

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111723\
 Data File : VU056444.D
 Acq On : 17 Nov 2023 16:06
 Operator : MD/SY
 Sample : 05371-10RE
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 17 23:22:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 17 23:14:39 2023
 Response via : Initial Calibration

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

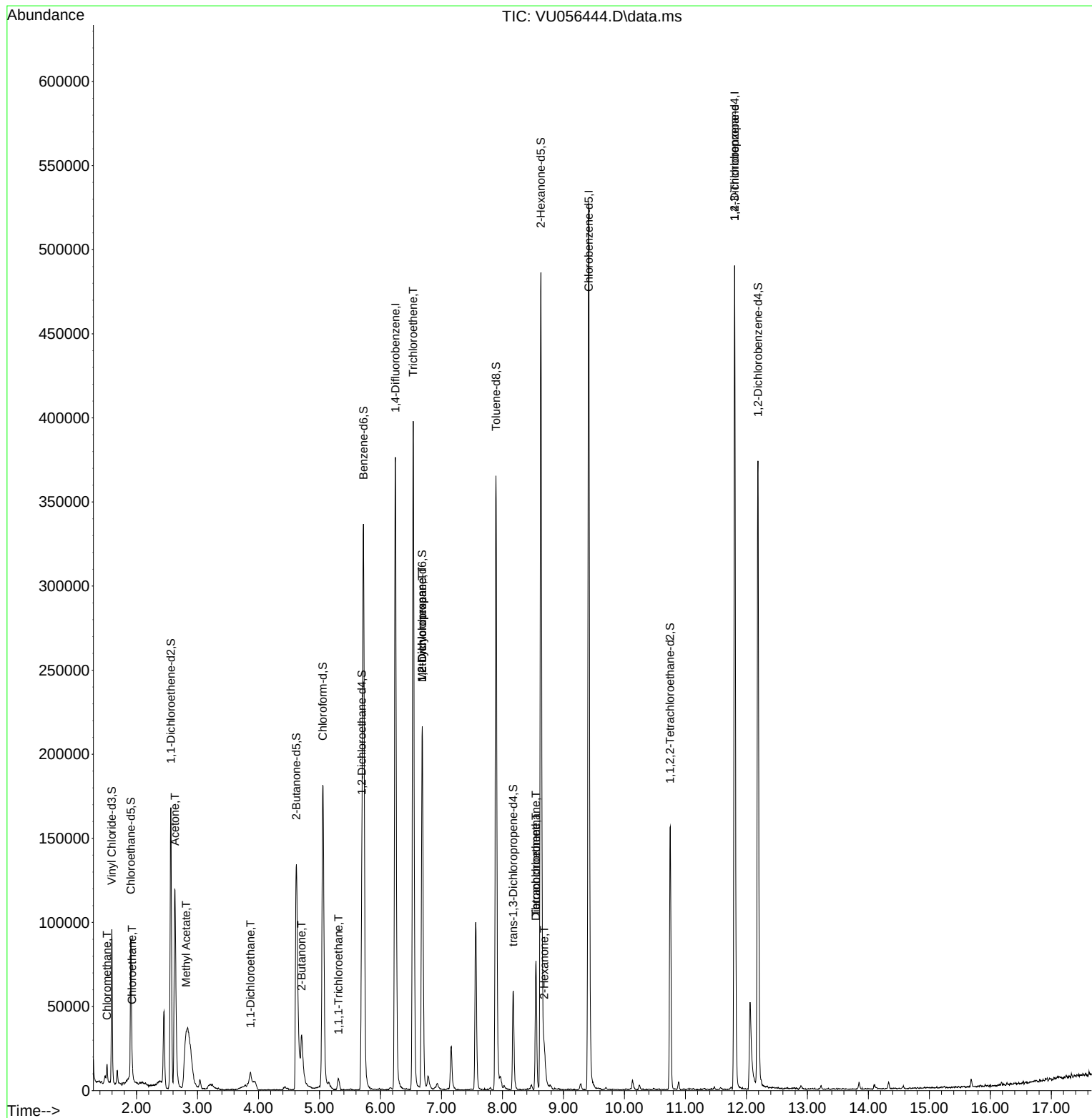
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	307779	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	304052	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	130763	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	66398	2.884	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	57.600%
7) Chloroethane-d5	1.907	69	59890	3.393	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	67.800%
11) 1,1-Dichloroethene-d2	2.563	65	31455	3.096	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.000%
20) 2-Butanone-d5	4.621	46	217862	47.461	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.920%
24) Chloroform-d	5.055	84	175966	3.952	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.000%
26) 1,2-Dichloroethane-d4	5.695	65	89615	4.355	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.200%
32) Benzene-d6	5.721	84	322194	3.557	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	71.200%
36) 1,2-Dichloropropane-d6	6.685	67	105898	3.879	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	77.600%
41) Toluene-d8	7.894	98	255858	3.198	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	64.000%#
43) trans-1,3-Dichloroprop...	8.177	79	35480	3.388	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	67.800%
46) 2-Hexanone-d5	8.631	63	173049	42.054	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.100%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	77955	3.996	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	80.000%
66) 1,2-Dichlorobenzene-d4	12.190	152	99226	4.108	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	82.200%
Target Compounds						
					Qvalue	
3) Chloromethane	1.515	50	5920	0.238	ug/L	98
8) Chloroethane	1.927	64	3344	0.228	ug/L	88
13) Acetone	2.631	43	161565	41.325	ug/L	100
15) Methyl Acetate	2.814	43	10341	1.486	ug/L #	49
19) 1,1-Dichloroethane	3.869	63	8432	0.220	ug/L	97
21) 2-Butanone	4.708	43	48813	9.622	ug/L	98
29) 1,1,1-Trichloroethane	5.312	97	5458	0.156	ug/L	93
34) Trichloroethene	6.537	95	143953	6.090	ug/L	99
35) Methylcyclohexane	6.685	83	24793	0.727	ug/L #	18
37) 1,2-Dichloropropane	6.685	63	11676	0.516	ug/L #	89
47) Tetrachloroethene	8.550	164	16777	1.053	ug/L	92
48) 2-Hexanone	8.685	43	14119	1.616	ug/L #	36
49) Dibromochloromethane	8.547	129	16568	0.967	ug/L #	12
61) 1,2,3-Trichloropropane	11.807	75	16708	1.489	ug/L #	69

