

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052924\
 Data File : VV035860.D
 Acq On : 29 May 2024 14:11
 Operator : SY/MD
 Sample : P2632-08
 Misc : 4.67g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 30 01:17:58 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)

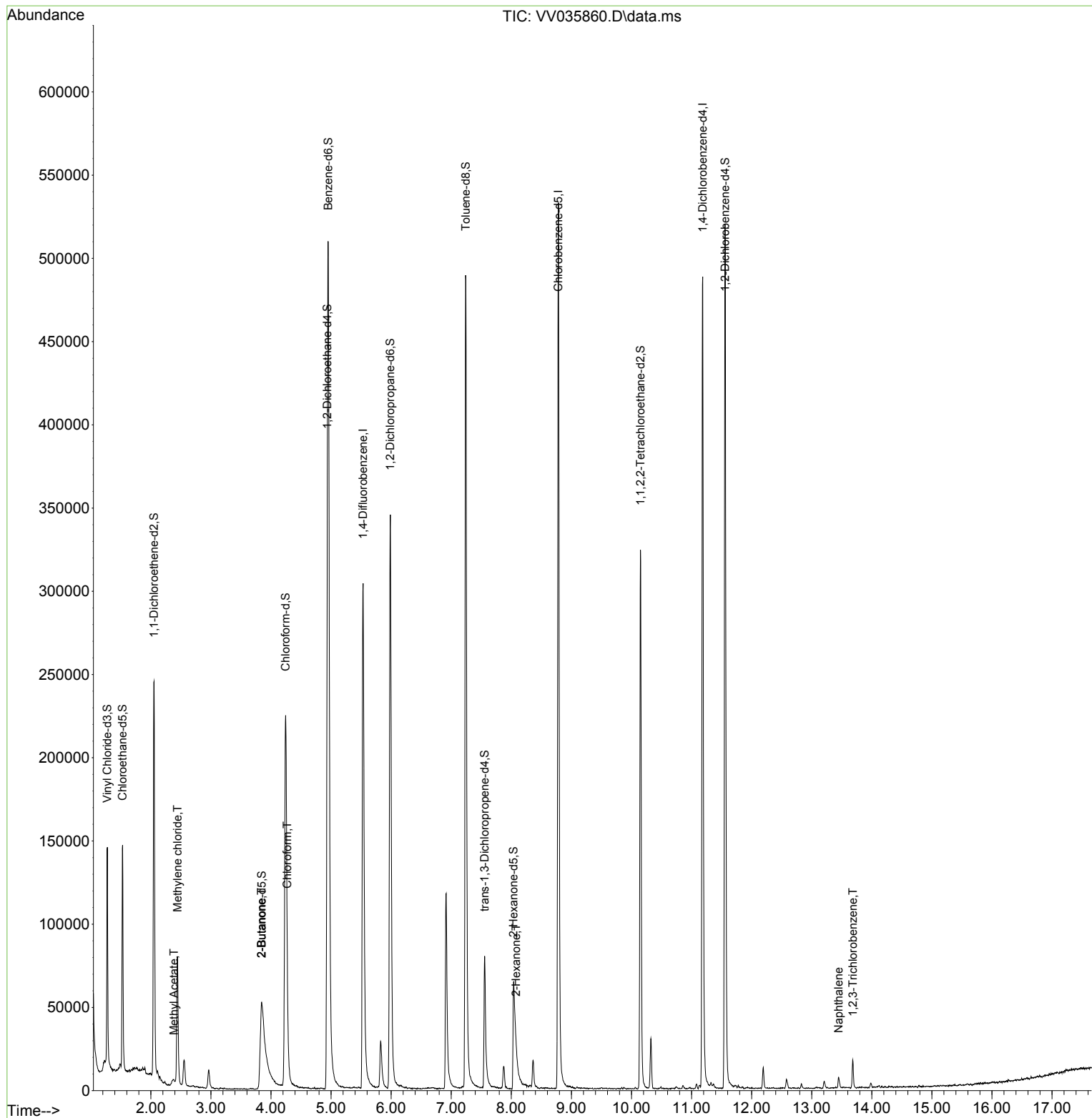
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	271763	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	304699	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	131801	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	86149	20.510	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.040%
7) Chloroethane-d5	1.529	69	88295	26.056	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.240%
11) 1,1-Dichloroethene-d2	2.050	65	41467	22.299	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	89.200%
21) 2-Butanone-d5	3.844	46	10527	8.831	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	17.660%#
24) Chloroform-d	4.243	84	252057	31.198	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	124.800%
26) 1,2-Dichloroethane-d4	4.937	65	164388	41.157	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	164.640%#
32) Benzene-d6	4.953	84	439349	26.341	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	105.360%
36) 1,2-Dichloropropane-d6	5.985	67	176247	34.241	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	136.960%#
41) Toluene-d8	7.239	98	343347	23.130	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.520%
43) trans-1,3-Dichloroprop...	7.554	79	52276	23.747	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.000%
47) 2-Hexanone-d5	8.037	63	22704	24.530	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	49.060%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	162016	32.665	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	130.640%#
66) 1,2-Dichlorobenzene-d4	11.557	152	139524	30.503	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	122.000%#
Target Compounds						
					Qvalue	
15) Methyl Acetate	2.384	43	1076	0.407	ug/L	93
16) Methylene chloride	2.442	84	33897	5.409	ug/L	95
22) 2-Butanone	3.841	43	1624	1.002	ug/L #	59
25) Chloroform	4.268	83	7121	0.777	ug/L #	75
48) 2-Hexanone	8.079	43	19023	8.052	ug/L #	36
71) Naphthalene	13.448	128	6306	0.597	ug/L	98
72) 1,2,3-Trichlorobenzene	13.686	180	1811	0.335	ug/L	93

