

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU103124\
 Data File : VU061333.D
 Acq On : 01 Nov 2024 01:03
 Operator : MD/SY
 Sample : P4631-05
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 01 01:51:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 01 00:44:02 2024
 Response via : Initial Calibration

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

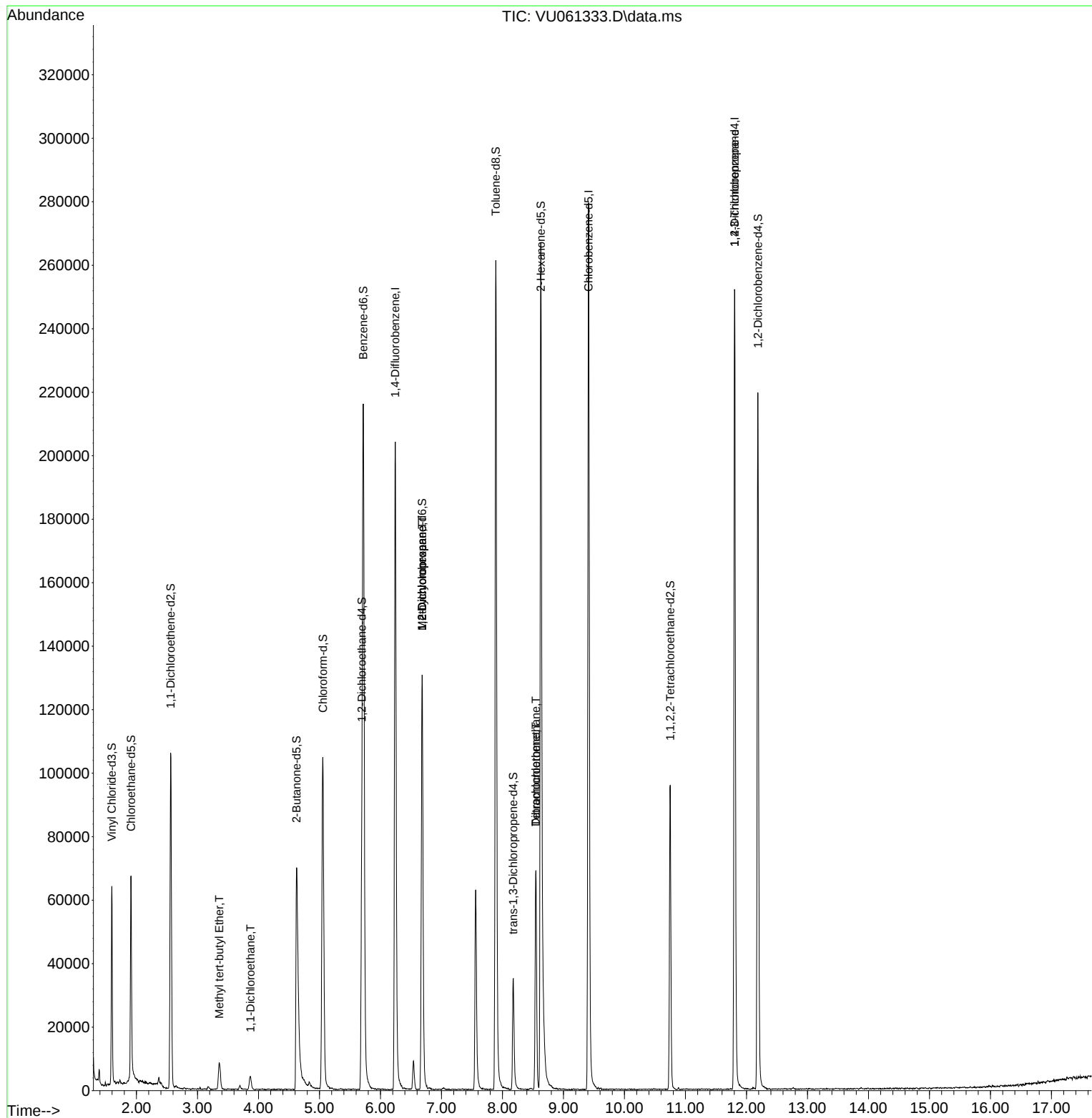
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	175604	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	162050	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	69277	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	42840	3.591	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.800%
7) Chloroethane-d5	1.911	69	46131	4.218	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.400%
11) 1,1-Dichloroethene-d2	2.560	65	20411	3.999	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.000%
20) 2-Butanone-d5	4.624	46	112712	46.539	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.080%
24) Chloroform-d	5.055	84	101351	4.476	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.600%
26) 1,2-Dichloroethane-d4	5.695	65	52891	4.686	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.800%
32) Benzene-d6	5.718	84	209498	4.588	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.800%
36) 1,2-Dichloropropane-d6	6.682	67	65071	4.740	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.800%
41) Toluene-d8	7.891	98	186959	4.379	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.600%
43) trans-1,3-Dichloroprop...	8.174	79	22472	4.010	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.200%
46) 2-Hexanone-d5	8.627	63	102354	44.597	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.200%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	48389	4.661	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	59953	4.887	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.800%
Target Compounds						
					Qvalue	
17) Methyl tert-butyl Ether	3.358	73	10711	0.381	ug/L	98
19) 1,1-Dichloroethane	3.869	63	5481	0.253	ug/L	90
35) Methylcyclohexane	6.682	83	15112	0.696	ug/L #	22
37) 1,2-Dichloropropane	6.682	63	7082	0.557	ug/L #	89
47) Tetrachloroethene	8.547	164	15560	1.634	ug/L	94
49) Dibromochloromethane	8.547	129	15461	1.491	ug/L #	12
61) 1,2,3-Trichloropropane	11.807	75	8692	1.260	ug/L #	66

