

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112224\
 Data File : VU061981.D
 Acq On : 22 Nov 2024 18:55
 Operator : MD/SY
 Sample : P4903-08
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 22 22:48:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR112024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 22 22:40:46 2024
 Response via : Initial Calibration

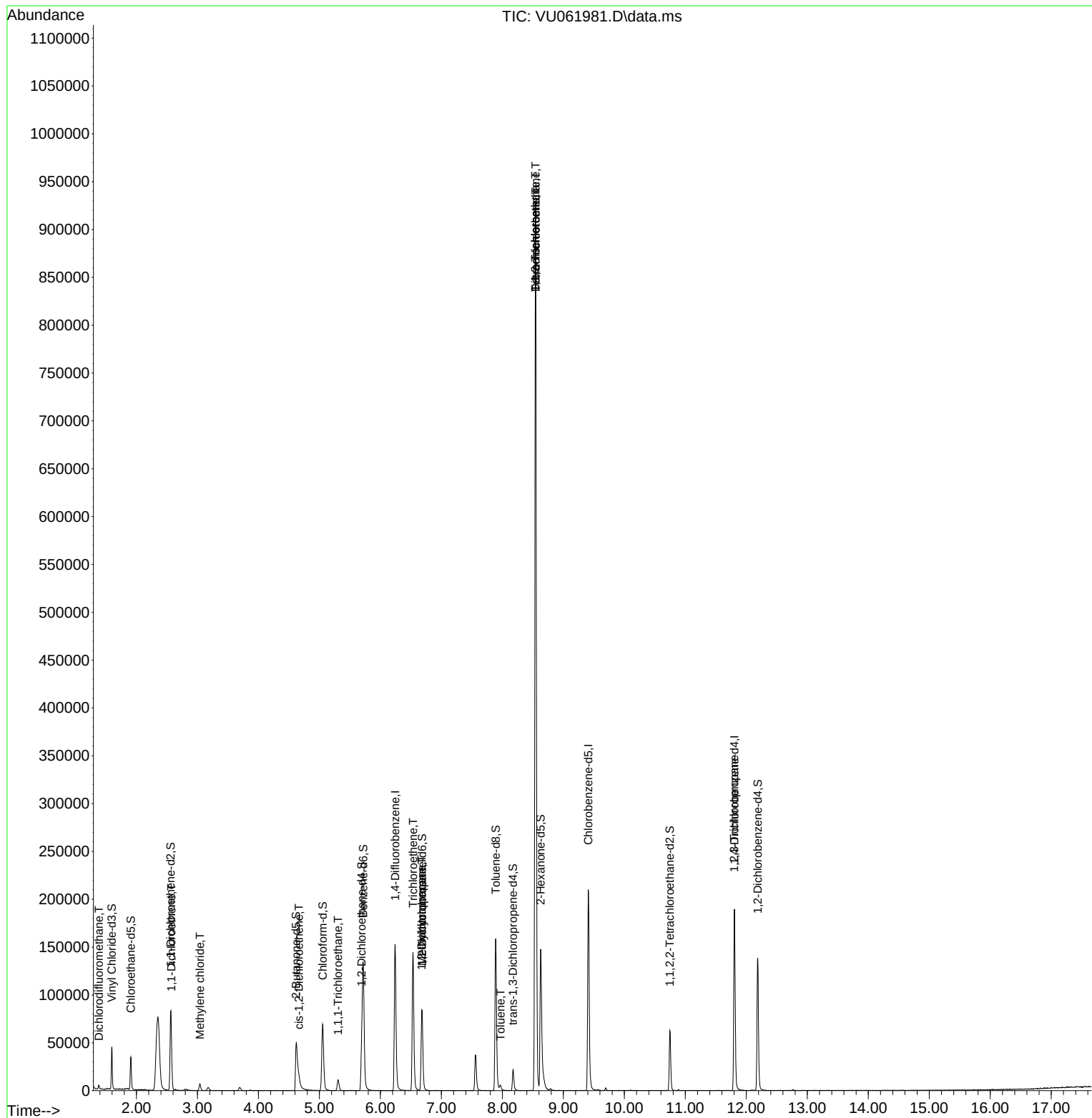
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	130104	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	122851	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	54072	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	30750	4.818	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.400%
7) Chloroethane-d5	1.908	69	25353	4.491	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.800%
11) 1,1-Dichloroethene-d2	2.560	65	14531	5.699	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	114.000%
20) 2-Butanone-d5	4.618	46	77446	38.645	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	77.300%
24) Chloroform-d	5.052	84	68749	4.416	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.400%
26) 1,2-Dichloroethane-d4	5.692	65	36812	4.594	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.800%
32) Benzene-d6	5.718	84	131595	5.498	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.000%
36) 1,2-Dichloropropane-d6	6.682	67	43230	5.315	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.400%
41) Toluene-d8	7.891	98	113552	5.688	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	113.800%
43) trans-1,3-Dichloroprop...	8.174	79	14533	4.827	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.600%
46) 2-Hexanone-d5	8.627	63	52667	38.323	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	76.640%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	32248	3.968	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	79.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	39261	4.910	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.200%
Target Compounds						
2) Dichlorodifluoromethane	1.383	85	2532	0.222	ug/L	97
12) 1,1-Dichloroethene	2.573	96	5310	0.609	ug/L #	1
16) Methylene chloride	3.039	84	3717	0.355	ug/L	89
22) cis-1,2-Dichloroethene	4.663	96	3522	0.339	ug/L	96
29) 1,1,1-Trichloroethane	5.306	97	8911	0.629	ug/L	95
34) Trichloroethene	6.534	95	52600	5.312	ug/L	98
35) Methylcyclohexane	6.679	83	10241	0.676	ug/L #	20
37) 1,2-Dichloropropane	6.676	63	4795	0.497	ug/L #	87
42) Toluene	7.968	91	4856	0.125	ug/L	96
45) 1,1,2-Trichloroethane	8.541	97	1784	0.251	ug/L #	1
47) Tetrachloroethene	8.544	164	206204	28.633	ug/L	96
49) Dibromochloromethane	8.544	129	208487	27.793	ug/L #	13
61) 1,2,3-Trichloropropane	11.801	75	5819	0.931	ug/L #	69

