

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111624\
 Data File : VU061750.D
 Acq On : 16 Nov 2024 17:25
 Operator : MD/SY
 Sample : P4804-20DL 4X
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 18 00:23:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Nov 18 00:17:37 2024
 Response via : Initial Calibration

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

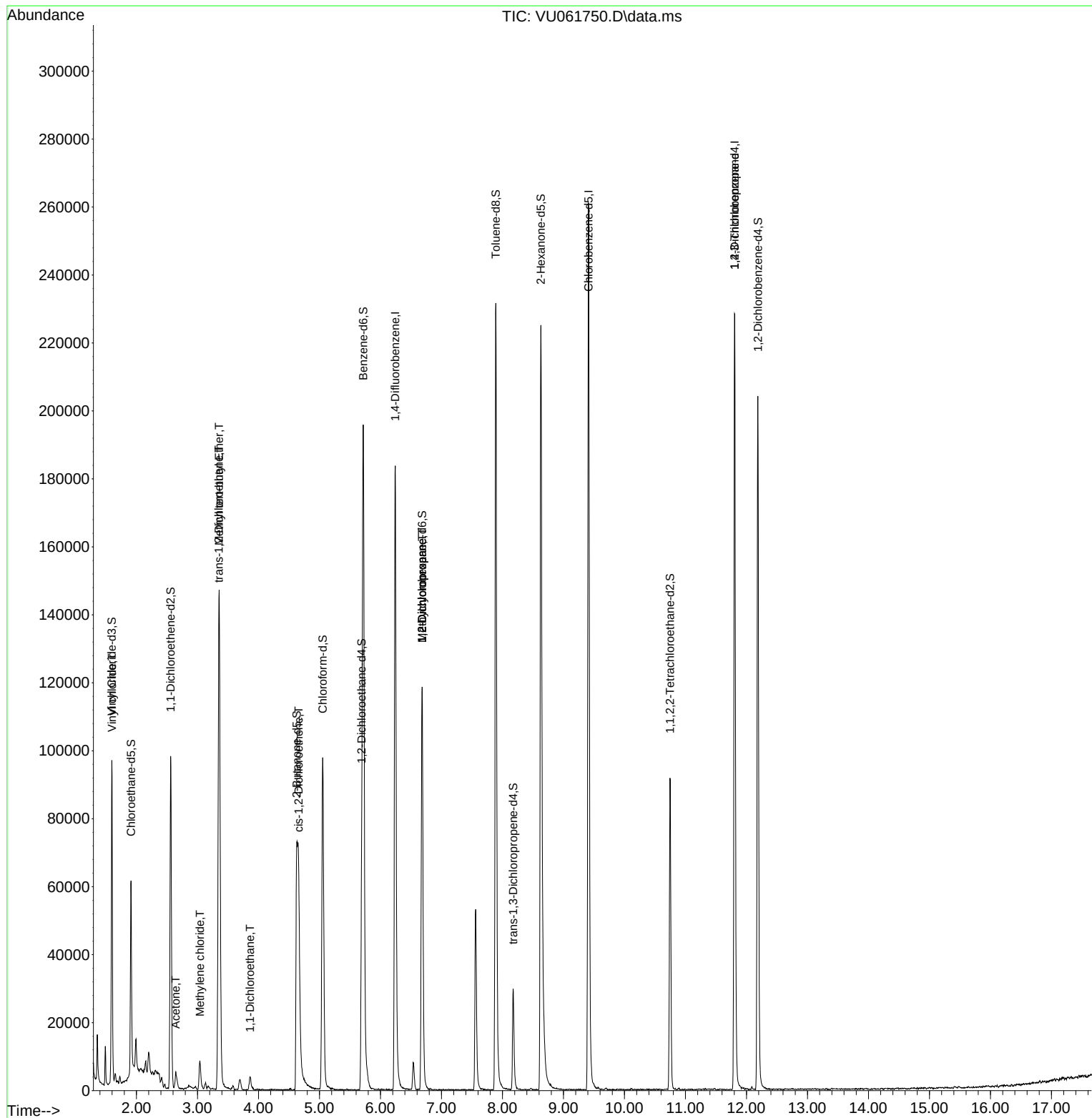
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	163777	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	156157	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	66010	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	39585	3.741	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.800%
7) Chloroethane-d5	1.911	69	40098	4.439	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.800%
11) 1,1-Dichloroethene-d2	2.560	65	17855	3.761	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.200%
20) 2-Butanone-d5	4.628	46	110572	49.230	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.460%
24) Chloroform-d	5.052	84	92606	4.403	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.000%
26) 1,2-Dichloroethane-d4	5.692	65	49188	4.873	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.400%
32) Benzene-d6	5.718	84	190101	4.400	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.000%
36) 1,2-Dichloropropane-d6	6.682	67	60667	4.761	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.200%
41) Toluene-d8	7.891	98	168875	4.194	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.800%
43) trans-1,3-Dichloroprop...	8.174	79	18495	3.941	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.800%
46) 2-Hexanone-d5	8.628	63	89096	48.041	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.080%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	47200	4.699	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	57093	4.856	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.200%
Target Compounds						Qvalue
5) Vinyl chloride	1.599	62	14201	1.165	ug/L	97
13) Acetone	2.641	43	7098	5.016	ug/L	99
16) Methylene chloride	3.039	84	4211	0.370	ug/L	92
17) Methyl tert-butyl Ether	3.354	73	154609	6.380	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	6965	0.642	ug/L	86
19) 1,1-Dichloroethane	3.862	63	5032	0.255	ug/L	98
22) cis-1,2-Dichloroethene	4.660	96	23987	1.961	ug/L	96
35) Methylcyclohexane	6.682	83	13681	0.711	ug/L #	21
37) 1,2-Dichloropropane	6.682	63	6414	0.535	ug/L #	89
61) 1,2,3-Trichloropropane	11.807	75	8205	1.319	ug/L #	65

