

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV053024\
 Data File : VV035911.D
 Acq On : 30 May 2024 21:20
 Operator : SY/MD
 Sample : P2659-12
 Misc : 4.13g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 31 00:56:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 31 00:49:35 2024
 Response via : Initial Calibration

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

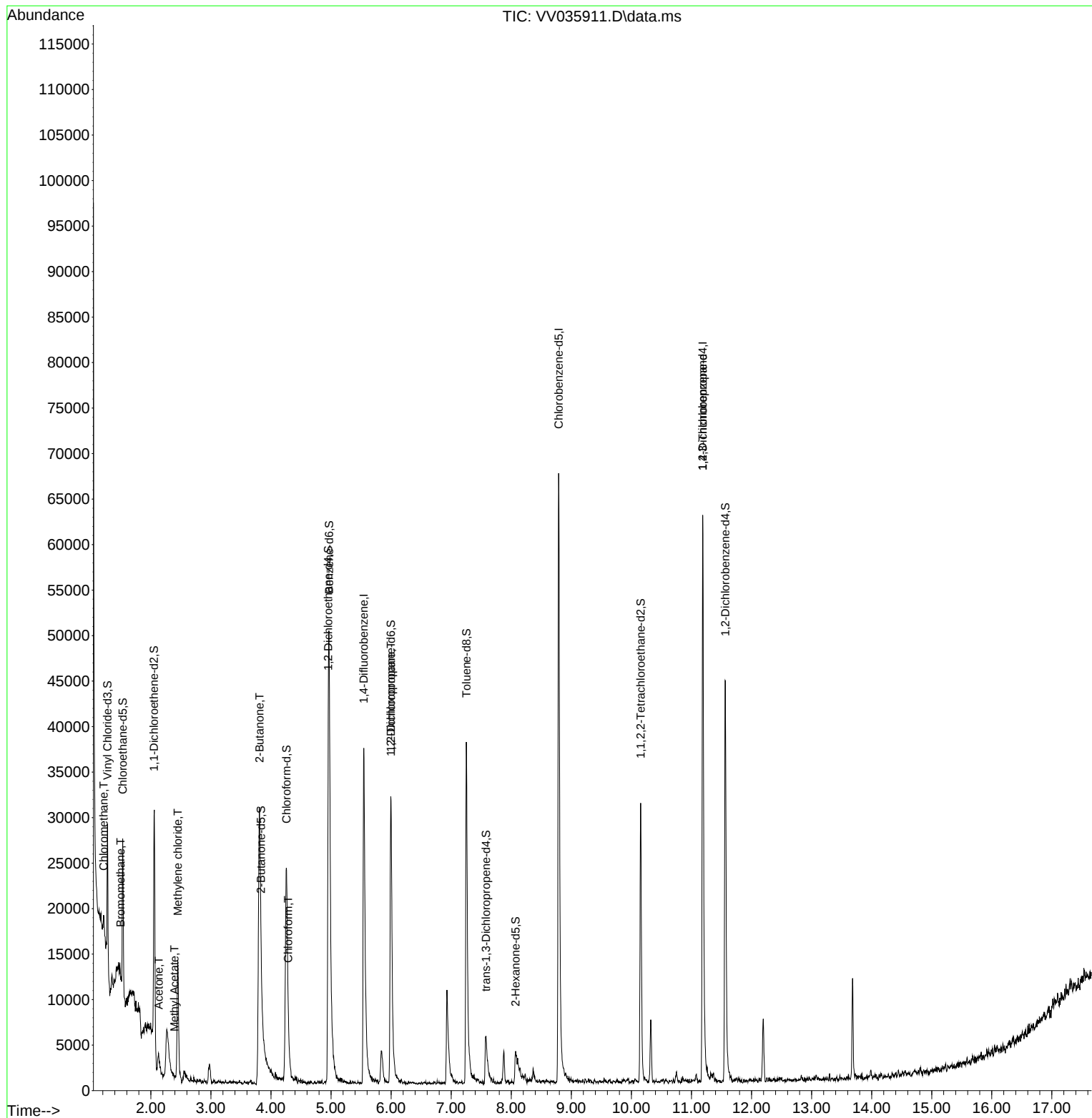
Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	37446	25.000	ug/L	0.01
28) Chlorobenzene-d5	8.789	117	42531	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	18211	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	10234	14.865	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	59.480%
7) Chloroethane-d5	1.532	69	11258	20.509	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.040%
11) 1,1-Dichloroethene-d2	2.053	65	5103	16.650	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.600%
21) 2-Butanone-d5	3.834	46	49	0.310	ug/L	-0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.620%#
24) Chloroform-d	4.256	84	28384	23.842	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.360%
26) 1,2-Dichloroethane-d4	4.953	65	16723	26.792	ug/L	0.01
Spiked Amount	25.000	Range	70 - 130	Recovery	=	107.160%
32) Benzene-d6	4.966	84	41896	16.572	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	66.280%
36) 1,2-Dichloropropane-d6	5.995	67	18002	22.612	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.440%
41) Toluene-d8	7.252	98	30717	13.770	ug/L	0.01
Spiked Amount	25.000	Range	30 - 130	Recovery	=	55.080%
43) trans-1,3-Dichloroprop...	7.580	79	4928	15.096	ug/L	0.03
Spiked Amount	25.000	Range	30 - 135	Recovery	=	60.400%
47) 2-Hexanone-d5	8.072	63	1385	12.840	ug/L	0.04
Spiked Amount	50.000	Range	20 - 135	Recovery	=	25.680%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	16736	28.131	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	112.520%
66) 1,2-Dichlorobenzene-d4	11.564	152	13310	19.931	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	79.720%
Target Compounds						Qvalue
3) Chloromethane	1.214	50	976	1.260	ug/L	83
6) Bromomethane	1.494	94	488	0.964	ug/L	87
13) Acetone	2.130	43	2598	10.559	ug/L	77
15) Methyl Acetate	2.394	43	122	0.399	ug/L #	48
16) Methylene chloride	2.449	84	5686	6.711	ug/L	97
22) 2-Butanone	3.809	43	1084	5.192	ug/L	92
25) Chloroform	4.288	83	1333	1.068	ug/L	85
37) 1,2-Dichloropropane	5.998	63	1809	2.477	ug/L #	87
61) 1,2,3-Trichloropropane	11.188	75	1918	4.453	ug/L #	64

