

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW052924\
 Data File : VW035869.D
 Acq On : 29 May 2024 17:12
 Operator : SY/MD
 Sample : P2632-14
 Misc : 3.20g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 30 01:19:54 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu May 30 01:13:31 2024
 Response via : Initial Calibration

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

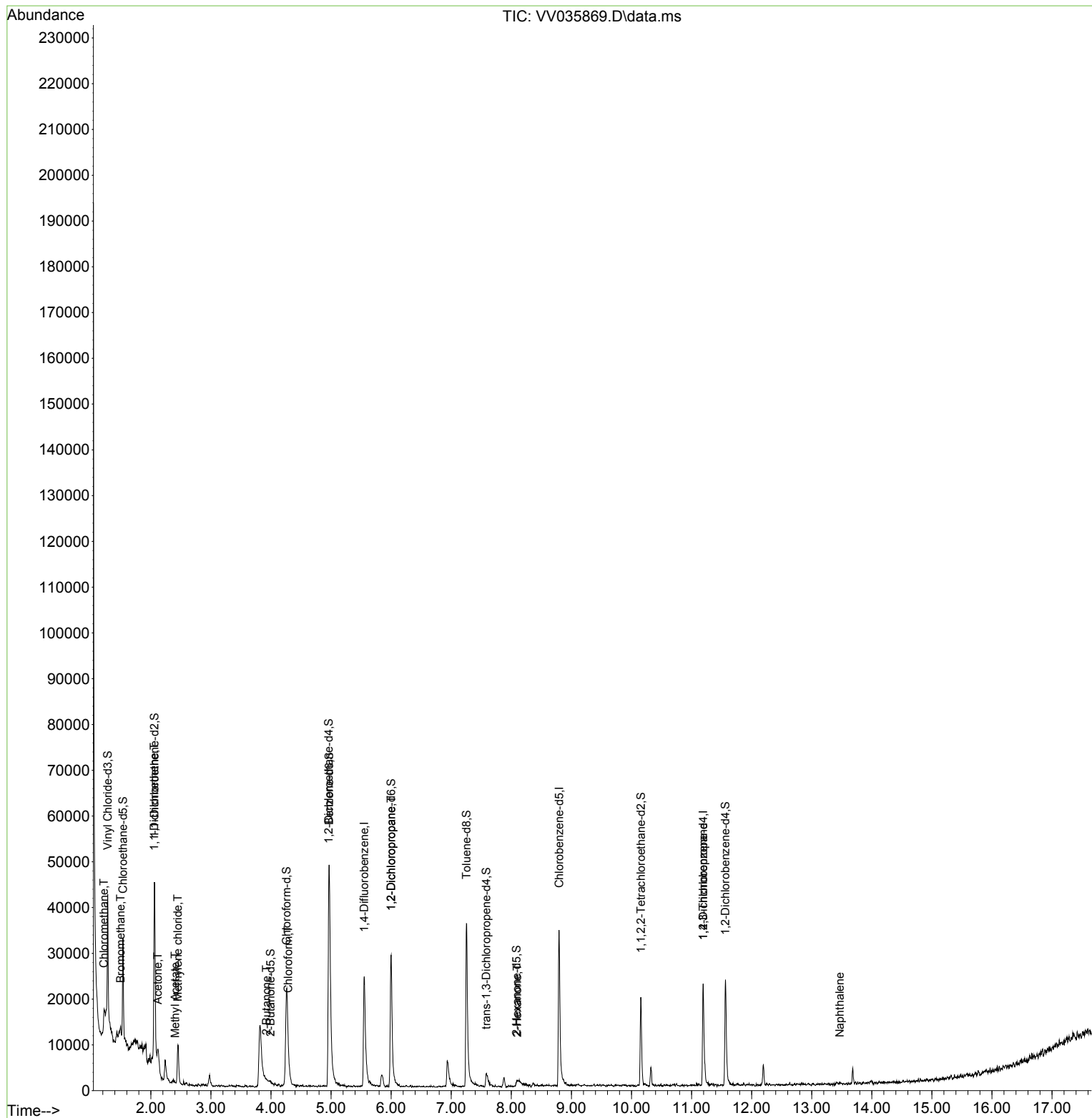
Internal Standards						
1) 1,4-Difluorobenzene	5.551	114	24432	25.000	ug/L	0.02
28) Chlorobenzene-d5	8.796	117	22144	25.000	ug/L	0.01
58) 1,4-Dichlorobenzene-d4	11.194	152	7042	25.000	ug/L	0.01
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	16270	43.085	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	172.320%#
7) Chloroethane-d5	1.536	69	13203	43.339	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	173.360%#
11) 1,1-Dichloroethene-d2	2.060	65	6843	40.932	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	163.720%#
21) 2-Butanone-d5	3.992	46	194	1.810	ug/L	0.15
Spiked Amount	50.000	Range	20 - 135	Recovery	=	3.620%#
24) Chloroform-d	4.259	84	25302	34.834	ug/L	0.02
Spiked Amount	25.000	Range	40 - 150	Recovery	=	139.320%
26) 1,2-Dichloroethane-d4	4.960	65	13535	37.694	ug/L	0.02
Spiked Amount	25.000	Range	70 - 130	Recovery	=	150.760%#
32) Benzene-d6	4.969	84	44553	36.755	ug/L	0.02
