

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV032923\
 Data File : VV030335.D
 Acq On : 29 Mar 2023 18:34
 Operator : SY/MD
 Sample : 02092-11
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 CB977

Quant Time: Mar 30 02:13:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Mar 30 01:55:26 2023
 Response via : Initial Calibration

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

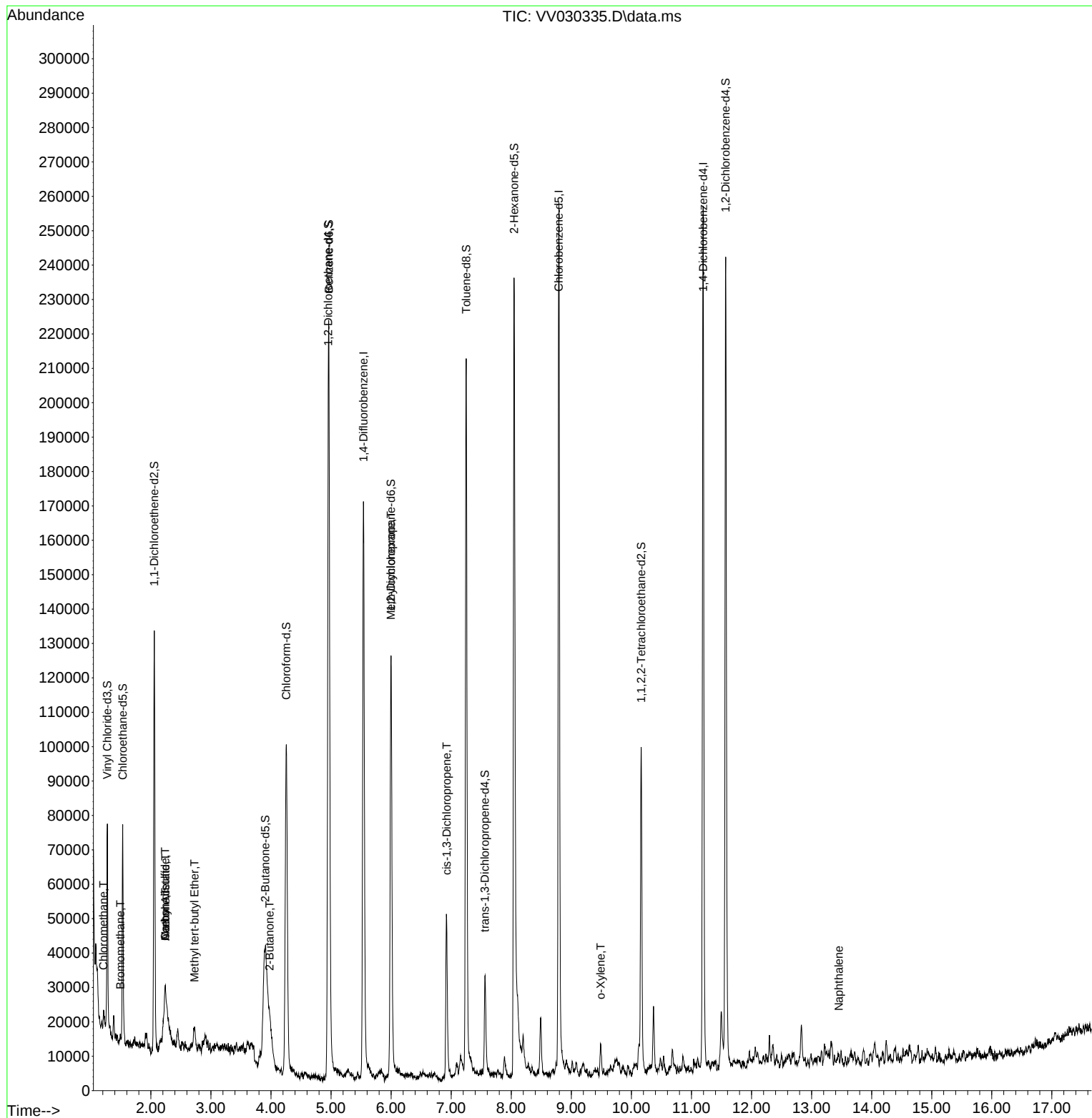
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	138856	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	133430	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	67290	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	37097	4.034	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.600%
7) Chloroethane-d5	1.532	69	39626	4.440	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.800%
11) 1,1-Dichloroethene-d2	2.056	63	64972	2.977	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.600%#
20) 2-Butanone-d5	3.905	46	119375	50.220	ug/L	0.07
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.440%
24) Chloroform-d	4.256	84	98793	4.438	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.800%
26) 1,2-Dichloroethane-d4	4.953	65	50352	4.795	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.800%
32) Benzene-d6	4.963	84	171790	4.569	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.400%
36) 1,2-Dichloropropane-d6	5.998	67	57450	4.880	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.600%
41) Toluene-d8	7.249	98	141203	4.089	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.800%
43) trans-1,3-Dichloroprop...	7.561	79	17438	3.935	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.600%
46) 2-Hexanone-d5	8.047	63	87413	49.083	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.160%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	44012	4.744	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.800%
66) 1,2-Dichlorobenzene-d4	11.571	152	60989	5.071	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.400%
Target Compounds						Qvalue
3) Chloromethane	1.211	50	4342	0.195	ug/L	96
6) Bromomethane	1.491	94	633	0.137	ug/L	82
13) Acetone	2.243	43	60016	26.403	ug/L	90
14) Carbon disulfide	2.240	76	4784	0.125	ug/L #	94
15) Methyl Acetate	2.243	43	60113	14.799	ug/L #	47
17) Methyl tert-butyl Ether	2.725	73	6886	0.280	ug/L #	84
21) 2-Butanone	3.979	43	22381	7.823	ug/L	77
35) Methylcyclohexane	5.995	83	13956	0.696	ug/L #	17
39) cis-1,3-Dichloropropene	6.924	75	1564	0.091	ug/L #	42
54) o-Xylene	9.487	106	2198	0.109	ug/L	89
71) Naphthalene	13.455	128	1311	0.062	ug/L #	88

