

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111523\
 Data File : VU056365.D
 Acq On : 15 Nov 2023 19:16
 Operator : MD/SY
 Sample : 05372-04RE
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 16 04:41:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 16 04:37:29 2023
 Response via : Initial Calibration

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

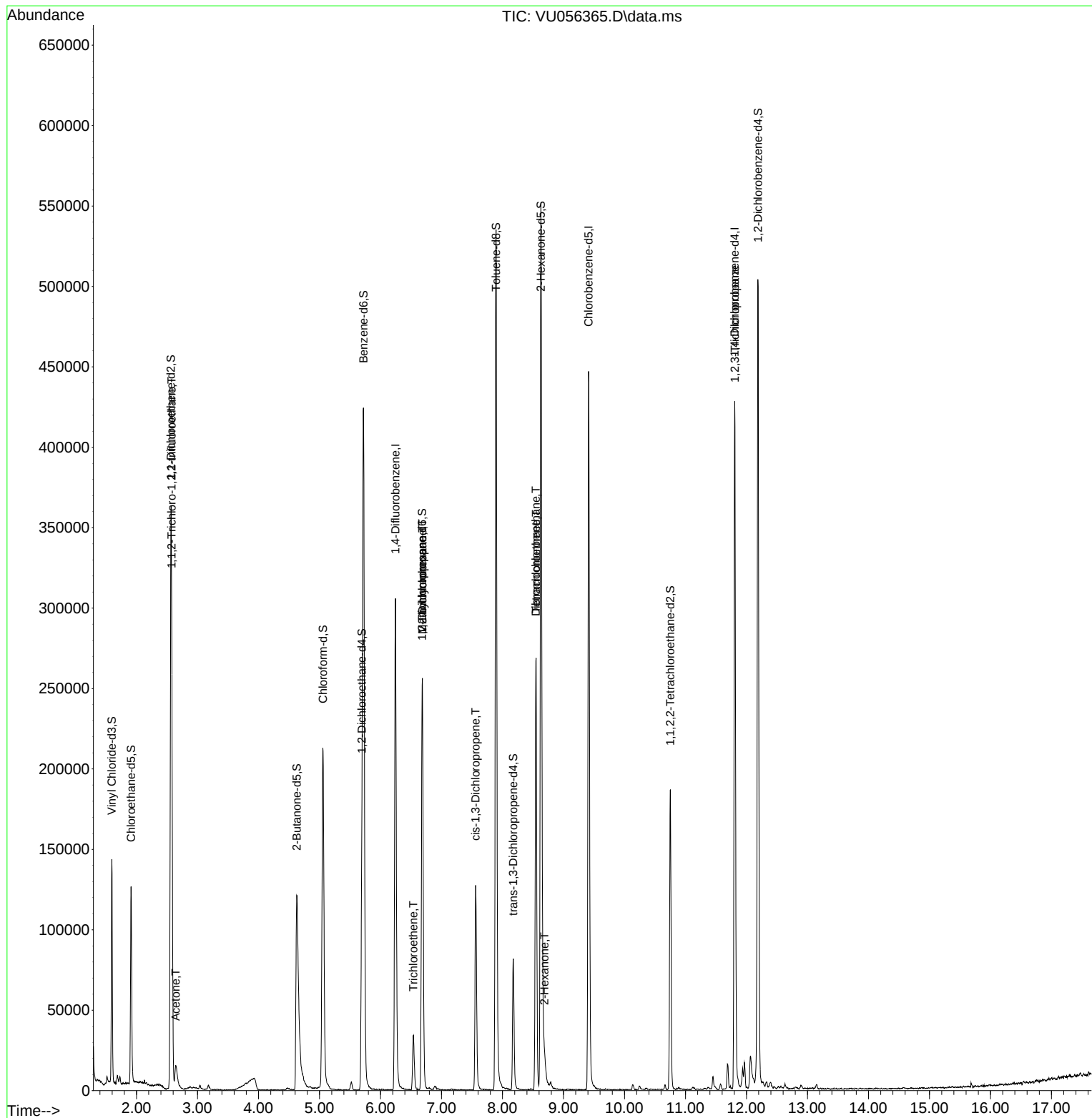
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	246270	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	257100	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	115027	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	99048	5.377	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	107.600%
7) Chloroethane-d5	1.911	69	89600	6.344	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	126.800%
11) 1,1-Dichloroethene-d2	2.563	65	47045	5.787	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	115.800%
20) 2-Butanone-d5	4.627	46	228414	62.187	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	124.380%
24) Chloroform-d	5.055	84	205863	5.778	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	115.600%
26) 1,2-Dichloroethane-d4	5.695	65	103075	6.261	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	125.200%
32) Benzene-d6	5.721	84	414632	5.413	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.200%
36) 1,2-Dichloropropane-d6	6.682	67	126868	5.495	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	110.000%
41) Toluene-d8	7.894	98	371289	5.489	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.800%
43) trans-1,3-Dichloroprop...	8.174	79	49228	5.560	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	111.200%
46) 2-Hexanone-d5	8.631	63	194218	55.818	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.640%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	94313	5.717	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	114.400%
66) 1,2-Dichlorobenzene-d4	12.190	152	132527	6.237	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	124.800%#
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	77464	4.713	ug/L	99
13) Acetone	2.644	43	27769	8.877	ug/L	97
34) Trichloroethene	6.537	95	11373	0.569	ug/L	97
35) Methylcyclohexane	6.685	83	29787	1.032	ug/L #	18
37) 1,2-Dichloropropane	6.685	63	13906	0.727	ug/L #	90
39) cis-1,3-Dichloropropene	7.560	75	3763	0.134	ug/L	98
47) Tetrachloroethene	8.550	164	57561	4.271	ug/L	97
48) 2-Hexanone	8.688	43	9783	1.324	ug/L	89
49) Dibromochloromethane	8.547	129	60326	4.164	ug/L #	12
61) 1,2,3-Trichloropropane	11.810	75	14297	1.449	ug/L #	69

