

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111624\
 Data File : VU061735.D
 Acq On : 16 Nov 2024 10:50
 Operator : MD/SY
 Sample : P4800-11
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 18 00:18:46 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)

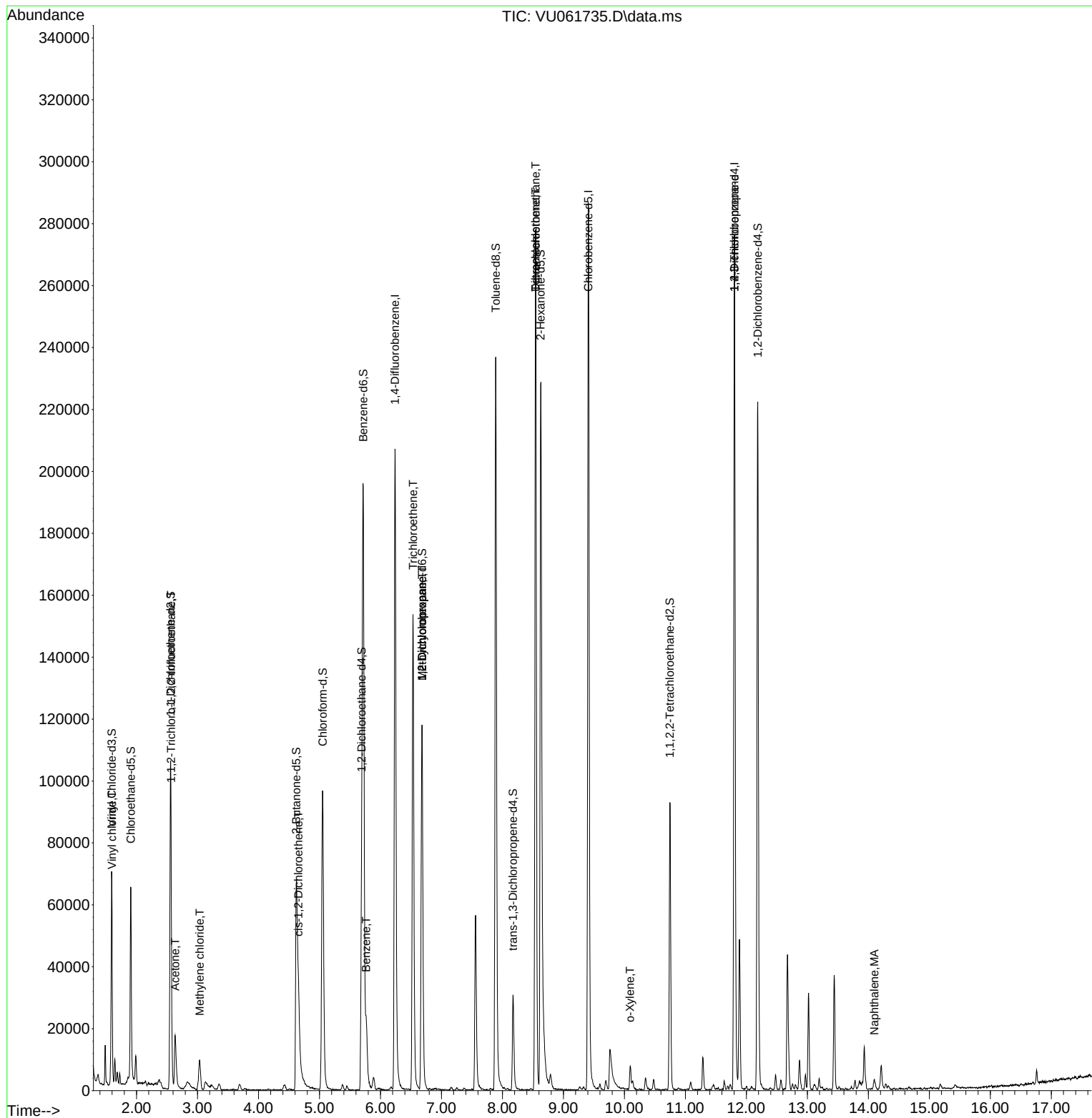
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	179652	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	169586	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	77209	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	41141	3.544	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.800%
7) Chloroethane-d5	1.907	69	43159	4.355	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.200%
11) 1,1-Dichloroethene-d2	2.560	65	18949	3.638	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.800%
20) 2-Butanone-d5	4.621	46	106356	43.169	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.340%
24) Chloroform-d	5.052	84	93656	4.059	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.200%
26) 1,2-Dichloroethane-d4	5.692	65	48935	4.420	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.400%
32) Benzene-d6	5.717	84	190559	4.062	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.200%
36) 1,2-Dichloropropane-d6	6.682	67	58745	4.245	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.000%
41) Toluene-d8	7.891	98	170359	3.896	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.000%
43) trans-1,3-Dichloroprop...	8.174	79	19352	3.797	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.000%
46) 2-Hexanone-d5	8.627	63	88201	43.792	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.580%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	47634	4.367	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	60632	4.409	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.200%
Target Compounds						Qvalue
5) Vinyl chloride	1.599	62	7121	0.533	ug/L	89
10) 1,1,2-Trichloro-1,2,2-...	2.566	101	3122	0.269	ug/L	97
13) Acetone	2.634	43	22597	14.558	ug/L	98
16) Methylene chloride	3.036	84	2041	0.163	ug/L	90
22) cis-1,2-Dichloroethene	4.656	96	8500	0.634	ug/L	98
33) Benzene	5.766	78	19309	0.376	ug/L	100
34) Trichloroethene	6.534	95	52534	3.791	ug/L	95
35) Methylcyclohexane	6.682	83	14488	0.693	ug/L #	24
37) 1,2-Dichloropropane	6.682	63	6357	0.488	ug/L #	89
47) Tetrachloroethene	8.544	164	60483	5.808	ug/L	99
49) Dibromochloromethane	8.544	129	59877	6.016	ug/L #	10
54) o-Xylene	10.093	106	2422	0.111	ug/L	83
61) 1,2,3-Trichloropropane	11.804	75	9181	1.262	ug/L #	67
71) Naphthalene	14.097	128	3460	0.181	ug/L #	88