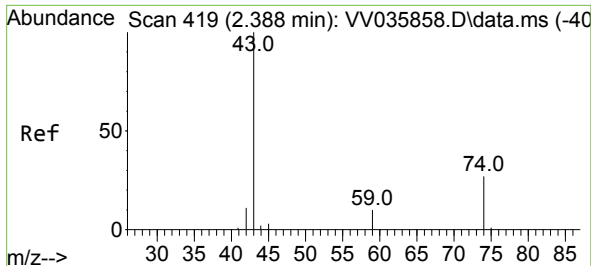
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu May 30 01:13:31 2024
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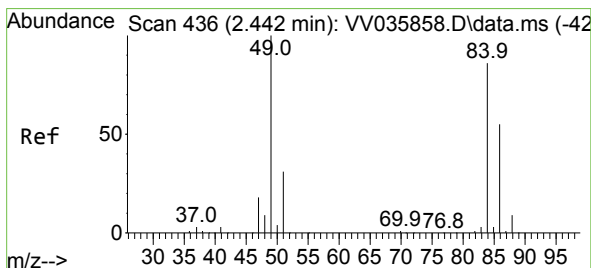
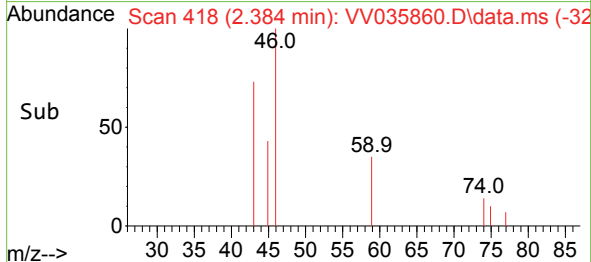
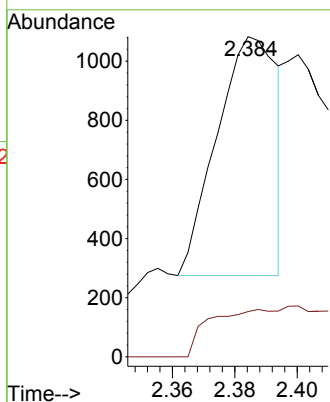
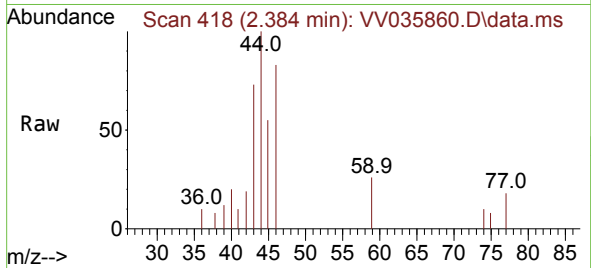




#15
Methyl Acetate
Concen: 0.407 ug/L
RT: 2.384 min Scan# 419
Delta R.T. -0.003 min
Lab File: VV035860.D
Acq: 29 May 2024 14:11

