

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082622\
 Data File : VU050459.D
 Acq On : 26 Aug 2022 16:01
 Operator : SY/MD
 Sample : N4322-22
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EY177

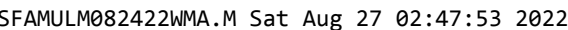
Quant Time: Aug 27 02:47:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM082422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 27 02:44:18 2022
 Response via : Initial Calibration

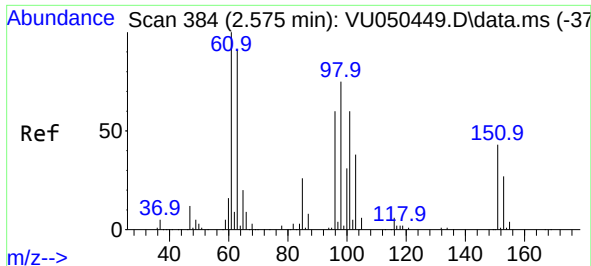
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	302105	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	302043	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	108722	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	163495	45.769	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.540%
7) Chloroethane-d5	1.899	69	130876	49.514	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.020%
11) 1,1-Dichloroethene-d2	2.559	63	184339	36.515	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.040%
21) 2-Butanone-d5	4.623	46	245743	105.102	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.100%
24) Chloroform-d	5.063	84	274618	47.891	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.780%
26) 1,2-Dichloroethane-d4	5.703	65	177087	49.690	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.380%
32) Benzene-d6	5.729	84	550991	49.370	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.740%
36) 1,2-Dichloropropane-d6	6.690	67	185714	50.231	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.460%
41) Toluene-d8	7.899	98	451923	46.277	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.560%
43) trans-1,3-Dichloroprop...	8.179	79	71415	46.306	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.620%
47) 2-Hexanone-d5	8.635	63	140365	102.303	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.300%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	272568	47.798	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.600%
66) 1,2-Dichlorobenzene-d4	12.195	152	140787	54.209	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.420%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.559	101	1610	0.768	ug/L #	21
12) 1,1-Dichloroethene	2.568	96	853	0.460	ug/L #	1
13) Acetone	2.629	43	4844	3.151	ug/L	96
19) 1,1-Dichloroethane	3.867	63	13203	3.128	ug/L	96
30) 1,1,1-Trichloroethane	5.314	97	385686	111.610	ug/L	100
31) Carbon tetrachloride	5.317	117	50857	17.934	ug/L	99
34) Trichloroethene	6.542	95	762934	352.448	ug/L	100
37) 1,2-Dichloropropane	6.542	63	2809	1.057	ug/L	99
39) cis-1,3-Dichloropropene	7.565	75	4370	1.253	ug/L #	72
44) trans-1,3-Dichloropropene	8.182	75	2845	0.875	ug/L #	75
60) 1,2,3-Trichloropropane	11.812	75	12788	4.564	ug/L #	68

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

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Quant Title : VOC Analysis
QLast Update : Sat Aug 27 02:44:18 2022
Response via : Initial Calibration

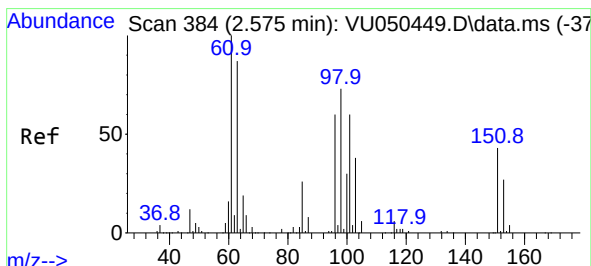
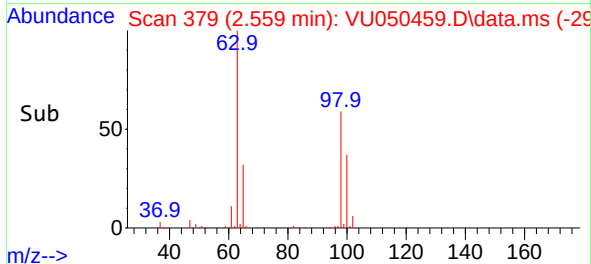
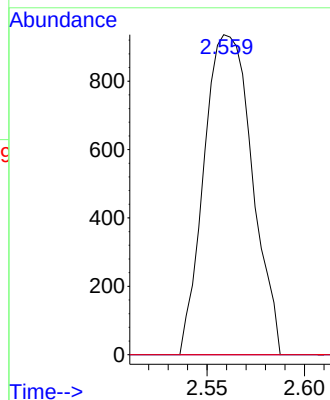
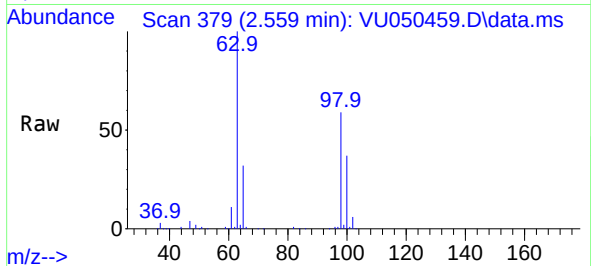