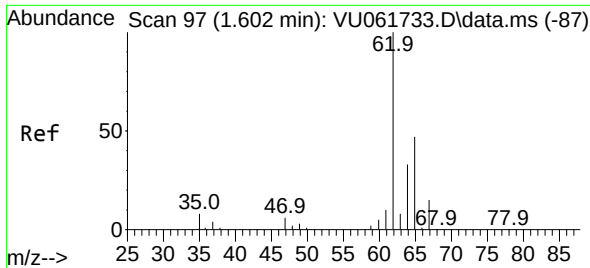
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

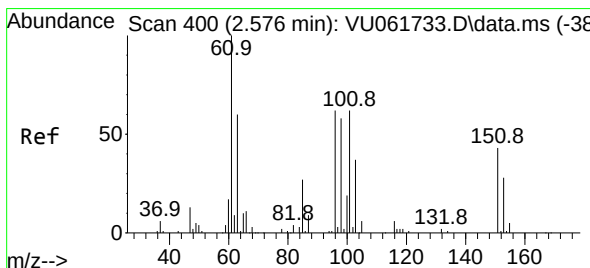
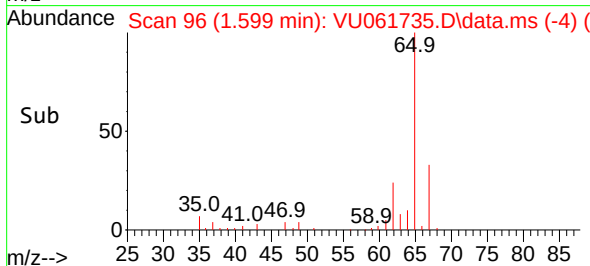
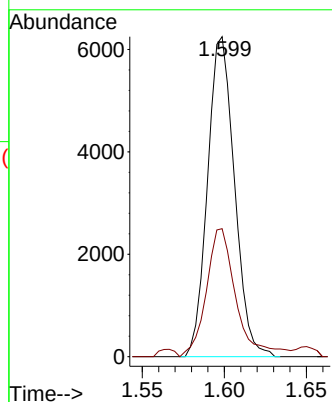
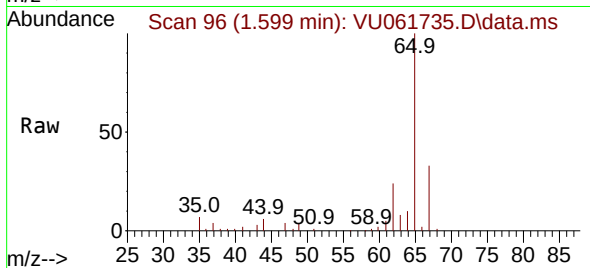




#5
 Vinyl chloride
 Concen: 0.533 ug/L
 RT: 1.599 min Scan# 90
 Delta R.T. -0.003 min
 Lab File: VU061735.D
 Acq: 16 Nov 2024 10:50