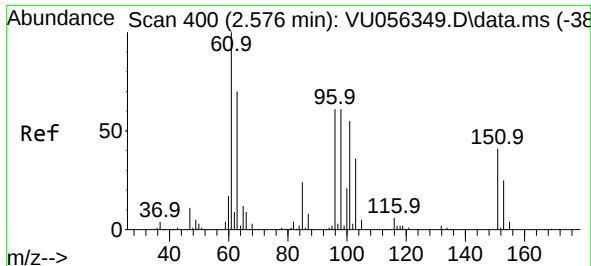
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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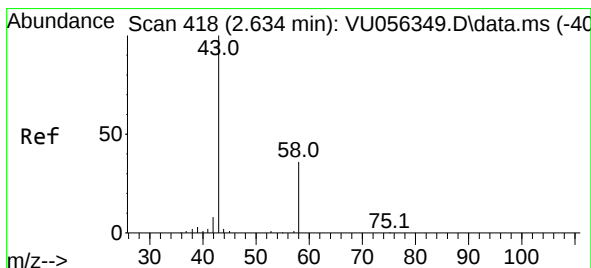
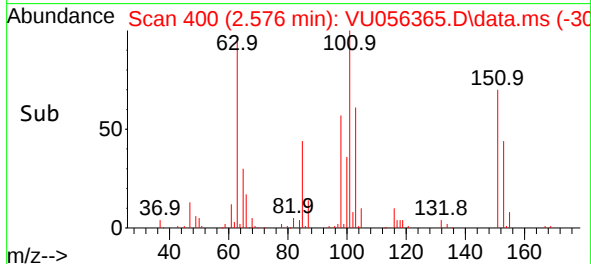
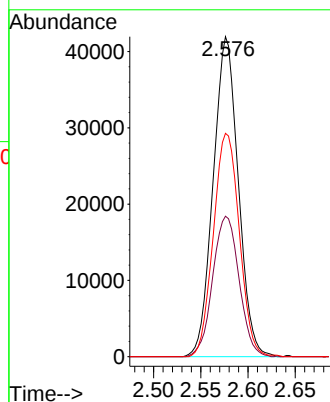
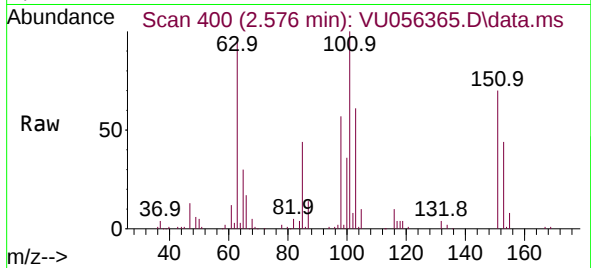