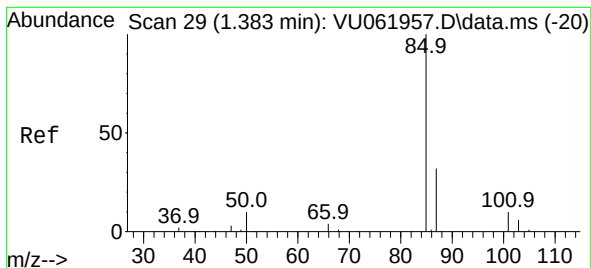
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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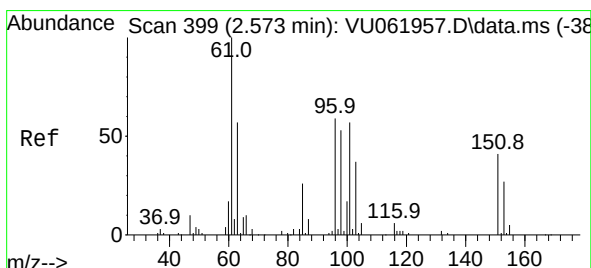
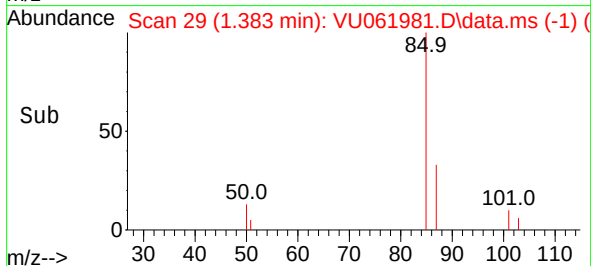
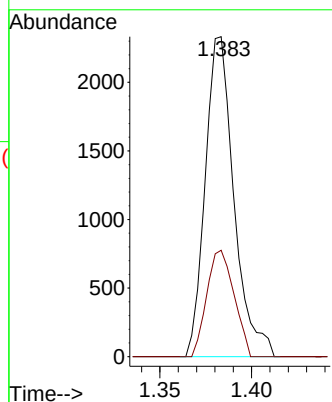
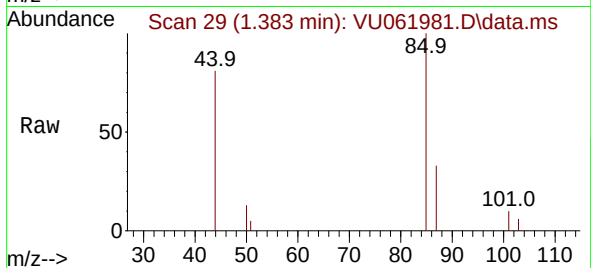




#2
 Dichlorodifluoromethane
 Concen: 0.222 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. 0.000 min
 Lab File: VU061981.D
 Acq: 22 Nov 2024 18:55

