

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111021\
 Data File : VW023378.D
 Acq On : 11 Nov 2021 11:06
 Operator : SY/MD
 Sample : M4558-09DL 100X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 12 00:28:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 11 08:19:32 2021
 Response via : Initial Calibration

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

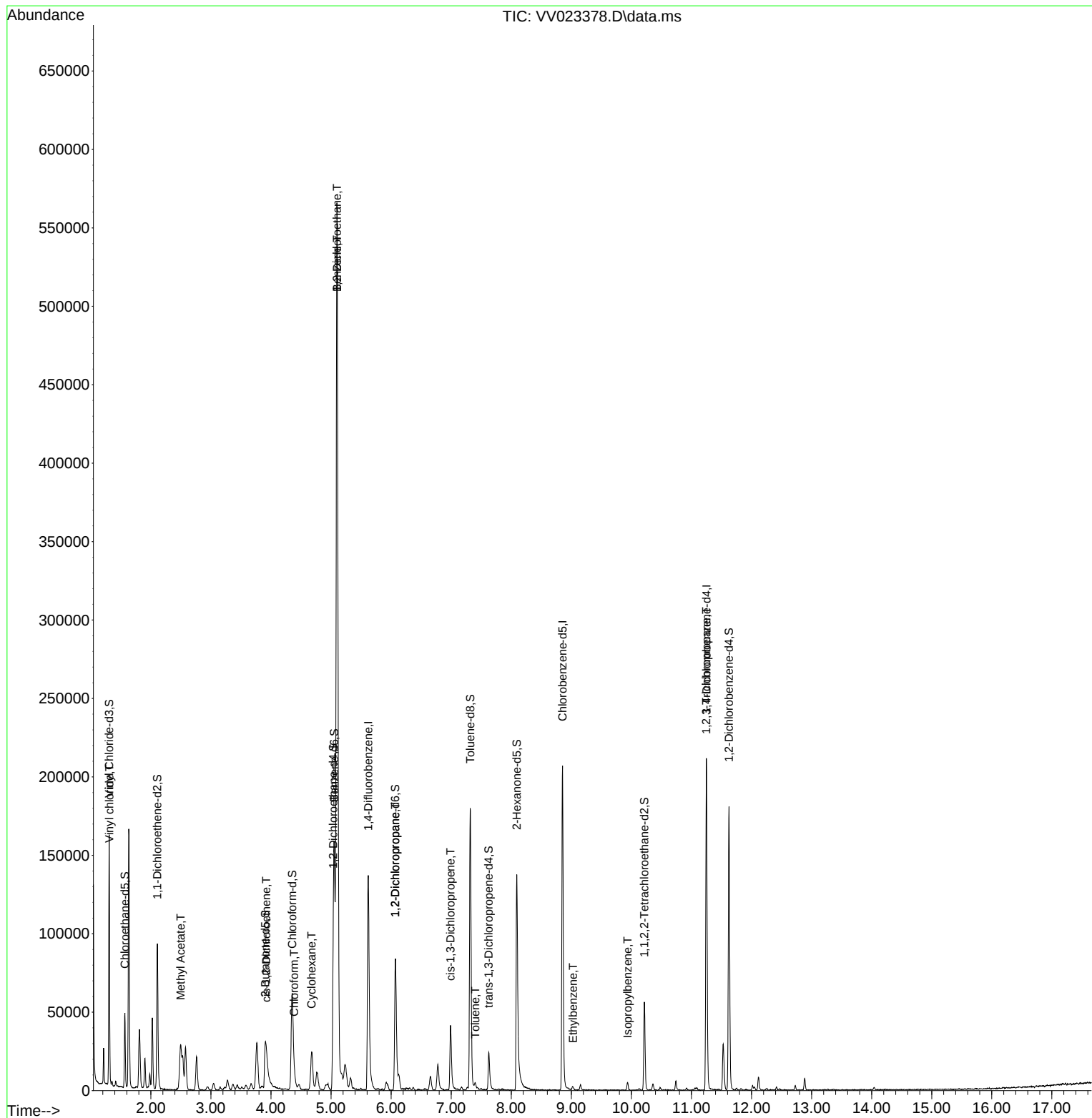
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	124157	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	116952	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	57277	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	32746	4.210	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.200%
7) Chloroethane-d5	1.568	69	27250	4.299	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.000%
11) 1,1-Dichloroethene-d2	2.108	63	47572	3.267	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.400%
20) 2-Butanone-d5	3.905	46	60564	45.197	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.400%
24) Chloroform-d	4.352	84	62427	3.766	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	75.400%
26) 1,2-Dichloroethane-d4	5.037	65	33116	4.443	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.800%
32) Benzene-d6	5.053	84	139736	4.657	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.200%
36) 1,2-Dichloropropane-d6	6.069	67	41068	4.649	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.000%
41) Toluene-d8	7.317	98	120561	4.287	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.800%
43) trans-1,3-Dichloroprop...	7.625	79	15160	4.526	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.600%
46) 2-Hexanone-d5	8.092	63	48301	39.194	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	78.380%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	26309	4.142	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.800%
66) 1,2-Dichlorobenzene-d4	11.625	152	46861	4.913	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.200%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.311	62	496	0.048	ug/L #	26
15) Methyl Acetate	2.497	43	13002	5.611	ug/L #	47
22) cis-1,2-Dichloroethene	3.921	96	4298	0.491	ug/L #	86
25) Chloroform	4.384	83	8702	0.531	ug/L	97
27) 1,2-Dichloroethane	5.098	62	7437	0.854	ug/L #	72
30) Cyclohexane	4.674	56	12191	0.958	ug/L	98
33) Benzene	5.098	78	564114	17.257	ug/L	100
37) 1,2-Dichloropropane	6.069	63	5163	0.677	ug/L #	83
39) cis-1,3-Dichloropropene	6.989	75	1203	0.110	ug/L #	70
42) Toluene	7.404	91	3533	0.101	ug/L	92
52) Ethylbenzene	9.031	91	1936	0.053	ug/L	93
60) Isopropylbenzene	9.937	105	3557	0.108	ug/L	98
61) 1,2,3-Trichloropropane	11.246	75	6474	1.702	ug/L #	62

