

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071524\
 Data File : VV036540.D
 Acq On : 15 Jul 2024 20:04
 Operator : SY/MD
 Sample : P3238-06
 Misc : 5.84g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 16 01:32:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM071124SMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 16 01:25:30 2024
 Response via : Initial Calibration

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

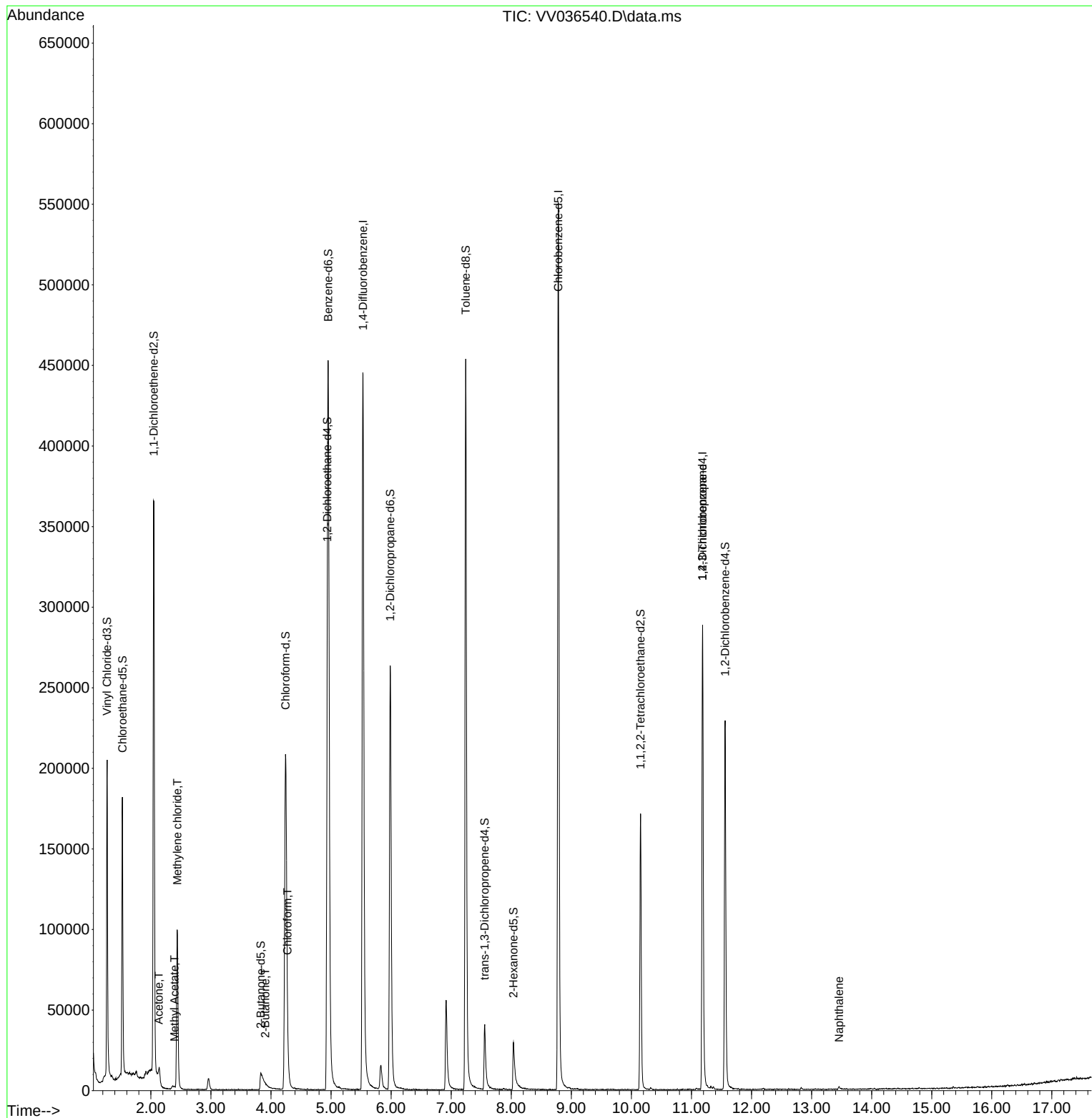
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	415169	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	333085	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	83749	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	130138	21.879	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.520%
7) Chloroethane-d5	1.526	69	114555	22.028	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.120%
11) 1,1-Dichloroethene-d2	2.047	65	57556	18.844	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	75.360%
21) 2-Butanone-d5	3.831	46	17455	17.146	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	34.300%
24) Chloroform-d	4.243	84	229079	18.956	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	75.840%
26) 1,2-Dichloroethane-d4	4.937	65	120279	20.067	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	80.280%
32) Benzene-d6	4.953	84	415699	25.016	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.080%
36) 1,2-Dichloropropane-d6	5.986	67	126750	25.594	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.360%
41) Toluene-d8	7.243	98	323926	21.127	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.520%
43) trans-1,3-Dichloroprop...	7.558	79	26068	12.660	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	50.640%
47) 2-Hexanone-d5	8.037	63	9823	17.859	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	35.720%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	81529	19.547	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	78.200%
66) 1,2-Dichlorobenzene-d4	11.561	152	65655	23.101	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.400%
Target Compounds						
					Qvalue	
13) Acetone	2.134	43	4635	3.220	ug/L	82
15) Methyl Acetate	2.391	43	1370	0.705	ug/L #	80
16) Methylene chloride	2.439	84	46774	5.480	ug/L	95
22) 2-Butanone	3.905	43	1263	1.045	ug/L #	70
25) Chloroform	4.275	83	7677	0.641	ug/L	100
61) 1,2,3-Trichloropropane	11.185	75	8213	5.512	ug/L #	63
71) Naphthalene	13.458	128	2462	0.538	ug/L #	80

