

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111823\
 Data File : VU056476.D
 Acq On : 18 Nov 2023 13:16
 Operator : MD/SY
 Sample : 05436-13
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 18 23:12:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 18 00:12:04 2023
 Response via : Initial Calibration

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

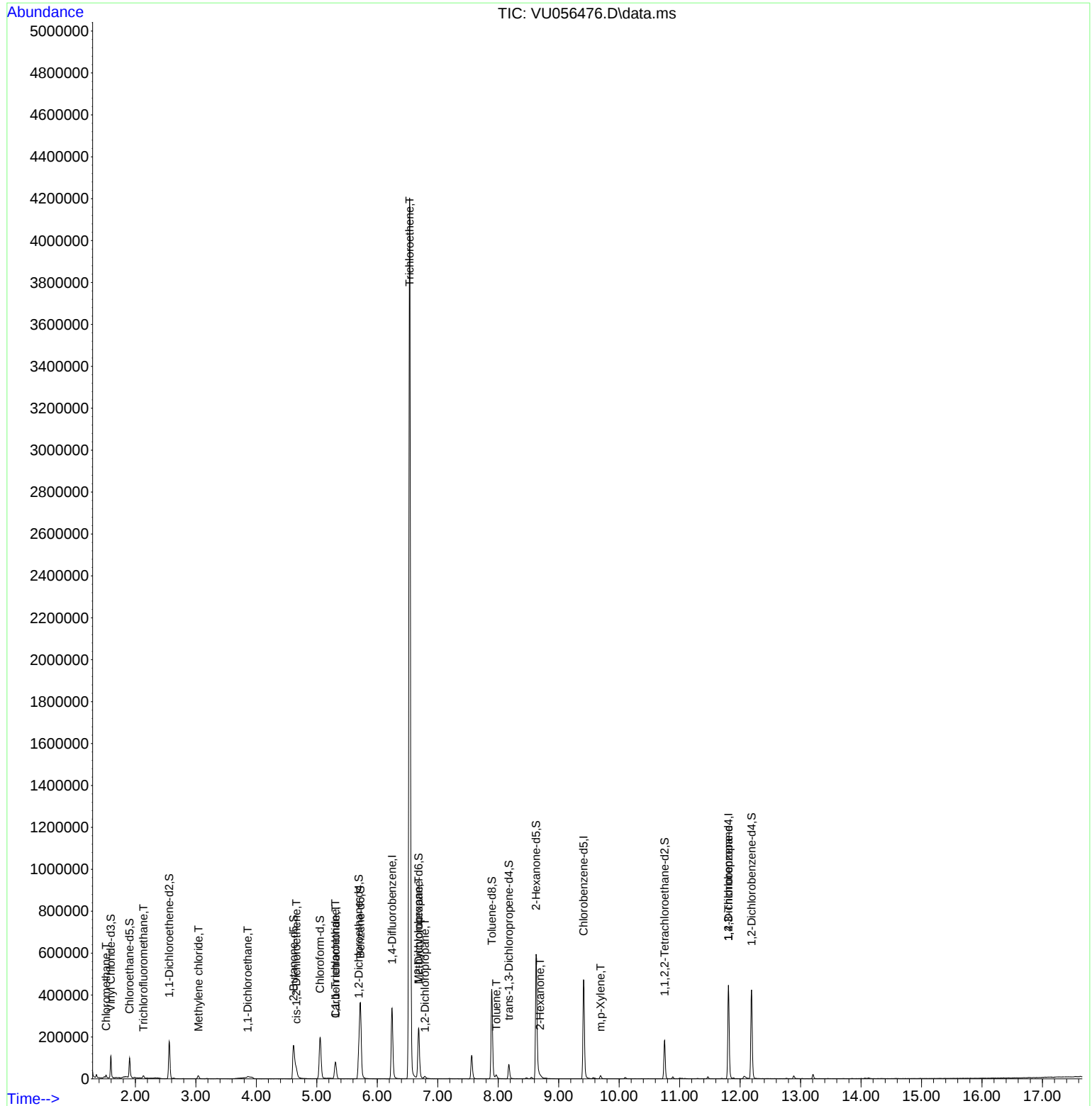
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	276420	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	275720	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	116706	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	72504	3.507	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.200%
7) Chloroethane-d5	1.904	69	70241	4.431	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.600%
11) 1,1-Dichloroethene-d2	2.560	65	33946	3.720	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.400%
20) 2-Butanone-d5	4.615	46	244353	59.270	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.540%
24) Chloroform-d	5.055	84	189025	4.727	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.600%
26) 1,2-Dichloroethane-d4	5.695	65	100622	5.445	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.000%
32) Benzene-d6	5.721	84	346342	4.216	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.400%
36) 1,2-Dichloropropane-d6	6.685	67	119699	4.835	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.600%
41) Toluene-d8	7.894	98	287893	3.969	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.400%
43) trans-1,3-Dichloroprop...	8.177	79	41931	4.416	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.400%
46) 2-Hexanone-d5	8.627	63	196772	52.733	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.460%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	92499	5.229	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.600%
66) 1,2-Dichlorobenzene-d4	12.190	152	112368	5.212	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.200%
Target Compounds						Qvalue
3) Chloromethane	1.515	50	7697	0.344	ug/L	94
9) Trichlorofluoromethane	2.132	101	7157	0.230	ug/L	99
16) Methylene chloride	3.042	84	7164	0.320	ug/L	85
19) 1,1-Dichloroethane	3.859	63	4560	0.132	ug/L #	81
22) cis-1,2-Dichloroethene	4.663	96	16582	0.840	ug/L	97
29) 1,1,1-Trichloroethane	5.309	97	58779	1.857	ug/L	99
31) Carbon tetrachloride	5.312	117	7324	0.269	ug/L	99
34) Trichloroethene	6.537	95	1485064	69.281	ug/L	98
35) Methylcyclohexane	6.685	83	27439	0.887	ug/L #	18
37) 1,2-Dichloropropane	6.788	63	3705	0.181	ug/L #	90
42) Toluene	7.968	91	13134	0.161	ug/L	96
48) 2-Hexanone	8.692	43	10148	1.281	ug/L #	90
53) m,p-Xylene	9.692	106	4517	0.136	ug/L	91
61) 1,2,3-Trichloropropane	11.807	75	14143	1.412	ug/L #	68