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.713 ug/L
RT: 2.576 min Scan# 400
Delta R.T. 0.000 min
Lab File: VU056365.D
Acq: 15 Nov 2023 19:16

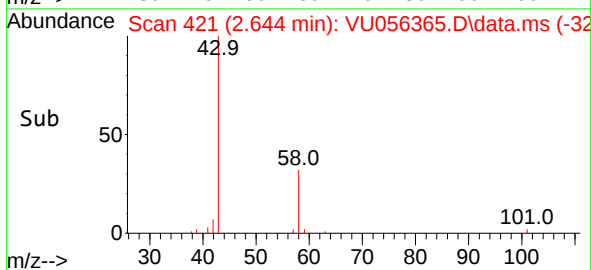
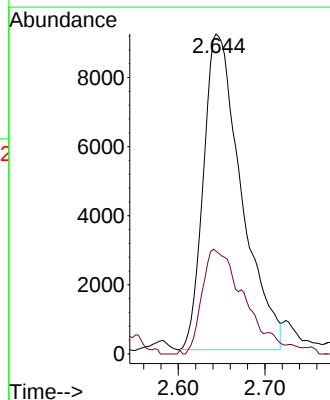
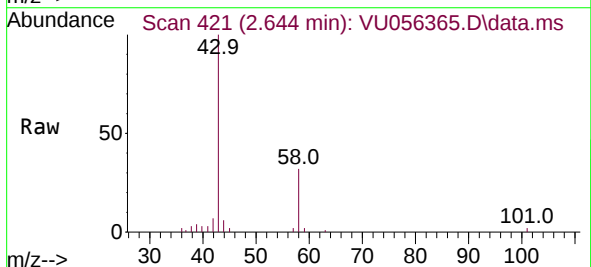
Instrument :
MSVOA_U
ClientSampleId :

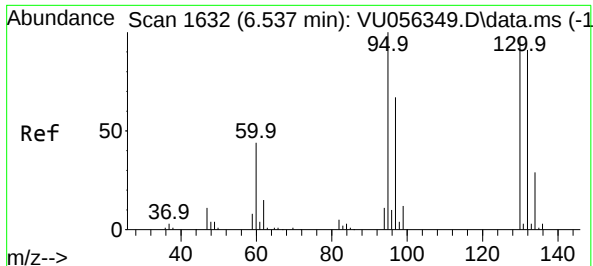
Tgt Ion:101 Resp: 77464
Ion Ratio Lower Upper
101 100
85 46.1 35.4 53.0
151 72.1 58.0 87.0



#13
Acetone
Concen: 8.877 ug/L
RT: 2.644 min Scan# 421
Delta R.T. 0.010 min
Lab File: VU056365.D
Acq: 15 Nov 2023 19:16

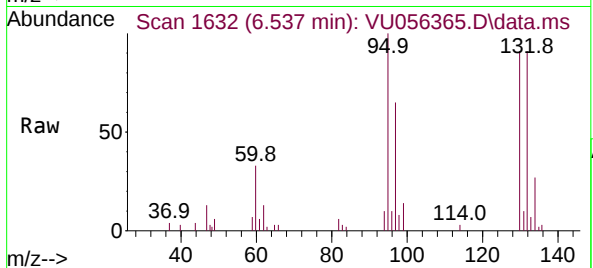
Tgt Ion: 43 Resp: 27769
Ion Ratio Lower Upper
43 100
58 36.8 0.0 70.0





