

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121222\
 Data File : VU052361.D
 Acq On : 12 Dec 2022 18:31
 Operator : JC/MD
 Sample : N5961-04
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 13 01:06:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 13 01:01:45 2022
 Response via : Initial Calibration

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

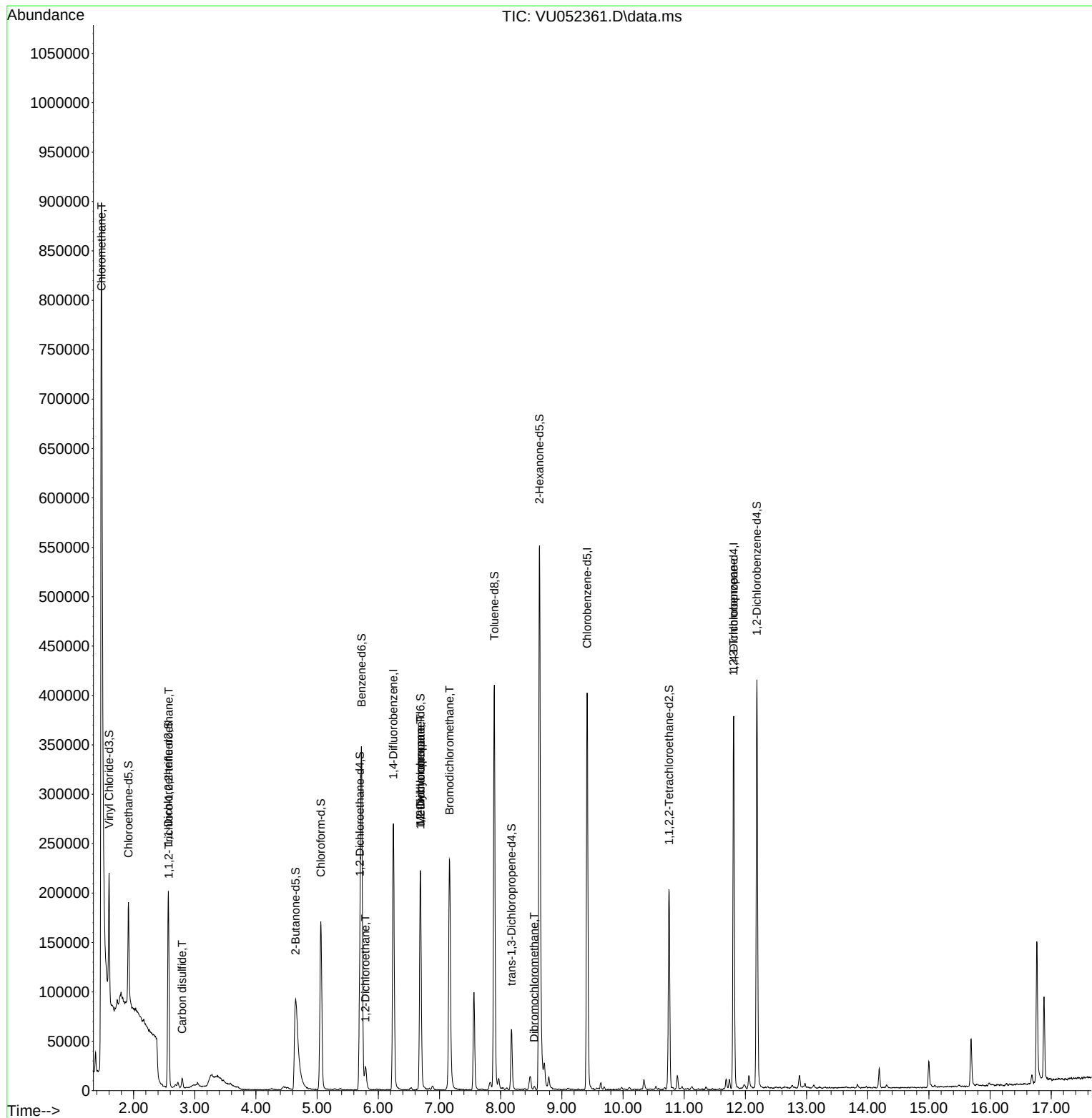
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	228477	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	238052	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	106209	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	91764	4.129	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.600%
7) Chloroethane-d5	1.916	69	77808	4.508	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.200%
11) 1,1-Dichloroethene-d2	2.568	65	37733	4.737	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.800%
20) 2-Butanone-d5	4.649	46	242677	60.242	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	120.480%
24) Chloroform-d	5.060	84	164863	5.049	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.000%
26) 1,2-Dichloroethane-d4	5.700	65	89442	5.423	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.400%
32) Benzene-d6	5.726	84	340227	4.814	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.200%
36) 1,2-Dichloropropane-d6	6.687	67	113114	5.172	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.400%
41) Toluene-d8	7.896	98	282826	4.423	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.400%
43) trans-1,3-Dichloroprop...	8.179	79	36364	4.562	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.200%
46) 2-Hexanone-d5	8.632	63	211345	62.571	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	125.140%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	106257	5.603	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	112.000%
66) 1,2-Dichlorobenzene-d4	12.189	152	112187	5.517	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.400%
Target Compounds						Qvalue
3) Chloromethane	1.475	50	28723	1.111	ug/L #	43
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	992	0.059	ug/L #	20
14) Carbon disulfide	2.793	76	14618	0.255	ug/L	99
27) 1,2-Dichloroethane	5.790	62	17018	0.856	ug/L	96
35) Methylcyclohexane	6.687	83	25325	0.911	ug/L #	21
37) 1,2-Dichloropropane	6.690	63	11134	0.555	ug/L #	88
38) Bromodichloromethane	7.163	83	4293	0.176	ug/L #	1
49) Dibromochloromethane	8.549	129	862	0.051	ug/L #	12
61) 1,2,3-Trichloropropane	11.806	75	12950	1.065	ug/L #	69