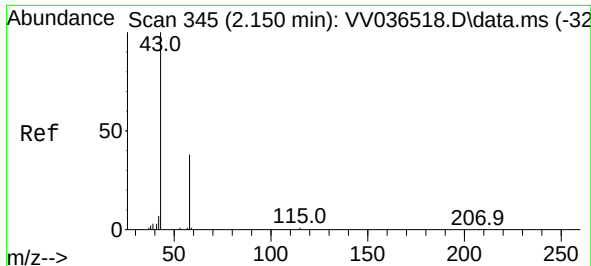
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_V
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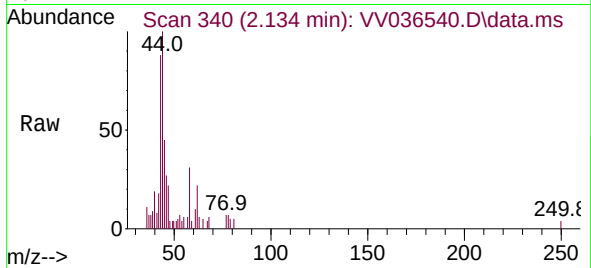
Quant Time: Jul 16 01:32:05 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM071124SMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jul 16 01:25:30 2024
Response via : Initial Calibration



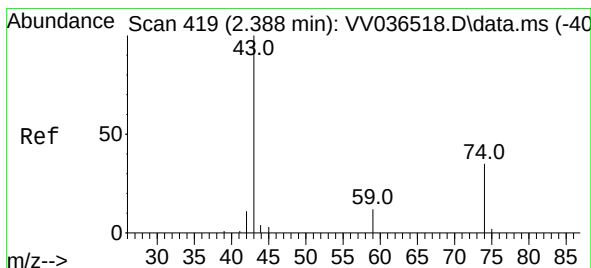
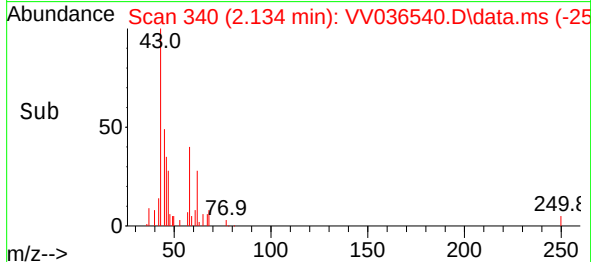
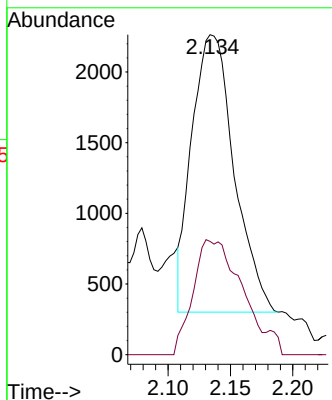


#13
Acetone
Concen: 3.220 ug/L
RT: 2.134 min Scan# 34
Delta R.T. -0.016 min
Lab File: VV036540.D
Acq: 15 Jul 2024 20:04

Instrument :
MSVOA_V
ClientSampleId :