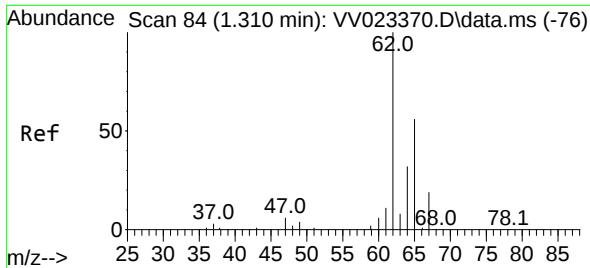
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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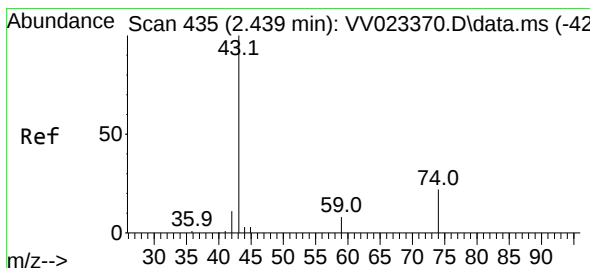
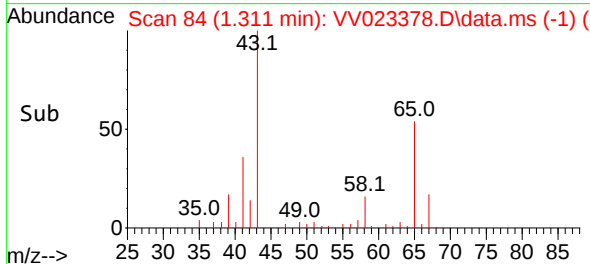
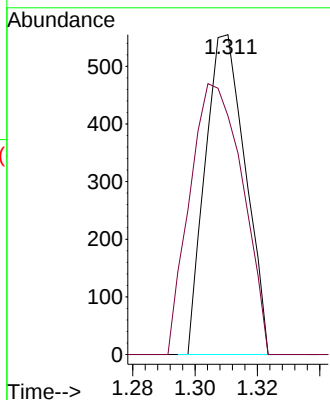
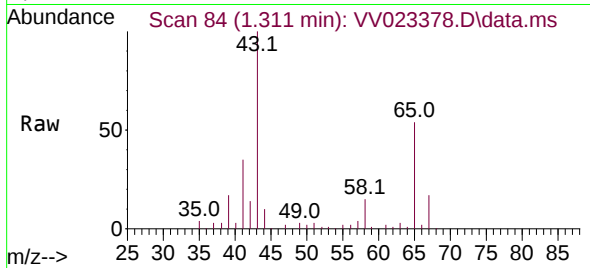




#5
 Vinyl chloride
 Concen: 0.048 ug/L
 RT: 1.311 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV023378.D
 Acq: 11 Nov 2021 11:06