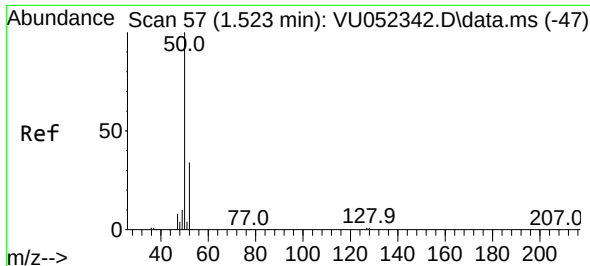
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121222\
Data File : VU052361.D
Acq On : 12 Dec 2022 18:31
Operator : JC/MD
Sample : N5961-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Dec 13 01:06:17 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Dec 13 01:01:45 2022
Response via : Initial Calibration

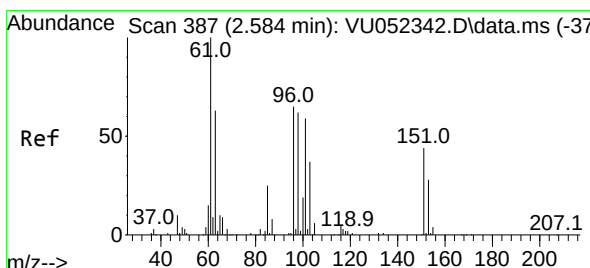
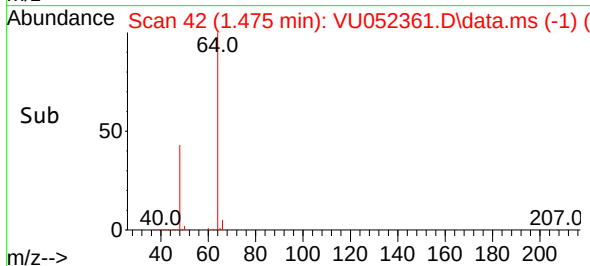
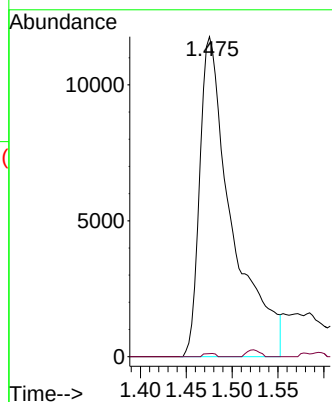
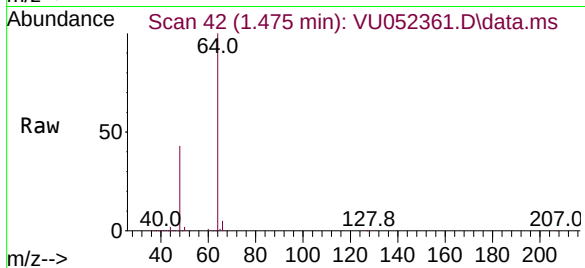




