

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111323\
 Data File : VU056266.D
 Acq On : 13 Nov 2023 21:18
 Operator : MD/SY
 Sample : 05340-20RE
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 14 21:45:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 14 00:08:30 2023
 Response via : Initial Calibration

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

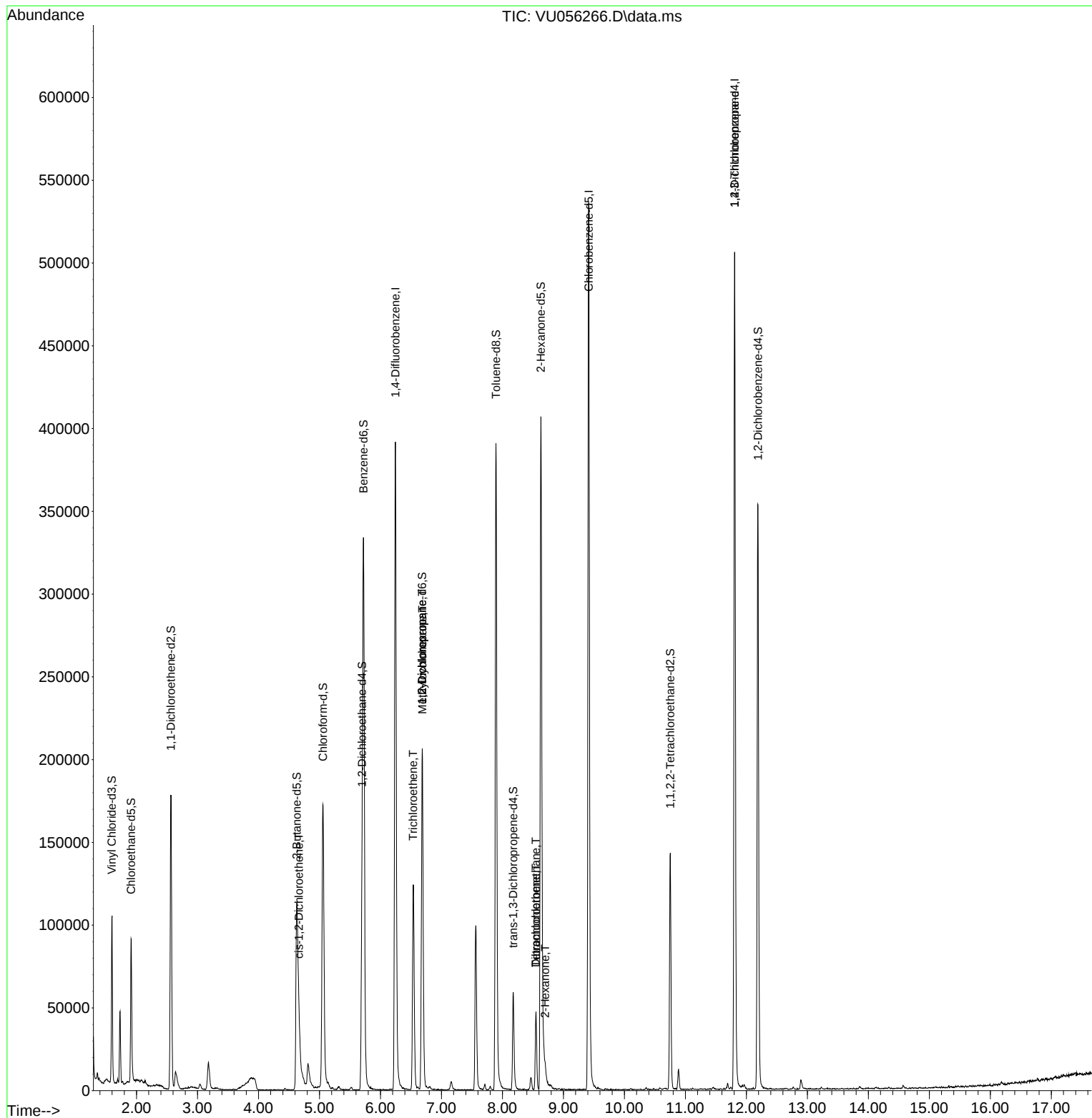
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	321998	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	314963	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	134341	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	70647	2.933	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	58.600%
7) Chloroethane-d5	1.910	69	63411	3.434	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	68.600%
11) 1,1-Dichloroethene-d2	2.563	65	34262	3.223	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.400%
20) 2-Butanone-d5	4.627	46	188982	39.351	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	78.700%
24) Chloroform-d	5.058	84	167070	3.586	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	71.800%
26) 1,2-Dichloroethane-d4	5.698	65	78306	3.638	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.800%
32) Benzene-d6	5.721	84	322456	3.436	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	68.800%#
36) 1,2-Dichloropropane-d6	6.685	67	101831	3.601	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	72.000%
41) Toluene-d8	7.894	98	270244	3.261	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	65.200%#
43) trans-1,3-Dichloroprop...	8.177	79	35538	3.276	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	65.600%
46) 2-Hexanone-d5	8.630	63	147226	34.539	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	69.080%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	74535	3.688	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	73.800%
66) 1,2-Dichlorobenzene-d4	12.190	152	94301	3.800	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	76.000%#
Target Compounds						
					Qvalue	
22) cis-1,2-Dichloroethene	4.663	96	3959	0.172	ug/L	88
34) Trichloroethene	6.537	95	45324	1.851	ug/L	97
35) Methylcyclohexane	6.688	83	23043	0.652	ug/L #	19
37) 1,2-Dichloropropane	6.685	63	11028	0.471	ug/L #	89
47) Tetrachloroethene	8.550	164	9485	0.574	ug/L	83
48) 2-Hexanone	8.701	43	8213	0.907	ug/L	95
49) Dibromochloromethane	8.550	129	10455	0.589	ug/L #	12
61) 1,2,3-Trichloropropane	11.807	75	17138	1.487	ug/L #	69

