

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031723\
 Data File : VV030234.D
 Acq On : 17 Mar 2023 13:06
 Operator : SY/MD
 Sample : 01947-02
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 17 22:58:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR022323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 17 22:49:08 2023
 Response via : Initial Calibration

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

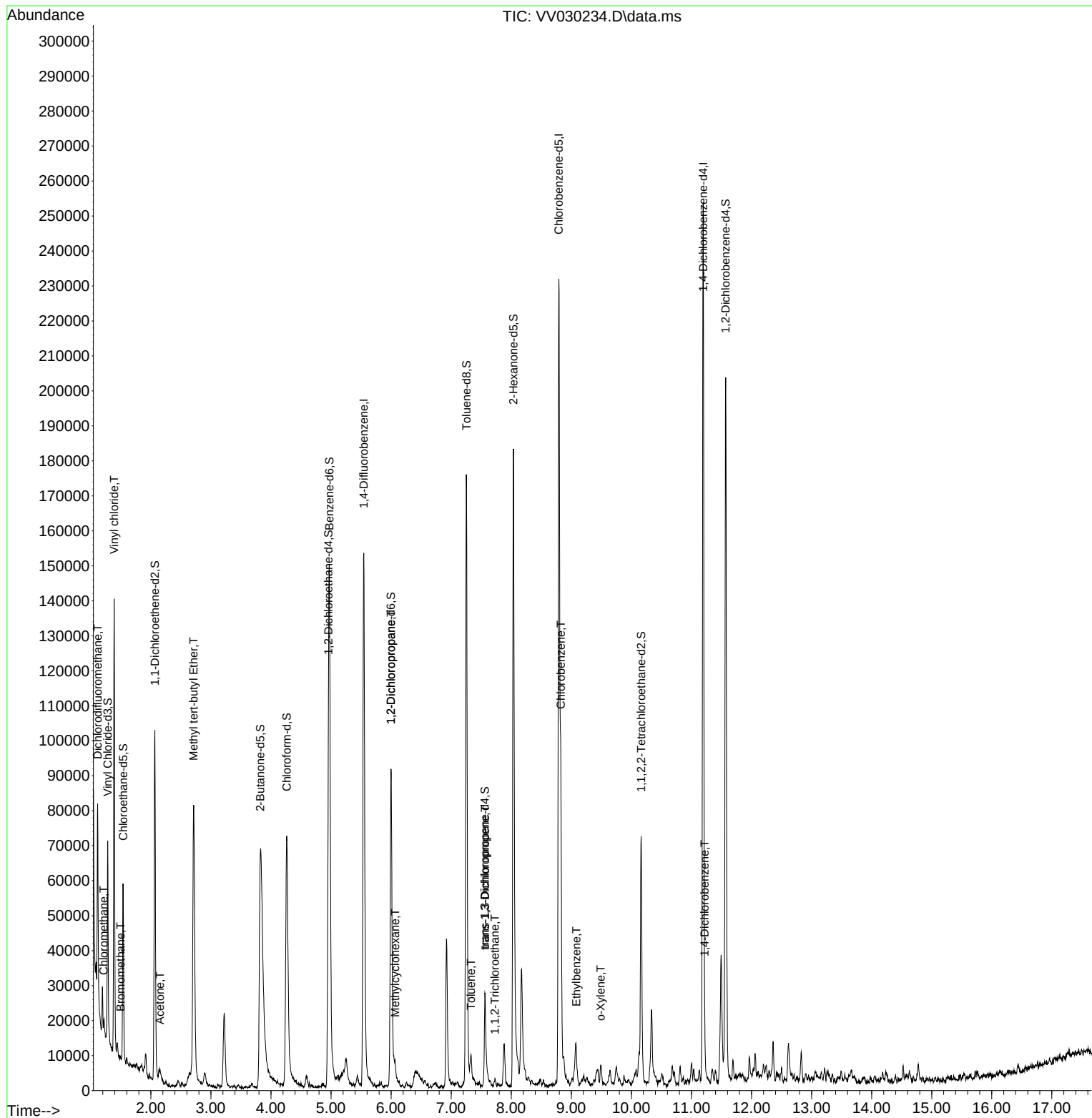
Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	129030	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	124979	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	64639	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	32500	3.893	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.800%
7) Chloroethane-d5	1.539	69	31129	3.972	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.400%
11) 1,1-Dichloroethene-d2	2.066	63	53133	3.096	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.000%
20) 2-Butanone-d5	3.822	46	79946	51.937	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.880%
24) Chloroform-d	4.262	84	72080	4.226	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.600%
26) 1,2-Dichloroethane-d4	4.957	65	36557	5.251	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.000%
32) Benzene-d6	4.973	84	131611	3.914	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.200%
36) 1,2-Dichloropropane-d6	5.998	67	42594	4.210	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.200%
41) Toluene-d8	7.252	98	116595	3.658	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.200%
43) trans-1,3-Dichloroprop...	7.561	79	14513	4.193	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.800%
46) 2-Hexanone-d5	8.037	63	63132	44.087	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.180%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	31645	4.397	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.000%
66) 1,2-Dichlorobenzene-d4	11.571	152	50362	4.605	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.000%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.114	85	859	0.082	ug/L	93
3) Chloromethane	1.217	50	3281	0.198	ug/L	96
5) Vinyl chloride	1.388	62	2266	0.206	ug/L	86
6) Bromomethane	1.497	94	295	0.149	ug/L	78
13) Acetone	2.150	43	3542	3.113	ug/L	85
17) Methyl tert-butyl Ether	2.712	73	74864	4.421	ug/L #	91
35) Methylcyclohexane	6.066	83	2037	0.141	ug/L #	60
37) 1,2-Dichloropropane	5.998	63	5447	0.627	ug/L #	86
42) Toluene	7.330	91	5461	0.148	ug/L	89
44) trans-1,3-Dichloropropene	7.564	75	965	0.097	ug/L #	65
45) 1,1,2-Trichloroethane	7.728	97	565	0.091	ug/L #	30
51) Chlorobenzene	8.825	112	44059	1.767	ug/L	96
52) Ethylbenzene	9.085	91	2723	0.068	ug/L	100
54) o-Xylene	9.487	106	988	0.067	ug/L	77
65) 1,4-Dichlorobenzene	11.220	146	1606	0.082	ug/L #	86

