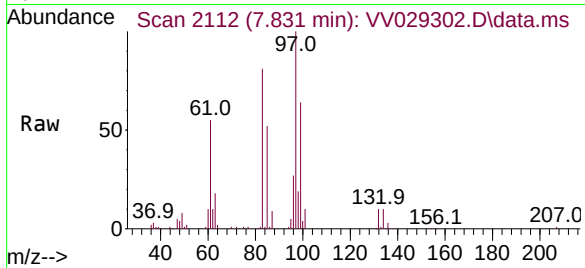




#45
1,1,2-Trichloroethane
Concen: 5.257 ug/L
RT: 7.831 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VV029302.D
Acq: 23 Nov 2022 18:13

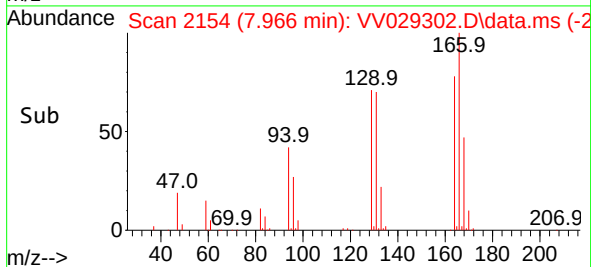
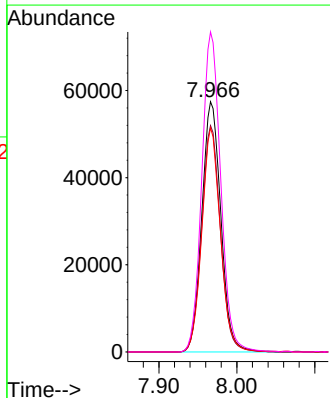
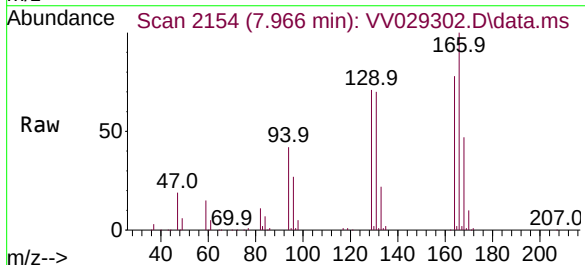
Instrument :
MSVOA_V
ClientSampleId :

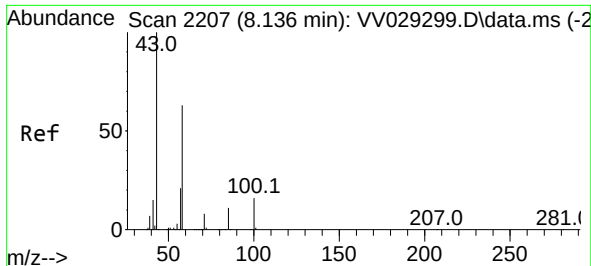
Tgt Ion: 97	Resp: 74192
Ion Ratio	Lower Upper
97 100	
99 64.4	44.4 82.5
83 80.6	59.5 110.5
85 52.4	39.3 73.1



#47
Tetrachloroethene
Concen: 5.266 ug/L
RT: 7.966 min Scan# 2154
Delta R.T. 0.000 min
Lab File: VV029302.D
Acq: 23 Nov 2022 18:13

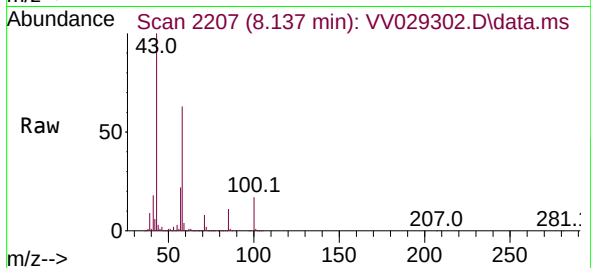
Tgt	Ion:164	Resp:	97455
Ion	Ratio	Lower	Upper
164	100		
129	90.5	61.7	114.7
131	89.6	62.9	116.9
166	127.9	88.5	164.3



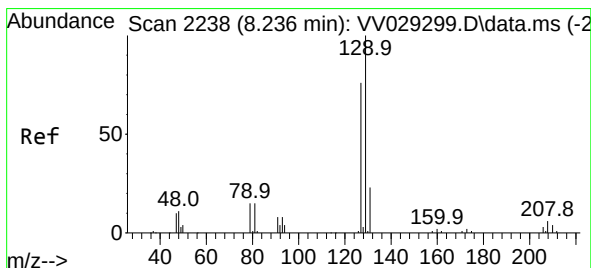
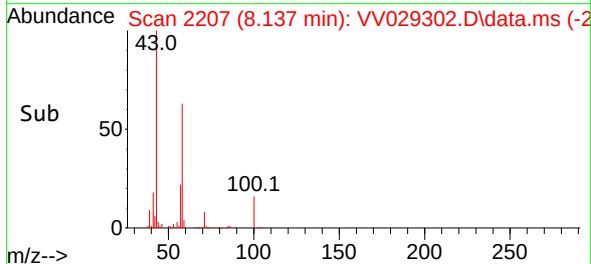
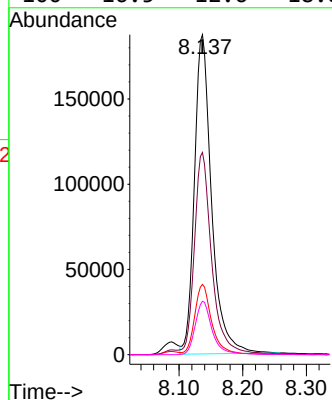


#48
2-Hexanone
Concen: 51.780 ug/L
RT: 8.137 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV029302.D
Acq: 23 Nov 2022 18:13

Instrument :
MSVOA_V
ClientSampleId :

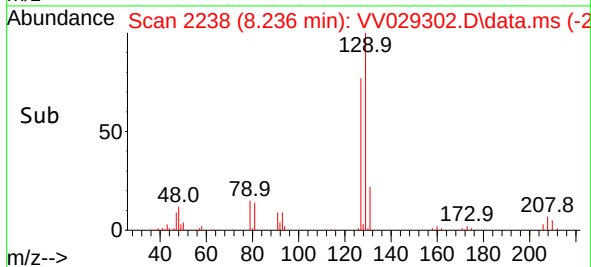
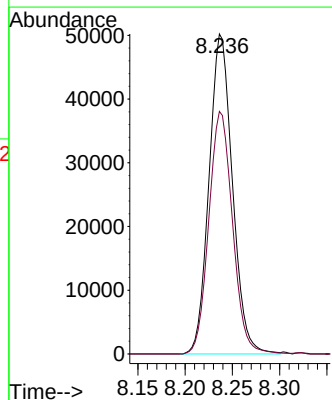
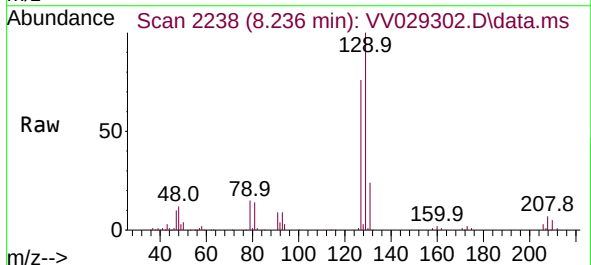


