

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111123\
 Data File : VU056219.D
 Acq On : 11 Nov 2023 16:03
 Operator : MD/SY
 Sample : 05340-20RE
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 11 20:22:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR110723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 11 20:19:10 2023
 Response via : Initial Calibration

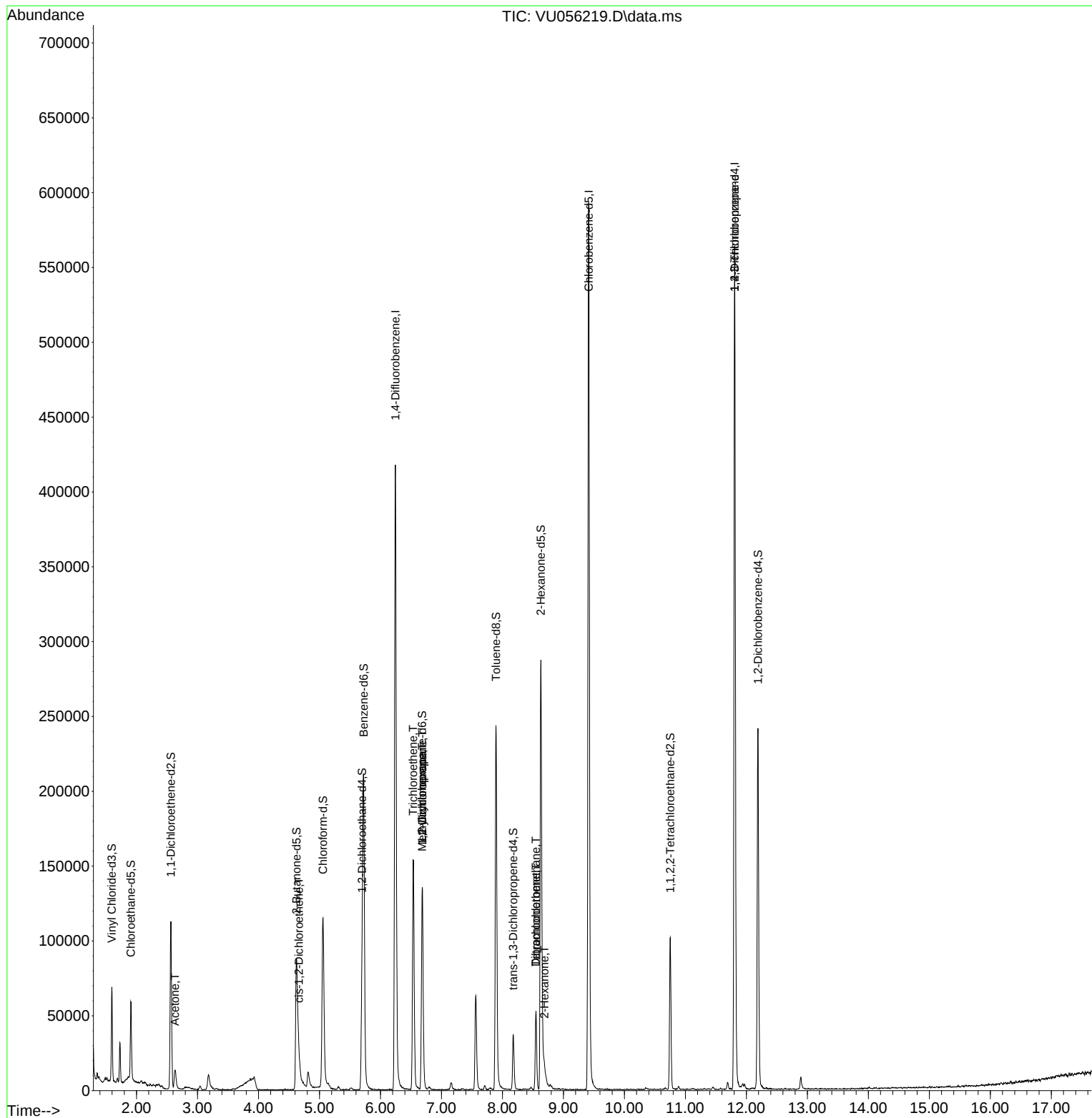
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	359398	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	358744	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	159023	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	44657	2.002	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	40.000%
7) Chloroethane-d5	1.907	69	38118	2.518	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	50.400%#
11) 1,1-Dichloroethene-d2	2.563	65	20600	2.096	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	42.000%#
20) 2-Butanone-d5	4.624	46	128443	35.096	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	70.200%
24) Chloroform-d	5.058	84	110662	2.606	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	52.200%#
26) 1,2-Dichloroethane-d4	5.698	65	53082	2.839	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	56.800%#
32) Benzene-d6	5.724	84	210222	2.440	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	48.800%#
36) 1,2-Dichloropropane-d6	6.685	67	67920	2.678	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	53.600%#
41) Toluene-d8	7.894	98	174812	2.214	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	44.200%#
43) trans-1,3-Dichloroprop...	8.177	79	22817	2.354	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	47.000%#
46) 2-Hexanone-d5	8.631	63	101779	32.030	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	64.060%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	52593	2.905	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	58.200%#
66) 1,2-Dichlorobenzene-d4	12.190	152	68362	2.788	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	55.800%#
Target Compounds						
					Qvalue	
13) Acetone	2.631	43	18253	6.763	ug/L	99
22) cis-1,2-Dichloroethene	4.663	96	4520	0.171	ug/L	94
34) Trichloroethene	6.537	95	55338	1.972	ug/L	94
35) Methylcyclohexane	6.682	83	17453	0.419	ug/L #	23
37) 1,2-Dichloropropane	6.689	63	6832	0.256	ug/L #	89
47) Tetrachloroethene	8.550	164	11902	0.565	ug/L	96
48) 2-Hexanone	8.688	43	7346	0.864	ug/L #	94
49) Dibromochloromethane	8.550	129	11227	0.536	ug/L #	10
61) 1,2,3-Trichloropropane	11.807	75	18952	1.381	ug/L #	68