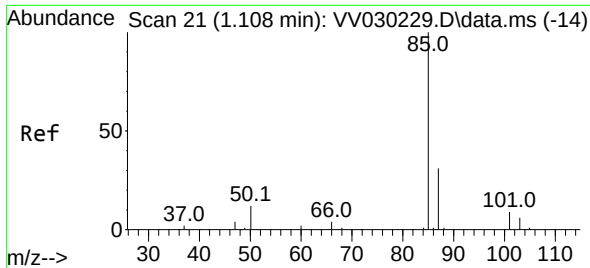
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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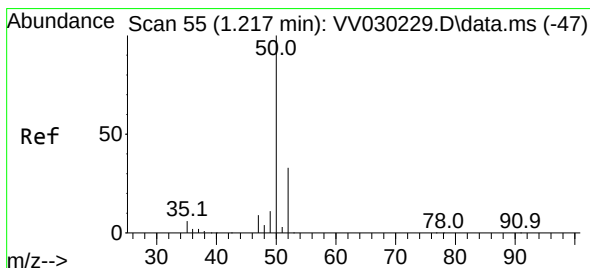
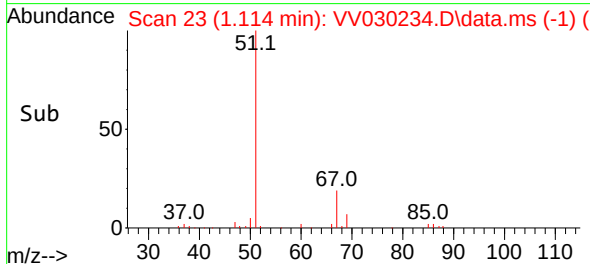
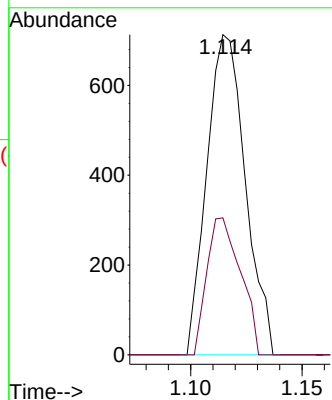
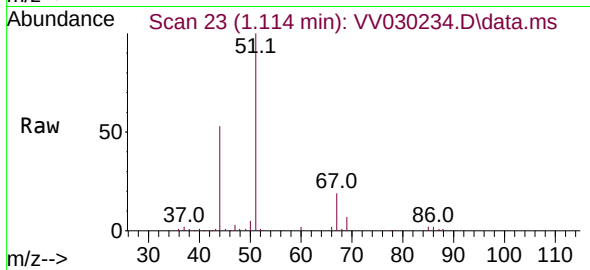




#2
 Dichlorodifluoromethane
 Concen: 0.082 ug/L
 RT: 1.114 min Scan# 21
 Delta R.T. 0.007 min
 Lab File: VV030234.D
 Acq: 17 Mar 2023 13:06

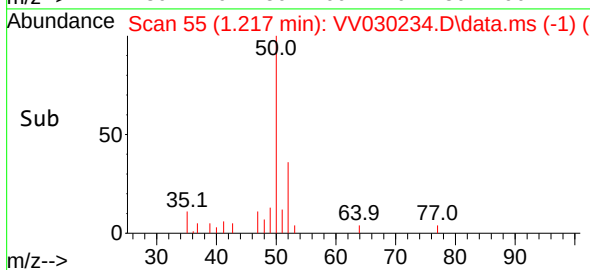
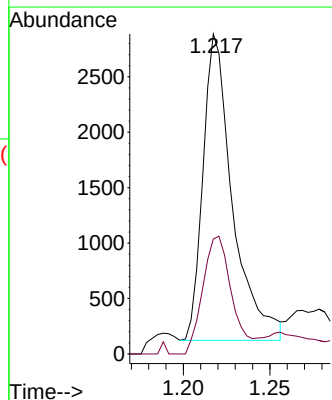
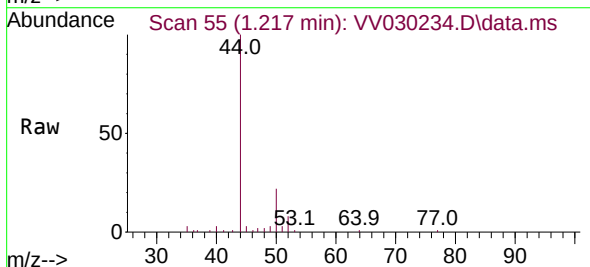
Instrument :
 MSVOA_V
 ClientSampleId :

