

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW112322\
 Data File : VW029297.D
 Acq On : 23 Nov 2022 16:10
 Operator : SY/MD
 Sample : VSTD0.510
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 24 01:08:12 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	306269	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	254078	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	134637	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	8307	0.441	ug/L	0.00
7) Chloroethane-d5	1.564	69	5930	0.430	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.105	63	13473	0.447	ug/L	0.00
20) 2-Butanone-d5	4.092	46	261	0.083	ug/L	0.19
24) Chloroform-d	4.346	84	14515	0.431	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.040	65	6078	0.411	ug/L	0.02
32) Benzene-d6	5.050	84	31236	0.445	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.066	67	8988	0.456	ug/L	0.00
41) Toluene-d8	7.310	98	28939	0.437	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.622	79	3224	0.424	ug/L	0.00
46) 2-Hexanone-d5	8.095	63	11697	4.313	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.207	84	5215	0.428	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.615	152	10605	0.451	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	12273	0.537	ug/L	98
3) Chloromethane	1.240	50	12517	0.598	ug/L	93
5) Vinyl chloride	1.307	62	10997	0.527	ug/L	99
6) Bromomethane	1.519	94	6797	0.522	ug/L	95
8) Chloroethane	1.580	64	6879	0.555	ug/L	95
9) Trichlorofluoromethane	1.751	101	15194	0.520	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	8758	0.538	ug/L	98
12) 1,1-Dichloroethene	2.114	96	8056	0.512	ug/L	93
13) Acetone	2.204	43	5995	2.616	ug/L	59
14) Carbon disulfide	2.288	76	24466	0.535	ug/L	99
15) Methyl Acetate	2.442	43	4014	0.603	ug/L #	79
16) Methylene chloride	2.500	84	20162	0.838	ug/L	97
17) Methyl tert-butyl Ether	2.767	73	21942	0.545	ug/L	99
18) trans-1,2-Dichloroethene	2.754	96	9441	0.522	ug/L	98
19) 1,1-Dichloroethane	3.182	63	17147	0.527	ug/L	95
21) 2-Butanone	4.024	43	10114	2.812	ug/L	85
22) cis-1,2-Dichloroethene	3.908	96	11485	0.556	ug/L	87
23) Bromochloromethane	4.246	128	4276	0.516	ug/L	98
25) Chloroform	4.371	83	18137	0.534	ug/L	99
27) 1,2-Dichloroethane	5.130	62	10169	0.553	ug/L	97
29) 1,1,1-Trichloroethane	4.603	97	15836	0.542	ug/L	98
30) Cyclohexane	4.667	56	15443	0.535	ug/L	97
31) Carbon tetrachloride	4.821	117	12906	0.522	ug/L	97
33) Benzene	5.095	78	43310	0.570	ug/L	100
34) Trichloroethene	5.911	95	10488	0.541	ug/L	96
35) Methylcyclohexane	6.124	83	16603	0.507	ug/L	98
37) 1,2-Dichloropropane	6.169	63	9799	0.547	ug/L #	97
38) Bromodichloromethane	6.506	83	11363	0.530	ug/L	99
39) cis-1,3-Dichloropropene	7.027	75	13639	0.521	ug/L	94
40) 4-Methyl-2-pentanone	7.227	43	45343	5.413	ug/L	99
42) Toluene	7.384	91	44579	0.547	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	11203	0.540	ug/L	96

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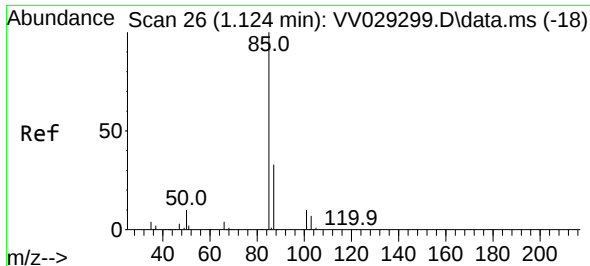
Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 24 01:08:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 24 01:07:52 2022
 Response via : Initial Calibration

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

45) 1,1,2-Trichloroethane	7.834	97	6847	0.565	ug/L	97
47) Tetrachloroethene	7.969	164	8663	0.545	ug/L	94
48) 2-Hexanone	8.140	43	30665	5.219	ug/L	96
49) Dibromochloromethane	8.239	129	7232	0.530	ug/L	93
50) 1,2-Dibromoethane	8.349	107	5693	0.538	ug/L	89
51) Chlorobenzene	8.876	112	27766	0.545	ug/L	98
52) Ethylbenzene	9.005	91	45270	0.532	ug/L	100
53) m,p-Xylene	9.133	106	17511	0.522	ug/L	100
54) o-Xylene	9.535	106	17555	0.533	ug/L	95
55) Styrene	9.554	104	28801	0.518	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.233	83	6977	0.556	ug/L	98
59) Bromoform	9.722	173	3642	0.515	ug/L	99
60) Isopropylbenzene	9.921	105	46613	0.535	ug/L	98
61) 1,2,3-Trichloropropane	10.268	75	5405	0.579	ug/L	100
62) 1,3,5-Trimethylbenzene	10.529	105	39590	0.525	ug/L	99
63) 1,2,4-Trimethylbenzene	10.905	105	39999	0.528	ug/L	98
64) 1,3-Dichlorobenzene	11.172	146	21863	0.538	ug/L	96
65) 1,4-Dichlorobenzene	11.262	146	21489	0.535	ug/L	96
67) 1,2-Dichlorobenzene	11.635	146	20297	0.542	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.416	75	1026	0.559	ug/L	97
69) 1,3,5-Trichlorobenzene	12.635	180	17278	0.516	ug/L	99
70) 1,2,4-trichlorobenzene	13.249	180	14293	0.527	ug/L	99
71) Naphthalene	13.496	128	13422	0.572	ug/L	98
72) 1,2,3-Trichlorobenzene	13.731	180	11224	0.509	ug/L	96

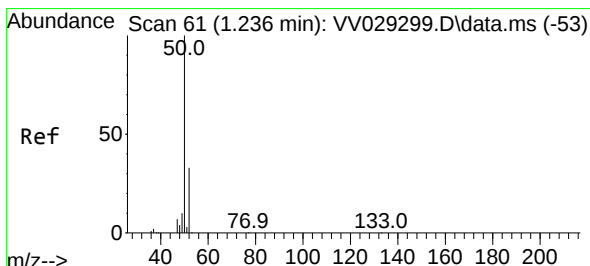
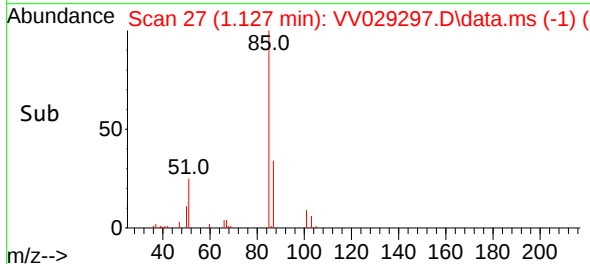
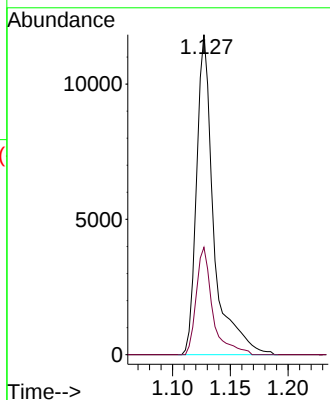
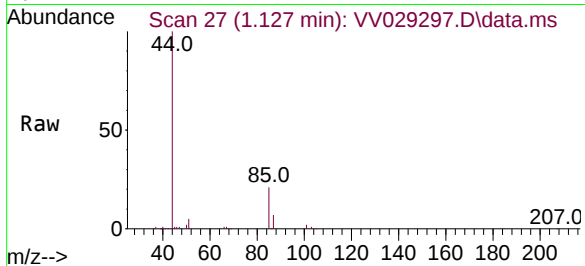
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 0.537 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV029297.D
 Acq: 23 Nov 2022 16:10

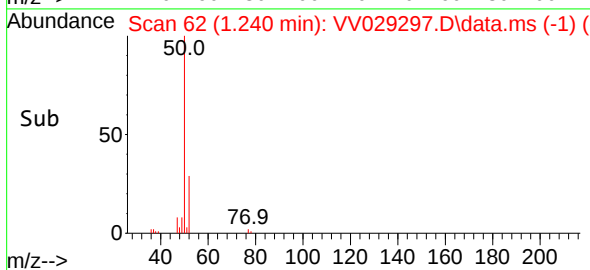
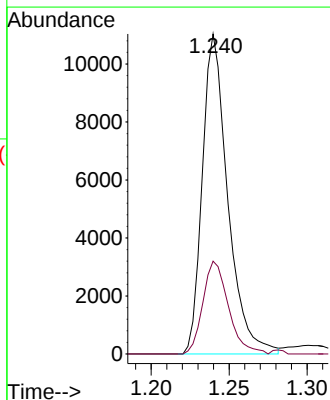
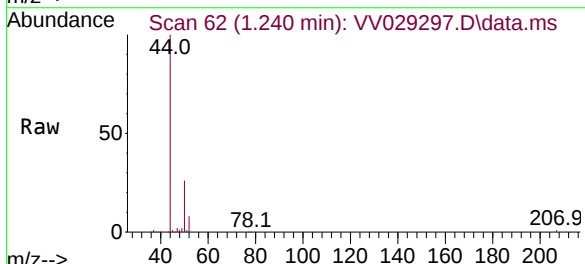
Instrument :
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 ClientSampleId :

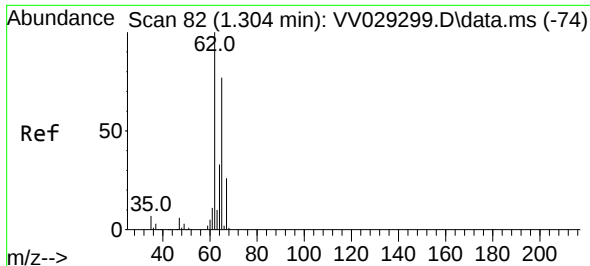
Tgt Ion: 85 Resp: 12273
 Ion Ratio Lower Upper
 85 100
 87 31.9 26.2 39.4



#3
 Chloromethane
 Concen: 0.598 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.003 min
 Lab File: VV029297.D
 Acq: 23 Nov 2022 16:10

Tgt Ion: 50 Resp: 12517
 Ion Ratio Lower Upper
 50 100
 52 29.0 23.2 43.2

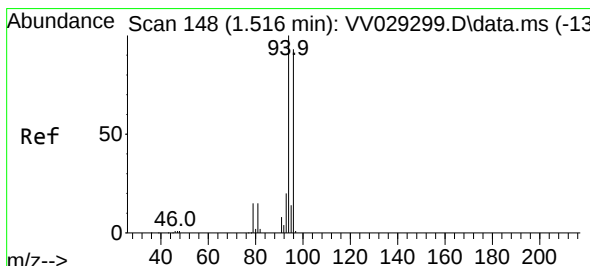
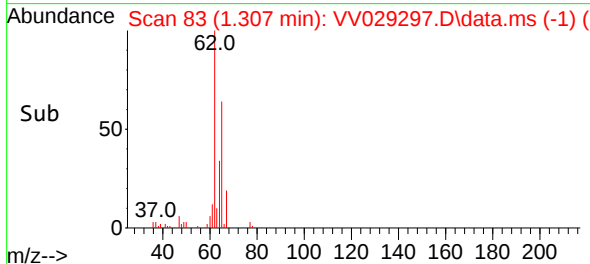
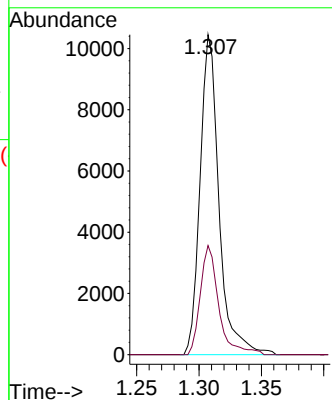
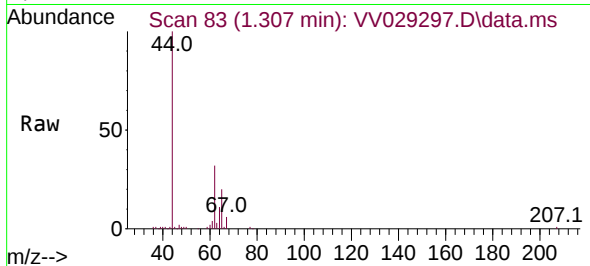




#5
 Vinyl chloride
 Concen: 0.527 ug/L
 RT: 1.307 min Scan# 81
 Delta R.T. 0.003 min
 Lab File: VV029297.D
 Acq: 23 Nov 2022 16:10

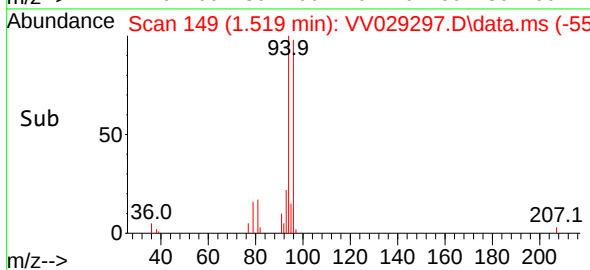
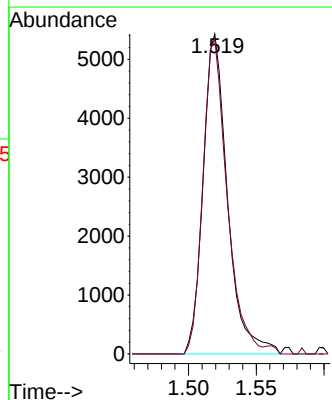
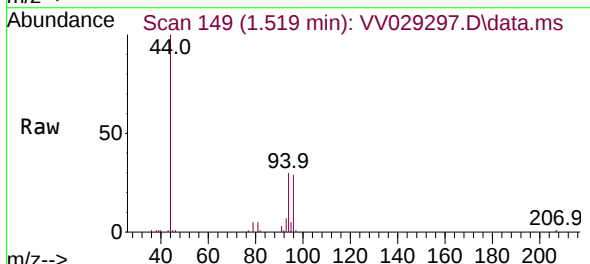
Instrument :
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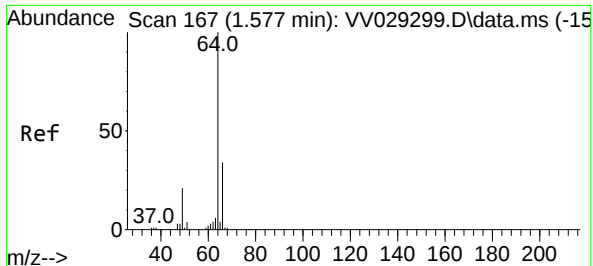
Tgt Ion: 62 Resp: 10997
 Ion Ratio Lower Upper
 62 100
 64 34.1 23.4 43.4



#6
 Bromomethane
 Concen: 0.522 ug/L
 RT: 1.519 min Scan# 149
 Delta R.T. 0.003 min
 Lab File: VV029297.D
 Acq: 23 Nov 2022 16:10

Tgt Ion: 94 Resp: 6797
 Ion Ratio Lower Upper
 94 100
 96 98.5 65.4 121.4





#8

Chloroethane

Concen: 0.555 ug/L

RT: 1.580 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV029297.D

Acq: 23 Nov 2022 16:10

Instrument :

MSVOA_V

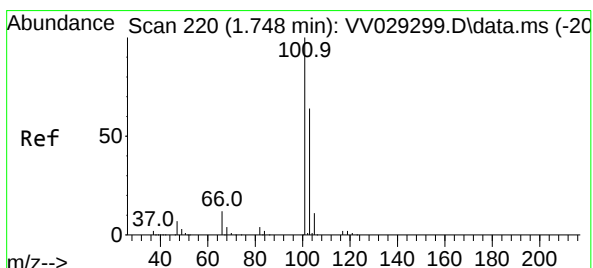
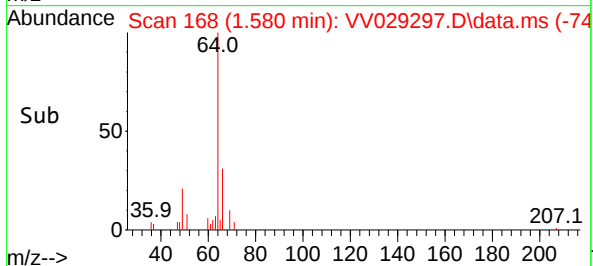
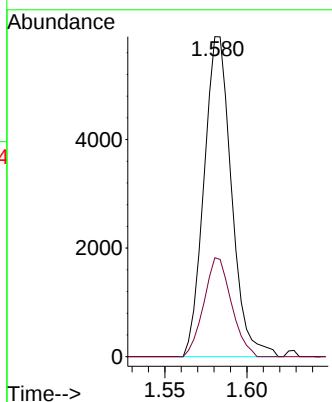
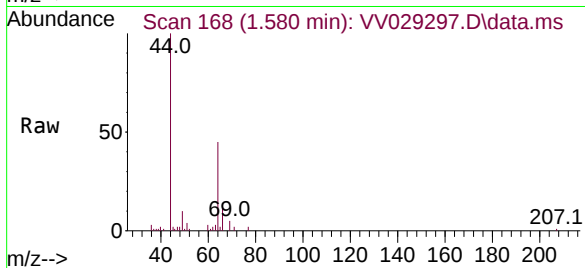
ClientSampleId :

