

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051622\
 Data File : VU048593.D
 Acq On : 16 May 2022 20:21
 Operator : SY/MD
 Sample : N2849-05
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXXX0

Quant Time: May 17 07:02:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM051622WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue May 17 06:52:50 2022
 Response via : Initial Calibration

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

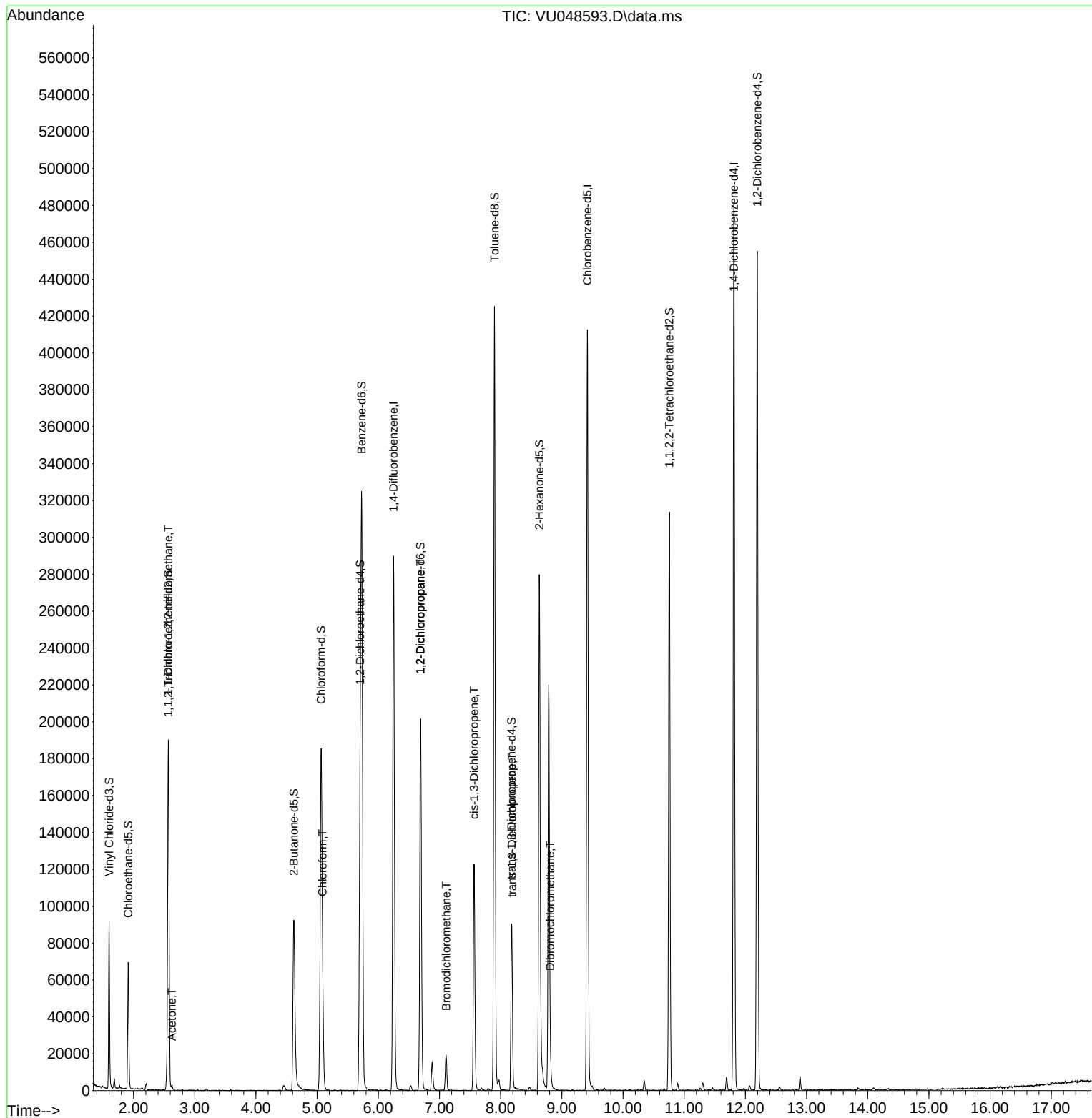
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	232732	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	235619	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	129028	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	59376	41.654	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.300%
7) Chloroethane-d5	1.912	69	48323	45.249	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.500%
11) 1,1-Dichloroethene-d2	2.568	63	109959	34.109	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.220%
21) 2-Butanone-d5	4.620	46	127068	93.673	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.670%
24) Chloroform-d	5.067	84	168725	46.840	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.680%
26) 1,2-Dichloroethane-d4	5.703	65	123063	48.426	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.860%
32) Benzene-d6	5.729	84	295817	45.112	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.220%
36) 1,2-Dichloropropane-d6	6.690	67	87467	45.436	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.880%
41) Toluene-d8	7.899	98	276325	44.800	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.600%
43) trans-1,3-Dichloroprop...	8.179	79	52099	42.323	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.640%
47) 2-Hexanone-d5	8.632	63	93267	88.343	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.340%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	142411	44.707	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.420%
66) 1,2-Dichlorobenzene-d4	12.195	152	125464	47.566	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.140%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	823	0.504	ug/L #	17
13) Acetone	2.626	43	2851	2.587	ug/L	98
25) Chloroform	5.089	83	33553	9.614	ug/L	99
37) 1,2-Dichloropropane	6.690	63	11416	6.632	ug/L #	86
38) Bromodichloromethane	7.108	83	12662	4.547	ug/L	93
39) cis-1,3-Dichloropropene	7.565	75	3516	1.196	ug/L	87
44) trans-1,3-Dichloropropene	8.185	75	2220	0.716	ug/L #	77
49) Dibromochloromethane	8.809	129	5723	2.415	ug/L	89