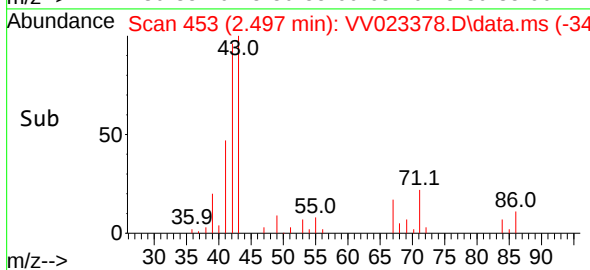
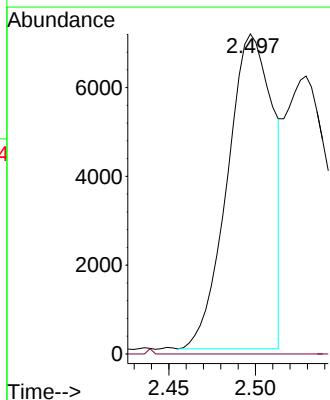
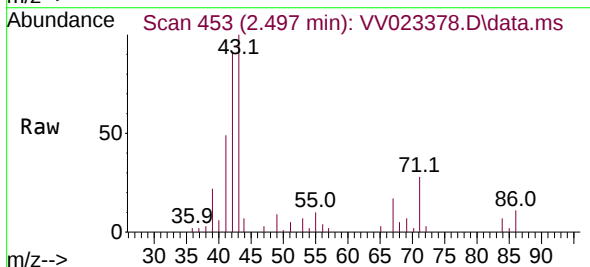
Instrument :
 MSVOA_V
 ClientSampleId :

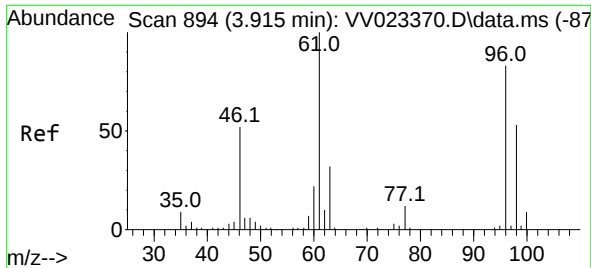
Tgt Ion: 62 Resp: 496
 Ion Ratio Lower Upper
 62 100
 64 74.6 23.1 42.9#



#15
 Methyl Acetate
 Concen: 5.611 ug/L
 RT: 2.497 min Scan# 453
 Delta R.T. 0.058 min
 Lab File: VV023378.D
 Acq: 11 Nov 2021 11:06

Tgt Ion: 43 Resp: 13002
 Ion Ratio Lower Upper
 43 100
 74 0.2 22.2 33.2#

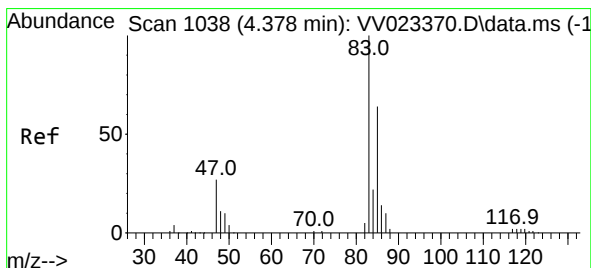
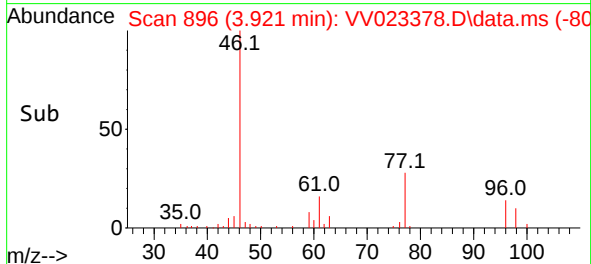
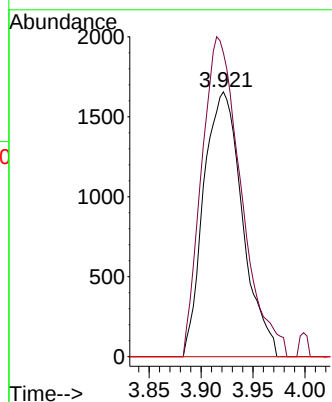
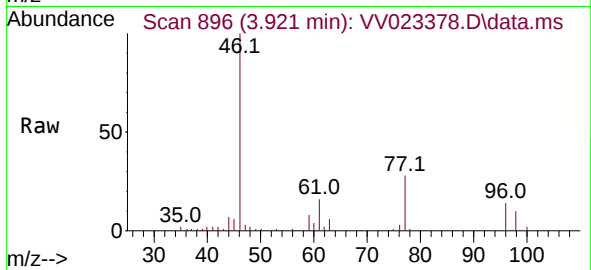




#22
 cis-1,2-Dichloroethene
 Concen: 0.491 ug/L
 RT: 3.921 min Scan# 894
 Delta R.T. 0.007 min
 Lab File: VV023378.D
 Acq: 11 Nov 2021 11:06

