

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111922\
 Data File : VW029164.D
 Acq On : 19 Nov 2022 12:33
 Operator : SY/MD
 Sample : N5687-19DL 10X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BGCE4DL

Quant Time: Nov 20 00:56:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sun Nov 20 00:53:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	273029	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	254938	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	121193	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	46697	2.805	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	56.200%
7) Chloroethane-d5	1.568	69	44523	3.043	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	60.800%#
11) 1,1-Dichloroethene-d2	2.105	63	64064	2.112	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	42.200%#
20) 2-Butanone-d5	3.892	46	228735	82.092	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	164.180%#
24) Chloroform-d	4.346	84	133564	3.908	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.200%
26) 1,2-Dichloroethane-d4	5.031	65	66263	4.310	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.200%
32) Benzene-d6	5.047	84	234642	3.084	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	61.600%#
36) 1,2-Dichloropropane-d6	6.066	67	83392	3.925	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	78.400%
41) Toluene-d8	7.314	98	192994	2.817	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	56.400%#
43) trans-1,3-Dichloroprop...	7.622	79	24406	3.522	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	70.400%
46) 2-Hexanone-d5	8.088	63	168694	57.027	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	114.060%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	81387	5.524	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.400%
66) 1,2-Dichlorobenzene-d4	11.616	152	94407	4.354	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.000%
Target Compounds						
					Qvalue	
3) Chloromethane	1.243	50	2513	0.133	ug/L	98
5) Vinyl chloride	1.311	62	1369	0.064	ug/L #	1
6) Bromomethane	1.523	94	1470	0.114	ug/L	89
8) Chloroethane	1.426	64	43259	3.417	ug/L #	53
9) Trichlorofluoromethane	1.751	101	2088	0.072	ug/L	87
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	2060	0.125	ug/L #	69
12) 1,1-Dichloroethene	2.118	96	2426	0.147	ug/L #	1
14) Carbon disulfide	2.291	76	4198	0.072	ug/L #	95
16) Methylene chloride	2.507	84	10689	0.500	ug/L	98
17) Methyl tert-butyl Ether	2.770	73	3153	0.089	ug/L	95
18) trans-1,2-Dichloroethene	2.761	96	3748	0.196	ug/L	90
19) 1,1-Dichloroethane	3.188	63	6151	0.196	ug/L	99
21) 2-Butanone	4.085	43	47495	17.116	ug/L #	53
22) cis-1,2-Dichloroethene	3.909	96	58528	3.003	ug/L	98
23) Bromochloromethane	4.253	128	631	0.077	ug/L	88
25) Chloroform	4.378	83	5036	0.153	ug/L	96
27) 1,2-Dichloroethane	5.150	62	1725	0.102	ug/L #	70
29) 1,1,1-Trichloroethane	4.609	97	20353	0.680	ug/L	98
30) Cyclohexane	4.674	56	2353	0.077	ug/L #	67

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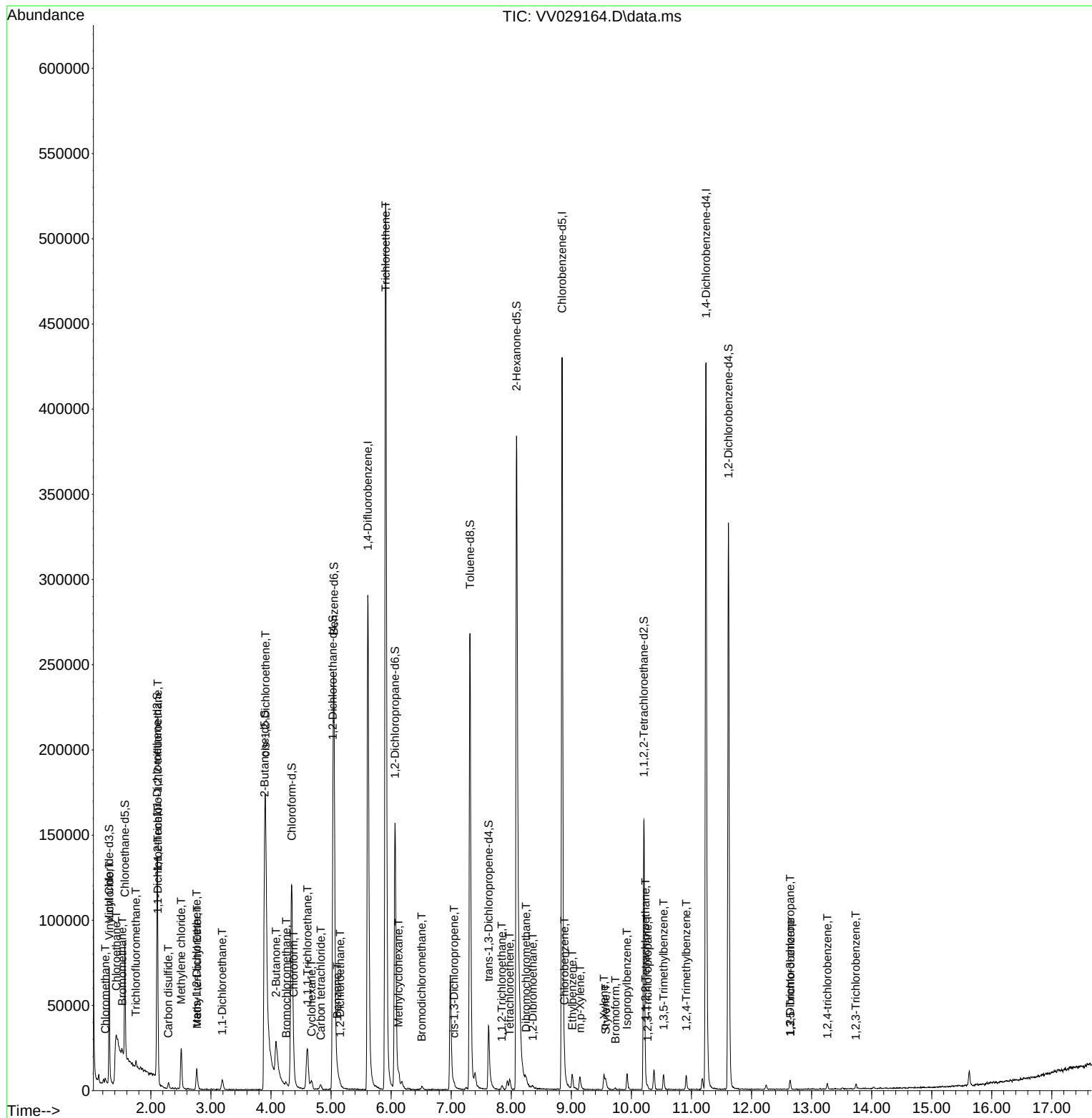
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
31) Carbon tetrachloride	4.828	117	2092	0.081	ug/L	95
33) Benzene	5.101	78	7474	0.096	ug/L	100
34) Trichloroethene	5.908	95	193163	9.685	ug/L	98
35) Methylcyclohexane	6.124	83	2648	0.076	ug/L	89
38) Bromodichloromethane	6.510	83	1724	0.076	ug/L #	85
39) cis-1,3-Dichloropropene	7.050	75	2086	0.083	ug/L	98
45) 1,1,2-Trichloroethane	7.844	97	1005	0.085	ug/L	96
47) Tetrachloroethene	7.976	164	1402	0.088	ug/L	86
49) Dibromochloromethane	8.246	129	1084	0.076	ug/L	97
50) 1,2-Dibromoethane	8.358	107	930	0.085	ug/L #	94
51) Chlorobenzene	8.886	112	4459	0.086	ug/L	88
52) Ethylbenzene	9.014	91	6907	0.079	ug/L	98
53) m,p-Xylene	9.146	106	2936	0.084	ug/L	74
54) o-Xylene	9.545	106	2182	0.066	ug/L	68
55) Styrene	9.571	104	4286	0.077	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.236	83	1642	0.120	ug/L #	97
59) Bromoform	9.735	173	458	0.069	ug/L #	79
60) Isopropylbenzene	9.928	105	6773	0.086	ug/L #	95
61) 1,2,3-Trichloropropane	10.272	75	965	0.117	ug/L #	88
62) 1,3,5-Trimethylbenzene	10.535	105	5765	0.087	ug/L	90
63) 1,2,4-Trimethylbenzene	10.911	105	5160	0.077	ug/L	93
68) 1,2-Dibromo-3-chloropr...	12.644	75	289	0.177	ug/L #	2
69) 1,3,5-Trichlorobenzene	12.648	180	2478	0.087	ug/L	90
70) 1,2,4-trichlorobenzene	13.262	180	1330	0.062	ug/L	91
72) 1,2,3-Trichlorobenzene	13.738	180	1041	0.057	ug/L	93

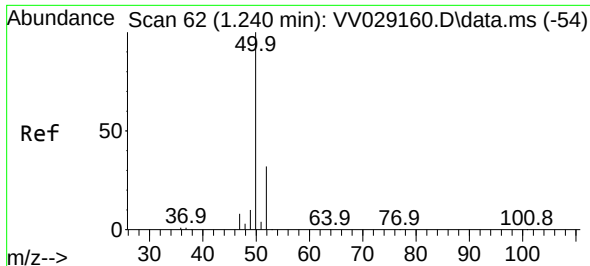
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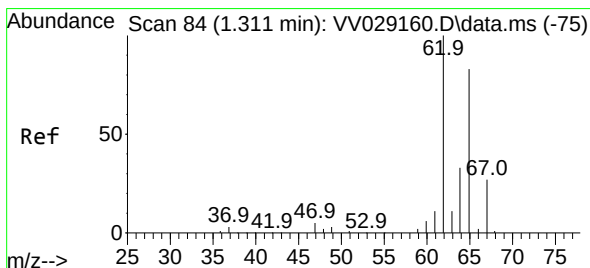
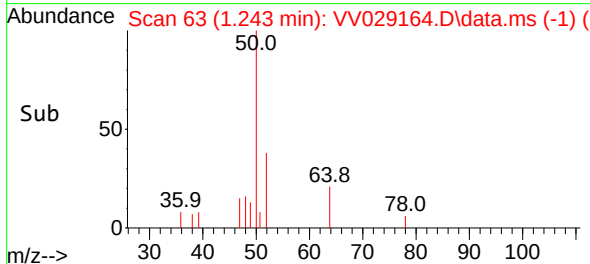
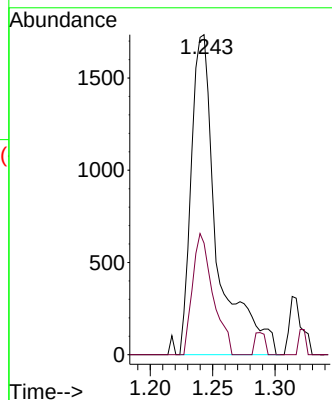
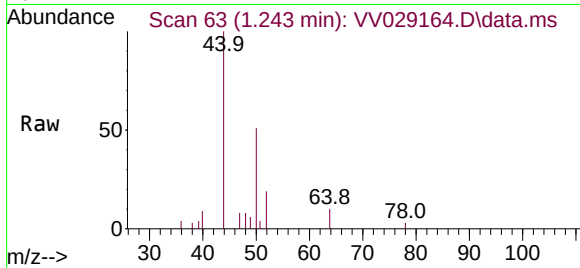




#3
Chloromethane
Concen: 0.133 ug/L
RT: 1.243 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV029164.D
Acq: 19 Nov 2022 12:33

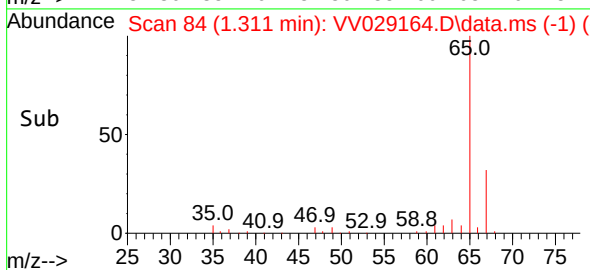
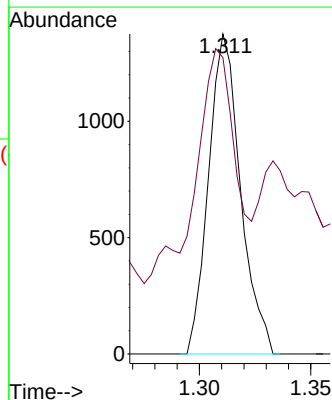
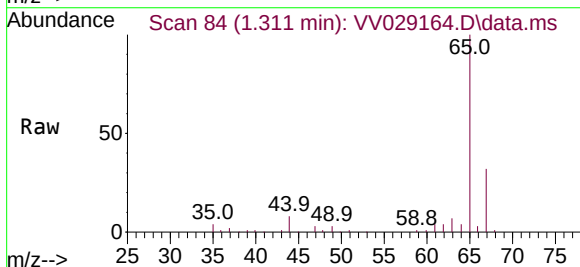
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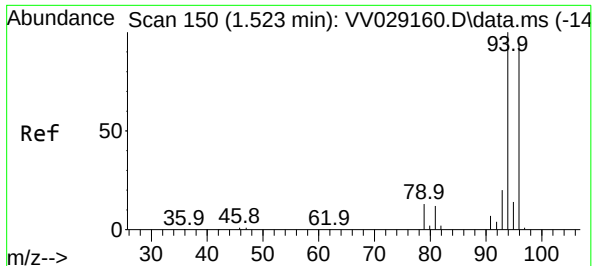
Tgt Ion: 50 Resp: 2513
Ion Ratio Lower Upper
50 100
52 34.9 23.7 43.9



#5
Vinyl chloride
Concen: 0.064 ug/L
RT: 1.311 min Scan# 84
Delta R.T. -0.000 min
Lab File: VV029164.D
Acq: 19 Nov 2022 12:33

