

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121624\
 Data File : VU062337.D
 Acq On : 16 Dec 2024 12:23
 Operator : MD/SY
 Sample : P5274-03
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH8B2

Quant Time: Dec 17 00:33:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 17 00:31:28 2024
 Response via : Initial Calibration

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

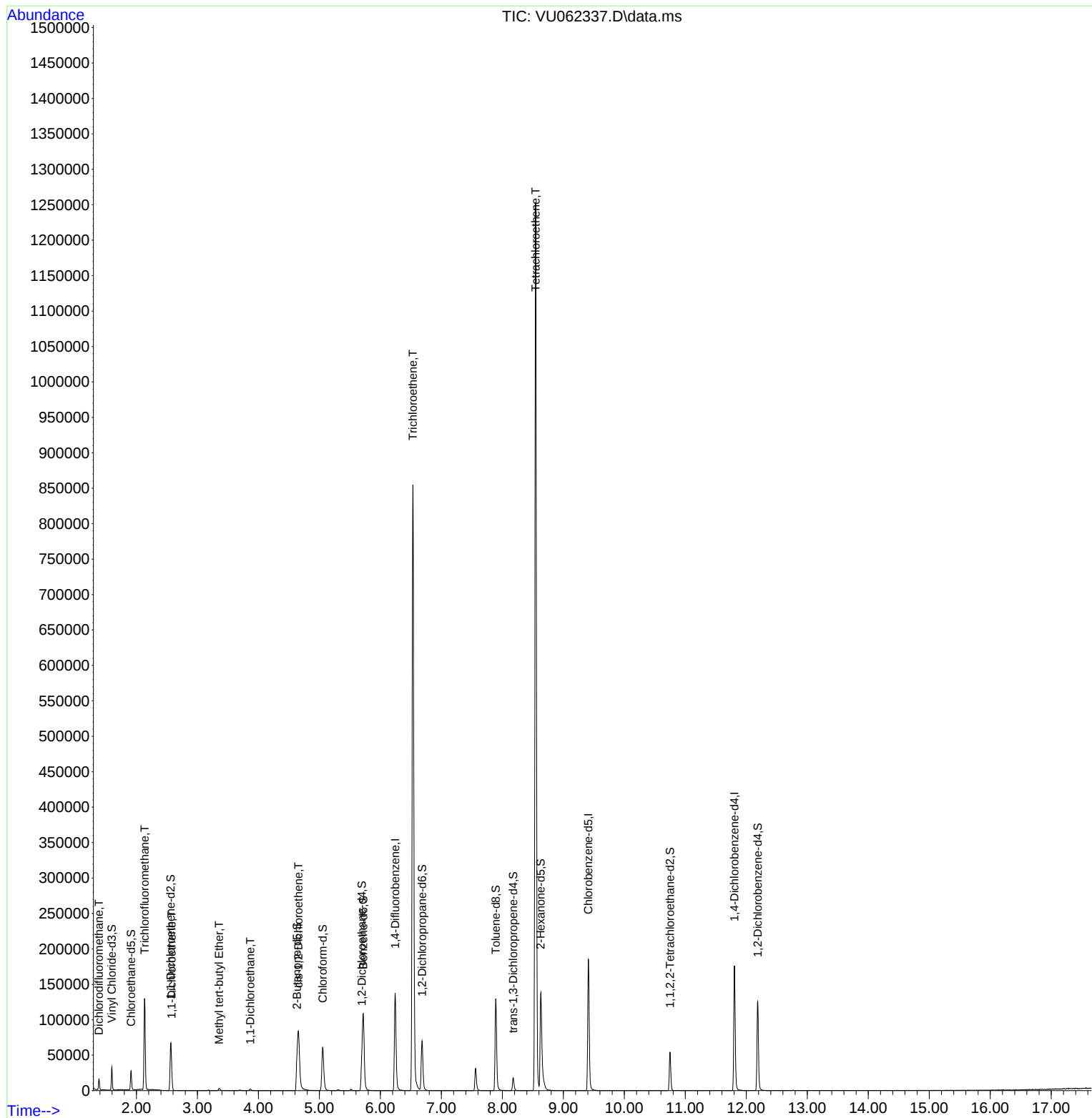
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	113656	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	108539	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	51210	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	21520	2.807	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	56.200%
7) Chloroethane-d5	1.911	69	19608	3.596	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	72.000%
11) 1,1-Dichloroethene-d2	2.560	65	11320	3.104	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.000%
20) 2-Butanone-d5	4.631	46	65134	44.333	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.660%
24) Chloroform-d	5.052	84	59485	3.585	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	71.800%
26) 1,2-Dichloroethane-d4	5.695	65	33052	4.051	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.000%
32) Benzene-d6	5.718	84	104261	3.335	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	66.800%#
36) 1,2-Dichloropropane-d6	6.682	67	33121	3.703	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	74.000%
41) Toluene-d8	7.891	98	93372	3.162	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	63.200%#
43) trans-1,3-Dichloroprop...	8.177	79	12372	3.142	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	62.800%
46) 2-Hexanone-d5	8.627	63	51689	43.518	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.040%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	27596	3.965	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	79.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	36372	3.854	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	77.000%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	5955	0.559	ug/L	93
9) Trichlorofluoromethane	2.133	101	85871	5.694	ug/L	99
12) 1,1-Dichloroethene	2.576	96	4746	0.618	ug/L	# 8
17) Methyl tert-butyl Ether	3.354	73	3425	0.179	ug/L	94
19) 1,1-Dichloroethane	3.866	63	2880	0.199	ug/L	90
22) cis-1,2-Dichloroethene	4.657	96	36574	4.138	ug/L	96
34) Trichloroethene	6.531	95	303216	31.824	ug/L	98
47) Tetrachloroethene	8.544	164	278480	37.855	ug/L	96

