

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122024\
 Data File : VU062547.D
 Acq On : 21 Dec 2024 02:07
 Operator : MD/SY
 Sample : P5344-04
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0CE6

Quant Time: Dec 21 03:38:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 20 23:41:56 2024
 Response via : Initial Calibration

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

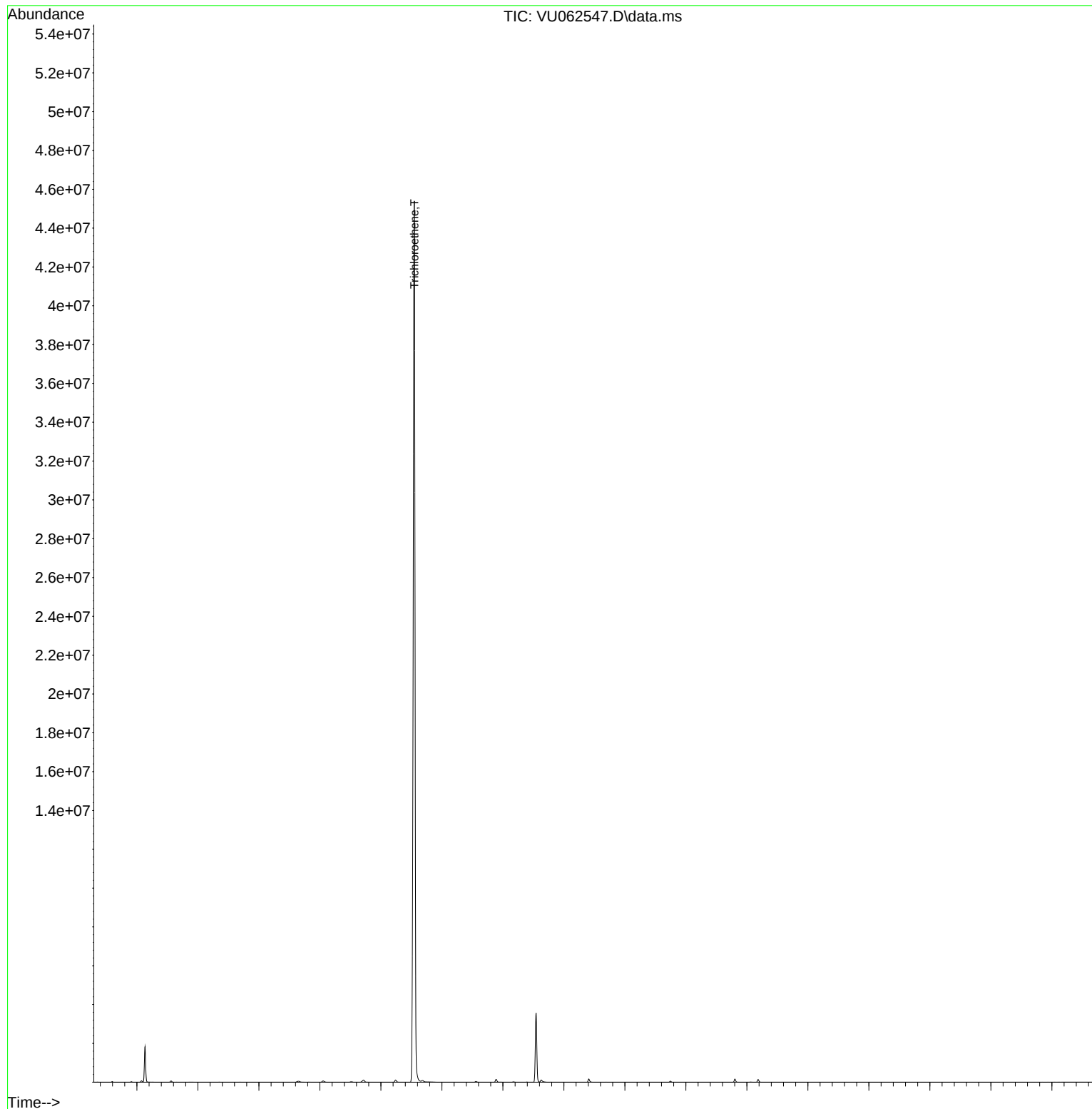
Internal Standards						
1) 1,4-Difluorobenzene	6.239	114	96058	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	93398	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	44819	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	22626	3.492	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.800%
7) Chloroethane-d5	1.908	69	18976	4.118	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.400%
11) 1,1-Dichloroethene-d2	2.560	65	12502	4.056	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.200%
20) 2-Butanone-d5	4.631	46	49886	40.175	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	80.340%
24) Chloroform-d	5.052	84	61974	4.420	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.400%
26) 1,2-Dichloroethane-d4	5.692	65	33821	4.905	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.000%
32) Benzene-d6	5.718	84	104132	3.871	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.400%
36) 1,2-Dichloropropane-d6	6.682	67	29111	3.782	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	75.600%
41) Toluene-d8	7.888	98	102139	4.019	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.400%
43) trans-1,3-Dichloroprop...	8.171	79	13411	3.959	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.200%
46) 2-Hexanone-d5	8.628	63	40354	39.482	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	78.960%
56) 1,1,2,2-Tetrachloroeth...	10.747	84	24107	4.025	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	80.600%
66) 1,2-Dichlorobenzene-d4	12.184	152	38233	4.629	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.600%
Target Compounds						Qvalue
9) Trichlorofluoromethane	2.133	101	1207242	94.719	ug/L	97
13) Acetone	2.657	43	3735	4.418	ug/L	92
18) trans-1,2-Dichloroethene	3.348	96	2482	0.372	ug/L	72
22) cis-1,2-Dichloroethene	4.654	96	19797	2.650	ug/L	92
25) Chloroform	5.075	83	7718	0.561	ug/L	99
31) Carbon tetrachloride	5.512	117	19122	1.587	ug/L	97
34) Trichloroethene	6.547	95	16755220	2043.622	ug/L	95
42) Toluene	7.965	91	6029	0.193	ug/L	88
45) 1,1,2-Trichloroethane	8.393	97	2825	0.531	ug/L	89
47) Tetrachloroethene	8.544	164	776901	122.727	ug/L	95
51) Chlorobenzene	9.441	112	4494	0.225	ug/L	92