Tgt Ion: 62 Resp: 1369
Ion Ratio Lower Upper
62 100
64 92.6 22.8 42.4#

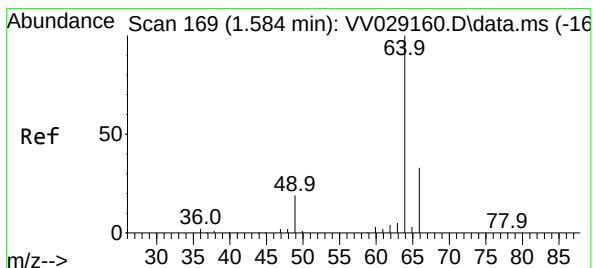
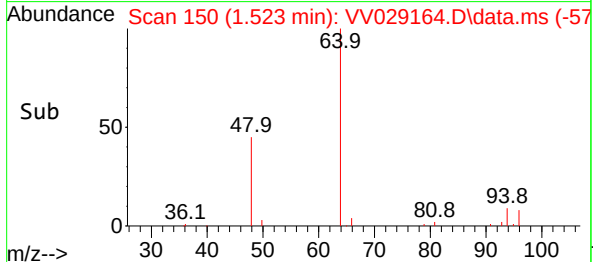
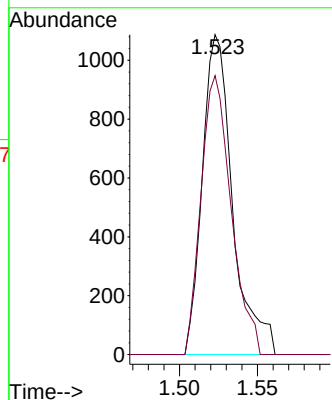
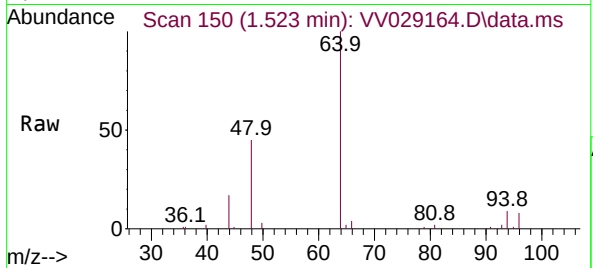




#6
Bromomethane
Concen: 0.114 ug/L
RT: 1.523 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV029164.D
Acq: 19 Nov 2022 12:33

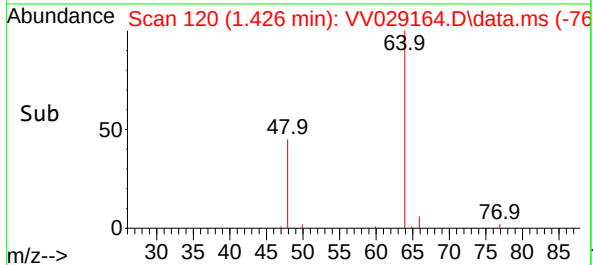
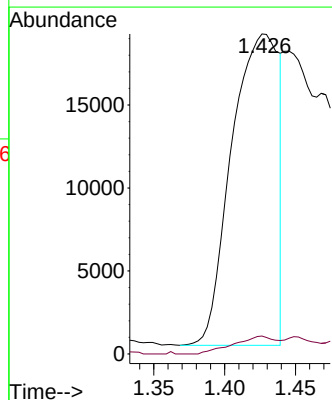
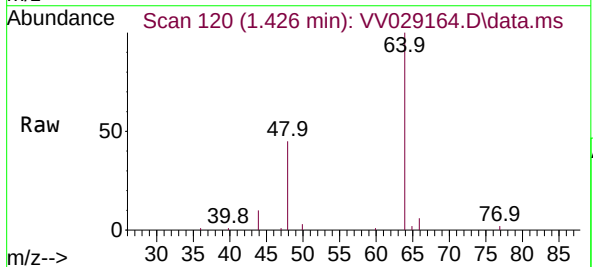
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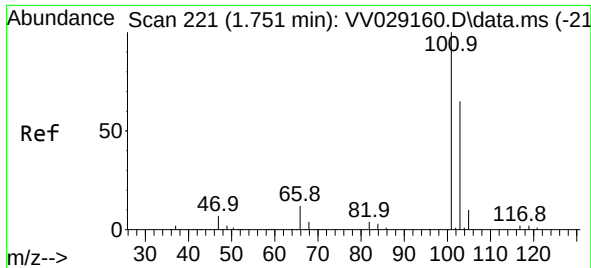
Tgt Ion: 94 Resp: 1470
Ion Ratio Lower Upper
94 100
96 87.2 68.5 127.3



#8
Chloroethane
Concen: 3.417 ug/L
RT: 1.426 min Scan# 120
Delta R.T. -0.158 min
Lab File: VV029164.D
Acq: 19 Nov 2022 12:33

Tgt Ion: 64 Resp: 43259
Ion Ratio Lower Upper
64 100
66 5.6 22.0 40.8#

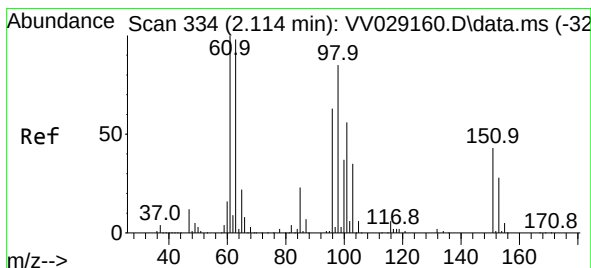
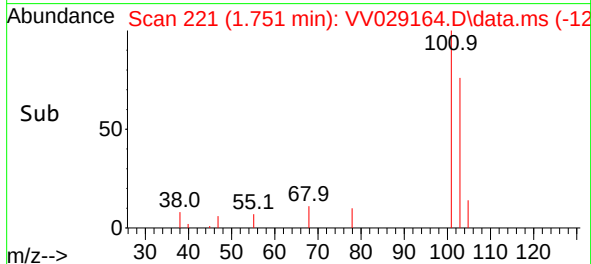
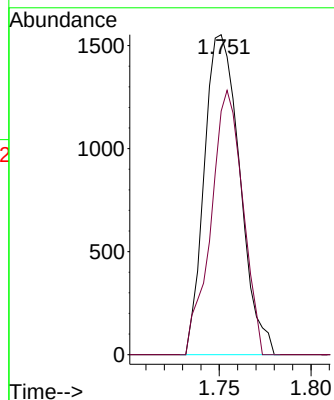
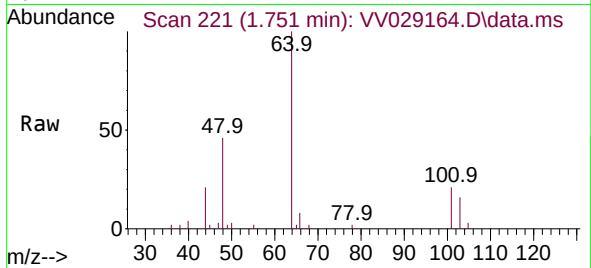




#9
 Trichlorofluoromethane
 Concen: 0.072 ug/L
 RT: 1.751 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV029164.D
 Acq: 19 Nov 2022 12:33

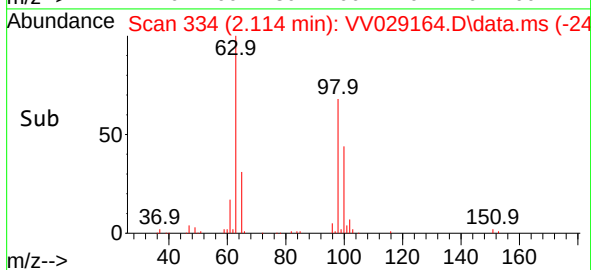
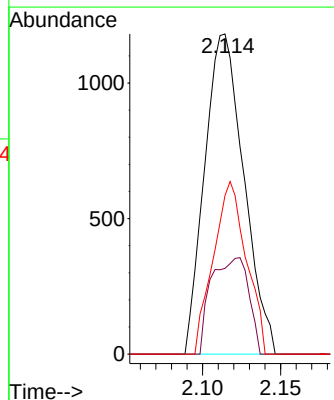
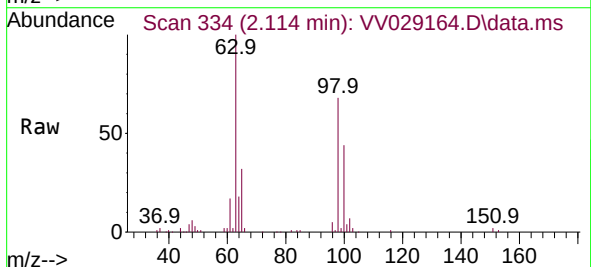
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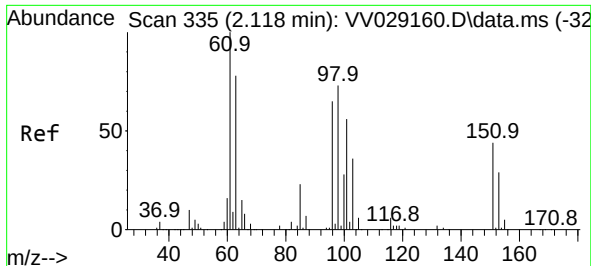
Tgt Ion:101 Resp: 2088
 Ion Ratio Lower Upper
 101 100
 103 74.3 51.3 76.9



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.125 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. -0.000 min
 Lab File: VV029164.D
 Acq: 19 Nov 2022 12:33

Tgt Ion:101 Resp: 2060
 Ion Ratio Lower Upper
 101 100
 85 28.7 32.9 49.3#
 151 45.4 62.5 93.7#





#12

1,1-Dichloroethene

Concen: 0.147 ug/L

RT: 2.118 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV029164.D

Acq: 19 Nov 2022 12:33

Instrument :

MSVOA_V

ClientSampleId :

BGCE4DL

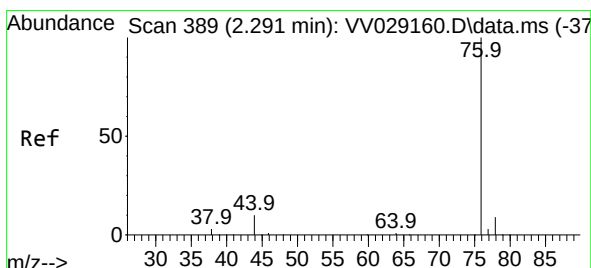
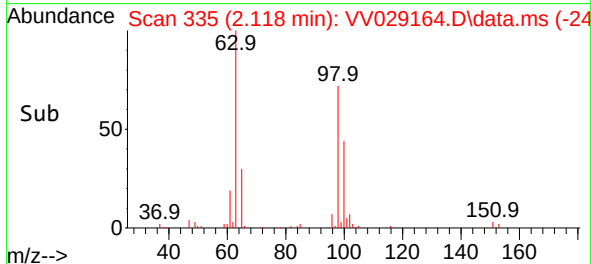
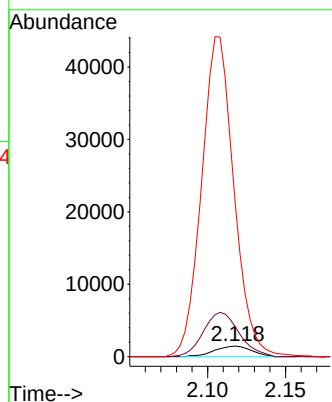
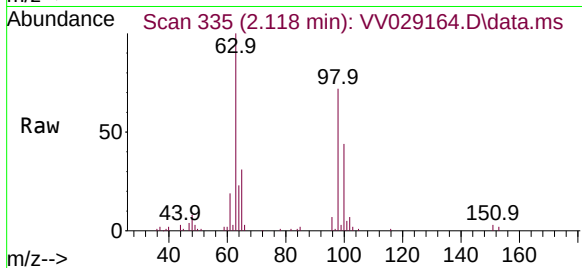
Tgt Ion: 96 Resp: 2426

Ion Ratio Lower Upper

96 100

61 285.5 104.2 193.4#

63 1466.8 75.9 140.9#



#14

Carbon disulfide

Concen: 0.072 ug/L

RT: 2.291 min Scan# 389

Delta R.T. -0.000 min

Lab File: VV029164.D

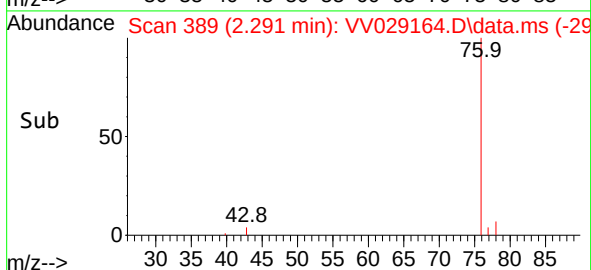
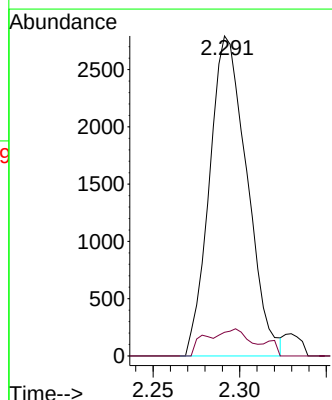
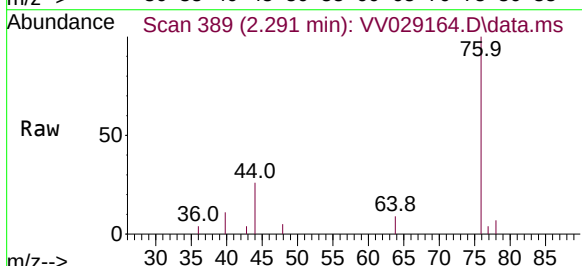
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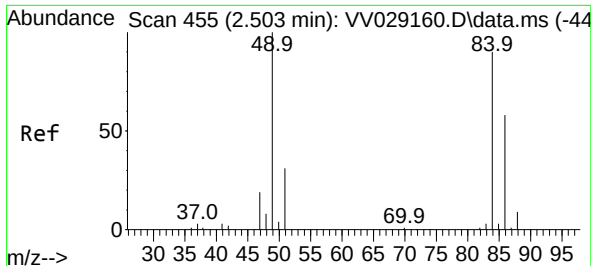
Tgt Ion: 76 Resp: 4198