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.768 ug/L
RT: 2.559 min Scan# 31
Delta R.T. -0.016 min
Lab File: VU050459.D
Acq: 26 Aug 2022 16:01

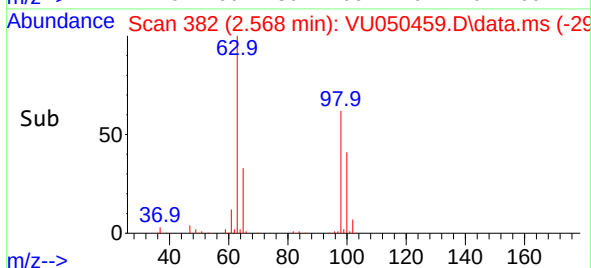
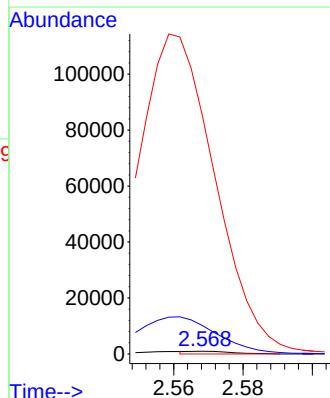
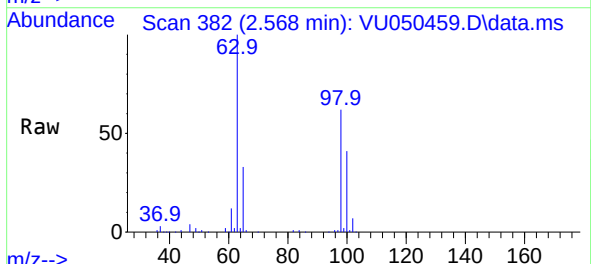
Instrument :
MSVOA_U
ClientSampleId :
EY177

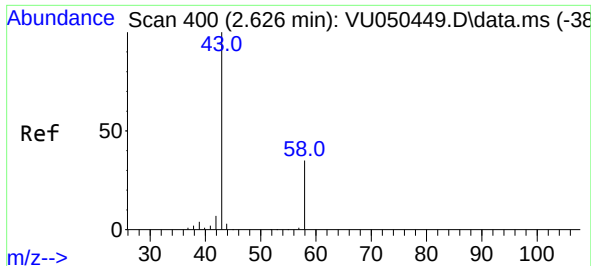
Tgt Ion:101 Resp: 1610
Ion Ratio Lower Upper
101 100
85 0.0 35.3 52.9#
151 0.0 57.3 85.9#



#12
1,1-Dichloroethene
Concen: 0.460 ug/L
RT: 2.568 min Scan# 382
Delta R.T. -0.007 min
Lab File: VU050459.D
Acq: 26 Aug 2022 16:01

Tgt Ion: 96 Resp: 853
Ion Ratio Lower Upper
96 100
61 1023.3 116.8 216.8#
63 8567.1 97.4 180.8#





#13

Acetone

Concen: 3.151 ug/L

RT: 2.629 min Scan# 401

Delta R.T. 0.003 min

Lab File: VU050459.D

Acq: 26 Aug 2022 16:01

Instrument :

