

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121724\
 Data File : VU062392.D
 Acq On : 17 Dec 2024 16:51
 Operator : MD/SY
 Sample : P5310-08
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 18 00:16:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Dec 18 00:11:18 2024
 Response via : Initial Calibration

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

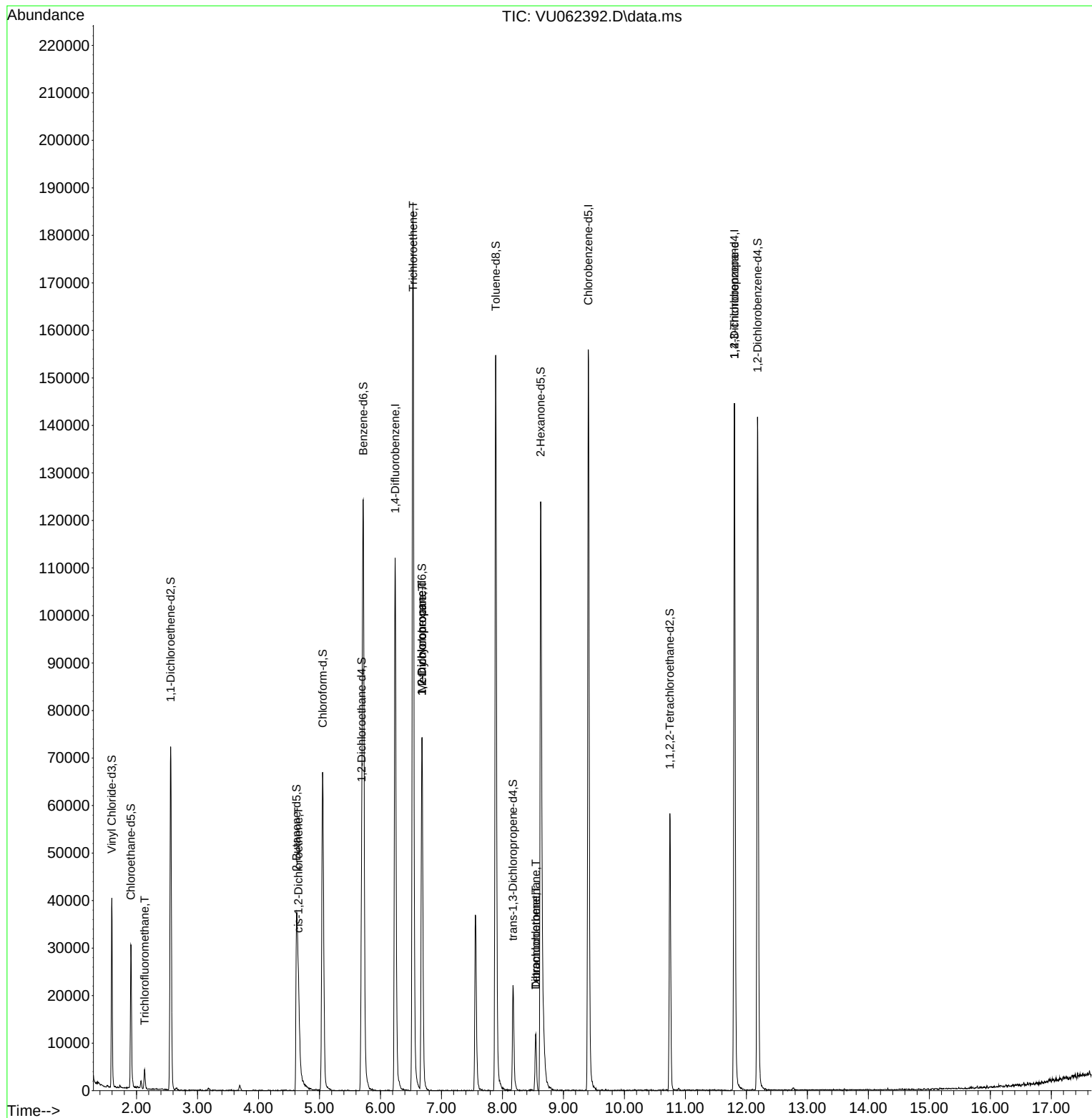
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	95453	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	91732	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	42414	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	27864	4.328	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.600%
7) Chloroethane-d5	1.907	69	21997	4.803	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.000%
11) 1,1-Dichloroethene-d2	2.560	65	14074	4.595	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.800%
20) 2-Butanone-d5	4.624	46	57836	46.872	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.740%
24) Chloroform-d	5.052	84	66511	4.773	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.400%
26) 1,2-Dichloroethane-d4	5.692	65	36269	5.293	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.800%
32) Benzene-d6	5.718	84	122031	4.619	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.400%
36) 1,2-Dichloropropane-d6	6.679	67	35486	4.694	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.800%
41) Toluene-d8	7.891	98	110599	4.431	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.600%
43) trans-1,3-Dichloroprop...	8.174	79	14797	4.447	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.000%
46) 2-Hexanone-d5	8.627	63	44068	43.899	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.800%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	27791	4.725	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.400%
66) 1,2-Dichlorobenzene-d4	12.183	152	41657	5.330	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.600%
Target Compounds						Qvalue
9) Trichlorofluoromethane	2.132	101	2501	0.197	ug/L	92
22) cis-1,2-Dichloroethene	4.656	96	5663	0.763	ug/L	89
34) Trichloroethene	6.534	95	65189	8.095	ug/L	94
35) Methylcyclohexane	6.682	83	9455	0.792	ug/L #	19
37) 1,2-Dichloropropane	6.679	63	4364	0.630	ug/L #	87
47) Tetrachloroethene	8.547	164	2806	0.451	ug/L	91
49) Dibromochloromethane	8.547	129	2654	0.420	ug/L #	13
61) 1,2,3-Trichloropropane	11.804	75	4352	1.110	ug/L #	67

