

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121223\
 Data File : VU056794.D
 Acq On : 12 Dec 2023 18:33
 Operator : MD/SY
 Sample : 05677-06
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0AA2

Quant Time: Dec 13 00:35:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Dec 13 00:30:00 2023
 Response via : Initial Calibration

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

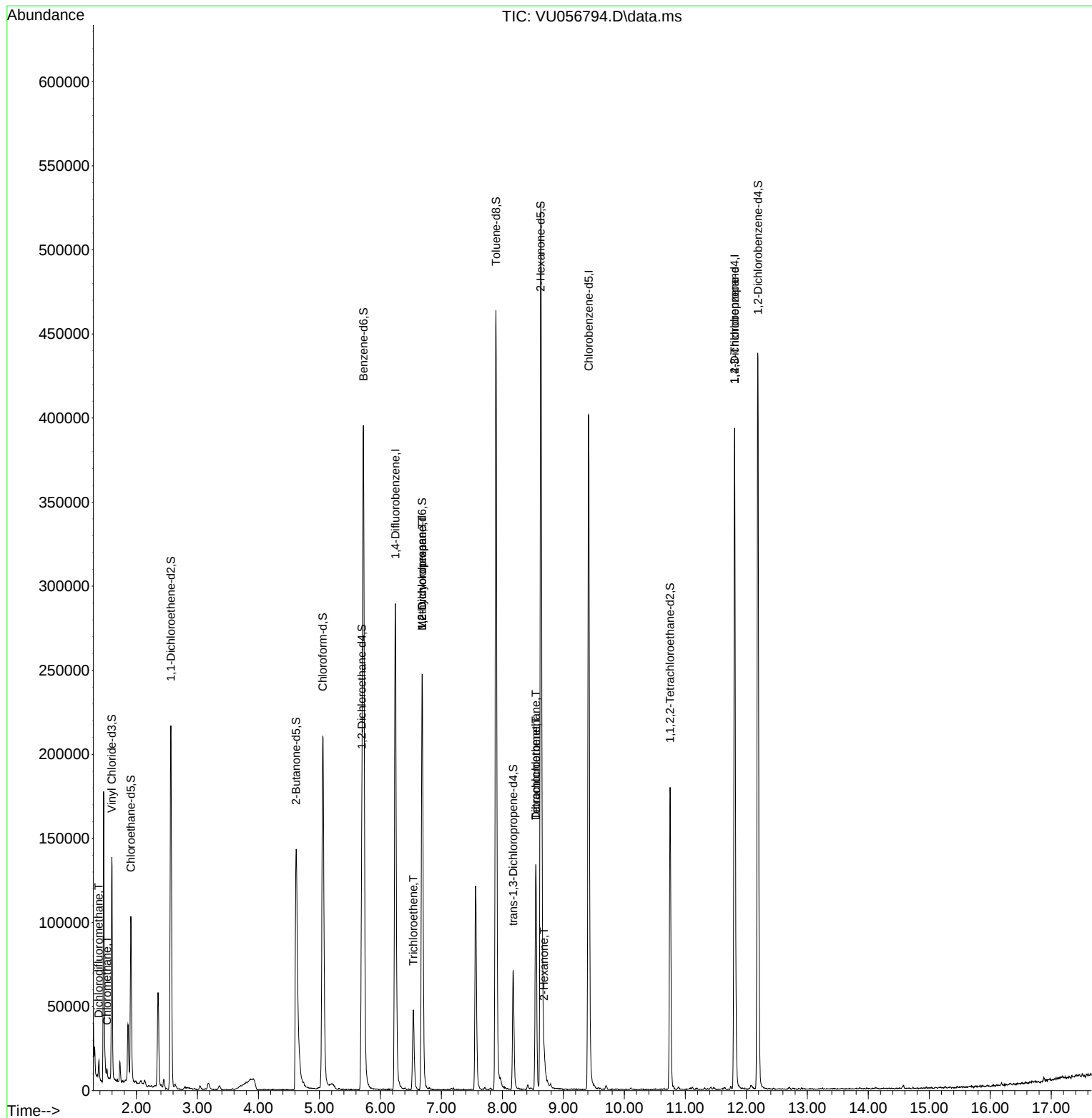
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	240787	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	238322	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	101985	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	92240	4.469	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.400%
7) Chloroethane-d5	1.908	69	72958	4.724	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.400%
11) 1,1-Dichloroethene-d2	2.563	65	41584	4.709	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.200%
20) 2-Butanone-d5	4.618	46	231200	56.722	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.440%
24) Chloroform-d	5.055	84	200566	5.132	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.600%
26) 1,2-Dichloroethane-d4	5.695	65	100533	5.436	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.800%
32) Benzene-d6	5.721	84	383683	5.190	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.800%
36) 1,2-Dichloropropane-d6	6.682	67	122687	5.303	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.000%
41) Toluene-d8	7.894	98	320534	4.852	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.000%
43) trans-1,3-Dichloroprop...	8.177	79	43969	4.900	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.000%
46) 2-Hexanone-d5	8.628	63	182608	53.961	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.920%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	90787	5.423	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.400%
66) 1,2-Dichlorobenzene-d4	12.190	152	117541	5.863	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	117.200%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.380	85	3661	0.145	ug/L	91
3) Chloromethane	1.518	50	3254	0.131	ug/L	94
34) Trichloroethene	6.541	95	17531	0.763	ug/L	96
35) Methylcyclohexane	6.685	83	29203	0.861	ug/L #	17
37) 1,2-Dichloropropane	6.682	63	12513	0.584	ug/L #	88
47) Tetrachloroethene	8.547	164	30172	1.876	ug/L	94
48) 2-Hexanone	8.682	43	7118	0.982	ug/L #	36
49) Dibromochloromethane	8.547	129	30985	1.861	ug/L #	11
61) 1,2,3-Trichloropropane	11.807	75	14034	1.282	ug/L #	70

