

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121724\
 Data File : VU062407.D
 Acq On : 18 Dec 2024 00:14
 Operator : MD/SY
 Sample : P5309-01
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 18 01:15:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Dec 18 01:12:26 2024
 Response via : Initial Calibration

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

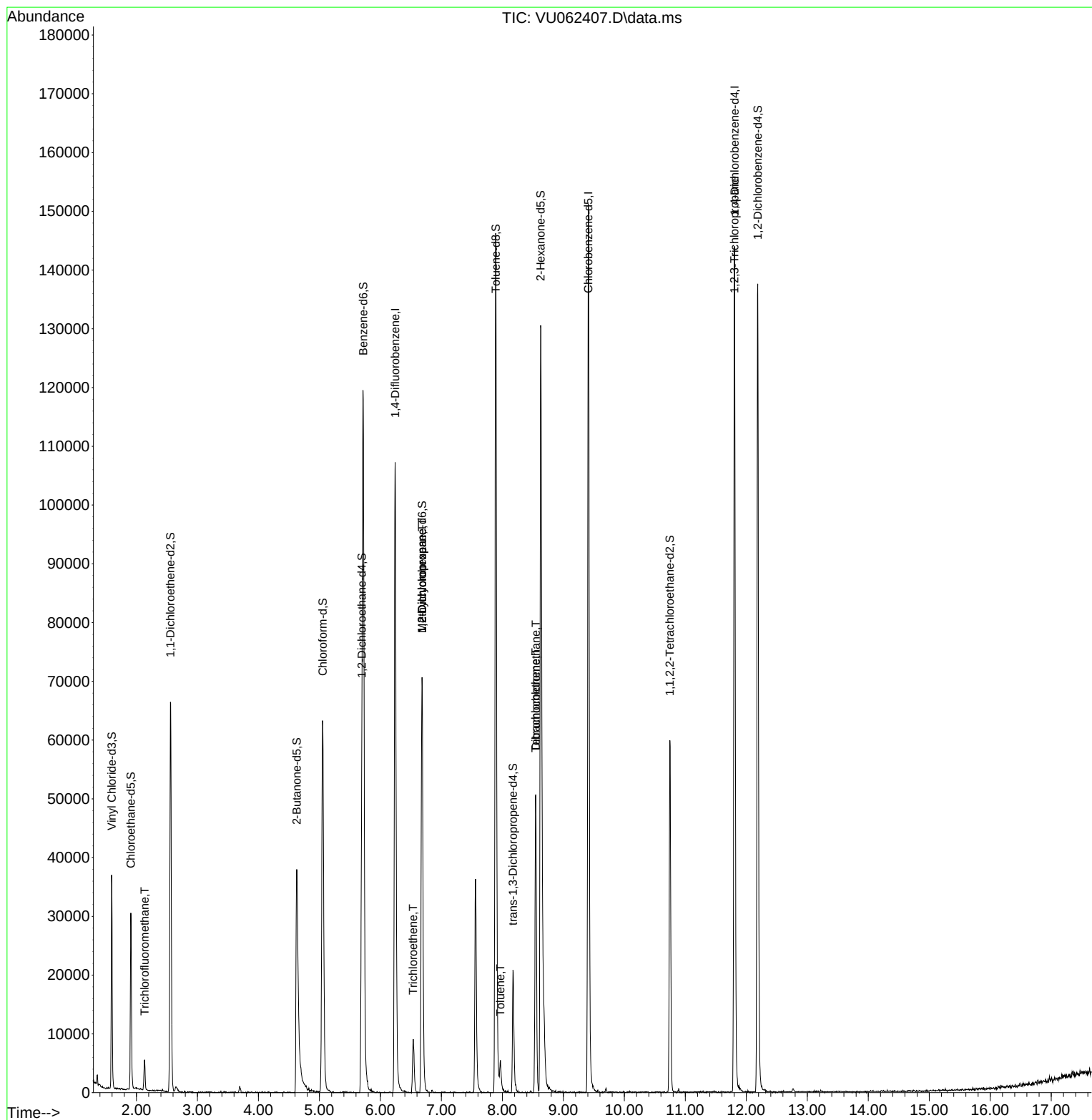
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	92267	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	88611	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	42263	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	25263	4.059	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery =	81.200%		
7) Chloroethane-d5	1.908	69	20954	4.734	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery =	94.600%		
11) 1,1-Dichloroethene-d2	2.557	65	13031	4.401	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery =	88.000%		
20) 2-Butanone-d5	4.628	46	60166	50.444	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery =	100.880%		
24) Chloroform-d	5.052	84	63031	4.680	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	93.600%		
26) 1,2-Dichloroethane-d4	5.695	65	33984	5.131	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	102.600%		
32) Benzene-d6	5.718	84	114134	4.472	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	89.400%		
36) 1,2-Dichloropropane-d6	6.682	67	33155	4.540	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery =	90.800%		
41) Toluene-d8	7.891	98	103941	4.311	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	86.200%		
43) trans-1,3-Dichloroprop...	8.174	79	13566	4.221	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery =	84.400%		
46) 2-Hexanone-d5	8.628	63	45714	47.143	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery =	94.280%		
56) 1,1,2,2-Tetrachloroeth...	10.746	84	27727	4.880	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	97.600%		
66) 1,2-Dichlorobenzene-d4	12.187	152	40180	5.159	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	103.200%		
Target Compounds						Qvalue
9) Trichlorofluoromethane	2.133	101	3566	0.291	ug/L	99
34) Trichloroethene	6.538	95	3393	0.436	ug/L	83
35) Methylcyclohexane	6.682	83	8366	0.725	ug/L #	21
37) 1,2-Dichloropropane	6.682	63	3981	0.595	ug/L #	87
42) Toluene	7.965	91	4166	0.141	ug/L	96
47) Tetrachloroethene	8.544	164	11633	1.937	ug/L	92
49) Dibromochloromethane	8.547	129	11511	1.887	ug/L #	13
61) 1,2,3-Trichloropropane	11.804	75	3856	0.987	ug/L #	63