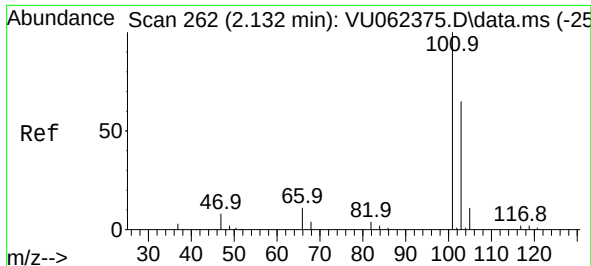
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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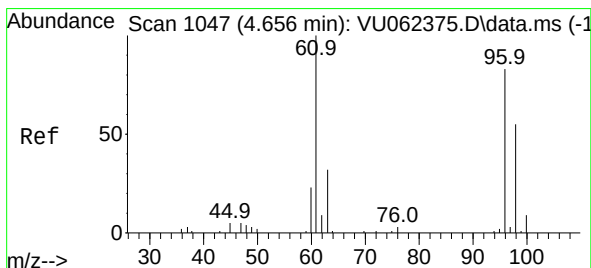
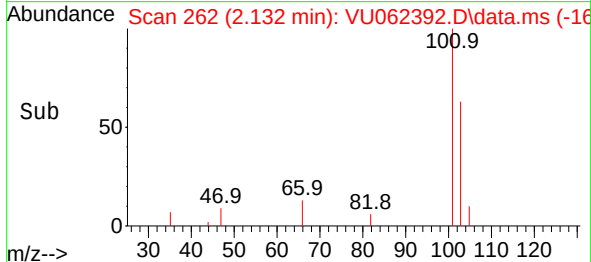
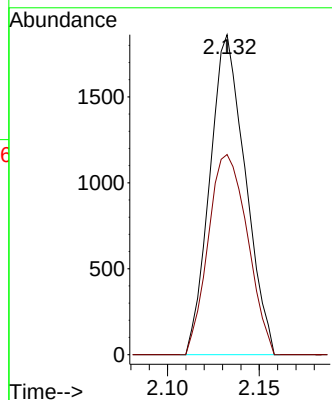
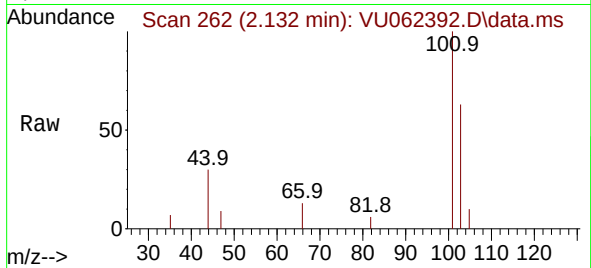




