

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071624\
 Data File : VV036567.D
 Acq On : 16 Jul 2024 15:13
 Operator : SY/MD
 Sample : P3238-09
 Misc : 5.06g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 17 02:28:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM071124SMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 17 02:15:19 2024
 Response via : Initial Calibration

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

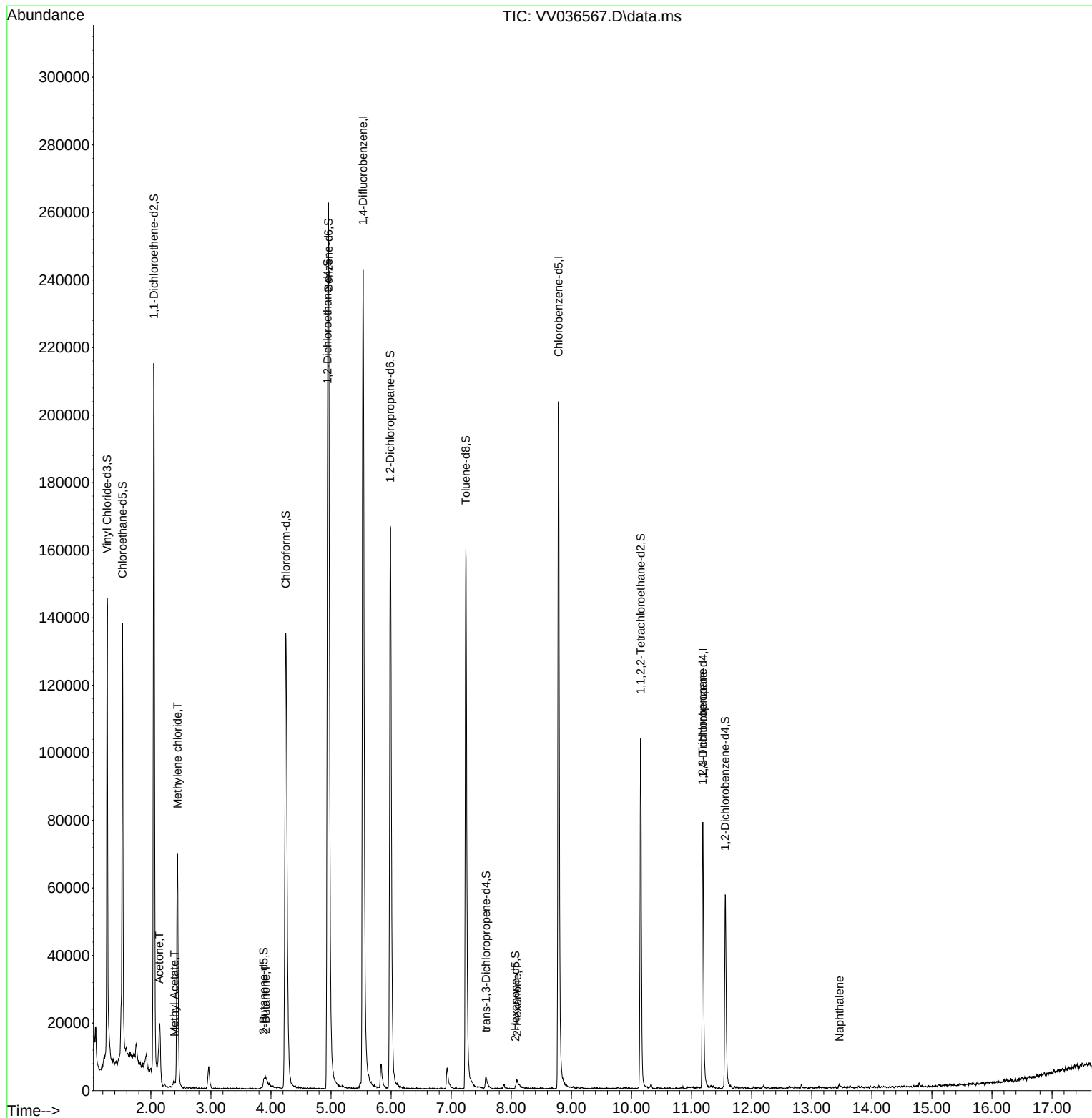
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	228407	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	126525	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	23004	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	89934	27.483	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 109.920%	
7) Chloroethane-d5	1.526	69	85587	29.915	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 119.640%	
11) 1,1-Dichloroethene-d2	2.050	65	33217	19.768	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 79.080%	
21) 2-Butanone-d5	3.879	46	1193	2.130	ug/L	0.04
Spiked Amount	50.000	Range	20 - 135	Recovery	= 4.260%#	
24) Chloroform-d	4.246	84	149700	22.517	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 90.080%	
26) 1,2-Dichloroethane-d4	4.940	65	83323	25.268	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 101.080%	
32) Benzene-d6	4.957	84	228136	36.142	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 144.560%#	
36) 1,2-Dichloropropane-d6	5.985	67	81605	43.380	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 173.520%#	
41) Toluene-d8	7.243	98	118880	20.412	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 81.640%	
43) trans-1,3-Dichloroprop...	7.577	79	2769	3.540	ug/L	0.03
Spiked Amount	25.000	Range	30 - 135	Recovery	= 14.160%#	
47) 2-Hexanone-d5	8.069	63	128	0.613	ug/L	0.04
Spiked Amount	50.000	Range	20 - 135	Recovery	= 1.220%#	
56) 1,1,2,2-Tetrachloroeth...	10.152	84	48767	30.781	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 123.120%#	
66) 1,2-Dichlorobenzene-d4	11.561	152	17498	22.414	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 89.640%	
Target Compounds						
					Qvalue	
13) Acetone	2.140	43	8922	11.267	ug/L #	38
15) Methyl Acetate	2.391	43	1437	1.343	ug/L #	81
16) Methylene chloride	2.442	84	31979	6.810	ug/L	95
22) 2-Butanone	3.912	43	2657	3.997	ug/L #	74
48) 2-Hexanone	8.098	43	880	1.652	ug/L #	38
61) 1,2,3-Trichloropropane	11.185	75	2541	6.208	ug/L #	58
71) Naphthalene	13.464	128	1343	1.069	ug/L #	69