Spiked Amount	25.000	Range	20 - 135	Recovery	=	147.040%#
36) 1,2-Dichloropropane-d6	5.998	67	16785	44.870	ug/L	0.01
Spiked Amount	25.000	Range	70 - 120	Recovery	=	179.480%#
41) Toluene-d8	7.252	98	29649	27.483	ug/L	0.01
Spiked Amount	25.000	Range	30 - 130	Recovery	=	109.920%
43) trans-1,3-Dichloroprop...	7.583	79	1333	8.332	ug/L	0.03
Spiked Amount	25.000	Range	30 - 135	Recovery	=	33.320%
47) 2-Hexanone-d5	8.088	63	215	3.196	ug/L	0.06
Spiked Amount	50.000	Range	20 - 135	Recovery	=	6.400%#
56) 1,1,2,2-Tetrachloroeth...	10.156	84	10583	29.359	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	117.440%
66) 1,2-Dichlorobenzene-d4	11.564	152	7573	30.987	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	123.960%#
Target Compounds						Qvalue
3) Chloromethane	1.217	50	852	1.708	ug/L	85
6) Bromomethane	1.494	94	484	1.484	ug/L	93
12) 1,1-Dichloroethene	2.056	96	244	0.637	ug/L #	1
13) Acetone	2.117	43	2645	16.860	ug/L	78
15) Methyl Acetate	2.404	43	88	0.370	ug/L #	52
16) Methylene chloride	2.449	84	2043	3.626	ug/L	95
22) 2-Butanone	3.924	43	192	1.318	ug/L #	51
25) Chloroform	4.285	83	1318	1.600	ug/L	83
37) 1,2-Dichloropropane	5.998	63	1685	4.407	ug/L #	86
48) 2-Hexanone	8.098	43	195	1.136	ug/L #	34
61) 1,2,3-Trichloropropane	11.194	75	663	4.018	ug/L #	60
71) Naphthalene	13.467	128	352	0.624	ug/L #	69