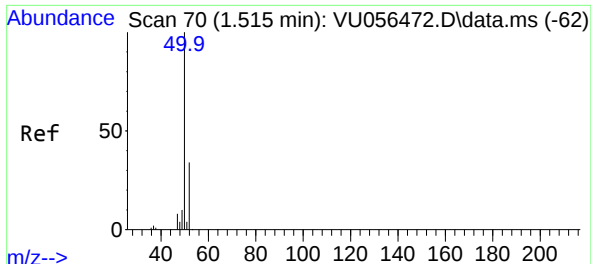
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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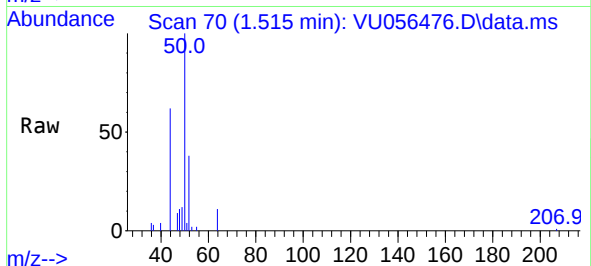
Quant Time: Nov 18 23:12:52 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Nov 18 00:12:04 2023
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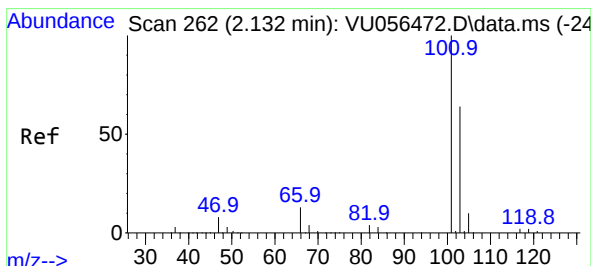
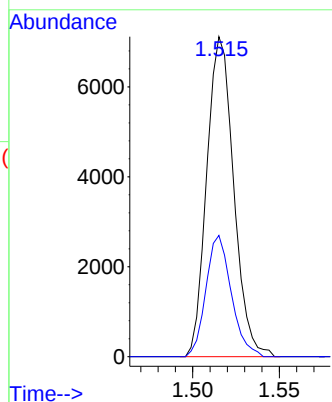
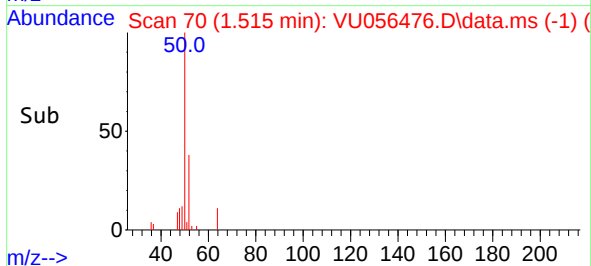


#3
Chloromethane
Concen: 0.344 ug/L
RT: 1.515 min Scan# 70
Delta R.T. -0.000 min
Lab File: VU056476.D
Acq: 18 Nov 2023 13:16

Instrument :
MSVOA_U
ClientSampleId :