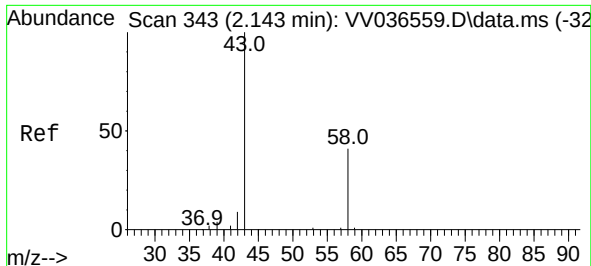
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM071124SMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jul 17 02:15:19 2024
Response via : Initial Calibration





#13

Acetone

Concen: 11.267 ug/L

RT: 2.140 min Scan# 343

Delta R.T. -0.003 min

Lab File: VV036567.D

Acq: 16 Jul 2024 15:13

Instrument :

MSVOA_V

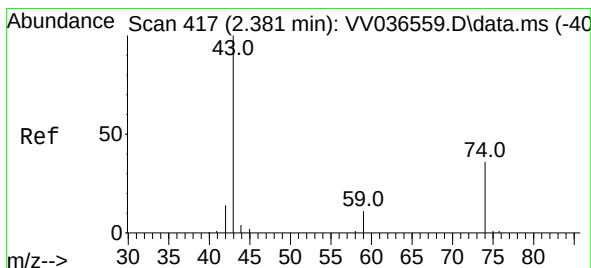
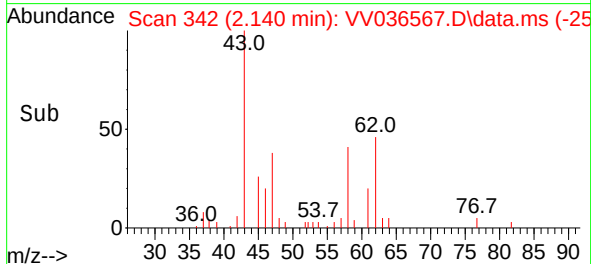
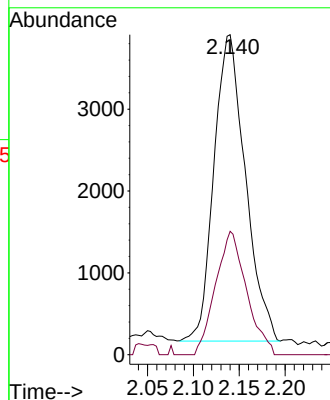
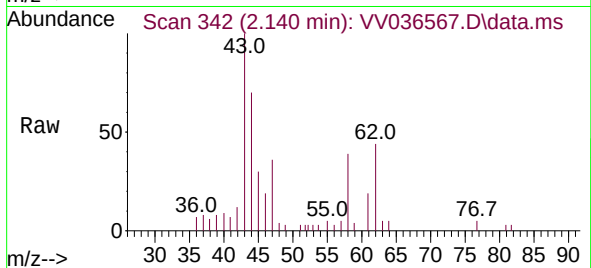
ClientSampleId :

