

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082622\
 Data File : VU050466.D
 Acq On : 26 Aug 2022 18:48
 Operator : SY/MD
 Sample : N4372-03
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EY185

Quant Time: Aug 27 02:49:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM082422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 27 02:44:18 2022
 Response via : Initial Calibration

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

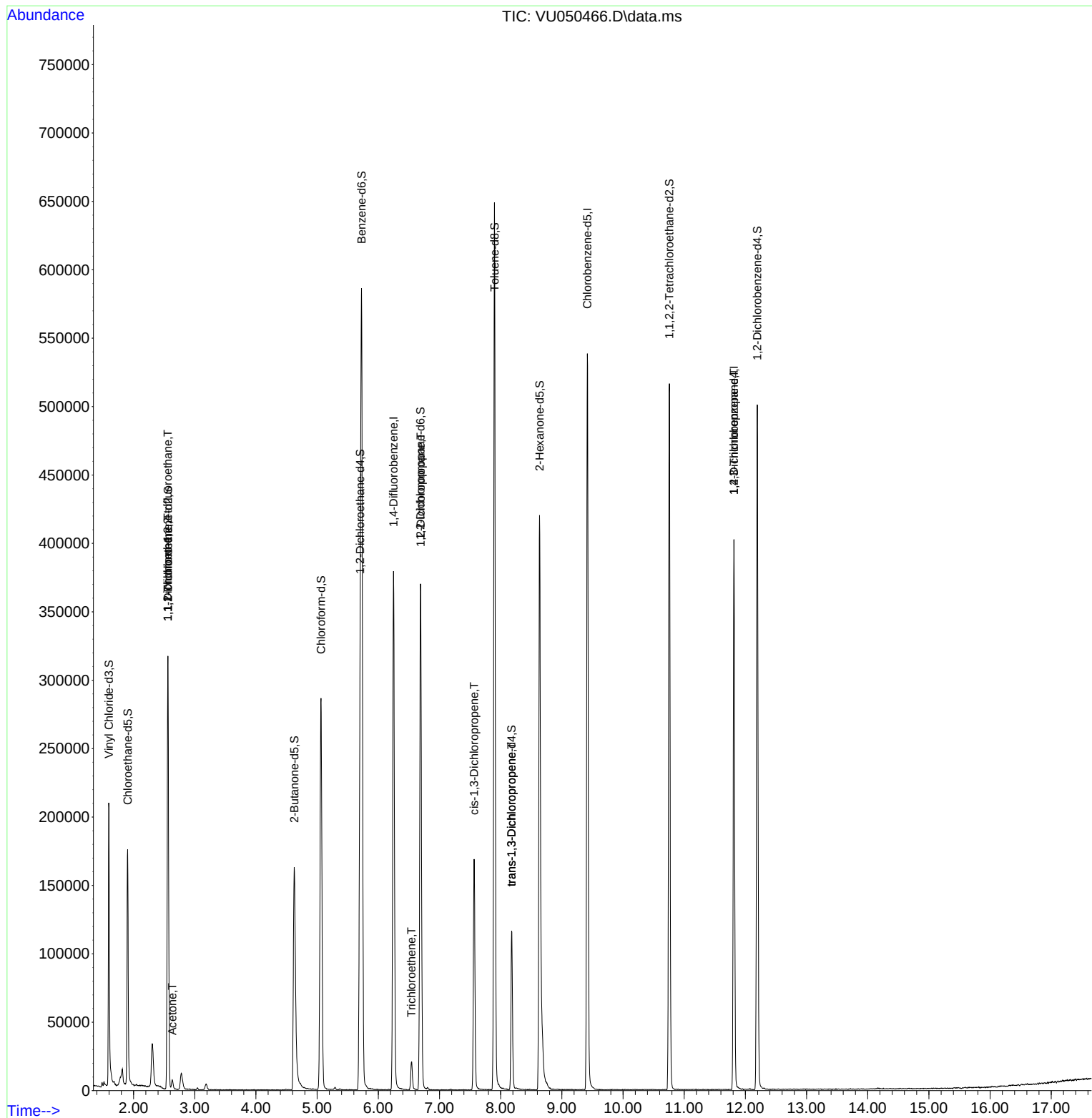
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	306864	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	306204	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	107538	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	163586	45.084	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	90.160%		
7) Chloroethane-d5	1.903	69	133757	49.819	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	99.640%		
11) 1,1-Dichloroethene-d2	2.562	63	186490	36.368	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	72.740%		
21) 2-Butanone-d5	4.626	46	239073	100.664	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	100.660%		
24) Chloroform-d	5.063	84	268646	46.123	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.240%		
26) 1,2-Dichloroethane-d4	5.703	65	174547	48.217	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.440%		
32) Benzene-d6	5.726	84	544115	48.092	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.180%		
36) 1,2-Dichloropropane-d6	6.690	67	182207	48.613	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	97.220%		
41) Toluene-d8	7.899	98	432299	43.666	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	87.340%		
43) trans-1,3-Dichloroprop...	8.179	79	67123	42.932	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	85.860%		
47) 2-Hexanone-d5	8.636	63	132572	95.310	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	95.310%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	266136	46.035	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	92.080%		
66) 1,2-Dichlorobenzene-d4	12.195	152	135604	52.788	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	105.580%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.559	101	1554	0.730	ug/L #	21
12) 1,1-Dichloroethene	2.559	96	1533	0.814	ug/L #	1
13) Acetone	2.633	43	8016	5.133	ug/L	95
34) Trichloroethene	6.543	95	6499	2.962	ug/L	97
37) 1,2-Dichloropropane	6.694	63	18735	6.957	ug/L #	90
39) cis-1,3-Dichloropropene	7.565	75	4149	1.173	ug/L #	59
44) trans-1,3-Dichloropropene	8.179	75	2844	0.863	ug/L	91
60) 1,2,3-Trichloropropane	11.812	75	12814	4.624	ug/L #	67