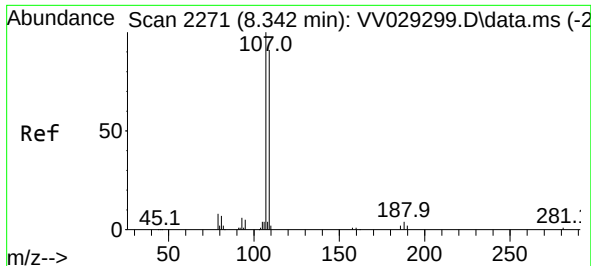
Tgt Ion: 43	Resp: 352139
Ion Ratio	Lower Upper
43 100	
58 63.5	49.4 74.0
57 21.7	16.9 25.3
100 16.5	12.6 18.8



#49
Dibromochloromethane
Concen: 5.443 ug/L
RT: 8.236 min Scan# 2238
Delta R.T. 0.000 min
Lab File: VV029302.D
Acq: 23 Nov 2022 18:13

Tgt Ion:129	Resp:	86415	
Ion	Ratio	Lower	Upper
129	100		
127	75.8	53.1	98.7





#50

1,2-Dibromoethane

Concen: 5.302 ug/L

RT: 8.342 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV029302.D

Acq: 23 Nov 2022 18:13

Instrument :

MSVOA_V

ClientSampleId :

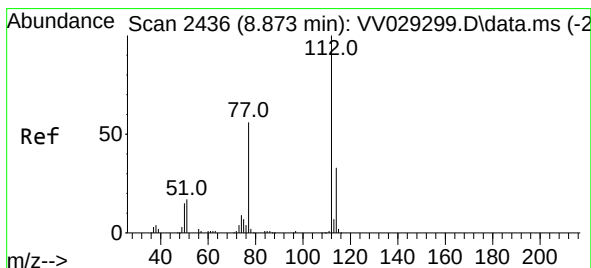
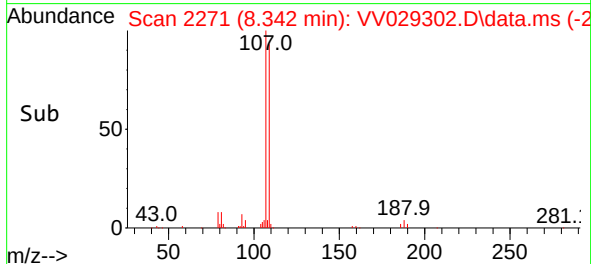
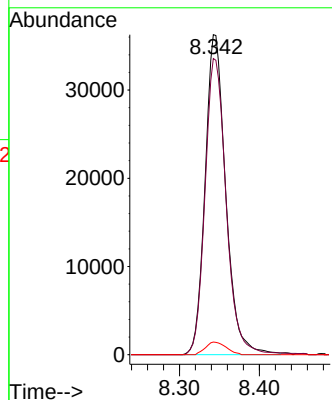
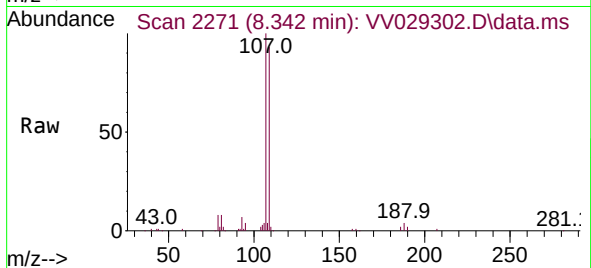
Tgt Ion:107 Resp: 65298

Ion Ratio Lower Upper

107 100

109 92.5 64.0 118.8

188 3.9 3.0 4.4



#51

Chlorobenzene

Concen: 5.393 ug/L

RT: 8.873 min Scan# 2436

Delta R.T. 0.000 min

Lab File: VV029302.D

Acq: 23 Nov 2022 18:13

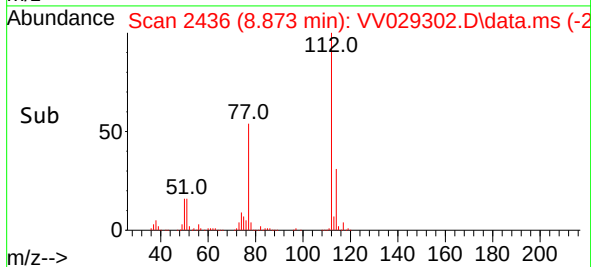
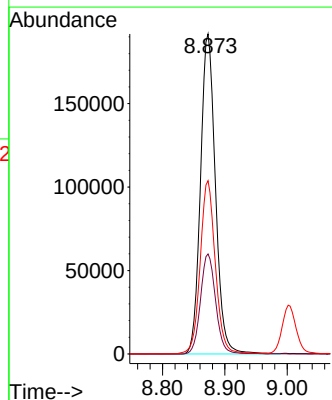
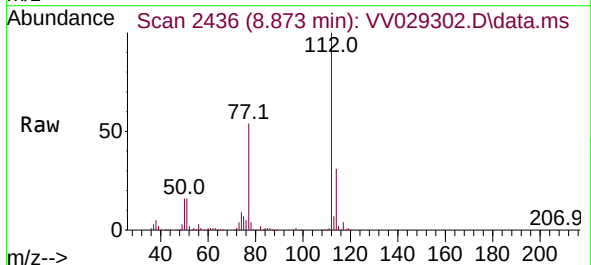
Tgt Ion:112 Resp: 320193

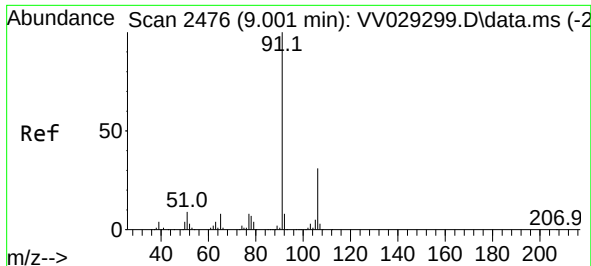
Ion Ratio Lower Upper

112 100

114 31.3 22.9 42.5

77 54.2 45.3 67.9





#52

Ethylbenzene

Concen: 5.418 ug/L

RT: 9.001 min Scan# 2476

Delta R.T. 0.000 min

Lab File: VV029302.D

Acq: 23 Nov 2022 18:13

Instrument :