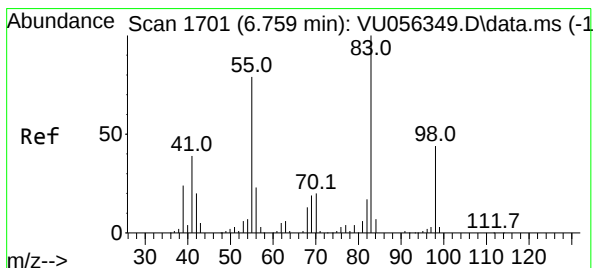
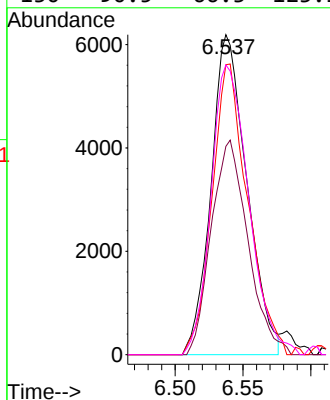
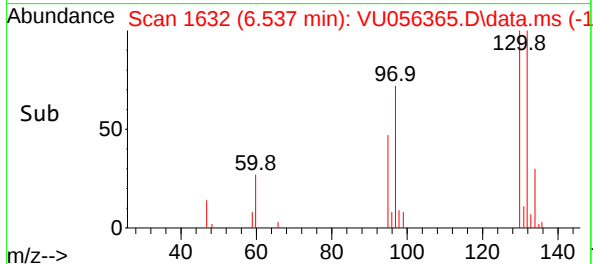
#34
Trichloroethene
Concen: 0.569 ug/L
RT: 6.537 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VU056365.D
Acq: 15 Nov 2023 19:16

Instrument :
MSVOA_U
ClientSampleId :

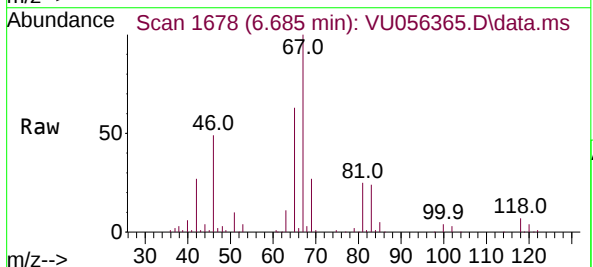


Tgt Ion: 95 Resp: 11373

Ion	Ratio	Lower	Upper
95	100		
97	65.1	46.5	86.3
132	90.6	62.0	115.2
130	90.5	66.3	123.1

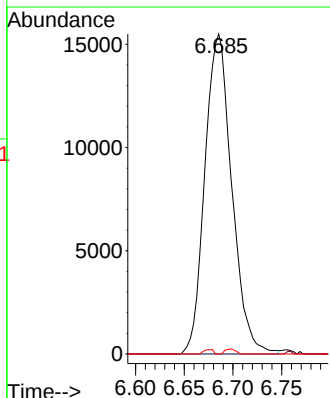
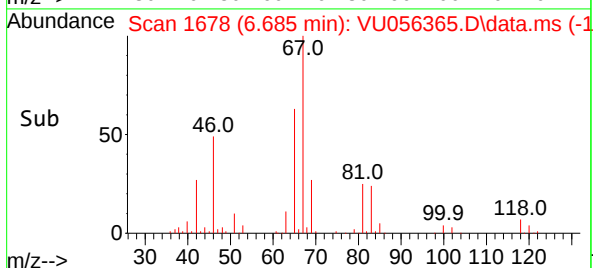


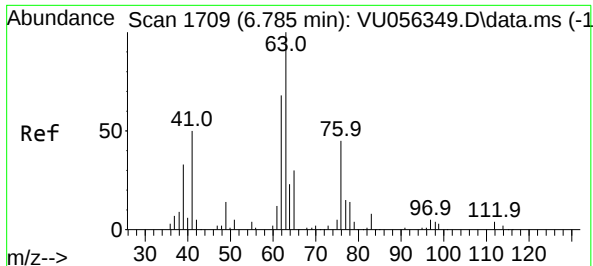
#35
Methylcyclohexane
Concen: 1.032 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.074 min
Lab File: VU056365.D
Acq: 15 Nov 2023 19:16



