

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052924\
 Data File : VV035870.D
 Acq On : 29 May 2024 17:35
 Operator : SY/MD
 Sample : P2632-15
 Misc : 4.05g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 30 01:20:10 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)

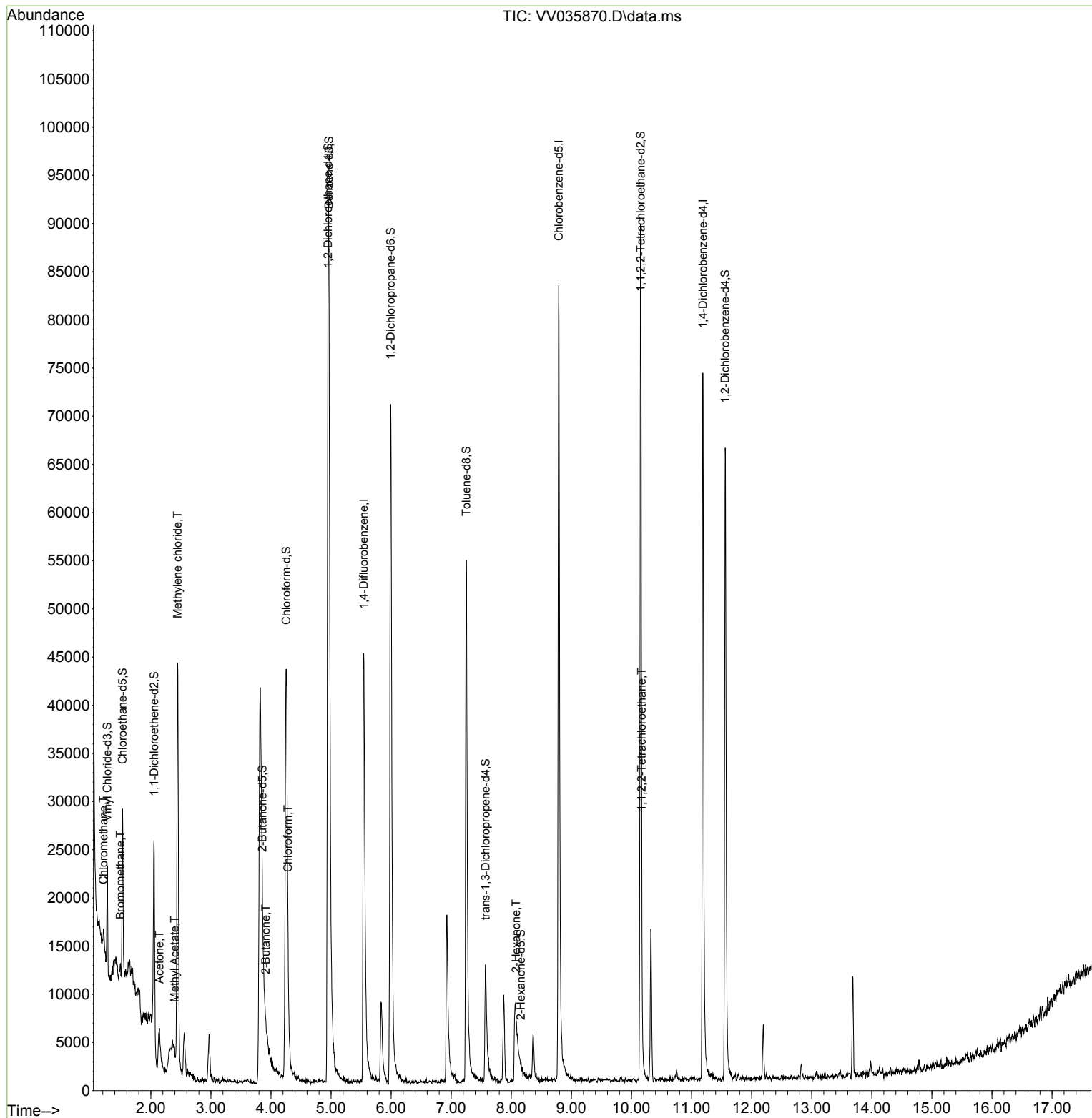
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	44287	25.000	ug/L	0.01
28) Chlorobenzene-d5	8.789	117	51899	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	21706	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	6754	9.867	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	39.480%
7) Chloroethane-d5	1.529	69	11781	21.334	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.320%
11) 1,1-Dichloroethene-d2	2.053	65	3801	12.543	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	50.160%
21) 2-Butanone-d5	3.857	46	7243	37.286	ug/L	0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	74.580%
24) Chloroform-d	4.252	84	50223	38.145	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	152.600%#
26) 1,2-Dichloroethane-d4	4.947	65	46710	71.763	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	287.040%#
32) Benzene-d6	4.963	84	66336	23.350	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.400%
36) 1,2-Dichloropropane-d6	5.992	67	38004	43.347	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	173.400%#
41) Toluene-d8	7.249	98	42055	16.633	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	66.520%
43) trans-1,3-Dichloroprop...	7.571	79	7815	20.842	ug/L	0.02
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.360%
47) 2-Hexanone-d5	8.156	63	54	0.343	ug/L	0.13
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.680%#
56) 1,1,2,2-Tetrachloroeth...	10.153	84	45776	54.184	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	216.720%#
66) 1,2-Dichlorobenzene-d4	11.561	152	18712	24.840	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.360%
Target Compounds						
					Qvalue	
3) Chloromethane	1.211	50	1012	1.119	ug/L #	71
6) Bromomethane	1.490	94	820	1.387	ug/L	91
13) Acetone	2.143	43	7037	24.747	ug/L	72
15) Methyl Acetate	2.394	43	1311	3.043	ug/L #	69
16) Methylene chloride	2.445	84	18969	18.574	ug/L	94
22) 2-Butanone	3.912	43	299	1.132	ug/L #	51
25) Chloroform	4.281	83	2243	1.502	ug/L	88
48) 2-Hexanone	8.079	43	1058	2.629	ug/L #	54
57) 1,1,2,2-Tetrachloroethane	10.172	83	353	0.381	ug/L #	55