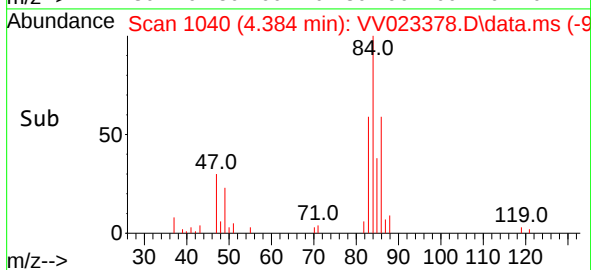
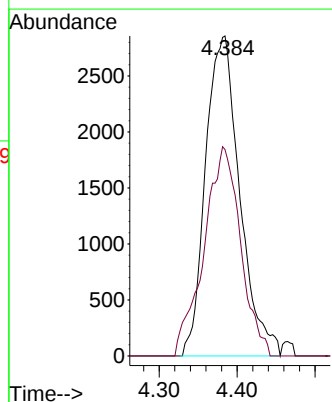
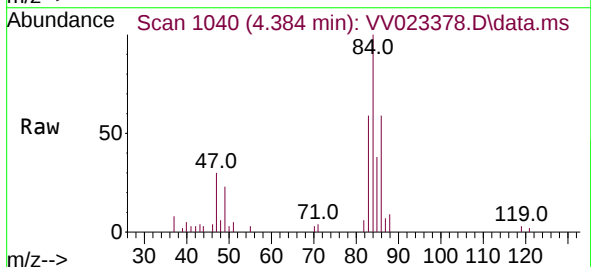
Instrument :
 MSVOA_V
 ClientSampleId :

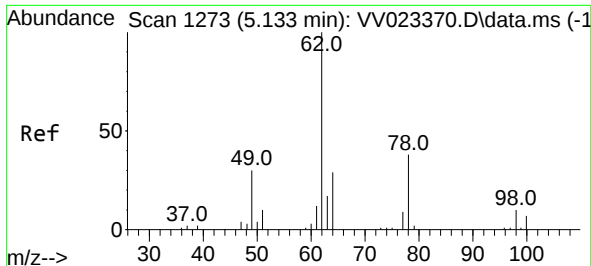
Tgt Ion: 96 Resp: 4298
 Ion Ratio Lower Upper
 96 100
 61 114.7 92.3 171.3
 68 0.0 0.4 0.8#



#25
 Chloroform
 Concen: 0.531 ug/L
 RT: 4.384 min Scan# 1040
 Delta R.T. 0.007 min
 Lab File: VV023378.D
 Acq: 11 Nov 2021 11:06

Tgt Ion: 83 Resp: 8702
 Ion Ratio Lower Upper
 83 100
 85 64.5 46.8 86.8





#27

1,2-Dichloroethane

Concen: 0.854 ug/L

RT: 5.098 min Scan# 11

Delta R.T. -0.035 min

Lab File: VV023378.D

Acq: 11 Nov 2021 11:06

Instrument :

MSVOA_V

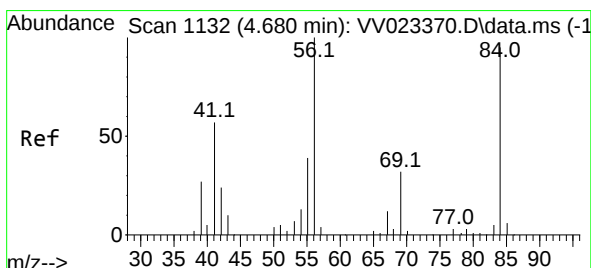
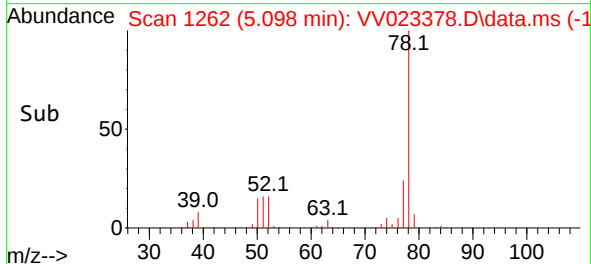
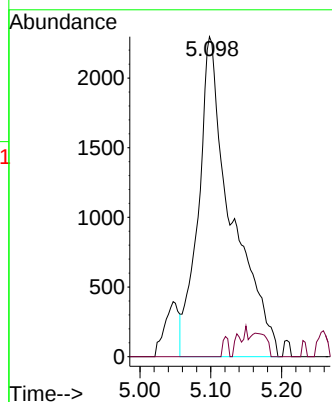
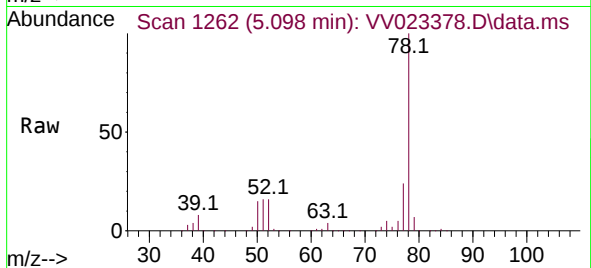
ClientSampleId :

