

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112124\
 Data File : VU061916.D
 Acq On : 21 Nov 2024 14:33
 Operator : MD/SY
 Sample : P4885-09DL 4X
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 21 23:08:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR112024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 21 23:06:37 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	177502	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	182505	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	69996	5.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	48339	5.552	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	111.000%
7) Chloroethane-d5	1.904	69	40738	5.289	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.800%
11) 1,1-Dichloroethene-d2	2.560	65	22173	6.374	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	127.400%#
20) 2-Butanone-d5	4.612	46	107194	39.206	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	78.420%
24) Chloroform-d	5.052	84	97630	4.596	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.000%
26) 1,2-Dichloroethane-d4	5.692	65	52666	4.818	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.400%
32) Benzene-d6	5.718	84	190948	5.370	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.400%
36) 1,2-Dichloropropane-d6	6.679	67	61126	5.059	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.200%
41) Toluene-d8	7.891	98	191198	6.447	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	129.000%
43) trans-1,3-Dichloroprop...	8.174	79	18409	4.116	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.400%
46) 2-Hexanone-d5	8.624	63	75384	36.923	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	73.840%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	46842	3.880	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	77.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	52084	5.032	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.600%

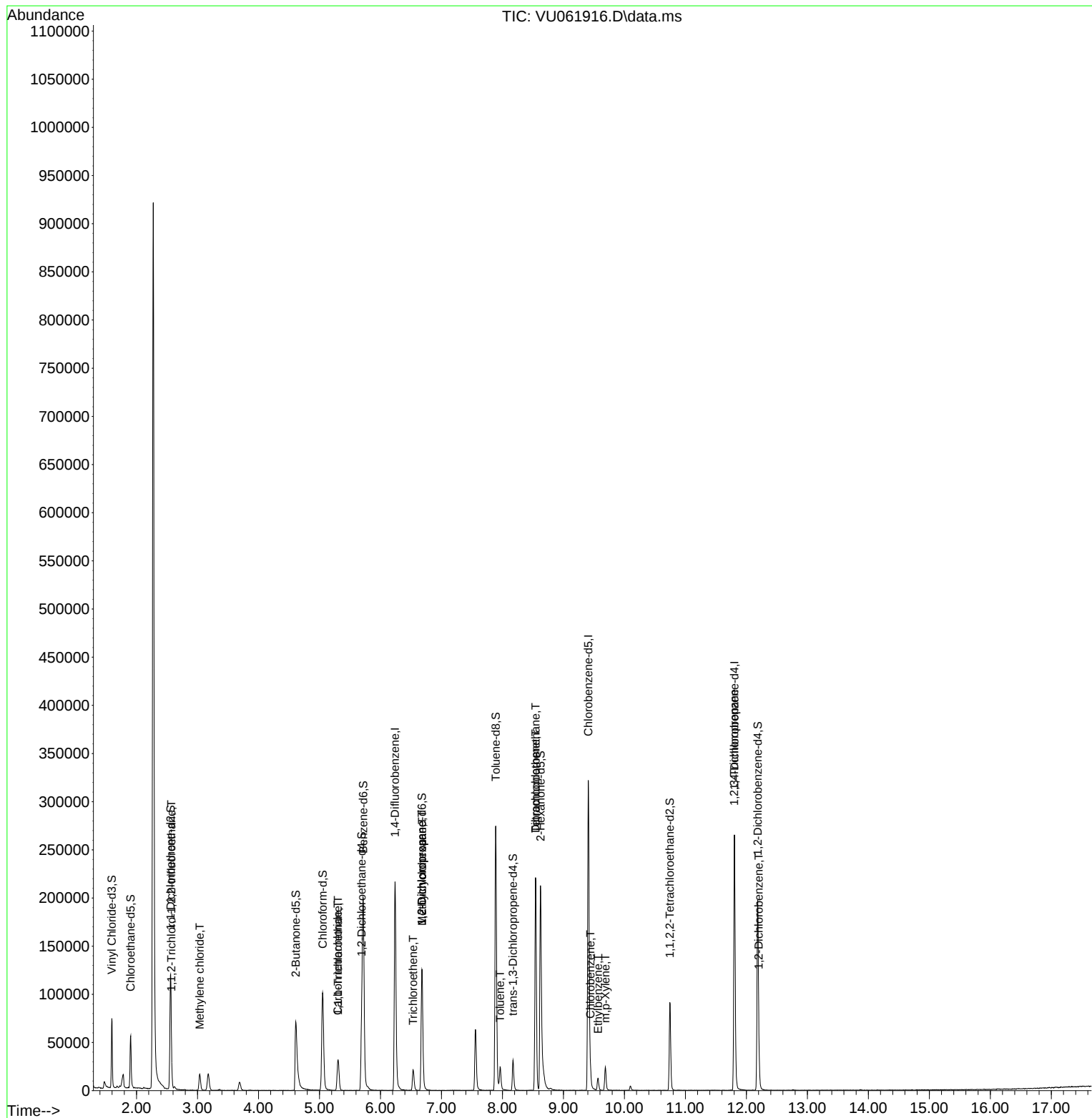
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	3934	0.307	ug/L #	80
16) Methylene chloride	3.036	84	8255	0.578	ug/L	97
29) 1,1,1-Trichloroethane	5.306	97	23449	1.115	ug/L	99
31) Carbon tetrachloride	5.303	117	2948	0.165	ug/L	100
34) Trichloroethene	6.534	95	8008	0.544	ug/L	92
35) Methylcyclohexane	6.682	83	14003	0.622	ug/L #	19
37) 1,2-Dichloropropane	6.679	63	6464	0.451	ug/L #	87
42) Toluene	7.962	91	18113	0.313	ug/L	93
47) Tetrachloroethene	8.544	164	48693	4.551	ug/L	97
49) Dibromochloromethane	8.544	129	50503	4.532	ug/L #	13
51) Chlorobenzene	9.444	112	8328	0.210	ug/L	89
52) Ethylbenzene	9.566	91	10267	0.148	ug/L	93
53) m,p-Xylene	9.688	106	7511	0.308	ug/L	99
61) 1,2,3-Trichloropropane	11.801	75	9619	1.189	ug/L #	69
67) 1,2-Dichlorobenzene	12.203	146	6724	0.319	ug/L	95

