

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121724\
 Data File : VU062416.D
 Acq On : 18 Dec 2024 03:55
 Operator : MD/SY
 Sample : P5309-12
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0CJ1

Quant Time: Dec 18 06:53:44 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)

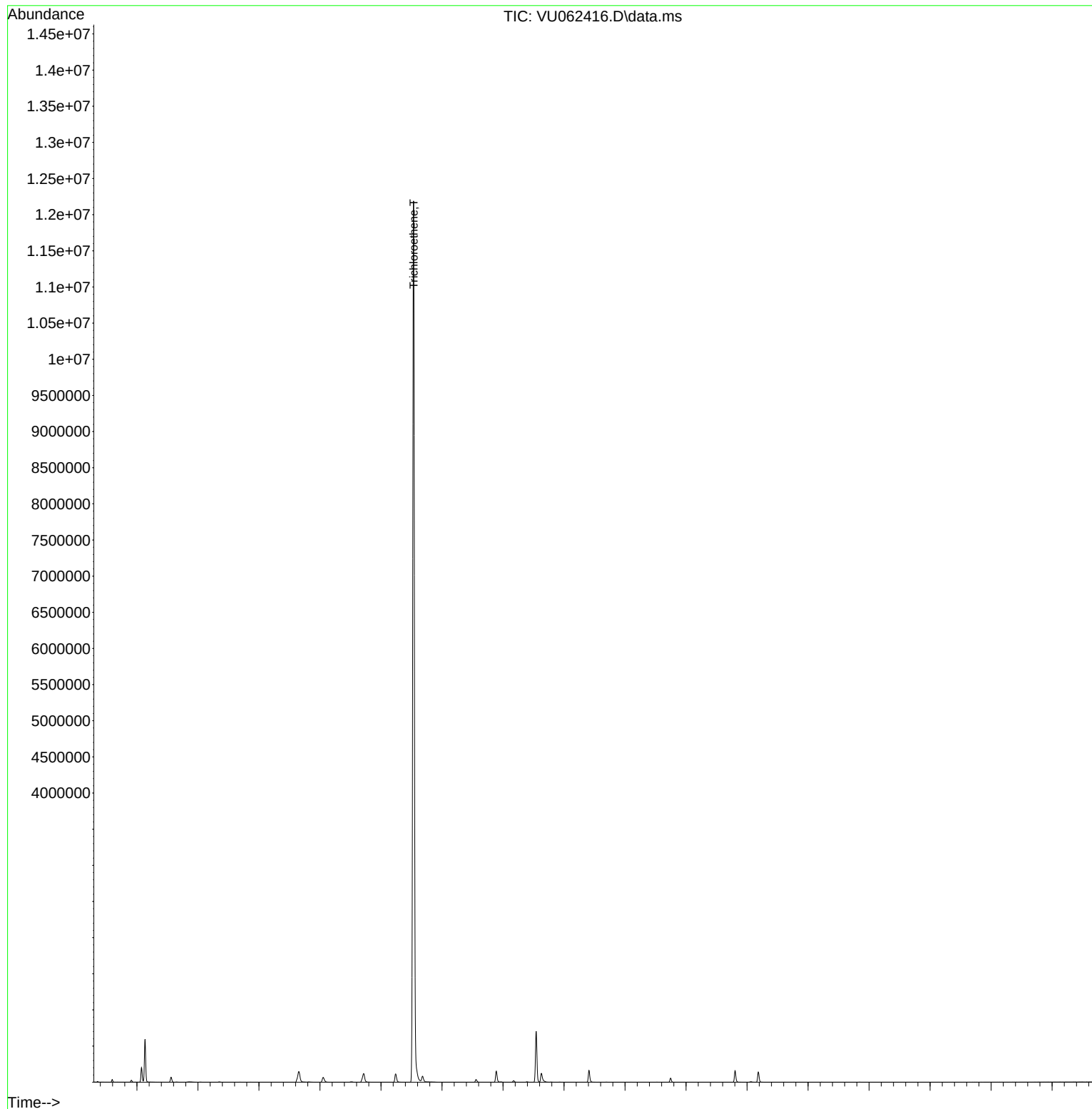
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	100490	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	93910	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	45606	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	25257	3.726	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.600%
7) Chloroethane-d5	1.911	69	20797	4.314	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.200%
11) 1,1-Dichloroethene-d2	2.560	65	12908	4.003	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.000%
20) 2-Butanone-d5	4.624	46	58377	44.939	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.880%
24) Chloroform-d	5.052	84	65077	4.436	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.800%
26) 1,2-Dichloroethane-d4	5.692	65	34759	4.819	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.400%
32) Benzene-d6	5.717	84	117272	4.336	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.800%
36) 1,2-Dichloropropane-d6	6.682	67	33527	4.332	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.600%
41) Toluene-d8	7.891	98	109858	4.300	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.000%
43) trans-1,3-Dichloroprop...	8.174	79	13486	3.959	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.200%
46) 2-Hexanone-d5	8.627	63	43824	42.643	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.280%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	27062	4.494	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	40495	4.818	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.400%
Target Compounds					Qvalue	
9) Trichlorofluoromethane	2.132	101	388005	29.100	ug/L	98
13) Acetone	2.647	43	4418	4.995	ug/L	94
18) trans-1,2-Dichloroethene	3.348	96	2525	0.362	ug/L	82
22) cis-1,2-Dichloroethene	4.653	96	74962	9.593	ug/L	94
25) Chloroform	5.074	83	6153	0.427	ug/L	97
31) Carbon tetrachloride	5.515	117	5480	0.452	ug/L	100
34) Trichloroethene	6.534	95	4245812	515.035	ug/L	95
45) 1,1,2-Trichloroethane	8.396	97	2498	0.467	ug/L	85
47) Tetrachloroethene	8.544	164	159087	24.994	ug/L	95

