

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121824\
 Data File : VU062442.D
 Acq On : 18 Dec 2024 23:39
 Operator : MD/SY
 Sample : P5309-05DL 1000X
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 19 00:18:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 19 00:12:34 2024
 Response via : Initial Calibration

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

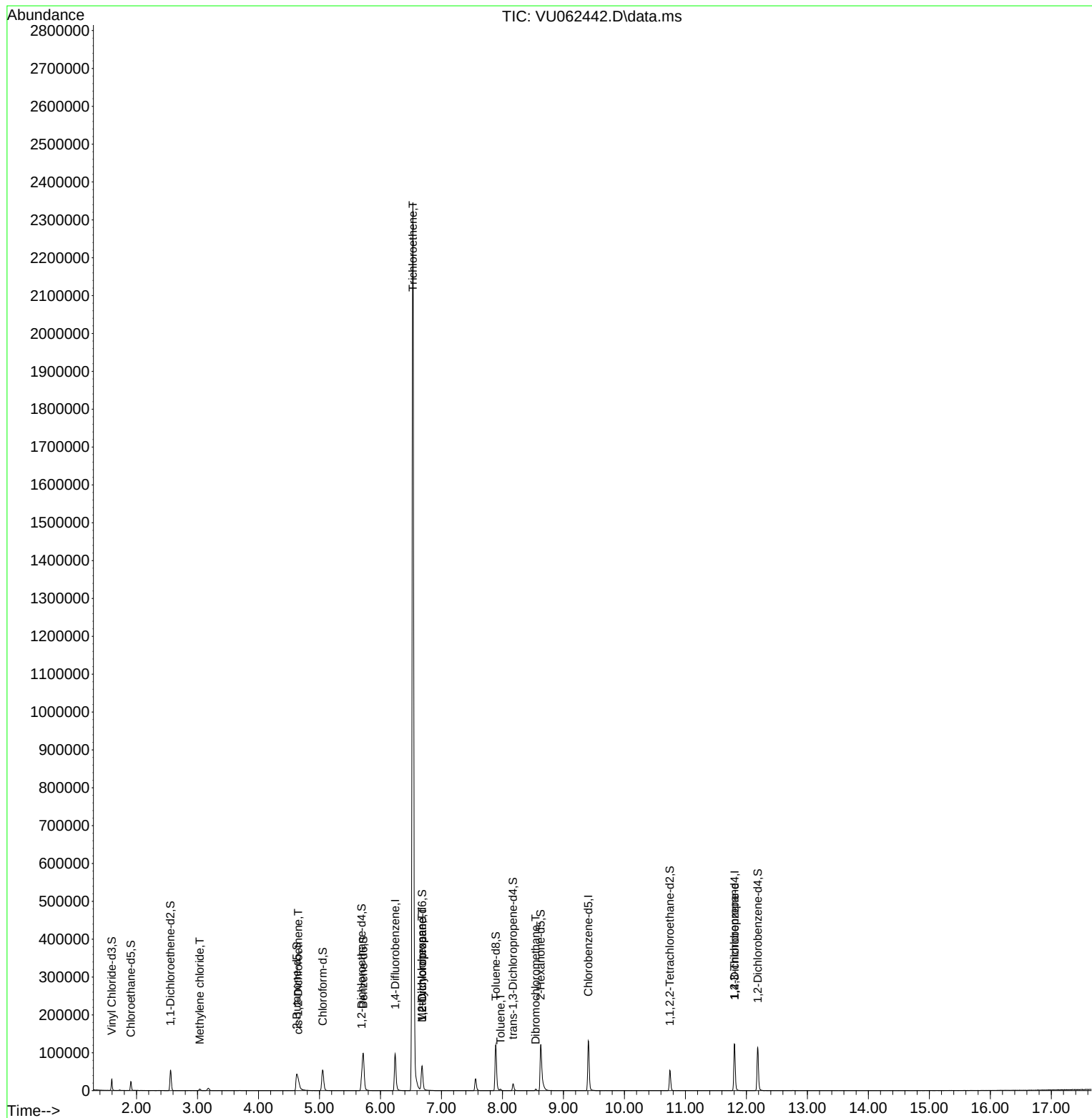
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	81713	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	77549	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	36139	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	20011	3.631	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.600%
7) Chloroethane-d5	1.907	69	16904	4.312	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.200%
11) 1,1-Dichloroethene-d2	2.557	65	10486	3.999	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.000%
20) 2-Butanone-d5	4.628	46	54688	51.774	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.540%
24) Chloroform-d	5.052	84	55917	4.688	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.800%
26) 1,2-Dichloroethane-d4	5.692	65	32267	5.501	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.000%
32) Benzene-d6	5.718	84	95064	4.256	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.200%
36) 1,2-Dichloropropane-d6	6.682	67	28686	4.489	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.800%
41) Toluene-d8	7.891	98	87225	4.134	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.600%
43) trans-1,3-Dichloroprop...	8.174	79	12557	4.464	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.200%
46) 2-Hexanone-d5	8.627	63	43471	51.224	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.440%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	25352	5.098	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	33133	4.975	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.600%
Target Compounds						
					Qvalue	
16) Methylene chloride	3.036	84	2472	0.427	ug/L	82
22) cis-1,2-Dichloroethene	4.653	96	6284	0.989	ug/L	84
34) Trichloroethene	6.531	95	806717	118.504	ug/L	95
35) Methylcyclohexane	6.679	83	7546	0.748	ug/L #	19
37) 1,2-Dichloropropane	6.682	63	3620	0.619	ug/L #	87
42) Toluene	7.968	91	3303	0.127	ug/L	91
49) Dibromochloromethane	8.544	129	958	0.179	ug/L #	13
61) 1,2,3-Trichloropropane	11.804	75	3624	1.084	ug/L #	69

