

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122024\
 Data File : VU062521.D
 Acq On : 20 Dec 2024 13:46
 Operator : MD/SY
 Sample : P5308-11
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 20 22:34:46 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)

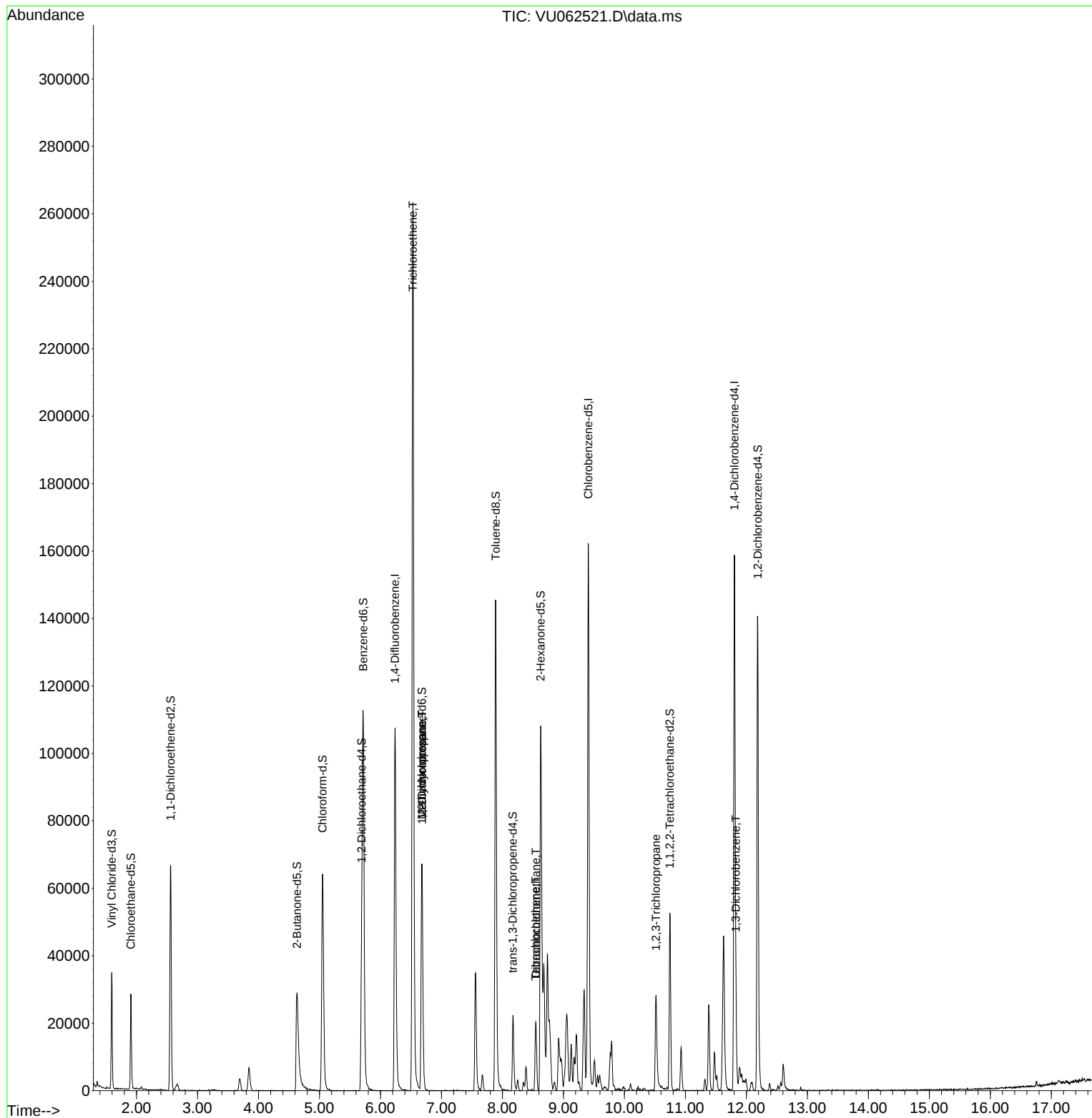
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	91031	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	89138	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	43866	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	23812	3.878	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.600%
7) Chloroethane-d5	1.907	69	19566	4.480	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.600%
11) 1,1-Dichloroethene-d2	2.560	65	13021	4.458	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.200%
20) 2-Butanone-d5	4.631	46	48071	40.851	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	81.700%
24) Chloroform-d	5.049	84	62189	4.680	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.600%
26) 1,2-Dichloroethane-d4	5.692	65	34321	5.252	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.000%
32) Benzene-d6	5.718	84	107182	4.175	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.400%
36) 1,2-Dichloropropane-d6	6.679	67	31086	4.232	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.600%
41) Toluene-d8	7.891	98	102383	4.222	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.400%
43) trans-1,3-Dichloroprop...	8.171	79	13673	4.229	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.600%
46) 2-Hexanone-d5	8.627	63	38172	39.132	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	78.260%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	23650	4.138	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	39086	4.835	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.800%
Target Compounds						
					Qvalue	
34) Trichloroethene	6.531	95	93375	11.933	ug/L	97
35) Methylcyclohexane	6.679	83	8767	0.756	ug/L #	20
37) 1,2-Dichloropropane	6.682	63	3756	0.558	ug/L #	87
47) Tetrachloroethene	8.544	164	4116	0.681	ug/L	94
49) Dibromochloromethane	8.547	129	4003	0.652	ug/L #	13
61) 1,2,3-Trichloropropane	10.518	75	21016	5.181	ug/L #	44
64) 1,3-Dichlorobenzene	11.830	146	2102	0.144	ug/L	94

