

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111123\
 Data File : VU056235.D
 Acq On : 11 Nov 2023 23:20
 Operator : MD/SY
 Sample : 05371-13
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GCDP0

Quant Time: Nov 12 00:46:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR110723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 11 22:15:12 2023
 Response via : Initial Calibration

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

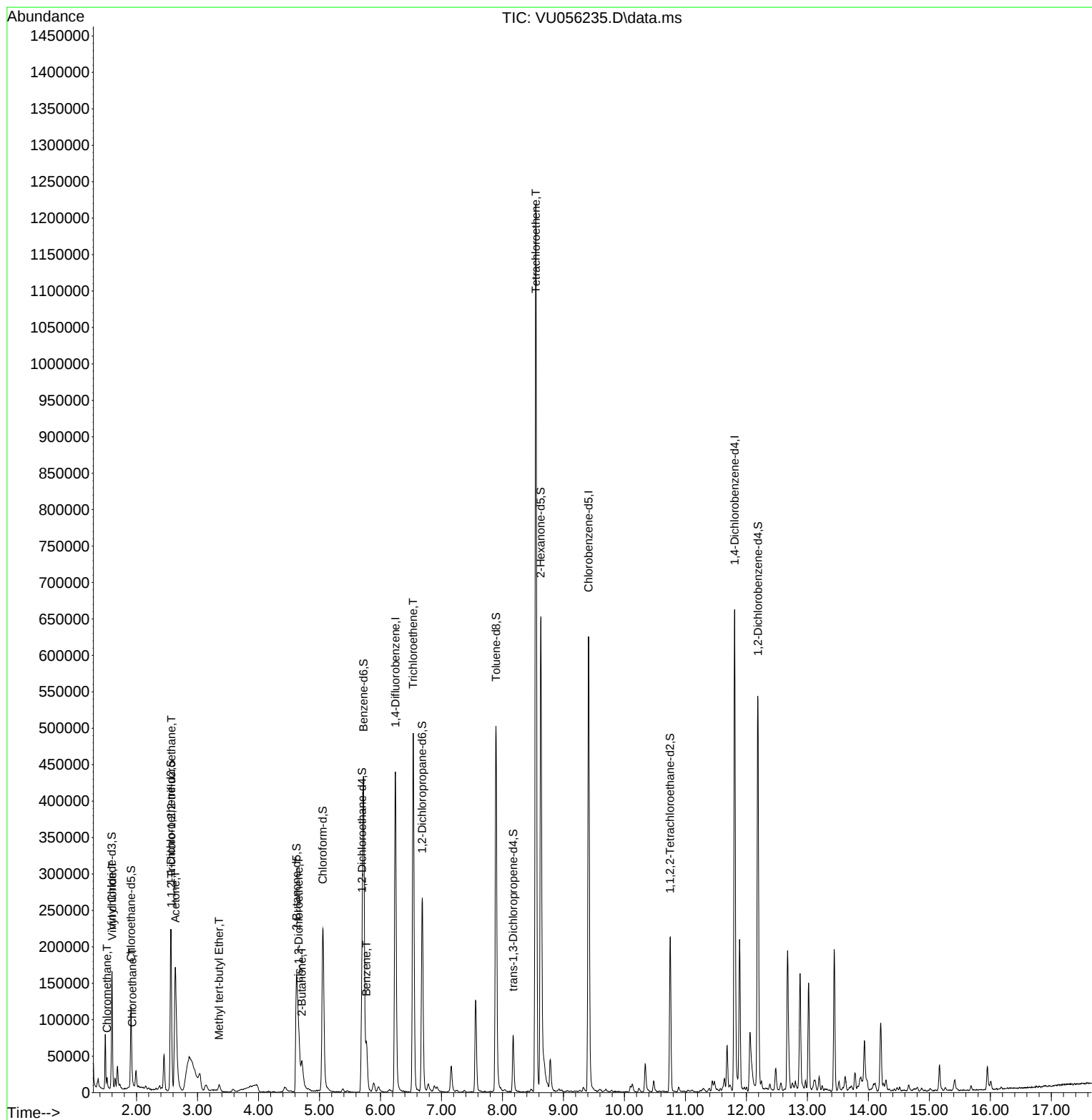
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	381086	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	377913	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	181626	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	85626	3.620	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.400%
7) Chloroethane-d5	1.911	69	78330	4.880	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.600%
11) 1,1-Dichloroethene-d2	2.563	65	40888	3.923	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.400%
20) 2-Butanone-d5	4.624	46	276754	71.318	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	142.640%#
24) Chloroform-d	5.055	84	222578	4.943	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.800%
26) 1,2-Dichloroethane-d4	5.698	65	105010	5.297	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.000%
32) Benzene-d6	5.721	84	431903	4.758	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.200%
36) 1,2-Dichloropropane-d6	6.685	67	136275	5.101	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.000%
41) Toluene-d8	7.894	98	356523	4.286	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.800%
43) trans-1,3-Dichloroprop...	8.177	79	48596	4.758	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.200%
46) 2-Hexanone-d5	8.627	63	235527	70.361	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	140.720%#
56) 1,1,2,2-Tetrachloroeth...	10.749	84	110564	5.798	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	116.000%
66) 1,2-Dichlorobenzene-d4	12.190	152	146970	5.247	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.000%
Target Compounds						Qvalue
3) Chloromethane	1.518	50	8890	0.294	ug/L	86
5) Vinyl chloride	1.602	62	29507	0.942	ug/L	98
8) Chloroethane	1.930	64	4281	0.252	ug/L	83
10) 1,1,2-Trichloro-1,2,2-...	2.570	101	4832	0.183	ug/L	89
13) Acetone	2.637	43	270894	94.656	ug/L	99
17) Methyl tert-butyl Ether	3.354	73	6920	0.125	ug/L #	66
21) 2-Butanone	4.711	43	64062	13.573	ug/L	97
22) cis-1,2-Dichloroethene	4.660	96	21346	0.762	ug/L	90
33) Benzene	5.769	78	68647	0.634	ug/L	100
34) Trichloroethene	6.537	95	176145	5.959	ug/L	98
47) Tetrachloroethene	8.550	164	274198	12.360	ug/L	97