#9
Trichlorofluoromethane
Concen: 0.197 ug/L
RT: 2.132 min Scan# 20
Delta R.T. 0.000 min
Lab File: VU062392.D
Acq: 17 Dec 2024 16:51

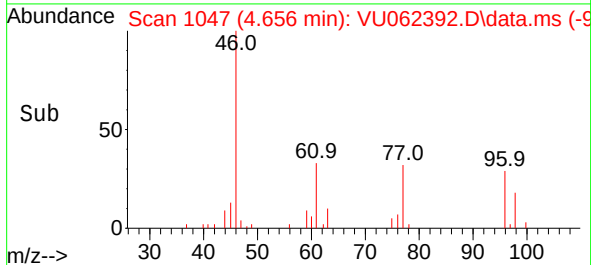
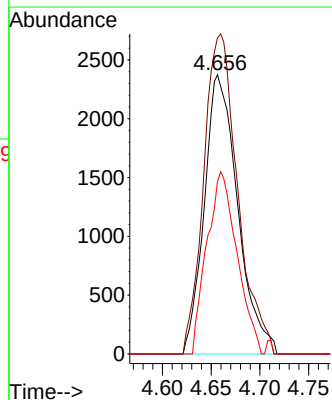
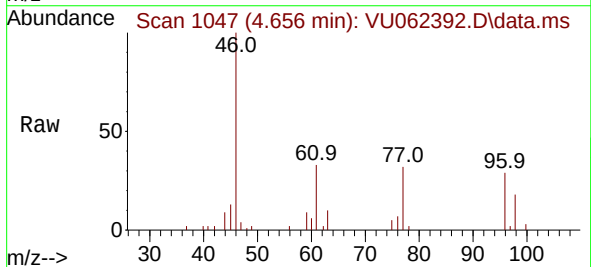
Instrument :
MSVOA_U
ClientSampleId :

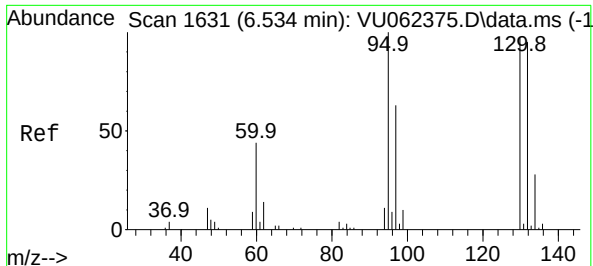
Tgt Ion:101 Resp: 2501
Ion Ratio Lower Upper
101 100
103 69.2 50.6 75.8



#22
cis-1,2-Dichloroethene
Concen: 0.763 ug/L
RT: 4.656 min Scan# 1047
Delta R.T. 0.000 min
Lab File: VU062392.D
Acq: 17 Dec 2024 16:51

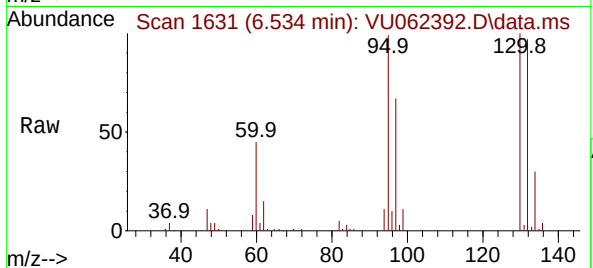
Tgt Ion: 96 Resp: 5663
Ion Ratio Lower Upper
96 100
61 113.2 92.0 170.8
98 61.8 44.5 82.7



