

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV110624\
 Data File : VV037935.D
 Acq On : 06 Nov 2024 17:58
 Operator : SY/MD
 Sample : P4714-17
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 06 22:47:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 06 22:44:19 2024
 Response via : Initial Calibration

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

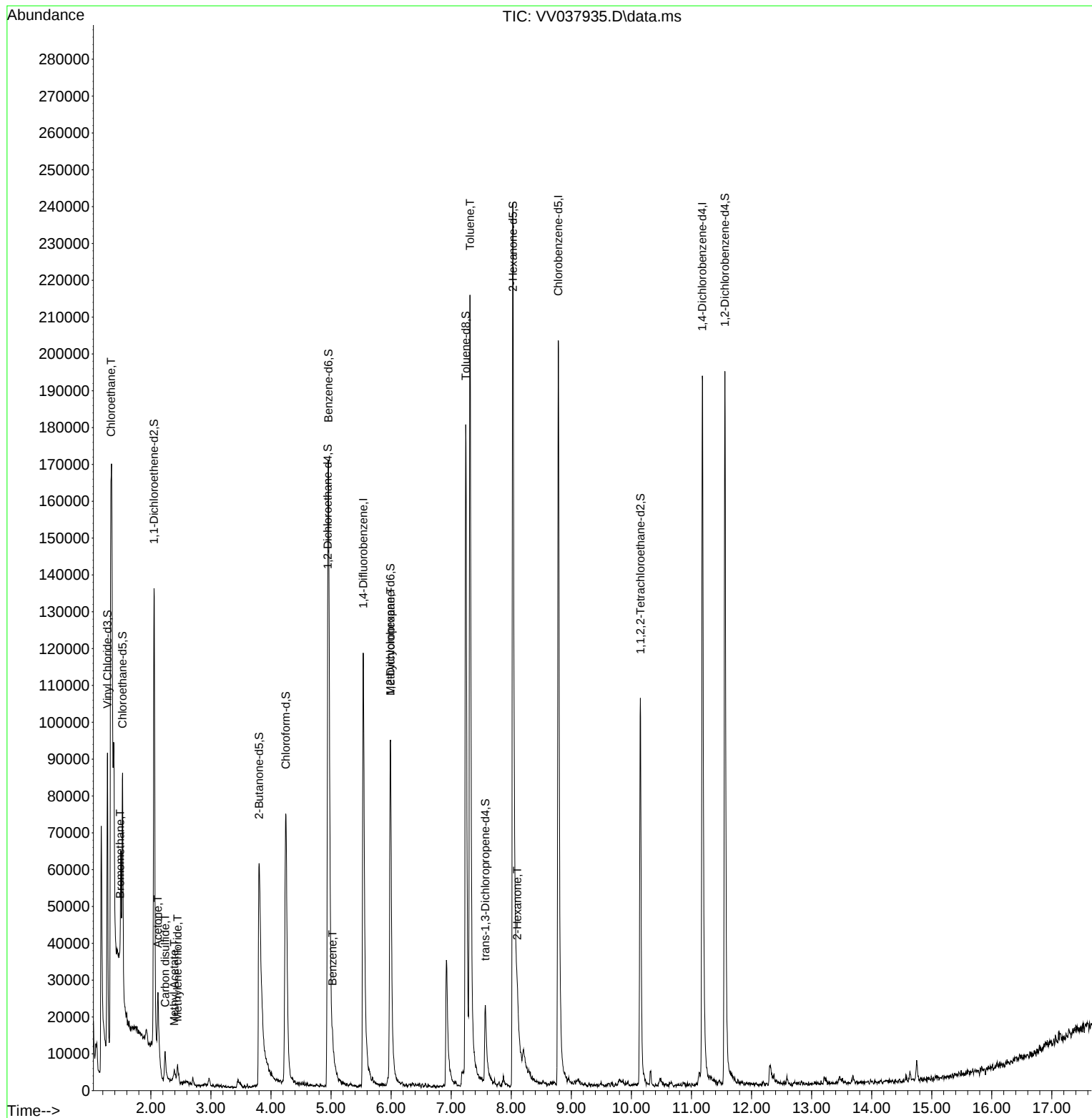
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	118712	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	127824	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	57721	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	48403	5.327	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 106.600%		
7) Chloroethane-d5	1.529	69	38677	5.223	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 104.400%		
11) 1,1-Dichloroethene-d2	2.053	65	21587	5.475	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 109.400%		
20) 2-Butanone-d5	3.802	46	130131	76.839	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 153.680%#		
24) Chloroform-d	4.246	84	85758	5.178	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 103.600%		
26) 1,2-Dichloroethane-d4	4.944	65	45712	6.175	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 123.600%		
32) Benzene-d6	4.956	84	161253	4.892	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 97.800%		
36) 1,2-Dichloropropane-d6	5.989	67	52515	5.455	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 109.200%		
41) Toluene-d8	7.243	98	135557	4.576	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 91.600%		
43) trans-1,3-Dichloroprop...	7.567	79	17669	4.747	ug/L	0.02
Spiked Amount	5.000	Range 55 - 130	Recovery	= 95.000%		
46) 2-Hexanone-d5	8.027	63	94554	65.367	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 130.740%#		
56) 1,1,2,2-Tetrachloroeth...	10.149	84	55847	7.196	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 144.000%#		
66) 1,2-Dichlorobenzene-d4	11.557	152	53370	5.606	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 112.200%		
Target Compounds						
						Qvalue
6) Bromomethane	1.487	94	1163	0.185	ug/L	87
8) Chloroethane	1.336	64	301538	45.676	ug/L #	50
13) Acetone	2.117	43	21210	17.643	ug/L	94
14) Carbon disulfide	2.236	76	10164	0.369	ug/L	99
15) Methyl Acetate	2.387	43	4430	1.557	ug/L	99
16) Methylene chloride	2.442	84	1670	0.176	ug/L	98
33) Benzene	5.024	78	7875	0.224	ug/L	100
35) Methylcyclohexane	5.989	83	13135	0.906	ug/L #	20
42) Toluene	7.313	91	175950	4.734	ug/L	98
48) 2-Hexanone	8.101	43	12303	3.937	ug/L #	63

