

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121724\
 Data File : VU062417.D
 Acq On : 18 Dec 2024 04:20
 Operator : MD/SY
 Sample : P5309-13
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0CJ2

Quant Time: Dec 18 06:55:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Dec 18 01:12:26 2024
 Response via : Initial Calibration

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

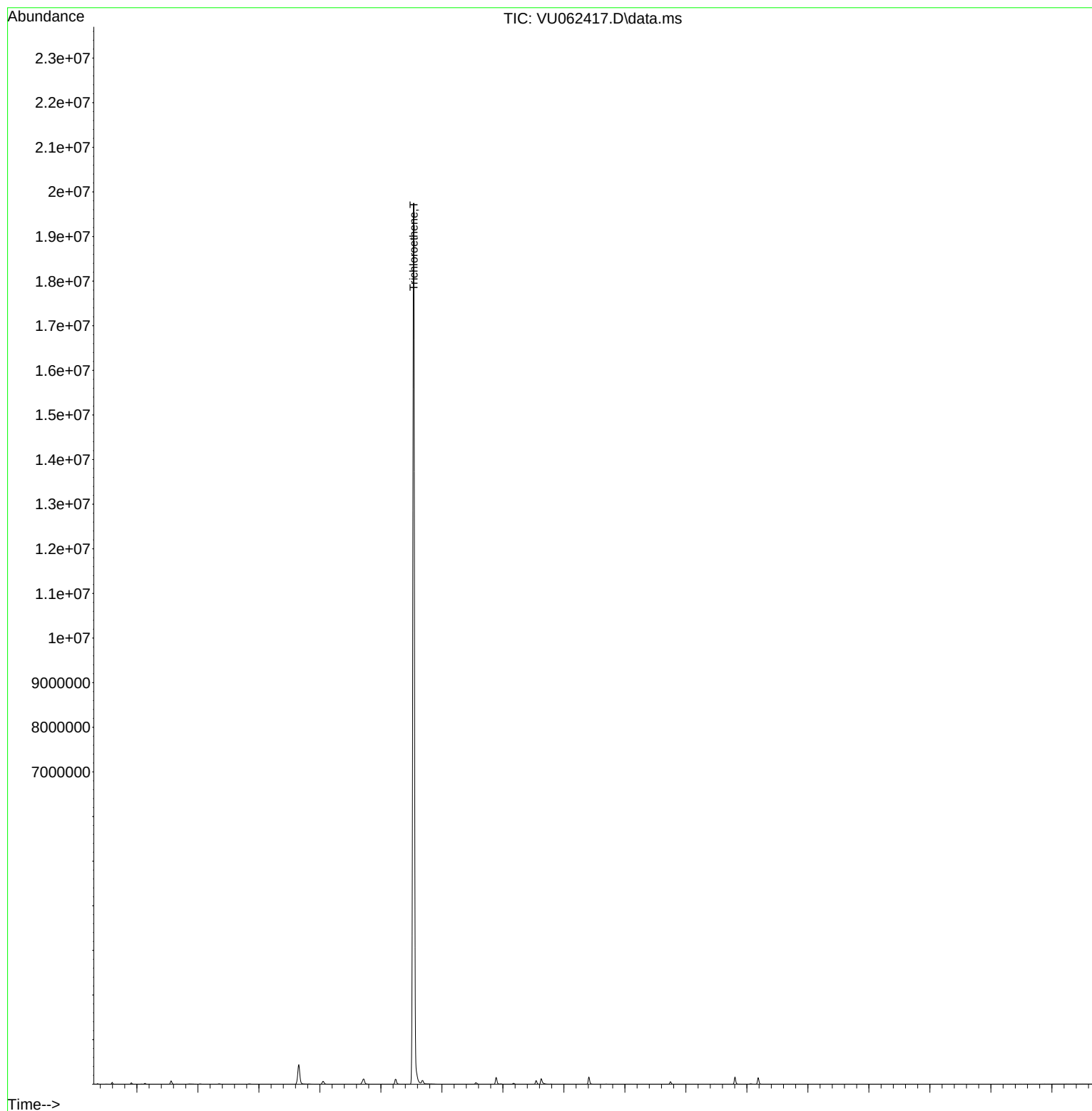
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	98510	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	92871	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	45238	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	25566	3.848	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.000%
7) Chloroethane-d5	1.908	69	21494	4.548	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.000%
11) 1,1-Dichloroethene-d2	2.557	65	13072	4.135	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.800%
20) 2-Butanone-d5	4.628	46	58060	45.594	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.180%
24) Chloroform-d	5.052	84	64685	4.498	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.000%
26) 1,2-Dichloroethane-d4	5.692	65	34549	4.886	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.800%
32) Benzene-d6	5.718	84	118136	4.417	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.400%
36) 1,2-Dichloropropane-d6	6.682	67	32849	4.292	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.800%
41) Toluene-d8	7.888	98	108896	4.310	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.200%
43) trans-1,3-Dichloroprop...	8.174	79	13540	4.019	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.400%
46) 2-Hexanone-d5	8.628	63	42129	41.453	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.900%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	26778	4.496	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.000%
66) 1,2-Dichlorobenzene-d4	12.184	152	40939	4.911	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.200%
Target Compounds						
9) Trichlorofluoromethane	2.133	101	12681	0.970	ug/L	98
12) 1,1-Dichloroethene	2.573	96	3985	0.599	ug/L #	1
16) Methylene chloride	3.039	84	3653	0.523	ug/L	85
18) trans-1,2-Dichloroethene	3.351	96	4374	0.640	ug/L	84
22) cis-1,2-Dichloroethene	4.653	96	233570	30.492	ug/L	93
34) Trichloroethene	6.538	95	6925824	849.531	ug/L	94
47) Tetrachloroethene	8.544	164	18017	2.862	ug/L	94

