

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112224\
 Data File : VU061999.D
 Acq On : 23 Nov 2024 03:04
 Operator : MD/SY
 Sample : P4904-14
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 23 03:19:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR112024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 23 00:14:12 2024
 Response via : Initial Calibration

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

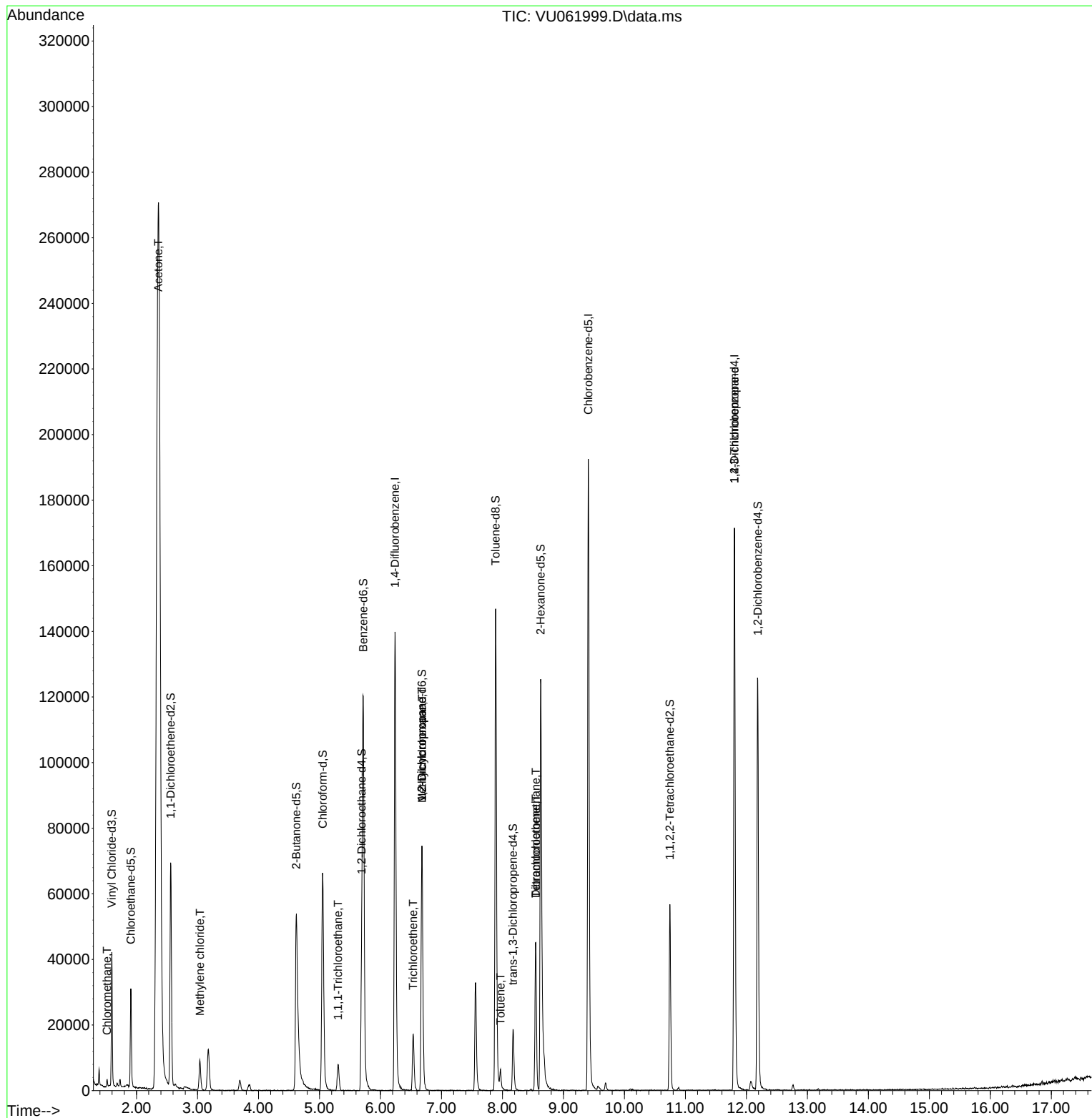
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	120871	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	113295	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	49983	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	27529	4.643	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.800%
7) Chloroethane-d5	1.907	69	22060	4.206	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.200%
11) 1,1-Dichloroethene-d2	2.560	65	13241	5.590	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	111.800%
20) 2-Butanone-d5	4.621	46	65100	34.966	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	69.940%
24) Chloroform-d	5.052	84	62119	4.295	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.800%
26) 1,2-Dichloroethane-d4	5.692	65	32203	4.326	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.600%
32) Benzene-d6	5.718	84	118348	5.361	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.200%
36) 1,2-Dichloropropane-d6	6.679	67	37592	5.012	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.200%
41) Toluene-d8	7.888	98	103669	5.631	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.600%
43) trans-1,3-Dichloroprop...	8.174	79	12642	4.553	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.000%
46) 2-Hexanone-d5	8.627	63	43498	34.321	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	68.640%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	28799	3.842	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	76.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	36416	4.927	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.600%
Target Compounds						Qvalue
3) Chloromethane	1.515	50	1332	0.122	ug/L	94
13) Acetone	2.358	43	112932	87.853	ug/L	43
16) Methylene chloride	3.039	84	5098	0.524	ug/L	90
29) 1,1,1-Trichloroethane	5.306	97	6424	0.492	ug/L	95
34) Trichloroethene	6.537	95	6390	0.700	ug/L	98
35) Methylcyclohexane	6.682	83	9155	0.655	ug/L #	19
37) 1,2-Dichloropropane	6.679	63	3882	0.437	ug/L #	87
42) Toluene	7.968	91	5406	0.151	ug/L	87
47) Tetrachloroethene	8.547	164	10765	1.621	ug/L	94
49) Dibromochloromethane	8.547	129	10551	1.525	ug/L #	13
61) 1,2,3-Trichloropropane	11.804	75	5434	0.940	ug/L #	69