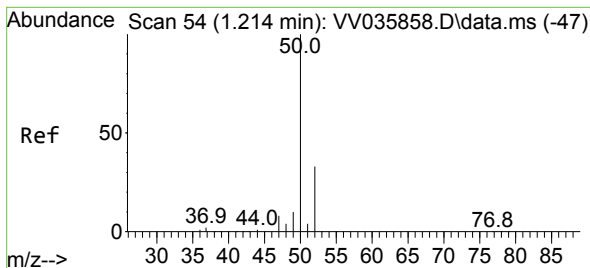
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu May 30 01:13:31 2024
Response via : Initial Calibration





#3

Chloromethane

Concen: 1.708 ug/L

RT: 1.217 min Scan# 51

Delta R.T. 0.003 min

Lab File: VV035869.D

Acq: 29 May 2024 17:12

Instrument :

MSVOA_V

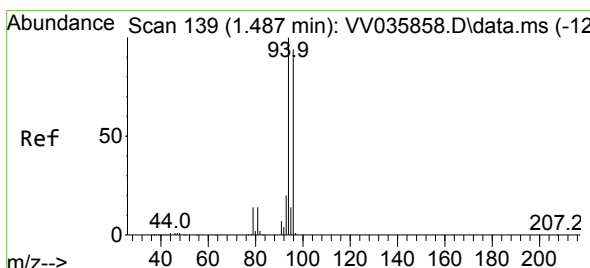
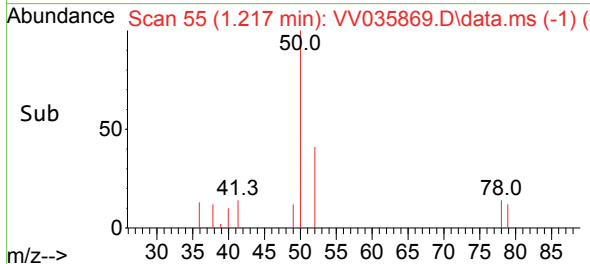
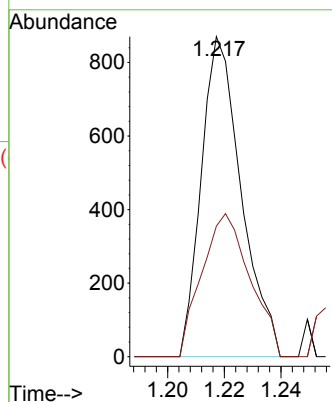
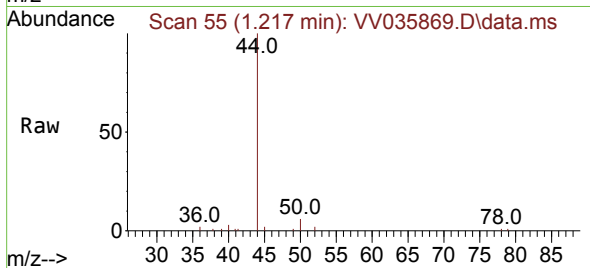
ClientSampleId :

Tgt Ion: 50 Resp: 852

Ion Ratio Lower Upper

50 100

52 40.8 22.7 42.1



#6

Bromomethane

Concen: 1.484 ug/L

RT: 1.494 min Scan# 141

Delta R.T. 0.006 min

Lab File: VV035869.D

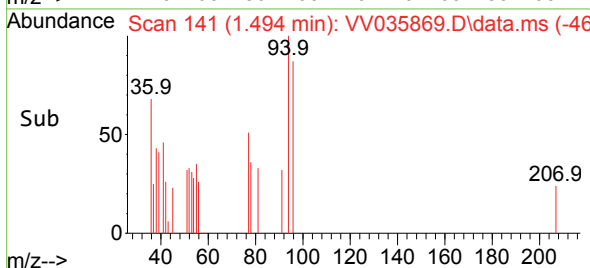
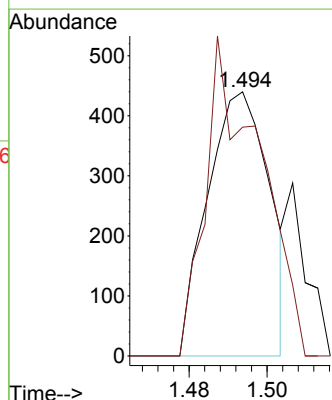
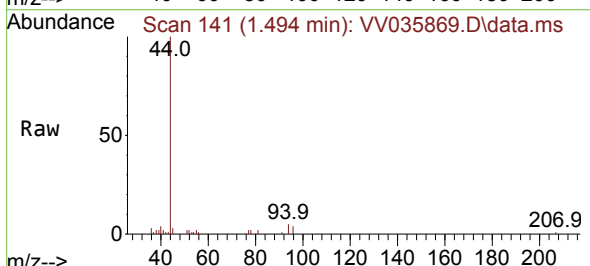
Acq: 29 May 2024 17:12