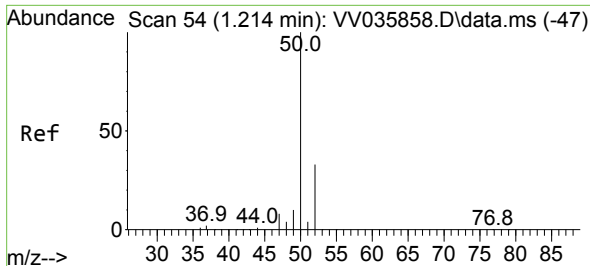
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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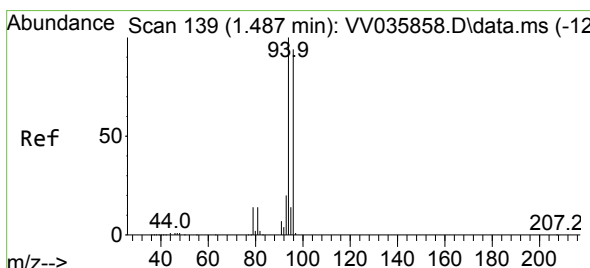
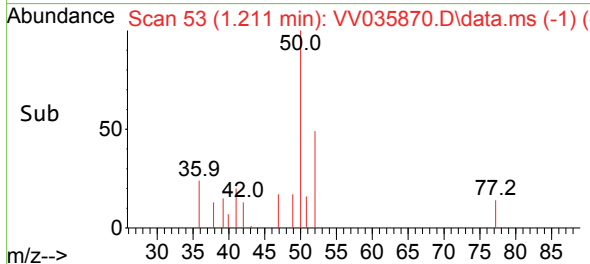
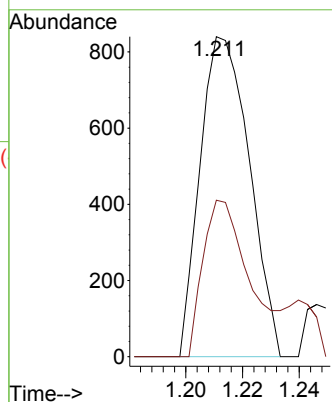
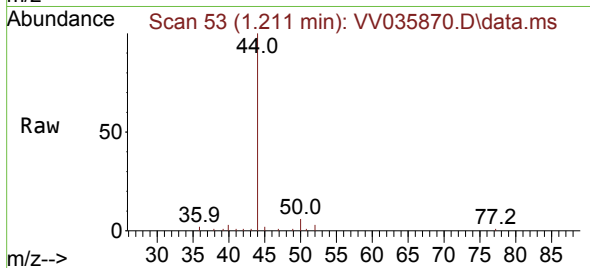