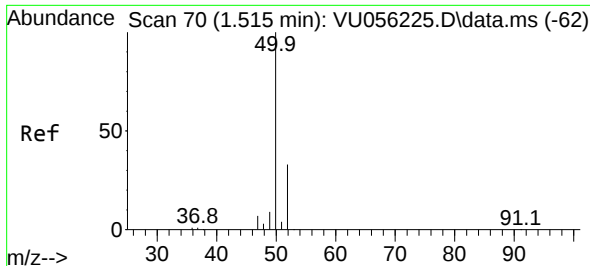
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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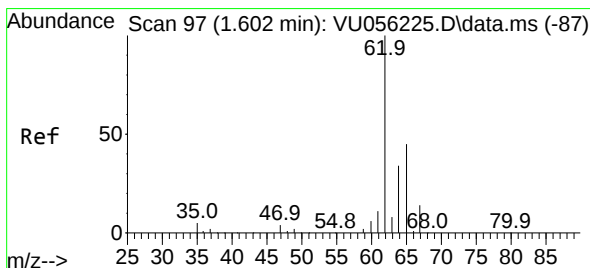
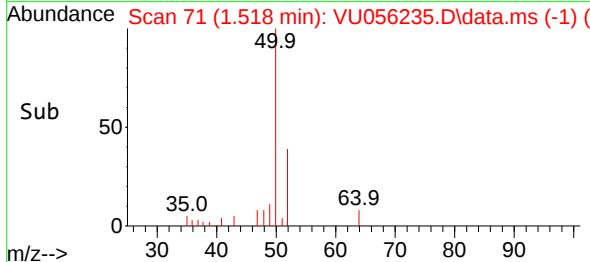
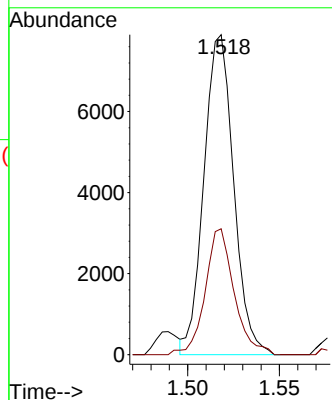
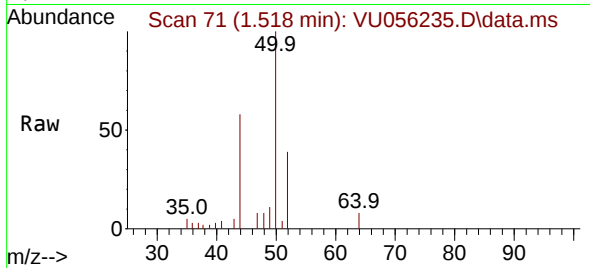




