

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120924\
 Data File : VU062200.D
 Acq On : 10 Dec 2024 09:20
 Operator : MD/SY
 Sample : P5111-10
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 10 15:36:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 10 00:32:19 2024
 Response via : Initial Calibration

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

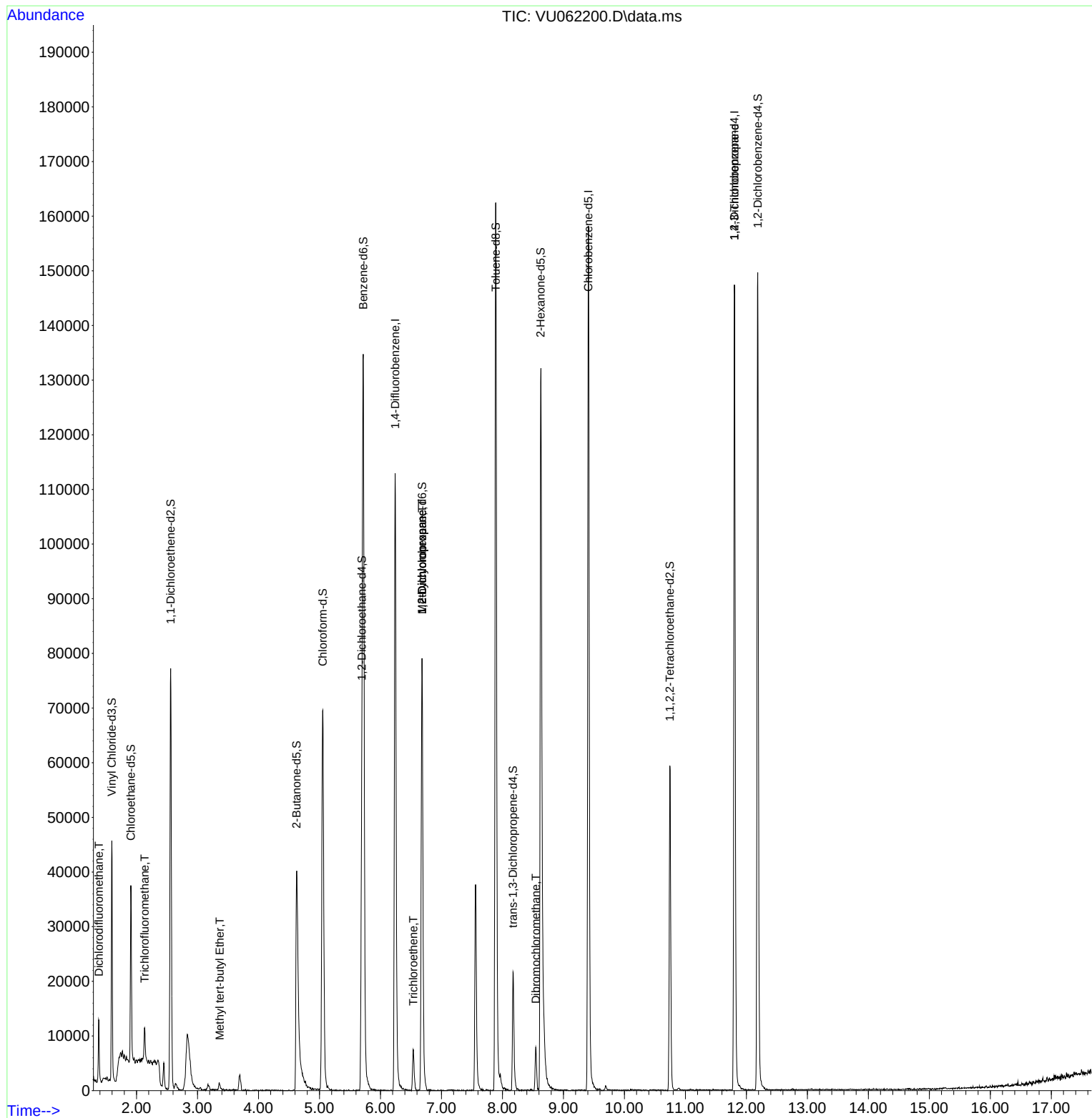
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	96977	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	92698	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	42867	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	30720	4.696	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.000%
7) Chloroethane-d5	1.907	69	23455	5.041	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.800%
11) 1,1-Dichloroethene-d2	2.560	65	15049	4.836	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.800%
20) 2-Butanone-d5	4.624	46	63850	50.933	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.860%
24) Chloroform-d	5.052	84	69111	4.882	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.600%
26) 1,2-Dichloroethane-d4	5.695	65	37625	5.405	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.000%
32) Benzene-d6	5.718	84	130409	4.885	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.600%
36) 1,2-Dichloropropane-d6	6.682	67	38078	4.985	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.600%
41) Toluene-d8	7.891	98	116442	4.617	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.400%
43) trans-1,3-Dichloroprop...	8.174	79	13726	4.082	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.600%
46) 2-Hexanone-d5	8.627	63	49918	49.208	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.420%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	29169	4.907	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	42187	5.341	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	6501	0.716	ug/L	99
9) Trichlorofluoromethane	2.133	101	4394	0.341	ug/L	93
17) Methyl tert-butyl Ether	3.364	73	1646	0.101	ug/L #	88
34) Trichloroethene	6.541	95	2815	0.346	ug/L	91
35) Methylcyclohexane	6.682	83	9724	0.806	ug/L #	19
37) 1,2-Dichloropropane	6.682	63	4284	0.612	ug/L #	87
49) Dibromochloromethane	8.550	129	1872	0.293	ug/L #	13
61) 1,2,3-Trichloropropane	11.804	75	4426	1.117	ug/L #	66