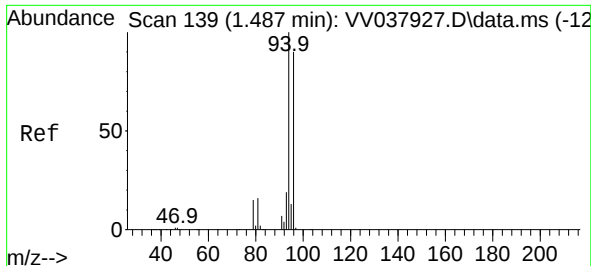
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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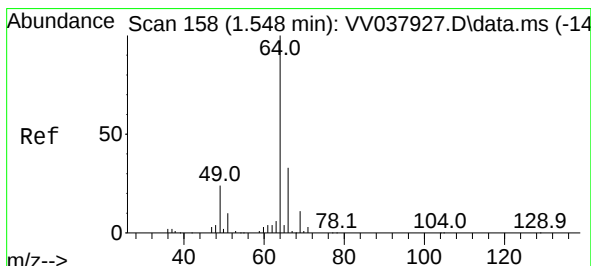
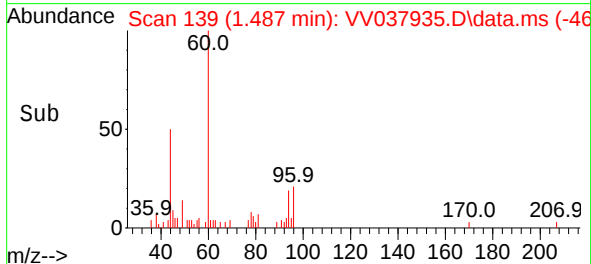
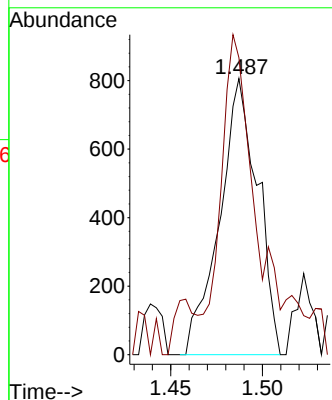
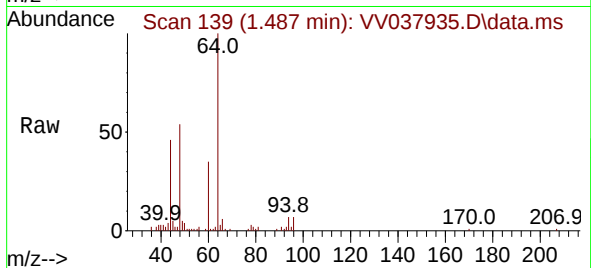