Ion Ratio Lower Upper

76 100

78 7.4 7.4 11.2#

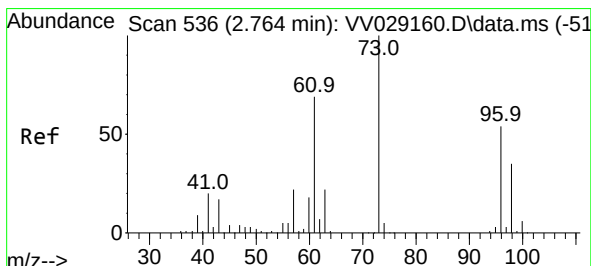
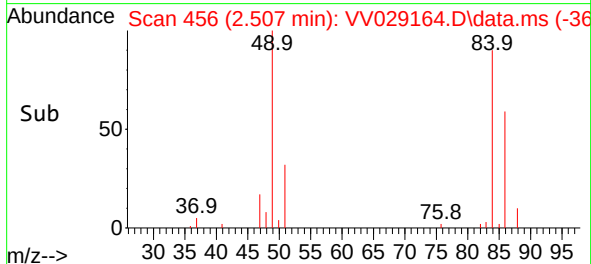
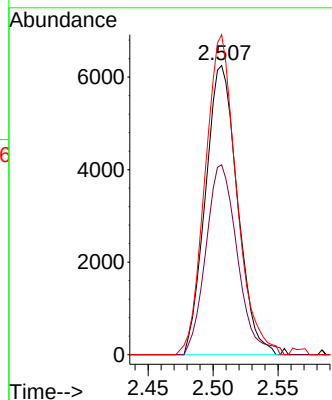
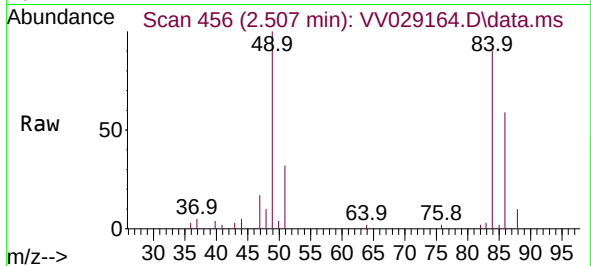




#16
Methylene chloride
Concen: 0.500 ug/L
RT: 2.507 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV029164.D
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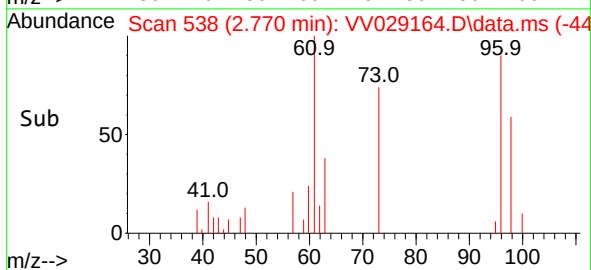
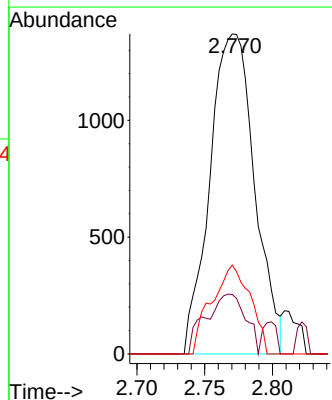
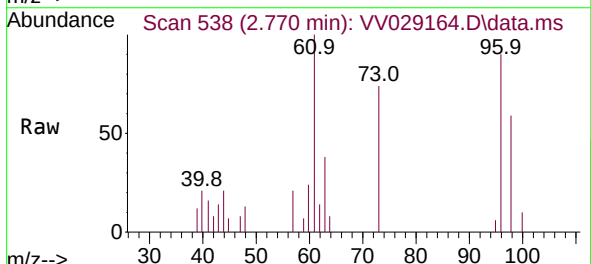
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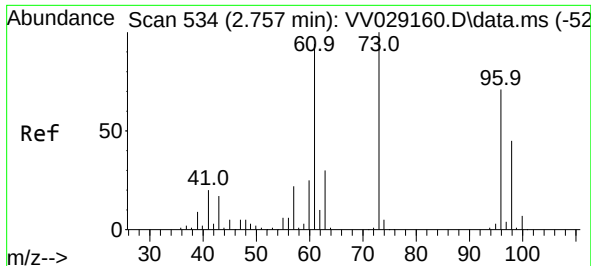
Tgt Ion: 84 Resp: 10689
Ion Ratio Lower Upper
84 100
86 65.7 45.8 85.0
49 110.6 75.5 140.1



#17
Methyl tert-butyl Ether
Concen: 0.089 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.006 min
Lab File: VV029164.D
Acq: 19 Nov 2022 12:33

Tgt Ion: 73 Resp: 3153
Ion Ratio Lower Upper
73 100
43 16.7 13.0 19.4
57 24.0 16.6 24.8

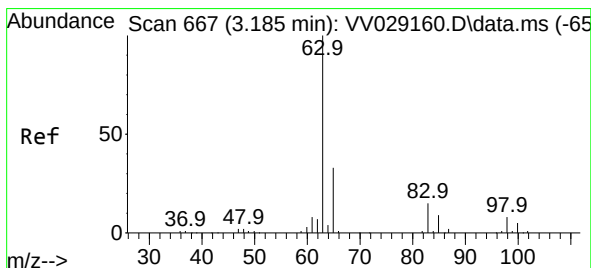
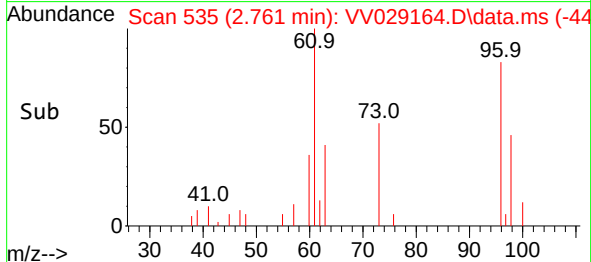
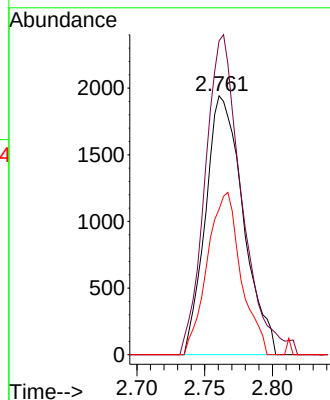
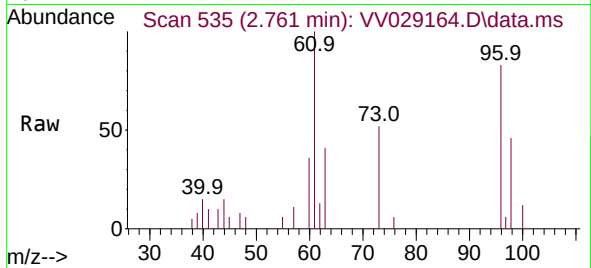




#18
trans-1,2-Dichloroethene
Concen: 0.196 ug/L
RT: 2.761 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV029164.D
Acq: 19 Nov 2022 12:33

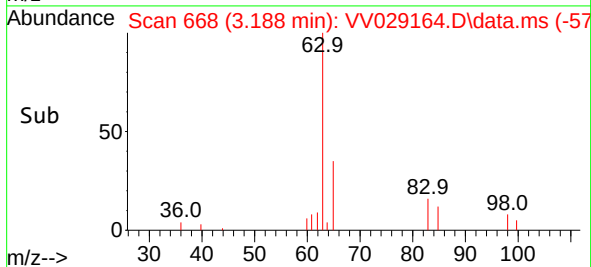
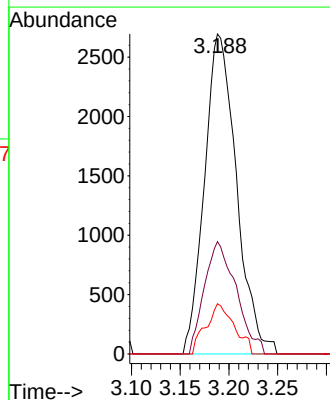
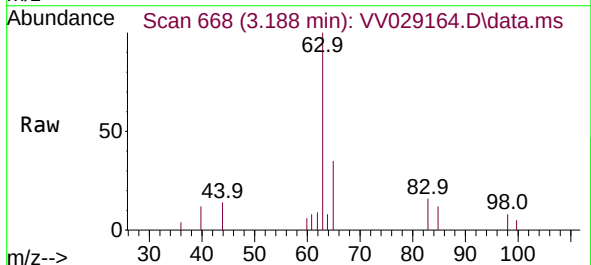
Instrument :
MSVOA_V
ClientSampleId :
BGCE4DL

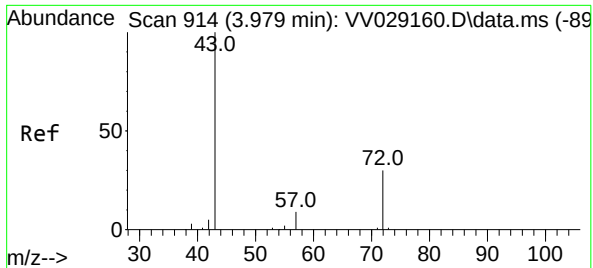
Tgt Ion: 96 Resp: 3748
Ion Ratio Lower Upper
96 100
61 121.2 91.8 170.6
98 56.2 46.4 86.2



#19
1,1-Dichloroethane
Concen: 0.196 ug/L
RT: 3.188 min Scan# 668
Delta R.T. 0.003 min
Lab File: VV029164.D
Acq: 19 Nov 2022 12:33

Tgt Ion: 63 Resp: 6151
Ion Ratio Lower Upper
63 100
65 32.5 23.0 42.6
83 14.5 9.4 17.6

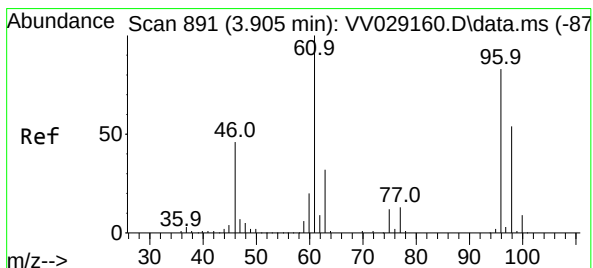
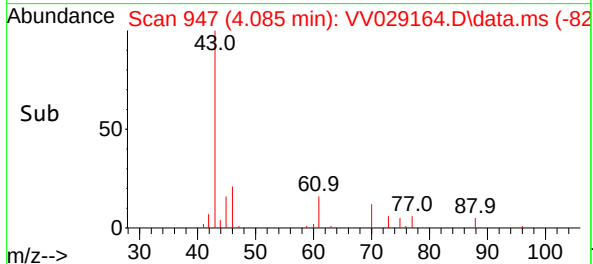
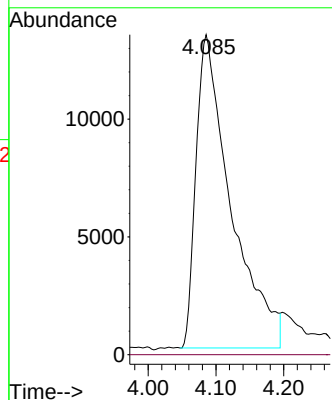
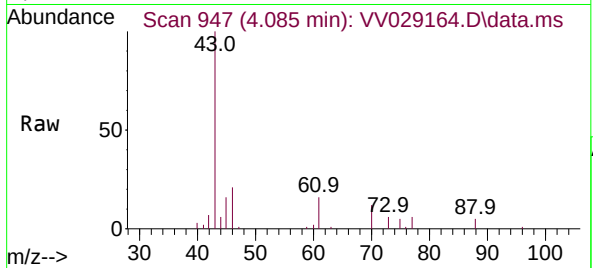




#21
2-Butanone
Concen: 17.116 ug/L
RT: 4.085 min Scan# 947
Delta R.T. 0.106 min
Lab File: VV029164.D
Acq: 19 Nov 2022 12:33

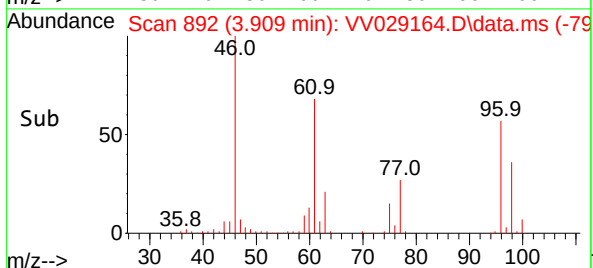
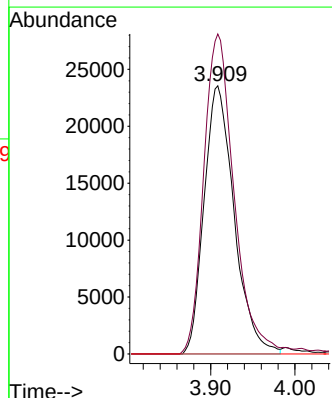
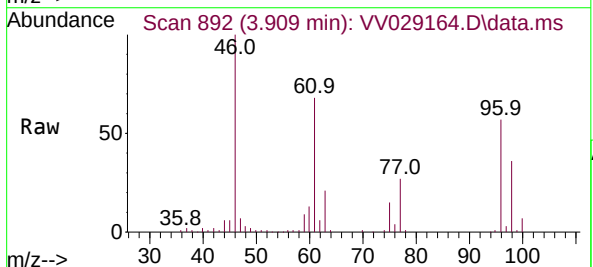
Instrument :
MSVOA_V
ClientSampleId :
BGCE4DL

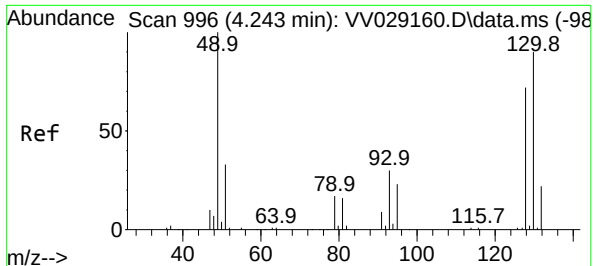
Tgt Ion: 43 Resp: 47495
Ion Ratio Lower Upper
43 100
72 0.8 11.9 35.9#



#22
cis-1,2-Dichloroethene
Concen: 3.003 ug/L
RT: 3.909 min Scan# 892
Delta R.T. 0.003 min
Lab File: VV029164.D
Acq: 19 Nov 2022 12:33

Tgt Ion: 96 Resp: 58528
Ion Ratio Lower Upper
96 100
61 119.3 82.3 152.9
68 0.0 0.0 0.0

