

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW112322\
 Data File : VW029299.D
 Acq On : 23 Nov 2022 16:59
 Operator : SY/MD
 Sample : VSTD00512
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 24 01:09:00 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	278587	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	231263	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	125364	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	88034	5.135	ug/L	0.00
7) Chloroethane-d5	1.561	69	66200	5.275	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.101	63	140187	5.110	ug/L	0.00
20) 2-Butanone-d5	3.902	46	156804	54.790	ug/L	0.00
24) Chloroform-d	4.336	84	161465	5.276	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.024	65	71445	5.306	ug/L	0.00
32) Benzene-d6	5.040	84	345895	5.412	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.059	67	97344	5.420	ug/L	0.00
41) Toluene-d8	7.307	98	331648	5.498	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.612	79	38569	5.570	ug/L	0.00
46) 2-Hexanone-d5	8.085	63	137659	55.772	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.207	84	60576	5.466	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.612	152	114899	5.246	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.124	85	102343	4.924	ug/L	100
3) Chloromethane	1.236	50	90466	4.750	ug/L	100
5) Vinyl chloride	1.304	62	93840	4.945	ug/L	100
6) Bromomethane	1.516	94	60167	5.081	ug/L	100
8) Chloroethane	1.577	64	56175	4.980	ug/L	100
9) Trichlorofluoromethane	1.748	101	131008	4.932	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	72685	4.907	ug/L	100
12) 1,1-Dichloroethene	2.111	96	71070	4.961	ug/L	100
13) Acetone	2.195	43	98254	47.140	ug/L	100
14) Carbon disulfide	2.285	76	200886	4.826	ug/L	100
15) Methyl Acetate	2.436	43	26588	4.394	ug/L	100
16) Methylene chloride	2.497	84	88895	4.061	ug/L	100
17) Methyl tert-butyl Ether	2.760	73	182408	4.981	ug/L	100
18) trans-1,2-Dichloroethene	2.751	96	81826	4.977	ug/L	100
19) 1,1-Dichloroethane	3.178	63	149249	5.044	ug/L	100
21) 2-Butanone	3.982	43	147418	45.054	ug/L	93
22) cis-1,2-Dichloroethene	3.902	96	93127	4.952	ug/L	100
23) Bromochloromethane	4.240	128	38741	5.143	ug/L	100
25) Chloroform	4.365	83	155109	5.020	ug/L	100
27) 1,2-Dichloroethane	5.124	62	80845	4.830	ug/L	100
29) 1,1,1-Trichloroethane	4.596	97	135402	5.090	ug/L	100
30) Cyclohexane	4.667	56	134543	5.117	ug/L	100
31) Carbon tetrachloride	4.818	117	115755	5.146	ug/L	100
33) Benzene	5.092	78	351583	5.083	ug/L	100
34) Trichloroethene	5.905	95	90278	5.116	ug/L	100
35) Methylcyclohexane	6.120	83	156185	5.244	ug/L	100
37) 1,2-Dichloropropane	6.165	63	83486	5.124	ug/L	100
38) Bromodichloromethane	6.503	83	99928	5.123	ug/L	100
39) cis-1,3-Dichloropropene	7.018	75	125239	5.258	ug/L	100
40) 4-Methyl-2-pentanone	7.223	43	401315	52.635	ug/L	100
42) Toluene	7.378	91	384703	5.182	ug/L	100
44) trans-1,3-Dichloropropene	7.641	75	98670	5.230	ug/L	100

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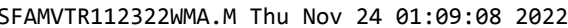
Quant Time: Nov 24 01:09:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 24 01:07:52 2022
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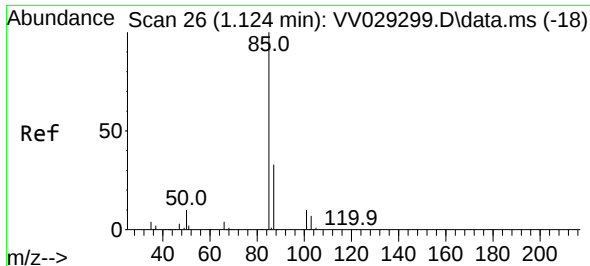
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	7.831	97	56944	5.162	ug/L	100
47) Tetrachloroethene	7.966	164	74000	5.116	ug/L	100
48) 2-Hexanone	8.136	43	277784	51.943	ug/L	98
49) Dibromochloromethane	8.236	129	65150	5.250	ug/L	100
50) 1,2-Dibromoethane	8.342	107	50818	5.279	ug/L	100
51) Chlorobenzene	8.873	112	232765	5.017	ug/L	100
52) Ethylbenzene	9.001	91	395615	5.112	ug/L	100
53) m,p-Xylene	9.130	106	154815	5.071	ug/L	100
54) o-Xylene	9.535	106	151213	5.043	ug/L	100
55) Styrene	9.551	104	259924	5.135	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.233	83	58075	5.088	ug/L	100
59) Bromoform	9.722	173	32773	4.976	ug/L	100
60) Isopropylbenzene	9.921	105	410599	5.066	ug/L	100
61) 1,2,3-Trichloropropane	10.265	75	44190	5.082	ug/L	100
62) 1,3,5-Trimethylbenzene	10.529	105	356565	5.081	ug/L	100
63) 1,2,4-Trimethylbenzene	10.905	105	355420	5.035	ug/L	100
64) 1,3-Dichlorobenzene	11.169	146	190850	5.047	ug/L	100
65) 1,4-Dichlorobenzene	11.262	146	187036	5.000	ug/L	100
67) 1,2-Dichlorobenzene	11.632	146	174404	5.006	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.416	75	8332	4.880	ug/L	100
69) 1,3,5-Trichlorobenzene	12.635	180	154532	4.960	ug/L	100
70) 1,2,4-trichlorobenzene	13.249	180	125428	4.969	ug/L	100
71) Naphthalene	13.493	128	97867	4.478	ug/L	100
72) 1,2,3-Trichlorobenzene	13.731	180	103271	5.025	ug/L	100

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

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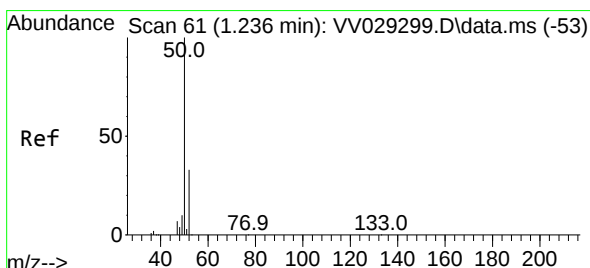
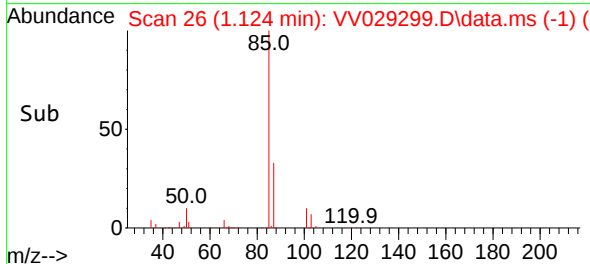
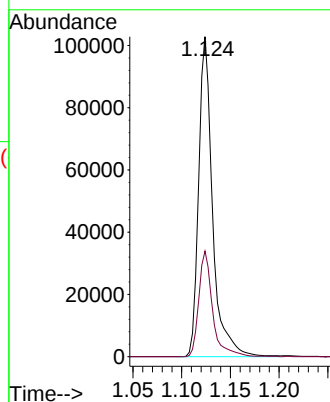
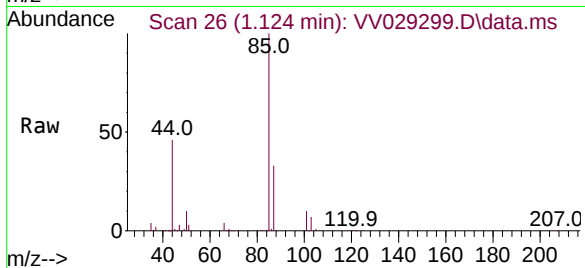




#2
 Dichlorodifluoromethane
 Concen: 4.924 ug/L
 RT: 1.124 min Scan# 26
 Delta R.T. 0.000 min
 Lab File: VV029299.D
 Acq: 23 Nov 2022 16:59

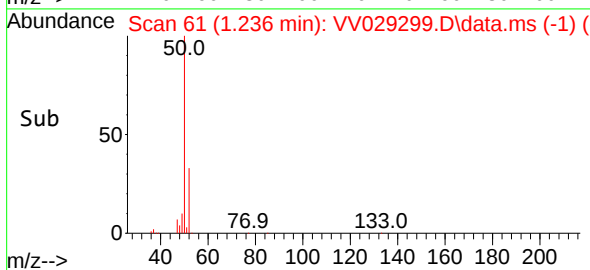
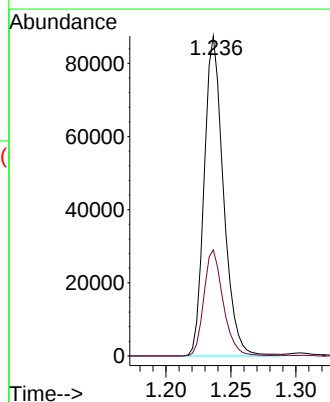
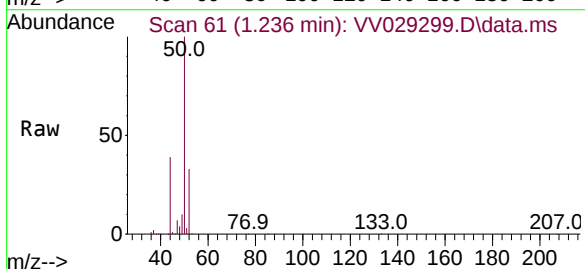
Instrument :
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 ClientSampleId :

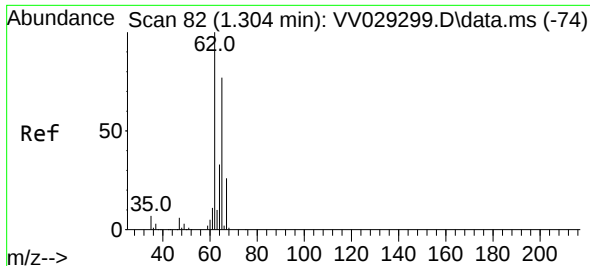
Tgt Ion: 85 Resp: 102343
 Ion Ratio Lower Upper
 85 100
 87 32.8 26.2 39.4



#3
 Chloromethane
 Concen: 4.750 ug/L
 RT: 1.236 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: VV029299.D
 Acq: 23 Nov 2022 16:59

Tgt Ion: 50 Resp: 90466
 Ion Ratio Lower Upper
 50 100
 52 33.2 23.2 43.2

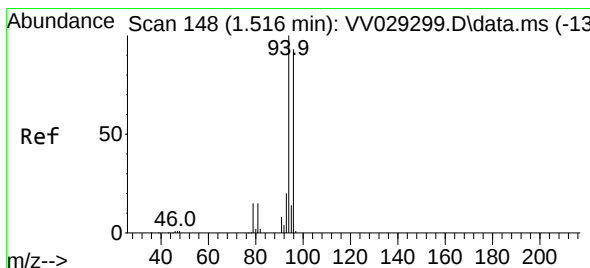
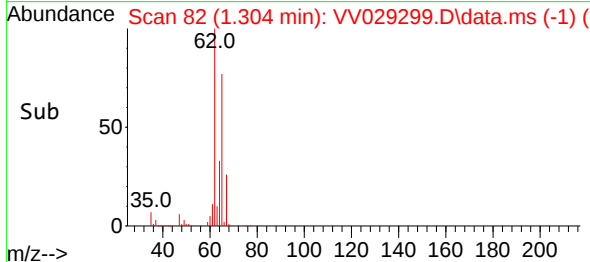
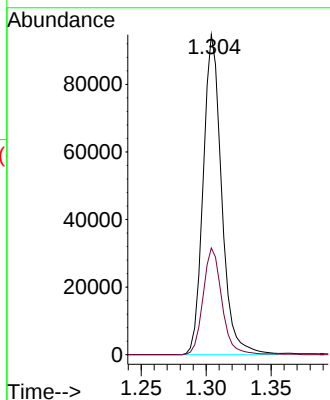
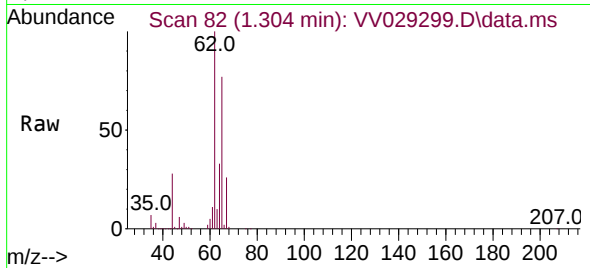




#5
 Vinyl chloride
 Concen: 4.945 ug/L
 RT: 1.304 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VV029299.D
 Acq: 23 Nov 2022 16:59

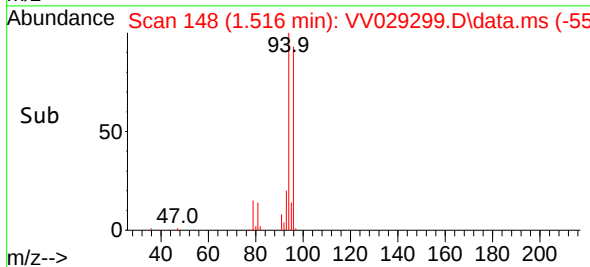
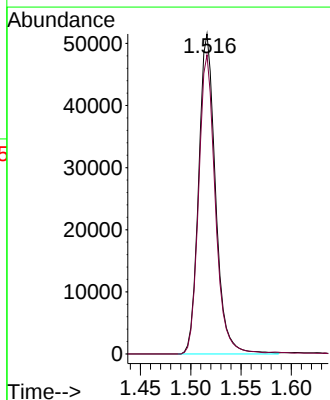
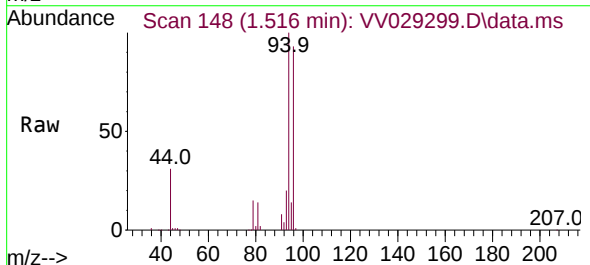
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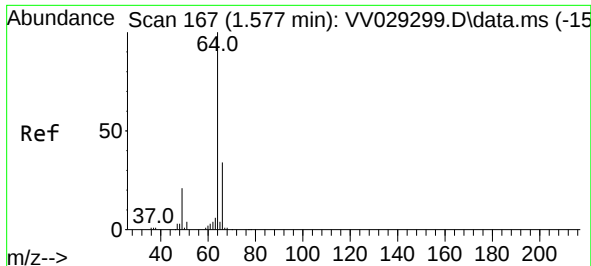
Tgt Ion: 62 Resp: 93840
 Ion Ratio Lower Upper
 62 100
 64 33.4 23.4 43.4



#6
 Bromomethane
 Concen: 5.081 ug/L
 RT: 1.516 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VV029299.D
 Acq: 23 Nov 2022 16:59

Tgt Ion: 94 Resp: 60167
 Ion Ratio Lower Upper
 94 100
 96 93.4 65.4 121.4

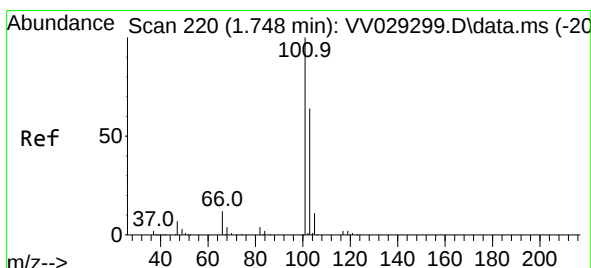
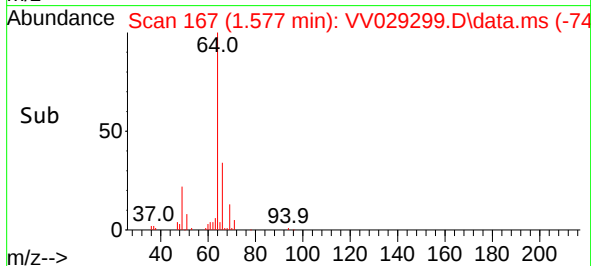
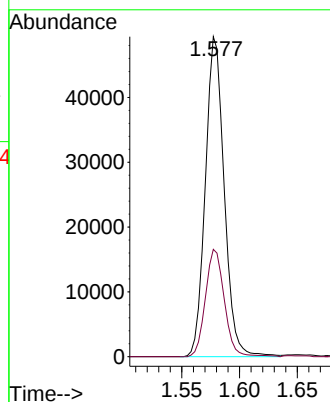
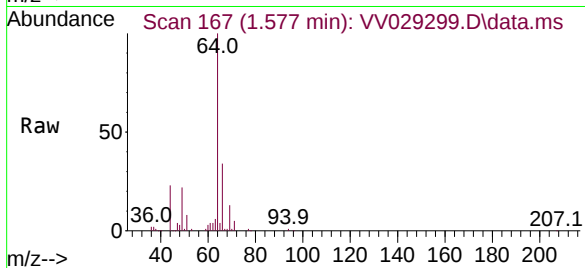