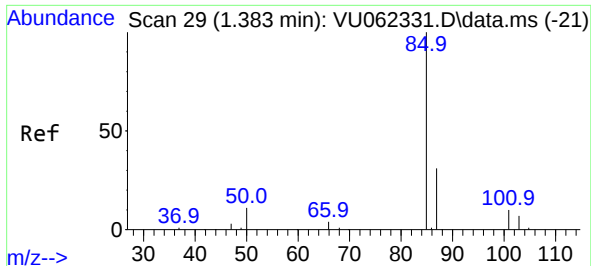
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121624\
Data File : VU062337.D
Acq On : 16 Dec 2024 12:23
Operator : MD/SY
Sample : P5274-03
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BH8B2

Quant Time: Dec 17 00:33:11 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Dec 17 00:31:28 2024
Response via : Initial Calibration

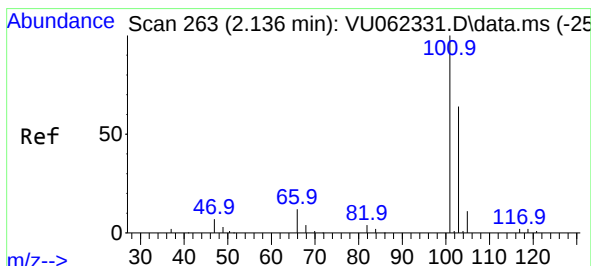
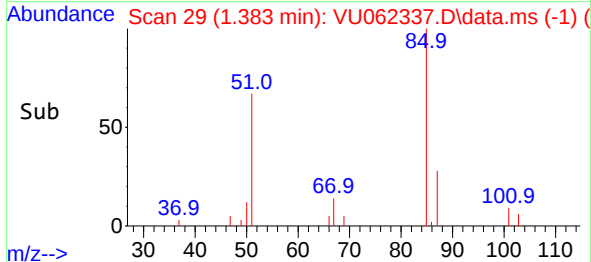
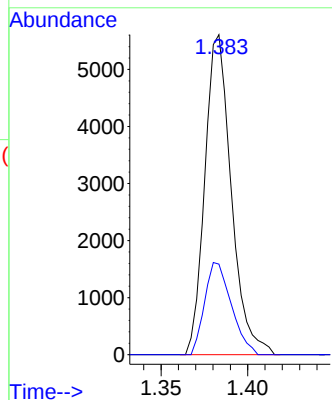
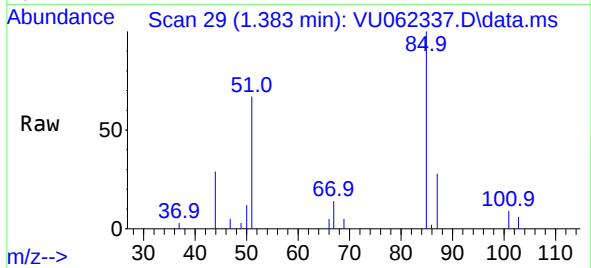