MSVOA_V

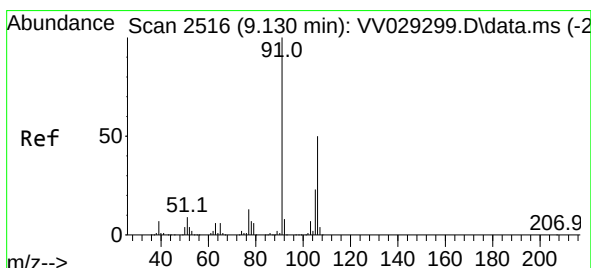
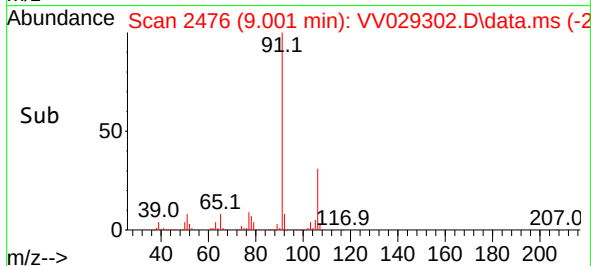
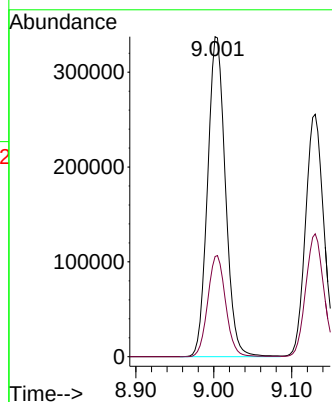
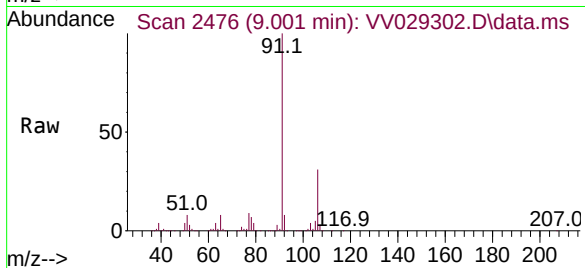
ClientSampleId :

Tgt Ion: 91 Resp: 536558

Ion Ratio Lower Upper

91 100

106 31.3 21.9 40.7



#53

m,p-Xylene

Concen: 5.399 ug/L

RT: 9.130 min Scan# 2516

Delta R.T. 0.000 min

Lab File: VV029302.D

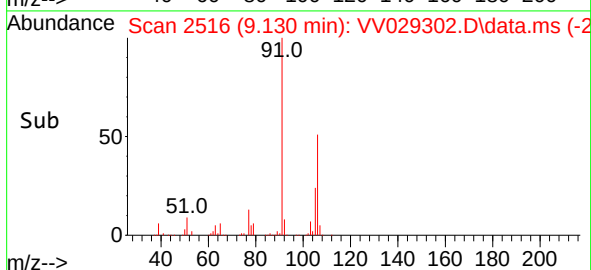
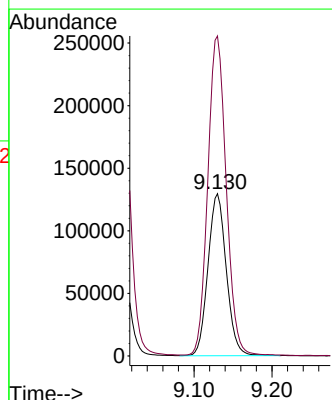
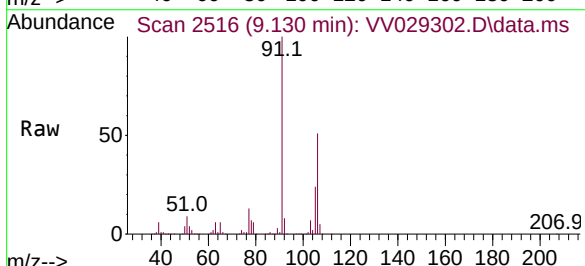
Acq: 23 Nov 2022 18:13

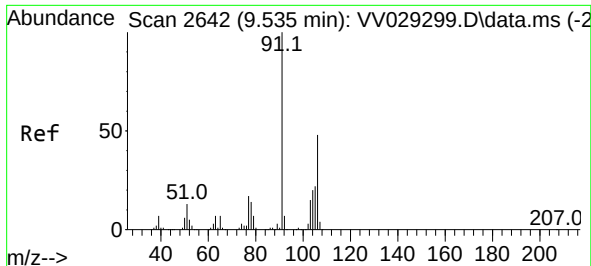
Tgt Ion: 106 Resp: 210883

Ion Ratio Lower Upper

106 100

91 197.2 140.6 261.2

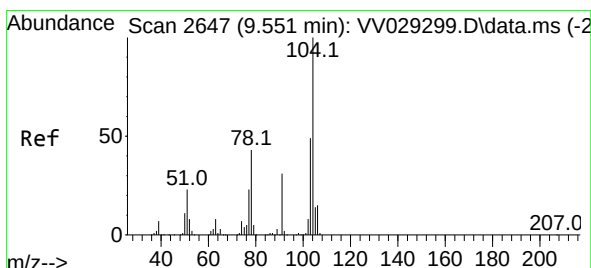
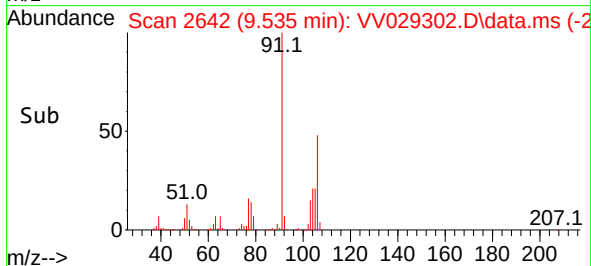
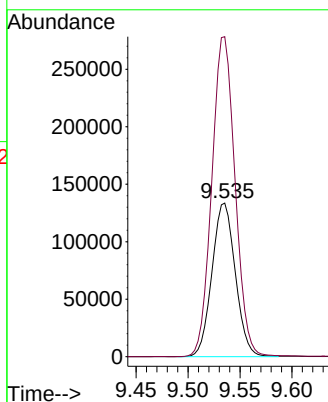
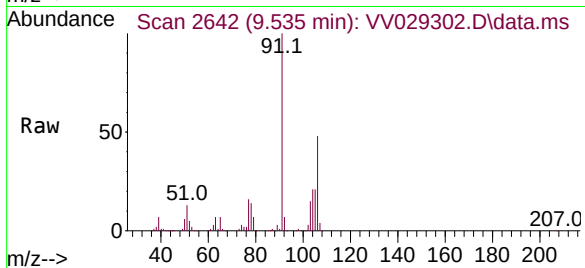




#54
o-Xylene
Concen: 5.442 ug/L
RT: 9.535 min Scan# 2642
Delta R.T. 0.000 min
Lab File: VV029302.D
Acq: 23 Nov 2022 18:13