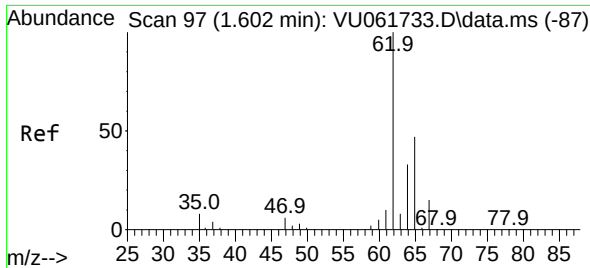
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111624\
Data File : VU061750.D
Acq On : 16 Nov 2024 17:25
Operator : MD/SY
Sample : P4804-20DL 4X
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Nov 18 00:23:00 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Mon Nov 18 00:17:37 2024
Response via : Initial Calibration

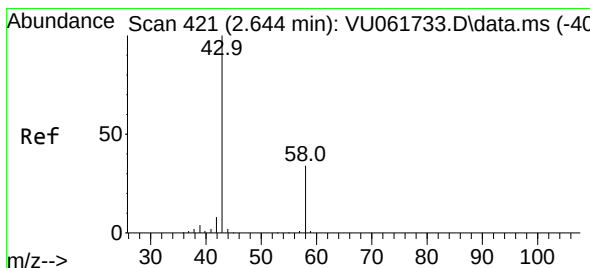
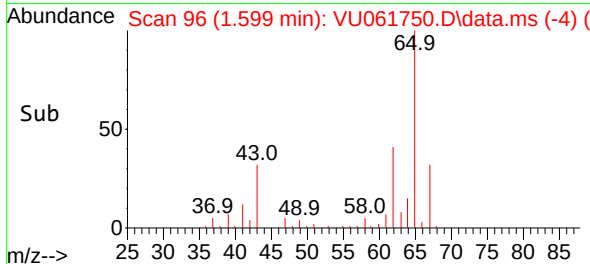
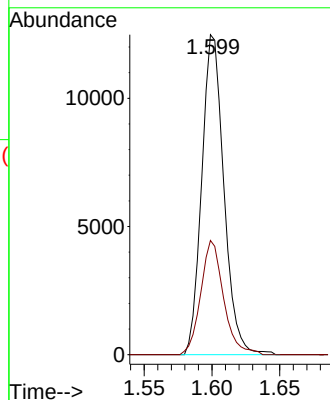
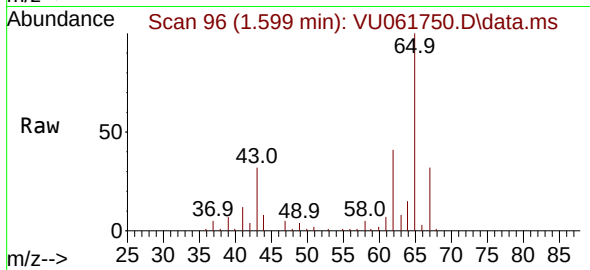