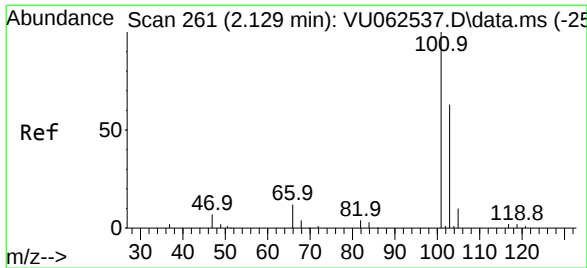
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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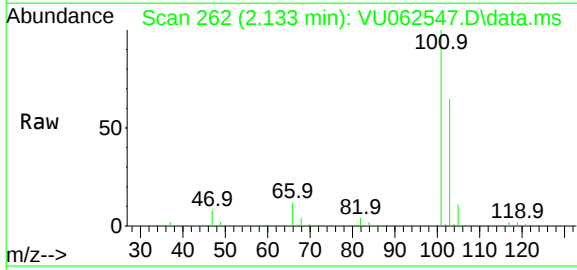
Quant Time: Dec 21 03:38:56 2024
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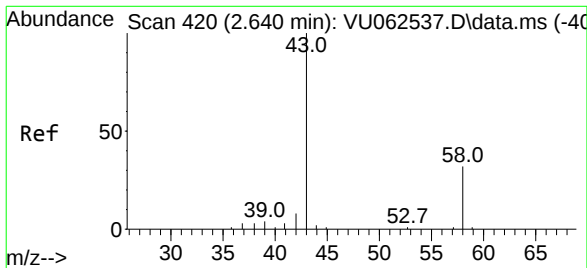
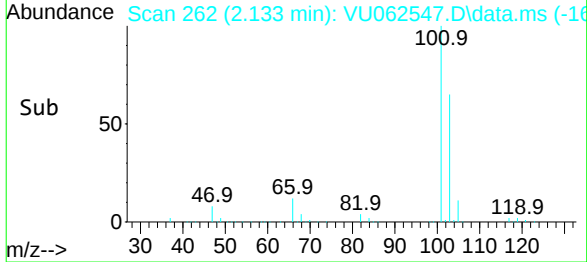
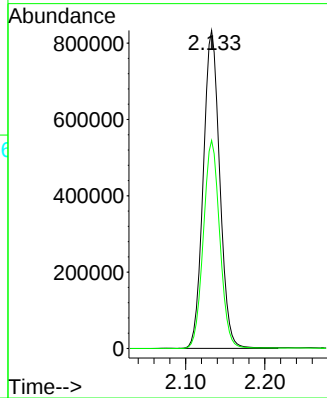