#3
Chloromethane
Concen: 1.119 ug/L
RT: 1.211 min Scan# 51
Delta R.T. -0.003 min
Lab File: VV035870.D
Acq: 29 May 2024 17:35

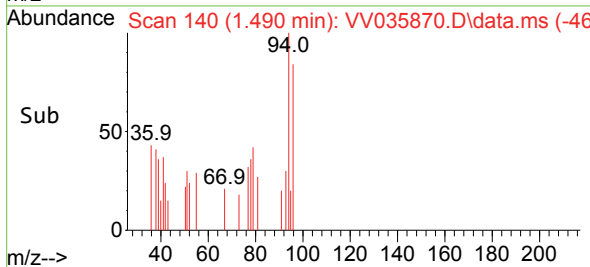
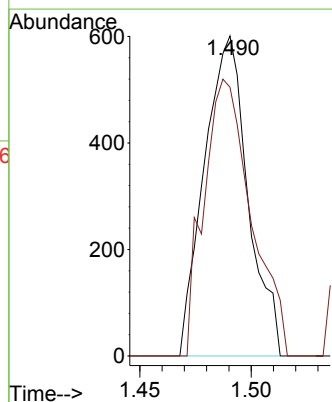
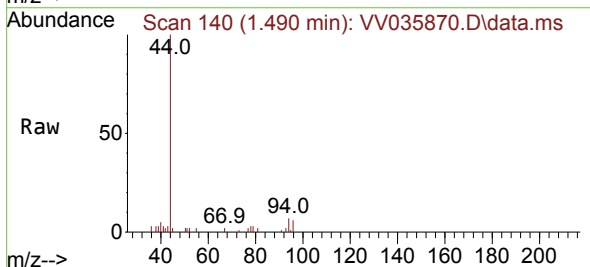
Instrument :
MSVOA_V
ClientSampleId :

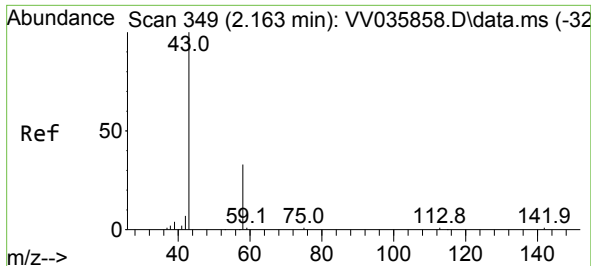
Tgt Ion: 50 Resp: 1012
Ion Ratio Lower Upper
50 100
52 48.9 22.7 42.1#



#6
Bromomethane
Concen: 1.387 ug/L
RT: 1.490 min Scan# 140
Delta R.T. 0.003 min
Lab File: VV035870.D
Acq: 29 May 2024 17:35

Tgt Ion: 94 Resp: 820
Ion Ratio Lower Upper
94 100
96 84.0 65.2 121.0





#13

Acetone

Concen: 24.747 ug/L

RT: 2.143 min Scan# 34

Delta R.T. -0.019 min

Lab File: VV035870.D

Acq: 29 May 2024 17:35

Instrument :