#6
Bromomethane
Concen: 0.185 ug/L
RT: 1.487 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV037935.D
Acq: 06 Nov 2024 17:58

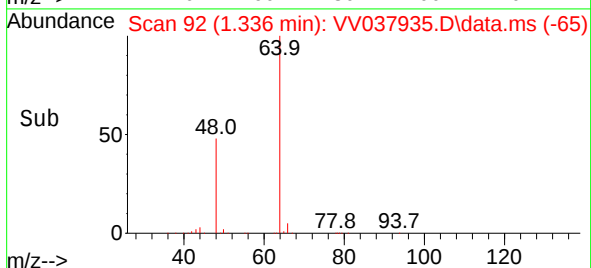
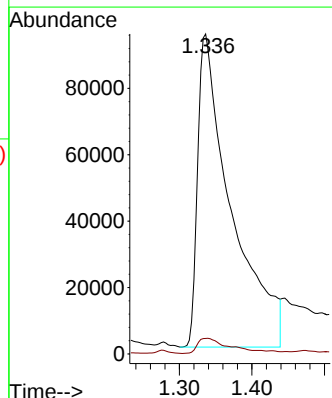
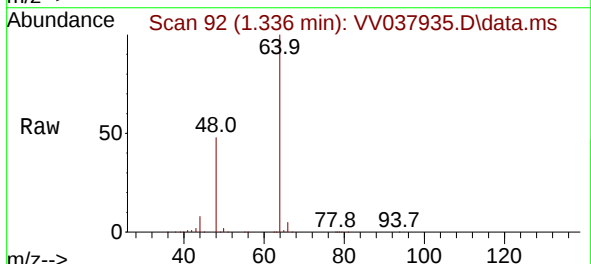
Instrument :
MSVOA_V
ClientSampleId :

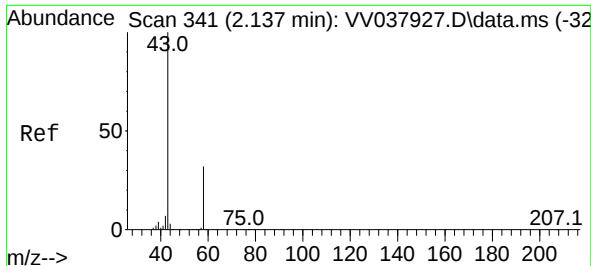
Tgt Ion: 94 Resp: 1163
Ion Ratio Lower Upper
94 100
96 107.6 66.3 123.1



#8
Chloroethane
Concen: 45.676 ug/L
RT: 1.336 min Scan# 92
Delta R.T. -0.212 min
Lab File: VV037935.D
Acq: 06 Nov 2024 17:58

Tgt Ion: 64 Resp: 301538
Ion Ratio Lower Upper
64 100
66 4.8 23.0 42.8#





#13

Acetone

Concen: 17.643 ug/L

RT: 2.117 min Scan# 341

Delta R.T. -0.019 min

Lab File: VV037935.D

Acq: 06 Nov 2024 17:58

Instrument :