Tgt Ion: 83 Resp: 29787

Ion	Ratio	Lower	Upper
83	100		
55	0.0	62.9	94.3#
98	0.5	35.3	52.9#

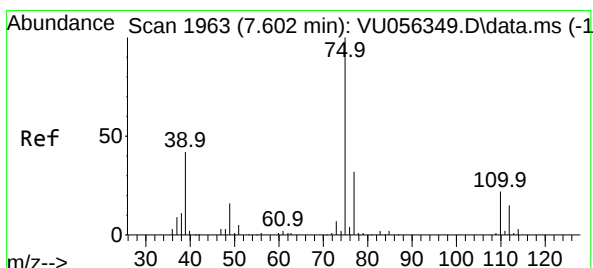
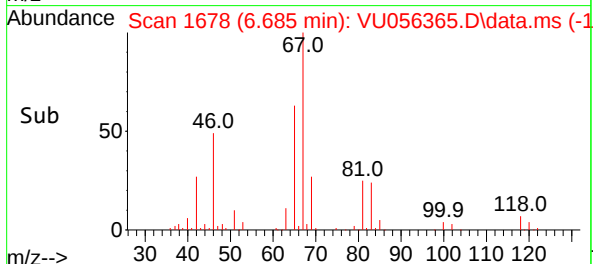
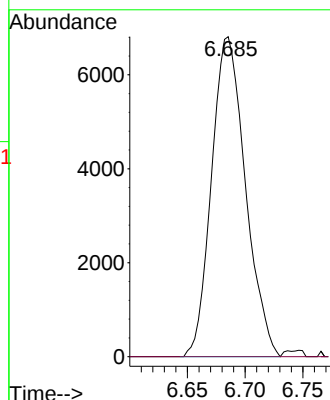
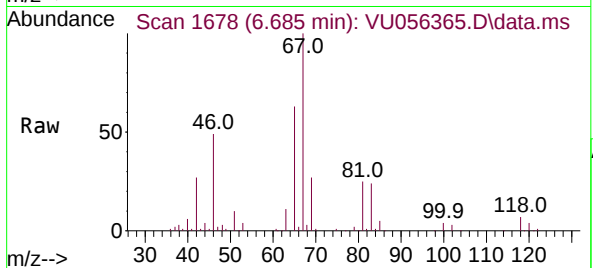




#37
1,2-Dichloropropane
Concen: 0.727 ug/L
RT: 6.685 min Scan# 11
Delta R.T. -0.100 min
Lab File: VU056365.D
Acq: 15 Nov 2023 19:16

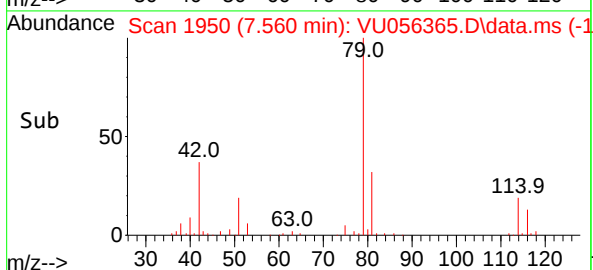
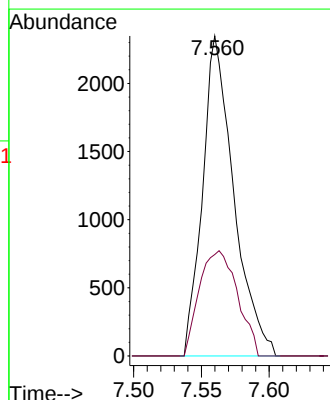
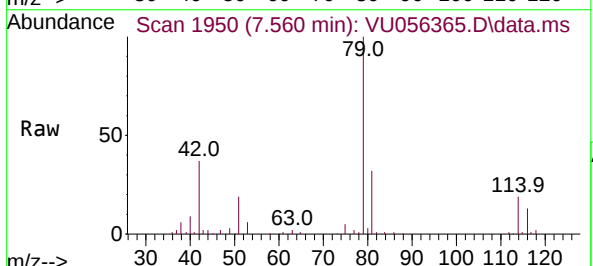
Instrument :
MSVOA_U
ClientSampleId :

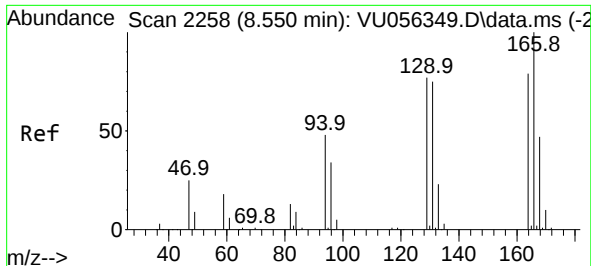
Tgt Ion: 63 Resp: 13906
Ion Ratio Lower Upper
63 100
112 0.6 3.2 4.8#