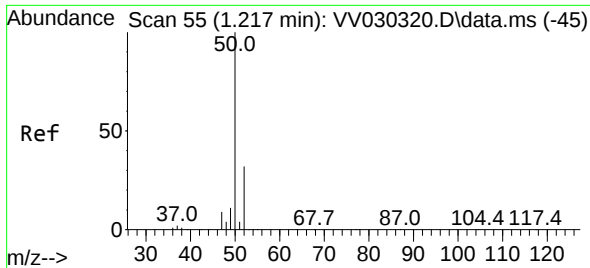
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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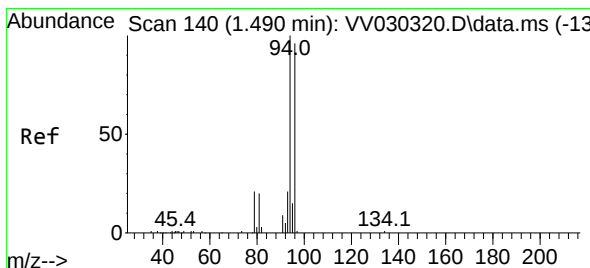
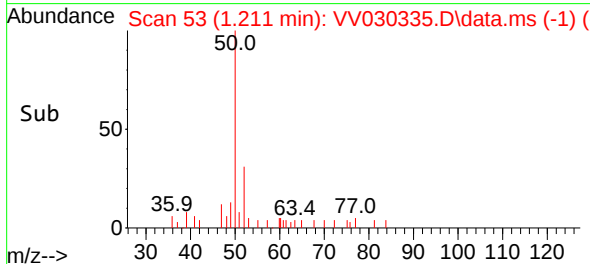
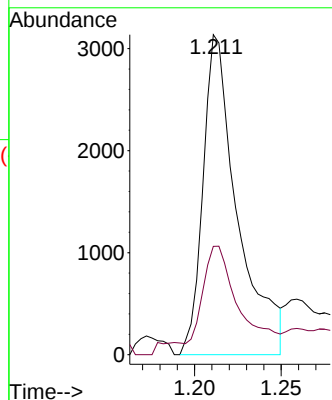
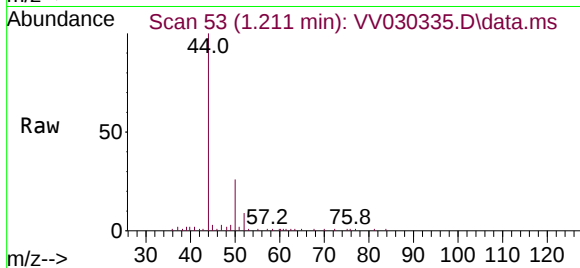