MSVOA_V

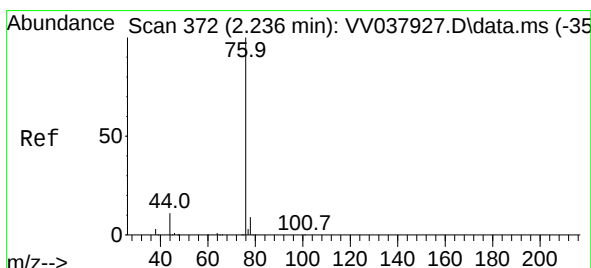
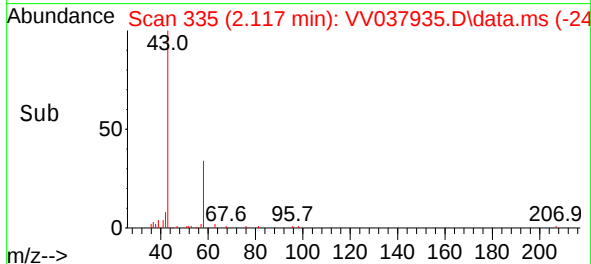
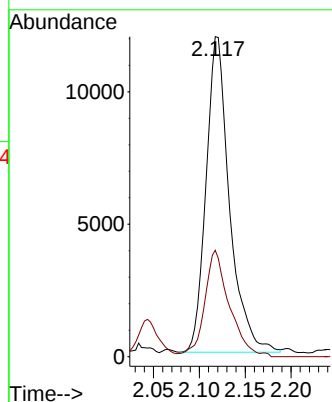
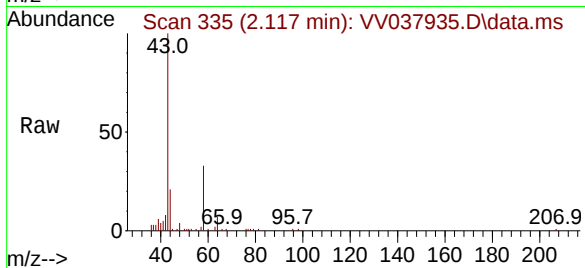
ClientSampleId :

Tgt Ion: 43 Resp: 21210

Ion Ratio Lower Upper

43 100

58 35.6 0.0 64.6



#14

Carbon disulfide

Concen: 0.369 ug/L

RT: 2.236 min Scan# 372

Delta R.T. -0.000 min

Lab File: VV037935.D

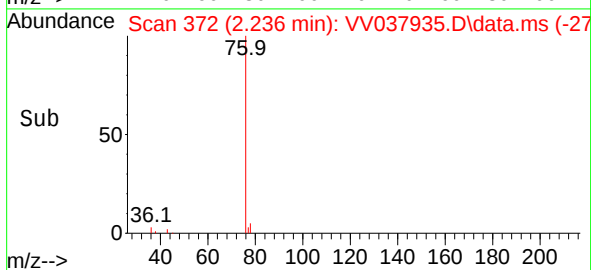
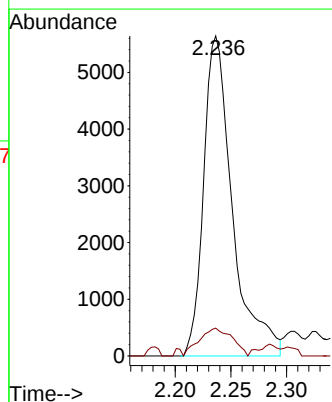
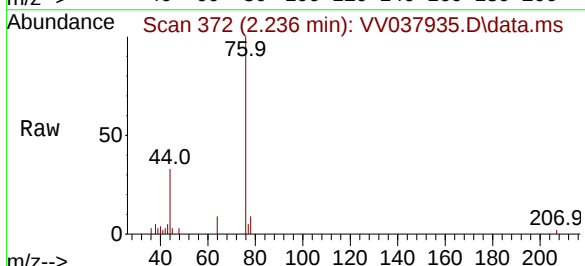
Acq: 06 Nov 2024 17:58

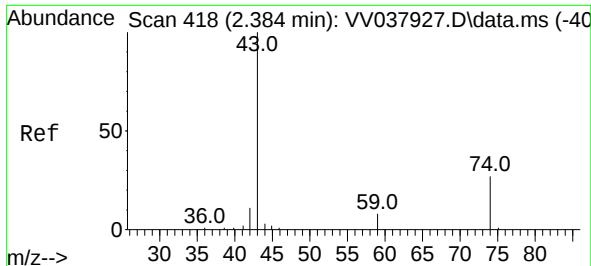
Tgt Ion: 76 Resp: 10164

Ion Ratio Lower Upper

76 100

78 8.7 7.3 10.9





#15

Methyl Acetate

Concen: 1.557 ug/L

RT: 2.387 min Scan# 418

Delta R.T. 0.003 min

Lab File: VV037935.D

Acq: 06 Nov 2024 17:58

Instrument :