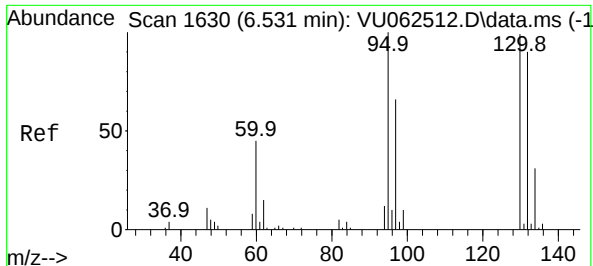
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#34

Trichloroethene

Concen: 11.933 ug/L

RT: 6.531 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU062521.D

Acq: 20 Dec 2024 13:46

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 93375

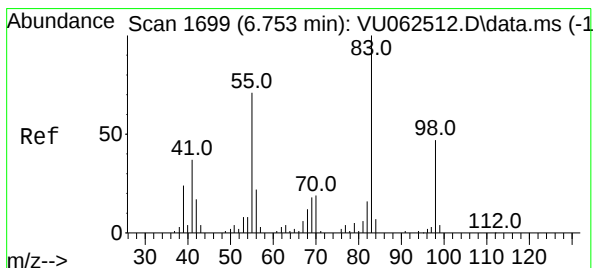
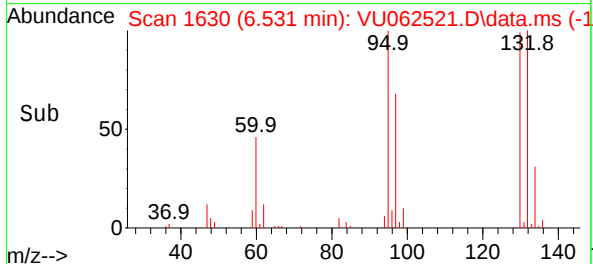
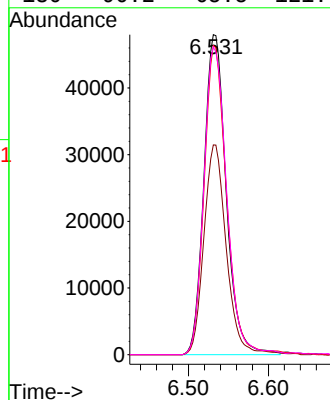
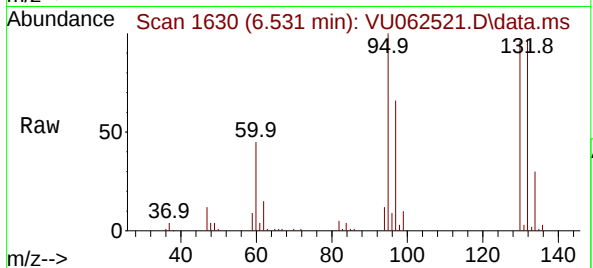
Ion Ratio Lower Upper