Tgt Ion: 43 Resp: 8922

Ion Ratio Lower Upper

43 100

58 39.5 0.0 28.4#



#15

Methyl Acetate

Concen: 1.343 ug/L

RT: 2.391 min Scan# 420

Delta R.T. 0.010 min

Lab File: VV036567.D

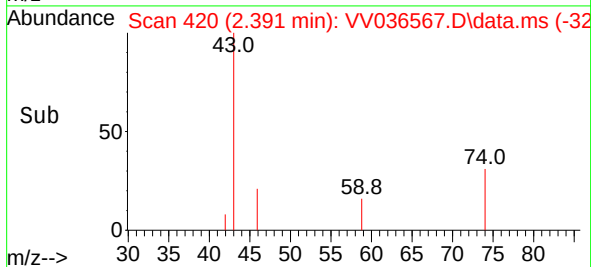
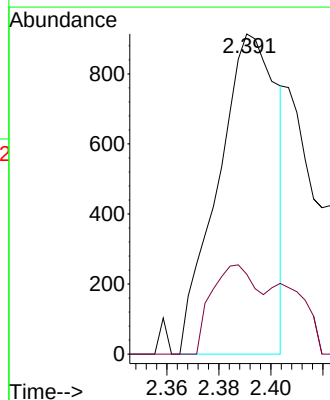
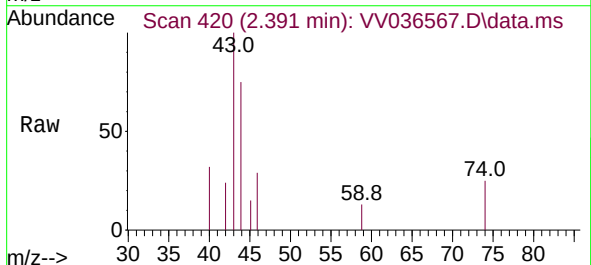
Acq: 16 Jul 2024 15:13

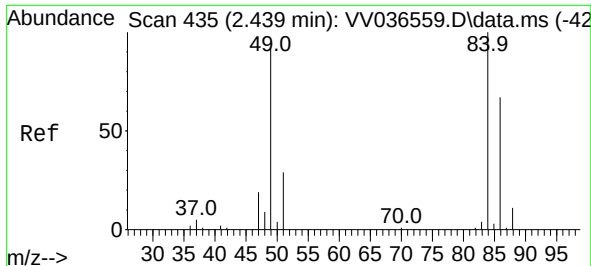
Tgt Ion: 43 Resp: 1437

Ion Ratio Lower Upper

43 100

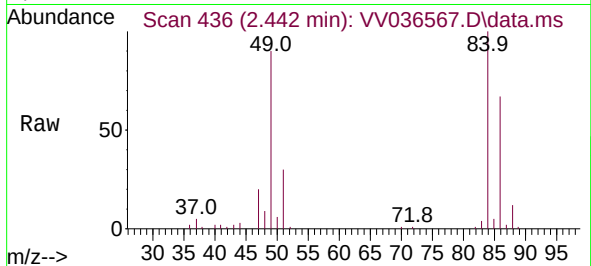
74 22.1 26.3 39.5#



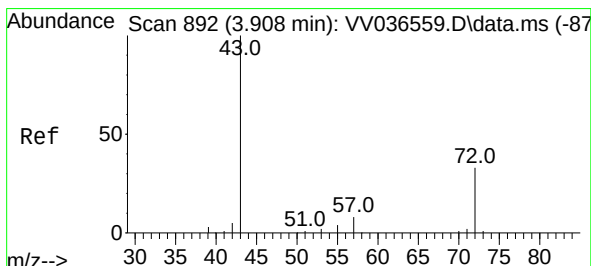
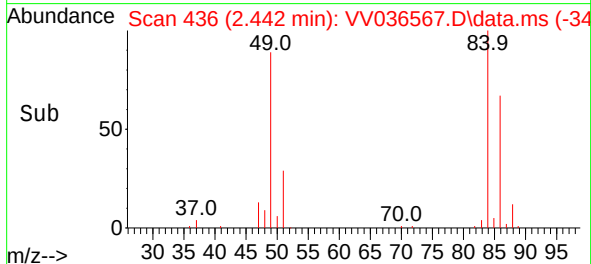
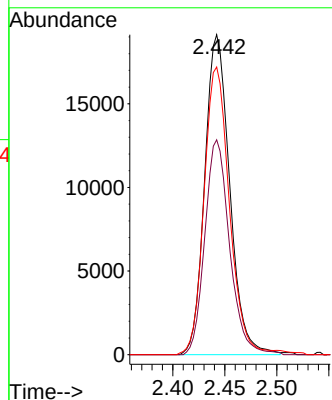