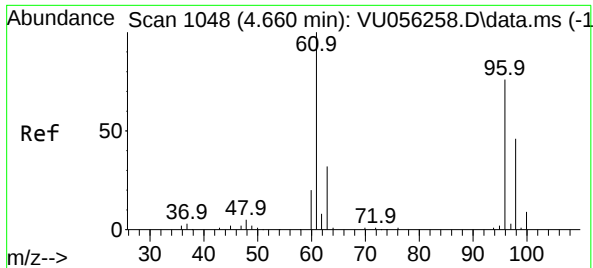
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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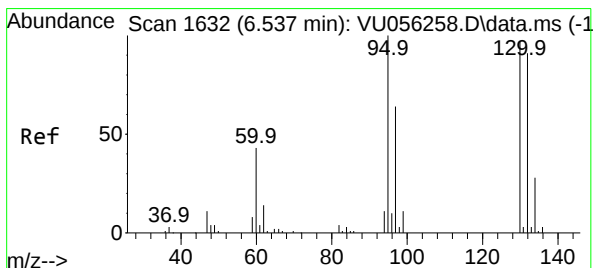
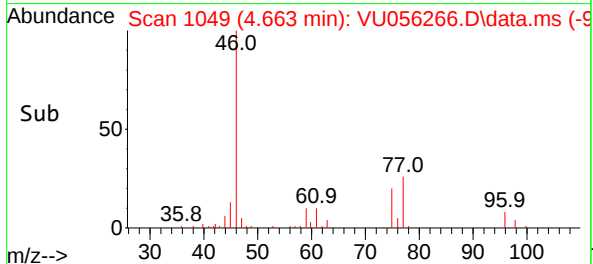
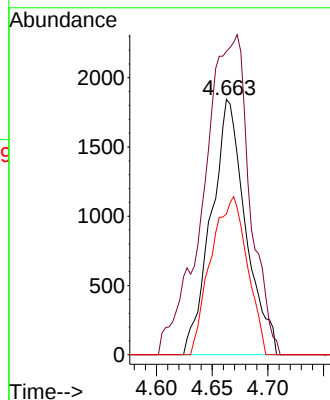
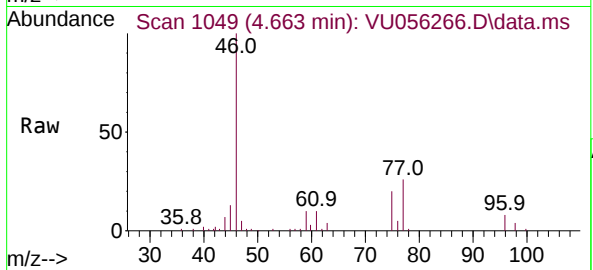