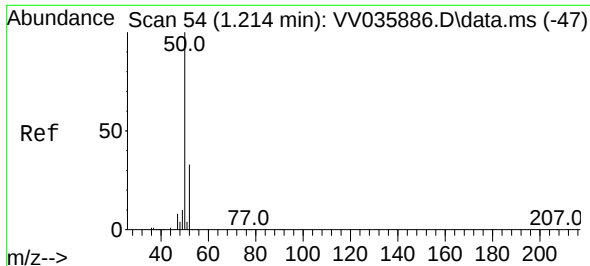
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV053024\
Data File : VV035911.D
Acq On : 30 May 2024 21:20
Operator : SY/MD
Sample : P2659-12
Misc : 4.13g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

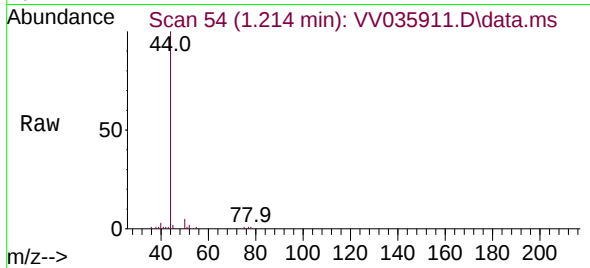
Quant Time: May 31 00:56:08 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis
QLast Update : Fri May 31 00:49:35 2024
Response via : Initial Calibration