#9
Trichlorofluoromethane
Concen: 94.719 ug/L
RT: 2.133 min Scan# 261
Delta R.T. 0.004 min
Lab File: VU062547.D
Acq: 21 Dec 2024 02:07

Instrument :
MSVOA_U
ClientSampleId :
C0CE6

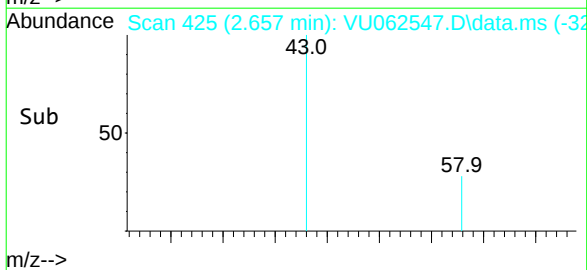
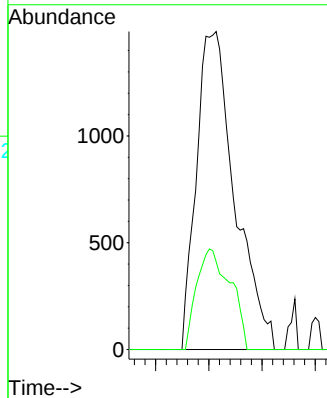
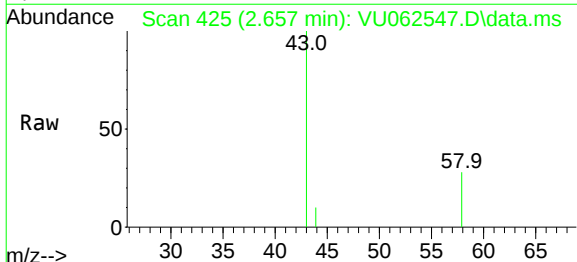


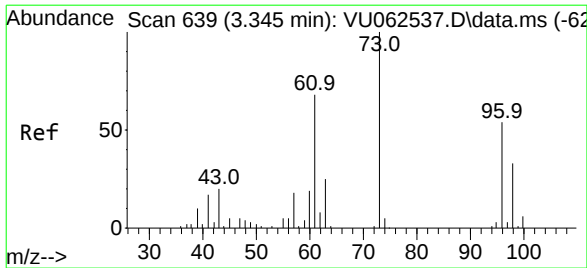
Tgt Ion:101 Resp: 1207242
Ion Ratio Lower Upper
101 100
103 65.3 50.6 75.8



#13
Acetone
Concen: 4.418 ug/L
RT: 2.657 min Scan# 425
Delta R.T. 0.016 min
Lab File: VU062547.D
Acq: 21 Dec 2024 02:07

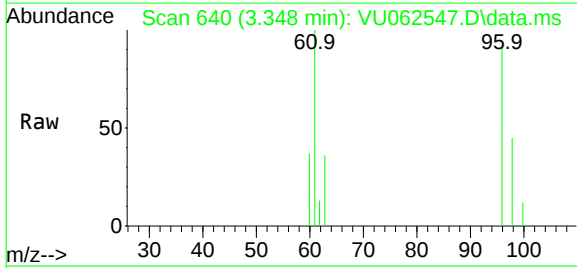
Tgt Ion: 43 Resp: 3735
Ion Ratio Lower Upper
43 100
58 27.7 0.0 64.0