Tgt Ion: 64 Resp: 6879

Ion Ratio Lower Upper

64 100

66 30.9 23.5 43.7



#9

Trichlorofluoromethane

Concen: 0.520 ug/L

RT: 1.751 min Scan# 221

Delta R.T. 0.003 min

Lab File: VV029297.D

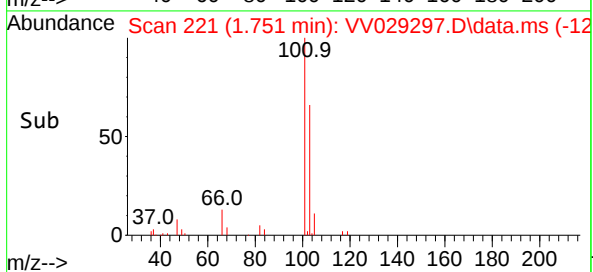
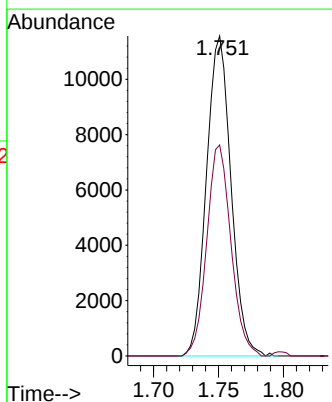
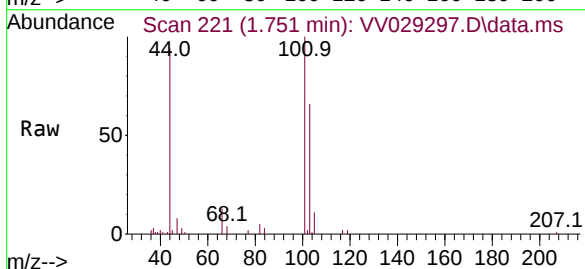
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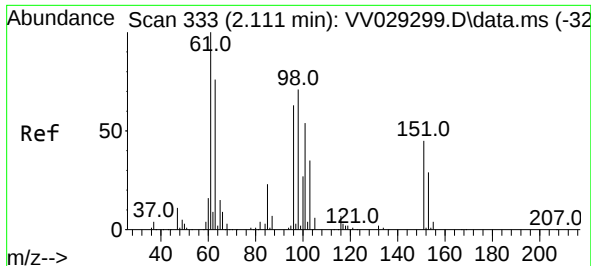
Tgt Ion:101 Resp: 15194

Ion Ratio Lower Upper

101 100

103 65.0 51.8 77.8

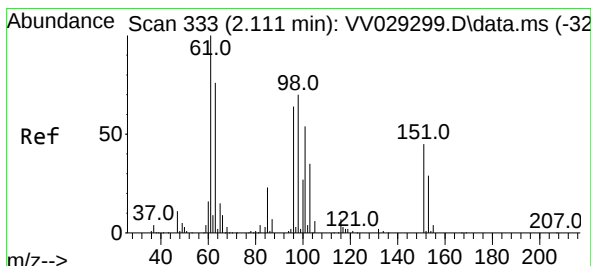
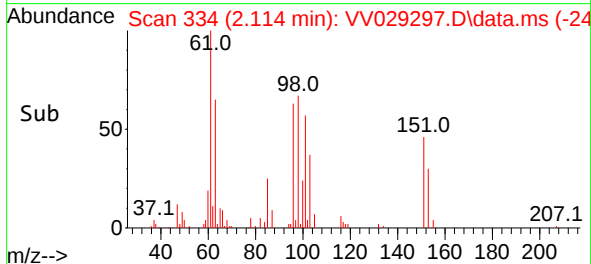
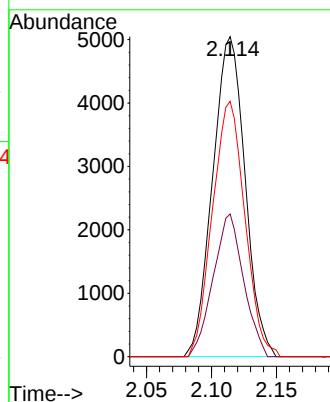
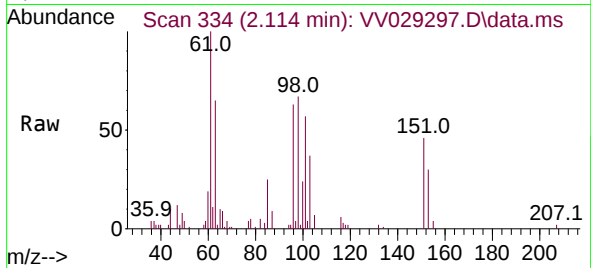




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.538 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. 0.003 min
 Lab File: VV029297.D
 Acq: 23 Nov 2022 16:10

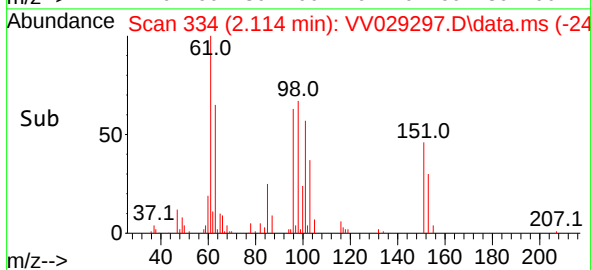
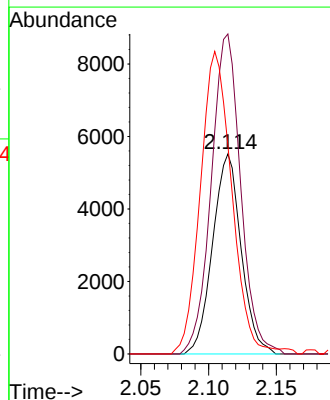
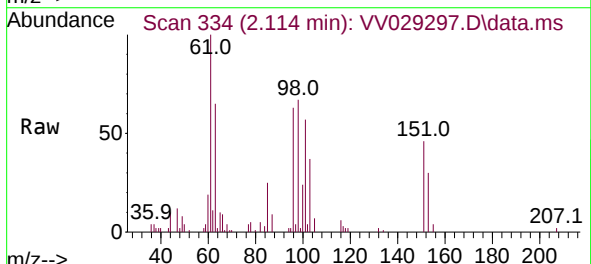
Instrument :
 MSVOA_V
 ClientSampleId :

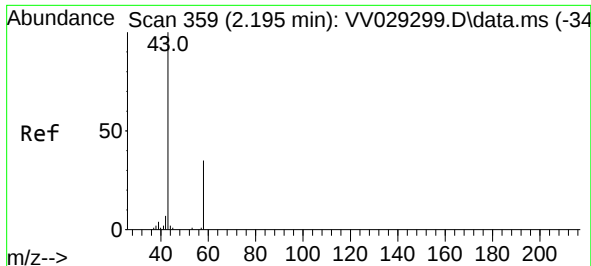
Tgt Ion:101 Resp: 8758
 Ion Ratio Lower Upper
 101 100
 85 41.8 33.6 50.4
 151 79.6 65.3 97.9



#12
 1,1-Dichloroethene
 Concen: 0.512 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. 0.003 min
 Lab File: VV029297.D
 Acq: 23 Nov 2022 16:10

Tgt Ion: 96 Resp: 8056
 Ion Ratio Lower Upper
 96 100
 61 160.0 110.3 204.9
 63 104.4 84.4 156.8





#13

Acetone

Concen: 2.616 ug/L

RT: 2.204 min Scan# 3

Delta R.T. 0.010 min

Lab File: VV029297.D

Acq: 23 Nov 2022 16:10

Instrument :

MSVOA_V

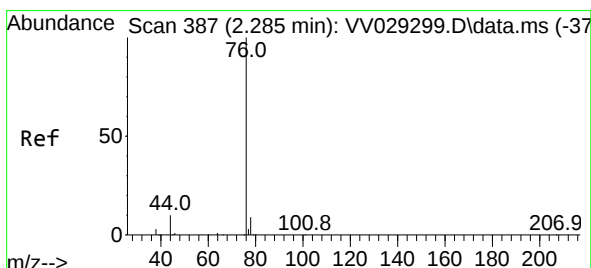
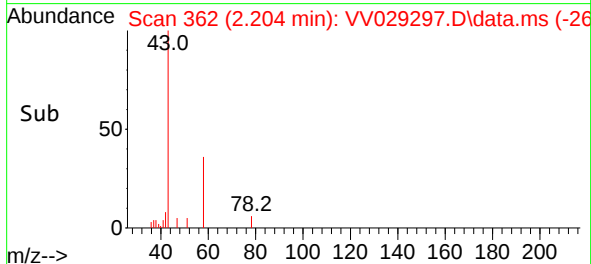
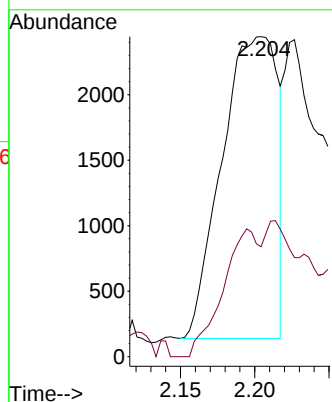
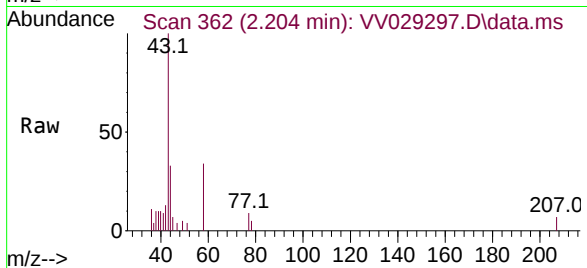
ClientSampleId :

Tgt Ion: 43 Resp: 5995

Ion Ratio Lower Upper

43 100

58 11.2 0.0 70.8



#14

Carbon disulfide

Concen: 0.535 ug/L

RT: 2.288 min Scan# 388

Delta R.T. 0.003 min

Lab File: VV029297.D

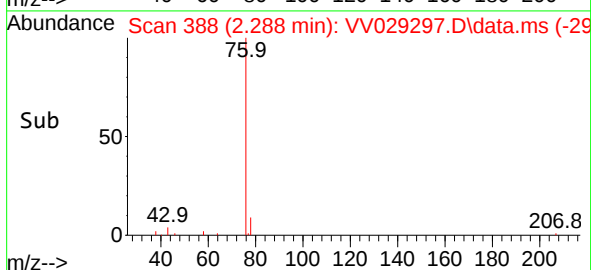
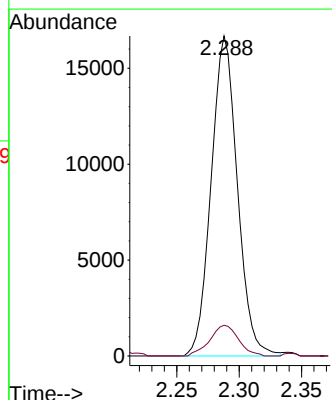
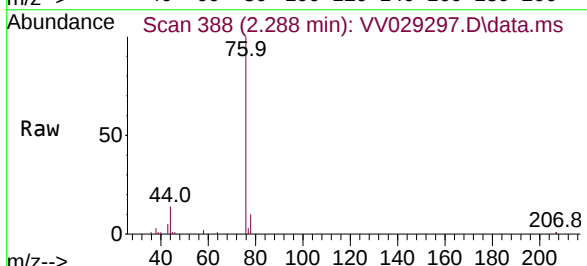
Acq: 23 Nov 2022 16:10

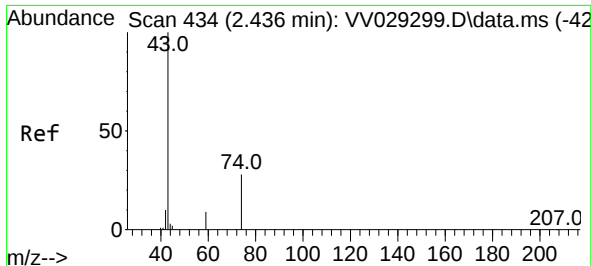
Tgt Ion: 76 Resp: 24466

Ion Ratio Lower Upper

76 100

78 9.6 7.4 11.2

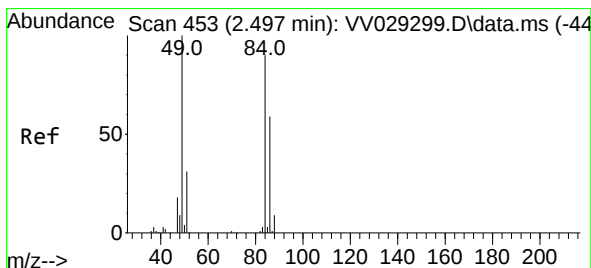
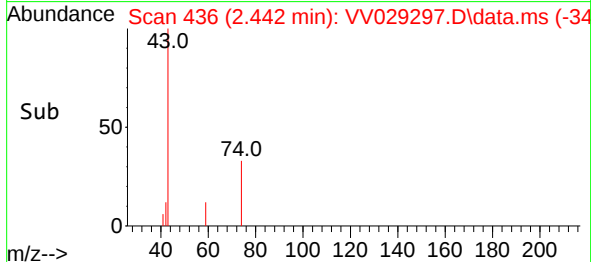
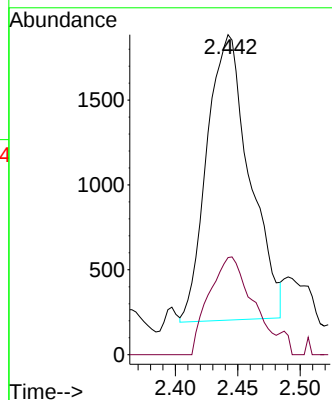
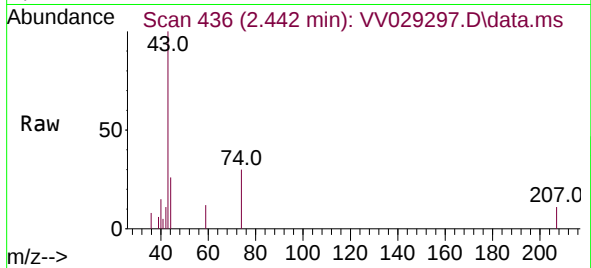




#15
Methyl Acetate
Concen: 0.603 ug/L
RT: 2.442 min Scan# 41
Delta R.T. 0.006 min
Lab File: VV029297.D
Acq: 23 Nov 2022 16:10

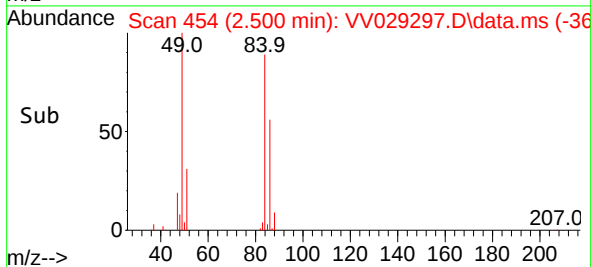
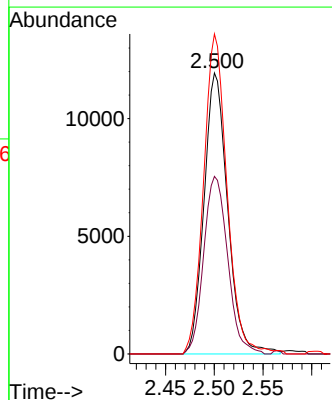
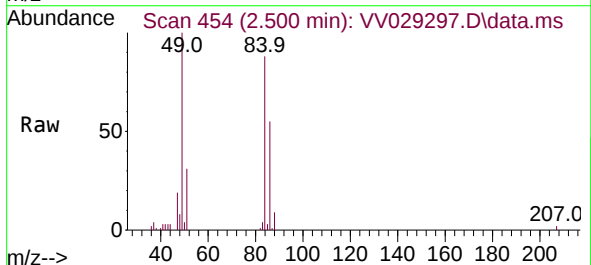
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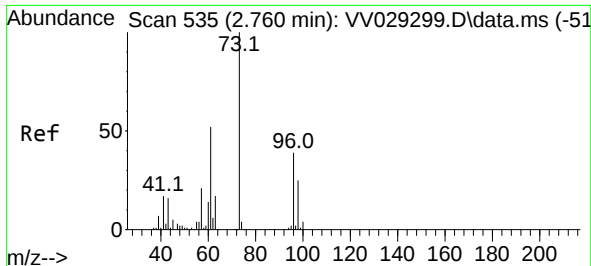
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Ion Ratio Lower Upper
43 100
74 34.8 19.6 29.4#



#16
Methylene chloride
Concen: 0.838 ug/L
RT: 2.500 min Scan# 454
Delta R.T. 0.003 min
Lab File: VV029297.D
Acq: 23 Nov 2022 16:10

Tgt Ion: 84 Resp: 20162
Ion Ratio Lower Upper
84 100
86 63.2 45.6 84.6
49 113.9 77.8 144.4





#17

Methyl tert-butyl Ether

Concen: 0.545 ug/L

RT: 2.767 min Scan# 51

Delta R.T. 0.006 min

Lab File: VV029297.D

Acq: 23 Nov 2022 16:10

Instrument :

MSVOA_V

ClientSampleId :