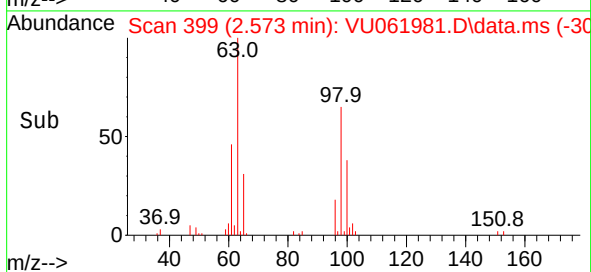
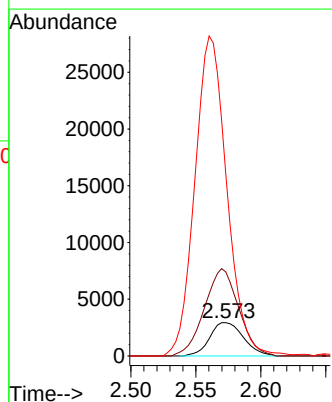
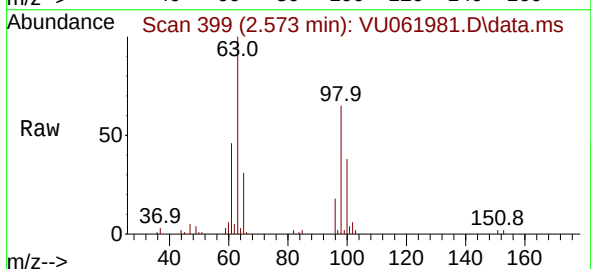
Instrument :
 MSVOA_U
 ClientSampleId :

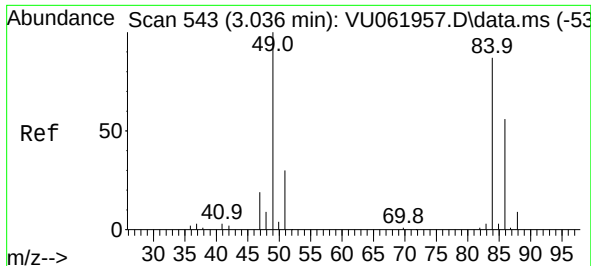
Tgt Ion: 85 Resp: 2532
 Ion Ratio Lower Upper
 85 100
 87 31.5 26.6 40.0



#12
 1,1-Dichloroethene
 Concen: 0.609 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. 0.000 min
 Lab File: VU061981.D
 Acq: 22 Nov 2024 18:55

Tgt Ion: 96 Resp: 5310
 Ion Ratio Lower Upper
 96 100
 61 252.3 119.6 222.2#
 63 545.5 65.0 120.6#

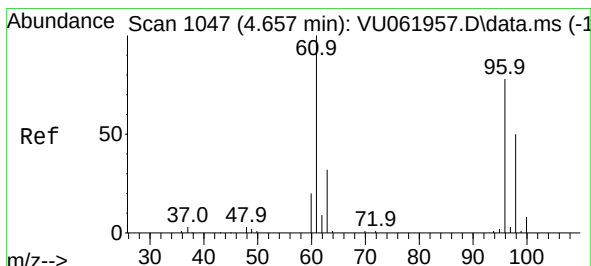
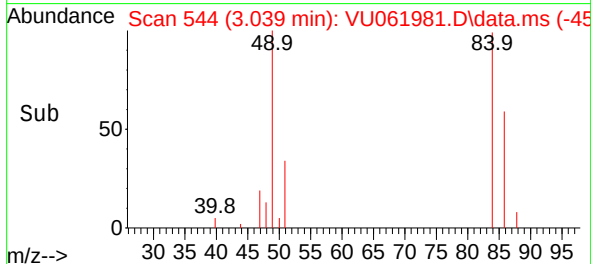
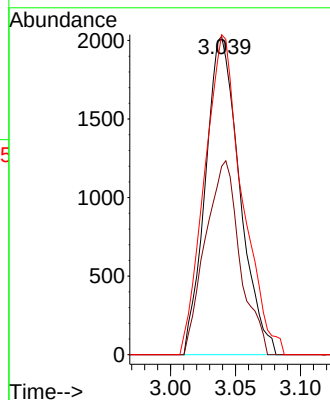
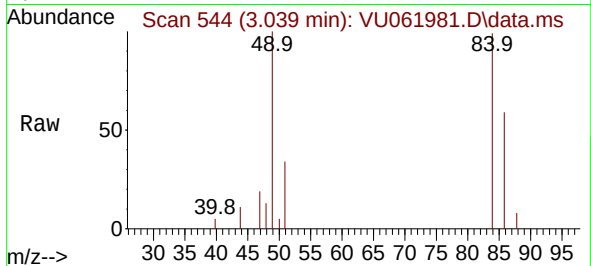




#16
Methylene chloride
Concen: 0.355 ug/L
RT: 3.039 min Scan# 543
Delta R.T. 0.003 min
Lab File: VU061981.D
Acq: 22 Nov 2024 18:55