MSVOA_V

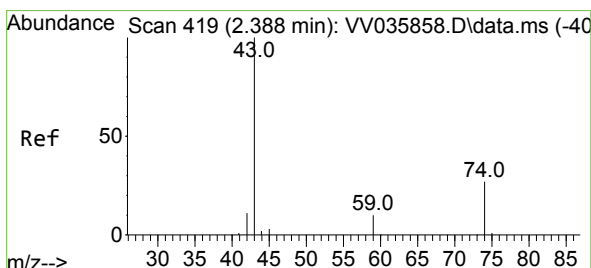
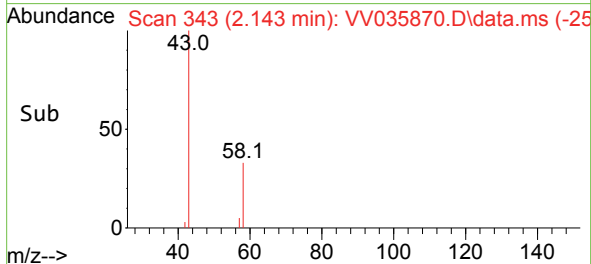
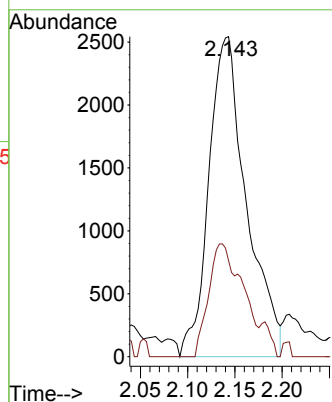
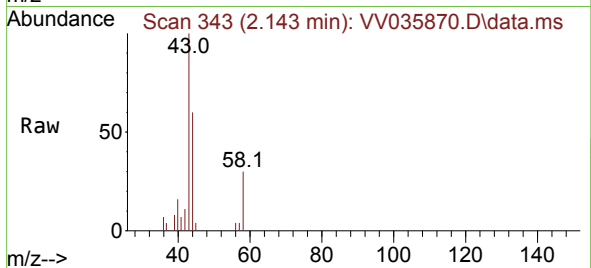
ClientSampleId :

Tgt Ion: 43 Resp: 7037

Ion Ratio Lower Upper

43 100

58 22.0 0.0 22.8



#15

Methyl Acetate

Concen: 3.043 ug/L

RT: 2.394 min Scan# 421

Delta R.T. 0.006 min

Lab File: VV035870.D

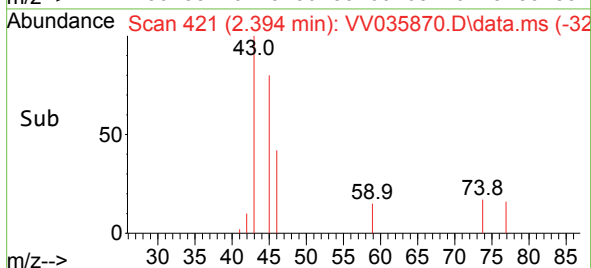
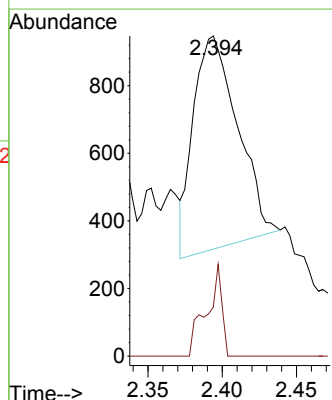
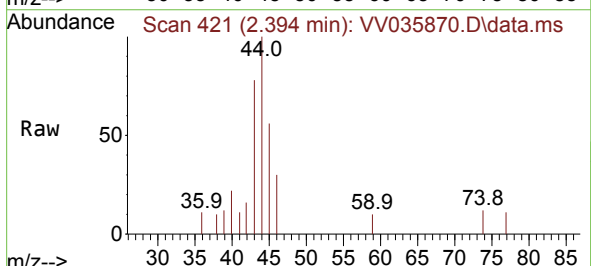
Acq: 29 May 2024 17:35