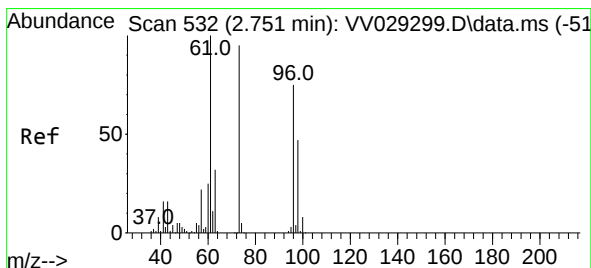
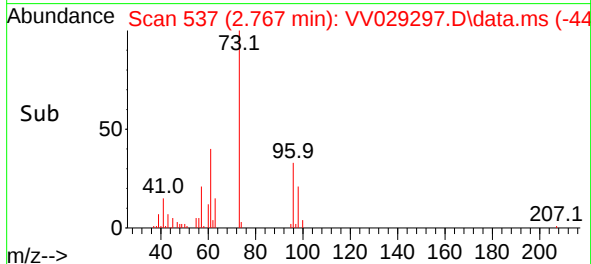
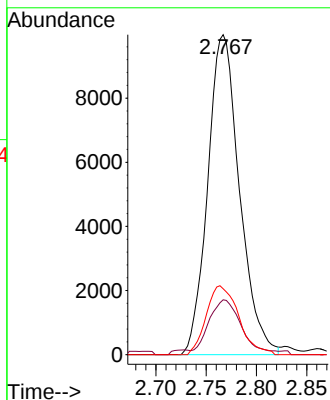
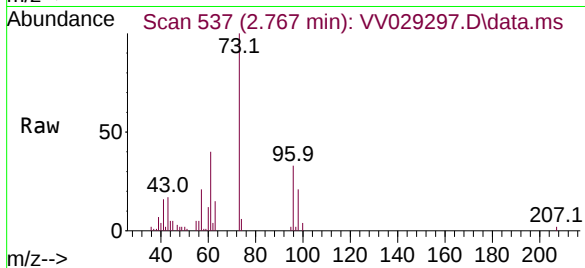
Tgt Ion: 73 Resp: 21942

Ion Ratio Lower Upper

73 100

43 16.1 13.2 19.8

57 22.0 16.9 25.3



#18

trans-1,2-Dichloroethene

Concen: 0.522 ug/L

RT: 2.754 min Scan# 533

Delta R.T. 0.003 min

Lab File: VV029297.D

Acq: 23 Nov 2022 16:10

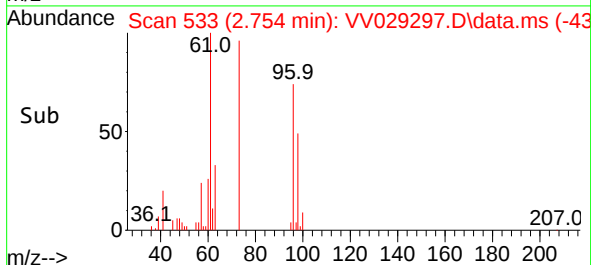
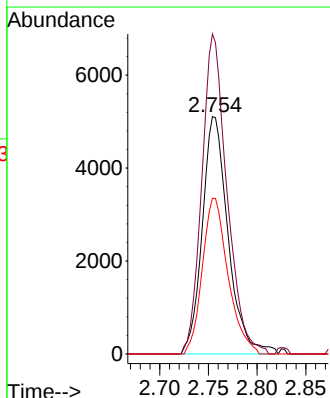
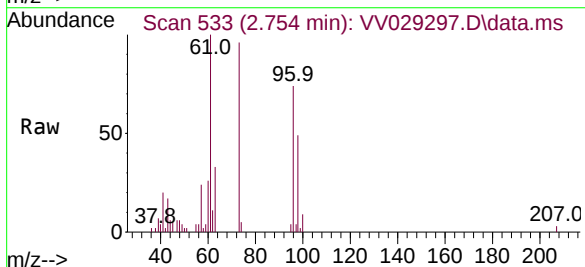
Tgt Ion: 96 Resp: 9441

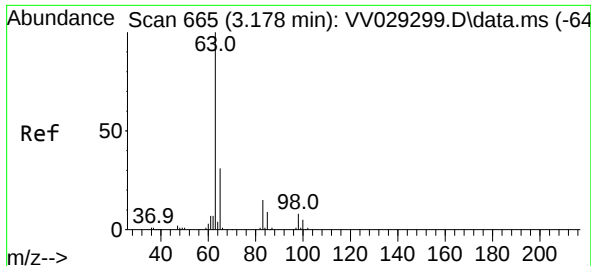
Ion Ratio Lower Upper

96 100

61 134.8 93.0 172.6

98 65.6 44.0 81.8





#19

1,1-Dichloroethane

Concen: 0.527 ug/L

RT: 3.182 min Scan# 6

Delta R.T. 0.003 min

Lab File: VV029297.D

Acq: 23 Nov 2022 16:10

Instrument :

MSVOA_V

ClientSampleId :

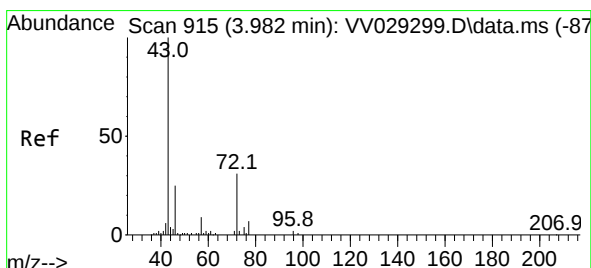
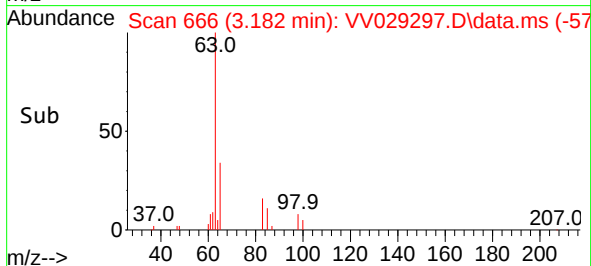
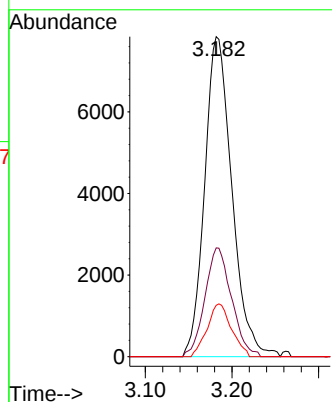
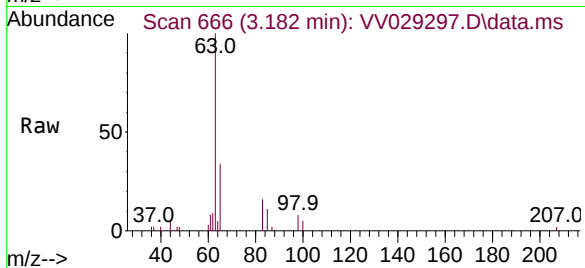
Tgt Ion: 63 Resp: 17147

Ion Ratio Lower Upper

63 100

65 34.0 21.6 40.2

83 16.1 10.3 19.1



#21

2-Butanone

Concen: 2.812 ug/L

RT: 4.024 min Scan# 928

Delta R.T. 0.042 min

Lab File: VV029297.D

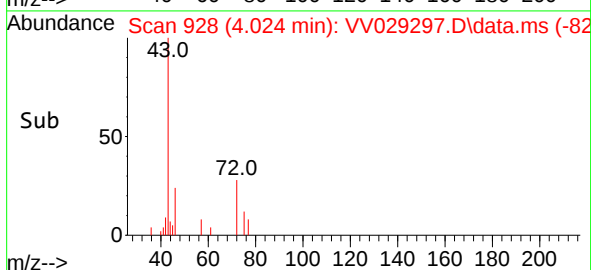
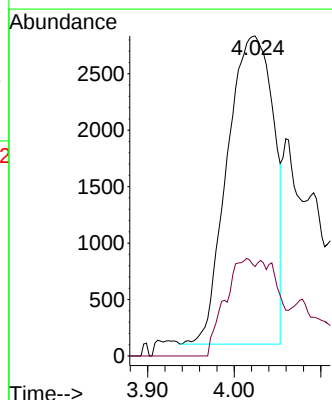
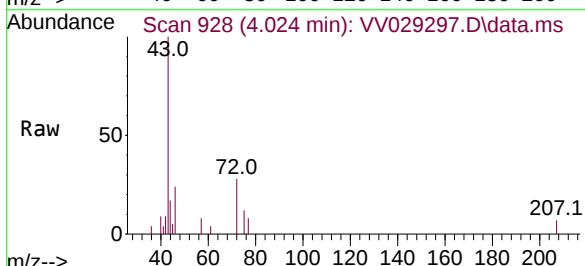
Acq: 23 Nov 2022 16:10

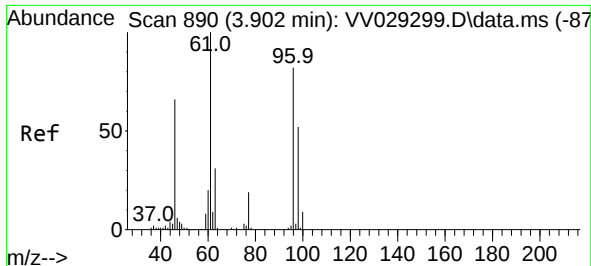
Tgt Ion: 43 Resp: 10114

Ion Ratio Lower Upper

43 100

72 19.9 13.8 41.3



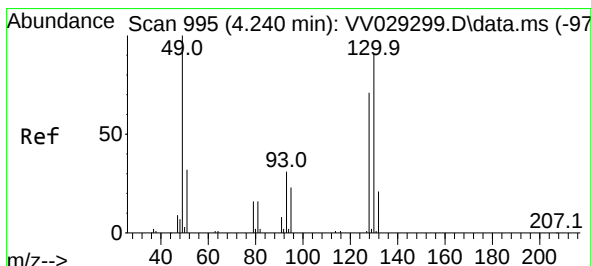
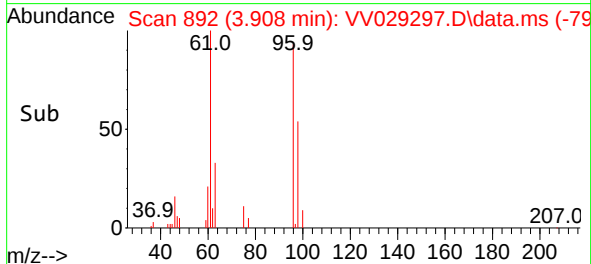
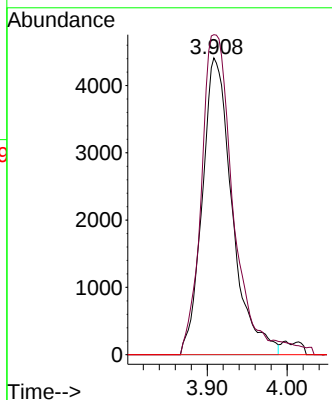
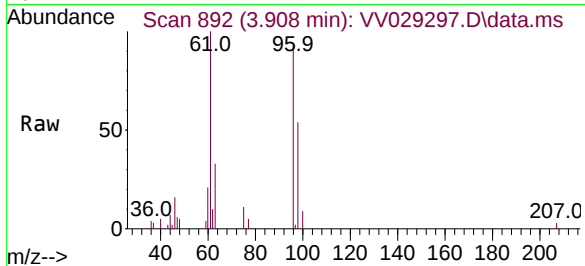


#22
 cis-1,2-Dichloroethene
 Concen: 0.556 ug/L
 RT: 3.908 min Scan# 890
 Delta R.T. 0.006 min
 Lab File: VV029297.D
 Acq: 23 Nov 2022 16:10

Instrument :
 MSVOA_V
 ClientSampleId :

Tgt Ion: 96 Resp: 11485

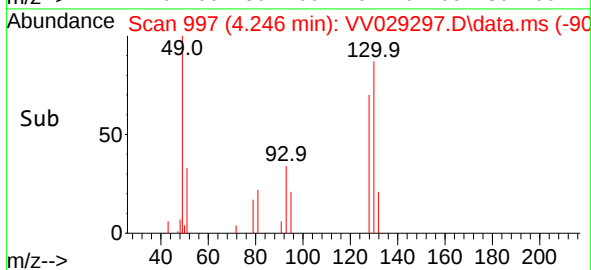
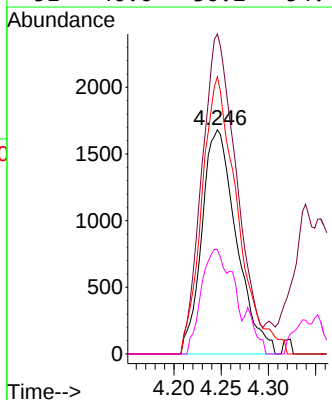
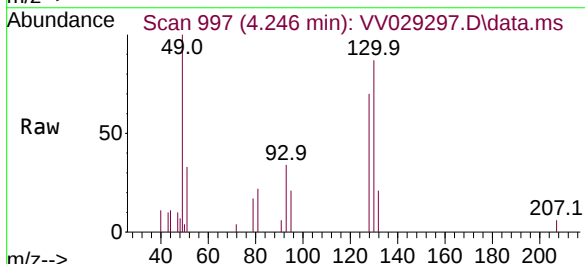
Ion	Ratio	Lower	Upper
96	100		
61	107.8	85.8	159.3
68	0.0	0.0	0.0

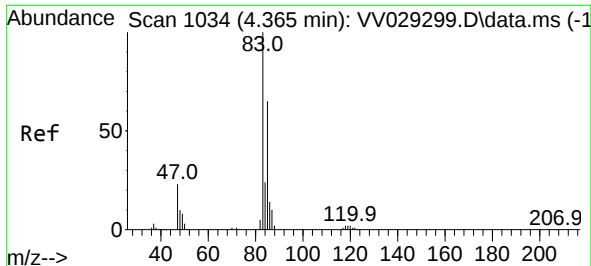


#23
 Bromochloromethane
 Concen: 0.516 ug/L
 RT: 4.246 min Scan# 997
 Delta R.T. 0.006 min
 Lab File: VV029297.D
 Acq: 23 Nov 2022 16:10

Tgt Ion: 128 Resp: 4276

Ion	Ratio	Lower	Upper
128	100		
49	142.8	100.0	185.8
130	123.6	90.2	167.6
51	46.6	36.2	54.4

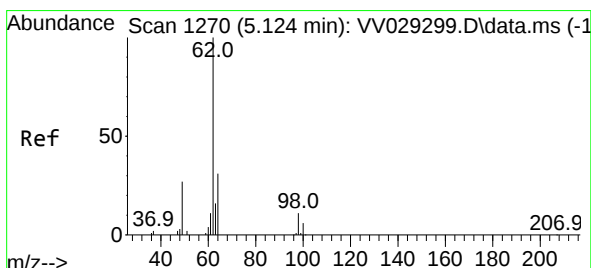
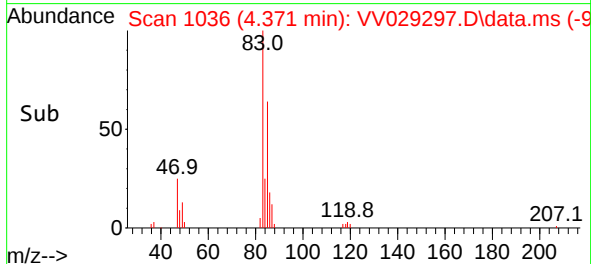
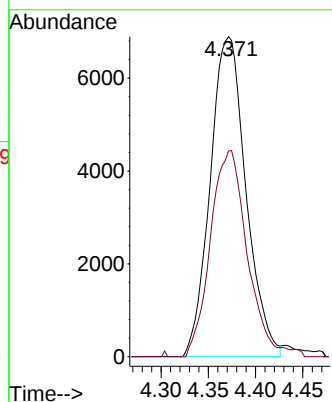
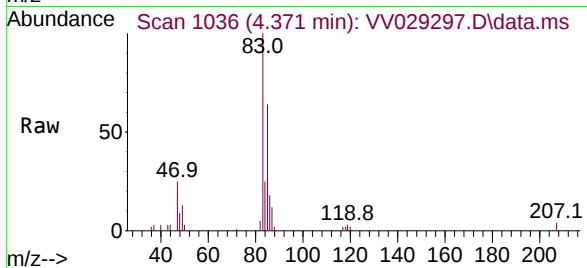




#25
Chloroform
Concen: 0.534 ug/L
RT: 4.371 min Scan# 1036
Delta R.T. 0.006 min
Lab File: VV029297.D
Acq: 23 Nov 2022 16:10

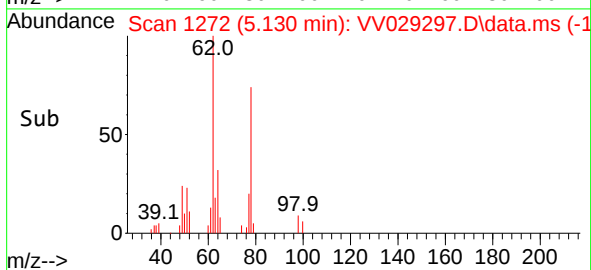
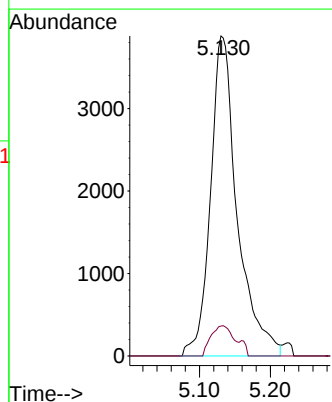
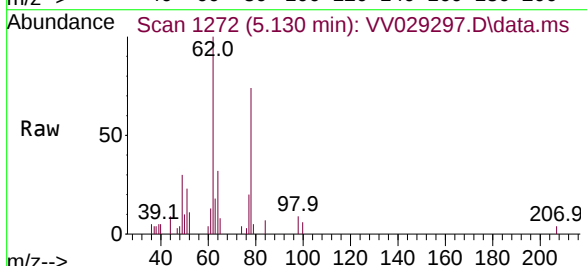
Instrument :
MSVOA_V
ClientSampleId :

