

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100622\
 Data File : VU051196.D
 Acq On : 07 Oct 2022 01:14
 Operator : JC/MD
 Sample : N4890-08
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EY0E3

Quant Time: Oct 07 06:30:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 07 02:51:40 2022
 Response via : Initial Calibration

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

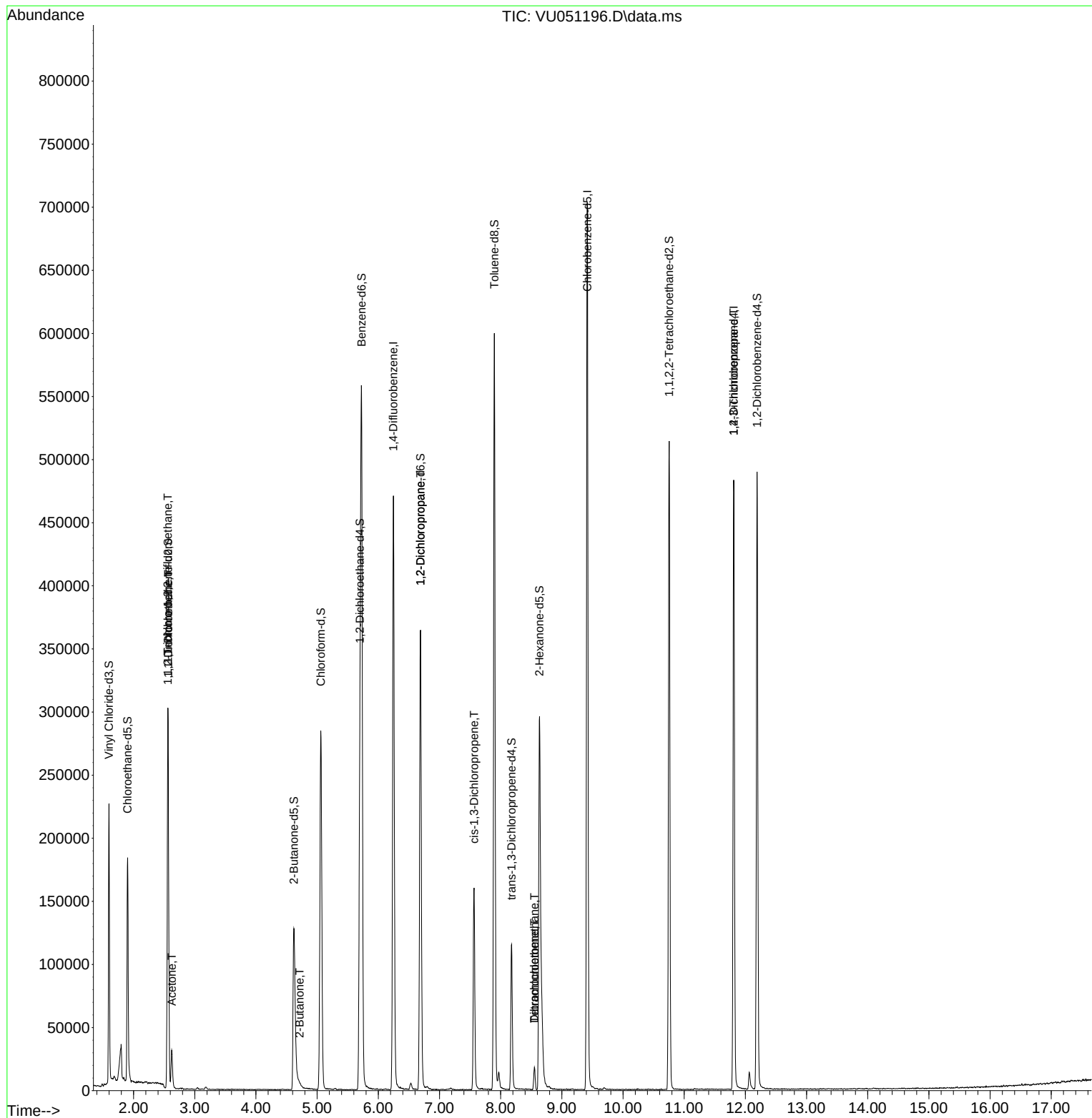
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	369331	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	393968	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	127803	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	151042	40.353	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	80.700%		
7) Chloroethane-d5	1.903	69	133533	38.405	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	76.820%		
11) 1,1-Dichloroethene-d2	2.562	63	177726	32.145	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	64.280%		
21) 2-Butanone-d5	4.620	46	185839	76.551	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	76.550%		
24) Chloroform-d	5.060	84	267930	44.430	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.860%		
26) 1,2-Dichloroethane-d4	5.700	65	172615	46.245	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.500%		
32) Benzene-d6	5.726	84	525367	45.538	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.080%		
36) 1,2-Dichloropropane-d6	6.690	67	180208	48.137	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	96.280%		
41) Toluene-d8	7.896	98	406202	38.108	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	76.220%#		
43) trans-1,3-Dichloroprop...	8.179	79	63836	35.751	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	71.500%		
47) 2-Hexanone-d5	8.632	63	78275	51.783	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	51.780%		
56) 1,1,2,2-Tetrachloroeth...	10.755	84	263108	40.214	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	80.420%		
66) 1,2-Dichlorobenzene-d4	12.192	152	131473	48.155	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	96.300%		
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.559	101	1872	0.664	ug/L #	20
12) 1,1-Dichloroethene	2.565	96	1419	0.539	ug/L #	1
13) Acetone	2.623	43	32583	16.808	ug/L	97
22) 2-Butanone	4.713	43	5031	1.878	ug/L	79
37) 1,2-Dichloropropane	6.690	63	18551	5.736	ug/L #	89
39) cis-1,3-Dichloropropene	7.565	75	3905	0.853	ug/L #	61
46) Tetrachloroethene	8.552	164	4080	1.731	ug/L	94
49) Dibromochloromethane	8.552	129	3604	0.978	ug/L #	12
60) 1,2,3-Trichloropropane	11.809	75	16202	4.817	ug/L #	67

