

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111323\
 Data File : VU056276.D
 Acq On : 14 Nov 2023 01:20
 Operator : MD/SY
 Sample : 05372-05
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 14 21:47:55 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)

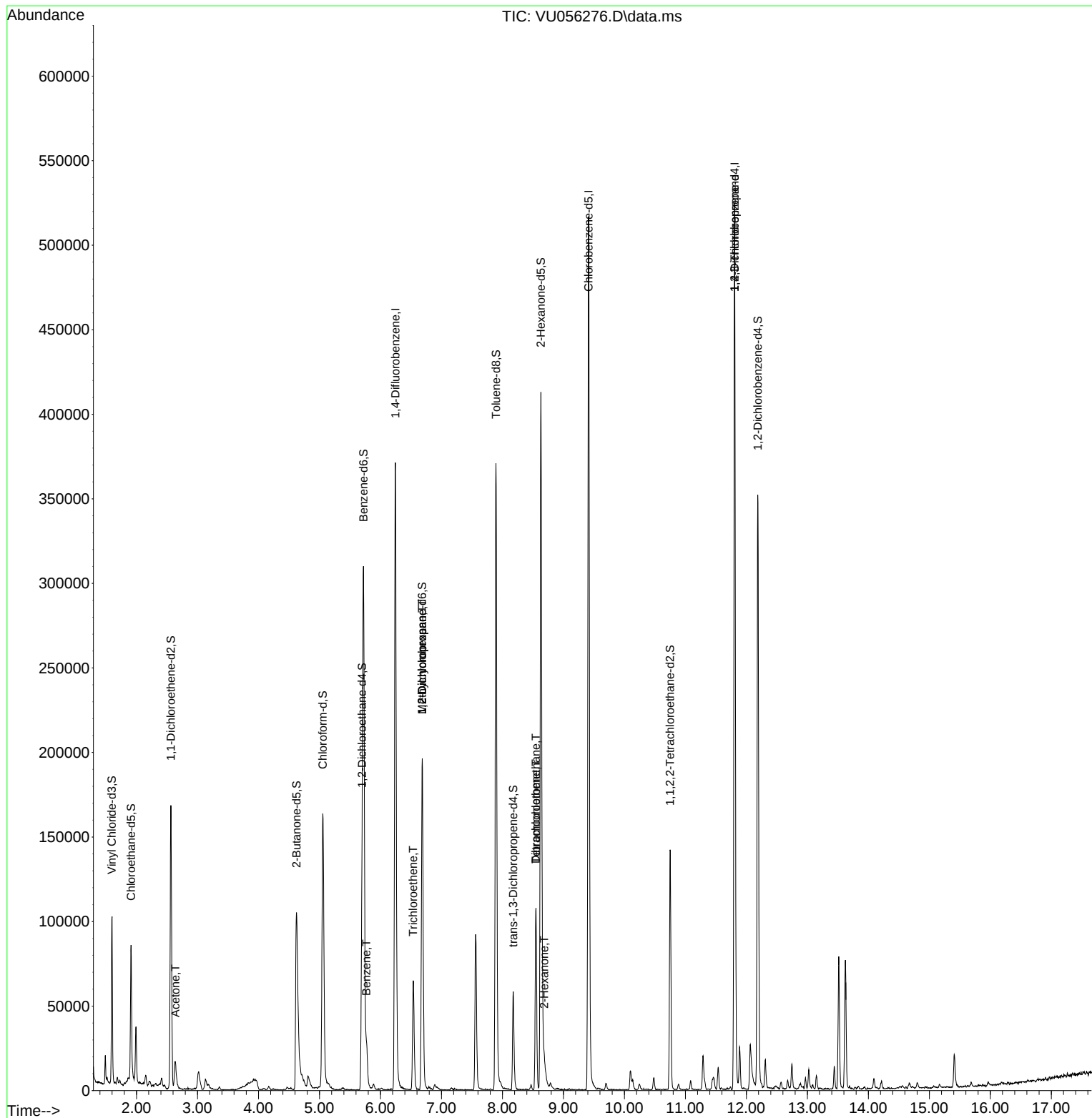
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	306249	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	300737	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	133587	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	65131	2.843	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	56.800%
7) Chloroethane-d5	1.911	69	56186	3.199	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	64.000%#
11) 1,1-Dichloroethene-d2	2.563	65	32648	3.230	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.600%
20) 2-Butanone-d5	4.624	46	178763	39.138	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	78.280%
24) Chloroform-d	5.055	84	154107	3.478	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	69.600%#
26) 1,2-Dichloroethane-d4	5.698	65	75054	3.666	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.400%
32) Benzene-d6	5.721	84	302995	3.382	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	67.600%#
36) 1,2-Dichloropropane-d6	6.685	67	96407	3.570	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	71.400%
41) Toluene-d8	7.894	98	260322	3.290	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	65.800%#
43) trans-1,3-Dichloroprop...	8.177	79	34139	3.296	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	66.000%
46) 2-Hexanone-d5	8.631	63	145766	35.814	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	71.620%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	72086	3.736	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	74.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	94028	3.810	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	76.200%#
Target Compounds						Qvalue
13) Acetone	2.637	43	25042	6.437	ug/L	96
33) Benzene	5.769	78	23096	0.269	ug/L	100
34) Trichloroethene	6.537	95	23113	0.989	ug/L	96
35) Methylcyclohexane	6.685	83	21584	0.639	ug/L #	19
37) 1,2-Dichloropropane	6.685	63	10537	0.471	ug/L #	88
47) Tetrachloroethene	8.550	164	23550	1.494	ug/L	96
48) 2-Hexanone	8.685	43	9949	1.151	ug/L #	45
49) Dibromochloromethane	8.550	129	24175	1.426	ug/L #	12
61) 1,2,3-Trichloropropane	11.807	75	17650	1.540	ug/L #	66