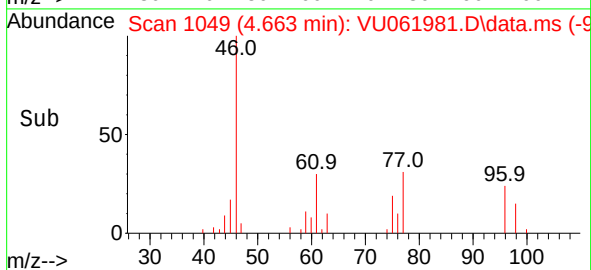
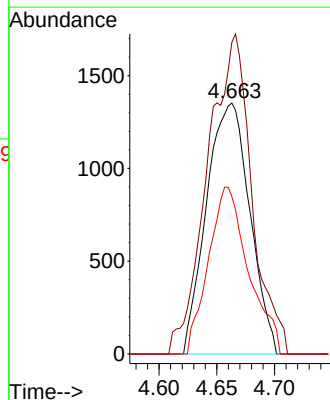
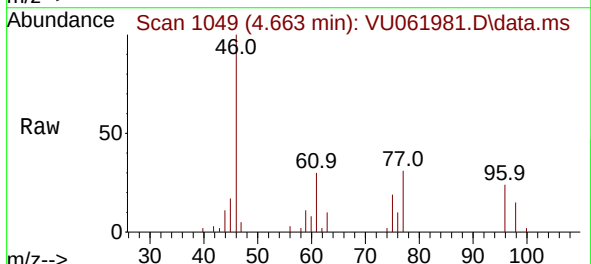
Instrument :
MSVOA_U
ClientSampleId :

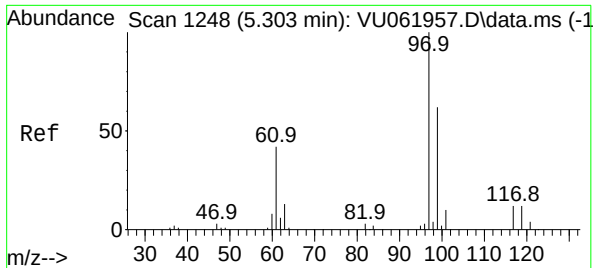
Tgt Ion: 84 Resp: 3717
Ion Ratio Lower Upper
84 100
86 59.2 43.5 80.7
49 100.5 81.9 152.1



#22
cis-1,2-Dichloroethene
Concen: 0.339 ug/L
RT: 4.663 min Scan# 1049
Delta R.T. 0.006 min
Lab File: VU061981.D
Acq: 22 Nov 2024 18:55

Tgt Ion: 96 Resp: 3522
Ion Ratio Lower Upper
96 100
61 124.3 92.0 170.8
98 62.7 44.5 82.7

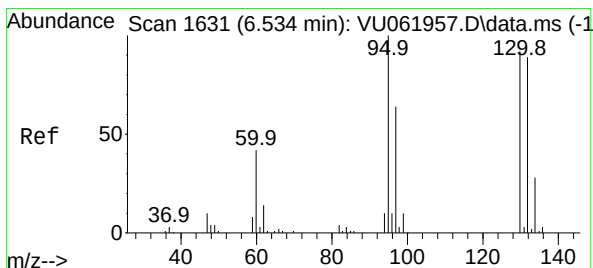
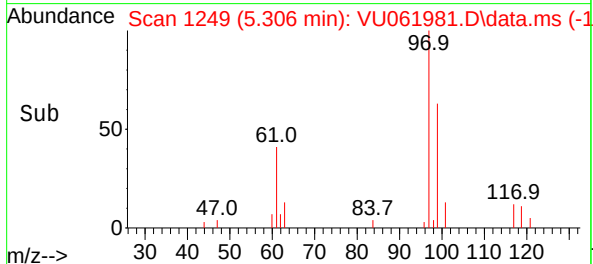
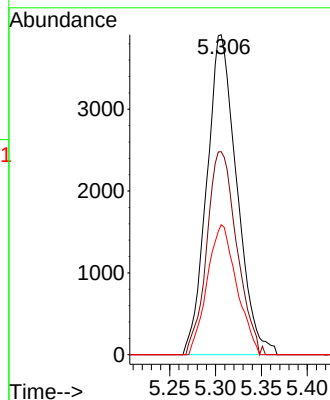
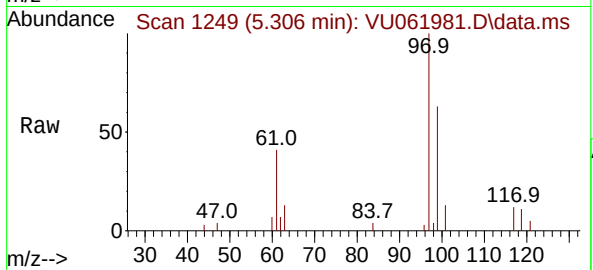