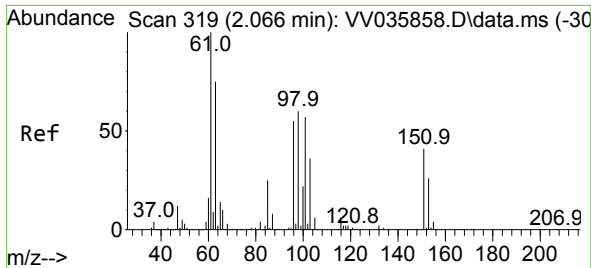
Tgt Ion: 94 Resp: 484

Ion Ratio Lower Upper

94 100

96 86.6 65.2 121.0





#12

1,1-Dichloroethene

Concen: 0.637 ug/L

RT: 2.056 min Scan# 319

Delta R.T. -0.010 min

Lab File: VV035869.D

Acq: 29 May 2024 17:12

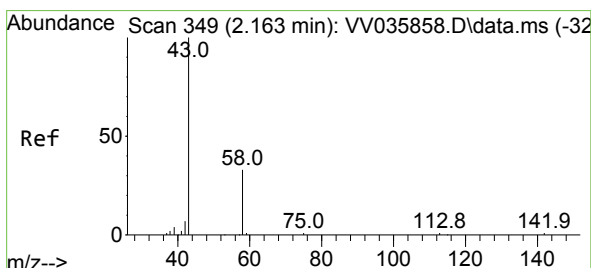
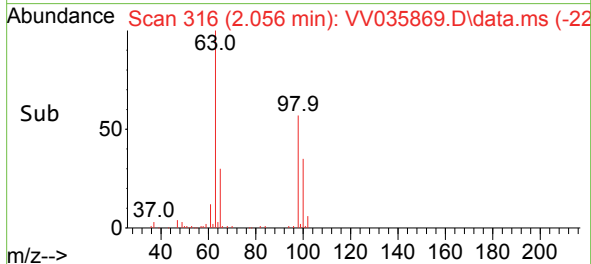
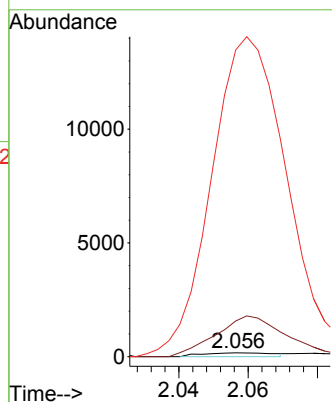
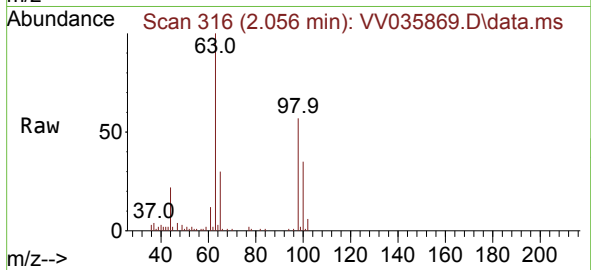
Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 96 Resp: 244

Ion	Ratio	Lower	Upper
96	100		
61	939.5	119.8	222.4#
63	8073.7	75.6	140.4#



#13

Acetone

Concen: 16.860 ug/L

RT: 2.117 min Scan# 335

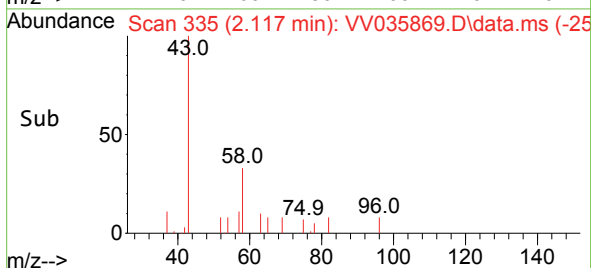
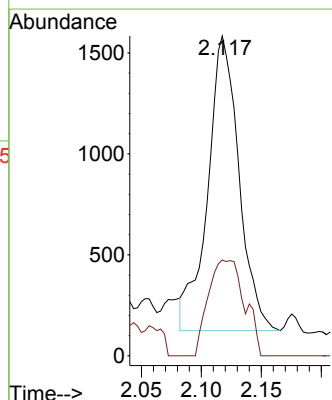
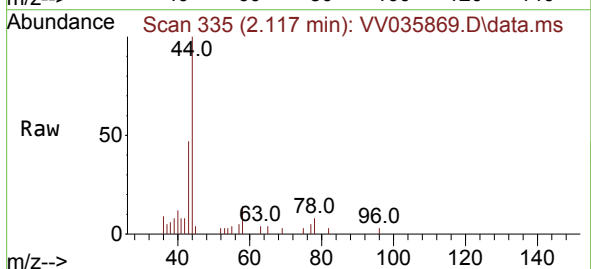
Delta R.T. -0.045 min

