

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV053124\
 Data File : VV035935.D
 Acq On : 31 May 2024 17:13
 Operator : SY/MD
 Sample : P2663-06
 Misc : 6.12g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 31 23:04:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 31 22:59:48 2024
 Response via : Initial Calibration

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

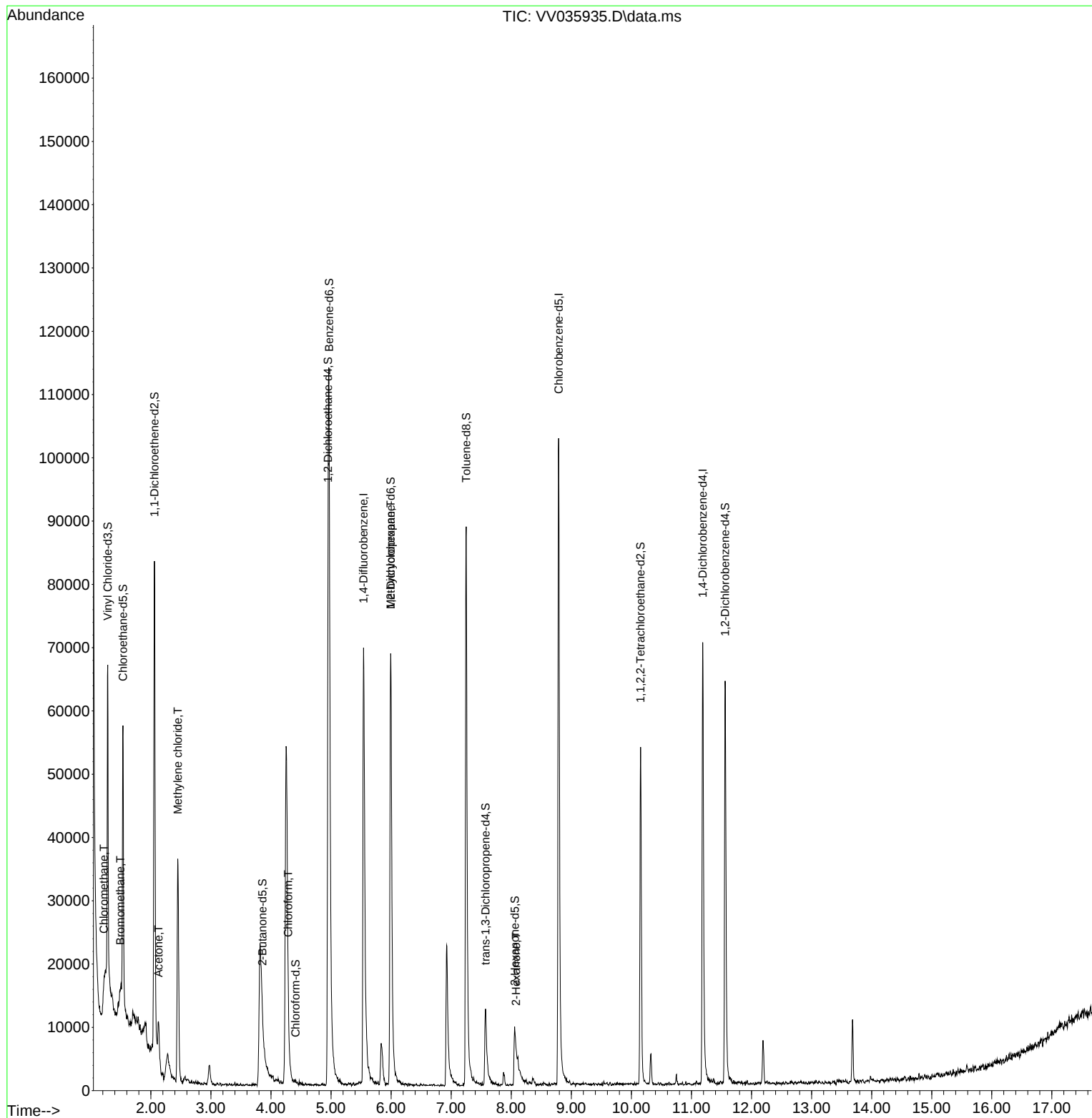
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	67204	25.000	ug/L	0.01
28) Chlorobenzene-d5	8.789	117	64201	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	21266	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	31205	25.256	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.040%
7) Chloroethane-d5	1.535	69	27885	28.304	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	113.200%
11) 1,1-Dichloroethene-d2	2.059	65	13303	24.186	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	96.760%
21) 2-Butanone-d5	3.857	46	6656	23.480	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	46.960%
24) Chloroform-d	4.410	84	156	0.073	ug/L	0.17
Spiked Amount	25.000	Range	40 - 150	Recovery	=	0.280%#
26) 1,2-Dichloroethane-d4	4.950	65	35865	32.016	ug/L	0.02
Spiked Amount	25.000	Range	70 - 130	Recovery	=	128.080%
32) Benzene-d6	4.966	84	100002	26.204	ug/L	0.01
Spiked Amount	25.000	Range	20 - 135	Recovery	=	104.800%
36) 1,2-Dichloropropane-d6	5.992	67	37001	30.788	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	123.160%#
41) Toluene-d8	7.249	98	66922	19.875	ug/L	0.01
Spiked Amount	25.000	Range	30 - 130	Recovery	=	79.480%
43) trans-1,3-Dichloroprop...	7.571	79	10257	20.815	ug/L	0.02
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.280%
47) 2-Hexanone-d5	8.059	63	3506	21.532	ug/L	0.03
Spiked Amount	50.000	Range	20 - 135	Recovery	=	43.060%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	29216	32.533	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	130.120%#
66) 1,2-Dichlorobenzene-d4	11.561	152	18736	24.025	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.120%
Target Compounds						Qvalue
3) Chloromethane	1.220	50	880	0.633	ug/L #	81
6) Bromomethane	1.494	94	541	0.596	ug/L	88
13) Acetone	2.127	43	3709	8.399	ug/L	70
16) Methylene chloride	2.449	84	16075	10.571	ug/L	99
25) Chloroform	4.288	83	3370	1.505	ug/L #	73
35) Methylcyclohexane	5.992	83	9204	5.172	ug/L #	19
48) 2-Hexanone	8.082	43	794	1.695	ug/L #	65

