

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121124\
 Data File : VU062232.D
 Acq On : 11 Dec 2024 11:38
 Operator : MD/SY
 Sample : P5111-11
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 12 00:25:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 12 00:24:05 2024
 Response via : Initial Calibration

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

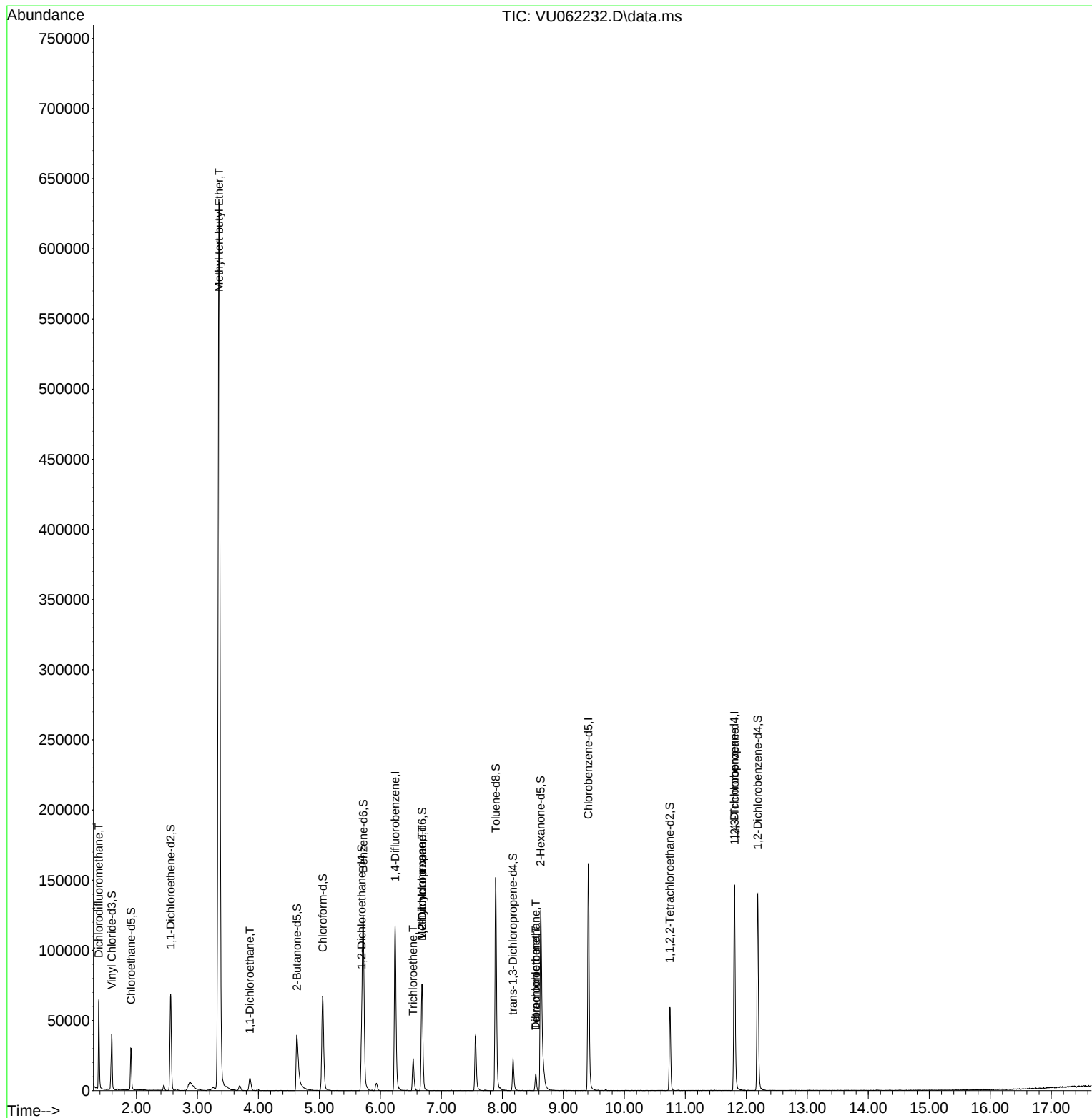
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	99417	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	93951	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	42561	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	26191	3.906	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.200%
7) Chloroethane-d5	1.911	69	22149	4.644	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.800%
11) 1,1-Dichloroethene-d2	2.560	65	13329	4.178	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.600%
20) 2-Butanone-d5	4.631	46	63684	49.554	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.100%
24) Chloroform-d	5.052	84	66878	4.608	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.200%
26) 1,2-Dichloroethane-d4	5.692	65	35678	4.999	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.000%
32) Benzene-d6	5.718	84	118720	4.387	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.800%
36) 1,2-Dichloropropane-d6	6.682	67	36657	4.735	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.600%
41) Toluene-d8	7.891	98	107958	4.223	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.400%
43) trans-1,3-Dichloroprop...	8.174	79	14512	4.258	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.200%
46) 2-Hexanone-d5	8.628	63	49178	47.832	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.660%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	29497	4.896	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	40071	5.109	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	37467	4.023	ug/L	97
17) Methyl tert-butyl Ether	3.354	73	759581	45.425	ug/L	96
19) 1,1-Dichloroethane	3.859	63	11231	0.888	ug/L	98
34) Trichloroethene	6.534	95	8094	0.981	ug/L	96
35) Methylcyclohexane	6.679	83	9062	0.741	ug/L #	22
37) 1,2-Dichloropropane	6.682	63	4184	0.590	ug/L #	87
47) Tetrachloroethene	8.550	164	2891	0.454	ug/L	96
49) Dibromochloromethane	8.550	129	2876	0.445	ug/L #	13
61) 1,2,3-Trichloropropane	11.807	75	4411	1.121	ug/L #	66