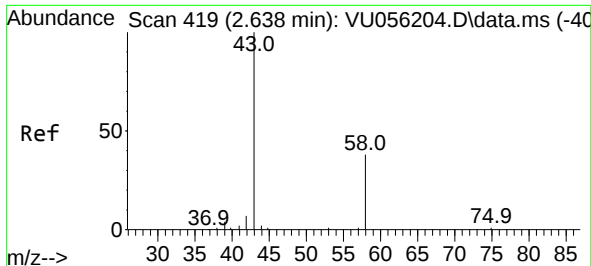
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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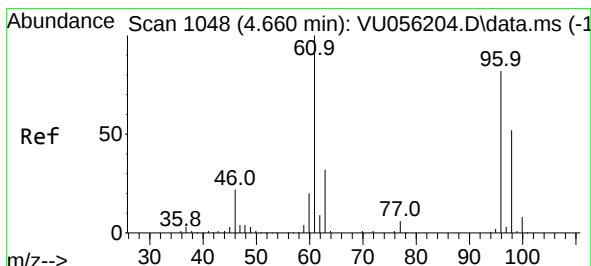
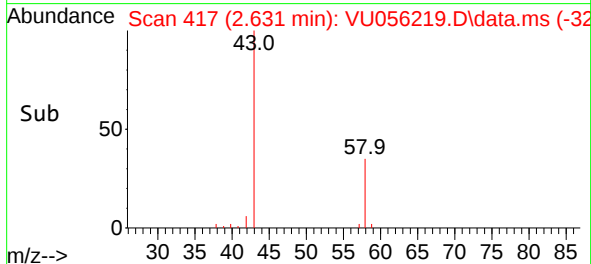
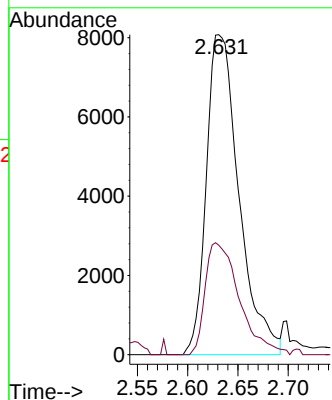
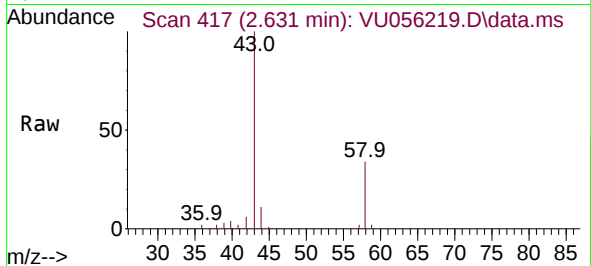