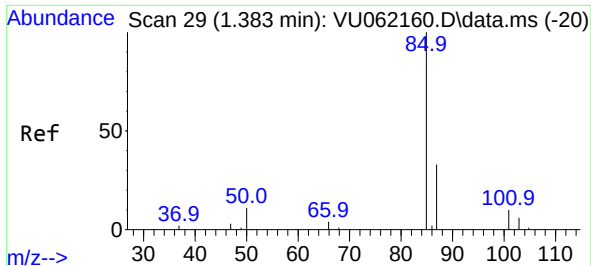
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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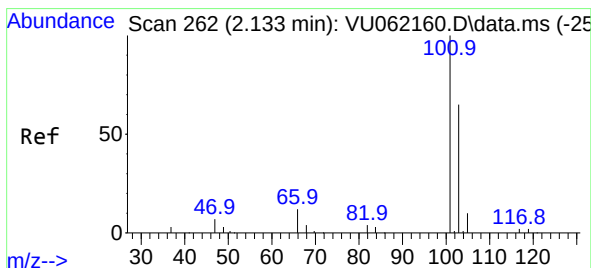
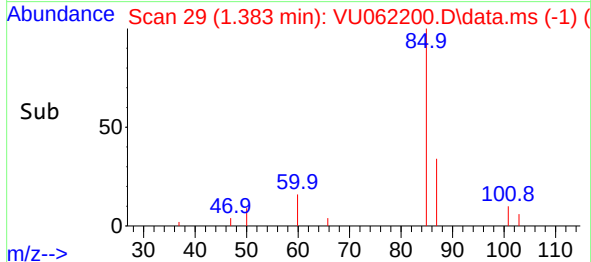
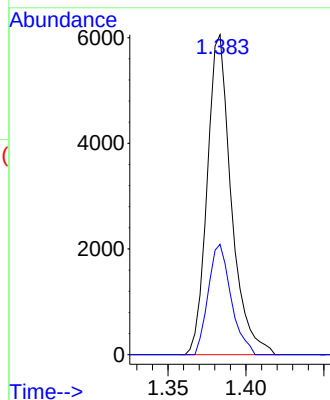
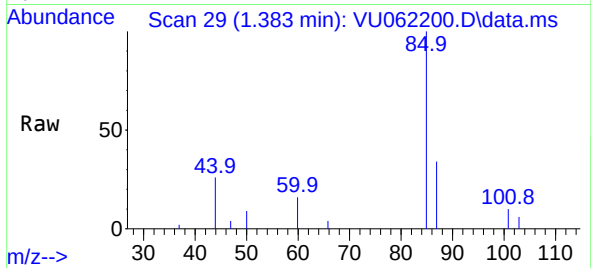