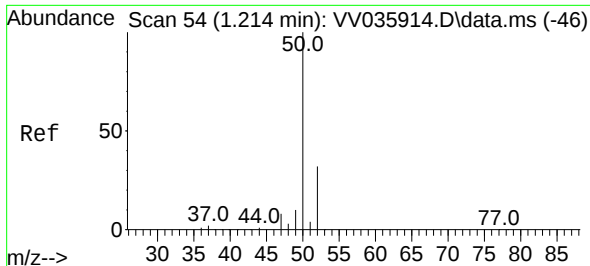
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri May 31 22:59:48 2024
Response via : Initial Calibration

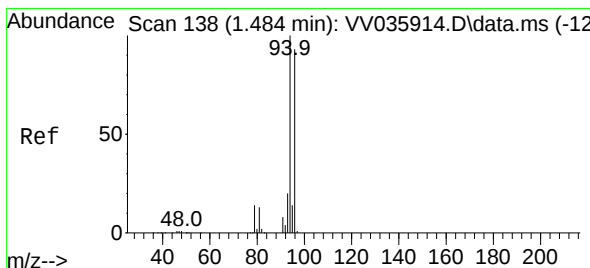
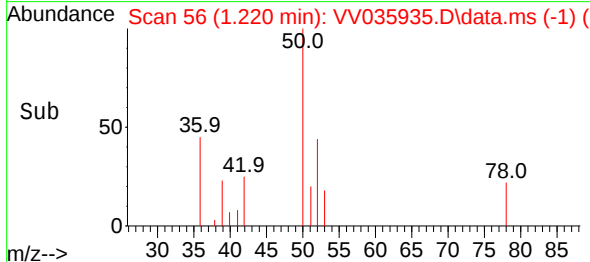
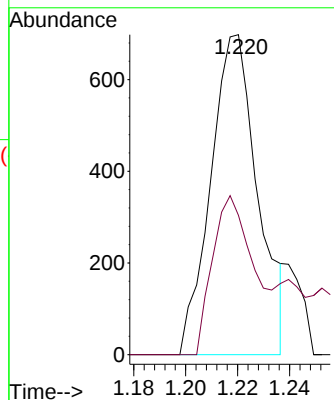
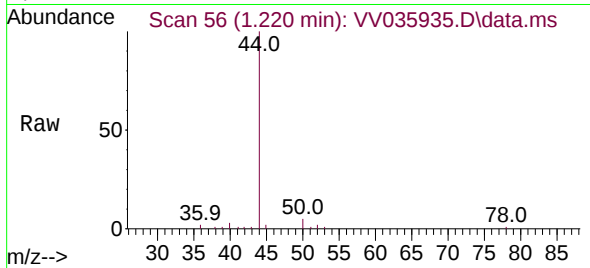