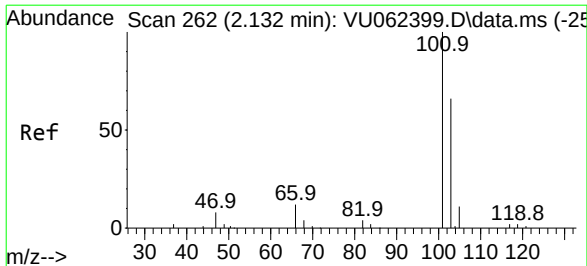
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_U
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C0CJ1

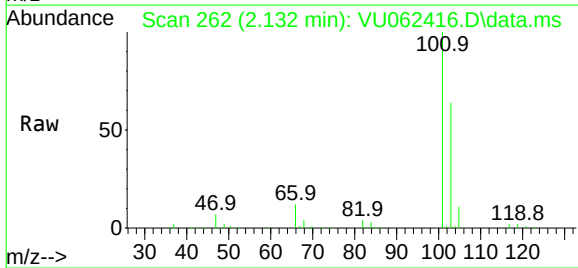
Quant Time: Dec 18 06:53:44 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
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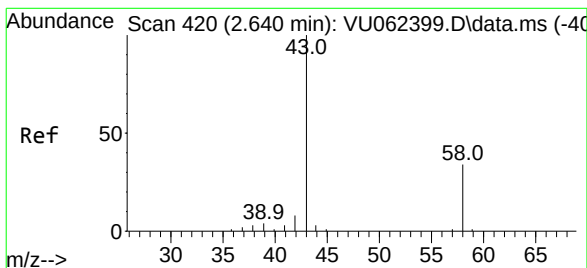
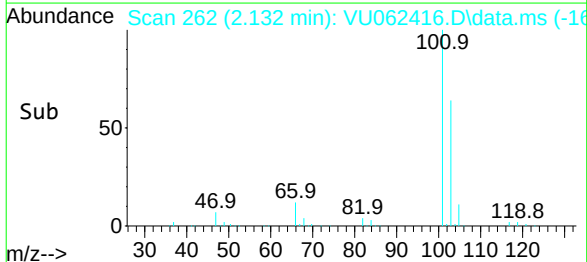
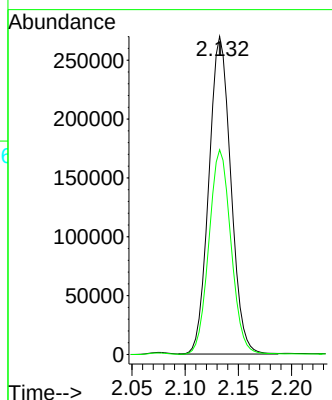