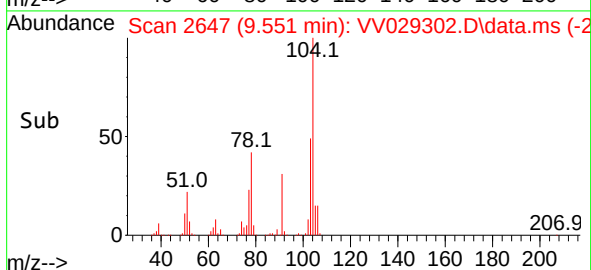
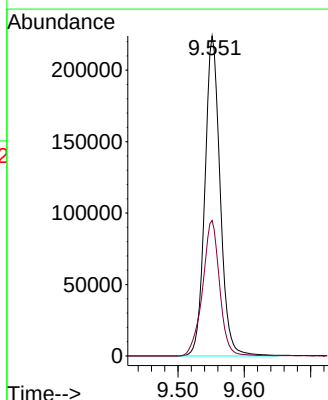
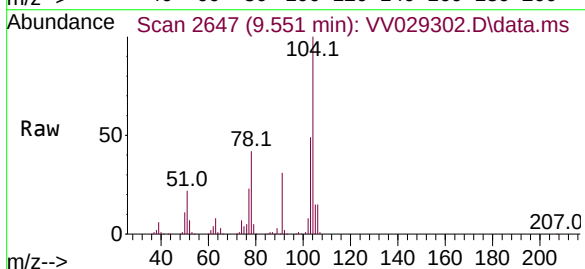
Instrument :
MSVOA_V
ClientSampleId :

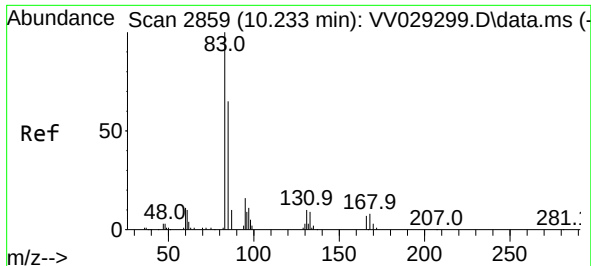
Tgt Ion:106 Resp: 208802
Ion Ratio Lower Upper
106 100
91 208.4 146.9 272.9



#55
Styrene
Concen: 5.535 ug/L
RT: 9.551 min Scan# 2647
Delta R.T. 0.000 min
Lab File: VV029302.D
Acq: 23 Nov 2022 18:13

Tgt Ion:104 Resp: 358470
Ion Ratio Lower Upper
104 100
78 42.4 29.9 55.5

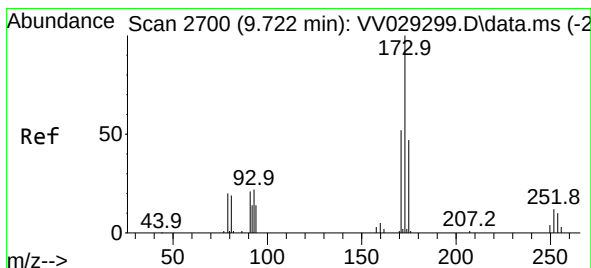
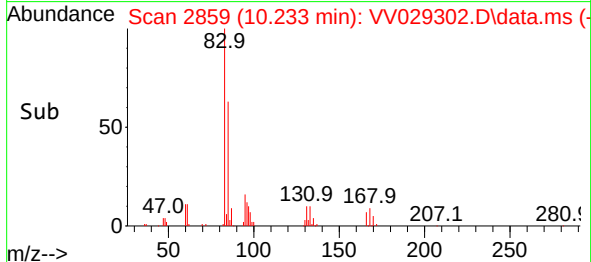
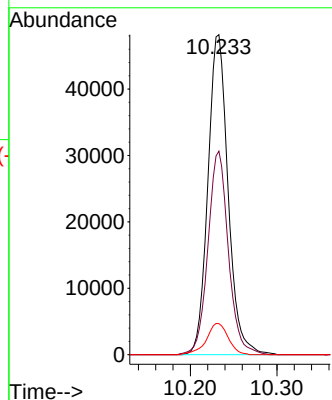
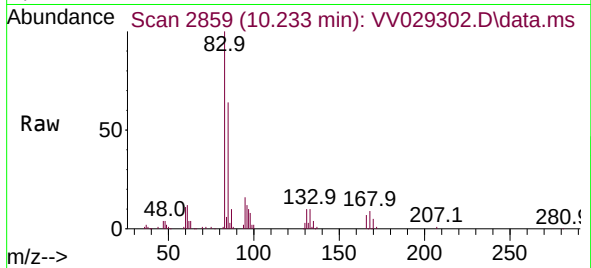




#57
1,1,2,2-Tetrachloroethane
Concen: 5.343 ug/L
RT: 10.233 min Scan# 2859
Delta R.T. 0.000 min
Lab File: VV029302.D
Acq: 23 Nov 2022 18:13

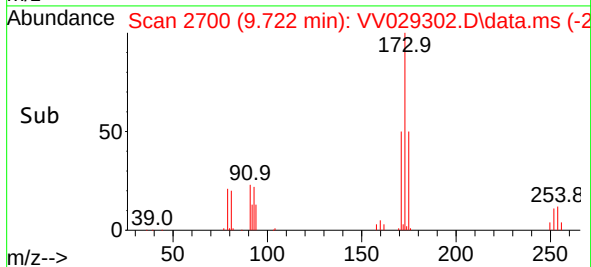
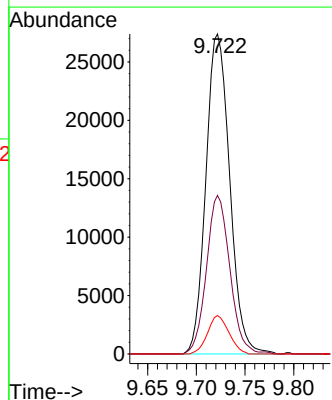
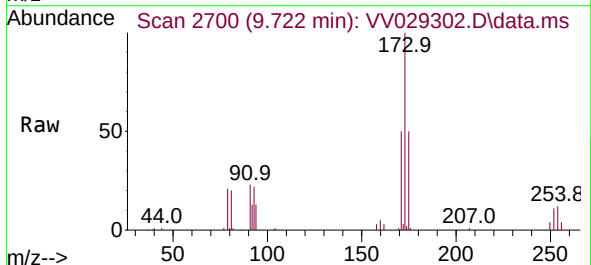
Instrument :
MSVOA_V
ClientSampleId :

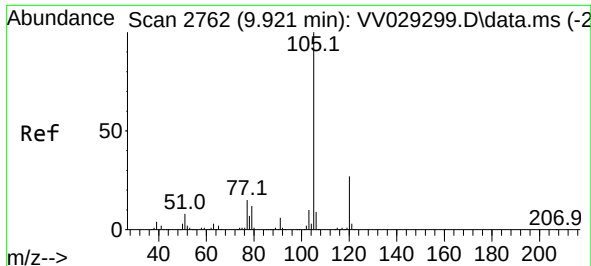
Tgt Ion: 83 Resp: 78034
Ion Ratio Lower Upper
83 100
85 63.6 45.5 84.5
131 9.7 8.2 12.2



#59
Bromoform
Concen: 5.644 ug/L
RT: 9.722 min Scan# 2700
Delta R.T. 0.000 min
Lab File: VV029302.D
Acq: 23 Nov 2022 18:13