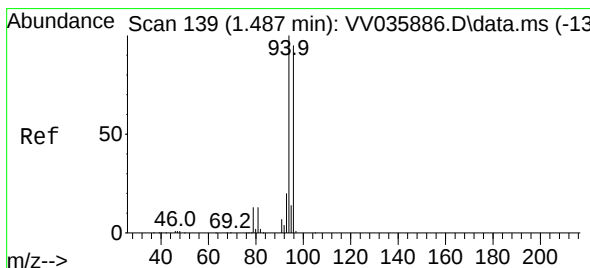
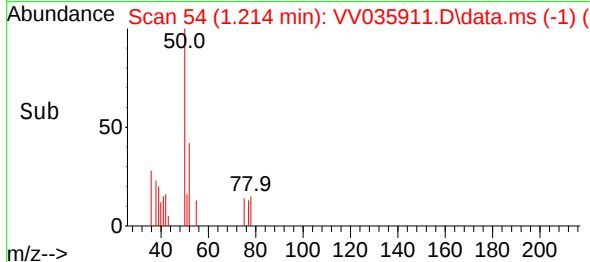
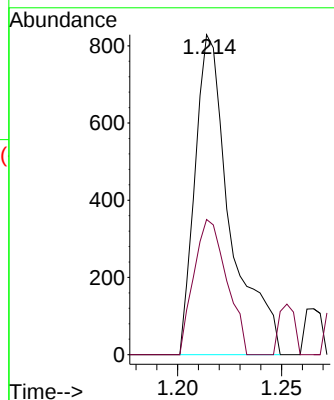


#3
Chloromethane
Concen: 1.260 ug/L
RT: 1.214 min Scan# 54
Delta R.T. 0.000 min
Lab File: VV035911.D
Acq: 30 May 2024 21:20

Instrument :
MSVOA_V
ClientSampleId :

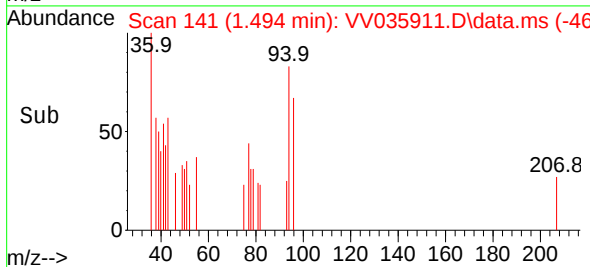
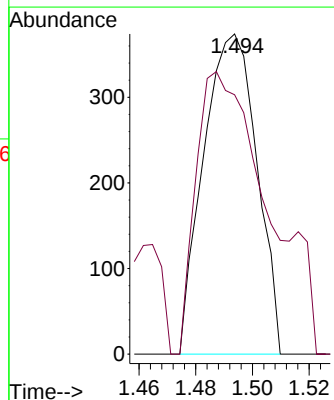
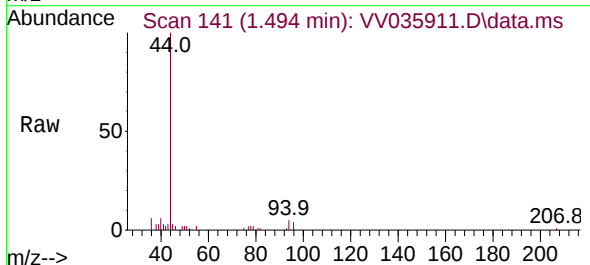


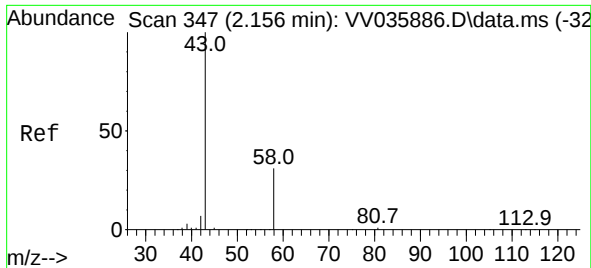
Tgt Ion: 50 Resp: 976
Ion Ratio Lower Upper
50 100
52 42.2 22.8 42.4



#6
Bromomethane
Concen: 0.964 ug/L
RT: 1.494 min Scan# 141
Delta R.T. 0.006 min
Lab File: VV035911.D
Acq: 30 May 2024 21:20