#3
Chloromethane
Concen: 1.111 ug/L
RT: 1.475 min Scan# 41
Delta R.T. -0.048 min
Lab File: VU052361.D
Acq: 12 Dec 2022 18:31

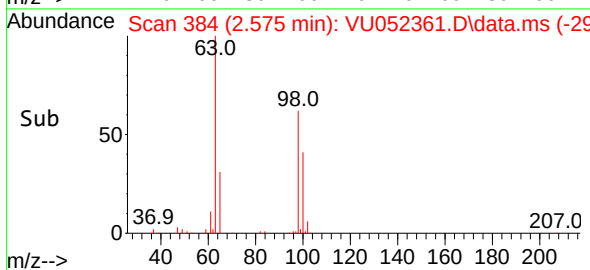
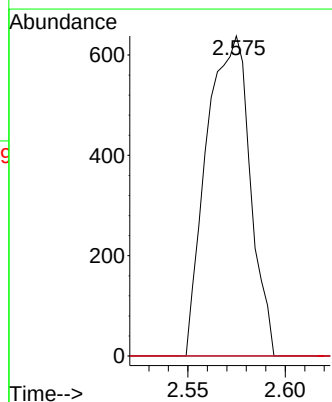
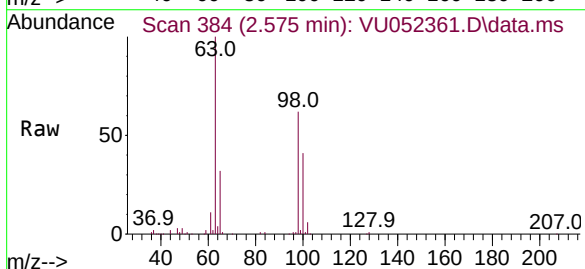
Instrument :
MSVOA_U
ClientSampleId :

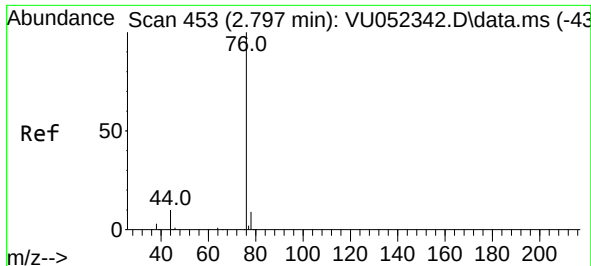
Tgt Ion: 50 Resp: 28723
Ion Ratio Lower Upper
50 100
52 0.9 23.4 43.4#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.059 ug/L
RT: 2.575 min Scan# 384
Delta R.T. -0.010 min
Lab File: VU052361.D
Acq: 12 Dec 2022 18:31

Tgt Ion:101 Resp: 992
Ion Ratio Lower Upper
101 100
85 0.0 33.8 50.6#
151 0.0 58.6 88.0#