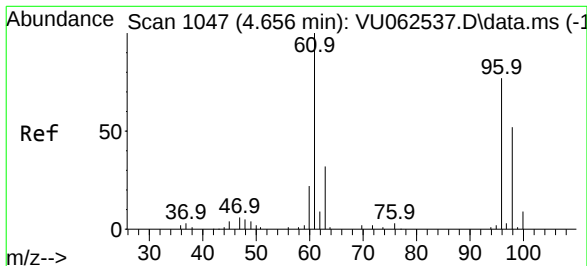
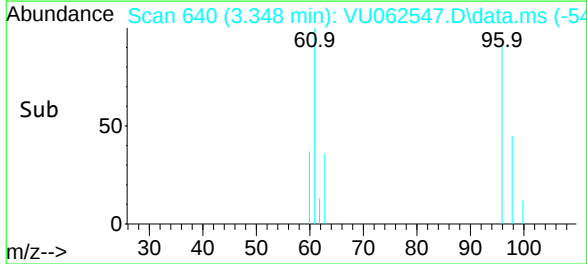
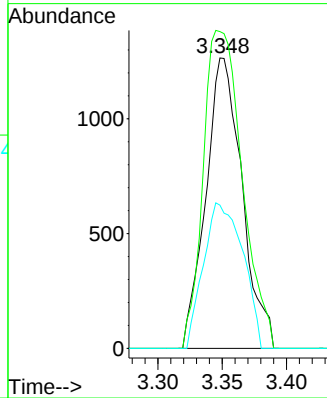


#18
trans-1,2-Dichloroethene
Concen: 0.372 ug/L
RT: 3.348 min Scan# 64
Delta R.T. 0.004 min
Lab File: VU062547.D
Acq: 21 Dec 2024 02:07

Instrument :
MSVOA_U
ClientSampleId :
C0CE6

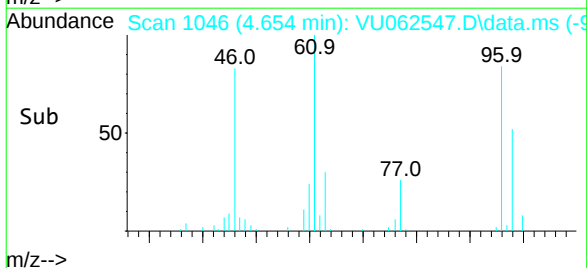
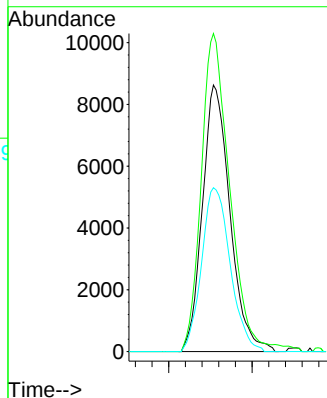
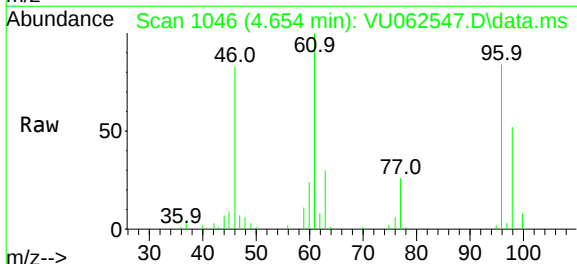


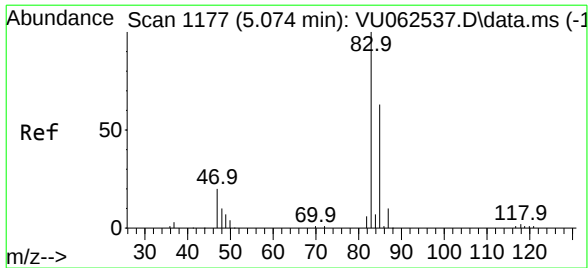
Tgt Ion: 96 Resp: 2482
Ion Ratio Lower Upper
96 100
61 109.1 104.2 193.4
98 49.3 45.7 84.9



