

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112224\
 Data File : VU061986.D
 Acq On : 22 Nov 2024 21:46
 Operator : MD/SY
 Sample : P4904-11DL 10X
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 23 00:15:59 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)

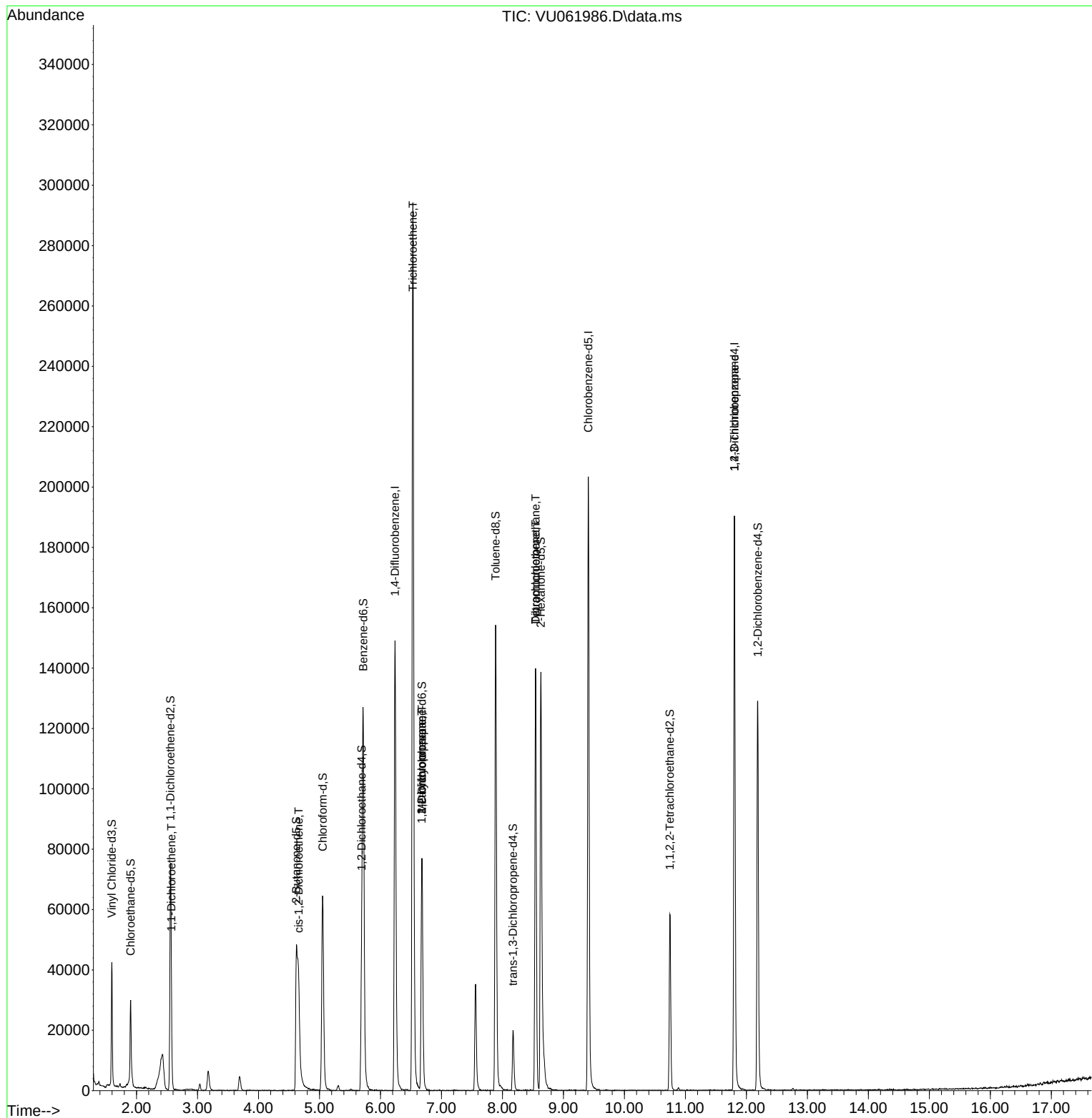
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	125521	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	117151	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	51810	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	28534	4.634	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.600%
7) Chloroethane-d5	1.904	69	17913	3.289	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	65.800%
11) 1,1-Dichloroethene-d2	2.557	65	14144	5.750	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	115.000%
20) 2-Butanone-d5	4.621	46	70092	36.252	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	72.500%
24) Chloroform-d	5.052	84	62777	4.179	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.600%
26) 1,2-Dichloroethane-d4	5.692	65	33380	4.318	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.400%
32) Benzene-d6	5.718	84	124173	5.440	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.800%
36) 1,2-Dichloropropane-d6	6.679	67	39219	5.057	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.200%
41) Toluene-d8	7.888	98	107761	5.660	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	113.200%
43) trans-1,3-Dichloroprop...	8.174	79	13505	4.704	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.000%
46) 2-Hexanone-d5	8.631	63	49882	38.062	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	76.120%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	30465	3.931	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	78.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	37807	4.935	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.800%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.573	96	2740	0.326	ug/L #	1
22) cis-1,2-Dichloroethene	4.660	96	13962	1.394	ug/L	95
34) Trichloroethene	6.531	95	106508	11.280	ug/L	99
35) Methylcyclohexane	6.679	83	9364	0.648	ug/L #	19
37) 1,2-Dichloropropane	6.676	63	4289	0.467	ug/L #	87
47) Tetrachloroethene	8.544	164	31753	4.624	ug/L	95
49) Dibromochloromethane	8.544	129	31947	4.466	ug/L #	13
61) 1,2,3-Trichloropropane	11.804	75	5931	0.990	ug/L #	66