#29
1,1,1-Trichloroethane
Concen: 0.629 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. 0.003 min
Lab File: VU061981.D
Acq: 22 Nov 2024 18:55

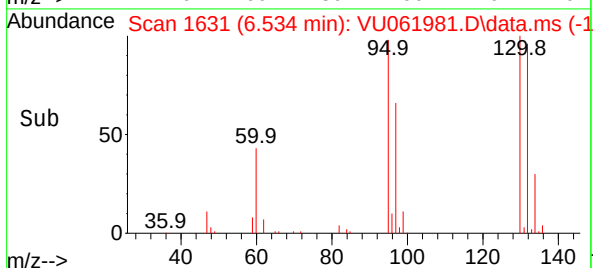
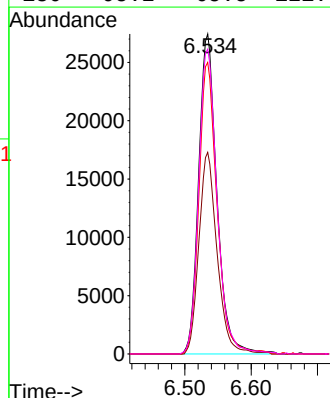
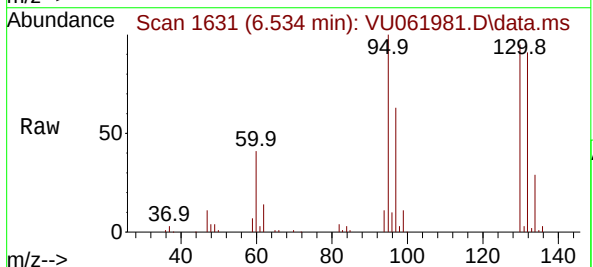
Instrument :
MSVOA_U
ClientSampleId :

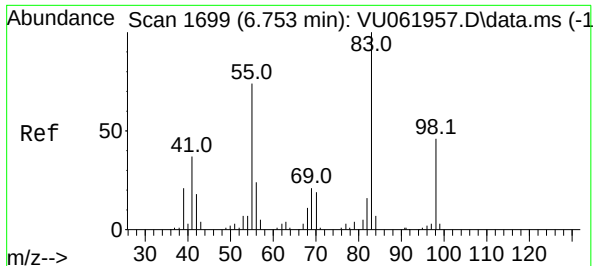
Tgt Ion: 97	Resp: 8911
Ion Ratio	Lower Upper
97	100
99	63.4 51.4 77.2
61	39.8 37.8 56.6



#34
Trichloroethene
Concen: 5.312 ug/L
RT: 6.534 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VU061981.D
Acq: 22 Nov 2024 18:55

Tgt Ion: 95	Resp: 52600
Ion Ratio	Lower Upper
95	100
97	63.0 45.9 85.3
132	91.1 63.8 118.4
130	95.2 65.5 121.7

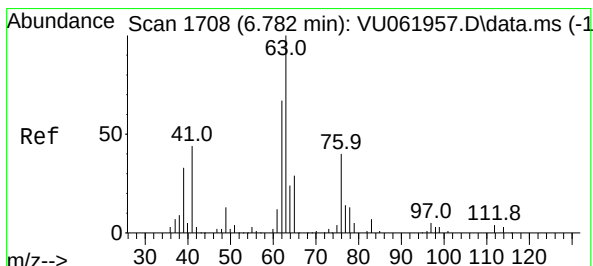
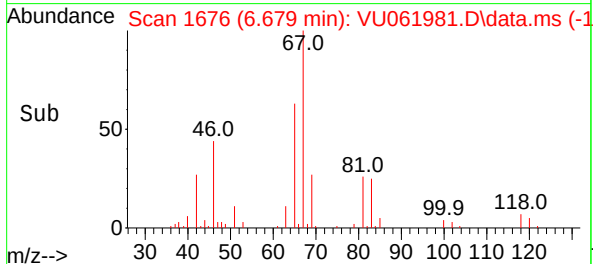
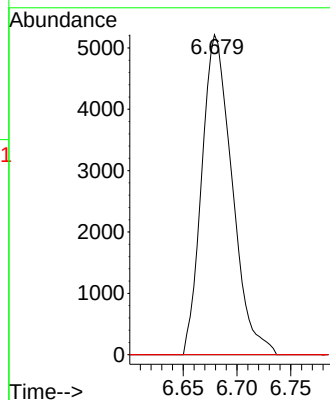
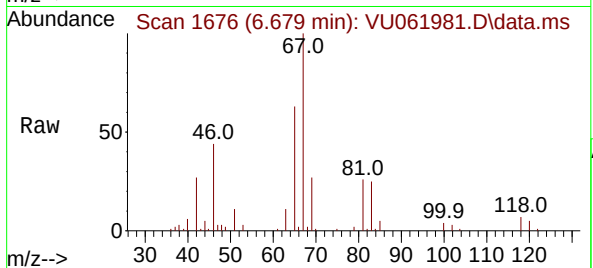