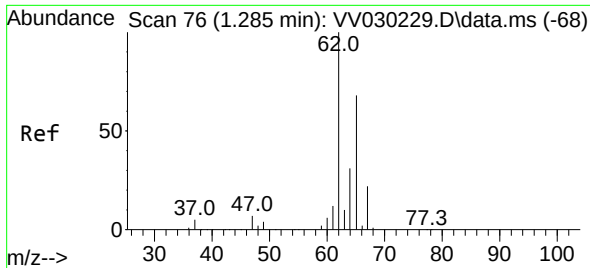
Tgt Ion: 85 Resp: 859
 Ion Ratio Lower Upper
 85 100
 87 37.3 26.6 39.8



#3
 Chloromethane
 Concen: 0.198 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VV030234.D
 Acq: 17 Mar 2023 13:06

Tgt Ion: 50 Resp: 3281
 Ion Ratio Lower Upper
 50 100
 52 36.0 23.6 43.8

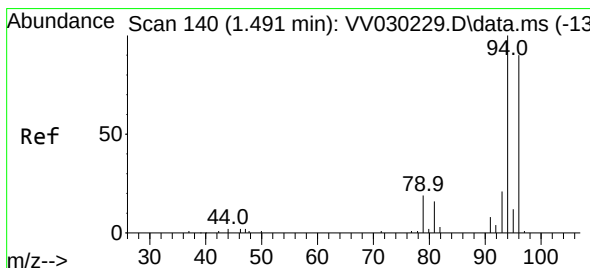
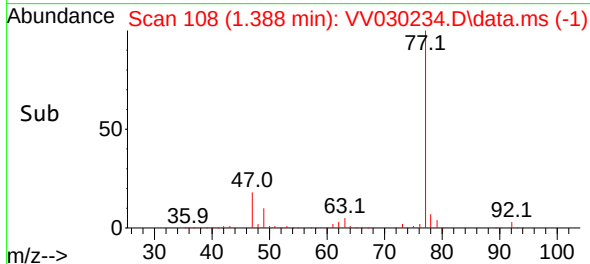
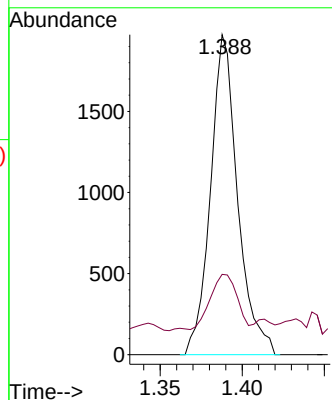
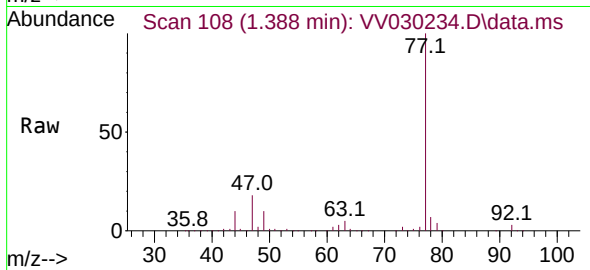




#5
 Vinyl chloride
 Concen: 0.206 ug/L
 RT: 1.388 min Scan# 108
 Delta R.T. 0.103 min
 Lab File: VV030234.D
 Acq: 17 Mar 2023 13:06

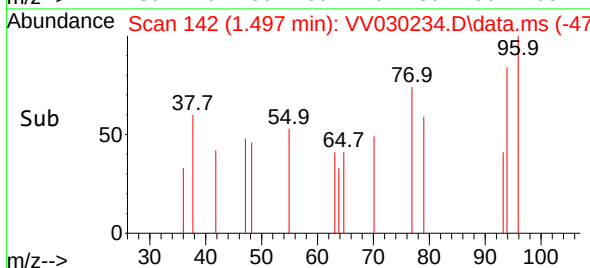
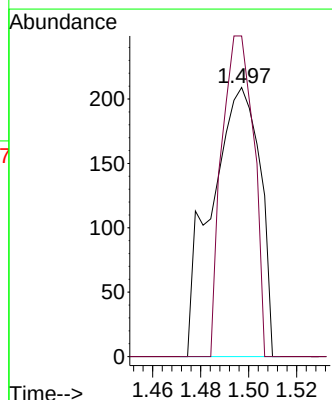
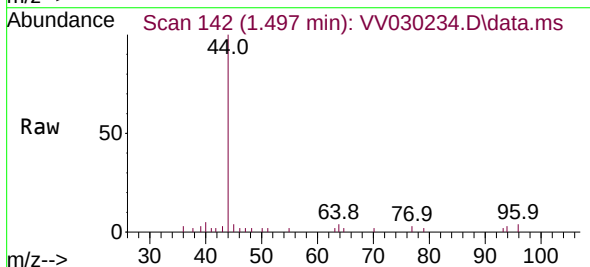
Instrument :
 MSVOA_V
 ClientSampleId :