#22
cis-1,2-Dichloroethene
Concen: 2.650 ug/L
RT: 4.654 min Scan# 1046
Delta R.T. -0.003 min
Lab File: VU062547.D
Acq: 21 Dec 2024 02:07

Tgt Ion: 96 Resp: 19797
Ion Ratio Lower Upper
96 100
61 119.3 92.0 170.8
98 61.5 44.5 82.7

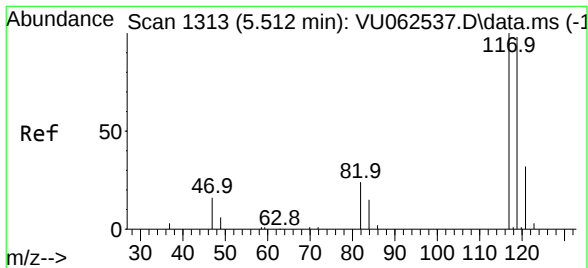
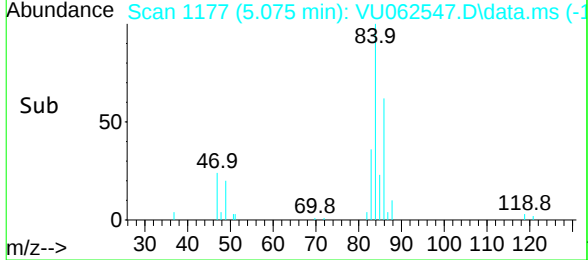
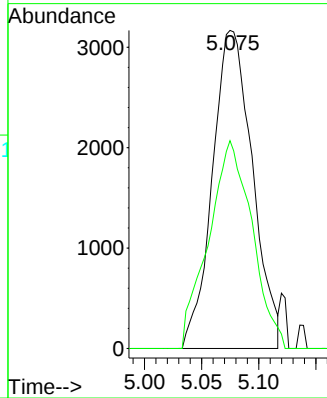
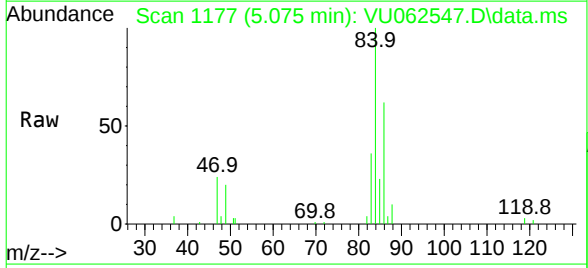




#25
Chloroform
Concen: 0.561 ug/L
RT: 5.075 min Scan# 1177
Delta R.T. 0.000 min
Lab File: VU062547.D
Acq: 21 Dec 2024 02:07

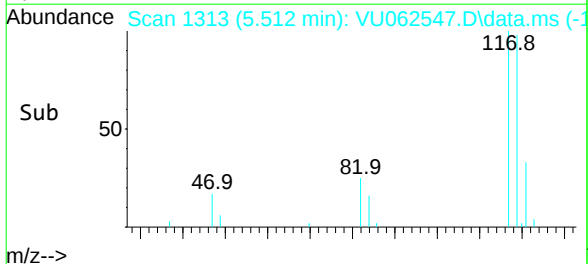
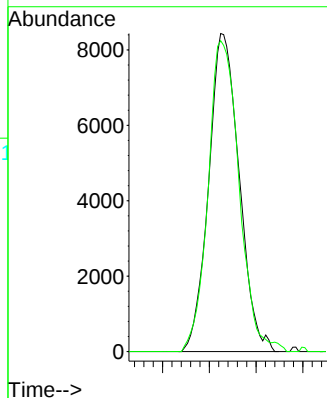
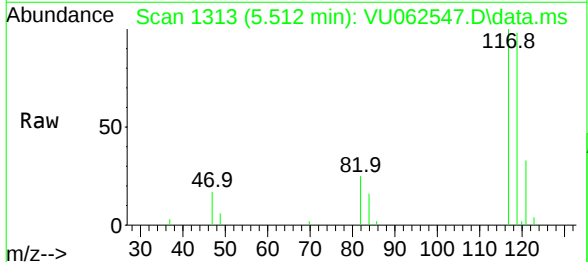
Instrument :
MSVOA_U
ClientSampleId :
C0CE6