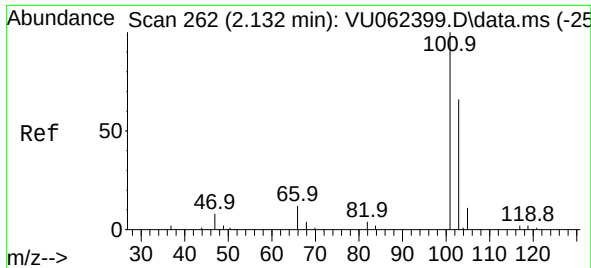
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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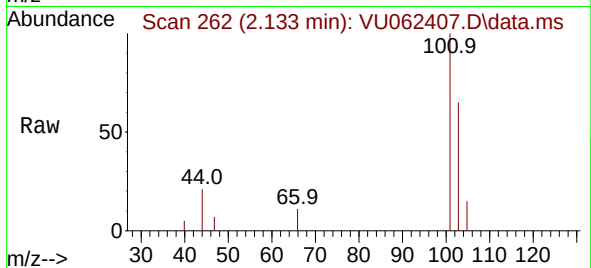
Quant Time: Dec 18 01:15:22 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
Quant Title : TRACE VOA SFAM1.0
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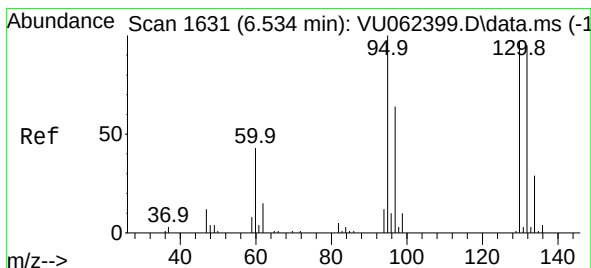
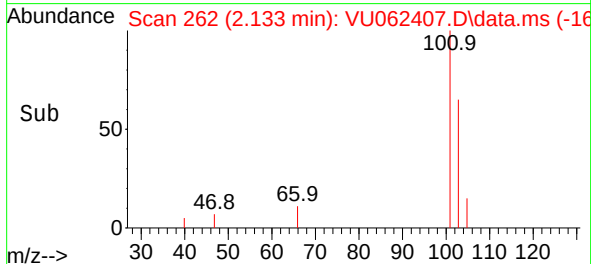
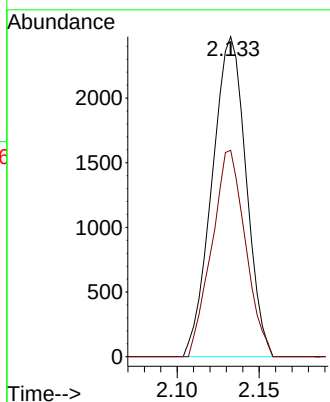