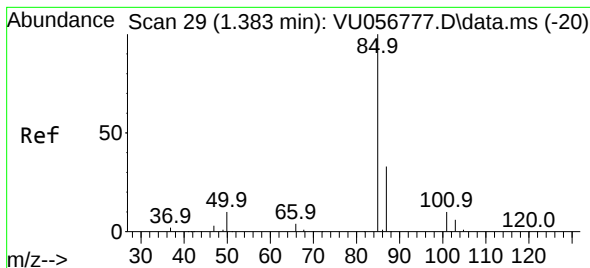
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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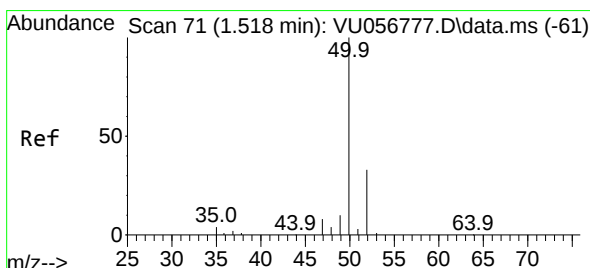
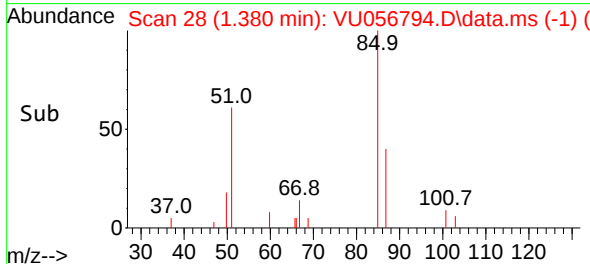
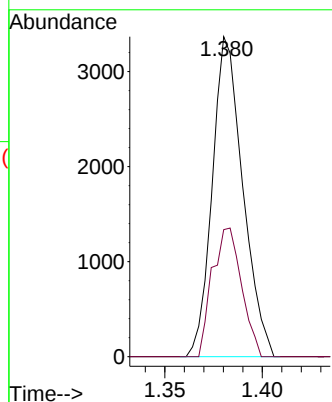
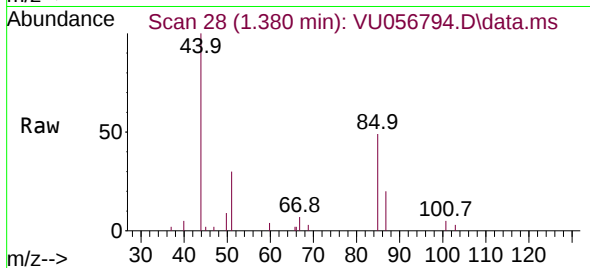