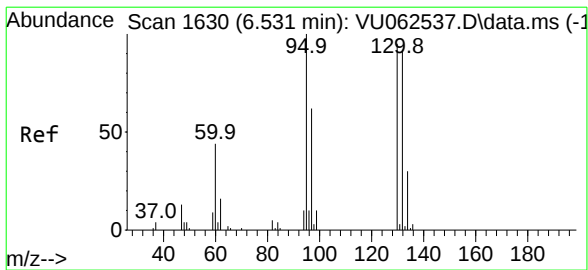
Tgt Ion: 83 Resp: 7718
Ion Ratio Lower Upper
83 100
85 65.3 45.4 84.2



#31
Carbon tetrachloride
Concen: 1.587 ug/L
RT: 5.512 min Scan# 1313
Delta R.T. 0.000 min
Lab File: VU062547.D
Acq: 21 Dec 2024 02:07

Tgt Ion: 117 Resp: 19122
Ion Ratio Lower Upper
117 100
119 99.4 77.5 116.3





#34

Trichloroethene

Concen: 2043.622 ug/L

RT: 6.547 min Scan# 16

Delta R.T. 0.016 min

Lab File: VU062547.D

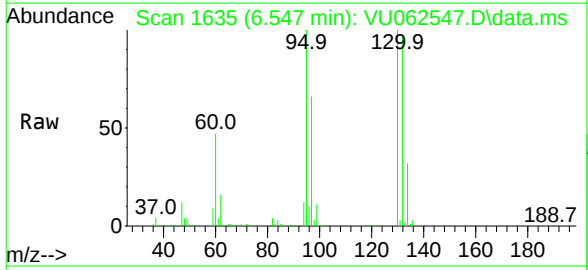
Acq: 21 Dec 2024 02:07

Instrument :

MSVOA_U

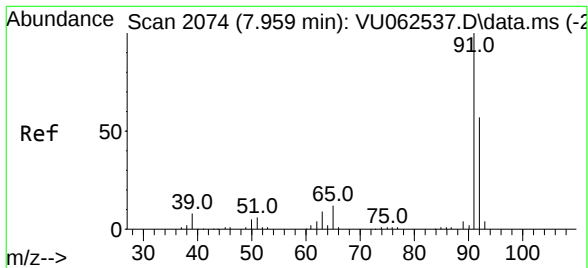
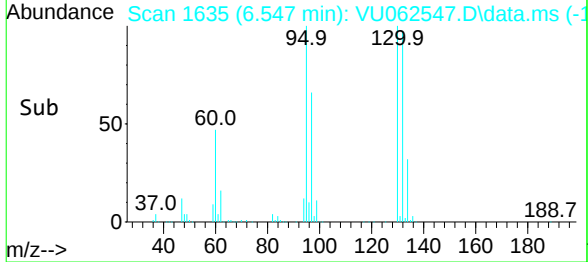
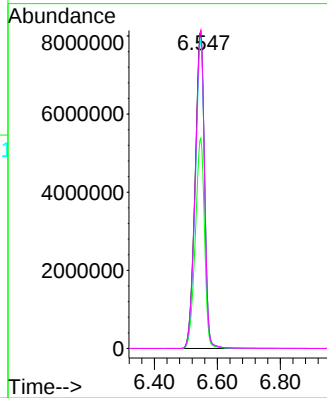
ClientSampleId :

C0CE6



Tgt Ion: 95 Resp:16755220

Ion	Ratio	Lower	Upper
95	100		
97	66.3	45.9	85.3
132	97.3	63.8	118.4
130	100.4	65.5	121.7