Tgt Ion: 173 Resp: 46629
Ion Ratio Lower Upper
173 100
175 48.7 38.6 58.0
254 10.8 8.3 12.5

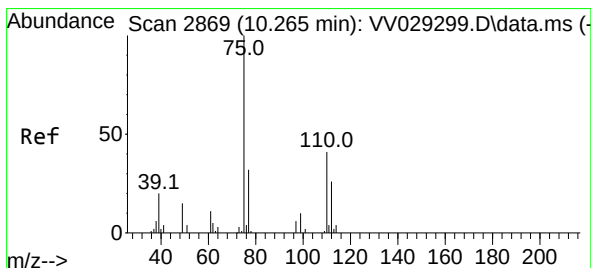
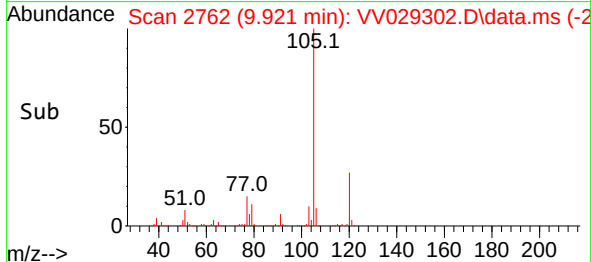
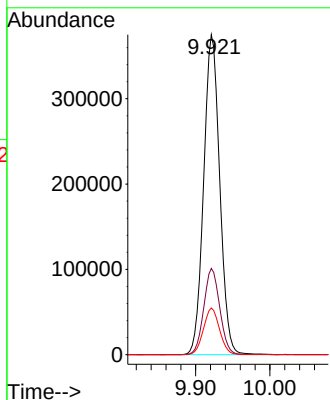
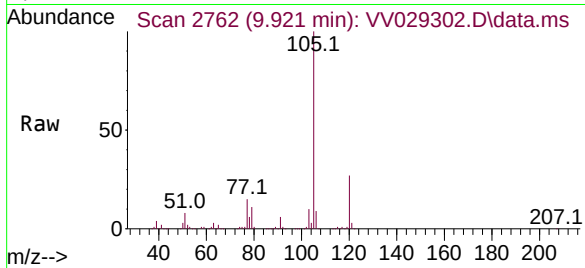




#60
Isopropylbenzene
Concen: 5.529 ug/L
RT: 9.921 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV029302.D
Acq: 23 Nov 2022 18:13

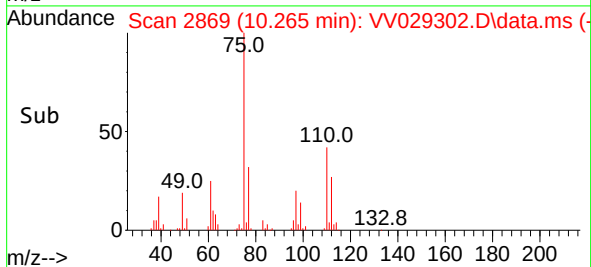
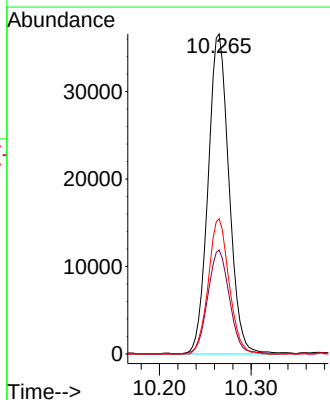
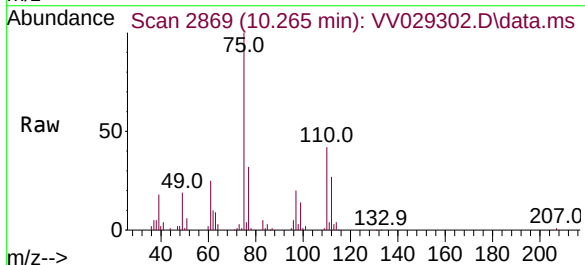
Instrument :
MSVOA_V
ClientSampleId :

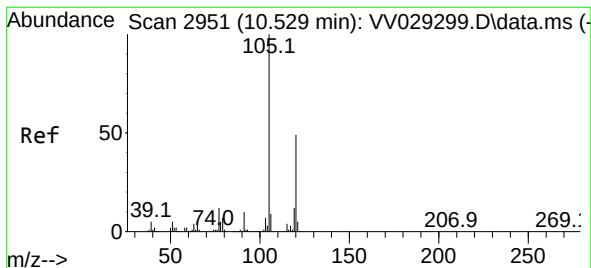
Tgt Ion:105 Resp: 562150
Ion Ratio Lower Upper
105 100
120 26.9 21.4 32.2
77 14.6 11.8 17.8



#61
1,2,3-Trichloropropane
Concen: 5.329 ug/L
RT: 10.265 min Scan# 2869
Delta R.T. 0.000 min
Lab File: VV029302.D
Acq: 23 Nov 2022 18:13

Tgt Ion: 75 Resp: 58121
Ion Ratio Lower Upper
75 100
77 33.6 26.7 40.1
110 41.8 32.2 48.4





#62

1,3,5-Trimethylbenzene

Concen: 5.485 ug/L

RT: 10.529 min Scan# 2951

Delta R.T. 0.000 min

Lab File: VV029302.D

Acq: 23 Nov 2022 18:13

Instrument :

MSVOA_V

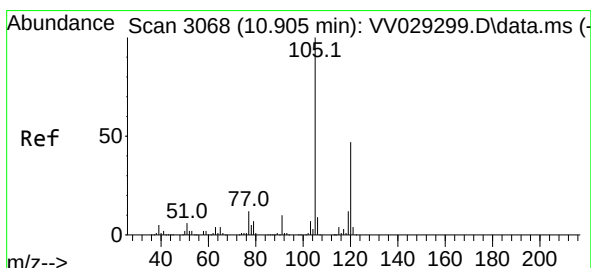
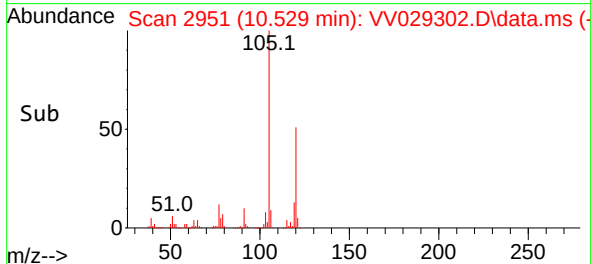
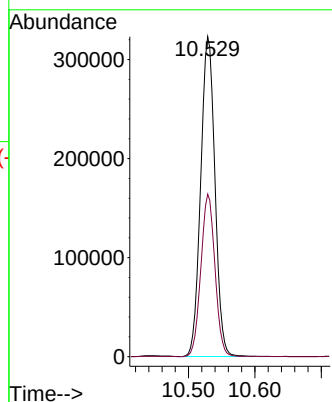
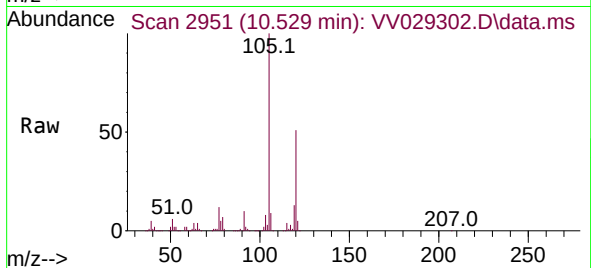
ClientSampleId :