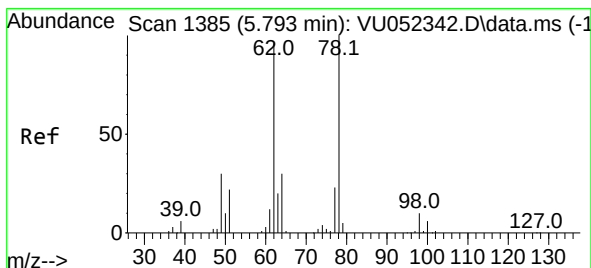
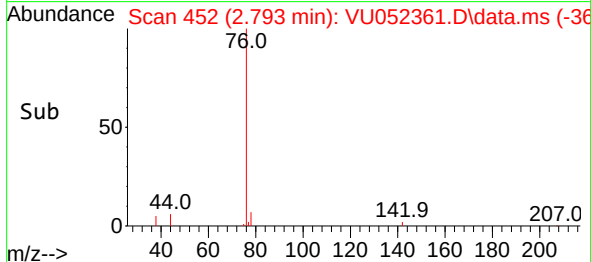
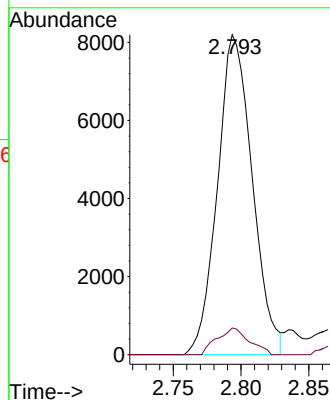
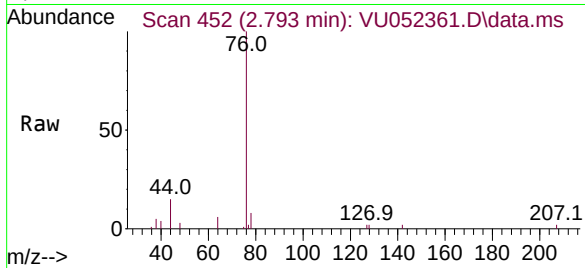




#14
Carbon disulfide
Concen: 0.255 ug/L
RT: 2.793 min Scan# 41
Delta R.T. -0.003 min
Lab File: VU052361.D
Acq: 12 Dec 2022 18:31

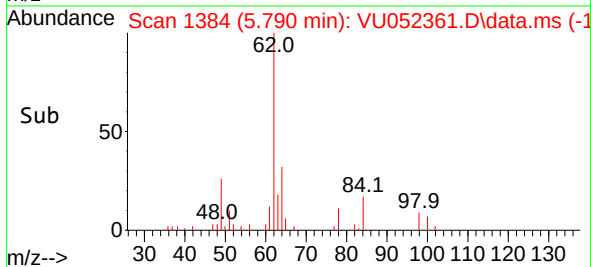
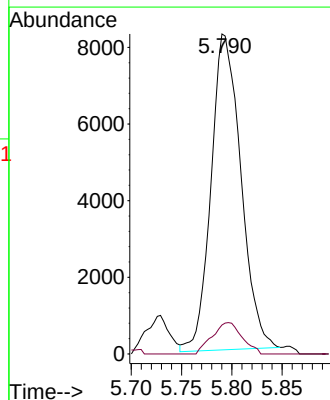
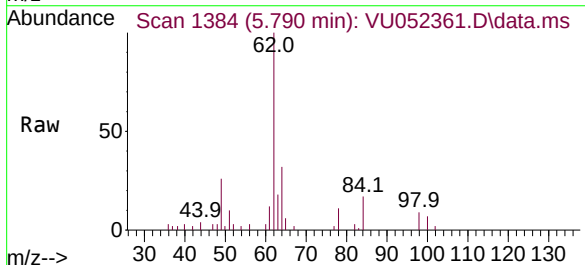
Instrument :
MSVOA_U
ClientSampleId :