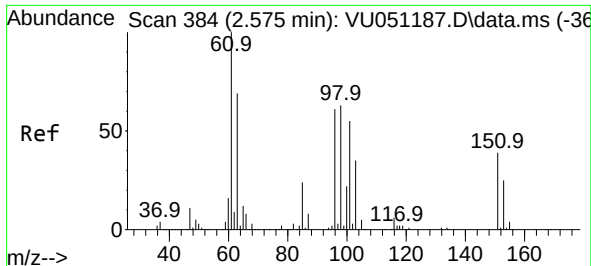
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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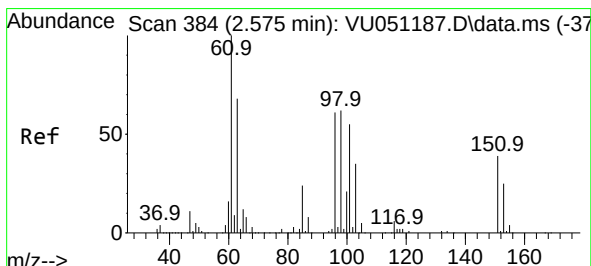
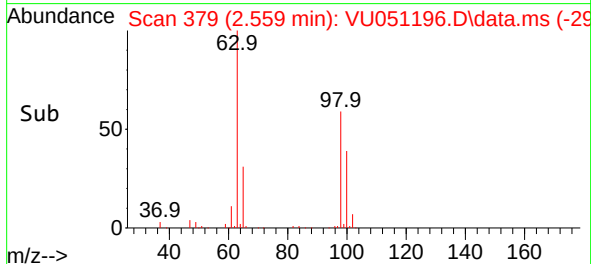
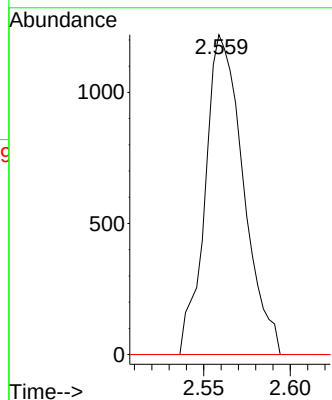
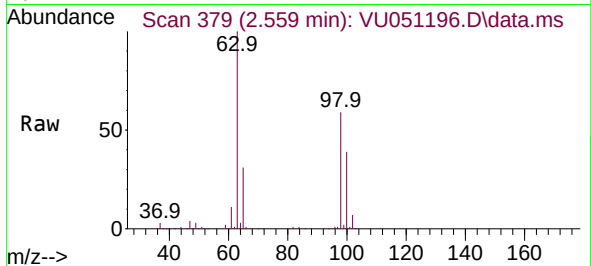




