

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121624\
 Data File : VU062340.D
 Acq On : 16 Dec 2024 13:36
 Operator : MD/SY
 Sample : P5274-05
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH8B4

Quant Time: Dec 17 00:33:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 17 00:31:28 2024
 Response via : Initial Calibration

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

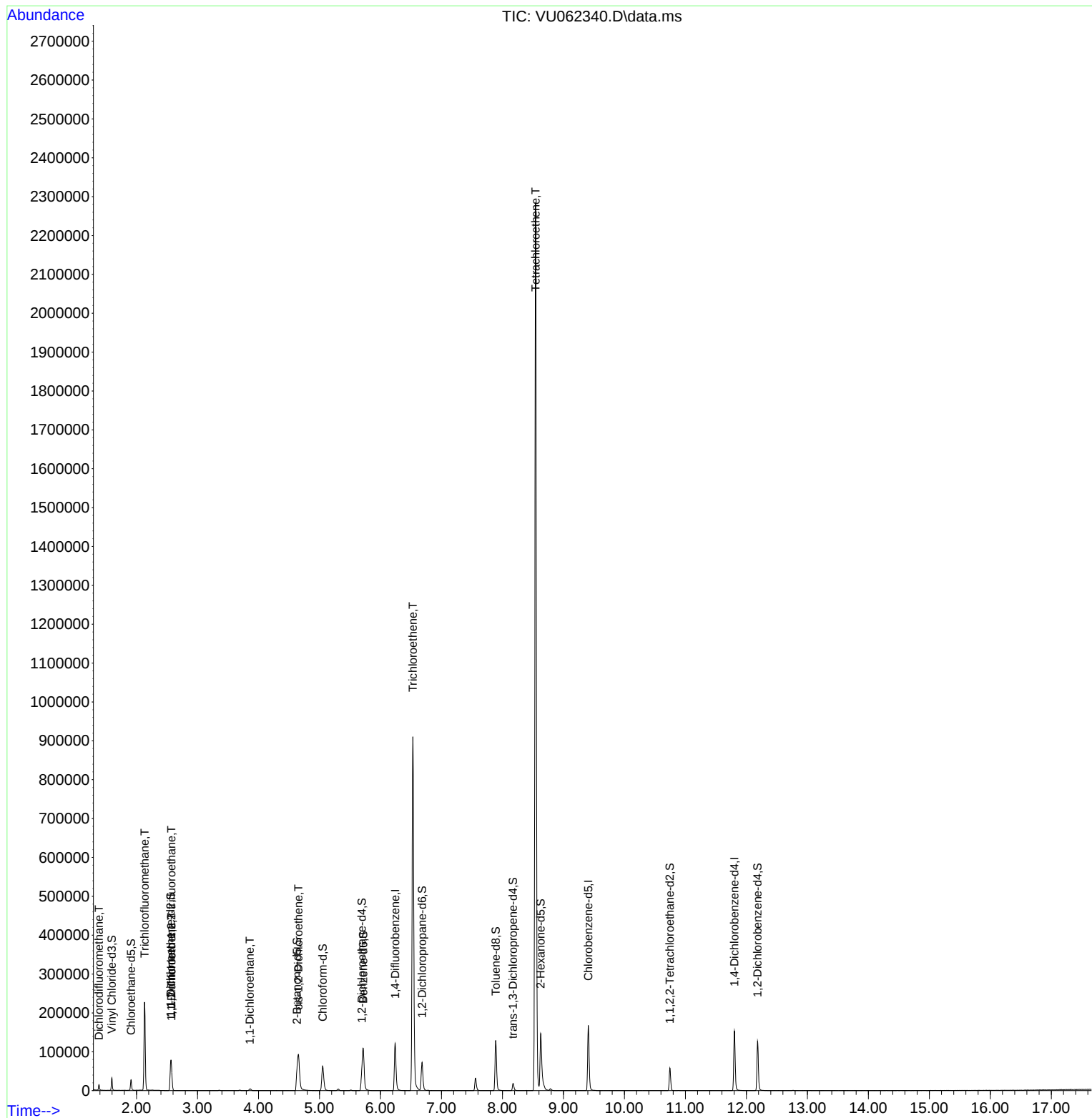
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	102756	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	97174	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	44621	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	22028	3.178	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	63.600%
7) Chloroethane-d5	1.911	69	19954	4.048	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.000%
11) 1,1-Dichloroethene-d2	2.560	65	11182	3.391	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.800%
20) 2-Butanone-d5	4.631	46	65215	49.096	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.200%
24) Chloroform-d	5.052	84	61152	4.077	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.600%
26) 1,2-Dichloroethane-d4	5.695	65	33767	4.578	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.600%
32) Benzene-d6	5.718	84	104506	3.734	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	74.600%
36) 1,2-Dichloropropane-d6	6.682	67	34184	4.269	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.400%
41) Toluene-d8	7.891	98	91955	3.478	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	69.600%#
43) trans-1,3-Dichloroprop...	8.174	79	12564	3.564	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	71.200%
46) 2-Hexanone-d5	8.627	63	52466	49.338	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.680%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	28951	4.646	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.000%
66) 1,2-Dichlorobenzene-d4	12.184	152	35522	4.320	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.400%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.383	85	5634	0.585	ug/L	94
9) Trichlorofluoromethane	2.133	101	149807	10.988	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.570	101	3108	0.419	ug/L #	94
12) 1,1-Dichloroethene	2.573	96	11106	1.601	ug/L #	52
19) 1,1-Dichloroethane	3.859	63	6174	0.473	ug/L	94
22) cis-1,2-Dichloroethene	4.657	96	41332	5.173	ug/L	94
34) Trichloroethene	6.531	95	324380	38.027	ug/L	98
47) Tetrachloroethene	8.544	164	495944	75.300	ug/L	96