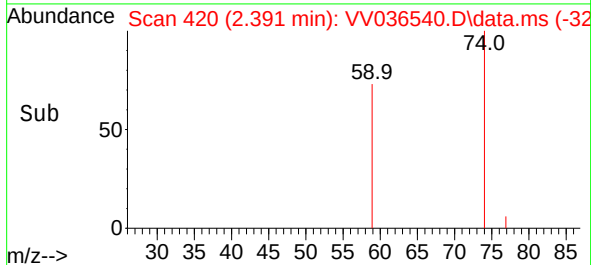
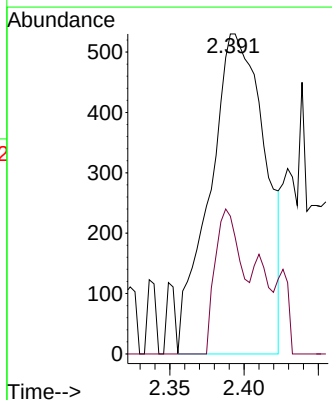
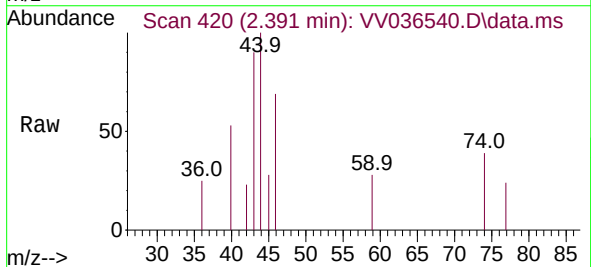


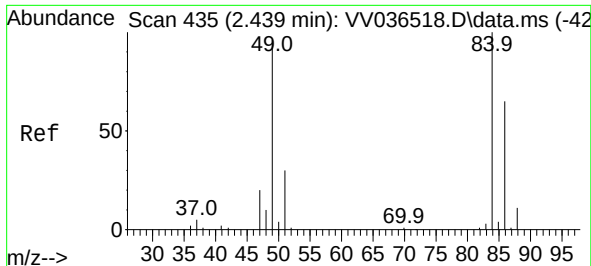
Tgt Ion: 43 Resp: 4635
Ion Ratio Lower Upper
43 100
58 21.5 0.0 28.4



#15
Methyl Acetate
Concen: 0.705 ug/L
RT: 2.391 min Scan# 420
Delta R.T. 0.003 min
Lab File: VV036540.D
Acq: 15 Jul 2024 20:04

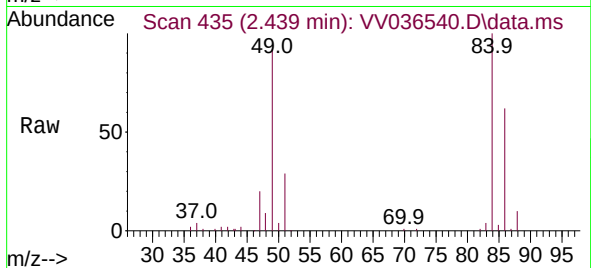
Tgt Ion: 43 Resp: 1370
Ion Ratio Lower Upper
43 100
74 21.8 26.3 39.5#





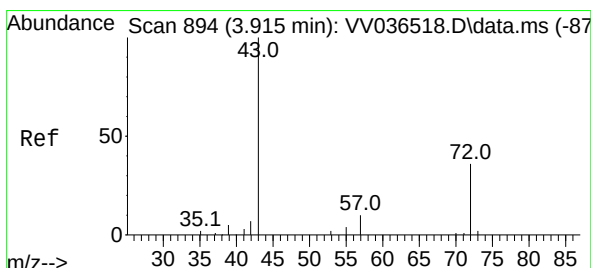
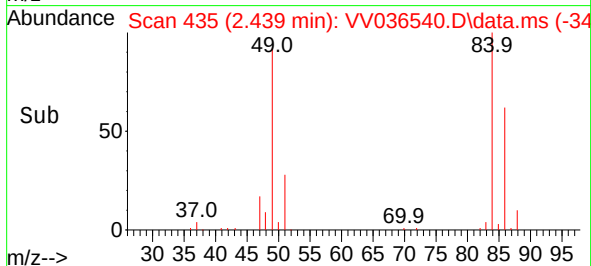
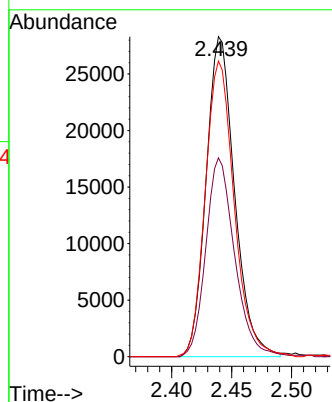
#16
Methylene chloride
Concen: 5.480 ug/L
RT: 2.439 min Scan# 41
Delta R.T. -0.000 min
Lab File: VV036540.D
Acq: 15 Jul 2024 20:04

