

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112223\
 Data File : VU056591.D
 Acq On : 22 Nov 2023 16:13
 Operator : MD/SY
 Sample : 05441-18RE
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 23 03:43:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 22 00:29:26 2023
 Response via : Initial Calibration

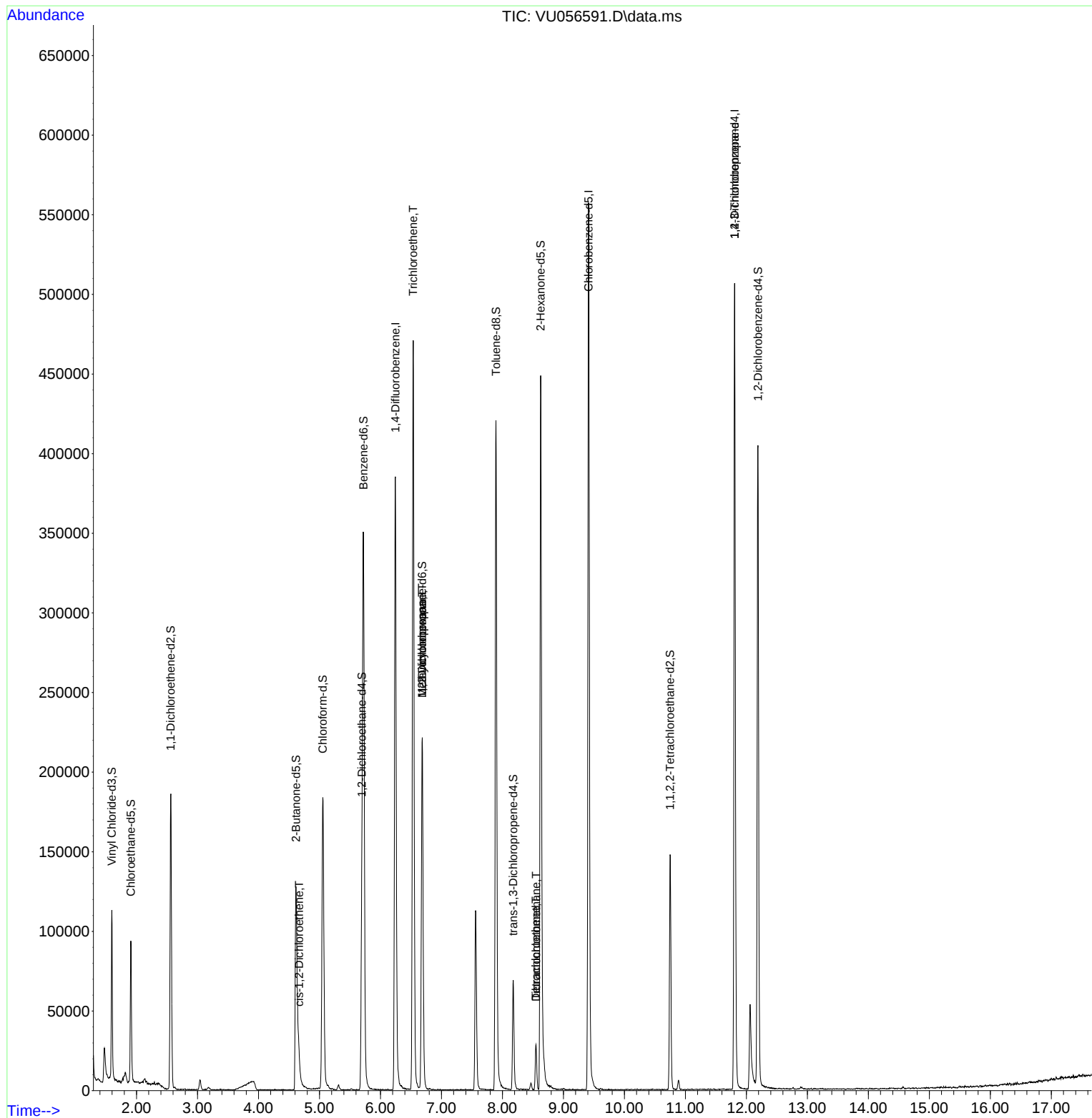
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	313129	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	320554	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	134337	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	73398	3.134	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	62.600%
7) Chloroethane-d5	1.907	69	65666	3.657	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	73.200%
11) 1,1-Dichloroethene-d2	2.560	65	35007	3.387	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.800%
20) 2-Butanone-d5	4.615	46	189330	40.540	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	81.080%
24) Chloroform-d	5.055	84	174263	3.847	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.000%
26) 1,2-Dichloroethane-d4	5.695	65	88318	4.219	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.400%
32) Benzene-d6	5.721	84	337090	3.530	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	70.600%
36) 1,2-Dichloropropane-d6	6.685	67	107039	3.719	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	74.400%
41) Toluene-d8	7.894	98	295873	3.508	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	70.200%
43) trans-1,3-Dichloroprop...	8.177	79	40332	3.653	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.000%
46) 2-Hexanone-d5	8.627	63	149159	34.382	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	68.760%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	74929	3.643	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	72.800%
66) 1,2-Dichlorobenzene-d4	12.190	152	106839	4.305	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.200%
Target Compounds						
22) cis-1,2-Dichloroethene	4.666	96	5576	0.249	ug/L	92
34) Trichloroethene	6.537	95	169642	6.807	ug/L	99
35) Methylcyclohexane	6.682	83	24783	0.689	ug/L #	31
37) 1,2-Dichloropropane	6.682	63	12423	0.521	ug/L #	90
47) Tetrachloroethene	8.550	164	6163	0.367	ug/L	94
49) Dibromochloromethane	8.553	129	6258	0.346	ug/L #	12
61) 1,2,3-Trichloropropane	11.807	75	16245	1.409	ug/L #	67