#9
Trichlorofluoromethane
Concen: 29.100 ug/L
RT: 2.132 min Scan# 26
Delta R.T. 0.000 min
Lab File: VU062416.D
Acq: 18 Dec 2024 03:55

Instrument :
MSVOA_U
ClientSampleId :
C0CJ1

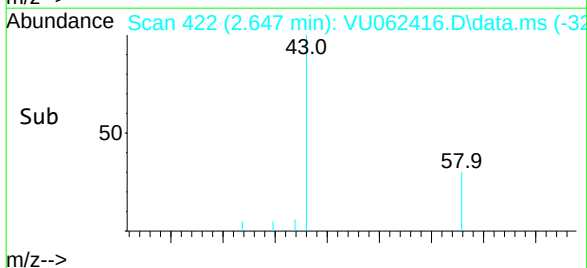
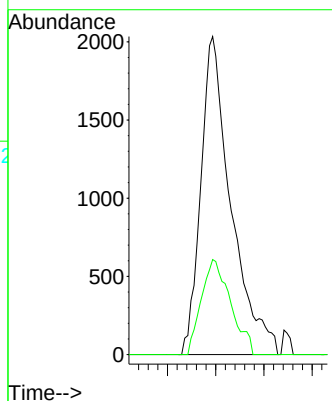
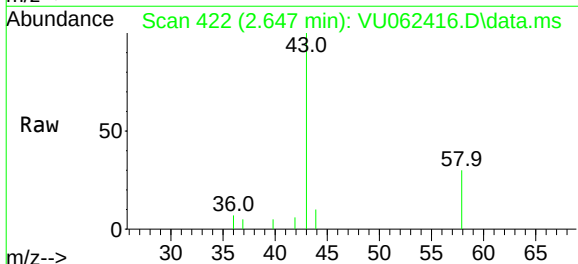


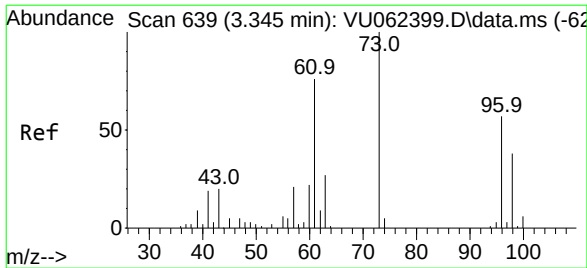
Tgt Ion: 101 Resp: 388005
Ion Ratio Lower Upper
101 100
103 64.6 50.6 75.8



#13
Acetone
Concen: 4.995 ug/L
RT: 2.647 min Scan# 422
Delta R.T. 0.006 min
Lab File: VU062416.D
Acq: 18 Dec 2024 03:55

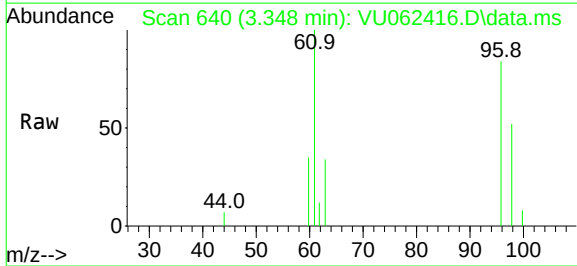
Tgt Ion: 43 Resp: 4418
Ion Ratio Lower Upper
43 100
58 28.9 0.0 64.0