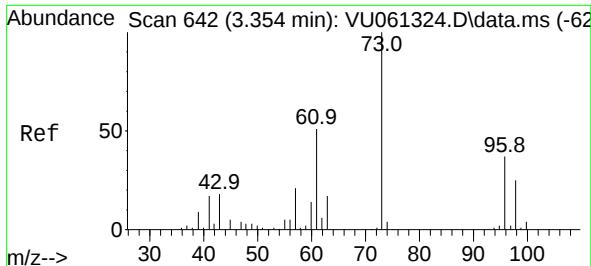
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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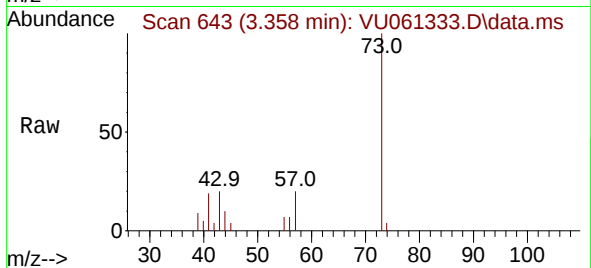
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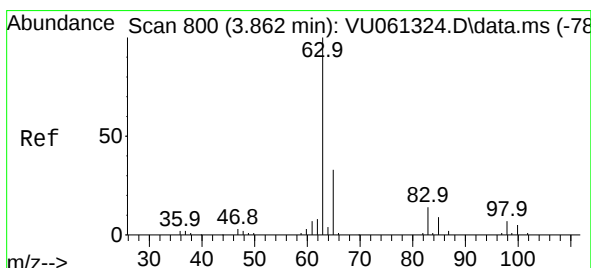
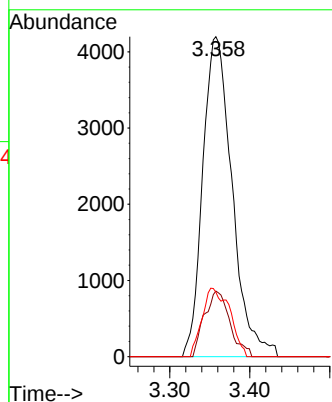
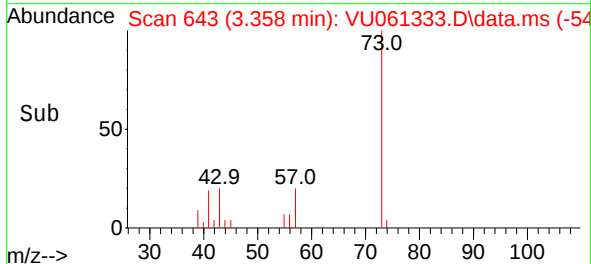


#17
Methyl tert-butyl Ether
Concen: 0.381 ug/L
RT: 3.358 min Scan# 642
Delta R.T. 0.003 min
Lab File: VU061333.D
Acq: 01 Nov 2024 01:03

Instrument :
MSVOA_U
ClientSampleId :