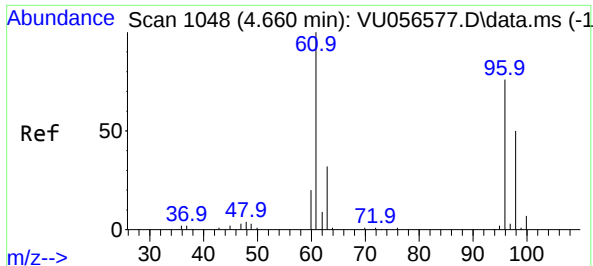
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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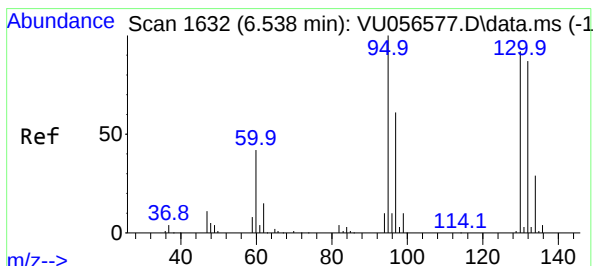
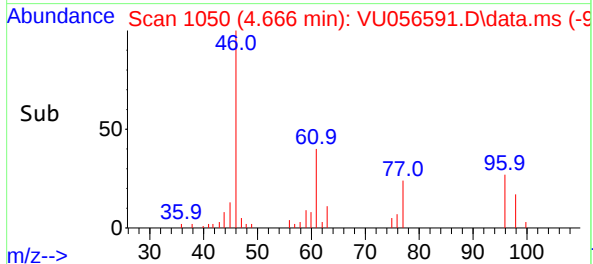
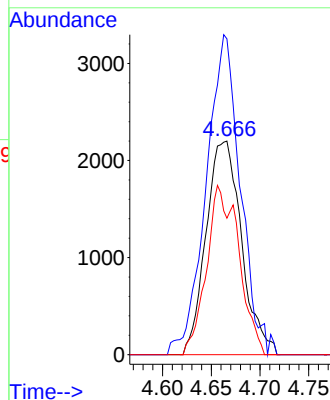
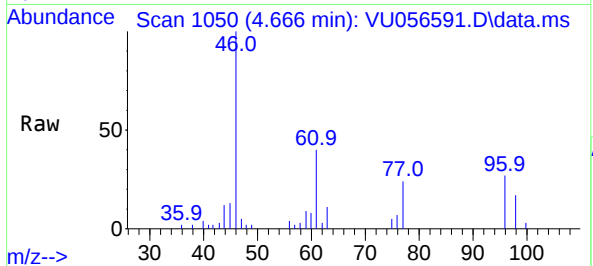




#22
cis-1,2-Dichloroethene
Concen: 0.249 ug/L
RT: 4.666 min Scan# 1050
Delta R.T. 0.006 min
Lab File: VU056591.D
Acq: 22 Nov 2023 16:13