MSVOA_U

ClientSampleId :

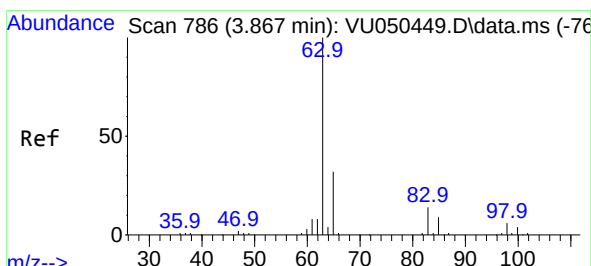
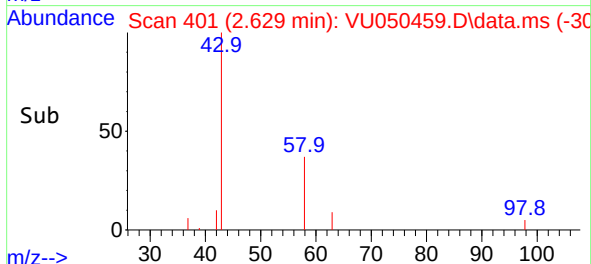
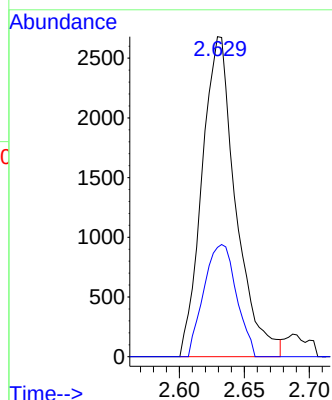
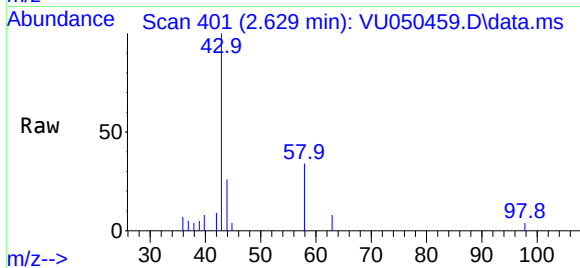
EY177

Tgt Ion: 43 Resp: 4844

Ion Ratio Lower Upper

43 100

58 33.6 0.0 72.2



#19

1,1-Dichloroethane

Concen: 3.128 ug/L

RT: 3.867 min Scan# 786

Delta R.T. -0.000 min

Lab File: VU050459.D

Acq: 26 Aug 2022 16:01

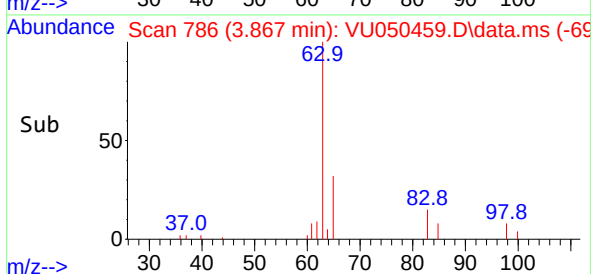
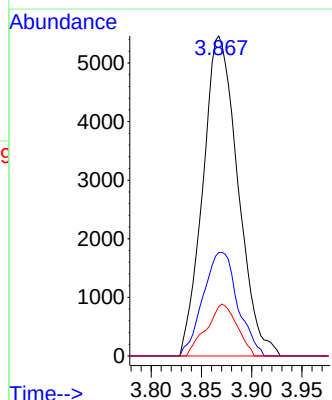
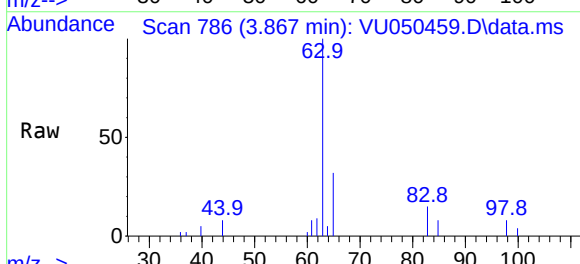
Tgt Ion: 63 Resp: 13203