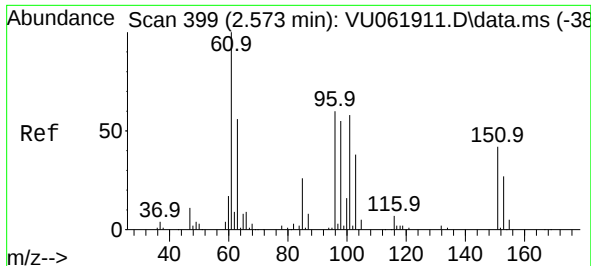
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Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Nov 21 23:06:37 2024
Response via : Initial Calibration

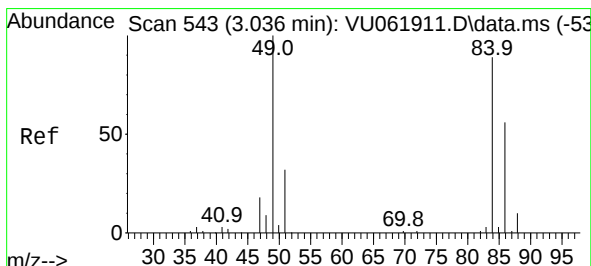
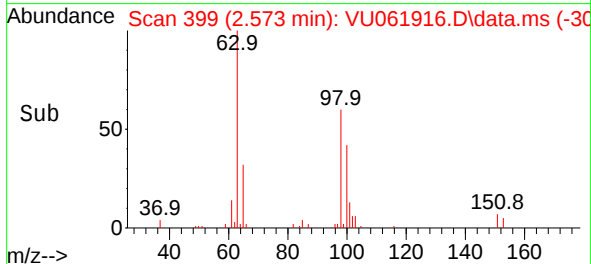
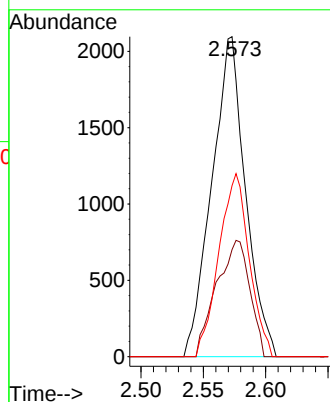
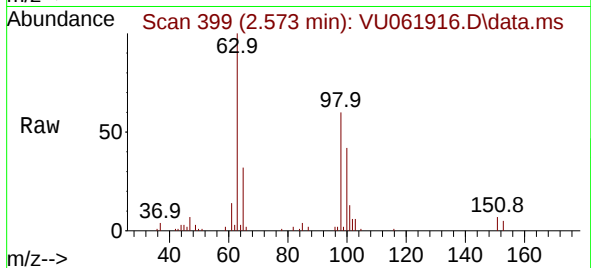




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.307 ug/L
RT: 2.573 min Scan# 399
Delta R.T. 0.000 min
Lab File: VU061916.D
Acq: 21 Nov 2024 14:33

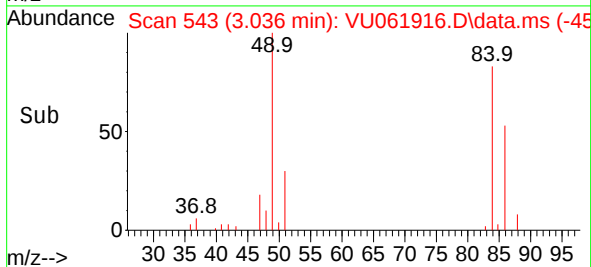
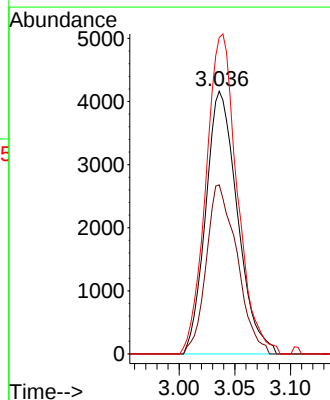
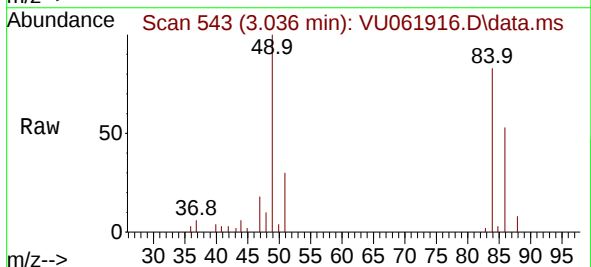
Instrument :
MSVOA_U
ClientSampleId :