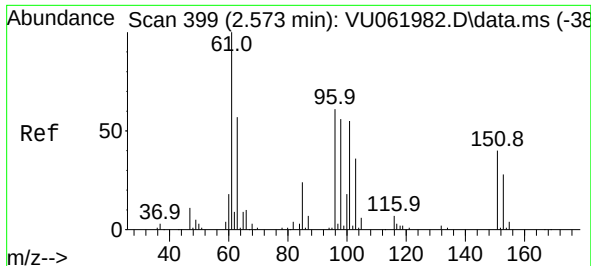
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112224\
Data File : VU061986.D
Acq On : 22 Nov 2024 21:46
Operator : MD/SY
Sample : P4904-11DL 10X
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Nov 23 00:15:59 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





#12

1,1-Dichloroethene

Concen: 0.326 ug/L

RT: 2.573 min Scan# 399

Delta R.T. 0.000 min

Lab File: VU061986.D

Acq: 22 Nov 2024 21:46

Instrument :

MSVOA_U

ClientSampleId :

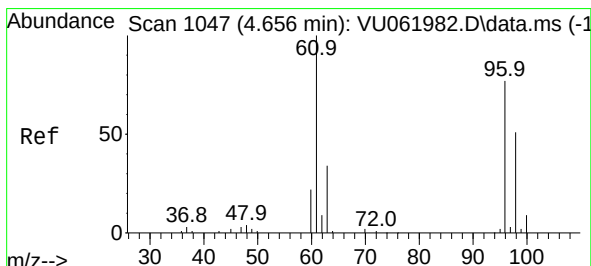
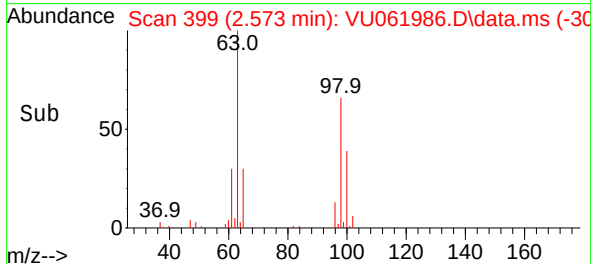
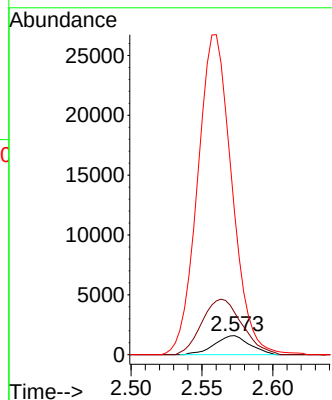
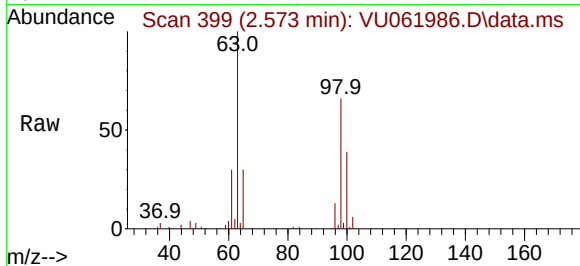
Tgt Ion: 96 Resp: 2740