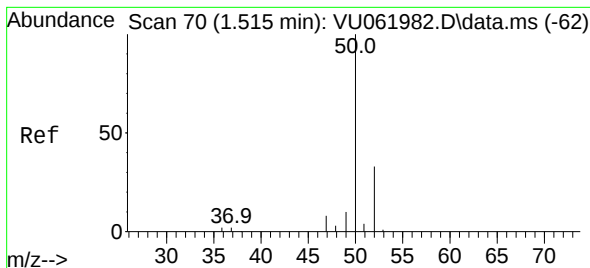
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#3

Chloromethane

Concen: 0.122 ug/L

RT: 1.515 min Scan# 70

Delta R.T. 0.000 min

Lab File: VU061999.D

Acq: 23 Nov 2024 03:04

Instrument :

MSVOA_U

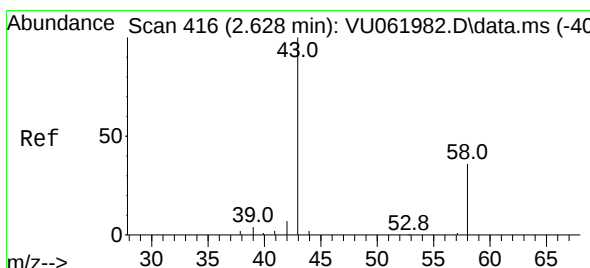
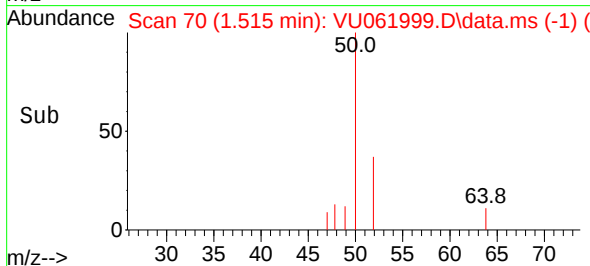
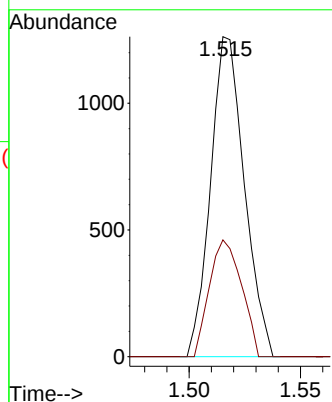
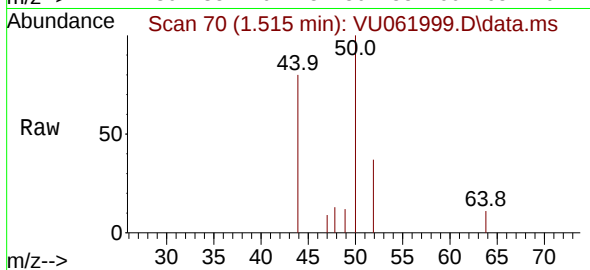
ClientSampleId :

