

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW072624\
 Data File : VW036735.D
 Acq On : 26 Jul 2024 16:52
 Operator : SY/MD
 Sample : P3328-19
 Misc : 8.90g/5.00mL/MSVOA_V/SOIL/B
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 27 04:18:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072224SMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jul 27 04:14:21 2024
 Response via : Initial Calibration

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

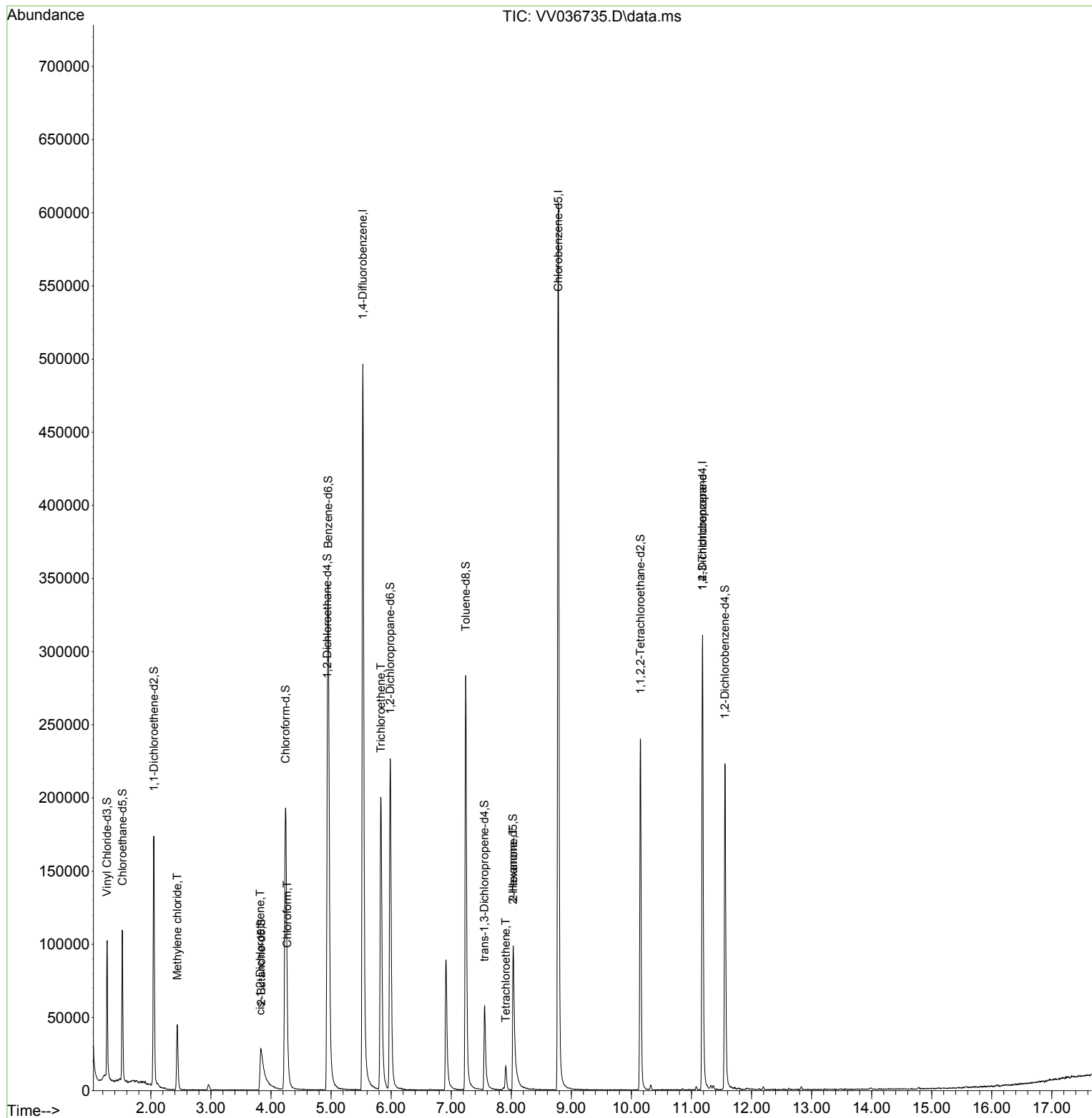
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	478515	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	379737	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	94031	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	61229	11.683	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	46.720%
7) Chloroethane-d5	1.526	69	70054	14.799	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	59.200%
11) 1,1-Dichloroethene-d2	2.050	65	27494	9.922	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	39.680%#
21) 2-Butanone-d5	3.838	46	47613	38.928	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	77.860%
24) Chloroform-d	4.243	84	225660	17.831	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	71.320%
26) 1,2-Dichloroethane-d4	4.937	65	118632	19.001	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	76.000%
32) Benzene-d6	4.953	84	306241	17.016	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	68.080%
36) 1,2-Dichloropropane-d6	5.986	67	114222	22.274	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.080%
41) Toluene-d8	7.243	98	210787	12.273	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	49.080%
43) trans-1,3-Dichloroprop...	7.555	79	41547	18.225	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	72.920%
47) 2-Hexanone-d5	8.030	63	37493	54.938	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.880%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	115353	25.809	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.240%
66) 1,2-Dichlorobenzene-d4	11.558	152	66232	20.178	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	80.720%
Target Compounds						
					Qvalue	
16) Methylene chloride	2.439	84	21448	2.409	ug/L	97
20) cis-1,2-Dichloroethene	3.822	96	7296	0.937	ug/L	96
25) Chloroform	4.272	83	7642	0.541	ug/L	95
34) Trichloroethene	5.831	95	73485	10.413	ug/L	97
46) Tetrachloroethene	7.908	164	4706	0.672	ug/L	92
48) 2-Hexanone	8.034	43	5338	2.938	ug/L #	70
61) 1,2,3-Trichloropropane	11.185	75	8420	5.079	ug/L #	58