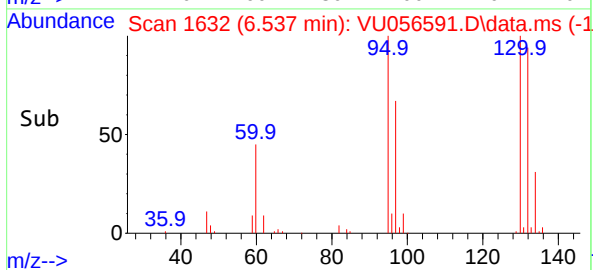
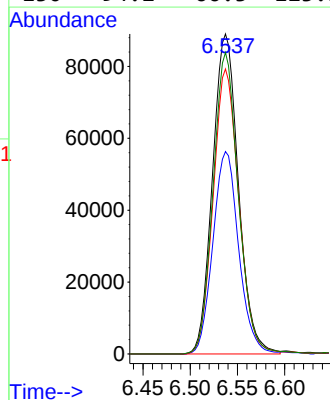
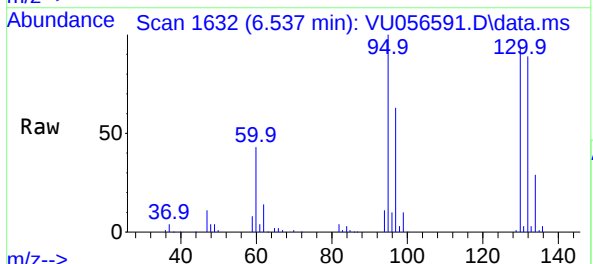
Instrument :
MSVOA_U
ClientSampleId :

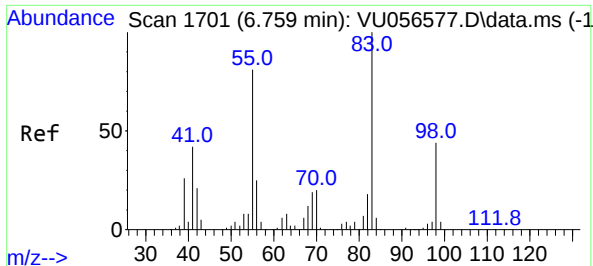
Tgt Ion: 96 Resp: 5576
Ion Ratio Lower Upper
96 100
61 147.9 93.2 173.2
98 63.9 44.8 83.2



#34
Trichloroethene
Concen: 6.807 ug/L
RT: 6.537 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VU056591.D
Acq: 22 Nov 2023 16:13

Tgt Ion: 95 Resp: 169642
Ion Ratio Lower Upper
95 100
97 63.2 46.5 86.3
132 89.1 62.0 115.2
130 94.2 66.3 123.1

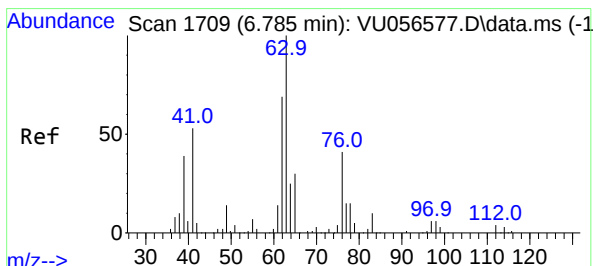
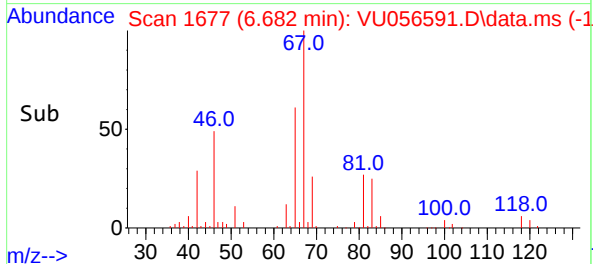
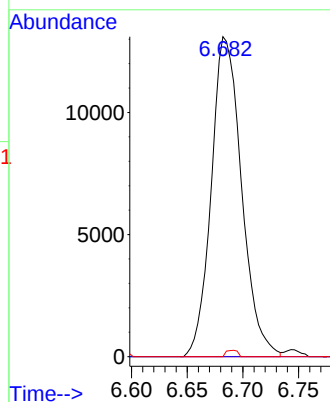
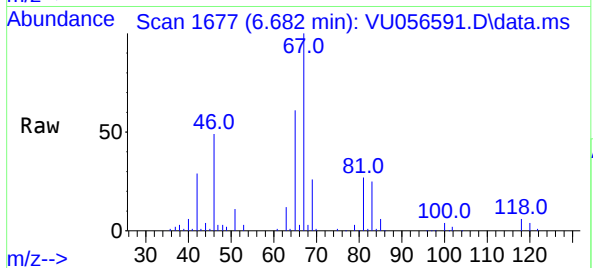