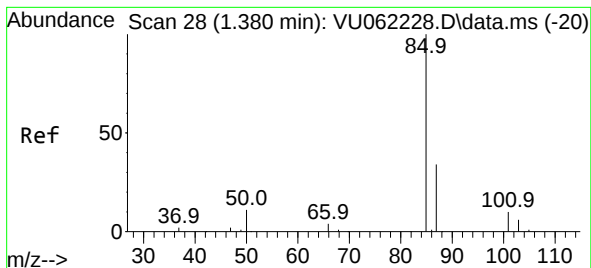
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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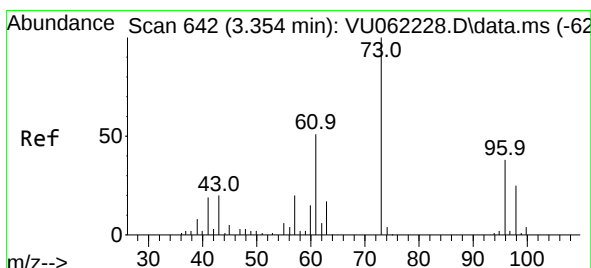
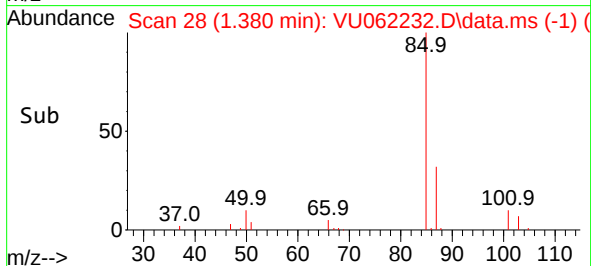
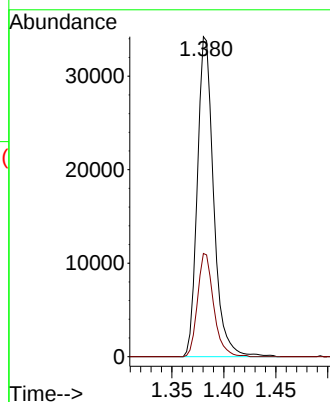
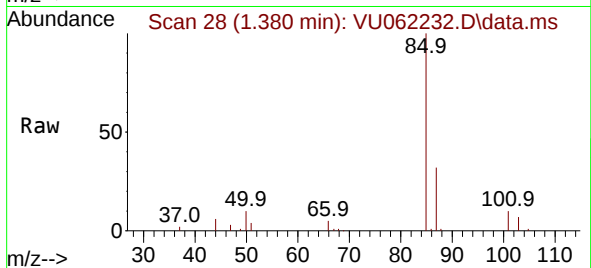