#3
Chloromethane
Concen: 0.195 ug/L
RT: 1.211 min Scan# 51
Delta R.T. -0.006 min
Lab File: VV030335.D
Acq: 29 Mar 2023 18:34

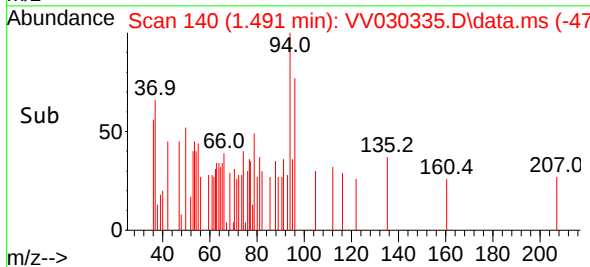
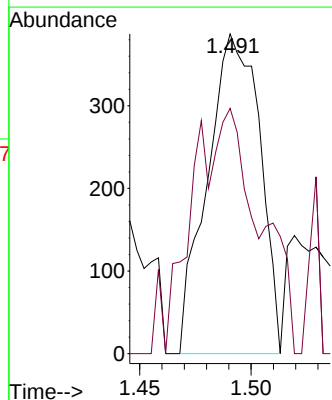
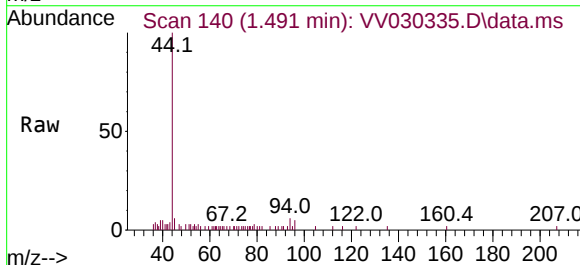
Instrument :
MSVOA_V
ClientSampleId :
CB977

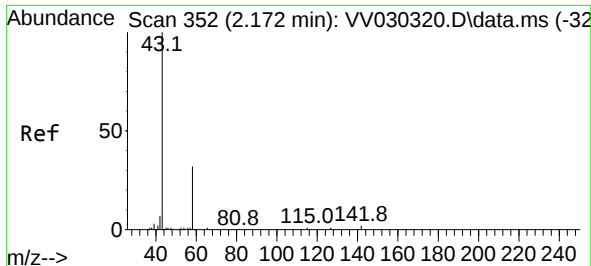
Tgt Ion: 50 Resp: 4342
Ion Ratio Lower Upper
50 100
52 33.9 22.3 41.5



#6
Bromomethane
Concen: 0.137 ug/L
RT: 1.491 min Scan# 140
Delta R.T. 0.000 min
Lab File: VV030335.D
Acq: 29 Mar 2023 18:34

Tgt Ion: 94 Resp: 633
Ion Ratio Lower Upper
94 100
96 76.7 66.1 122.7





#13

Acetone

Concen: 26.403 ug/L

RT: 2.243 min Scan# 31

Delta R.T. 0.071 min

Lab File: VV030335.D

Acq: 29 Mar 2023 18:34

Instrument :

MSVOA_V

ClientSampleId :