#35
Methylcyclohexane
Concen: 0.689 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.074 min
Lab File: VU056591.D
Acq: 22 Nov 2023 16:13

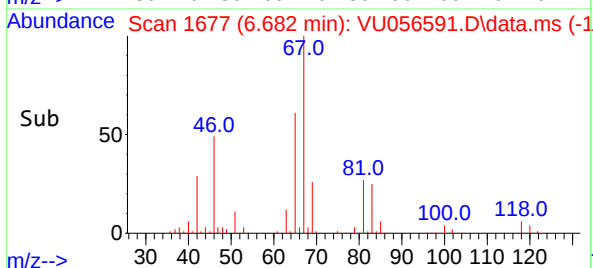
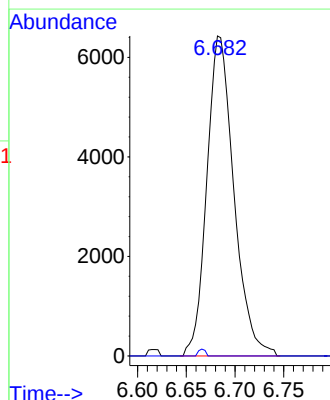
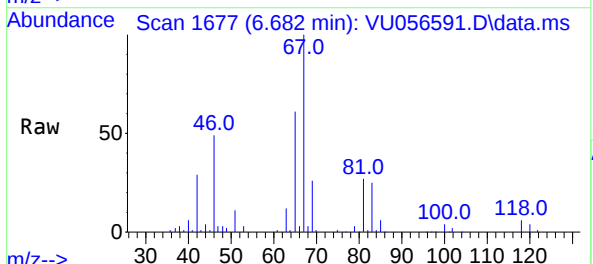
Instrument :
MSVOA_U
ClientSampleId :

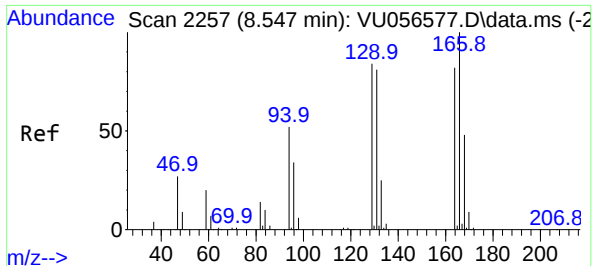
Tgt Ion: 83 Resp: 24783
Ion Ratio Lower Upper
83 100
55 0.0 62.9 94.3#
98 23.5 35.3 52.9#



#37
1,2-Dichloropropane
Concen: 0.521 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.100 min
Lab File: VU056591.D
Acq: 22 Nov 2023 16:13

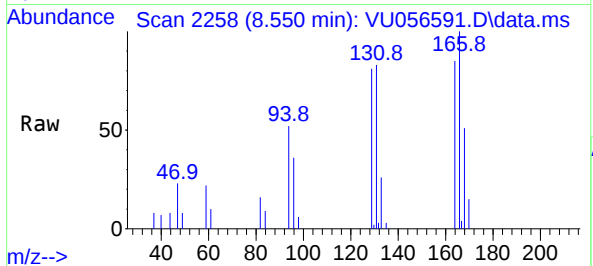
Tgt Ion: 63 Resp: 12423
Ion Ratio Lower Upper
63 100
112 0.6 3.2 4.8#



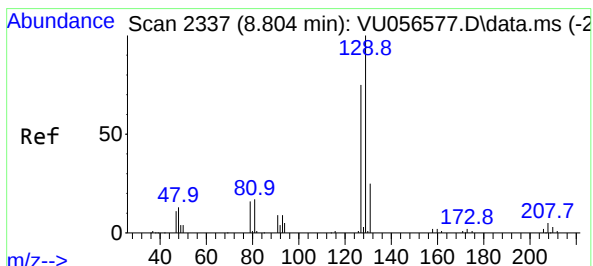
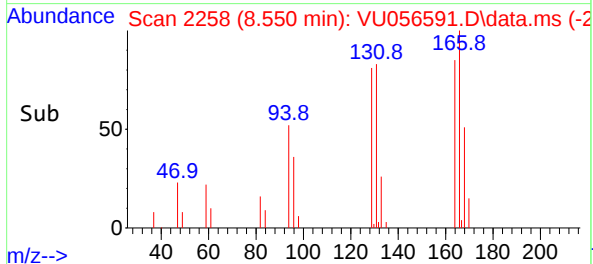
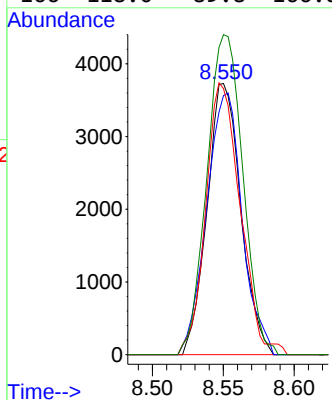