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 84 Resp: 46774

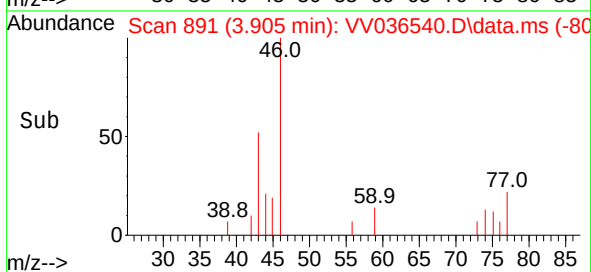
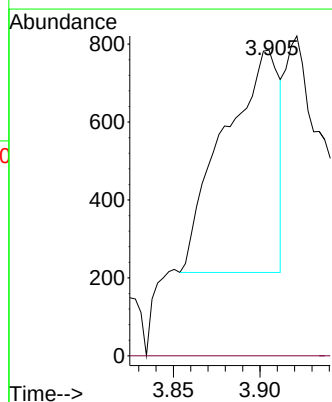
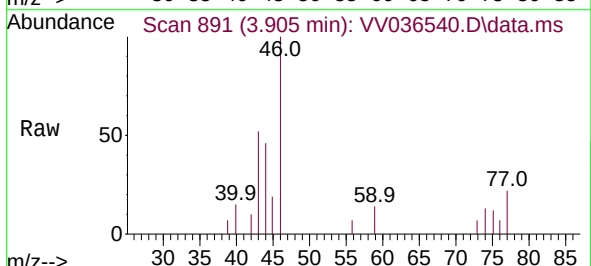
Ion	Ratio	Lower	Upper
84	100		
86	62.2	46.3	86.1
49	92.4	68.1	126.5

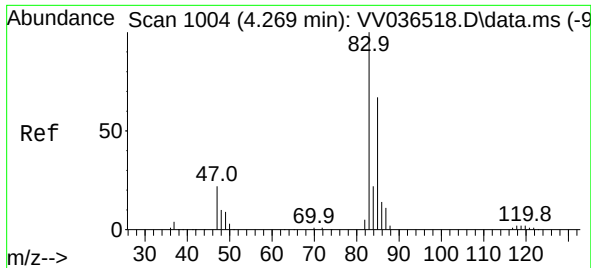


#22
2-Butanone
Concen: 1.045 ug/L
RT: 3.905 min Scan# 891
Delta R.T. -0.010 min
Lab File: VV036540.D
Acq: 15 Jul 2024 20:04

Tgt Ion: 43 Resp: 1263

Ion	Ratio	Lower	Upper
43	100		
72	0.0	5.9	17.6#

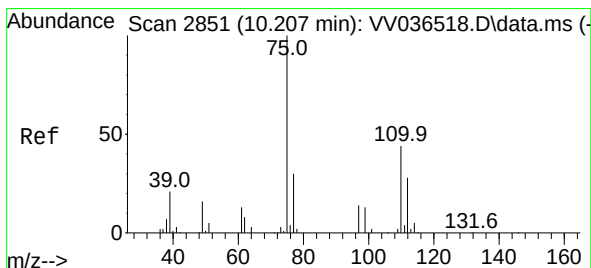
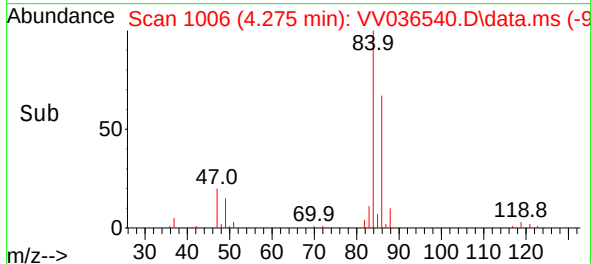
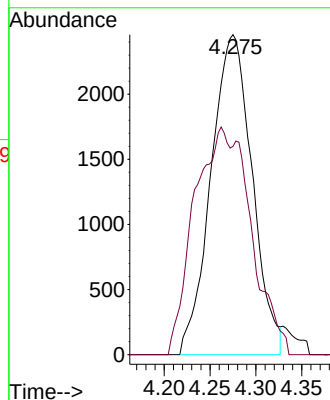
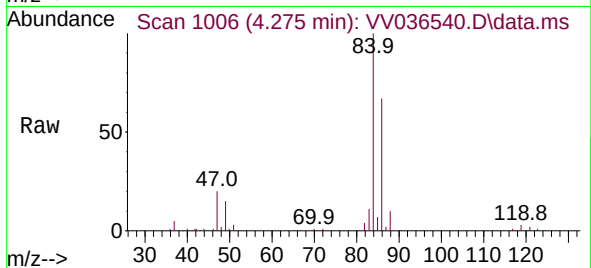