#3
Chloromethane
Concen: 0.633 ug/L
RT: 1.220 min Scan# 51
Delta R.T. 0.006 min
Lab File: VV035935.D
Acq: 31 May 2024 17:13

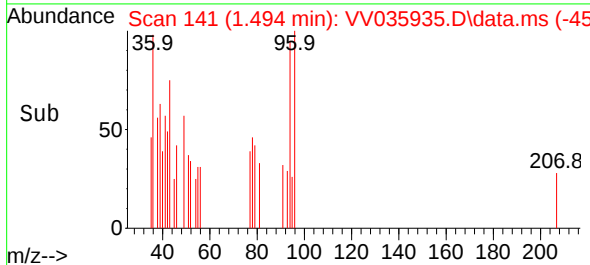
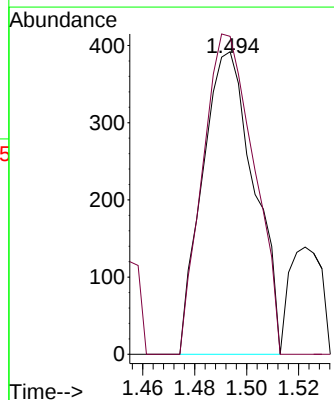
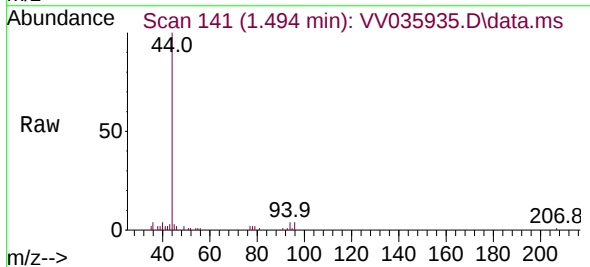
Instrument :
MSVOA_V
ClientSampleId :

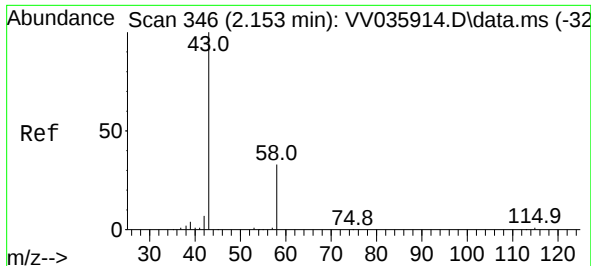
Tgt Ion: 50 Resp: 880
Ion Ratio Lower Upper
50 100
52 43.6 22.8 42.4#



#6
Bromomethane
Concen: 0.596 ug/L
RT: 1.494 min Scan# 141
Delta R.T. 0.010 min
Lab File: VV035935.D
Acq: 31 May 2024 17:13

Tgt Ion: 94 Resp: 541
Ion Ratio Lower Upper
94 100
96 105.1 65.7 122.1

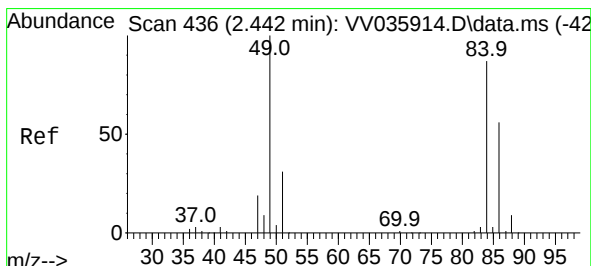
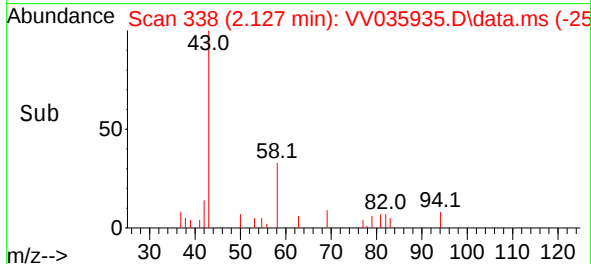
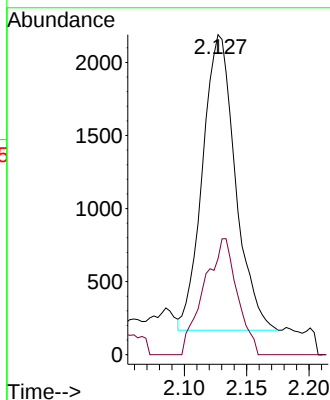
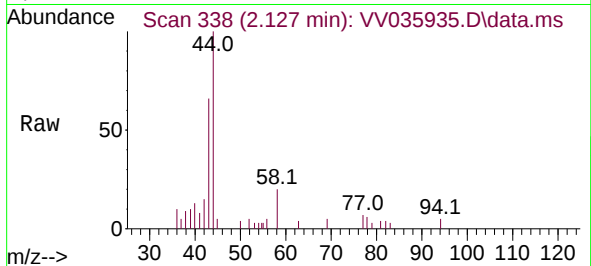




