

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111723\
 Data File : VU056447.D
 Acq On : 17 Nov 2023 17:19
 Operator : MD/SY
 Sample : 05441-02
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 17 23:23:18 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)

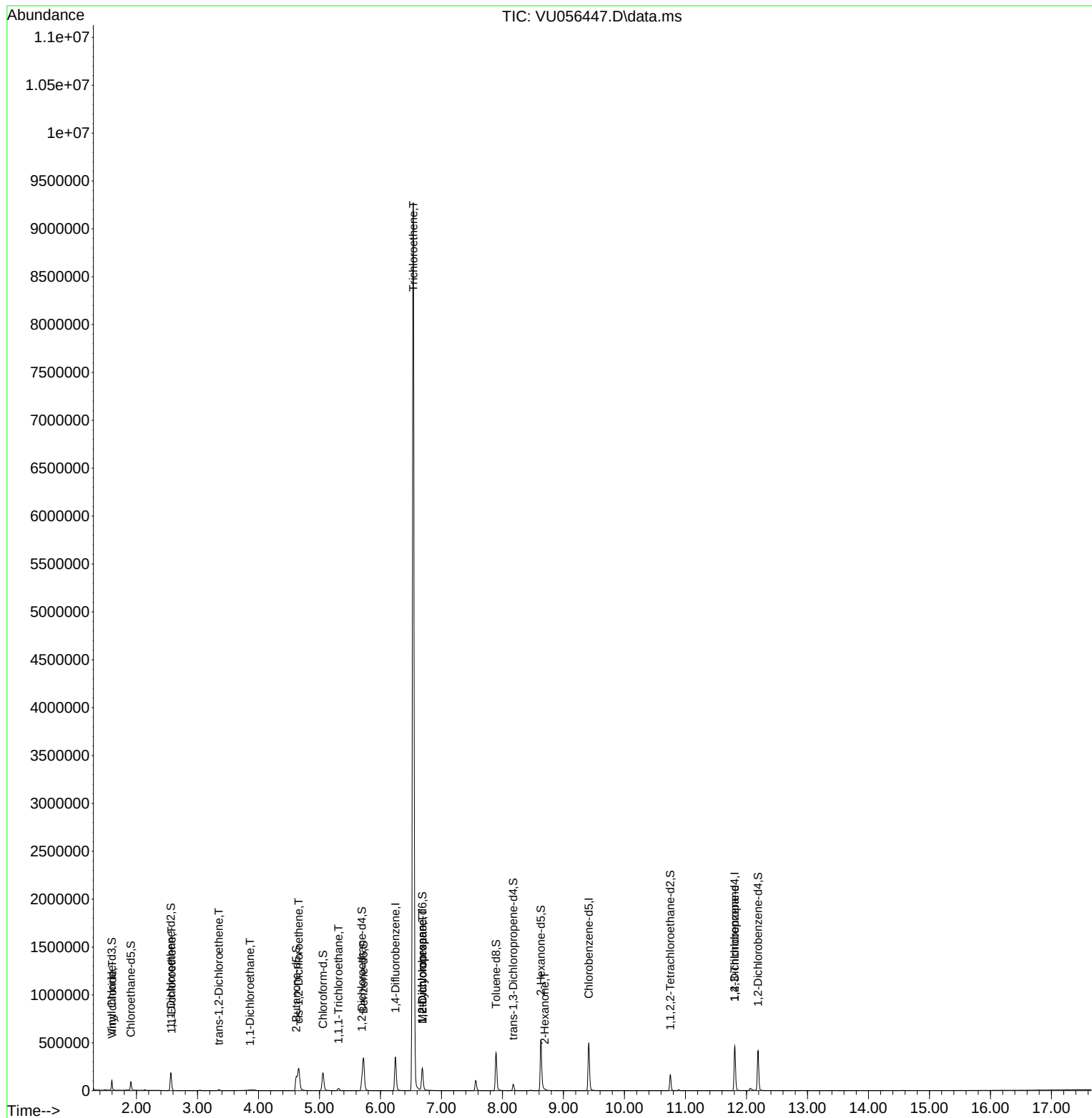
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	284823	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	293727	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	123947	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	70891	3.328	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	66.600%
7) Chloroethane-d5	1.907	69	62358	3.818	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.400%
11) 1,1-Dichloroethene-d2	2.563	65	33200	3.531	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.600%
20) 2-Butanone-d5	4.618	46	225517	53.088	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.180%
24) Chloroform-d	5.055	84	178883	4.341	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.800%
26) 1,2-Dichloroethane-d4	5.695	65	92528	4.859	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.200%
32) Benzene-d6	5.721	84	327110	3.738	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	74.800%
36) 1,2-Dichloropropane-d6	6.685	67	110693	4.197	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.000%
41) Toluene-d8	7.894	98	275219	3.561	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.200%
43) trans-1,3-Dichloroprop...	8.174	79	41408	4.093	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.800%
46) 2-Hexanone-d5	8.627	63	187226	47.098	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.200%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	84704	4.494	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.800%
66) 1,2-Dichlorobenzene-d4	12.190	152	108414	4.735	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.600%
Target Compounds						
5) Vinyl chloride	1.602	62	4146	0.187	ug/L #	66
12) 1,1-Dichloroethene	2.573	96	7141	0.410	ug/L #	1
18) trans-1,2-Dichloroethene	3.348	96	4988	0.278	ug/L	90
19) 1,1-Dichloroethane	3.862	63	3448	0.097	ug/L #	95
22) cis-1,2-Dichloroethene	4.660	96	112912	5.550	ug/L	96
29) 1,1,1-Trichloroethane	5.312	97	17229	0.511	ug/L	100
34) Trichloroethene	6.538	95	3321073	145.437	ug/L	98
35) Methylcyclohexane	6.685	83	27323	0.829	ug/L #	18
37) 1,2-Dichloropropane	6.685	63	11985	0.548	ug/L #	88
48) 2-Hexanone	8.692	43	7260	0.860	ug/L #	72
61) 1,2,3-Trichloropropane	11.807	75	15228	1.432	ug/L #	70