MSVOA_V

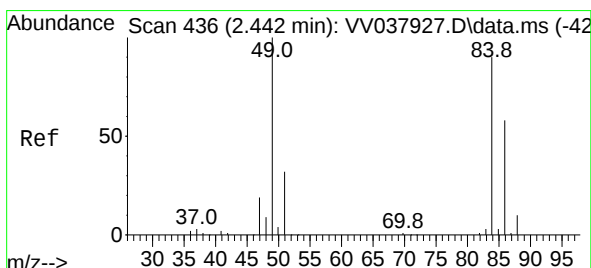
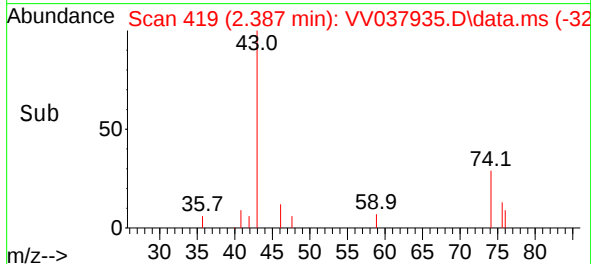
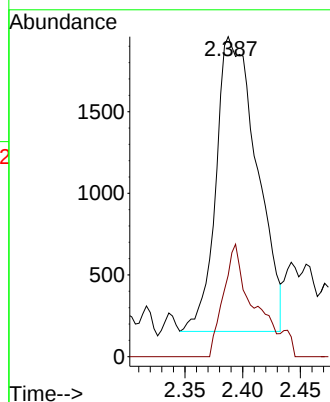
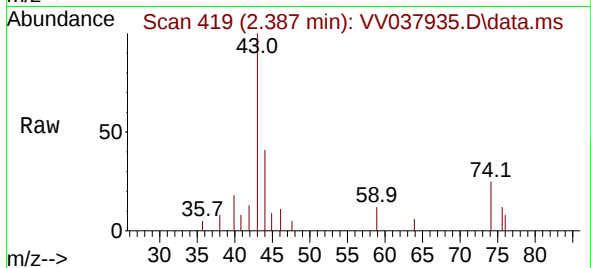
ClientSampleId :

Tgt Ion: 43 Resp: 4430

Ion Ratio Lower Upper

43 100

74 27.9 21.8 32.8



#16

Methylene chloride

Concen: 0.176 ug/L

RT: 2.442 min Scan# 436

Delta R.T. -0.000 min

Lab File: VV037935.D

Acq: 06 Nov 2024 17:58

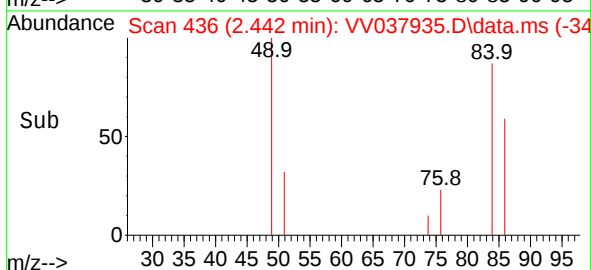
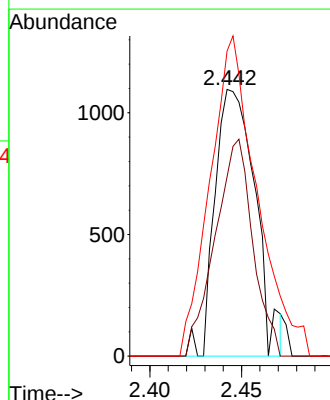
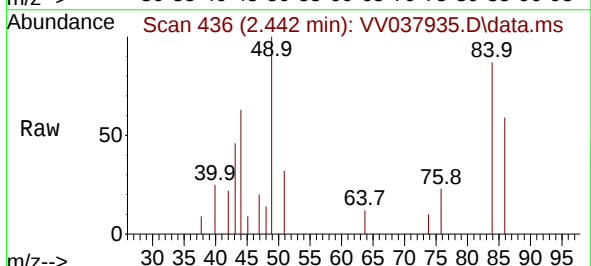
Tgt Ion: 84 Resp: 1670