#2
Dichlorodifluoromethane
Concen: 0.559 ug/L
RT: 1.383 min Scan# 29
Delta R.T. 0.000 min
Lab File: VU062337.D
Acq: 16 Dec 2024 12:23

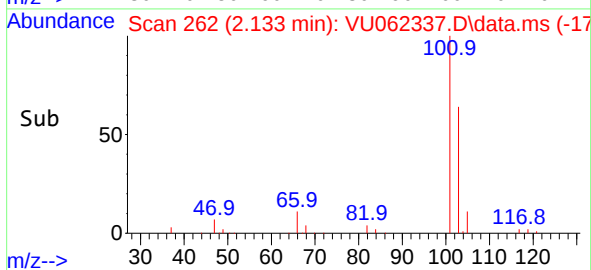
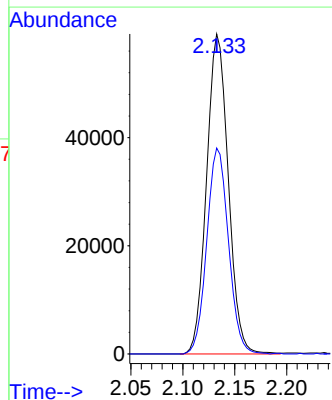
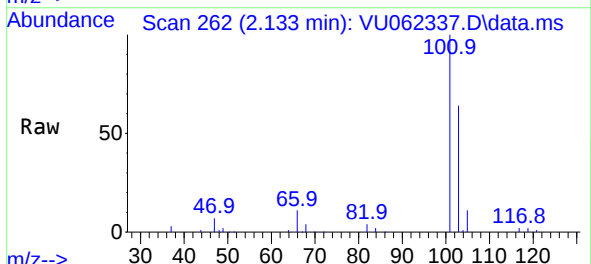
Instrument :
MSVOA_U
ClientSampleId :
BH8B2

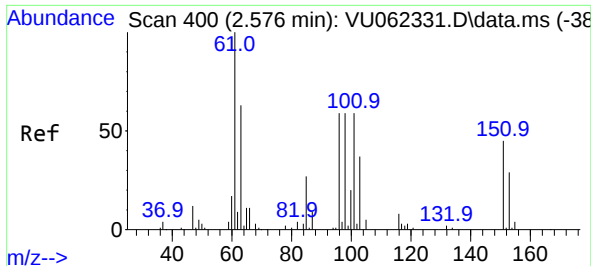
Tgt Ion: 85 Resp: 5955
Ion Ratio Lower Upper
85 100
87 29.1 26.6 40.0



#9
Trichlorofluoromethane
Concen: 5.694 ug/L
RT: 2.133 min Scan# 262
Delta R.T. -0.003 min
Lab File: VU062337.D
Acq: 16 Dec 2024 12:23

