

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121324\
 Data File : VU062313.D
 Acq On : 13 Dec 2024 15:22
 Operator : MD/SY
 Sample : P5269-01
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 14 03:50:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Dec 14 03:45:56 2024
 Response via : Initial Calibration

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

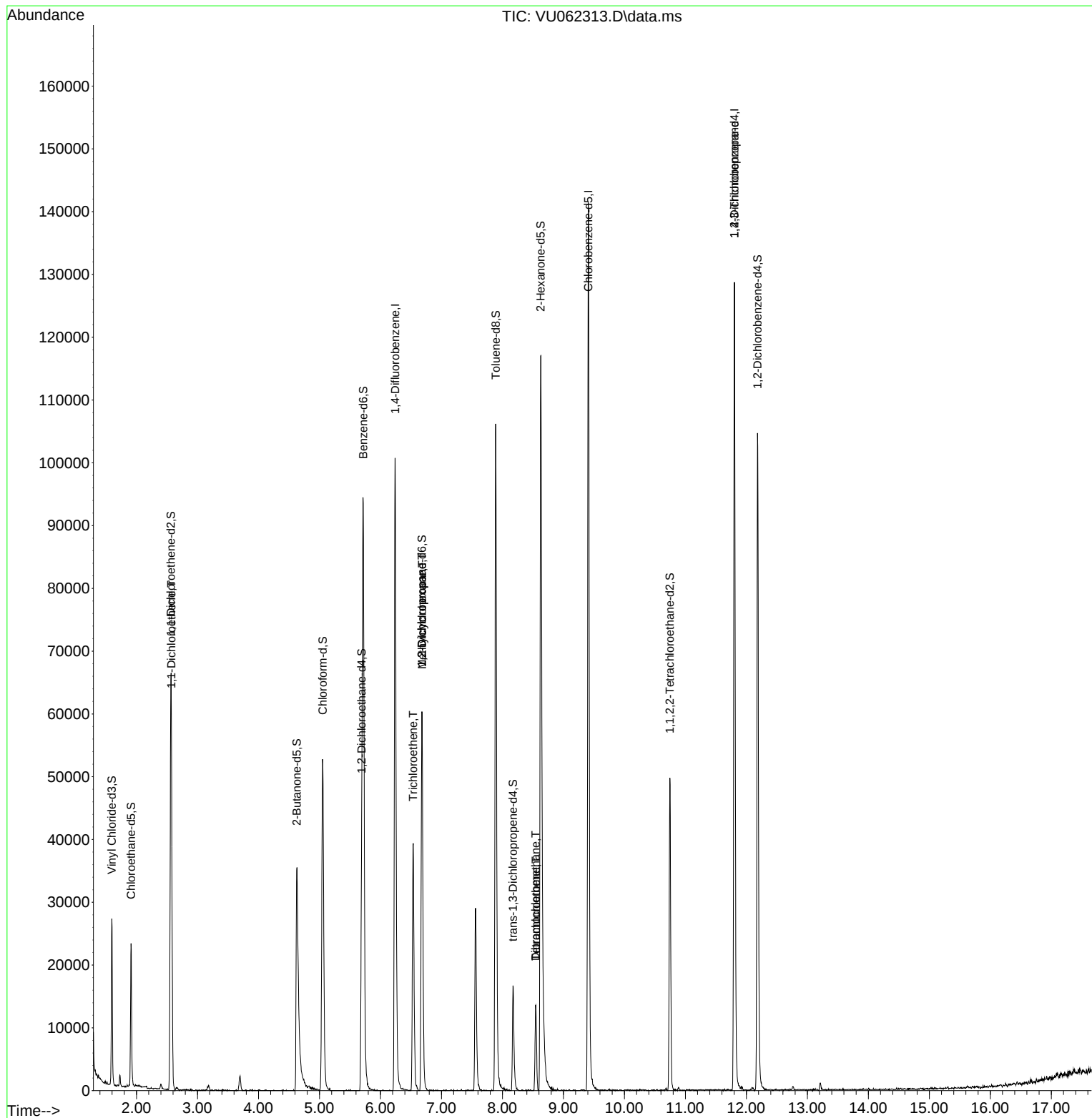
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	86886	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	83392	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	37581	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	18170	3.100	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	62.000%
7) Chloroethane-d5	1.911	69	16144	3.873	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.400%
11) 1,1-Dichloroethene-d2	2.563	65	9268	3.324	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.400%
20) 2-Butanone-d5	4.628	46	57399	51.105	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.200%
24) Chloroform-d	5.052	84	52172	4.113	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.200%
26) 1,2-Dichloroethane-d4	5.692	65	29370	4.709	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.200%
32) Benzene-d6	5.718	84	90334	3.761	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	75.200%
36) 1,2-Dichloropropane-d6	6.679	67	28080	4.086	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	81.800%
41) Toluene-d8	7.891	98	77378	3.410	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	68.200%#
43) trans-1,3-Dichloroprop...	8.174	79	11124	3.677	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.600%
46) 2-Hexanone-d5	8.627	63	45112	49.433	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.860%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	24797	4.637	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.800%
66) 1,2-Dichlorobenzene-d4	12.184	152	30309	4.377	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.600%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.573	96	10685	1.821	ug/L #	62
34) Trichloroethene	6.534	95	13641	1.863	ug/L	86
35) Methylcyclohexane	6.682	83	7219	0.665	ug/L #	20
37) 1,2-Dichloropropane	6.679	63	3318	0.527	ug/L #	87
47) Tetrachloroethene	8.547	164	3322	0.588	ug/L	92
49) Dibromochloromethane	8.544	129	3162	0.551	ug/L #	13
61) 1,2,3-Trichloropropane	11.804	75	3785	1.089	ug/L #	65

