

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122024\
 Data File : VU062522.D
 Acq On : 20 Dec 2024 14:11
 Operator : MD/SY
 Sample : P5308-16
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 20 22:35:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 20 22:32:26 2024
 Response via : Initial Calibration

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

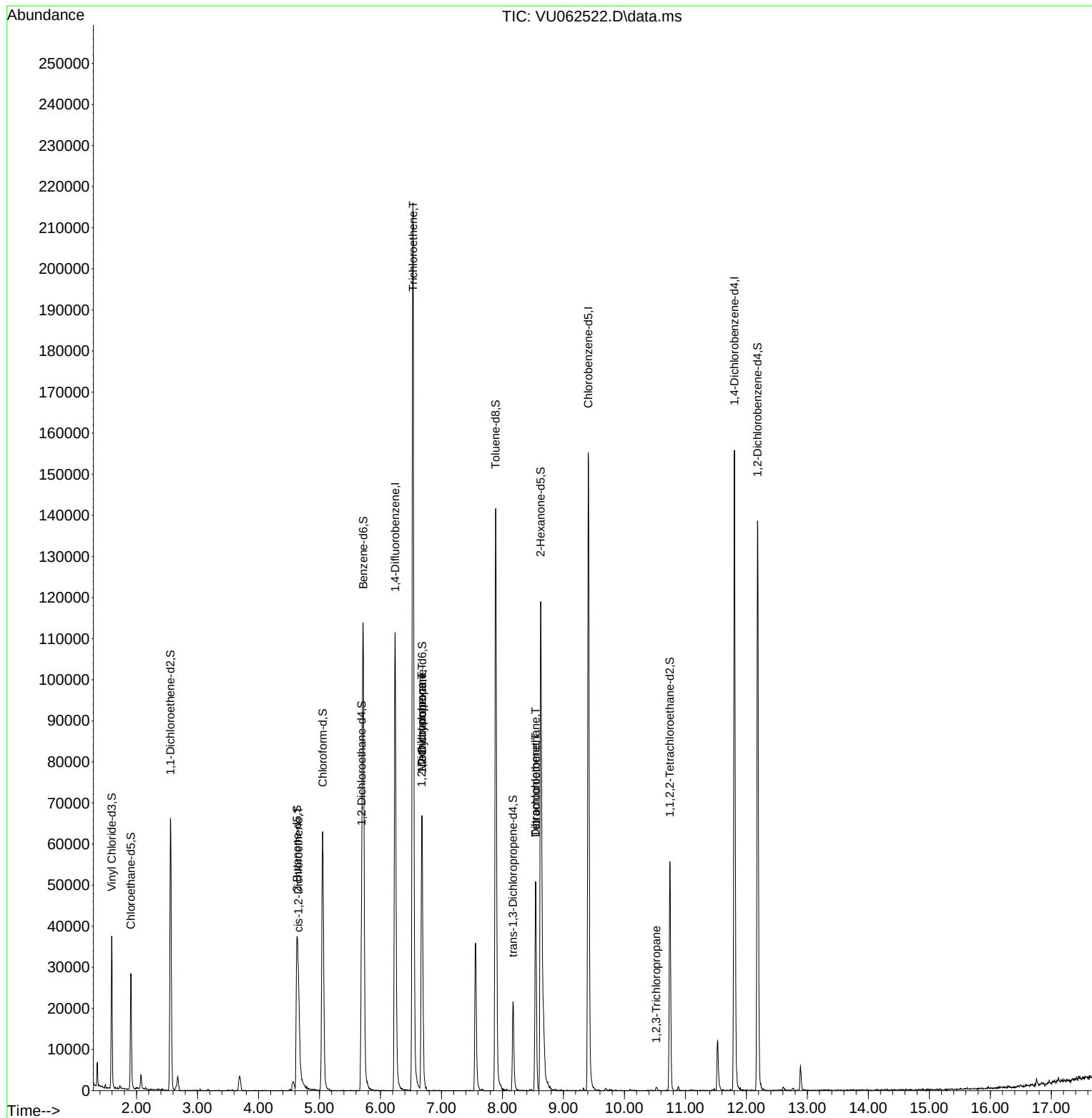
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	94547	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	87967	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	42031	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	23761	3.726	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.600%
7) Chloroethane-d5	1.907	69	20557	4.532	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.600%
11) 1,1-Dichloroethene-d2	2.557	65	13014	4.290	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.800%
20) 2-Butanone-d5	4.631	46	52135	42.657	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.320%
24) Chloroform-d	5.052	84	62144	4.503	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.000%
26) 1,2-Dichloroethane-d4	5.692	65	35545	5.237	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.800%
32) Benzene-d6	5.717	84	105458	4.162	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.200%
36) 1,2-Dichloropropane-d6	6.682	67	30066	4.147	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.000%
41) Toluene-d8	7.888	98	100397	4.195	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.800%
43) trans-1,3-Dichloroprop...	8.174	79	13630	4.272	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.400%
46) 2-Hexanone-d5	8.627	63	41577	43.190	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.380%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	25546	4.529	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.600%
66) 1,2-Dichlorobenzene-d4	12.183	152	38119	4.922	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.400%
Target Compounds						
					Qvalue	
22) cis-1,2-Dichloroethene	4.656	96	7186	0.977	ug/L	90
34) Trichloroethene	6.534	95	78298	10.140	ug/L	99
35) Methylcyclohexane	6.679	83	8728	0.762	ug/L #	19
37) 1,2-Dichloropropane	6.676	63	3790	0.571	ug/L #	87
47) Tetrachloroethene	8.544	164	11368	1.907	ug/L	98
49) Dibromochloromethane	8.544	129	11457	1.892	ug/L #	13
61) 1,2,3-Trichloropropane	10.521	75	653	0.168	ug/L #	40