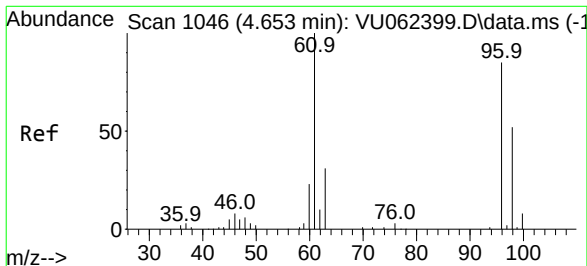
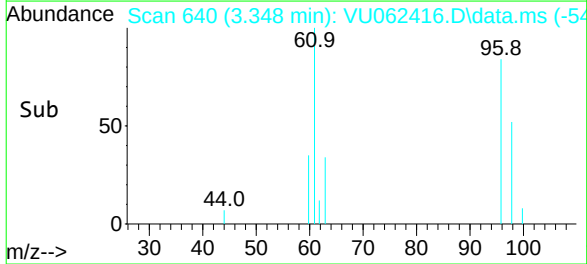
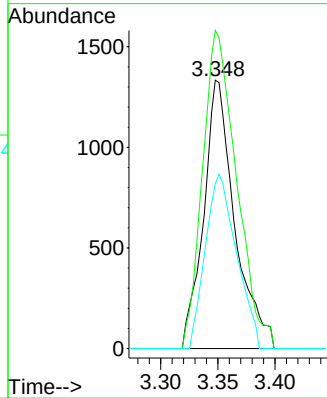


#18
trans-1,2-Dichloroethene
Concen: 0.362 ug/L
RT: 3.348 min Scan# 64
Delta R.T. 0.003 min
Lab File: VU062416.D
Acq: 18 Dec 2024 03:55

Instrument :
MSVOA_U
ClientSampleId :
C0CJ1

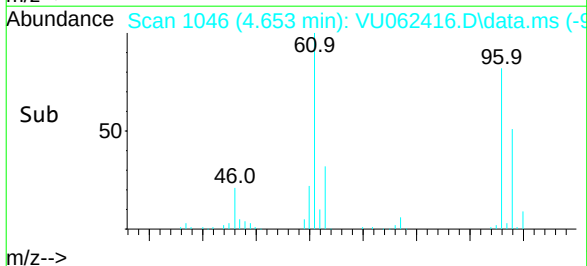
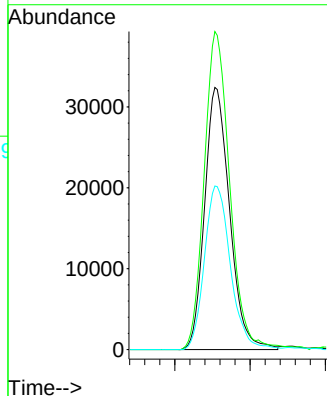
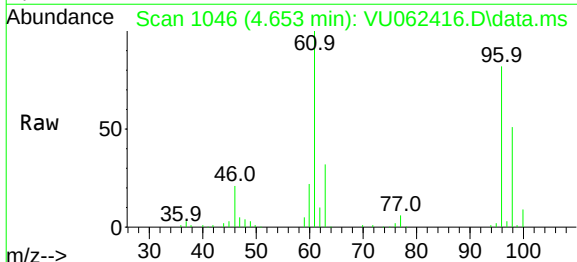


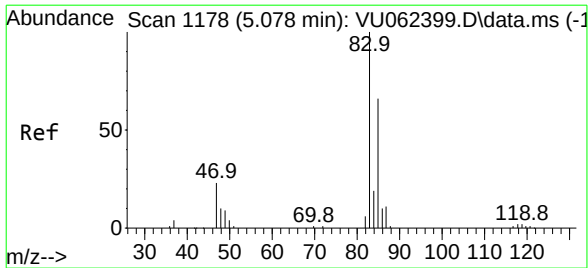
Tgt Ion: 96 Resp: 2525
Ion Ratio Lower Upper
96 100
61 118.5 104.2 193.4
98 61.5 45.7 84.9