#2
Dichlorodifluoromethane
Concen: 0.145 ug/L
RT: 1.380 min Scan# 29
Delta R.T. -0.003 min
Lab File: VU056794.D
Acq: 12 Dec 2023 18:33

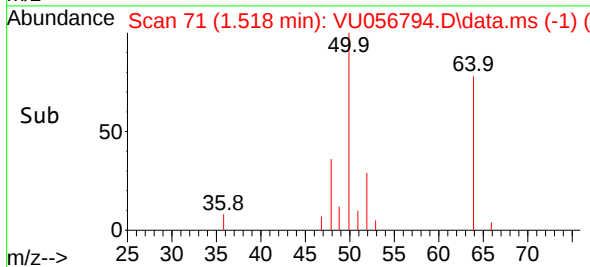
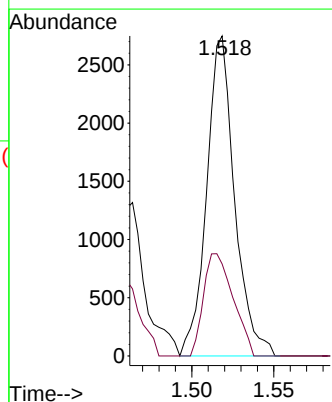
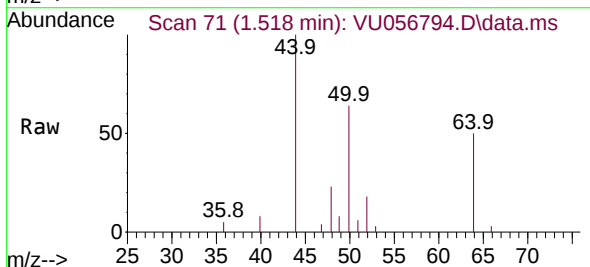
Instrument :
MSVOA_U
ClientSampleId :
H0AA2

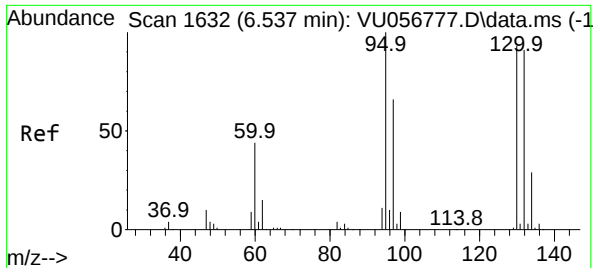
Tgt Ion: 85 Resp: 3661
Ion Ratio Lower Upper
85 100
87 38.4 26.8 40.2



#3
Chloromethane
Concen: 0.131 ug/L
RT: 1.518 min Scan# 71
Delta R.T. 0.000 min
Lab File: VU056794.D
Acq: 12 Dec 2023 18:33