#22
 cis-1,2-Dichloroethene
 Concen: 0.172 ug/L
 RT: 4.663 min Scan# 1049
 Delta R.T. 0.003 min
 Lab File: VU056266.D
 Acq: 13 Nov 2023 21:18

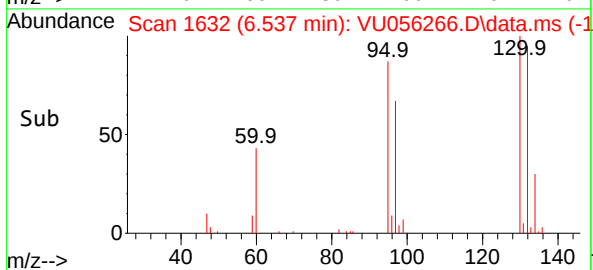
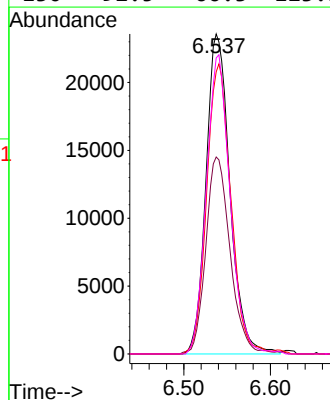
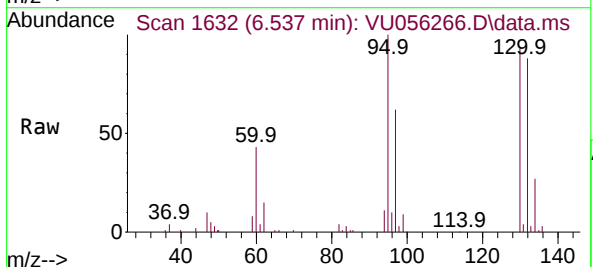
Instrument :
 MSVOA_U
 ClientSampleId :

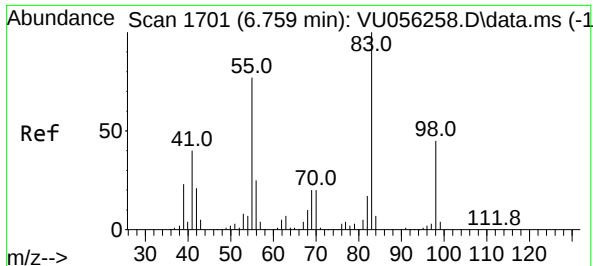
Tgt Ion: 96 Resp: 3959
 Ion Ratio Lower Upper
 96 100
 61 118.8 93.2 173.2
 98 55.1 44.8 83.2



#34
 Trichloroethene
 Concen: 1.851 ug/L
 RT: 6.537 min Scan# 1632
 Delta R.T. -0.000 min
 Lab File: VU056266.D
 Acq: 13 Nov 2023 21:18

Tgt Ion: 95 Resp: 45324
 Ion Ratio Lower Upper
 95 100
 97 61.6 46.5 86.3
 132 88.2 62.0 115.2
 130 92.5 66.3 123.1