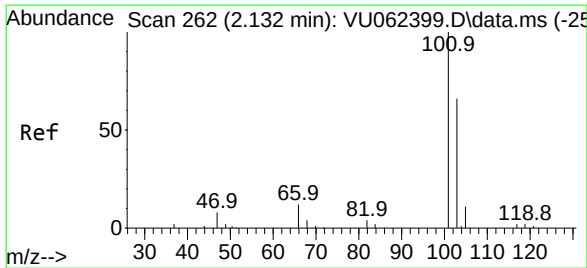
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121724\
Data File : VU062417.D
Acq On : 18 Dec 2024 04:20
Operator : MD/SY
Sample : P5309-13
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0CJ2

Quant Time: Dec 18 06:55:37 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Dec 18 01:12:26 2024
Response via : Initial Calibration

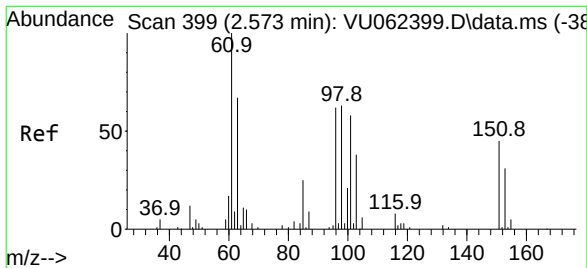
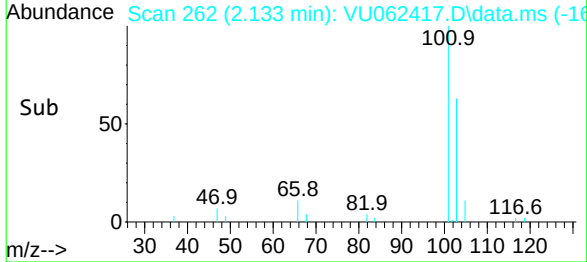
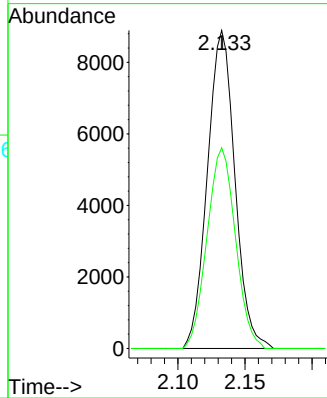
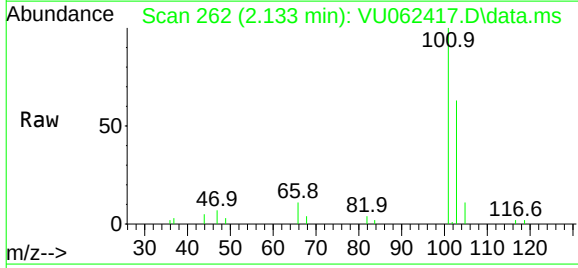




#9
Trichlorofluoromethane
Concen: 0.970 ug/L
RT: 2.133 min Scan# 262
Delta R.T. 0.000 min
Lab File: VU062417.D
Acq: 18 Dec 2024 04:20