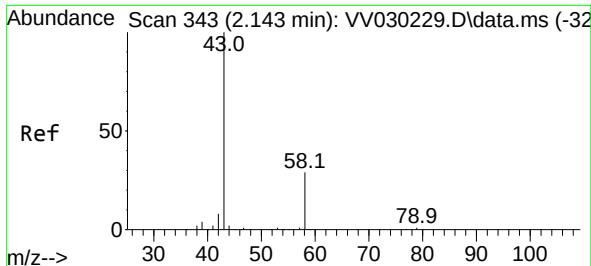
Tgt Ion: 62 Resp: 2266
 Ion Ratio Lower Upper
 62 100
 64 25.1 23.1 42.9



#6
 Bromomethane
 Concen: 0.149 ug/L
 RT: 1.497 min Scan# 142
 Delta R.T. 0.007 min
 Lab File: VV030234.D
 Acq: 17 Mar 2023 13:06

Tgt Ion: 94 Resp: 295
 Ion Ratio Lower Upper
 94 100
 96 119.1 68.4 127.0





#13

Acetone

Concen: 3.113 ug/L

RT: 2.150 min Scan# 34

Delta R.T. 0.007 min

Lab File: VV030234.D

Acq: 17 Mar 2023 13:06

Instrument :

MSVOA_V

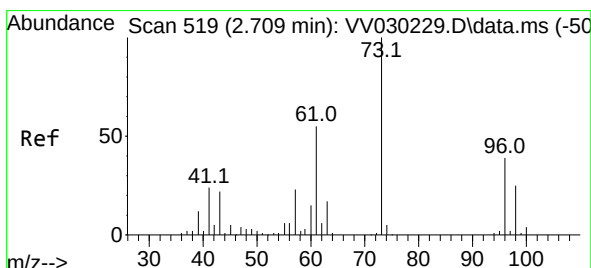
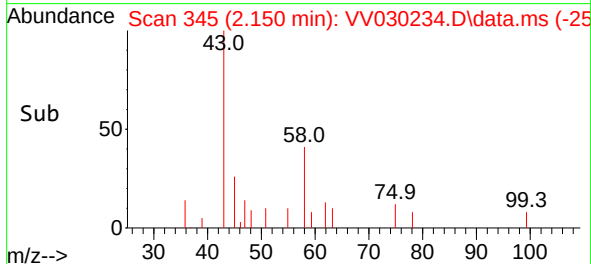
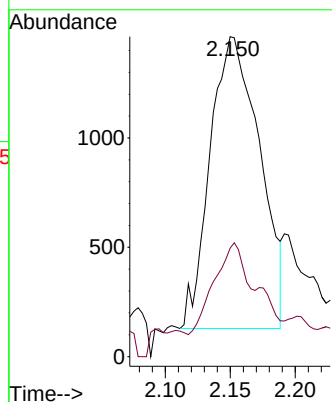
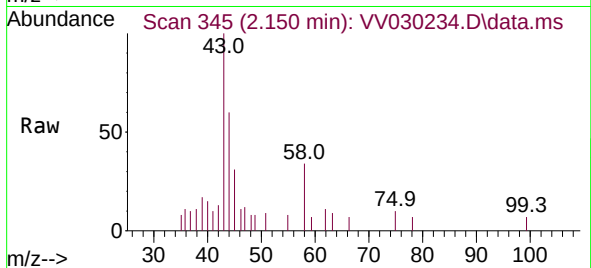
ClientSampleId :

Tgt Ion: 43 Resp: 3542

Ion Ratio Lower Upper

43 100

58 20.9 0.0 29.4



#17

Methyl tert-butyl Ether

Concen: 4.421 ug/L

RT: 2.712 min Scan# 520

Delta R.T. 0.003 min

Lab File: VV030234.D

Acq: 17 Mar 2023 13:06

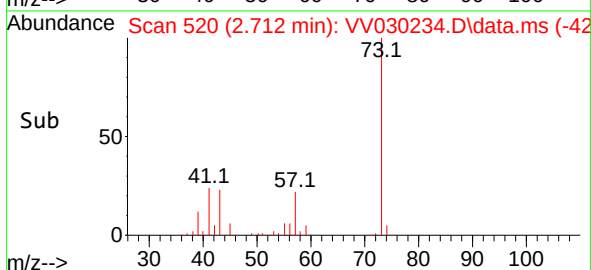
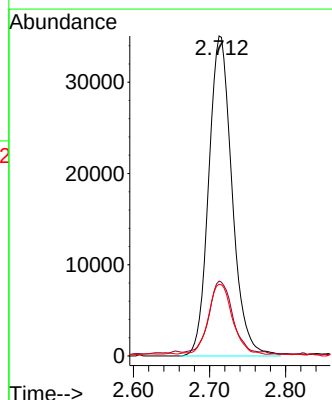
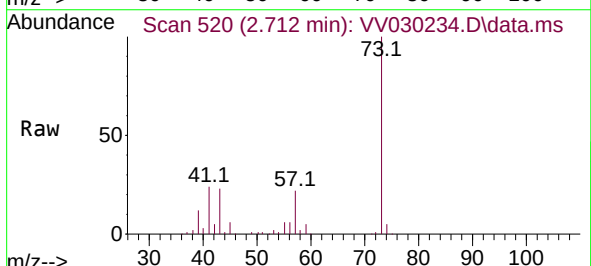
Tgt Ion: 73 Resp: 74864