#3
Chloromethane
Concen: 0.294 ug/L
RT: 1.518 min Scan# 71
Delta R.T. 0.003 min
Lab File: VU056235.D
Acq: 11 Nov 2023 23:20

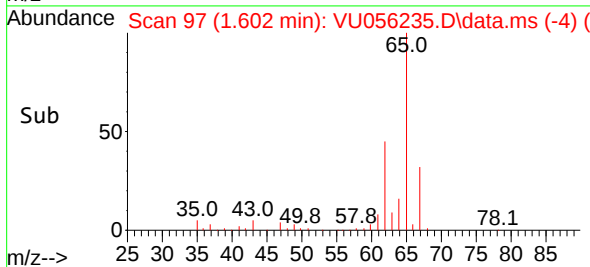
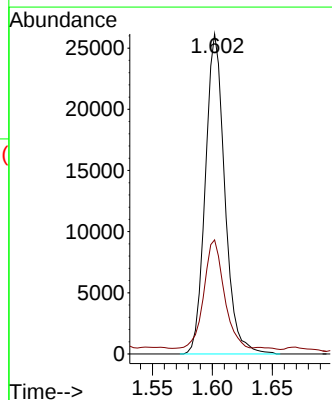
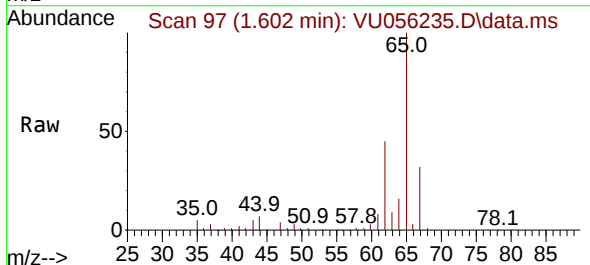
Instrument :
MSVOA_U
ClientSampleId :
GCDP0

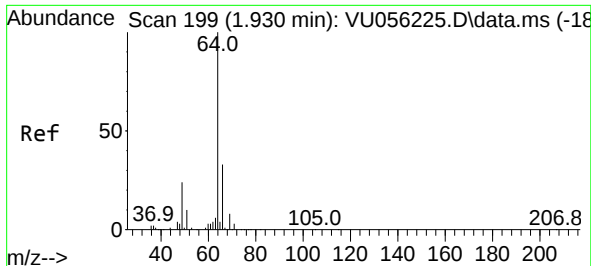
Tgt Ion: 50 Resp: 8890
Ion Ratio Lower Upper
50 100
52 39.4 22.2 41.2



#5
Vinyl chloride
Concen: 0.942 ug/L
RT: 1.602 min Scan# 97
Delta R.T. -0.000 min
Lab File: VU056235.D
Acq: 11 Nov 2023 23:20