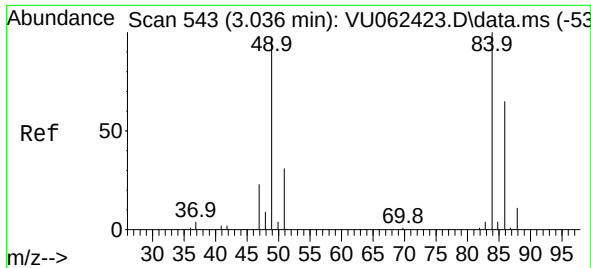
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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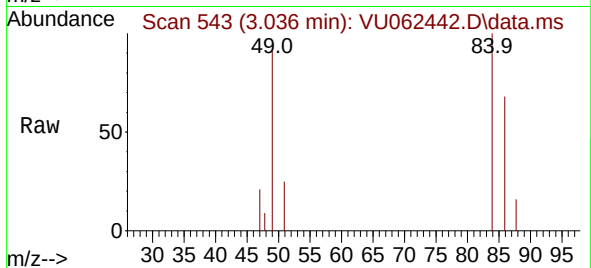
Quant Time: Dec 19 00:18:28 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
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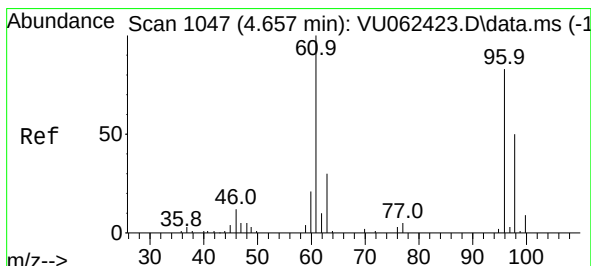
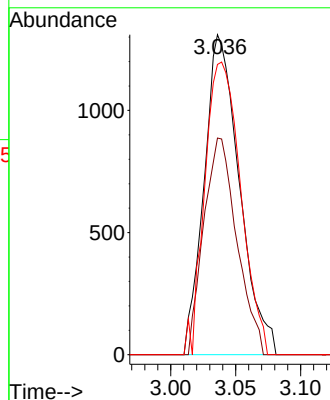
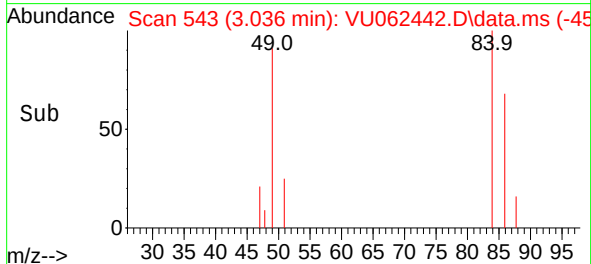