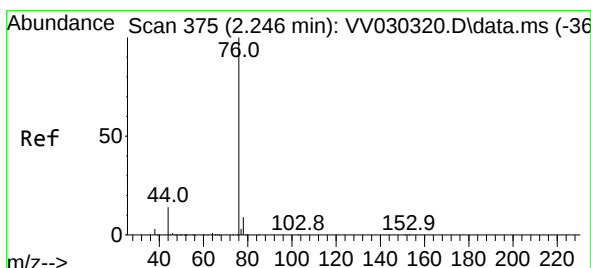
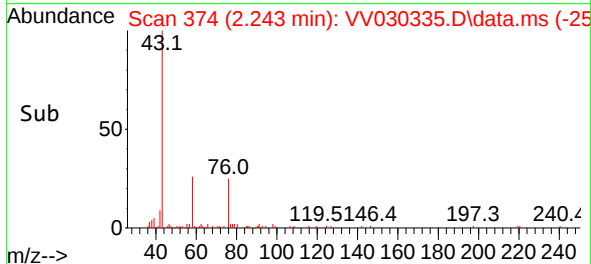
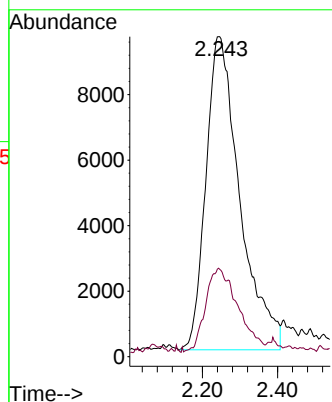
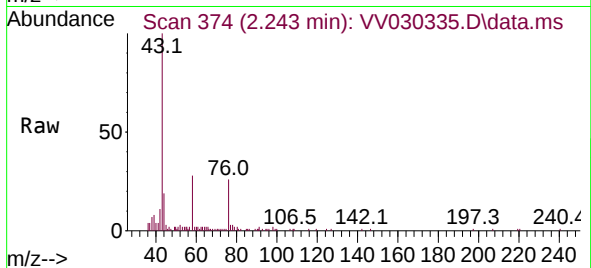
CB977

Tgt Ion: 43 Resp: 60016

Ion Ratio Lower Upper

43 100

58 25.0 0.0 40.8



#14

Carbon disulfide

Concen: 0.125 ug/L

RT: 2.240 min Scan# 373

Delta R.T. -0.006 min

Lab File: VV030335.D

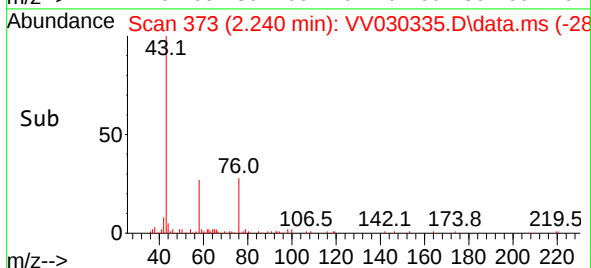
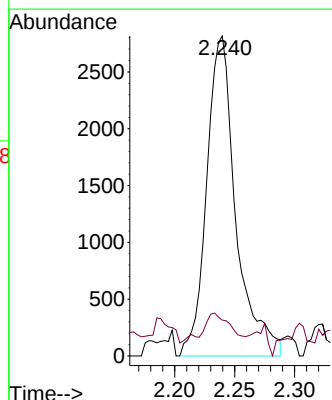
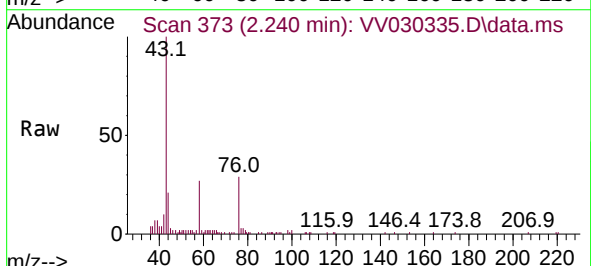
Acq: 29 Mar 2023 18:34