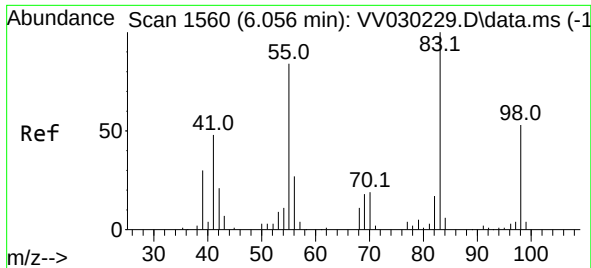
Ion Ratio Lower Upper

73 100

43 23.8 13.4 20.2#

57 22.5 16.8 25.2

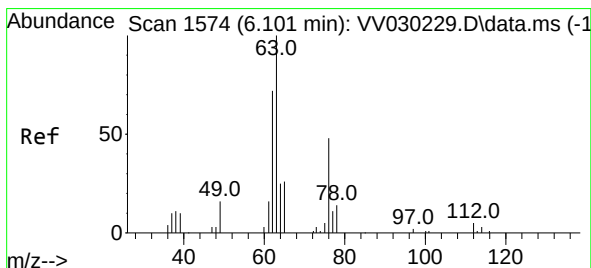
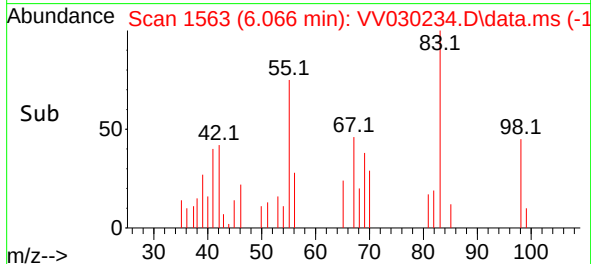
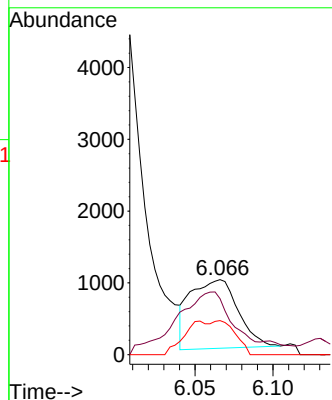
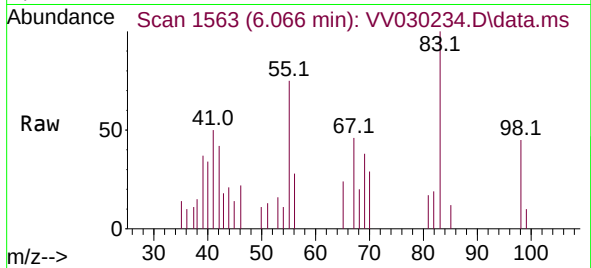




#35
Methylcyclohexane
Concen: 0.141 ug/L
RT: 6.066 min Scan# 11
Delta R.T. 0.010 min
Lab File: VV030234.D
Acq: 17 Mar 2023 13:06

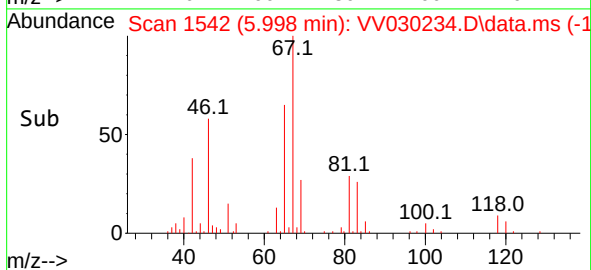
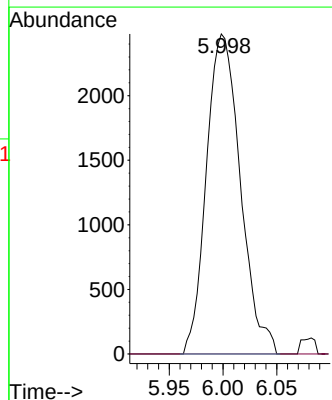
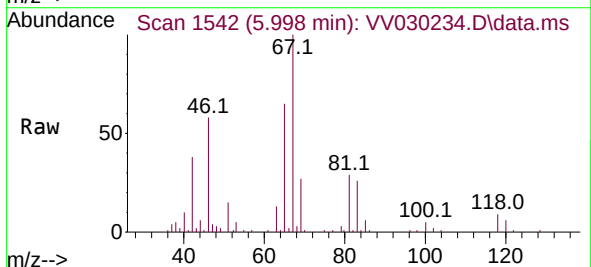
Instrument :
MSVOA_V
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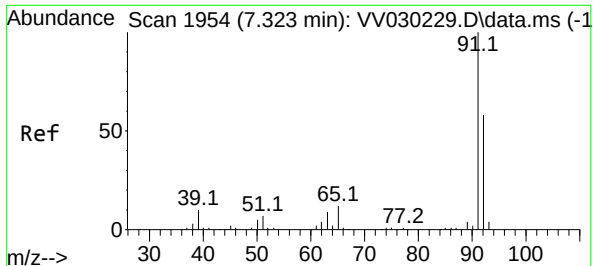
Tgt Ion: 83 Resp: 2037
Ion Ratio Lower Upper
83 100
55 110.0 57.6 86.4#
98 27.0 38.8 58.2#



#37
1,2-Dichloropropane
Concen: 0.627 ug/L
RT: 5.998 min Scan# 1542
Delta R.T. -0.103 min
Lab File: VV030234.D
Acq: 17 Mar 2023 13:06