#13
Acetone
Concen: 6.763 ug/L
RT: 2.631 min Scan# 41
Delta R.T. -0.007 min
Lab File: VU056219.D
Acq: 11 Nov 2023 16:03

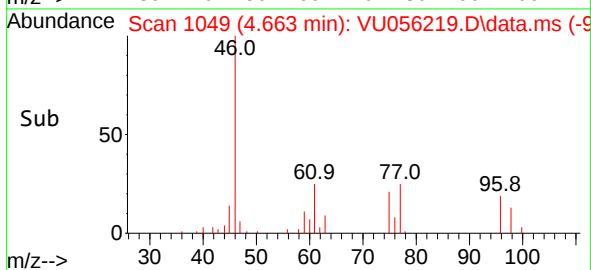
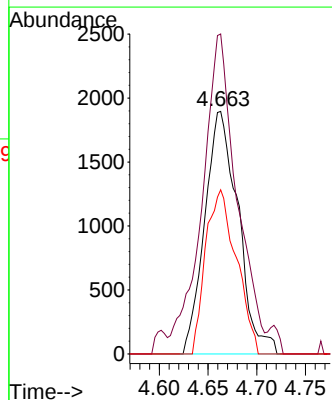
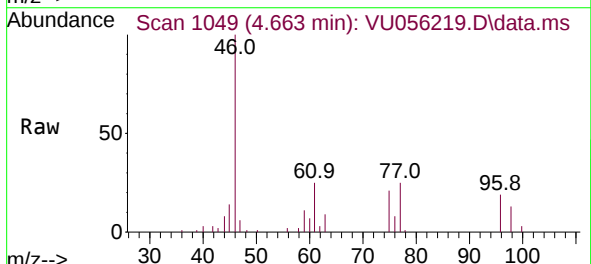
Instrument :
MSVOA_U
ClientSampleId :

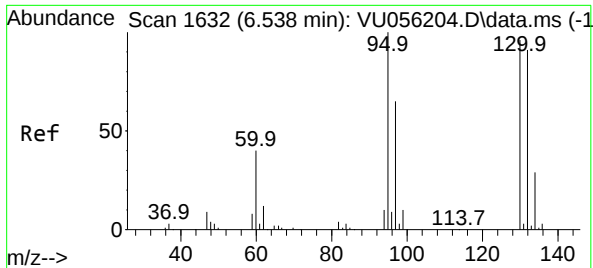
Tgt Ion: 43 Resp: 18253
Ion Ratio Lower Upper
43 100
58 36.6 0.0 74.4



#22
cis-1,2-Dichloroethene
Concen: 0.171 ug/L
RT: 4.663 min Scan# 1049
Delta R.T. 0.003 min
Lab File: VU056219.D
Acq: 11 Nov 2023 16:03

Tgt Ion: 96 Resp: 4520
Ion Ratio Lower Upper
96 100
61 131.9 87.8 163.2
98 67.7 43.5 80.7