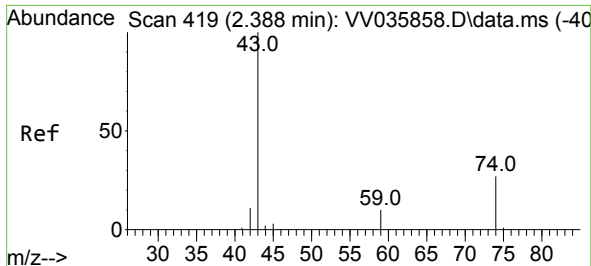
Lab File: VV035869.D

Acq: 29 May 2024 17:12

Tgt Ion: 43 Resp: 2645

Ion	Ratio	Lower	Upper
43	100		
58	20.0	0.0	22.8

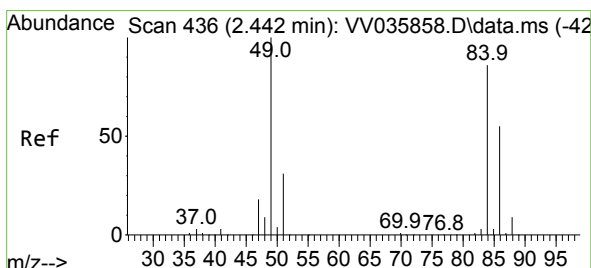
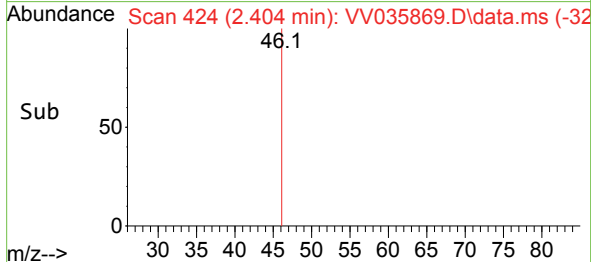
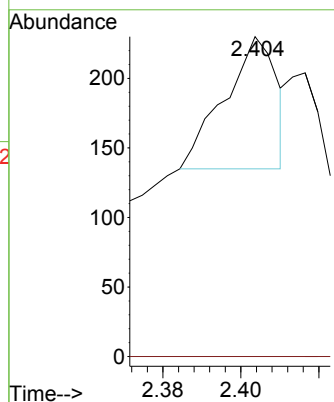
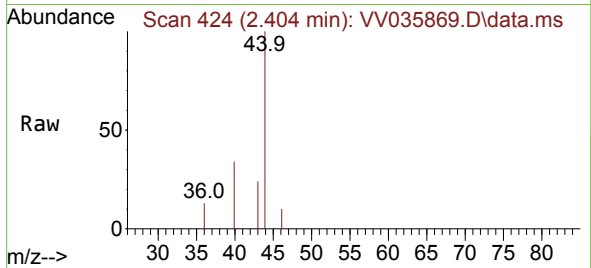




#15
Methyl Acetate
Concen: 0.370 ug/L
RT: 2.404 min Scan# 419
Delta R.T. 0.016 min
Lab File: VV035869.D
Acq: 29 May 2024 17:12

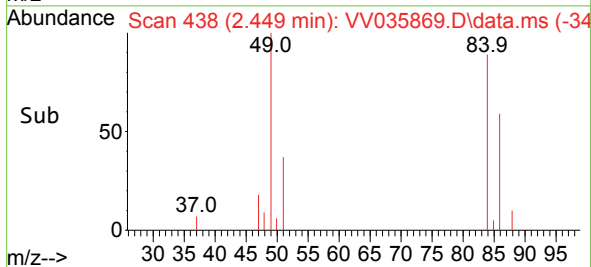
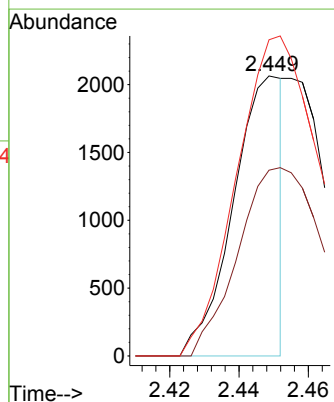
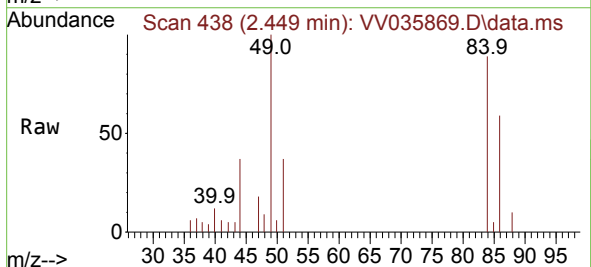
Instrument :
MSVOA_V
ClientSampleId :

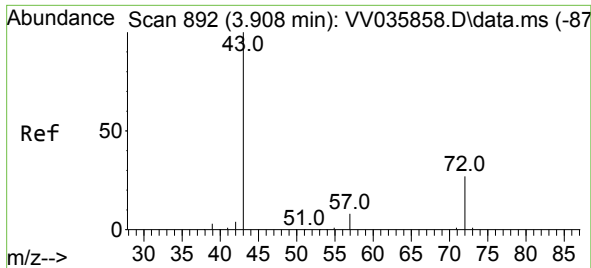
Tgt Ion: 43 Resp: 88
Ion Ratio Lower Upper
43 100
74 0.0 18.6 27.8#