Tgt Ion: 50 Resp: 1332

Ion Ratio Lower Upper

50 100

52 36.5 23.1 42.9



#13

Acetone

Concen: 87.853 ug/L

RT: 2.358 min Scan# 332

Delta R.T. -0.270 min

Lab File: VU061999.D

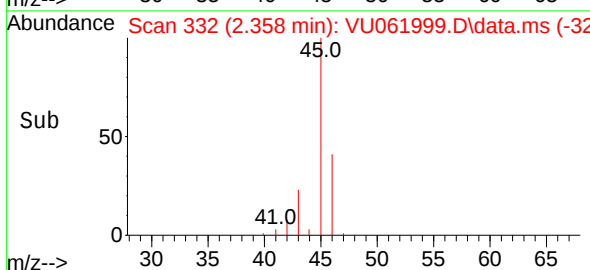
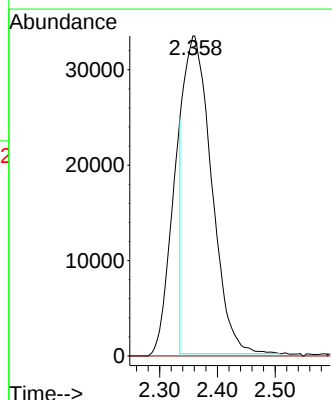
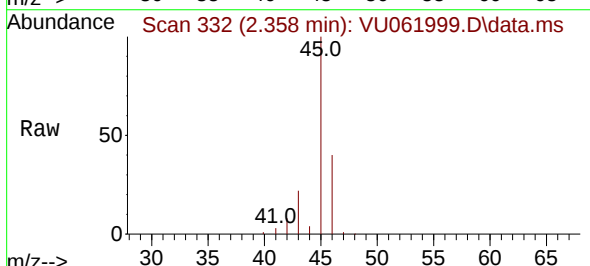
Acq: 23 Nov 2024 03:04