#13
Acetone
Concen: 8.399 ug/L
RT: 2.127 min Scan# 341
Delta R.T. -0.026 min
Lab File: VV035935.D
Acq: 31 May 2024 17:13

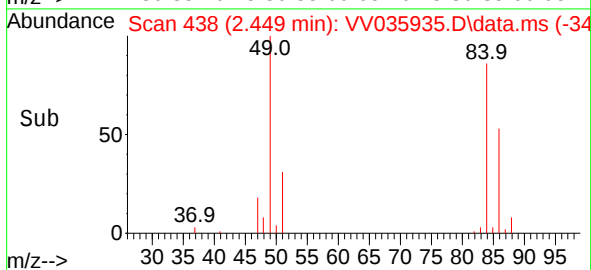
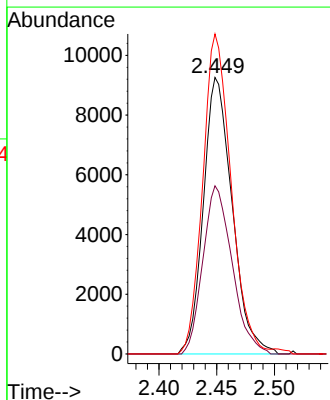
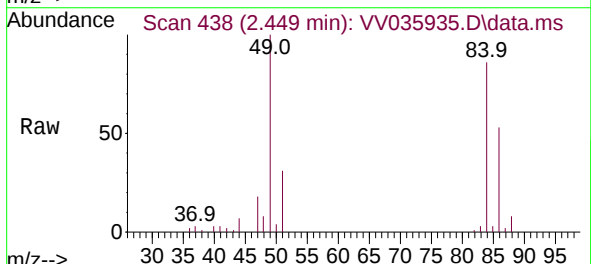
Instrument :
MSVOA_V
ClientSampleId :

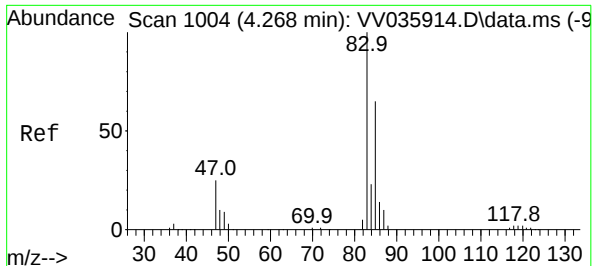
Tgt Ion: 43 Resp: 3709
Ion Ratio Lower Upper
43 100
58 23.7 0.0 24.2



#16
Methylene chloride
Concen: 10.571 ug/L
RT: 2.449 min Scan# 438
Delta R.T. 0.006 min
Lab File: VV035935.D
Acq: 31 May 2024 17:13

Tgt Ion: 84 Resp: 16075
Ion Ratio Lower Upper
84 100
86 60.9 44.6 82.8
49 115.8 81.1 150.5





#25

Chloroform

Concen: 1.505 ug/L

RT: 4.288 min Scan# 1

Delta R.T. 0.019 min

Lab File: VV035935.D

Acq: 31 May 2024 17:13

Instrument :

MSVOA_V

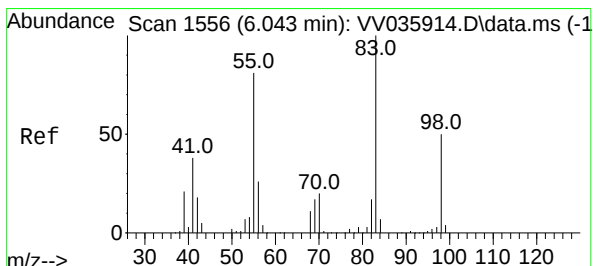
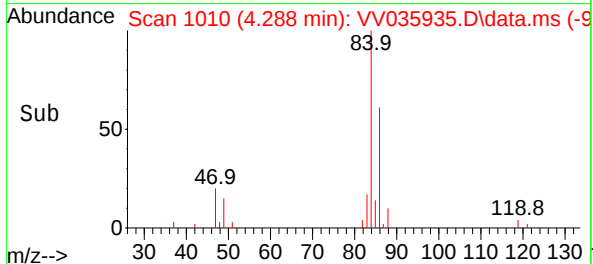
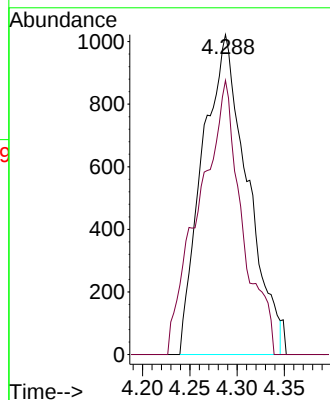
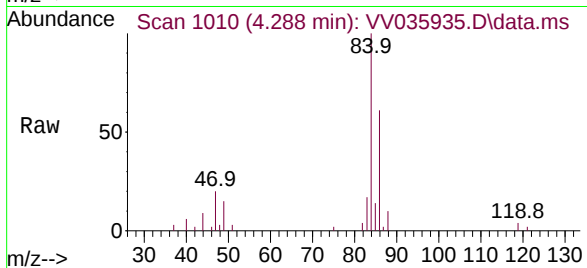
ClientSampleId :