Tgt Ion: 101 Resp: 85871
Ion Ratio Lower Upper
101 100
103 64.3 50.6 75.8

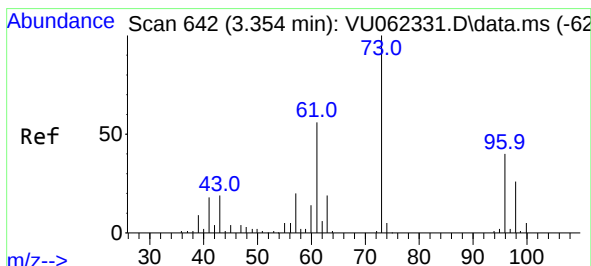
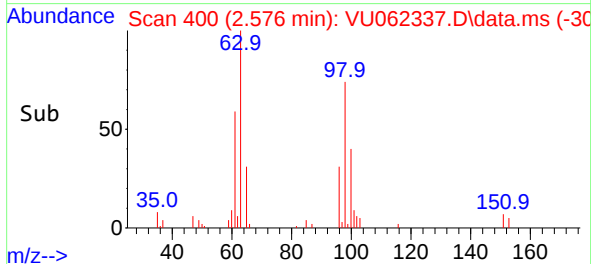
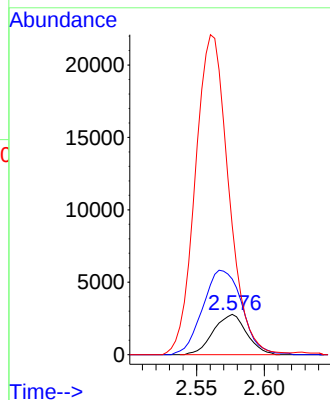
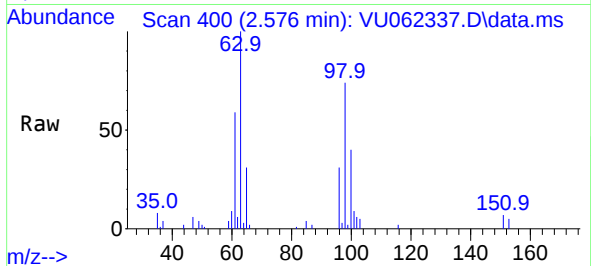




#12
1,1-Dichloroethene
Concen: 0.618 ug/L
RT: 2.576 min Scan# 400
Delta R.T. 0.000 min
Lab File: VU062337.D
Acq: 16 Dec 2024 12:23

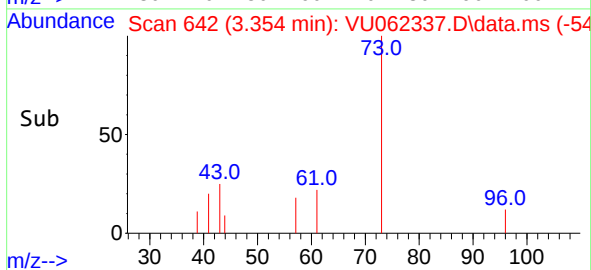
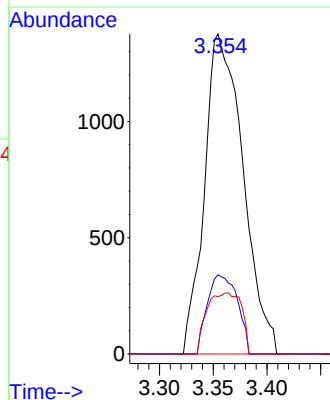
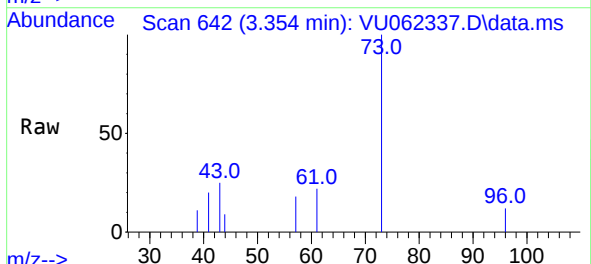
Instrument :
MSVOA_U
ClientSampleId :
BH8B2

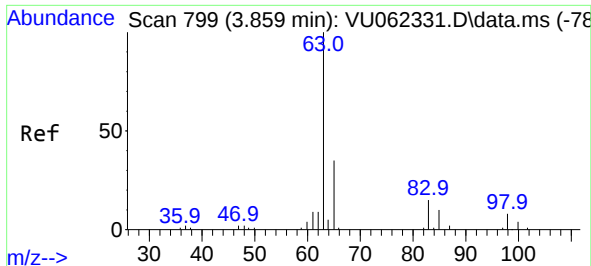
Tgt Ion: 96 Resp: 4746
Ion Ratio Lower Upper
96 100
61 188.1 119.6 222.2
63 321.2 65.0 120.6#