#8
Chloroethane
Concen: 4.980 ug/L
RT: 1.577 min Scan# 1
Delta R.T. 0.000 min
Lab File: VV029299.D
Acq: 23 Nov 2022 16:59

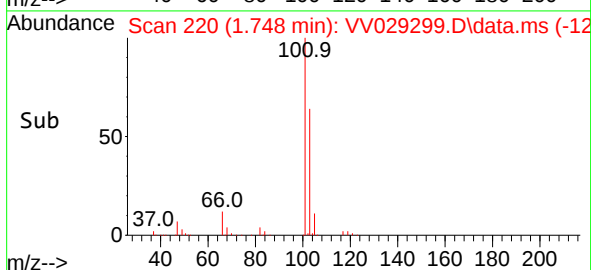
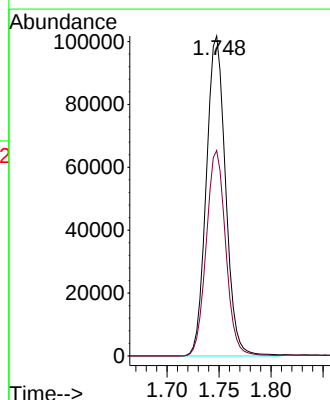
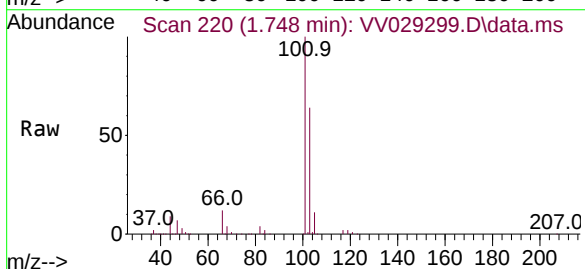
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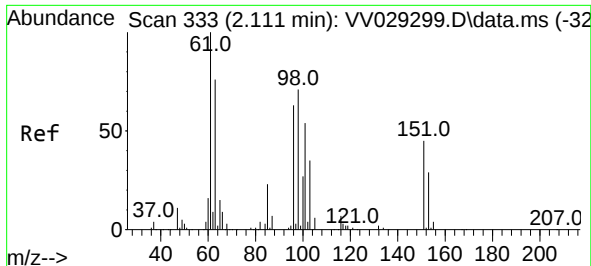
Tgt Ion: 64 Resp: 56175
Ion Ratio Lower Upper
64 100
66 33.6 23.5 43.7



#9
Trichlorofluoromethane
Concen: 4.932 ug/L
RT: 1.748 min Scan# 220
Delta R.T. 0.000 min
Lab File: VV029299.D
Acq: 23 Nov 2022 16:59

Tgt Ion:101 Resp: 131008
Ion Ratio Lower Upper
101 100
103 64.8 51.8 77.8

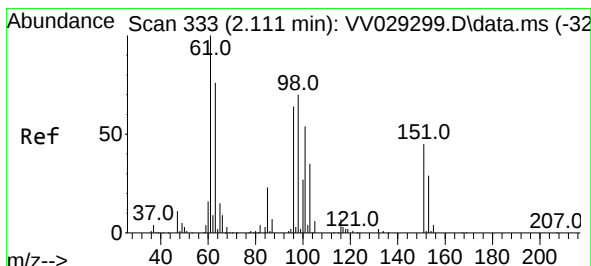
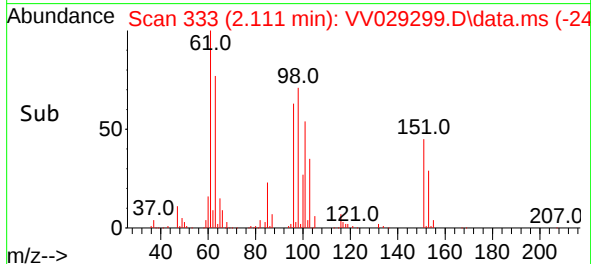
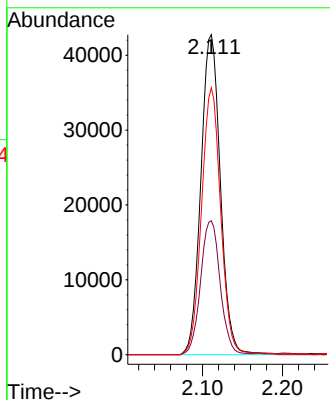
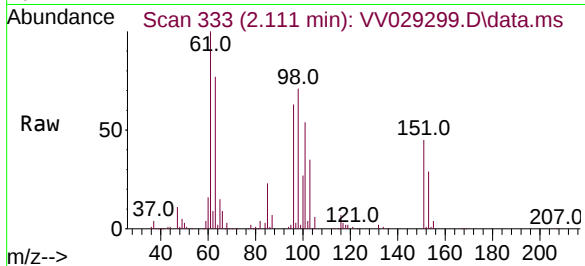




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.907 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. 0.000 min
 Lab File: VV029299.D
 Acq: 23 Nov 2022 16:59

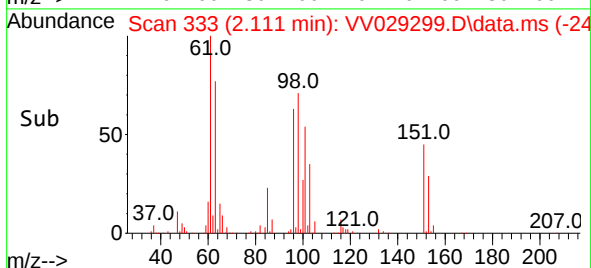
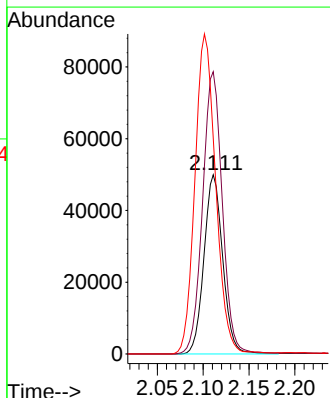
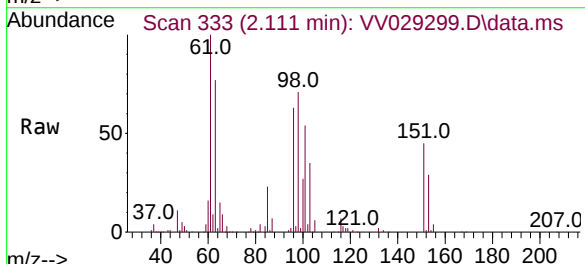
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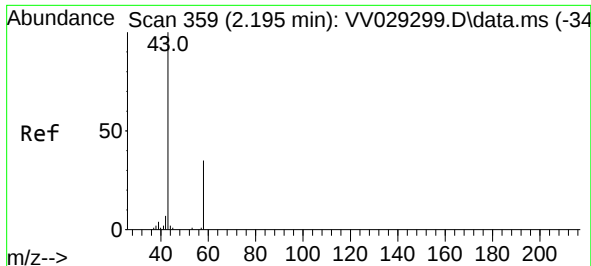
Tgt Ion:101 Resp: 72685
 Ion Ratio Lower Upper
 101 100
 85 42.0 33.6 50.4
 151 81.6 65.3 97.9



#12
 1,1-Dichloroethene
 Concen: 4.961 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. 0.000 min
 Lab File: VV029299.D
 Acq: 23 Nov 2022 16:59

Tgt Ion: 96 Resp: 71070
 Ion Ratio Lower Upper
 96 100
 61 157.6 110.3 204.9
 63 120.6 84.4 156.8





#13

Acetone

Concen: 47.140 ug/L

RT: 2.195 min Scan# 359

Delta R.T. 0.000 min

Lab File: VV029299.D

Acq: 23 Nov 2022 16:59

Instrument :

MSVOA_V

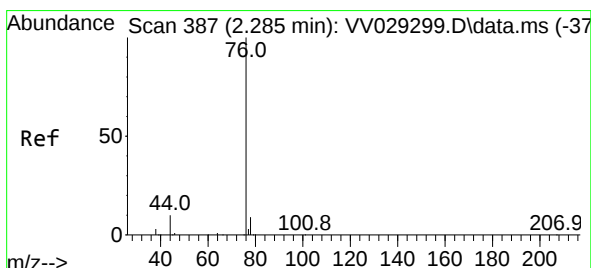
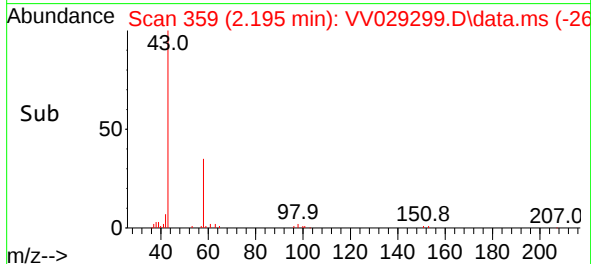
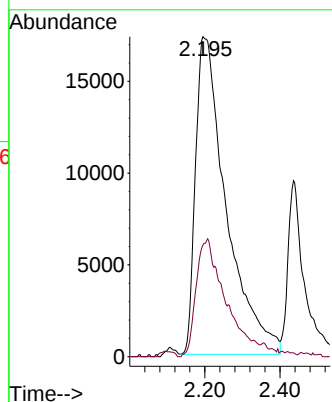
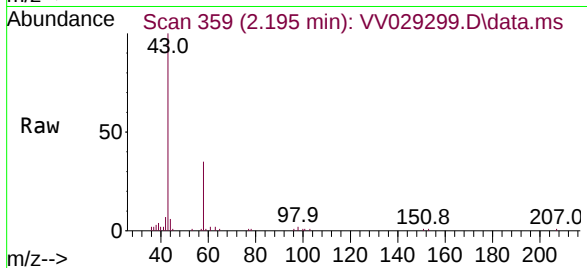
ClientSampleId :

Tgt Ion: 43 Resp: 98254

Ion Ratio Lower Upper

43 100

58 35.4 0.0 70.8



#14

Carbon disulfide

Concen: 4.826 ug/L

RT: 2.285 min Scan# 387

Delta R.T. 0.000 min

Lab File: VV029299.D

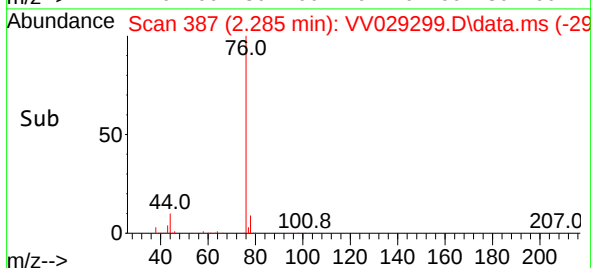
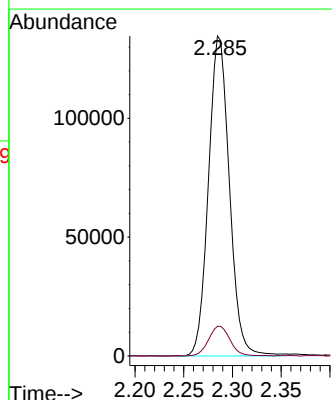
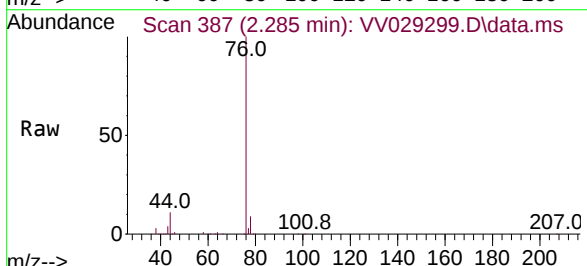
Acq: 23 Nov 2022 16:59

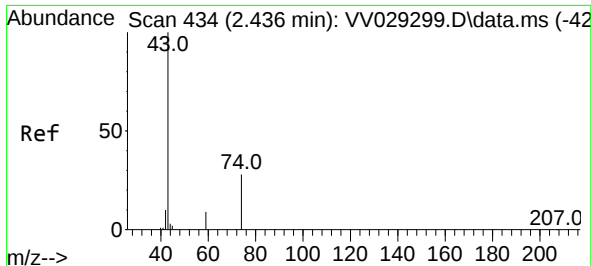
Tgt Ion: 76 Resp: 200886

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.2

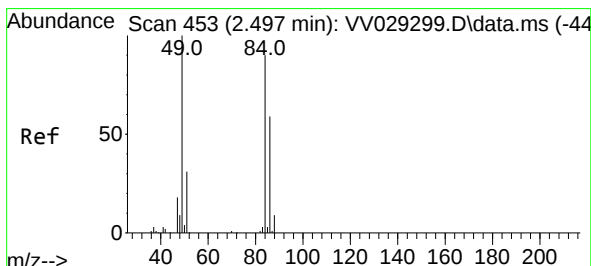
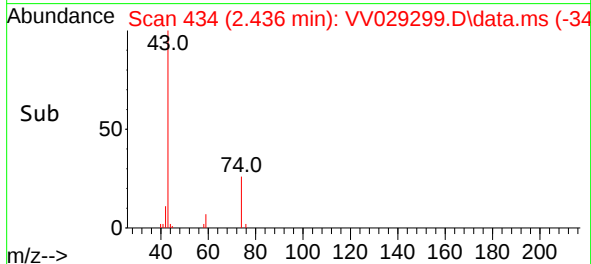
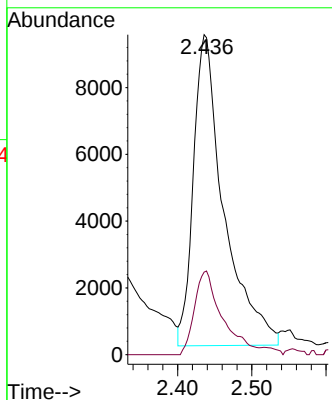
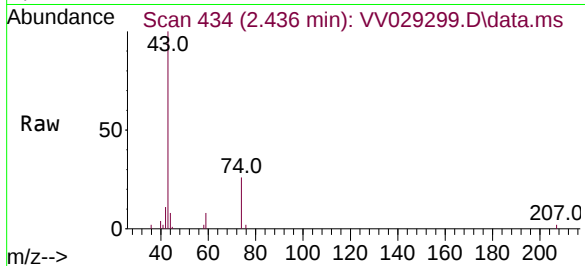




#15
Methyl Acetate
Concen: 4.394 ug/L
RT: 2.436 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV029299.D
Acq: 23 Nov 2022 16:59

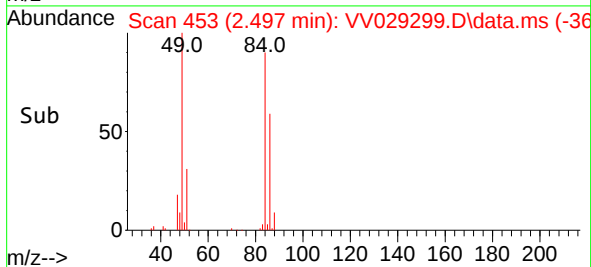
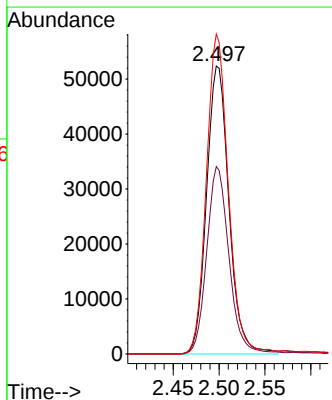
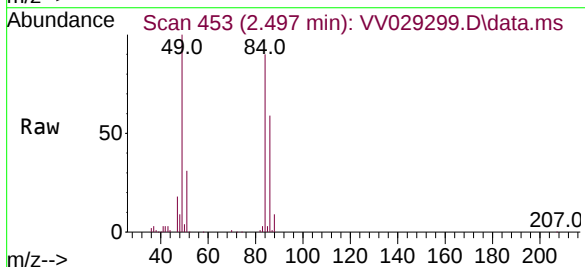
Instrument :
MSVOA_V
ClientSampleId :

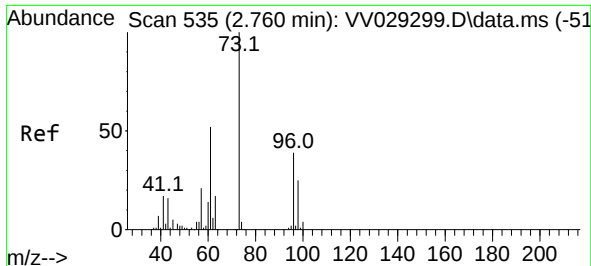
Tgt Ion: 43 Resp: 26588
Ion Ratio Lower Upper
43 100
74 24.5 19.6 29.4



#16
Methylene chloride
Concen: 4.061 ug/L
RT: 2.497 min Scan# 453
Delta R.T. 0.000 min
Lab File: VV029299.D
Acq: 23 Nov 2022 16:59

Tgt Ion: 84 Resp: 88895
Ion Ratio Lower Upper
84 100
86 65.1 45.6 84.6
49 111.1 77.8 144.4

