

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121124\
 Data File : VU062271.D
 Acq On : 12 Dec 2024 04:50
 Operator : MD/SY
 Sample : P5251-10
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 12 05:59:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 12 01:45:00 2024
 Response via : Initial Calibration

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

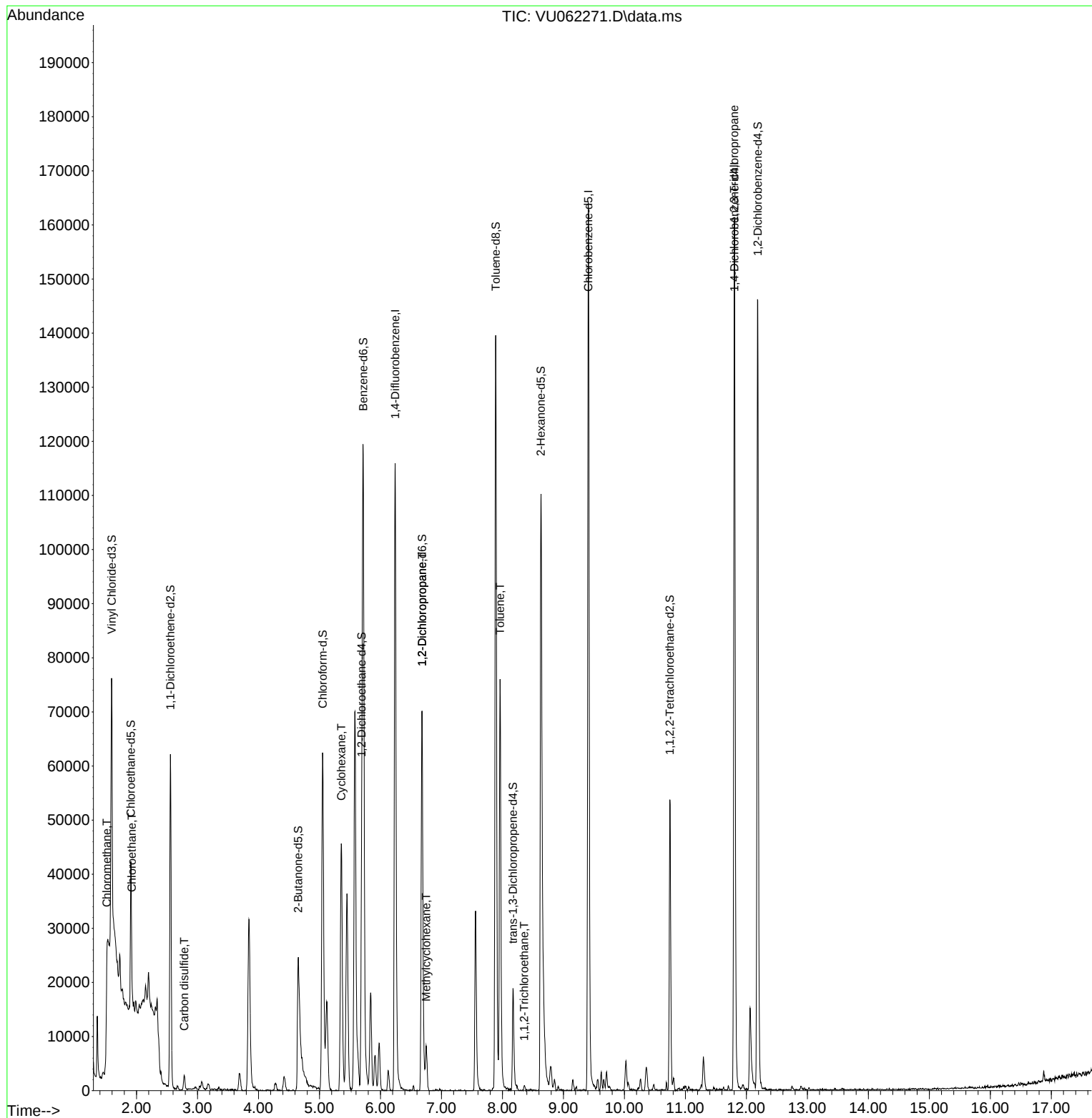
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	99928	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	95384	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	46691	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	22983	3.410	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	68.200%	
7) Chloroethane-d5	1.907	69	20090	4.190	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	83.800%	
11) 1,1-Dichloroethene-d2	2.557	65	11657	3.635	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	72.800%	
20) 2-Butanone-d5	4.653	46	45330	35.092	ug/L	0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	70.180%	
24) Chloroform-d	5.052	84	62494	4.284	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	85.600%	
26) 1,2-Dichloroethane-d4	5.692	65	32432	4.521	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	90.400%	
32) Benzene-d6	5.717	84	114737	4.177	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	83.600%	
36) 1,2-Dichloropropane-d6	6.682	67	33185	4.222	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	84.400%	
41) Toluene-d8	7.891	98	98995	3.815	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	76.200%	
43) trans-1,3-Dichloroprop...	8.174	79	12570	3.633	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	72.600%	
46) 2-Hexanone-d5	8.630	63	44797	42.917	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	85.840%	
56) 1,1,2,2-Tetrachloroeth...	10.746	84	26117	4.270	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	85.400%	
66) 1,2-Dichlorobenzene-d4	12.187	152	38843	4.515	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	90.200%	
Target Compounds						Qvalue
3) Chloromethane	1.515	50	1419	0.193	ug/L #	69
8) Chloroethane	1.920	64	957	0.224	ug/L #	52
14) Carbon disulfide	2.782	76	3884	0.182	ug/L #	92
30) Cyclohexane	5.361	56	10117	0.930	ug/L #	54
35) Methylcyclohexane	6.750	83	3175	0.256	ug/L	94
37) 1,2-Dichloropropane	6.682	63	4172	0.580	ug/L #	87
42) Toluene	7.962	91	58007	1.820	ug/L	97
45) 1,1,2-Trichloroethane	8.357	97	555	0.102	ug/L #	14
61) 1,2,3-Trichloropropane	11.801	75	4587	1.062	ug/L #	59