Tgt Ion: 94 Resp: 488
Ion Ratio Lower Upper
94 100
96 81.0 65.7 122.1





#13

Acetone

Concen: 10.559 ug/L

RT: 2.130 min Scan# 347

Delta R.T. -0.026 min

Lab File: VV035911.D

Acq: 30 May 2024 21:20

Instrument :

MSVOA_V

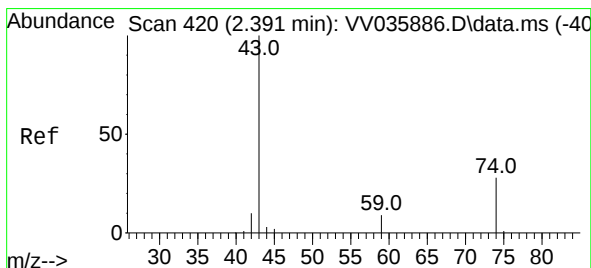
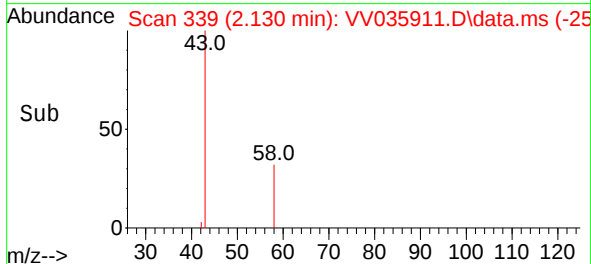
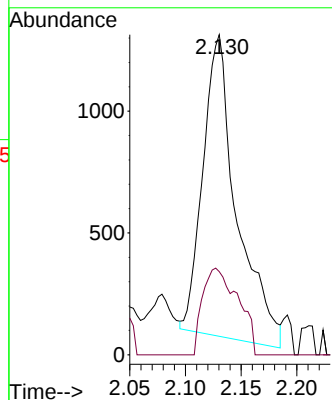
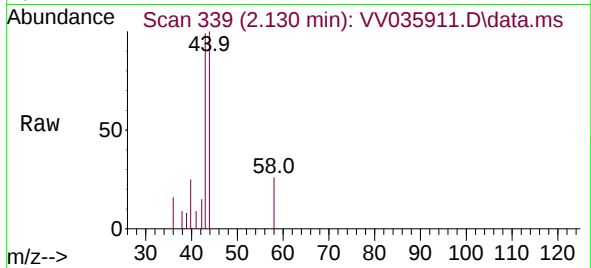
ClientSampleId :

Tgt Ion: 43 Resp: 2598

Ion Ratio Lower Upper

43 100

58 21.2 0.0 24.2



#15

Methyl Acetate

Concen: 0.399 ug/L

RT: 2.394 min Scan# 421

Delta R.T. 0.003 min

Lab File: VV035911.D

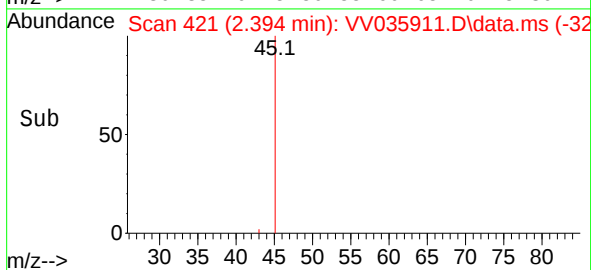
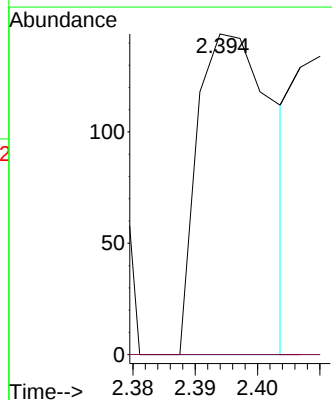
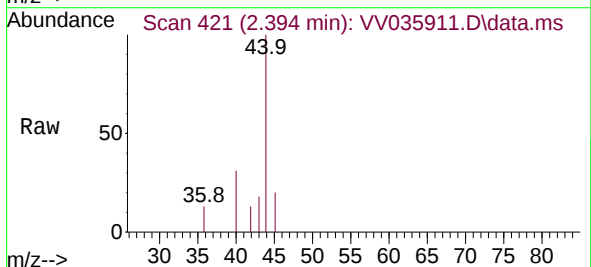
Acq: 30 May 2024 21:20