#42

Toluene

Concen: 0.193 ug/L

RT: 7.965 min Scan# 2076

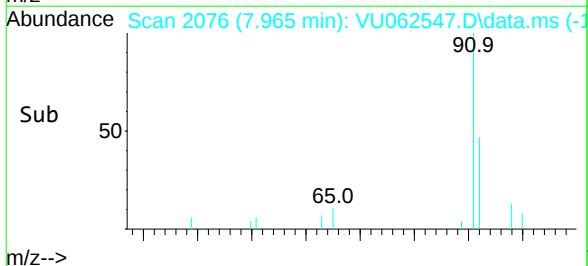
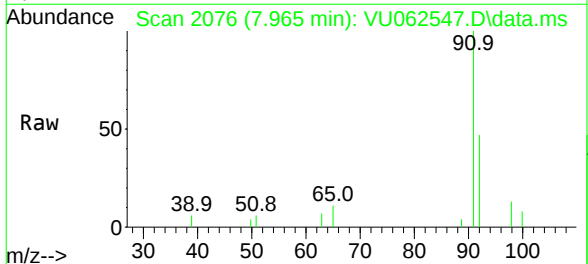
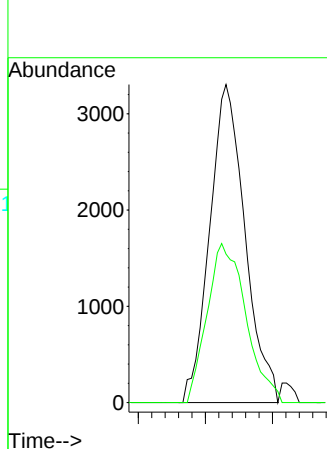
Delta R.T. 0.007 min

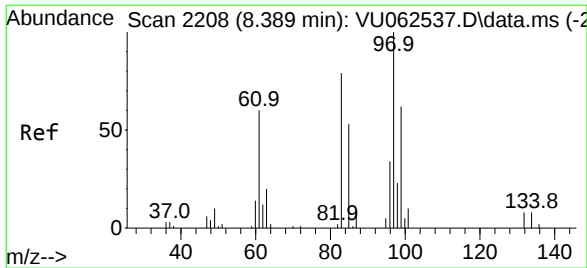
Lab File: VU062547.D

Acq: 21 Dec 2024 02:07

Tgt Ion: 91 Resp: 6029

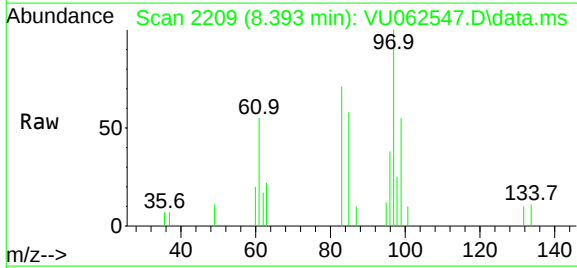
Ion	Ratio	Lower	Upper
91	100		
92	46.7	39.0	72.4



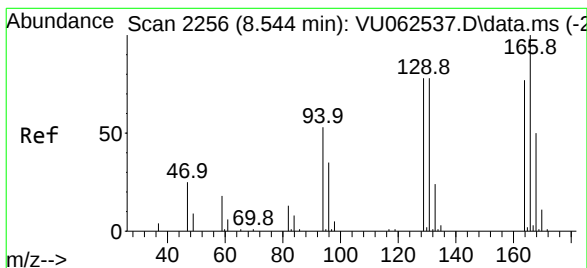
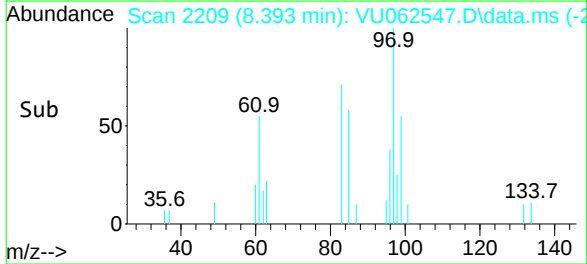
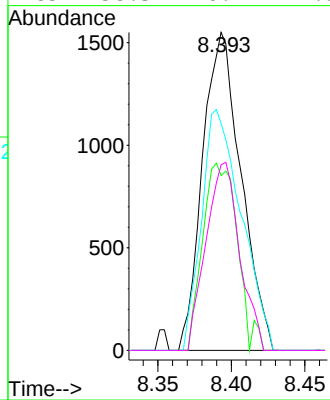