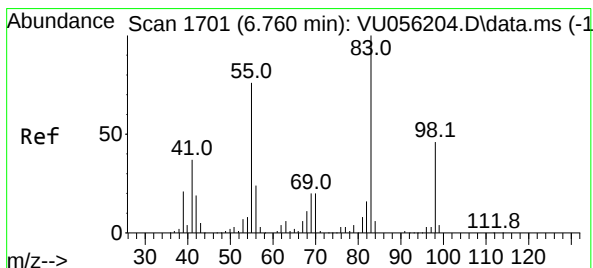
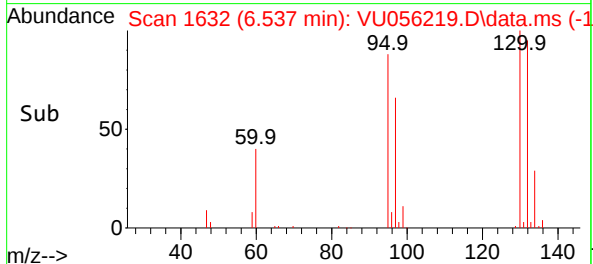
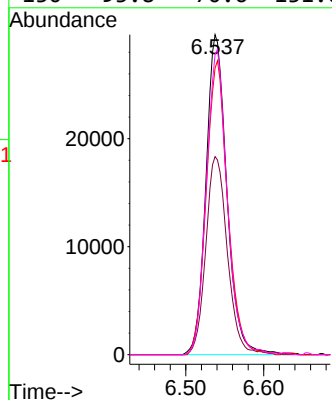
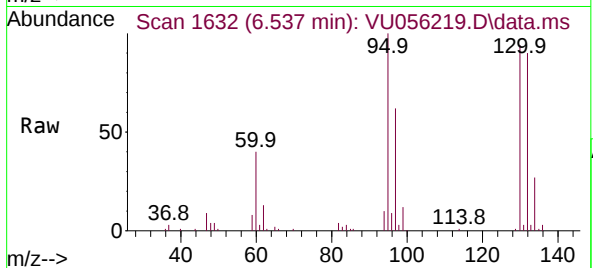




#34
Trichloroethene
Concen: 1.972 ug/L
RT: 6.537 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VU056219.D
Acq: 11 Nov 2023 16:03

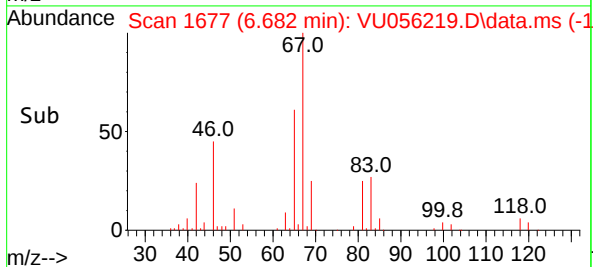
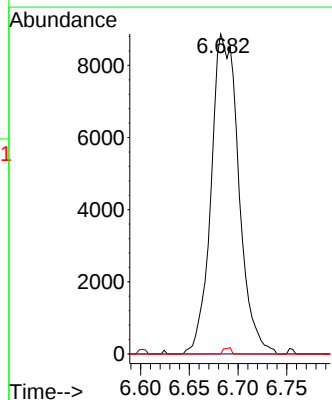
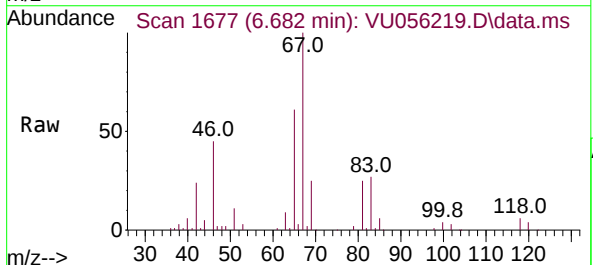
Instrument :
MSVOA_U
ClientSampleId :