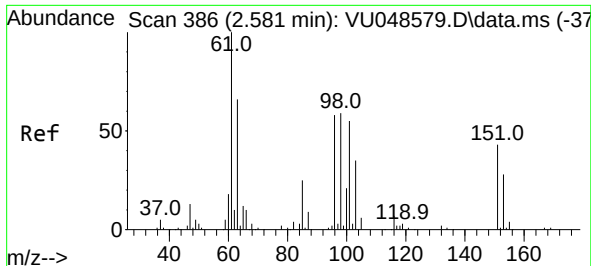
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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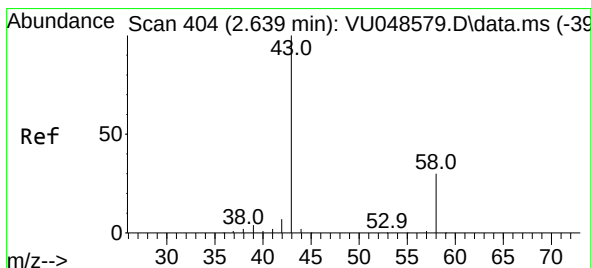
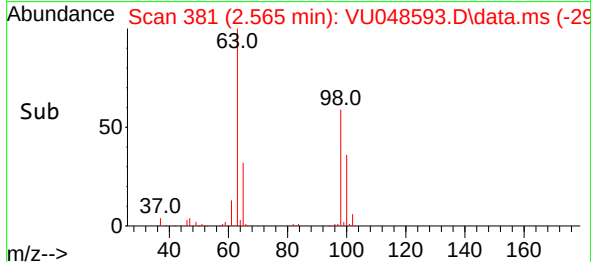
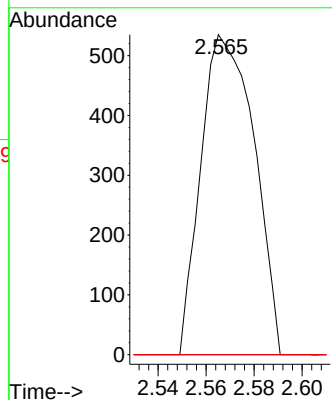
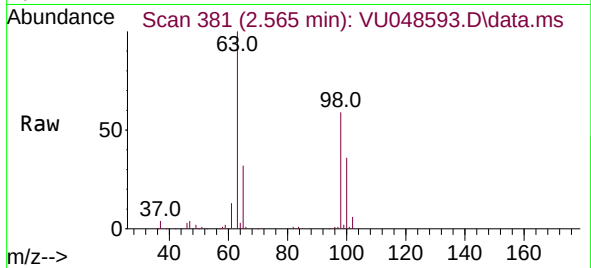