#35

Methylcyclohexane

Concen: 0.652 ug/L

RT: 6.688 min Scan# 1

Delta R.T. -0.071 min

Lab File: VU056266.D

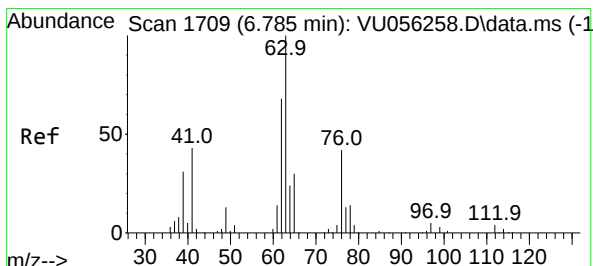
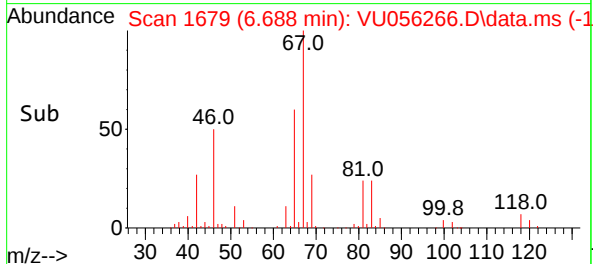
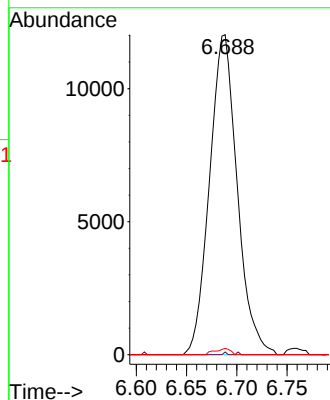
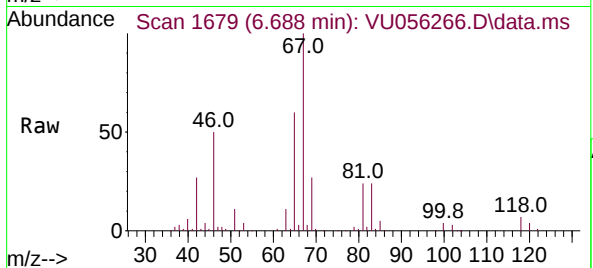
Acq: 13 Nov 2023 21:18

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp: 23043
Ion Ratio	Lower Upper
83 100	
55 0.1	62.9 94.3#
98 1.1	35.3 52.9#



#37

1,2-Dichloropropane

Concen: 0.471 ug/L

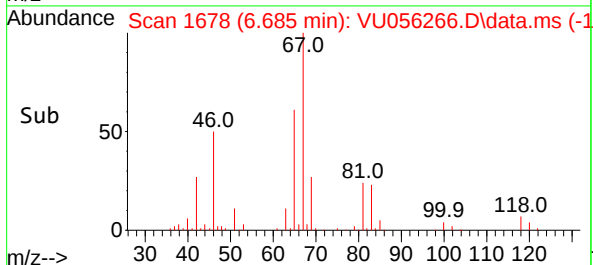
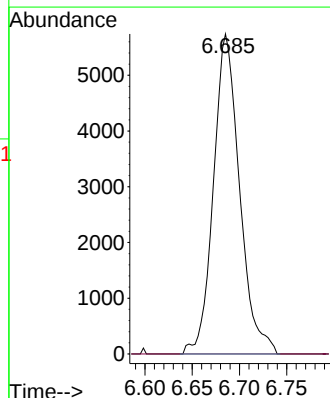
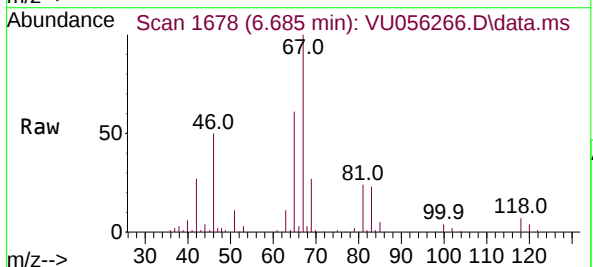
RT: 6.685 min Scan# 1678