#39
cis-1,3-Dichloropropene
Concen: 0.134 ug/L
RT: 7.560 min Scan# 1950
Delta R.T. -0.042 min
Lab File: VU056365.D
Acq: 15 Nov 2023 19:16

Tgt Ion: 75 Resp: 3763
Ion Ratio Lower Upper
75 100
77 31.7 21.5 39.9

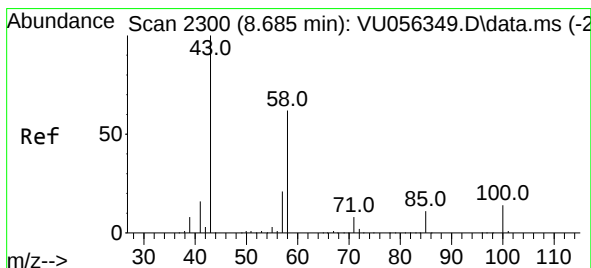
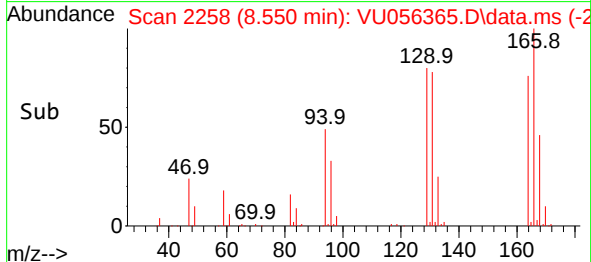
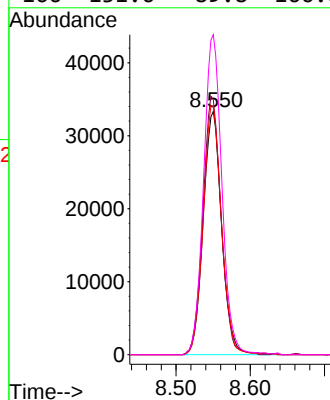
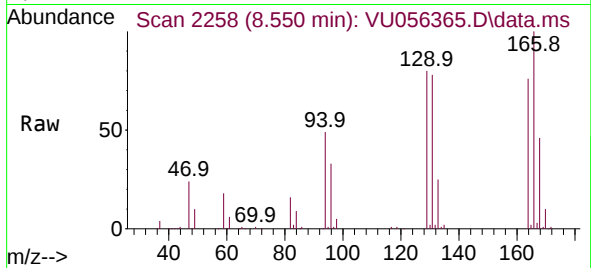




#47
Tetrachloroethene
Concen: 4.271 ug/L
RT: 8.550 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU056365.D
Acq: 15 Nov 2023 19:16

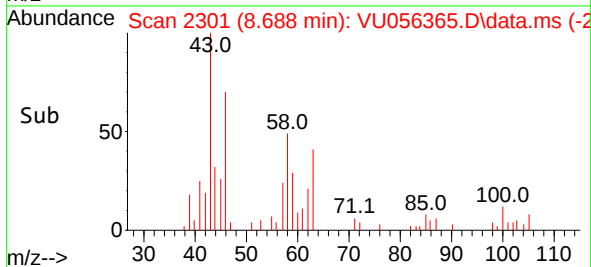
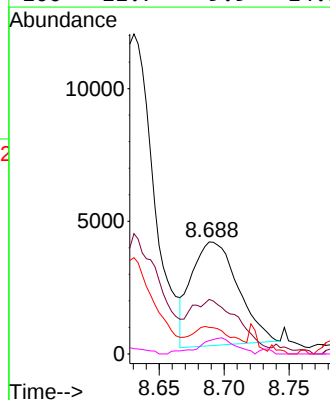
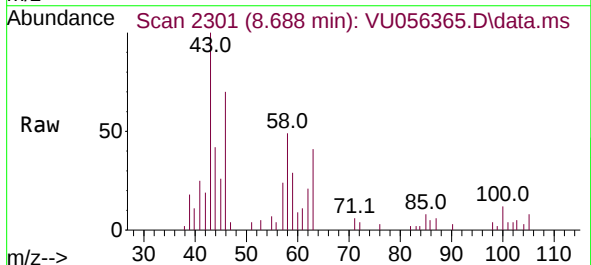
Instrument :
MSVOA_U
ClientSampleId :