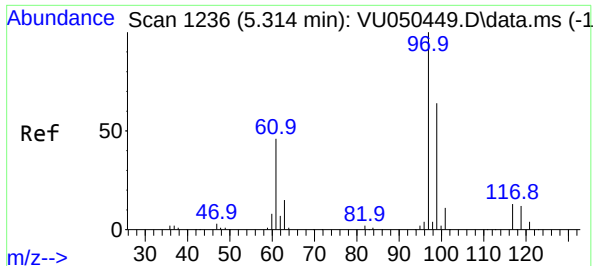
Ion Ratio Lower Upper

63 100

65 30.9 23.3 43.3

83 14.8 9.0 16.8

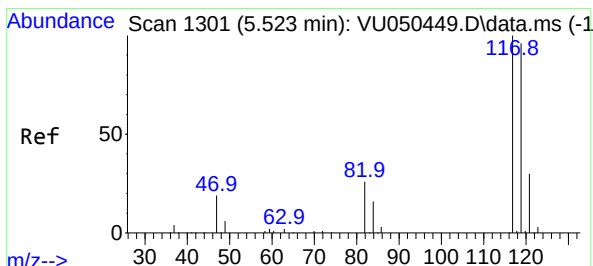
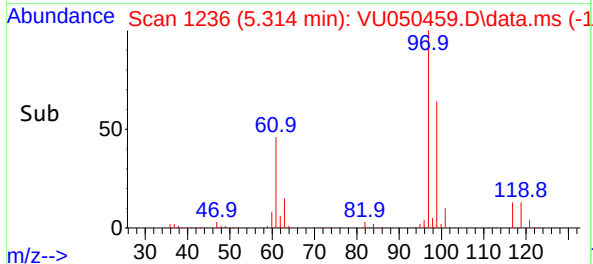
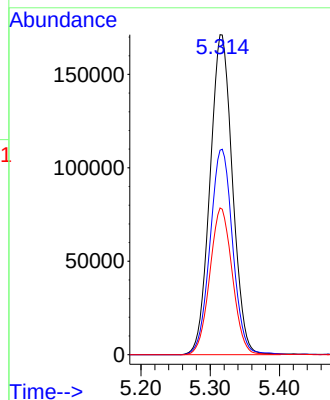
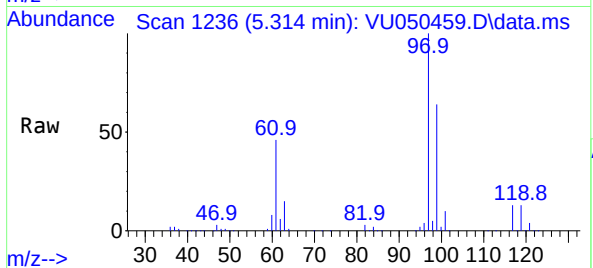




#30
1,1,1-Trichloroethane
Concen: 111.610 ug/L
RT: 5.314 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU050459.D
Acq: 26 Aug 2022 16:01

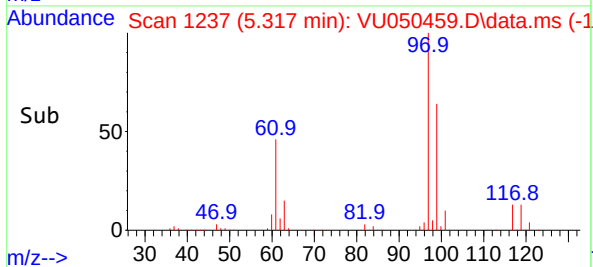
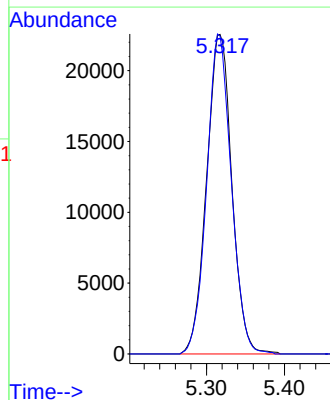
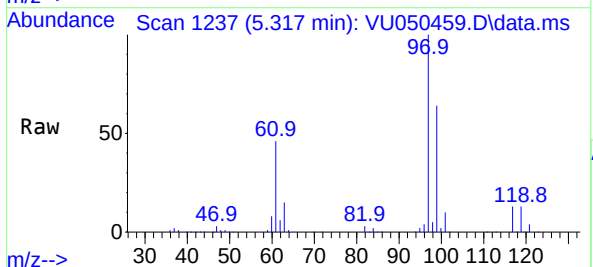
Instrument :
MSVOA_U
ClientSampleId :
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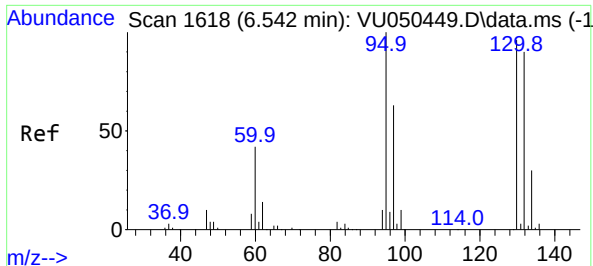
Tgt Ion: 97 Resp: 385686
Ion Ratio Lower Upper
97 100
99 64.6 51.2 76.8
61 45.8 36.6 55.0