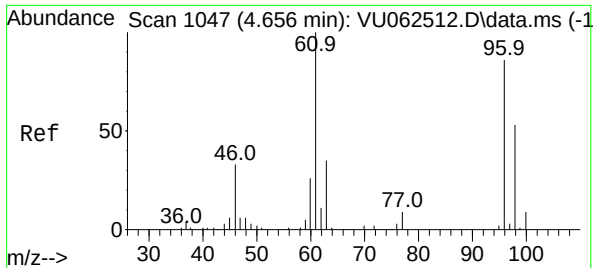
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Dec 20 22:32:26 2024
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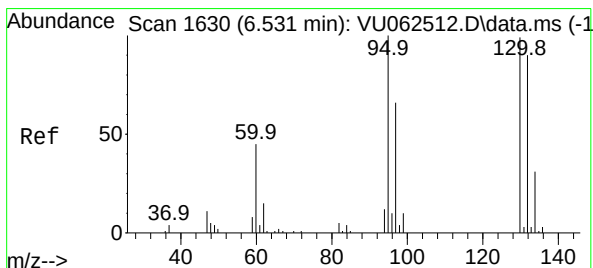
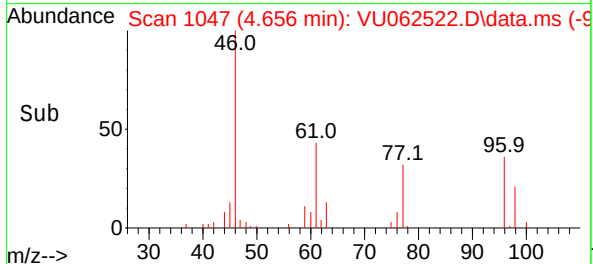
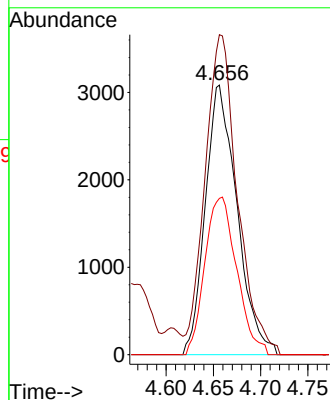
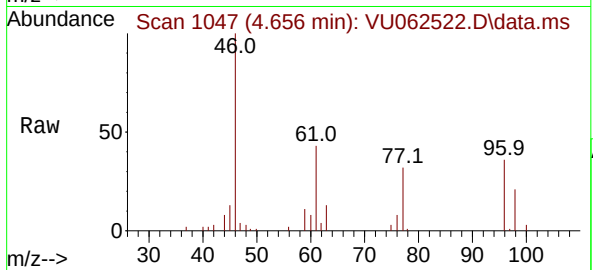




#22
 cis-1,2-Dichloroethene
 Concen: 0.977 ug/L
 RT: 4.656 min Scan# 1047
 Delta R.T. -0.000 min
 Lab File: VU062522.D
 Acq: 20 Dec 2024 14:11