#9
Trichlorofluoromethane
Concen: 0.291 ug/L
RT: 2.133 min Scan# 20
Delta R.T. 0.000 min
Lab File: VU062407.D
Acq: 18 Dec 2024 00:14

Instrument :
MSVOA_U
ClientSampleId :

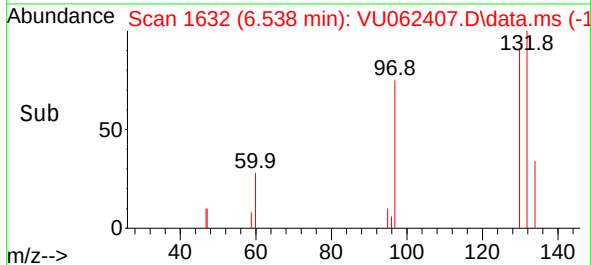
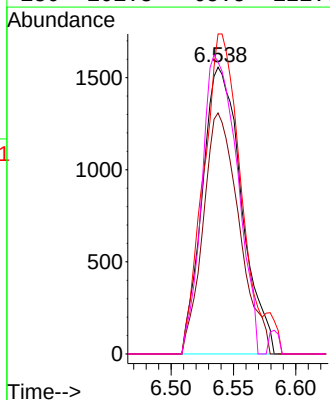
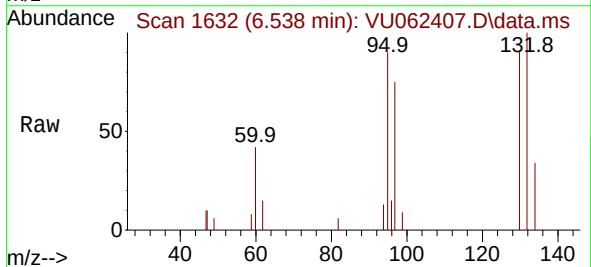


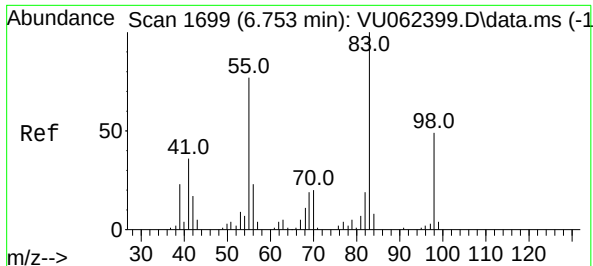
Tgt Ion:101 Resp: 3566
Ion Ratio Lower Upper
101 100
103 63.7 50.6 75.8



#34
Trichloroethene
Concen: 0.436 ug/L
RT: 6.538 min Scan# 1632
Delta R.T. 0.003 min
Lab File: VU062407.D
Acq: 18 Dec 2024 00:14

Tgt Ion: 95 Resp: 3393
Ion Ratio Lower Upper
95 100
97 84.1 45.9 85.3
132 111.6 63.8 118.4
130 101.8 65.5 121.7





#35

Methylcyclohexane

Concen: 0.725 ug/L

RT: 6.682 min Scan# 1

Delta R.T. -0.071 min

Lab File: VU062407.D

Acq: 18 Dec 2024 00:14

Instrument :

MSVOA_U

ClientSampleId :