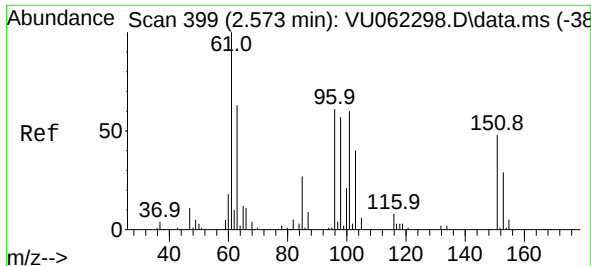
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Dec 14 03:45:56 2024
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 1.821 ug/L

RT: 2.573 min Scan# 399

Delta R.T. 0.000 min

Lab File: VU062313.D

Acq: 13 Dec 2024 15:22

Instrument :

MSVOA_U

ClientSampleId :

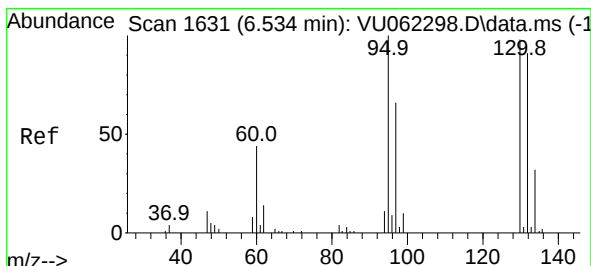
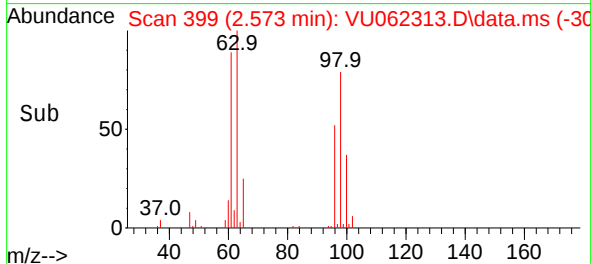
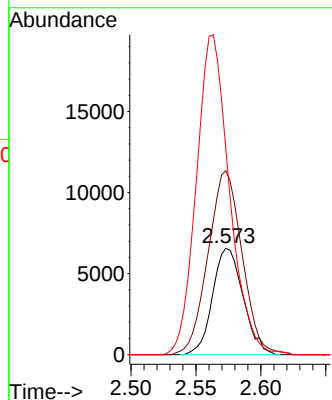
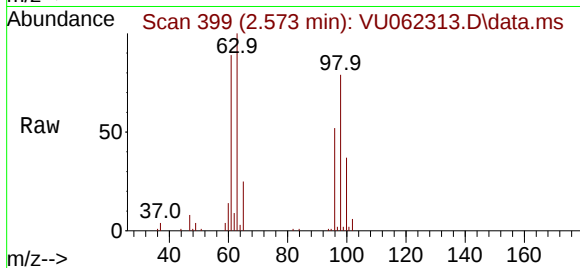
Tgt Ion: 96 Resp: 10685