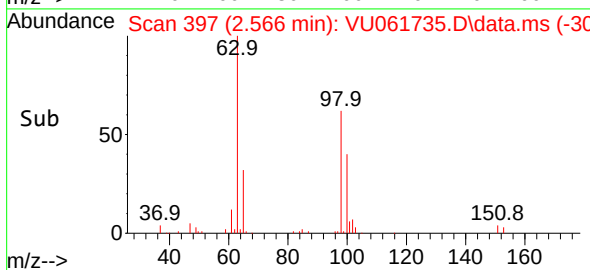
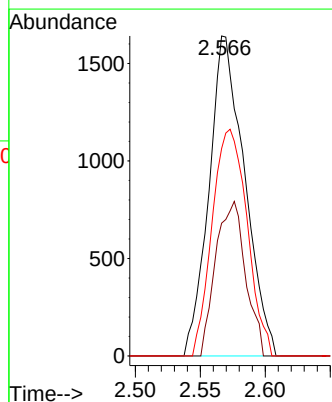
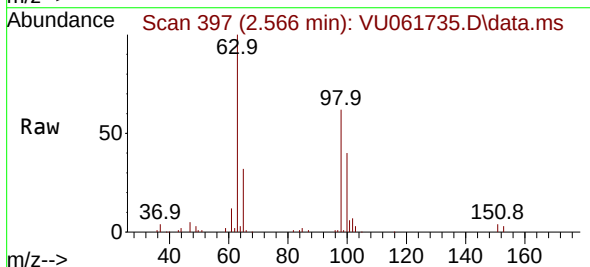
Instrument :
 MSVOA_U
 ClientSampleId :

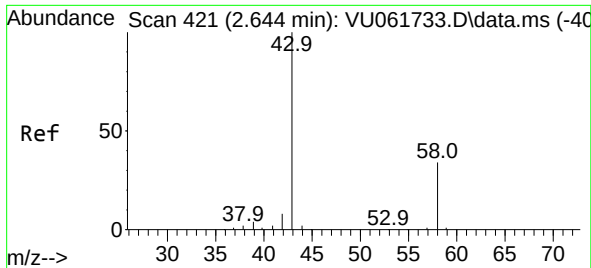
Tgt Ion: 62 Resp: 7121
 Ion Ratio Lower Upper
 62 100
 64 40.0 23.7 44.1



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.269 ug/L
 RT: 2.566 min Scan# 397
 Delta R.T. -0.010 min
 Lab File: VU061735.D
 Acq: 16 Nov 2024 10:50

Tgt Ion: 101 Resp: 3122
 Ion Ratio Lower Upper
 101 100
 85 40.5 35.1 52.7
 151 69.7 56.9 85.3





#13

Acetone

Concen: 14.558 ug/L

RT: 2.634 min Scan# 41

Delta R.T. -0.010 min

Lab File: VU061735.D

Acq: 16 Nov 2024 10:50

Instrument :

MSVOA_U

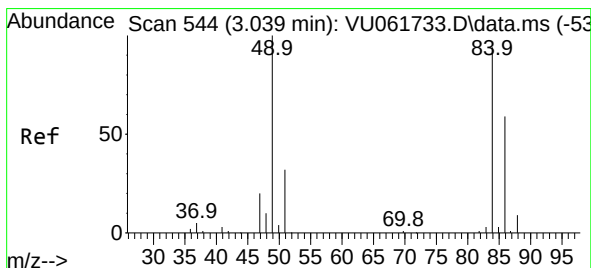
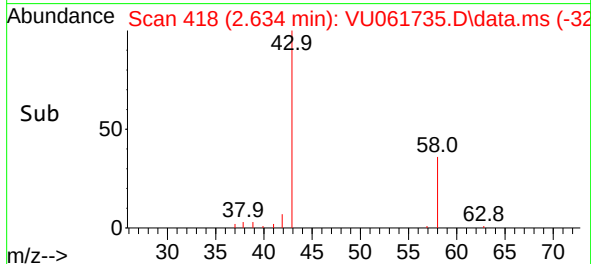
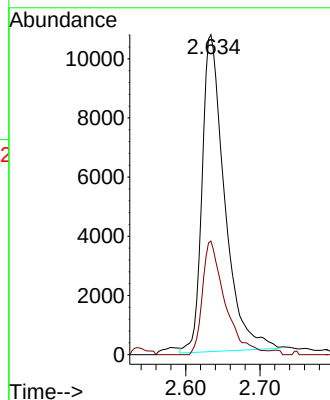
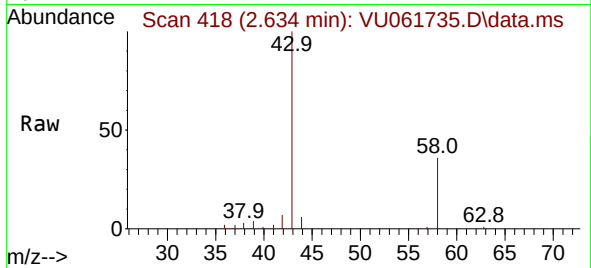
ClientSampleId :