Tgt Ion: 50 Resp: 3254
Ion Ratio Lower Upper
50 100
52 28.8 22.5 41.7

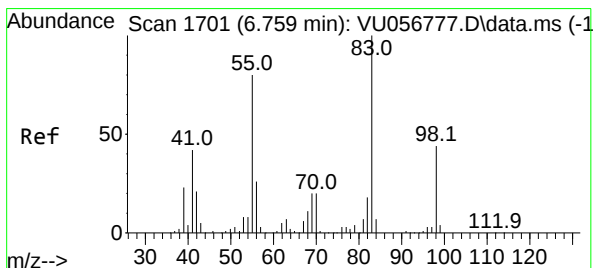
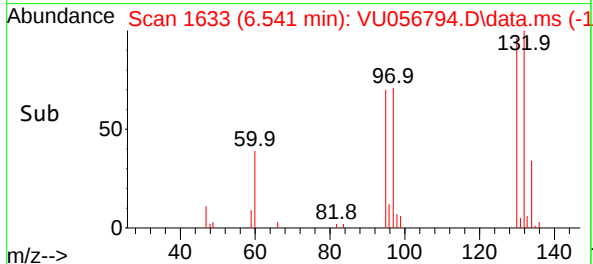
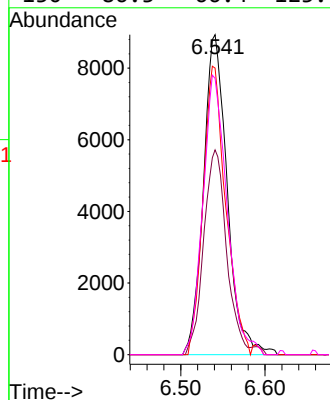
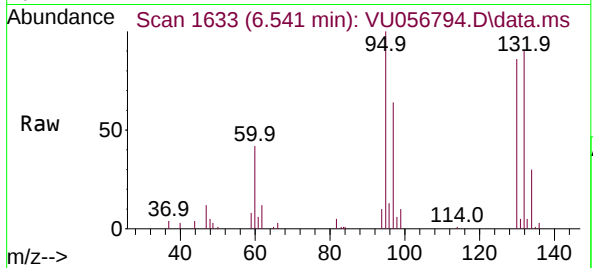




#34
Trichloroethene
Concen: 0.763 ug/L
RT: 6.541 min Scan# 1633
Delta R.T. 0.003 min
Lab File: VU056794.D
Acq: 12 Dec 2023 18:33

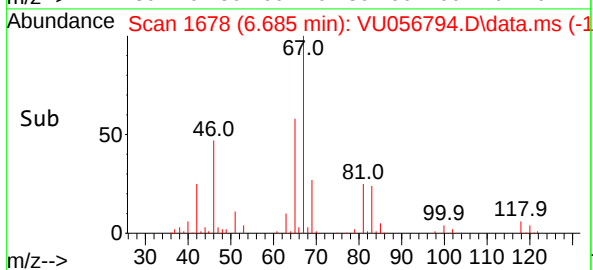
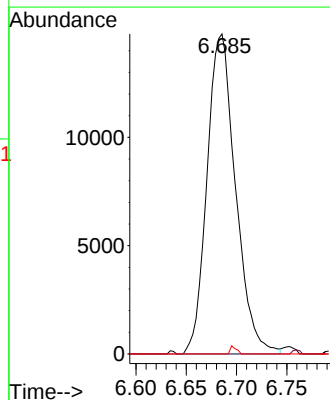
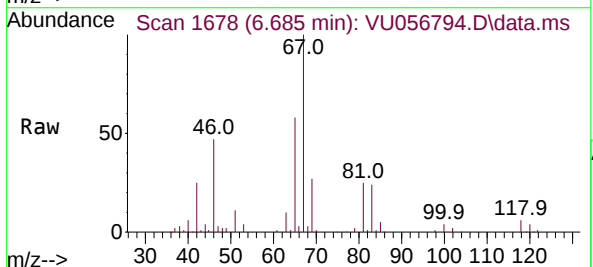
Instrument :
MSVOA_U
ClientSampleId :
H0AA2