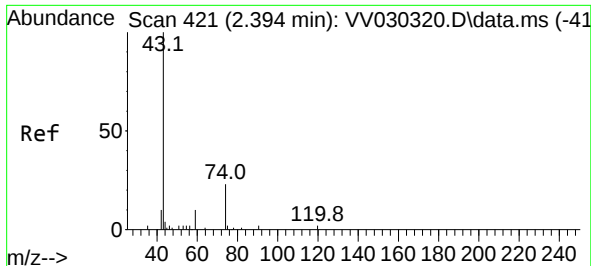
Tgt Ion: 76 Resp: 4784

Ion Ratio Lower Upper

76 100

78 11.2 7.3 10.9#

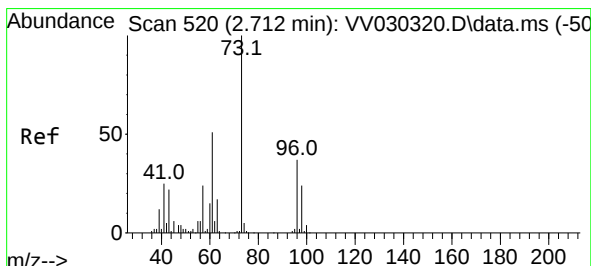
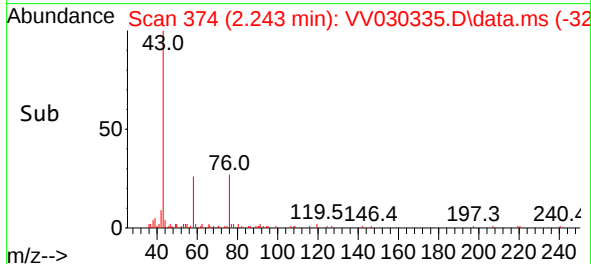
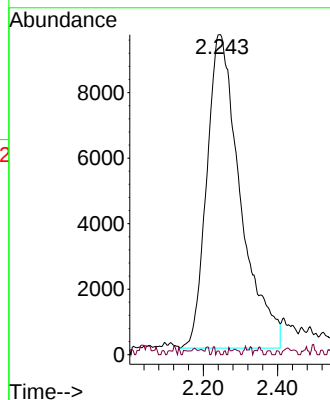
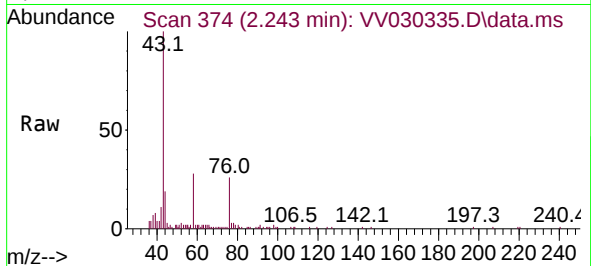




#15
Methyl Acetate
Concen: 14.799 ug/L
RT: 2.243 min Scan# 31
Delta R.T. -0.151 min
Lab File: VV030335.D
Acq: 29 Mar 2023 18:34