#2
Dichlorodifluoromethane
Concen: 0.716 ug/L
RT: 1.383 min Scan# 29
Delta R.T. -0.000 min
Lab File: VU062200.D
Acq: 10 Dec 2024 09:20

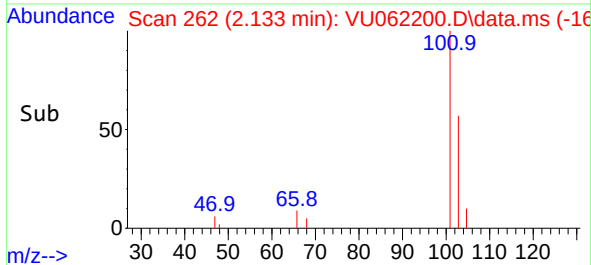
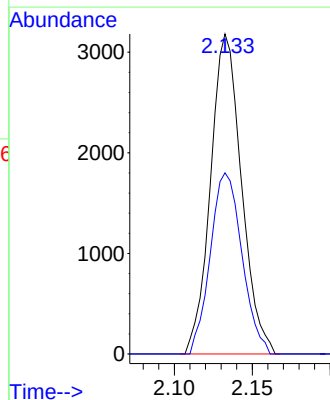
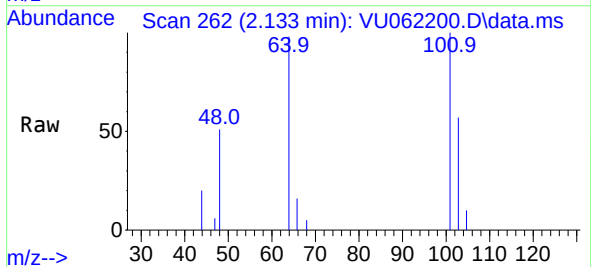
Instrument :
MSVOA_U
ClientSampleId :

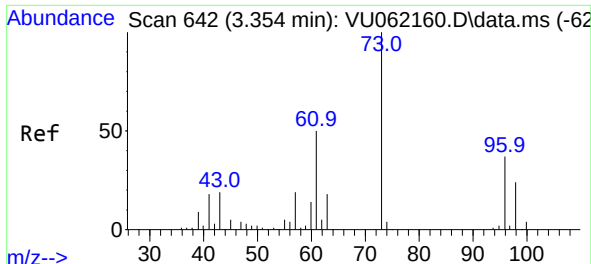
Tgt Ion: 85 Resp: 6501
Ion Ratio Lower Upper
85 100
87 32.6 26.6 40.0



#9
Trichlorofluoromethane
Concen: 0.341 ug/L
RT: 2.133 min Scan# 262
Delta R.T. -0.000 min
Lab File: VU062200.D
Acq: 10 Dec 2024 09:20

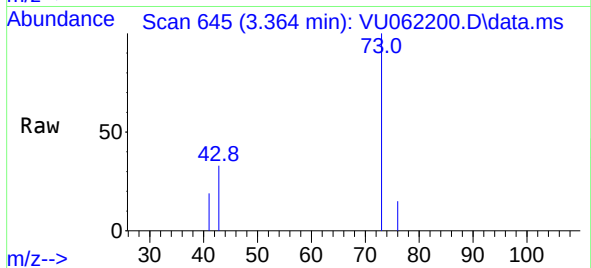
Tgt Ion:101 Resp: 4394
Ion Ratio Lower Upper
101 100
103 57.9 50.6 75.8