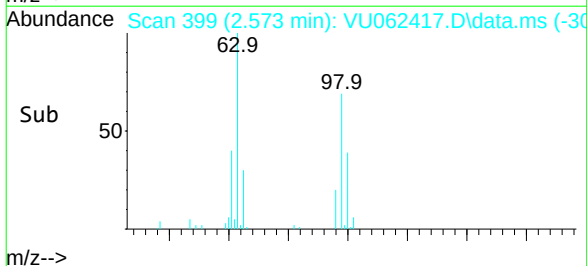
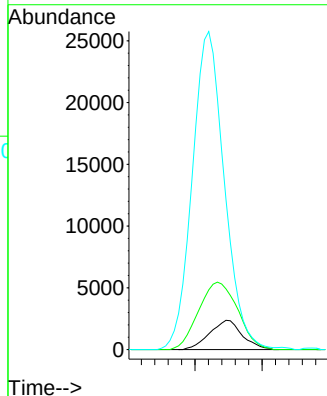
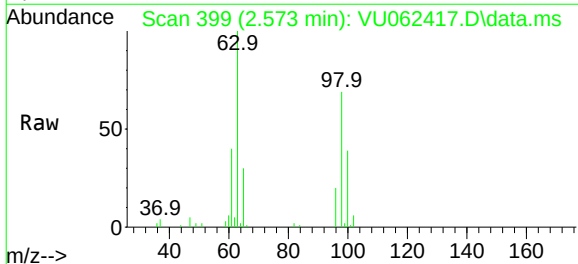
Instrument :
MSVOA_U
ClientSampleId :
C0CJ2

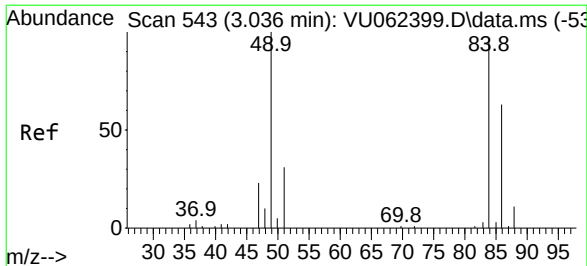
Tgt Ion:101 Resp: 12681
Ion Ratio Lower Upper
101 100
103 65.1 50.6 75.8



#12
1,1-Dichloroethene
Concen: 0.599 ug/L
RT: 2.573 min Scan# 399
Delta R.T. 0.000 min
Lab File: VU062417.D
Acq: 18 Dec 2024 04:20

Tgt Ion: 96 Resp: 3985
Ion Ratio Lower Upper
96 100
61 207.1 119.6 222.2
63 511.5 65.0 120.6#





#16

Methylene chloride

Concen: 0.523 ug/L

RT: 3.039 min Scan# 54

Delta R.T. 0.003 min

Lab File: VU062417.D

Acq: 18 Dec 2024 04:20

Instrument :

MSVOA_U

ClientSampleId :

C0CJ2

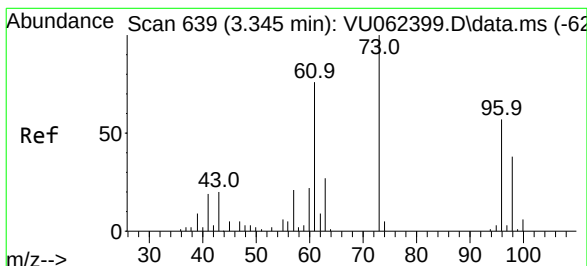
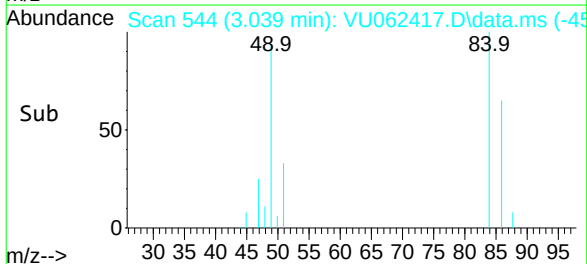
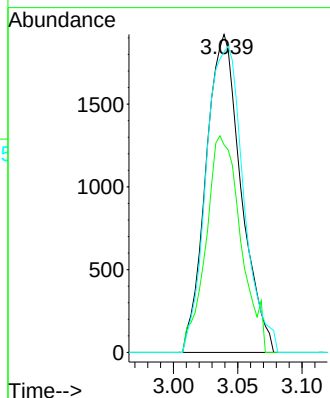
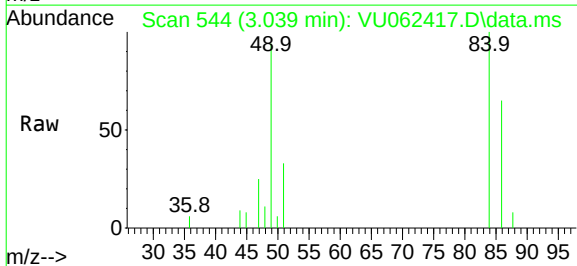
Tgt Ion: 84 Resp: 3653