#17
Methyl tert-butyl Ether
Concen: 0.179 ug/L
RT: 3.354 min Scan# 642
Delta R.T. 0.000 min
Lab File: VU062337.D
Acq: 16 Dec 2024 12:23

Tgt Ion: 73 Resp: 3425
Ion Ratio Lower Upper
73 100
43 19.3 16.3 24.5
57 17.2 17.1 25.7



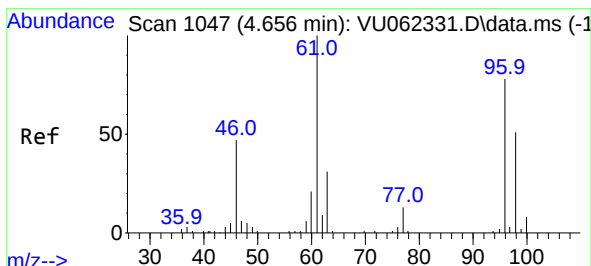
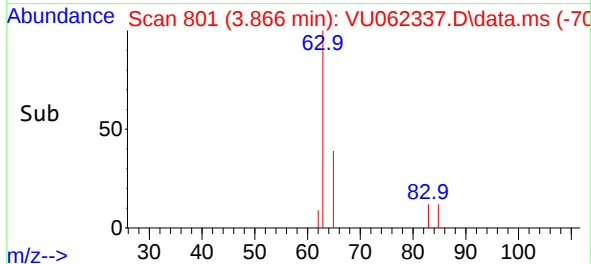
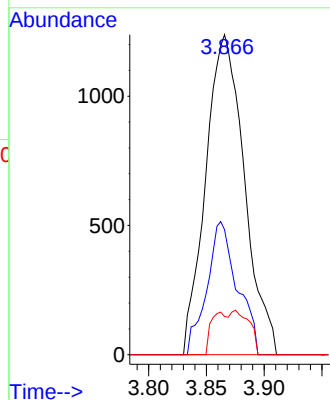
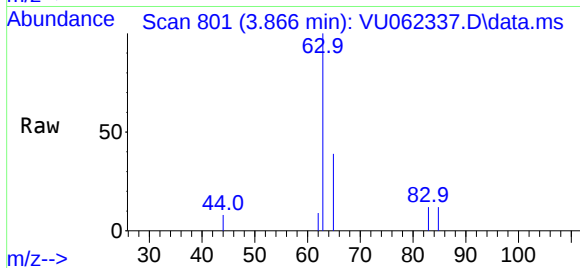


#19
1,1-Dichloroethane
Concen: 0.199 ug/L
RT: 3.866 min Scan# 801
Delta R.T. 0.007 min
Lab File: VU062337.D
Acq: 16 Dec 2024 12:23

Instrument :
MSVOA_U
ClientSampleId :
BH8B2

Tgt Ion: 63 Resp: 2880

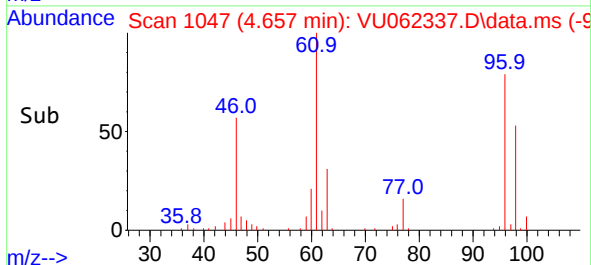
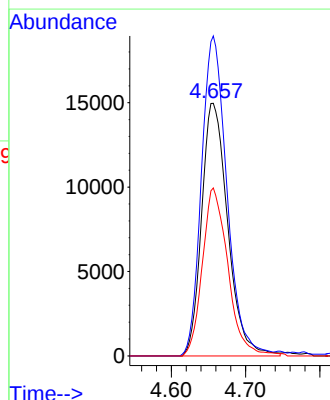
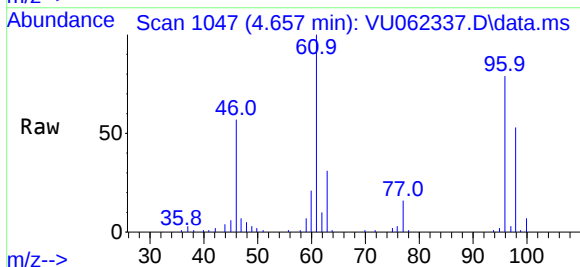
Ion	Ratio	Lower	Upper
63	100		
65	39.1	22.7	42.3
83	12.0	9.9	18.3