Tgt Ion: 62 Resp: 29507
Ion Ratio Lower Upper
62 100
64 35.7 24.1 44.7

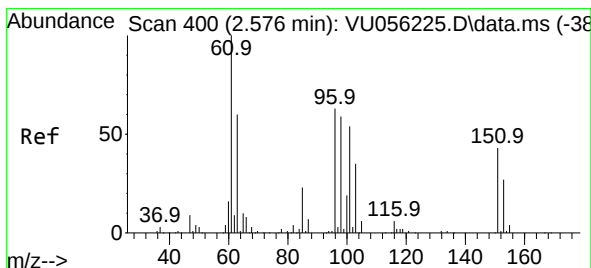
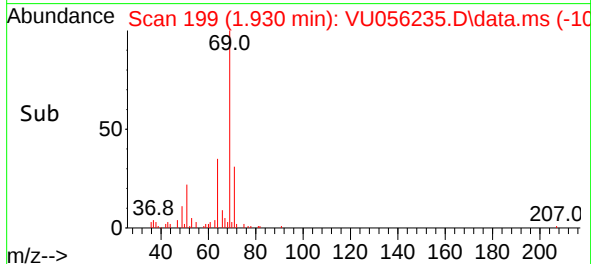
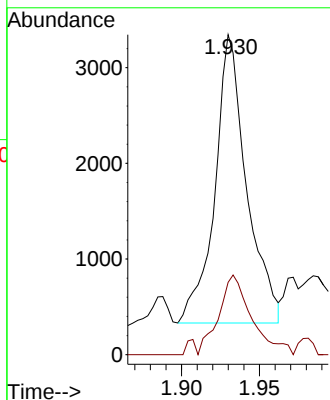
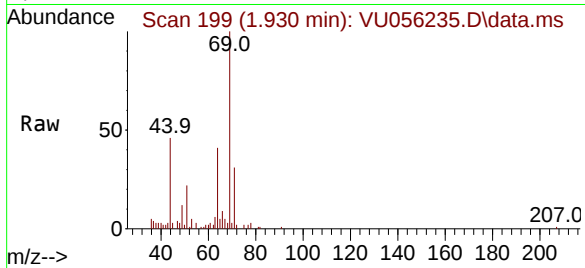




#8
Chloroethane
Concen: 0.252 ug/L
RT: 1.930 min Scan# 199
Delta R.T. -0.000 min
Lab File: VU056235.D
Acq: 11 Nov 2023 23:20

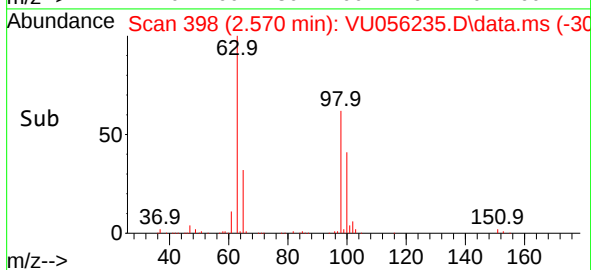
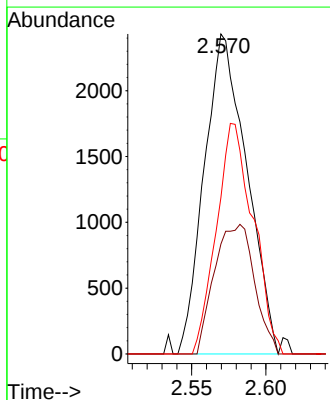
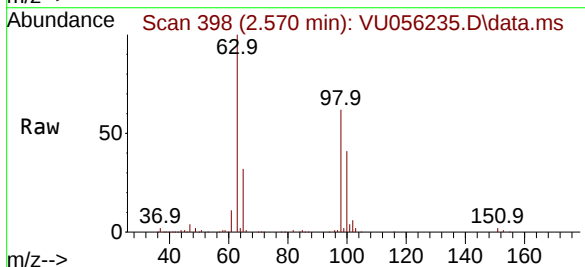
Instrument :
MSVOA_U
Client Sample Id :
GCDP0

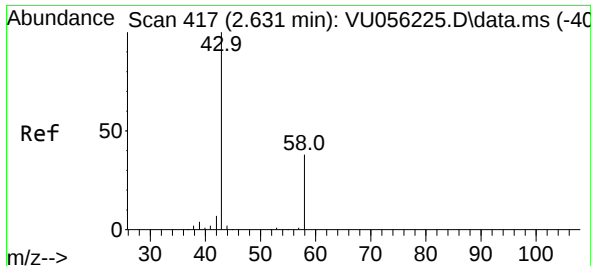
Tgt Ion: 64 Resp: 4281
Ion Ratio Lower Upper
64 100
66 22.6 22.4 41.6