#16
Methylene chloride
Concen: 0.427 ug/L
RT: 3.036 min Scan# 54
Delta R.T. -0.000 min
Lab File: VU062442.D
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MSVOA_U
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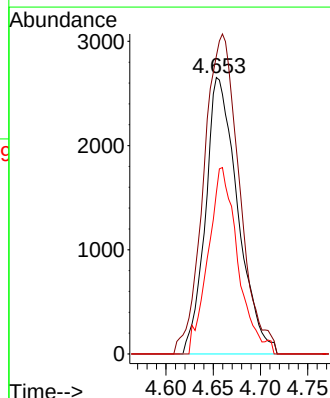
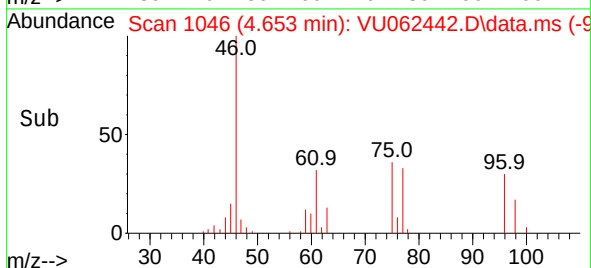
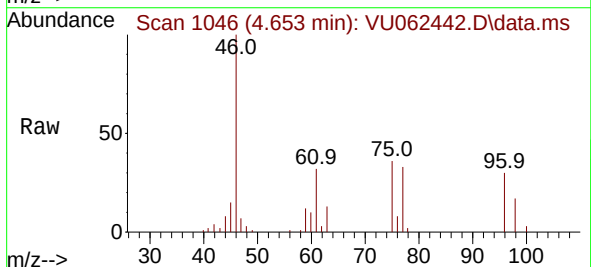


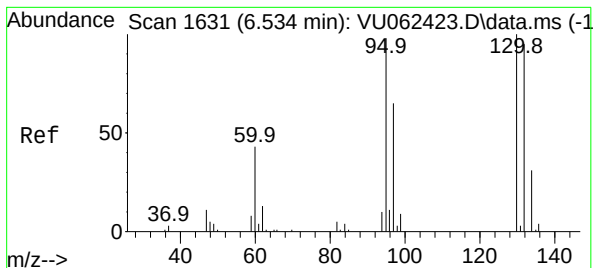
Tgt Ion: 84 Resp: 2472
Ion Ratio Lower Upper
84 100
86 67.7 43.5 80.7
49 90.7 81.9 152.1



#22
cis-1,2-Dichloroethene
Concen: 0.989 ug/L
RT: 4.653 min Scan# 1046
Delta R.T. -0.003 min
Lab File: VU062442.D
Acq: 18 Dec 2024 23:39

Tgt Ion: 96 Resp: 6284
Ion Ratio Lower Upper
96 100
61 107.7 92.0 170.8
98 58.3 44.5 82.7