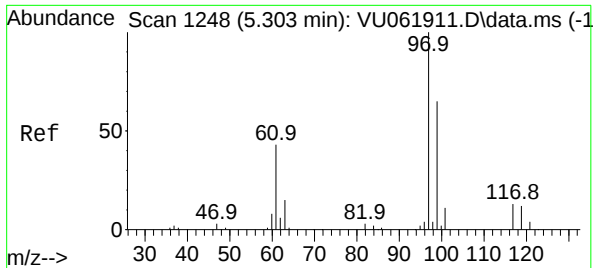
Tgt Ion:101 Resp: 3934
Ion Ratio Lower Upper
101 100
85 35.9 38.0 57.0#
151 51.7 55.3 82.9#



#16
Methylene chloride
Concen: 0.578 ug/L
RT: 3.036 min Scan# 543
Delta R.T. 0.000 min
Lab File: VU061916.D
Acq: 21 Nov 2024 14:33

Tgt Ion: 84 Resp: 8255
Ion Ratio Lower Upper
84 100
86 64.4 43.5 80.7
49 120.4 81.9 152.1

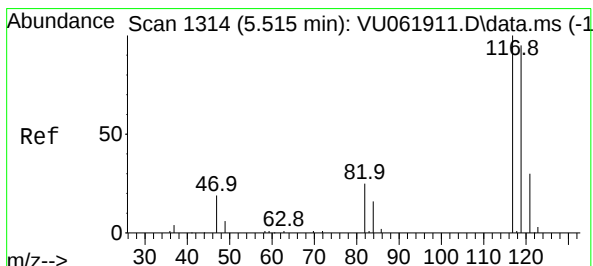
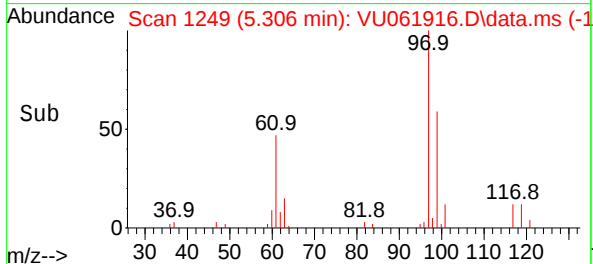
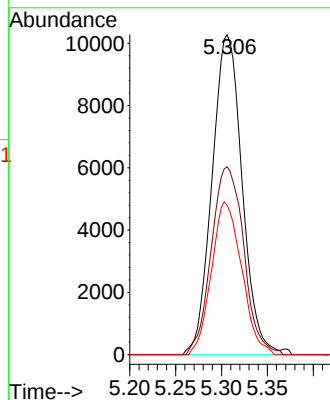
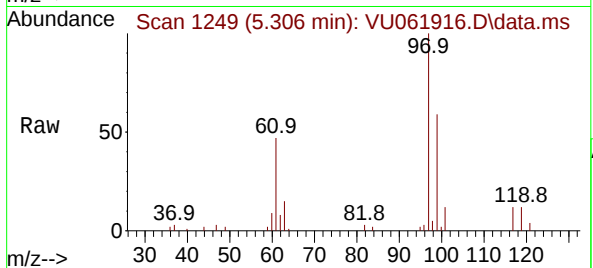




#29
1,1,1-Trichloroethane
Concen: 1.115 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. 0.003 min
Lab File: VU061916.D
Acq: 21 Nov 2024 14:33

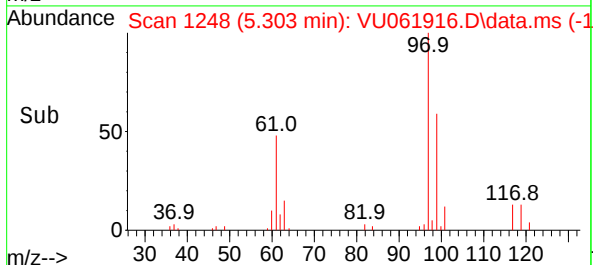
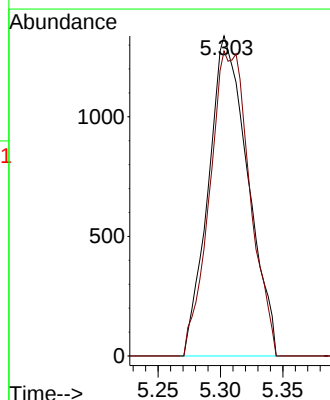
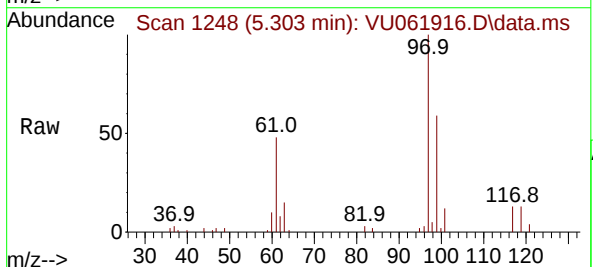
Instrument :
MSVOA_U
ClientSampleId :