Tgt Ion: 83 Resp: 3370

Ion Ratio Lower Upper

83 100

85 85.7 45.2 84.0#



#35

Methylcyclohexane

Concen: 5.172 ug/L

RT: 5.992 min Scan# 1540

Delta R.T. -0.051 min

Lab File: VV035935.D

Acq: 31 May 2024 17:13

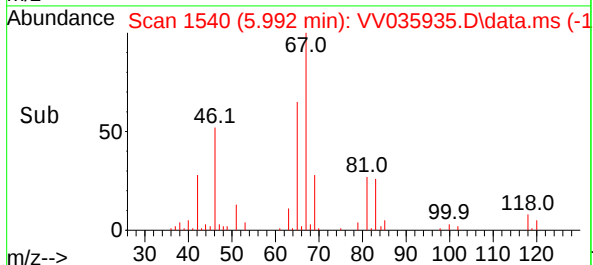
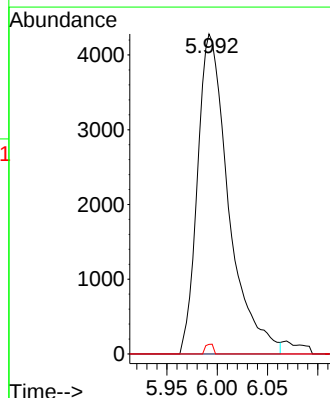
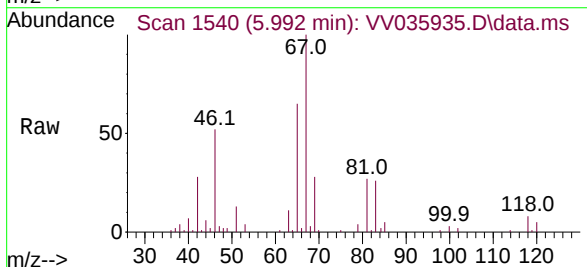
Tgt Ion: 83 Resp: 9204

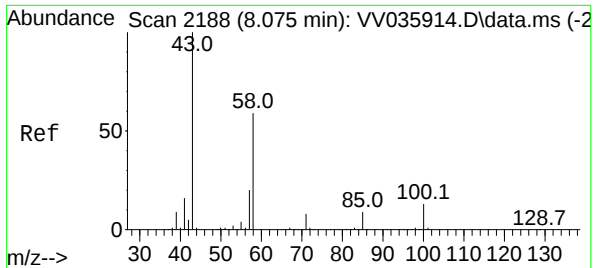
Ion Ratio Lower Upper

83 100

55 0.0 60.7 91.1#

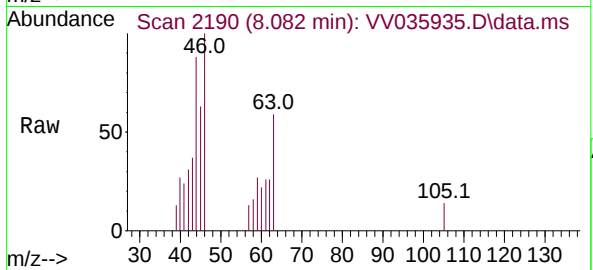
98 0.8 38.7 58.1#





#48
 2-Hexanone
 Concen: 1.695 ug/L
 RT: 8.082 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VV035935.D
 Acq: 31 May 2024 17:13

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 43	Resp: 794
Ion Ratio	Lower Upper
43 100	
58 23.8	45.4 68.0#
57 16.0	15.8 23.8
100 0.0	9.8 14.8#