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.664 ug/L
RT: 2.559 min Scan# 31
Delta R.T. -0.016 min
Lab File: VU051196.D
Acq: 07 Oct 2022 01:14

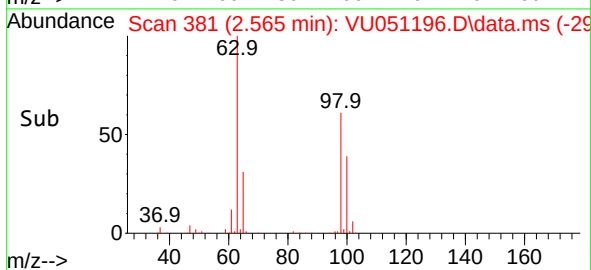
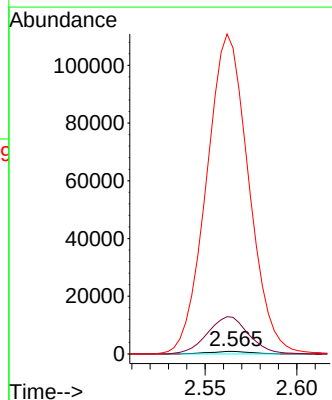
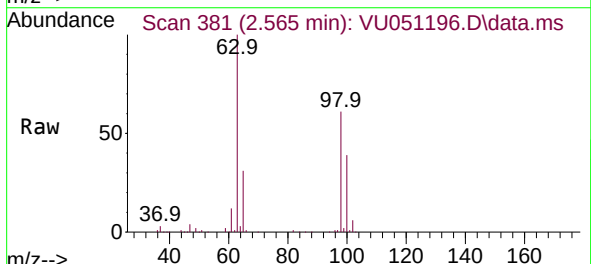
Instrument :
MSVOA_U
ClientSampleId :
EY0E3

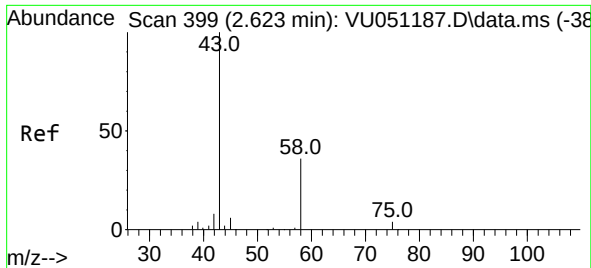
Tgt Ion:101 Resp: 1872
Ion Ratio Lower Upper
101 100
85 0.0 34.6 52.0#
151 0.0 58.6 87.8#



#12
1,1-Dichloroethene
Concen: 0.539 ug/L
RT: 2.565 min Scan# 381
Delta R.T. -0.010 min
Lab File: VU051196.D
Acq: 07 Oct 2022 01:14