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.183 ug/L
RT: 2.570 min Scan# 398
Delta R.T. -0.007 min
Lab File: VU056235.D
Acq: 11 Nov 2023 23:20

Tgt Ion: 101 Resp: 4832
Ion Ratio Lower Upper
101 100
85 38.1 34.2 51.4
151 62.4 59.3 88.9





#13

Acetone

Concen: 94.656 ug/L

RT: 2.637 min Scan# 417

Delta R.T. 0.006 min

Lab File: VU056235.D

Acq: 11 Nov 2023 23:20

Instrument :

MSVOA_U

ClientSampleId :

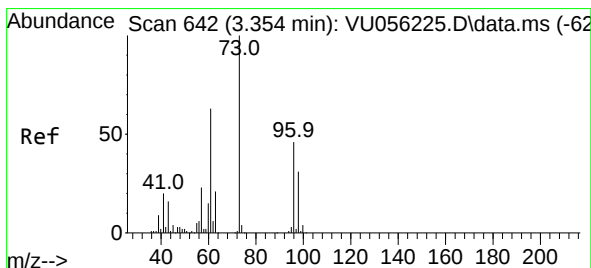
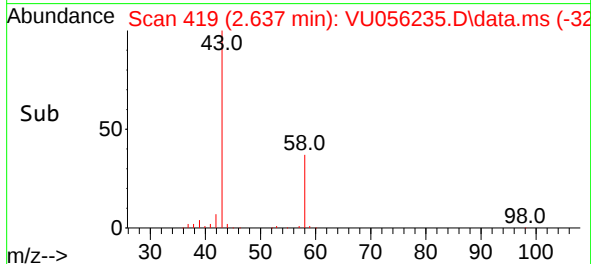
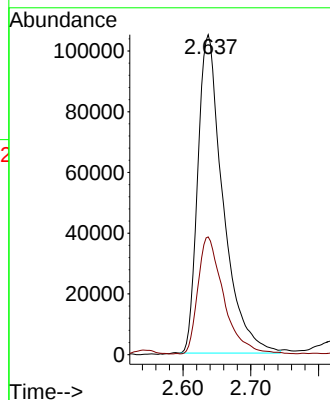
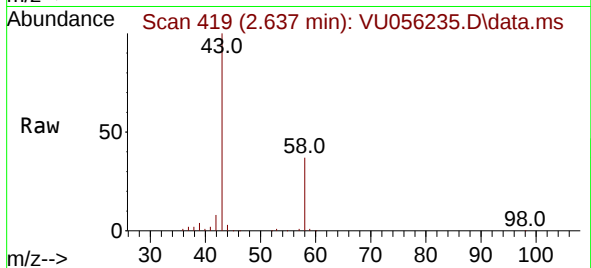
GCDP0

Tgt Ion: 43 Resp: 270894

Ion Ratio Lower Upper

43 100

58 37.7 0.0 74.4



#17

Methyl tert-butyl Ether

Concen: 0.125 ug/L

RT: 3.354 min Scan# 642

Delta R.T. -0.000 min

Lab File: VU056235.D

Acq: 11 Nov 2023 23:20

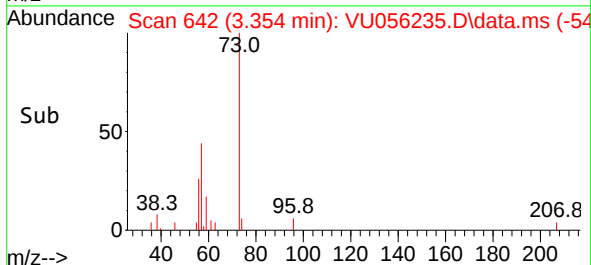
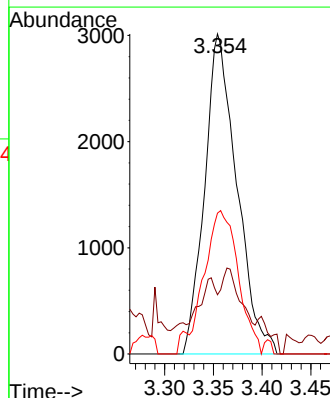
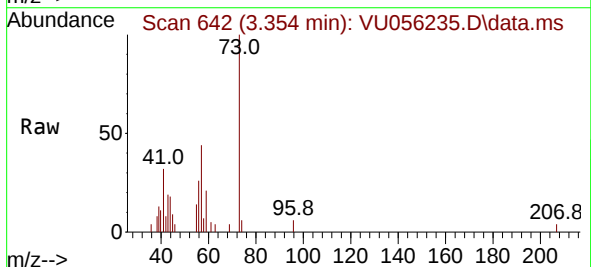
Tgt Ion: 73 Resp: 6920