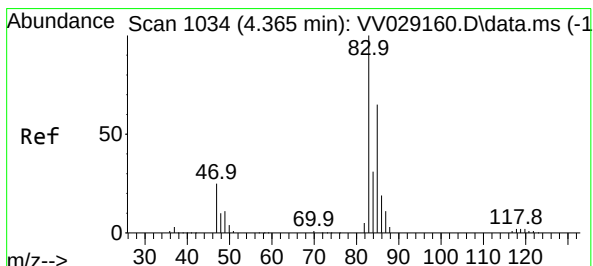
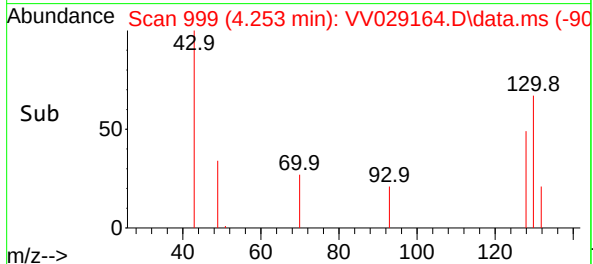
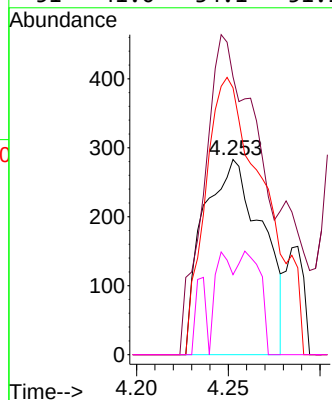
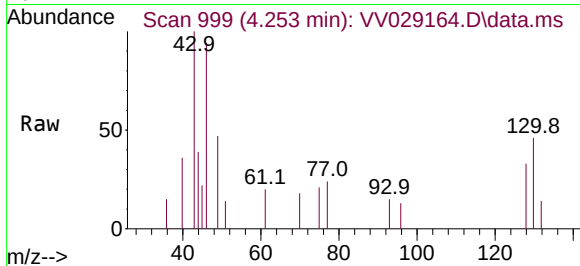




#23
Bromochloromethane
Concen: 0.077 ug/L
RT: 4.253 min Scan# 996
Delta R.T. 0.010 min
Lab File: VV029164.D
Acq: 19 Nov 2022 12:33

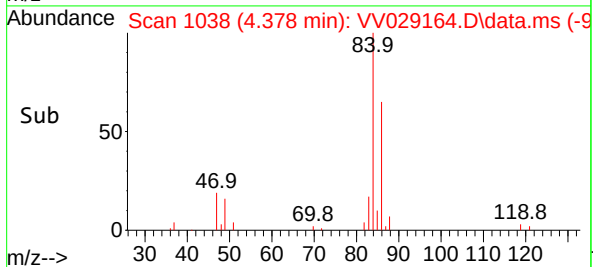
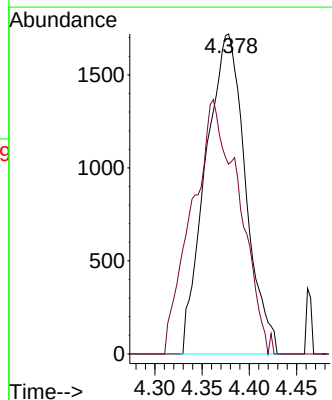
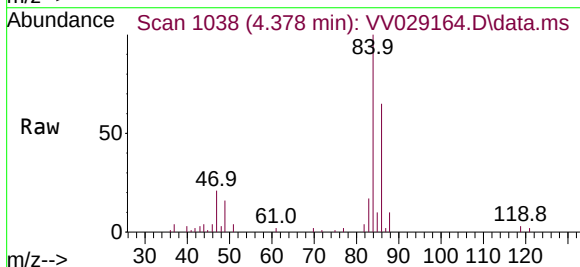
Instrument :
MSVOA_V
ClientSampleId :
BGCE4DL

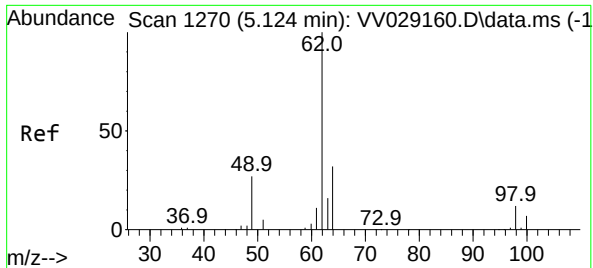
Tgt Ion:	128	Resp:	631
Ion	Ratio	Lower	Upper
128	100		
49	142.4	89.5	166.1
130	136.7	84.4	156.8
51	41.0	34.1	51.1



#25
Chloroform
Concen: 0.153 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. 0.013 min
Lab File: VV029164.D
Acq: 19 Nov 2022 12:33

Tgt Ion:	83	Resp:	5036
Ion	Ratio	Lower	Upper
83	100		
85	59.3	43.7	81.1





#27

1,2-Dichloroethane

Concen: 0.102 ug/L

RT: 5.150 min Scan# 1110

Delta R.T. 0.026 min

Lab File: VV029164.D

Acq: 19 Nov 2022 12:33

Instrument :

MSVOA_V

ClientSampleId :

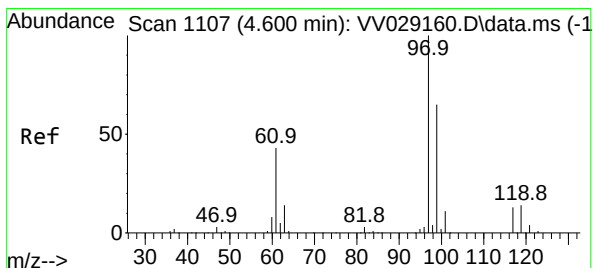
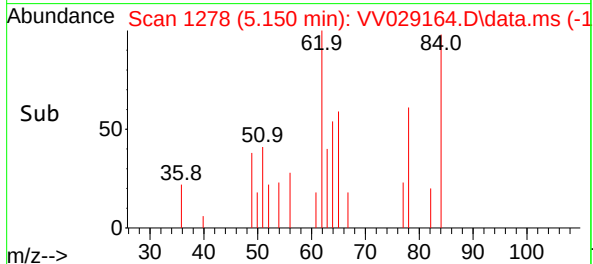
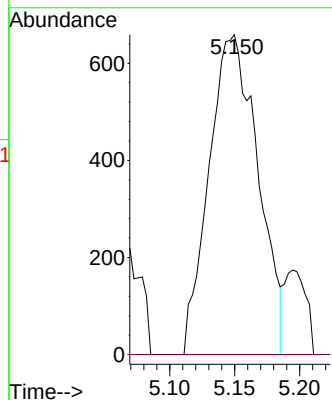
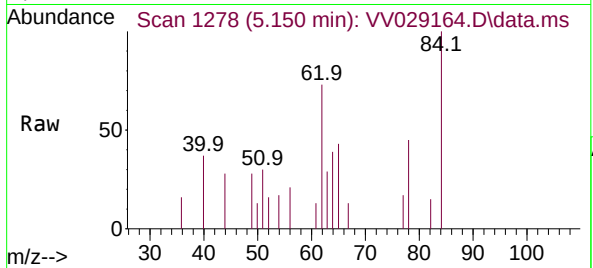
BGCE4DL

Tgt Ion: 62 Resp: 1725

Ion Ratio Lower Upper

62 100

98 0.0 9.0 13.6#



#29

1,1,1-Trichloroethane

Concen: 0.680 ug/L

RT: 4.609 min Scan# 1110

Delta R.T. 0.010 min

Lab File: VV029164.D

Acq: 19 Nov 2022 12:33

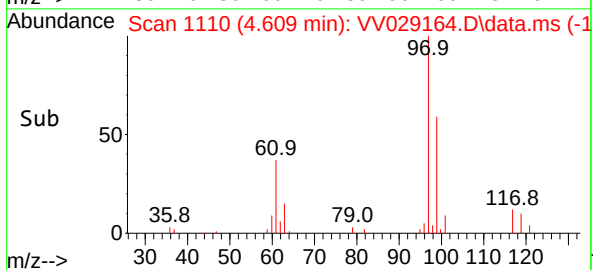
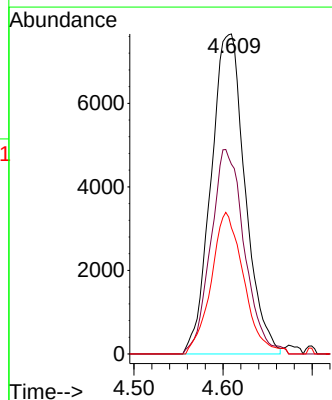
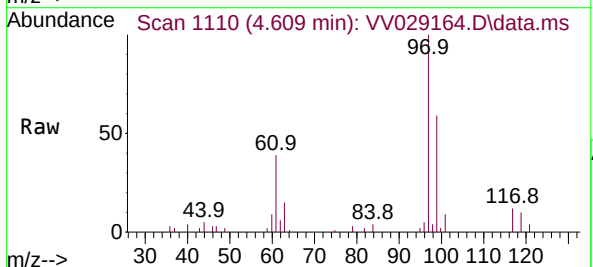
Tgt Ion: 97 Resp: 20353

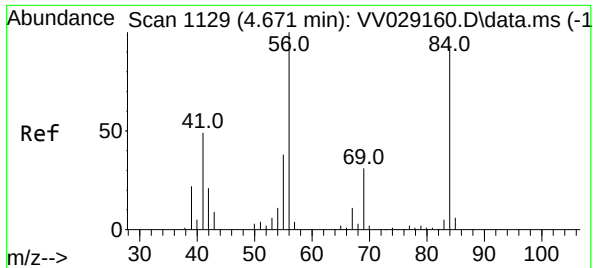
Ion Ratio Lower Upper

97 100

99 63.1 52.7 79.1

61 42.3 33.8 50.6

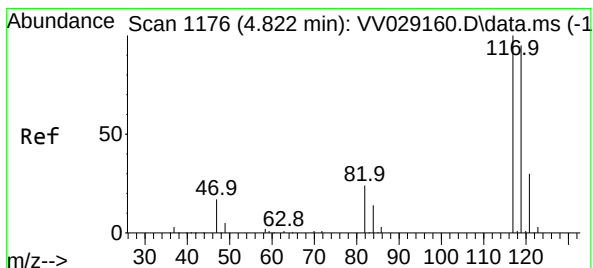
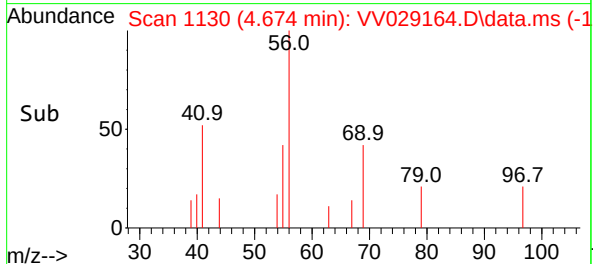
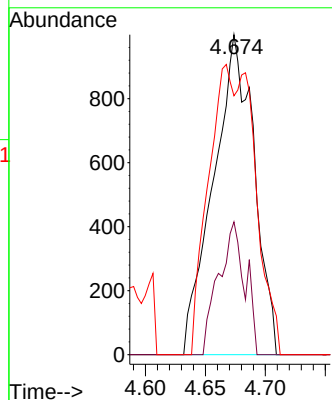
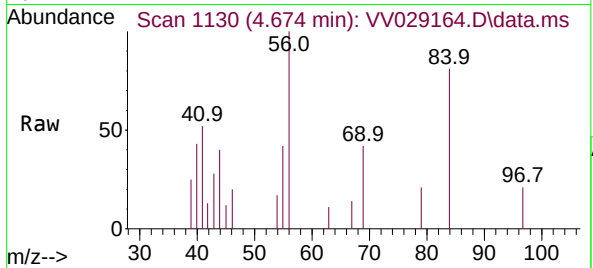




#30
Cyclohexane
Concen: 0.077 ug/L
RT: 4.674 min Scan# 1129
Delta R.T. 0.003 min
Lab File: VV029164.D
Acq: 19 Nov 2022 12:33

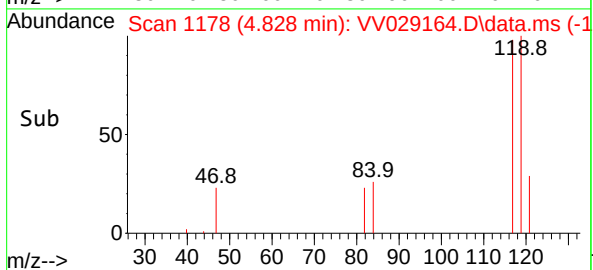
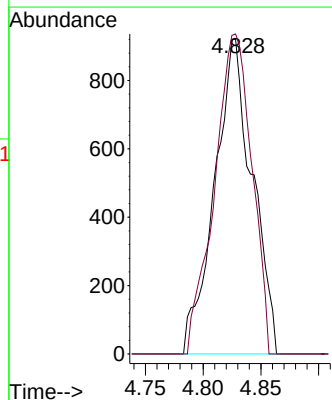
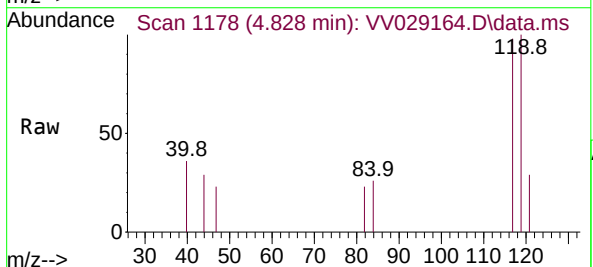
Instrument :
MSVOA_V
ClientSampleId :
BGCE4DL

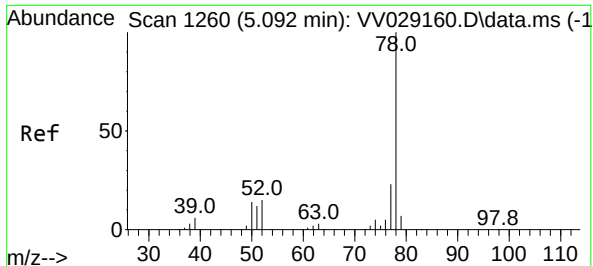
Tgt Ion: 56 Resp: 2353
Ion Ratio Lower Upper
56 100
69 26.9 26.1 39.1
84 57.4 77.9 116.9#