#45
1,1,2-Trichloroethane
Concen: 0.531 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. 0.004 min
Lab File: VU062547.D
Acq: 21 Dec 2024 02:07

Instrument :
MSVOA_U
ClientSampleId :
C0CE6

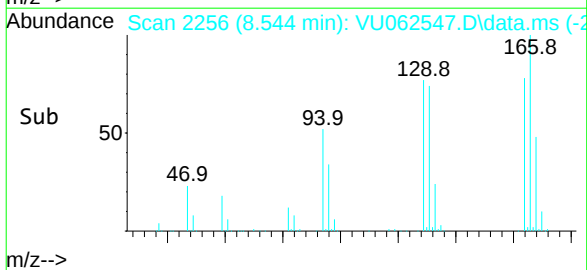
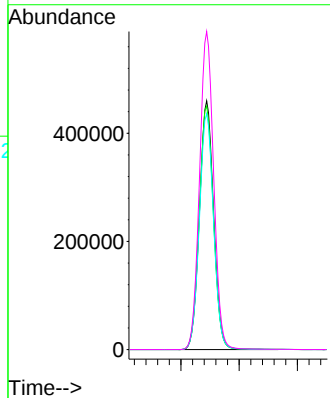
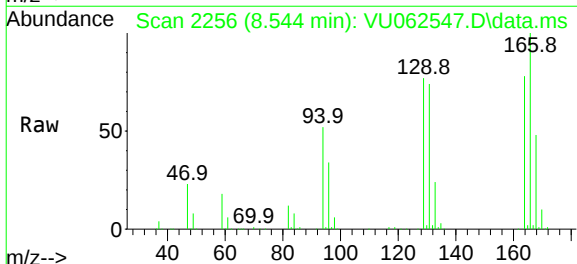


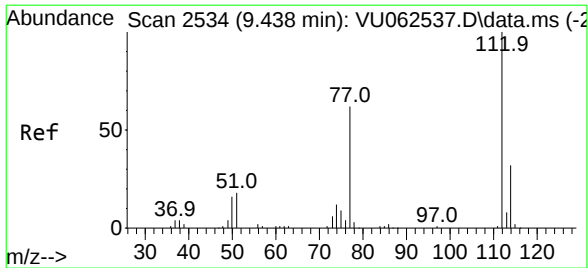
Tgt Ion:	97	Resp:	2825
Ion	Ratio	Lower	Upper
97	100		
99	55.0	43.0	79.8
83	71.4	61.7	114.5
85	58.3	40.1	74.5



#47
Tetrachloroethene
Concen: 122.727 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. 0.000 min
Lab File: VU062547.D
Acq: 21 Dec 2024 02:07

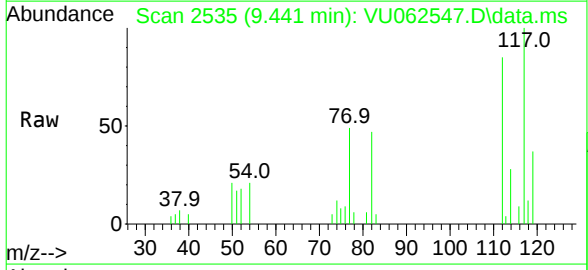
Tgt Ion:	164	Resp:	776901
Ion	Ratio	Lower	Upper
164	100		
129	97.9	73.2	136.0
131	94.8	72.3	134.3
166	127.9	90.2	167.4





#51
 Chlorobenzene
 Concen: 0.225 ug/L
 RT: 9.441 min Scan# 25
 Delta R.T. 0.004 min
 Lab File: VU062547.D
 Acq: 21 Dec 2024 02:07

Instrument :
 MSVOA_U
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Tgt Ion:112 Resp: 4494

Ion	Ratio	Lower	Upper
112	100		
114	31.7	23.0	42.6
77	55.0	50.5	75.7