#35
Methylcyclohexane
Concen: 0.676 ug/L
RT: 6.679 min Scan# 1676
Delta R.T. -0.074 min
Lab File: VU061981.D
Acq: 22 Nov 2024 18:55

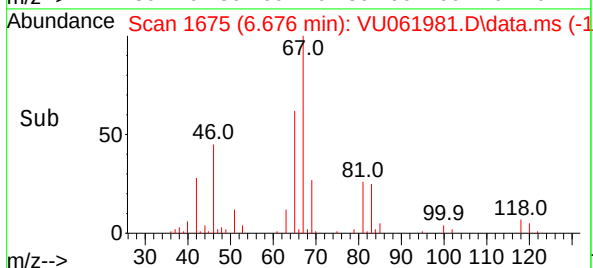
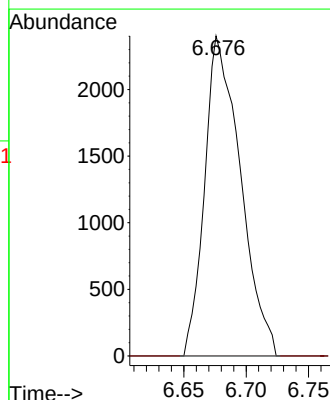
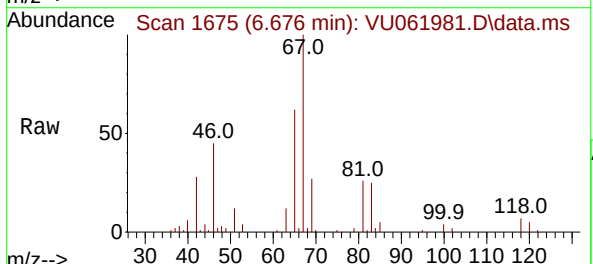
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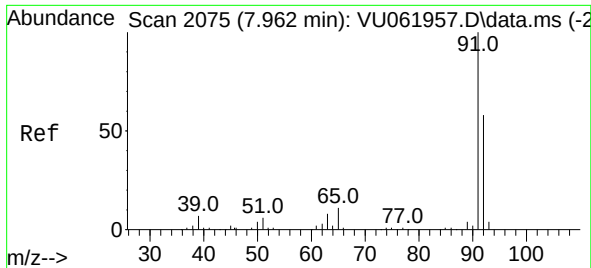
Tgt Ion: 83 Resp: 10241
Ion Ratio Lower Upper
83 100
55 0.0 60.7 91.1#
98 2.2 34.8 52.2#



#37
1,2-Dichloropropane
Concen: 0.497 ug/L
RT: 6.676 min Scan# 1675
Delta R.T. -0.106 min
Lab File: VU061981.D
Acq: 22 Nov 2024 18:55

Tgt Ion: 63 Resp: 4795
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#





#42

Toluene

Concen: 0.125 ug/L

RT: 7.968 min Scan# 2075

Delta R.T. 0.006 min

Lab File: VU061981.D

Acq: 22 Nov 2024 18:55

Instrument :

MSVOA_U

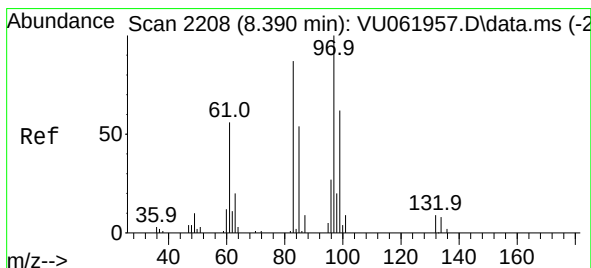
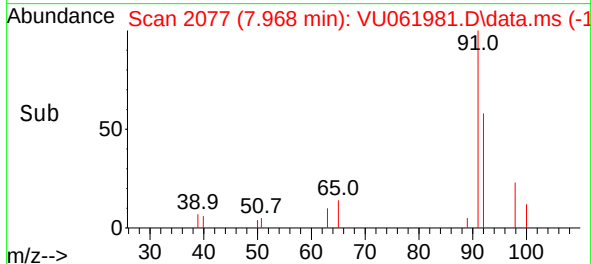
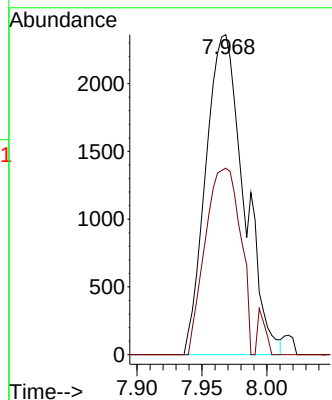
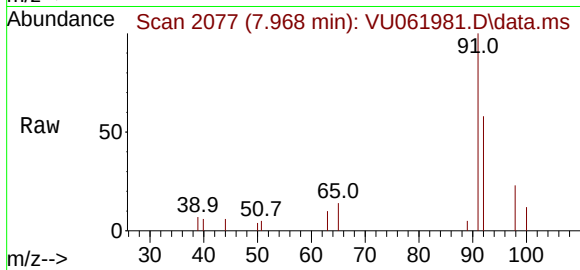
ClientSampleId :