#5
Vinyl chloride
Concen: 1.165 ug/L
RT: 1.599 min Scan# 90
Delta R.T. -0.003 min
Lab File: VU061750.D
Acq: 16 Nov 2024 17:25

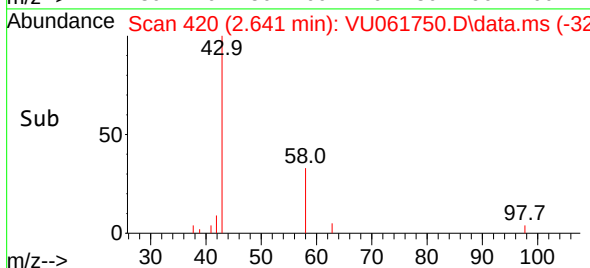
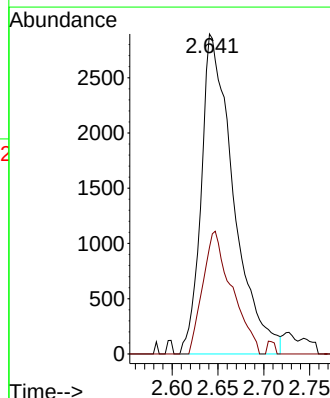
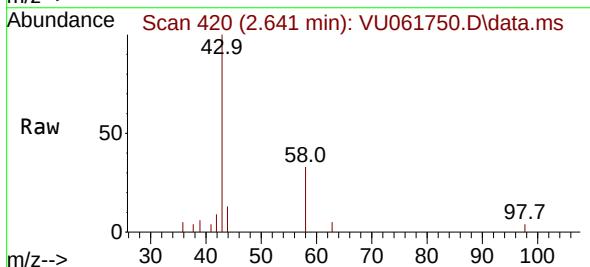
Instrument :
MSVOA_U
ClientSampleId :

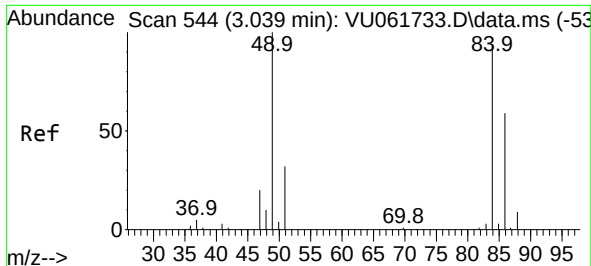
Tgt Ion: 62 Resp: 14201
Ion Ratio Lower Upper
62 100
64 35.7 23.7 44.1



#13
Acetone
Concen: 5.016 ug/L
RT: 2.641 min Scan# 420
Delta R.T. -0.003 min
Lab File: VU061750.D
Acq: 16 Nov 2024 17:25