95 100

97 65.6 45.9 85.3

132 96.6 63.8 118.4

130 96.2 65.5 121.7



#35

Methylcyclohexane

Concen: 0.756 ug/L

RT: 6.679 min Scan# 1676

Delta R.T. -0.074 min

Lab File: VU062521.D

Acq: 20 Dec 2024 13:46

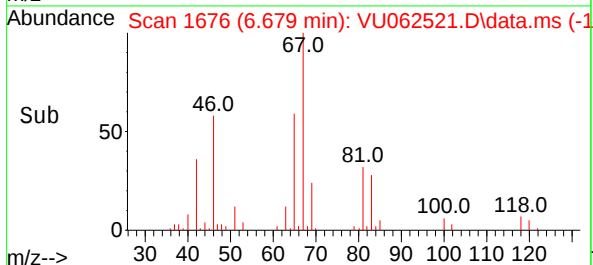
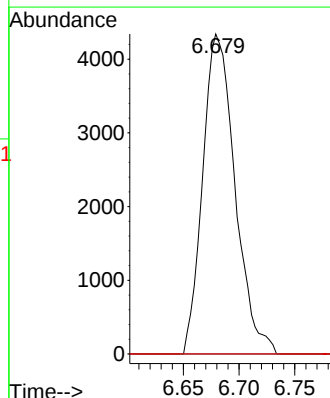
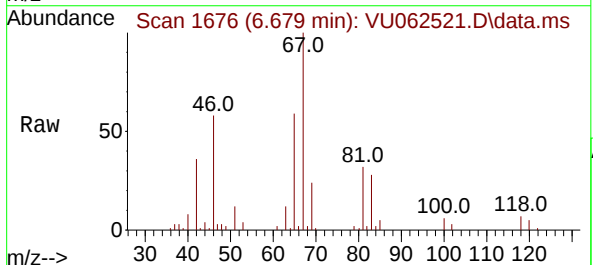
Tgt Ion: 83 Resp: 8767

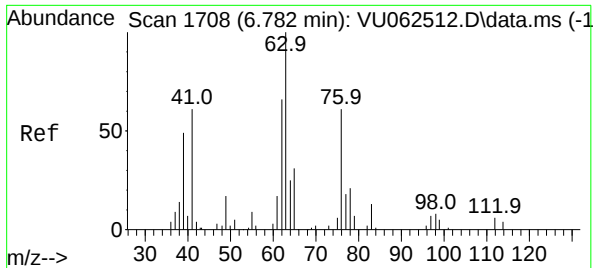
Ion Ratio Lower Upper

83 100

55 0.0 60.7 91.1#

98 0.9 34.8 52.2#

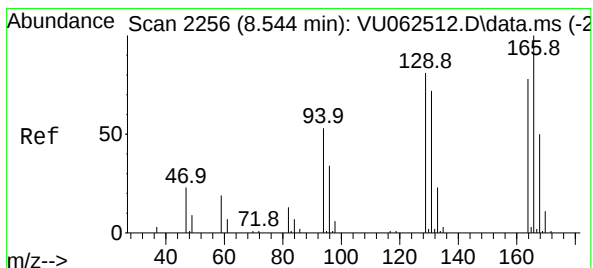
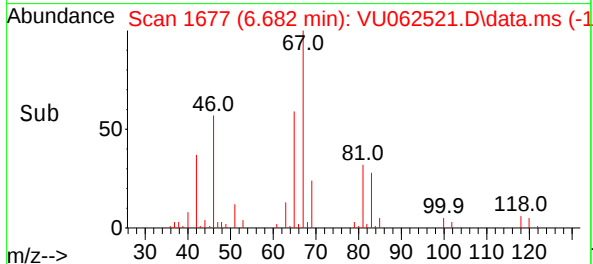
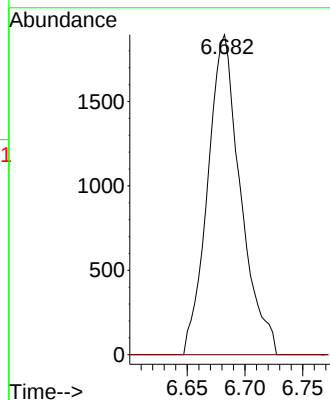
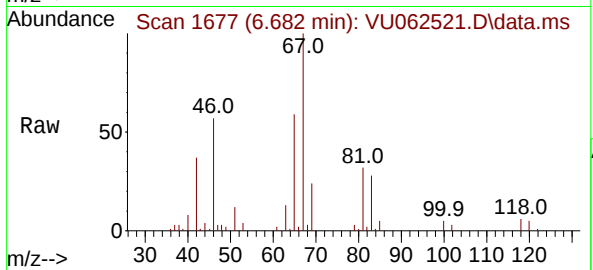