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.504 ug/L
RT: 2.565 min Scan# 31
Delta R.T. -0.016 min
Lab File: VU048593.D
Acq: 16 May 2022 20:21

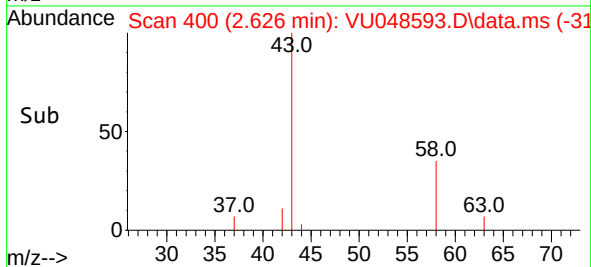
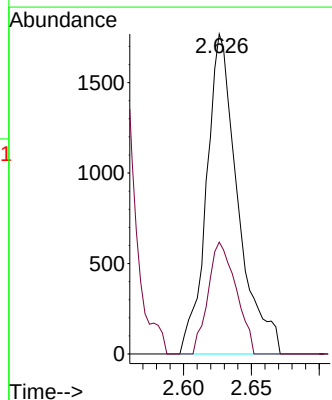
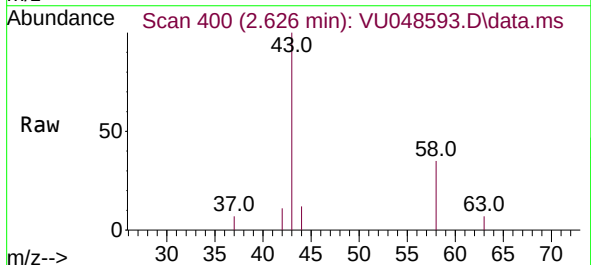
Instrument :
MSVOA_U
ClientSampleId :
EXXX0

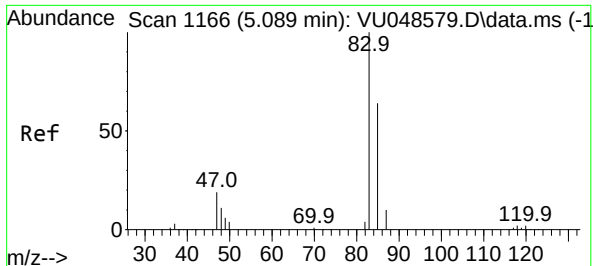
Tgt Ion:101 Resp: 823
Ion Ratio Lower Upper
101 100
85 0.0 35.7 53.5#
151 0.0 64.4 96.6#



#13
Acetone
Concen: 2.587 ug/L
RT: 2.626 min Scan# 400
Delta R.T. -0.013 min
Lab File: VU048593.D
Acq: 16 May 2022 20:21