#31
Carbon tetrachloride
Concen: 0.081 ug/L
RT: 4.828 min Scan# 1178
Delta R.T. 0.006 min
Lab File: VV029164.D
Acq: 19 Nov 2022 12:33

Tgt Ion: 117 Resp: 2092
Ion Ratio Lower Upper
117 100
119 100.8 77.0 115.6

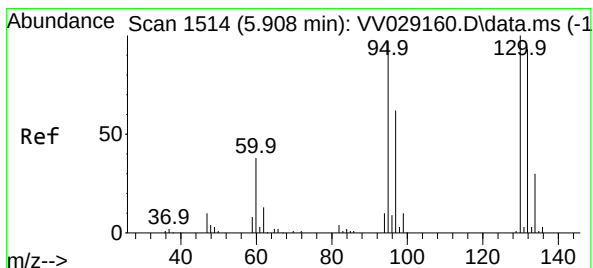
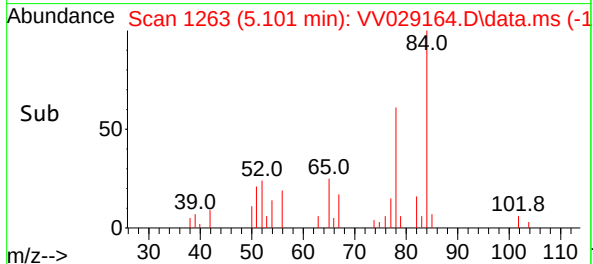
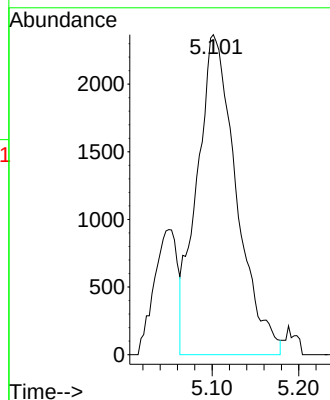
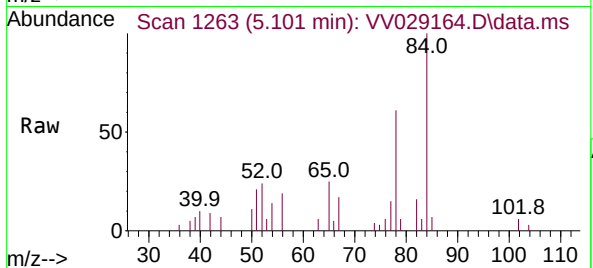




#33
Benzene
Concen: 0.096 ug/L
RT: 5.101 min Scan# 11
Delta R.T. 0.010 min
Lab File: VV029164.D
Acq: 19 Nov 2022 12:33

Instrument :
MSVOA_V
ClientSampleId :
BGCE4DL

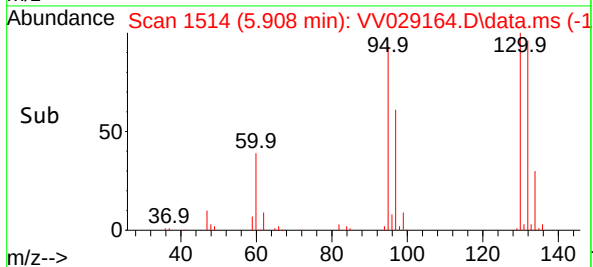
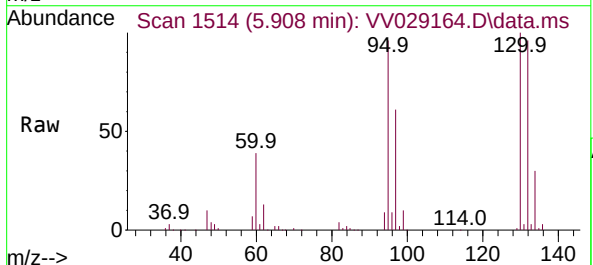
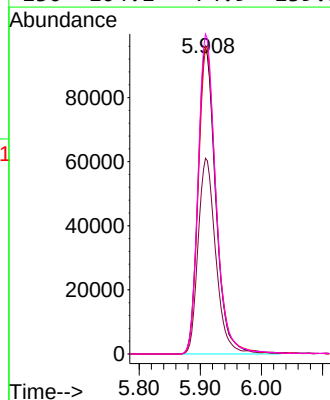
Tgt Ion: 78 Resp: 7474

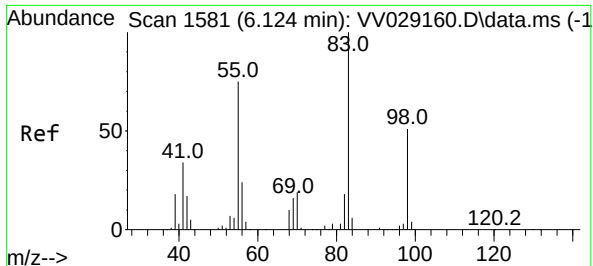


#34
Trichloroethene
Concen: 9.685 ug/L
RT: 5.908 min Scan# 1514
Delta R.T. -0.000 min
Lab File: VV029164.D
Acq: 19 Nov 2022 12:33

Tgt Ion: 95 Resp: 193163

Ion	Ratio	Lower	Upper
95	100		
97	63.7	45.6	84.8
132	100.0	69.1	128.3
130	104.1	74.9	139.1





#35

Methylcyclohexane

Concen: 0.076 ug/L

RT: 6.124 min Scan# 11

Delta R.T. -0.000 min

Lab File: VV029164.D

Acq: 19 Nov 2022 12:33

Instrument :

MSVOA_V

ClientSampleId :

BGCE4DL

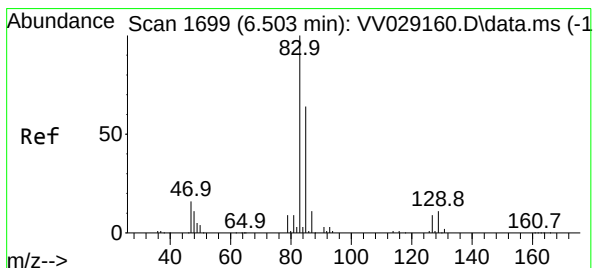
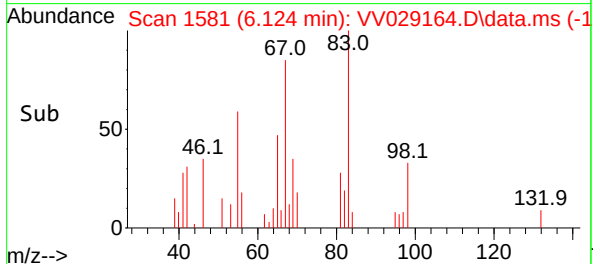
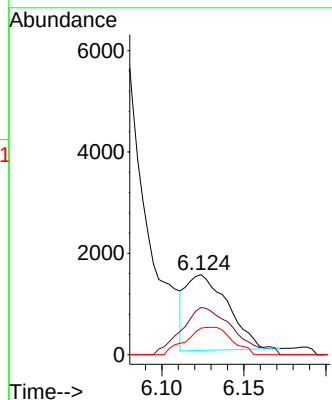
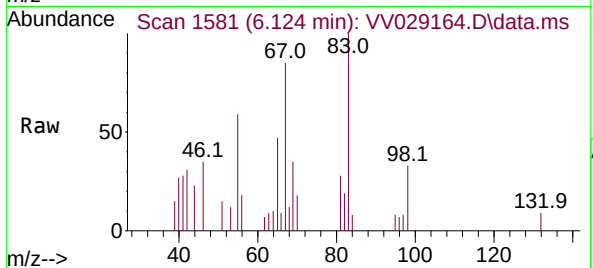
Tgt Ion: 83 Resp: 2648

Ion Ratio Lower Upper

83 100

55 77.1 55.8 83.6

98 38.9 38.2 57.2



#38

Bromodichloromethane

Concen: 0.076 ug/L

RT: 6.510 min Scan# 1701

Delta R.T. 0.006 min

Lab File: VV029164.D

Acq: 19 Nov 2022 12:33

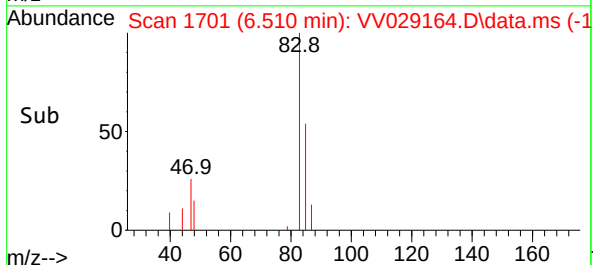
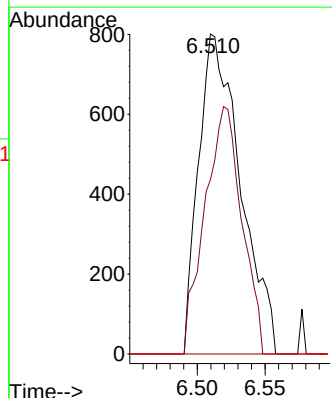
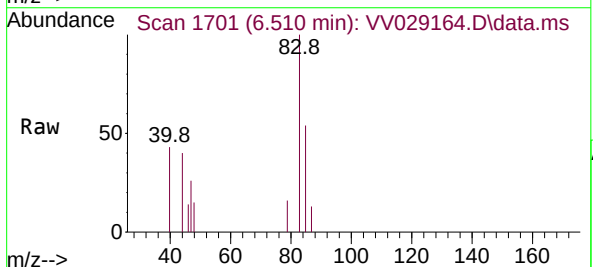
Tgt Ion: 83 Resp: 1724

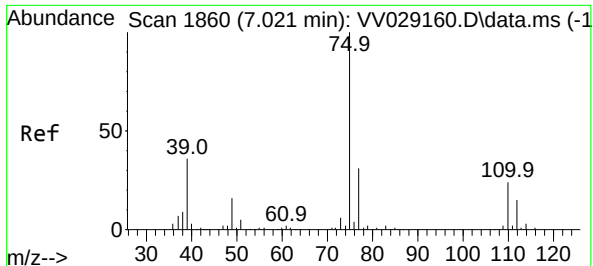
Ion Ratio Lower Upper

83 100

85 54.4 46.1 85.5

127 0.0 6.7 10.1





#39

cis-1,3-Dichloropropene

Concen: 0.083 ug/L

RT: 7.050 min Scan# 11

Delta R.T. 0.029 min

Lab File: VV029164.D

Acq: 19 Nov 2022 12:33

Instrument :

MSVOA_V

ClientSampleId :

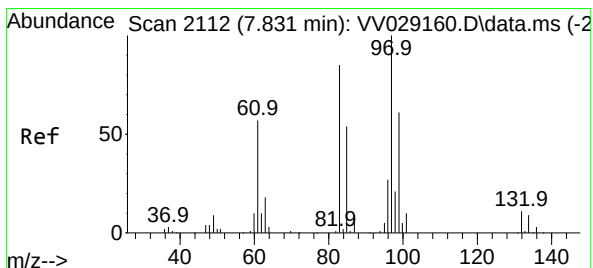
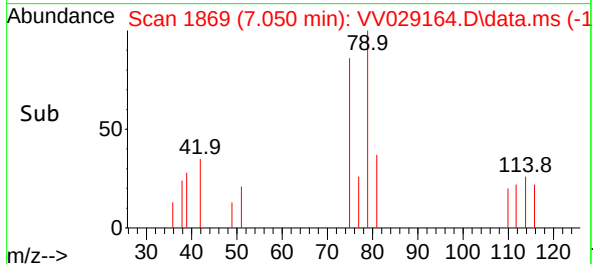
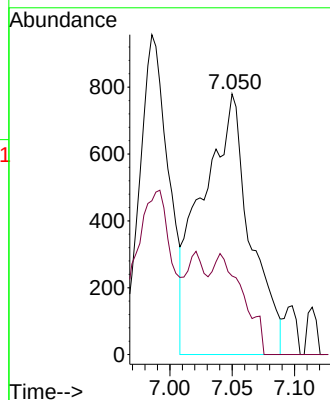
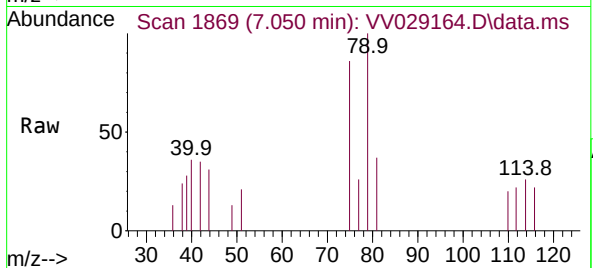
BGCE4DL

Tgt Ion: 75 Resp: 2086

Ion Ratio Lower Upper

75 100

77 30.1 21.8 40.6



#45

1,1,2-Trichloroethane

Concen: 0.085 ug/L

RT: 7.844 min Scan# 2116

Delta R.T. 0.013 min

Lab File: VV029164.D

Acq: 19 Nov 2022 12:33

Tgt Ion: 97 Resp: 1005

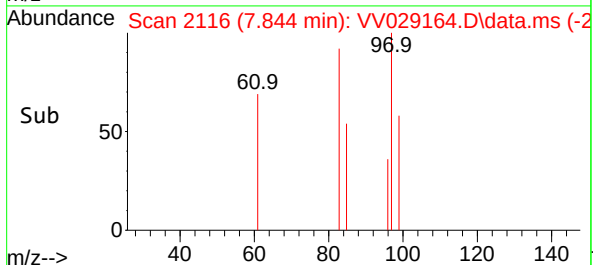
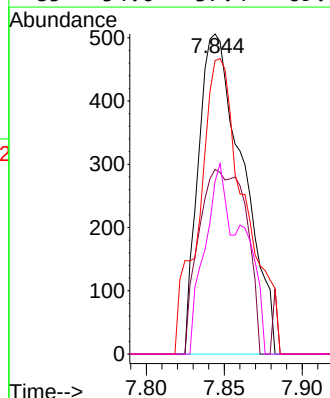
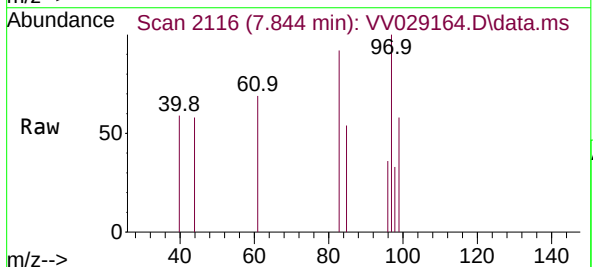
Ion Ratio Lower Upper