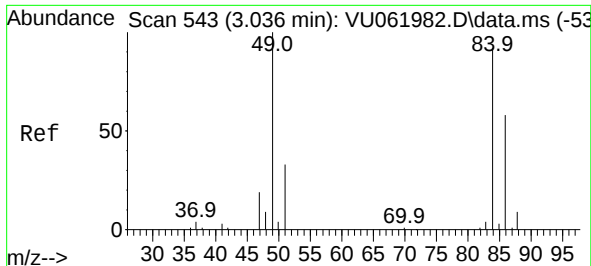
Tgt Ion: 43 Resp: 112932

Ion Ratio Lower Upper

43 100

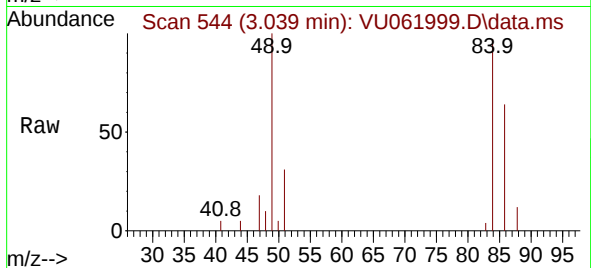
58 0.3 0.0 64.0



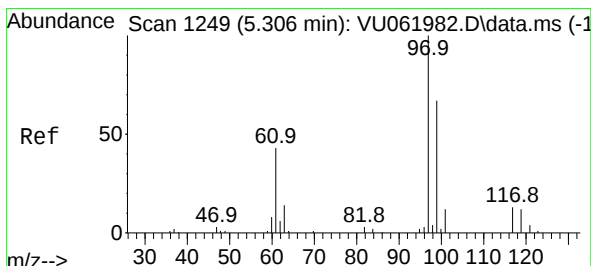
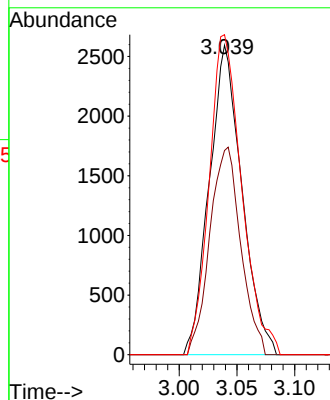
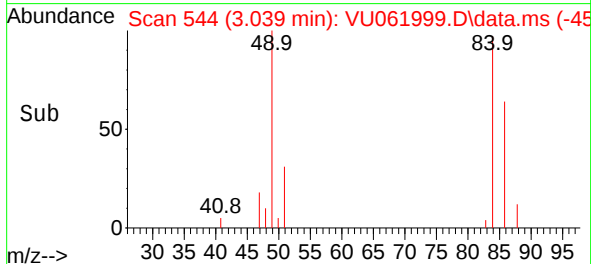


#16
Methylene chloride
Concen: 0.524 ug/L
RT: 3.039 min Scan# 543
Delta R.T. 0.003 min
Lab File: VU061999.D
Acq: 23 Nov 2024 03:04

Instrument :
MSVOA_U
ClientSampleId :

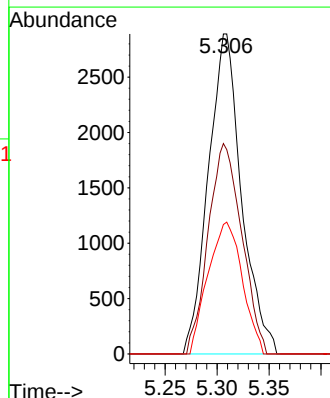
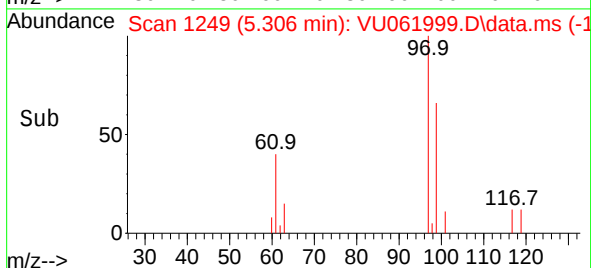
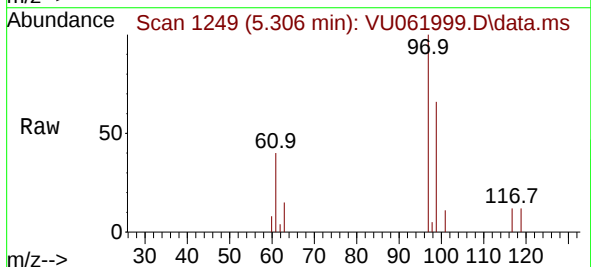


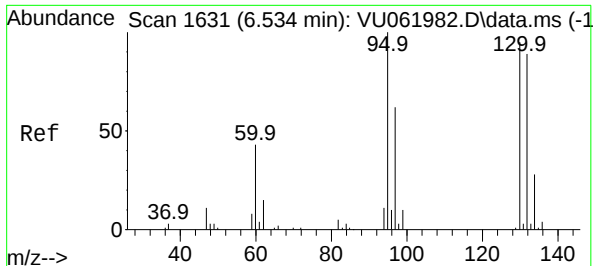
Tgt Ion: 84 Resp: 5098
Ion Ratio Lower Upper
84 100
86 66.0 43.5 80.7
49 103.4 81.9 152.1