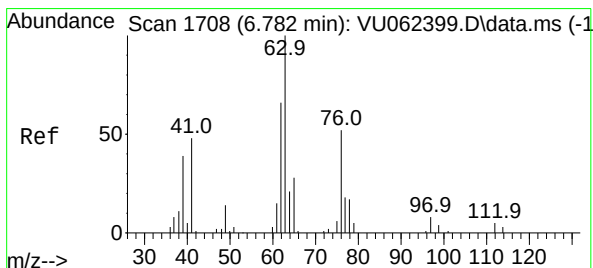
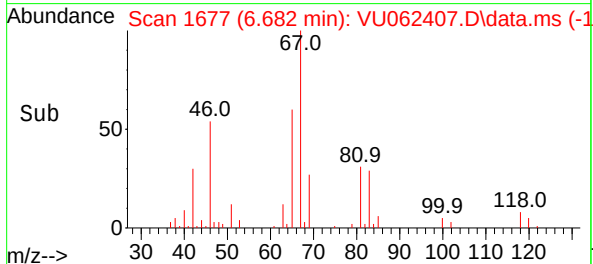
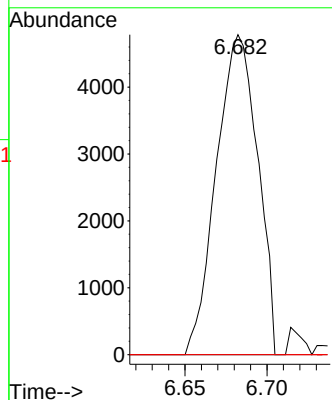
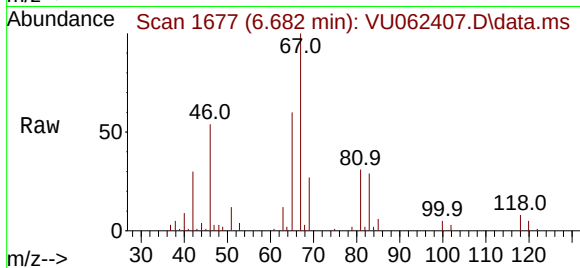
Tgt Ion: 83 Resp: 8366

Ion Ratio Lower Upper

83 100

55 0.0 60.7 91.1#

98 2.7 34.8 52.2#



#37

1,2-Dichloropropane

Concen: 0.595 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.099 min

Lab File: VU062407.D

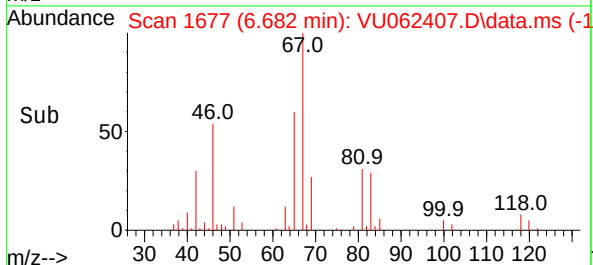
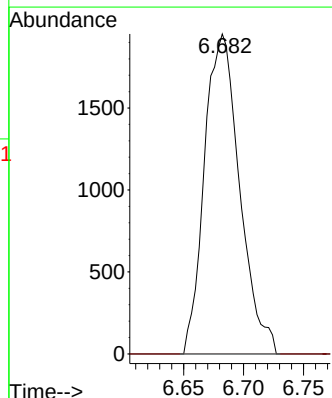
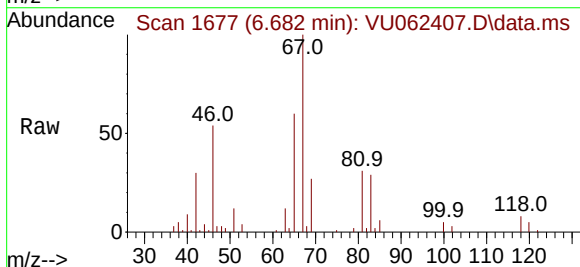
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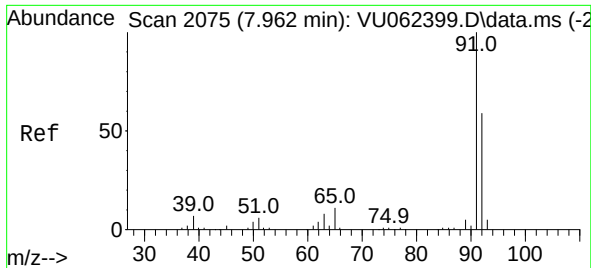
Tgt Ion: 63 Resp: 3981