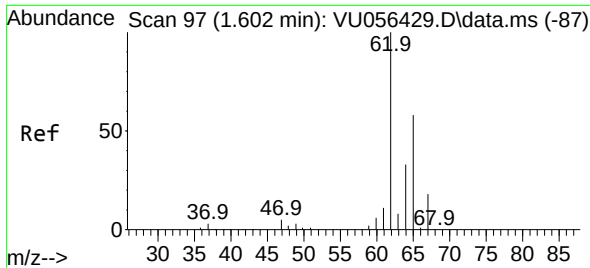
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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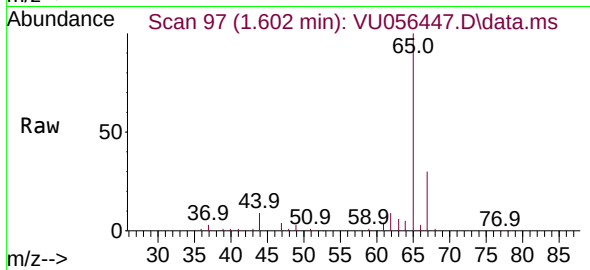
Quant Time: Nov 17 23:23:18 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
Quant Title : TRACE VOA SFAM1.0
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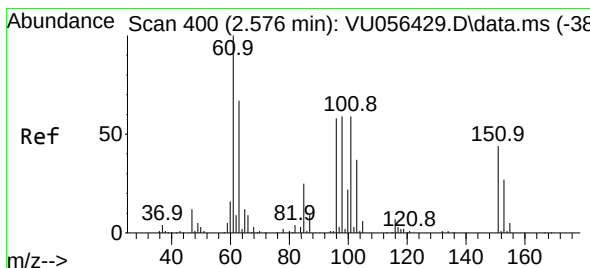
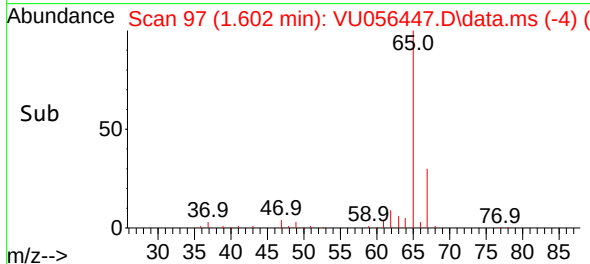
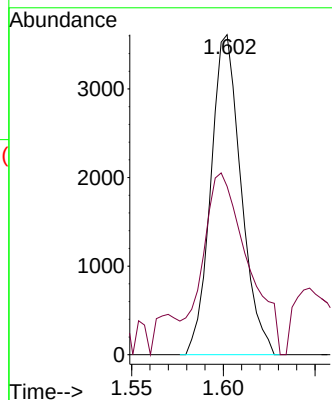