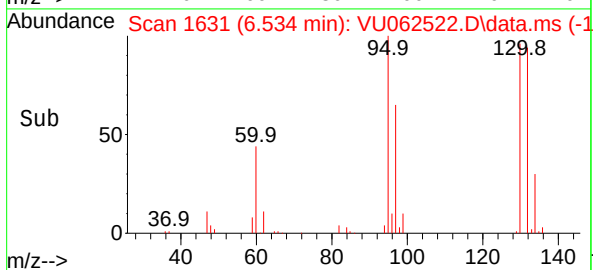
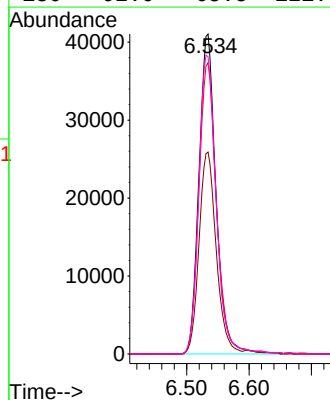
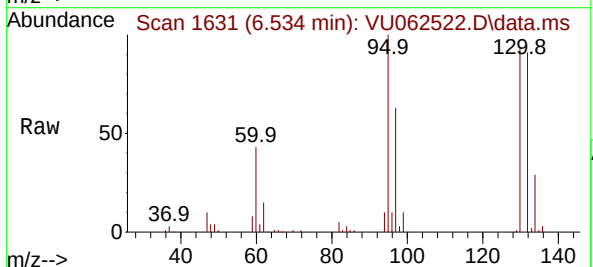
Instrument :
 MSVOA_U
 ClientSampleId :

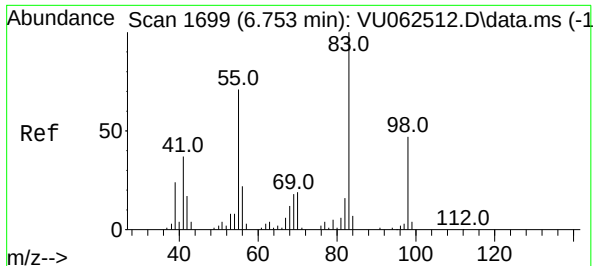
Tgt Ion: 96 Resp: 7186
 Ion Ratio Lower Upper
 96 100
 61 118.7 92.0 170.8
 98 58.0 44.5 82.7



#34
 Trichloroethene
 Concen: 10.140 ug/L
 RT: 6.534 min Scan# 1631
 Delta R.T. 0.003 min
 Lab File: VU062522.D
 Acq: 20 Dec 2024 14:11

Tgt Ion: 95 Resp: 78298
 Ion Ratio Lower Upper
 95 100
 97 63.1 45.9 85.3
 132 91.0 63.8 118.4
 130 92.9 65.5 121.7

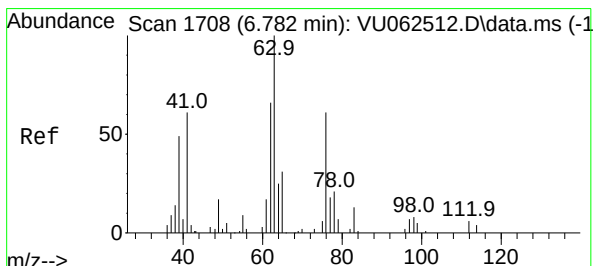
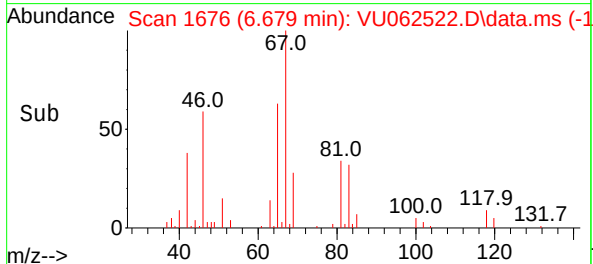
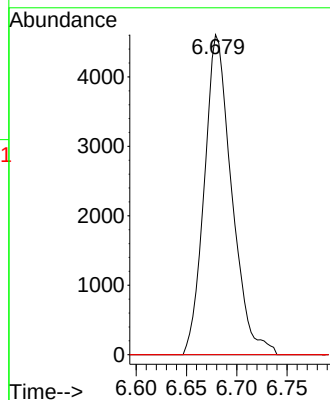
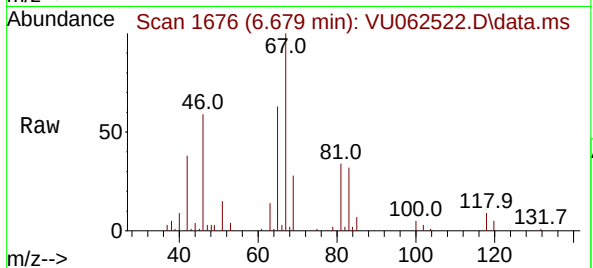