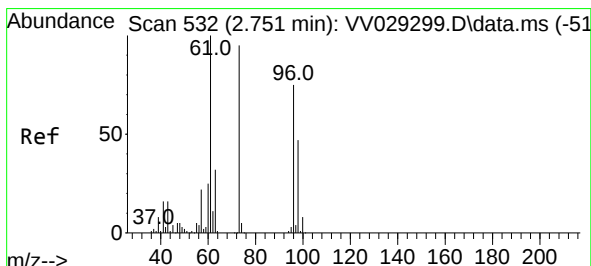
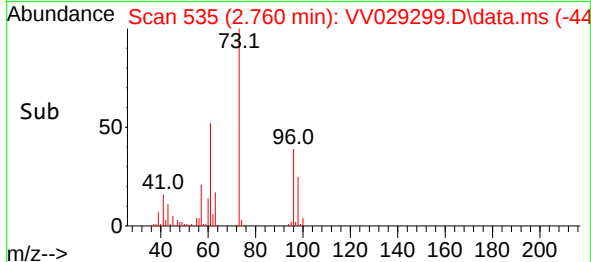
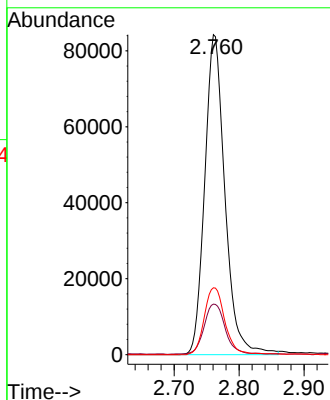
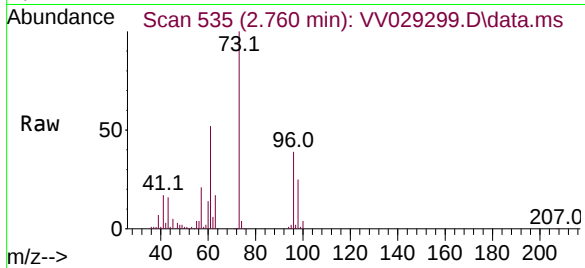




#17
Methyl tert-butyl Ether
Concen: 4.981 ug/L
RT: 2.760 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV029299.D
Acq: 23 Nov 2022 16:59

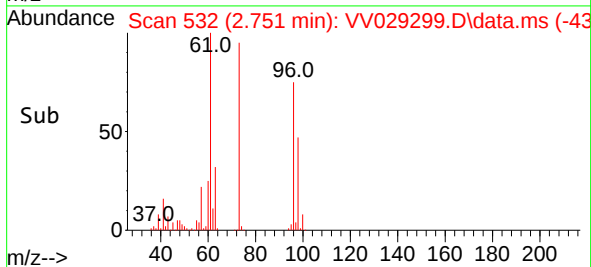
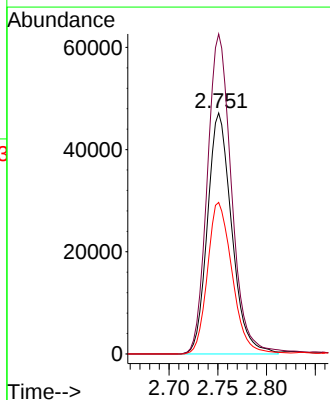
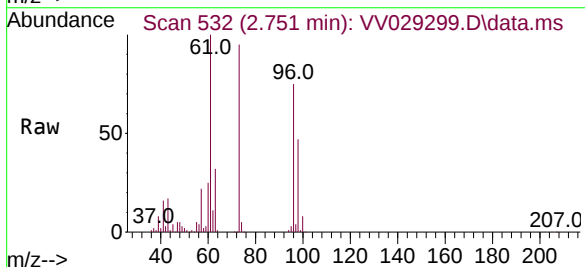
Instrument :
MSVOA_V
ClientSampleId :

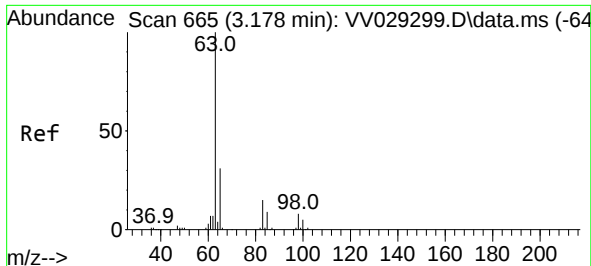
Tgt Ion: 73 Resp: 182408
Ion Ratio Lower Upper
73 100
43 16.5 13.2 19.8
57 21.1 16.9 25.3



#18
trans-1,2-Dichloroethene
Concen: 4.977 ug/L
RT: 2.751 min Scan# 532
Delta R.T. 0.000 min
Lab File: VV029299.D
Acq: 23 Nov 2022 16:59

Tgt Ion: 96 Resp: 81826
Ion Ratio Lower Upper
96 100
61 132.8 93.0 172.6
98 62.9 44.0 81.8





#19

1,1-Dichloroethane

Concen: 5.044 ug/L

RT: 3.178 min Scan# 665

Delta R.T. 0.000 min

Lab File: VV029299.D

Acq: 23 Nov 2022 16:59

Instrument :

MSVOA_V

ClientSampleId :

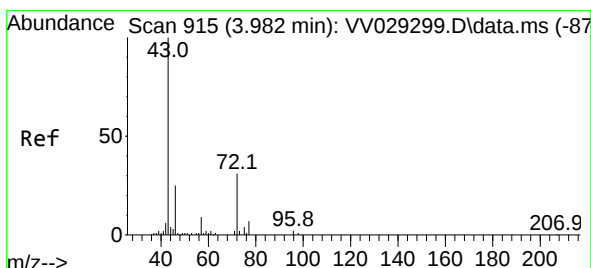
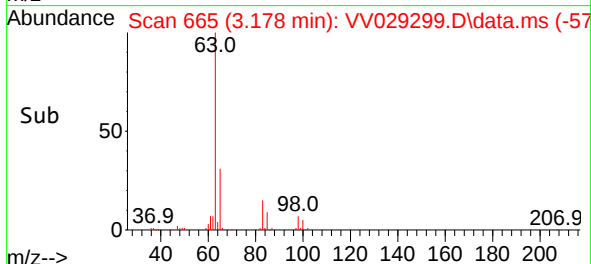
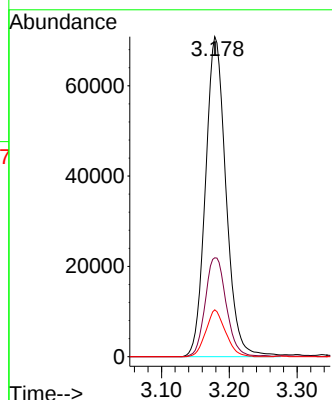
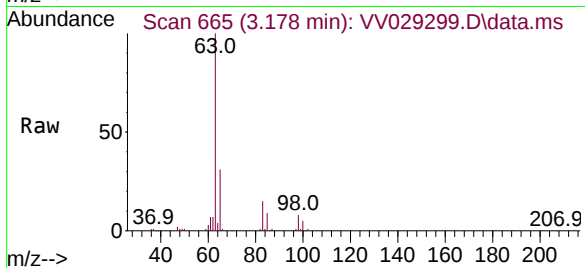
Tgt Ion: 63 Resp: 149249

Ion Ratio Lower Upper

63 100

65 30.9 21.6 40.2

83 14.7 10.3 19.1



#21

2-Butanone

Concen: 45.054 ug/L

RT: 3.982 min Scan# 915

Delta R.T. 0.000 min

Lab File: VV029299.D

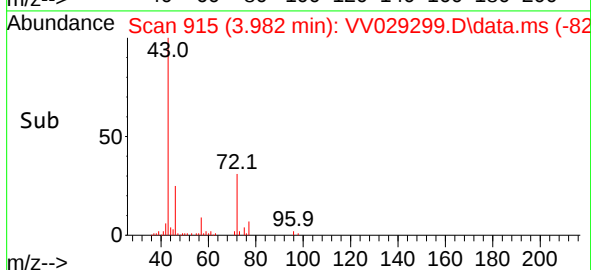
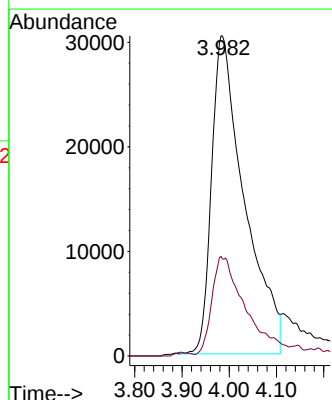
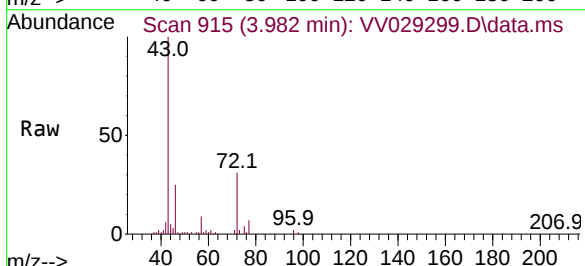
Acq: 23 Nov 2022 16:59

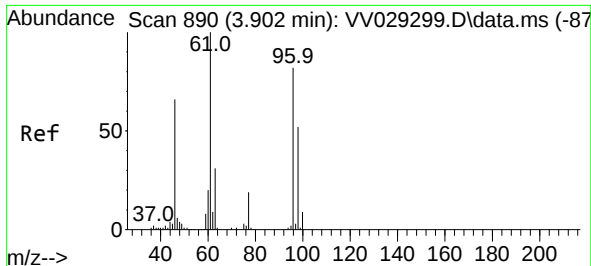
Tgt Ion: 43 Resp: 147418

Ion Ratio Lower Upper

43 100

72 31.2 13.8 41.3

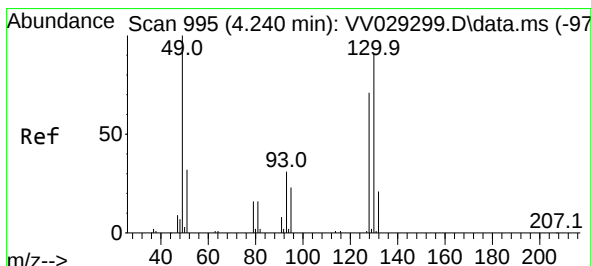
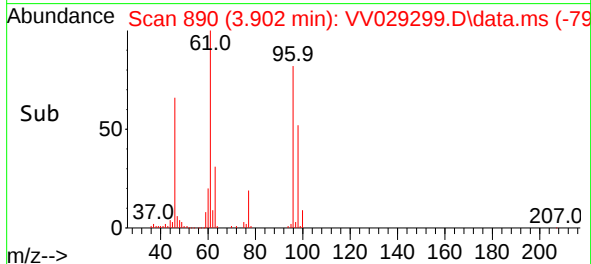
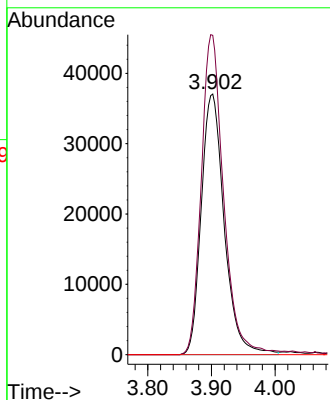
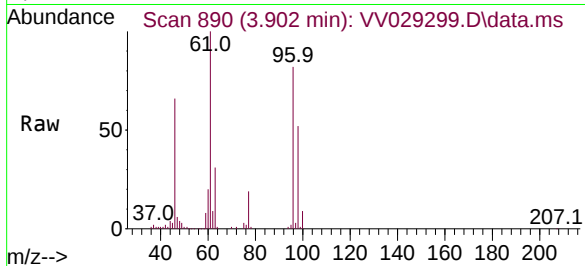




#22
 cis-1,2-Dichloroethene
 Concen: 4.952 ug/L
 RT: 3.902 min Scan# 890
 Delta R.T. 0.000 min
 Lab File: VV029299.D
 Acq: 23 Nov 2022 16:59

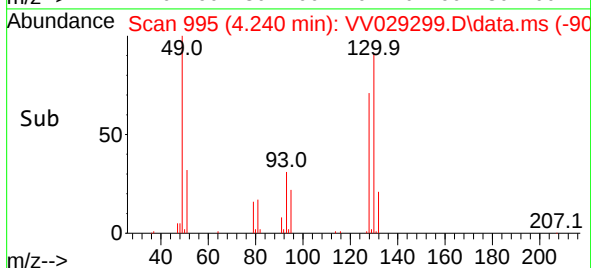
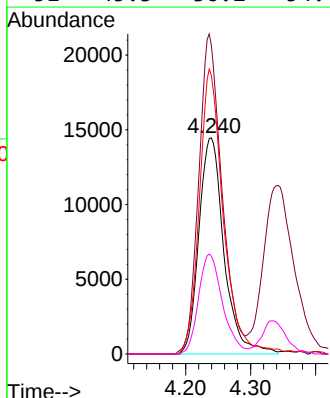
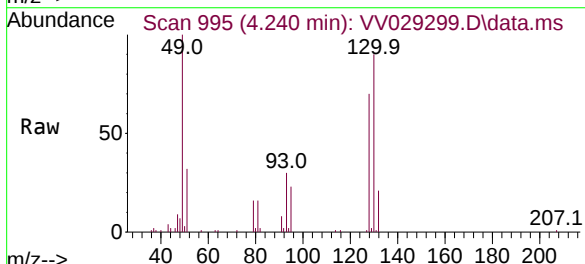
Instrument :
 MSVOA_V
 ClientSampleId :

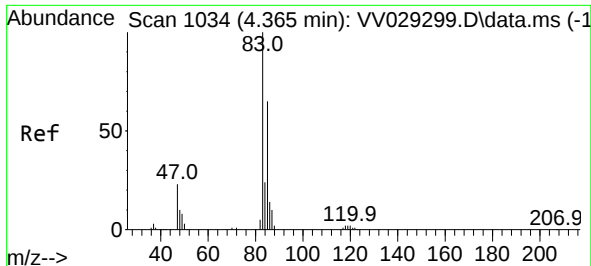
Tgt Ion: 96 Resp: 93127
 Ion Ratio Lower Upper
 96 100
 61 122.5 85.8 159.3
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 5.143 ug/L
 RT: 4.240 min Scan# 995
 Delta R.T. 0.000 min
 Lab File: VV029299.D
 Acq: 23 Nov 2022 16:59

Tgt Ion: 128 Resp: 38741
 Ion Ratio Lower Upper
 128 100
 49 142.9 100.0 185.8
 130 128.9 90.2 167.6
 51 45.3 36.2 54.4

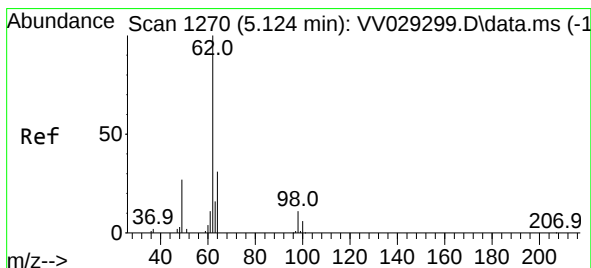
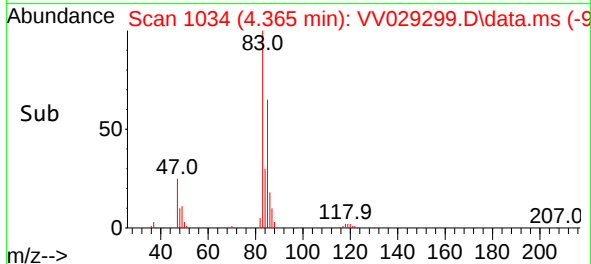
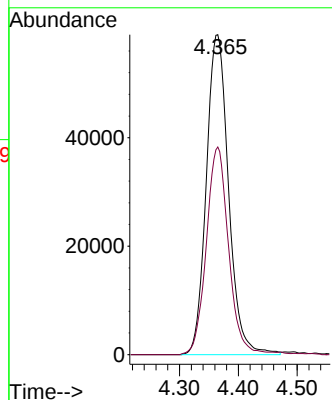
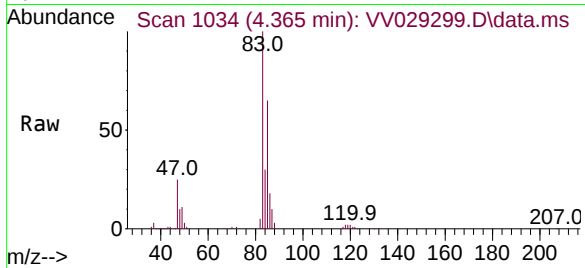




#25
Chloroform
Concen: 5.020 ug/L
RT: 4.365 min Scan# 1034
Delta R.T. 0.000 min
Lab File: VV029299.D
Acq: 23 Nov 2022 16:59

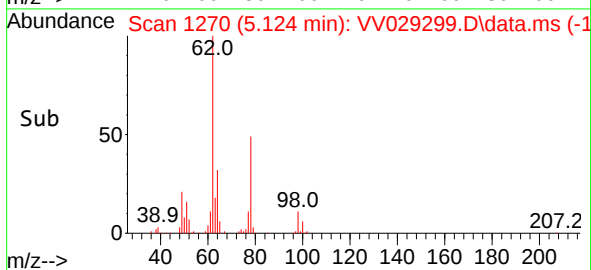
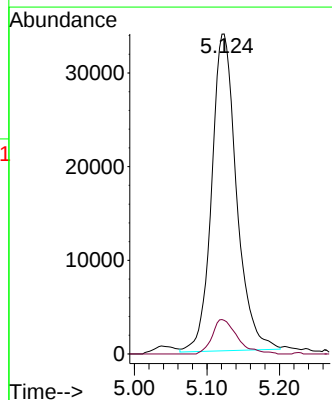
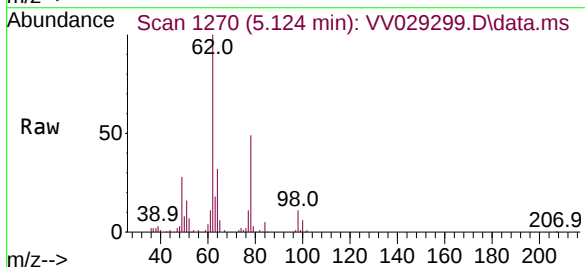
Instrument :
MSVOA_V
ClientSampleId :