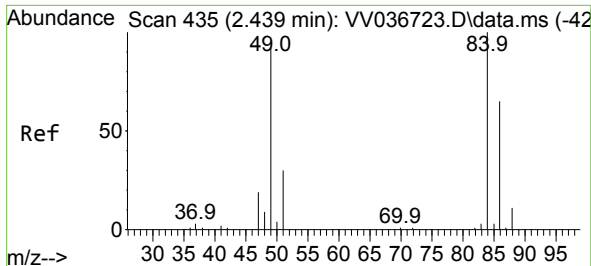
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
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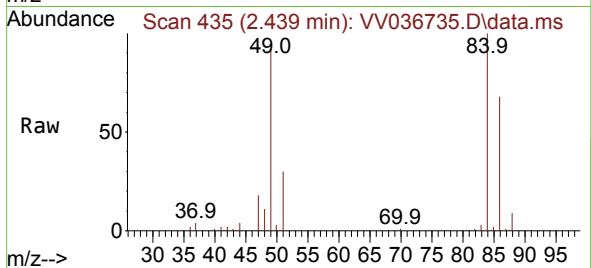
Quant Time: Jul 27 04:18:03 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072224SMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jul 27 04:14:21 2024
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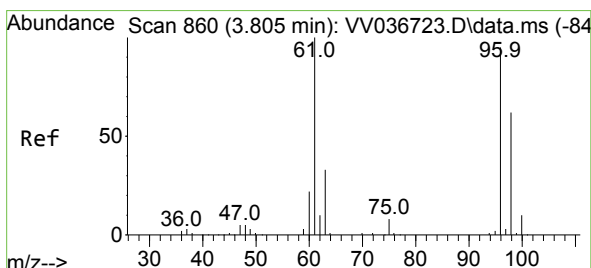
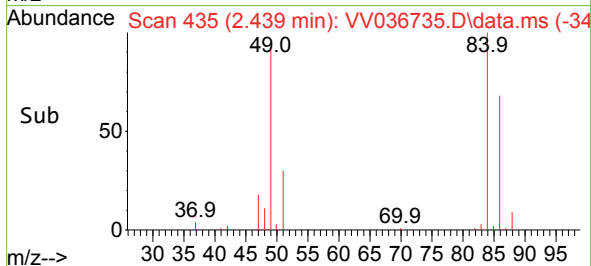
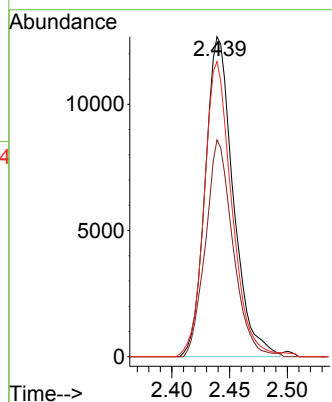
#16
Methylene chloride
Concen: 2.409 ug/L
RT: 2.439 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV036735.D
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Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 84 Resp: 21448