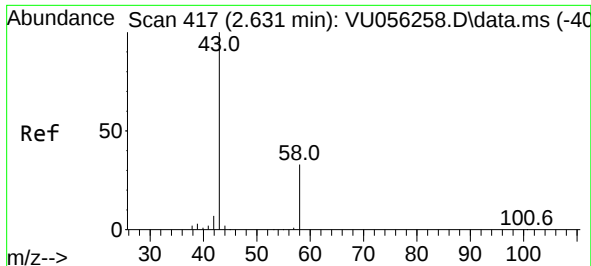
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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Quant Time: Nov 14 21:47:55 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





#13

Acetone

Concen: 6.437 ug/L

RT: 2.637 min Scan# 41

Delta R.T. 0.006 min

Lab File: VU056276.D

Acq: 14 Nov 2023 01:20

Instrument :

MSVOA_U

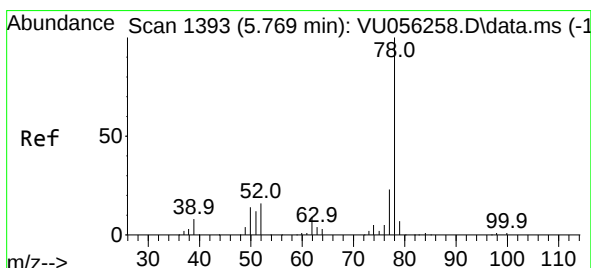
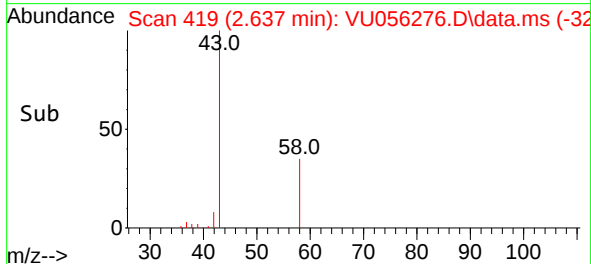
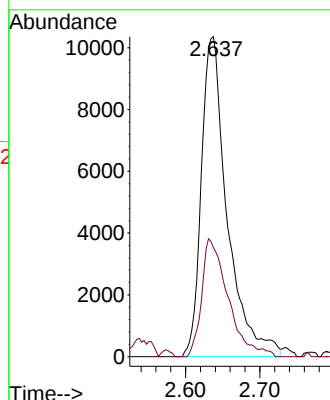
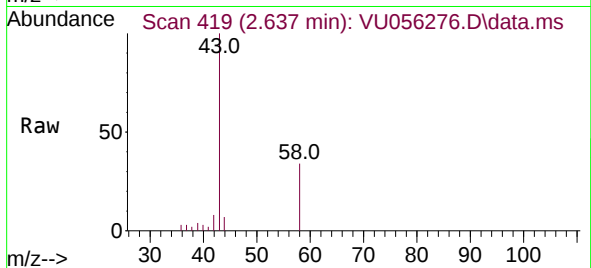
ClientSampleId :

Tgt Ion: 43 Resp: 25042

Ion Ratio Lower Upper

43 100

58 37.5 0.0 70.0



#33

Benzene

Concen: 0.269 ug/L

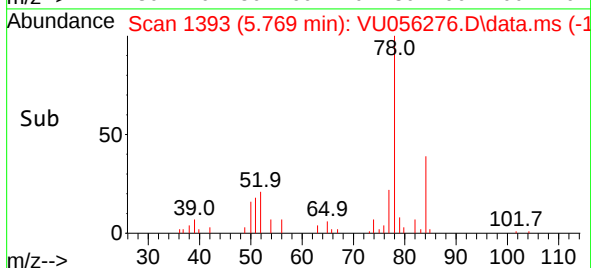
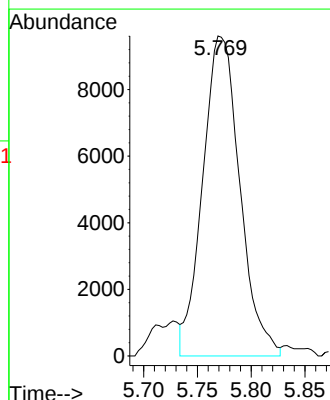
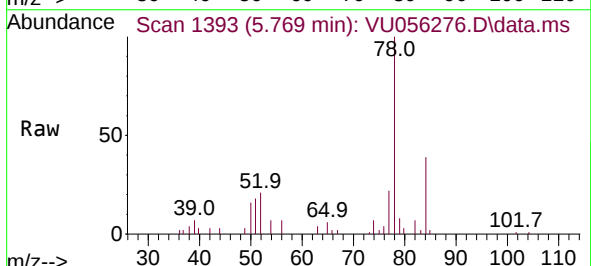
RT: 5.769 min Scan# 1393