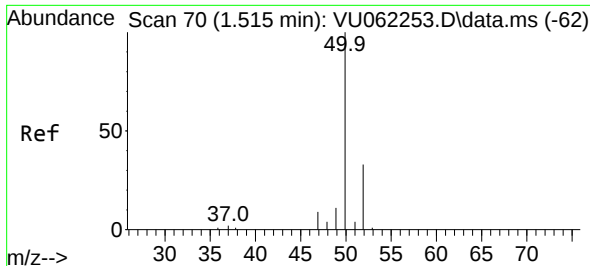
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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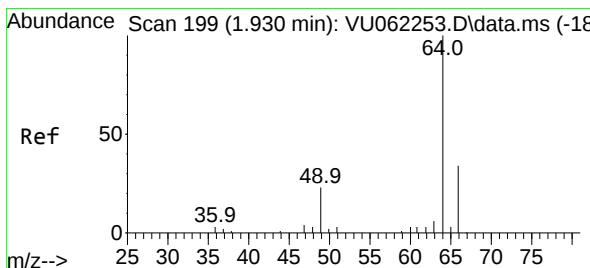
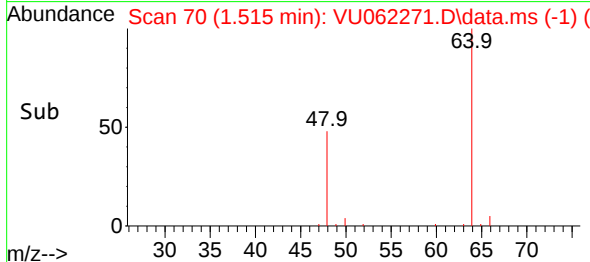
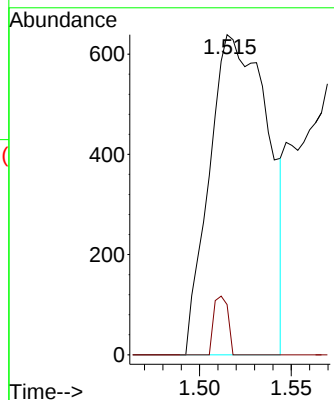
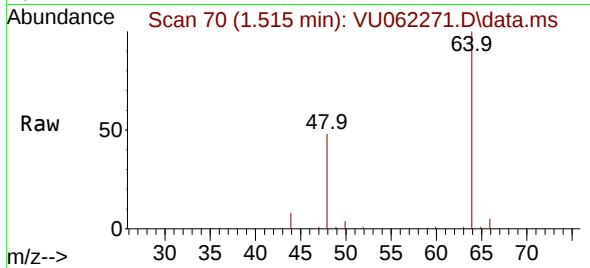