Tgt Ion: 43 Resp: 22597

Ion Ratio Lower Upper

43 100

58 35.9 0.0 69.8



#16

Methylene chloride

Concen: 0.163 ug/L

RT: 3.036 min Scan# 543

Delta R.T. -0.003 min

Lab File: VU061735.D

Acq: 16 Nov 2024 10:50

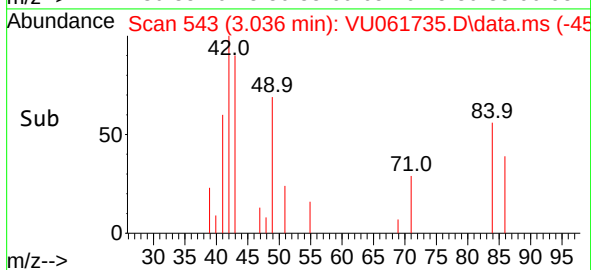
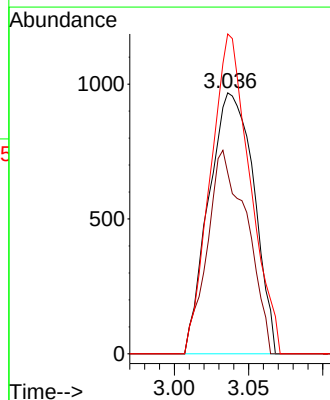
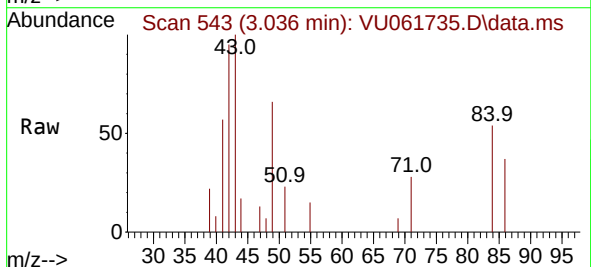
Tgt Ion: 84 Resp: 2041

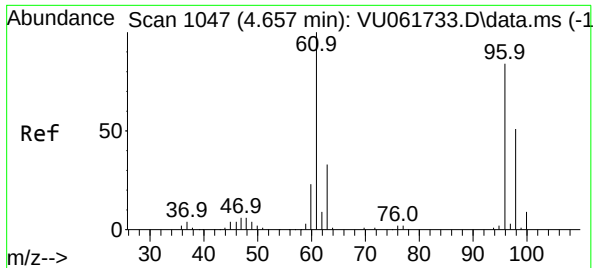
Ion Ratio Lower Upper

84 100

86 69.3 45.1 83.7

49 122.5 76.3 141.7

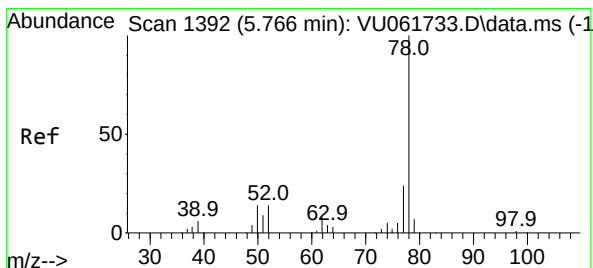
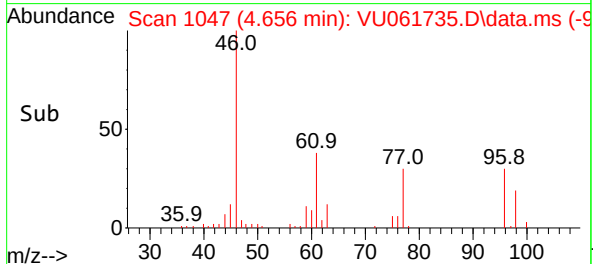
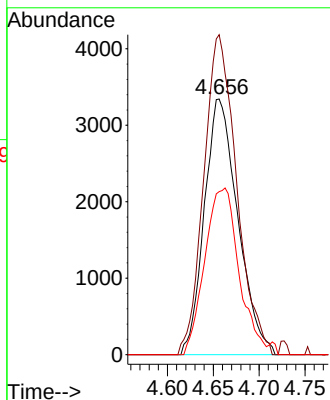
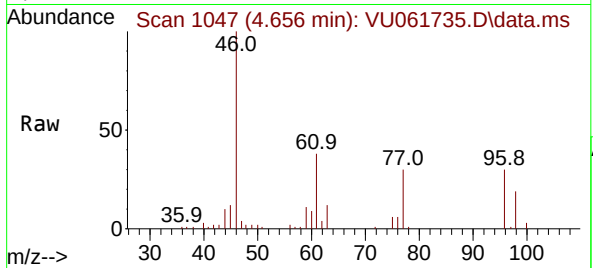




#22
 cis-1,2-Dichloroethene
 Concen: 0.634 ug/L
 RT: 4.656 min Scan# 1047
 Delta R.T. -0.000 min
 Lab File: VU061735.D
 Acq: 16 Nov 2024 10:50