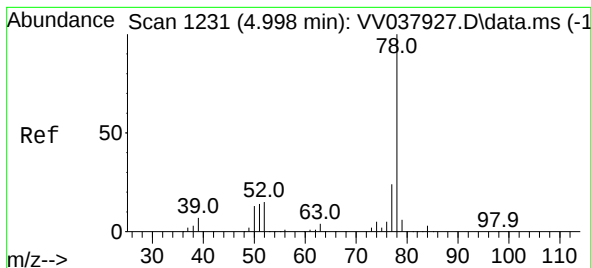
Ion Ratio Lower Upper

84 100

86 67.2 45.0 83.6

49 114.4 79.2 147.2





#33

Benzene

Concen: 0.224 ug/L

RT: 5.024 min Scan# 1539

Delta R.T. 0.026 min

Lab File: VV037935.D

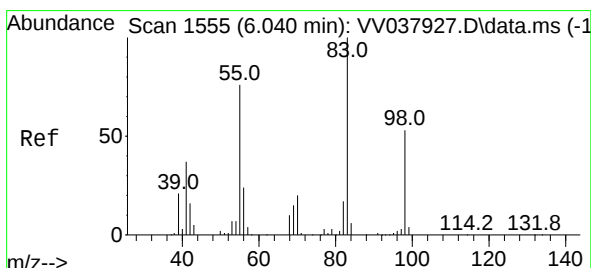
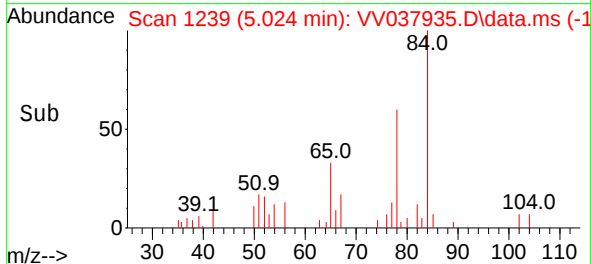
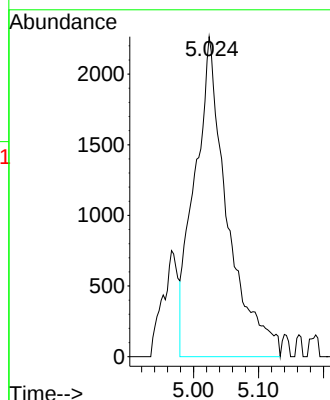
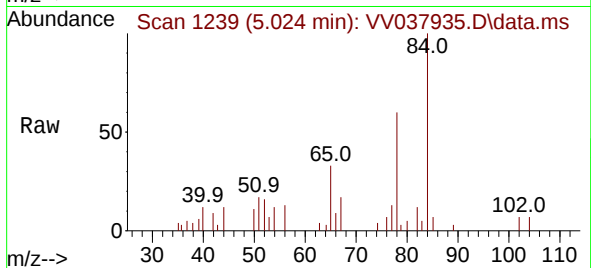
Acq: 06 Nov 2024 17:58

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 78 Resp: 7875



#35

Methylcyclohexane

Concen: 0.906 ug/L

RT: 5.989 min Scan# 1539

Delta R.T. -0.052 min

Lab File: VV037935.D

Acq: 06 Nov 2024 17:58

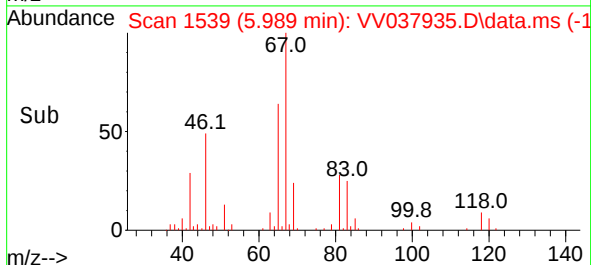
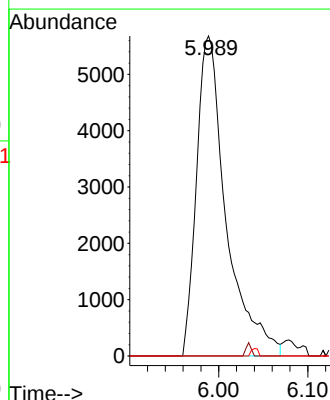
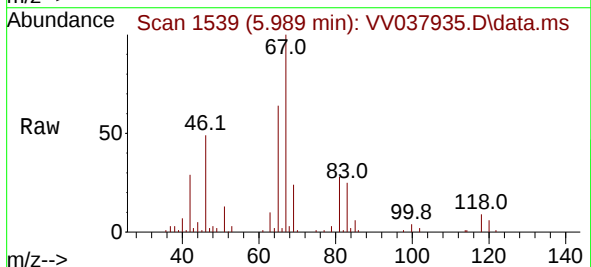
Tgt Ion: 83 Resp: 13135