#22
cis-1,2-Dichloroethene
Concen: 9.593 ug/L
RT: 4.653 min Scan# 1046
Delta R.T. 0.000 min
Lab File: VU062416.D
Acq: 18 Dec 2024 03:55

Tgt Ion: 96 Resp: 74962
Ion Ratio Lower Upper
96 100
61 121.3 92.0 170.8
98 62.4 44.5 82.7

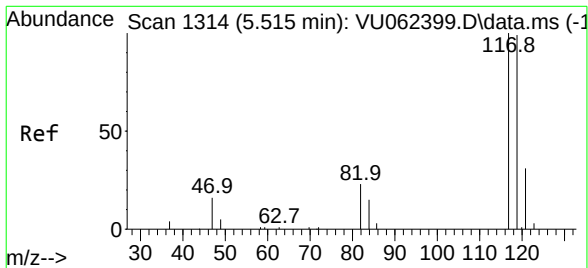
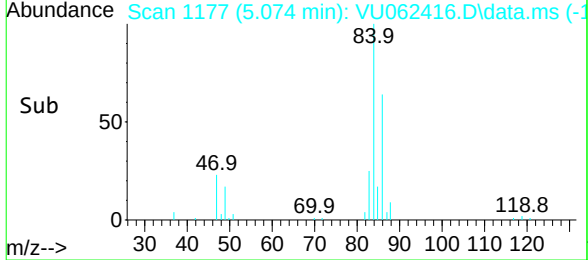
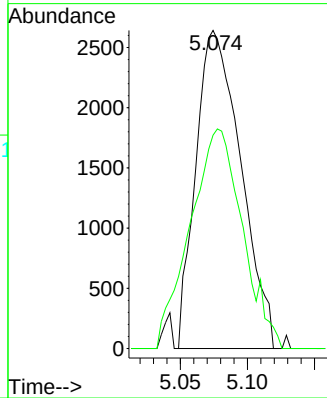
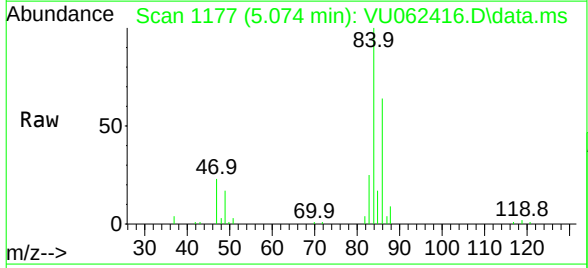




#25
Chloroform
Concen: 0.427 ug/L
RT: 5.074 min Scan# 1177
Delta R.T. -0.003 min
Lab File: VU062416.D
Acq: 18 Dec 2024 03:55

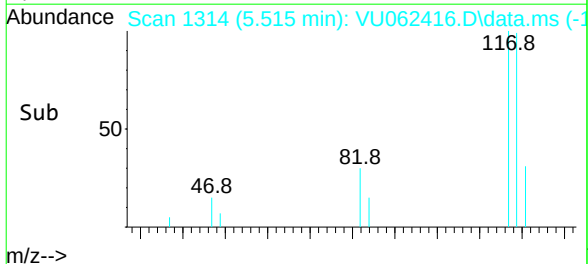
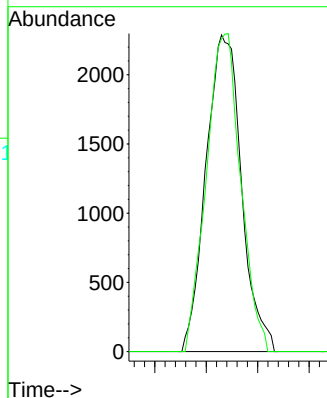
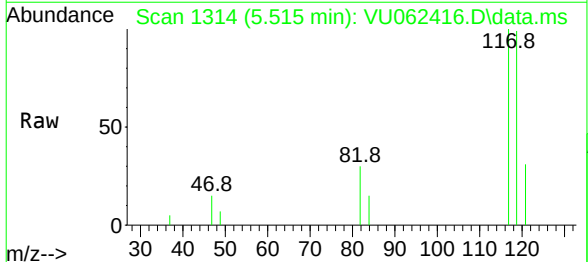
Instrument :
MSVOA_U
ClientSampleId :
C0CJ1