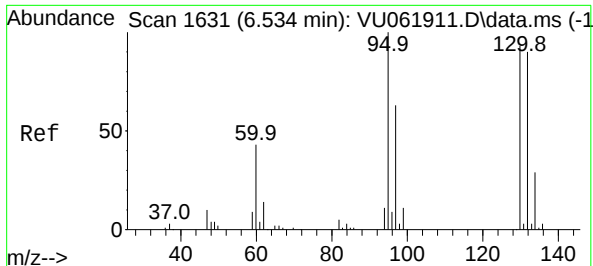
Tgt Ion: 97 Resp: 23449
Ion Ratio Lower Upper
97 100
99 63.3 51.4 77.2
61 47.9 37.8 56.6



#31
Carbon tetrachloride
Concen: 0.165 ug/L
RT: 5.303 min Scan# 1248
Delta R.T. -0.212 min
Lab File: VU061916.D
Acq: 21 Nov 2024 14:33

Tgt Ion:117 Resp: 2948
Ion Ratio Lower Upper
117 100
119 96.8 77.5 116.3



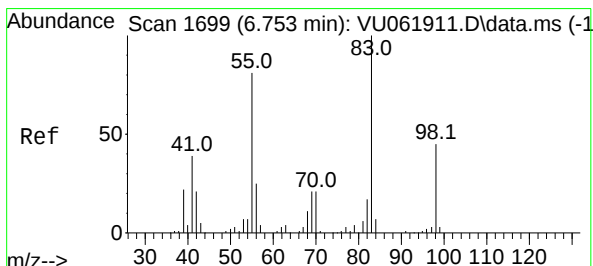
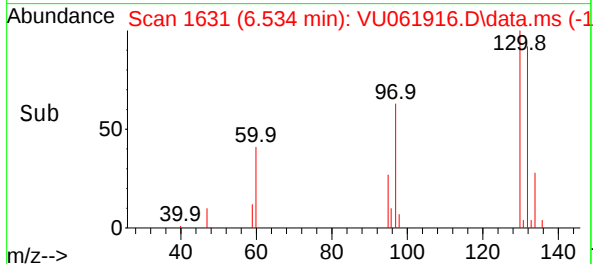
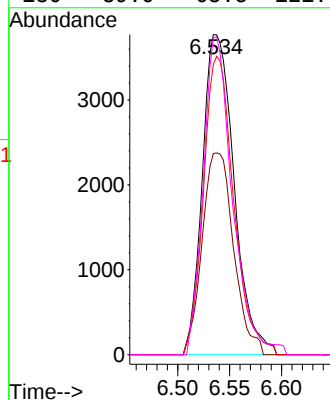
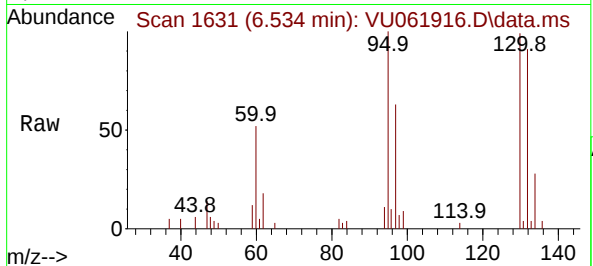


#34
Trichloroethene
Concen: 0.544 ug/L
RT: 6.534 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VU061916.D
Acq: 21 Nov 2024 14:33

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 95 Resp: 8008

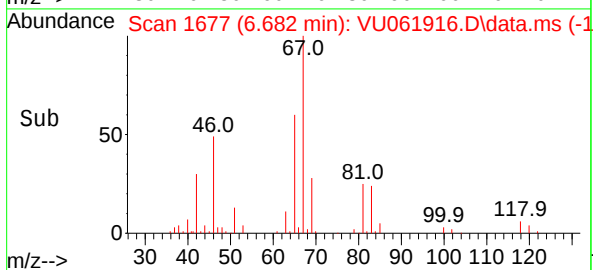
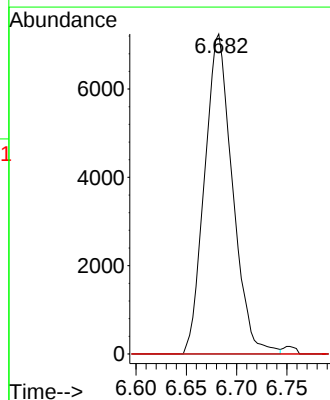
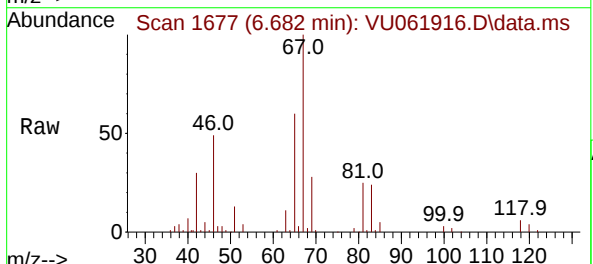
Ion	Ratio	Lower	Upper
95	100		
97	57.1	45.9	85.3
132	82.4	63.8	118.4
130	89.9	65.5	121.7

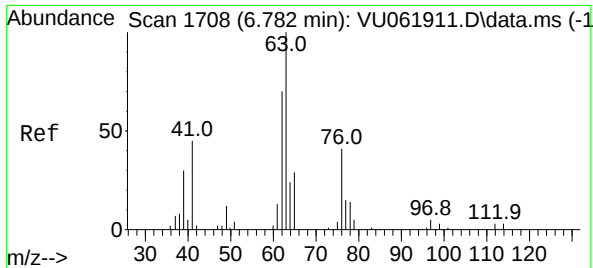


#35
Methylcyclohexane
Concen: 0.622 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.071 min
Lab File: VU061916.D
Acq: 21 Nov 2024 14:33