#3
Chloromethane
Concen: 0.193 ug/L
RT: 1.515 min Scan# 70
Delta R.T. -0.000 min
Lab File: VU062271.D
Acq: 12 Dec 2024 04:50

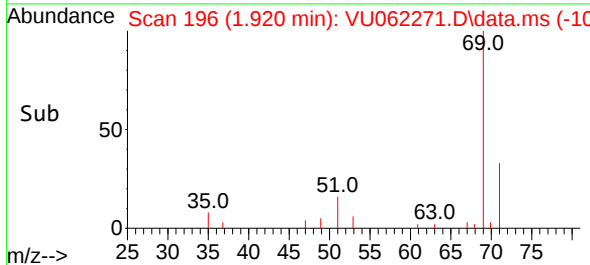
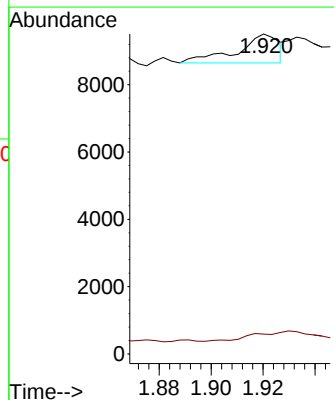
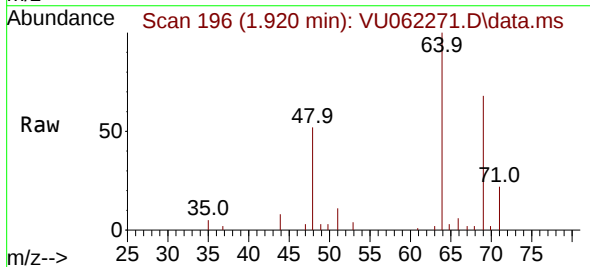
Instrument :
MSVOA_U
ClientSampleId :

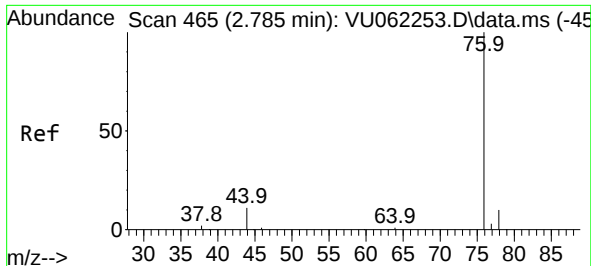
Tgt Ion: 50 Resp: 1419
Ion Ratio Lower Upper
50 100
52 15.6 23.1 42.9#



#8
Chloroethane
Concen: 0.224 ug/L
RT: 1.920 min Scan# 196
Delta R.T. -0.010 min
Lab File: VU062271.D
Acq: 12 Dec 2024 04:50