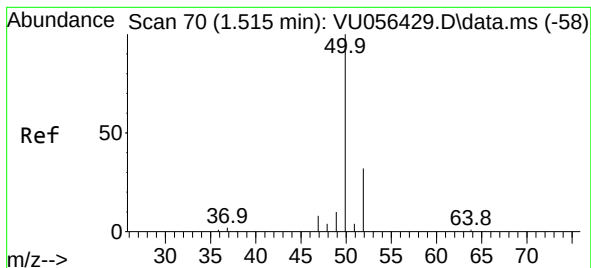
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Nov 17 23:14:39 2023
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.238 ug/L

RT: 1.515 min Scan# 70

Delta R.T. -0.000 min

Lab File: VU056444.D

Acq: 17 Nov 2023 16:06

Instrument :

MSVOA_U

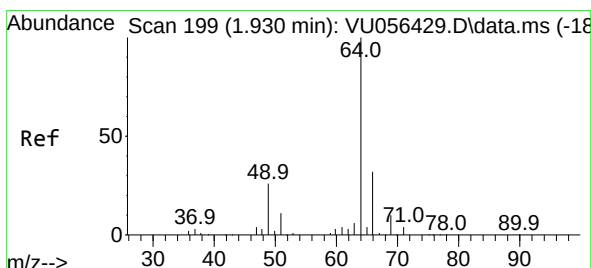
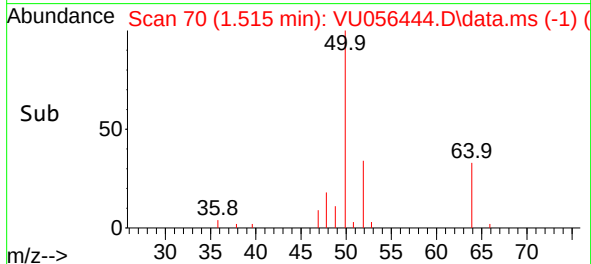
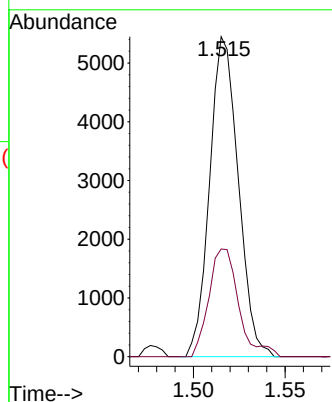
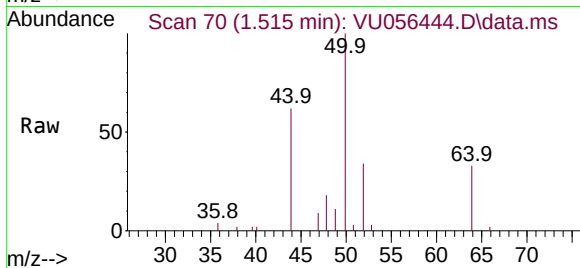
ClientSampleId :