Tgt Ion: 83 Resp: 14003

Ion	Ratio	Lower	Upper
83	100		
55	0.0	60.7	91.1#
98	0.2	34.8	52.2#

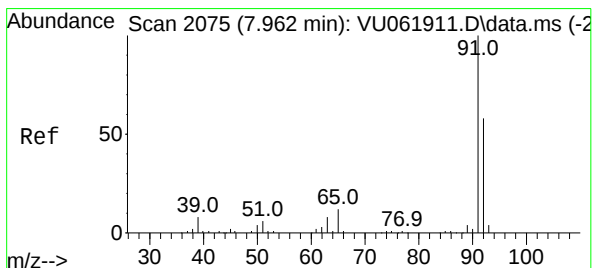
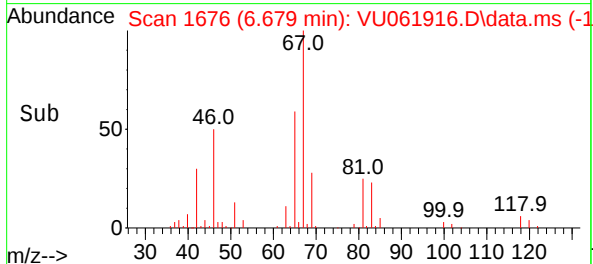
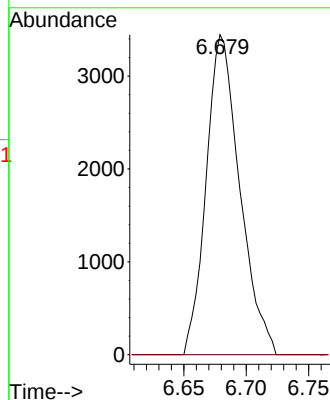
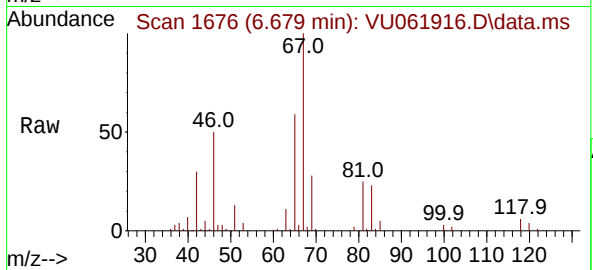




#37
1,2-Dichloropropane
Concen: 0.451 ug/L
RT: 6.679 min Scan# 1
Delta R.T. -0.103 min
Lab File: VU061916.D
Acq: 21 Nov 2024 14:33

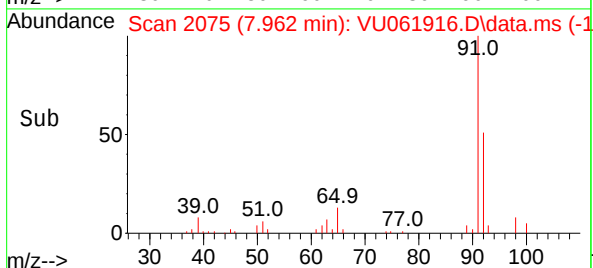
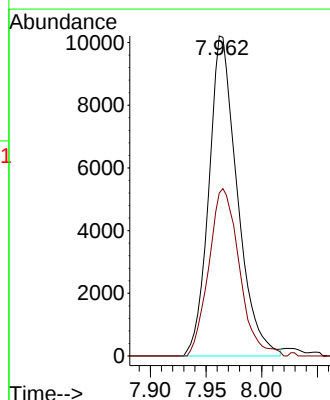
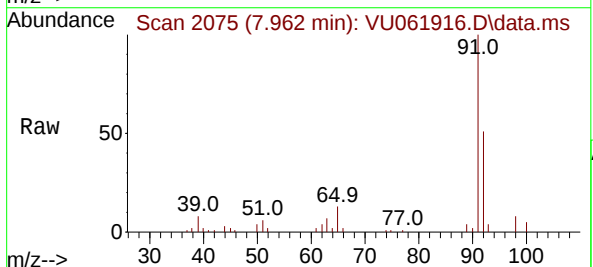
Instrument :
MSVOA_U
ClientSampleId :

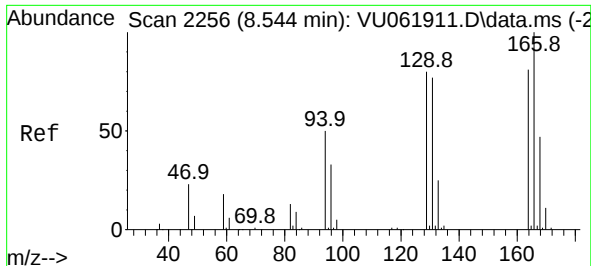
Tgt Ion: 63 Resp: 6464
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



#42
Toluene
Concen: 0.313 ug/L
RT: 7.962 min Scan# 2075
Delta R.T. 0.000 min
Lab File: VU061916.D
Acq: 21 Nov 2024 14:33