#5
 Vinyl chloride
 Concen: 0.187 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VU056447.D
 Acq: 17 Nov 2023 17:19

Instrument :
 MSVOA_U
 ClientSampleId :

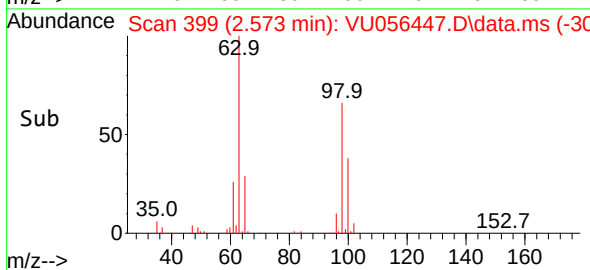
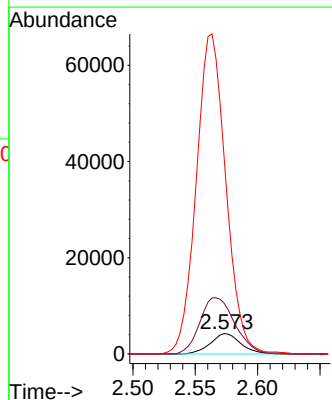
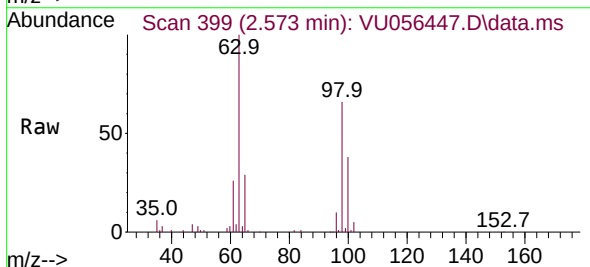


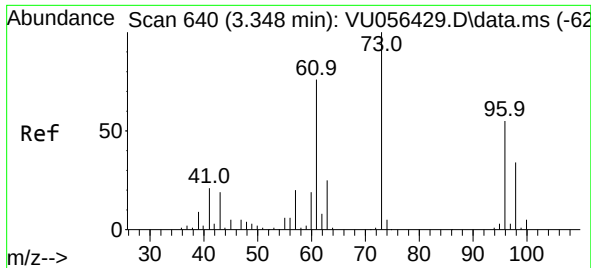
Tgt Ion: 62 Resp: 4146
 Ion Ratio Lower Upper
 62 100
 64 52.6 23.3 43.3#



#12
 1,1-Dichloroethene
 Concen: 0.410 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. -0.003 min
 Lab File: VU056447.D
 Acq: 17 Nov 2023 17:19

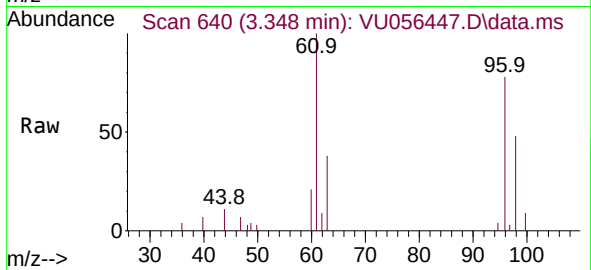
Tgt Ion: 96 Resp: 7141
 Ion Ratio Lower Upper
 96 100
 61 223.3 123.1 228.7
 63 867.0 93.3 173.3#