Tgt Ion: 96 Resp: 1419
Ion Ratio Lower Upper
96 100
61 1401.4 113.0 209.9#
63 11705.1 91.7 170.3#





#13

Acetone

Concen: 16.808 ug/L

RT: 2.623 min Scan# 399

Delta R.T. 0.000 min

Lab File: VU051196.D

Acq: 07 Oct 2022 01:14

Instrument :

MSVOA_U

ClientSampleId :

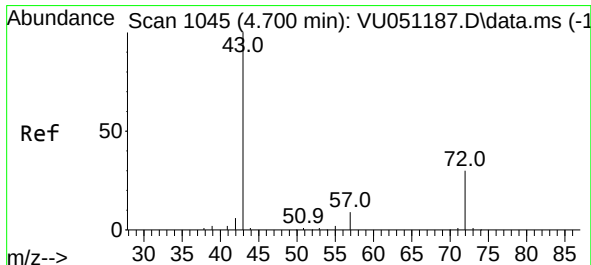
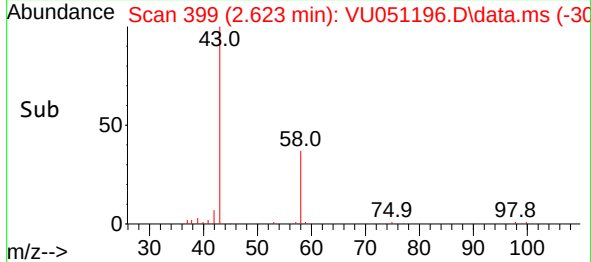
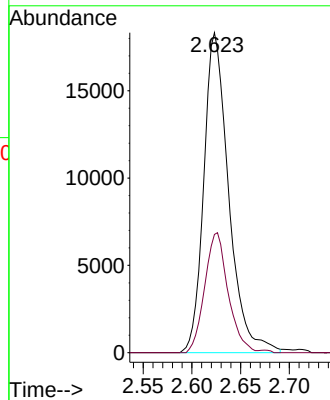
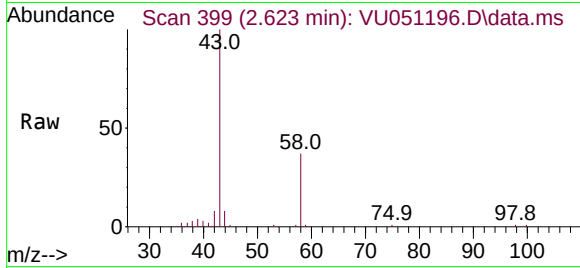
EY0E3

Tgt Ion: 43 Resp: 32583

Ion Ratio Lower Upper

43 100

58 35.3 0.0 73.6



#22

2-Butanone

Concen: 1.878 ug/L

RT: 4.713 min Scan# 1049

Delta R.T. 0.013 min

Lab File: VU051196.D

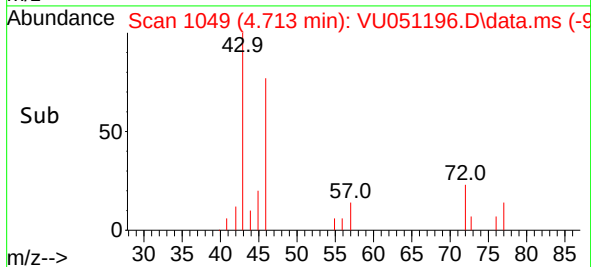
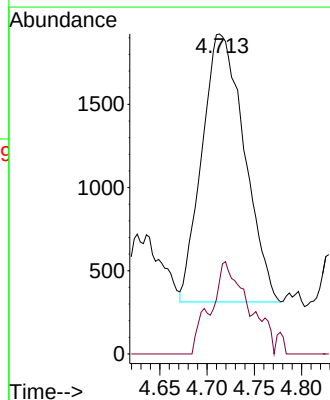
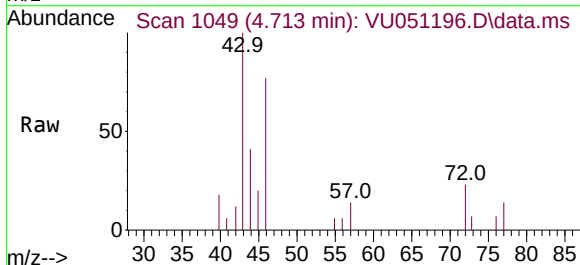
Acq: 07 Oct 2022 01:14