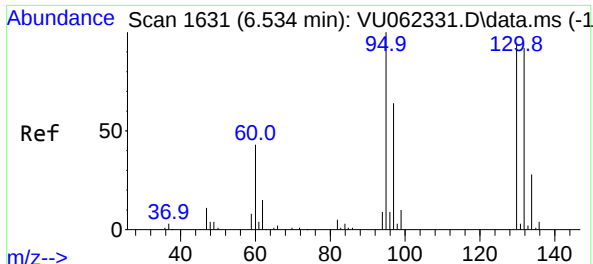


#22
cis-1,2-Dichloroethene
Concen: 4.138 ug/L
RT: 4.657 min Scan# 1047
Delta R.T. 0.000 min
Lab File: VU062337.D
Acq: 16 Dec 2024 12:23

Tgt Ion: 96 Resp: 36574

Ion	Ratio	Lower	Upper
96	100		
61	126.6	92.0	170.8
98	66.5	44.5	82.7

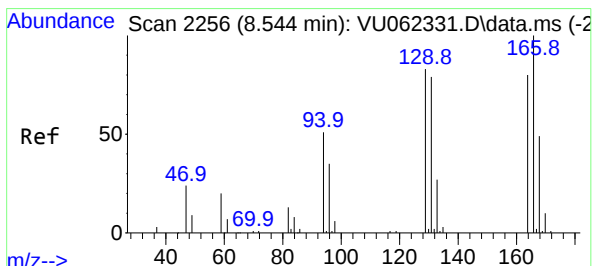
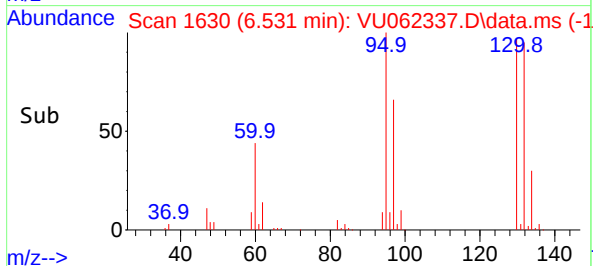
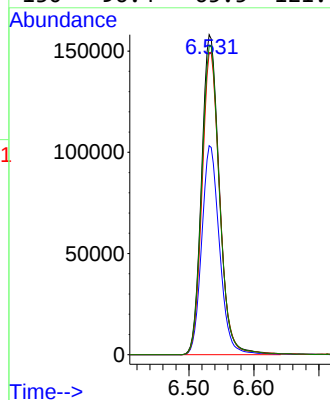
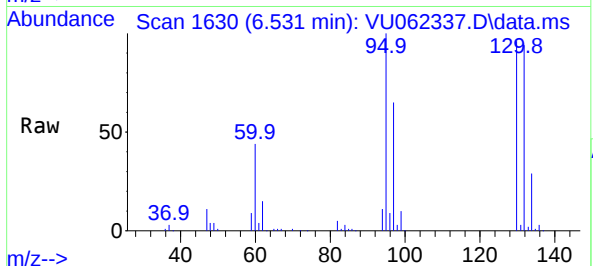




#34
Trichloroethene
Concen: 31.824 ug/L
RT: 6.531 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU062337.D
Acq: 16 Dec 2024 12:23

Instrument :
MSVOA_U
ClientSampleId :
BH8B2

Tgt Ion: 95 Resp: 303216
Ion Ratio Lower Upper
95 100
97 65.3 45.9 85.3
132 94.4 63.8 118.4
130 96.4 65.5 121.7



#47
Tetrachloroethene
Concen: 37.855 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. 0.000 min
Lab File: VU062337.D
Acq: 16 Dec 2024 12:23

Tgt Ion:164 Resp: 278480
Ion Ratio Lower Upper
164 100
129 99.6 73.2 136.0
131 96.5 72.3 134.3
166 127.0 90.2 167.4