#2
 Dichlorodifluoromethane
 Concen: 4.023 ug/L
 RT: 1.380 min Scan# 28
 Delta R.T. 0.000 min
 Lab File: VU062232.D
 Acq: 11 Dec 2024 11:38

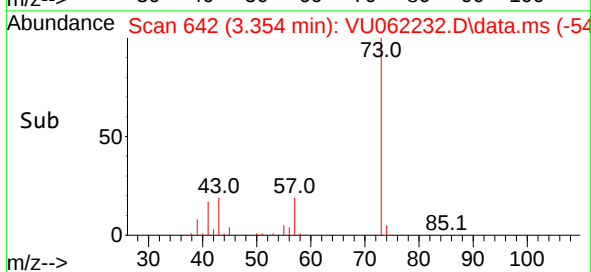
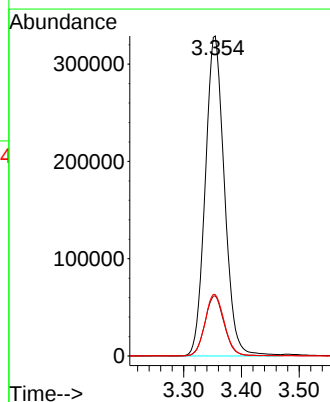
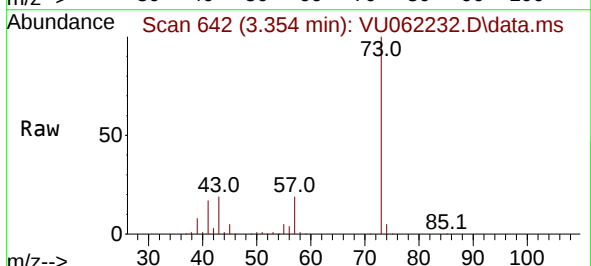
Instrument :
 MSVOA_U
 ClientSampleId :

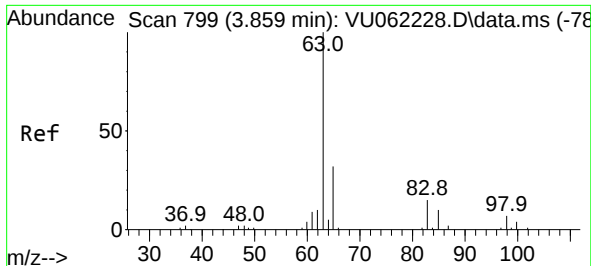
Tgt Ion: 85 Resp: 37467
 Ion Ratio Lower Upper
 85 100
 87 31.8 26.6 40.0



#17
 Methyl tert-butyl Ether
 Concen: 45.425 ug/L
 RT: 3.354 min Scan# 642
 Delta R.T. 0.000 min
 Lab File: VU062232.D
 Acq: 11 Dec 2024 11:38

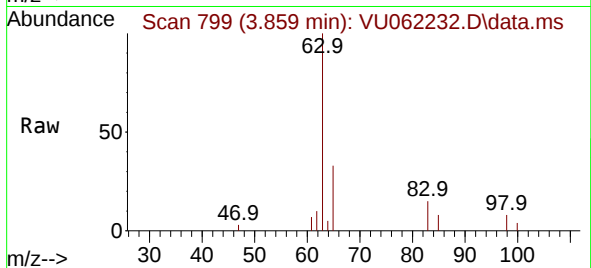
Tgt Ion: 73 Resp: 759581
 Ion Ratio Lower Upper
 73 100
 43 19.0 16.3 24.5
 57 19.5 17.1 25.7