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.0#





#42

Toluene

Concen: 0.141 ug/L

RT: 7.965 min Scan# 2075

Delta R.T. 0.003 min

Lab File: VU062407.D

Acq: 18 Dec 2024 00:14

Instrument :

MSVOA_U

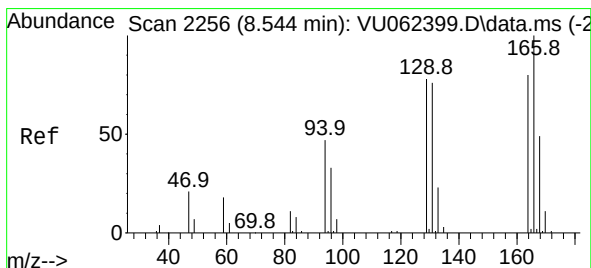
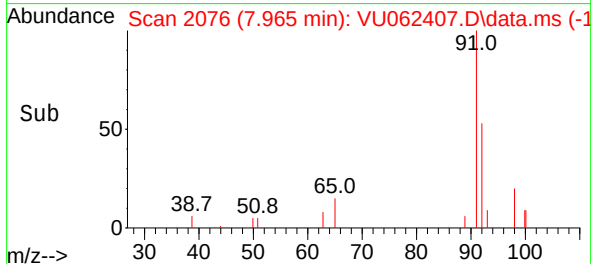
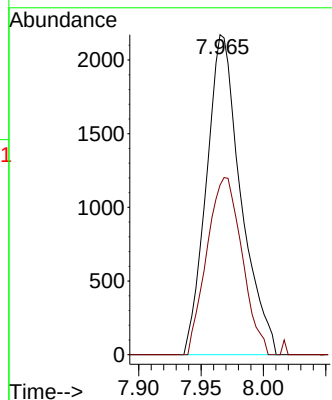
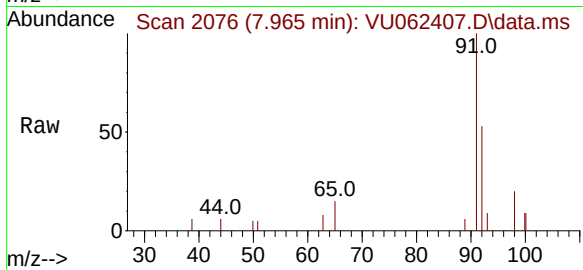
ClientSampleId :

Tgt Ion: 91 Resp: 4166

Ion Ratio Lower Upper

91 100

92 53.0 39.0 72.4



#47

Tetrachloroethene

Concen: 1.937 ug/L

RT: 8.544 min Scan# 2256

Delta R.T. 0.000 min

Lab File: VU062407.D

Acq: 18 Dec 2024 00:14

Tgt Ion: 164 Resp: 11633

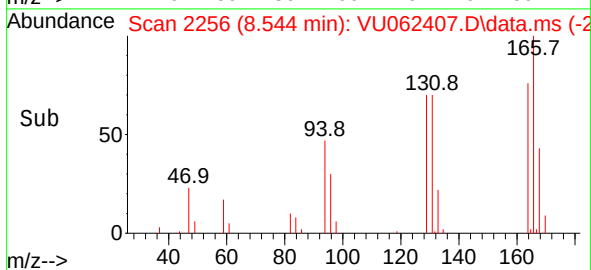
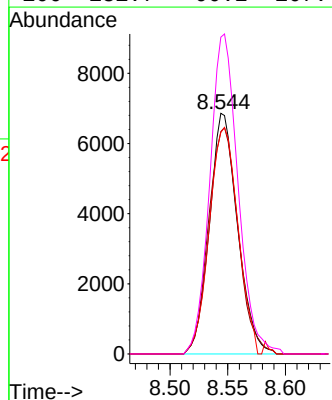
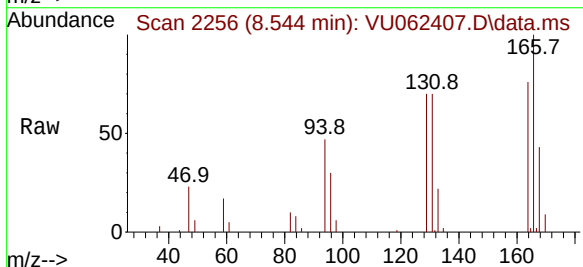
Ion Ratio Lower Upper