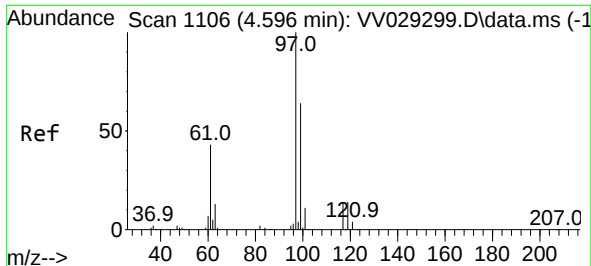
Tgt Ion: 83 Resp: 155109
Ion Ratio Lower Upper
83 100
85 64.9 45.4 84.4



#27
1,2-Dichloroethane
Concen: 4.830 ug/L
RT: 5.124 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VV029299.D
Acq: 23 Nov 2022 16:59

Tgt Ion: 62 Resp: 80845
Ion Ratio Lower Upper
62 100
98 10.5 8.4 12.6





#29

1,1,1-Trichloroethane

Concen: 5.090 ug/L

RT: 4.596 min Scan# 1106

Delta R.T. 0.000 min

Lab File: VV029299.D

Acq: 23 Nov 2022 16:59

Instrument :

MSVOA_V

ClientSampleId :

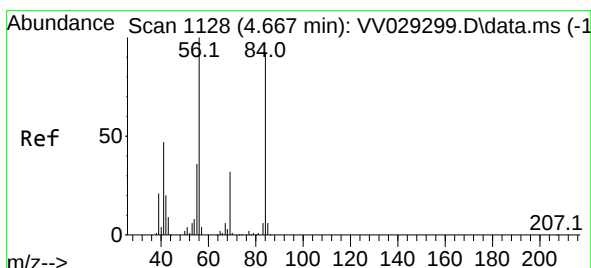
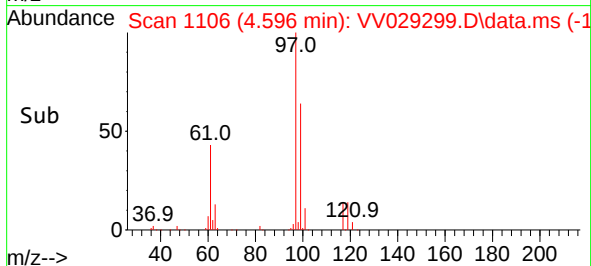
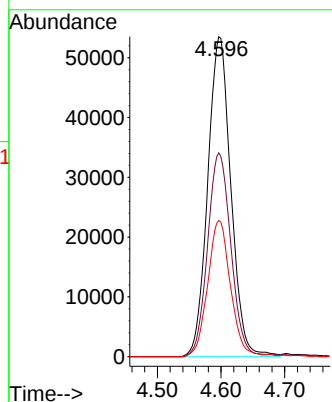
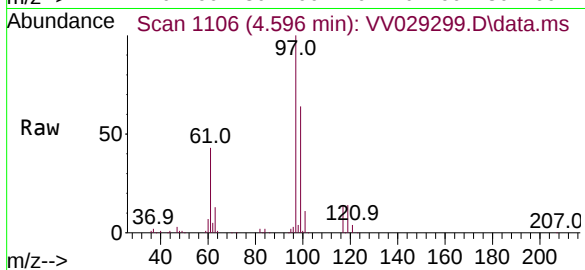
Tgt Ion: 97 Resp: 135402

Ion Ratio Lower Upper

97 100

99 64.0 51.2 76.8

61 41.6 33.3 49.9



#30

Cyclohexane

Concen: 5.117 ug/L

RT: 4.667 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VV029299.D

Acq: 23 Nov 2022 16:59

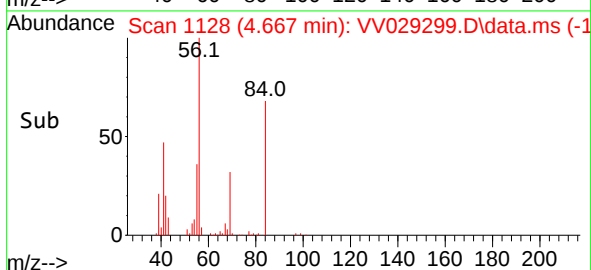
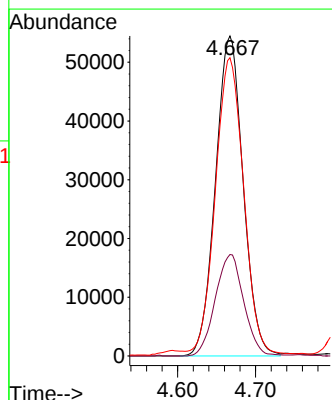
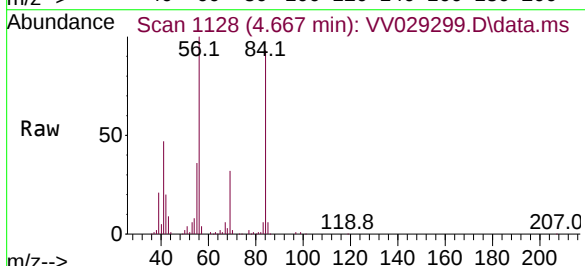
Tgt Ion: 56 Resp: 134543

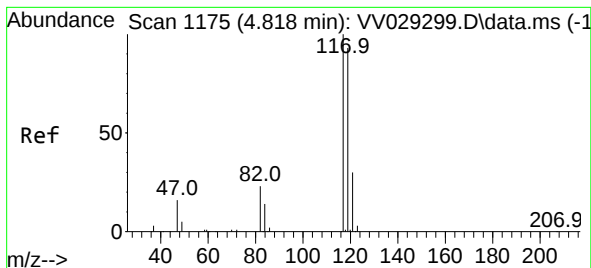
Ion Ratio Lower Upper

56 100

69 32.6 26.1 39.1

84 94.5 75.6 113.4





#31

Carbon tetrachloride

Concen: 5.146 ug/L

RT: 4.818 min Scan# 1175

Delta R.T. 0.000 min

Lab File: VV029299.D

Acq: 23 Nov 2022 16:59

Instrument :

MSVOA_V

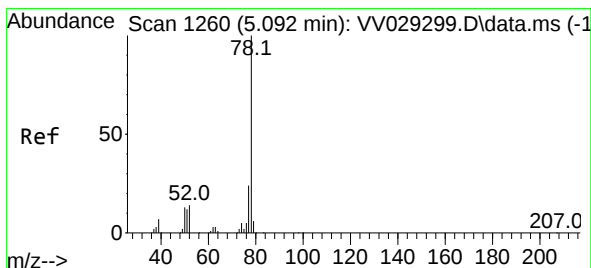
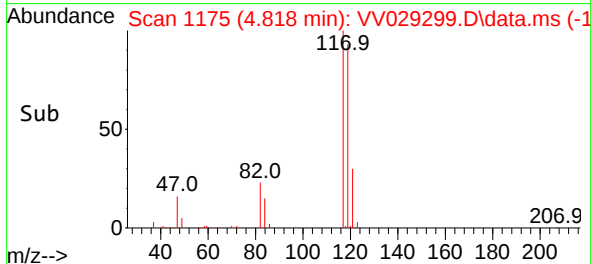
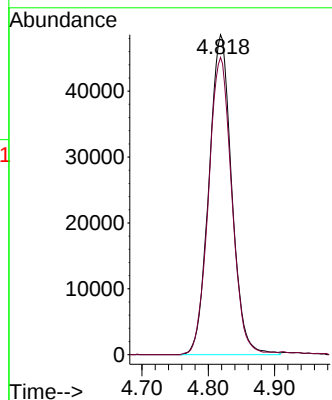
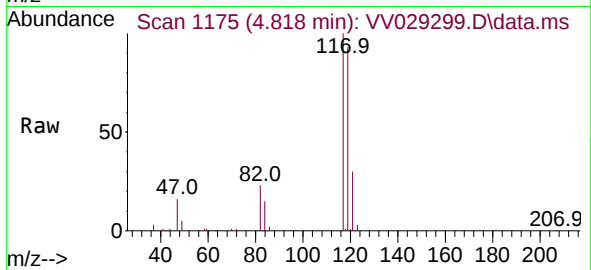
ClientSampleId :

Tgt Ion:117 Resp: 115755

Ion Ratio Lower Upper

117 100

119 94.6 75.7 113.5



#33

Benzene

Concen: 5.083 ug/L

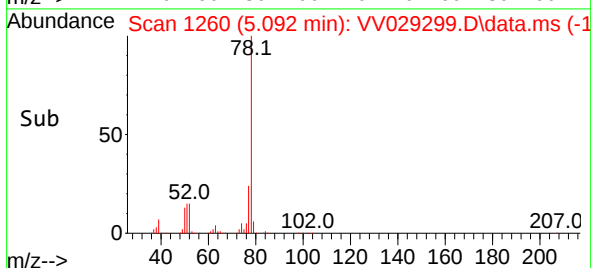
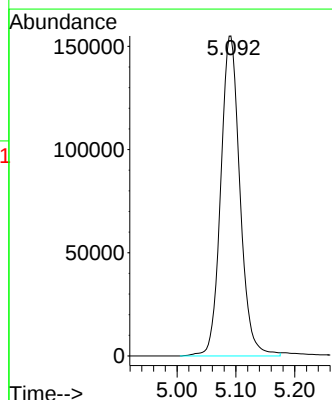
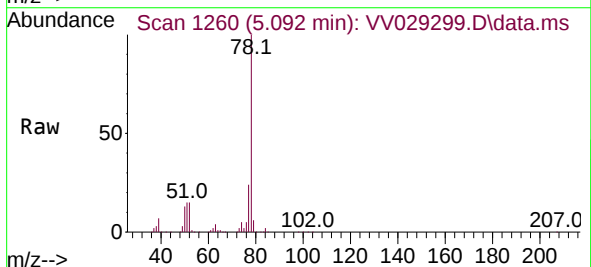
RT: 5.092 min Scan# 1260

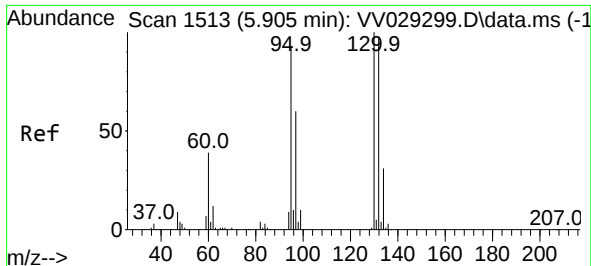
Delta R.T. 0.000 min

Lab File: VV029299.D

Acq: 23 Nov 2022 16:59

Tgt Ion: 78 Resp: 351583



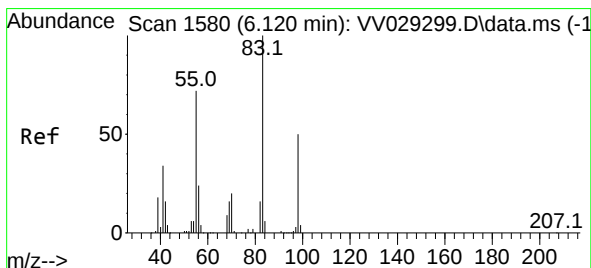
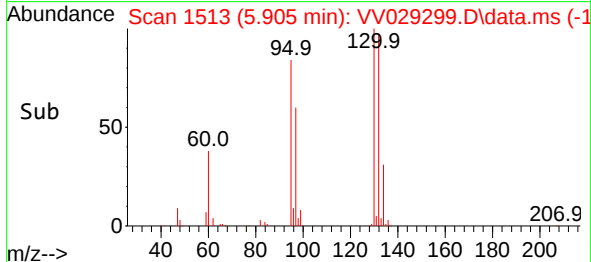
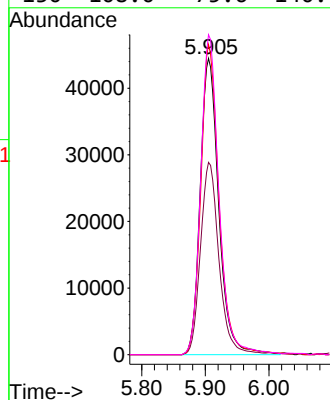
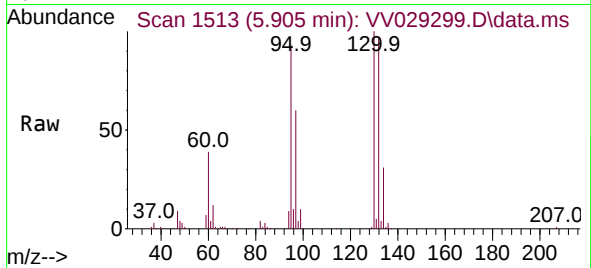


#34
 Trichloroethene
 Concen: 5.116 ug/L
 RT: 5.905 min Scan# 1513
 Delta R.T. 0.000 min
 Lab File: VV029299.D
 Acq: 23 Nov 2022 16:59

Instrument :
 MSVOA_V
 ClientSampleId :

Tgt Ion: 95 Resp: 90278

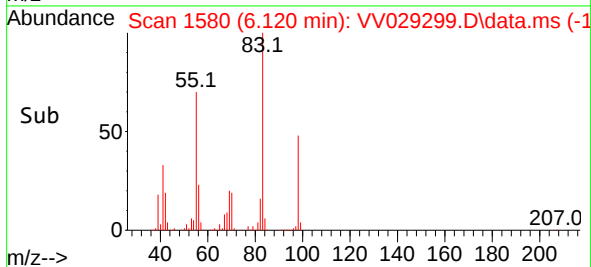
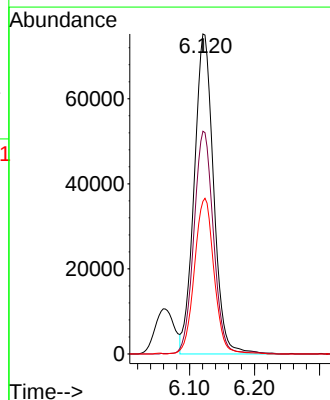
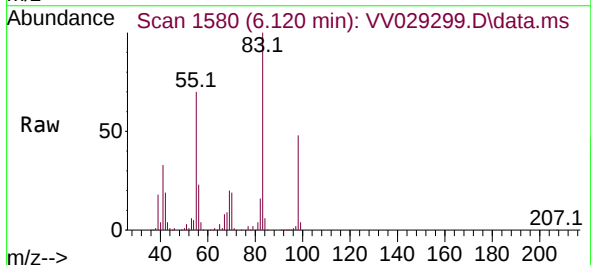
Ion	Ratio	Lower	Upper
95	100		
97	64.9	45.4	84.4
132	104.7	73.3	136.1
130	108.0	75.6	140.4

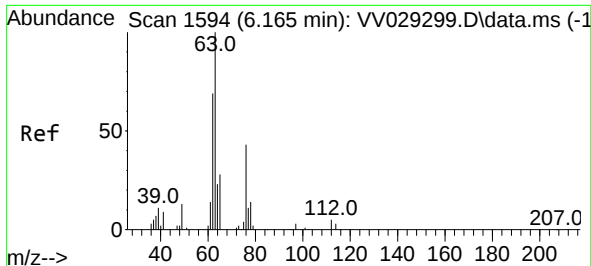


#35
 Methylcyclohexane
 Concen: 5.244 ug/L
 RT: 6.120 min Scan# 1580
 Delta R.T. 0.000 min
 Lab File: VV029299.D
 Acq: 23 Nov 2022 16:59

Tgt Ion: 83 Resp: 156185

Ion	Ratio	Lower	Upper
83	100		
55	69.3	55.4	83.2
98	49.3	39.4	59.2





#37

1,2-Dichloropropane

Concen: 5.124 ug/L

RT: 6.165 min Scan# 1594

Delta R.T. 0.000 min

Lab File: VV029299.D

Acq: 23 Nov 2022 16:59

Instrument :

MSVOA_V

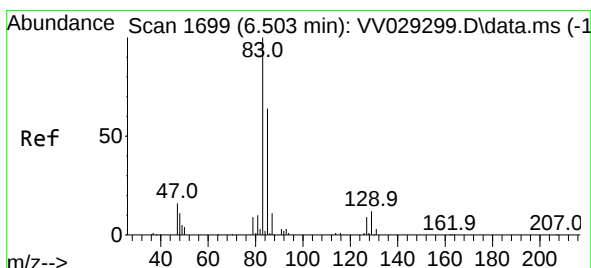
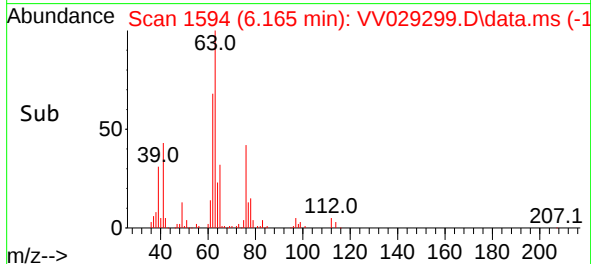
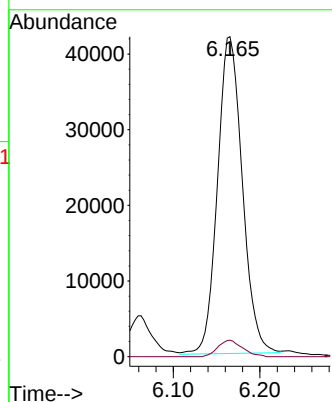
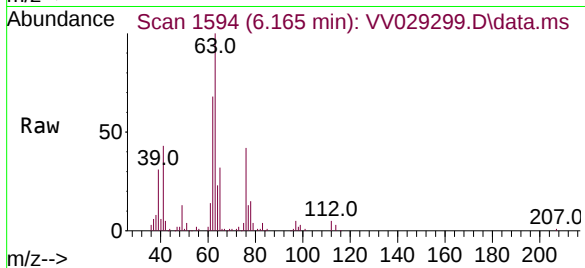
ClientSampleId :