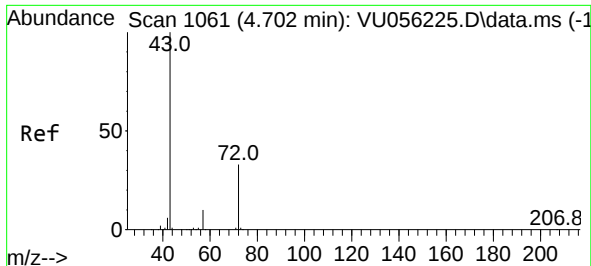
Ion Ratio Lower Upper

73 100

43 12.2 13.6 20.4#

57 46.4 17.3 25.9#

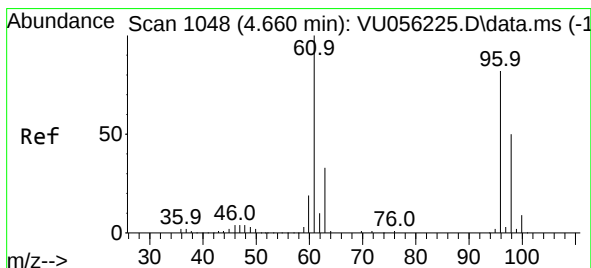
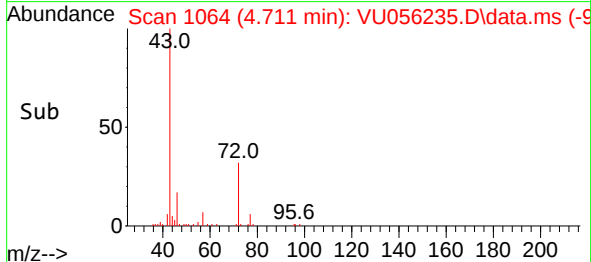
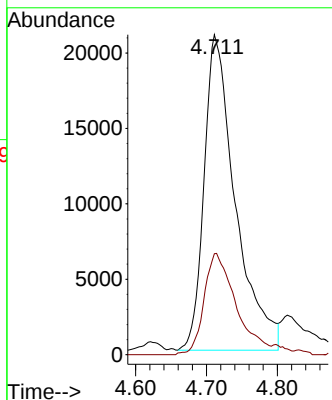
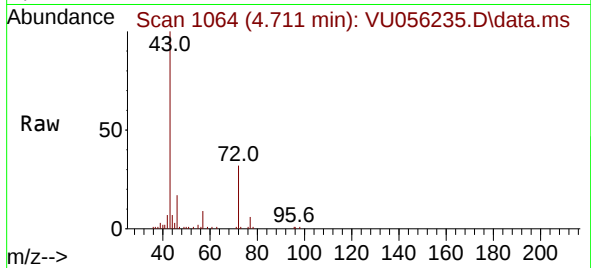




#21
2-Butanone
Concen: 13.573 ug/L
RT: 4.711 min Scan# 1064
Delta R.T. 0.010 min
Lab File: VU056235.D
Acq: 11 Nov 2023 23:20