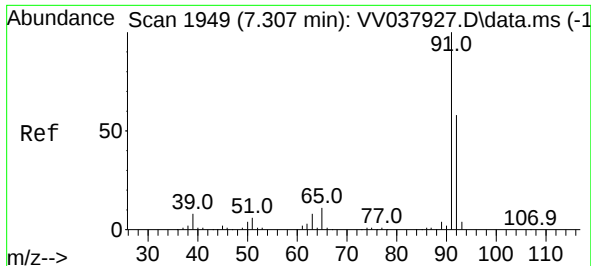
Ion Ratio Lower Upper

83 100

55 0.7 59.3 88.9#

98 0.5 38.3 57.5#

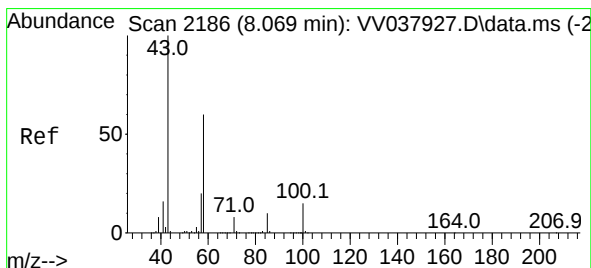
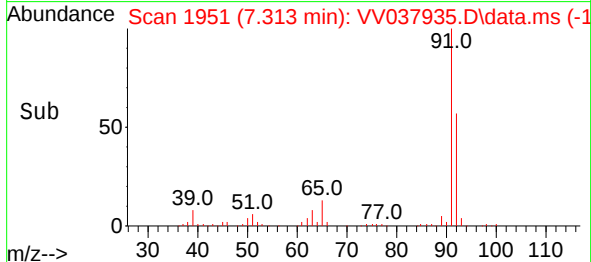
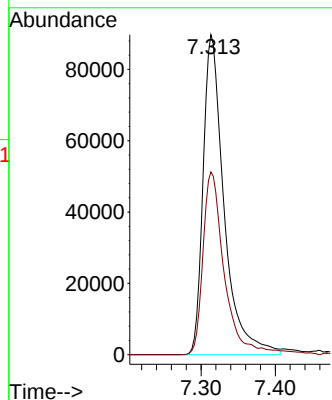
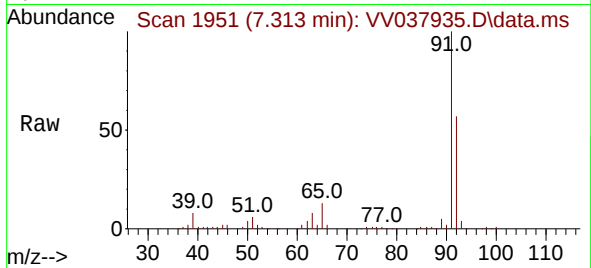




#42
Toluene
Concen: 4.734 ug/L
RT: 7.313 min Scan# 1951
Delta R.T. 0.006 min
Lab File: VV037935.D
Acq: 06 Nov 2024 17:58

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 91 Resp: 175950
Ion Ratio Lower Upper
91 100
92 57.1 40.7 75.7



#48
2-Hexanone
Concen: 3.937 ug/L
RT: 8.101 min Scan# 2196
Delta R.T. 0.032 min
Lab File: VV037935.D
Acq: 06 Nov 2024 17:58

Tgt Ion: 43 Resp: 12303
Ion Ratio Lower Upper
43 100
58 27.4 48.5 72.7#
57 4.0 16.3 24.5#
100 10.1 11.3 16.9#