Tgt Ion: 62 Resp: 7437

Ion Ratio Lower Upper

62 100

98 0.0 8.2 12.4#



#30

Cyclohexane

Concen: 0.958 ug/L

RT: 4.674 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VV023378.D

Acq: 11 Nov 2021 11:06

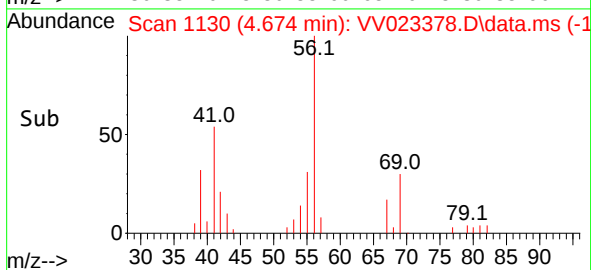
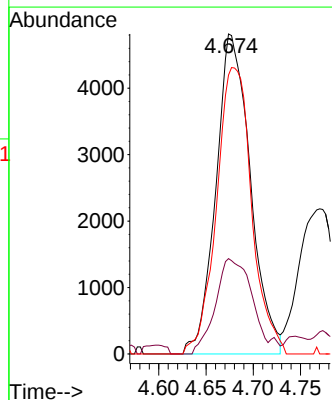
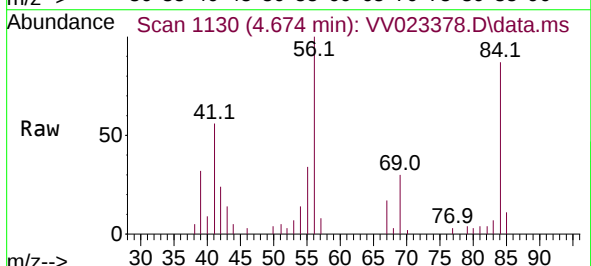
Tgt Ion: 56 Resp: 12191

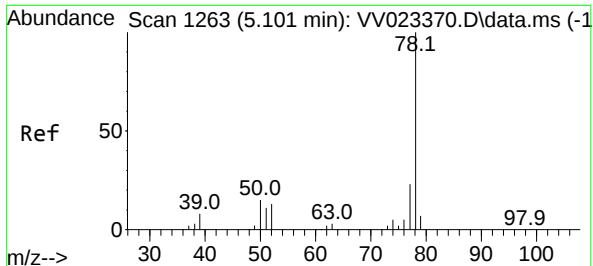
Ion Ratio Lower Upper

56 100

69 31.1 23.5 35.3

84 91.4 71.6 107.4

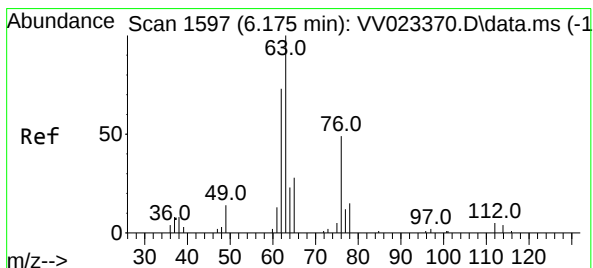
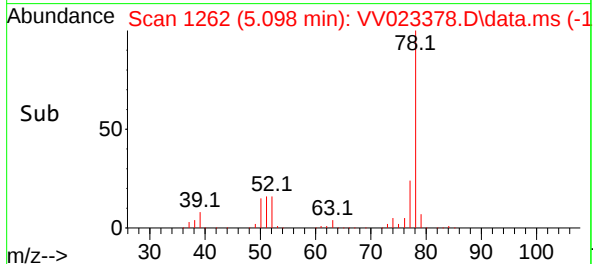
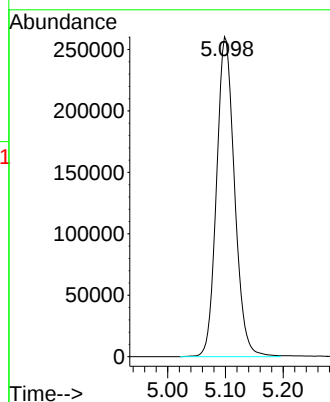
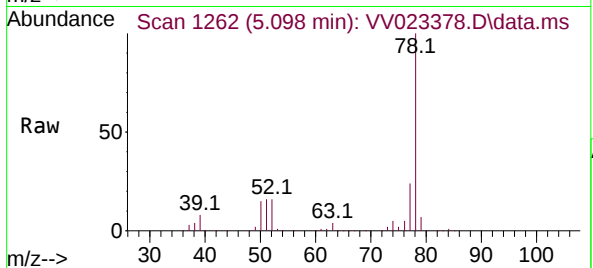