Ion Ratio Lower Upper

84 100

86 65.3 43.5 80.7

49 94.5 81.9 152.1



#18

trans-1,2-Dichloroethene

Concen: 0.640 ug/L

RT: 3.351 min Scan# 641

Delta R.T. 0.007 min

Lab File: VU062417.D

Acq: 18 Dec 2024 04:20

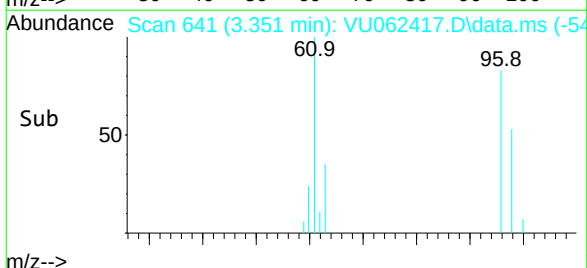
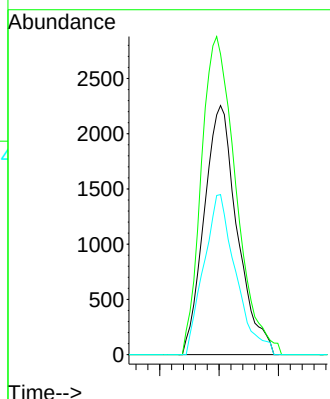
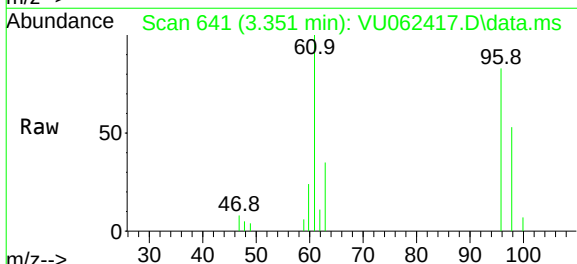
Tgt Ion: 96 Resp: 4374

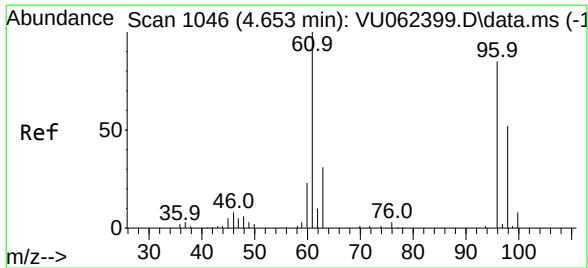
Ion Ratio Lower Upper

96 100

61 120.7 104.2 193.4

98 64.3 45.7 84.9

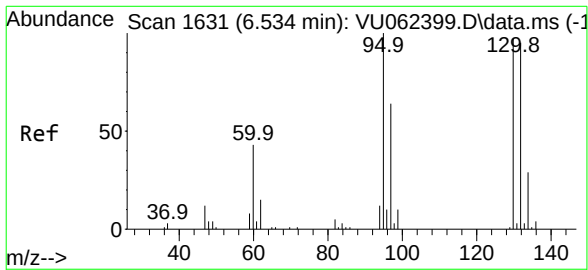
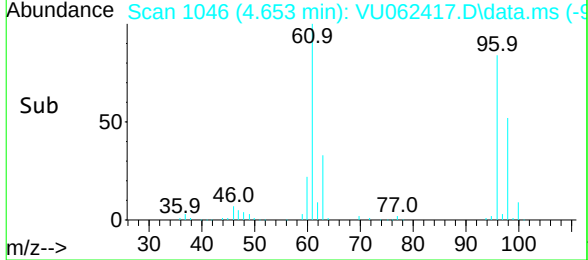
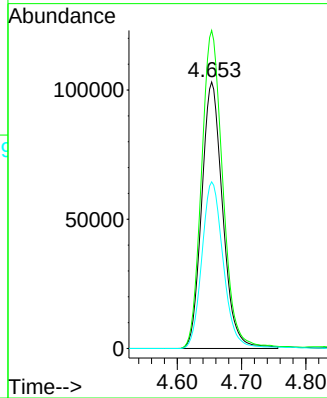
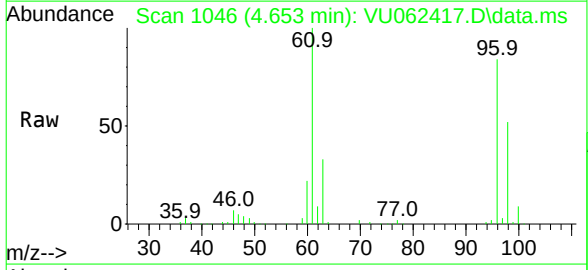