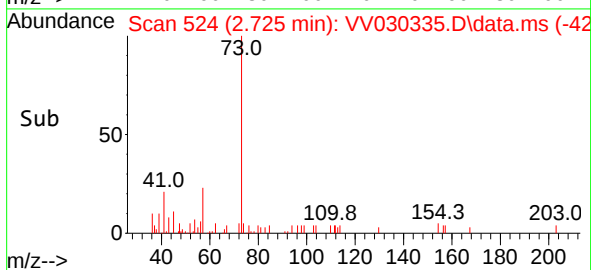
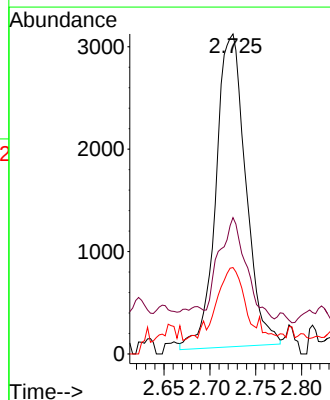
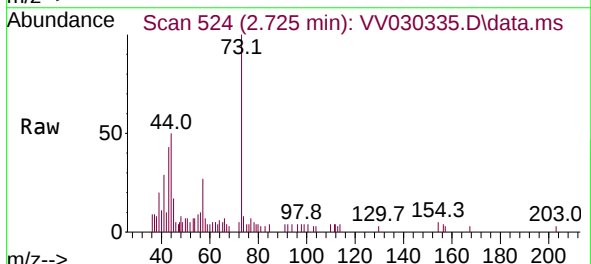
Instrument :
MSVOA_V
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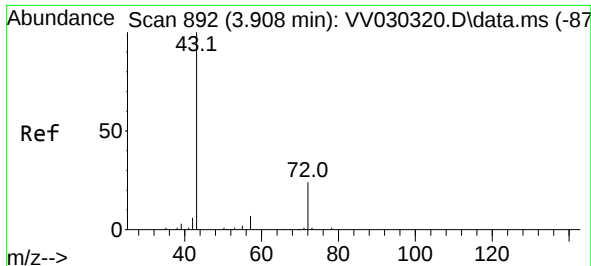
Tgt Ion: 43 Resp: 60113
Ion Ratio Lower Upper
43 100
74 0.1 22.1 33.1#



#17
Methyl tert-butyl Ether
Concen: 0.280 ug/L
RT: 2.725 min Scan# 524
Delta R.T. 0.013 min
Lab File: VV030335.D
Acq: 29 Mar 2023 18:34

Tgt Ion: 73 Resp: 6886
Ion Ratio Lower Upper
73 100
43 29.5 17.4 26.2#
57 15.3 18.3 27.5#

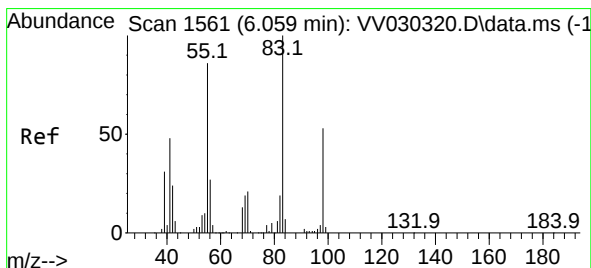
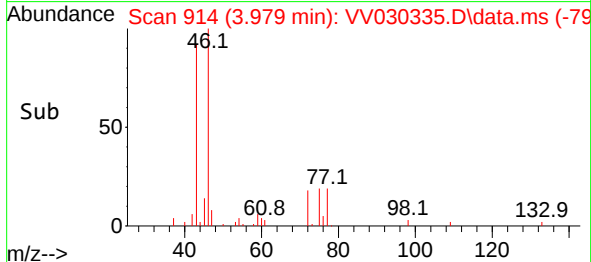
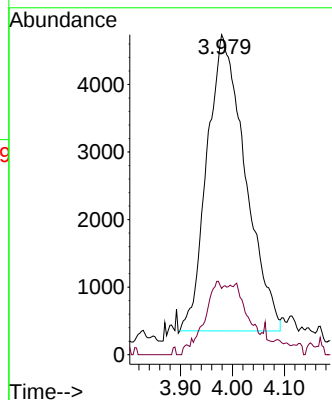
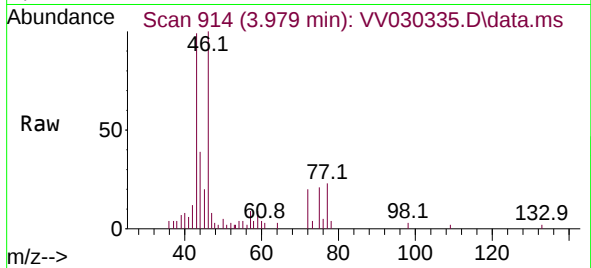




#21
2-Butanone
Concen: 7.823 ug/L
RT: 3.979 min Scan# 914
Delta R.T. 0.071 min
Lab File: VV030335.D
Acq: 29 Mar 2023 18:34