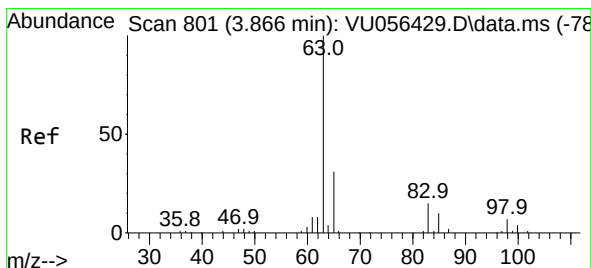
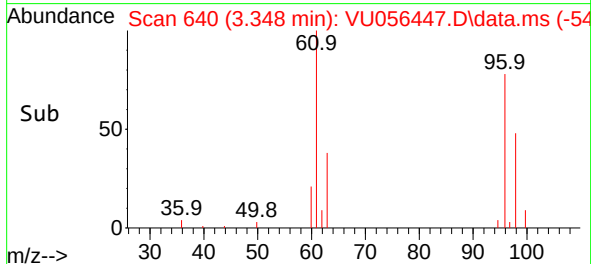
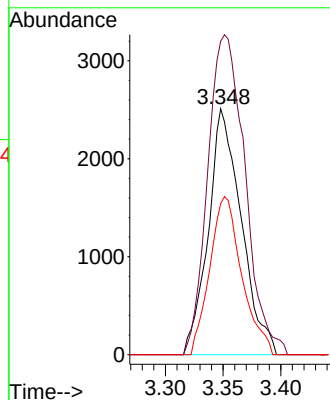


#18
 trans-1,2-Dichloroethene
 Concen: 0.278 ug/L
 RT: 3.348 min Scan# 640
 Delta R.T. -0.000 min
 Lab File: VU056447.D
 Acq: 17 Nov 2023 17:19

Instrument :
 MSVOA_U
 ClientSampleId :

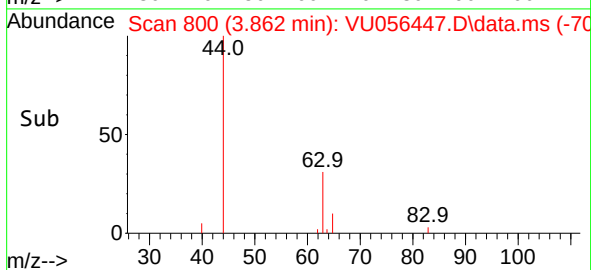
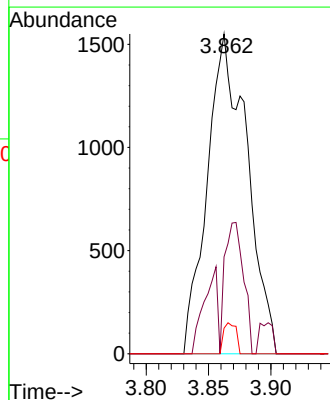
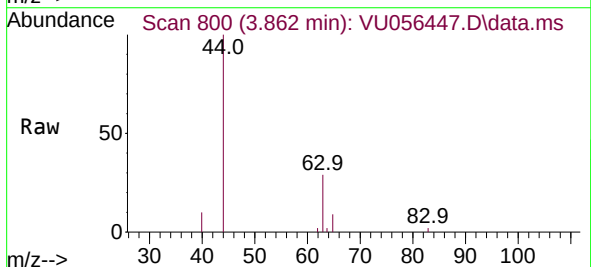


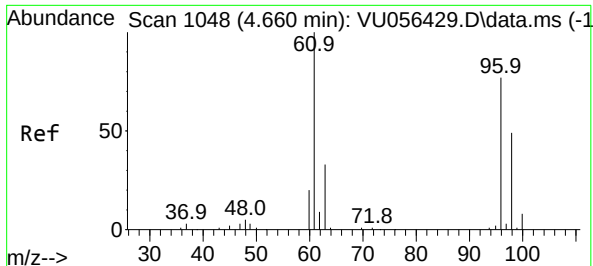
Tgt Ion:	96	Resp:	4988
Ion	Ratio	Lower	Upper
96	100		
61	127.4	101.7	188.9
98	61.4	43.0	80.0