Tgt Ion: 43 Resp: 7098
Ion Ratio Lower Upper
43 100
58 34.5 0.0 69.8

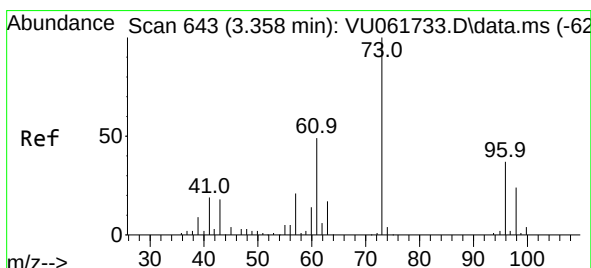
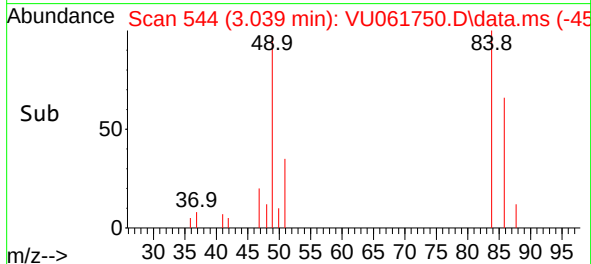
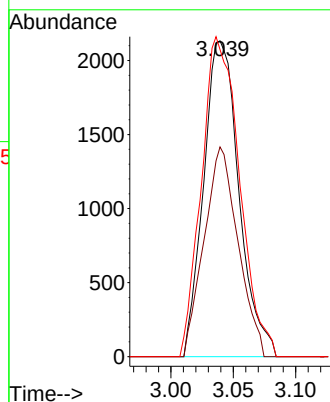
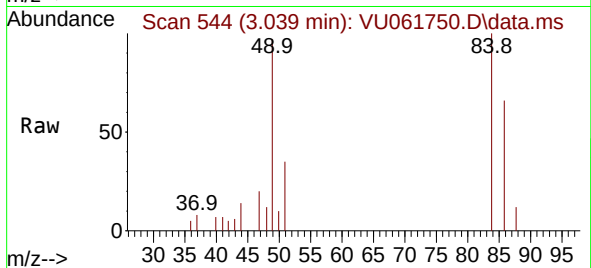




#16
Methylene chloride
Concen: 0.370 ug/L
RT: 3.039 min Scan# 544
Delta R.T. 0.000 min
Lab File: VU061750.D
Acq: 16 Nov 2024 17:25

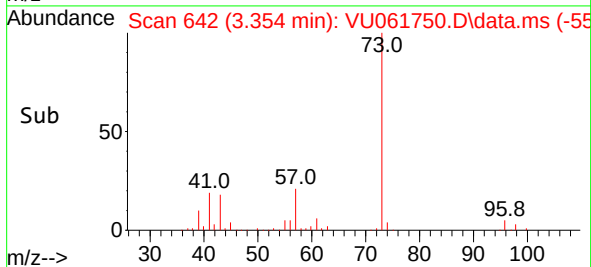
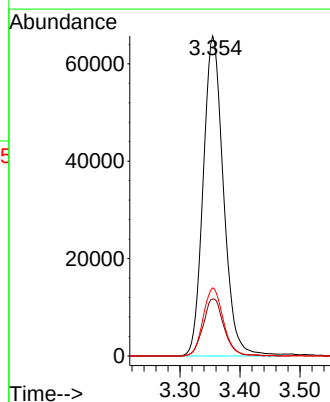
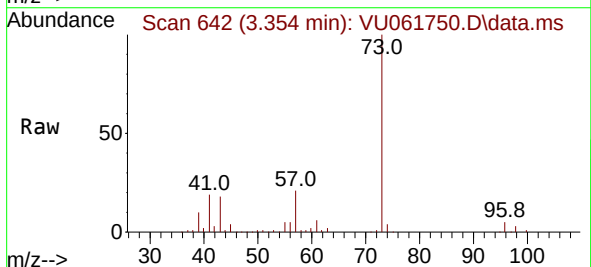
Instrument :
MSVOA_U
ClientSampleId :

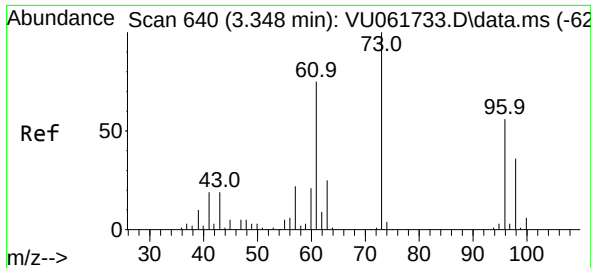
Tgt Ion: 84 Resp: 4211
Ion Ratio Lower Upper
84 100
86 66.4 45.1 83.7
49 97.2 76.3 141.7



#17
Methyl tert-butyl Ether
Concen: 6.380 ug/L
RT: 3.354 min Scan# 642
Delta R.T. -0.003 min
Lab File: VU061750.D
Acq: 16 Nov 2024 17:25

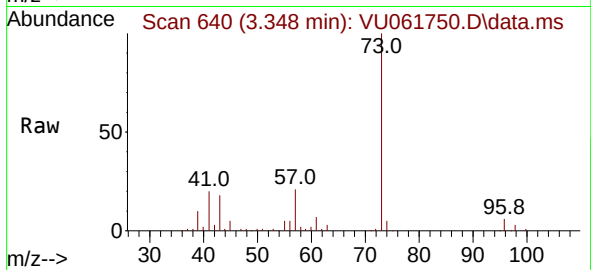
Tgt Ion: 73 Resp: 154609
Ion Ratio Lower Upper
73 100
43 18.3 14.2 21.4
57 21.1 16.9 25.3