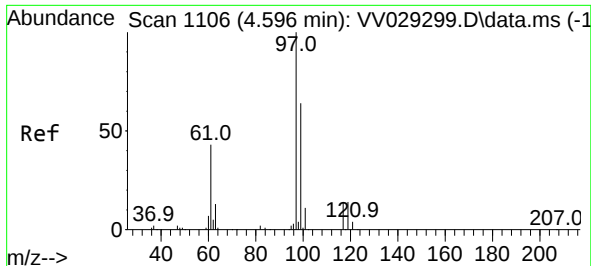
Tgt Ion: 83 Resp: 18137
Ion Ratio Lower Upper
83 100
85 64.3 45.4 84.4



#27
1,2-Dichloroethane
Concen: 0.553 ug/L
RT: 5.130 min Scan# 1272
Delta R.T. 0.006 min
Lab File: VV029297.D
Acq: 23 Nov 2022 16:10

Tgt Ion: 62 Resp: 10169
Ion Ratio Lower Upper
62 100
98 9.4 8.4 12.6





#29

1,1,1-Trichloroethane

Concen: 0.542 ug/L

RT: 4.603 min Scan# 1106

Delta R.T. 0.006 min

Lab File: VV029297.D

Acq: 23 Nov 2022 16:10

Instrument :

MSVOA_V

ClientSampleId :

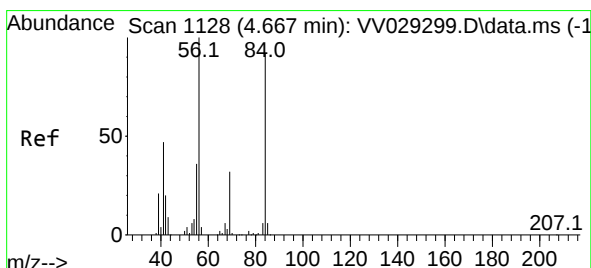
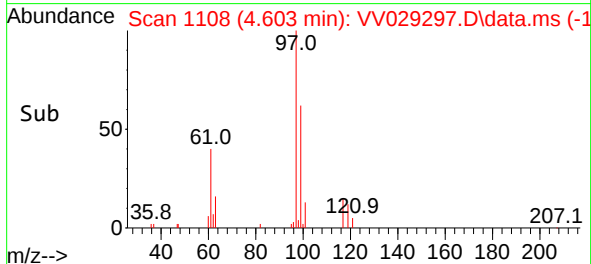
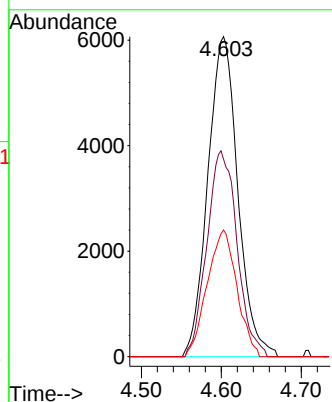
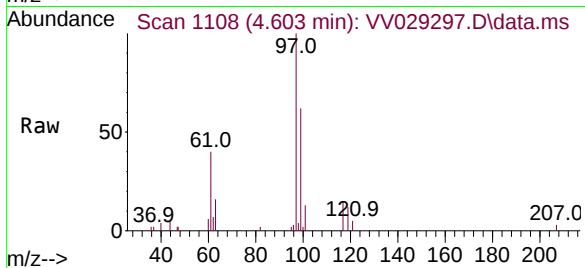
Tgt Ion: 97 Resp: 15836

Ion Ratio Lower Upper

97 100

99 64.6 51.2 76.8

61 39.1 33.3 49.9



#30

Cyclohexane

Concen: 0.535 ug/L

RT: 4.667 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VV029297.D

Acq: 23 Nov 2022 16:10

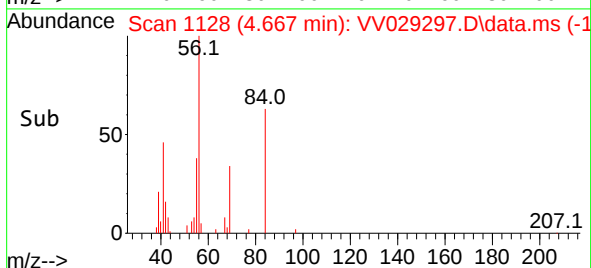
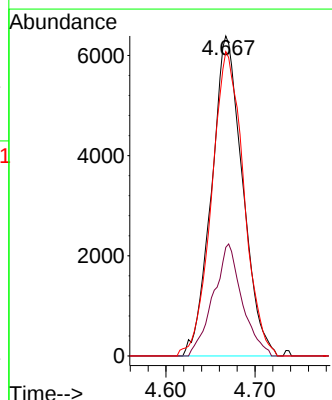
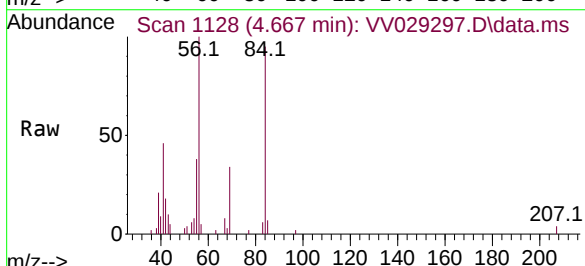
Tgt Ion: 56 Resp: 15443

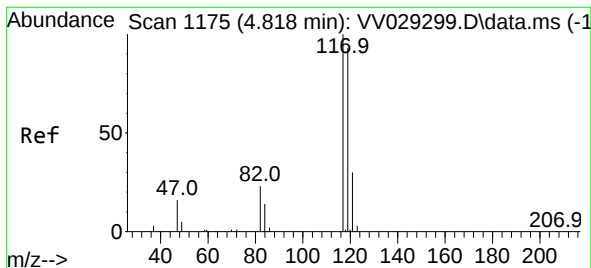
Ion Ratio Lower Upper

56 100

69 32.5 26.1 39.1

84 98.4 75.6 113.4





#31

Carbon tetrachloride

Concen: 0.522 ug/L

RT: 4.821 min Scan# 1176

Delta R.T. 0.003 min

Lab File: VV029297.D

Acq: 23 Nov 2022 16:10

Instrument :

MSVOA_V

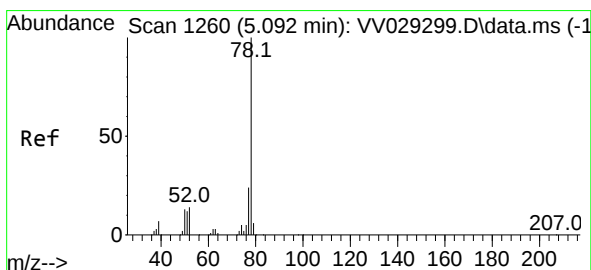
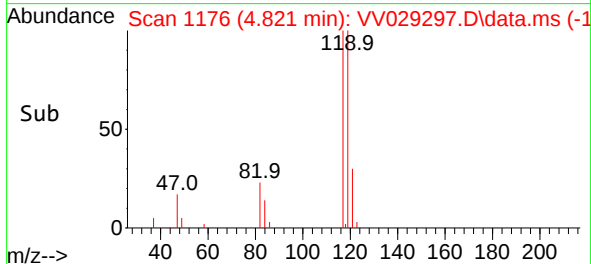
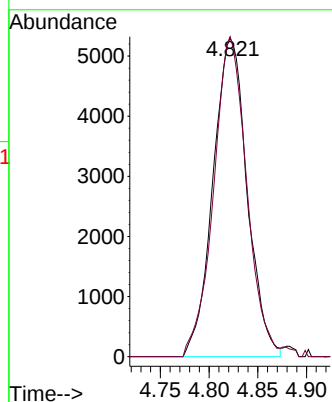
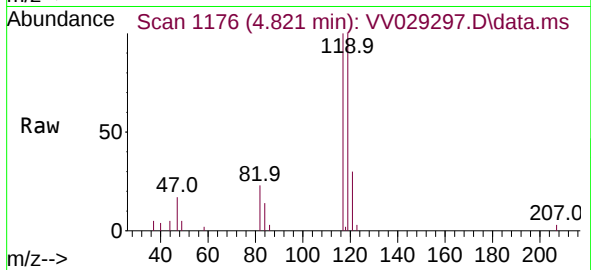
ClientSampleId :

Tgt Ion:117 Resp: 12906

Ion Ratio Lower Upper

117 100

119 97.5 75.7 113.5



#33

Benzene

Concen: 0.570 ug/L

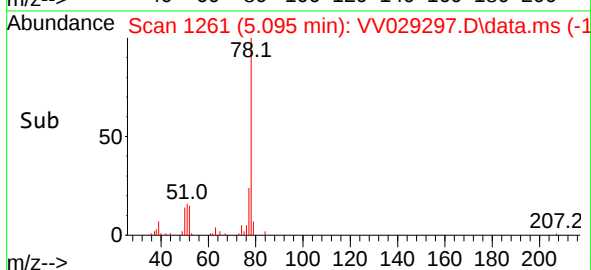
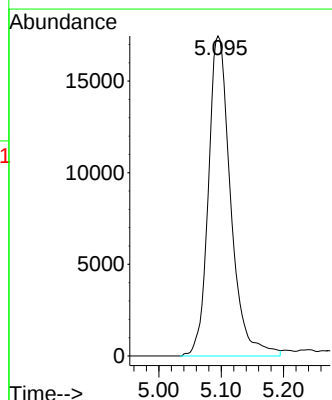
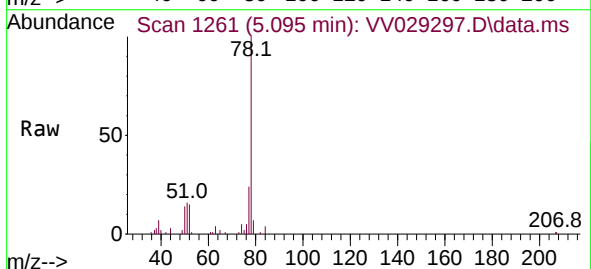
RT: 5.095 min Scan# 1261

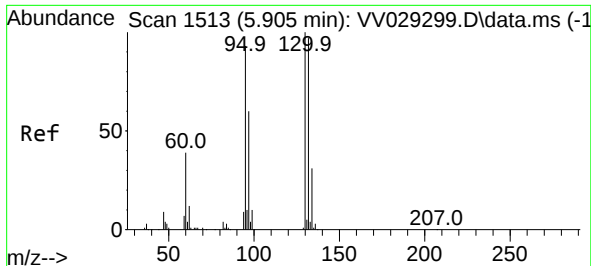
Delta R.T. 0.003 min

Lab File: VV029297.D

Acq: 23 Nov 2022 16:10

Tgt Ion: 78 Resp: 43310





#34

Trichloroethene

Concen: 0.541 ug/L

RT: 5.911 min Scan# 1

Delta R.T. 0.006 min

Lab File: VV029297.D

Acq: 23 Nov 2022 16:10

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 10488

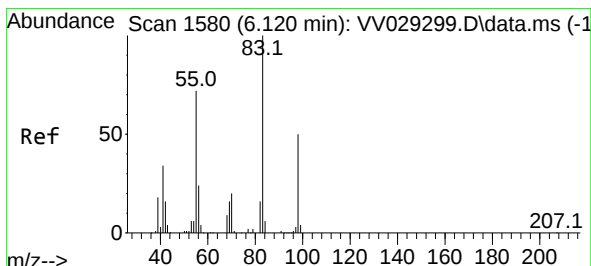
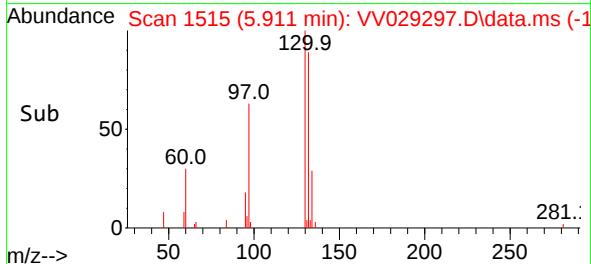
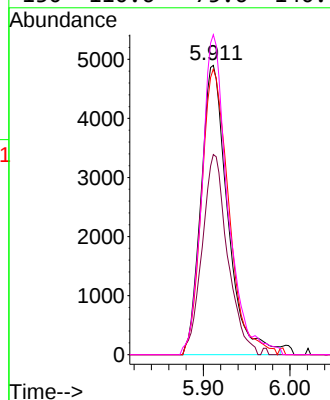
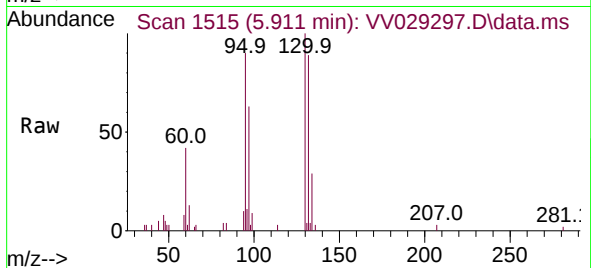
Ion Ratio Lower Upper

95 100

97 69.2 45.4 84.4

132 98.7 73.3 136.1

130 110.6 75.6 140.4



#35

Methylcyclohexane

Concen: 0.507 ug/L

RT: 6.124 min Scan# 1581

Delta R.T. 0.003 min

Lab File: VV029297.D

Acq: 23 Nov 2022 16:10

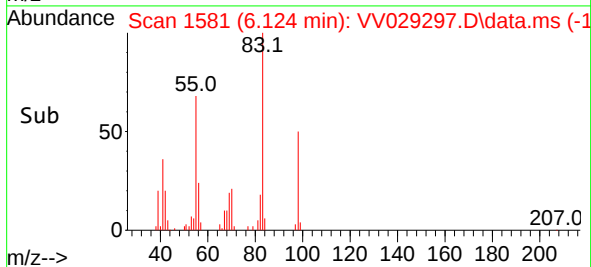
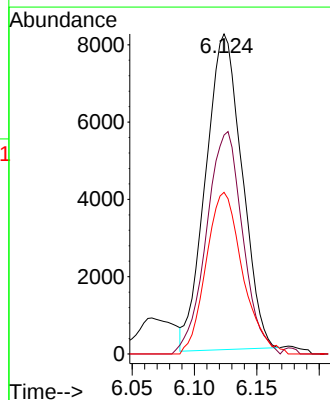
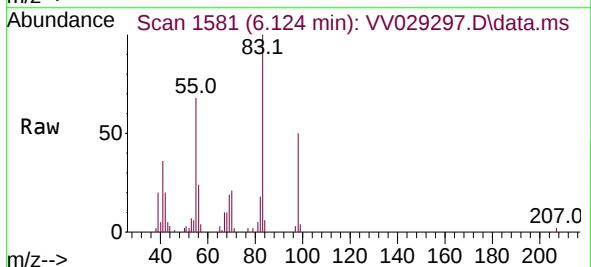
Tgt Ion: 83 Resp: 16603

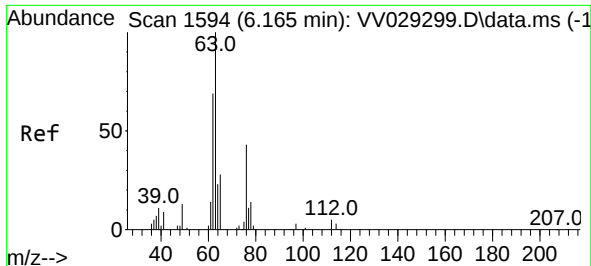
Ion Ratio Lower Upper

83 100

55 70.3 55.4 83.2

98 51.3 39.4 59.2

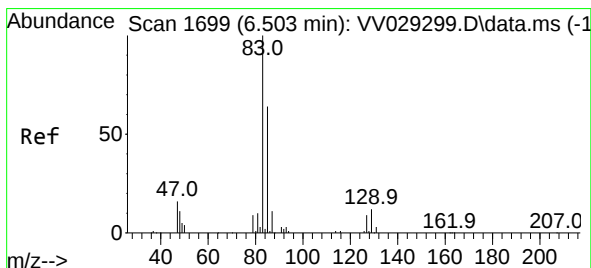
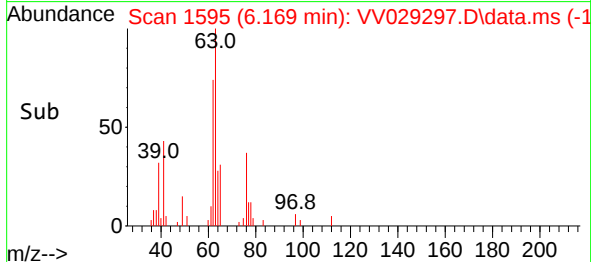
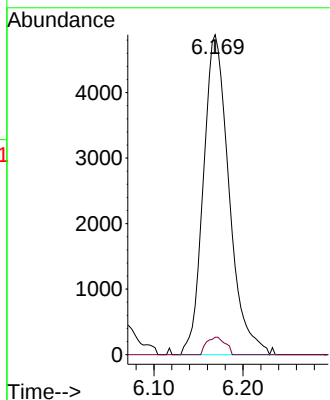
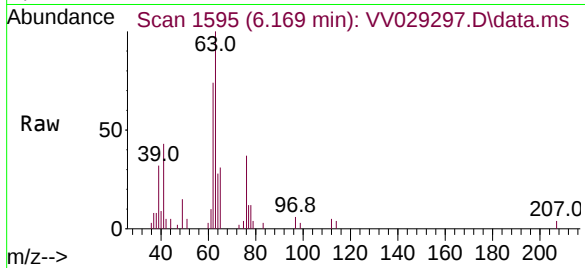