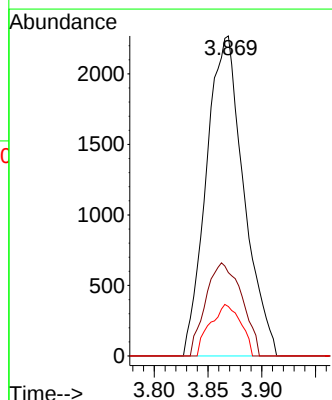
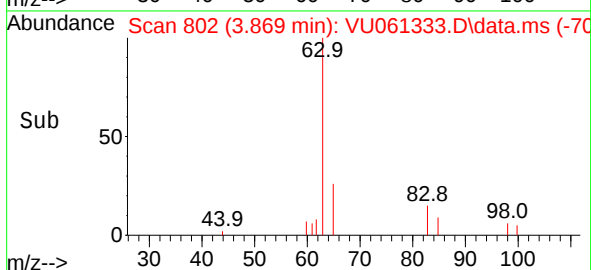
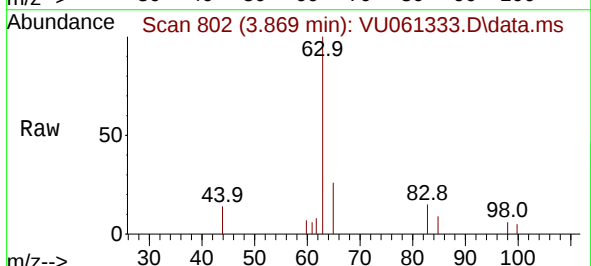


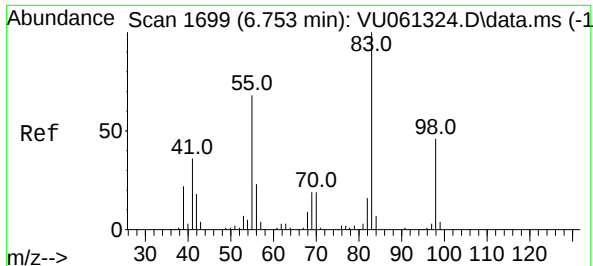
Tgt Ion: 73 Resp: 10711
Ion Ratio Lower Upper
73 100
43 17.8 15.0 22.4
57 20.1 17.0 25.6



#19
1,1-Dichloroethane
Concen: 0.253 ug/L
RT: 3.869 min Scan# 802
Delta R.T. 0.006 min
Lab File: VU061333.D
Acq: 01 Nov 2024 01:03

Tgt Ion: 63 Resp: 5481
Ion Ratio Lower Upper
63 100
65 26.0 23.0 42.6
83 15.5 9.7 17.9

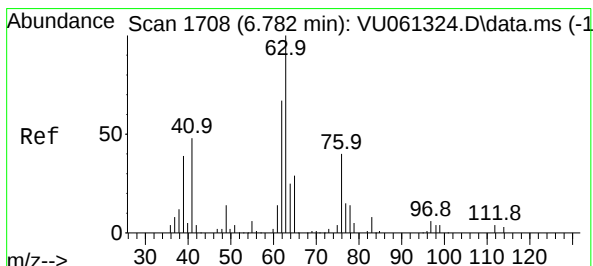
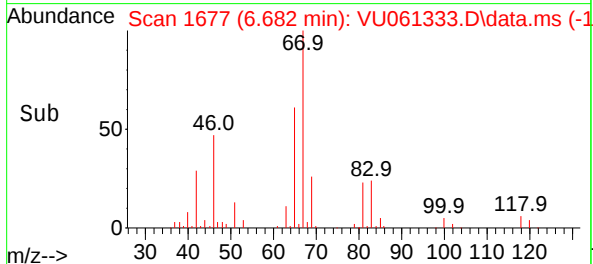
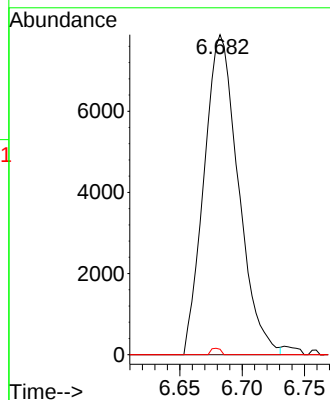
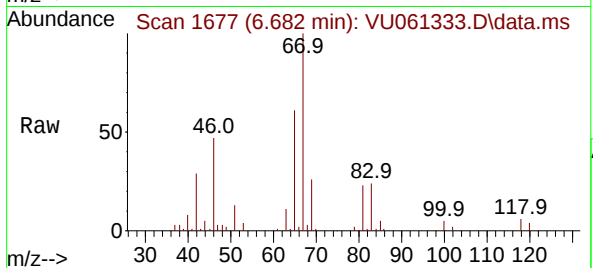