Tgt Ion: 43 Resp: 2851
Ion Ratio Lower Upper
43 100
58 31.0 0.0 59.8

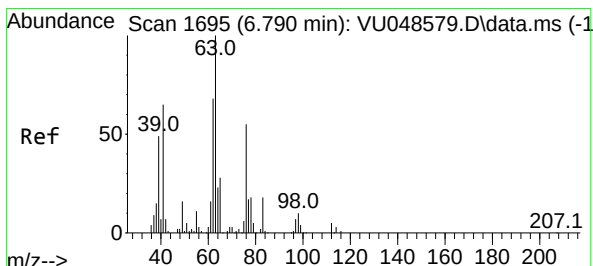
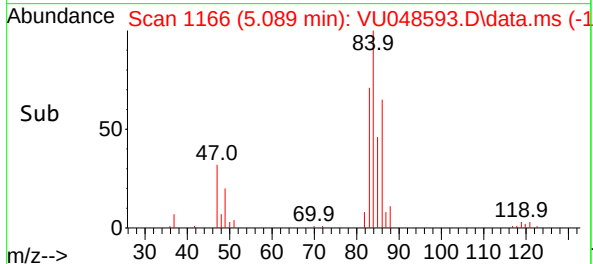
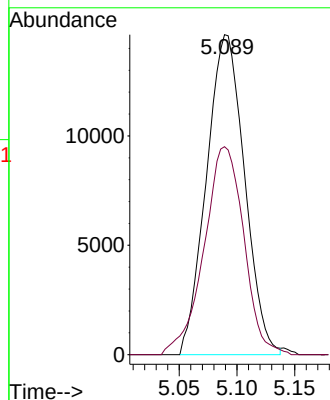
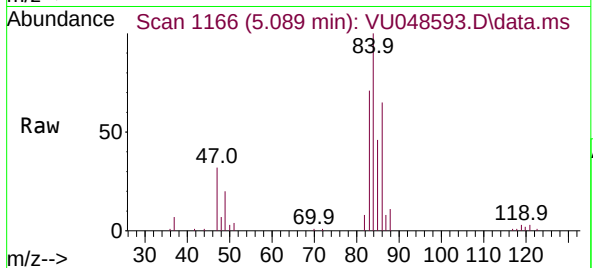




#25
Chloroform
Concen: 9.614 ug/L
RT: 5.089 min Scan# 1166
Delta R.T. 0.000 min
Lab File: VU048593.D
Acq: 16 May 2022 20:21

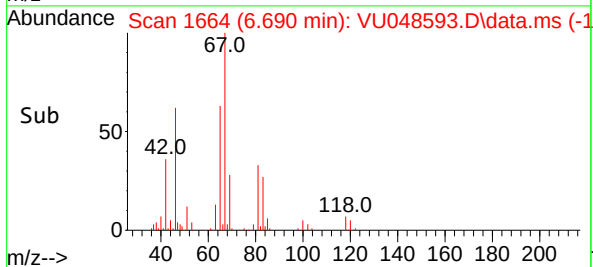
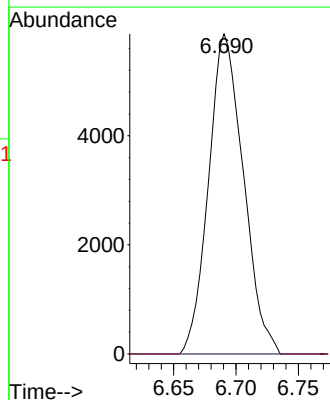
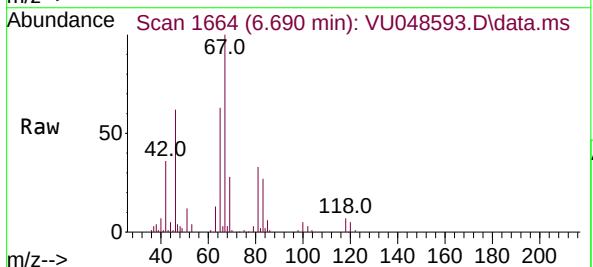
Instrument :
MSVOA_U
ClientSampleId :
EXXX0

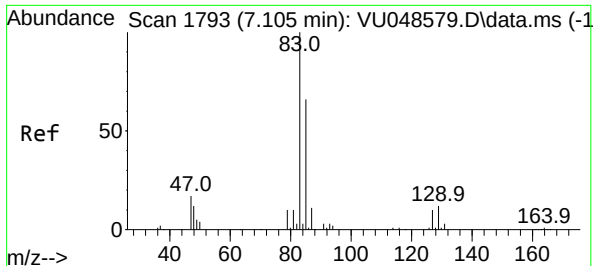
Tgt Ion: 83 Resp: 33553
Ion Ratio Lower Upper
83 100
85 65.0 45.1 83.7