Tgt Ion:105 Resp: 482821

Ion Ratio Lower Upper

105 100

120 50.2 39.6 59.4



#63

1,2,4-Trimethylbenzene

Concen: 5.496 ug/L

RT: 10.905 min Scan# 3068

Delta R.T. 0.000 min

Lab File: VV029302.D

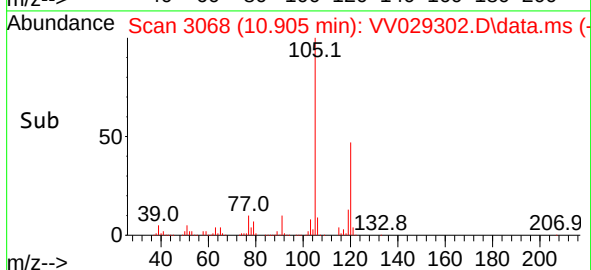
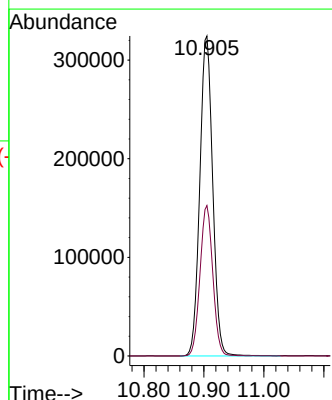
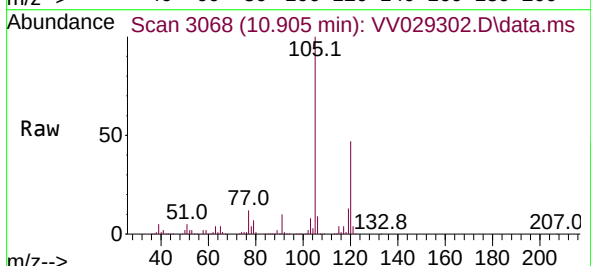
Acq: 23 Nov 2022 18:13

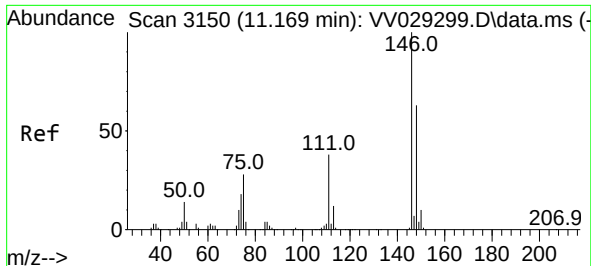
Tgt Ion:105 Resp: 486678

Ion Ratio Lower Upper

105 100

120 46.6 37.2 55.8

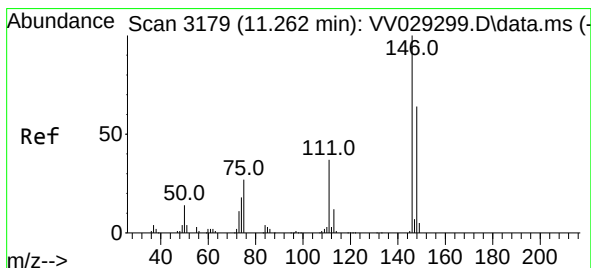
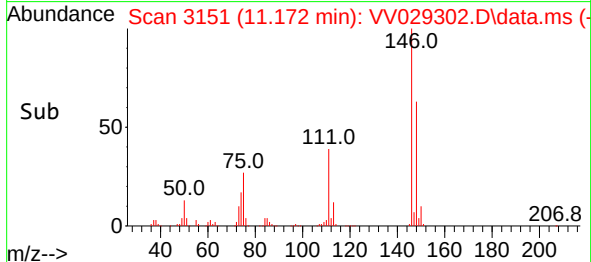
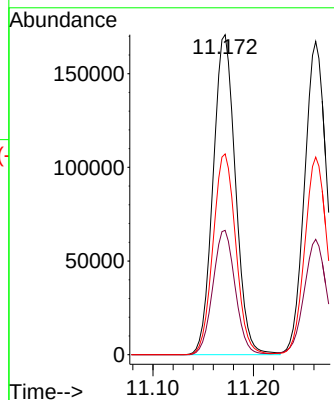
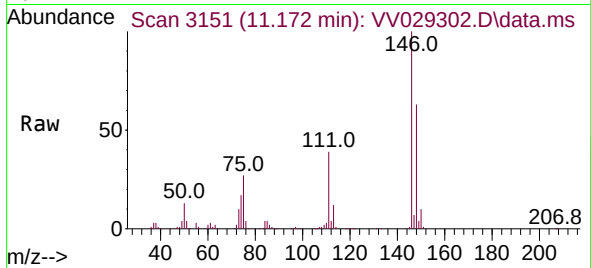




#64
1,3-Dichlorobenzene
Concen: 5.579 ug/L
RT: 11.172 min Scan# 3151
Delta R.T. 0.003 min
Lab File: VV029302.D
Acq: 23 Nov 2022 18:13

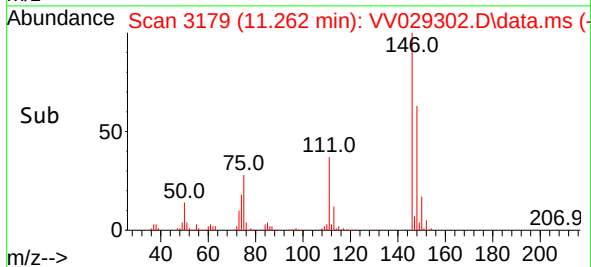
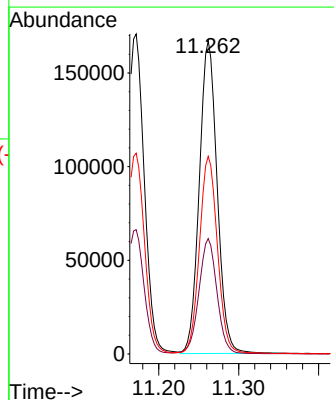
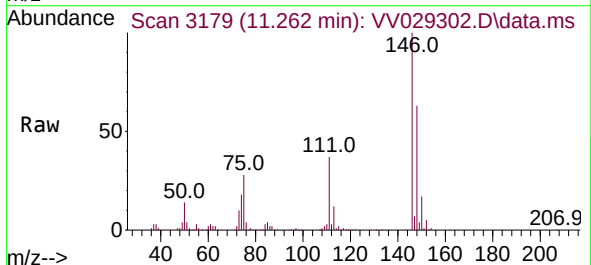
Instrument :
MSVOA_V
ClientSampleId :