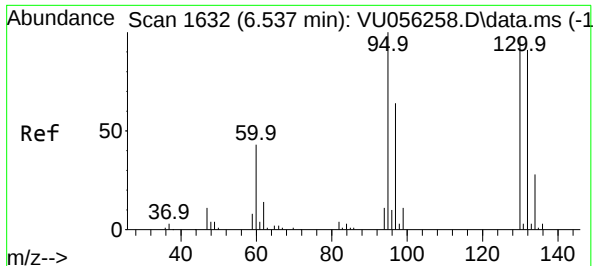
Delta R.T. 0.000 min

Lab File: VU056276.D

Acq: 14 Nov 2023 01:20

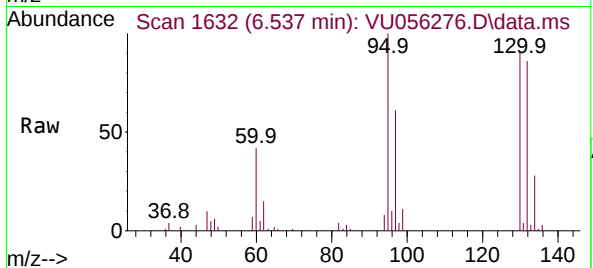
Tgt Ion: 78 Resp: 23096





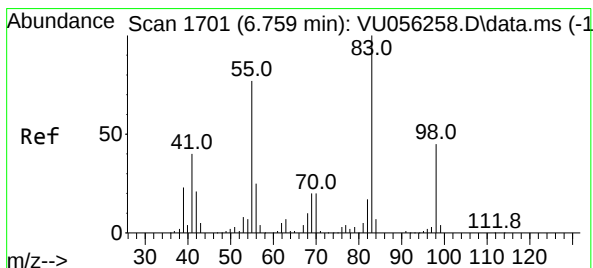
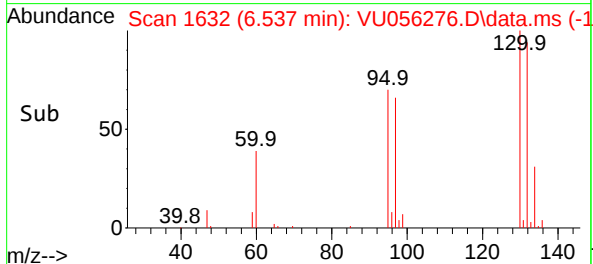
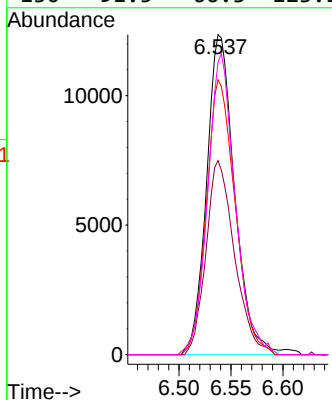
#34
Trichloroethene
Concen: 0.989 ug/L
RT: 6.537 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU056276.D
Acq: 14 Nov 2023 01:20

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 95 Resp: 23113

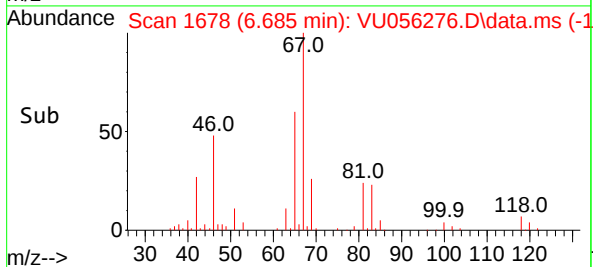
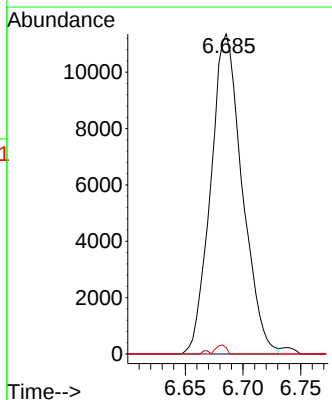
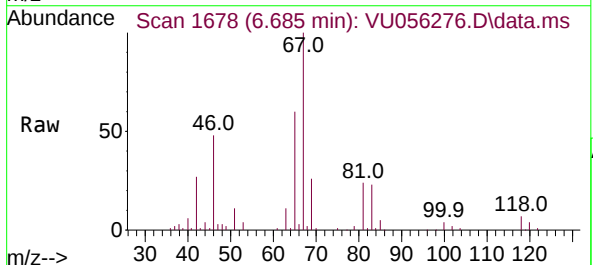
Ion	Ratio	Lower	Upper
95	100		
97	60.7	46.5	86.3
132	85.9	62.0	115.2
130	91.5	66.3	123.1