#37
1,2-Dichloropropane
Concen: 6.632 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.100 min
Lab File: VU048593.D
Acq: 16 May 2022 20:21

Tgt Ion: 63 Resp: 11416
Ion Ratio Lower Upper
63 100
112 0.0 3.7 5.5#

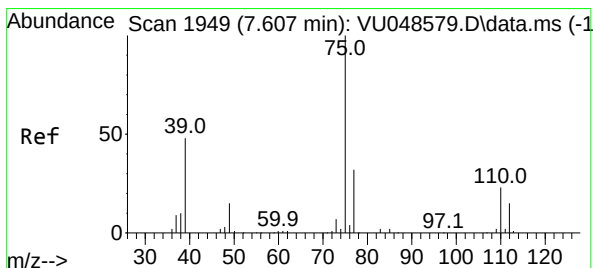
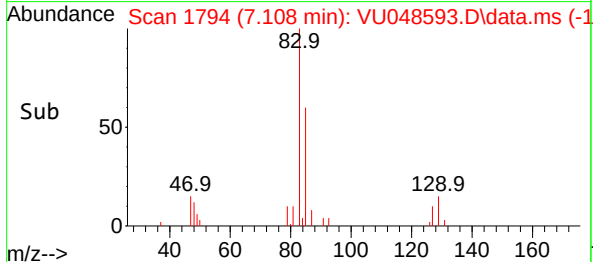
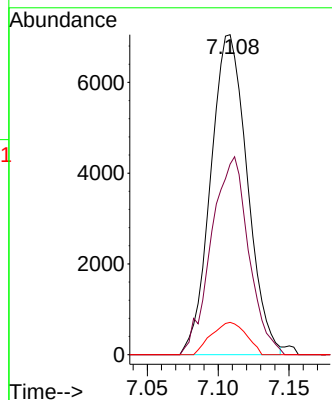
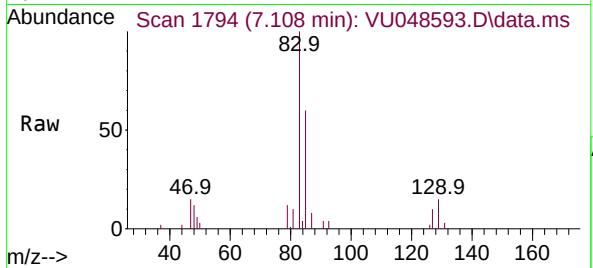




#38
Bromodichloromethane
Concen: 4.547 ug/L
RT: 7.108 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU048593.D
Acq: 16 May 2022 20:21

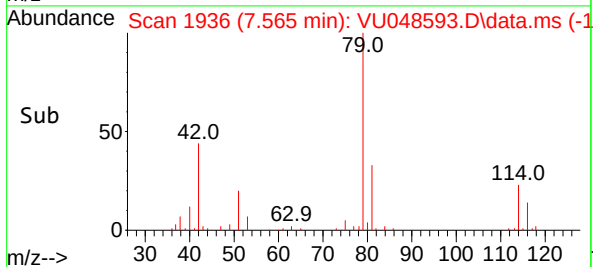
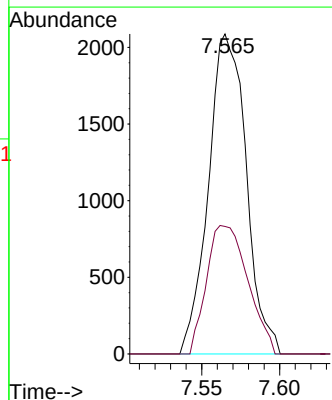
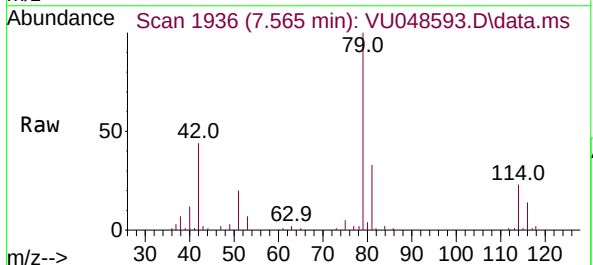
Instrument :
MSVOA_U
ClientSampleId :
EXXX0