Ion Ratio Lower Upper

96 100

61 172.8 119.6 222.2

63 193.3 65.0 120.6#



#34

Trichloroethene

Concen: 1.863 ug/L

RT: 6.534 min Scan# 1631

Delta R.T. 0.000 min

Lab File: VU062313.D

Acq: 13 Dec 2024 15:22

Tgt Ion: 95 Resp: 13641

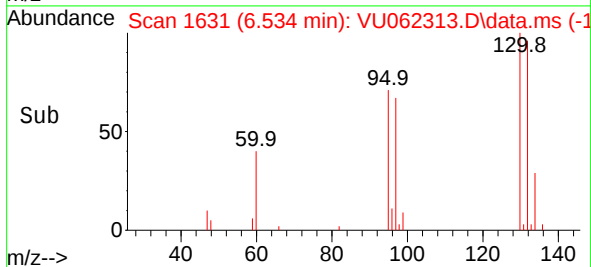
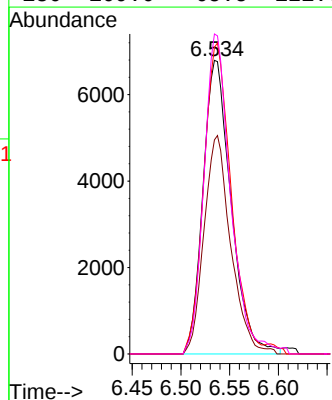
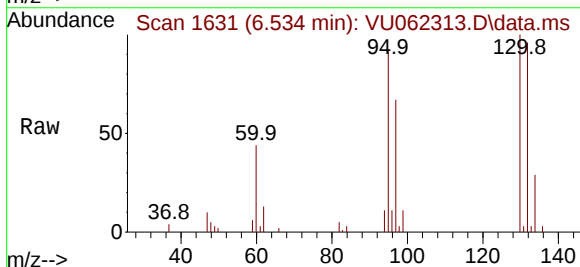
Ion Ratio Lower Upper

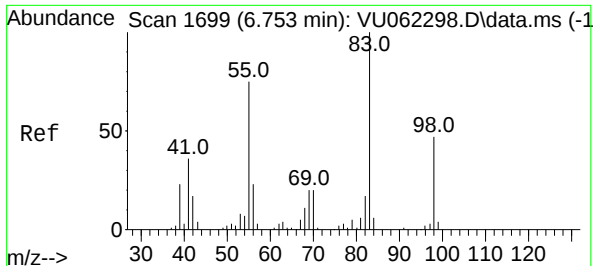
95 100

97 73.0 45.9 85.3

132 104.4 63.8 118.4

130 109.0 65.5 121.7





#35

Methylcyclohexane

Concen: 0.665 ug/L

RT: 6.682 min Scan# 1

Delta R.T. -0.071 min

Lab File: VU062313.D

Acq: 13 Dec 2024 15:22

Instrument :

MSVOA_U

ClientSampleId :

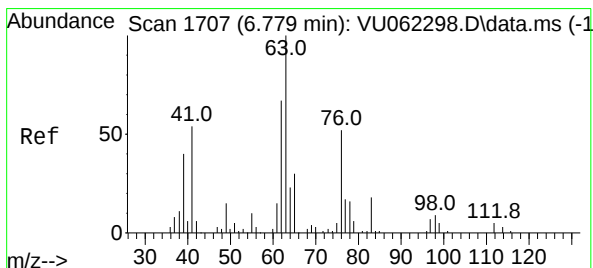
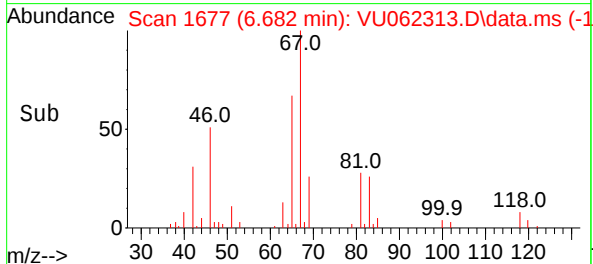
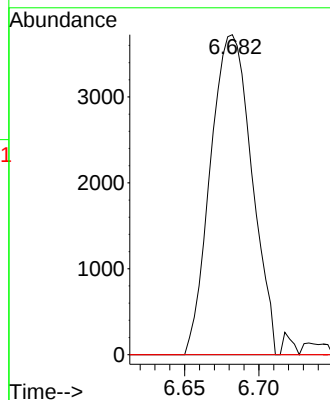
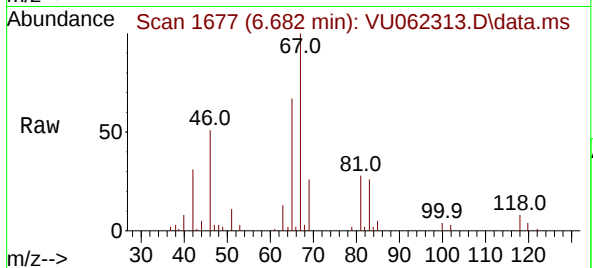
Tgt Ion: 83 Resp: 7219