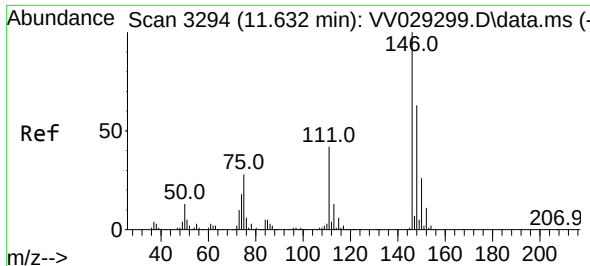
Tgt Ion:146 Resp: 264640
Ion Ratio Lower Upper
146 100
111 38.8 26.3 48.9
148 62.7 44.4 82.4



#65
1,4-Dichlorobenzene
Concen: 5.539 ug/L
RT: 11.262 min Scan# 3179
Delta R.T. 0.000 min
Lab File: VV029302.D
Acq: 23 Nov 2022 18:13

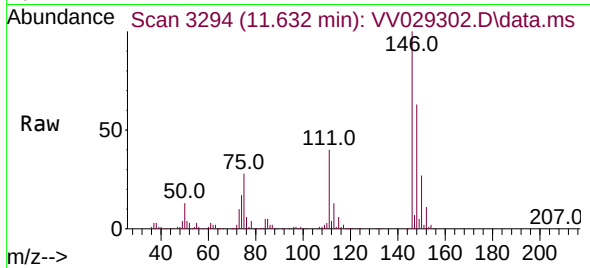
Tgt Ion:146 Resp: 259942
Ion Ratio Lower Upper
146 100
111 36.8 26.0 48.4
148 63.1 44.7 82.9



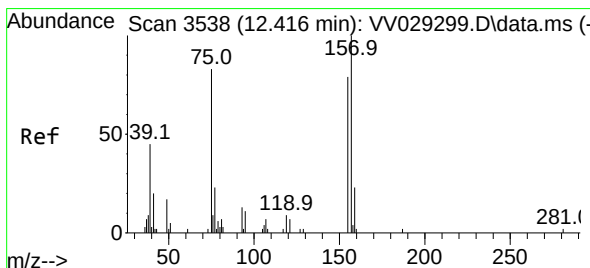
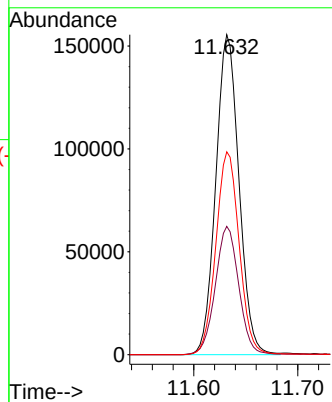
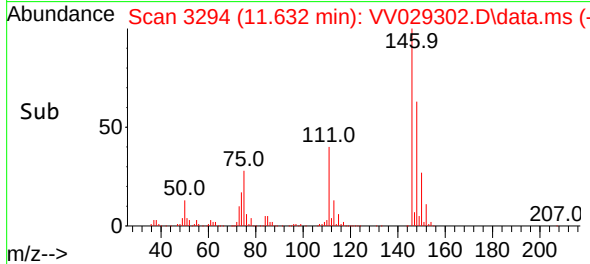


#67
1,2-Dichlorobenzene
Concen: 5.516 ug/L
RT: 11.632 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV029302.D
Acq: 23 Nov 2022 18:13

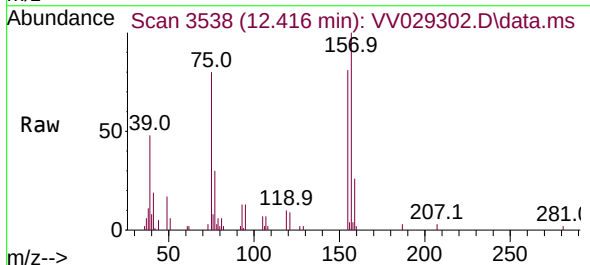
Instrument :
MSVOA_V
ClientSampleId :



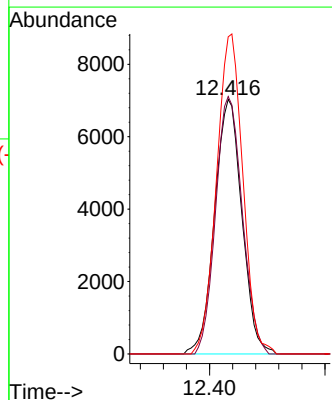
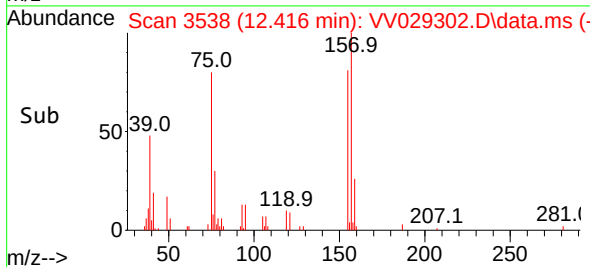
Tgt Ion:146 Resp: 241041
Ion Ratio Lower Upper
146 100
111 40.1 33.5 50.3
148 63.4 50.7 76.1

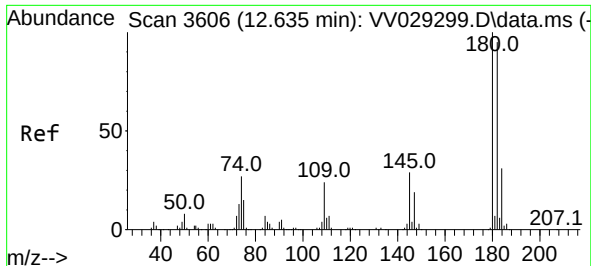


#68
1,2-Dibromo-3-chloropropane
Concen: 5.392 ug/L
RT: 12.416 min Scan# 3538
Delta R.T. 0.000 min
Lab File: VV029302.D
Acq: 23 Nov 2022 18:13



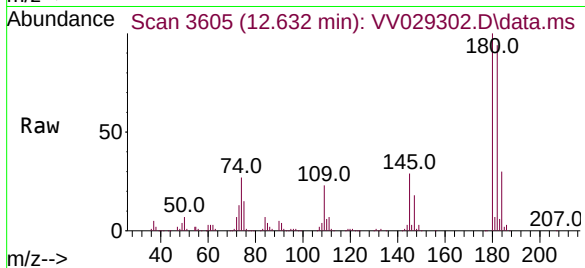
Tgt Ion: 75 Resp: 11549
Ion Ratio Lower Upper
75 100
155 101.2 76.6 115.0
157 124.6 96.9 145.3