Ion Ratio Lower Upper

96 100

61 221.0 119.6 222.2

63 745.8 65.0 120.6#



#22

cis-1,2-Dichloroethene

Concen: 1.394 ug/L

RT: 4.660 min Scan# 1048

Delta R.T. 0.003 min

Lab File: VU061986.D

Acq: 22 Nov 2024 21:46

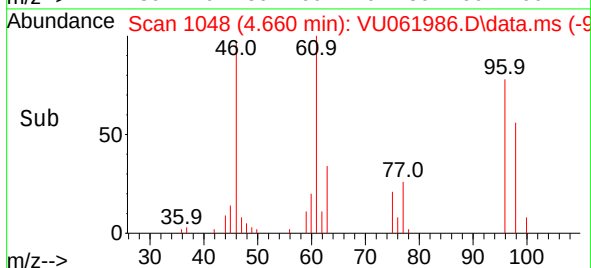
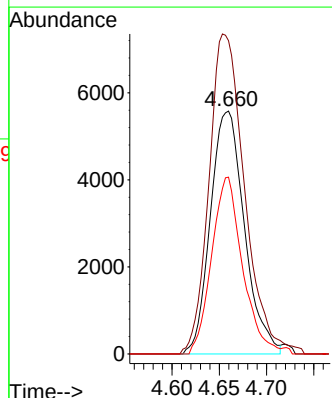
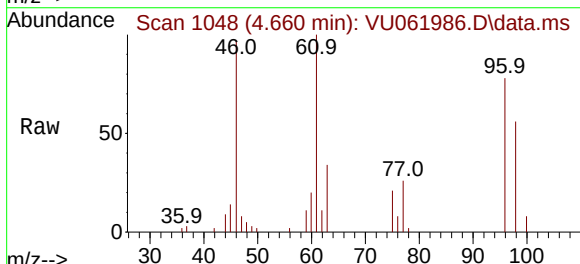
Tgt Ion: 96 Resp: 13962