#37
1,2-Dichloropropane
Concen: 0.547 ug/L
RT: 6.169 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV029297.D
Acq: 23 Nov 2022 16:10

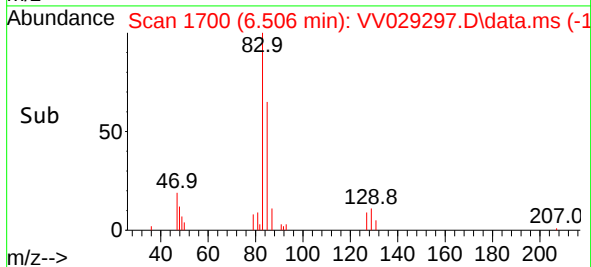
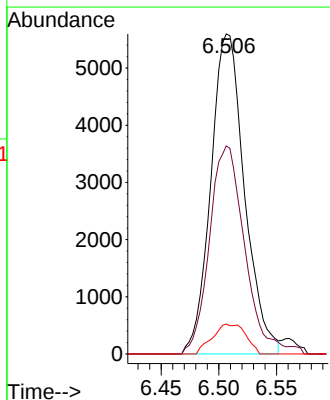
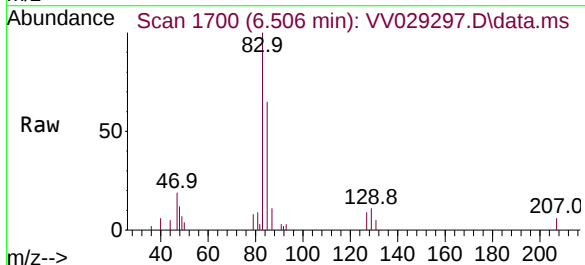
Instrument :
MSVOA_V
ClientSampleId :

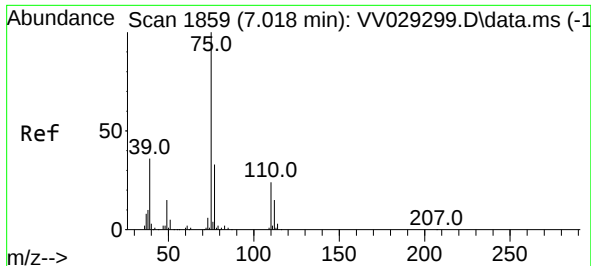
Tgt Ion: 63 Resp: 9799
Ion Ratio Lower Upper
63 100
112 3.9 4.1 6.1#



#38
Bromodichloromethane
Concen: 0.530 ug/L
RT: 6.506 min Scan# 1700
Delta R.T. 0.003 min
Lab File: VV029297.D
Acq: 23 Nov 2022 16:10

Tgt Ion: 83 Resp: 11363
Ion Ratio Lower Upper
83 100
85 65.0 44.7 83.1
127 9.3 7.4 11.2





#39

cis-1,3-Dichloropropene

Concen: 0.521 ug/L

RT: 7.027 min Scan# 1862

Delta R.T. 0.010 min

Lab File: VV029297.D

Acq: 23 Nov 2022 16:10

Instrument :

MSVOA_V

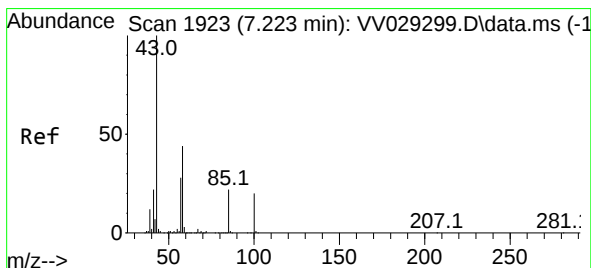
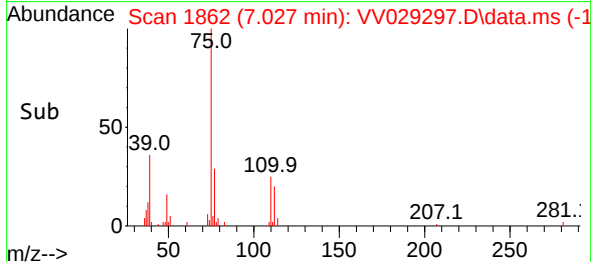
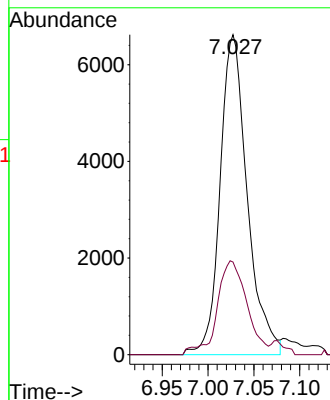
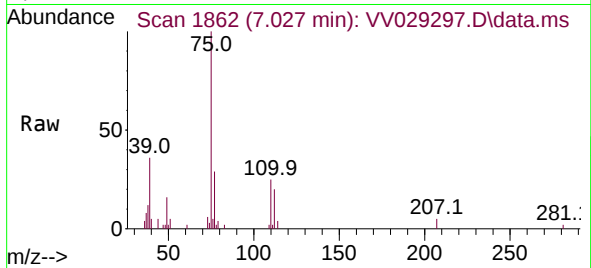
ClientSampleId :

Tgt Ion: 75 Resp: 13639

Ion Ratio Lower Upper

75 100

77 28.9 22.7 42.3



#40

4-Methyl-2-pentanone

Concen: 5.413 ug/L

RT: 7.227 min Scan# 1924

Delta R.T. 0.003 min

Lab File: VV029297.D

Acq: 23 Nov 2022 16:10

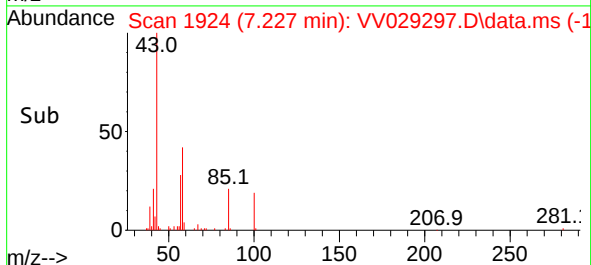
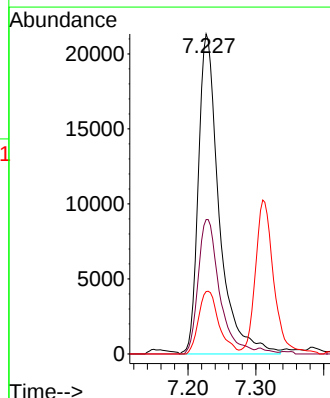
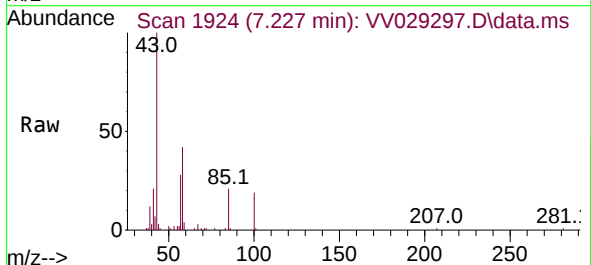
Tgt Ion: 43 Resp: 45343

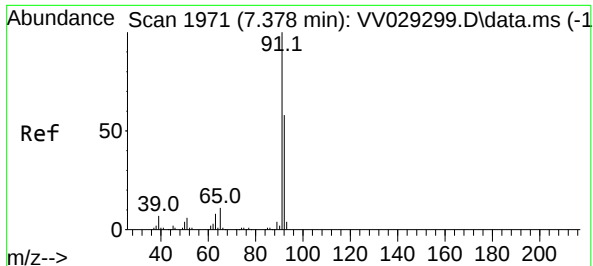
Ion Ratio Lower Upper

43 100

58 43.1 35.3 52.9

100 19.3 15.3 22.9





#42

Toluene

Concen: 0.547 ug/L

RT: 7.384 min Scan# 1971

Delta R.T. 0.006 min

Lab File: VV029297.D

Acq: 23 Nov 2022 16:10

Instrument :

MSVOA_V

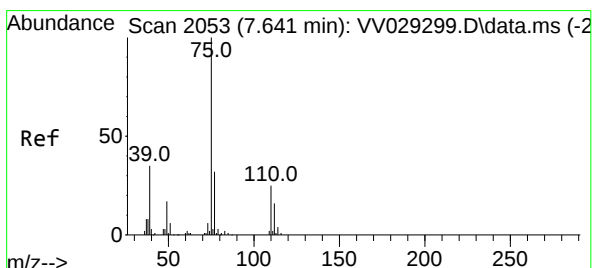
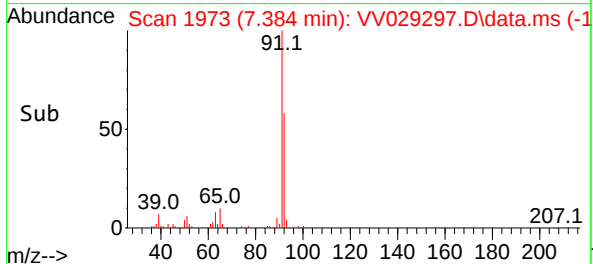
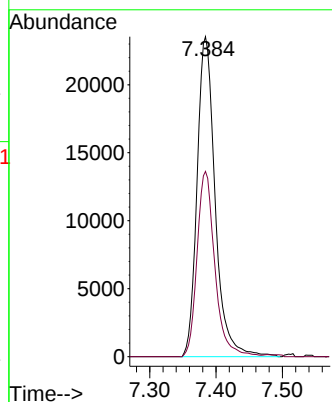
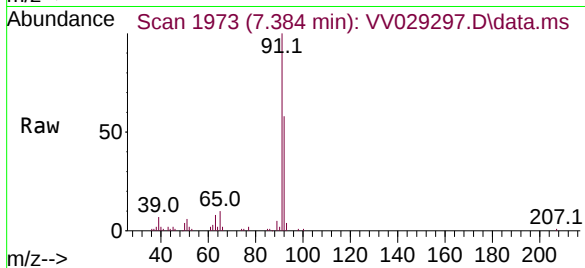
ClientSampleId :

Tgt Ion: 91 Resp: 44579

Ion Ratio Lower Upper

91 100

92 57.9 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 0.540 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. 0.010 min

Lab File: VV029297.D

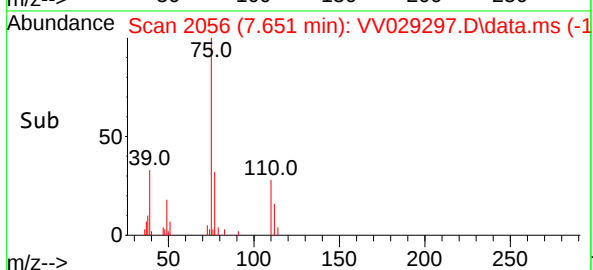
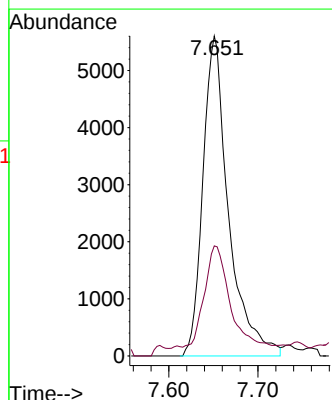
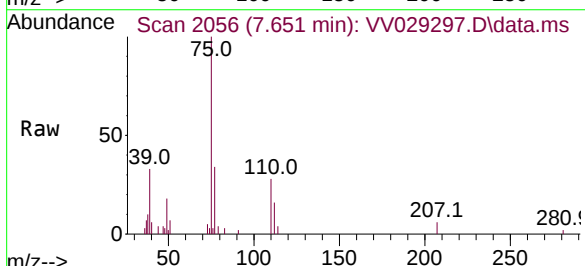
Acq: 23 Nov 2022 16:10

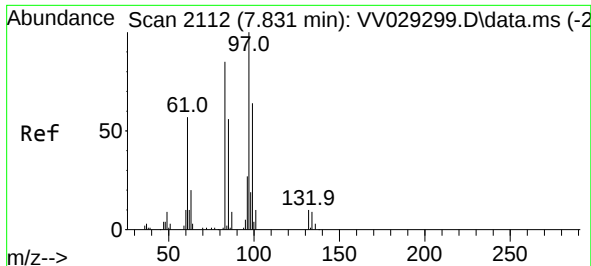
Tgt Ion: 75 Resp: 11203

Ion Ratio Lower Upper

75 100

77 34.4 22.4 41.6





#45

1,1,2-Trichloroethane

Concen: 0.565 ug/L

RT: 7.834 min Scan# 2112

Delta R.T. 0.003 min

Lab File: VV029297.D

Acq: 23 Nov 2022 16:10

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 6847

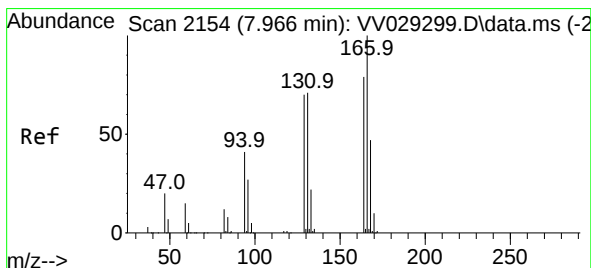
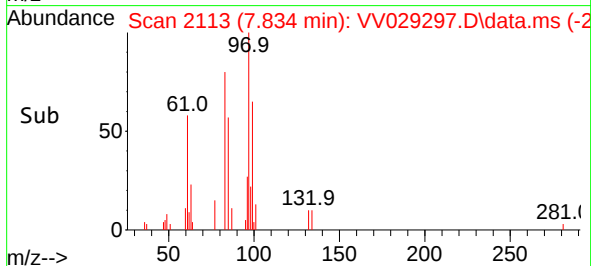
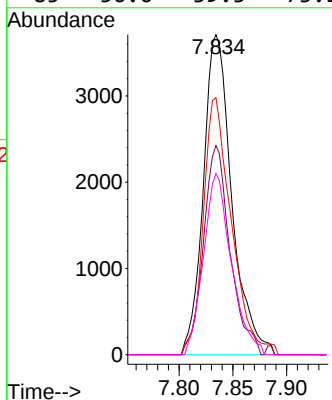
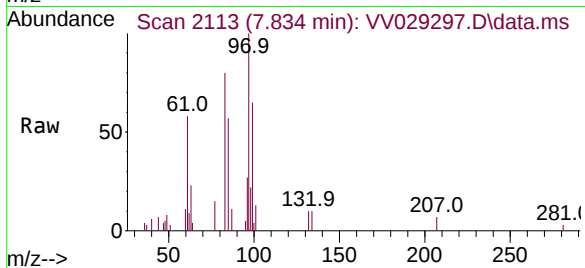
Ion Ratio Lower Upper

97 100

99 65.3 44.4 82.5

83 80.3 59.5 110.5

85 56.6 39.3 73.1



#47

Tetrachloroethene

Concen: 0.545 ug/L

RT: 7.969 min Scan# 2155

Delta R.T. 0.003 min

Lab File: VV029297.D

Acq: 23 Nov 2022 16:10

Tgt Ion:164 Resp: 8663

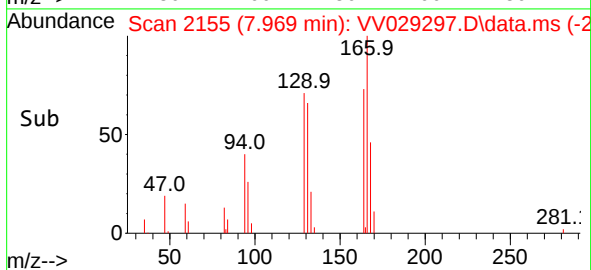
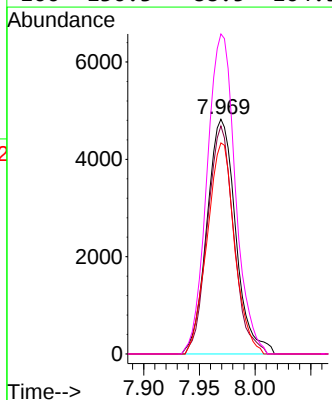
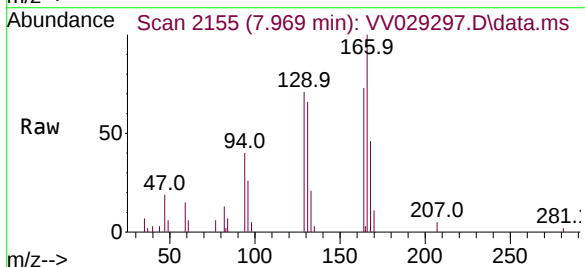
Ion Ratio Lower Upper