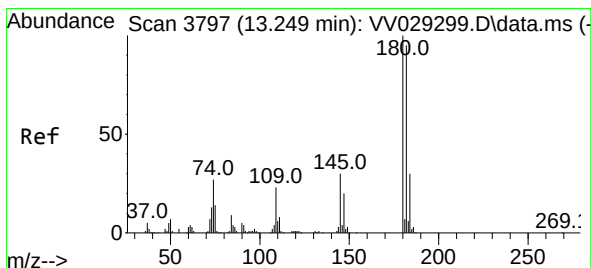
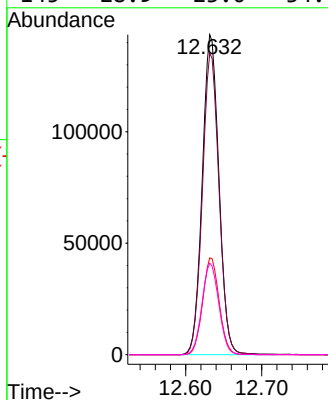
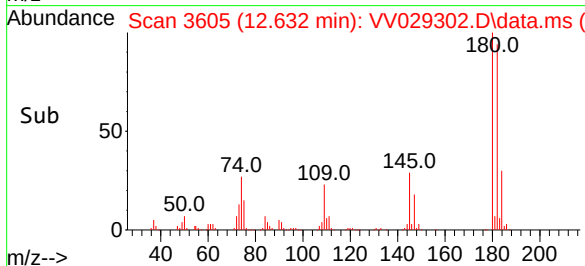


#69
 1,3,5-Trichlorobenzene
 Concen: 5.586 ug/L
 RT: 12.632 min Scan# 3606
 Delta R.T. -0.003 min
 Lab File: VV029302.D
 Acq: 23 Nov 2022 18:13

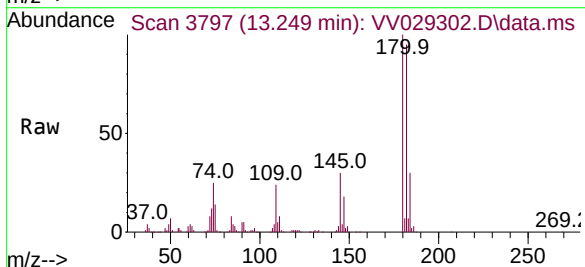
Instrument :
 MSVOA_V
 ClientSampleId :



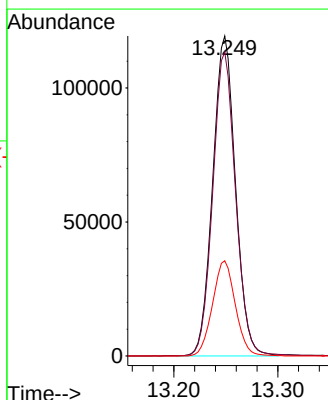
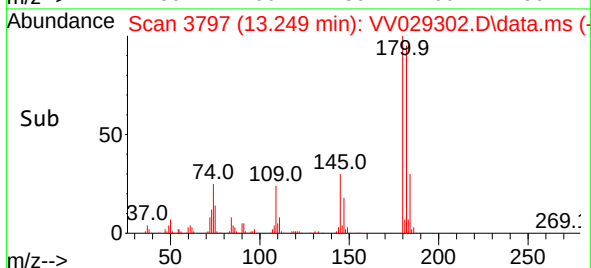
Tgt Ion:180 Resp: 218301
 Ion Ratio Lower Upper
 180 100
 182 94.3 77.0 115.6
 184 30.0 24.4 36.6
 145 28.9 23.0 34.6

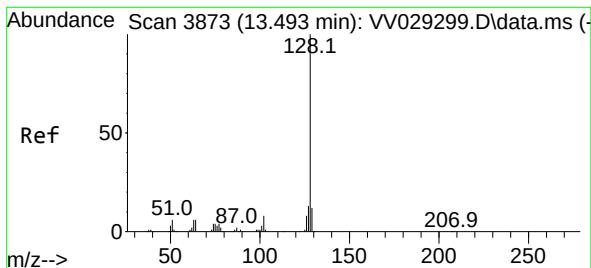


#70
 1,2,4-trichlorobenzene
 Concen: 5.745 ug/L
 RT: 13.249 min Scan# 3797
 Delta R.T. 0.000 min
 Lab File: VV029302.D
 Acq: 23 Nov 2022 18:13



Tgt Ion:180 Resp: 181913
 Ion Ratio Lower Upper
 180 100
 182 95.5 76.2 114.4
 145 29.8 23.4 35.0





#71

Naphthalene

Concen: 8.610 ug/L

RT: 13.493 min Scan# 3873

Delta R.T. 0.000 min

Lab File: VV029302.D

Acq: 23 Nov 2022 18:13

Instrument :

MSVOA_V

ClientSampleId :

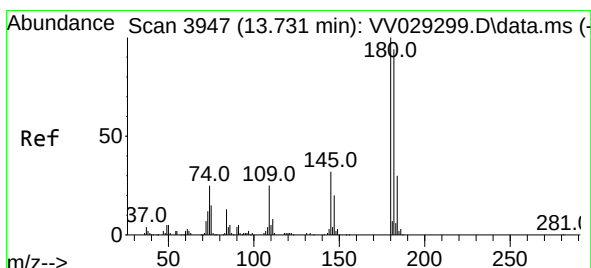
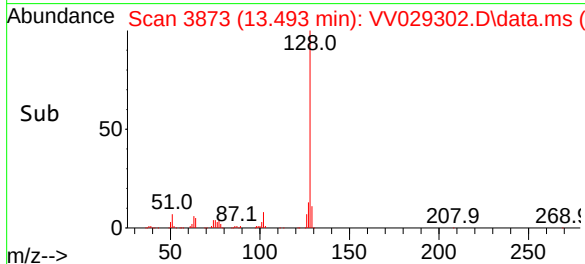
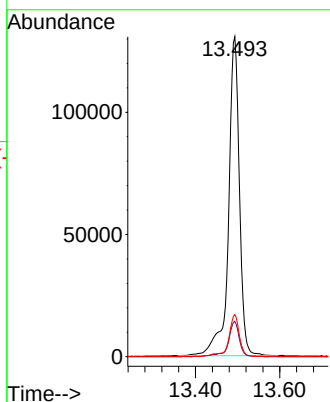
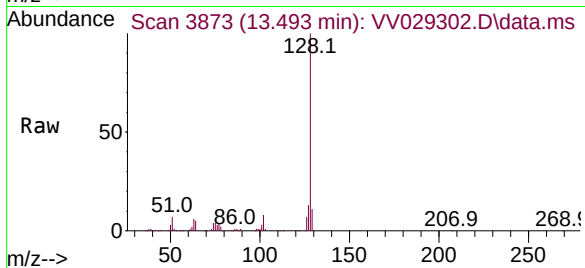
Tgt Ion:128 Resp: 236030

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: 5.944 ug/L

RT: 13.731 min Scan# 3947

Delta R.T. 0.000 min

Lab File: VV029302.D

Acq: 23 Nov 2022 18:13

Tgt Ion:180 Resp: 153230

Ion Ratio Lower Upper

180 100

182 94.9 75.0 112.4

145 31.5 25.2 37.8