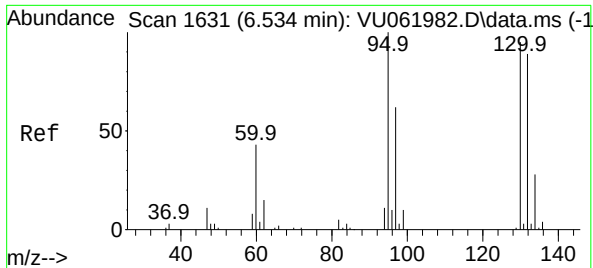
Ion Ratio Lower Upper

96 100

61 129.0 92.0 170.8

98 72.8 44.5 82.7

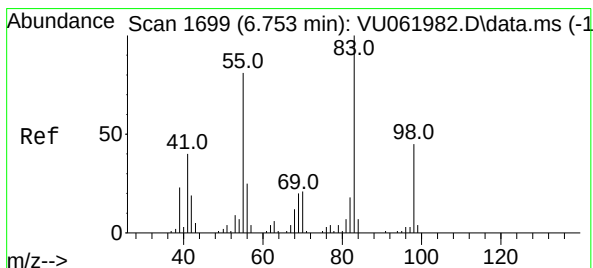
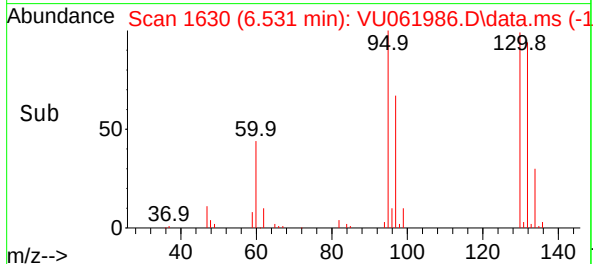
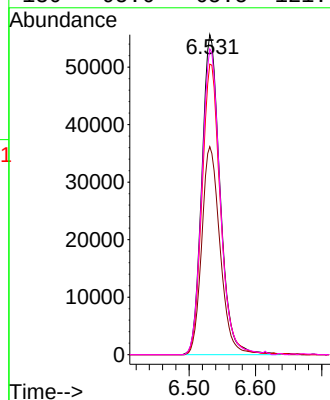
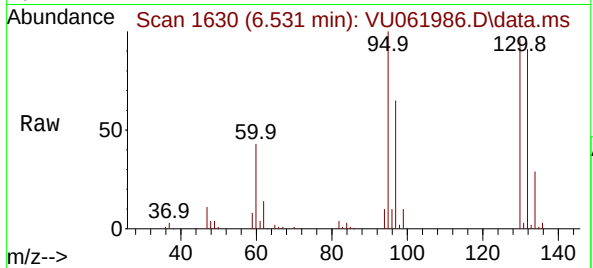




#34
Trichloroethene
Concen: 11.280 ug/L
RT: 6.531 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU061986.D
Acq: 22 Nov 2024 21:46

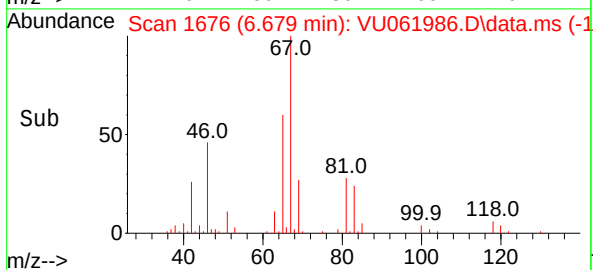
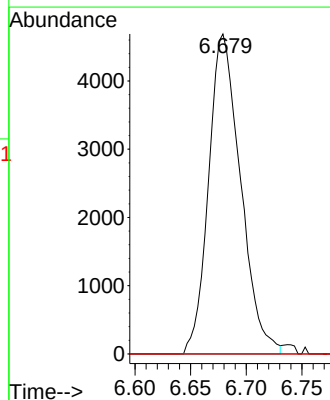
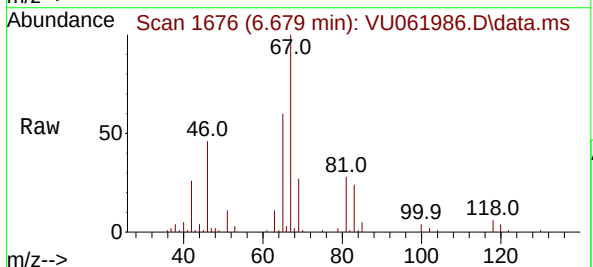
Instrument :
MSVOA_U
ClientSampleId :

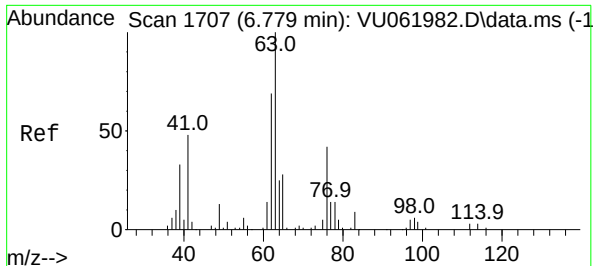
Tgt Ion: 95 Resp: 106508
Ion Ratio Lower Upper
95 100
97 65.0 45.9 85.3
132 90.8 63.8 118.4
130 95.6 65.5 121.7