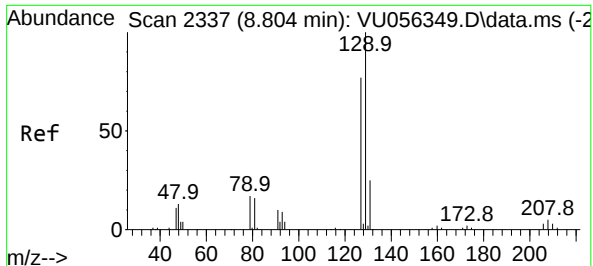
Tgt Ion:164 Resp: 57561
Ion Ratio Lower Upper
164 100
129 104.9 71.0 131.9
131 102.1 70.3 130.7
166 131.6 89.8 166.8



#48
2-Hexanone
Concen: 1.324 ug/L
RT: 8.688 min Scan# 2301
Delta R.T. 0.003 min
Lab File: VU056365.D
Acq: 15 Nov 2023 19:16

Tgt Ion: 43 Resp: 9783
Ion Ratio Lower Upper
43 100
58 48.8 48.7 73.1
57 22.1 16.8 25.2
100 11.7 9.9 14.9

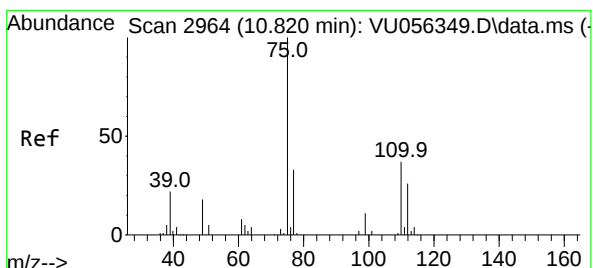
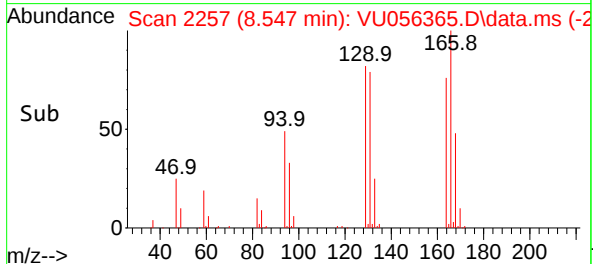
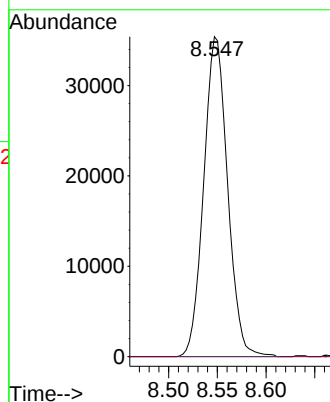
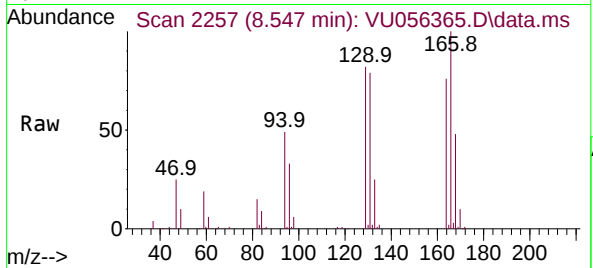




#49
Dibromochloromethane
Concen: 4.164 ug/L
RT: 8.547 min Scan# 21
Delta R.T. -0.257 min
Lab File: VU056365.D
Acq: 15 Nov 2023 19:16

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:129 Resp: 60326
Ion Ratio Lower Upper
129 100
127 0.0 52.9 98.3#



#61
1,2,3-Trichloropropane
Concen: 1.449 ug/L
RT: 11.810 min Scan# 3272
Delta R.T. 0.990 min
Lab File: VU056365.D
Acq: 15 Nov 2023 19:16

Tgt Ion: 75 Resp: 14297
Ion Ratio Lower Upper
75 100
110 3.4 30.4 45.6#
77 34.1 27.0 40.6