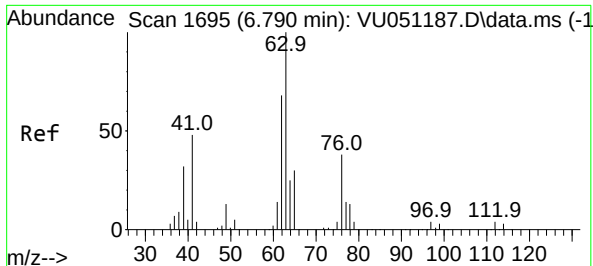
Tgt Ion: 43 Resp: 5031

Ion Ratio Lower Upper

43 100

72 20.1 15.8 47.4





#37

1,2-Dichloropropane

Concen: 5.736 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU051196.D

Acq: 07 Oct 2022 01:14

Instrument :

MSVOA_U

ClientSampleId :

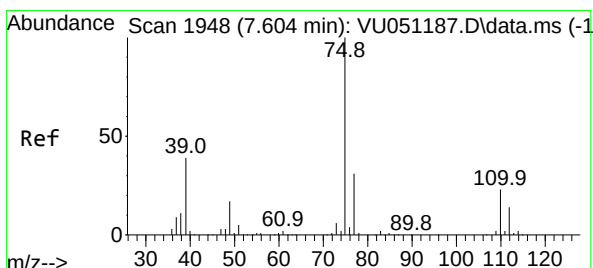
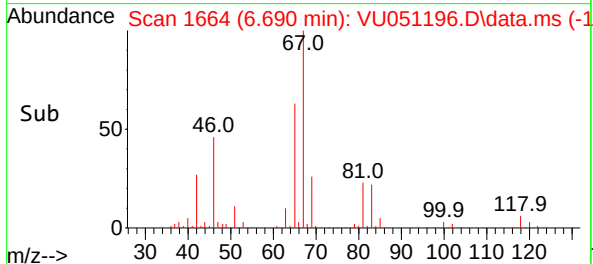
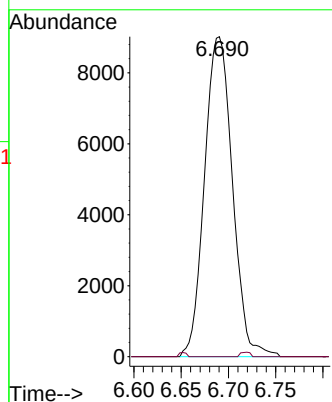
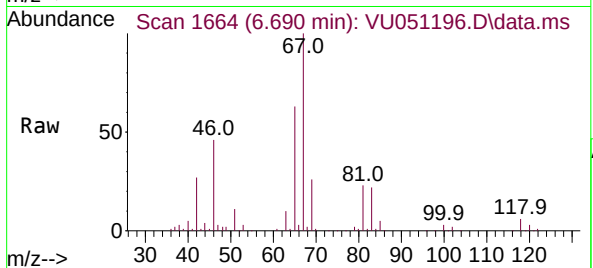
EY0E3