Tgt Ion: 64 Resp: 957
Ion Ratio Lower Upper
64 100
66 6.1 23.2 43.2#





#14

Carbon disulfide

Concen: 0.182 ug/L

RT: 2.782 min Scan# 4

Delta R.T. -0.003 min

Lab File: VU062271.D

Acq: 12 Dec 2024 04:50

Instrument :

MSVOA_U

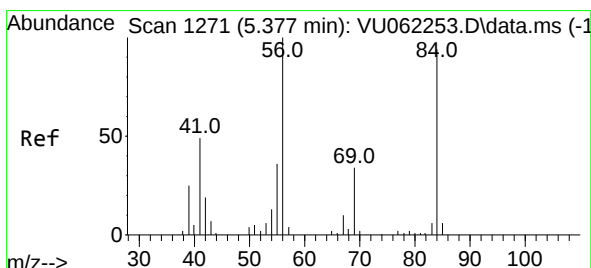
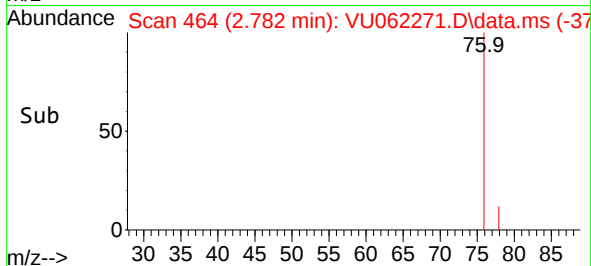
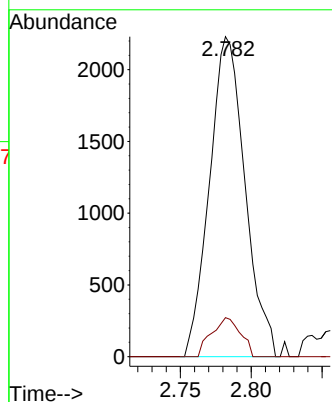
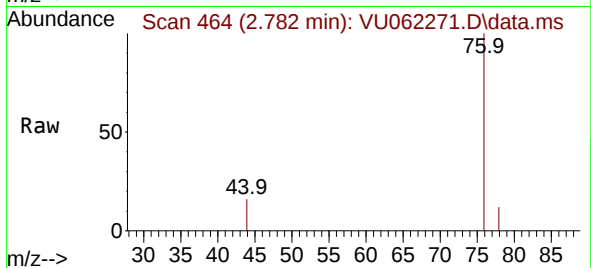
ClientSampleId :

Tgt Ion: 76 Resp: 3884

Ion Ratio Lower Upper

76 100

78 12.2 7.5 11.3#



#30

Cyclohexane

Concen: 0.930 ug/L

RT: 5.361 min Scan# 1266

Delta R.T. -0.016 min

Lab File: VU062271.D

Acq: 12 Dec 2024 04:50

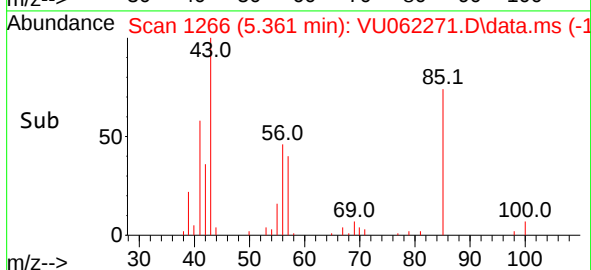
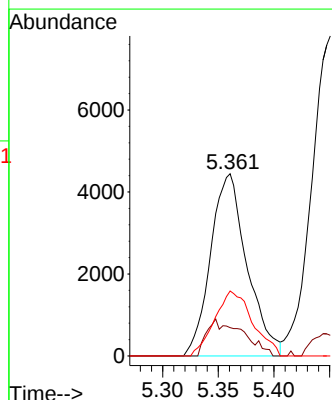
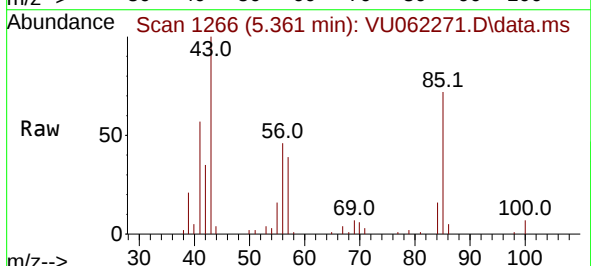
Tgt Ion: 56 Resp: 10117