#35
Methylcyclohexane
Concen: 0.648 ug/L
RT: 6.679 min Scan# 1676
Delta R.T. -0.074 min
Lab File: VU061986.D
Acq: 22 Nov 2024 21:46

Tgt Ion: 83 Resp: 9364
Ion Ratio Lower Upper
83 100
55 0.0 60.7 91.1#
98 0.0 34.8 52.2#

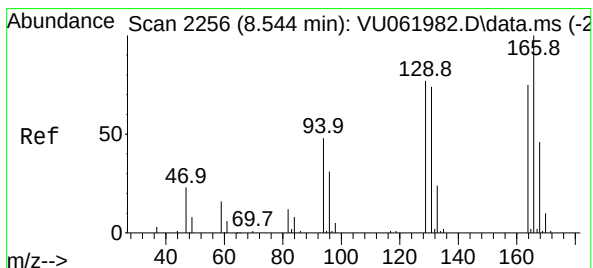
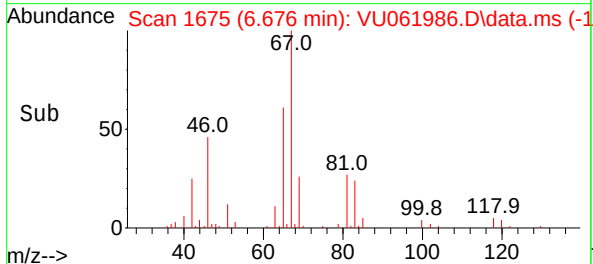
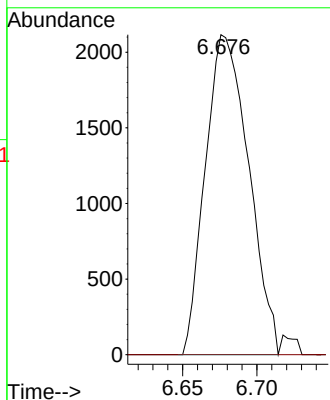
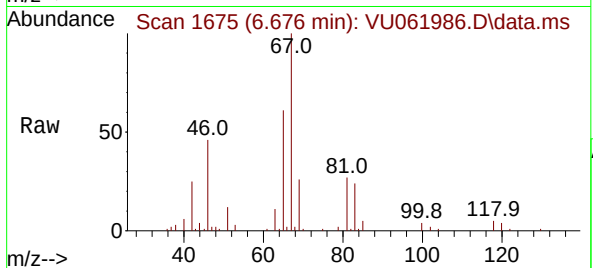




#37
1,2-Dichloropropane
Concen: 0.467 ug/L
RT: 6.676 min Scan# 1
Delta R.T. -0.103 min
Lab File: VU061986.D
Acq: 22 Nov 2024 21:46

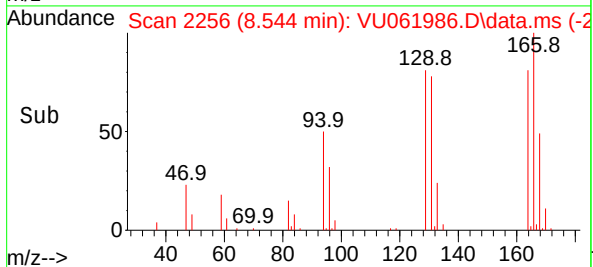
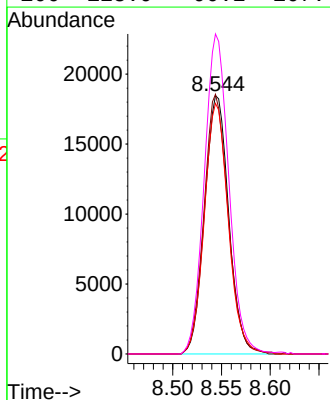
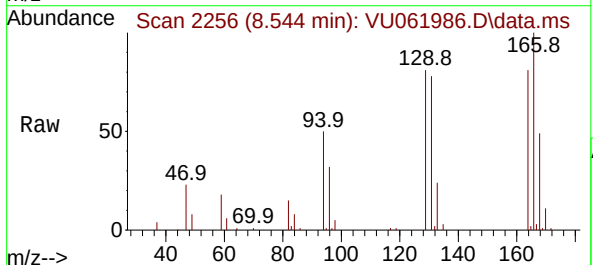
Instrument :
MSVOA_U
ClientSampleId :