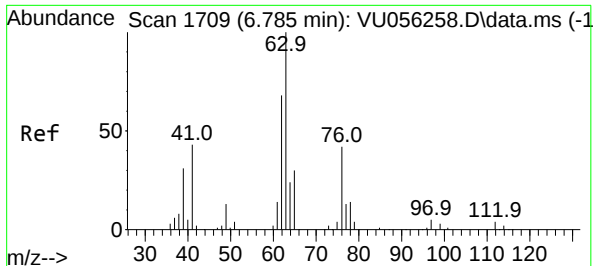


#35
Methylcyclohexane
Concen: 0.639 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.074 min
Lab File: VU056276.D
Acq: 14 Nov 2023 01:20

Tgt Ion: 83 Resp: 21584

Ion	Ratio	Lower	Upper
83	100		
55	0.2	62.9	94.3#
98	0.9	35.3	52.9#

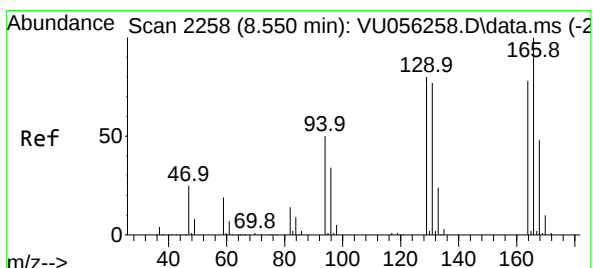
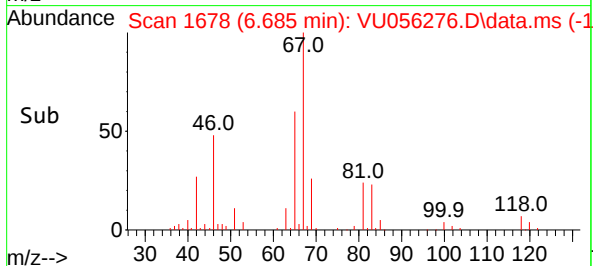
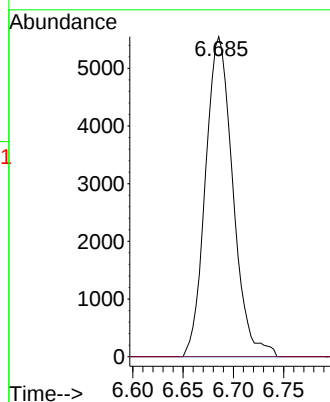
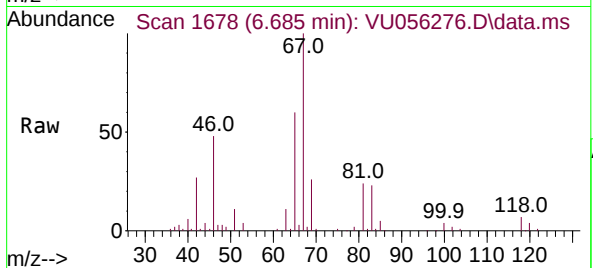




#37
1,2-Dichloropropane
Concen: 0.471 ug/L
RT: 6.685 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU056276.D
Acq: 14 Nov 2023 01:20