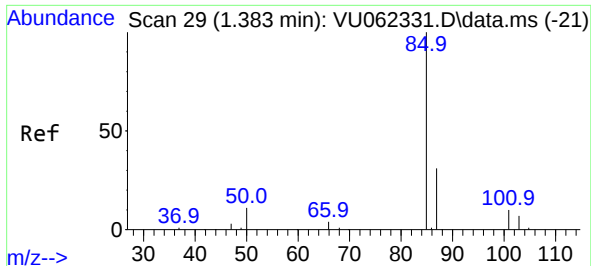
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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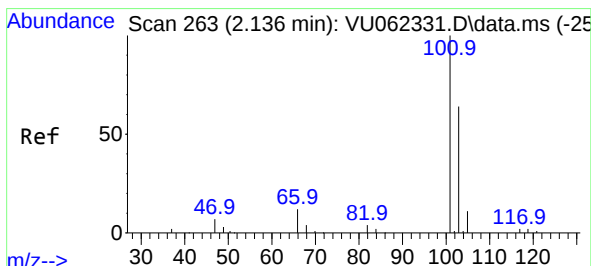
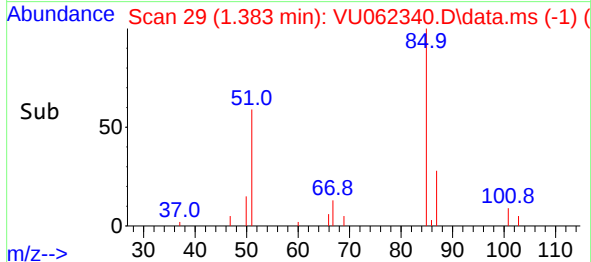
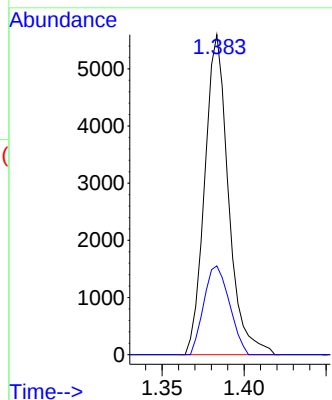
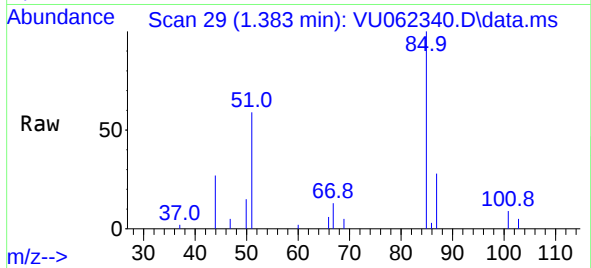