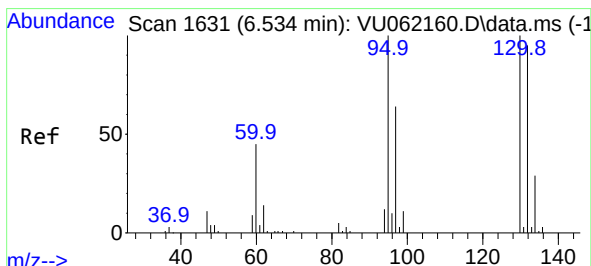
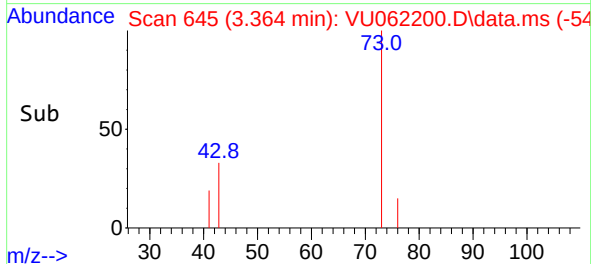
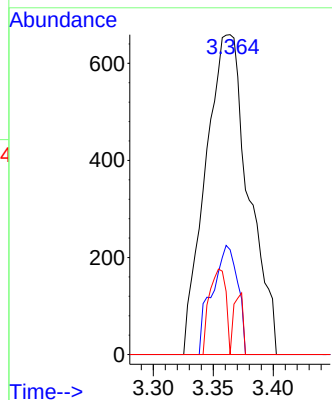


#17
Methyl tert-butyl Ether
Concen: 0.101 ug/L
RT: 3.364 min Scan# 64
Delta R.T. 0.010 min
Lab File: VU062200.D
Acq: 10 Dec 2024 09:20

Instrument :
MSVOA_U
ClientSampleId :

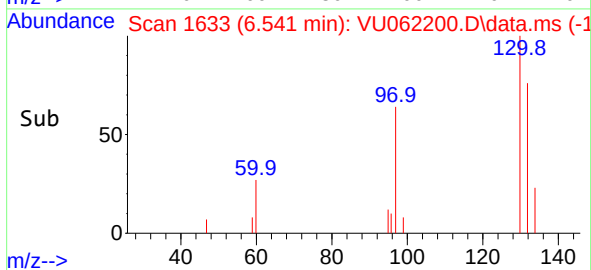
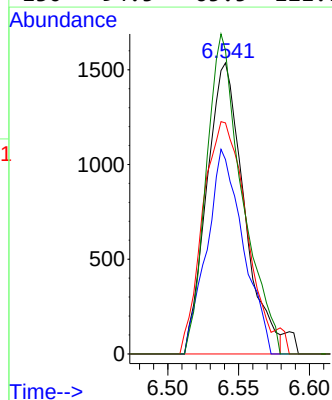
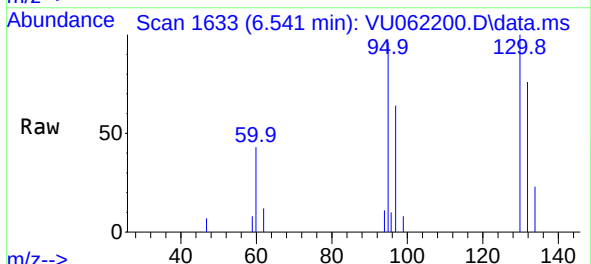


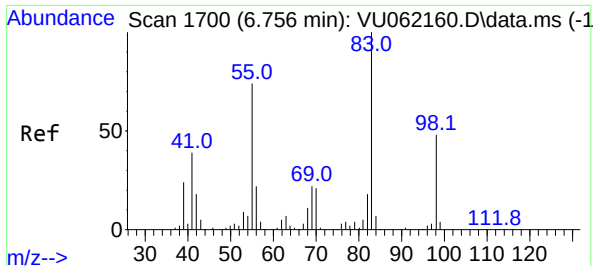
Tgt Ion: 73 Resp: 1646
Ion Ratio Lower Upper
73 100
43 20.3 16.3 24.5
57 10.3 17.1 25.7#