#34

Trichloroethene

Concen: 118.504 ug/L

RT: 6.531 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU062442.D

Acq: 18 Dec 2024 23:39

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 806717

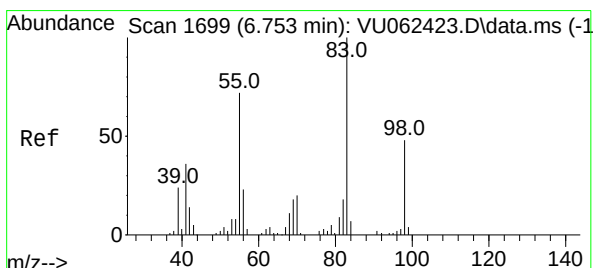
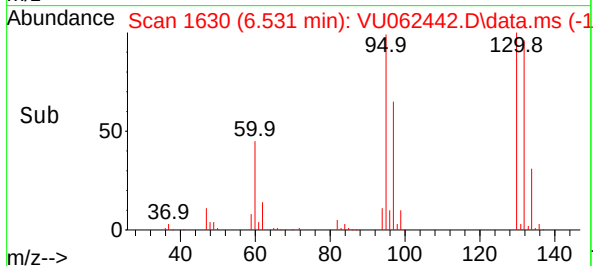
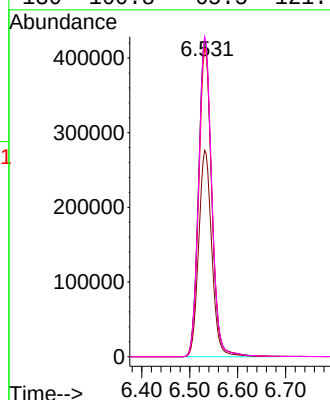
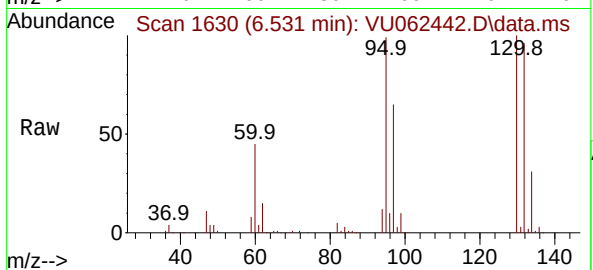
Ion Ratio Lower Upper

95 100

97 65.0 45.9 85.3

132 97.0 63.8 118.4

130 100.8 65.5 121.7



#35

Methylcyclohexane

Concen: 0.748 ug/L

RT: 6.679 min Scan# 1676

Delta R.T. -0.074 min

Lab File: VU062442.D

Acq: 18 Dec 2024 23:39

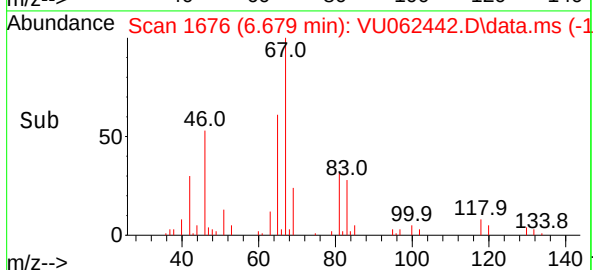
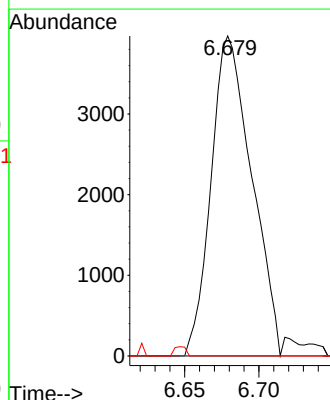
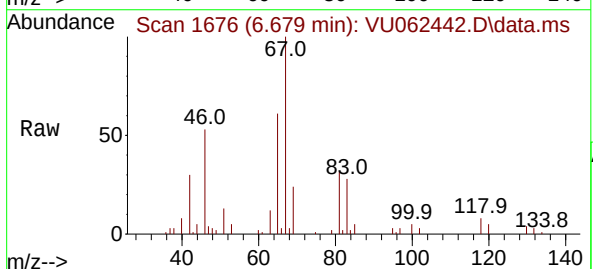
Tgt Ion: 83 Resp: 7546