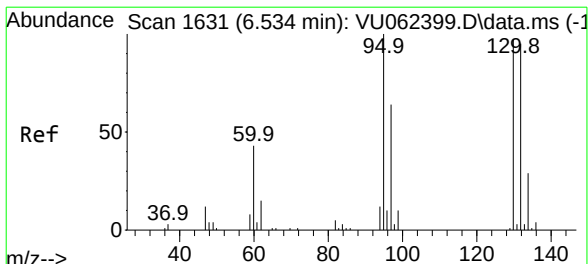
Tgt Ion: 83 Resp: 6153
Ion Ratio Lower Upper
83 100
85 67.1 45.4 84.2



#31
Carbon tetrachloride
Concen: 0.452 ug/L
RT: 5.515 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VU062416.D
Acq: 18 Dec 2024 03:55

Tgt Ion: 117 Resp: 5480
Ion Ratio Lower Upper
117 100
119 97.0 77.5 116.3



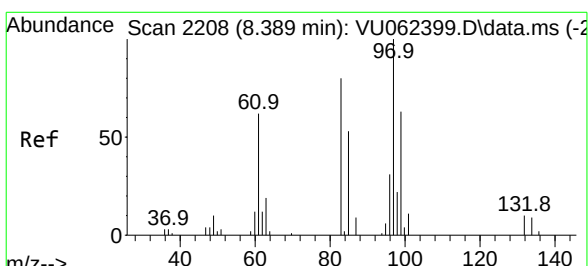
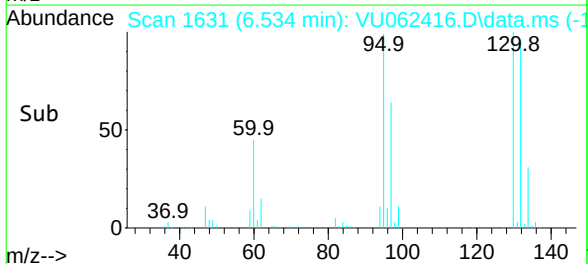
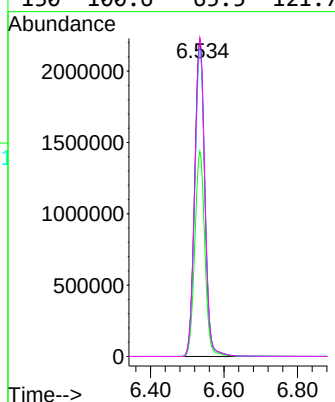
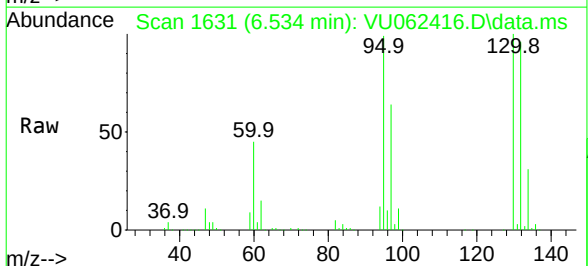


#34
 Trichloroethene
 Concen: 515.035 ug/L
 RT: 6.534 min Scan# 16
 Delta R.T. 0.000 min
 Lab File: VU062416.D
 Acq: 18 Dec 2024 03:55