#29
1,1,1-Trichloroethane
Concen: 0.492 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. 0.000 min
Lab File: VU061999.D
Acq: 23 Nov 2024 03:04

Tgt Ion: 97 Resp: 6424
Ion Ratio Lower Upper
97 100
99 66.4 51.4 77.2
61 42.5 37.8 56.6





#34

Trichloroethene

Concen: 0.700 ug/L

RT: 6.537 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU061999.D

Acq: 23 Nov 2024 03:04

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 6390

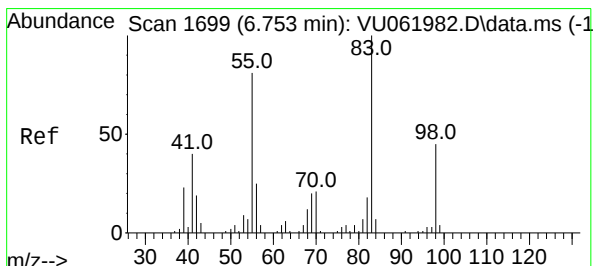
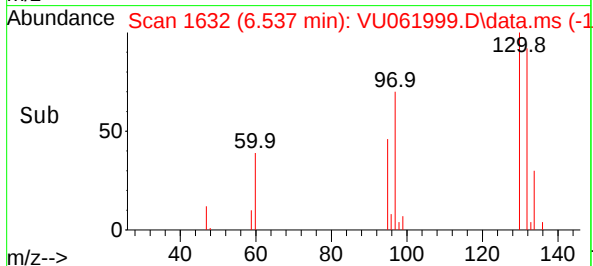
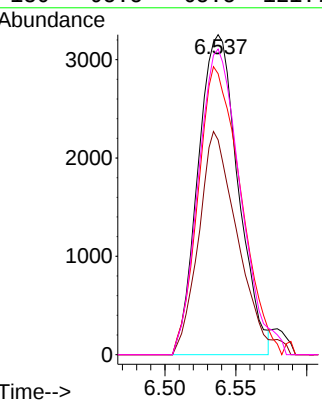
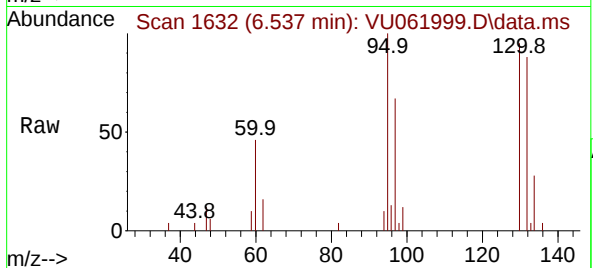
Ion Ratio Lower Upper

95 100

97 67.1 45.9 85.3

132 87.8 63.8 118.4

130 95.5 65.5 121.7



#35

Methylcyclohexane

Concen: 0.655 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.071 min

Lab File: VU061999.D

Acq: 23 Nov 2024 03:04

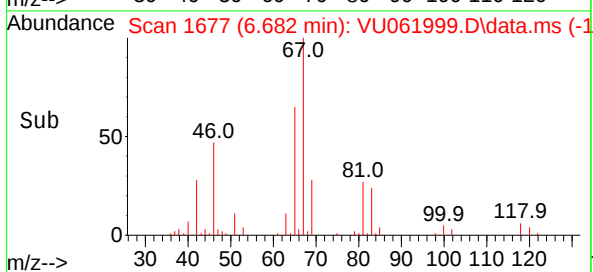
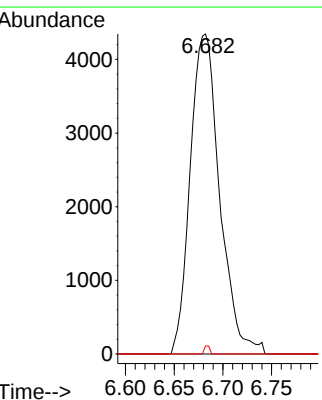
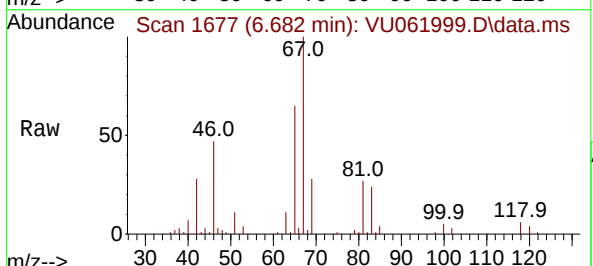
Tgt Ion: 83 Resp: 9155