#34
Trichloroethene
Concen: 0.346 ug/L
RT: 6.541 min Scan# 1633
Delta R.T. 0.006 min
Lab File: VU062200.D
Acq: 10 Dec 2024 09:20

Tgt Ion: 95 Resp: 2815
Ion Ratio Lower Upper
95 100
97 60.5 45.9 85.3
132 71.9 63.8 118.4
130 94.5 65.5 121.7

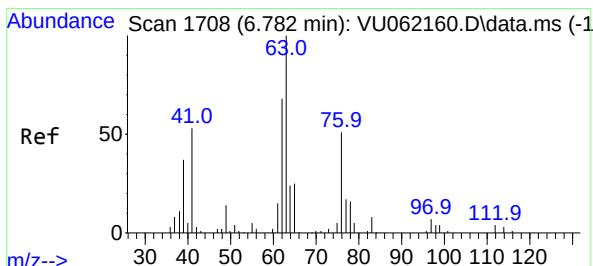
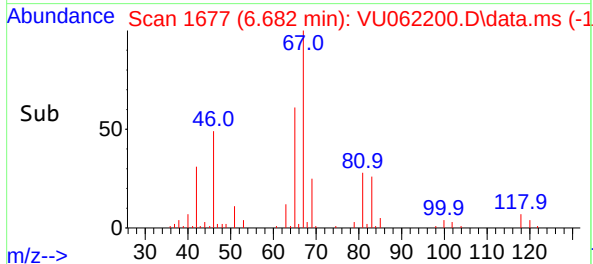
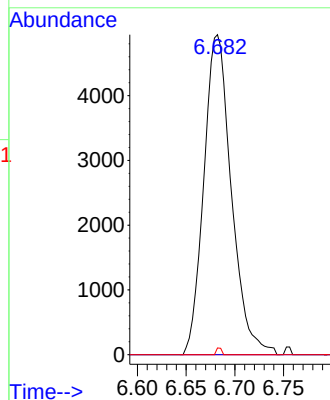
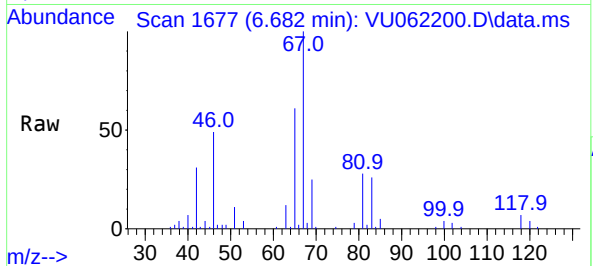




#35
Methylcyclohexane
Concen: 0.806 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.074 min
Lab File: VU062200.D
Acq: 10 Dec 2024 09:20

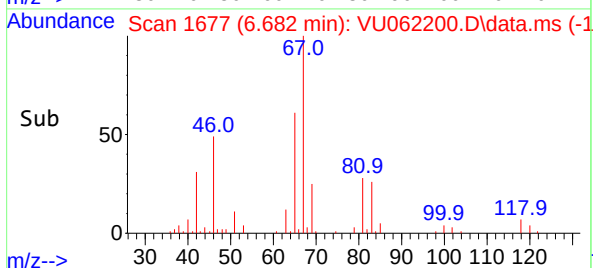
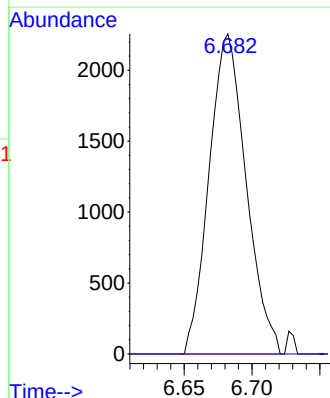
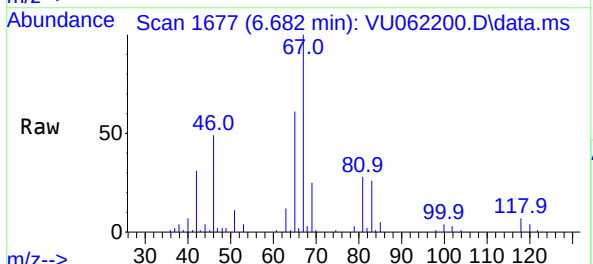
Instrument :
MSVOA_U
ClientSampleId :