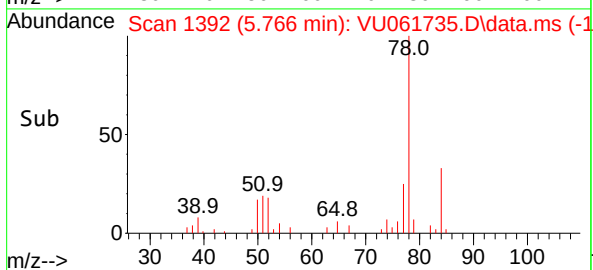
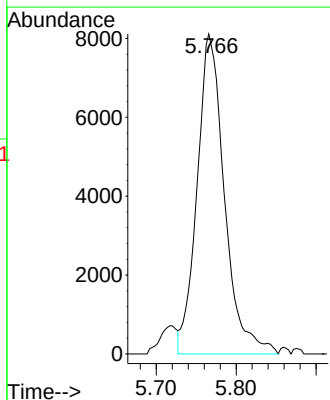
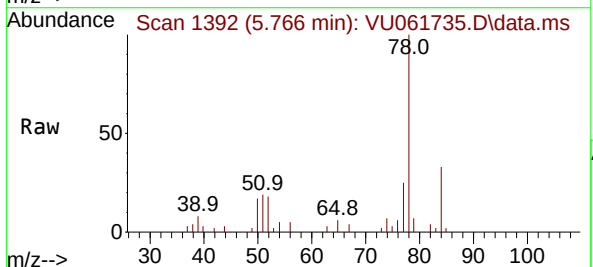
Instrument :
 MSVOA_U
 ClientSampleId :

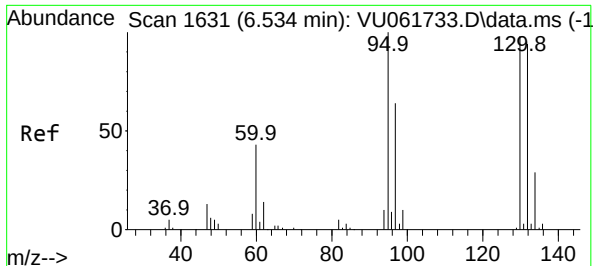
Tgt Ion: 96 Resp: 8500
 Ion Ratio Lower Upper
 96 100
 61 125.2 85.6 159.0
 98 63.8 45.6 84.8



#33
 Benzene
 Concen: 0.376 ug/L
 RT: 5.766 min Scan# 1392
 Delta R.T. -0.000 min
 Lab File: VU061735.D
 Acq: 16 Nov 2024 10:50

Tgt Ion: 78 Resp: 19309





#34

Trichloroethene

Concen: 3.791 ug/L

RT: 6.534 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU061735.D

Acq: 16 Nov 2024 10:50

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 52534

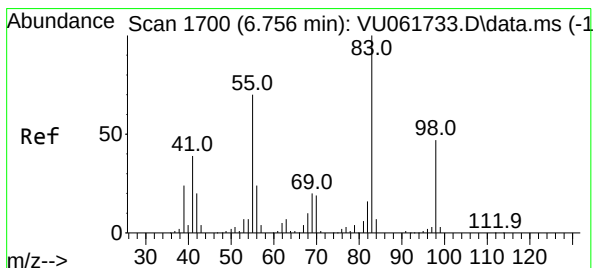
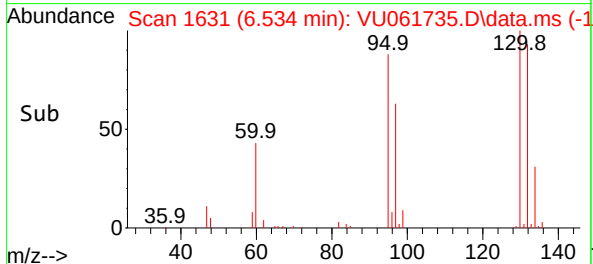
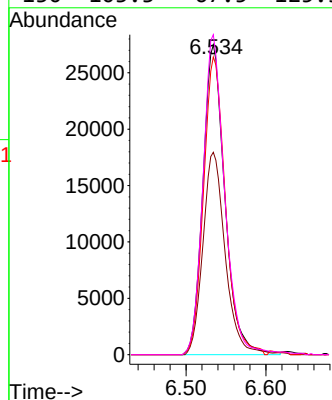
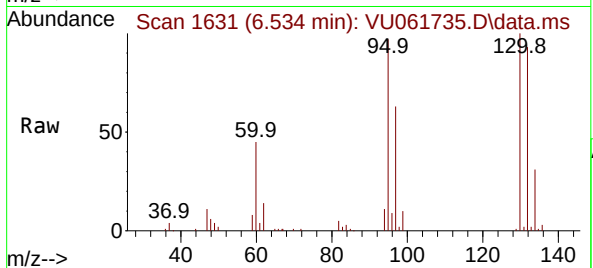
Ion Ratio Lower Upper