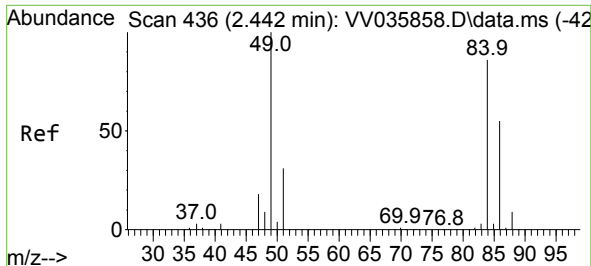
Tgt Ion: 43 Resp: 1311

Ion Ratio Lower Upper

43 100

74 8.0 18.6 27.8#

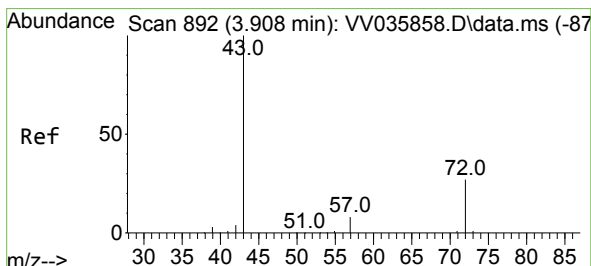
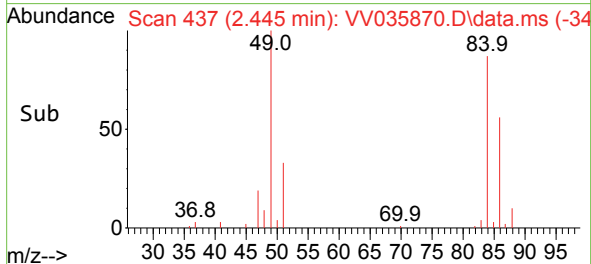
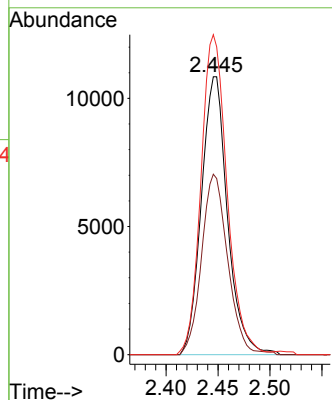
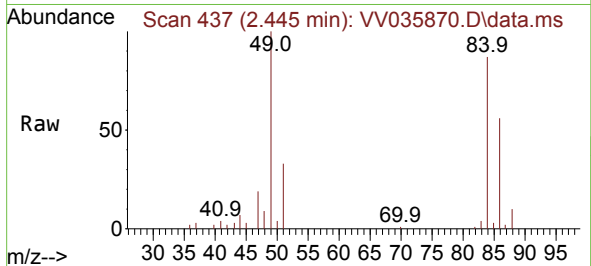




#16
Methylene chloride
Concen: 18.574 ug/L
RT: 2.445 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV035870.D
Acq: 29 May 2024 17:35