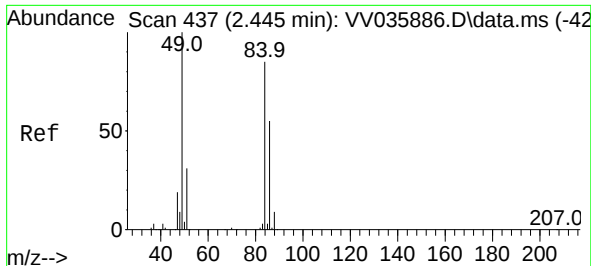
Tgt Ion: 43 Resp: 122

Ion Ratio Lower Upper

43 100

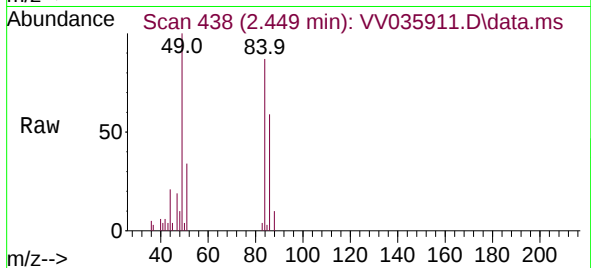
74 0.0 21.4 32.2#



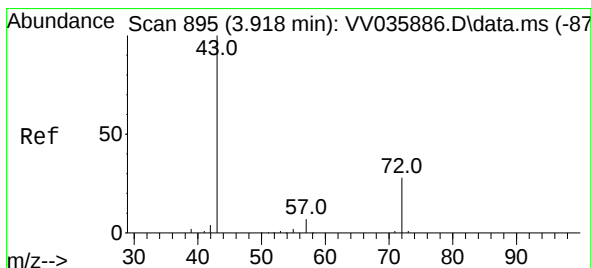
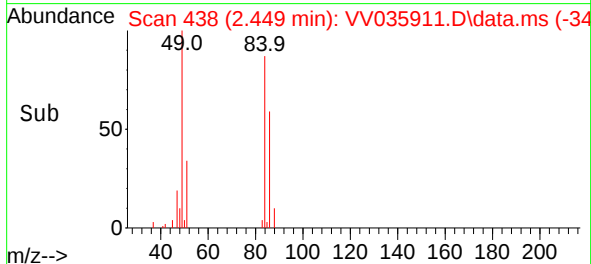
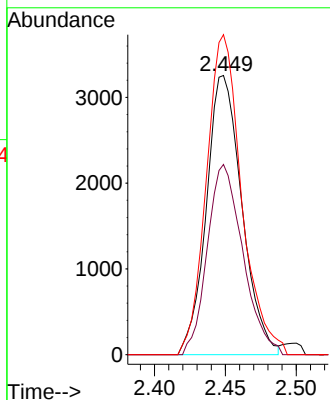


#16
Methylene chloride
Concen: 6.711 ug/L
RT: 2.449 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV035911.D
Acq: 30 May 2024 21:20

Instrument :
MSVOA_V
ClientSampleId :