Tgt Ion: 50 Resp: 5920

Ion Ratio Lower Upper

50 100

52 33.7 24.3 45.1



#8

Chloroethane

Concen: 0.228 ug/L

RT: 1.927 min Scan# 198

Delta R.T. -0.003 min

Lab File: VU056444.D

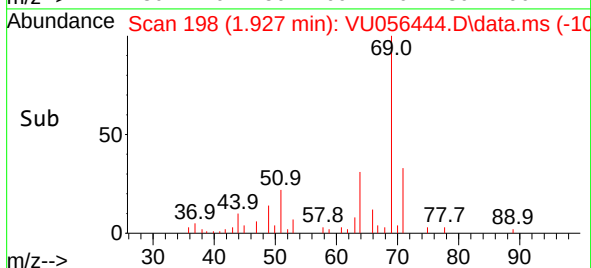
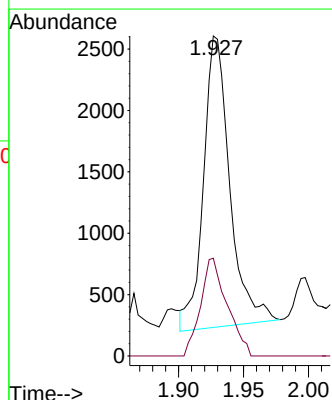
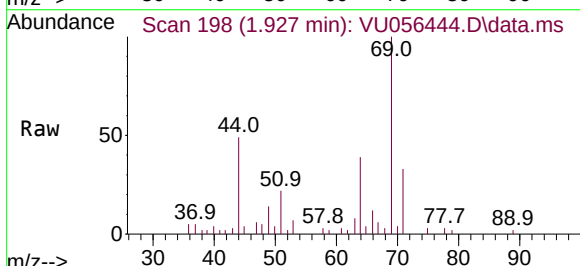
Acq: 17 Nov 2023 16:06

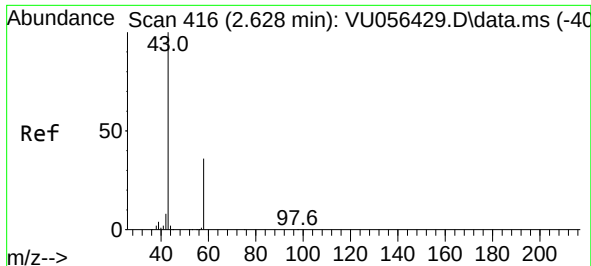
Tgt Ion: 64 Resp: 3344

Ion Ratio Lower Upper

64 100

66 27.5 23.9 44.5

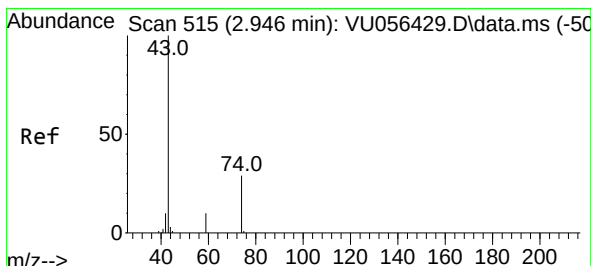
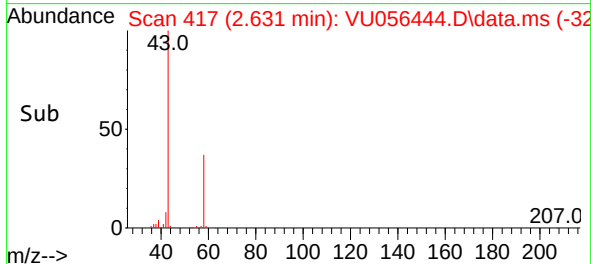
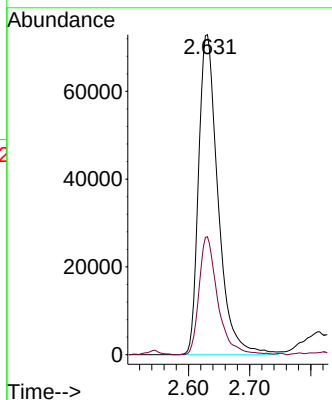
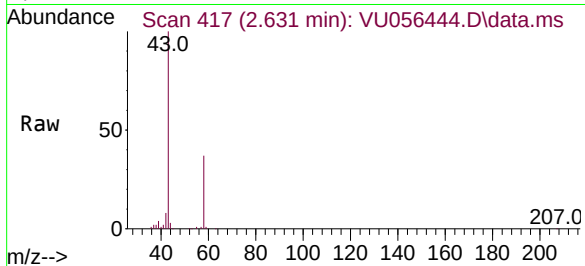




#13
Acetone
Concen: 41.325 ug/L
RT: 2.631 min Scan# 416
Delta R.T. 0.003 min
Lab File: VU056444.D
Acq: 17 Nov 2023 16:06