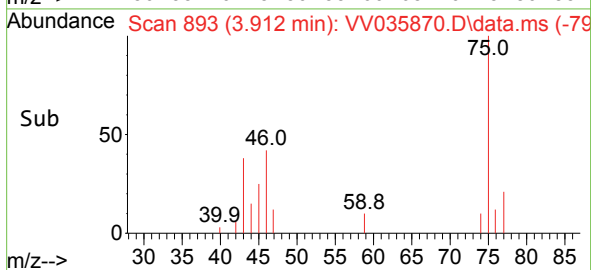
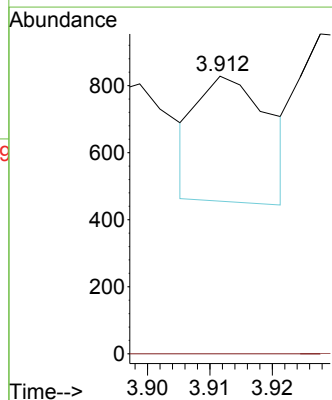
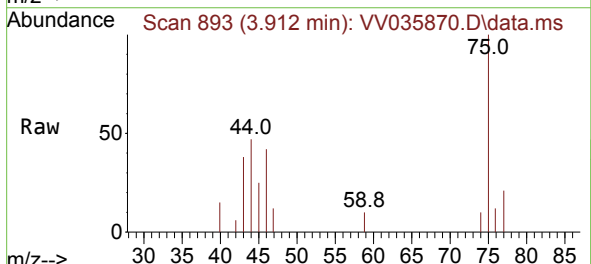
Instrument :
MSVOA_V
ClientSampleId :

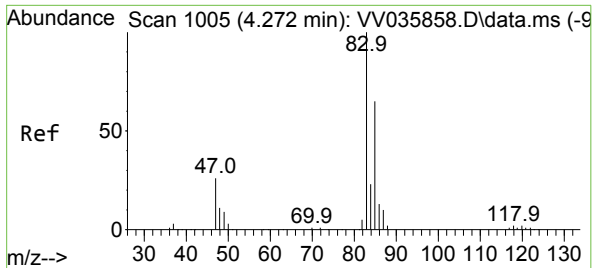
Tgt Ion: 84 Resp: 18969
Ion Ratio Lower Upper
84 100
86 64.9 43.8 81.3
49 115.1 75.3 139.9



#22
2-Butanone
Concen: 1.132 ug/L
RT: 3.912 min Scan# 893
Delta R.T. 0.003 min
Lab File: VV035870.D
Acq: 29 May 2024 17:35

Tgt Ion: 43 Resp: 299
Ion Ratio Lower Upper
43 100
72 0.0 12.3 36.9#

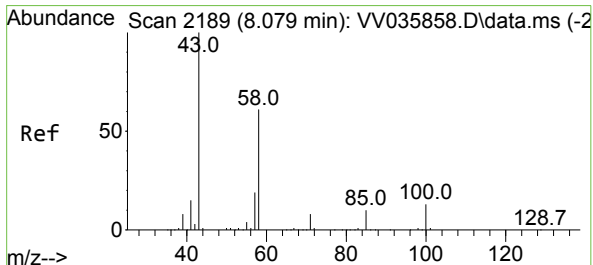
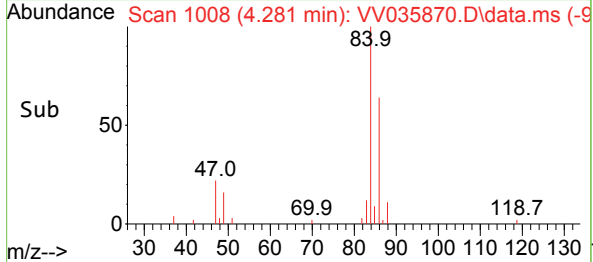
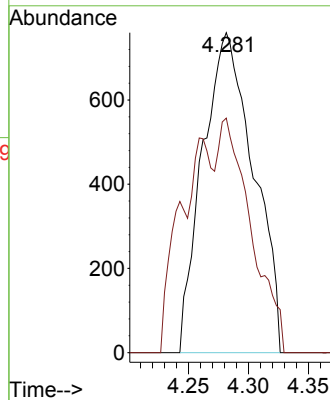
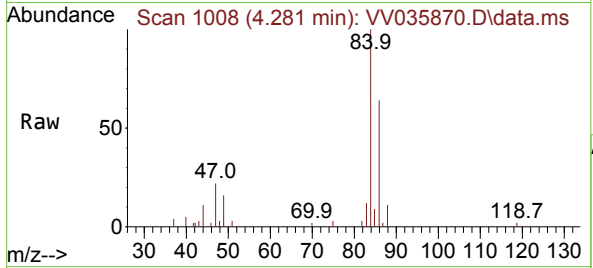