#19
 1,1-Dichloroethane
 Concen: 0.097 ug/L
 RT: 3.862 min Scan# 800
 Delta R.T. -0.003 min
 Lab File: VU056447.D
 Acq: 17 Nov 2023 17:19

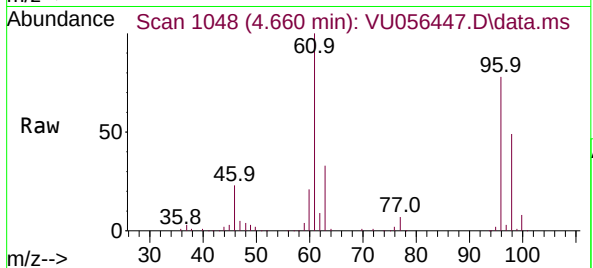
Tgt Ion:	63	Resp:	3448
Ion	Ratio	Lower	Upper
63	100		
65	30.3	21.8	40.6
83	8.0	9.7	17.9



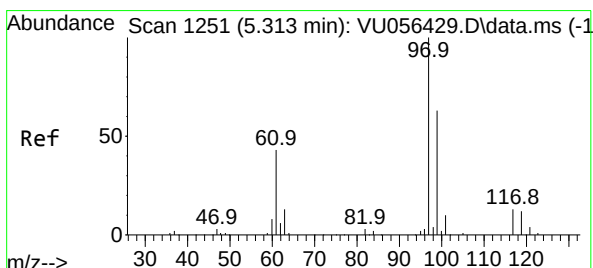
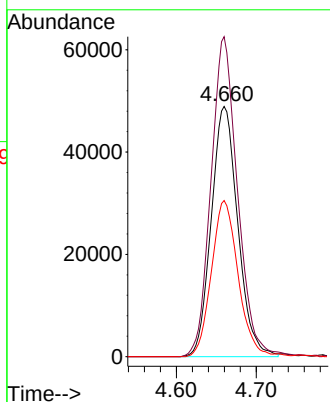
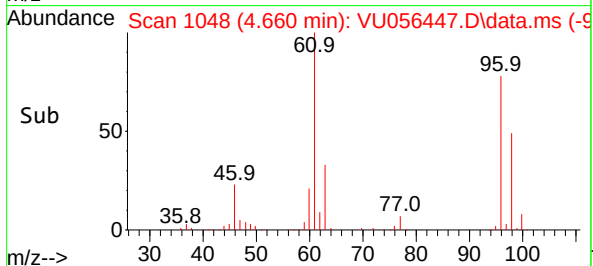


#22
 cis-1,2-Dichloroethene
 Concen: 5.550 ug/L
 RT: 4.660 min Scan# 1048
 Delta R.T. -0.000 min
 Lab File: VU056447.D
 Acq: 17 Nov 2023 17:19

Instrument :
 MSVOA_U
 ClientSampleId :

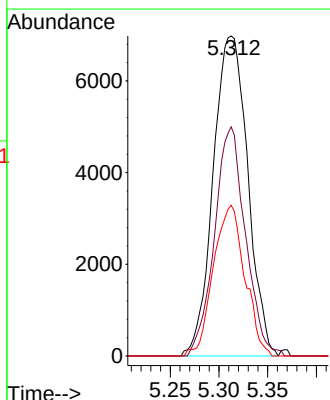
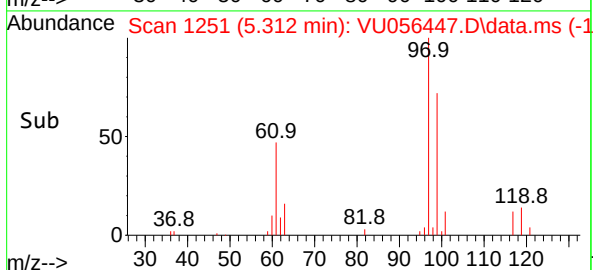
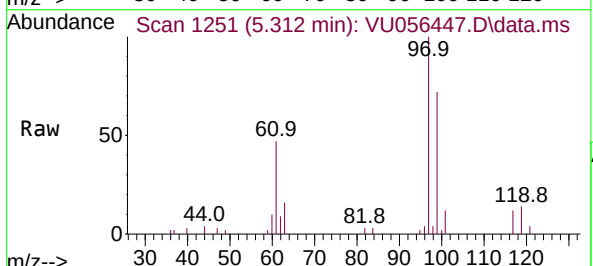