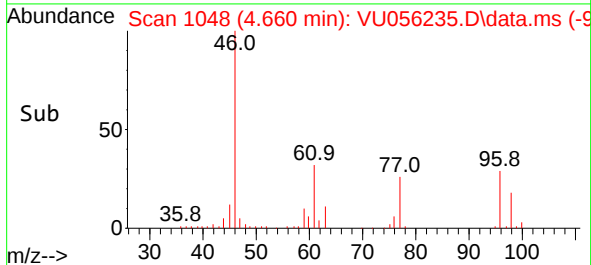
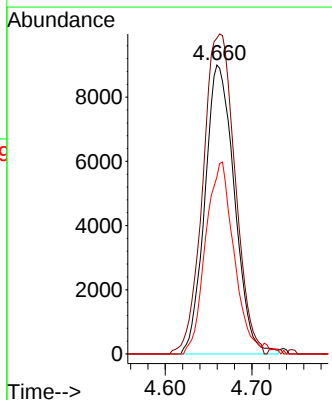
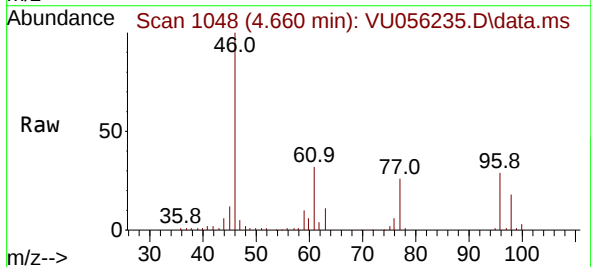
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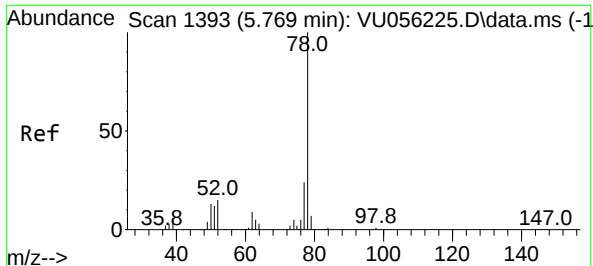
Tgt Ion: 43 Resp: 64062
Ion Ratio Lower Upper
43 100
72 32.9 15.7 47.0



#22
cis-1,2-Dichloroethene
Concen: 0.762 ug/L
RT: 4.660 min Scan# 1048
Delta R.T. -0.000 min
Lab File: VU056235.D
Acq: 11 Nov 2023 23:20

Tgt Ion: 96 Resp: 21346
Ion Ratio Lower Upper
96 100
61 109.3 87.8 163.2
98 61.3 43.5 80.7

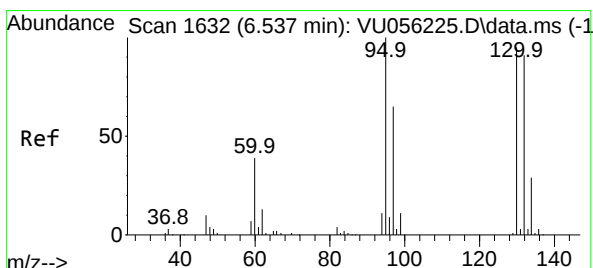
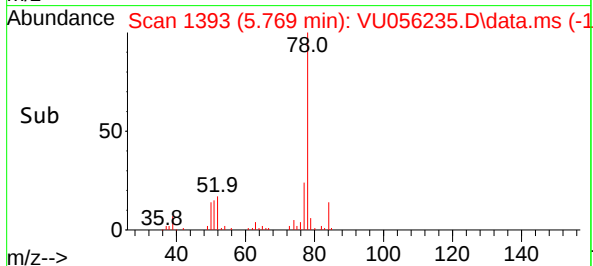
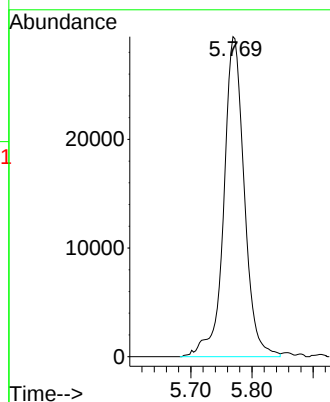
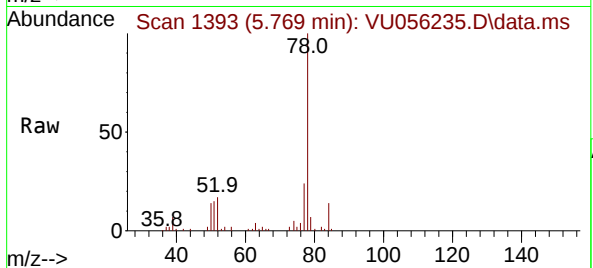