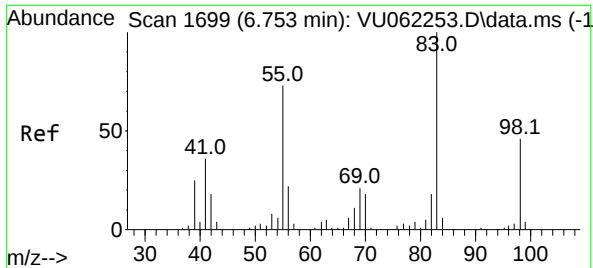
Ion Ratio Lower Upper

56 100

69 20.0 25.1 37.7#

84 37.1 70.6 105.8#





#35

Methylcyclohexane

Concen: 0.256 ug/L

RT: 6.750 min Scan# 1699

Delta R.T. -0.003 min

Lab File: VU062271.D

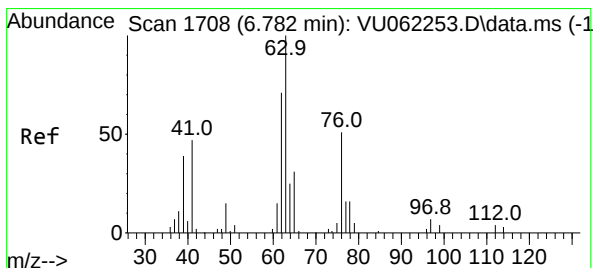
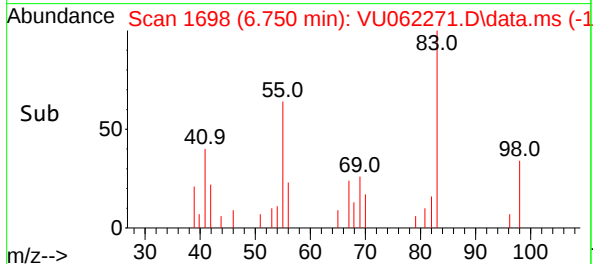
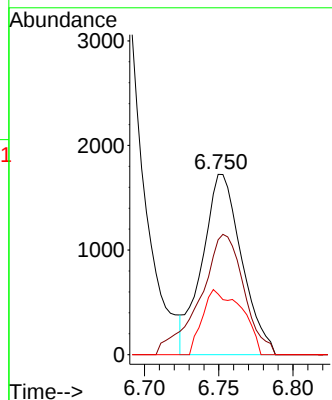
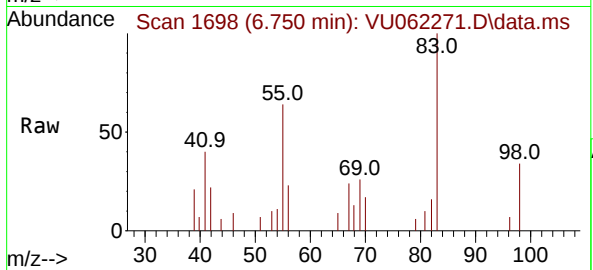
Acq: 12 Dec 2024 04:50

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp: 3175
Ion Ratio	Lower Upper
83	100
55	74.2 60.7 91.1
98	35.9 34.8 52.2