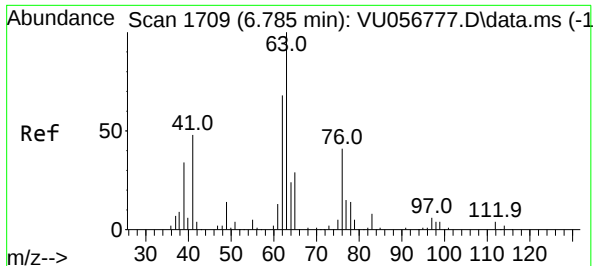
Tgt Ion:	95	Resp:	17531
Ion	Ratio	Lower	Upper
95	100		
97	64.0	46.1	85.5
132	89.6	63.6	118.0
130	86.3	66.4	123.4



#35
Methylcyclohexane
Concen: 0.861 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.074 min
Lab File: VU056794.D
Acq: 12 Dec 2023 18:33

Tgt Ion:	83	Resp:	29203
Ion	Ratio	Lower	Upper
83	100		
55	0.3	64.6	97.0#
98	0.5	36.1	54.1#





#37

1,2-Dichloropropane

Concen: 0.584 ug/L

RT: 6.682 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU056794.D

Acq: 12 Dec 2023 18:33

Instrument :

MSVOA_U

ClientSampleId :

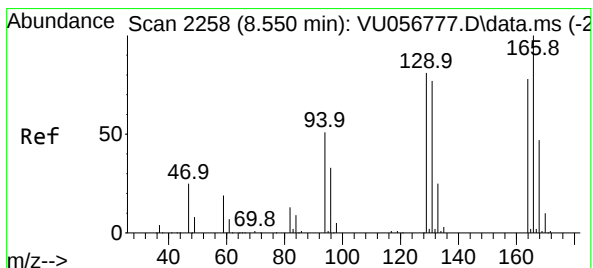
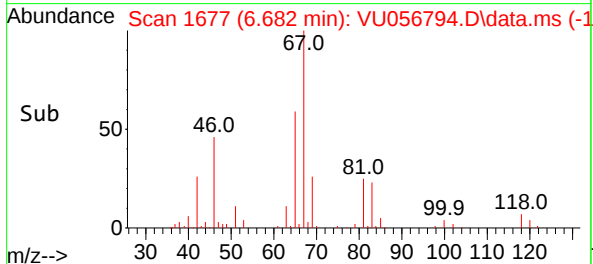
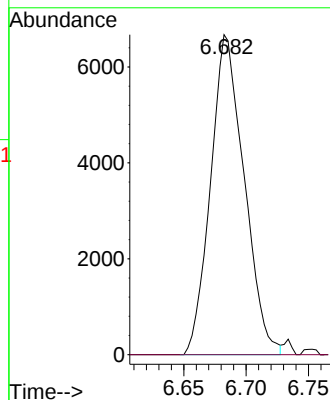
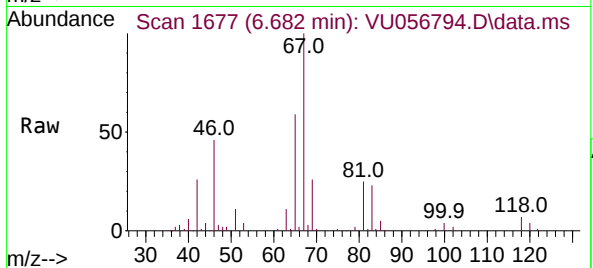
H0AA2