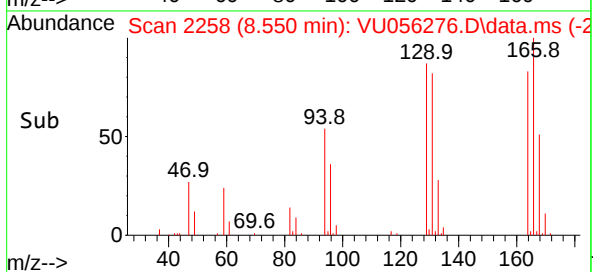
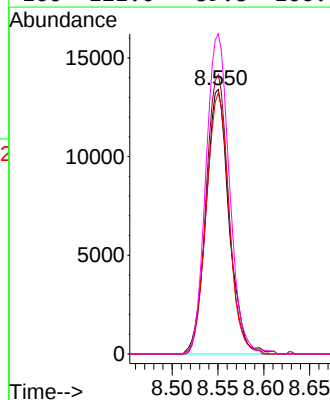
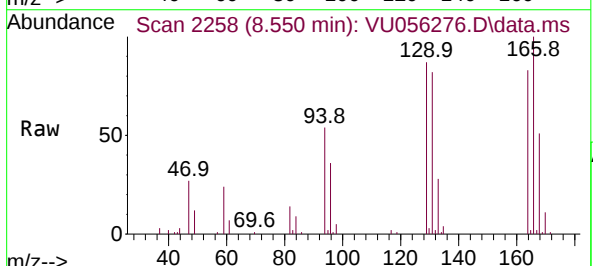
Instrument :
MSVOA_U
ClientSampleId :

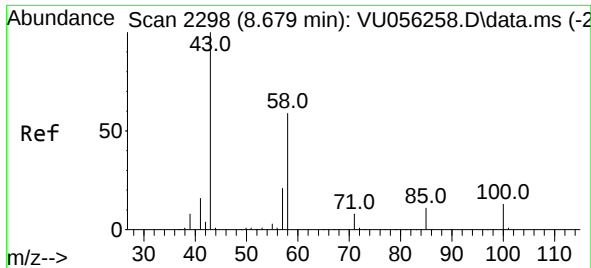
Tgt Ion: 63 Resp: 10537
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#



#47
Tetrachloroethene
Concen: 1.494 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. 0.000 min
Lab File: VU056276.D
Acq: 14 Nov 2023 01:20

Tgt Ion:164 Resp: 23550
Ion Ratio Lower Upper
164 100
129 105.6 71.0 131.9
131 98.7 70.3 130.7
166 121.0 89.8 166.8

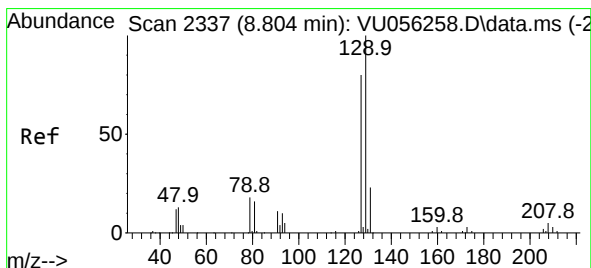
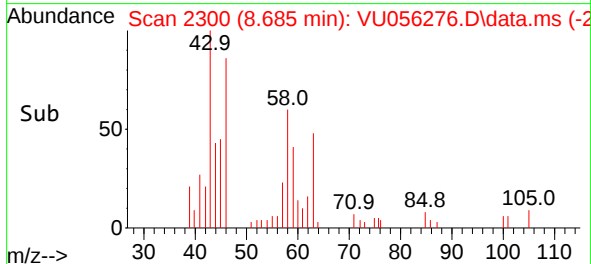
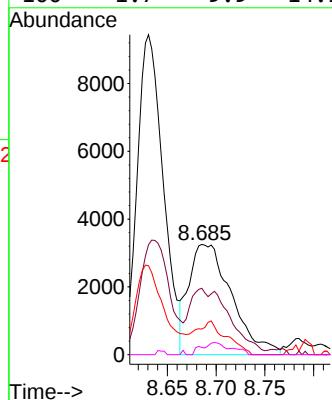
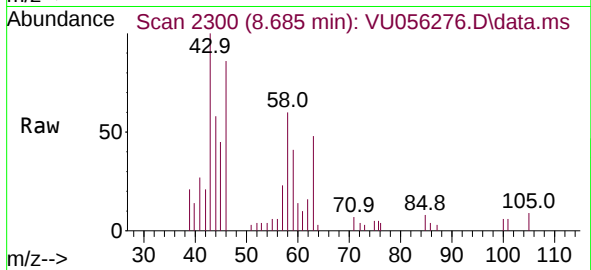