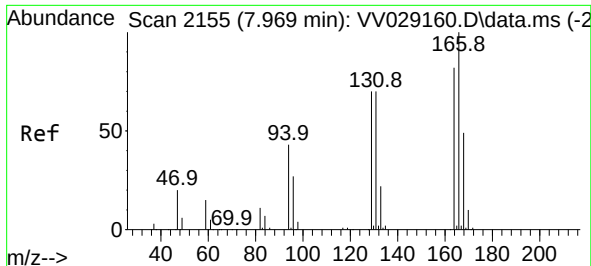
97 100

99 57.7 41.5 77.1

83 91.7 60.0 111.4

85 54.0 37.4 69.4



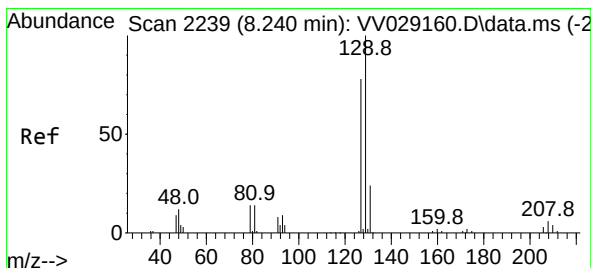
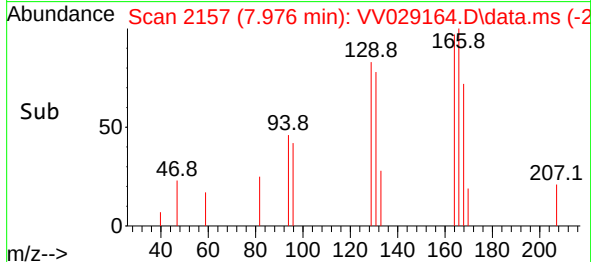
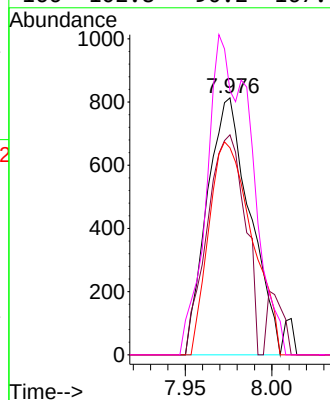
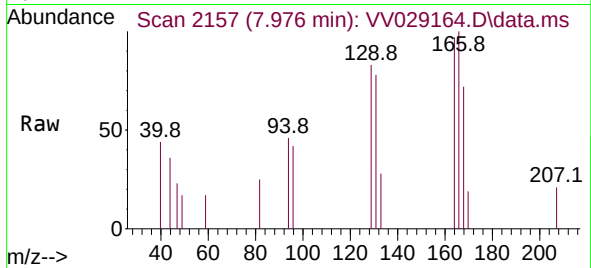


#47
Tetrachloroethene
Concen: 0.088 ug/L
RT: 7.976 min Scan# 2155
Delta R.T. 0.006 min
Lab File: VV029164.D
Acq: 19 Nov 2022 12:33

Instrument :
MSVOA_V
ClientSampleId :
BGCE4DL

Tgt Ion:164 Resp: 1402

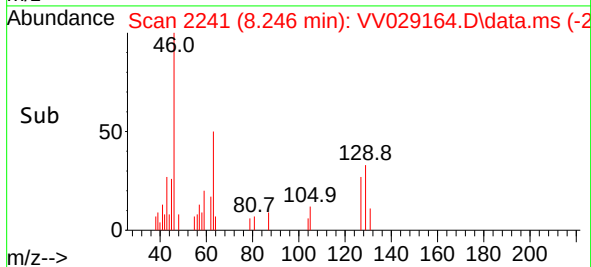
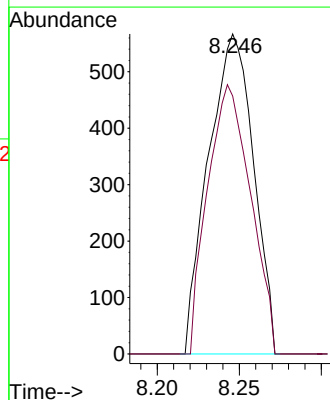
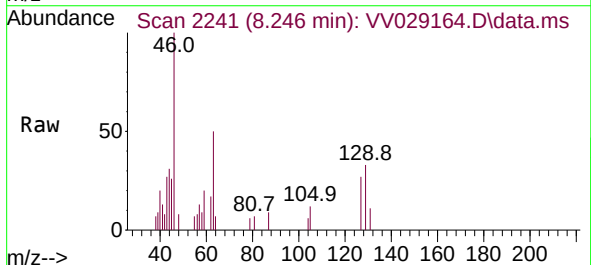
Ion	Ratio	Lower	Upper
164	100		
129	85.6	63.9	118.7
131	80.6	61.8	114.8
166	102.8	90.2	167.4

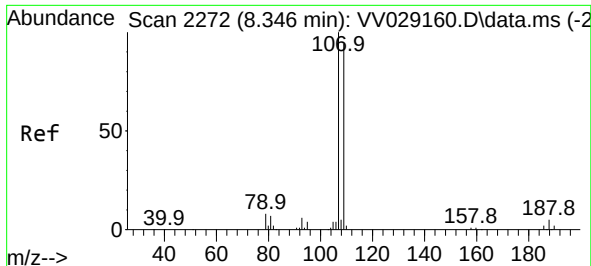


#49
Dibromochloromethane
Concen: 0.076 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.006 min
Lab File: VV029164.D
Acq: 19 Nov 2022 12:33

Tgt Ion:129 Resp: 1084

Ion	Ratio	Lower	Upper
129	100		
127	80.6	54.5	101.1





#50

1,2-Dibromoethane

Concen: 0.085 ug/L

RT: 8.358 min Scan# 21

Delta R.T. 0.013 min

Lab File: VV029164.D

Acq: 19 Nov 2022 12:33

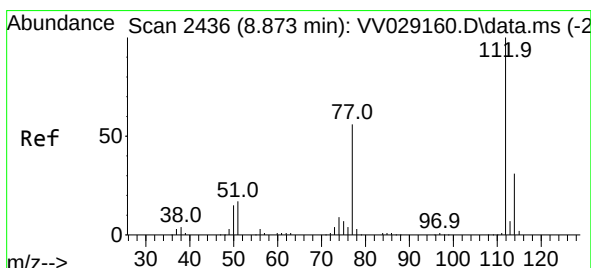
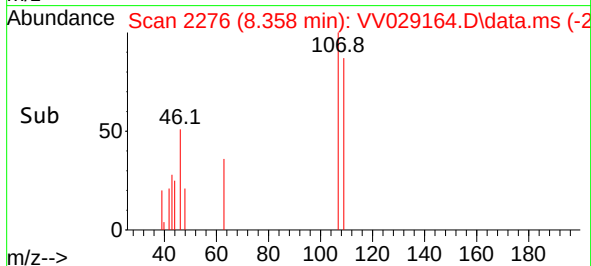
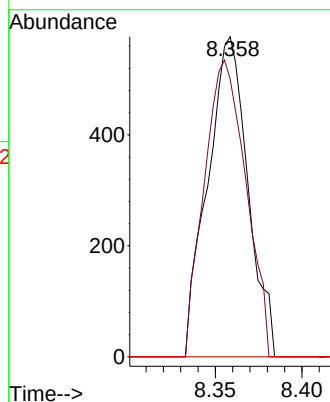
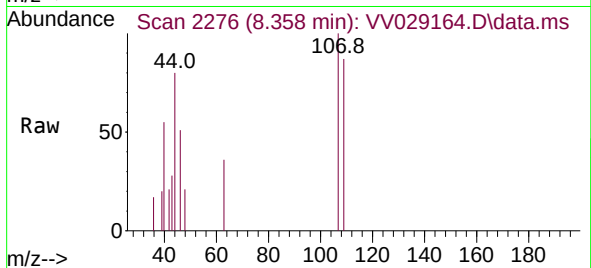
Instrument :

MSVOA_V

ClientSampleId :

BGCE4DL

Tgt Ion:	107	Resp:	930
Ion	Ratio	Lower	Upper
107	100		
109	86.8	64.4	119.6
188	0.0	2.9	4.3#



#51

Chlorobenzene

Concen: 0.086 ug/L

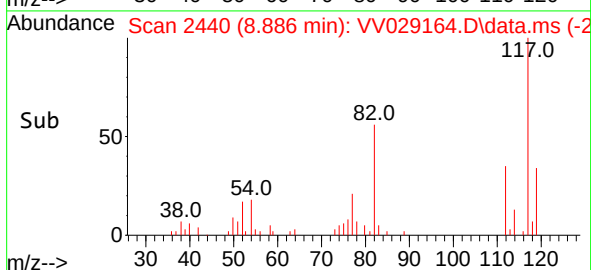
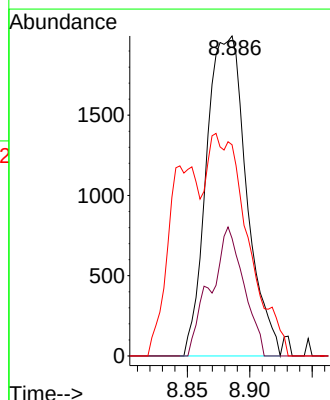
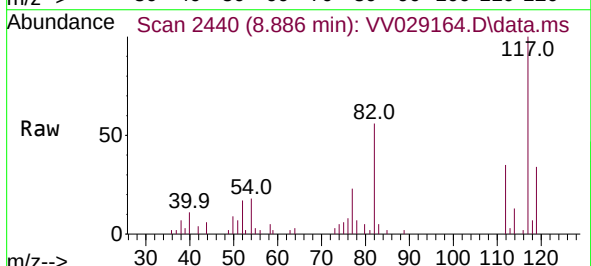
RT: 8.886 min Scan# 2440

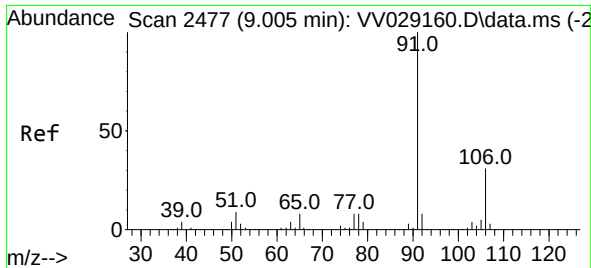
Delta R.T. 0.013 min

Lab File: VV029164.D

Acq: 19 Nov 2022 12:33

Tgt Ion:	112	Resp:	4459
Ion	Ratio	Lower	Upper
112	100		
114	36.8	22.4	41.6
77	66.0	44.4	66.6

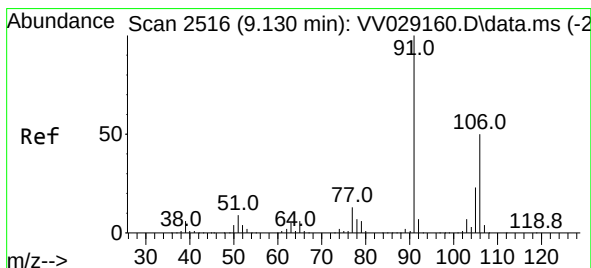
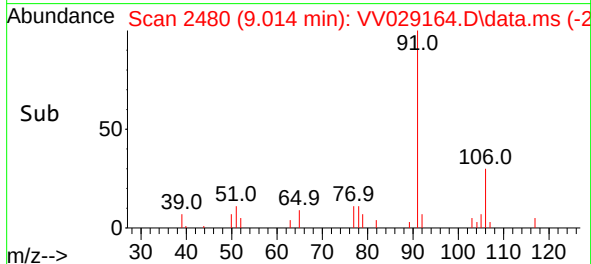
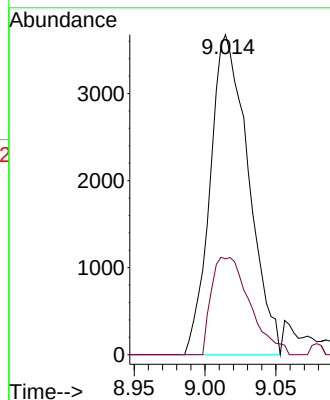
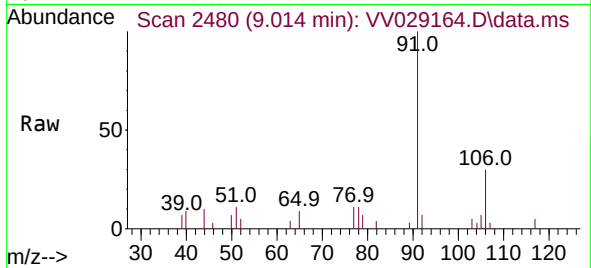




#52
Ethylbenzene
Concen: 0.079 ug/L
RT: 9.014 min Scan# 2477
Delta R.T. 0.010 min
Lab File: VV029164.D
Acq: 19 Nov 2022 12:33

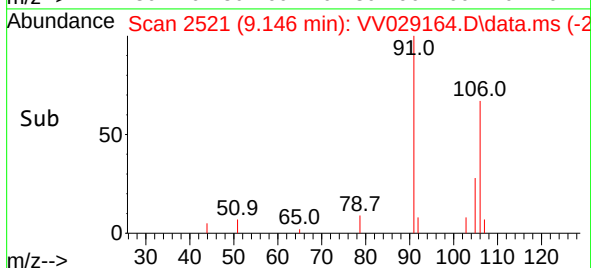
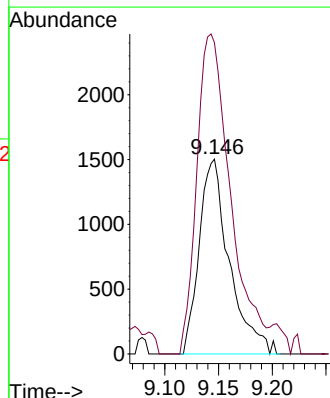
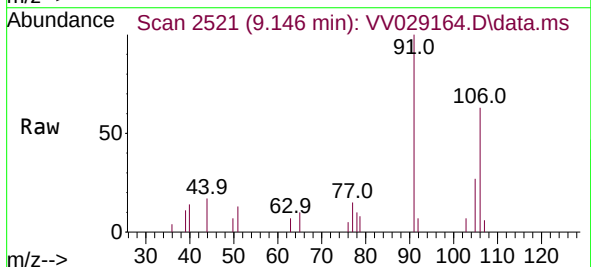
Instrument :
MSVOA_V
ClientSampleId :
BGCE4DL