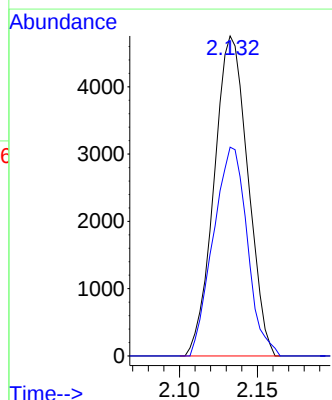
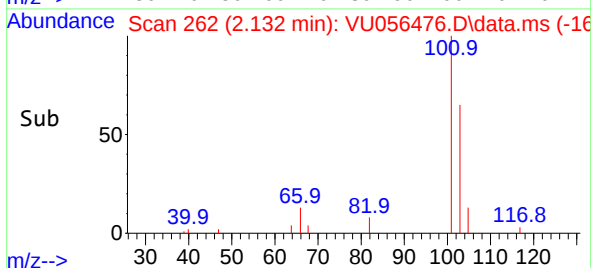
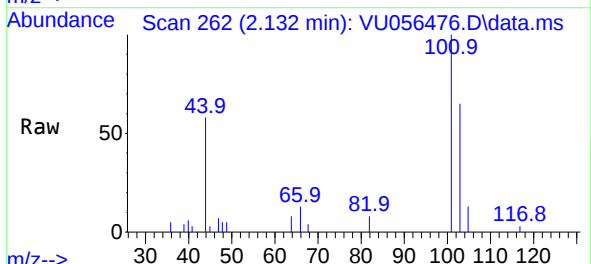


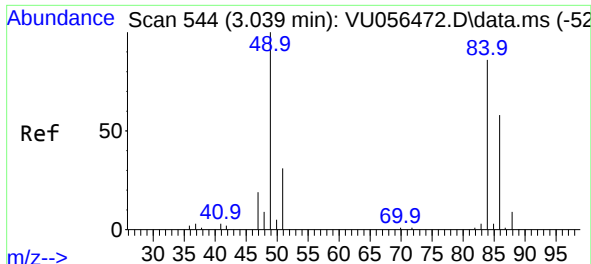
Tgt Ion: 50 Resp: 7697
Ion Ratio Lower Upper
50 100
52 37.9 24.3 45.1



#9
Trichlorofluoromethane
Concen: 0.230 ug/L
RT: 2.132 min Scan# 262
Delta R.T. -0.000 min
Lab File: VU056476.D
Acq: 18 Nov 2023 13:16

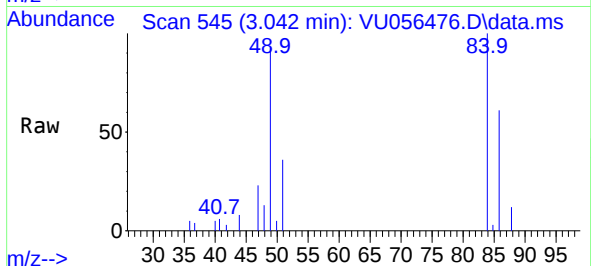
Tgt Ion: 101 Resp: 7157
Ion Ratio Lower Upper
101 100
103 65.7 52.0 78.0



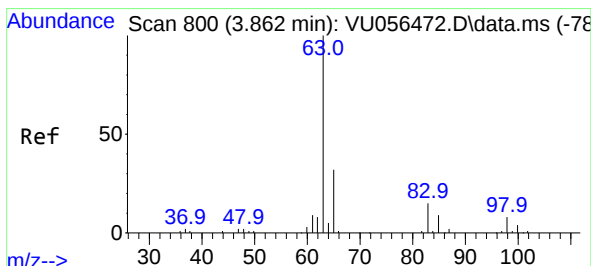
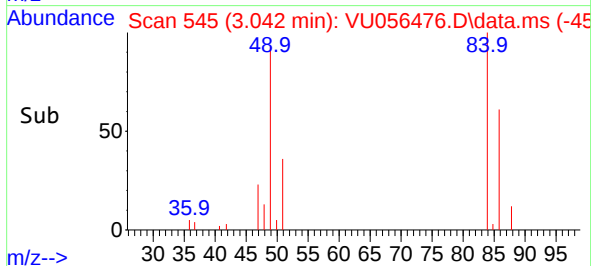
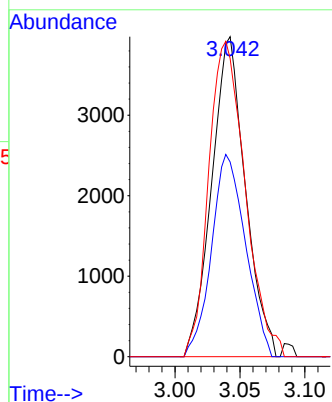


#16
Methylene chloride
Concen: 0.320 ug/L
RT: 3.042 min Scan# 544
Delta R.T. 0.003 min
Lab File: VU056476.D
Acq: 18 Nov 2023 13:16

Instrument :
MSVOA_U
ClientSampleId :