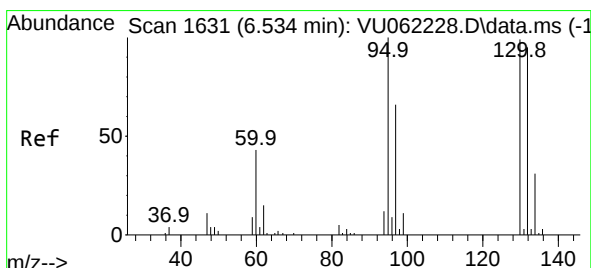
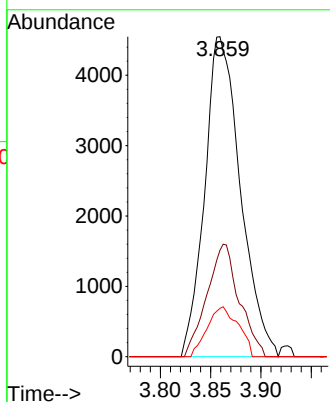
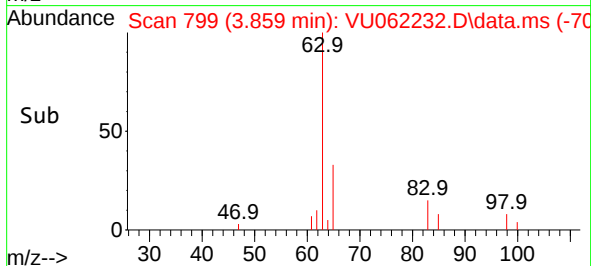


#19
1,1-Dichloroethane
Concen: 0.888 ug/L
RT: 3.859 min Scan# 799
Delta R.T. 0.000 min
Lab File: VU062232.D
Acq: 11 Dec 2024 11:38

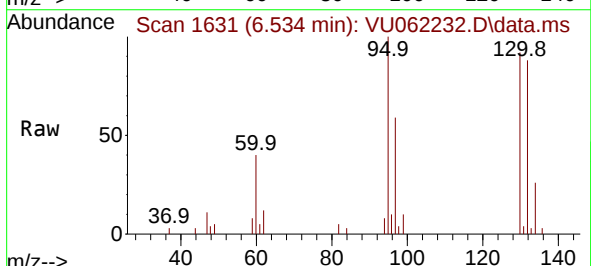
Instrument :
MSVOA_U
ClientSampleId :



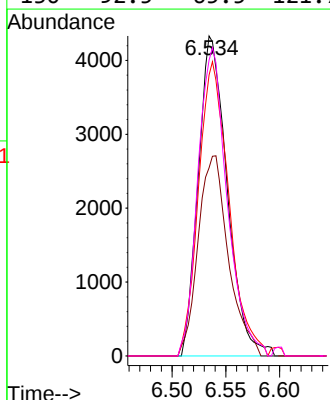
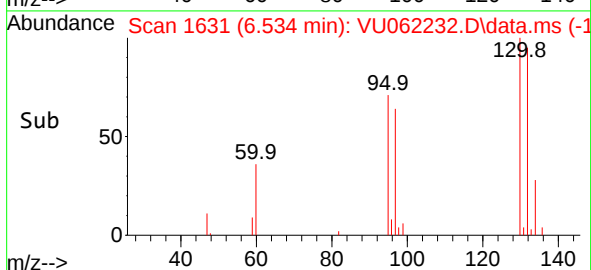
Tgt Ion:	63	Resp:	11231
Ion	Ratio	Lower	Upper
63	100		
65	33.3	22.7	42.3
83	15.1	9.9	18.3