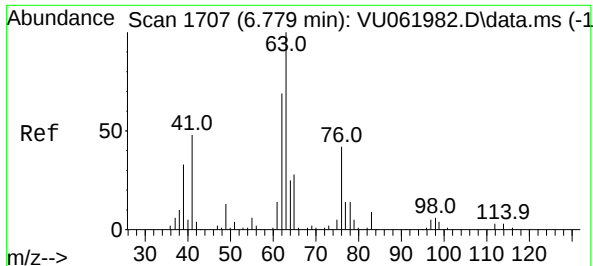
Ion Ratio Lower Upper

83 100

55 0.0 60.7 91.1#

98 0.5 34.8 52.2#

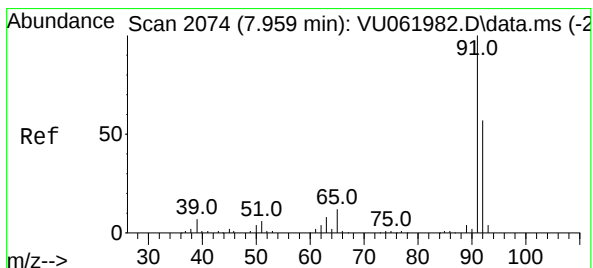
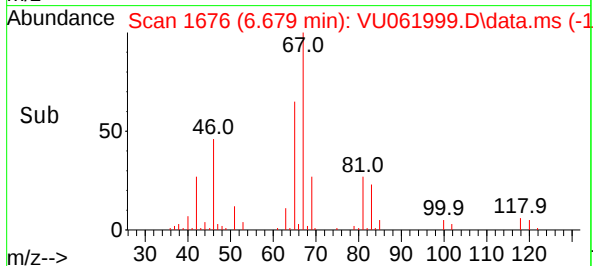
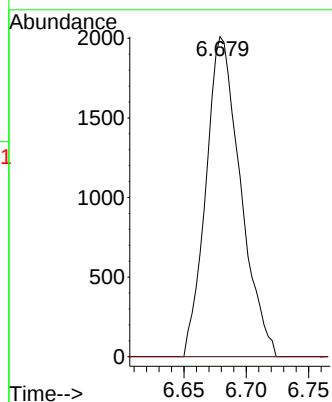
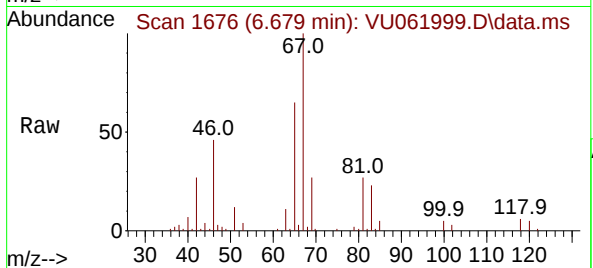




#37
1,2-Dichloropropane
Concen: 0.437 ug/L
RT: 6.679 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU061999.D
Acq: 23 Nov 2024 03:04