#37
1,2-Dichloropropane
Concen: 0.558 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU062521.D
Acq: 20 Dec 2024 13:46

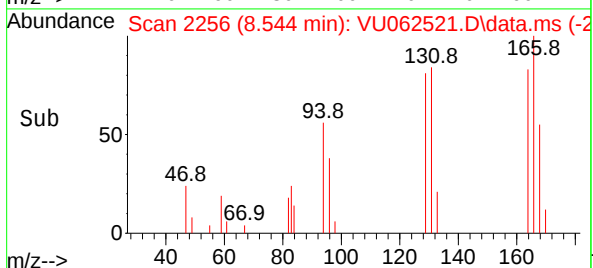
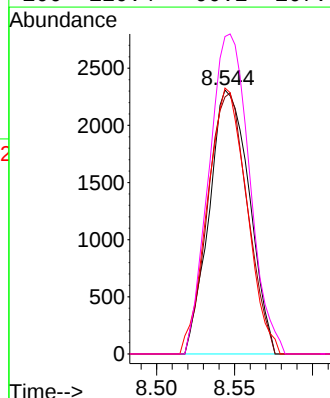
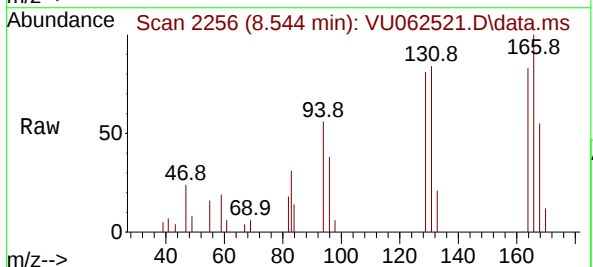
Instrument :
MSVOA_U
ClientSampleId :

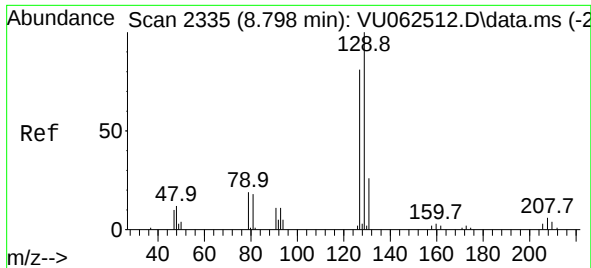
Tgt Ion: 63 Resp: 3756
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



#47
Tetrachloroethene
Concen: 0.681 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. 0.000 min
Lab File: VU062521.D
Acq: 20 Dec 2024 13:46

Tgt Ion:164 Resp: 4116
Ion Ratio Lower Upper
164 100
129 97.4 73.2 136.0
131 100.8 72.3 134.3
166 120.4 90.2 167.4





#49

Dibromochloromethane

Concen: 0.652 ug/L

RT: 8.547 min Scan# 21

Delta R.T. -0.251 min

Lab File: VU062521.D

Acq: 20 Dec 2024 13:46

Instrument :

MSVOA_U

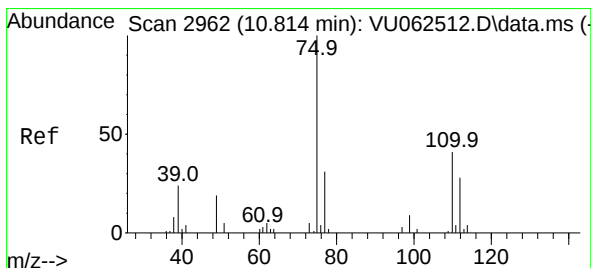
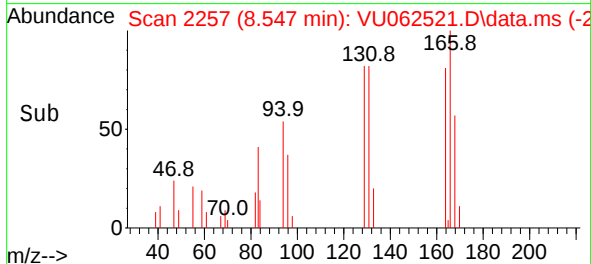
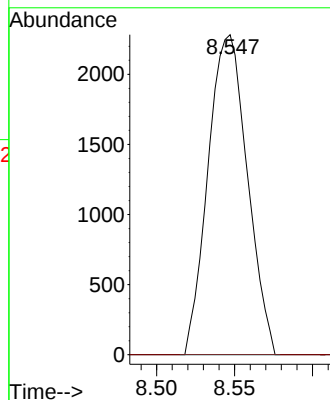
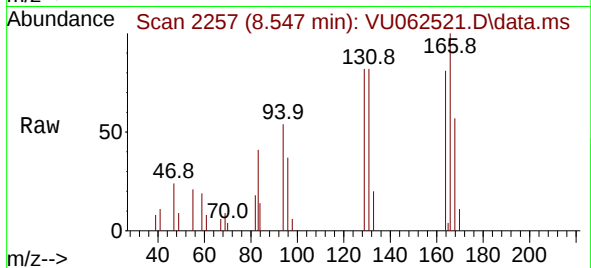
ClientSampleId :