Ion Ratio Lower Upper

83 100

55 0.0 60.7 91.1#

98 1.0 34.8 52.2#



#37

1,2-Dichloropropane

Concen: 0.527 ug/L

RT: 6.679 min Scan# 1676

Delta R.T. -0.100 min

Lab File: VU062313.D

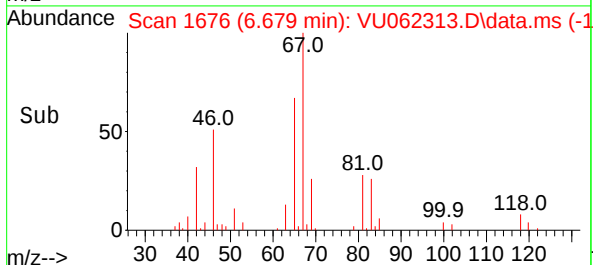
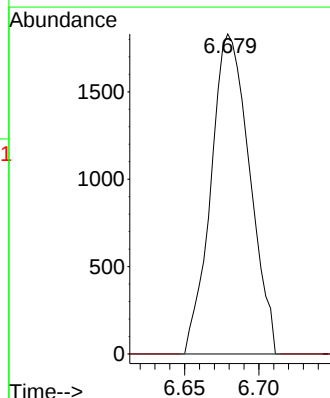
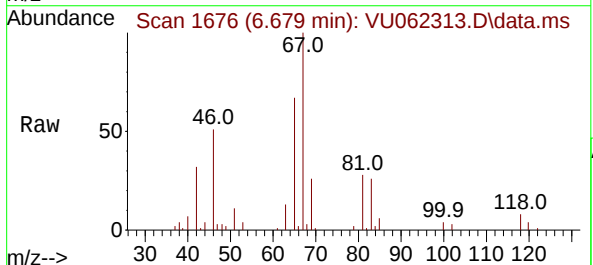
Acq: 13 Dec 2024 15:22