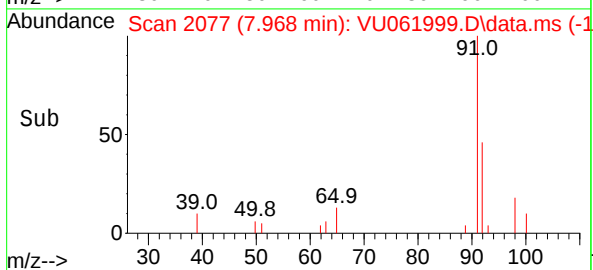
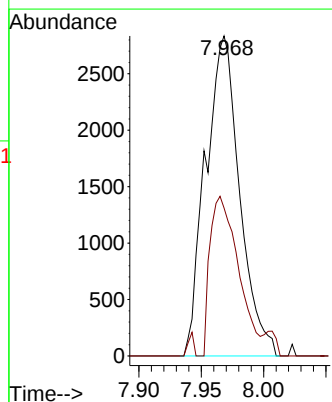
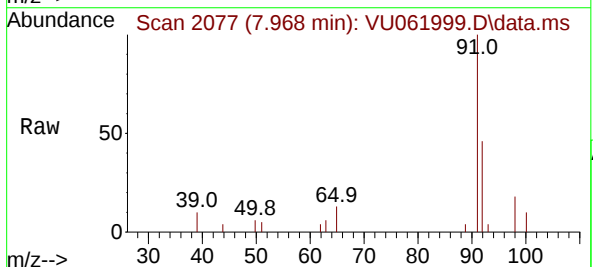
Instrument :
MSVOA_U
ClientSampleId :

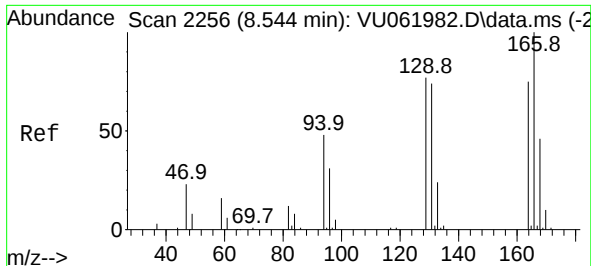
Tgt Ion: 63 Resp: 3882
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



#42
Toluene
Concen: 0.151 ug/L
RT: 7.968 min Scan# 2077
Delta R.T. 0.010 min
Lab File: VU061999.D
Acq: 23 Nov 2024 03:04

Tgt Ion: 91 Resp: 5406
Ion Ratio Lower Upper
91 100
92 46.2 39.0 72.4





#47

Tetrachloroethene

Concen: 1.621 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. 0.003 min

Lab File: VU061999.D

Acq: 23 Nov 2024 03:04

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:164 Resp: 10765

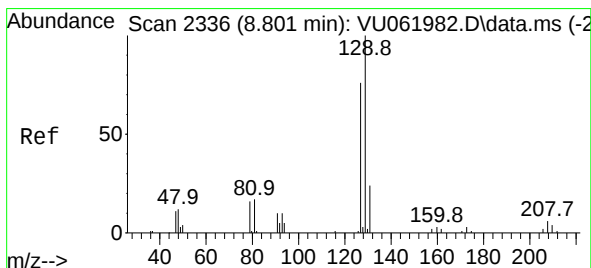
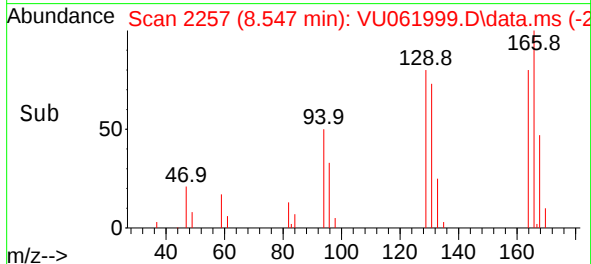
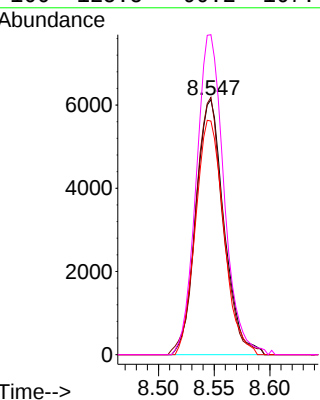
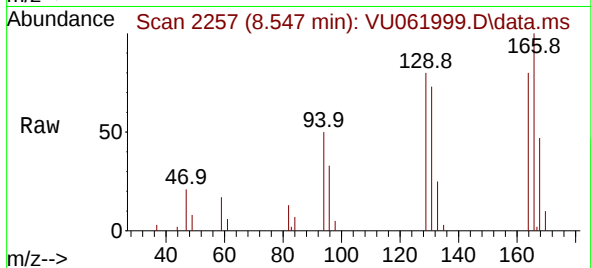
Ion Ratio Lower Upper