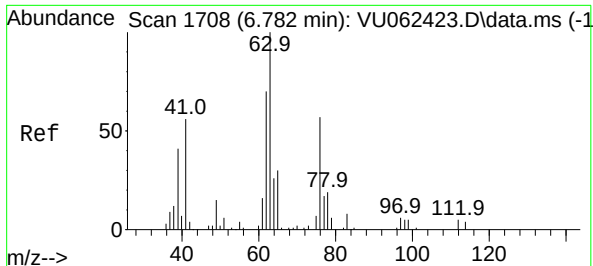
Ion Ratio Lower Upper

83 100

55 0.0 60.7 91.1#

98 0.0 34.8 52.2#

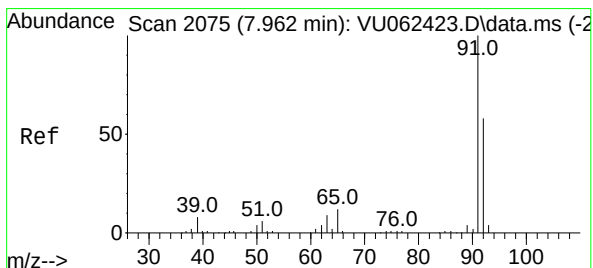
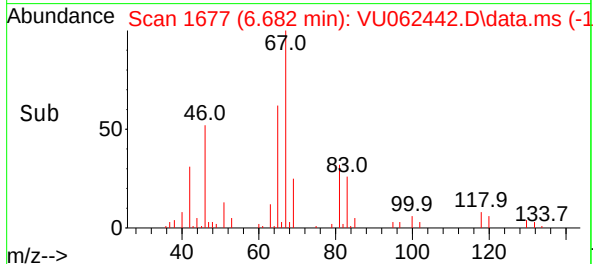
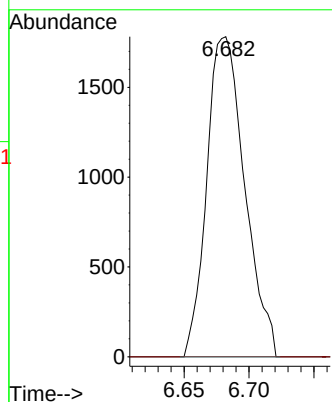
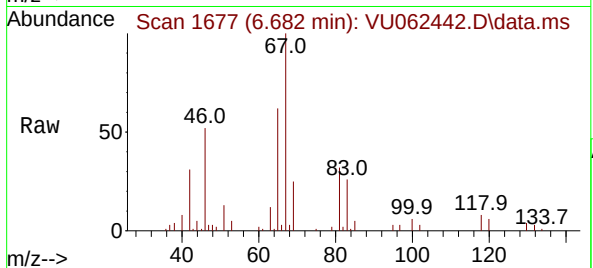




#37
1,2-Dichloropropane
Concen: 0.619 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU062442.D
Acq: 18 Dec 2024 23:39

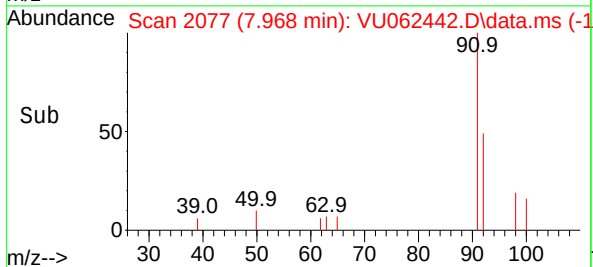
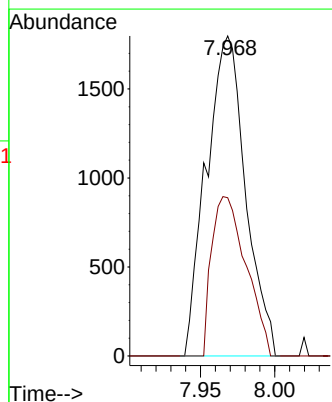
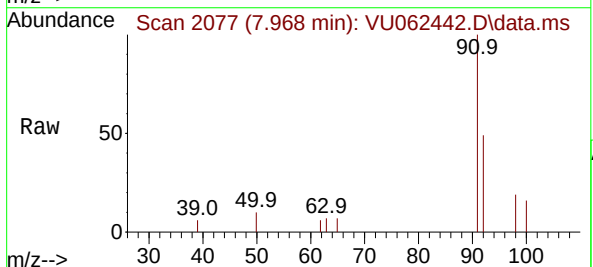
Instrument :
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ClientSampleId :