95 100

97 65.3 43.5 80.9

132 96.1 65.2 121.0

130 103.3 67.5 125.3



#35

Methylcyclohexane

Concen: 0.693 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.074 min

Lab File: VU061735.D

Acq: 16 Nov 2024 10:50

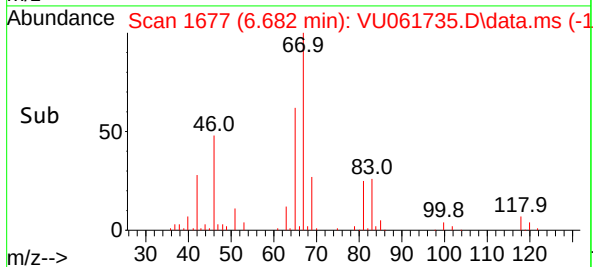
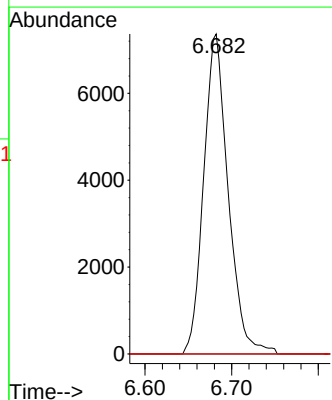
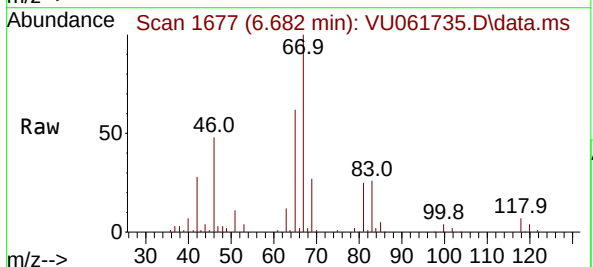
Tgt Ion: 83 Resp: 14488

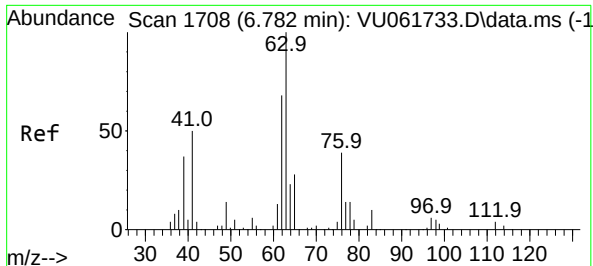
Ion Ratio Lower Upper

83 100

55 0.0 56.4 84.6#

98 6.6 37.7 56.5#





#37

1,2-Dichloropropane

Concen: 0.488 ug/L

RT: 6.682 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU061735.D

Acq: 16 Nov 2024 10:50

Instrument :

MSVOA_U

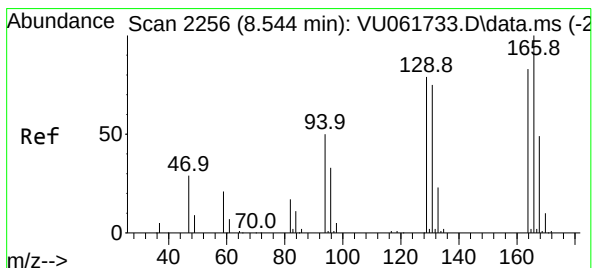
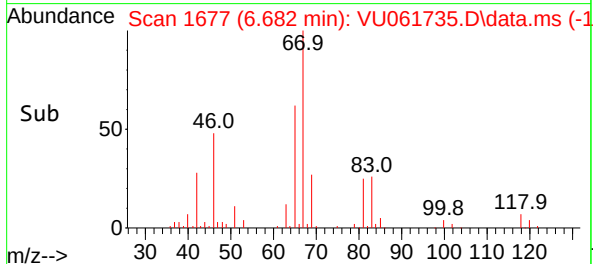
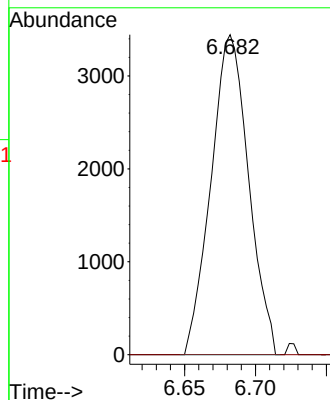
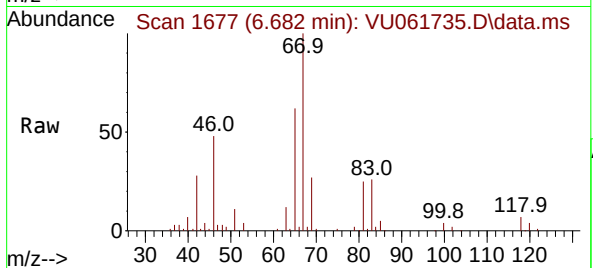
ClientSampleId :