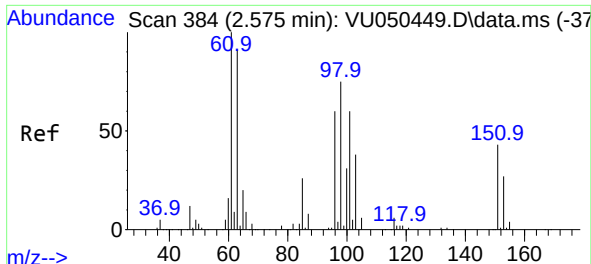
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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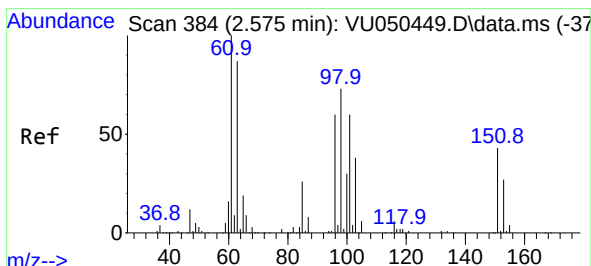
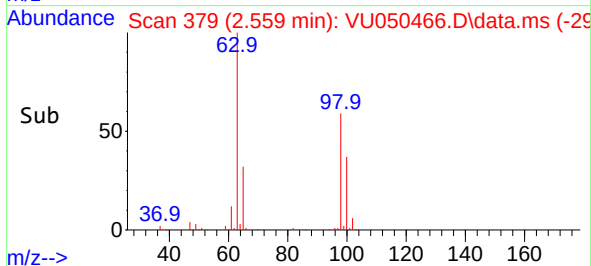
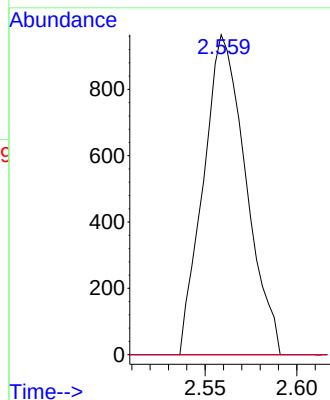
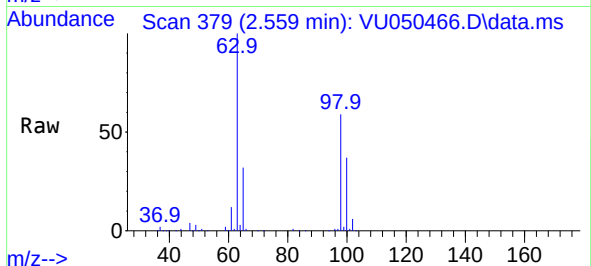