Tgt Ion: 63 Resp: 83486

Ion Ratio Lower Upper

63 100

112 5.1 4.1 6.1



#38

Bromodichloromethane

Concen: 5.123 ug/L

RT: 6.503 min Scan# 1699

Delta R.T. 0.000 min

Lab File: VV029299.D

Acq: 23 Nov 2022 16:59

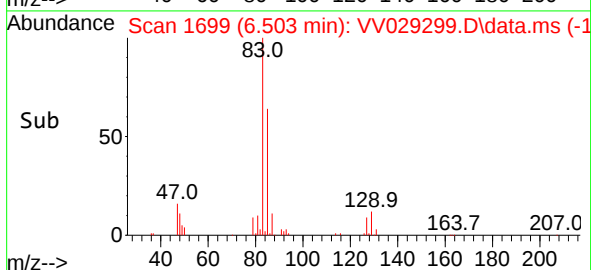
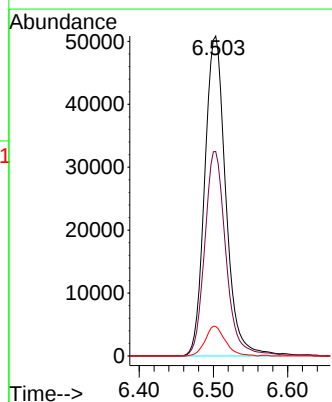
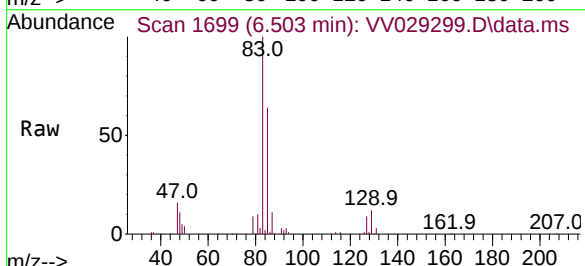
Tgt Ion: 83 Resp: 99928

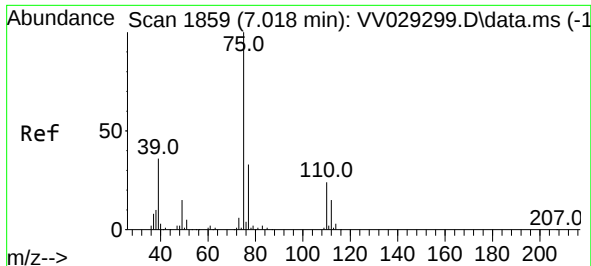
Ion Ratio Lower Upper

83 100

85 63.9 44.7 83.1

127 9.3 7.4 11.2





#39

cis-1,3-Dichloropropene

Concen: 5.258 ug/L

RT: 7.018 min Scan# 1859

Delta R.T. 0.000 min

Lab File: VV029299.D

Acq: 23 Nov 2022 16:59

Instrument :

MSVOA_V

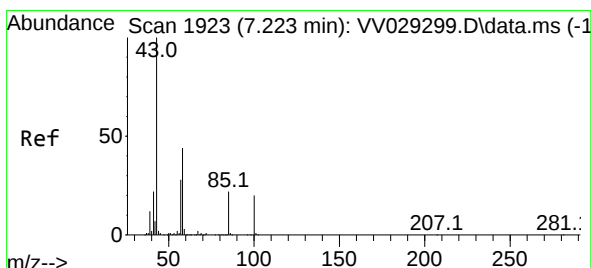
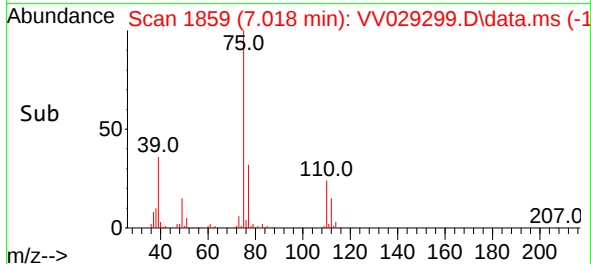
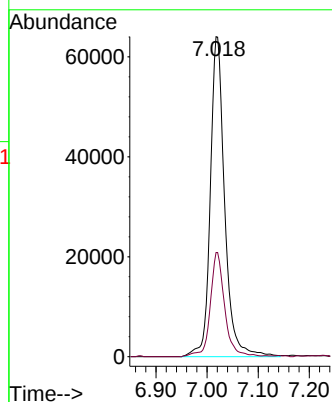
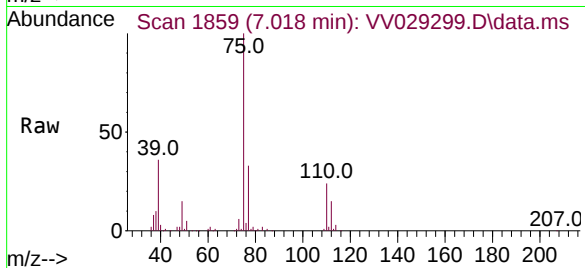
ClientSampleId :

Tgt Ion: 75 Resp: 125239

Ion Ratio Lower Upper

75 100

77 32.5 22.7 42.3



#40

4-Methyl-2-pentanone

Concen: 52.635 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. 0.000 min

Lab File: VV029299.D

Acq: 23 Nov 2022 16:59

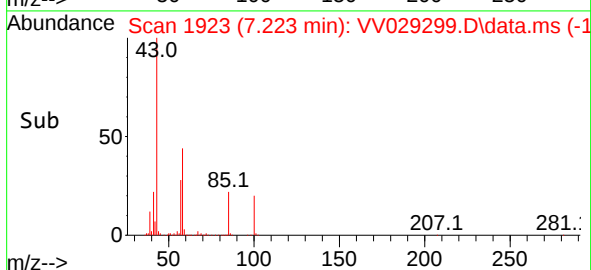
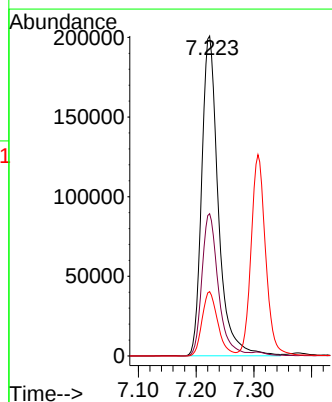
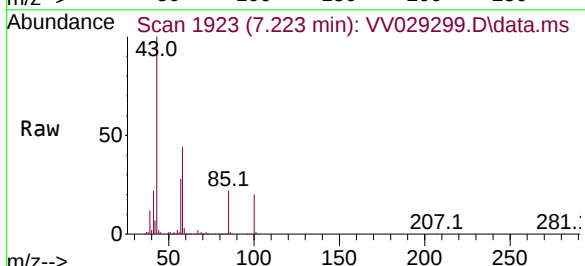
Tgt Ion: 43 Resp: 401315

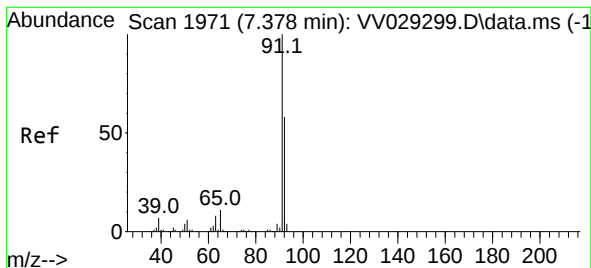
Ion Ratio Lower Upper

43 100

58 44.1 35.3 52.9

100 19.1 15.3 22.9





#42

Toluene

Concen: 5.182 ug/L

RT: 7.378 min Scan# 1971

Delta R.T. 0.000 min

Lab File: VV029299.D

Acq: 23 Nov 2022 16:59

Instrument :

MSVOA_V

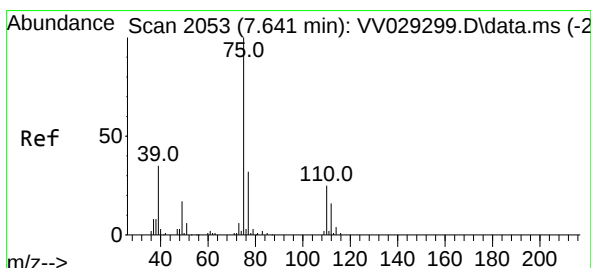
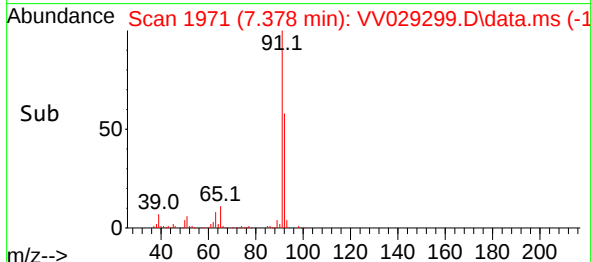
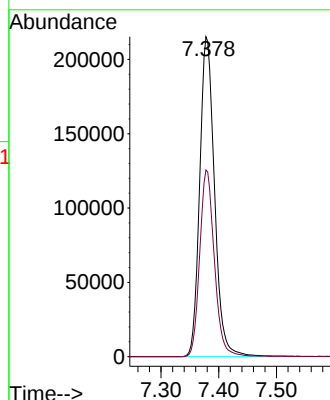
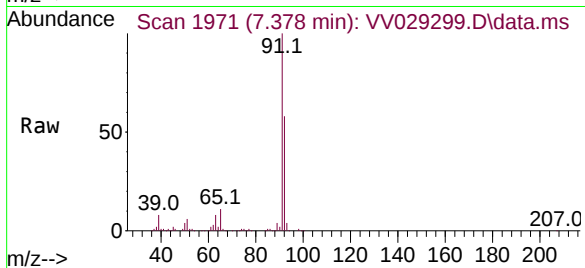
ClientSampleId :

Tgt Ion: 91 Resp: 384703

Ion Ratio Lower Upper

91 100

92 58.3 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 5.230 ug/L

RT: 7.641 min Scan# 2053

Delta R.T. 0.000 min

Lab File: VV029299.D

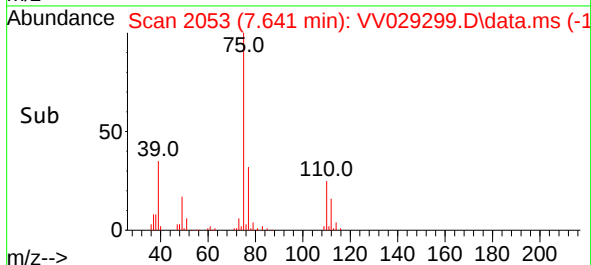
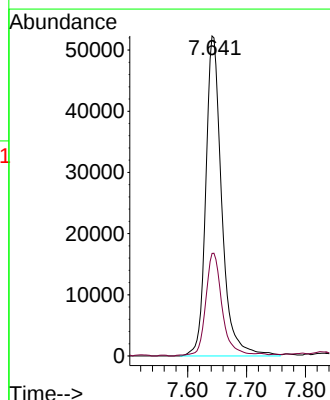
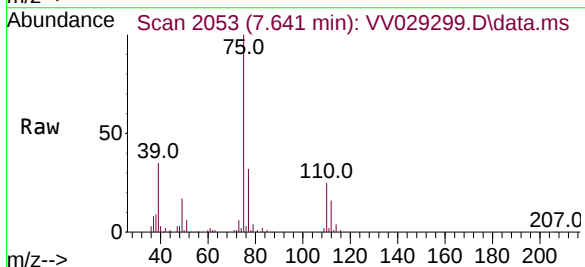
Acq: 23 Nov 2022 16:59

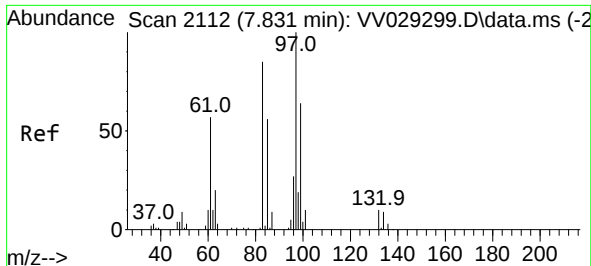
Tgt Ion: 75 Resp: 98670

Ion Ratio Lower Upper

75 100

77 32.0 22.4 41.6

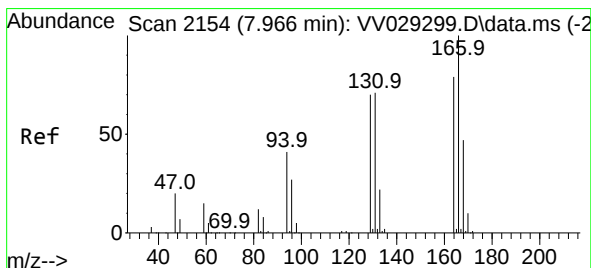
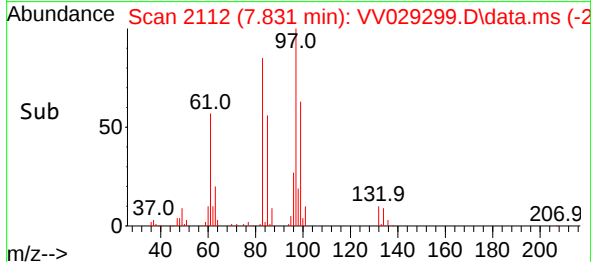
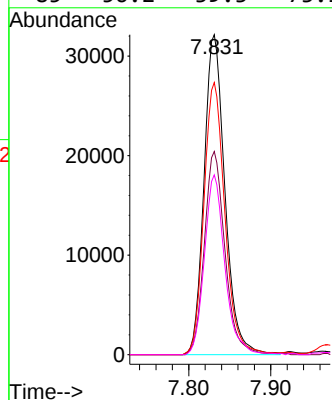
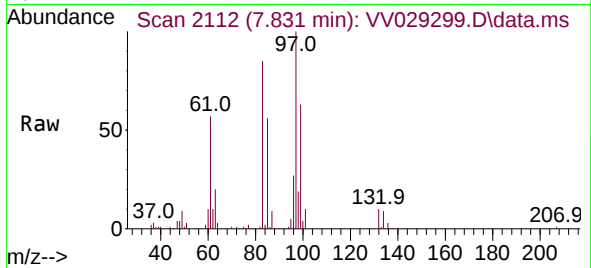




#45
1,1,2-Trichloroethane
Concen: 5.162 ug/L
RT: 7.831 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VV029299.D
Acq: 23 Nov 2022 16:59

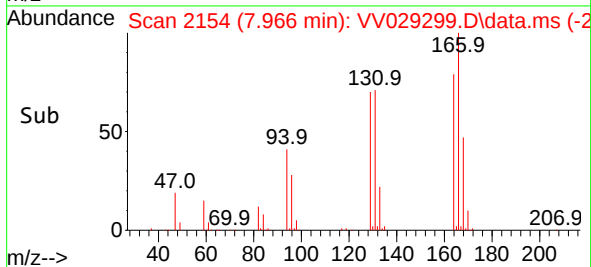
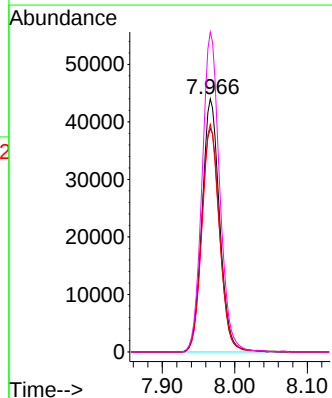
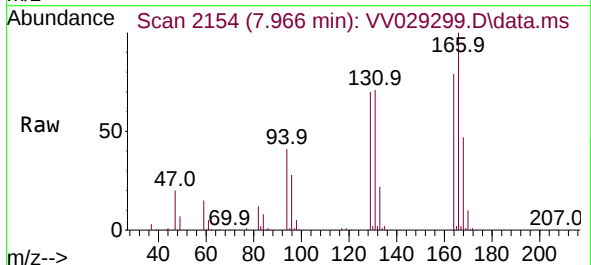
Instrument :
MSVOA_V
ClientSampleId :

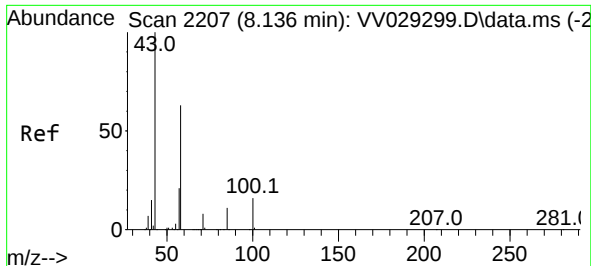
Tgt Ion:	97	Resp:	56944
Ion	Ratio	Lower	Upper
97	100		
99	63.5	44.4	82.5
83	85.0	59.5	110.5
85	56.2	39.3	73.1