#25
Chloroform
Concen: 1.502 ug/L
RT: 4.281 min Scan# 1008
Delta R.T. 0.010 min
Lab File: VV035870.D
Acq: 29 May 2024 17:35

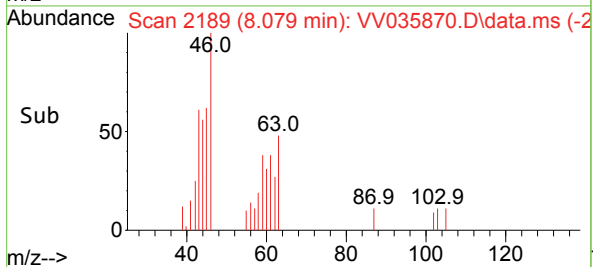
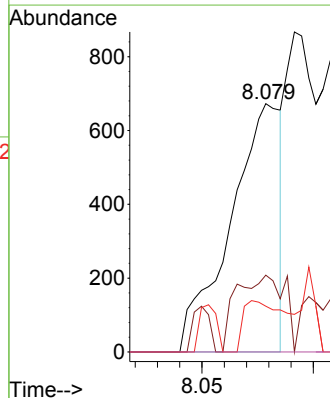
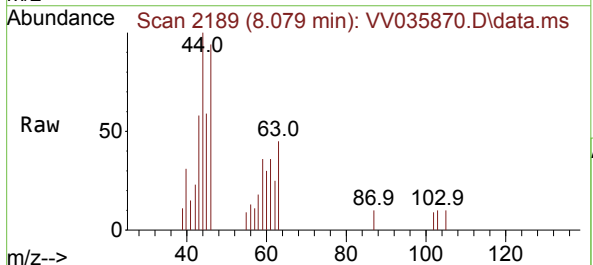
Instrument :
MSVOA_V
ClientSampleId :

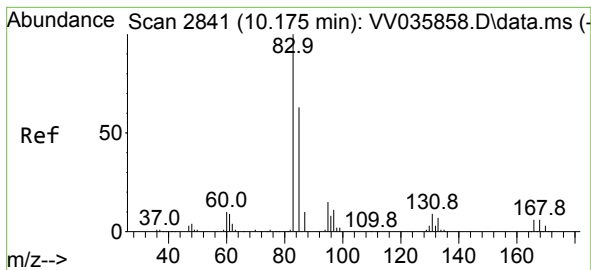
Tgt Ion: 83 Resp: 2243
Ion Ratio Lower Upper
83 100
85 73.3 44.7 82.9



#48
2-Hexanone
Concen: 2.629 ug/L
RT: 8.079 min Scan# 2189
Delta R.T. -0.000 min
Lab File: VV035870.D
Acq: 29 May 2024 17:35

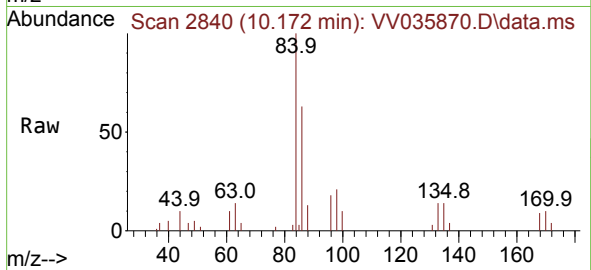
Tgt Ion: 43 Resp: 1058
Ion Ratio Lower Upper
43 100
58 13.3 48.8 73.2#
57 17.5 16.9 25.3
100 0.0 11.7 17.5#





#57
 1,1,2,2-Tetrachloroethane
 Concen: 0.381 ug/L
 RT: 10.172 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: VV035870.D
 Acq: 29 May 2024 17:35

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:	83	Resp:	353
Ion	Ratio	Lower	Upper
83	100		
85	74.4	44.7	83.1
131	102.1	8.0	12.0