#48
2-Hexanone
Concen: 1.151 ug/L
RT: 8.685 min Scan# 21
Delta R.T. 0.006 min
Lab File: VU056276.D
Acq: 14 Nov 2023 01:20

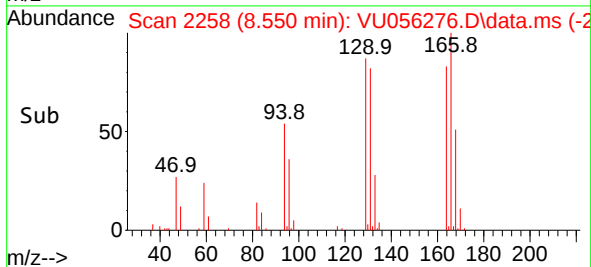
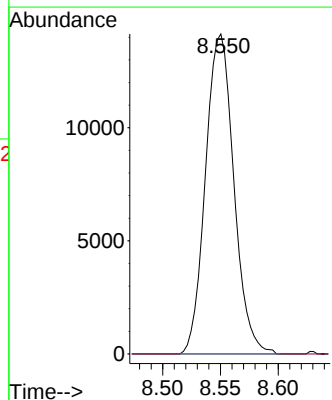
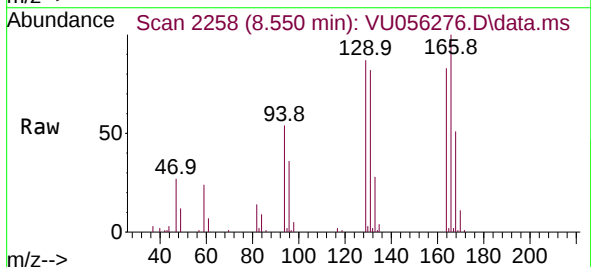
Instrument :
MSVOA_U
ClientSampleId :

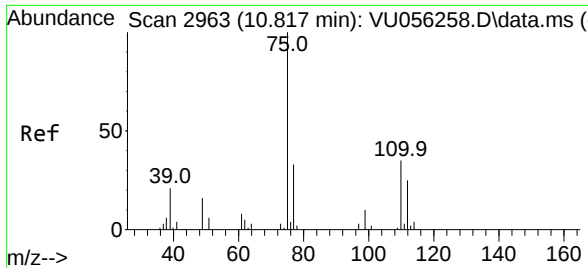
Tgt Ion: 43 Resp: 9949
Ion Ratio Lower Upper
43 100
58 11.6 48.7 73.1#
57 0.0 16.8 25.2#
100 1.7 9.9 14.9#



#49
Dibromochloromethane
Concen: 1.426 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. -0.254 min
Lab File: VU056276.D
Acq: 14 Nov 2023 01:20

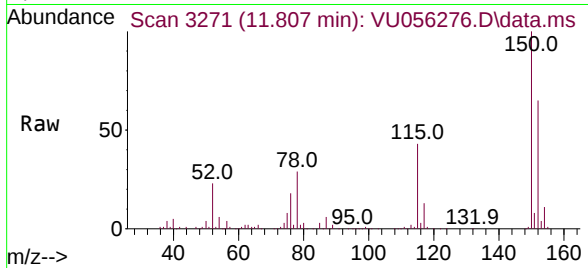
Tgt Ion:129 Resp: 24175
Ion Ratio Lower Upper
129 100
127 0.0 52.9 98.3#





#61
 1,2,3-Trichloropropane
 Concen: 1.540 ug/L
 RT: 11.807 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU056276.D
 Acq: 14 Nov 2023 01:20

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 17650
 Ion Ratio Lower Upper
 75 100
 110 2.5 30.4 45.6#
 77 30.2 27.0 40.6