#35
Methylcyclohexane
Concen: 0.696 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.071 min
Lab File: VU061333.D
Acq: 01 Nov 2024 01:03

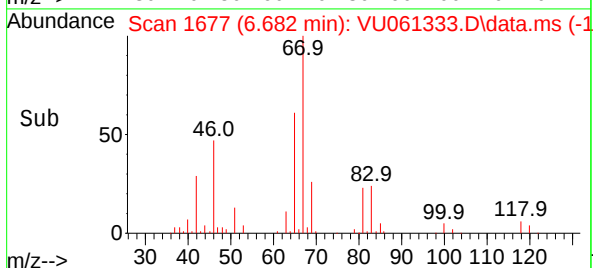
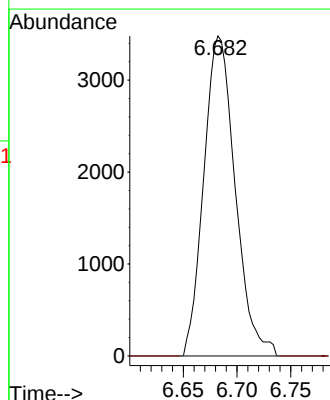
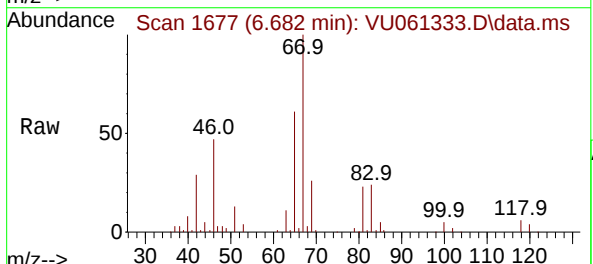
Instrument :
MSVOA_U
ClientSampleId :

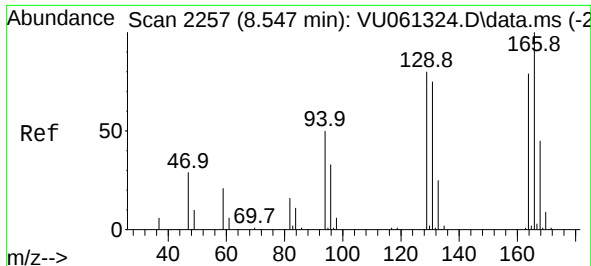
Tgt Ion: 83 Resp: 15112
Ion Ratio Lower Upper
83 100
55 0.0 55.9 83.9#
98 0.5 35.9 53.9#



#37
1,2-Dichloropropane
Concen: 0.557 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.100 min
Lab File: VU061333.D
Acq: 01 Nov 2024 01:03

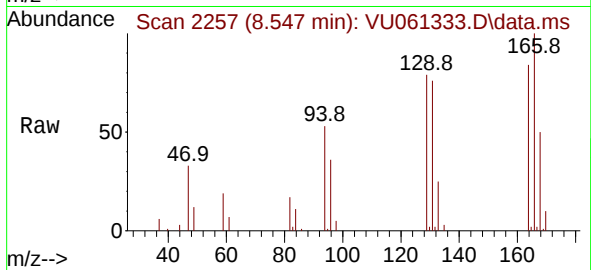
Tgt Ion: 63 Resp: 7082
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.4#



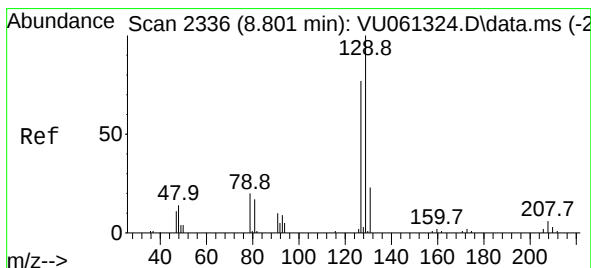
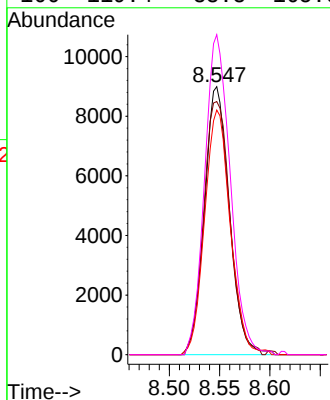
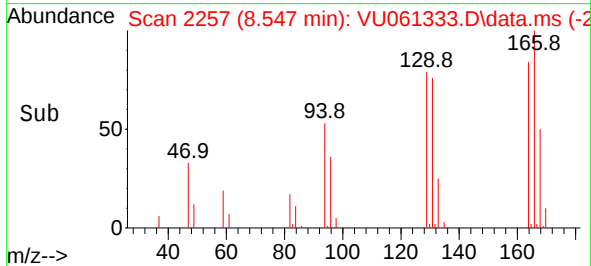