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.730 ug/L
 RT: 2.559 min Scan# 31
 Delta R.T. -0.016 min
 Lab File: VU050466.D
 Acq: 26 Aug 2022 18:48

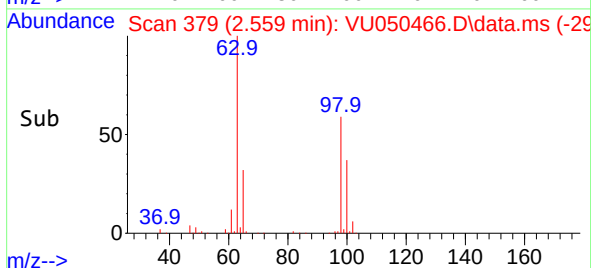
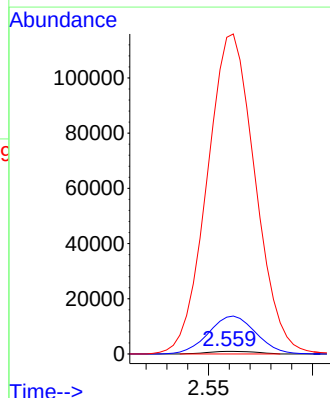
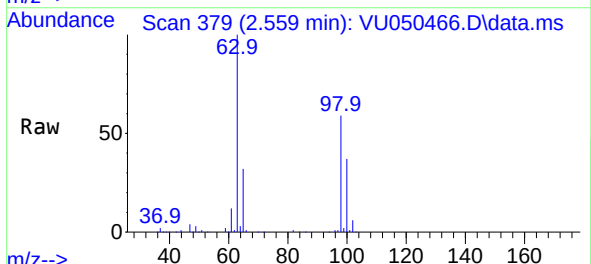
Instrument :
 MSVOA_U
 ClientSampleId :
 EY185

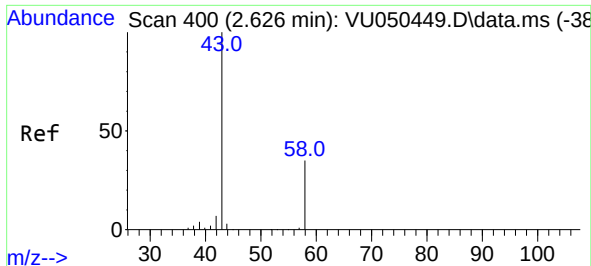
Tgt Ion:101 Resp: 1554
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.3 52.9#
 151 0.0 57.3 85.9#



#12
 1,1-Dichloroethene
 Concen: 0.814 ug/L
 RT: 2.559 min Scan# 379
 Delta R.T. -0.016 min
 Lab File: VU050466.D
 Acq: 26 Aug 2022 18:48

Tgt Ion: 96 Resp: 1533
 Ion Ratio Lower Upper
 96 100
 61 1426.1 116.8 216.8#
 63 12253.8 97.4 180.8#





#13

Acetone

Concen: 5.133 ug/L

RT: 2.633 min Scan# 400

Delta R.T. 0.006 min

Lab File: VU050466.D

Acq: 26 Aug 2022 18:48

Instrument :

MSVOA_U

ClientSampleId :