#31
Carbon tetrachloride
Concen: 17.934 ug/L
RT: 5.317 min Scan# 1237
Delta R.T. -0.206 min
Lab File: VU050459.D
Acq: 26 Aug 2022 16:01

Tgt Ion: 117 Resp: 50857
Ion Ratio Lower Upper
117 100
119 97.3 76.9 115.3

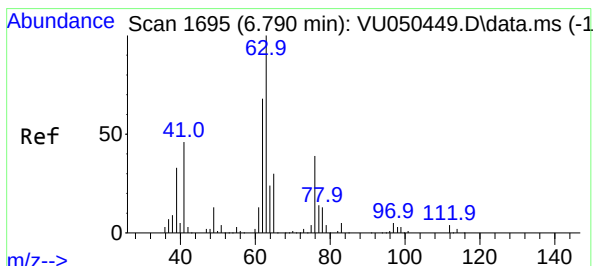
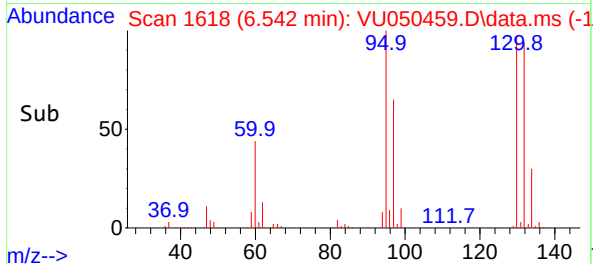
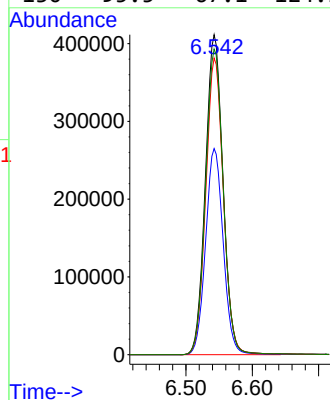
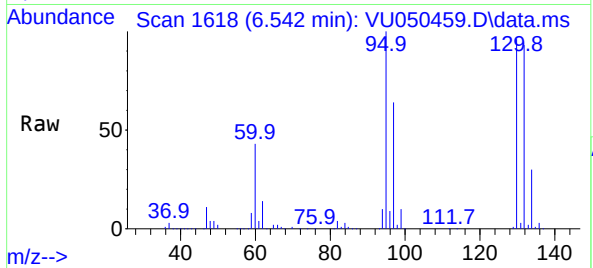




#34
Trichloroethene
Concen: 352.448 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VU050459.D
Acq: 26 Aug 2022 16:01