Tgt Ion: 63 Resp: 5447
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.6#





#42

Toluene

Concen: 0.148 ug/L

RT: 7.330 min Scan# 1954

Delta R.T. 0.007 min

Lab File: VV030234.D

Acq: 17 Mar 2023 13:06

Instrument :

MSVOA_V

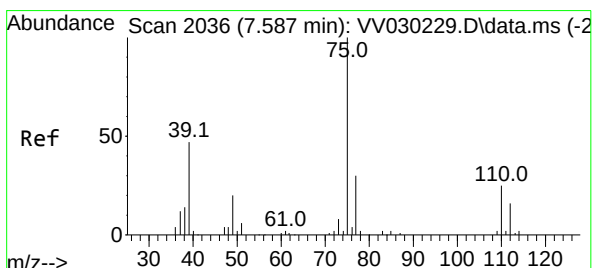
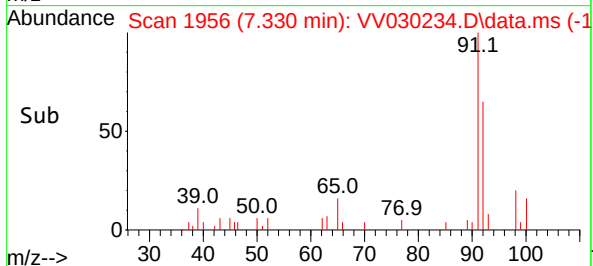
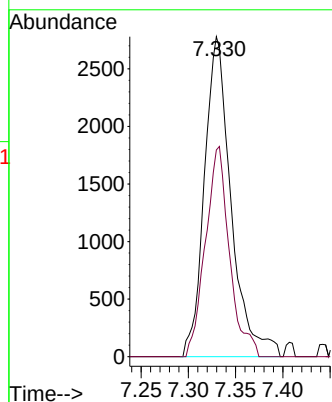
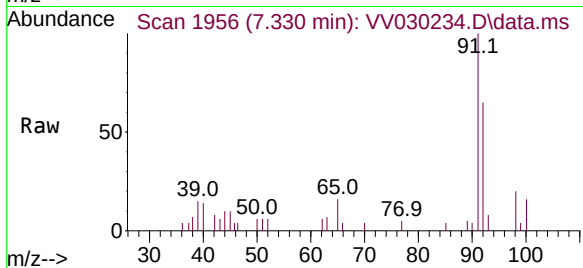
ClientSampleId :

Tgt Ion: 91 Resp: 5461

Ion Ratio Lower Upper

91 100

92 64.6 39.6 73.6



#44

trans-1,3-Dichloropropene

Concen: 0.097 ug/L

RT: 7.564 min Scan# 2029

Delta R.T. -0.022 min

Lab File: VV030234.D

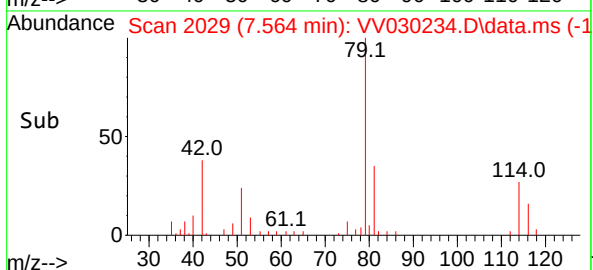
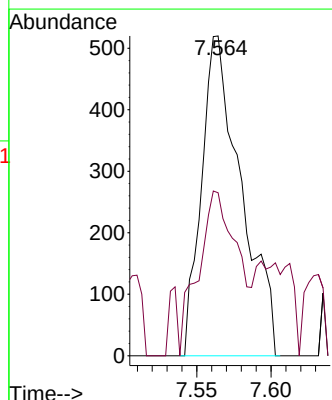
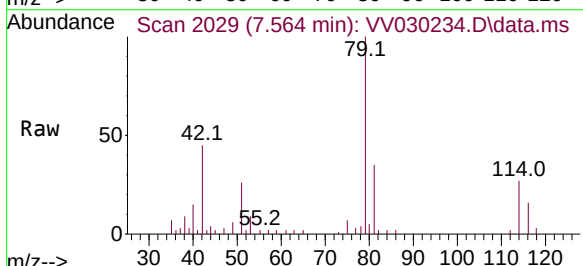
Acq: 17 Mar 2023 13:06