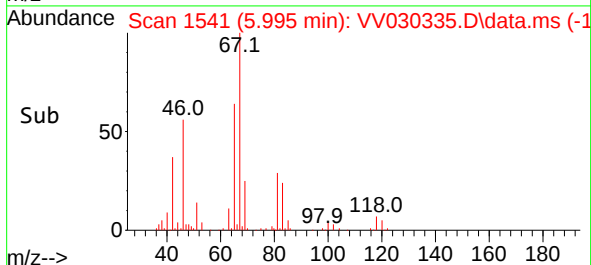
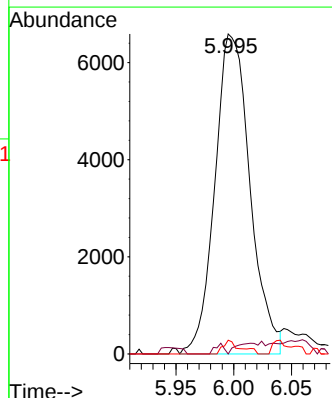
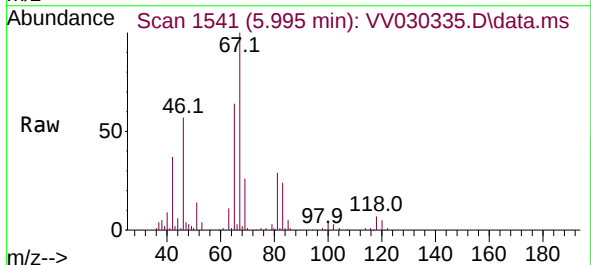
Instrument :
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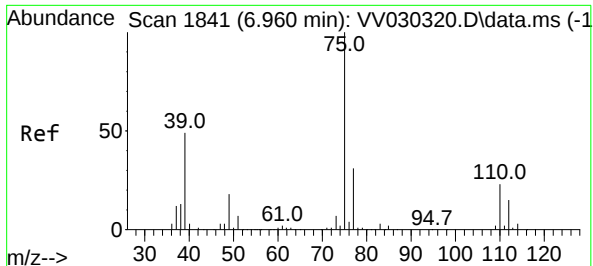
Tgt Ion: 43 Resp: 22381
Ion Ratio Lower Upper
43 100
72 11.2 11.2 33.5



#35
Methylcyclohexane
Concen: 0.696 ug/L
RT: 5.995 min Scan# 1541
Delta R.T. -0.064 min
Lab File: VV030335.D
Acq: 29 Mar 2023 18:34

Tgt Ion: 83 Resp: 13956
Ion Ratio Lower Upper
83 100
55 0.8 66.6 100.0#
98 1.8 38.6 58.0#





#39

cis-1,3-Dichloropropene

Concen: 0.091 ug/L

RT: 6.924 min Scan# 1830

Delta R.T. -0.035 min

Lab File: VV030335.D

Acq: 29 Mar 2023 18:34

Instrument :

MSVOA_V

ClientSampleId :