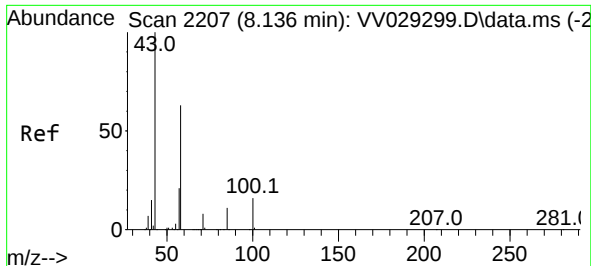
164 100

129 97.1 61.7 114.7

131 89.9 62.9 116.9

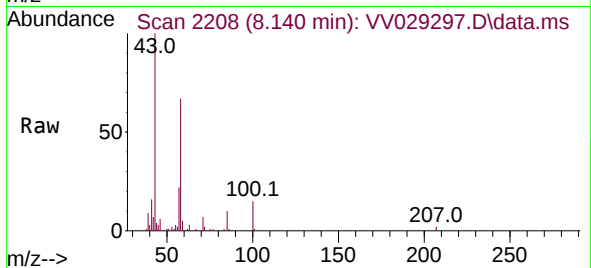
166 136.3 88.5 164.3



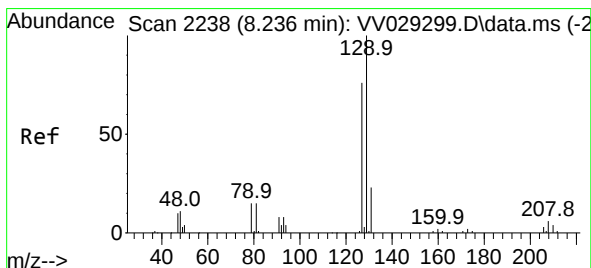
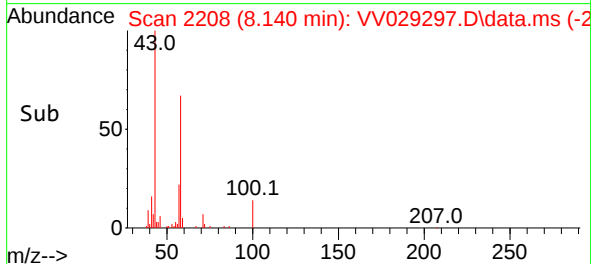
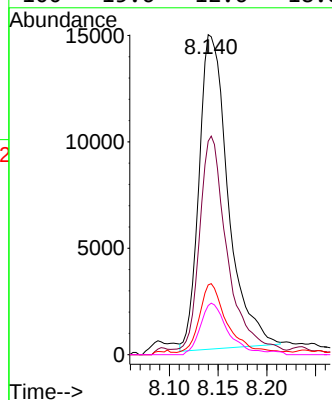


#48
2-Hexanone
Concen: 5.219 ug/L
RT: 8.140 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV029297.D
Acq: 23 Nov 2022 16:10

Instrument :
MSVOA_V
ClientSampleId :

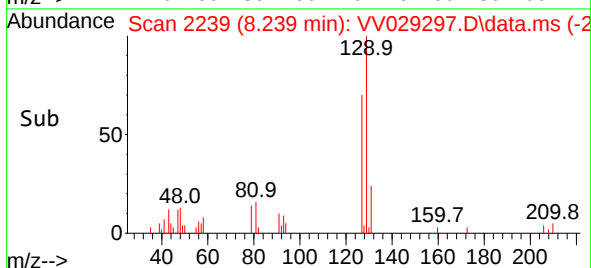
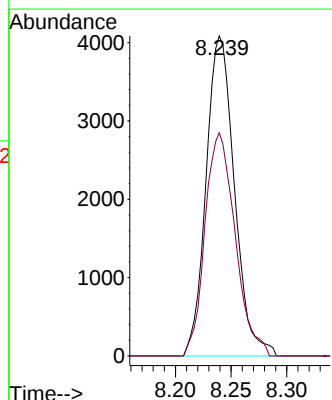
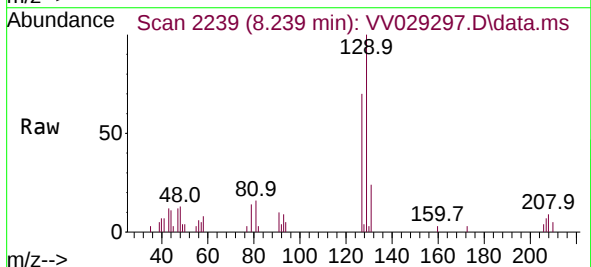


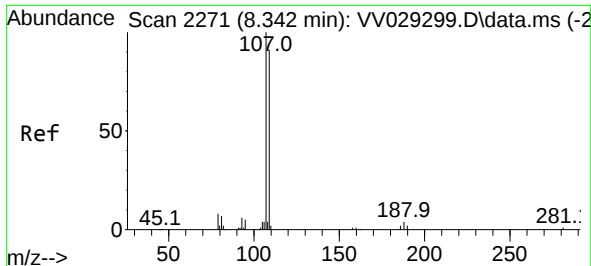
Tgt Ion: 43	Resp: 30665
Ion Ratio	Lower Upper
43 100	
58 66.7	49.4 74.0
57 21.2	16.9 25.3
100 15.6	12.6 18.8



#49
Dibromochloromethane
Concen: 0.530 ug/L
RT: 8.239 min Scan# 2239
Delta R.T. 0.003 min
Lab File: VV029297.D
Acq: 23 Nov 2022 16:10

Tgt Ion:129	Resp: 7232		
Ion Ratio	Lower	Upper	
129 100			
127 69.8	53.1	98.7	





#50

1,2-Dibromoethane

Concen: 0.538 ug/L

RT: 8.349 min Scan# 21

Delta R.T. 0.006 min

Lab File: VV029297.D

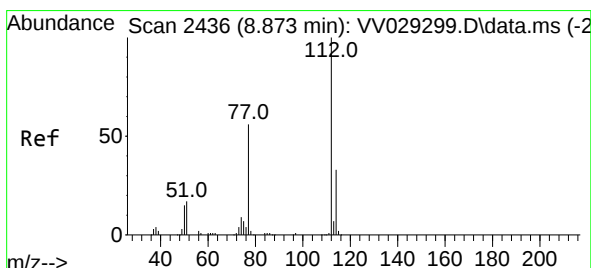
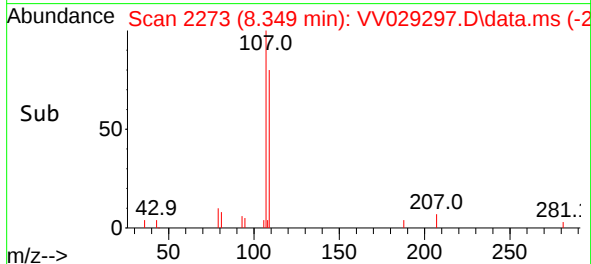
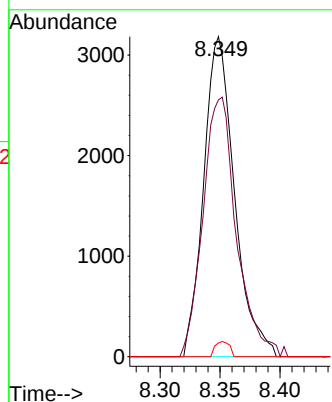
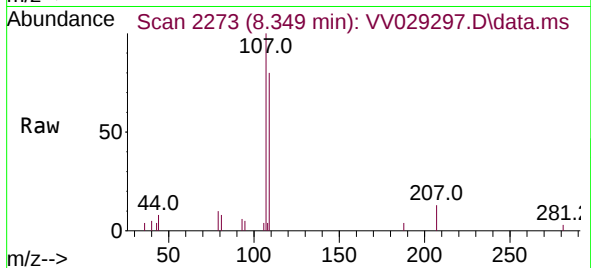
Acq: 23 Nov 2022 16:10

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:107	Resp:	5693
Ion	Ratio	Lower Upper
107	100	
109	80.2	64.0 118.8
188	4.3	3.0 4.4



#51

Chlorobenzene

Concen: 0.545 ug/L

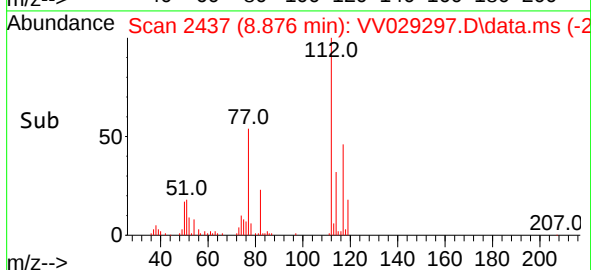
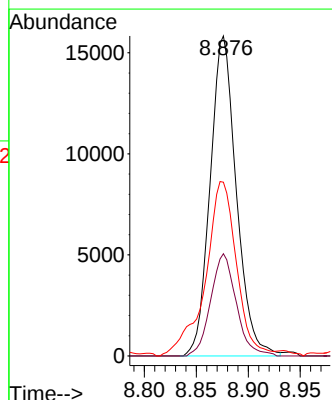
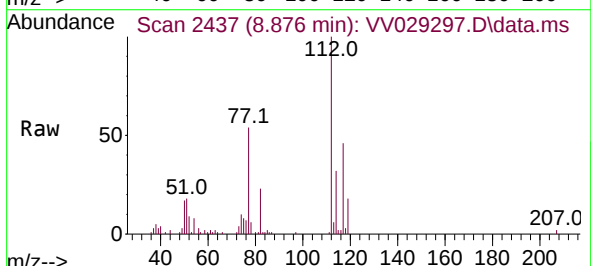
RT: 8.876 min Scan# 2437

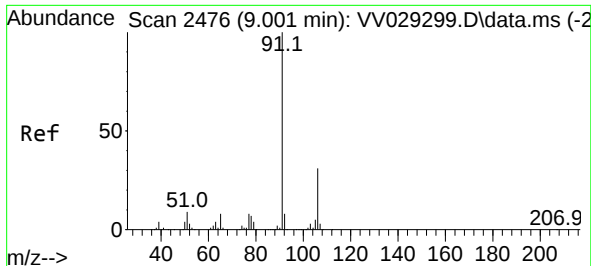
Delta R.T. 0.003 min

Lab File: VV029297.D

Acq: 23 Nov 2022 16:10

Tgt Ion:112	Resp:	27766
Ion	Ratio	Lower Upper
112	100	
114	32.0	22.9 42.5
77	54.3	45.3 67.9





#52

Ethylbenzene

Concen: 0.532 ug/L

RT: 9.005 min Scan# 2476

Delta R.T. 0.003 min

Lab File: VV029297.D

Acq: 23 Nov 2022 16:10

Instrument :

MSVOA_V

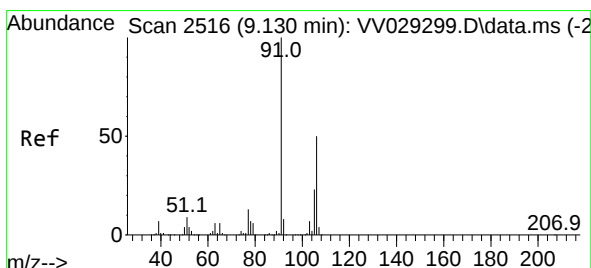
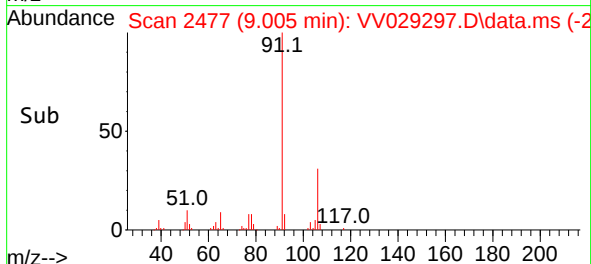
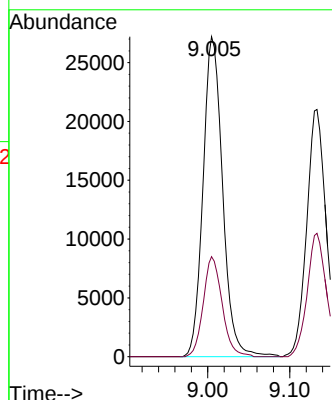
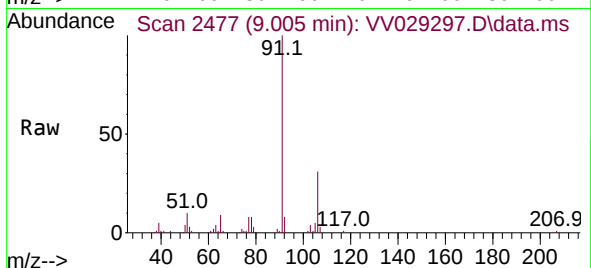
ClientSampleId :

Tgt Ion: 91 Resp: 45270

Ion Ratio Lower Upper

91 100

106 31.3 21.9 40.7



#53

m,p-Xylene

Concen: 0.522 ug/L

RT: 9.133 min Scan# 2517

Delta R.T. 0.003 min

Lab File: VV029297.D

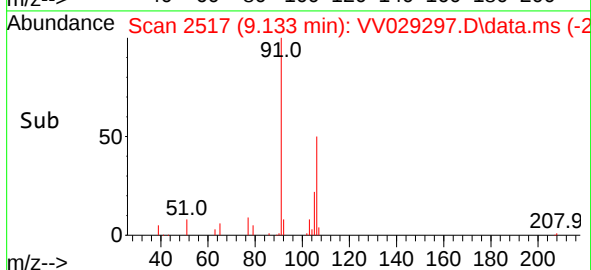
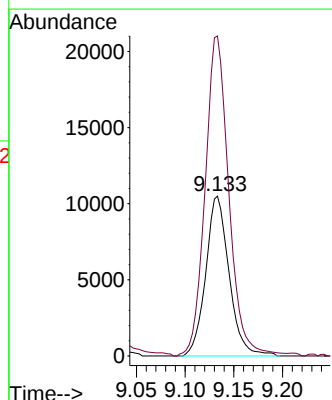
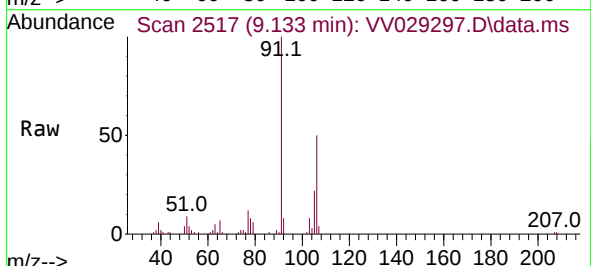
Acq: 23 Nov 2022 16:10

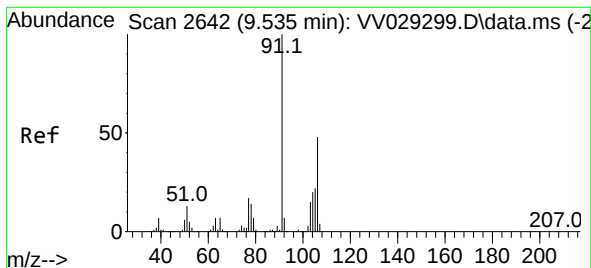
Tgt Ion: 106 Resp: 17511

Ion Ratio Lower Upper

106 100

91 200.2 140.6 261.2





#54

o-Xylene

Concen: 0.533 ug/L

RT: 9.535 min Scan# 2642

Delta R.T. -0.000 min

Lab File: VV029297.D

Acq: 23 Nov 2022 16:10

Instrument :

MSVOA_V

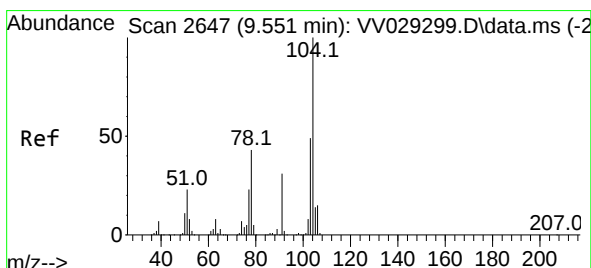
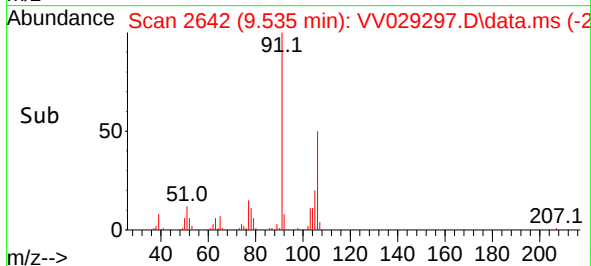
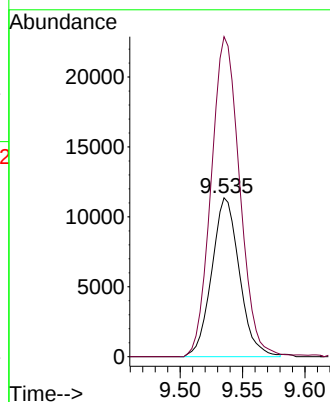
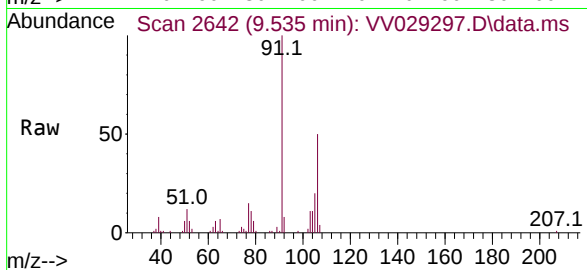
ClientSampleId :