#33
Benzene
Concen: 17.257 ug/L
RT: 5.098 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV023378.D
Acq: 11 Nov 2021 11:06

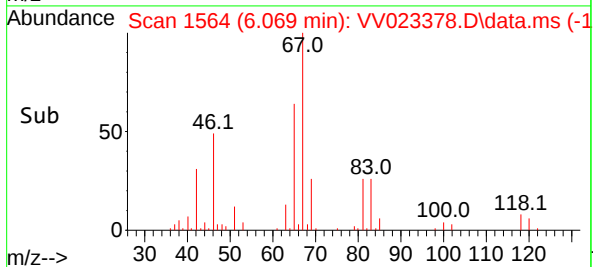
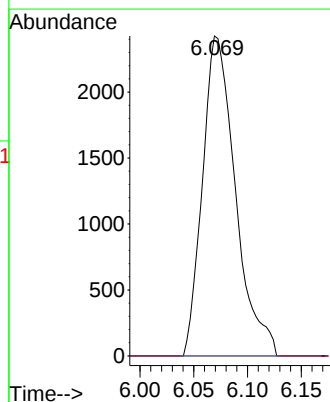
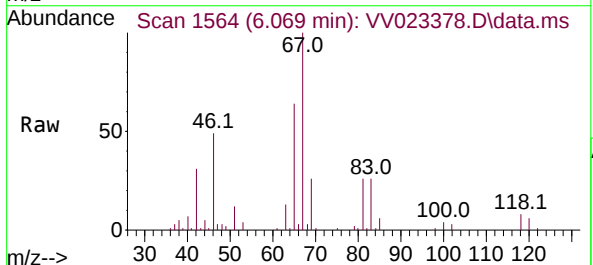
Instrument :
MSVOA_V
ClientSampleId :

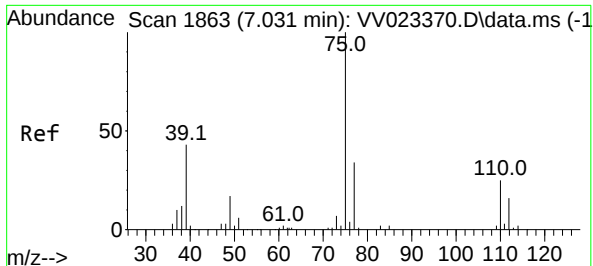
Tgt Ion: 78 Resp: 564114



#37
1,2-Dichloropropane
Concen: 0.677 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.106 min
Lab File: VV023378.D
Acq: 11 Nov 2021 11:06

Tgt Ion: 63 Resp: 5163
Ion Ratio Lower Upper
63 100
112 0.0 4.6 6.8#





#39

cis-1,3-Dichloropropene

Concen: 0.110 ug/L

RT: 6.989 min Scan# 1863

Delta R.T. -0.042 min

Lab File: VV023378.D

Acq: 11 Nov 2021 11:06

Instrument :

MSVOA_V

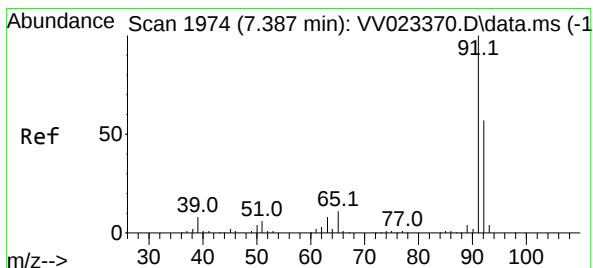
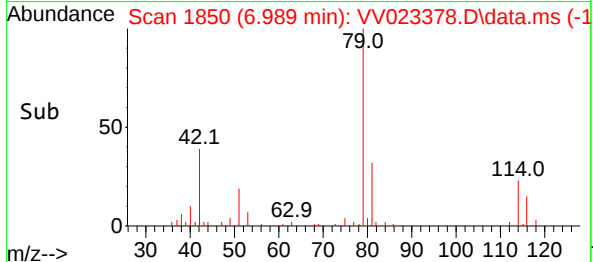
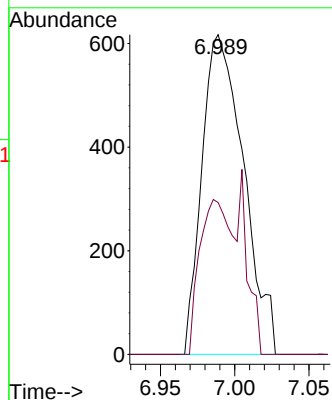
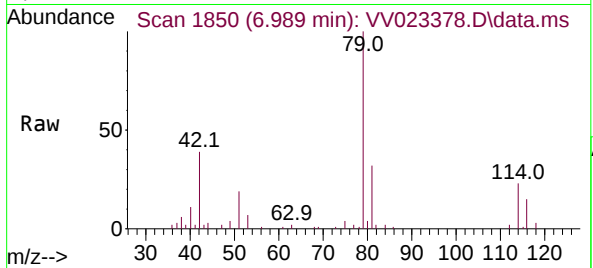
ClientSampleId :