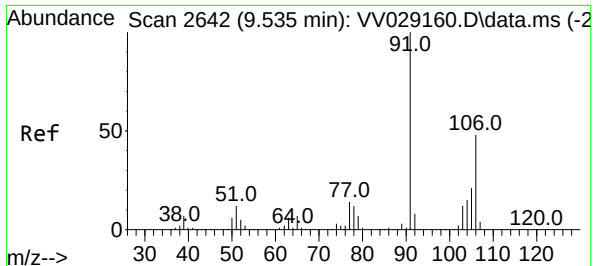
Tgt Ion: 91 Resp: 6907
Ion Ratio Lower Upper
91 100
106 30.0 21.6 40.2



#53
m,p-Xylene
Concen: 0.084 ug/L
RT: 9.146 min Scan# 2521
Delta R.T. 0.016 min
Lab File: VV029164.D
Acq: 19 Nov 2022 12:33

Tgt Ion: 106 Resp: 2936
Ion Ratio Lower Upper
106 100
91 159.7 139.1 258.3

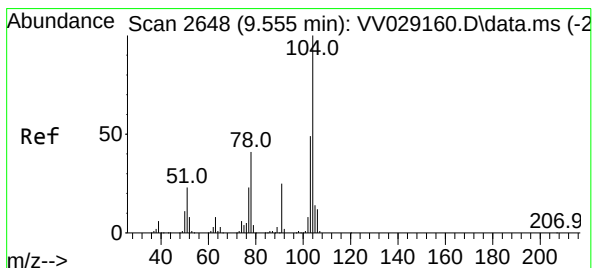
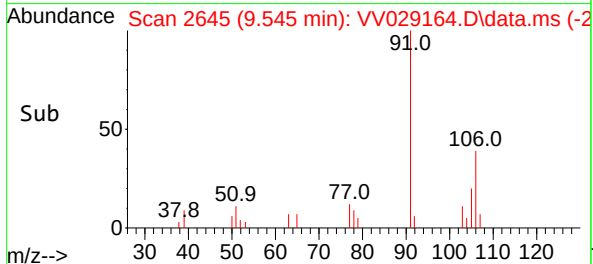
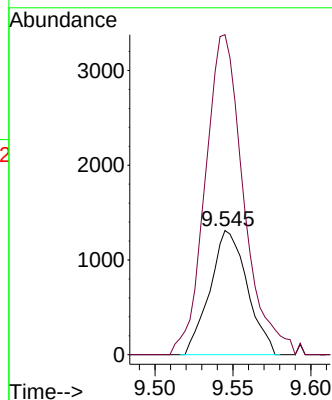
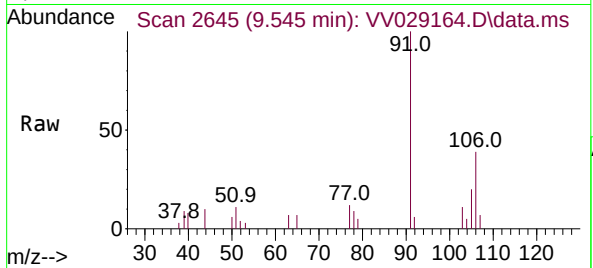




#54
o-Xylene
Concen: 0.066 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.010 min
Lab File: VV029164.D
Acq: 19 Nov 2022 12:33

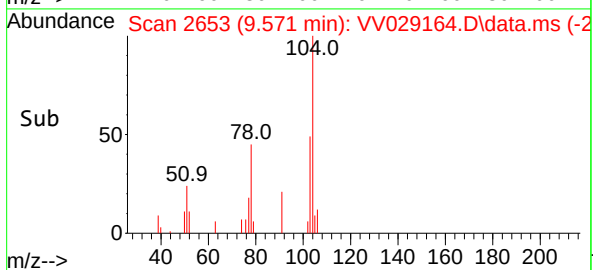
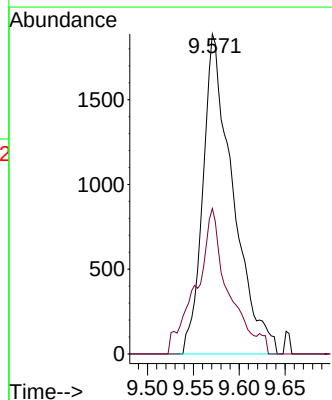
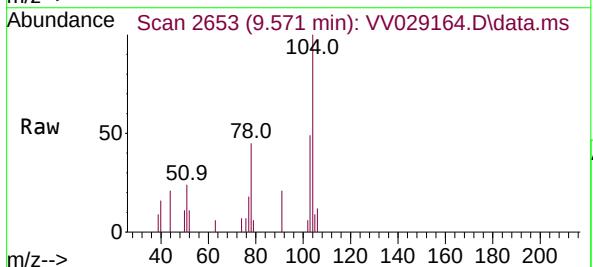
Instrument :
MSVOA_V
ClientSampleId :
BGCE4DL

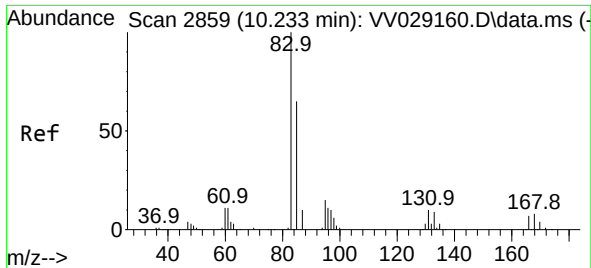
Tgt Ion:106 Resp: 2182
Ion Ratio Lower Upper
106 100
91 257.7 145.7 270.7



#55
Styrene
Concen: 0.077 ug/L
RT: 9.571 min Scan# 2653
Delta R.T. 0.016 min
Lab File: VV029164.D
Acq: 19 Nov 2022 12:33

Tgt Ion:104 Resp: 4286
Ion Ratio Lower Upper
104 100
78 45.4 30.1 55.9





#57

1,1,2,2-Tetrachloroethane

Concen: 0.120 ug/L

RT: 10.236 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV029164.D

Acq: 19 Nov 2022 12:33

Instrument :

MSVOA_V

ClientSampleId :

BGCE4DL

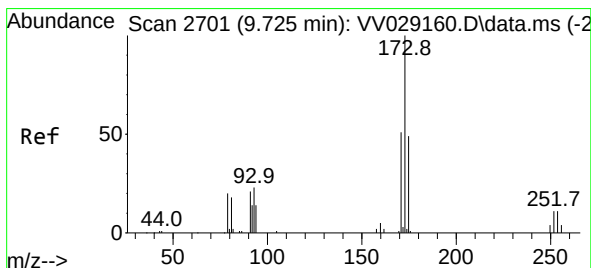
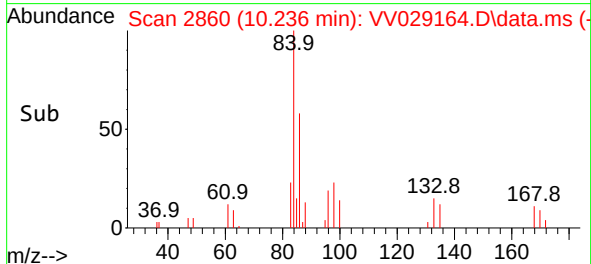
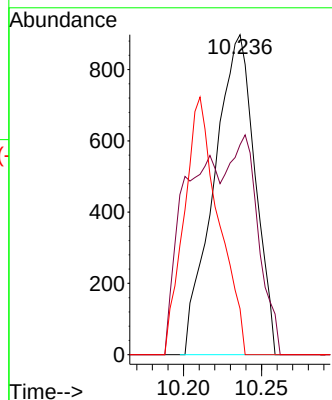
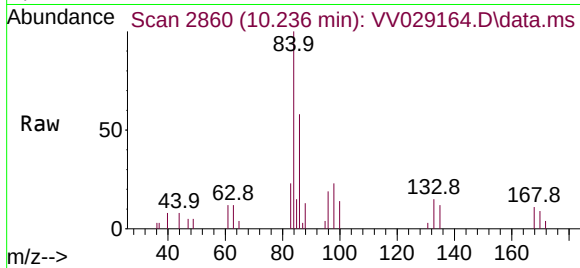
Tgt Ion: 83 Resp: 1642

Ion Ratio Lower Upper

83 100

85 65.6 45.2 84.0

131 14.4 7.5 11.3#



#59

Bromoform

Concen: 0.069 ug/L

RT: 9.735 min Scan# 2704

Delta R.T. 0.010 min

Lab File: VV029164.D

Acq: 19 Nov 2022 12:33

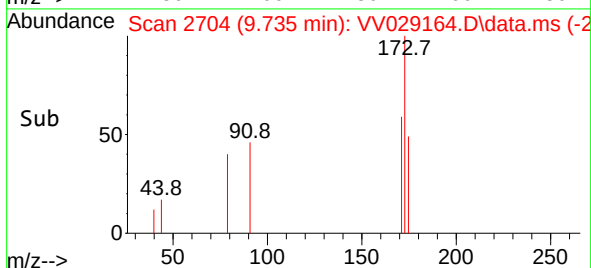
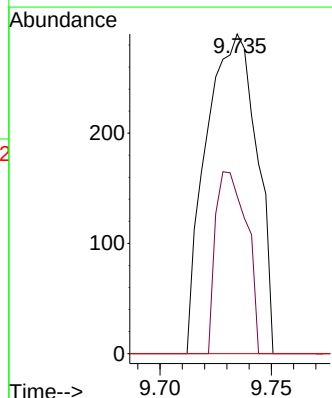
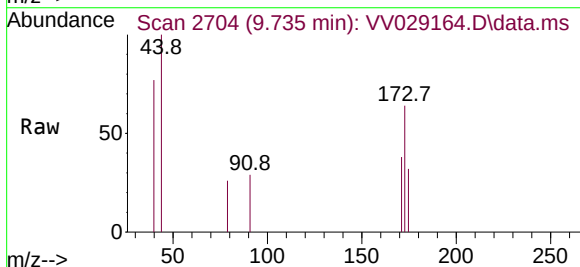
Tgt Ion: 173 Resp: 458

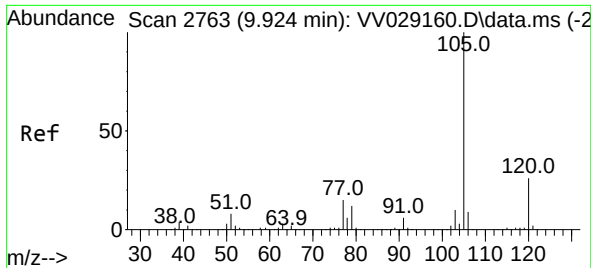
Ion Ratio Lower Upper

173 100

175 34.9 38.2 57.4#

254 0.0 8.5 12.7#

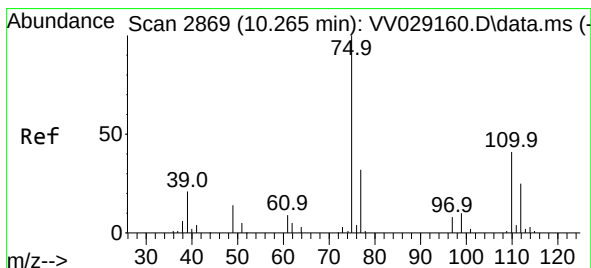
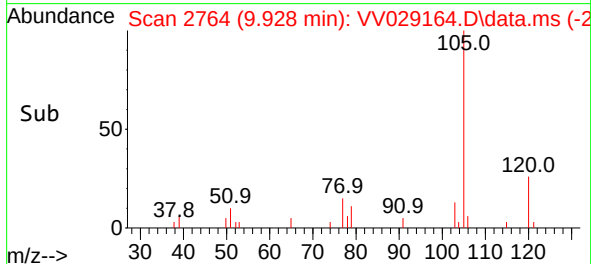
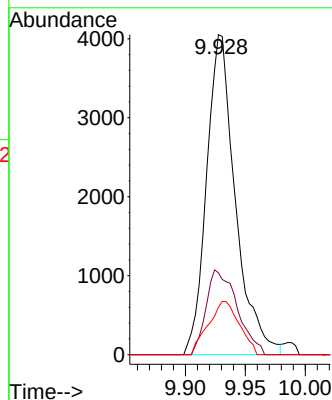
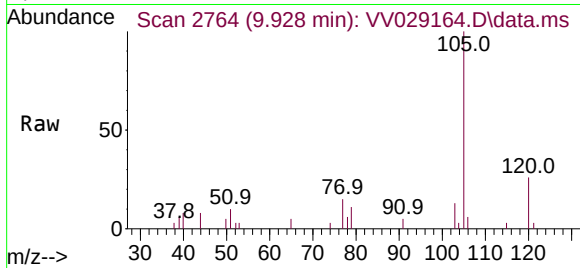




#60
Isopropylbenzene
Concen: 0.086 ug/L
RT: 9.928 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV029164.D
Acq: 19 Nov 2022 12:33

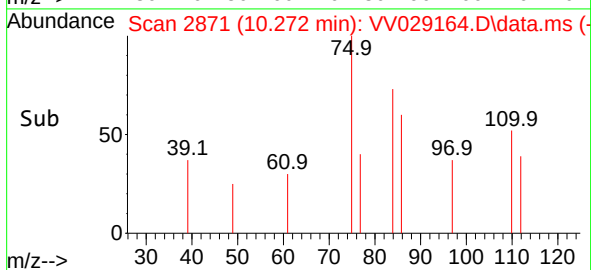
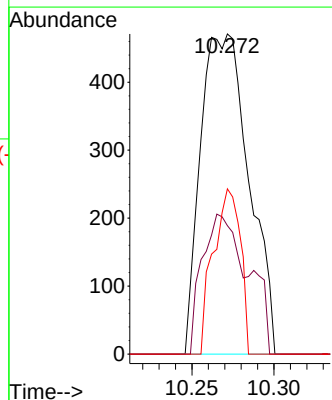
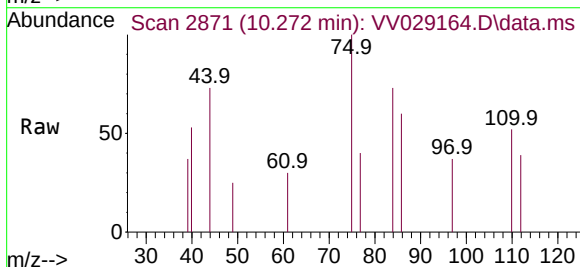
Instrument :
MSVOA_V
ClientSampleId :
BGCE4DL