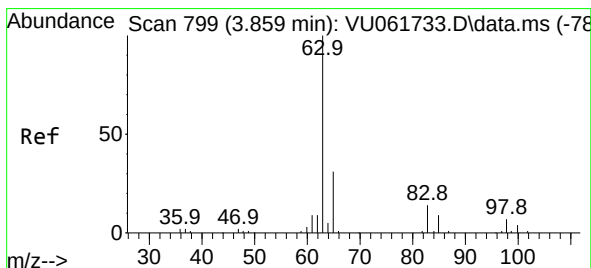
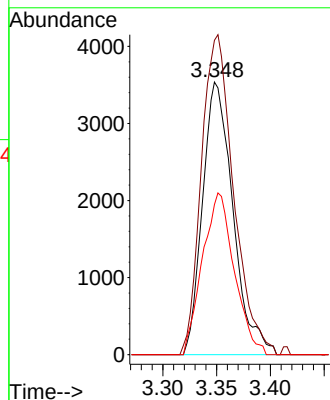
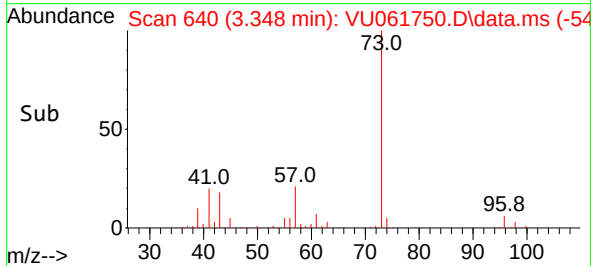


#18
trans-1,2-Dichloroethene
Concen: 0.642 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.000 min
Lab File: VU061750.D
Acq: 16 Nov 2024 17:25

Instrument :
MSVOA_U
ClientSampleId :

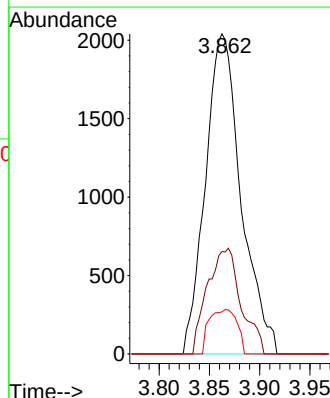
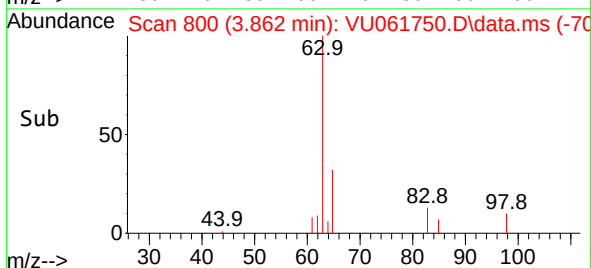
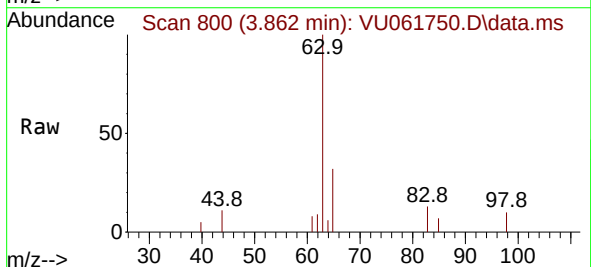


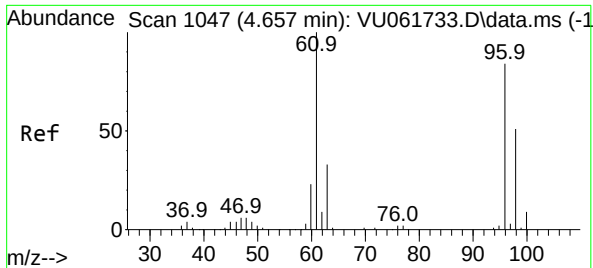
Tgt Ion: 96 Resp: 6965
Ion Ratio Lower Upper
96 100
61 115.3 94.1 174.8
98 55.1 43.2 80.2