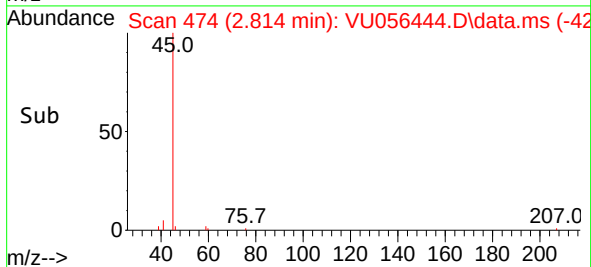
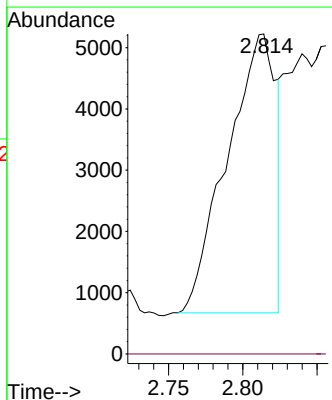
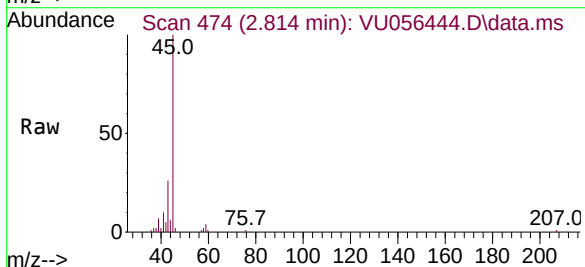
Instrument :
MSVOA_U
ClientSampleId :

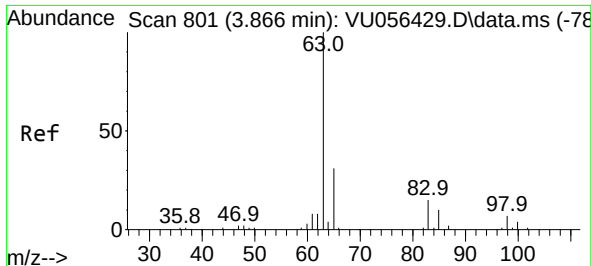
Tgt Ion: 43 Resp: 161565
Ion Ratio Lower Upper
43 100
58 35.3 0.0 70.0



#15
Methyl Acetate
Concen: 1.486 ug/L
RT: 2.814 min Scan# 474
Delta R.T. -0.132 min
Lab File: VU056444.D
Acq: 17 Nov 2023 16:06

Tgt Ion: 43 Resp: 10341
Ion Ratio Lower Upper
43 100
74 0.0 20.6 31.0#





#19

1,1-Dichloroethane

Concen: 0.220 ug/L

RT: 3.869 min Scan# 801

Delta R.T. 0.003 min

Lab File: VU056444.D

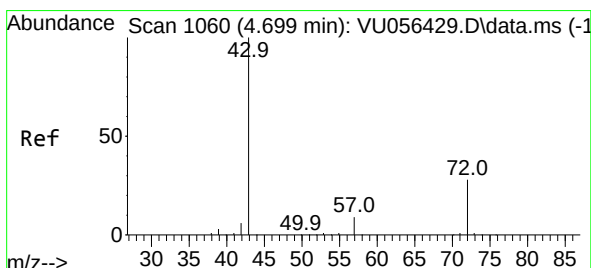
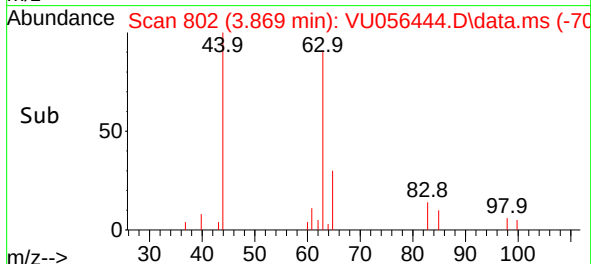
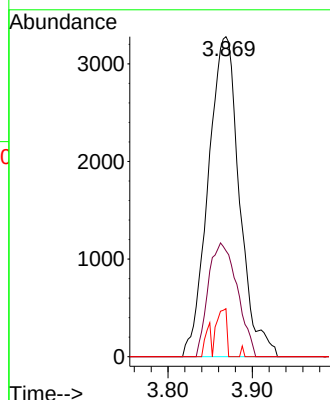
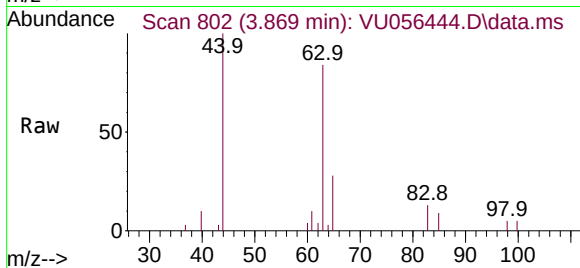
Acq: 17 Nov 2023 16:06

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	63	Resp:	8432
Ion Ratio	Lower	Upper	
63	100		
65	33.1	21.8	40.6
83	15.0	9.7	17.9