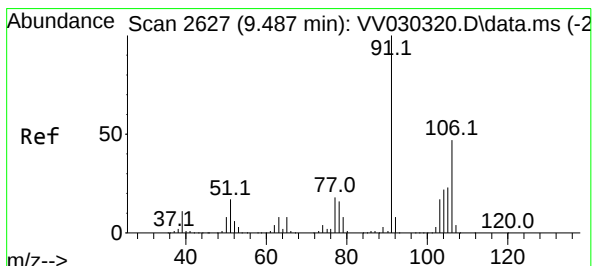
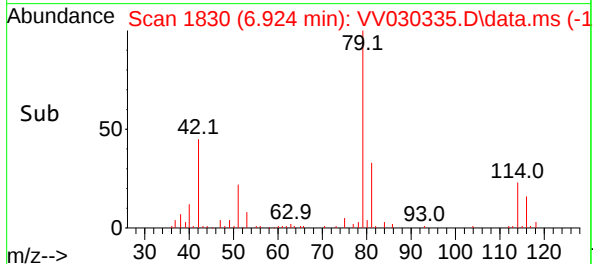
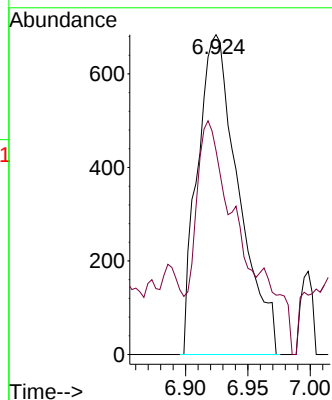
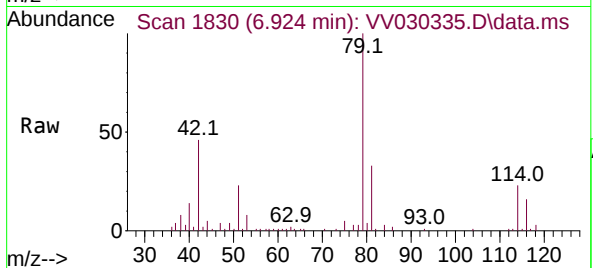
CB977

Tgt Ion: 75 Resp: 1564

Ion Ratio Lower Upper

75 100

77 63.7 22.0 41.0#



#54

o-Xylene

Concen: 0.109 ug/L

RT: 9.487 min Scan# 2627

Delta R.T. 0.000 min

Lab File: VV030335.D

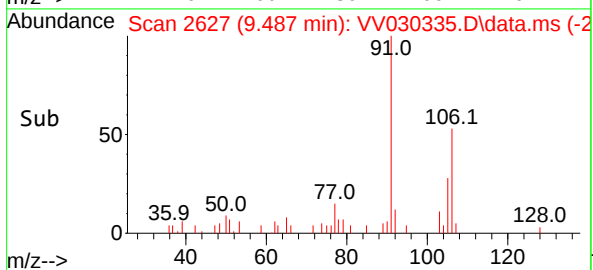
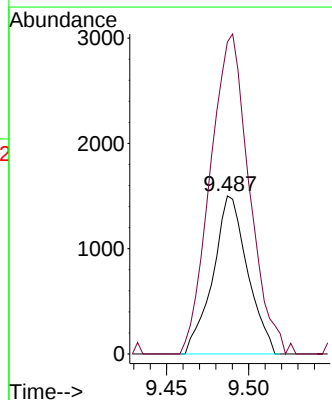
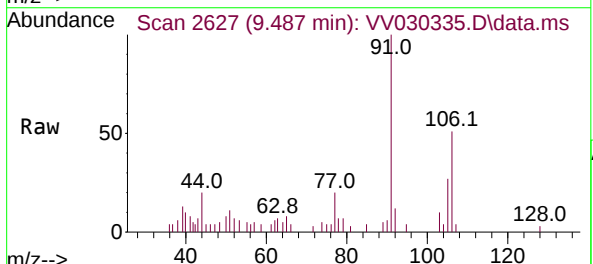
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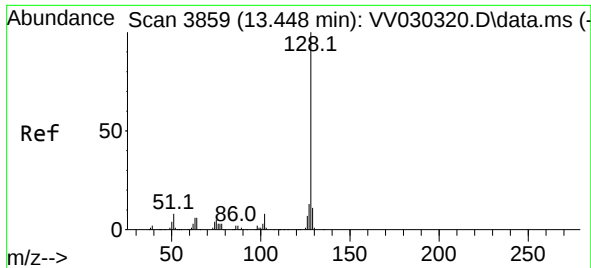
Tgt Ion: 106 Resp: 2198

Ion Ratio Lower Upper

106 100

91 197.3 149.8 278.2





#71
Naphthalene
Concen: 0.062 ug/L
RT: 13.455 min Scan# 3861
Delta R.T. 0.007 min
Lab File: VV030335.D
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Instrument :
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ClientSampleId :
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Tgt Ion:128 Resp: 1311
Ion Ratio Lower Upper
128 100
129 17.6 8.9 13.3#
127 16.7 10.8 16.2#