Tgt Ion: 75 Resp: 1203

Ion Ratio Lower Upper

75 100

77 47.5 21.6 40.2#



#42

Toluene

Concen: 0.101 ug/L

RT: 7.404 min Scan# 1979

Delta R.T. 0.016 min

Lab File: VV023378.D

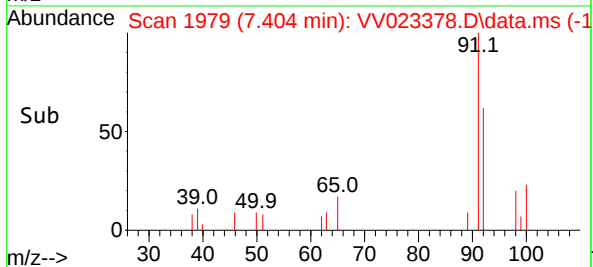
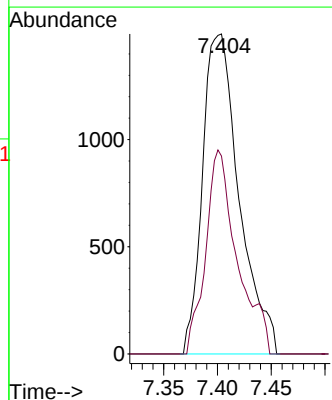
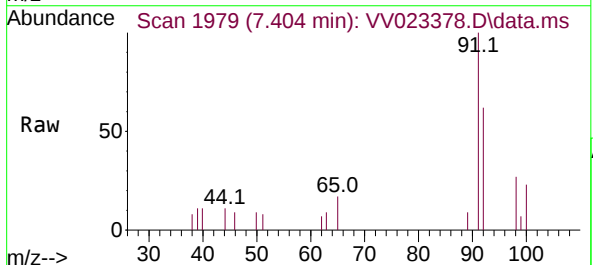
Acq: 11 Nov 2021 11:06

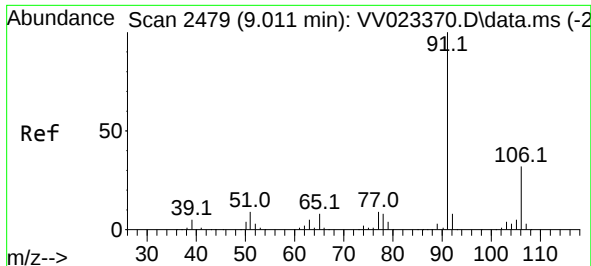
Tgt Ion: 91 Resp: 3533

Ion Ratio Lower Upper

91 100

92 61.8 39.3 72.9

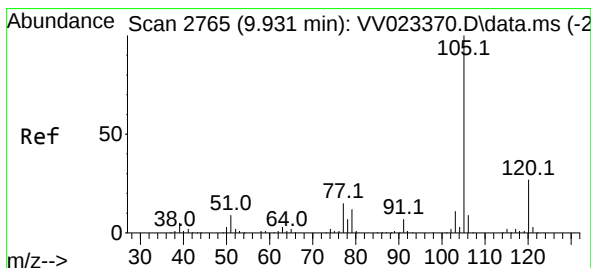
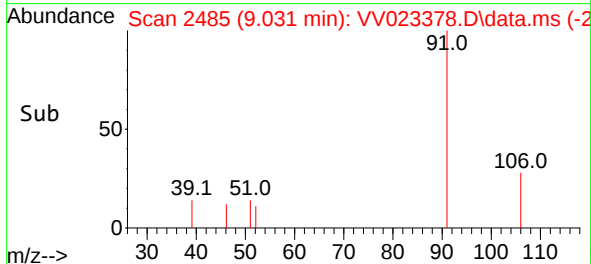
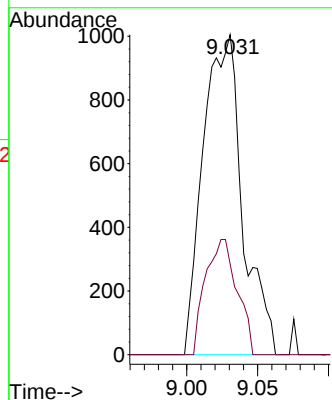
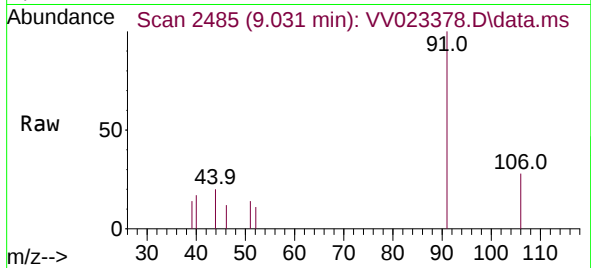