Tgt Ion: 91 Resp: 4856

Ion Ratio Lower Upper

91 100

92 58.3 39.0 72.4



#45

1,1,2-Trichloroethane

Concen: 0.251 ug/L

RT: 8.541 min Scan# 2255

Delta R.T. 0.151 min

Lab File: VU061981.D

Acq: 22 Nov 2024 18:55

Tgt Ion: 97 Resp: 1784

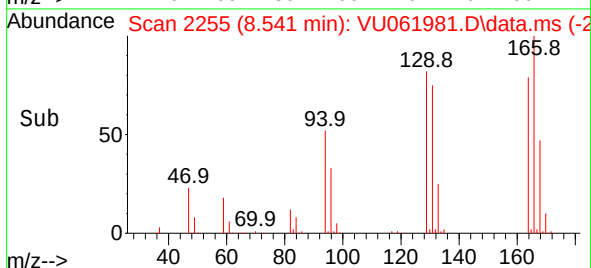
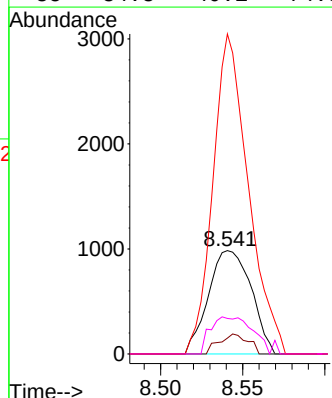
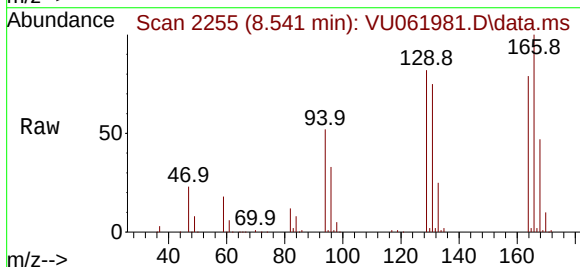
Ion Ratio Lower Upper

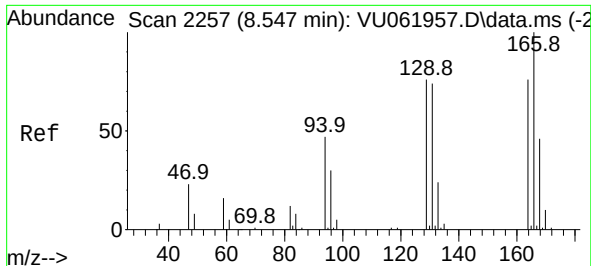
97 100

99 15.3 43.0 79.8#

83 309.3 61.7 114.5#

85 34.3 40.1 74.5#





#47

Tetrachloroethene

Concen: 28.633 ug/L

RT: 8.544 min Scan# 2256

Delta R.T. -0.003 min

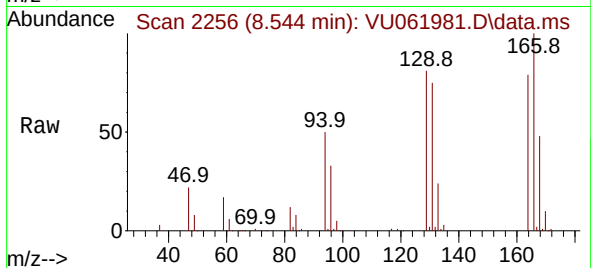
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Acq: 22 Nov 2024 18:55