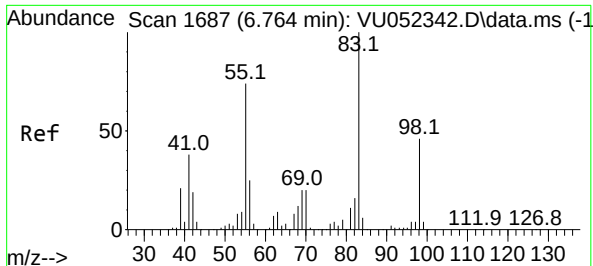
Tgt Ion: 76 Resp: 14618
Ion Ratio Lower Upper
76 100
78 8.3 7.0 10.4



#27
1,2-Dichloroethane
Concen: 0.856 ug/L
RT: 5.790 min Scan# 1384
Delta R.T. -0.003 min
Lab File: VU052361.D
Acq: 12 Dec 2022 18:31

Tgt Ion: 62 Resp: 17018
Ion Ratio Lower Upper
62 100
98 9.0 8.4 12.6

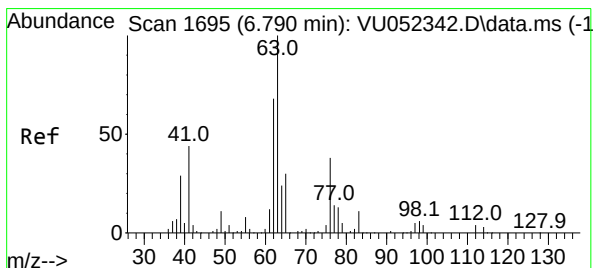
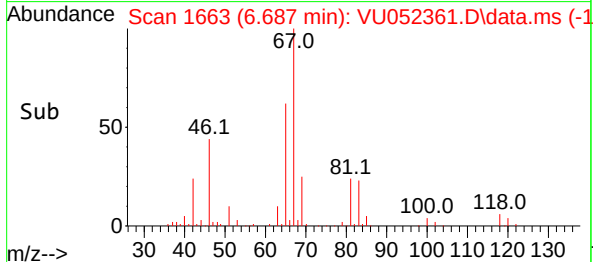
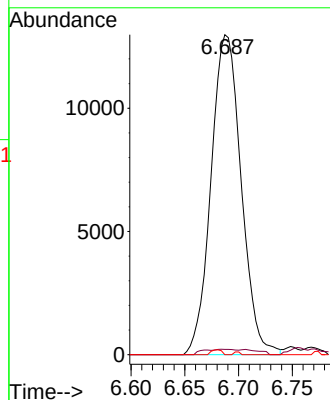
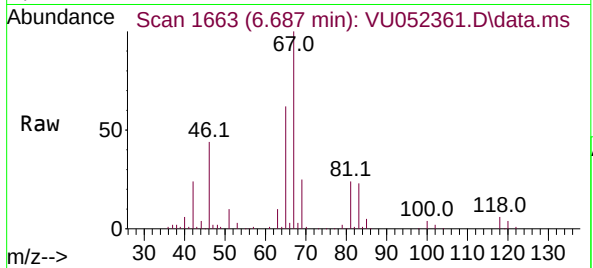




#35
Methylcyclohexane
Concen: 0.911 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.077 min
Lab File: VU052361.D
Acq: 12 Dec 2022 18:31