#19
1,1-Dichloroethane
Concen: 0.255 ug/L
RT: 3.862 min Scan# 800
Delta R.T. 0.003 min
Lab File: VU061750.D
Acq: 16 Nov 2024 17:25

Tgt Ion: 63 Resp: 5032
Ion Ratio Lower Upper
63 100
65 32.0 23.4 43.4
83 13.1 9.6 17.8

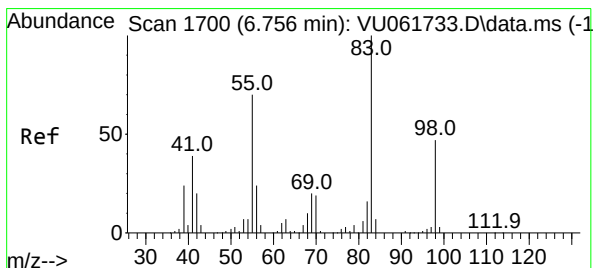
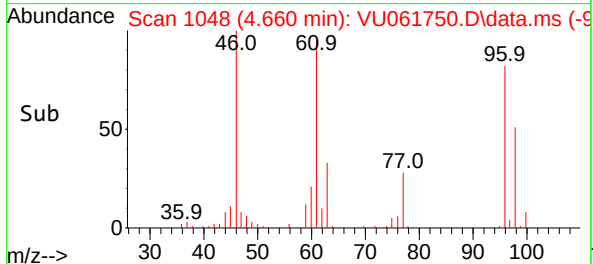
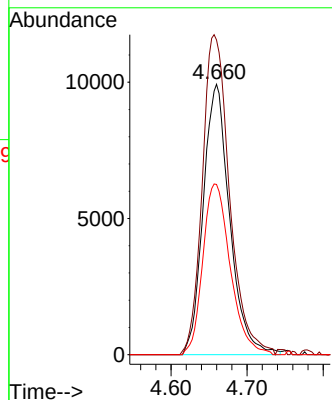
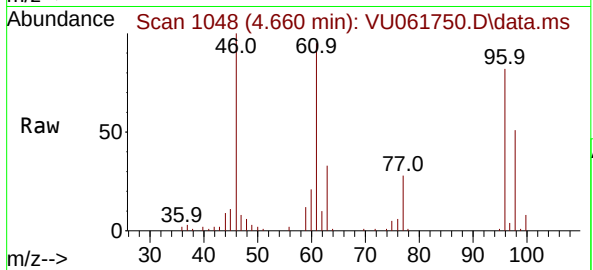




#22
 cis-1,2-Dichloroethene
 Concen: 1.961 ug/L
 RT: 4.660 min Scan# 1047
 Delta R.T. 0.003 min
 Lab File: VU061750.D
 Acq: 16 Nov 2024 17:25

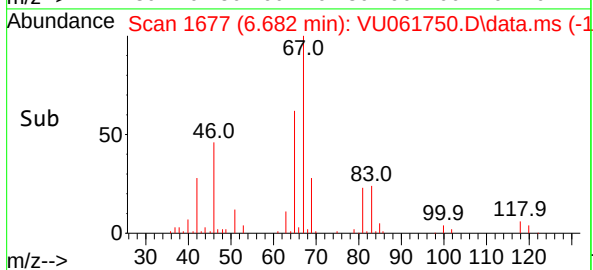
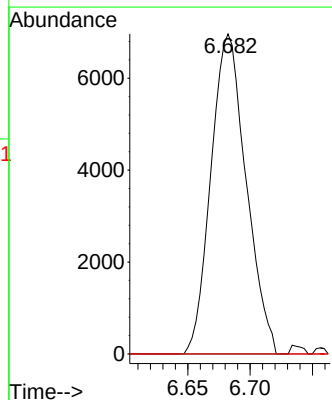
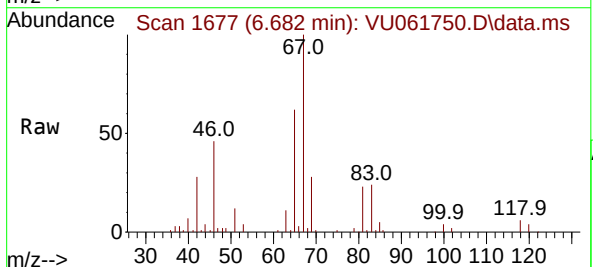
Instrument :
 MSVOA_U
 ClientSampleId :