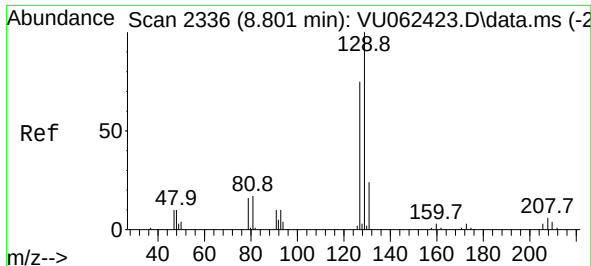
Tgt Ion: 63 Resp: 3620
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



#42
Toluene
Concen: 0.127 ug/L
RT: 7.968 min Scan# 2077
Delta R.T. 0.006 min
Lab File: VU062442.D
Acq: 18 Dec 2024 23:39

Tgt Ion: 91 Resp: 3303
Ion Ratio Lower Upper
91 100
92 49.4 39.0 72.4





#49

Dibromochloromethane

Concen: 0.179 ug/L

RT: 8.544 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU062442.D

Acq: 18 Dec 2024 23:39

Instrument :

MSVOA_U

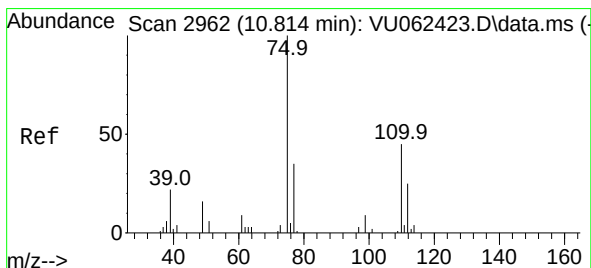
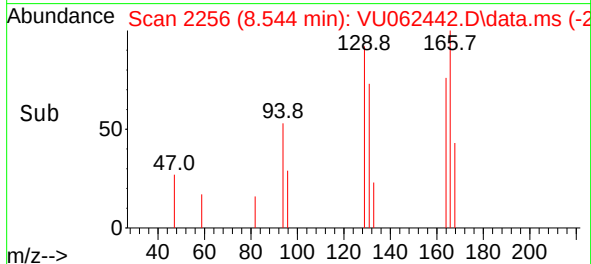
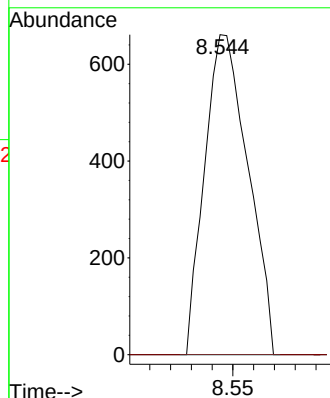
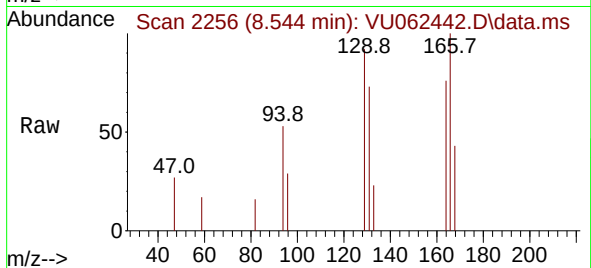
ClientSampleId :

Tgt Ion:129 Resp: 958

Ion Ratio Lower Upper

129 100

127 0.0 51.1 94.9#



#61

1,2,3-Trichloropropane

Concen: 1.084 ug/L

RT: 11.804 min Scan# 3270

Delta R.T. 0.990 min

Lab File: VU062442.D

Acq: 18 Dec 2024 23:39

Tgt Ion: 75 Resp: 3624

Ion Ratio Lower Upper

75 100

110 1.8 28.9 43.3#

77 33.8 26.5 39.7