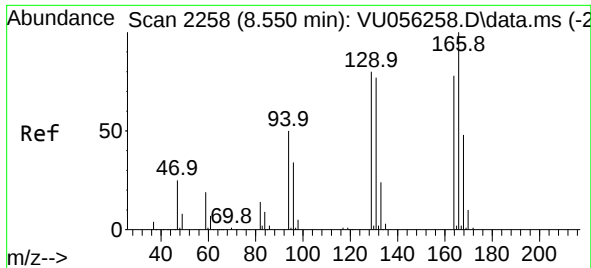
Delta R.T. -0.100 min

Lab File: VU056266.D

Acq: 13 Nov 2023 21:18

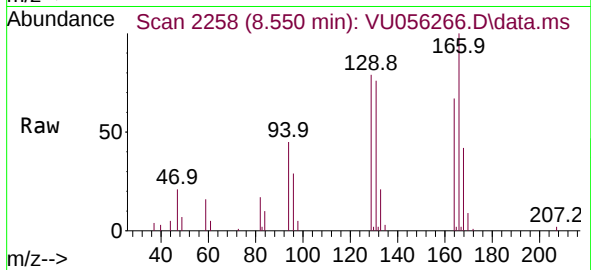
Tgt Ion: 63	Resp: 11028
Ion Ratio	Lower Upper
63 100	
112 0.4	3.2 4.8#





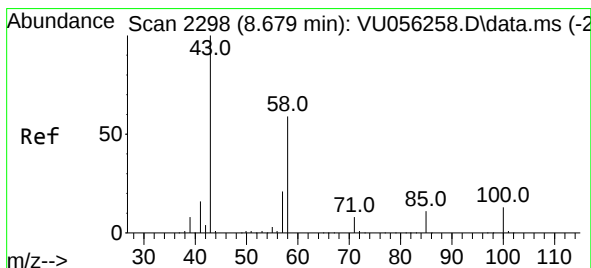
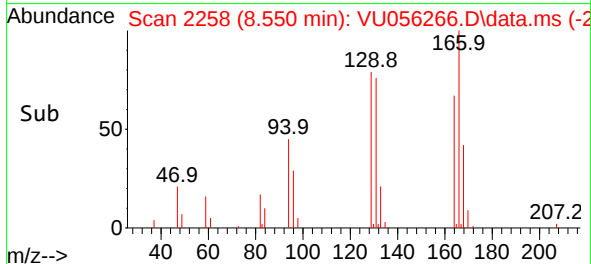
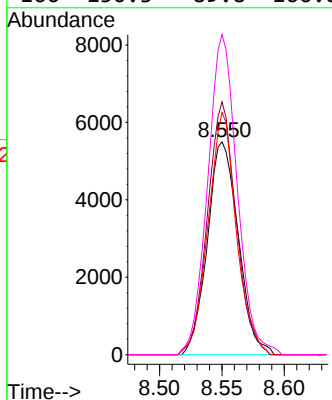
#47
Tetrachloroethene
Concen: 0.574 ug/L
RT: 8.550 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU056266.D
Acq: 13 Nov 2023 21:18

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:164 Resp: 9485

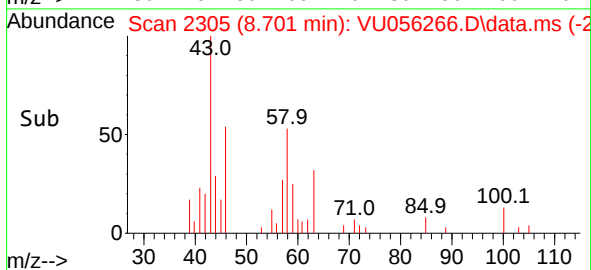
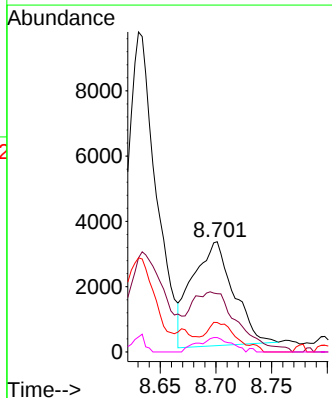
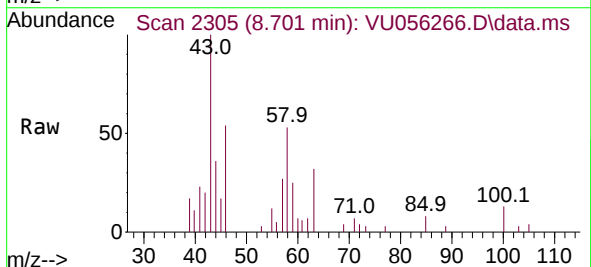
Ion	Ratio	Lower	Upper
164	100		
129	118.8	71.0	131.9
131	113.8	70.3	130.7
166	150.3	89.8	166.8