#21

2-Butanone

Concen: 9.622 ug/L

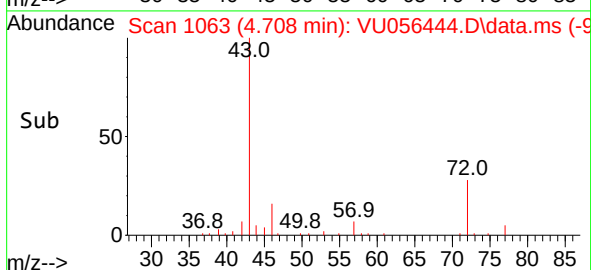
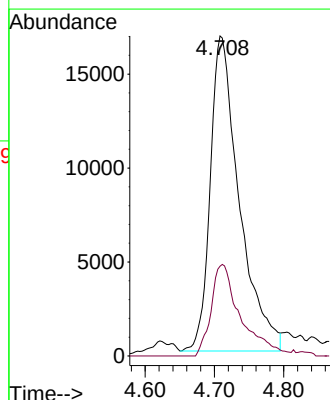
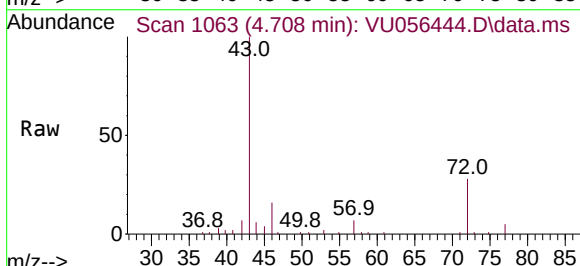
RT: 4.708 min Scan# 1063

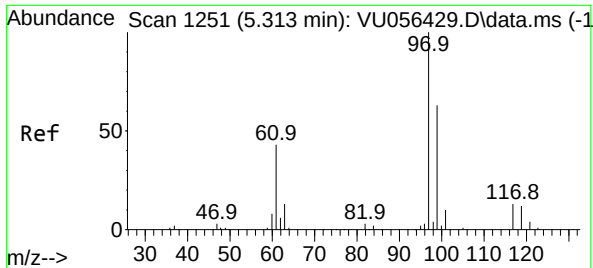
Delta R.T. 0.009 min

Lab File: VU056444.D

Acq: 17 Nov 2023 16:06

Tgt Ion:	43	Resp:	48813
Ion Ratio	Lower	Upper	
43	100		
72	29.6	14.2	42.6



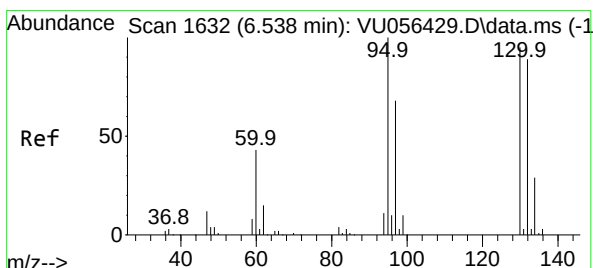
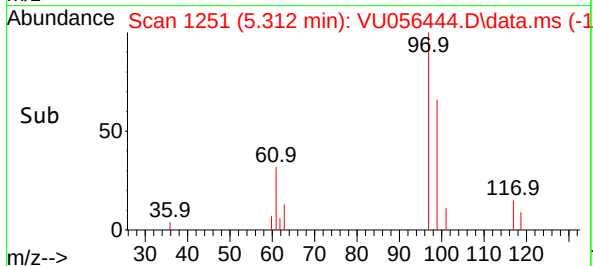
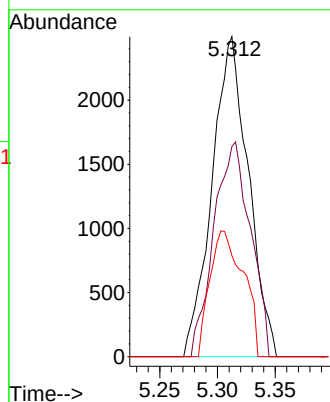
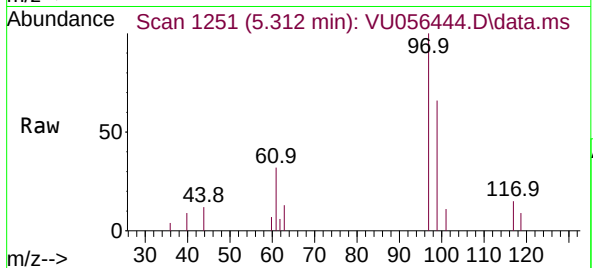


#29
1,1,1-Trichloroethane
Concen: 0.156 ug/L
RT: 5.312 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU056444.D
Acq: 17 Nov 2023 16:06