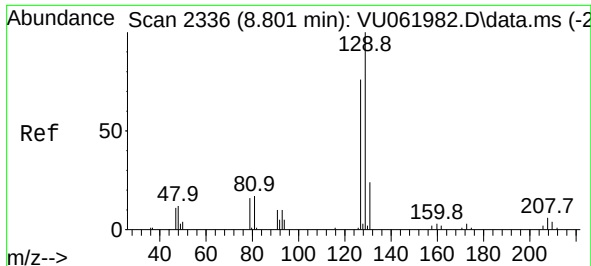
Tgt Ion: 63 Resp: 4289
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



#47
Tetrachloroethene
Concen: 4.624 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. 0.000 min
Lab File: VU061986.D
Acq: 22 Nov 2024 21:46

Tgt Ion:164 Resp: 31753
Ion Ratio Lower Upper
164 100
129 100.5 73.2 136.0
131 97.0 72.3 134.3
166 123.9 90.2 167.4





#49

Dibromochloromethane

Concen: 4.466 ug/L

RT: 8.544 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU061986.D

Acq: 22 Nov 2024 21:46

Instrument :

MSVOA_U

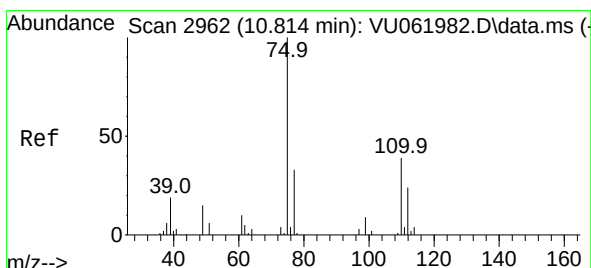
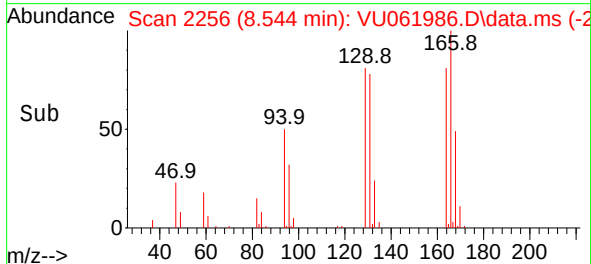
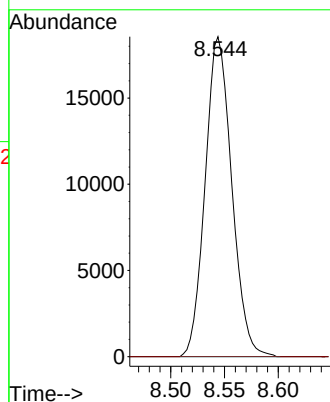
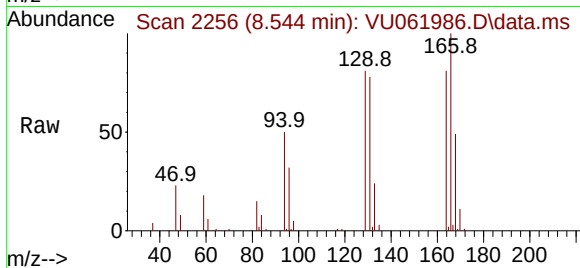
ClientSampleId :

Tgt Ion:129 Resp: 31947

Ion Ratio Lower Upper

129 100

127 0.0 51.1 94.9#



#61

1,2,3-Trichloropropane

Concen: 0.990 ug/L

RT: 11.804 min Scan# 3270

Delta R.T. 0.990 min

Lab File: VU061986.D

Acq: 22 Nov 2024 21:46

Tgt Ion: 75 Resp: 5931

Ion Ratio Lower Upper

75 100

110 0.3 28.9 43.3#

77 30.4 26.5 39.7