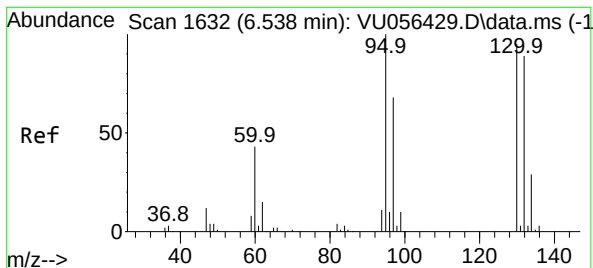
Tgt Ion:	96	Resp:	112912
Ion	Ratio	Lower	Upper
96	100		
61	127.9	93.2	173.2
98	62.4	44.8	83.2



#29
 1,1,1-Trichloroethane
 Concen: 0.511 ug/L
 RT: 5.312 min Scan# 1251
 Delta R.T. -0.000 min
 Lab File: VU056447.D
 Acq: 17 Nov 2023 17:19

Tgt Ion:	97	Resp:	17229
Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.6	77.4
61	42.9	34.3	51.5





#34

Trichloroethene

Concen: 145.437 ug/L

RT: 6.538 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU056447.D

Acq: 17 Nov 2023 17:19

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 3321073

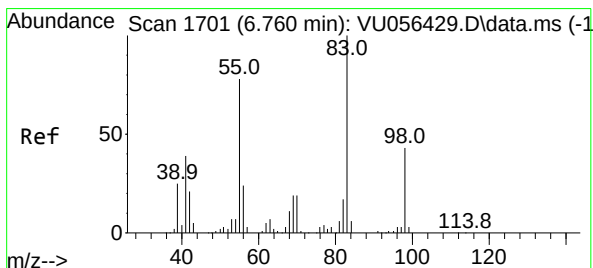
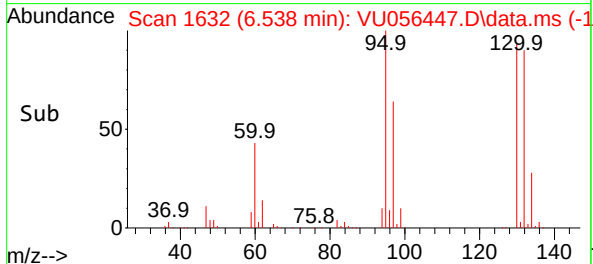
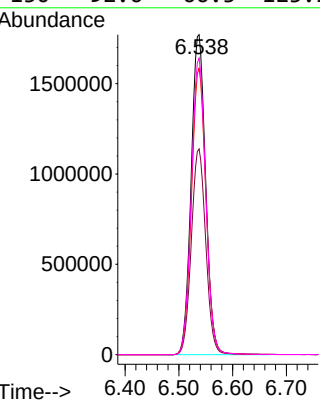
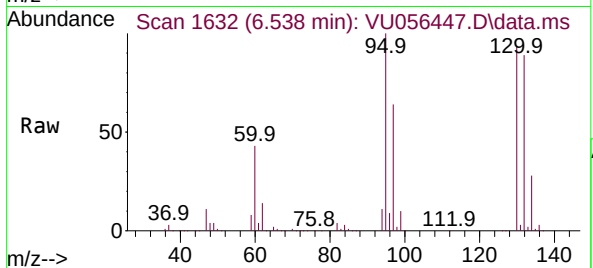
Ion Ratio Lower Upper