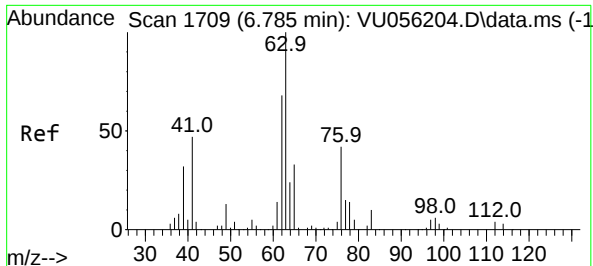
Tgt Ion: 95 Resp: 55338
Ion Ratio Lower Upper
95 100
97 61.9 46.8 87.0
132 89.5 66.5 123.5
130 93.8 70.6 131.0



#35
Methylcyclohexane
Concen: 0.419 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.078 min
Lab File: VU056219.D
Acq: 11 Nov 2023 16:03

Tgt Ion: 83 Resp: 17453
Ion Ratio Lower Upper
83 100
55 0.4 60.6 91.0#
98 6.2 36.2 54.4#





#37

1,2-Dichloropropane

Concen: 0.256 ug/L

RT: 6.689 min Scan# 1

Delta R.T. -0.097 min

Lab File: VU056219.D

Acq: 11 Nov 2023 16:03

Instrument :

MSVOA_U

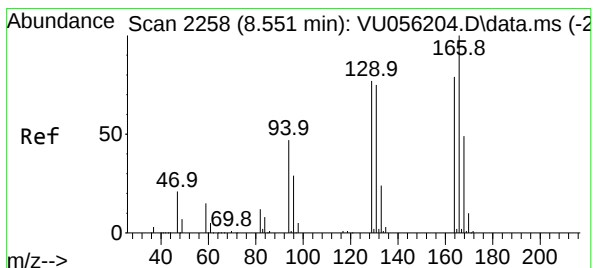
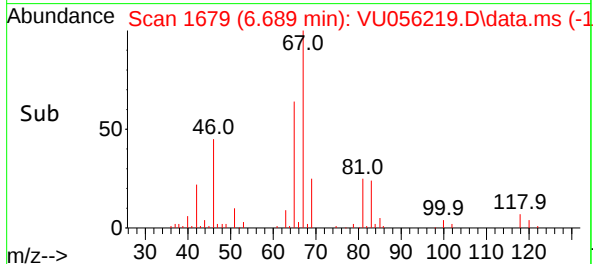
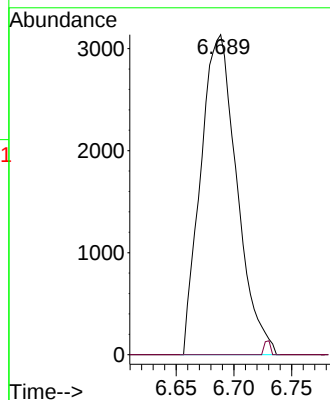
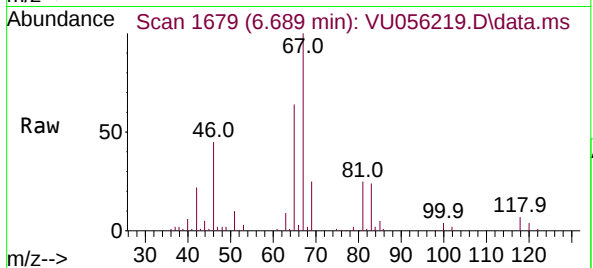
ClientSampleId :