#47
Tetrachloroethene
Concen: 5.116 ug/L
RT: 7.966 min Scan# 2154
Delta R.T. 0.000 min
Lab File: VV029299.D
Acq: 23 Nov 2022 16:59

Tgt Ion:	164	Resp:	74000
Ion	Ratio	Lower	Upper
164	100		
129	88.2	61.7	114.7
131	89.9	62.9	116.9
166	126.4	88.5	164.3



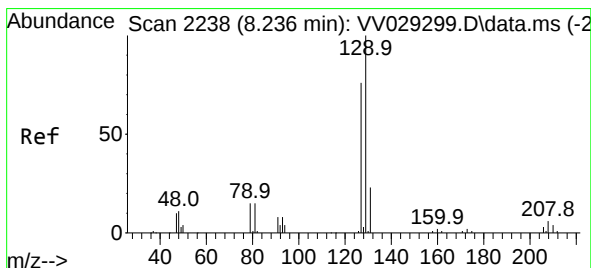
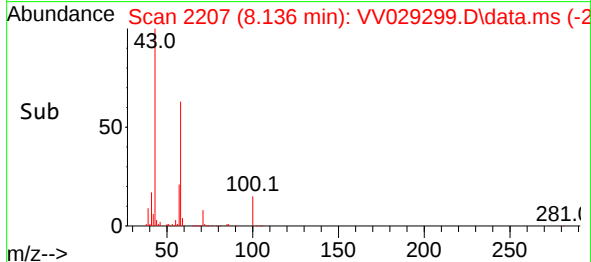
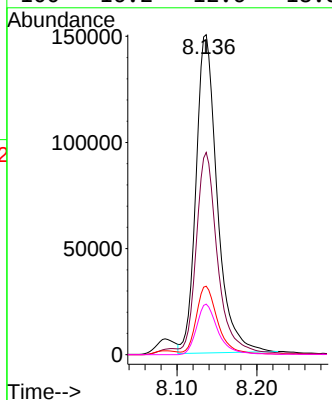
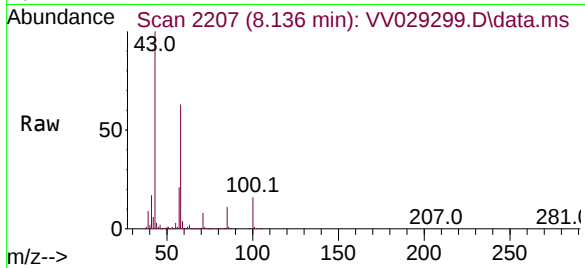


#48
2-Hexanone
Concen: 51.943 ug/L
RT: 8.136 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV029299.D
Acq: 23 Nov 2022 16:59

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 277784

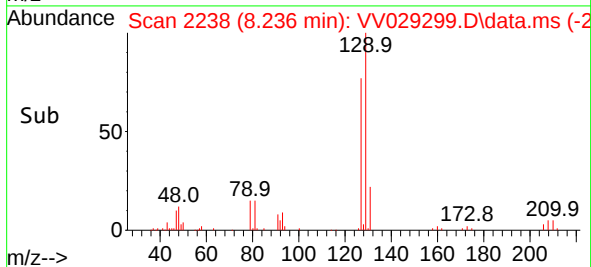
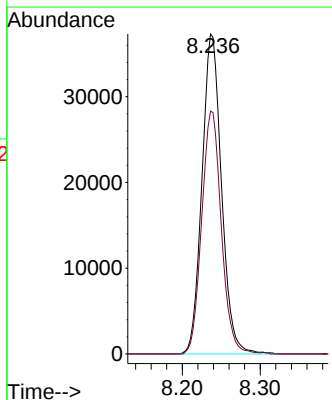
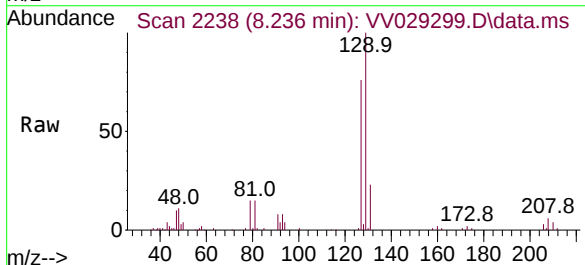
Ion	Ratio	Lower	Upper
43	100		
58	63.3	49.4	74.0
57	21.6	16.9	25.3
100	16.2	12.6	18.8

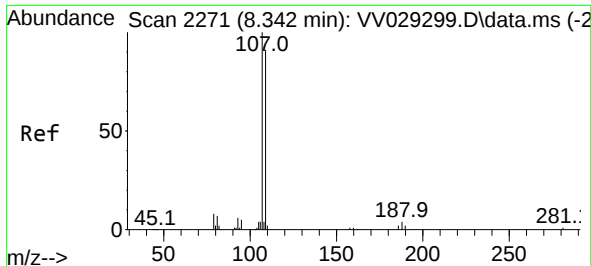


#49
Dibromochloromethane
Concen: 5.250 ug/L
RT: 8.236 min Scan# 2238
Delta R.T. 0.000 min
Lab File: VV029299.D
Acq: 23 Nov 2022 16:59

Tgt Ion: 129 Resp: 65150

Ion	Ratio	Lower	Upper
129	100		
127	75.9	53.1	98.7





#50

1,2-Dibromoethane

Concen: 5.279 ug/L

RT: 8.342 min Scan# 2271

Delta R.T. 0.000 min

Lab File: VV029299.D

Acq: 23 Nov 2022 16:59

Instrument :

MSVOA_V

ClientSampleId :

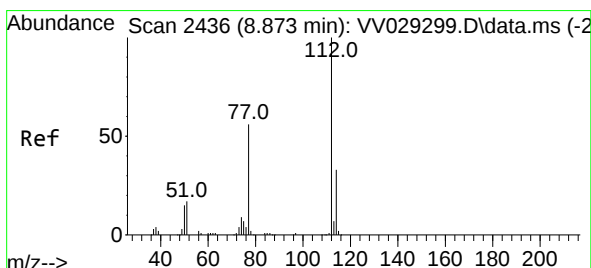
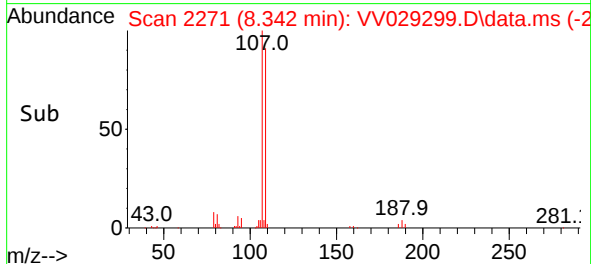
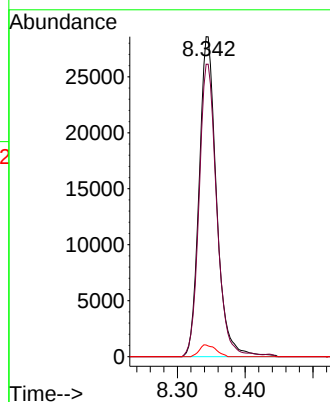
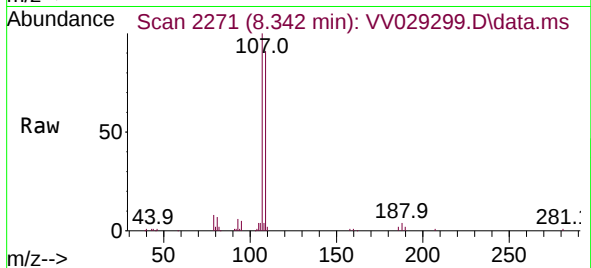
Tgt Ion:107 Resp: 50818

Ion Ratio Lower Upper

107 100

109 91.4 64.0 118.8

188 3.7 3.0 4.4



#51

Chlorobenzene

Concen: 5.017 ug/L

RT: 8.873 min Scan# 2436

Delta R.T. 0.000 min

Lab File: VV029299.D

Acq: 23 Nov 2022 16:59

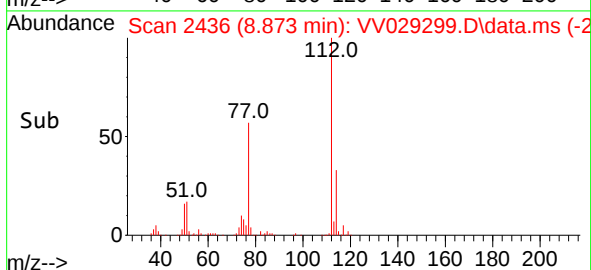
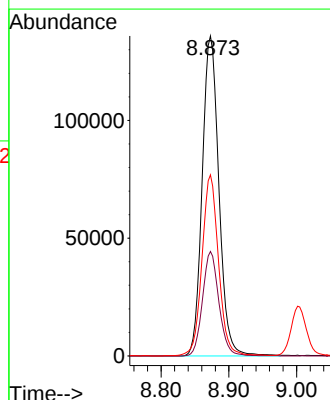
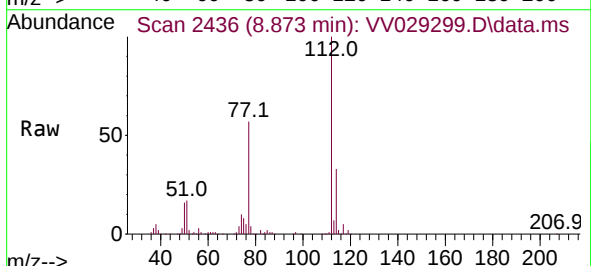
Tgt Ion:112 Resp: 232765

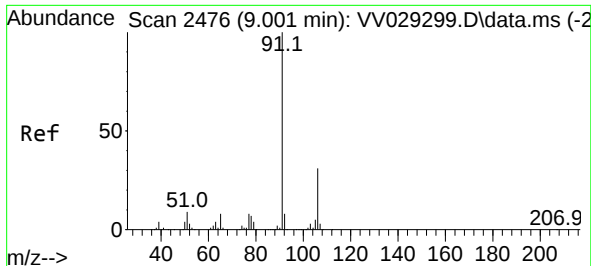
Ion Ratio Lower Upper

112 100

114 32.7 22.9 42.5

77 56.6 45.3 67.9





#52

Ethylbenzene

Concen: 5.112 ug/L

RT: 9.001 min Scan# 2476

Delta R.T. 0.000 min

Lab File: VV029299.D

Acq: 23 Nov 2022 16:59

Instrument :

MSVOA_V

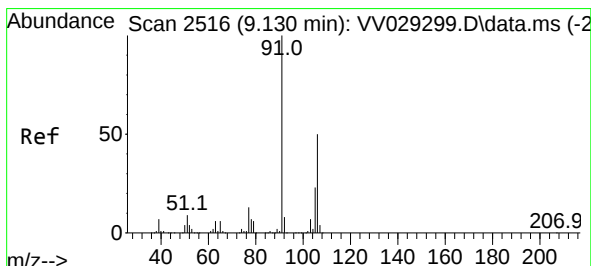
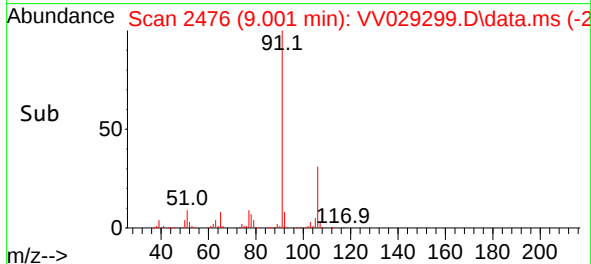
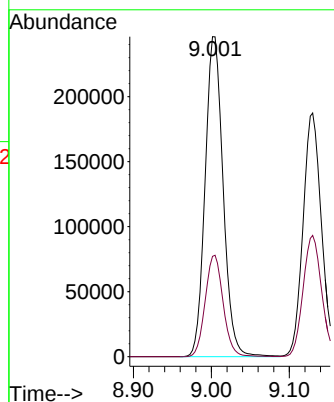
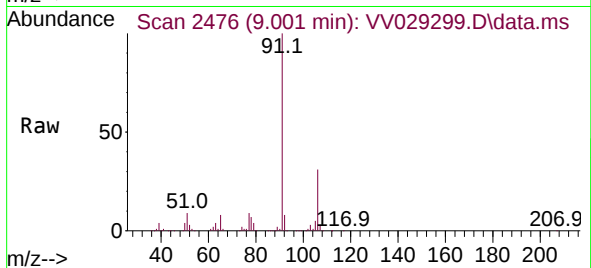
ClientSampleId :

Tgt Ion: 91 Resp: 395615

Ion Ratio Lower Upper

91 100

106 31.3 21.9 40.7



#53

m,p-Xylene

Concen: 5.071 ug/L

RT: 9.130 min Scan# 2516

Delta R.T. 0.000 min

Lab File: VV029299.D

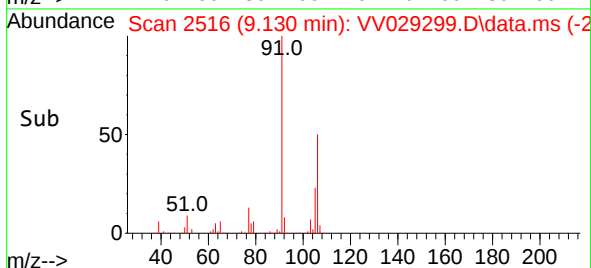
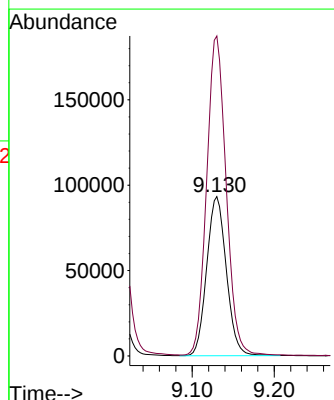
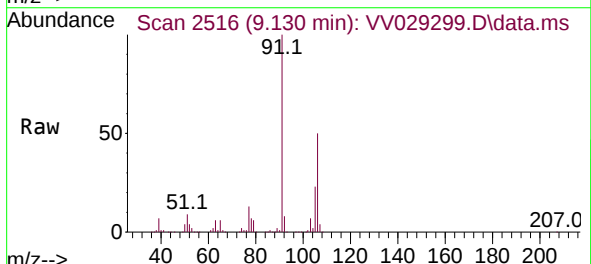
Acq: 23 Nov 2022 16:59

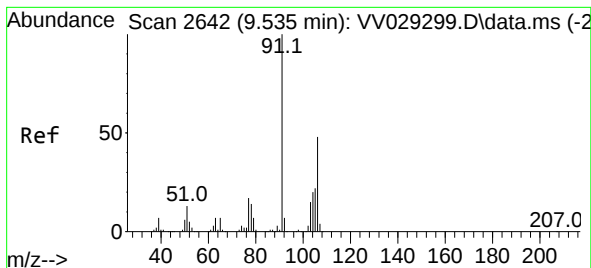
Tgt Ion: 106 Resp: 154815

Ion Ratio Lower Upper

106 100

91 200.9 140.6 261.2





#54

o-Xylene

Concen: 5.043 ug/L

RT: 9.535 min Scan# 2642

Delta R.T. 0.000 min

Lab File: VV029299.D

Acq: 23 Nov 2022 16:59

Instrument :

MSVOA_V

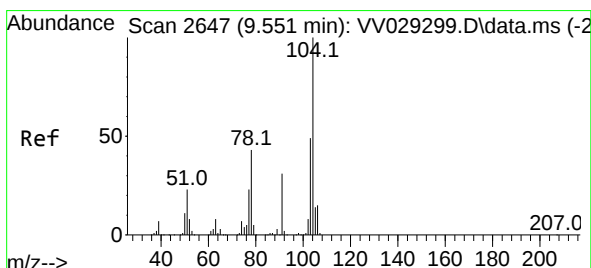
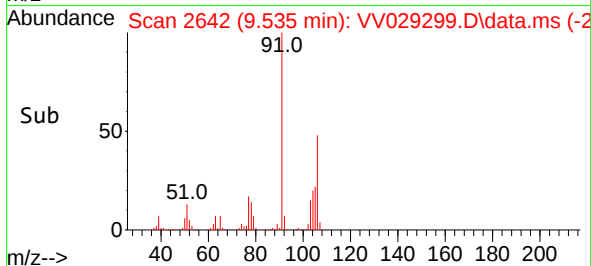
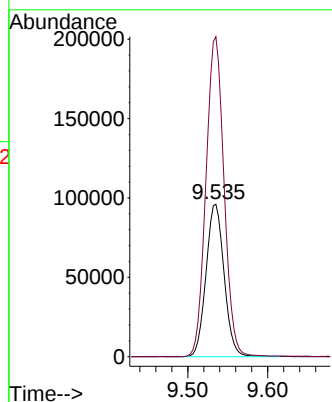
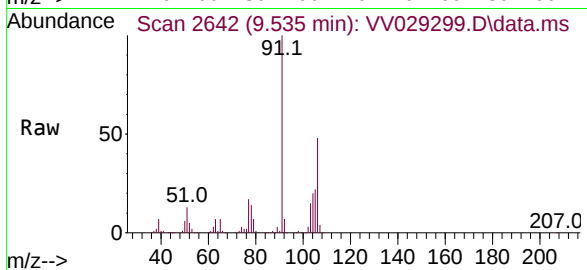
ClientSampleId :