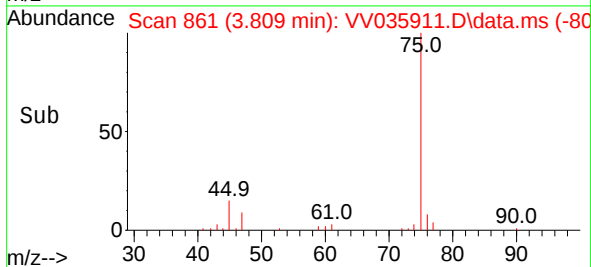
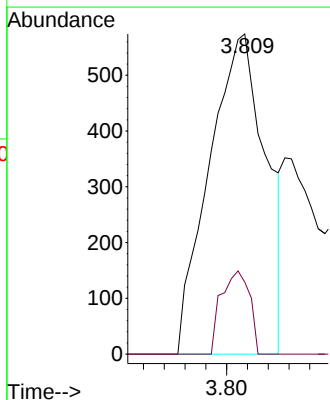
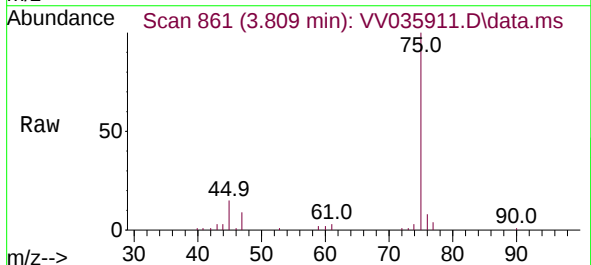


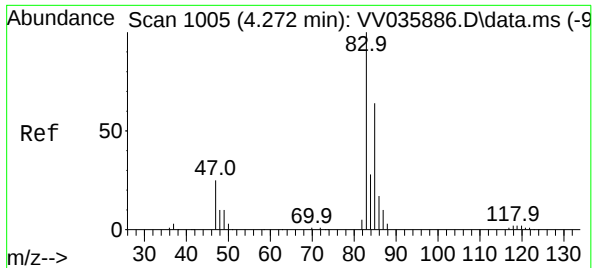
Tgt Ion: 84 Resp: 5686
Ion Ratio Lower Upper
84 100
86 68.1 44.6 82.8
49 114.6 81.1 150.5



#22
2-Butanone
Concen: 5.192 ug/L
RT: 3.809 min Scan# 861
Delta R.T. -0.109 min
Lab File: VV035911.D
Acq: 30 May 2024 21:20

Tgt Ion: 43 Resp: 1084
Ion Ratio Lower Upper
43 100
72 12.9 8.2 24.4





#25

Chloroform

Concen: 1.068 ug/L

RT: 4.288 min Scan# 1

Delta R.T. 0.016 min

Lab File: VV035911.D

Acq: 30 May 2024 21:20

Instrument :

MSVOA_V

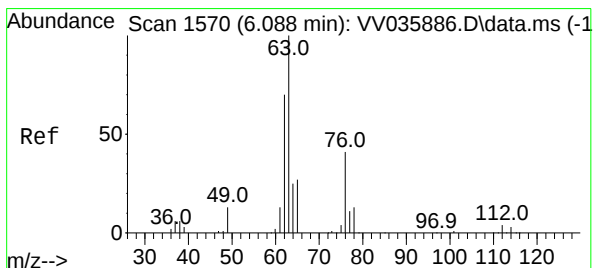
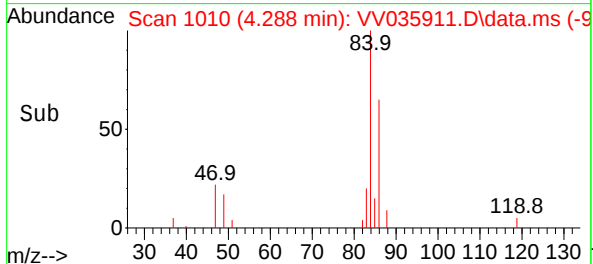
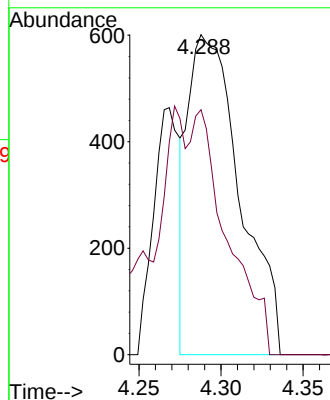
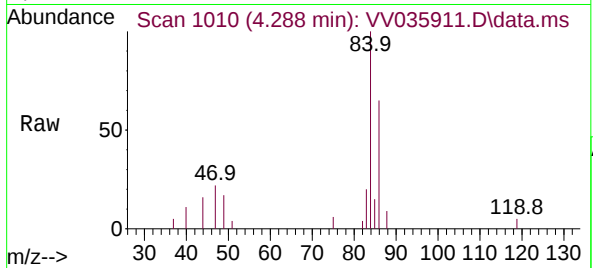
ClientSampleId :