#16
Methylene chloride
Concen: 3.626 ug/L
RT: 2.449 min Scan# 438
Delta R.T. 0.006 min
Lab File: VV035869.D
Acq: 29 May 2024 17:12

Tgt Ion: 84 Resp: 2043
Ion Ratio Lower Upper
84 100
86 66.3 43.8 81.3
49 112.9 75.3 139.9

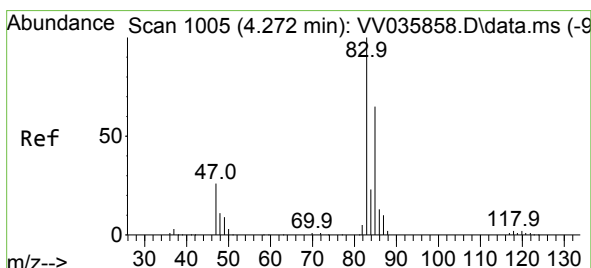
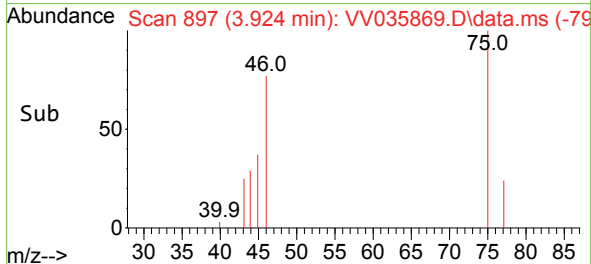
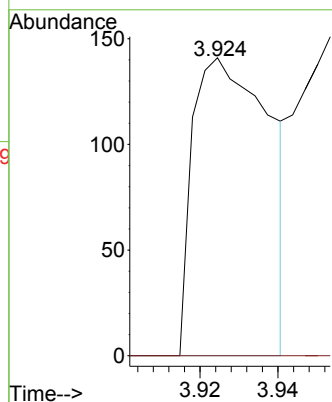
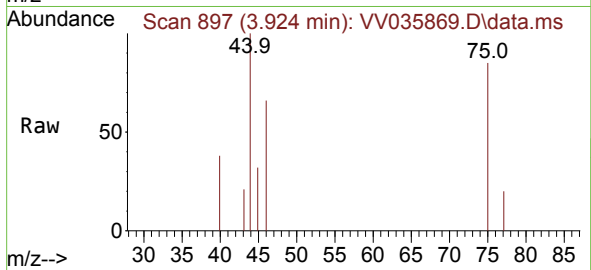




#22
2-Butanone
Concen: 1.318 ug/L
RT: 3.924 min Scan# 89
Delta R.T. 0.016 min
Lab File: VV035869.D
Acq: 29 May 2024 17:12

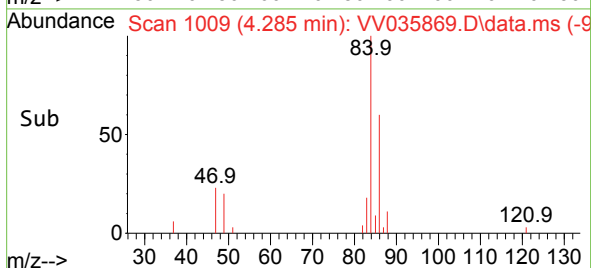
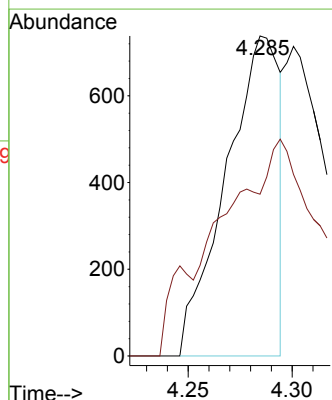
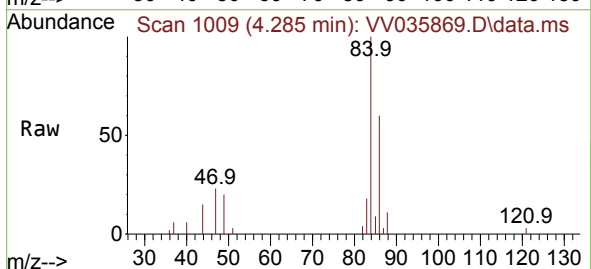
Instrument :
MSVOA_V
ClientSampleId :