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 5458

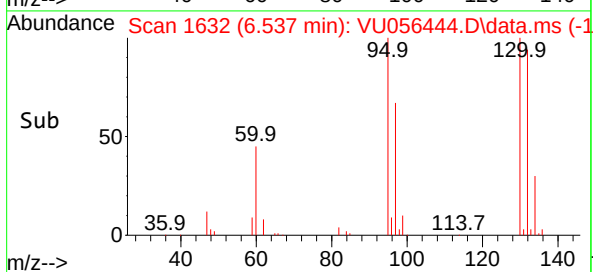
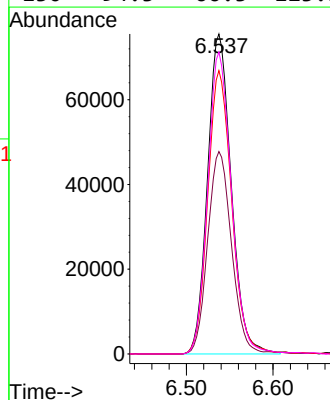
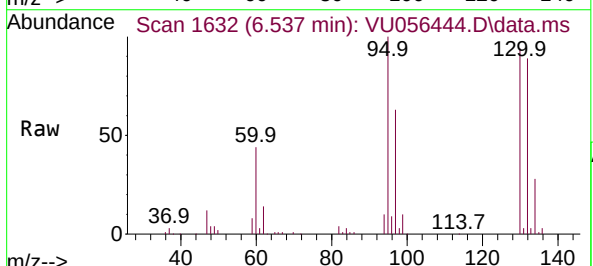
Ion	Ratio	Lower	Upper
97	100		
99	67.6	51.6	77.4
61	36.1	34.3	51.5

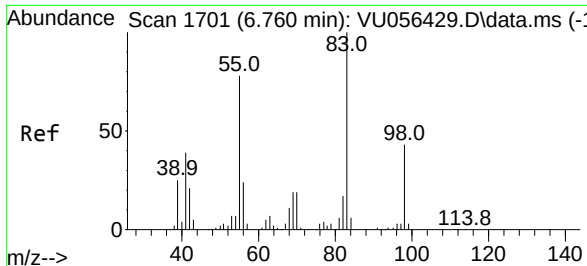


#34
Trichloroethene
Concen: 6.090 ug/L
RT: 6.537 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VU056444.D
Acq: 17 Nov 2023 16:06

Tgt Ion: 95 Resp: 143953

Ion	Ratio	Lower	Upper
95	100		
97	63.3	46.5	86.3
132	88.6	62.0	115.2
130	94.3	66.3	123.1

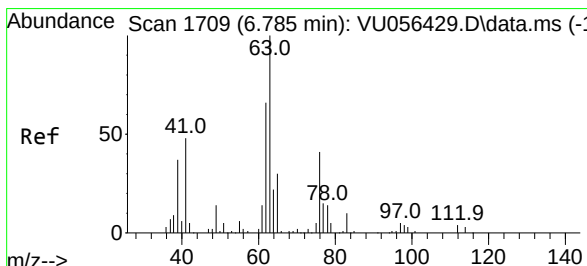
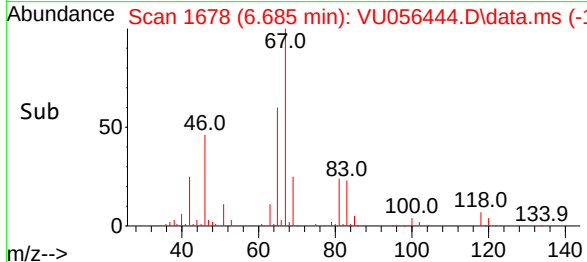
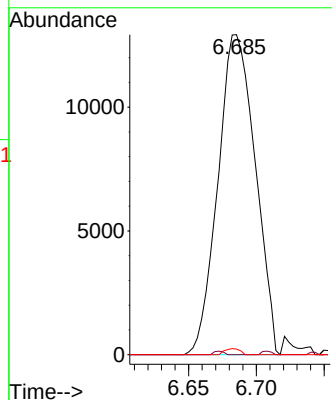
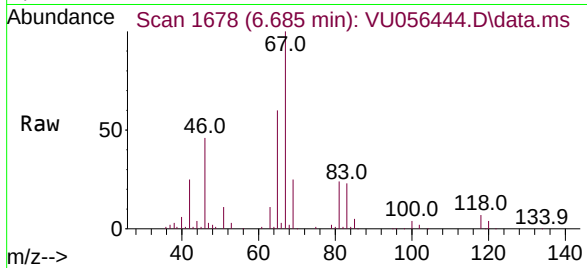




#35
Methylcyclohexane
Concen: 0.727 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.074 min
Lab File: VU056444.D
Acq: 17 Nov 2023 16:06