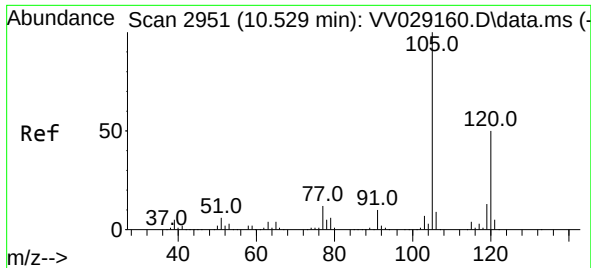
Tgt Ion:105 Resp: 6773
Ion Ratio Lower Upper
105 100
120 28.5 21.3 31.9
77 17.9 11.8 17.8#



#61
1,2,3-Trichloropropane
Concen: 0.117 ug/L
RT: 10.272 min Scan# 2871
Delta R.T. 0.006 min
Lab File: VV029164.D
Acq: 19 Nov 2022 12:33

Tgt Ion: 75 Resp: 965
Ion Ratio Lower Upper
75 100
77 34.3 26.2 39.2
110 28.8 32.6 48.8#

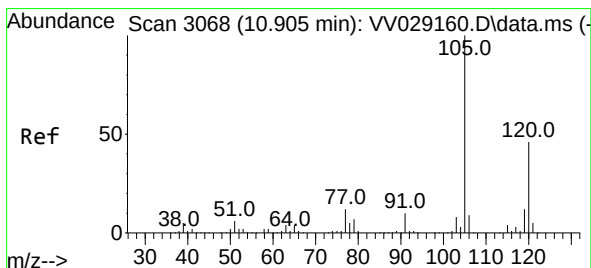
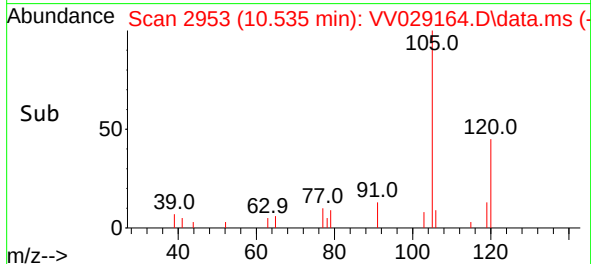
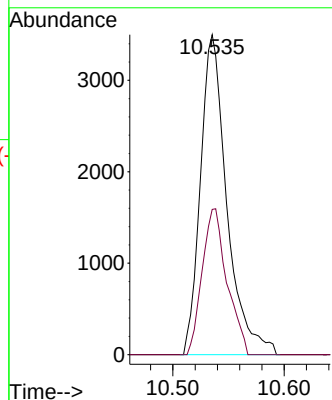
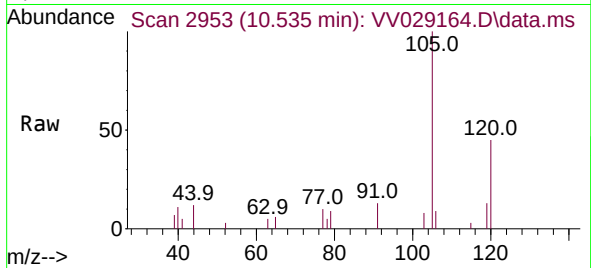




#62
1,3,5-Trimethylbenzene
Concen: 0.087 ug/L
RT: 10.535 min Scan# 2951
Delta R.T. 0.006 min
Lab File: VV029164.D
Acq: 19 Nov 2022 12:33

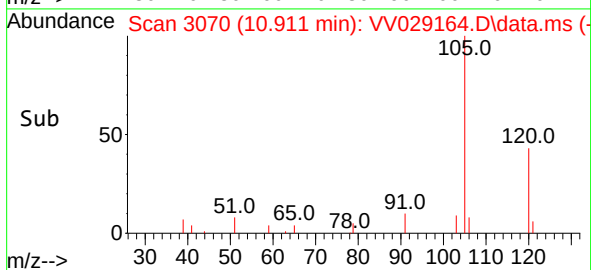
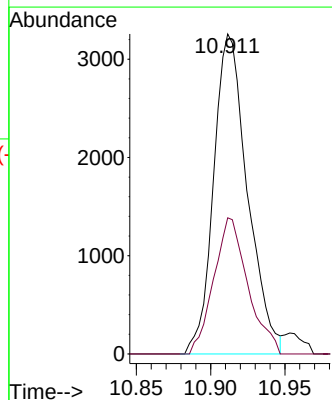
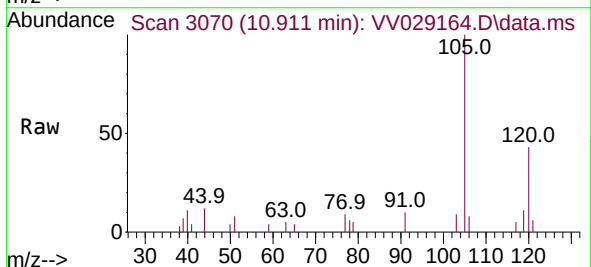
Instrument :
MSVOA_V
ClientSampleId :
BGCE4DL

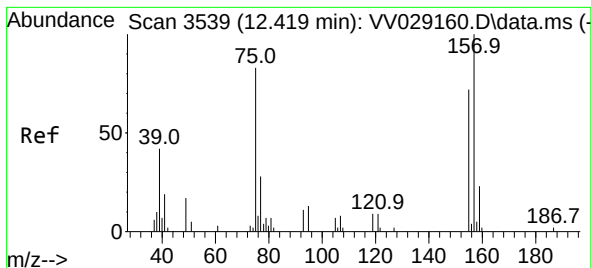
Tgt Ion:105 Resp: 5765
Ion Ratio Lower Upper
105 100
120 42.9 39.9 59.9



#63
1,2,4-Trimethylbenzene
Concen: 0.077 ug/L
RT: 10.911 min Scan# 3070
Delta R.T. 0.006 min
Lab File: VV029164.D
Acq: 19 Nov 2022 12:33

Tgt Ion:105 Resp: 5160
Ion Ratio Lower Upper
105 100
120 42.9 37.8 56.8

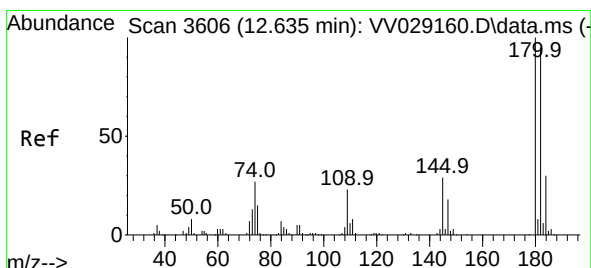
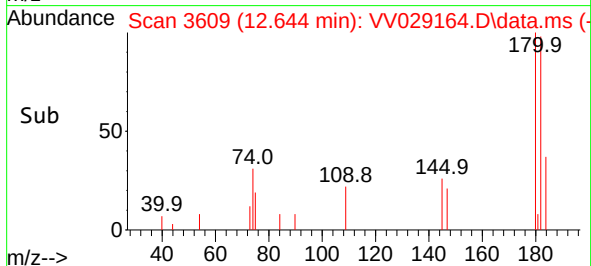
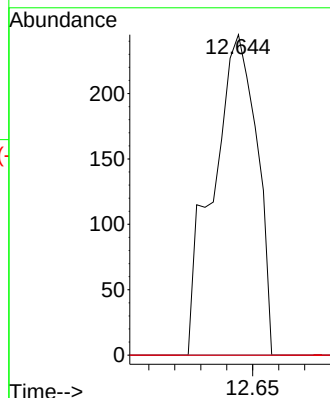
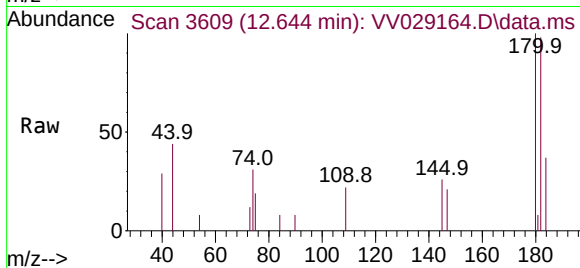




#68
1,2-Dibromo-3-chloropropane
Concen: 0.177 ug/L
RT: 12.644 min Scan# 30
Delta R.T. 0.225 min
Lab File: VV029164.D
Acq: 19 Nov 2022 12:33

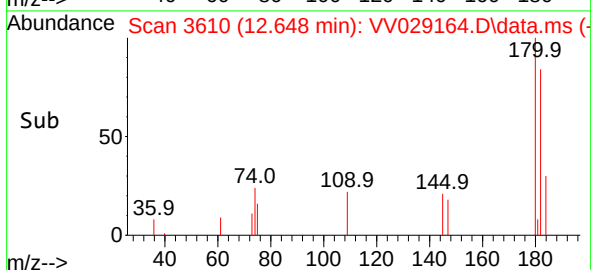
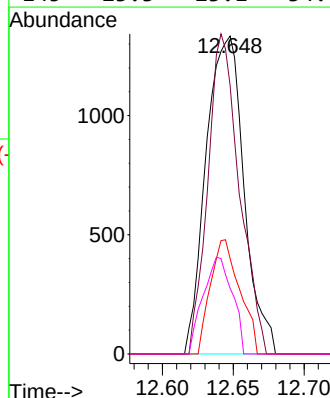
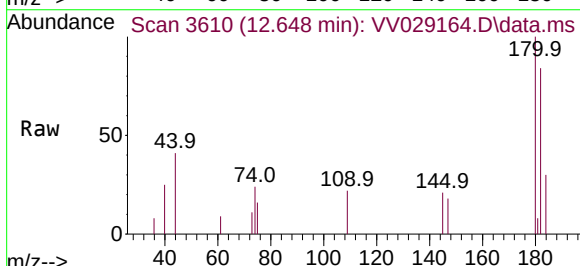
Instrument :
MSVOA_V
ClientSampleId :
BGCE4DL

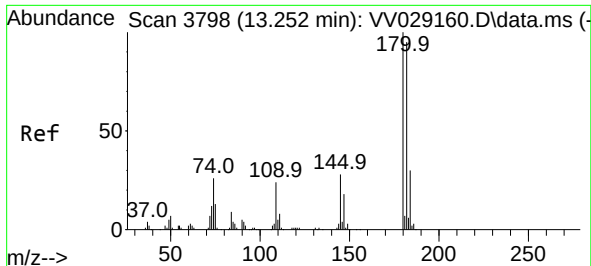
Tgt Ion: 75 Resp: 289
Ion Ratio Lower Upper
75 100
155 0.0 64.8 97.2#
157 0.0 86.3 129.5#



#69
1,3,5-Trichlorobenzene
Concen: 0.087 ug/L
RT: 12.648 min Scan# 3610
Delta R.T. 0.013 min
Lab File: VV029164.D
Acq: 19 Nov 2022 12:33

Tgt Ion:180 Resp: 2478
Ion Ratio Lower Upper
180 100
182 83.7 76.7 115.1
184 27.8 24.0 36.0
145 23.3 23.1 34.7

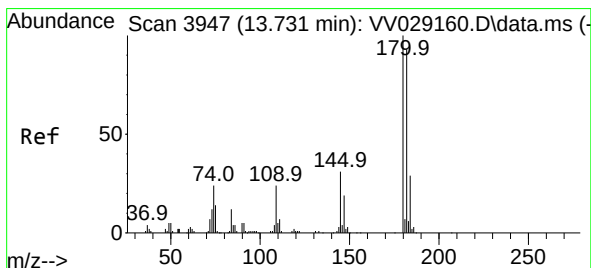
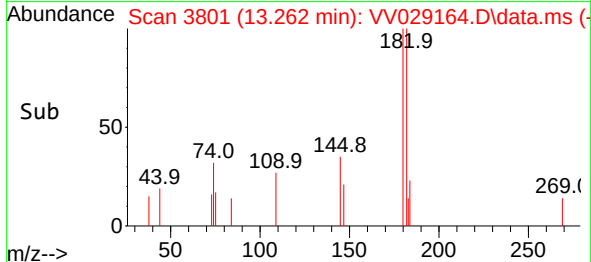
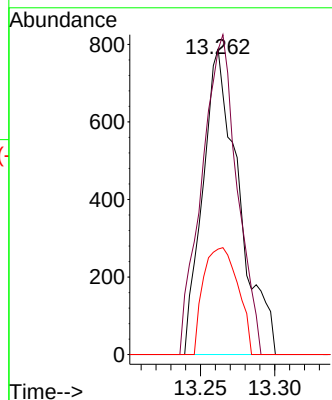
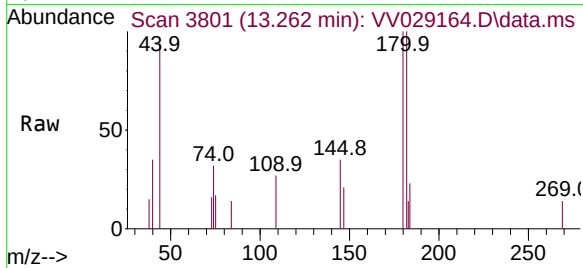




#70
1,2,4-trichlorobenzene
Concen: 0.062 ug/L
RT: 13.262 min Scan# 3801
Delta R.T. 0.010 min
Lab File: VV029164.D
Acq: 19 Nov 2022 12:33

Instrument :
MSVOA_V
ClientSampleId :
BGCE4DL

Tgt Ion:180 Resp: 1330
Ion Ratio Lower Upper
180 100
182 102.4 74.3 111.5
145 33.5 23.7 35.5



#72
1,2,3-Trichlorobenzene
Concen: 0.057 ug/L
RT: 13.738 min Scan# 3949
Delta R.T. 0.006 min
Lab File: VV029164.D
Acq: 19 Nov 2022 12:33

Tgt Ion:180 Resp: 1041
Ion Ratio Lower Upper
180 100
182 100.3 75.4 113.2
145 37.0 24.9 37.3