Tgt Ion:129 Resp: 4003

Ion Ratio Lower Upper

129 100

127 0.0 51.1 94.9#



#61

1,2,3-Trichloropropane

Concen: 5.181 ug/L

RT: 10.518 min Scan# 2870

Delta R.T. -0.296 min

Lab File: VU062521.D

Acq: 20 Dec 2024 13:46

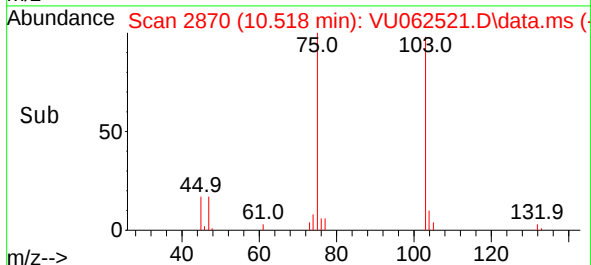
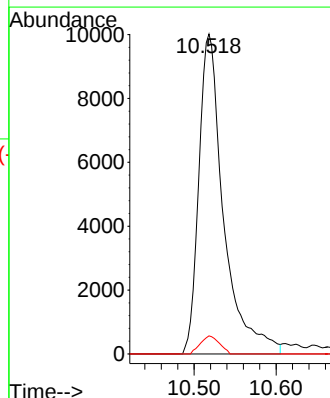
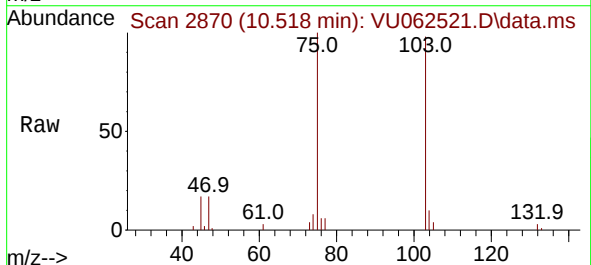
Tgt Ion: 75 Resp: 21016

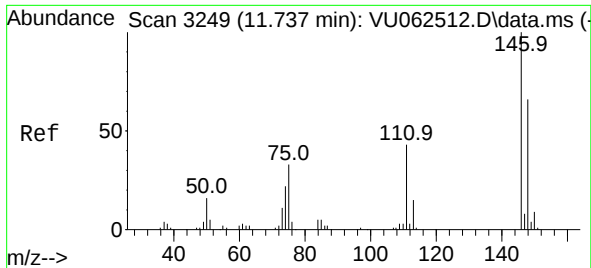
Ion Ratio Lower Upper

75 100

110 0.0 28.9 43.3#

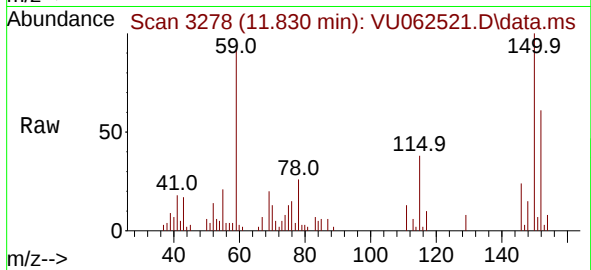
77 4.3 26.5 39.7#





#64
 1,3-Dichlorobenzene
 Concen: 0.144 ug/L
 RT: 11.830 min Scan# 31
 Delta R.T. 0.093 min
 Lab File: VU062521.D
 Acq: 20 Dec 2024 13:46

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:	146	Resp:	2102
Ion	Ratio	Lower	Upper
146	100		
111	53.5	30.7	57.1
148	64.3	45.1	83.7