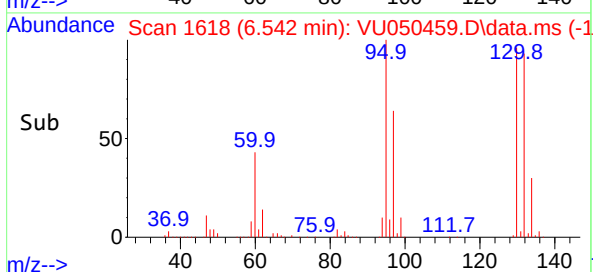
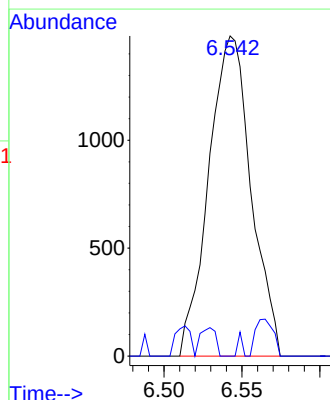
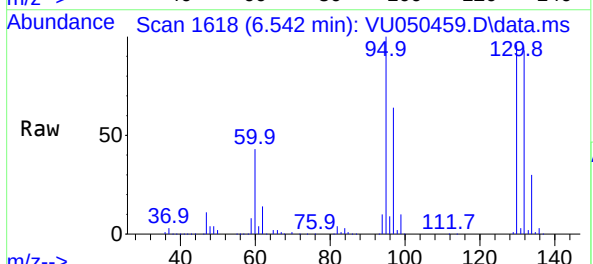
Instrument :
MSVOA_U
ClientSampleId :
EY177

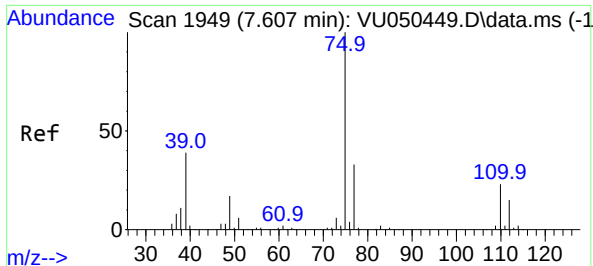
Tgt Ion: 95 Resp: 762934
Ion Ratio Lower Upper
95 100
97 64.4 45.2 84.0
132 92.7 64.4 119.6
130 95.5 67.1 124.5



#37
1,2-Dichloropropane
Concen: 1.057 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. -0.248 min
Lab File: VU050459.D
Acq: 26 Aug 2022 16:01

Tgt Ion: 63 Resp: 2809
Ion Ratio Lower Upper
63 100
112 3.2 3.0 4.4

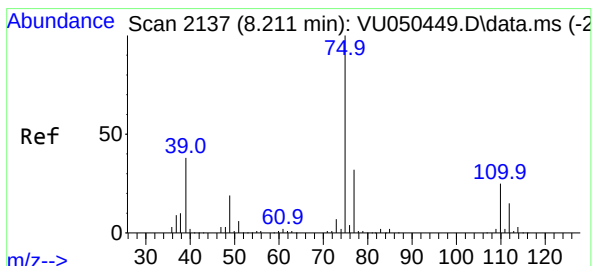
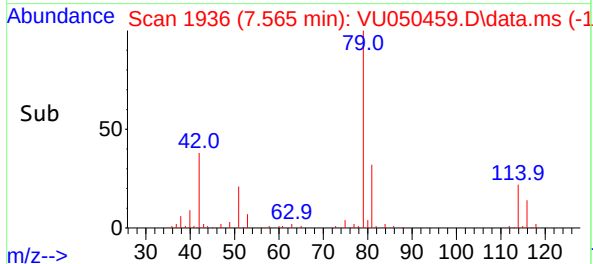
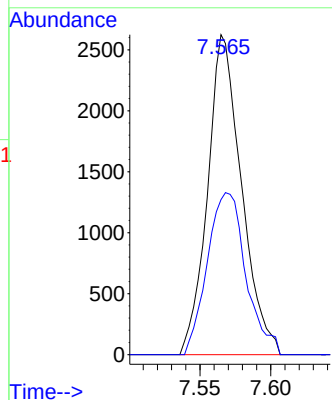
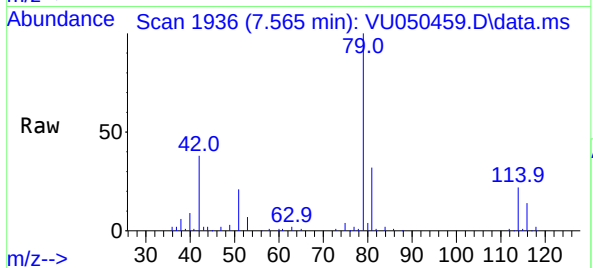