#47
Tetrachloroethene
Concen: 1.634 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU061333.D
Acq: 01 Nov 2024 01:03

Instrument :
MSVOA_U
ClientSampleId :

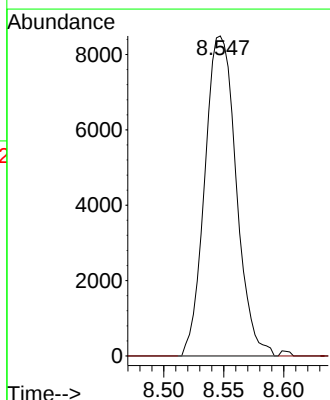
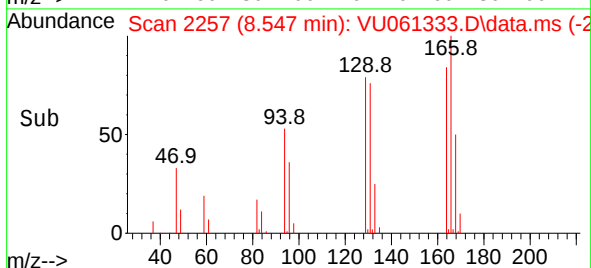
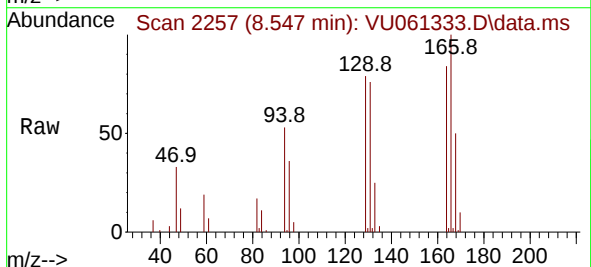


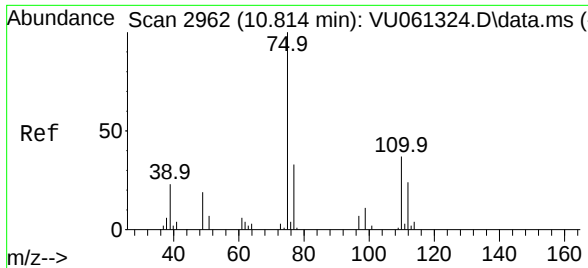
Tgt Ion:164 Resp: 15560
Ion Ratio Lower Upper
164 100
129 94.5 69.9 129.7
131 91.3 68.3 126.8
166 119.4 88.8 165.0



#49
Dibromochloromethane
Concen: 1.491 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.254 min
Lab File: VU061333.D
Acq: 01 Nov 2024 01:03

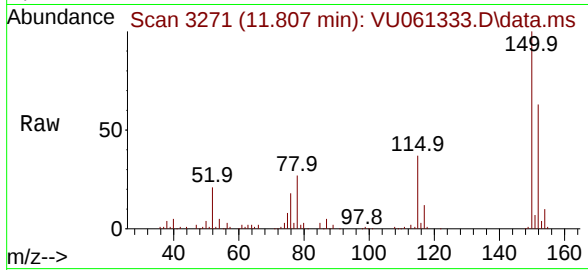
Tgt Ion:129 Resp: 15461
Ion Ratio Lower Upper
129 100
127 0.0 51.8 96.2#





#61
1,2,3-Trichloropropane
Concen: 1.260 ug/L
RT: 11.807 min Scan# 31
Delta R.T. 0.994 min
Lab File: VU061333.D
Acq: 01 Nov 2024 01:03

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 75 Resp: 8692
Ion Ratio Lower Upper
75 100
110 1.7 28.8 43.2#
77 35.7 25.7 38.5