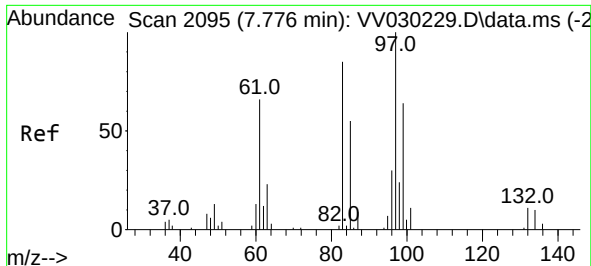
Tgt Ion: 75 Resp: 965

Ion Ratio Lower Upper

75 100

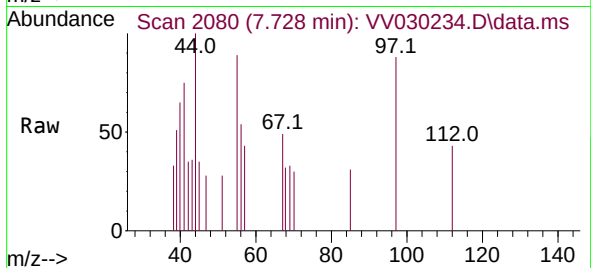
77 51.0 22.1 41.1#



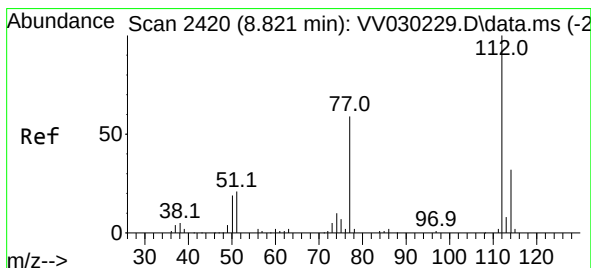
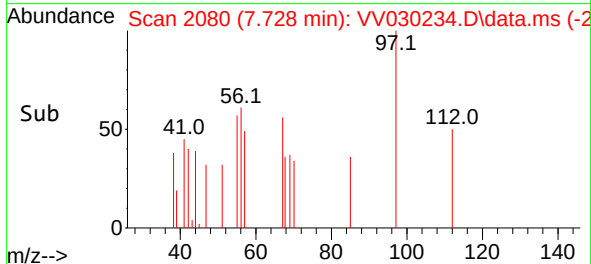
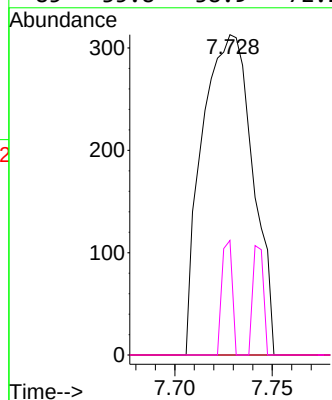


#45
1,1,2-Trichloroethane
Concen: 0.091 ug/L
RT: 7.728 min Scan# 2095
Delta R.T. -0.048 min
Lab File: VV030234.D
Acq: 17 Mar 2023 13:06

Instrument :
MSVOA_V
ClientSampleId :

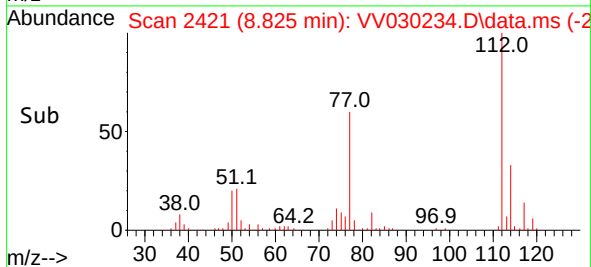
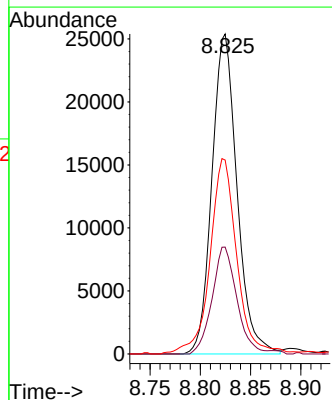
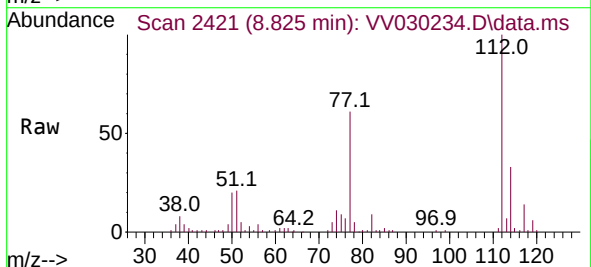


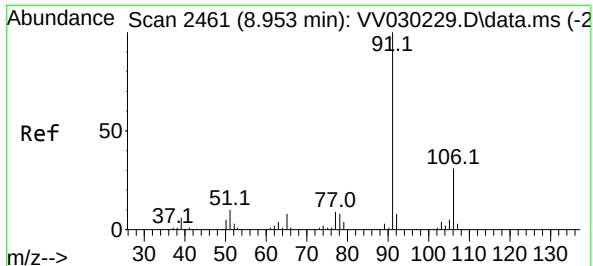
Tgt Ion: 97 Resp: 565
Ion Ratio Lower Upper
97 100
99 0.0 42.6 79.2#
83 0.0 57.7 107.3#
85 35.8 38.9 72.2#



#51
Chlorobenzene
Concen: 1.767 ug/L
RT: 8.825 min Scan# 2421
Delta R.T. 0.003 min
Lab File: VV030234.D
Acq: 17 Mar 2023 13:06

Tgt Ion: 112 Resp: 44059
Ion Ratio Lower Upper
112 100
114 33.4 22.5 41.7
77 60.6 45.3 67.9