Tgt Ion: 63 Resp: 6357

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.4#



#47

Tetrachloroethene

Concen: 5.808 ug/L

RT: 8.544 min Scan# 2256

Delta R.T. -0.000 min

Lab File: VU061735.D

Acq: 16 Nov 2024 10:50

Tgt Ion:164 Resp: 60483

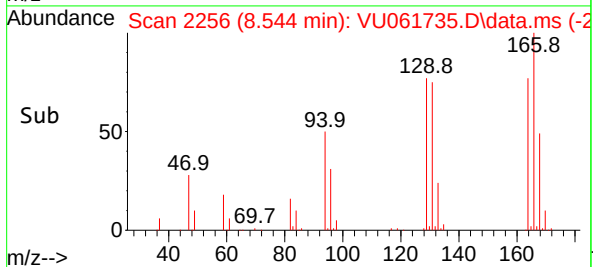
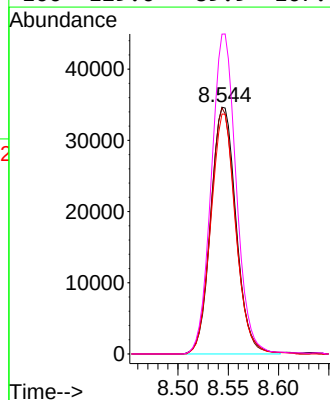
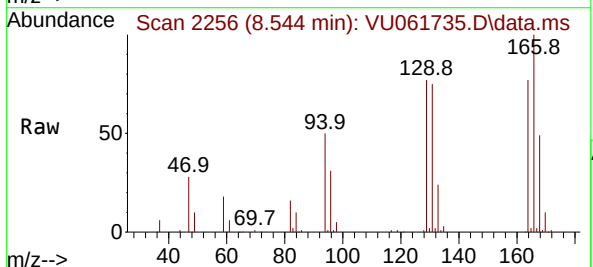
Ion Ratio Lower Upper

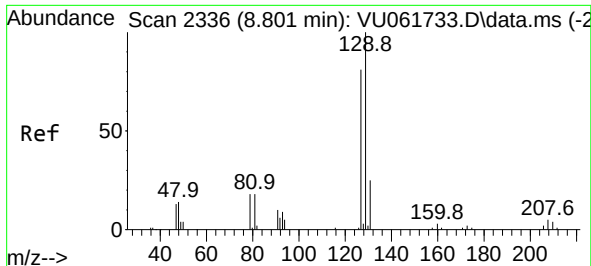
164 100

129 99.8 71.7 133.3

131 97.3 68.2 126.6

166 129.6 89.9 167.0

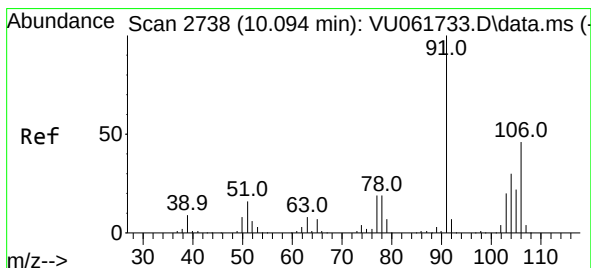
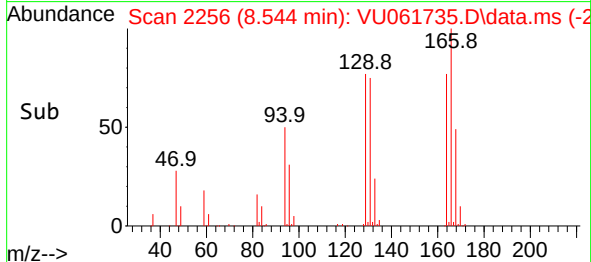
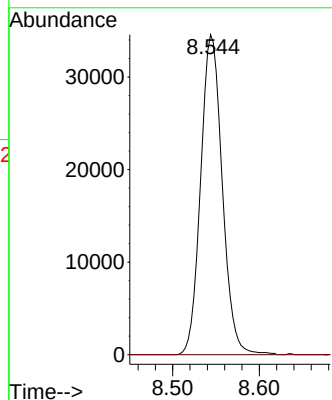
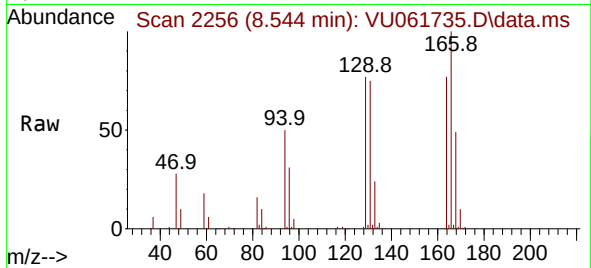




#49
Dibromochloromethane
Concen: 6.016 ug/L
RT: 8.544 min Scan# 21
Delta R.T. -0.257 min
Lab File: VU061735.D
Acq: 16 Nov 2024 10:50