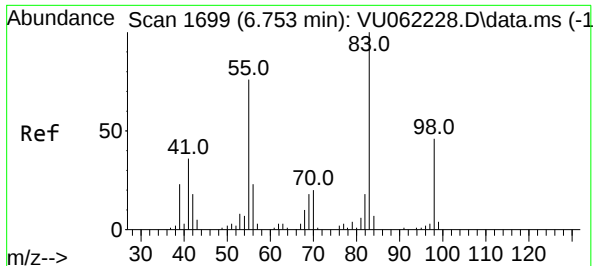


#34
Trichloroethene
Concen: 0.981 ug/L
RT: 6.534 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VU062232.D
Acq: 11 Dec 2024 11:38



Tgt Ion:	95	Resp:	8094
Ion	Ratio	Lower	Upper
95	100		
97	58.8	45.9	85.3
132	87.8	63.8	118.4
130	92.5	65.5	121.7





#35

Methylcyclohexane

Concen: 0.741 ug/L

RT: 6.679 min Scan# 1676

Delta R.T. -0.074 min

Lab File: VU062232.D

Acq: 11 Dec 2024 11:38

Instrument :

MSVOA_U

ClientSampleId :

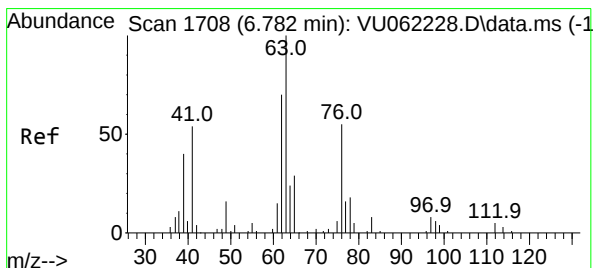
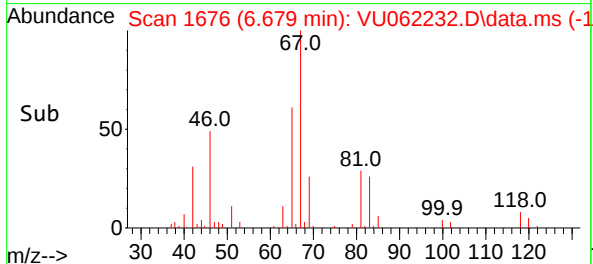
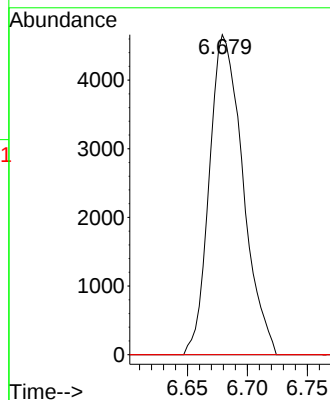
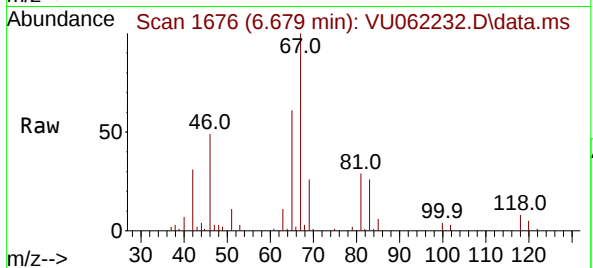
Tgt Ion: 83 Resp: 9062