Tgt Ion: 63 Resp: 12513

Ion Ratio Lower Upper

63 100

112 0.0 3.3 4.9#



#47

Tetrachloroethene

Concen: 1.876 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.003 min

Lab File: VU056794.D

Acq: 12 Dec 2023 18:33

Tgt Ion: 164 Resp: 30172

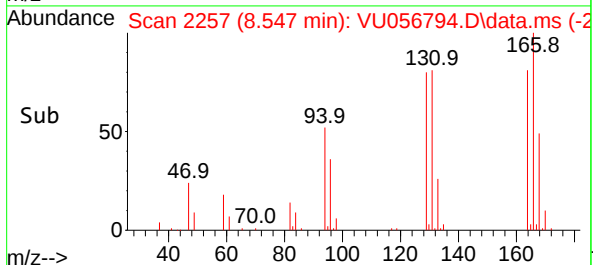
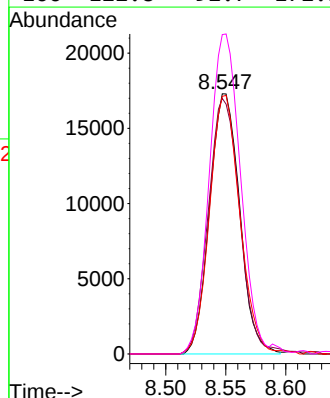
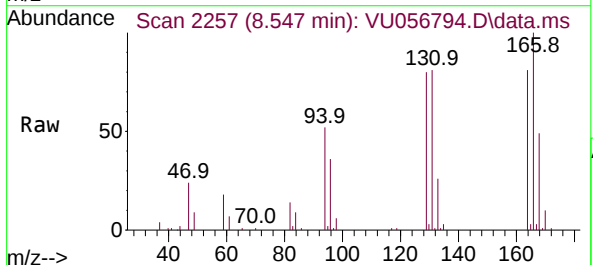
Ion Ratio Lower Upper

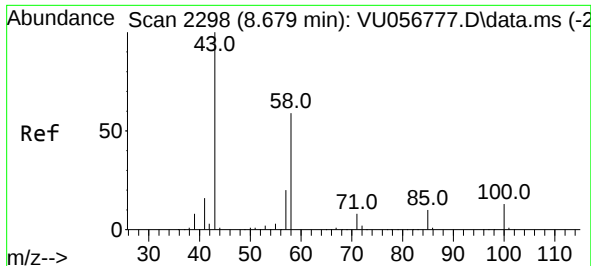
164 100

129 98.2 73.4 136.4

131 99.0 71.5 132.9

166 122.8 92.7 172.1

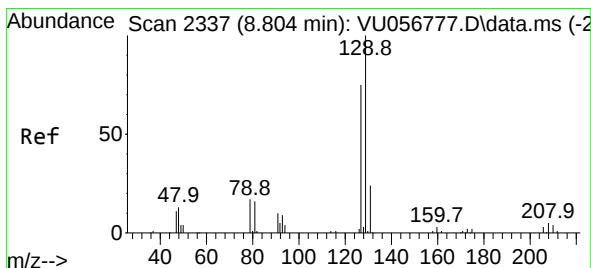
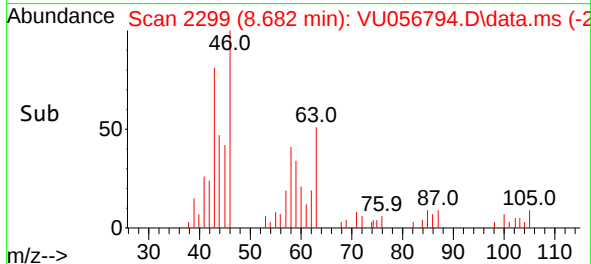
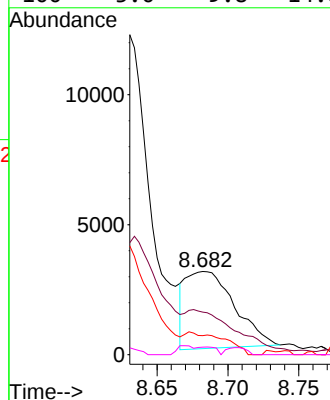
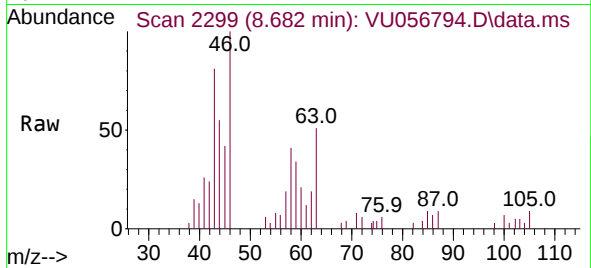