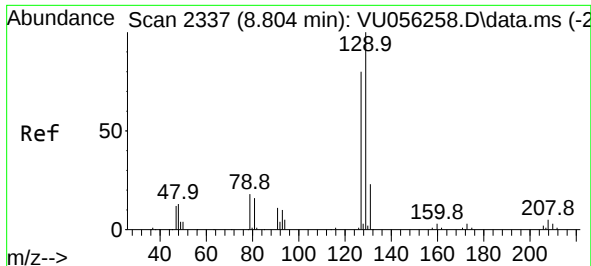


#48
2-Hexanone
Concen: 0.907 ug/L
RT: 8.701 min Scan# 2305
Delta R.T. 0.022 min
Lab File: VU056266.D
Acq: 13 Nov 2023 21:18

Tgt Ion: 43 Resp: 8213

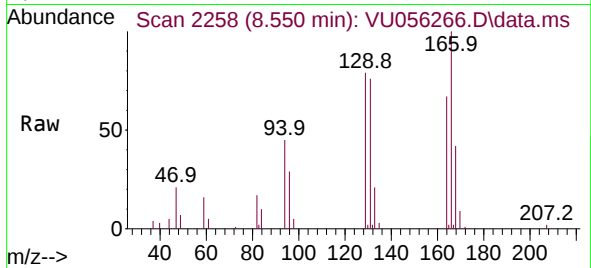
Ion	Ratio	Lower	Upper
43	100		
58	66.4	48.7	73.1
57	20.8	16.8	25.2
100	11.0	9.9	14.9



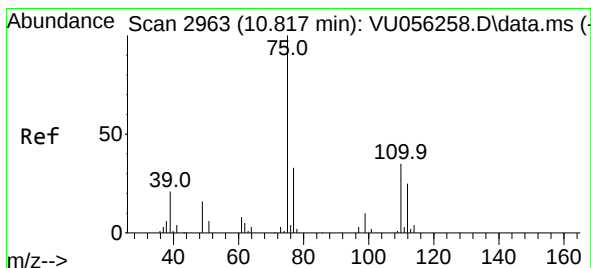
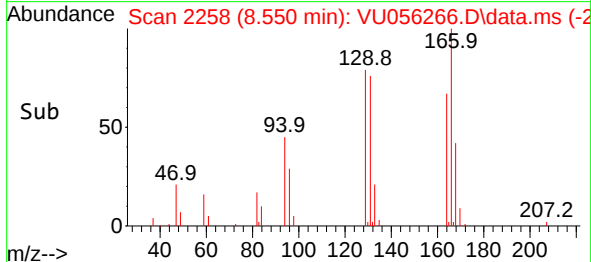
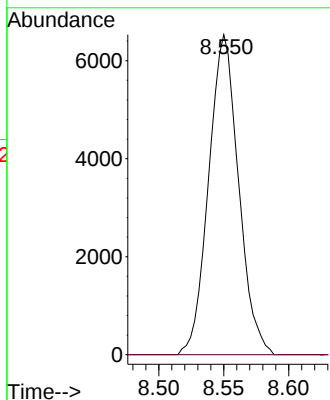


#49
Dibromochloromethane
Concen: 0.589 ug/L
RT: 8.550 min Scan# 21
Delta R.T. -0.254 min
Lab File: VU056266.D
Acq: 13 Nov 2023 21:18

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:129 Resp: 10455
Ion Ratio Lower Upper
129 100
127 0.0 52.9 98.3#



#61
1,2,3-Trichloropropane
Concen: 1.487 ug/L
RT: 11.807 min Scan# 3271
Delta R.T. 0.990 min
Lab File: VU056266.D
Acq: 13 Nov 2023 21:18

Tgt Ion: 75 Resp: 17138
Ion Ratio Lower Upper
75 100
110 3.2 30.4 45.6#
77 33.2 27.0 40.6