95 100

97 64.3 46.5 86.3

132 89.5 62.0 115.2

130 92.6 66.3 123.1



#35

Methylcyclohexane

Concen: 0.829 ug/L

RT: 6.685 min Scan# 1678

Delta R.T. -0.074 min

Lab File: VU056447.D

Acq: 17 Nov 2023 17:19

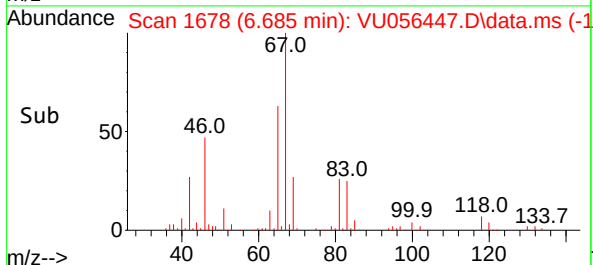
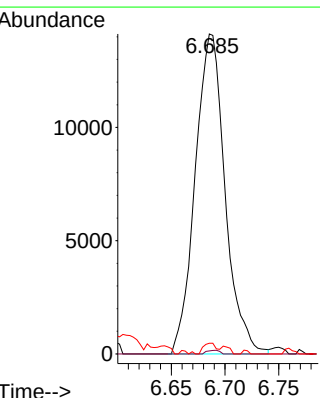
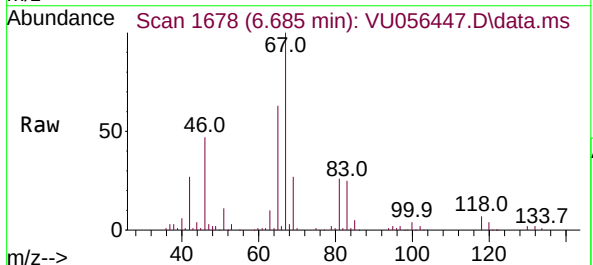
Tgt Ion: 83 Resp: 27323

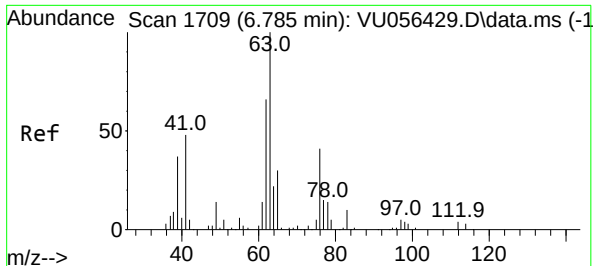
Ion Ratio Lower Upper

83 100

55 0.5 62.9 94.3#

98 0.0 35.3 52.9#





#37

1,2-Dichloropropane

Concen: 0.548 ug/L

RT: 6.685 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU056447.D

Acq: 17 Nov 2023 17:19

Instrument :

MSVOA_U

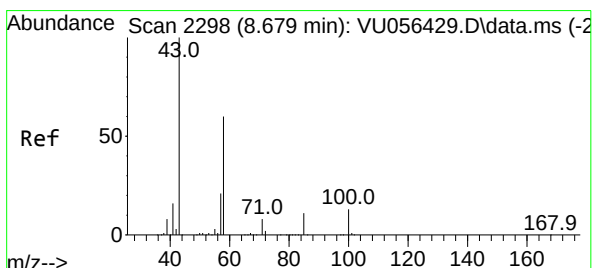
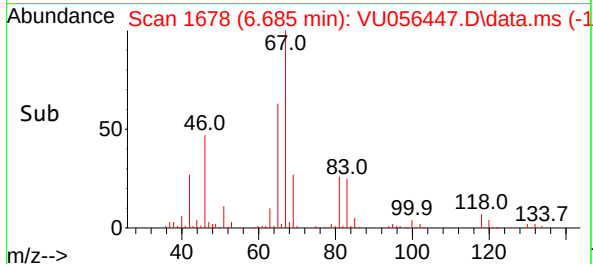
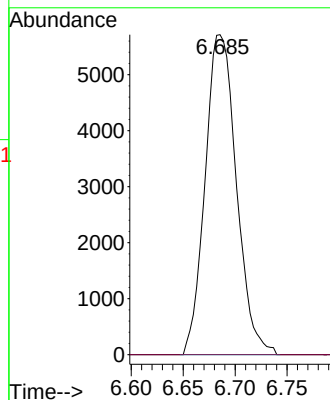
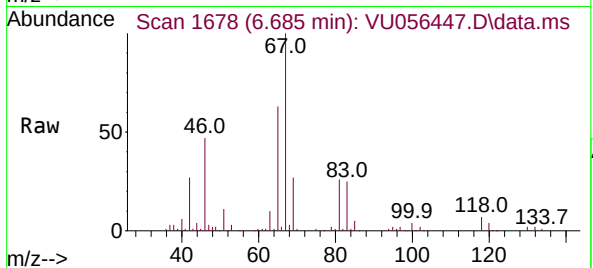
ClientSampleId :