Tgt Ion: 91 Resp: 18113
Ion Ratio Lower Upper
91 100
92 50.9 39.0 72.4

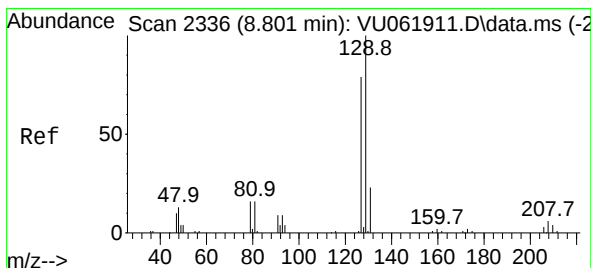
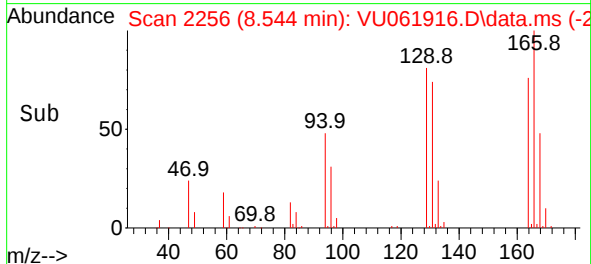
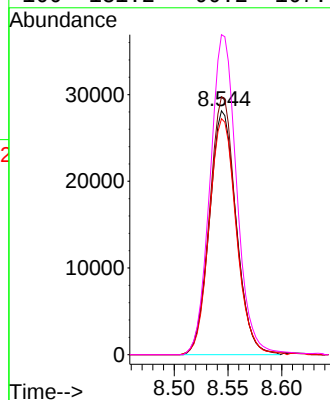
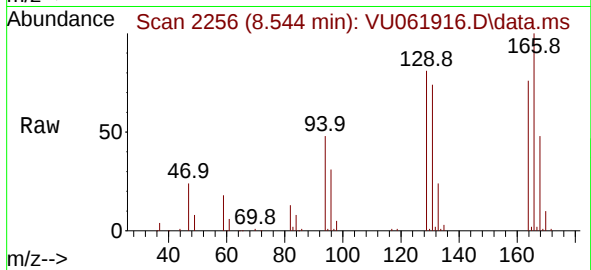




#47
Tetrachloroethene
Concen: 4.551 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. 0.000 min
Lab File: VU061916.D
Acq: 21 Nov 2024 14:33

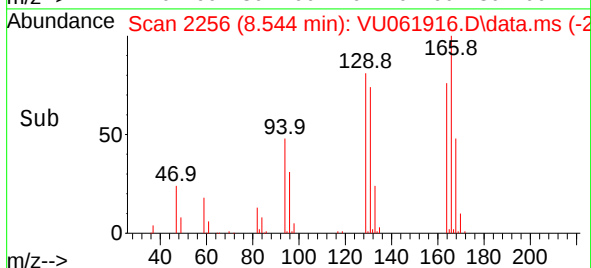
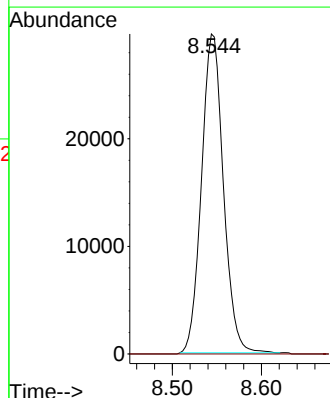
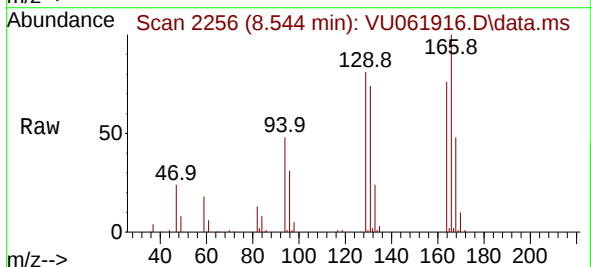
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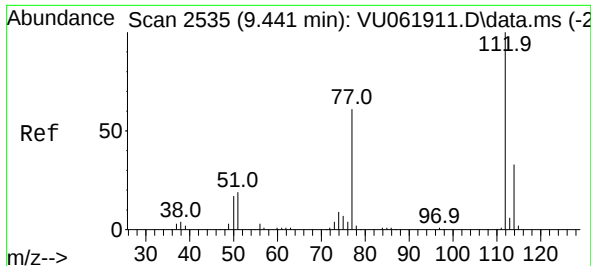
Tgt Ion:164 Resp: 48693
Ion Ratio Lower Upper
164 100
129 105.7 73.2 136.0
131 96.8 72.3 134.3
166 131.2 90.2 167.4



#49
Dibromochloromethane
Concen: 4.532 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. -0.257 min
Lab File: VU061916.D
Acq: 21 Nov 2024 14:33

Tgt Ion:129 Resp: 50503
Ion Ratio Lower Upper
129 100
127 0.0 51.1 94.9#





#51

Chlorobenzene

Concen: 0.210 ug/L

RT: 9.444 min Scan# 2535

Delta R.T. 0.003 min

Lab File: VU061916.D

Acq: 21 Nov 2024 14:33

Instrument :

MSVOA_U

ClientSampleId :