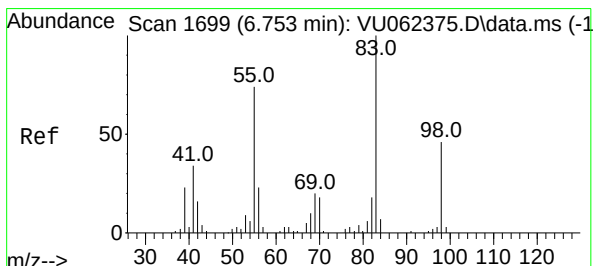
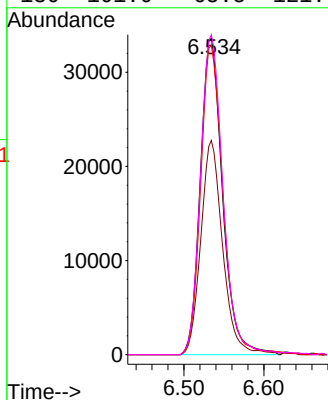
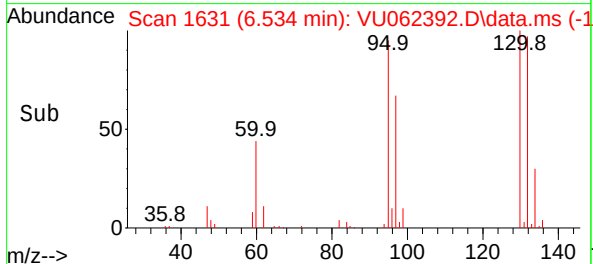


#34
Trichloroethene
Concen: 8.095 ug/L
RT: 6.534 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VU062392.D
Acq: 17 Dec 2024 16:51

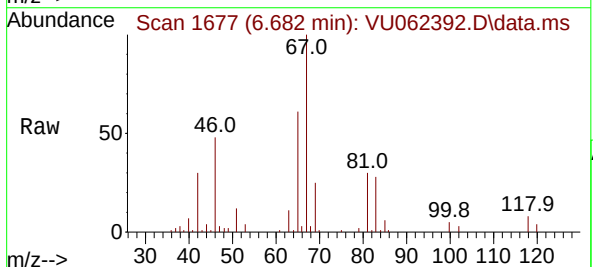
Instrument :
MSVOA_U
ClientSampleId :



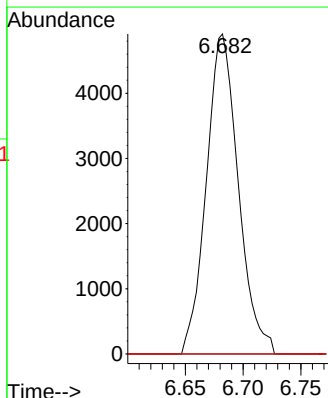
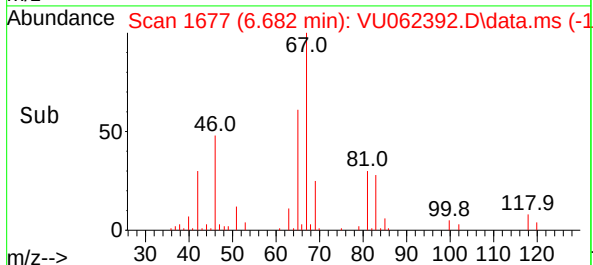
Tgt Ion:	95	Resp:	65189
Ion	Ratio	Lower	Upper
95	100		
97	67.6	45.9	85.3
132	97.7	63.8	118.4
130	101.0	65.5	121.7

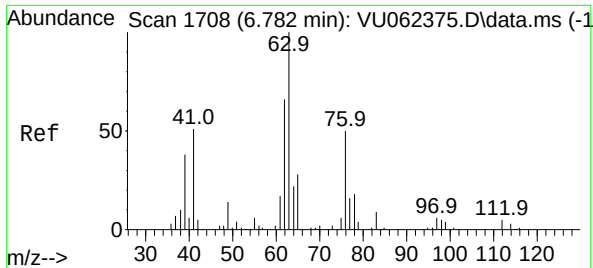


#35
Methylcyclohexane
Concen: 0.792 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.071 min
Lab File: VU062392.D
Acq: 17 Dec 2024 16:51