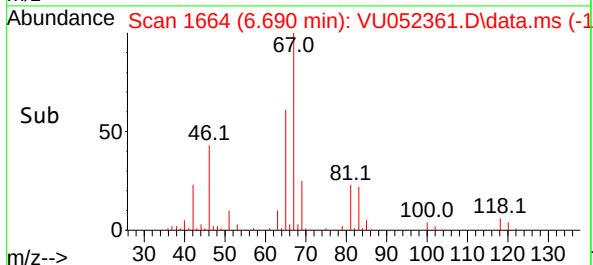
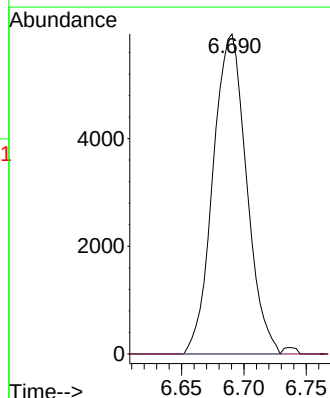
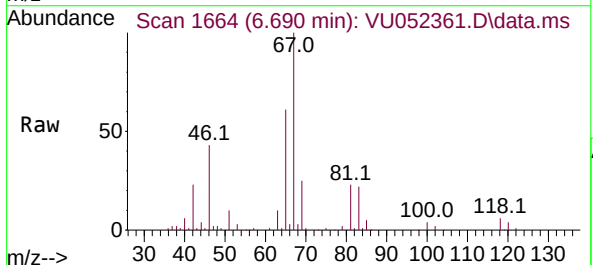
Instrument :
MSVOA_U
ClientSampleId :

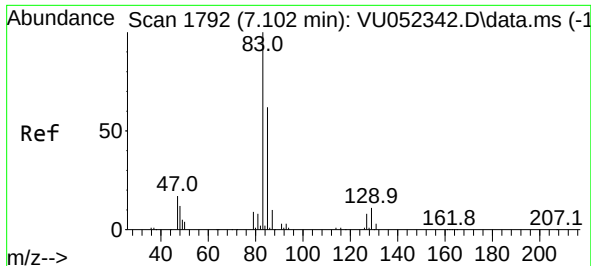
Tgt Ion	Ratio	Lower	Upper
83	100		
55	1.9	60.8	91.2#
98	0.5	35.1	52.7#



#37
1,2-Dichloropropane
Concen: 0.555 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.100 min
Lab File: VU052361.D
Acq: 12 Dec 2022 18:31

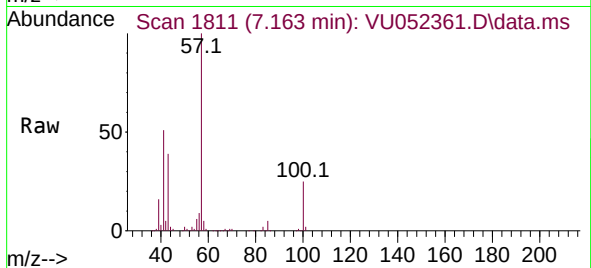
Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.3	4.9#



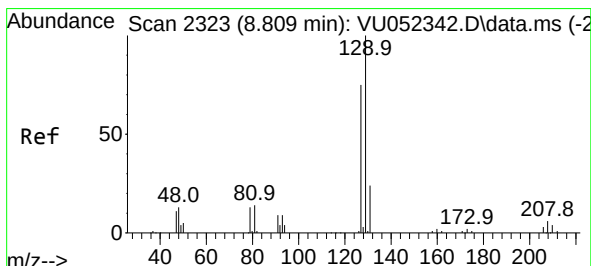
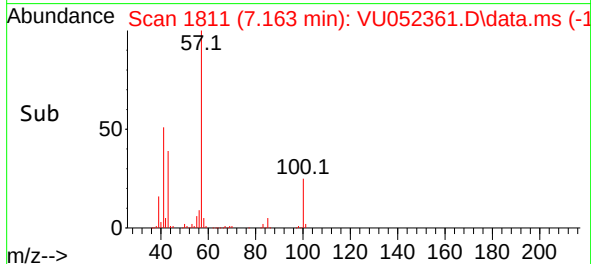
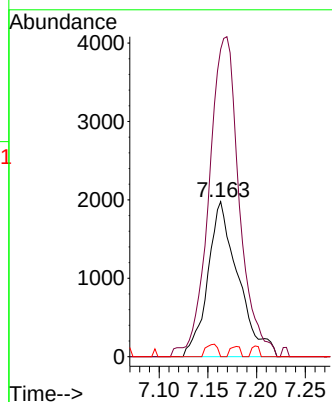