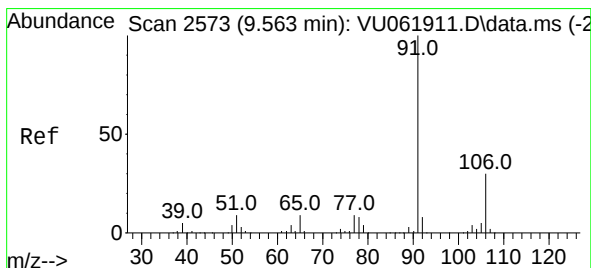
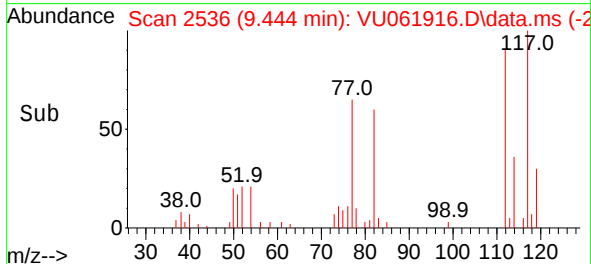
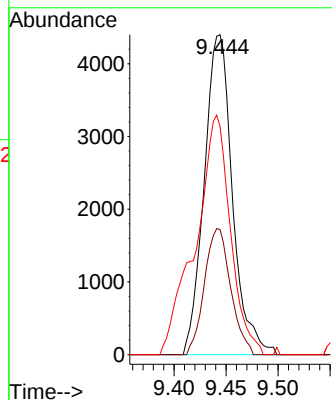
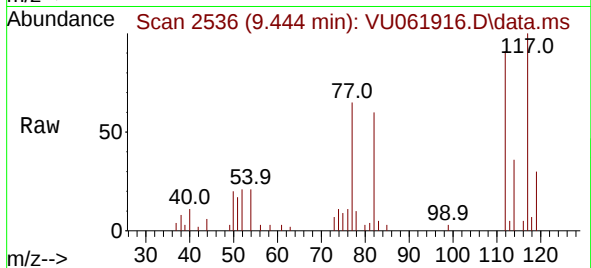
Tgt Ion:112 Resp: 8328

Ion Ratio Lower Upper

112 100

114 39.1 23.0 42.6

77 71.4 50.5 75.7



#52

Ethylbenzene

Concen: 0.148 ug/L

RT: 9.566 min Scan# 2574

Delta R.T. 0.003 min

Lab File: VU061916.D

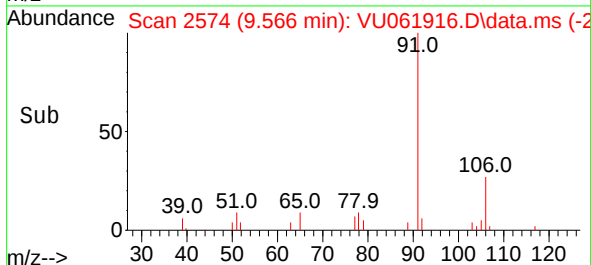
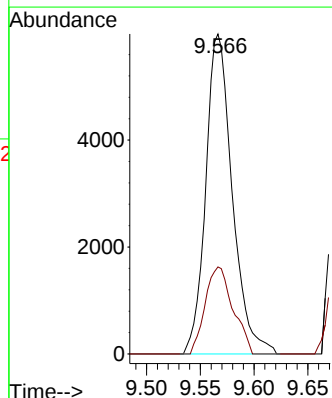
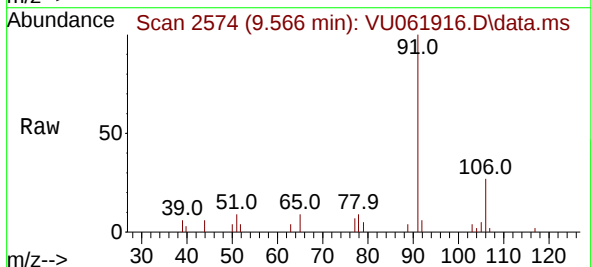
Acq: 21 Nov 2024 14:33