Tgt Ion:	83	Resp:	9455
Ion	Ratio	Lower	Upper
83	100		
55	0.0	60.7	91.1#
98	0.0	34.8	52.2#

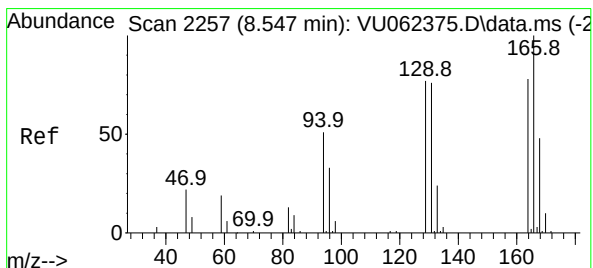
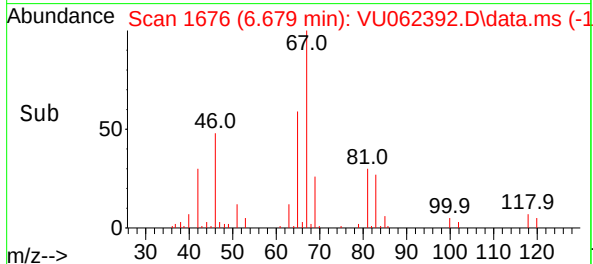
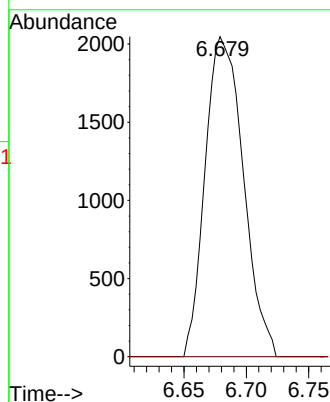
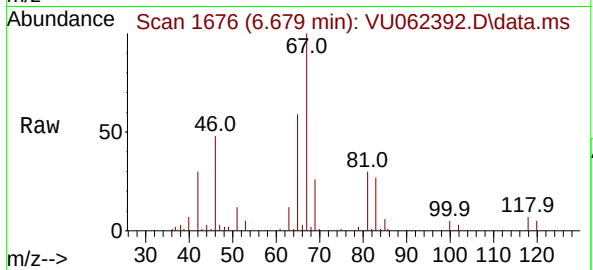




#37
1,2-Dichloropropane
Concen: 0.630 ug/L
RT: 6.679 min Scan# 1
Delta R.T. -0.103 min
Lab File: VU062392.D
Acq: 17 Dec 2024 16:51

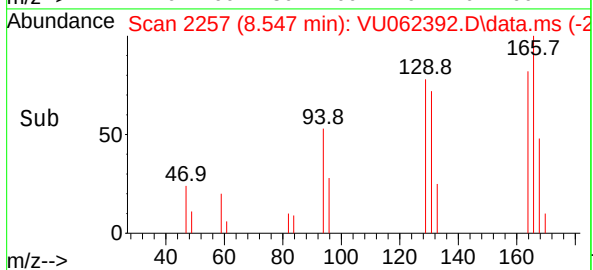
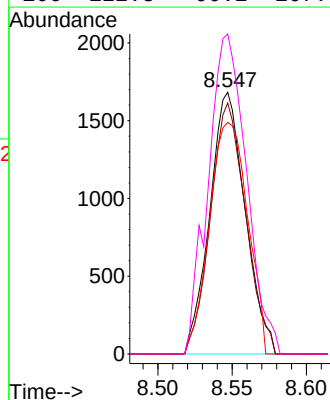
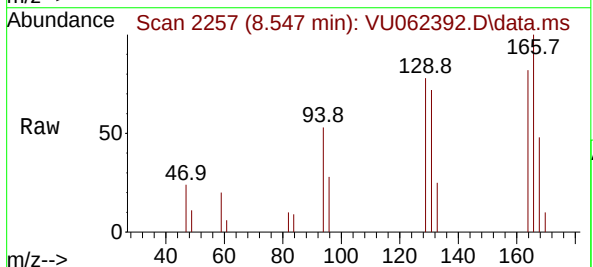
Instrument :
MSVOA_U
ClientSampleId :