#37

1,2-Dichloropropane

Concen: 0.580 ug/L

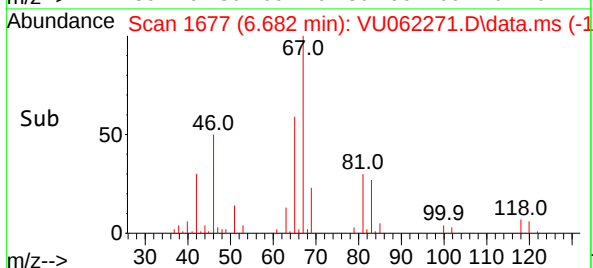
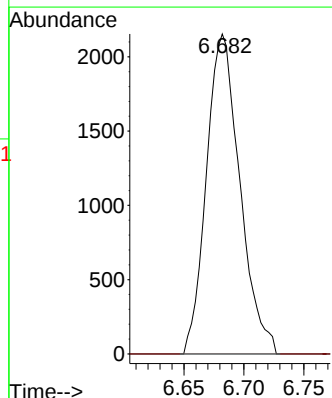
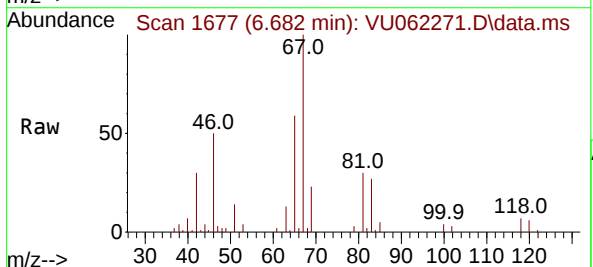
RT: 6.682 min Scan# 1677

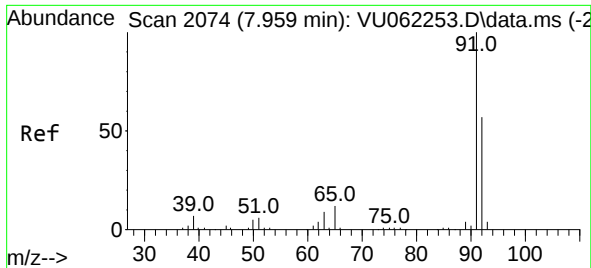
Delta R.T. -0.100 min

Lab File: VU062271.D

Acq: 12 Dec 2024 04:50

Tgt Ion: 63	Resp: 4172
Ion Ratio	Lower Upper
63	100
112	0.0 3.4 5.0#





#42

Toluene

Concen: 1.820 ug/L

RT: 7.962 min Scan# 2074

Delta R.T. 0.003 min

Lab File: VU062271.D

Acq: 12 Dec 2024 04:50

Instrument :

MSVOA_U

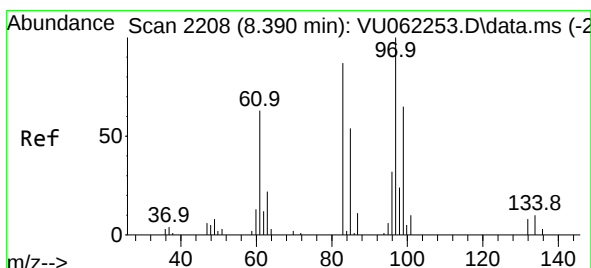
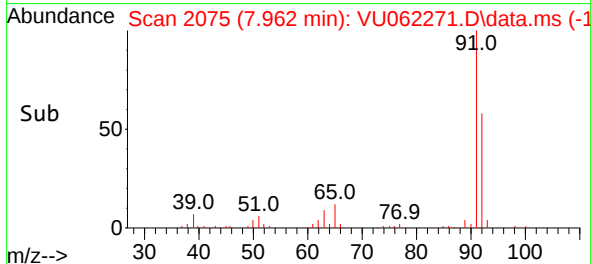
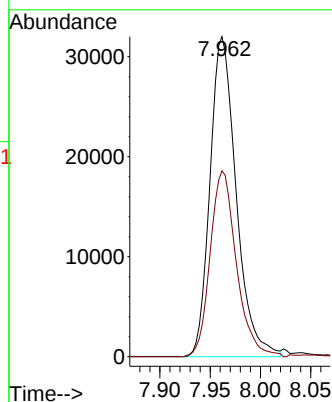
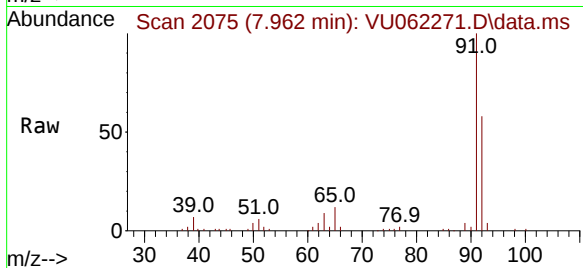
ClientSampleId :