#48
2-Hexanone
Concen: 0.982 ug/L
RT: 8.682 min Scan# 2118
Delta R.T. 0.003 min
Lab File: VU056794.D
Acq: 12 Dec 2023 18:33

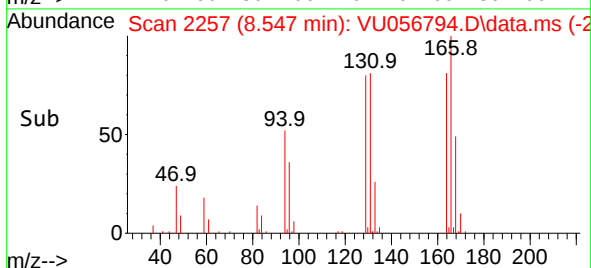
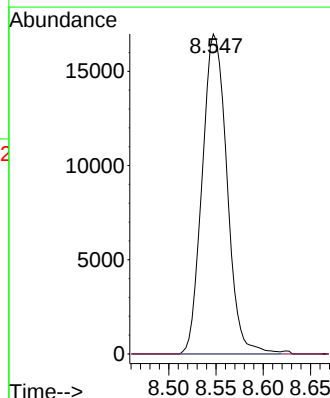
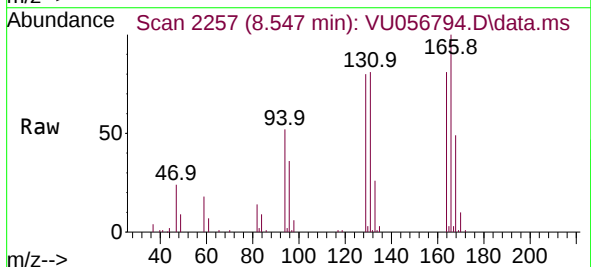
Instrument :
MSVOA_U
ClientSampleId :
H0AA2

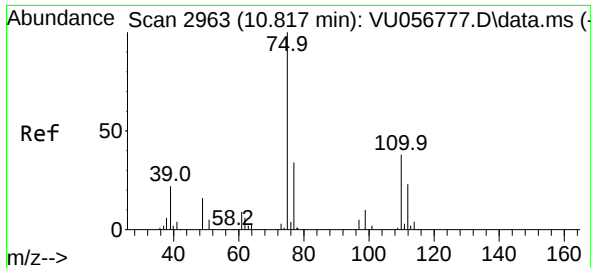
Tgt Ion: 43	Resp: 7118
Ion Ratio	Lower Upper
43	100
58	0.0 47.5 71.3#
57	0.0 17.0 25.4#
100	3.0 9.8 14.8#



#49
Dibromochloromethane
Concen: 1.861 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.257 min
Lab File: VU056794.D
Acq: 12 Dec 2023 18:33

Tgt Ion: 129	Resp: 30985
Ion Ratio	Lower Upper
129	100
127	0.0 53.9 100.1#





#61
 1,2,3-Trichloropropane
 Concen: 1.282 ug/L
 RT: 11.807 min Scan# 31
 Delta R.T. 0.991 min
 Lab File: VU056794.D
 Acq: 12 Dec 2023 18:33

Instrument :
 MSVOA_U
 ClientSampleId :
 H0AA2

Tgt Ion: 75 Resp: 14034
 Ion Ratio Lower Upper
 75 100
 110 2.2 28.4 42.6#
 77 33.3 26.3 39.5