Tgt Ion: 63 Resp: 18551

Ion Ratio Lower Upper

63 100

112 0.5 3.3 4.9#



#39

cis-1,3-Dichloropropene

Concen: 0.853 ug/L

RT: 7.565 min Scan# 1936

Delta R.T. -0.039 min

Lab File: VU051196.D

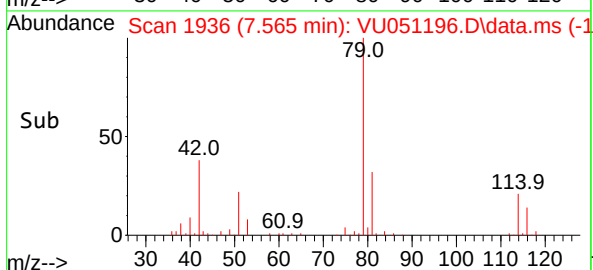
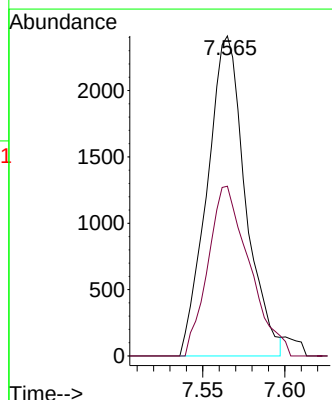
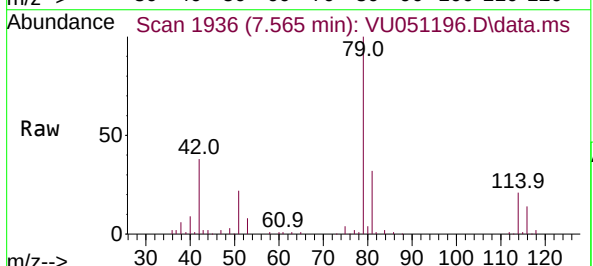
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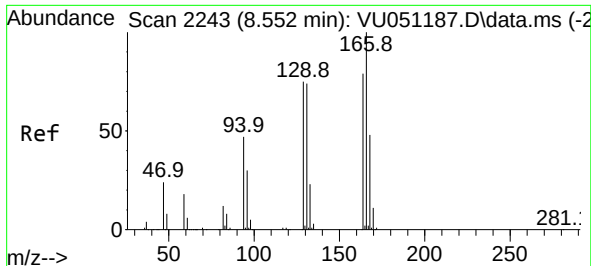
Tgt Ion: 75 Resp: 3905

Ion Ratio Lower Upper

75 100

77 53.0 22.0 41.0#

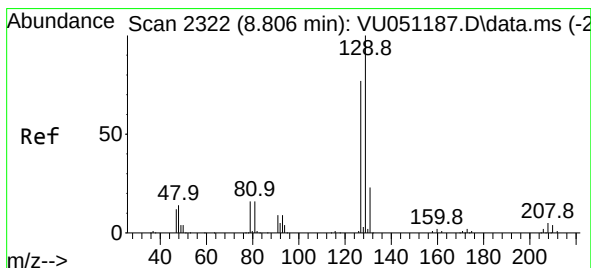
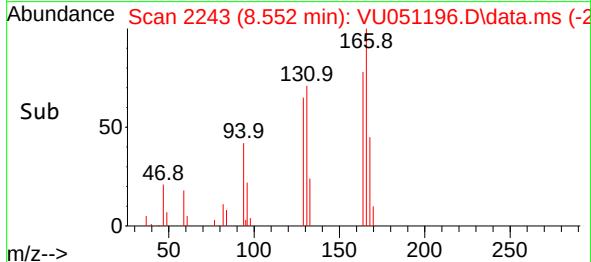
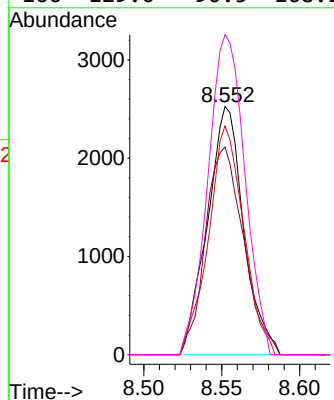
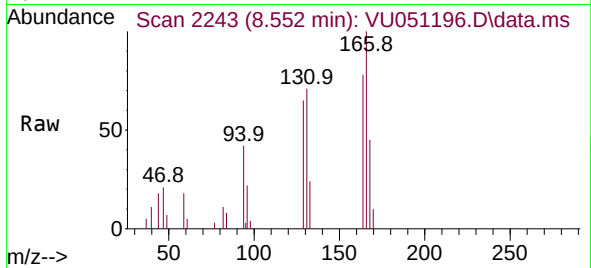