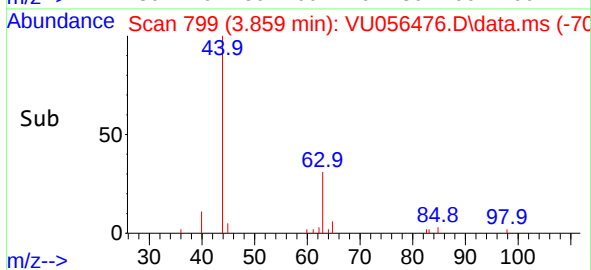
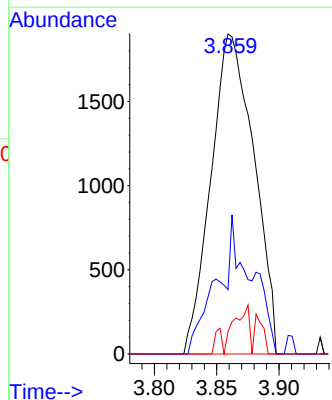
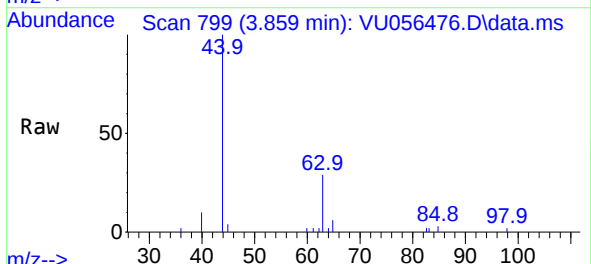


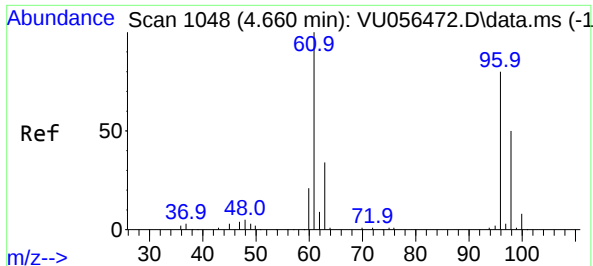
Tgt Ion: 84 Resp: 7164
Ion Ratio Lower Upper
84 100
86 60.8 44.7 83.1
49 93.2 81.8 152.0



#19
1,1-Dichloroethane
Concen: 0.132 ug/L
RT: 3.859 min Scan# 799
Delta R.T. -0.003 min
Lab File: VU056476.D
Acq: 18 Nov 2023 13:16

Tgt Ion: 63 Resp: 4560
Ion Ratio Lower Upper
63 100
65 20.1 21.8 40.6#
83 7.0 9.7 17.9#





#22

cis-1,2-Dichloroethene

Concen: 0.840 ug/L

RT: 4.663 min Scan# 1048

Delta R.T. 0.003 min

Lab File: VU056476.D

Acq: 18 Nov 2023 13:16

Instrument :

MSVOA_U

ClientSampleId :

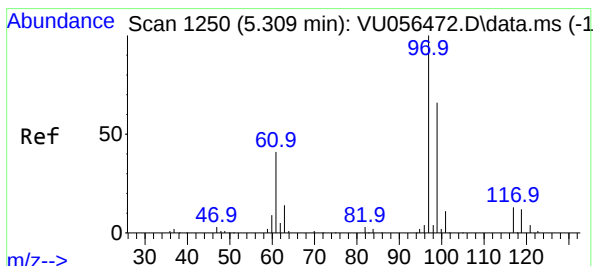
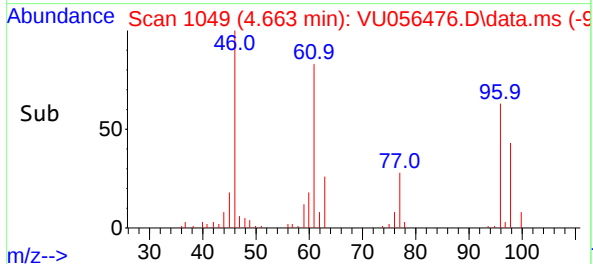
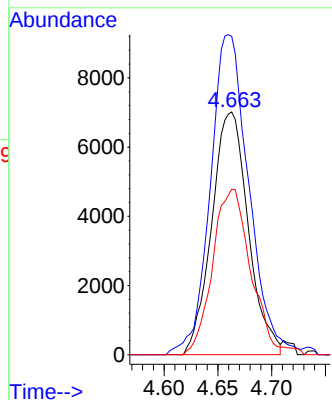
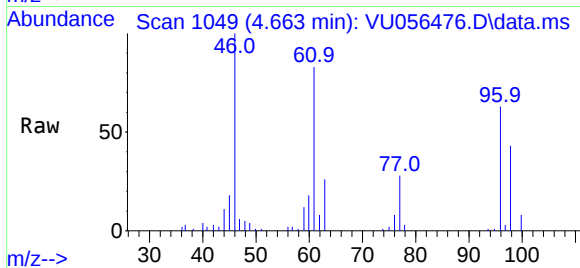
Tgt Ion: 96 Resp: 16582