Tgt Ion: 63 Resp: 6832

Ion Ratio Lower Upper

63 100

112 0.7 3.4 5.2#



#47

Tetrachloroethene

Concen: 0.565 ug/L

RT: 8.550 min Scan# 2258

Delta R.T. -0.000 min

Lab File: VU056219.D

Acq: 11 Nov 2023 16:03

Tgt Ion:164 Resp: 11902

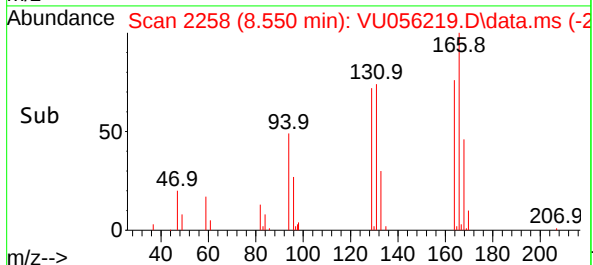
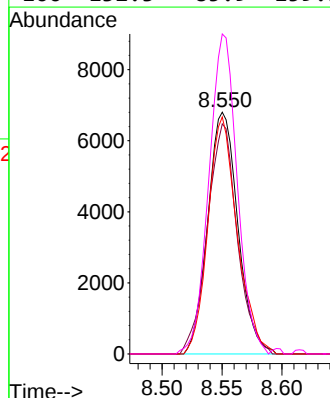
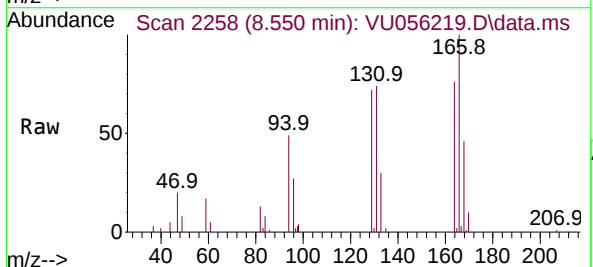
Ion Ratio Lower Upper

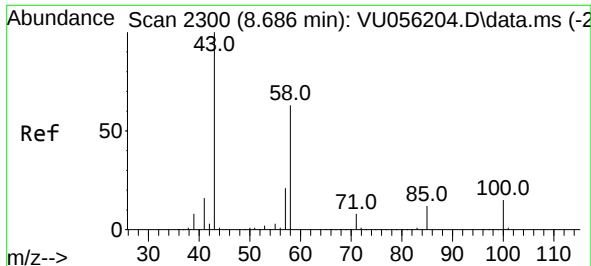
164 100

129 95.1 66.6 123.8

131 98.0 67.8 126.0

166 132.3 85.9 159.5





#48

2-Hexanone

Concen: 0.864 ug/L

RT: 8.688 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU056219.D

Acq: 11 Nov 2023 16:03

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 43 Resp: 7346

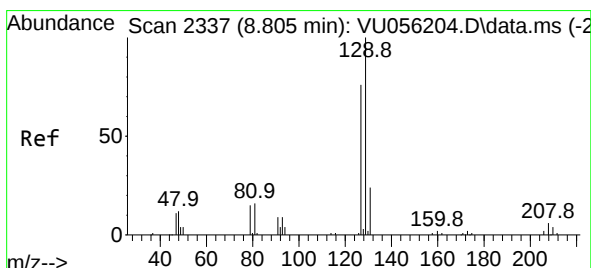
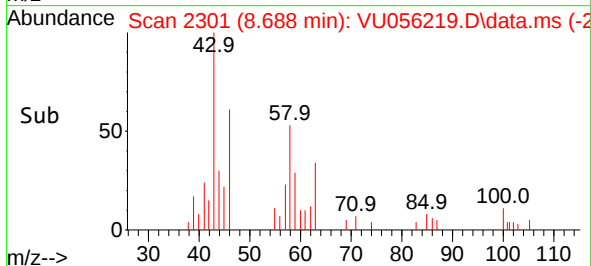
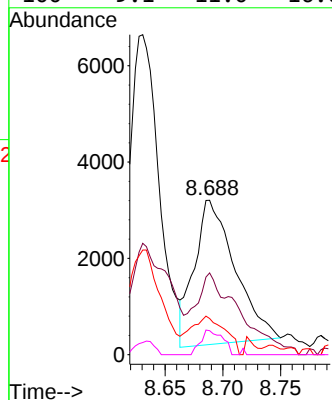
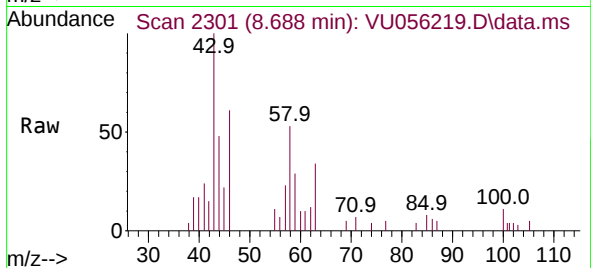
Ion Ratio Lower Upper