Tgt Ion: 91 Resp: 58007

Ion Ratio Lower Upper

91 100

92 58.1 39.0 72.4



#45

1,1,2-Trichloroethane

Concen: 0.102 ug/L

RT: 8.357 min Scan# 2198

Delta R.T. -0.032 min

Lab File: VU062271.D

Acq: 12 Dec 2024 04:50

Tgt Ion: 97 Resp: 555

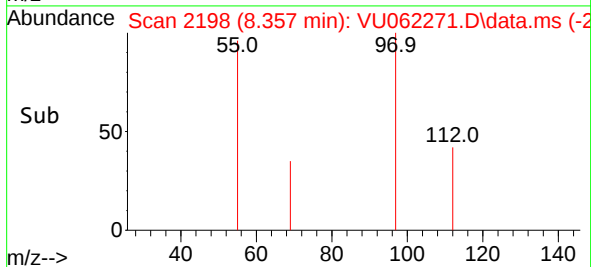
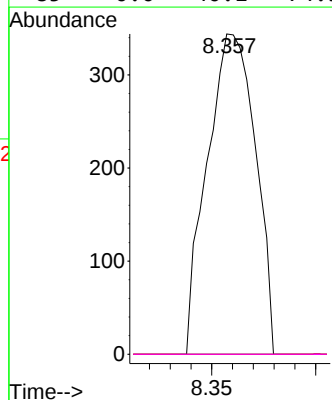
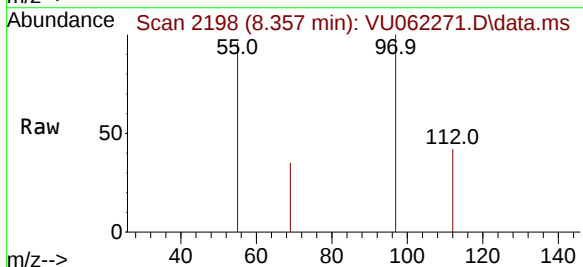
Ion Ratio Lower Upper

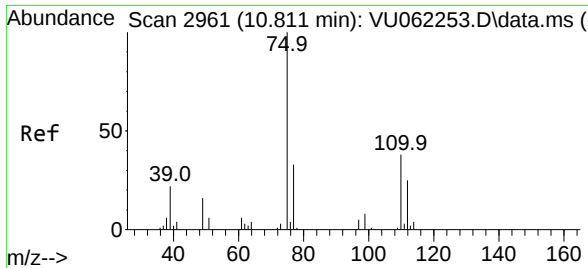
97 100

99 0.0 43.0 79.8#

83 0.0 61.7 114.5#

85 0.0 40.1 74.5#





#61
 1,2,3-Trichloropropane
 Concen: 1.062 ug/L
 RT: 11.801 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU062271.D
 Acq: 12 Dec 2024 04:50

Instrument :
 MSVOA_U
 ClientSampleId :

Tgt Ion: 75	Resp:	4587
Ion Ratio	Lower	Upper
75	100	
110	0.0	28.9 43.3#
77	43.5	26.5 39.7#