Ion Ratio Lower Upper

83 100

55 0.0 60.7 91.1#

98 5.4 34.8 52.2#



#37

1,2-Dichloropropane

Concen: 0.590 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.100 min

Lab File: VU062232.D

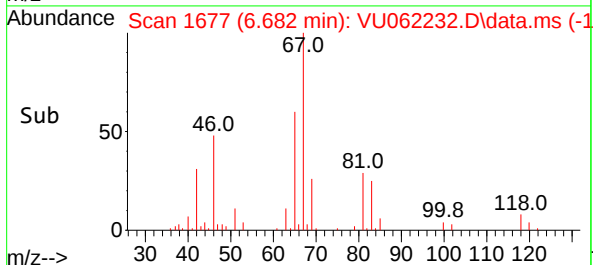
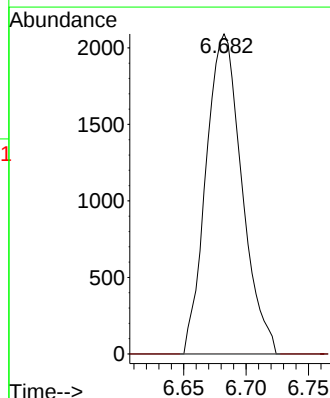
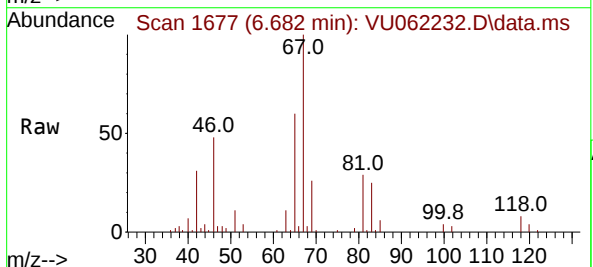
Acq: 11 Dec 2024 11:38

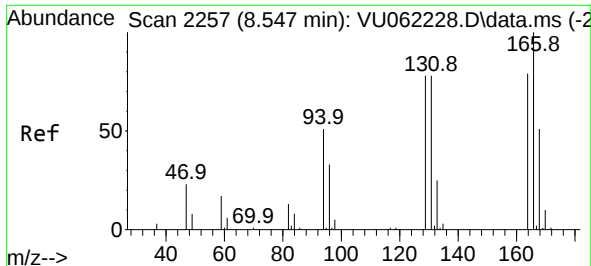
Tgt Ion: 63 Resp: 4184

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.0#

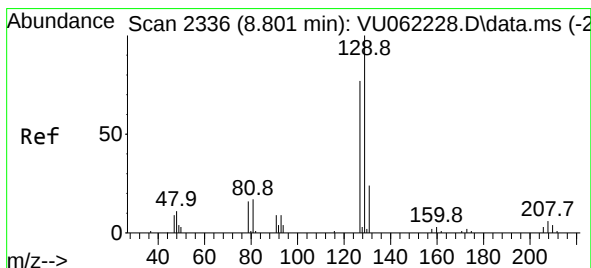
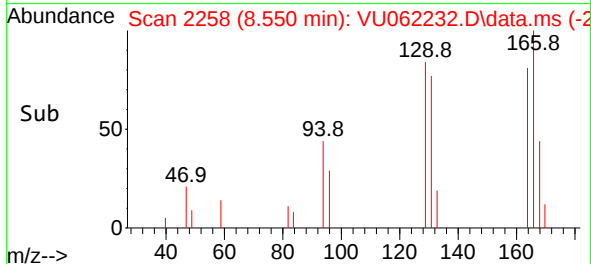
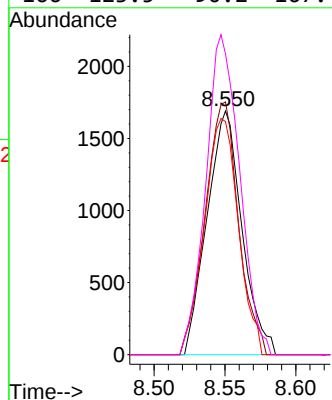
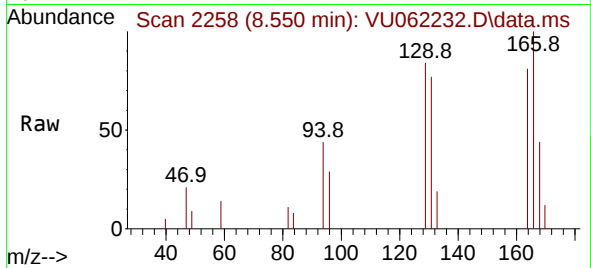