Ion Ratio Lower Upper

96 100

61 131.1 93.2 173.2

98 68.2 44.8 83.2



#29

1,1,1-Trichloroethane

Concen: 1.857 ug/L

RT: 5.309 min Scan# 1250

Delta R.T. -0.000 min

Lab File: VU056476.D

Acq: 18 Nov 2023 13:16

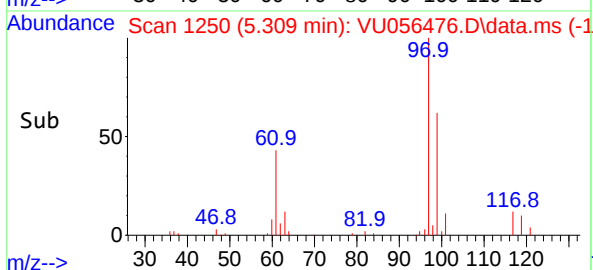
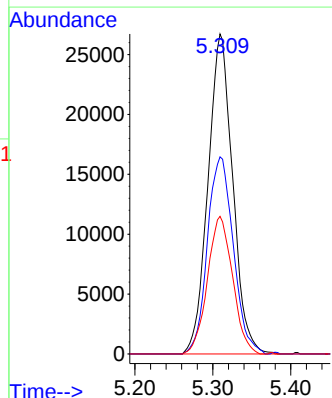
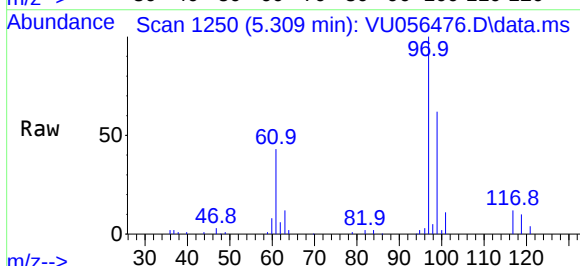
Tgt Ion: 97 Resp: 58779

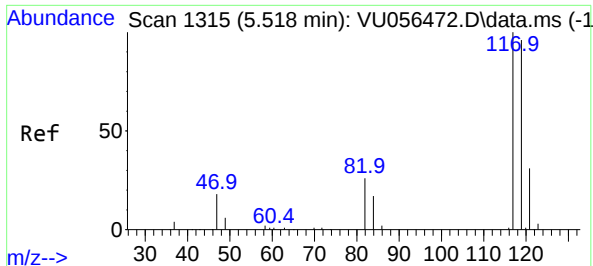
Ion Ratio Lower Upper

97 100

99 64.7 51.6 77.4

61 43.8 34.3 51.5

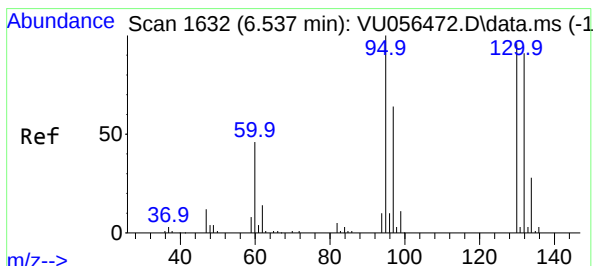
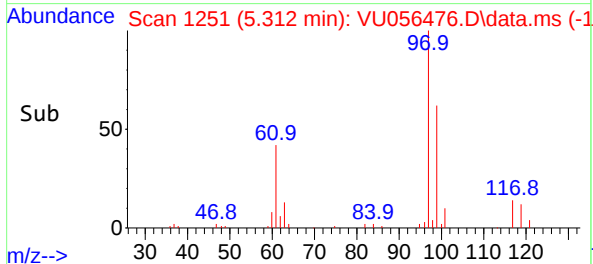
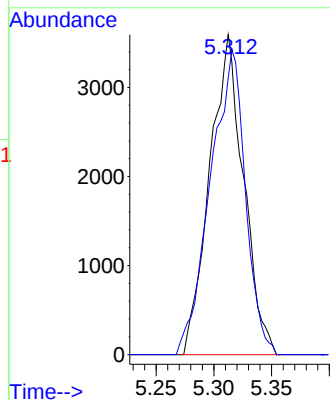
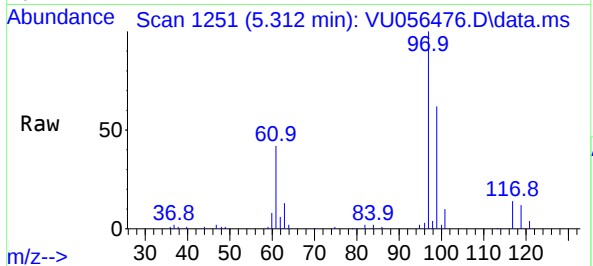




#31
Carbon tetrachloride
Concen: 0.269 ug/L
RT: 5.312 min Scan# 117
Delta R.T. -0.206 min
Lab File: VU056476.D
Acq: 18 Nov 2023 13:16