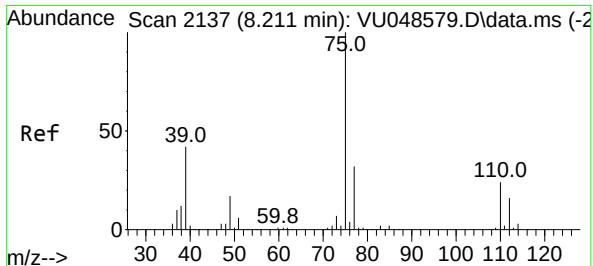
Tgt Ion: 83 Resp: 12662
Ion Ratio Lower Upper
83 100
85 59.5 46.1 85.5
127 10.1 7.8 11.6



#39
cis-1,3-Dichloropropene
Concen: 1.196 ug/L
RT: 7.565 min Scan# 1936
Delta R.T. -0.042 min
Lab File: VU048593.D
Acq: 16 May 2022 20:21

Tgt Ion: 75 Resp: 3516
Ion Ratio Lower Upper
75 100
77 39.8 22.9 42.5

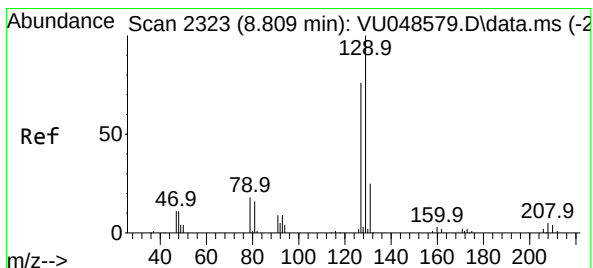
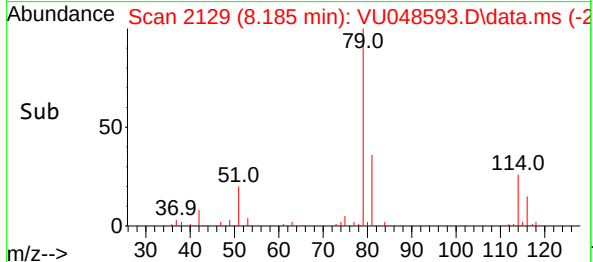
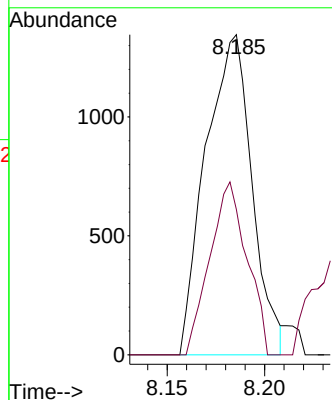
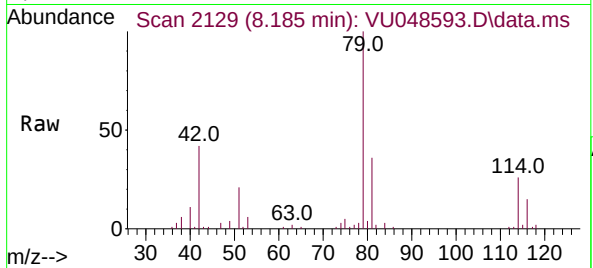




#44
trans-1,3-Dichloropropene
Concen: 0.716 ug/L
RT: 8.185 min Scan# 2137
Delta R.T. -0.026 min
Lab File: VU048593.D
Acq: 16 May 2022 20:21

Instrument :
MSVOA_U
ClientSampleId :
EXXX0

Tgt Ion: 75 Resp: 2220
Ion Ratio Lower Upper
75 100
77 45.4 22.7 42.1#



#49
Dibromochloromethane
Concen: 2.415 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. -0.000 min
Lab File: VU048593.D
Acq: 16 May 2022 20:21

Tgt Ion: 129 Resp: 5723
Ion Ratio Lower Upper
129 100
127 66.6 53.1 98.5