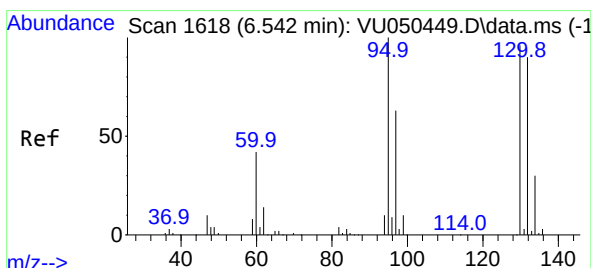
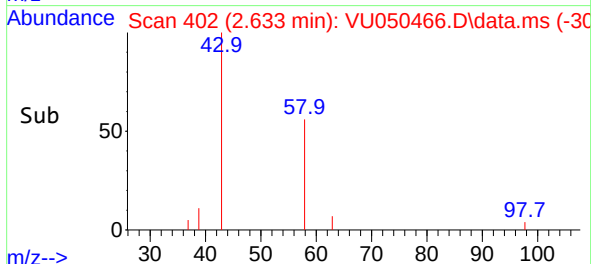
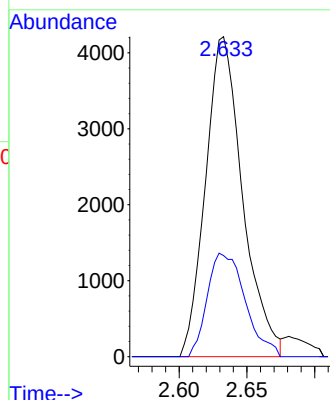
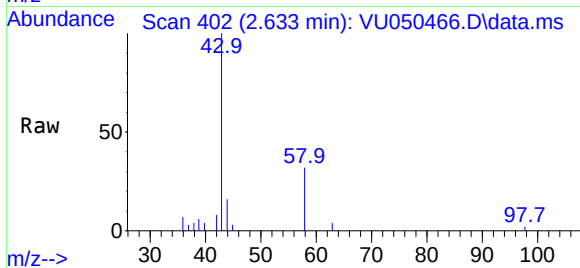
EY185

Tgt Ion: 43 Resp: 8016

Ion Ratio Lower Upper

43 100

58 33.0 0.0 72.2



#34

Trichloroethene

Concen: 2.962 ug/L

RT: 6.543 min Scan# 1618

Delta R.T. 0.000 min

Lab File: VU050466.D

Acq: 26 Aug 2022 18:48

Tgt Ion: 95 Resp: 6499

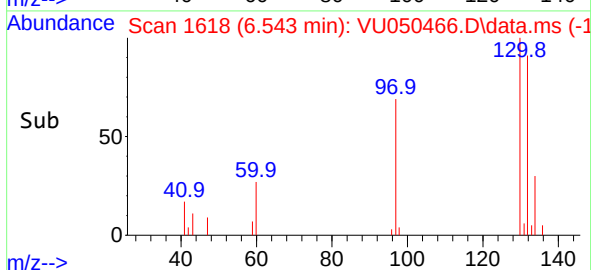
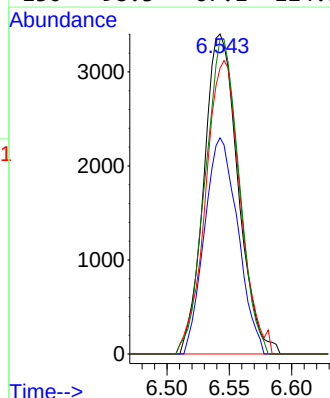
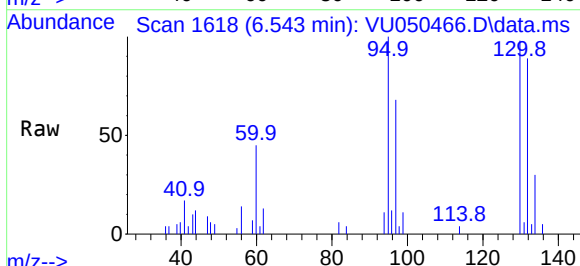
Ion Ratio Lower Upper