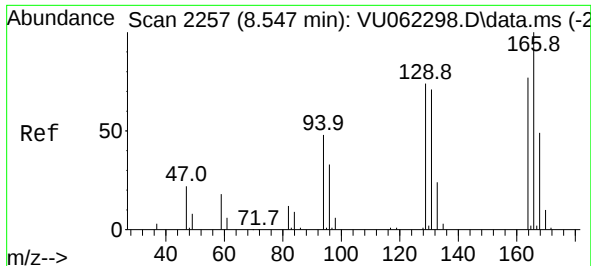
Tgt Ion: 63 Resp: 3318

Ion Ratio Lower Upper

63 100

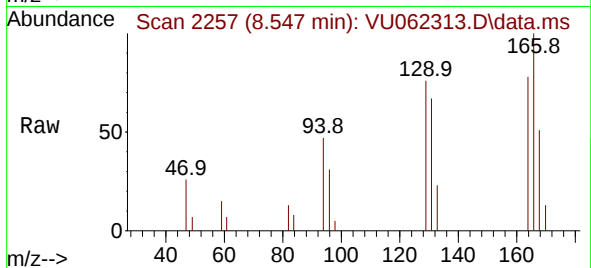
112 0.0 3.4 5.0#



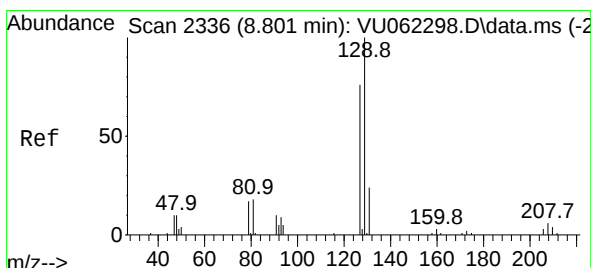
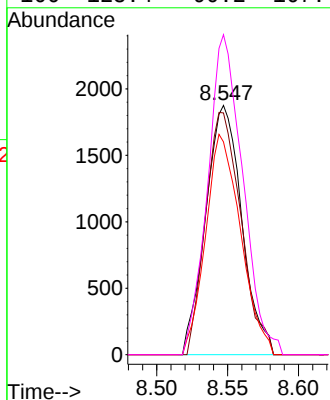
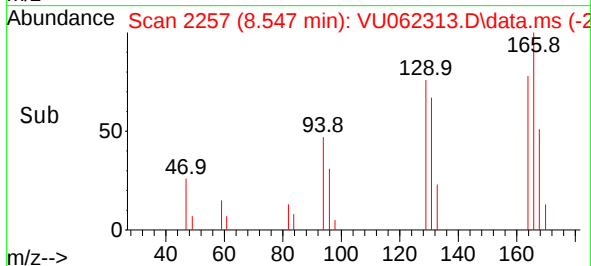


#47
Tetrachloroethene
Concen: 0.588 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU062313.D
Acq: 13 Dec 2024 15:22

Instrument :
MSVOA_U
ClientSampleId :

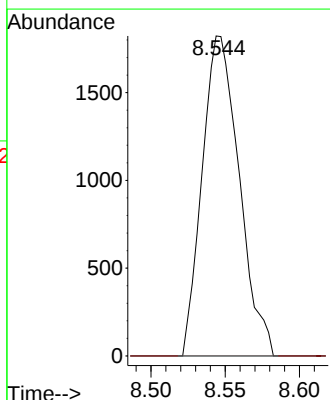
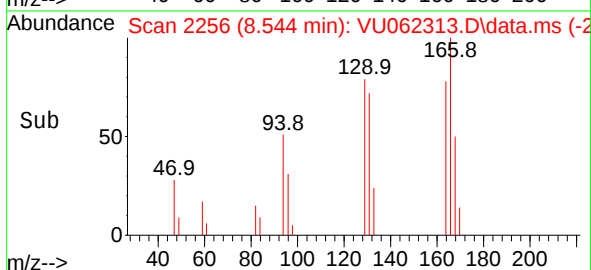
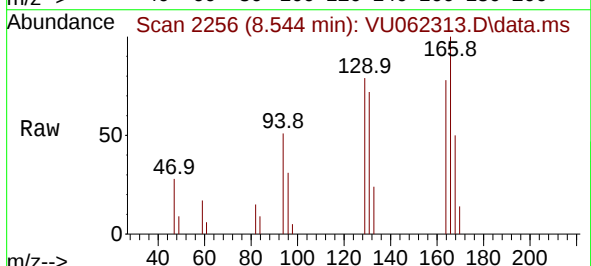


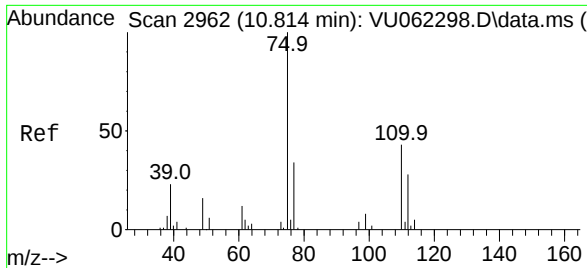
Tgt Ion:	164	Resp:	3322
Ion Ratio	Lower	Upper	
164	100		
129	97.0	73.2	136.0
131	85.4	72.3	134.3
166	128.4	90.2	167.4



#49
Dibromochloromethane
Concen: 0.551 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. -0.257 min
Lab File: VU062313.D
Acq: 13 Dec 2024 15:22

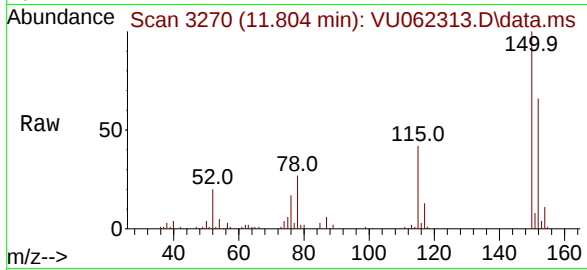
Tgt Ion:	129	Resp:	3162
Ion Ratio	Lower	Upper	
129	100		
127	0.0	51.1	94.9#





#61
 1,2,3-Trichloropropane
 Concen: 1.089 ug/L
 RT: 11.804 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU062313.D
 Acq: 13 Dec 2024 15:22

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 3785
 Ion Ratio Lower Upper
 75 100
 110 0.0 28.9 43.3#
 77 36.9 26.5 39.7