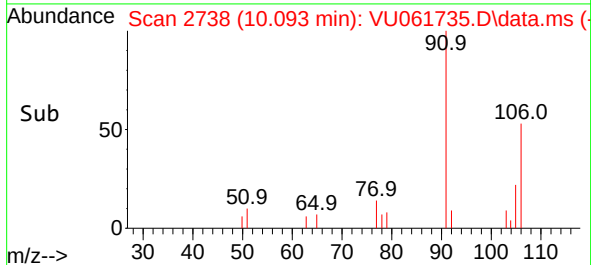
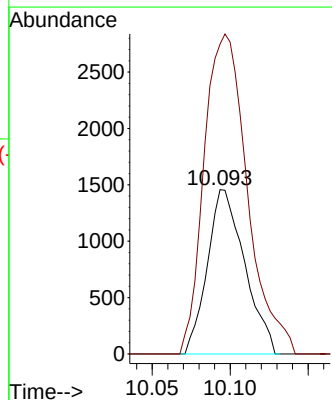
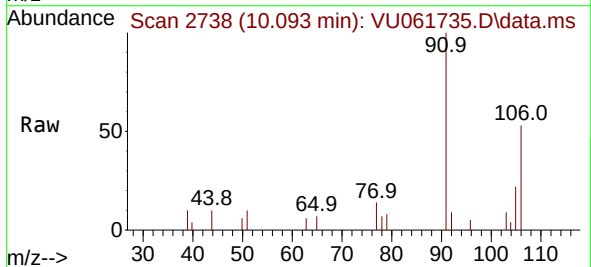
Instrument :
MSVOA_U
ClientSampleId :

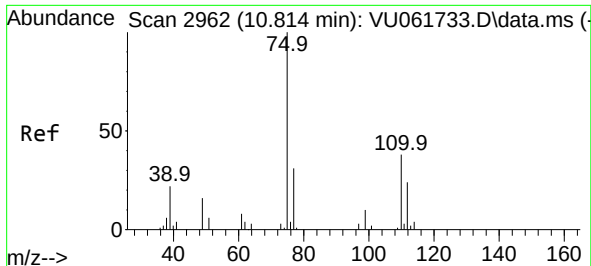
Tgt Ion:129 Resp: 59877
Ion Ratio Lower Upper
129 100
127 0.0 55.1 102.3#



#54
o-Xylene
Concen: 0.111 ug/L
RT: 10.093 min Scan# 2738
Delta R.T. -0.000 min
Lab File: VU061735.D
Acq: 16 Nov 2024 10:50

Tgt Ion:106 Resp: 2422
Ion Ratio Lower Upper
106 100
91 188.5 151.3 280.9

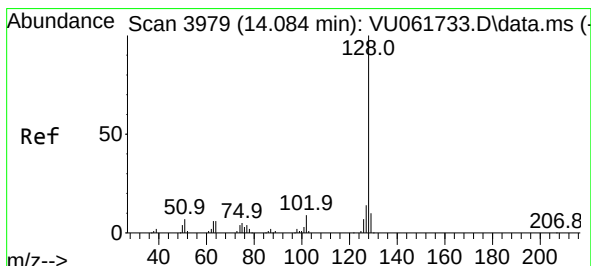
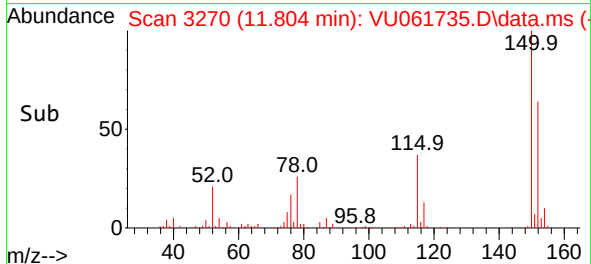
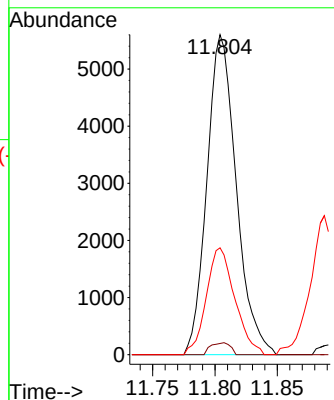
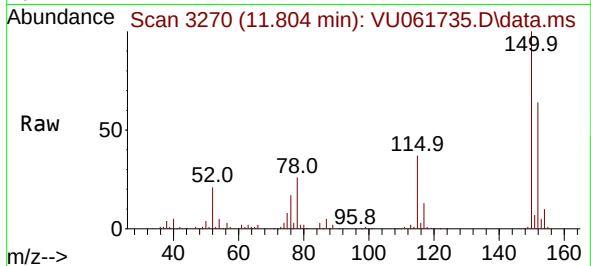




#61
1,2,3-Trichloropropane
Concen: 1.262 ug/L
RT: 11.804 min Scan# 31
Delta R.T. 0.990 min
Lab File: VU061735.D
Acq: 16 Nov 2024 10:50

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 9181
Ion Ratio Lower Upper
75 100
110 2.5 31.3 46.9#
77 32.4 26.0 39.0



#71
Naphthalene
Concen: 0.181 ug/L
RT: 14.097 min Scan# 3983
Delta R.T. 0.013 min
Lab File: VU061735.D
Acq: 16 Nov 2024 10:50

Tgt Ion: 128 Resp: 3460
Ion Ratio Lower Upper
128 100
129 5.4 8.5 12.7#
127 8.8 10.4 15.6#