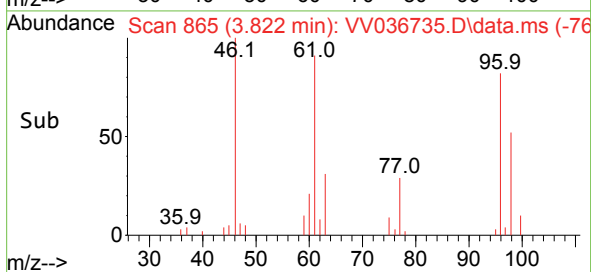
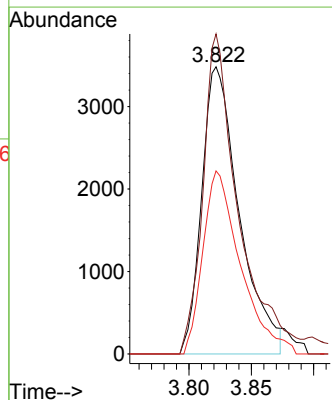
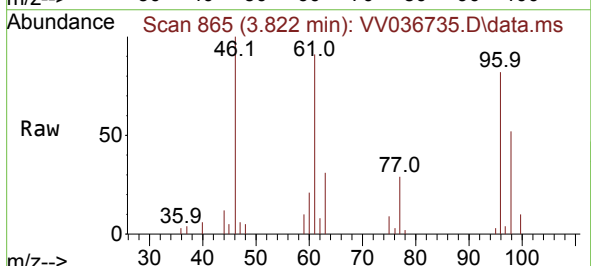
Ion	Ratio	Lower	Upper
84	100		
86	67.7	47.2	87.6
49	92.2	67.3	125.1

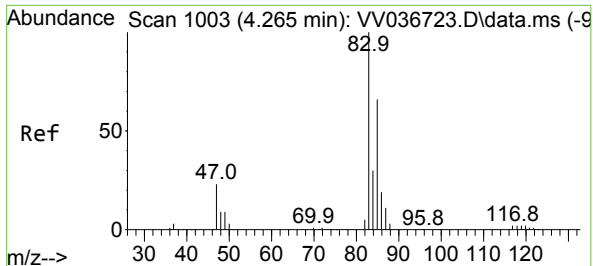


#20
cis-1,2-Dichloroethene
Concen: 0.937 ug/L
RT: 3.822 min Scan# 865
Delta R.T. 0.016 min
Lab File: VV036735.D
Acq: 26 Jul 2024 16:52

Tgt Ion: 96 Resp: 7296

Ion	Ratio	Lower	Upper
96	100		
61	111.4	73.0	135.6
98	63.7	44.8	83.2

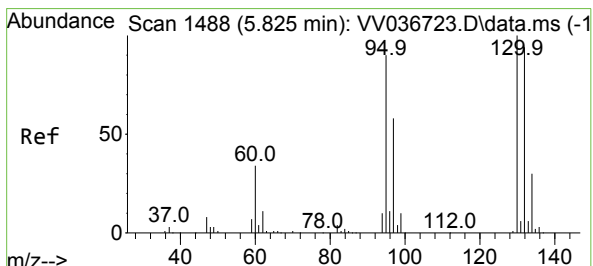
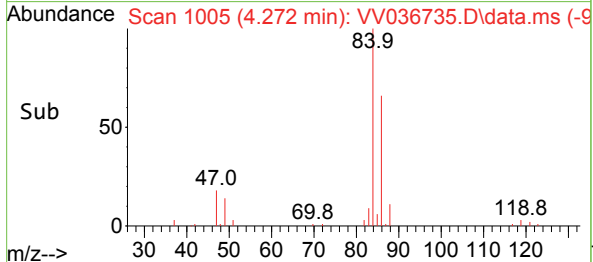
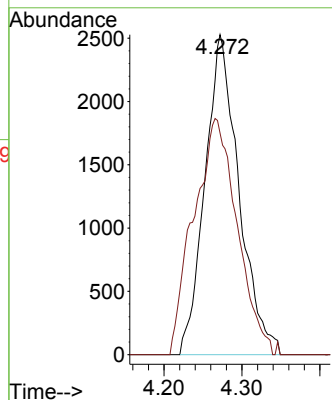
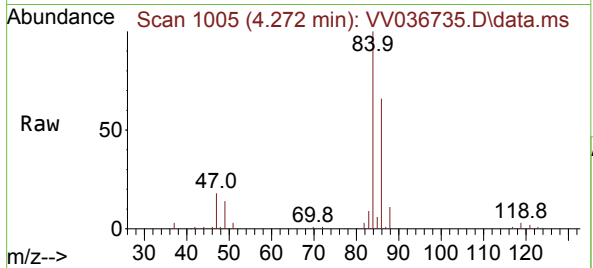