#22
 cis-1,2-Dichloroethene
 Concen: 30.492 ug/L
 RT: 4.653 min Scan# 1046
 Delta R.T. 0.000 min
 Lab File: VU062417.D
 Acq: 18 Dec 2024 04:20

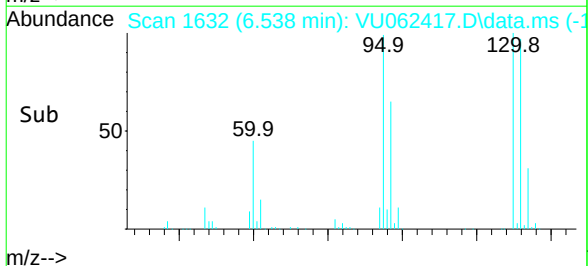
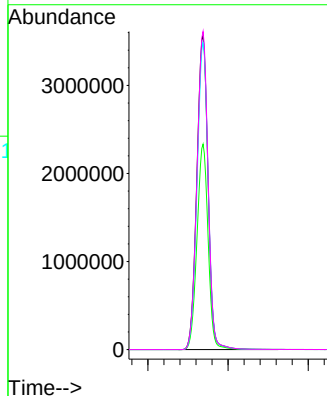
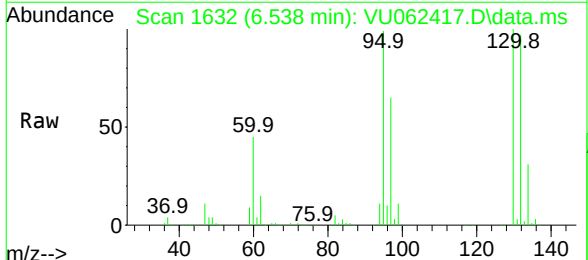
Instrument :
 MSVOA_U
 ClientSampleId :
 C0CJ2

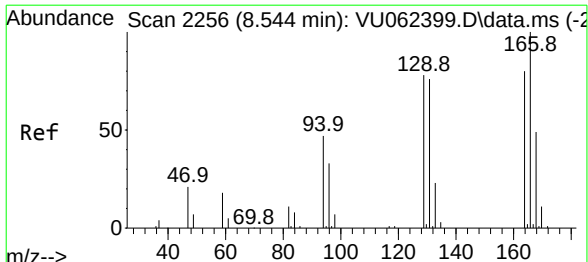
Tgt Ion:	96	Resp:	233570
Ion	Ratio	Lower	Upper
96	100		
61	119.4	92.0	170.8
98	62.5	44.5	82.7



#34
 Trichloroethene
 Concen: 849.531 ug/L
 RT: 6.538 min Scan# 1632
 Delta R.T. 0.003 min
 Lab File: VU062417.D
 Acq: 18 Dec 2024 04:20

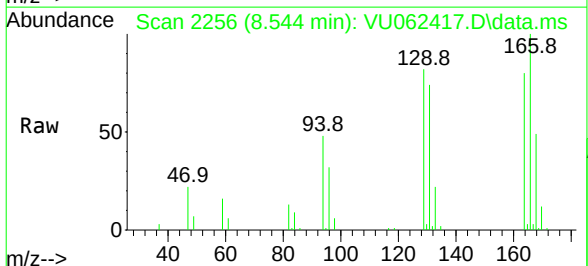
Tgt Ion:	95	Resp:	6925824
Ion	Ratio	Lower	Upper
95	100		
97	65.4	45.9	85.3
132	97.8	63.8	118.4
130	101.2	65.5	121.7





#47
 Tetrachloroethene
 Concen: 2.862 ug/L
 RT: 8.544 min Scan# 22
 Delta R.T. 0.000 min
 Lab File: VU062417.D
 Acq: 18 Dec 2024 04:20

Instrument :
 MSVOA_U
 ClientSampleId :
 C0CJ2



Tgt Ion:	164	Resp:	18017
Ion	Ratio	Lower	Upper
164	100		
129	101.6	73.2	136.0
131	91.4	72.3	134.3
166	124.3	90.2	167.4