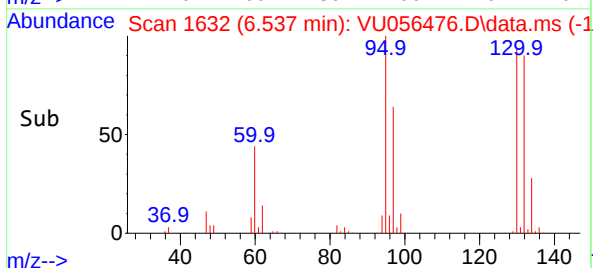
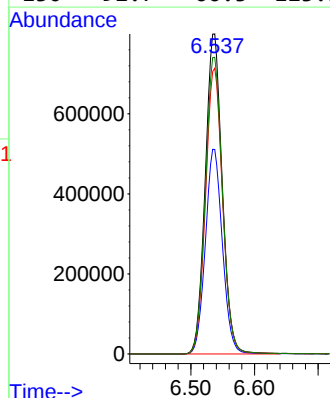
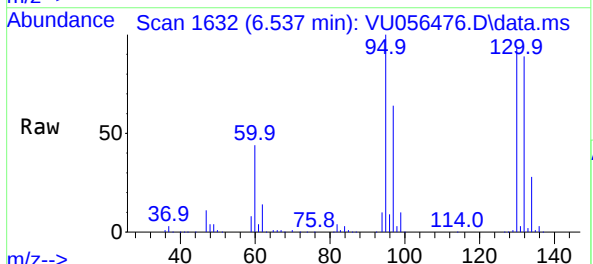
Instrument :
MSVOA_U
ClientSampleId :

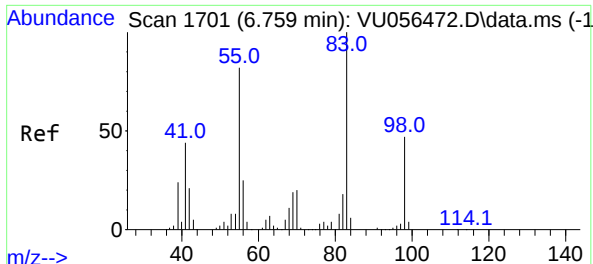
Tgt Ion:117 Resp: 7324
Ion Ratio Lower Upper
117 100
119 98.3 78.1 117.1



#34
Trichloroethene
Concen: 69.281 ug/L
RT: 6.537 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VU056476.D
Acq: 18 Nov 2023 13:16

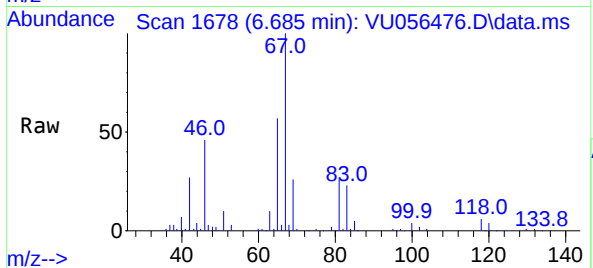
Tgt Ion: 95 Resp: 1485064
Ion Ratio Lower Upper
95 100
97 63.9 46.5 86.3
132 89.3 62.0 115.2
130 92.7 66.3 123.1



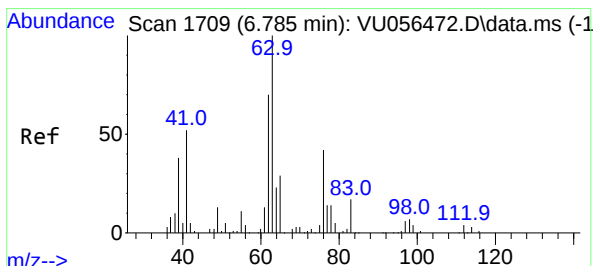
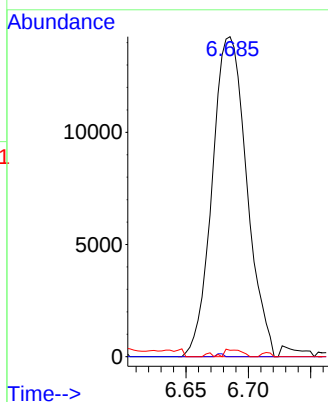
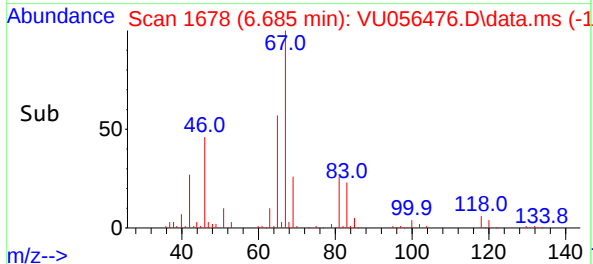


#35
Methylcyclohexane
Concen: 0.887 ug/L
RT: 6.685 min Scan# 11
Delta R.T. -0.074 min
Lab File: VU056476.D
Acq: 18 Nov 2023 13:16

Instrument :
MSVOA_U
ClientSampleId :