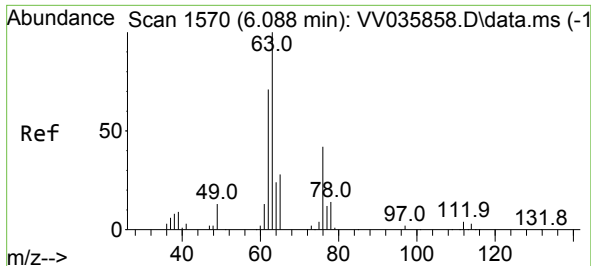
Tgt Ion: 43 Resp: 192
Ion Ratio Lower Upper
43 100
72 0.0 12.3 36.9#



#25
Chloroform
Concen: 1.600 ug/L
RT: 4.285 min Scan# 1009
Delta R.T. 0.013 min
Lab File: VV035869.D
Acq: 29 May 2024 17:12

Tgt Ion: 83 Resp: 1318
Ion Ratio Lower Upper
83 100
85 50.5 44.7 82.9





#37

1,2-Dichloropropane

Concen: 4.407 ug/L

RT: 5.998 min Scan# 11

Delta R.T. -0.090 min

Lab File: VV035869.D

Acq: 29 May 2024 17:12

Instrument :

MSVOA_V

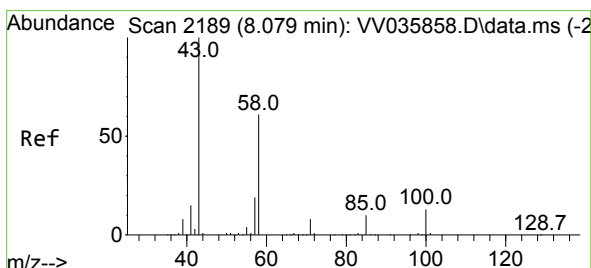
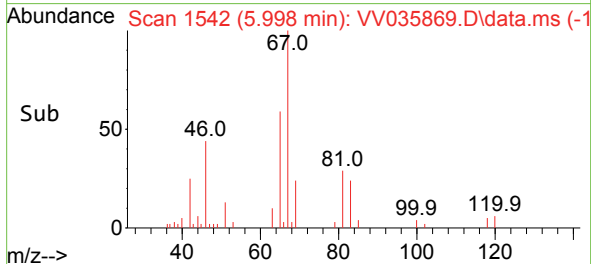
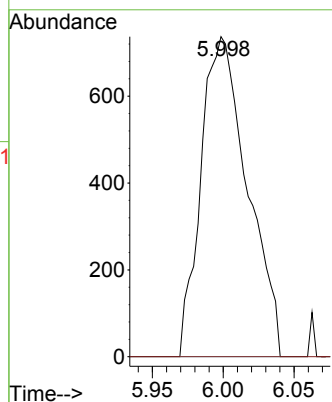
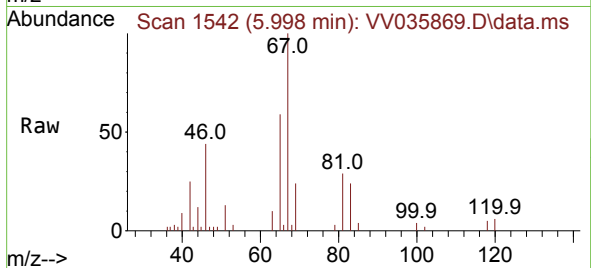
ClientSampleId :