#33
Benzene
Concen: 0.634 ug/L
RT: 5.769 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU056235.D
Acq: 11 Nov 2023 23:20

Instrument :
MSVOA_U
ClientSampleId :
GCDP0

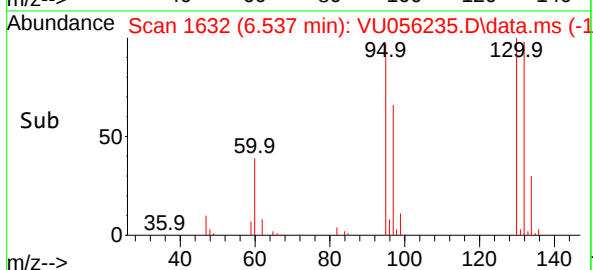
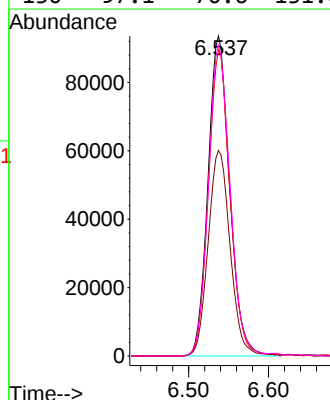
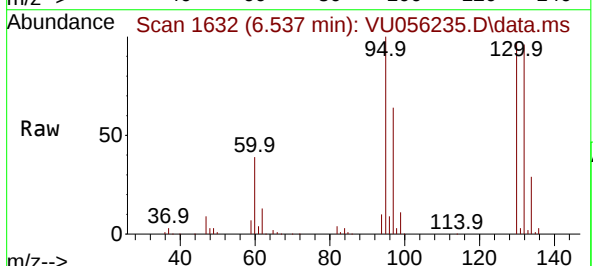
Tgt Ion: 78 Resp: 68647

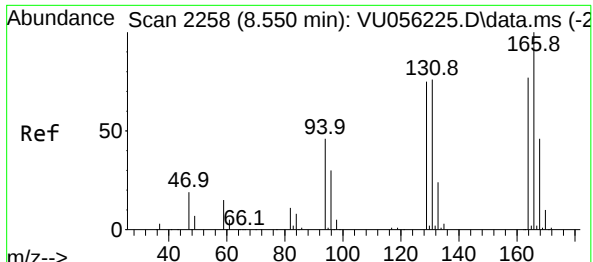


#34
Trichloroethene
Concen: 5.959 ug/L
RT: 6.537 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VU056235.D
Acq: 11 Nov 2023 23:20

Tgt Ion: 95 Resp: 176145

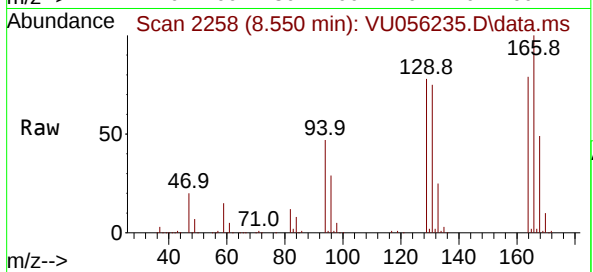
Ion	Ratio	Lower	Upper
95	100		
97	64.2	46.8	87.0
132	95.6	66.5	123.5
130	97.1	70.6	131.0





#47
 Tetrachloroethene
 Concen: 12.360 ug/L
 RT: 8.550 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VU056235.D
 Acq: 11 Nov 2023 23:20

Instrument :
 MSVOA_U
 ClientSampleId :
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Tgt Ion:	164	Resp:	274198
Ion	Ratio	Lower	Upper
164	100		
129	98.4	66.6	123.8
131	94.3	67.8	126.0
166	125.9	85.9	159.5