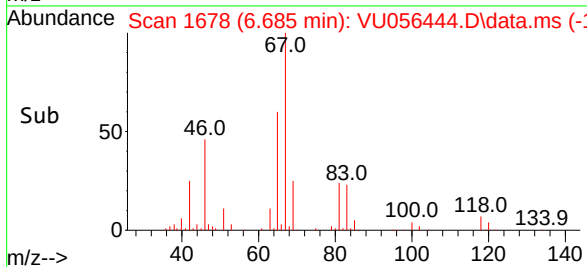
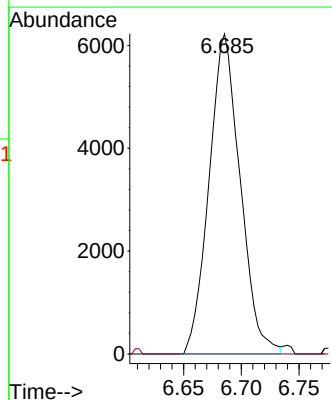
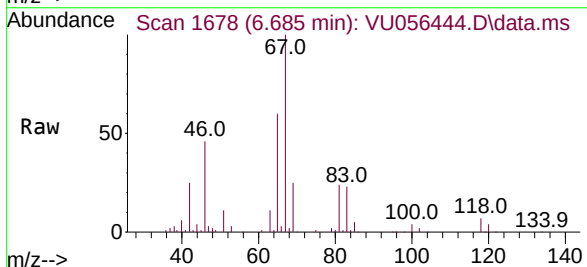
Instrument :
MSVOA_U
ClientSampleId :

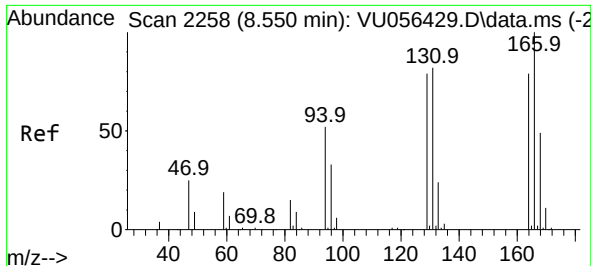
Tgt Ion: 83 Resp: 24793
Ion Ratio Lower Upper
83 100
55 0.3 62.9 94.3#
98 0.0 35.3 52.9#



#37
1,2-Dichloropropane
Concen: 0.516 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.100 min
Lab File: VU056444.D
Acq: 17 Nov 2023 16:06

Tgt Ion: 63 Resp: 11676
Ion Ratio Lower Upper
63 100
112 0.3 3.2 4.8#





#47

Tetrachloroethene

Concen: 1.053 ug/L

RT: 8.550 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU056444.D

Acq: 17 Nov 2023 16:06

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:164 Resp: 16777

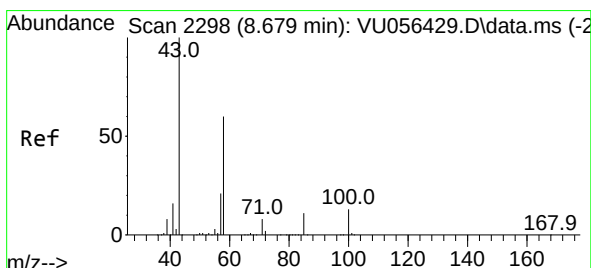
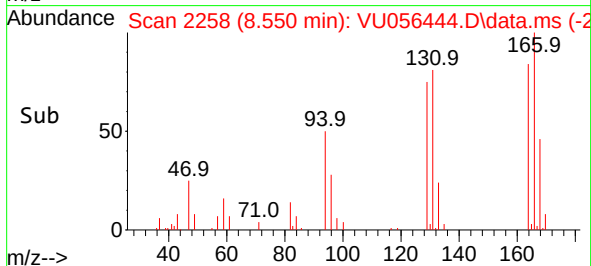
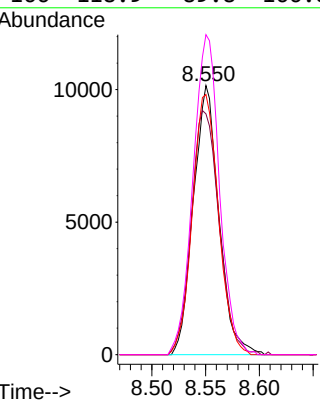
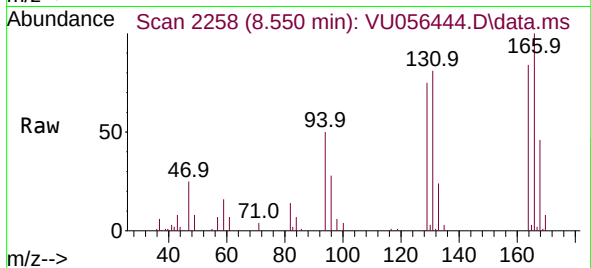
Ion Ratio Lower Upper