Tgt Ion:106 Resp: 151213

Ion Ratio Lower Upper

106 100

91 209.9 146.9 272.9



#55

Styrene

Concen: 5.135 ug/L

RT: 9.551 min Scan# 2647

Delta R.T. 0.000 min

Lab File: VV029299.D

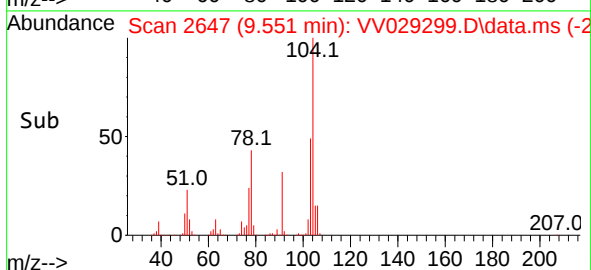
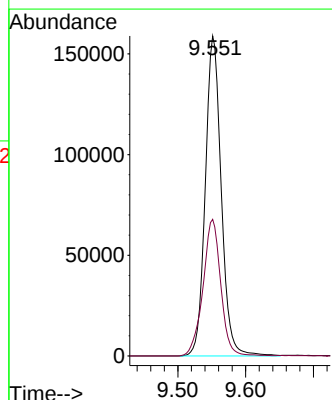
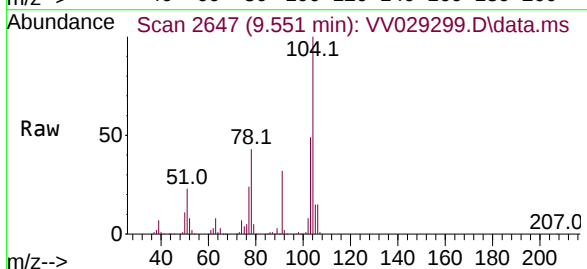
Acq: 23 Nov 2022 16:59

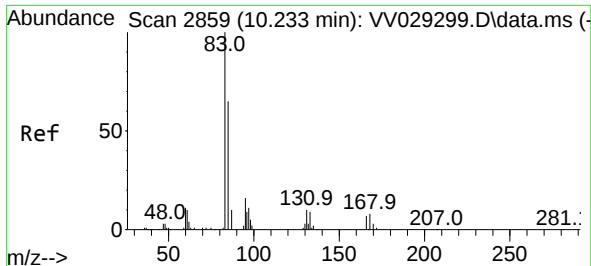
Tgt Ion:104 Resp: 259924

Ion Ratio Lower Upper

104 100

78 42.7 29.9 55.5

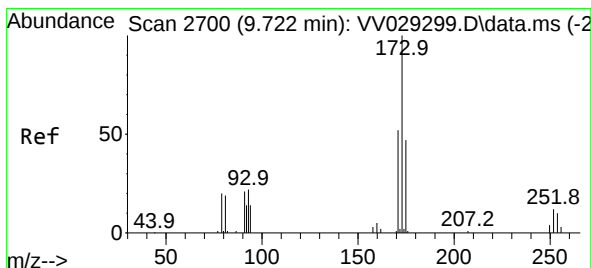
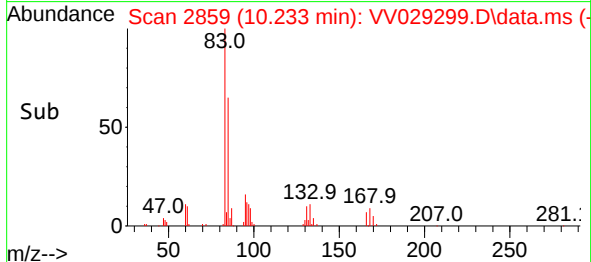
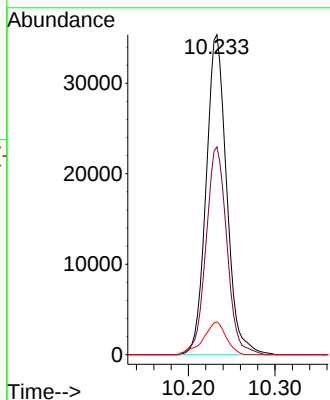
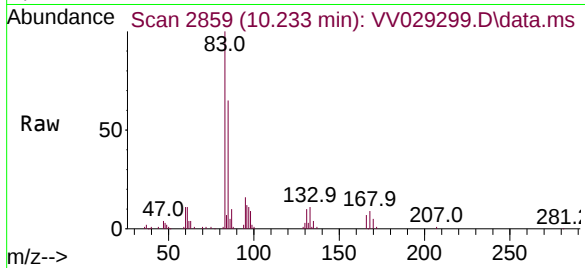




#57
 1,1,2,2-Tetrachloroethane
 Concen: 5.088 ug/L
 RT: 10.233 min Scan# 2859
 Delta R.T. 0.000 min
 Lab File: VV029299.D
 Acq: 23 Nov 2022 16:59

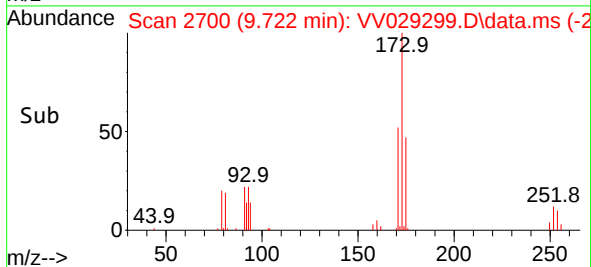
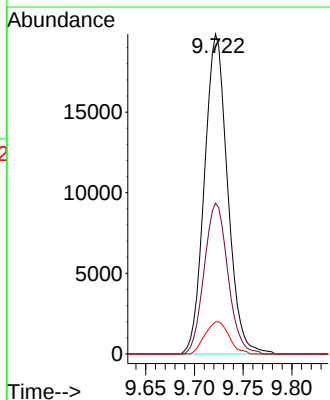
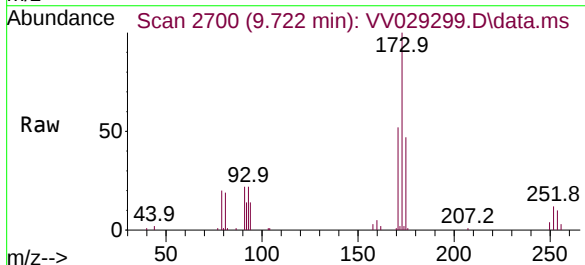
Instrument :
 MSVOA_V
 ClientSampleId :

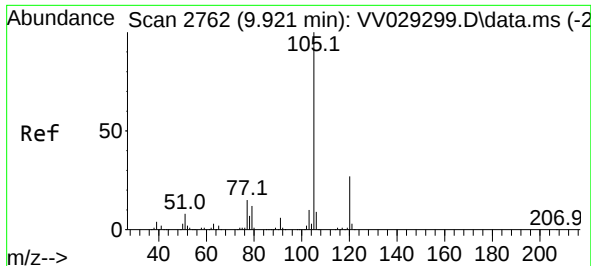
Tgt Ion: 83 Resp: 58075
 Ion Ratio Lower Upper
 83 100
 85 65.0 45.5 84.5
 131 10.2 8.2 12.2



#59
 Bromoform
 Concen: 4.976 ug/L
 RT: 9.722 min Scan# 2700
 Delta R.T. 0.000 min
 Lab File: VV029299.D
 Acq: 23 Nov 2022 16:59

Tgt Ion: 173 Resp: 32773
 Ion Ratio Lower Upper
 173 100
 175 48.3 38.6 58.0
 254 10.4 8.3 12.5

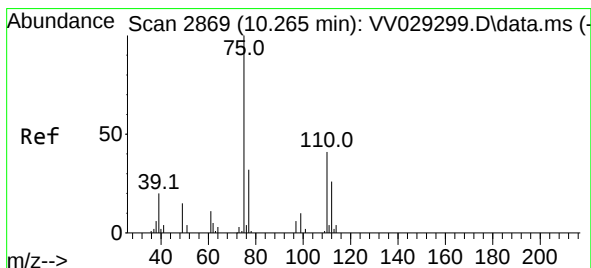
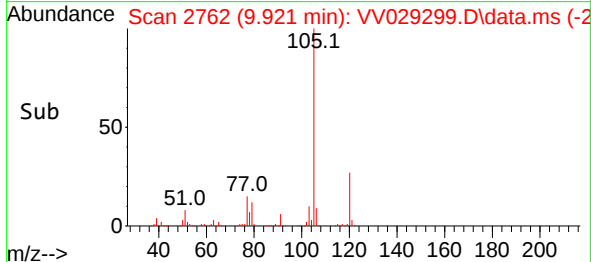
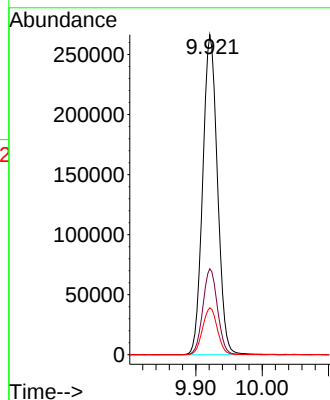
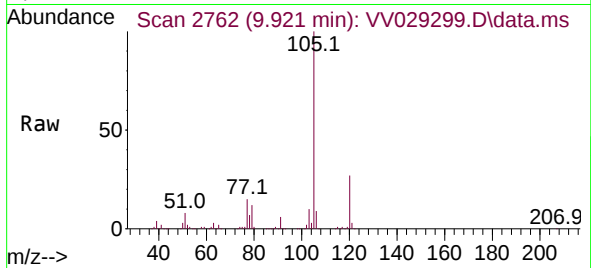




#60
Isopropylbenzene
Concen: 5.066 ug/L
RT: 9.921 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV029299.D
Acq: 23 Nov 2022 16:59

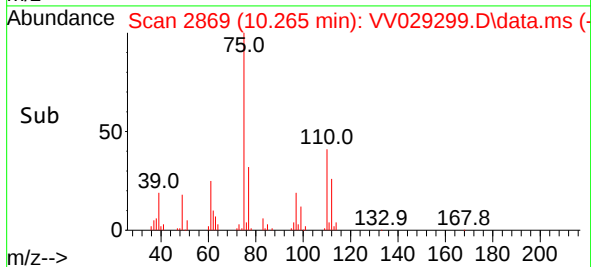
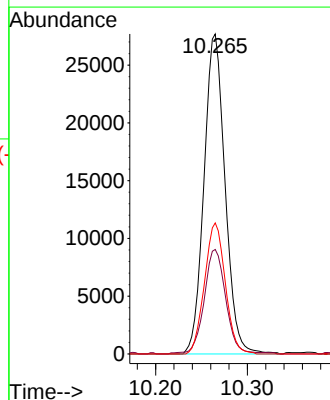
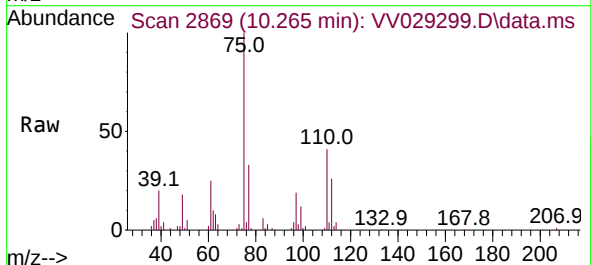
Instrument :
MSVOA_V
ClientSampleId :

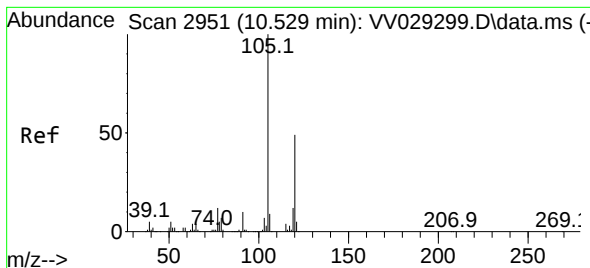
Tgt Ion:105 Resp: 410599
Ion Ratio Lower Upper
105 100
120 26.8 21.4 32.2
77 14.8 11.8 17.8



#61
1,2,3-Trichloropropane
Concen: 5.082 ug/L
RT: 10.265 min Scan# 2869
Delta R.T. 0.000 min
Lab File: VV029299.D
Acq: 23 Nov 2022 16:59

Tgt Ion: 75 Resp: 44190
Ion Ratio Lower Upper
75 100
77 33.4 26.7 40.1
110 40.3 32.2 48.4





#62

1,3,5-Trimethylbenzene

Concen: 5.081 ug/L

RT: 10.529 min Scan# 2951

Delta R.T. 0.000 min

Lab File: VV029299.D

Acq: 23 Nov 2022 16:59

Instrument :

MSVOA_V

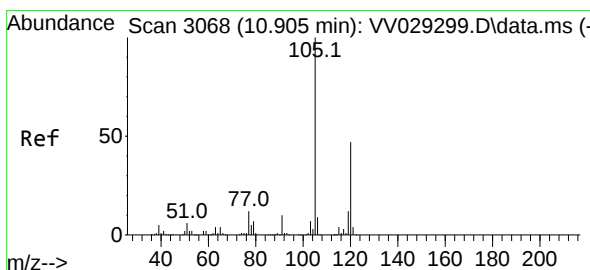
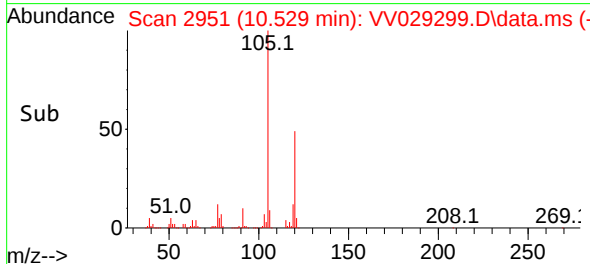
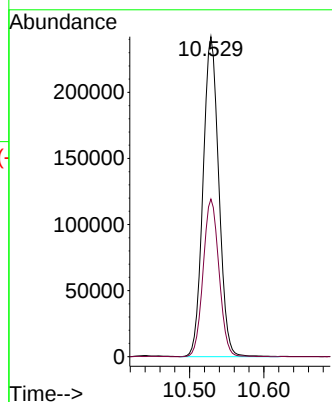
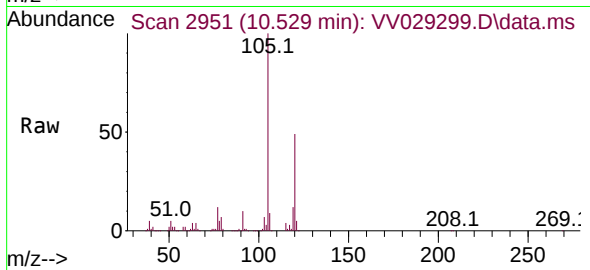
ClientSampleId :

Tgt Ion:105 Resp: 356565

Ion Ratio Lower Upper

105 100

120 49.5 39.6 59.4



#63

1,2,4-Trimethylbenzene

Concen: 5.035 ug/L

RT: 10.905 min Scan# 3068

Delta R.T. 0.000 min

Lab File: VV029299.D

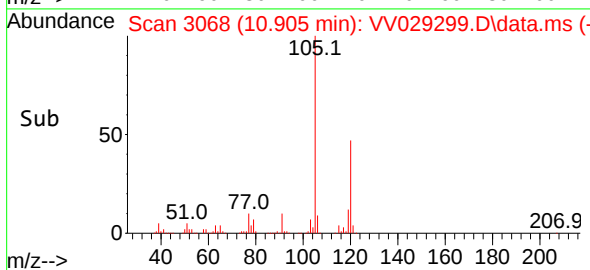
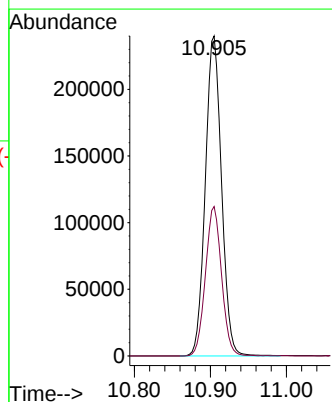
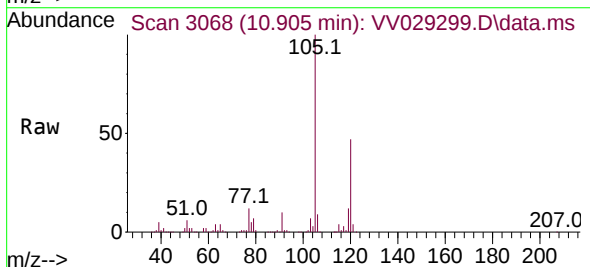
Acq: 23 Nov 2022 16:59