Tgt Ion: 63 Resp: 1685

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



#48

2-Hexanone

Concen: 1.136 ug/L

RT: 8.098 min Scan# 2195

Delta R.T. 0.019 min

Lab File: VV035869.D

Acq: 29 May 2024 17:12

Tgt Ion: 43 Resp: 195

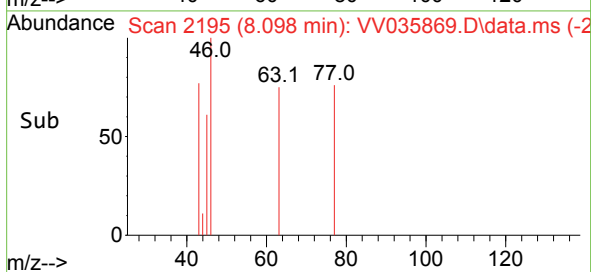
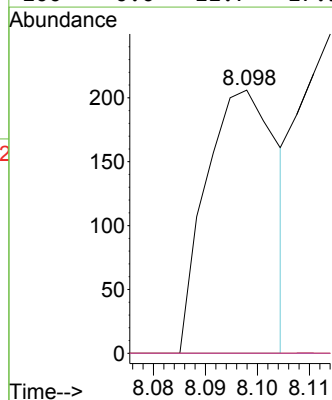
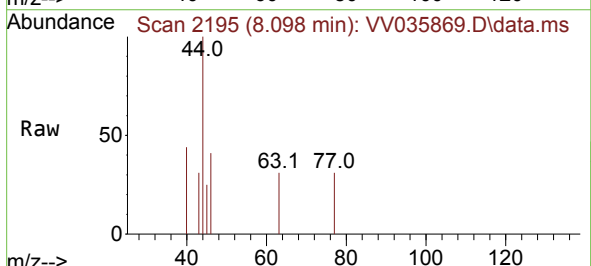
Ion Ratio Lower Upper

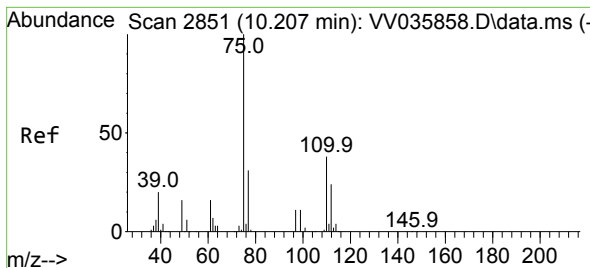
43 100

58 0.0 48.8 73.2#

57 0.0 16.9 25.3#

100 0.0 11.7 17.5#





#61

1,2,3-Trichloropropane

Concen: 4.018 ug/L

RT: 11.194 min Scan# 3158

Delta R.T. 0.987 min

Lab File: VV035869.D

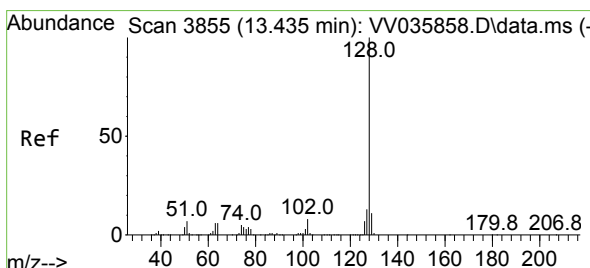
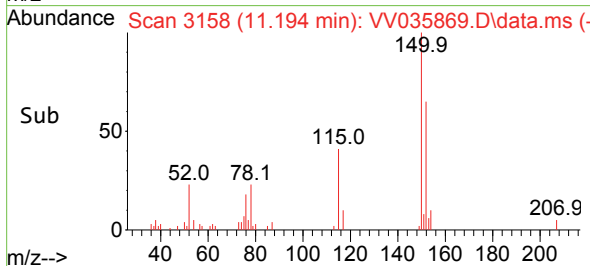
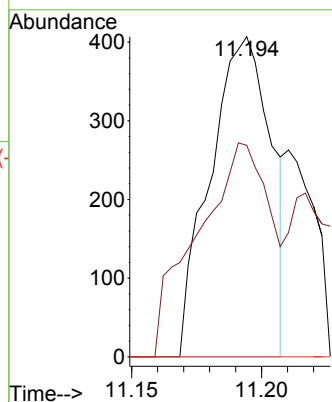
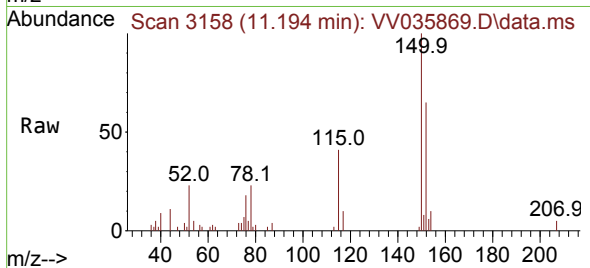
Acq: 29 May 2024 17:12

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MSVOA_V

ClientSampleId :

Tgt Ion: 75	Resp: 663
Ion Ratio	Lower Upper
75 100	
77 36.8	25.7 38.5
110 0.0	31.8 47.8#



#71

Naphthalene

Concen: 0.624 ug/L

RT: 13.467 min Scan# 3865

Delta R.T. 0.032 min

Lab File: VV035869.D

Acq: 29 May 2024 17:12

Tgt Ion: 128	Resp: 352
Ion Ratio	Lower Upper
128 100	
127 0.0	10.4 15.6#
129 0.0	8.6 13.0#