#38
Bromodichloromethane
Concen: 0.176 ug/L
RT: 7.163 min Scan# 11
Delta R.T. 0.061 min
Lab File: VU052361.D
Acq: 12 Dec 2022 18:31

Instrument :
MSVOA_U
ClientSampleId :

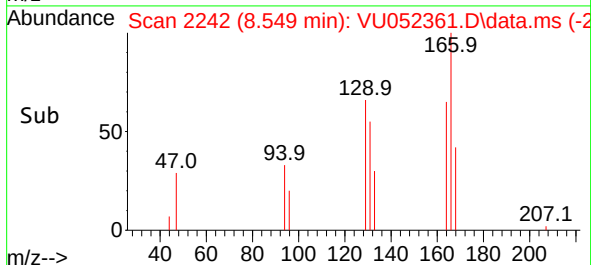
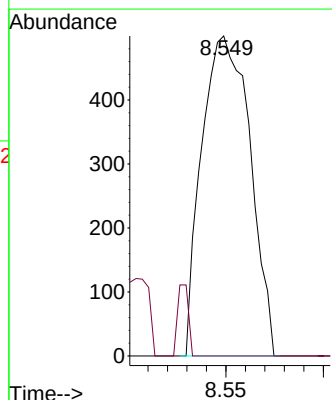
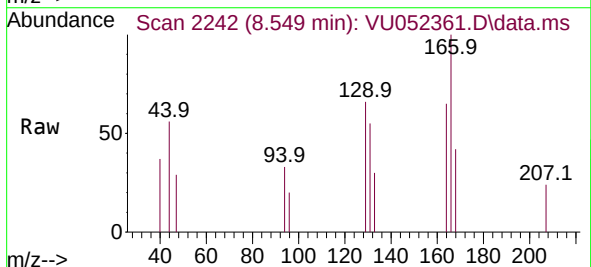


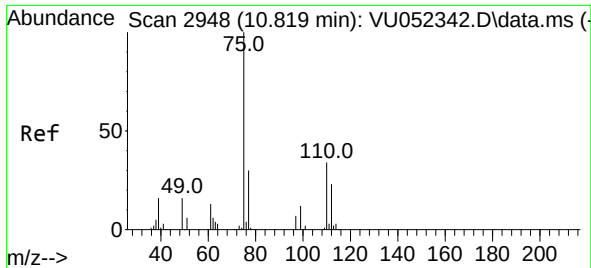
Tgt Ion: 83 Resp: 4293
Ion Ratio Lower Upper
83 100
85 198.2 43.5 80.9#
127 0.0 6.8 10.2#



#49
Dibromochloromethane
Concen: 0.051 ug/L
RT: 8.549 min Scan# 2242
Delta R.T. -0.260 min
Lab File: VU052361.D
Acq: 12 Dec 2022 18:31

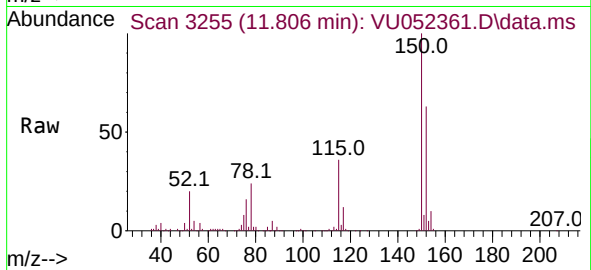
Tgt Ion: 129 Resp: 862
Ion Ratio Lower Upper
129 100
127 0.0 52.8 98.2#





#61
 1,2,3-Trichloropropane
 Concen: 1.065 ug/L
 RT: 11.806 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU052361.D
 Acq: 12 Dec 2022 18:31

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:	75	Resp:	12950
Ion	Ratio	Lower	Upper
75	100		
110	3.1	28.3	42.5#
77	30.5	26.2	39.2