#35
Methylcyclohexane
Concen: 0.762 ug/L
RT: 6.679 min Scan# 1676
Delta R.T. -0.074 min
Lab File: VU062522.D
Acq: 20 Dec 2024 14:11

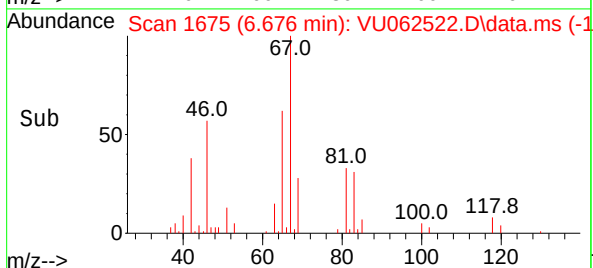
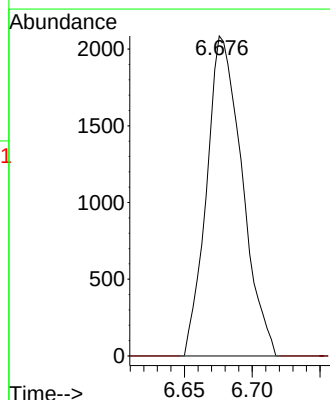
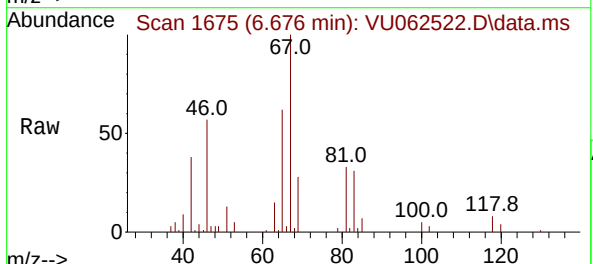
Instrument :
MSVOA_U
ClientSampleId :

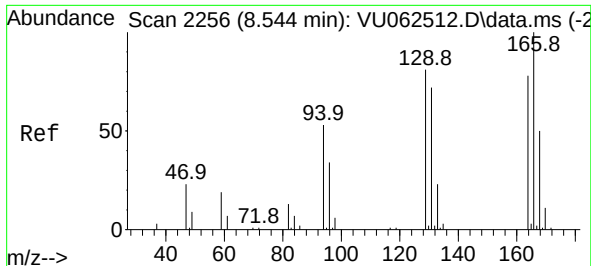
Tgt Ion: 83 Resp: 8728
Ion Ratio Lower Upper
83 100
55 0.0 60.7 91.1#
98 0.0 34.8 52.2#



#37
1,2-Dichloropropane
Concen: 0.571 ug/L
RT: 6.676 min Scan# 1675
Delta R.T. -0.106 min
Lab File: VU062522.D
Acq: 20 Dec 2024 14:11