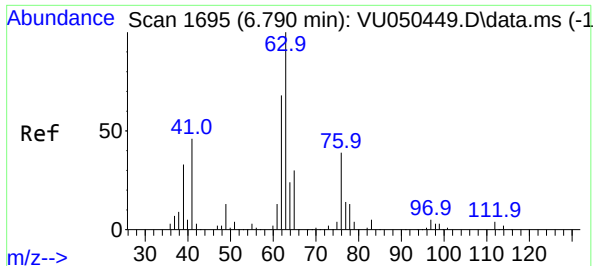
95 100

97 67.5 45.2 84.0

132 89.3 64.4 119.6

130 98.3 67.1 124.5

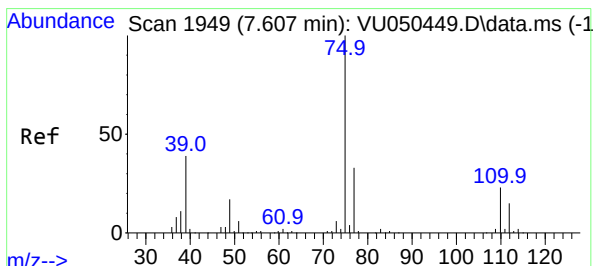
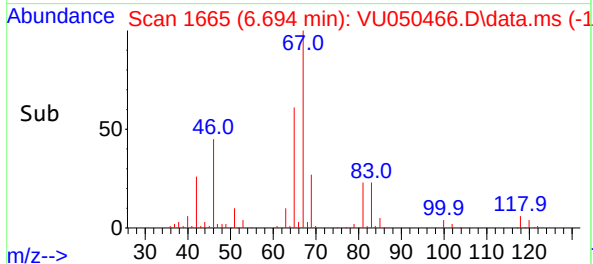
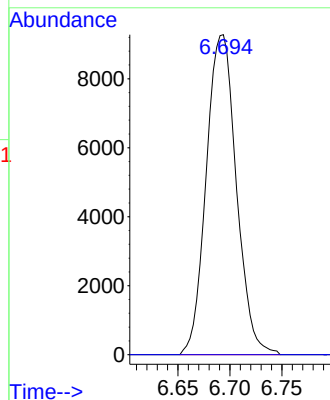
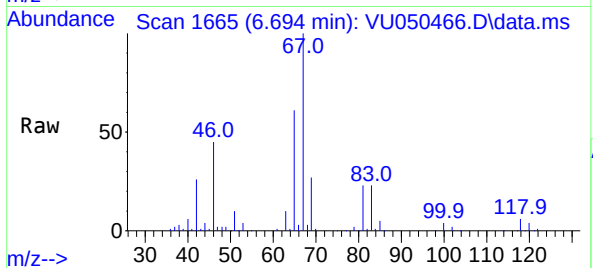




#37
1,2-Dichloropropane
Concen: 6.957 ug/L
RT: 6.694 min Scan# 1
Delta R.T. -0.096 min
Lab File: VU050466.D
Acq: 26 Aug 2022 18:48

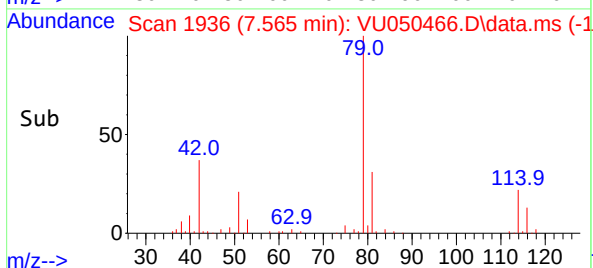
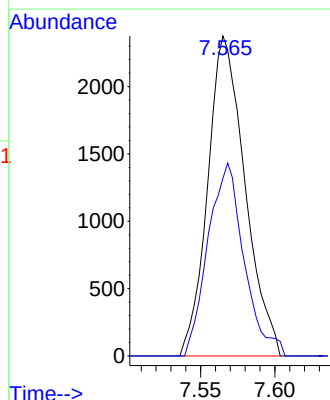
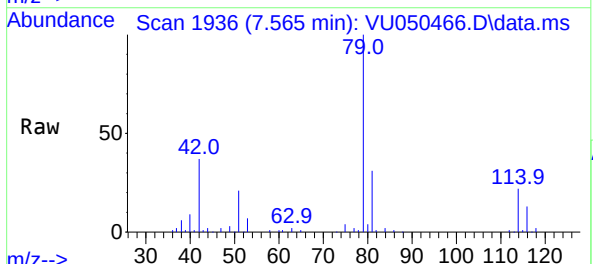
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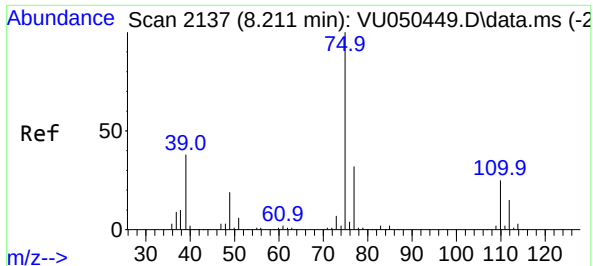
Tgt Ion: 63 Resp: 18735
Ion Ratio Lower Upper
63 100
112 0.4 3.0 4.4#