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:164 Resp: 206204

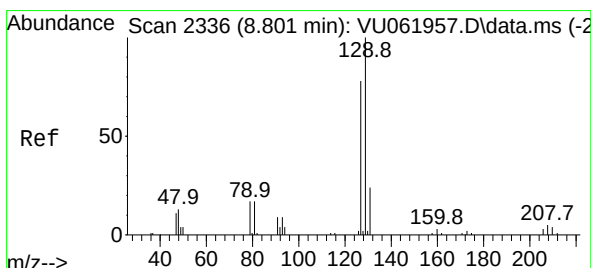
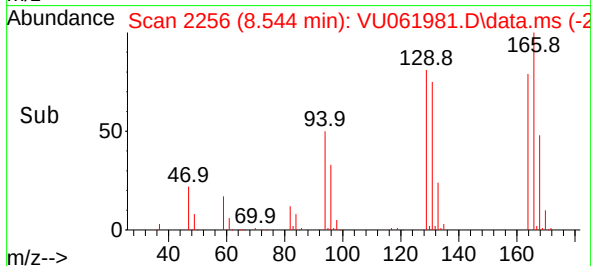
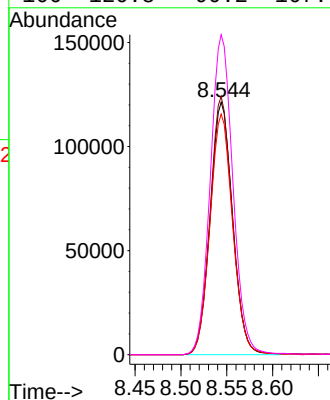
Ion Ratio Lower Upper

164 100

129 102.4 73.2 136.0

131 95.3 72.3 134.3

166 126.8 90.2 167.4



#49

Dibromochloromethane

Concen: 27.793 ug/L

RT: 8.544 min Scan# 2256

Delta R.T. -0.257 min

Lab File: VU061981.D

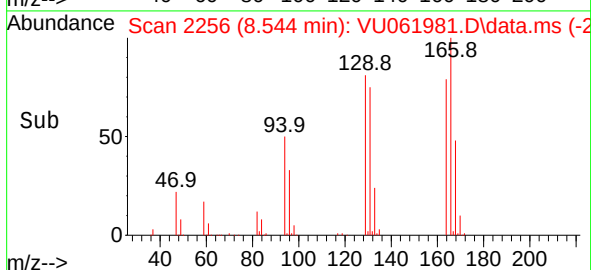
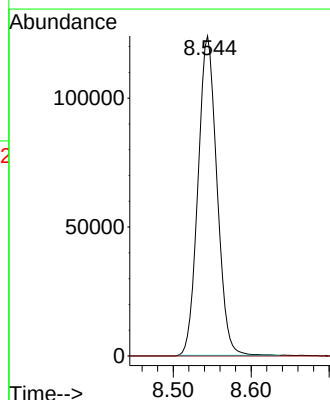
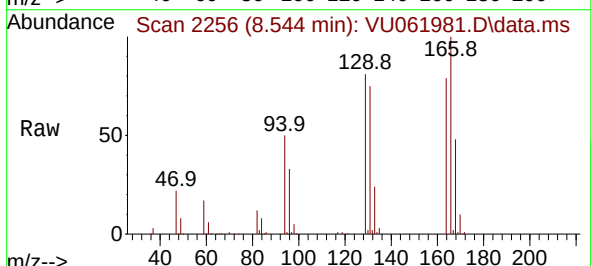
Acq: 22 Nov 2024 18:55

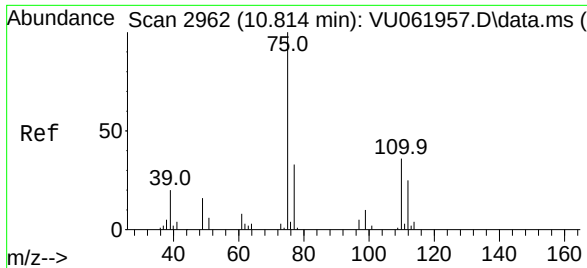
Tgt Ion:129 Resp: 208487

Ion Ratio Lower Upper

129 100

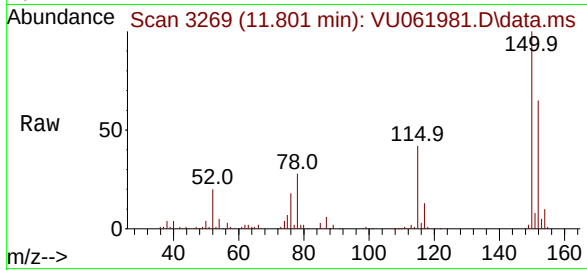
127 0.0 51.1 94.9#





#61
 1,2,3-Trichloropropane
 Concen: 0.931 ug/L
 RT: 11.801 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU061981.D
 Acq: 22 Nov 2024 18:55

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 5819
 Ion Ratio Lower Upper
 75 100
 110 1.9 28.9 43.3#
 77 34.2 26.5 39.7