#25
Chloroform
Concen: 0.541 ug/L
RT: 4.272 min Scan# 1005
Delta R.T. 0.007 min
Lab File: VV036735.D
Acq: 26 Jul 2024 16:52

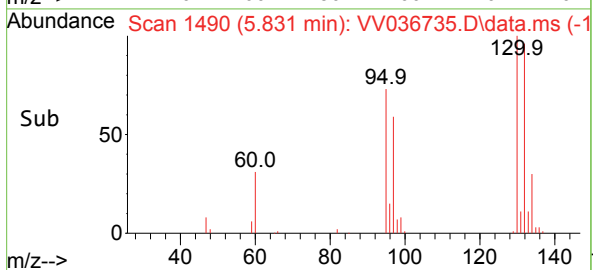
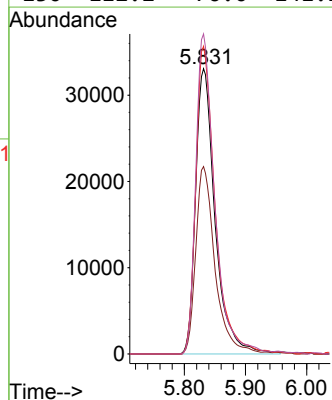
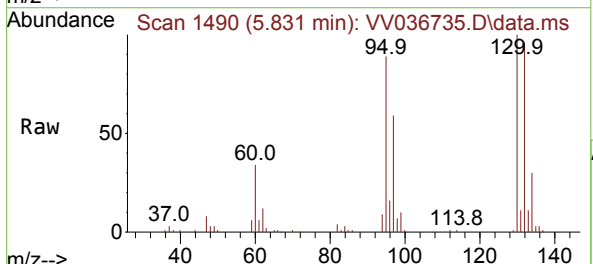
Instrument :
MSVOA_V
ClientSampleId :

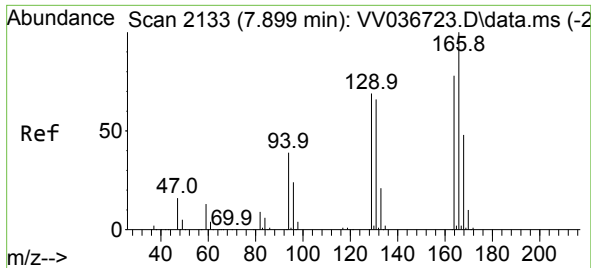
Tgt Ion: 83 Resp: 7642
Ion Ratio Lower Upper
83 100
85 69.2 45.6 84.6



#34
Trichloroethene
Concen: 10.413 ug/L
RT: 5.831 min Scan# 1490
Delta R.T. 0.006 min
Lab File: VV036735.D
Acq: 26 Jul 2024 16:52

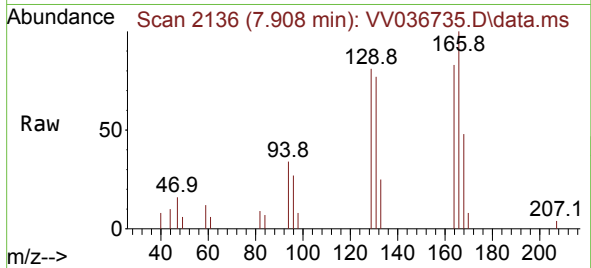
Tgt Ion: 95 Resp: 73485
Ion Ratio Lower Upper
95 100
97 65.7 45.1 83.7
132 107.9 72.7 134.9
130 112.2 76.0 141.2



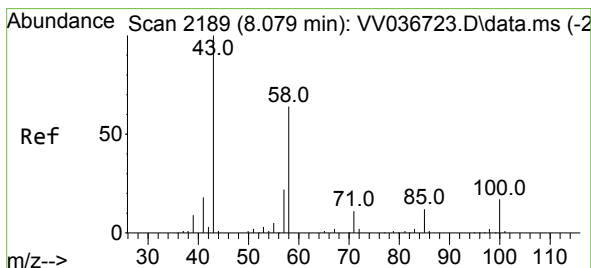
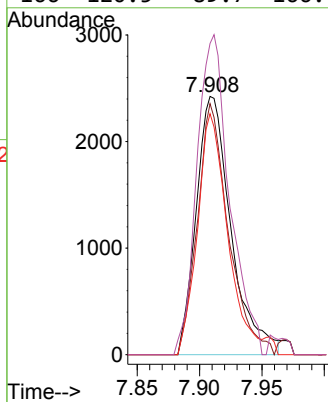
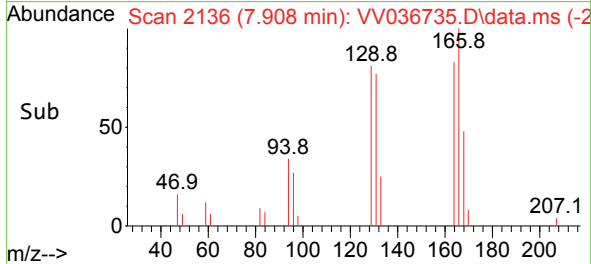