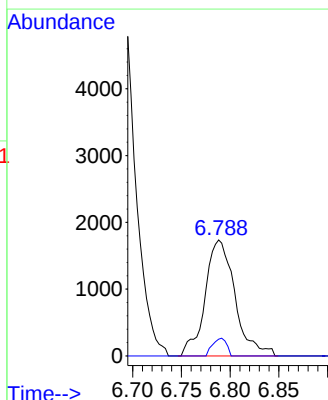
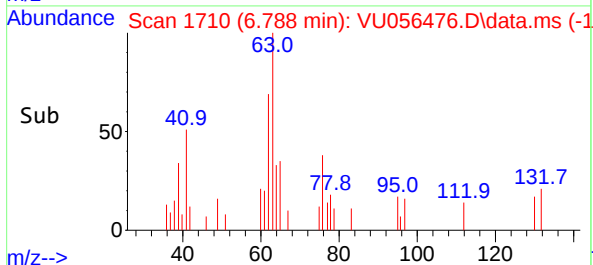
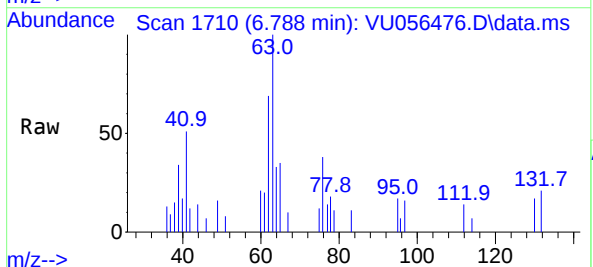


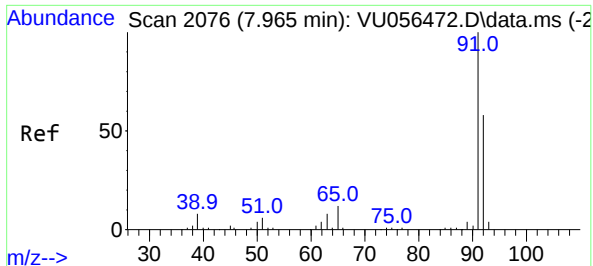
Tgt Ion: 83 Resp: 27439
Ion Ratio Lower Upper
83 100
55 0.2 62.9 94.3#
98 0.0 35.3 52.9#



#37
1,2-Dichloropropane
Concen: 0.181 ug/L
RT: 6.788 min Scan# 1710
Delta R.T. 0.003 min
Lab File: VU056476.D
Acq: 18 Nov 2023 13:16

Tgt Ion: 63 Resp: 3705
Ion Ratio Lower Upper
63 100
112 7.2 3.2 4.8#





#42

Toluene

Concen: 0.161 ug/L

RT: 7.968 min Scan# 2076

Delta R.T. 0.003 min

Lab File: VU056476.D

Acq: 18 Nov 2023 13:16

Instrument :

MSVOA_U

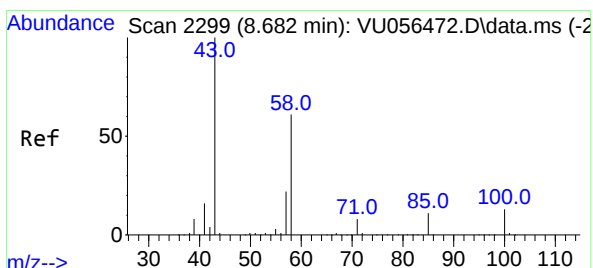
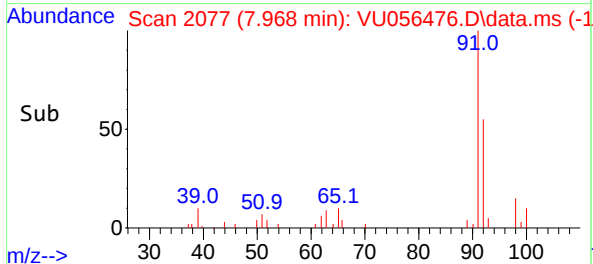
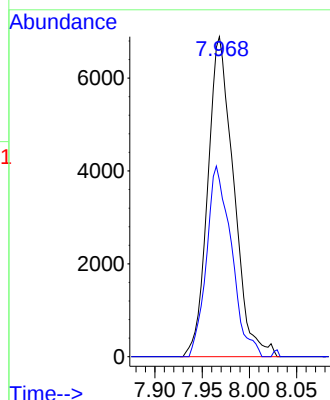
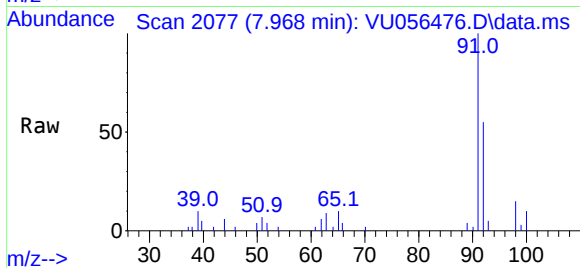
ClientSampleId :