#39
cis-1,3-Dichloropropene
Concen: 1.253 ug/L
RT: 7.565 min Scan# 1949
Delta R.T. -0.042 min
Lab File: VU050459.D
Acq: 26 Aug 2022 16:01

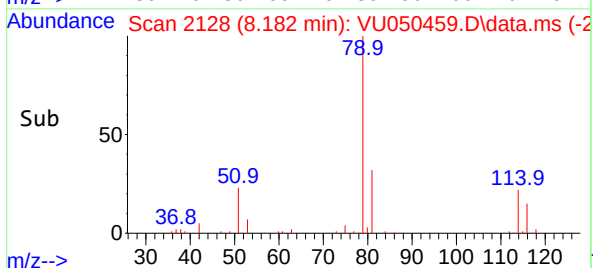
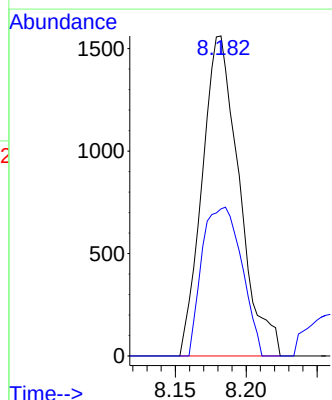
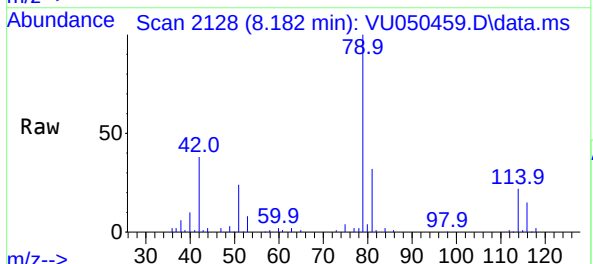
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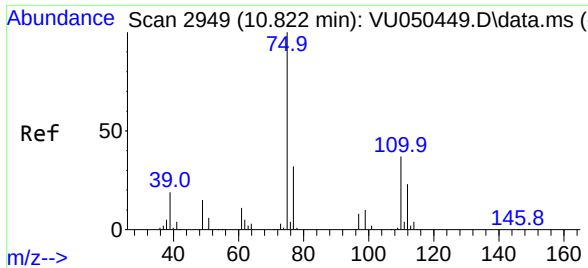
Tgt Ion: 75 Resp: 4370
Ion Ratio Lower Upper
75 100
77 48.4 22.8 42.4#



#44
trans-1,3-Dichloropropene
Concen: 0.875 ug/L
RT: 8.182 min Scan# 2128
Delta R.T. -0.029 min
Lab File: VU050459.D
Acq: 26 Aug 2022 16:01

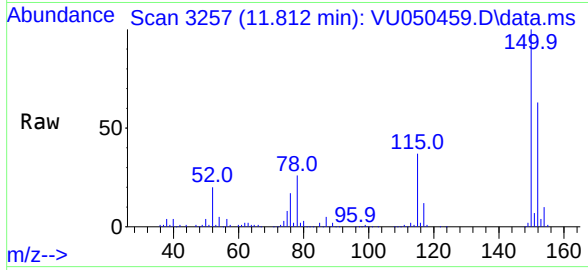
Tgt Ion: 75 Resp: 2845
Ion Ratio Lower Upper
75 100
77 46.0 22.5 41.7#





#60
1,2,3-Trichloropropane
Concen: 4.564 ug/L
RT: 11.812 min Scan# 31
Delta R.T. 0.990 min
Lab File: VU050459.D
Acq: 26 Aug 2022 16:01

Instrument :
MSVOA_U
ClientSampleId :
EY177



Tgt Ion: 75 Resp: 12788
Ion Ratio Lower Upper
75 100
77 33.5 25.7 38.5
110 2.2 29.0 43.4#