#46
Tetrachloroethene
Concen: 0.672 ug/L
RT: 7.908 min Scan# 2136
Delta R.T. 0.010 min
Lab File: VV036735.D
Acq: 26 Jul 2024 16:52

Instrument :
MSVOA_V
ClientSampleId :

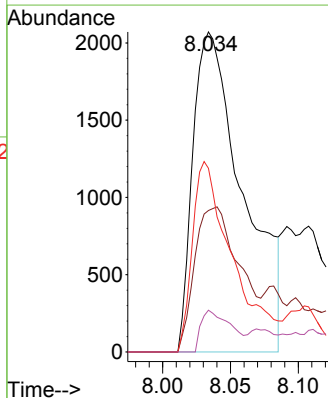
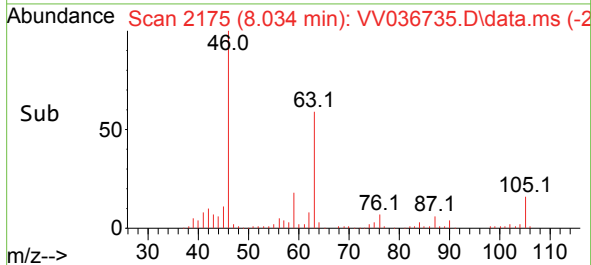
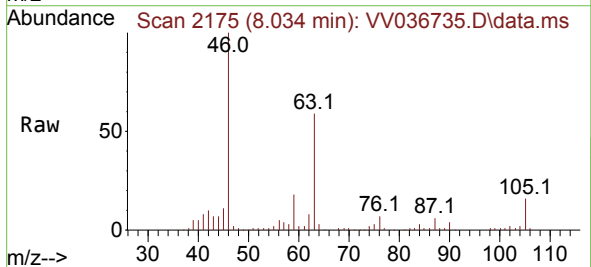


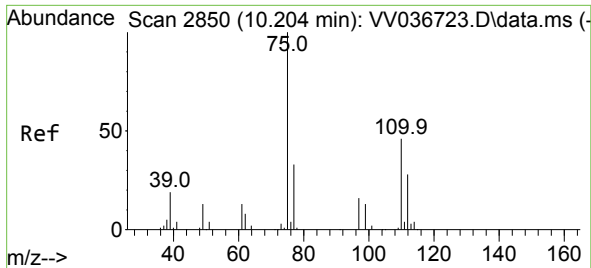
Tgt Ion:	164	Resp:	4706
Ion	Ratio	Lower	Upper
164	100		
129	97.2	61.0	113.2
131	93.4	60.1	111.5
166	120.5	89.7	166.7



#48
2-Hexanone
Concen: 2.938 ug/L
RT: 8.034 min Scan# 2175
Delta R.T. -0.045 min
Lab File: VV036735.D
Acq: 26 Jul 2024 16:52

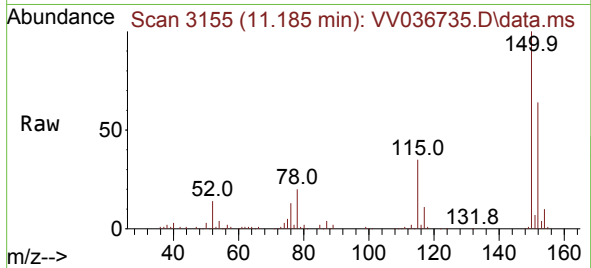
Tgt Ion:	43	Resp:	5338
Ion	Ratio	Lower	Upper
43	100		
58	41.5	50.6	75.8#
57	42.5	17.7	26.5#
100	7.7	13.9	20.9#





#61
 1,2,3-Trichloropropane
 Concen: 5.079 ug/L
 RT: 11.185 min Scan# 3155
 Delta R.T. 0.981 min
 Lab File: VV036735.D
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Tgt Ion:	75	Resp:	8420
Ion	Ratio	Lower	Upper
75	100		
77	37.3	25.9	38.9
110	1.6	36.2	54.4#