#39
cis-1,3-Dichloropropene
Concen: 1.173 ug/L
RT: 7.565 min Scan# 1936
Delta R.T. -0.042 min
Lab File: VU050466.D
Acq: 26 Aug 2022 18:48

Tgt Ion: 75 Resp: 4149
Ion Ratio Lower Upper
75 100
77 55.5 22.8 42.4#

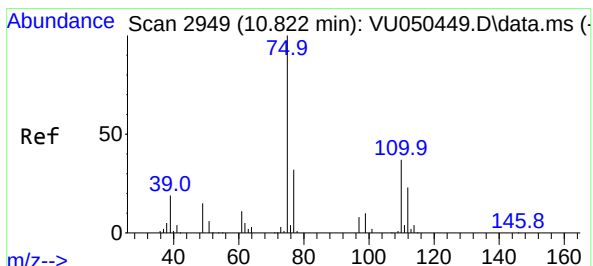
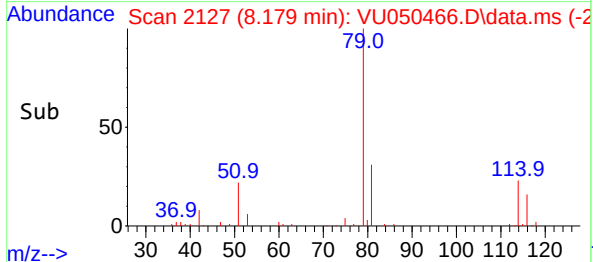
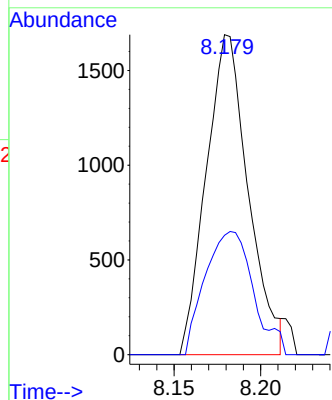
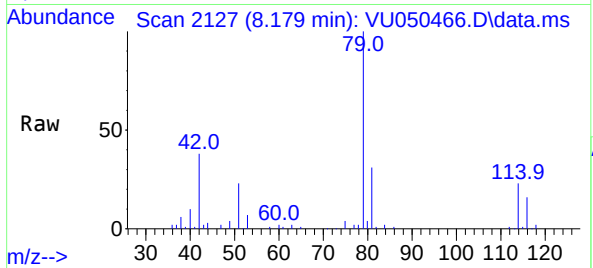




#44
trans-1,3-Dichloropropene
Concen: 0.863 ug/L
RT: 8.179 min Scan# 2137
Delta R.T. -0.032 min
Lab File: VU050466.D
Acq: 26 Aug 2022 18:48

Instrument :
MSVOA_U
ClientSampleId :
EY185

Tgt Ion: 75 Resp: 2844
Ion Ratio Lower Upper
75 100
77 37.3 22.5 41.7



#60
1,2,3-Trichloropropane
Concen: 4.624 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.990 min
Lab File: VU050466.D
Acq: 26 Aug 2022 18:48

Tgt Ion: 75 Resp: 12814
Ion Ratio Lower Upper
75 100
77 33.2 25.7 38.5
110 0.7 29.0 43.4#