164 100

129 89.5 71.0 131.9

131 96.6 70.3 130.7

166 118.9 89.8 166.8



#48

2-Hexanone

Concen: 1.616 ug/L

RT: 8.685 min Scan# 2300

Delta R.T. 0.006 min

Lab File: VU056444.D

Acq: 17 Nov 2023 16:06

Tgt Ion: 43 Resp: 14119

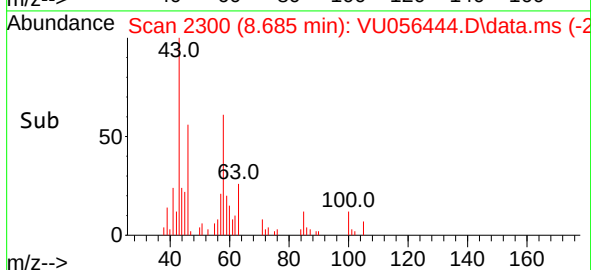
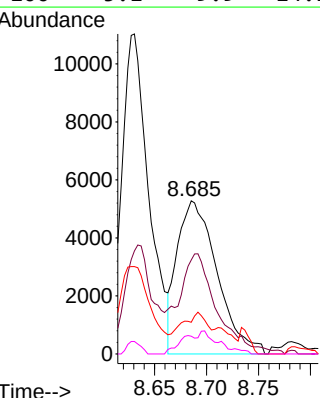
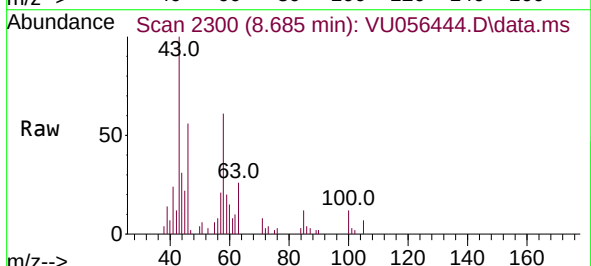
Ion Ratio Lower Upper

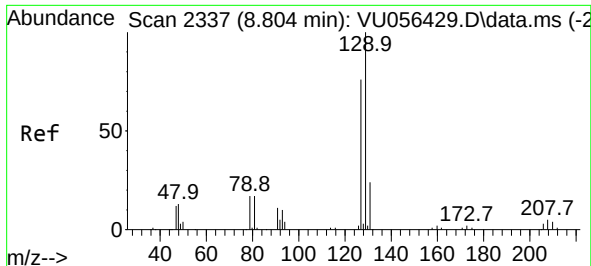
43 100

58 0.0 48.7 73.1#

57 0.0 16.8 25.2#

100 5.1 9.9 14.9#

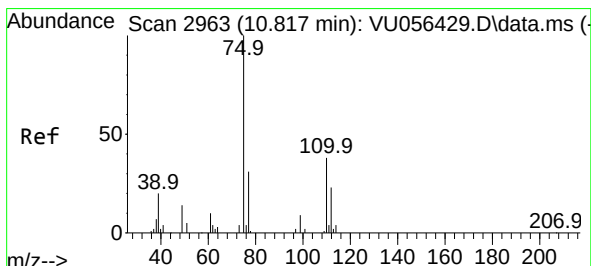
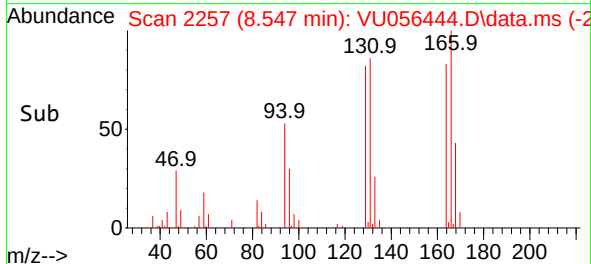
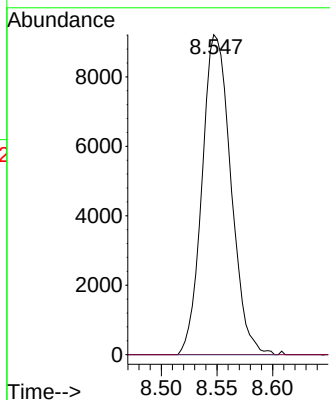
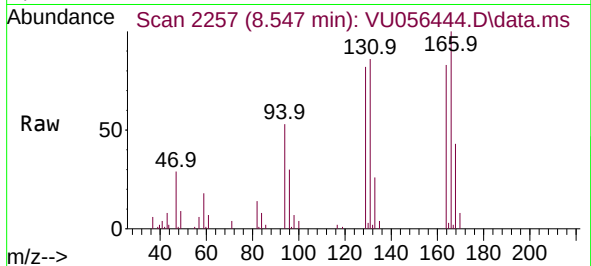




#49
Dibromochloromethane
Concen: 0.967 ug/L
RT: 8.547 min Scan# 21
Delta R.T. -0.257 min
Lab File: VU056444.D
Acq: 17 Nov 2023 16:06

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:129 Resp: 16568
Ion Ratio Lower Upper
129 100
127 0.0 52.9 98.3#



#61
1,2,3-Trichloropropane
Concen: 1.489 ug/L
RT: 11.807 min Scan# 3271
Delta R.T. 0.990 min
Lab File: VU056444.D
Acq: 17 Nov 2023 16:06

Tgt Ion: 75 Resp: 16708
Ion Ratio Lower Upper
75 100
110 3.3 30.4 45.6#
77 34.0 27.0 40.6