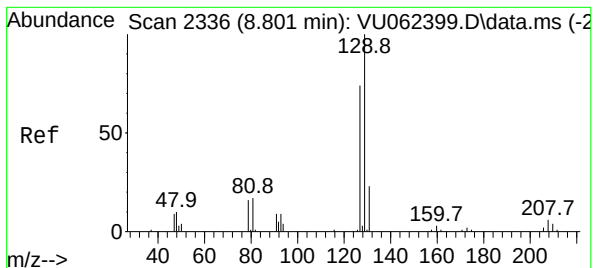
164 100

129 92.4 73.2 136.0

131 92.1 72.3 134.3

166 131.7 90.2 167.4





#49

Dibromochloromethane

Concen: 1.887 ug/L

RT: 8.547 min Scan# 21

Delta R.T. -0.254 min

Lab File: VU062407.D

Acq: 18 Dec 2024 00:14

Instrument :

MSVOA_U

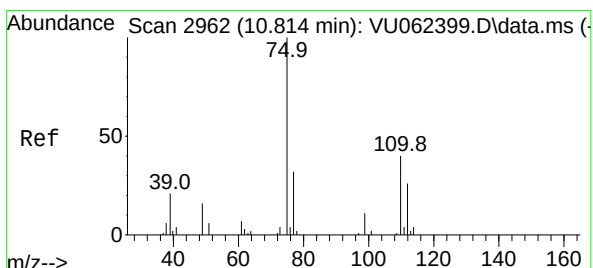
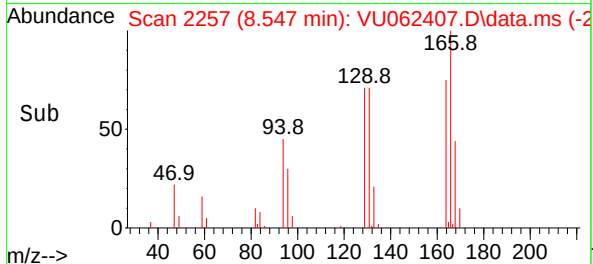
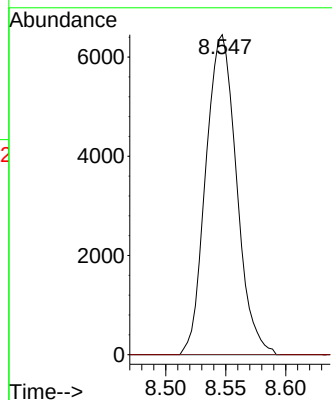
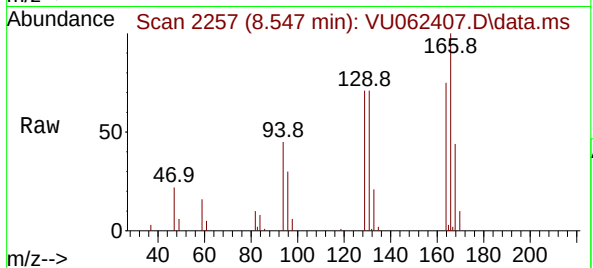
ClientSampleId :

Tgt Ion:129 Resp: 11511

Ion Ratio Lower Upper

129 100

127 0.0 51.1 94.9#



#61

1,2,3-Trichloropropane

Concen: 0.987 ug/L

RT: 11.804 min Scan# 3270

Delta R.T. 0.991 min

Lab File: VU062407.D

Acq: 18 Dec 2024 00:14

Tgt Ion: 75 Resp: 3856

Ion Ratio Lower Upper

75 100

110 0.0 28.9 43.3#

77 39.4 26.5 39.7