Tgt Ion:106 Resp: 17555

Ion Ratio Lower Upper

106 100

91 201.4 146.9 272.9



#55

Styrene

Concen: 0.518 ug/L

RT: 9.554 min Scan# 2648

Delta R.T. 0.003 min

Lab File: VV029297.D

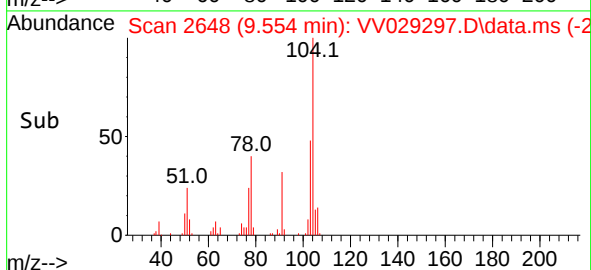
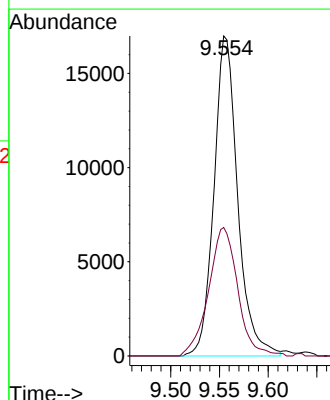
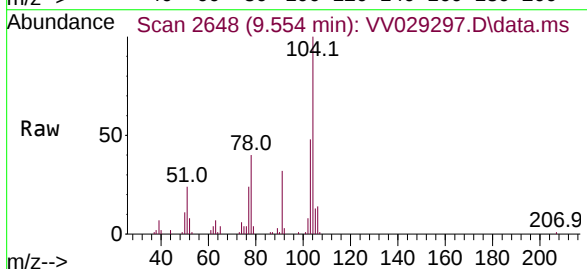
Acq: 23 Nov 2022 16:10

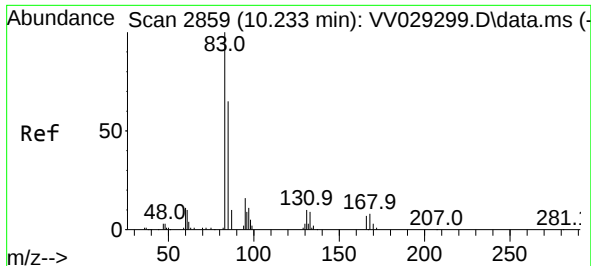
Tgt Ion:104 Resp: 28801

Ion Ratio Lower Upper

104 100

78 40.2 29.9 55.5

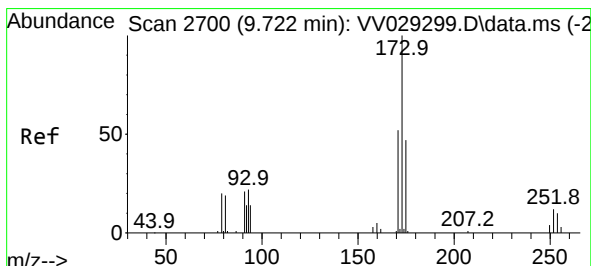
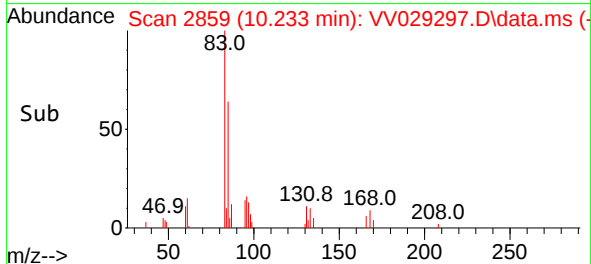
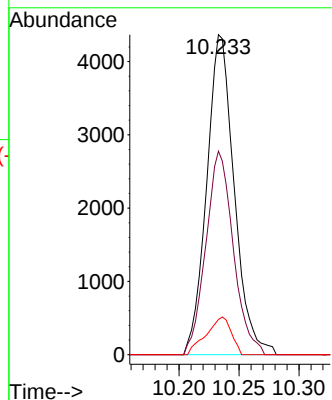
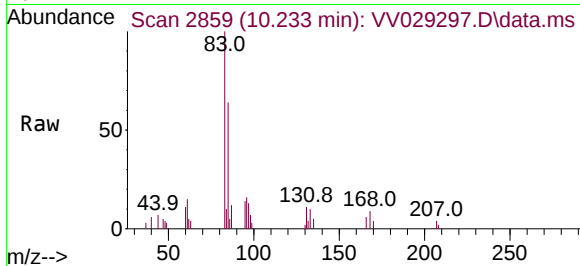




#57
1,1,2,2-Tetrachloroethane
Concen: 0.556 ug/L
RT: 10.233 min Scan# 2859
Delta R.T. -0.000 min
Lab File: VV029297.D
Acq: 23 Nov 2022 16:10

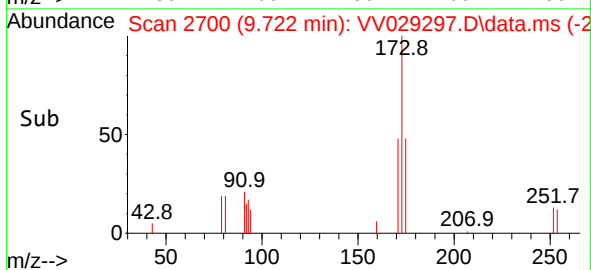
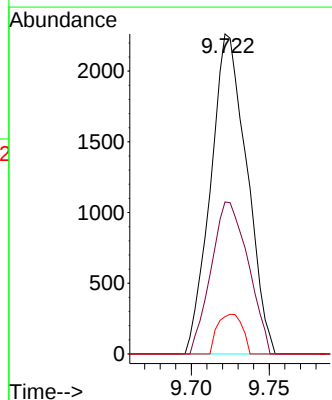
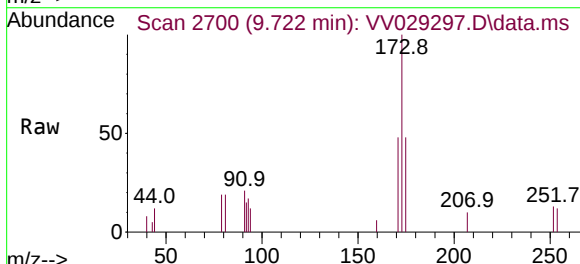
Instrument :
MSVOA_V
ClientSampleId :

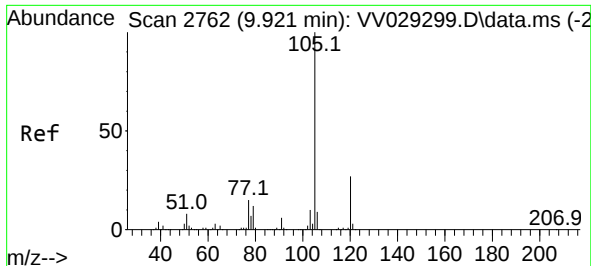
Tgt Ion:	83	Resp:	6977
Ion	Ratio	Lower	Upper
83	100		
85	63.6	45.5	84.5
131	11.0	8.2	12.2



#59
Bromoform
Concen: 0.515 ug/L
RT: 9.722 min Scan# 2700
Delta R.T. -0.000 min
Lab File: VV029297.D
Acq: 23 Nov 2022 16:10

Tgt Ion:	173	Resp:	3642
Ion	Ratio	Lower	Upper
173	100		
175	48.8	38.6	58.0
254	8.5	8.3	12.5

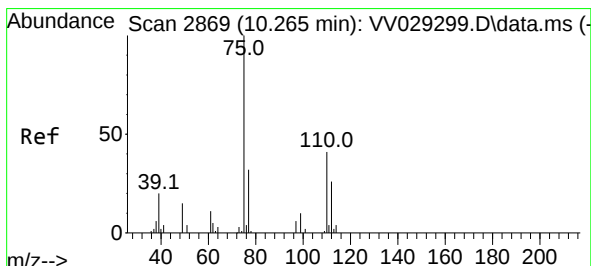
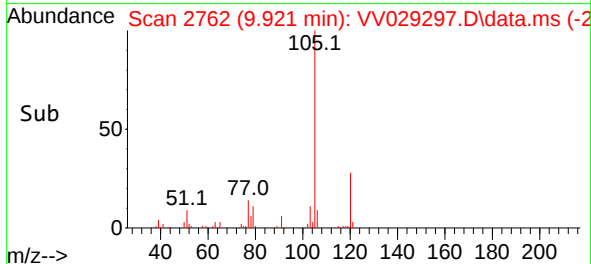
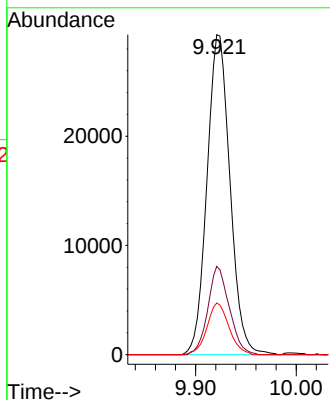
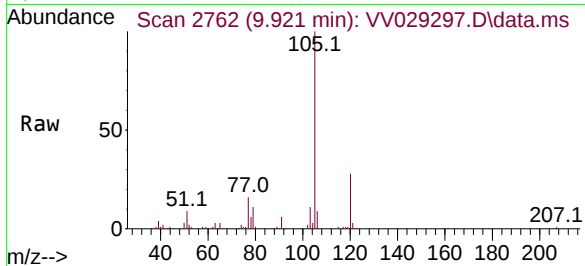




#60
Isopropylbenzene
Concen: 0.535 ug/L
RT: 9.921 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV029297.D
Acq: 23 Nov 2022 16:10

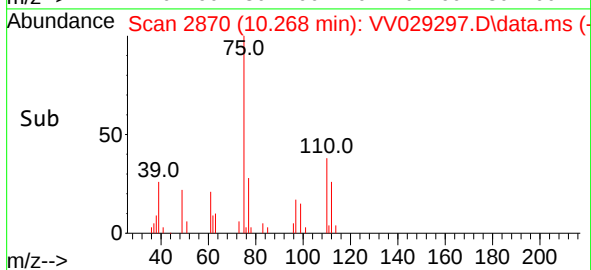
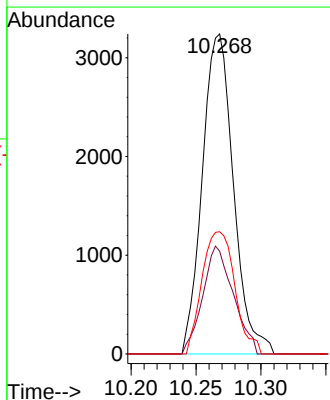
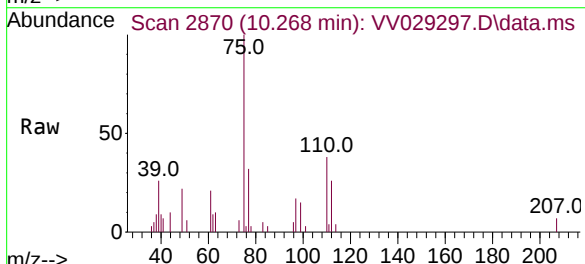
Instrument :
MSVOA_V
ClientSampleId :

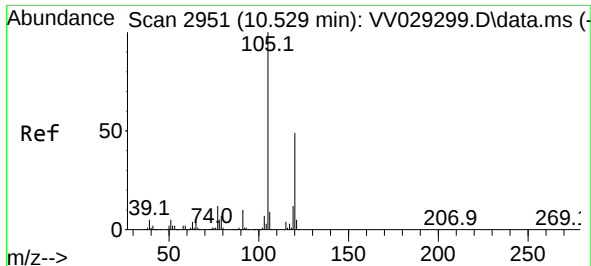
Tgt Ion:	105	Resp:	46613
Ion	Ratio	Lower	Upper
105	100		
120	25.6	21.4	32.2
77	15.4	11.8	17.8



#61
1,2,3-Trichloropropane
Concen: 0.579 ug/L
RT: 10.268 min Scan# 2870
Delta R.T. 0.003 min
Lab File: VV029297.D
Acq: 23 Nov 2022 16:10

Tgt Ion:	75	Resp:	5405
Ion	Ratio	Lower	Upper
75	100		
77	33.2	26.7	40.1
110	40.4	32.2	48.4

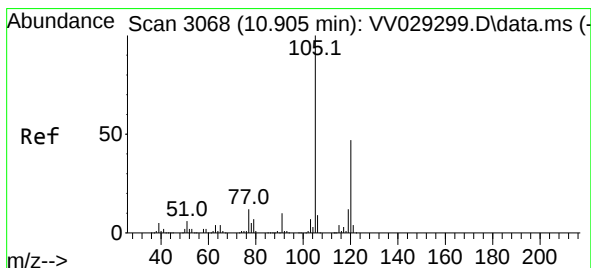
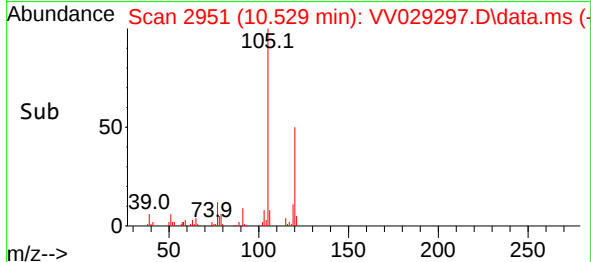
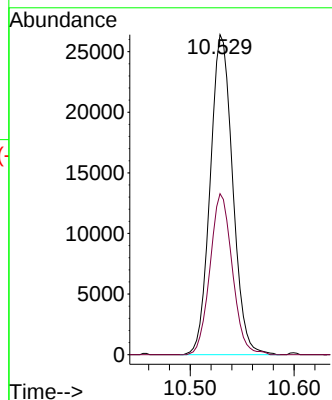
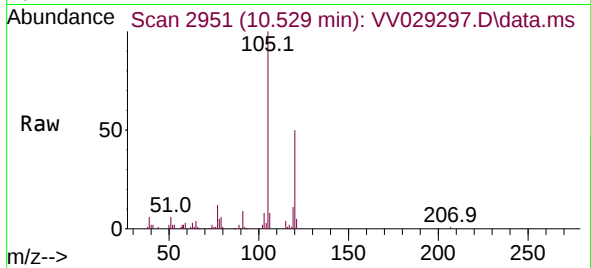




#62
 1,3,5-Trimethylbenzene
 Concen: 0.525 ug/L
 RT: 10.529 min Scan# 2951
 Delta R.T. -0.000 min
 Lab File: VV029297.D
 Acq: 23 Nov 2022 16:10

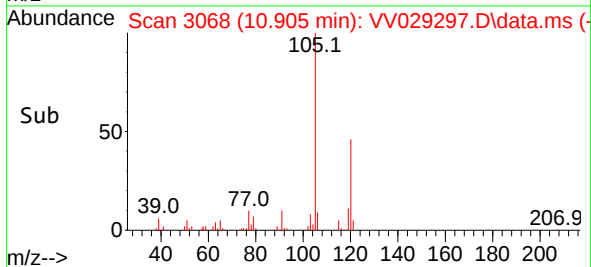
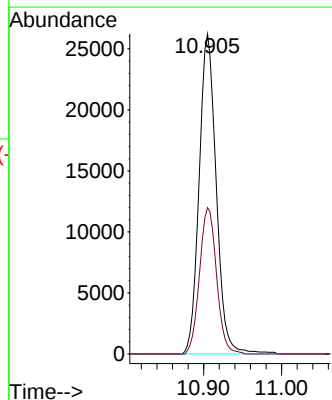
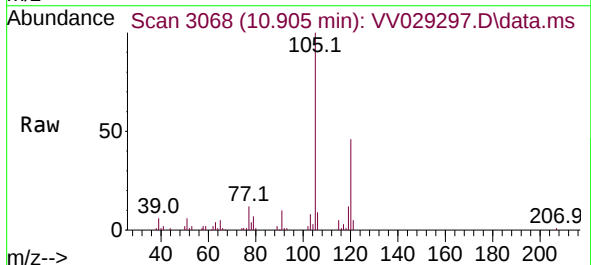
Instrument :
 MSVOA_V
 ClientSampleId :

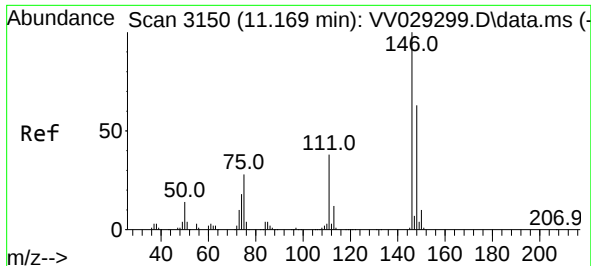
Tgt Ion:105 Resp: 39590
 Ion Ratio Lower Upper
 105 100
 120 50.0 39.6 59.4



#63
 1,2,4-Trimethylbenzene
 Concen: 0.528 ug/L
 RT: 10.905 min Scan# 3068
 Delta R.T. -0.000 min
 Lab File: VV029297.D
 Acq: 23 Nov 2022 16:10