#16
Methylene chloride
Concen: 6.810 ug/L
RT: 2.442 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV036567.D
Acq: 16 Jul 2024 15:13

Instrument :
MSVOA_V
ClientSampleId :

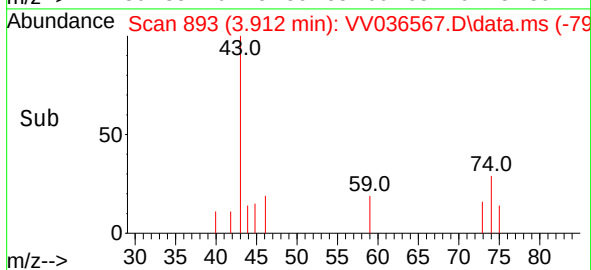
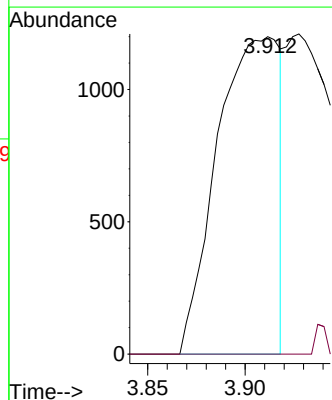
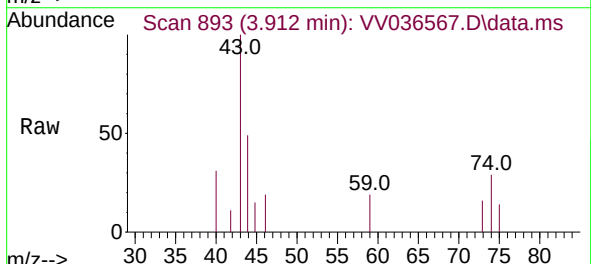


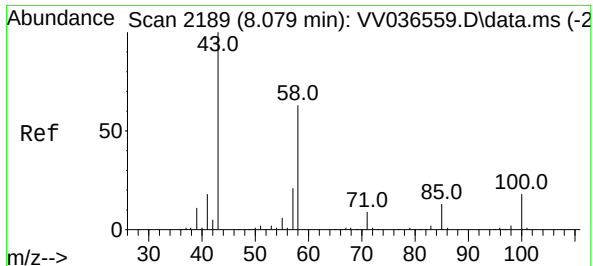
Tgt Ion: 84 Resp: 31979
Ion Ratio Lower Upper
84 100
86 67.1 46.3 86.1
49 89.9 68.1 126.5



#22
2-Butanone
Concen: 3.997 ug/L
RT: 3.912 min Scan# 893
Delta R.T. 0.003 min
Lab File: VV036567.D
Acq: 16 Jul 2024 15:13

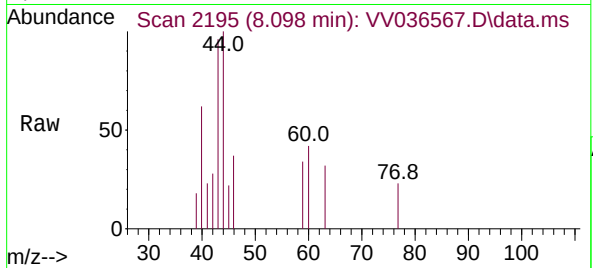
Tgt Ion: 43 Resp: 2657
Ion Ratio Lower Upper
43 100
72 1.6 5.9 17.6#