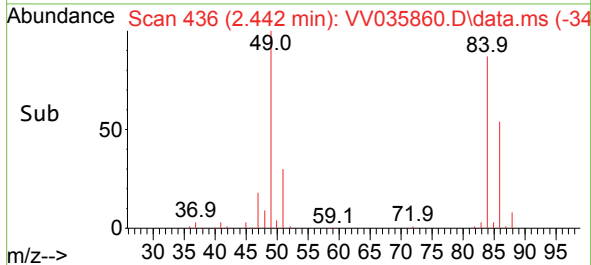
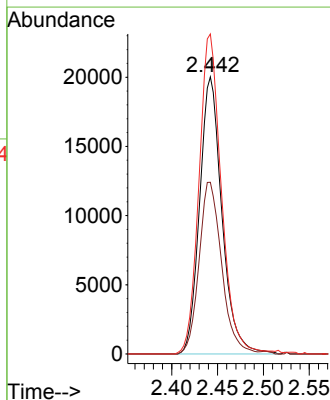
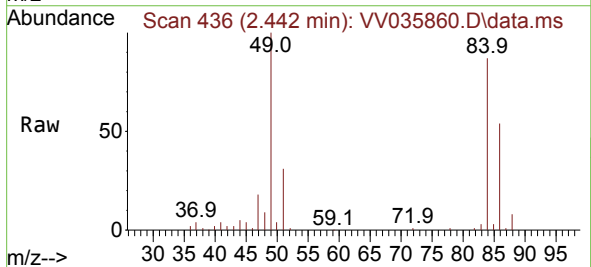
Instrument :
MSVOA_V
ClientSampleId :

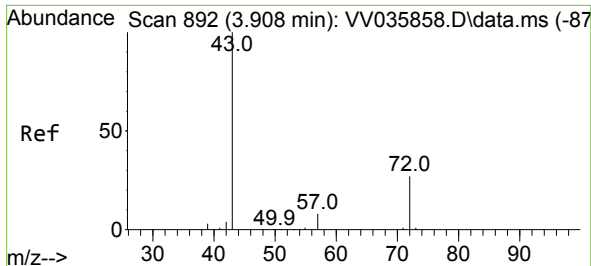
Tgt Ion: 43 Resp: 1076
Ion Ratio Lower Upper
43 100
74 20.0 18.6 27.8



#16
Methylene chloride
Concen: 5.409 ug/L
RT: 2.442 min Scan# 436
Delta R.T. -0.000 min
Lab File: VV035860.D
Acq: 29 May 2024 14:11

Tgt Ion: 84 Resp: 33897
Ion Ratio Lower Upper
84 100
86 62.0 43.8 81.3
49 115.5 75.3 139.9





#22

2-Butanone

Concen: 1.002 ug/L

RT: 3.841 min Scan# 81

Delta R.T. -0.068 min

Lab File: VV035860.D

Acq: 29 May 2024 14:11

Instrument :

MSVOA_V

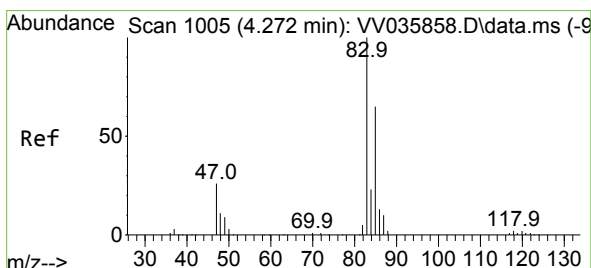
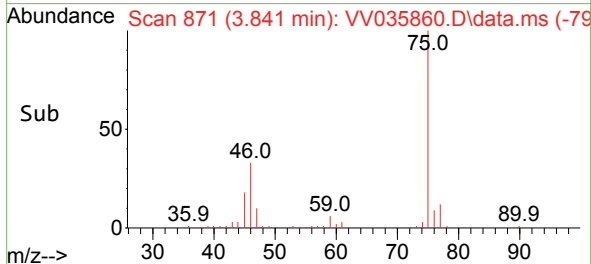
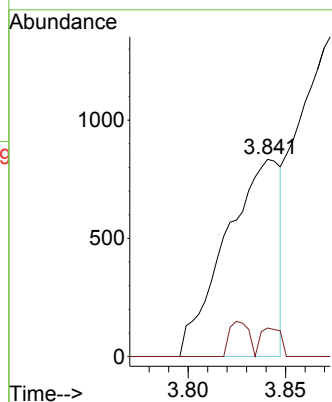
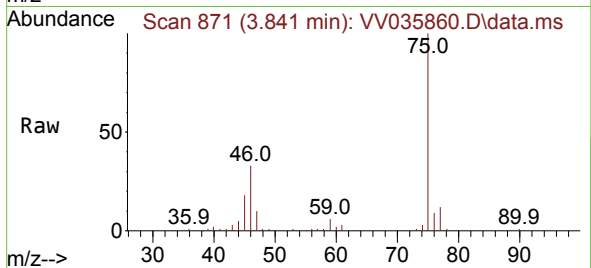
ClientSampleId :