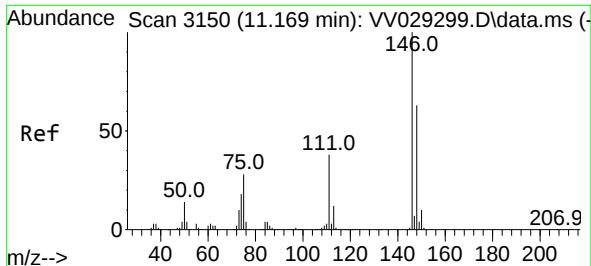
Tgt Ion:105 Resp: 355420

Ion Ratio Lower Upper

105 100

120 46.5 37.2 55.8

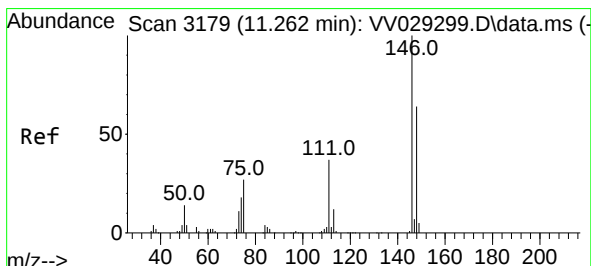
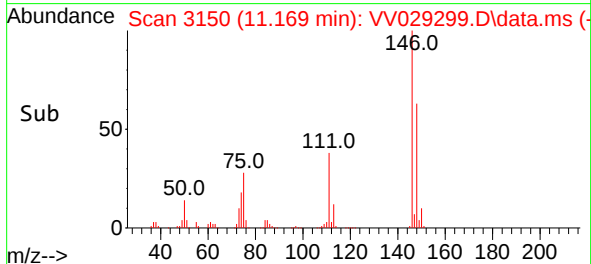
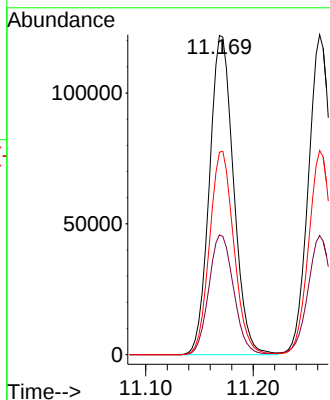
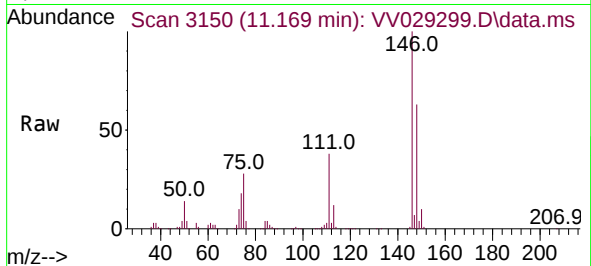




#64
1,3-Dichlorobenzene
Concen: 5.047 ug/L
RT: 11.169 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VV029299.D
Acq: 23 Nov 2022 16:59

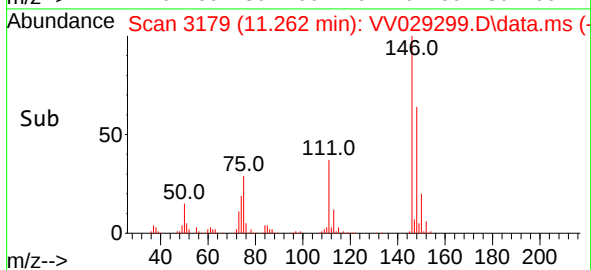
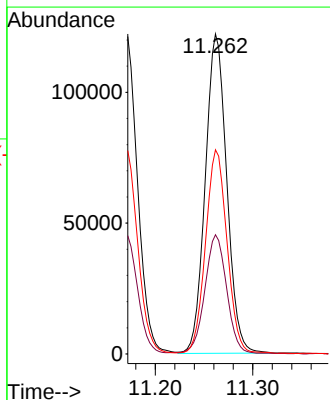
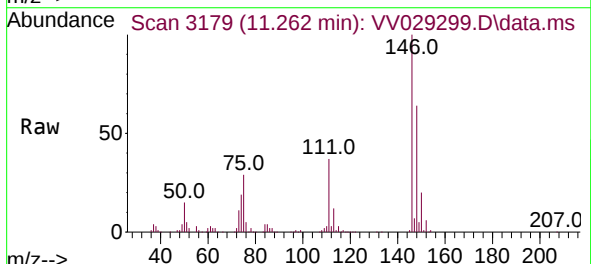
Instrument :
MSVOA_V
ClientSampleId :

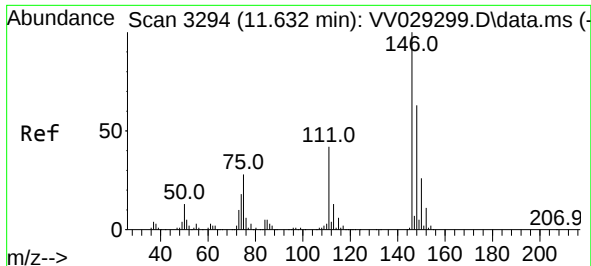
Tgt Ion:146 Resp: 190850
Ion Ratio Lower Upper
146 100
111 37.6 26.3 48.9
148 63.4 44.4 82.4



#65
1,4-Dichlorobenzene
Concen: 5.000 ug/L
RT: 11.262 min Scan# 3179
Delta R.T. 0.000 min
Lab File: VV029299.D
Acq: 23 Nov 2022 16:59

Tgt Ion:146 Resp: 187036
Ion Ratio Lower Upper
146 100
111 37.2 26.0 48.4
148 63.8 44.7 82.9

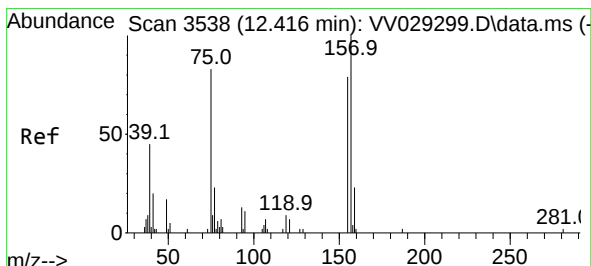
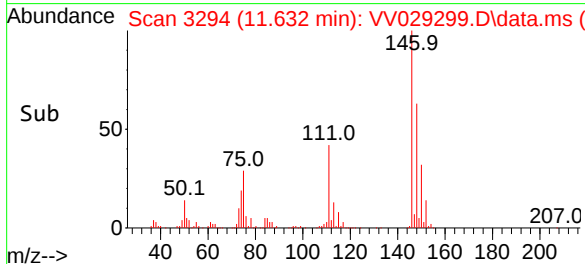
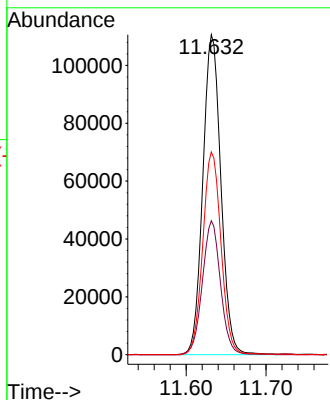
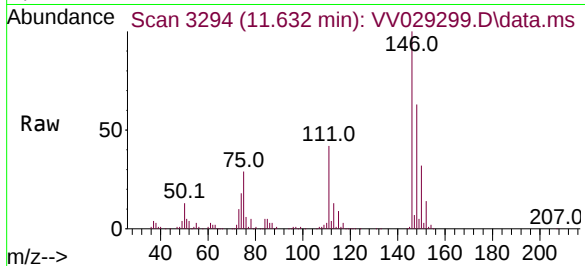




#67
1,2-Dichlorobenzene
Concen: 5.006 ug/L
RT: 11.632 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV029299.D
Acq: 23 Nov 2022 16:59

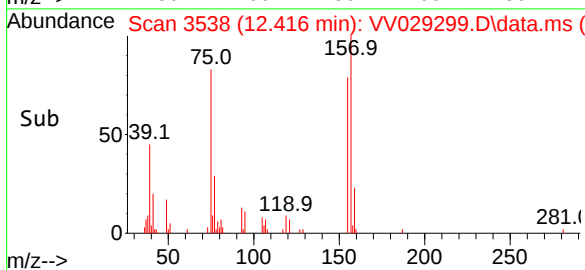
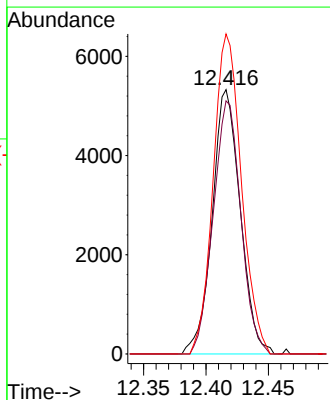
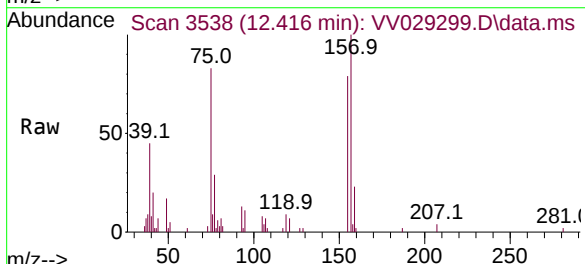
Instrument :
MSVOA_V
ClientSampleId :

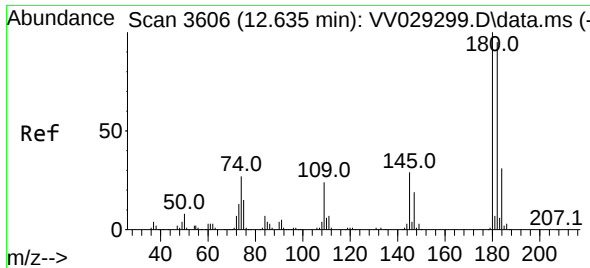
Tgt Ion:146 Resp: 174404
Ion Ratio Lower Upper
146 100
111 41.9 33.5 50.3
148 63.4 50.7 76.1



#68
1,2-Dibromo-3-chloropropane
Concen: 4.880 ug/L
RT: 12.416 min Scan# 3538
Delta R.T. 0.000 min
Lab File: VV029299.D
Acq: 23 Nov 2022 16:59

Tgt Ion: 75 Resp: 8332
Ion Ratio Lower Upper
75 100
155 95.8 76.6 115.0
157 121.1 96.9 145.3

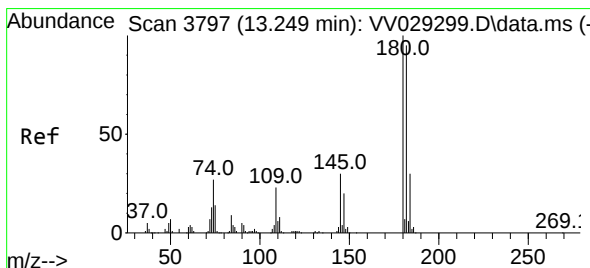
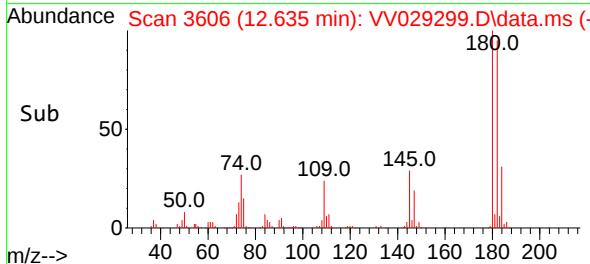
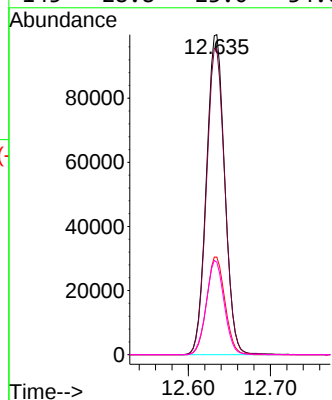
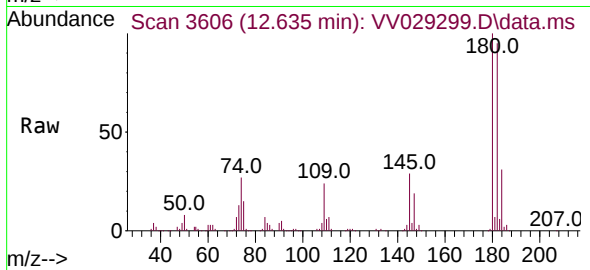




#69
 1,3,5-Trichlorobenzene
 Concen: 4.960 ug/L
 RT: 12.635 min Scan# 3606
 Delta R.T. 0.000 min
 Lab File: VV029299.D
 Acq: 23 Nov 2022 16:59

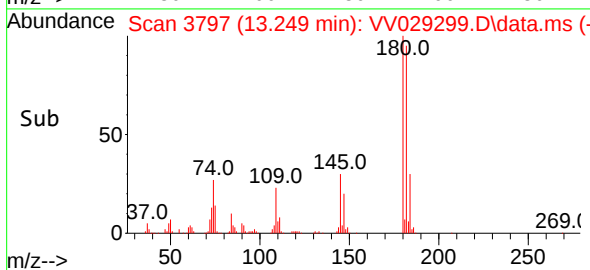
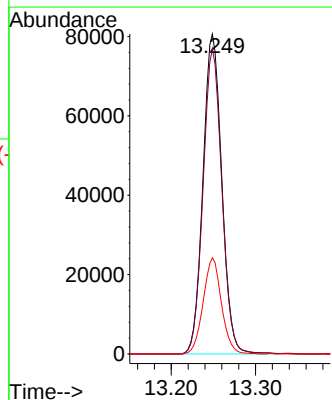
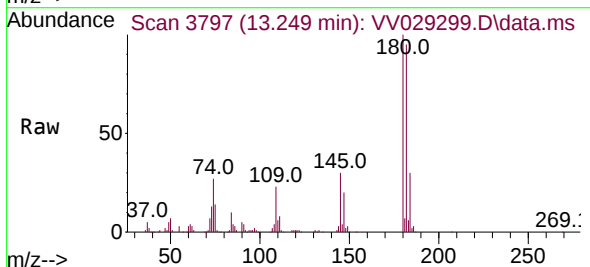
Instrument :
 MSVOA_V
 ClientSampleId :

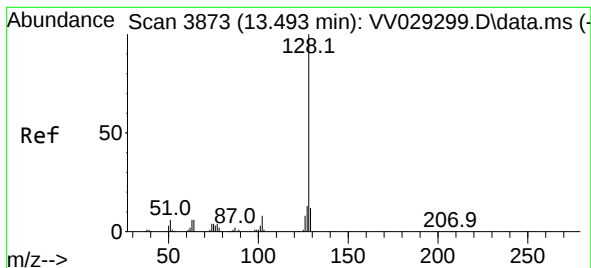
Tgt Ion:180 Resp: 154532
 Ion Ratio Lower Upper
 180 100
 182 96.3 77.0 115.6
 184 30.5 24.4 36.6
 145 28.8 23.0 34.6



#70
 1,2,4-trichlorobenzene
 Concen: 4.969 ug/L
 RT: 13.249 min Scan# 3797
 Delta R.T. 0.000 min
 Lab File: VV029299.D
 Acq: 23 Nov 2022 16:59

Tgt Ion:180 Resp: 125428
 Ion Ratio Lower Upper
 180 100
 182 95.3 76.2 114.4
 145 29.2 23.4 35.0





#71

Naphthalene

Concen: 4.478 ug/L

RT: 13.493 min Scan# 3873

Delta R.T. 0.000 min

Lab File: VV029299.D

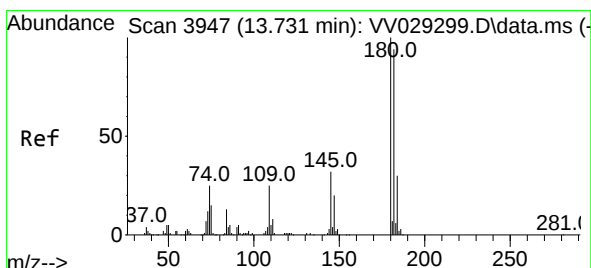
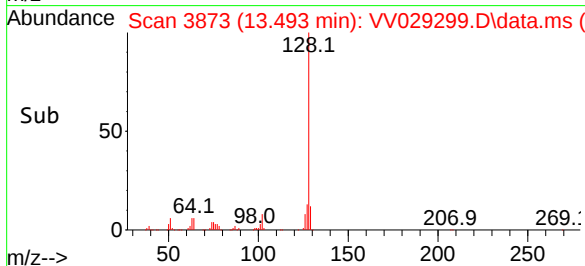
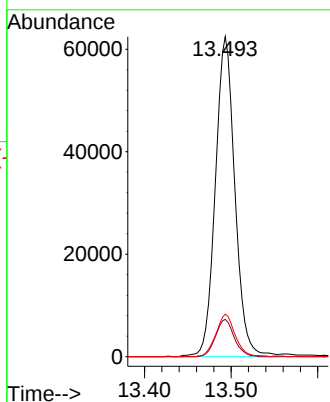
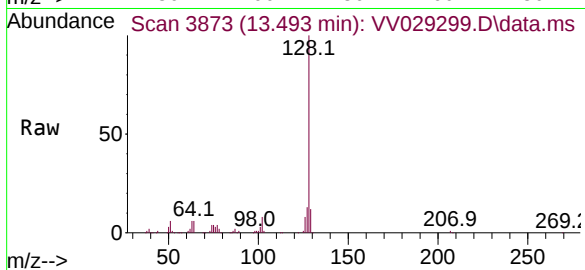
Acq: 23 Nov 2022 16:59

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	128	Resp:	97867
Ion Ratio	Lower	Upper	
128	100		
129	11.1	8.9	13.3
127	13.2	10.6	15.8



#72

1,2,3-Trichlorobenzene

Concen: 5.025 ug/L

RT: 13.731 min Scan# 3947

Delta R.T. 0.000 min

Lab File: VV029299.D

Acq: 23 Nov 2022 16:59

Tgt Ion:	180	Resp:	103271
Ion Ratio	Lower	Upper	
180	100		
182	93.7	75.0	112.4
145	31.5	25.2	37.8