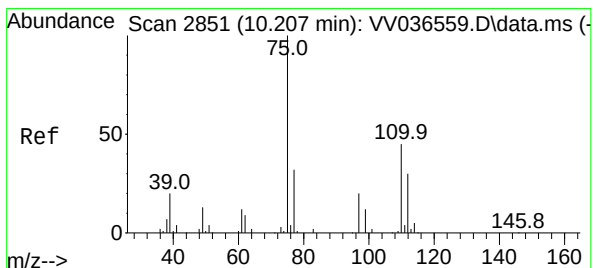
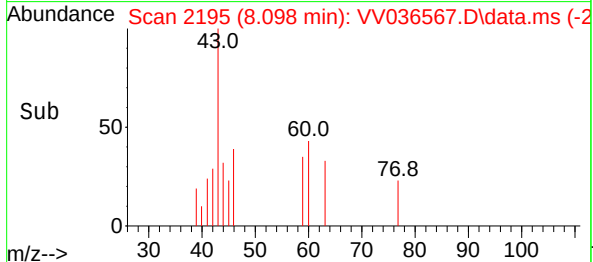
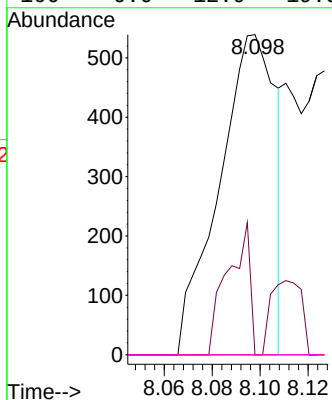
#48
2-Hexanone
Concen: 1.652 ug/L
RT: 8.098 min Scan# 2189
Delta R.T. 0.019 min
Lab File: VV036567.D
Acq: 16 Jul 2024 15:13

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 43 Resp: 880

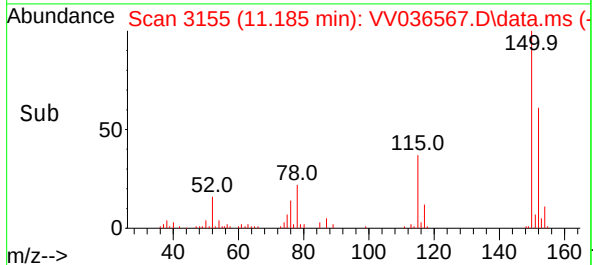
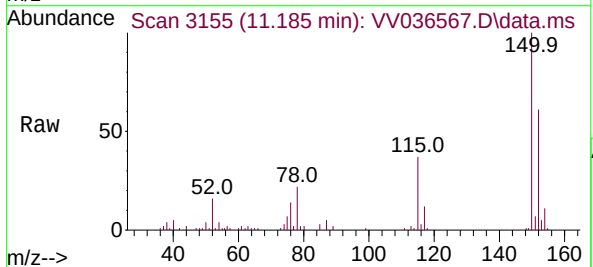
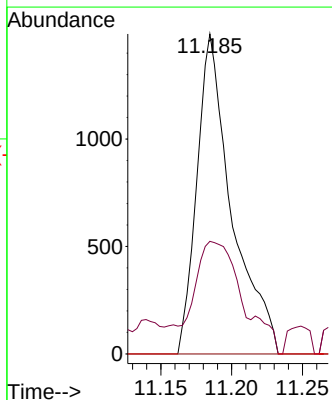
Ion	Ratio	Lower	Upper
43	100		
58	4.9	49.5	74.3#
57	0.0	15.3	22.9#
100	0.0	12.9	19.3#

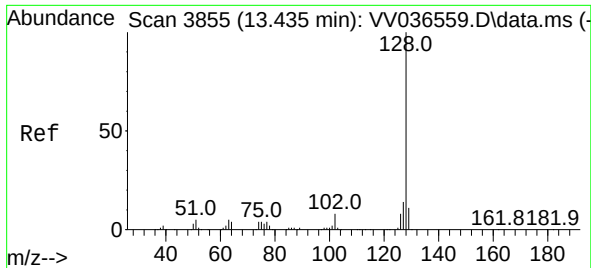


#61
1,2,3-Trichloropropane
Concen: 6.208 ug/L
RT: 11.185 min Scan# 3155
Delta R.T. 0.977 min
Lab File: VV036567.D
Acq: 16 Jul 2024 15:13

Tgt Ion: 75 Resp: 2541

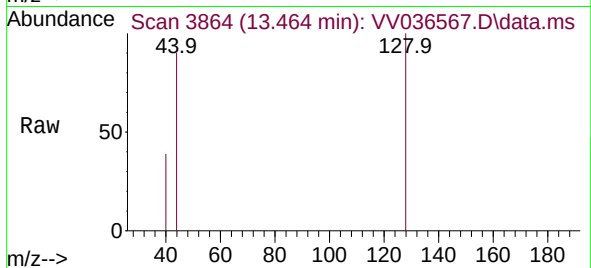
Ion	Ratio	Lower	Upper
75	100		
77	28.4	25.6	38.4
110	0.0	34.8	52.2#





#71
Naphthalene
Concen: 1.069 ug/L
RT: 13.464 min Scan# 3864
Delta R.T. 0.029 min
Lab File: VV036567.D
Acq: 16 Jul 2024 15:13

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:	128	Resp:	1343
Ion Ratio	Lower	Upper	
128	100		
127	0.0	10.8	16.2#
129	0.0	8.6	13.0#