#25
Chloroform
Concen: 0.641 ug/L
RT: 4.275 min Scan# 1006
Delta R.T. 0.006 min
Lab File: VV036540.D
Acq: 15 Jul 2024 20:04

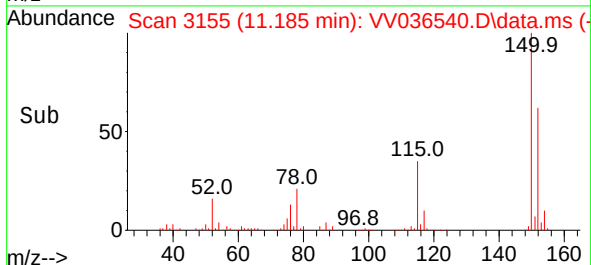
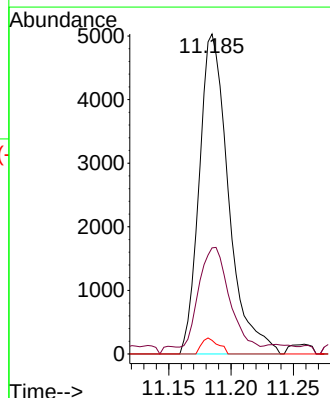
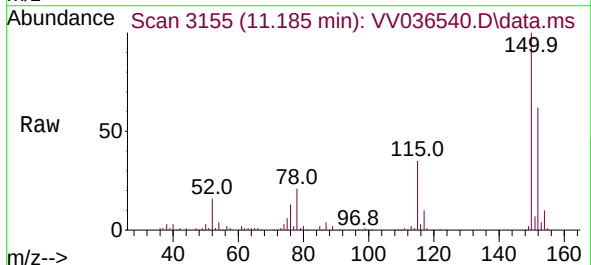
Instrument :
MSVOA_V
ClientSampleId :

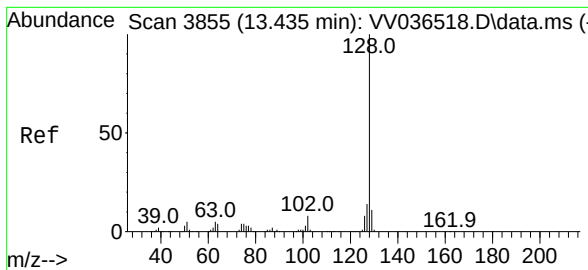
Tgt Ion: 83 Resp: 7677
Ion Ratio Lower Upper
83 100
85 65.1 45.6 84.6



#61
1,2,3-Trichloropropane
Concen: 5.512 ug/L
RT: 11.185 min Scan# 3155
Delta R.T. 0.977 min
Lab File: VV036540.D
Acq: 15 Jul 2024 20:04

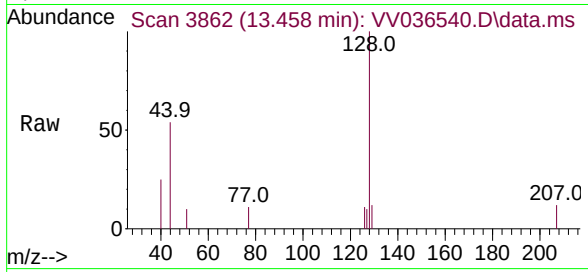
Tgt Ion: 75 Resp: 8213
Ion Ratio Lower Upper
75 100
77 33.4 25.6 38.4
110 2.8 34.8 52.2#





#71
Naphthalene
Concen: 0.538 ug/L
RT: 13.458 min Scan# 3862
Delta R.T. 0.022 min
Lab File: VV036540.D
Acq: 15 Jul 2024 20:04

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:	128	Resp:	2462
Ion	Ratio	Lower	Upper
128	100		
127	4.3	10.8	16.2#
129	4.7	8.6	13.0#