Tgt Ion: 83 Resp: 1333

Ion Ratio Lower Upper

83 100

85 76.5 45.2 84.0



#37

1,2-Dichloropropane

Concen: 2.477 ug/L

RT: 5.998 min Scan# 1542

Delta R.T. -0.090 min

Lab File: VV035911.D

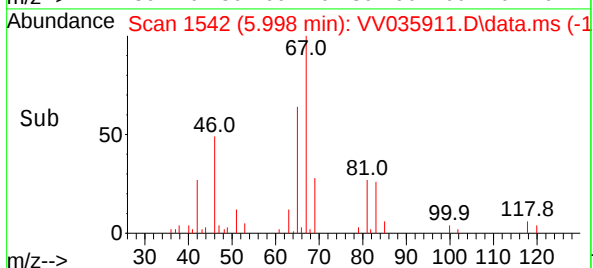
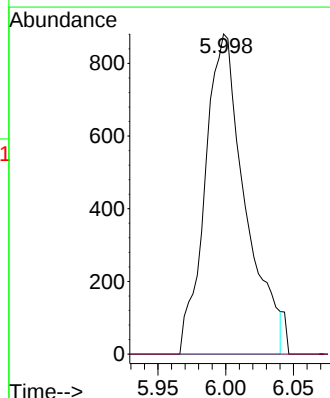
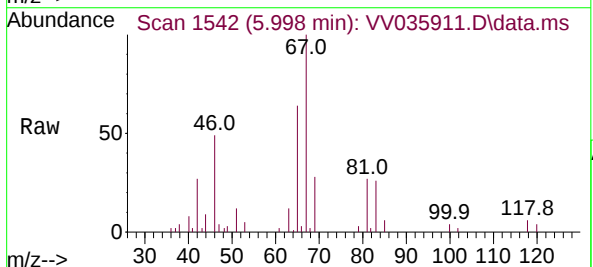
Acq: 30 May 2024 21:20

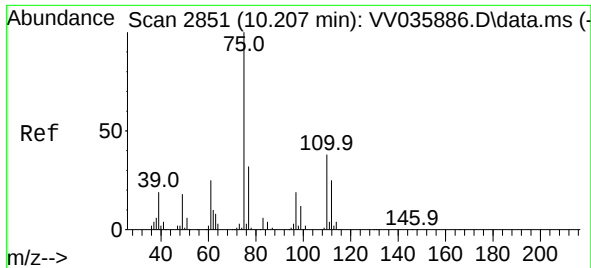
Tgt Ion: 63 Resp: 1809

Ion Ratio Lower Upper

63 100

112 0.0 3.5 5.3#





#61

1,2,3-Trichloropropane

Concen: 4.453 ug/L

RT: 11.188 min Scan# 31

Delta R.T. 0.981 min

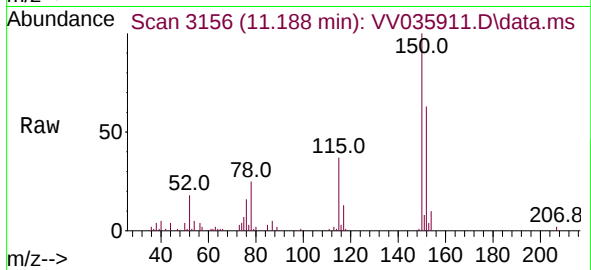
Lab File: VV035911.D

Acq: 30 May 2024 21:20

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 75 Resp: 1918

Ion Ratio Lower Upper

75 100

77 32.5 26.0 39.0

110 0.0 32.2 48.4#