43 100

58 60.5 52.0 78.0

57 22.6 17.4 26.2

100 9.1 11.0 16.6#



#49

Dibromochloromethane

Concen: 0.536 ug/L

RT: 8.550 min Scan# 2258

Delta R.T. -0.254 min

Lab File: VU056219.D

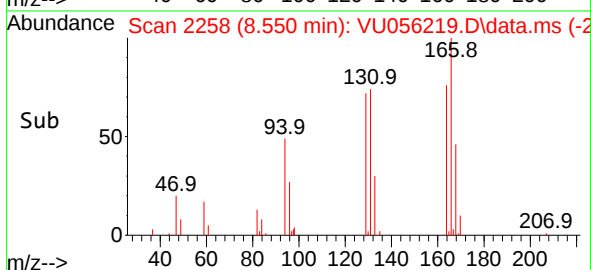
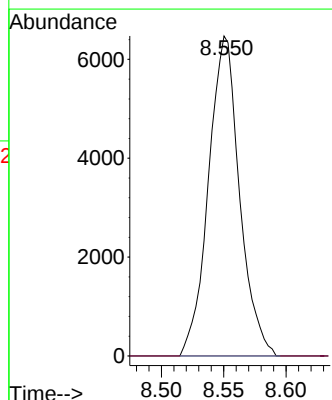
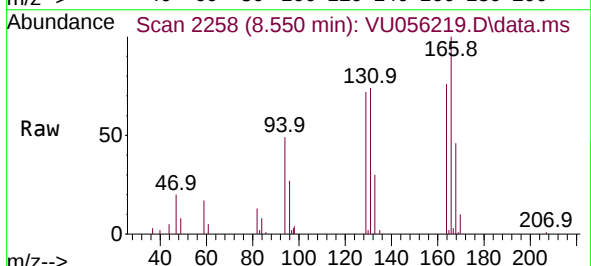
Acq: 11 Nov 2023 16:03

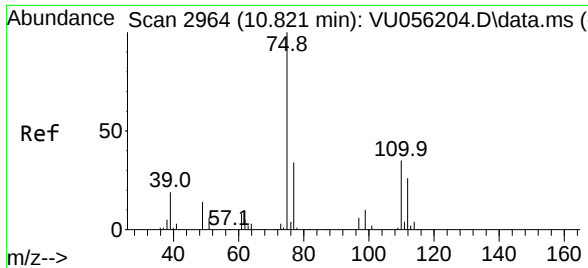
Tgt Ion:129 Resp: 11227

Ion Ratio Lower Upper

129 100

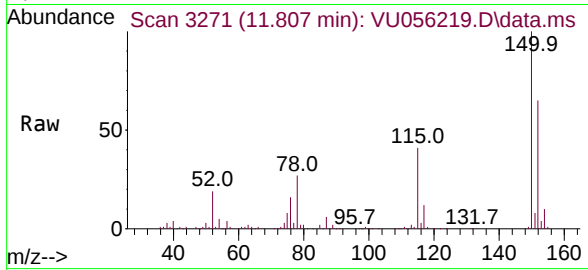
127 0.0 55.4 102.8#





#61
 1,2,3-Trichloropropane
 Concen: 1.381 ug/L
 RT: 11.807 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU056219.D
 Acq: 11 Nov 2023 16:03

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:	75	Resp:	18952
Ion	Ratio	Lower	Upper
75	100		
110	3.1	29.7	44.5#
77	33.0	25.5	38.3