Tgt Ion: 43 Resp: 1624

Ion Ratio Lower Upper

43 100

72 4.1 12.3 36.9#



#25

Chloroform

Concen: 0.777 ug/L

RT: 4.268 min Scan# 1004

Delta R.T. -0.003 min

Lab File: VV035860.D

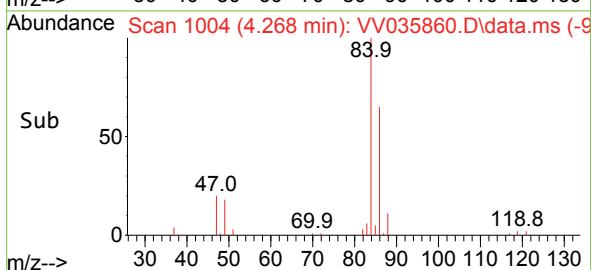
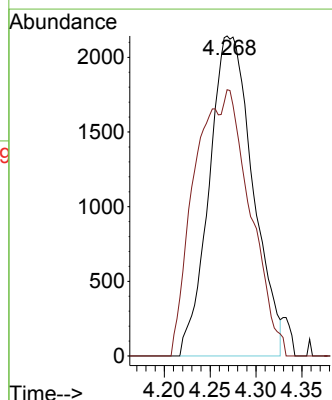
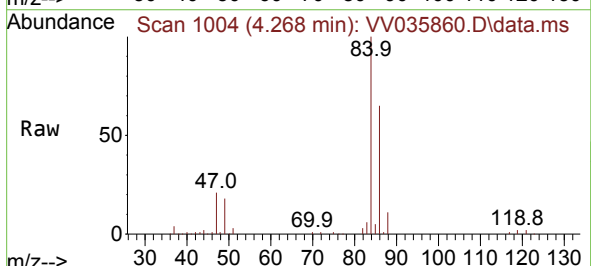
Acq: 29 May 2024 14:11

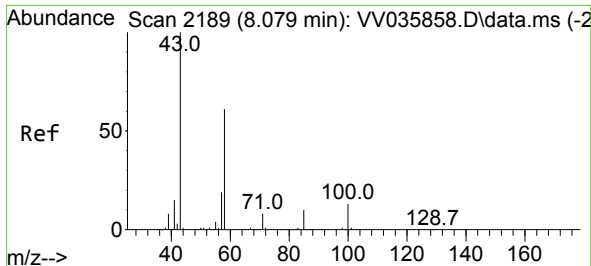
Tgt Ion: 83 Resp: 7121

Ion Ratio Lower Upper

83 100

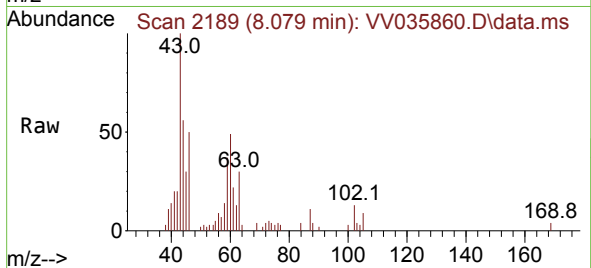
85 83.2 44.7 82.9#



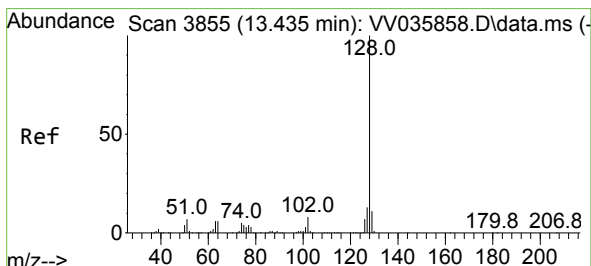
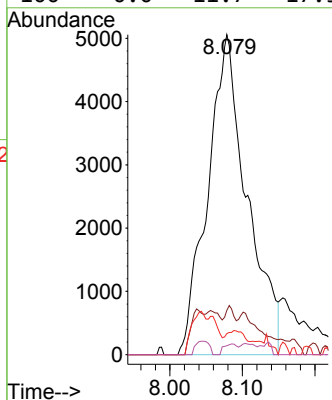
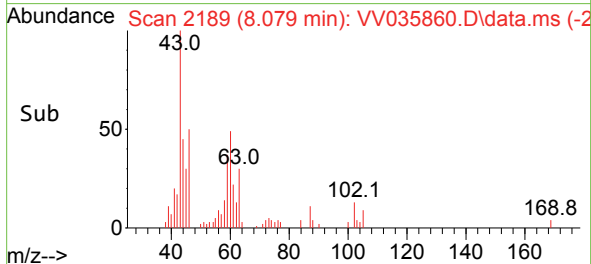