164 100

129 100.9 73.2 136.0

131 91.6 72.3 134.3

166 125.5 90.2 167.4



#49

Dibromochloromethane

Concen: 1.525 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.254 min

Lab File: VU061999.D

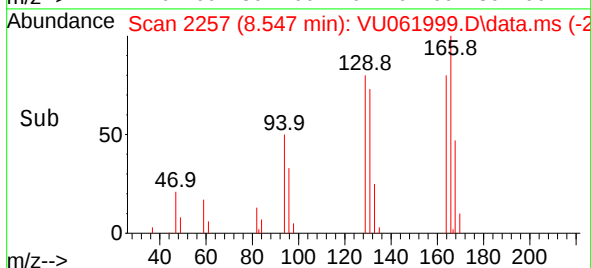
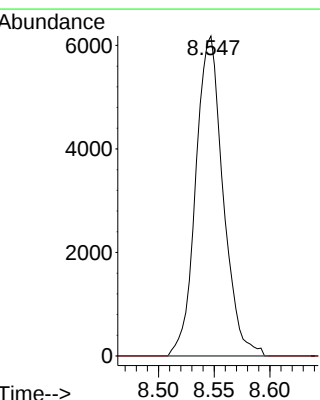
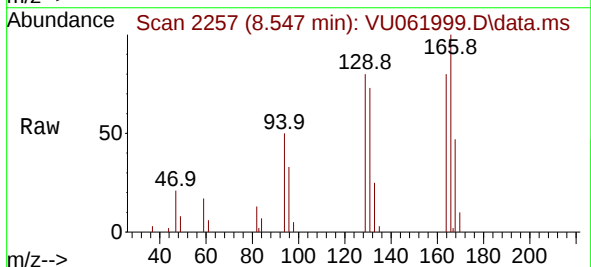
Acq: 23 Nov 2024 03:04

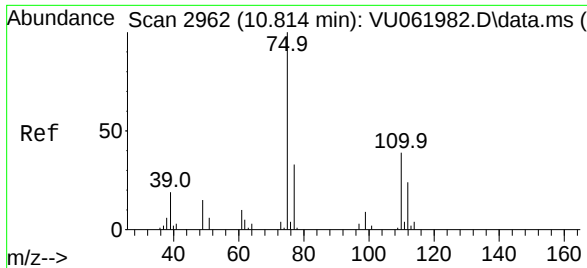
Tgt Ion:129 Resp: 10551

Ion Ratio Lower Upper

129 100

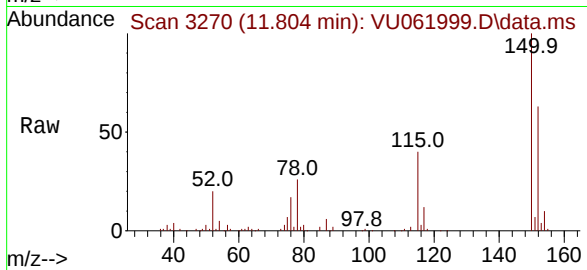
127 0.0 51.1 94.9#





#61
1,2,3-Trichloropropane
Concen: 0.940 ug/L
RT: 11.804 min Scan# 31
Delta R.T. 0.990 min
Lab File: VU061999.D
Acq: 23 Nov 2024 03:04

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 75 Resp: 5434
Ion Ratio Lower Upper
75 100
110 1.2 28.9 43.3#
77 33.2 26.5 39.7