#47
Tetrachloroethene
Concen: 0.367 ug/L
RT: 8.550 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU056591.D
Acq: 22 Nov 2023 16:13

Instrument :
MSVOA_U
ClientSampleId :

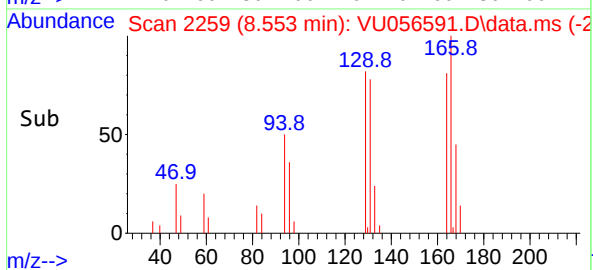
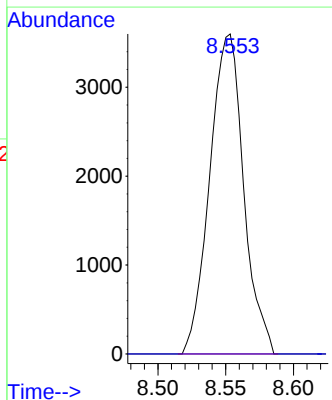
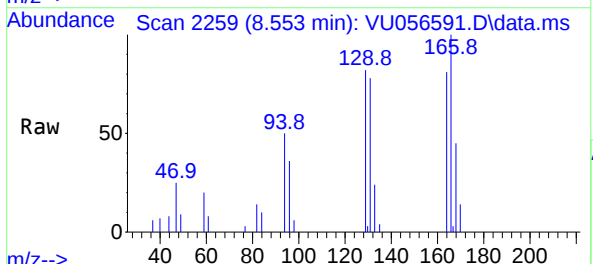


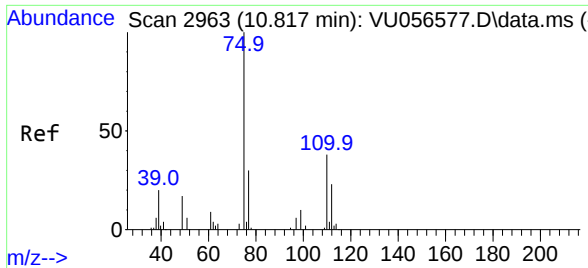
Tgt Ion:164 Resp: 6163
Ion Ratio Lower Upper
164 100
129 95.5 71.0 131.9
131 98.1 70.3 130.7
166 118.0 89.8 166.8



#49
Dibromochloromethane
Concen: 0.346 ug/L
RT: 8.553 min Scan# 2259
Delta R.T. -0.251 min
Lab File: VU056591.D
Acq: 22 Nov 2023 16:13

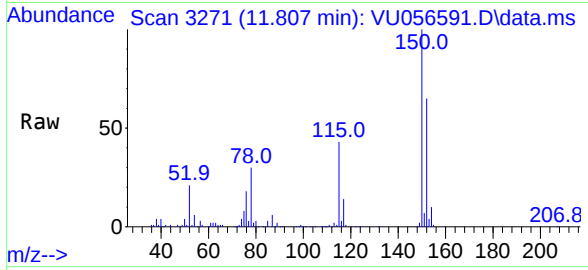
Tgt Ion:129 Resp: 6258
Ion Ratio Lower Upper
129 100
127 0.0 52.9 98.3#





#61
1,2,3-Trichloropropane
Concen: 1.409 ug/L
RT: 11.807 min Scan# 31
Delta R.T. 0.990 min
Lab File: VU056591.D
Acq: 22 Nov 2023 16:13

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 75 Resp: 16245
Ion Ratio Lower Upper
75 100
110 3.1 30.4 45.6#
77 36.2 27.0 40.6