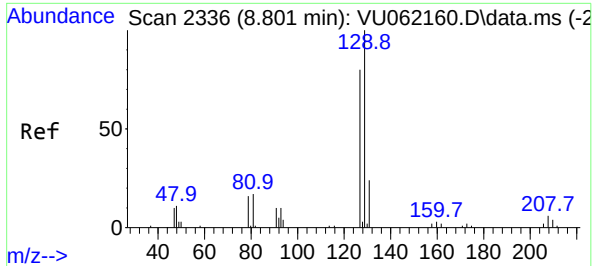
Tgt Ion: 83 Resp: 9724
Ion Ratio Lower Upper
83 100
55 0.0 60.7 91.1#
98 0.4 34.8 52.2#



#37
1,2-Dichloropropane
Concen: 0.612 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.100 min
Lab File: VU062200.D
Acq: 10 Dec 2024 09:20

Tgt Ion: 63 Resp: 4284
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#

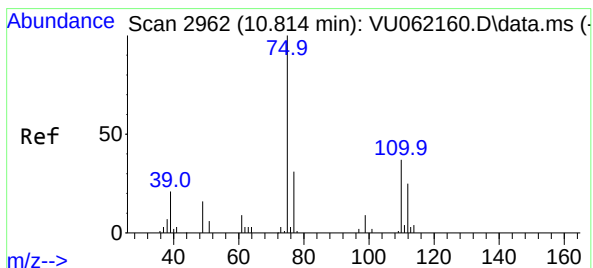
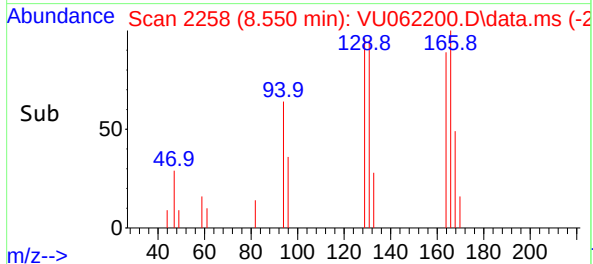
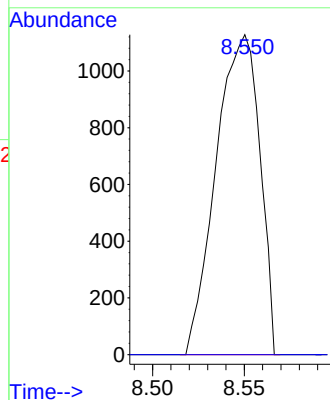
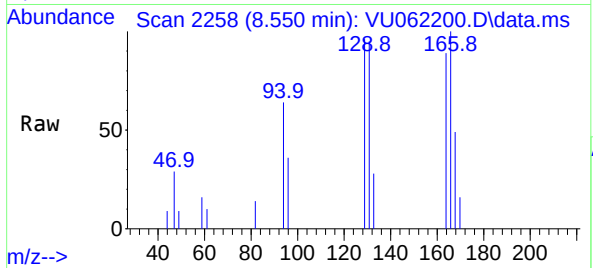




#49
Dibromochloromethane
Concen: 0.293 ug/L
RT: 8.550 min Scan# 21
Delta R.T. -0.251 min
Lab File: VU062200.D
Acq: 10 Dec 2024 09:20

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:129 Resp: 1872
Ion Ratio Lower Upper
129 100
127 0.0 51.1 94.9#



#61
1,2,3-Trichloropropane
Concen: 1.117 ug/L
RT: 11.804 min Scan# 3270
Delta R.T. 0.990 min
Lab File: VU062200.D
Acq: 10 Dec 2024 09:20

Tgt Ion: 75 Resp: 4426
Ion Ratio Lower Upper
75 100
110 0.0 28.9 43.3#
77 36.1 26.5 39.7