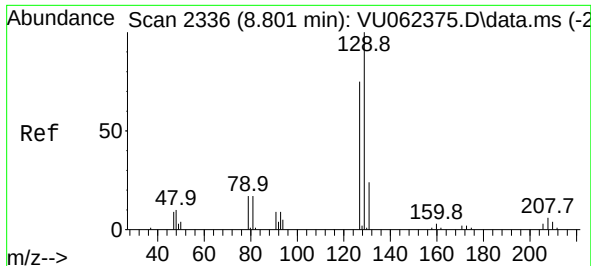
Tgt Ion: 63 Resp: 4364
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



#47
Tetrachloroethene
Concen: 0.451 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU062392.D
Acq: 17 Dec 2024 16:51

Tgt Ion:164 Resp: 2806
Ion Ratio Lower Upper
164 100
129 95.9 73.2 136.0
131 88.5 72.3 134.3
166 122.3 90.2 167.4





#49

Dibromochloromethane

Concen: 0.420 ug/L

RT: 8.547 min Scan# 21

Delta R.T. -0.254 min

Lab File: VU062392.D

Acq: 17 Dec 2024 16:51

Instrument :

MSVOA_U

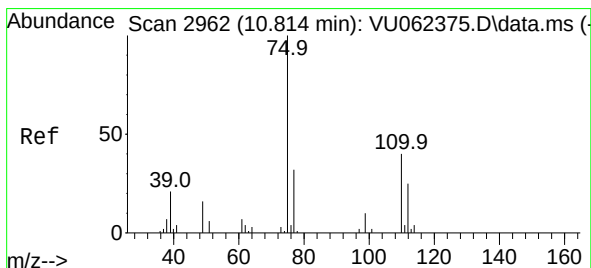
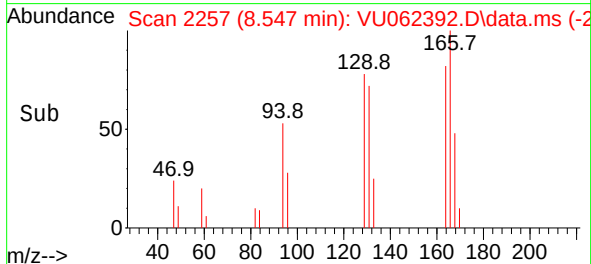
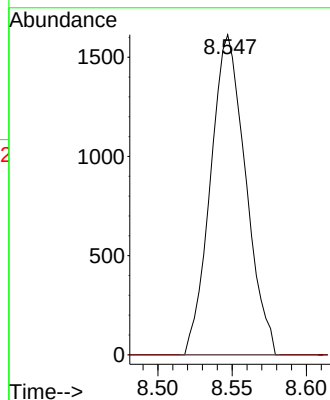
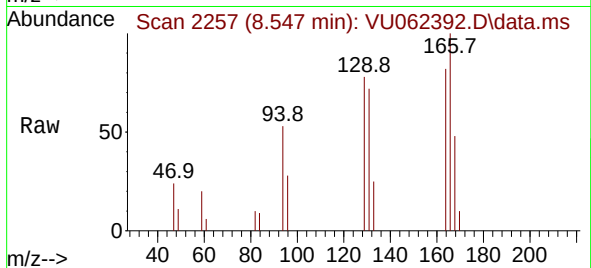
ClientSampleId :

Tgt Ion:129 Resp: 2654

Ion Ratio Lower Upper

129 100

127 0.0 51.1 94.9#



#61

1,2,3-Trichloropropane

Concen: 1.110 ug/L

RT: 11.804 min Scan# 3270

Delta R.T. 0.990 min

Lab File: VU062392.D

Acq: 17 Dec 2024 16:51

Tgt Ion: 75 Resp: 4352

Ion Ratio Lower Upper

75 100

110 1.6 28.9 43.3#

77 36.3 26.5 39.7