Tgt Ion: 63 Resp: 11985

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#48

2-Hexanone

Concen: 0.860 ug/L

RT: 8.692 min Scan# 2302

Delta R.T. 0.013 min

Lab File: VU056447.D

Acq: 17 Nov 2023 17:19

Tgt Ion: 43 Resp: 7260

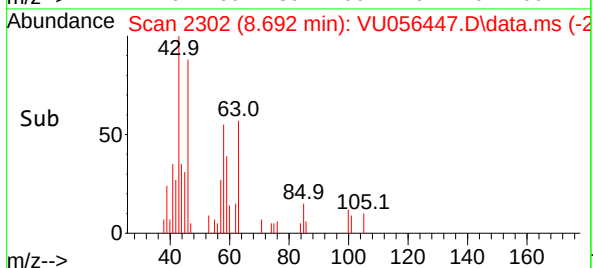
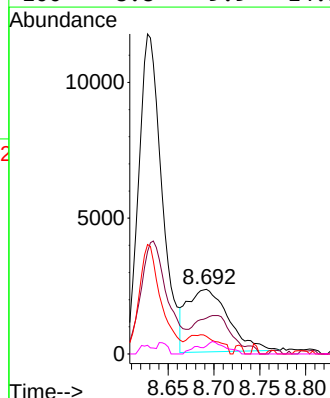
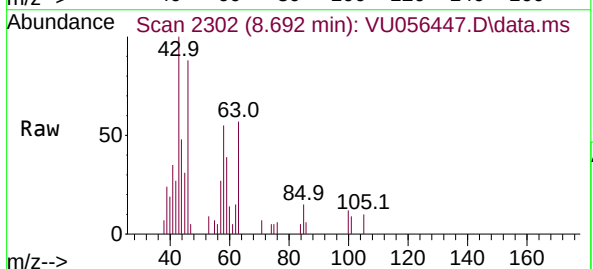
Ion Ratio Lower Upper

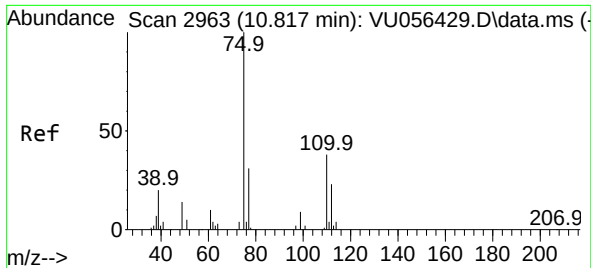
43 100

58 40.8 48.7 73.1#

57 0.0 16.8 25.2#

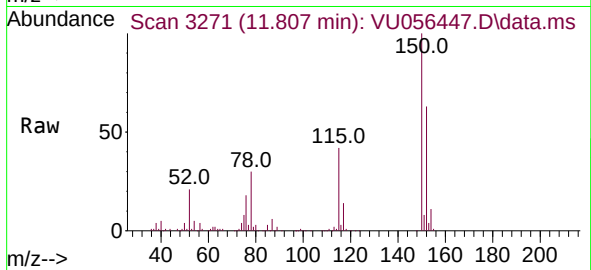
100 8.8 9.9 14.9#





#61
 1,2,3-Trichloropropane
 Concen: 1.432 ug/L
 RT: 11.807 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU056447.D
 Acq: 17 Nov 2023 17:19

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 15228
 Ion Ratio Lower Upper
 75 100
 110 3.6 30.4 45.6#
 77 33.5 27.0 40.6