Tgt Ion: 91 Resp: 13134

Ion Ratio Lower Upper

91 100

92 55.2 40.6 75.4



#48

2-Hexanone

Concen: 1.281 ug/L

RT: 8.692 min Scan# 2302

Delta R.T. 0.013 min

Lab File: VU056476.D

Acq: 18 Nov 2023 13:16

Tgt Ion: 43 Resp: 10148

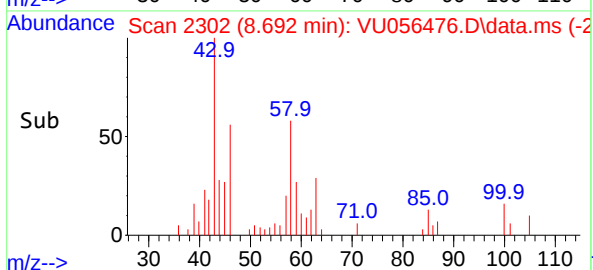
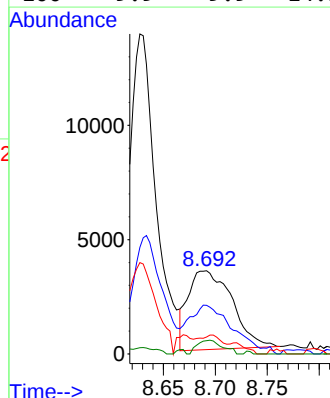
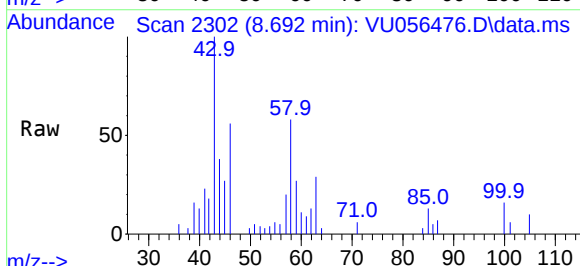
Ion Ratio Lower Upper

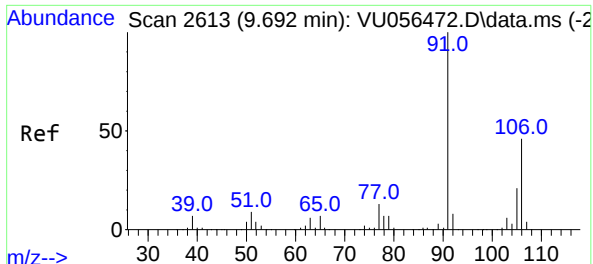
43 100

58 62.2 48.7 73.1

57 3.7 16.8 25.2#

100 9.9 9.9 14.9#

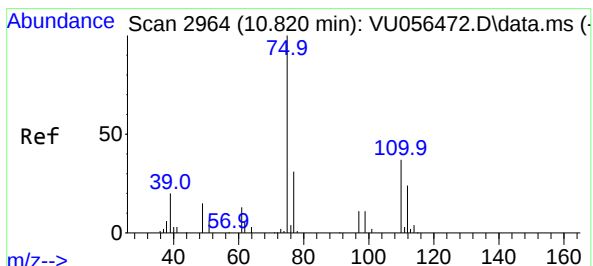
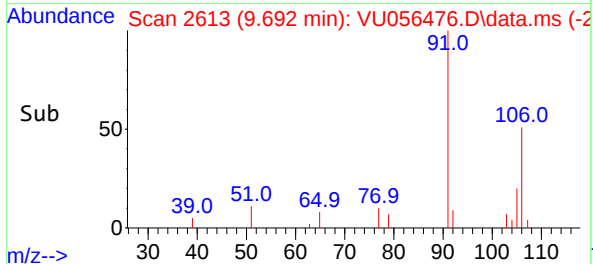
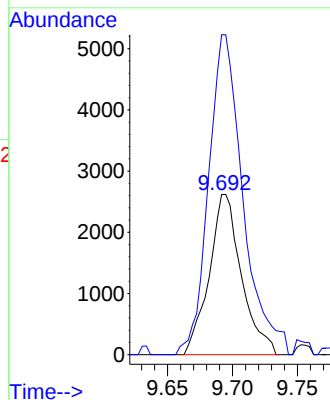
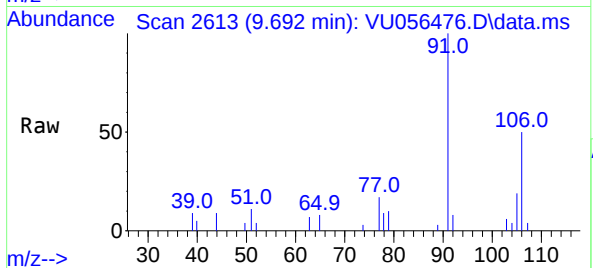




#53
m,p-Xylene
Concen: 0.136 ug/L
RT: 9.692 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU056476.D
Acq: 18 Nov 2023 13:16

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:106 Resp: 4517
Ion Ratio Lower Upper
106 100
91 199.7 149.6 277.8



#61
1,2,3-Trichloropropane
Concen: 1.412 ug/L
RT: 11.807 min Scan# 3271
Delta R.T. 0.990 min
Lab File: VU056476.D
Acq: 18 Nov 2023 13:16

Tgt Ion: 75 Resp: 14143
Ion Ratio Lower Upper
75 100
110 2.7 30.4 45.6#
77 33.2 27.0 40.6