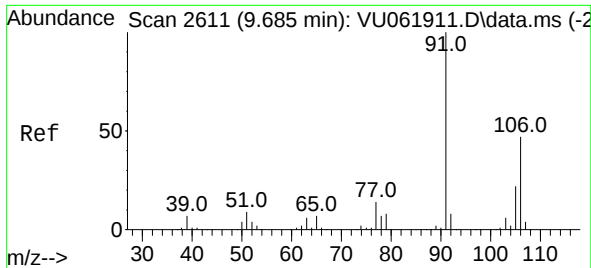
Tgt Ion: 91 Resp: 10267

Ion Ratio Lower Upper

91 100

106 27.2 21.6 40.0

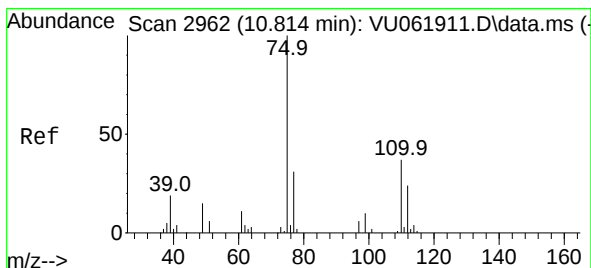
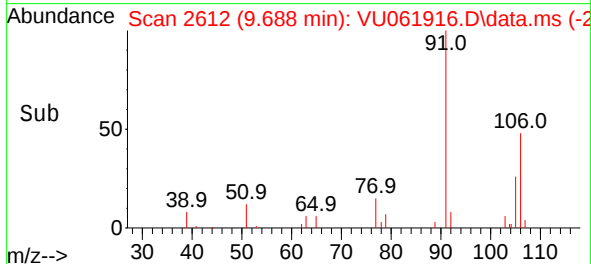
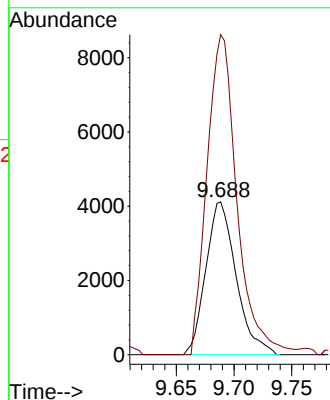
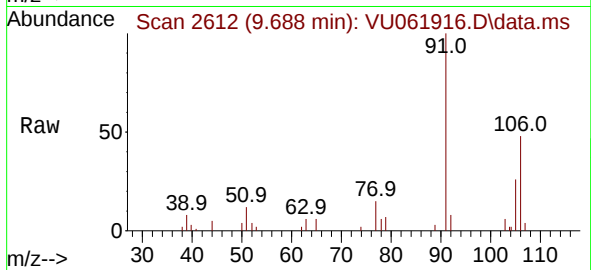




#53
 m,p-Xylene
 Concen: 0.308 ug/L
 RT: 9.688 min Scan# 20
 Delta R.T. 0.003 min
 Lab File: VU061916.D
 Acq: 21 Nov 2024 14:33

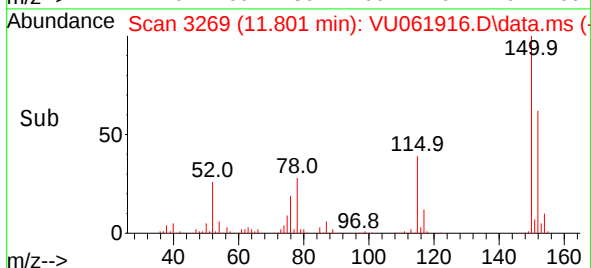
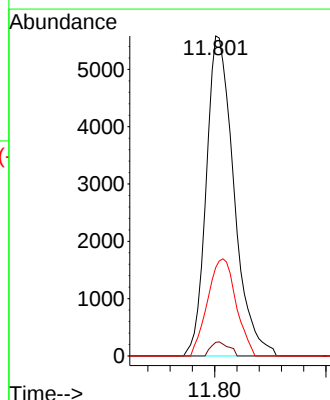
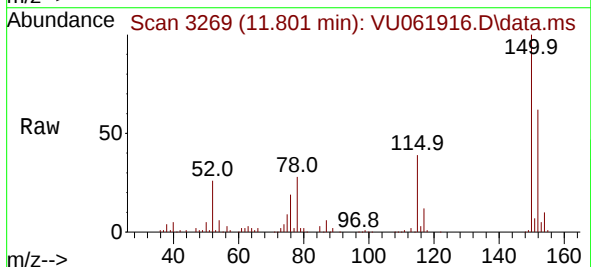
Instrument :
 MSVOA_U
 ClientSampleId :

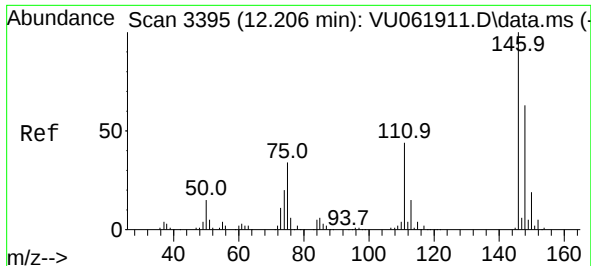
Tgt Ion:106 Resp: 7511
 Ion Ratio Lower Upper
 106 100
 91 209.4 147.6 274.0



#61
 1,2,3-Trichloropropane
 Concen: 1.189 ug/L
 RT: 11.801 min Scan# 3269
 Delta R.T. 0.987 min
 Lab File: VU061916.D
 Acq: 21 Nov 2024 14:33

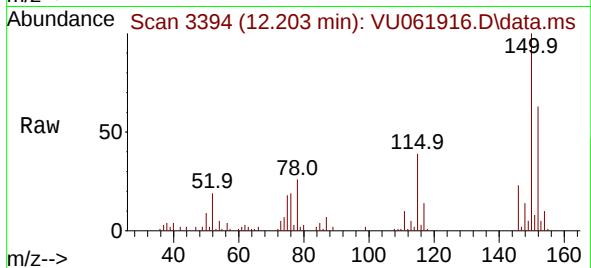
Tgt Ion: 75 Resp: 9619
 Ion Ratio Lower Upper
 75 100
 110 2.8 28.9 43.3#
 77 31.1 26.5 39.7





#67
 1,2-Dichlorobenzene
 Concen: 0.319 ug/L
 RT: 12.203 min Scan# 34
 Delta R.T. -0.003 min
 Lab File: VU061916.D
 Acq: 21 Nov 2024 14:33

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:146 Resp: 6724
 Ion Ratio Lower Upper
 146 100
 111 42.6 36.0 54.0
 148 60.9 52.3 78.5