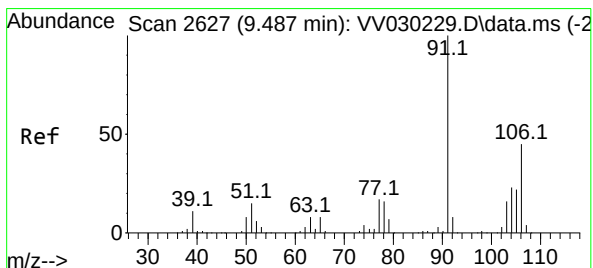
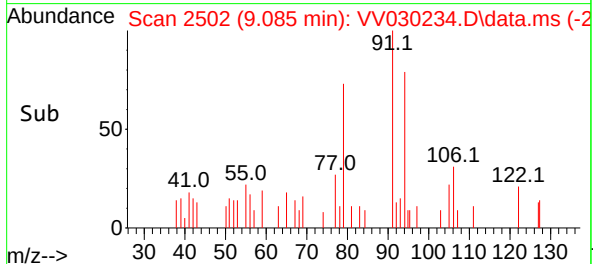
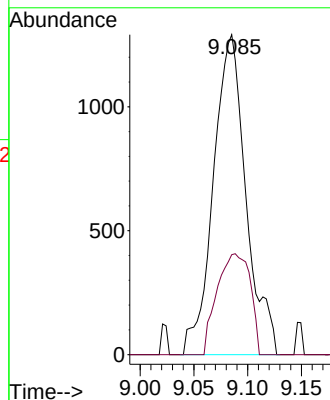
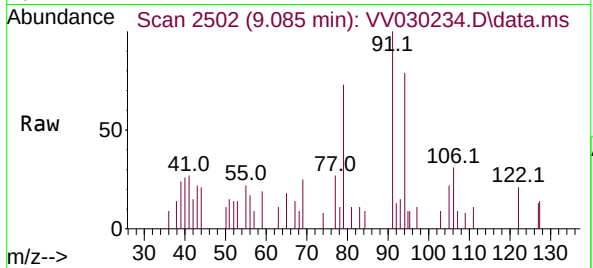




#52
Ethylbenzene
Concen: 0.068 ug/L
RT: 9.085 min Scan# 21
Delta R.T. 0.132 min
Lab File: VV030234.D
Acq: 17 Mar 2023 13:06

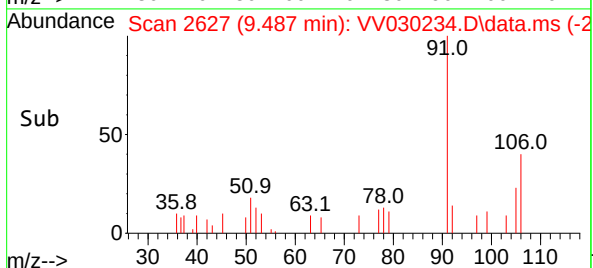
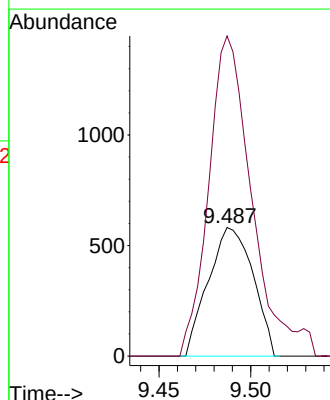
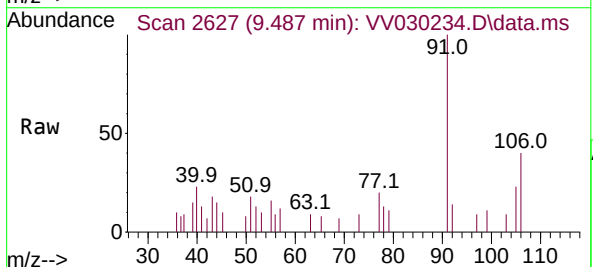
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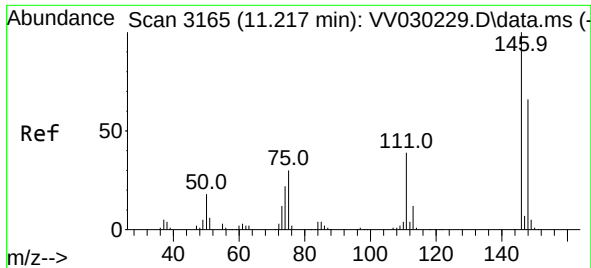
Tgt Ion: 91 Resp: 2723
Ion Ratio Lower Upper
91 100
106 31.2 22.0 40.8



#54
o-Xylene
Concen: 0.067 ug/L
RT: 9.487 min Scan# 2627
Delta R.T. 0.000 min
Lab File: VV030234.D
Acq: 17 Mar 2023 13:06

Tgt Ion: 106 Resp: 988
Ion Ratio Lower Upper
106 100
91 248.8 148.8 276.4





#65

1,4-Dichlorobenzene

Concen: 0.082 ug/L

RT: 11.220 min Scan# 31

Delta R.T. 0.003 min

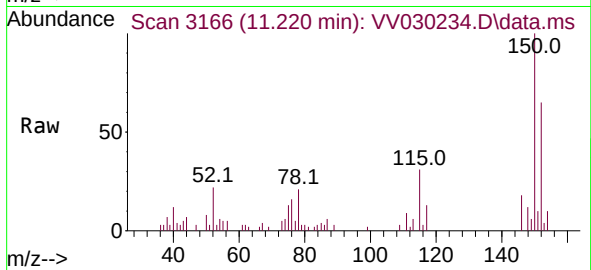
Lab File: VV030234.D

Acq: 17 Mar 2023 13:06

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:146 Resp: 1606

Ion Ratio Lower Upper

146 100

111 52.8 27.4 51.0#

148 69.2 44.1 81.9