#48
2-Hexanone
Concen: 8.052 ug/L
RT: 8.079 min Scan# 2189
Delta R.T. -0.000 min
Lab File: VV035860.D
Acq: 29 May 2024 14:11

Instrument :
MSVOA_V
ClientSampleId :

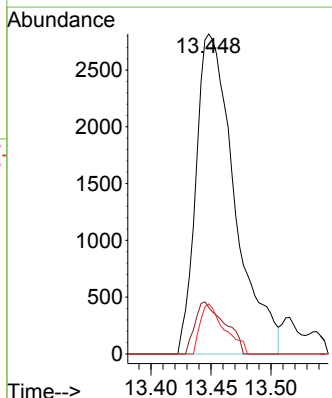
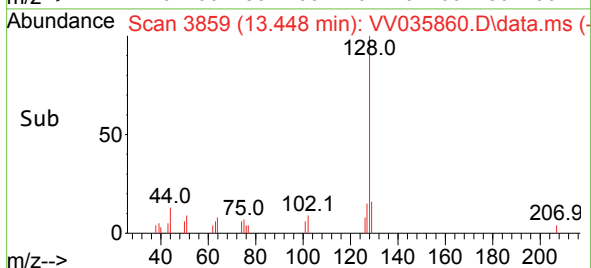
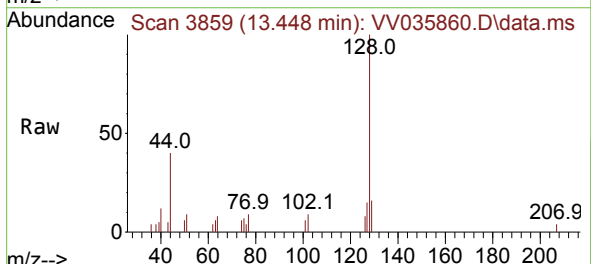


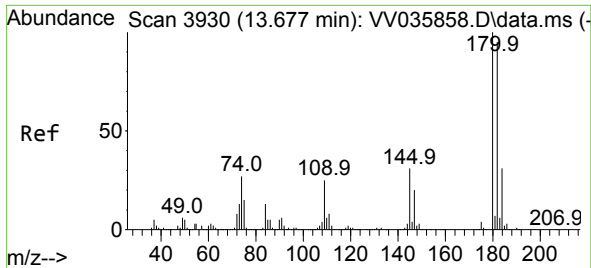
Tgt Ion: 43	Resp: 19023
Ion Ratio	Lower Upper
43 100	
58 0.9	48.8 73.2#
57 1.3	16.9 25.3#
100 0.0	11.7 17.5#



#71
Naphthalene
Concen: 0.597 ug/L
RT: 13.448 min Scan# 3859
Delta R.T. 0.013 min
Lab File: VV035860.D
Acq: 29 May 2024 14:11

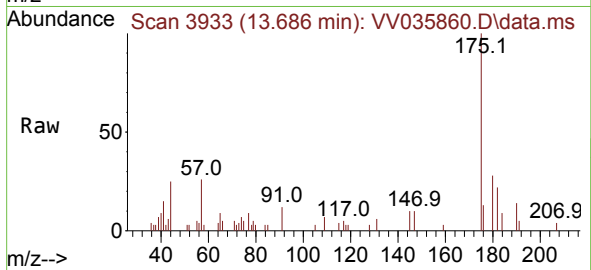
Tgt Ion:128	Resp: 6306		
Ion Ratio	Lower	Upper	
128 100			
127 12.5	10.4	15.6	
129 9.5	8.6	13.0	





#72
 1,2,3-Trichlorobenzene
 Concen: 0.335 ug/L
 RT: 13.686 min Scan# 3933
 Delta R.T. 0.009 min
 Lab File: VV035860.D
 Acq: 29 May 2024 14:11

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:	180	Resp:	1811
Ion Ratio	Lower	Upper	
180	100		
182	87.1	75.8	113.6
145	29.3	25.2	37.8