Instrument :
 MSVOA_U
 ClientSampleId :
 C0CJ1

Tgt Ion: 95 Resp: 4245812

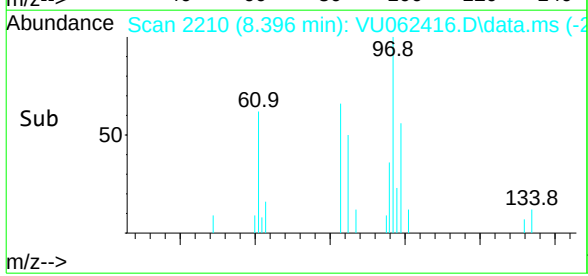
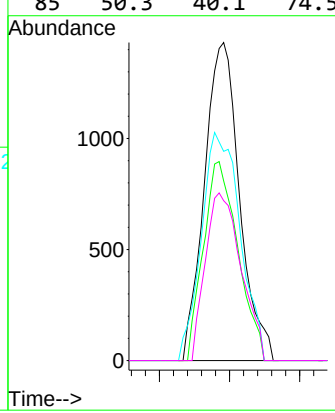
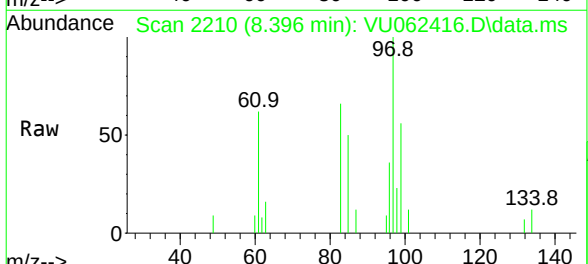
Ion	Ratio	Lower	Upper
95	100		
97	64.8	45.9	85.3
132	97.0	63.8	118.4
130	100.6	65.5	121.7

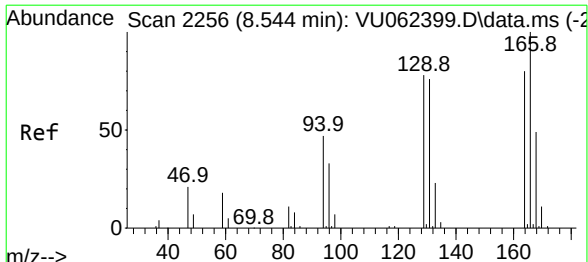


#45
 1,1,2-Trichloroethane
 Concen: 0.467 ug/L
 RT: 8.396 min Scan# 2210
 Delta R.T. 0.006 min
 Lab File: VU062416.D
 Acq: 18 Dec 2024 03:55

Tgt Ion: 97 Resp: 2498

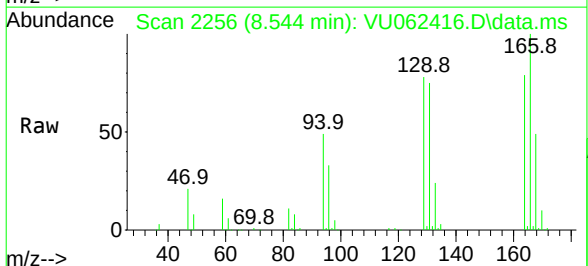
Ion	Ratio	Lower	Upper
97	100		
99	56.5	43.0	79.8
83	65.8	61.7	114.5
85	50.3	40.1	74.5





#47
 Tetrachloroethene
 Concen: 24.994 ug/L
 RT: 8.544 min Scan# 22
 Delta R.T. 0.000 min
 Lab File: VU062416.D
 Acq: 18 Dec 2024 03:55

Instrument :
 MSVOA_U
 ClientSampleId :
 C0CJ1



Tgt Ion:164 Resp: 159087

Ion	Ratio	Lower	Upper
164	100		
129	99.2	73.2	136.0
131	95.0	72.3	134.3
166	126.8	90.2	167.4