Tgt Ion:105 Resp: 39999
 Ion Ratio Lower Upper
 105 100
 120 45.5 37.2 55.8

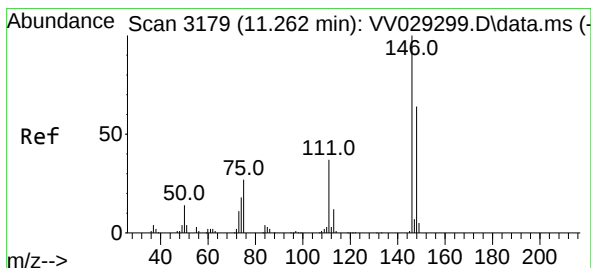
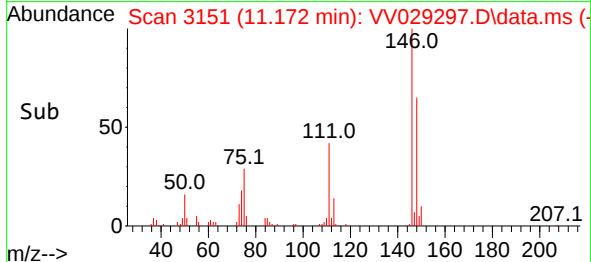
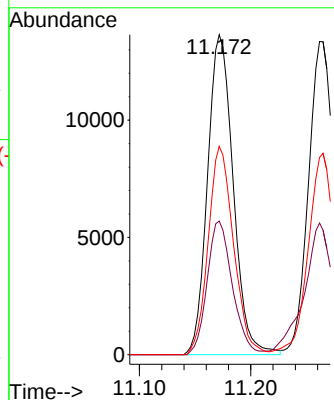
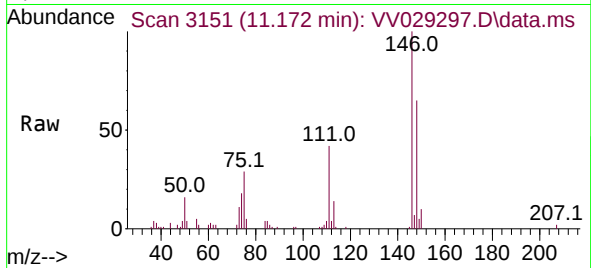




#64
1,3-Dichlorobenzene
Concen: 0.538 ug/L
RT: 11.172 min Scan# 3151
Delta R.T. 0.003 min
Lab File: VV029297.D
Acq: 23 Nov 2022 16:10

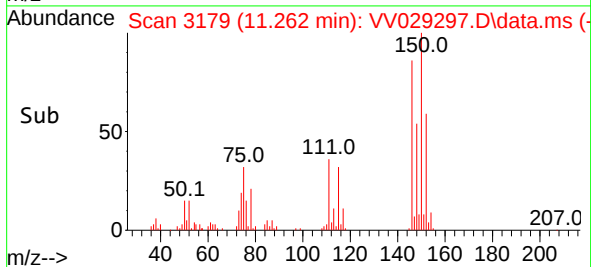
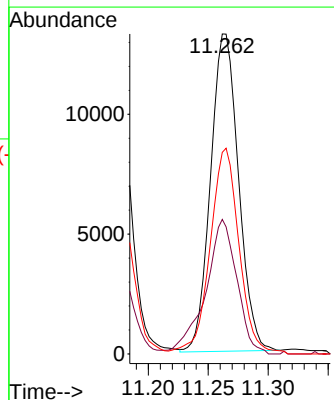
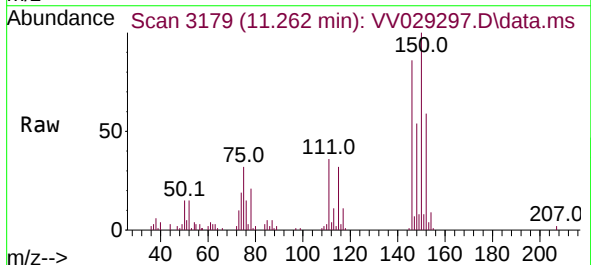
Instrument :
MSVOA_V
ClientSampleId :

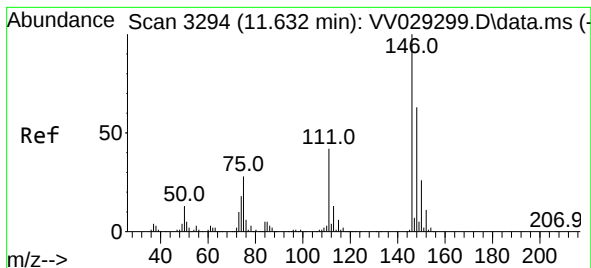
Tgt Ion:146 Resp: 21863
Ion Ratio Lower Upper
146 100
111 41.8 26.3 48.9
148 65.1 44.4 82.4



#65
1,4-Dichlorobenzene
Concen: 0.535 ug/L
RT: 11.262 min Scan# 3179
Delta R.T. -0.000 min
Lab File: VV029297.D
Acq: 23 Nov 2022 16:10

Tgt Ion:146 Resp: 21489
Ion Ratio Lower Upper
146 100
111 42.0 26.0 48.4
148 63.0 44.7 82.9





#67

1,2-Dichlorobenzene

Concen: 0.542 ug/L

RT: 11.635 min Scan# 3294

Delta R.T. 0.003 min

Lab File: VV029297.D

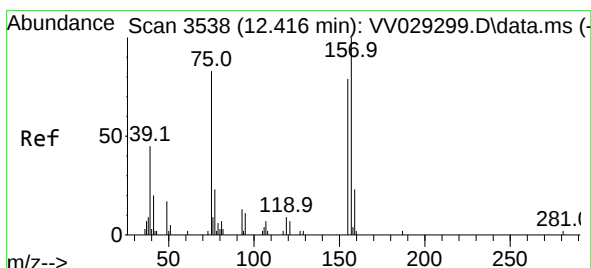
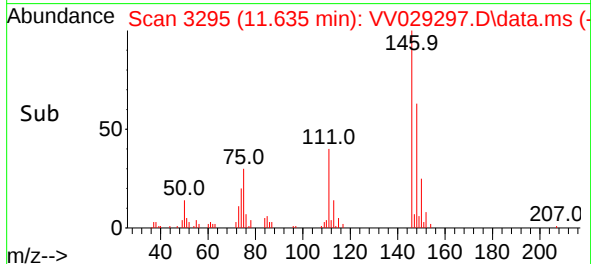
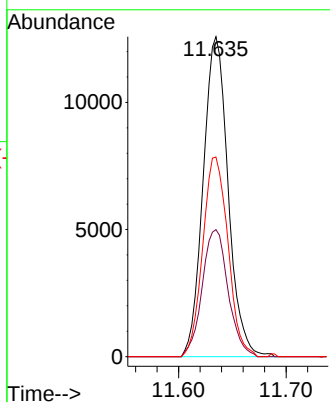
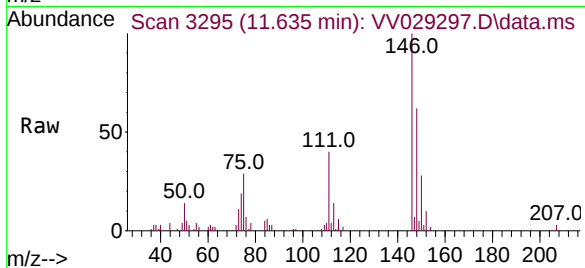
Acq: 23 Nov 2022 16:10

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	146	Resp:	20297
Ion Ratio	Lower	Upper	
146	100		
111	39.7	33.5	50.3
148	62.4	50.7	76.1



#68

1,2-Dibromo-3-chloropropane

Concen: 0.559 ug/L

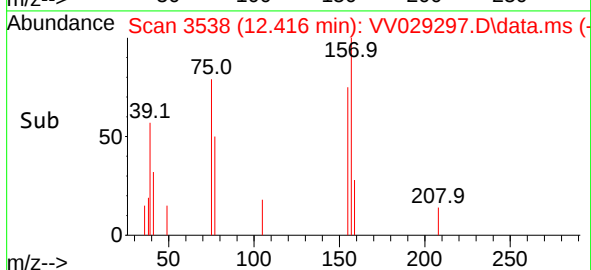
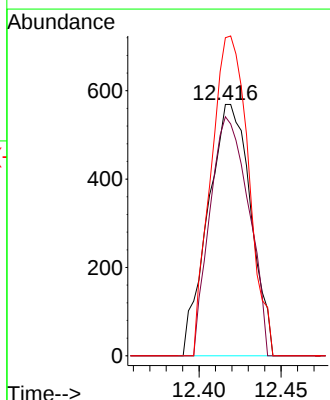
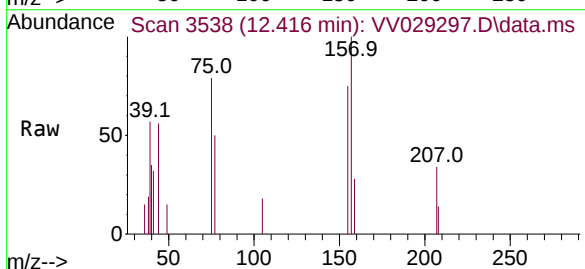
RT: 12.416 min Scan# 3538

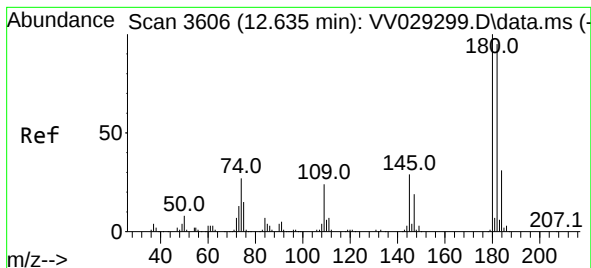
Delta R.T. -0.000 min

Lab File: VV029297.D

Acq: 23 Nov 2022 16:10

Tgt Ion:	75	Resp:	1026
Ion Ratio	Lower	Upper	
75	100		
155	95.1	76.6	115.0
157	126.5	96.9	145.3





#69

1,3,5-Trichlorobenzene

Concen: 0.516 ug/L

RT: 12.635 min Scan# 3606

Delta R.T. -0.000 min

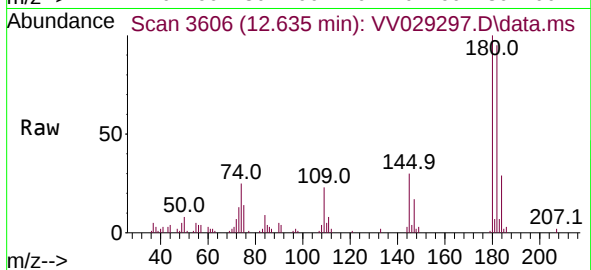
Lab File: VV029297.D

Acq: 23 Nov 2022 16:10

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 17278

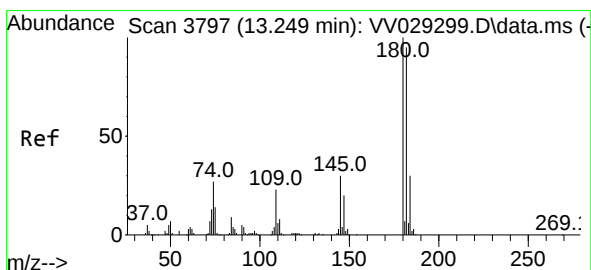
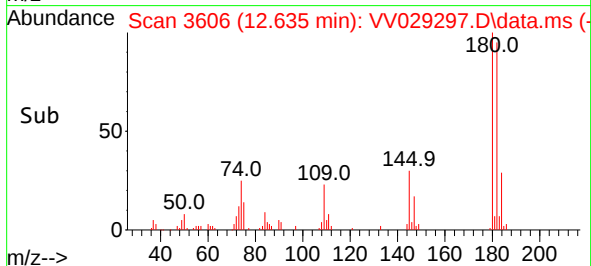
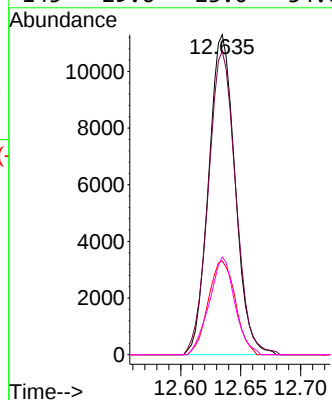
Ion Ratio Lower Upper

180 100

182 98.0 77.0 115.6

184 30.1 24.4 36.6

145 29.6 23.0 34.6



#70

1,2,4-trichlorobenzene

Concen: 0.527 ug/L

RT: 13.249 min Scan# 3797

Delta R.T. 0.000 min

Lab File: VV029297.D

Acq: 23 Nov 2022 16:10

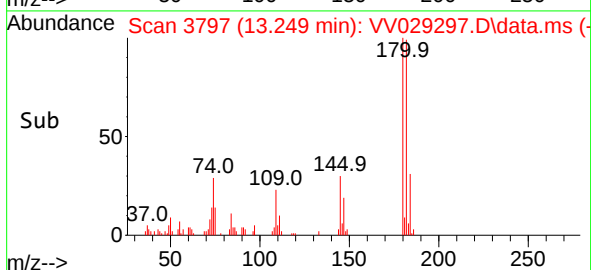
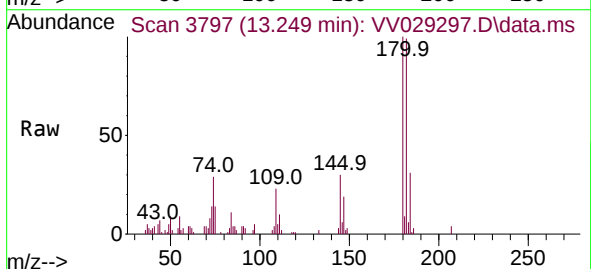
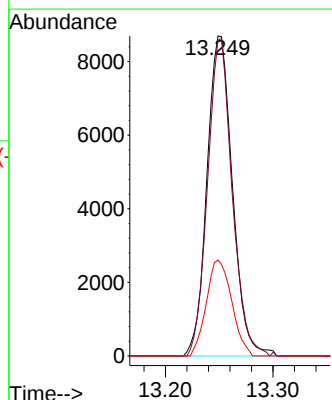
Tgt Ion:180 Resp: 14293

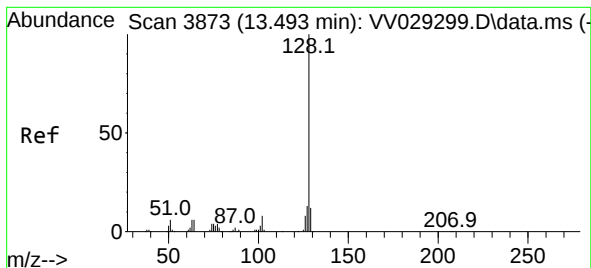
Ion Ratio Lower Upper

180 100

182 95.8 76.2 114.4

145 29.8 23.4 35.0





#71

Naphthalene

Concen: 0.572 ug/L

RT: 13.496 min Scan# 3873

Delta R.T. 0.003 min

Lab File: VV029297.D

Acq: 23 Nov 2022 16:10

Instrument :

MSVOA_V

ClientSampleId :

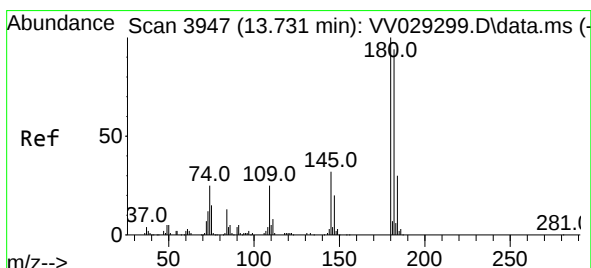
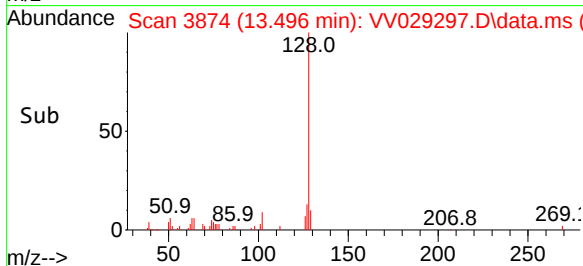
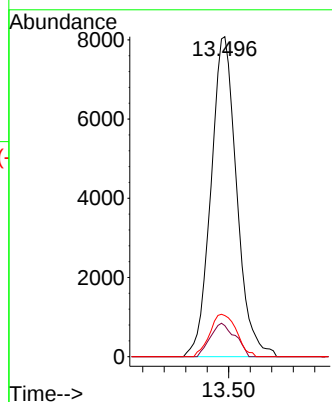
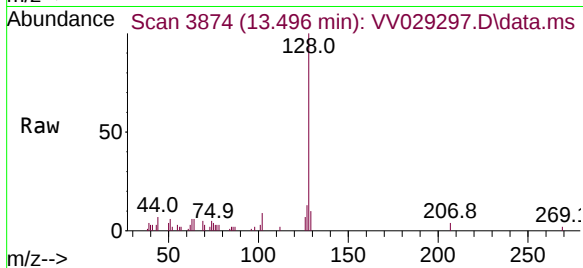
Tgt Ion:128 Resp: 13422

Ion Ratio Lower Upper

128 100

129 10.1 8.9 13.3

127 13.8 10.6 15.8



#72

1,2,3-Trichlorobenzene

Concen: 0.509 ug/L

RT: 13.731 min Scan# 3947

Delta R.T. 0.000 min

Lab File: VV029297.D

Acq: 23 Nov 2022 16:10

Tgt Ion:180 Resp: 11224

Ion Ratio Lower Upper

180 100

182 98.2 75.0 112.4

145 32.8 25.2 37.8