Tgt Ion: 63 Resp: 3790
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#





#47

Tetrachloroethene

Concen: 1.907 ug/L

RT: 8.544 min Scan# 2256

Delta R.T. -0.000 min

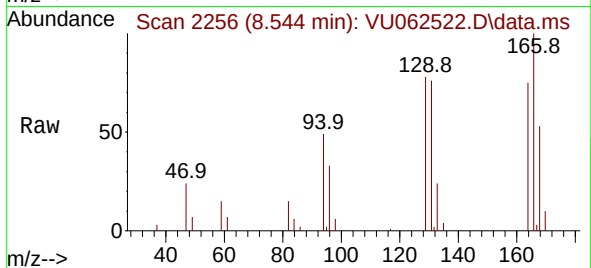
Lab File: VU062522.D

Acq: 20 Dec 2024 14:11

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:164 Resp: 11368

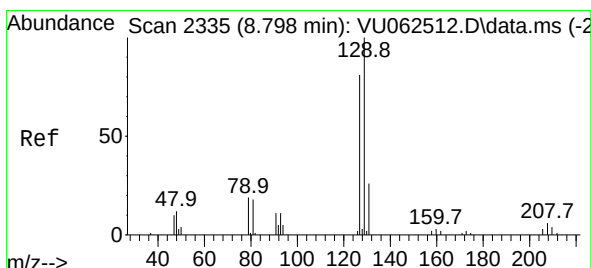
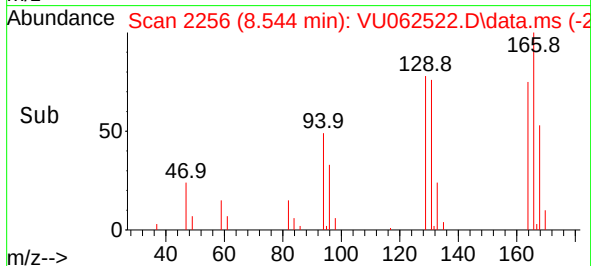
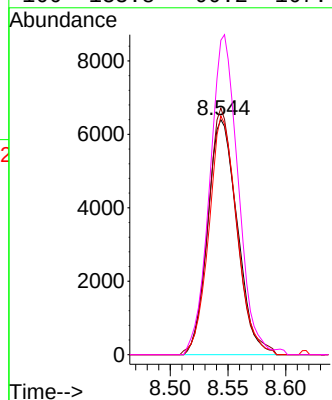
Ion Ratio Lower Upper

164 100

129 104.9 73.2 136.0

131 101.5 72.3 134.3

166 133.8 90.2 167.4



#49

Dibromochloromethane

Concen: 1.892 ug/L

RT: 8.544 min Scan# 2256

Delta R.T. -0.254 min

Lab File: VU062522.D

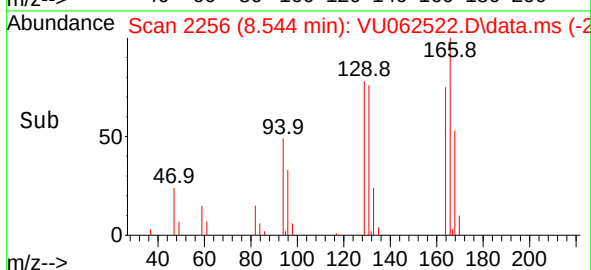
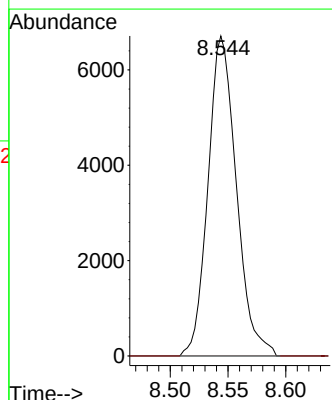
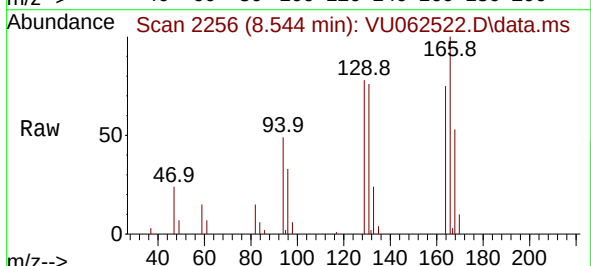
Acq: 20 Dec 2024 14:11

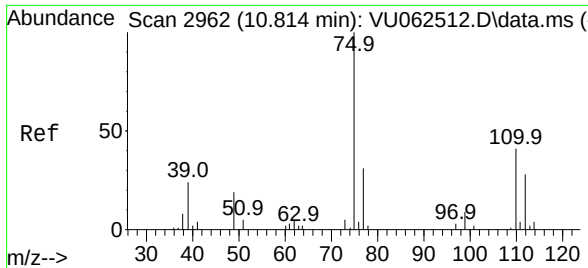
Tgt Ion:129 Resp: 11457

Ion Ratio Lower Upper

129 100

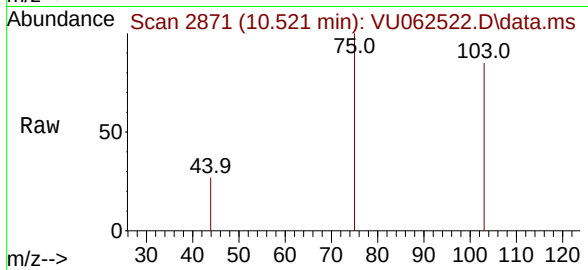
127 0.0 51.1 94.9#





#61
 1,2,3-Trichloropropane
 Concen: 0.168 ug/L
 RT: 10.521 min Scan# 21
 Delta R.T. -0.293 min
 Lab File: VU062522.D
 Acq: 20 Dec 2024 14:11

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 653
 Ion Ratio Lower Upper
 75 100
 110 0.0 28.9 43.3#
 77 0.0 26.5 39.7#