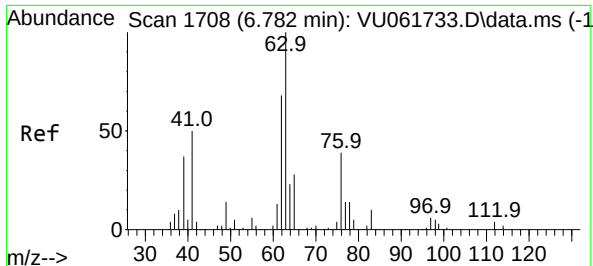
Tgt Ion: 96 Resp: 23987
 Ion Ratio Lower Upper
 96 100
 61 116.4 85.6 159.0
 98 63.0 45.6 84.8



#35
 Methylcyclohexane
 Concen: 0.711 ug/L
 RT: 6.682 min Scan# 1677
 Delta R.T. -0.074 min
 Lab File: VU061750.D
 Acq: 16 Nov 2024 17:25

Tgt Ion: 83 Resp: 13681
 Ion Ratio Lower Upper
 83 100
 55 0.0 56.4 84.6#
 98 1.1 37.7 56.5#





#37

1,2-Dichloropropane

Concen: 0.535 ug/L

RT: 6.682 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU061750.D

Acq: 16 Nov 2024 17:25

Instrument :

MSVOA_U

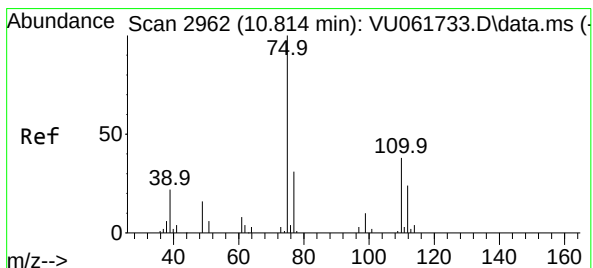
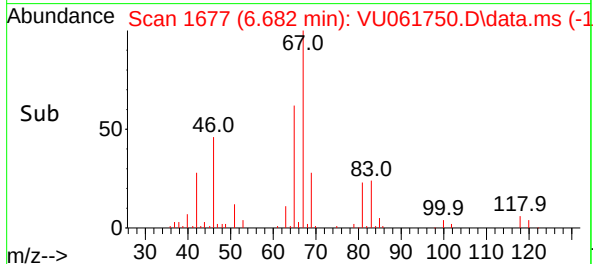
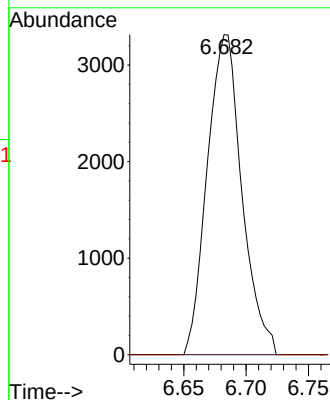
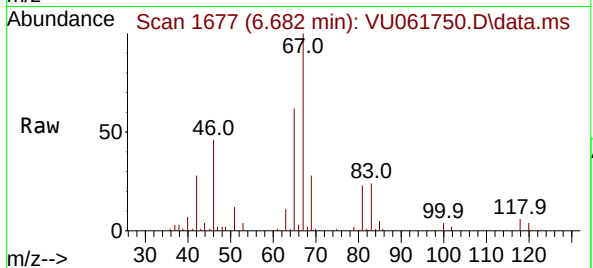
ClientSampleId :

Tgt Ion: 63 Resp: 6414

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.4#



#61

1,2,3-Trichloropropane

Concen: 1.319 ug/L

RT: 11.807 min Scan# 3271

Delta R.T. 0.994 min

Lab File: VU061750.D

Acq: 16 Nov 2024 17:25

Tgt Ion: 75 Resp: 8205

Ion Ratio Lower Upper

75 100

110 1.5 31.3 46.9#

77 33.8 26.0 39.0