#52
Ethylbenzene
Concen: 0.053 ug/L
RT: 9.031 min Scan# 2479
Delta R.T. 0.019 min
Lab File: VV023378.D
Acq: 11 Nov 2021 11:06

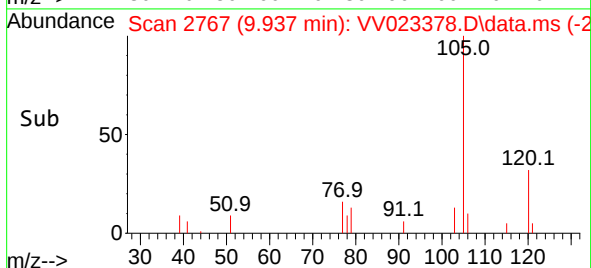
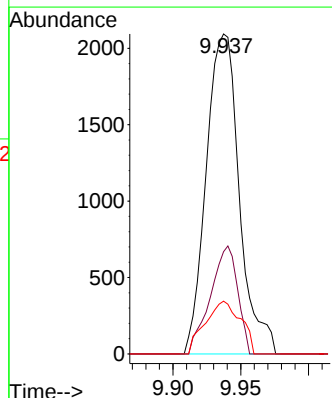
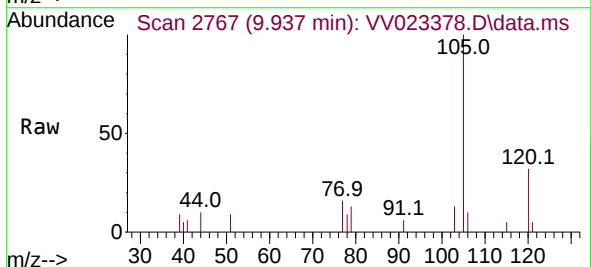
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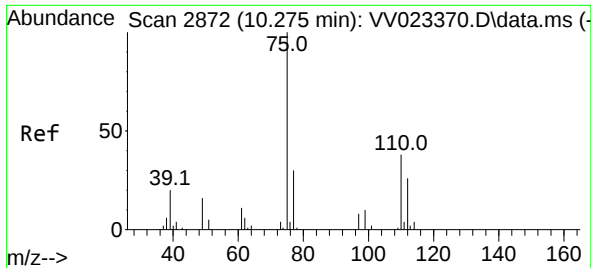
Tgt Ion: 91 Resp: 1936
Ion Ratio Lower Upper
91 100
106 28.4 22.5 41.9



#60
Isopropylbenzene
Concen: 0.108 ug/L
RT: 9.937 min Scan# 2767
Delta R.T. 0.007 min
Lab File: VV023378.D
Acq: 11 Nov 2021 11:06

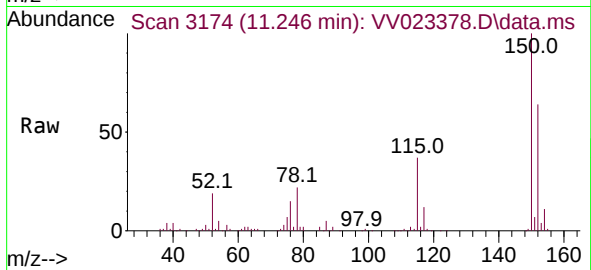
Tgt Ion: 105 Resp: 3557
Ion Ratio Lower Upper
105 100
120 27.8 21.7 32.5
77 17.7 12.6 19.0





#61
 1,2,3-Trichloropropane
 Concen: 1.702 ug/L
 RT: 11.246 min Scan# 31
 Delta R.T. 0.971 min
 Lab File: VV023378.D
 Acq: 11 Nov 2021 11:06

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 75 Resp: 6474
 Ion Ratio Lower Upper
 75 100
 77 29.5 26.6 39.8
 110 0.7 31.8 47.6#