#46
Tetrachloroethene
Concen: 1.731 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. 0.000 min
Lab File: VU051196.D
Acq: 07 Oct 2022 01:14

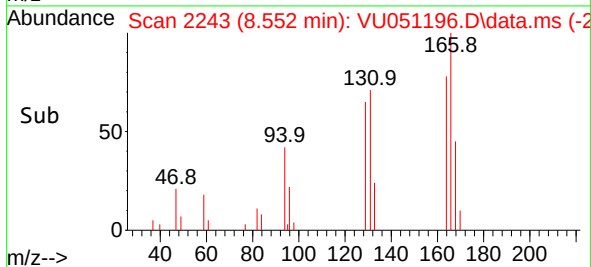
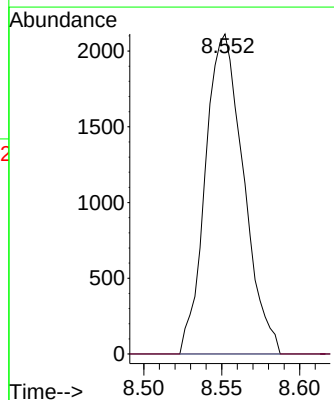
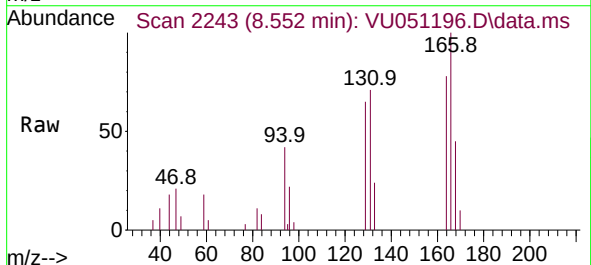
Instrument :
MSVOA_U
ClientSampleId :
EY0E3

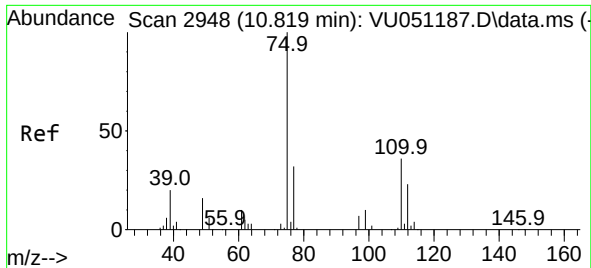
Tgt Ion:164 Resp: 4080
Ion Ratio Lower Upper
164 100
129 83.7 68.1 126.5
131 92.2 67.8 126.0
166 129.0 90.5 168.1



#49
Dibromochloromethane
Concen: 0.978 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.254 min
Lab File: VU051196.D
Acq: 07 Oct 2022 01:14

Tgt Ion:129 Resp: 3604
Ion Ratio Lower Upper
129 100
127 0.0 52.8 98.0#





#60
 1,2,3-Trichloropropane
 Concen: 4.817 ug/L
 RT: 11.809 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU051196.D
 Acq: 07 Oct 2022 01:14

Instrument :
 MSVOA_U
 ClientSampleId :
 EY0E3

Tgt Ion: 75 Resp: 16202
 Ion Ratio Lower Upper
 75 100
 77 31.1 26.1 39.1
 110 1.6 30.0 45.0#