#47
Tetrachloroethene
Concen: 0.454 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. 0.003 min
Lab File: VU062232.D
Acq: 11 Dec 2024 11:38

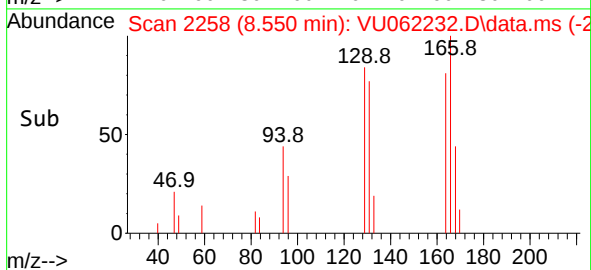
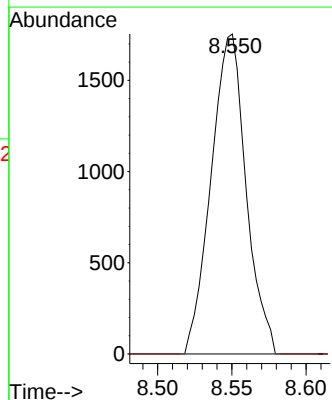
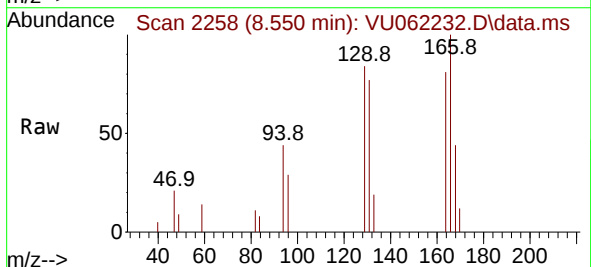
Instrument :
MSVOA_U
ClientSampleId :

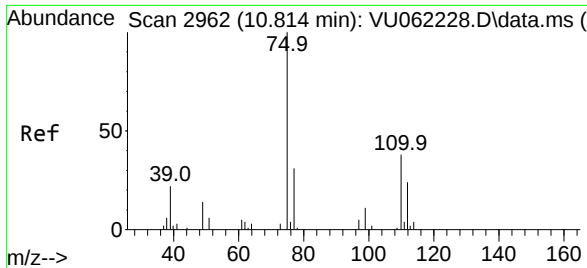
Tgt Ion:164 Resp: 2891
Ion Ratio Lower Upper
164 100
129 103.8 73.2 136.0
131 95.7 72.3 134.3
166 123.5 90.2 167.4



#49
Dibromochloromethane
Concen: 0.445 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. -0.251 min
Lab File: VU062232.D
Acq: 11 Dec 2024 11:38

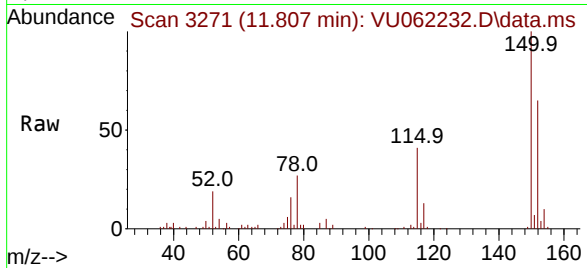
Tgt Ion:129 Resp: 2876
Ion Ratio Lower Upper
129 100
127 0.0 51.1 94.9#





#61
1,2,3-Trichloropropane
Concen: 1.121 ug/L
RT: 11.807 min Scan# 31
Delta R.T. 0.994 min
Lab File: VU062232.D
Acq: 11 Dec 2024 11:38

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 75 Resp: 4411
Ion Ratio Lower Upper
75 100
110 0.0 28.9 43.3#
77 30.7 26.5 39.7