#2
Dichlorodifluoromethane
Concen: 0.585 ug/L
RT: 1.383 min Scan# 29
Delta R.T. 0.000 min
Lab File: VU062340.D
Acq: 16 Dec 2024 13:36

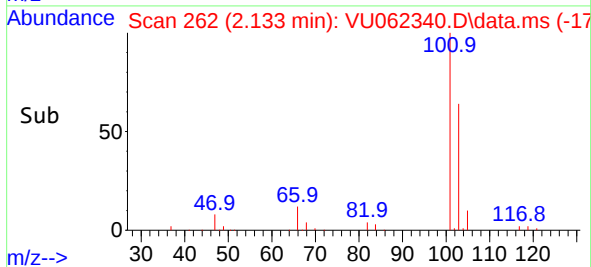
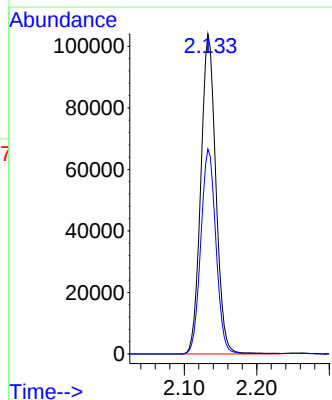
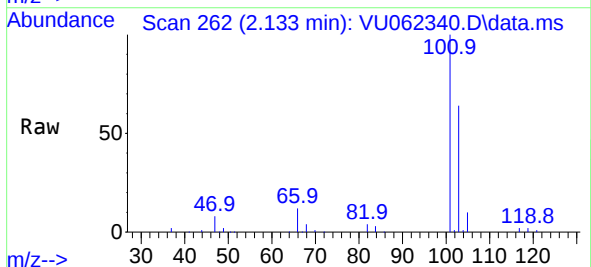
Instrument :
MSVOA_U
ClientSampleId :
BH8B4

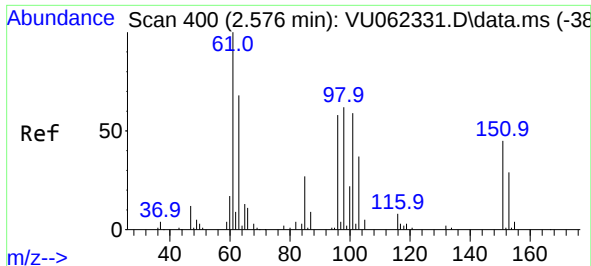
Tgt Ion: 85 Resp: 5634
Ion Ratio Lower Upper
85 100
87 29.8 26.6 40.0



#9
Trichlorofluoromethane
Concen: 10.988 ug/L
RT: 2.133 min Scan# 262
Delta R.T. -0.003 min
Lab File: VU062340.D
Acq: 16 Dec 2024 13:36

Tgt Ion: 101 Resp: 149807
Ion Ratio Lower Upper
101 100
103 64.3 50.6 75.8

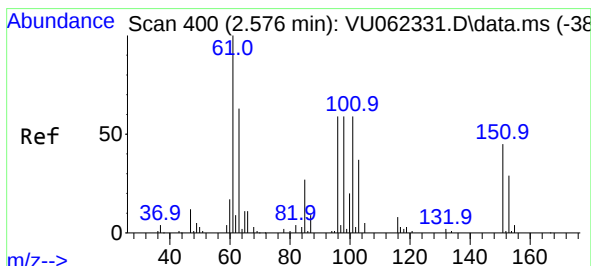
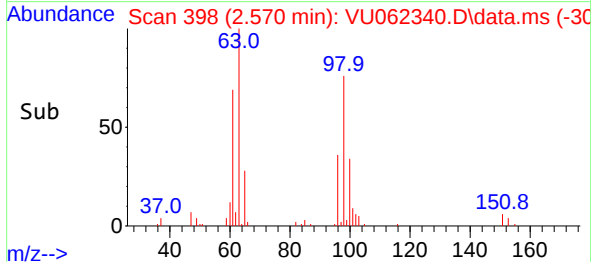
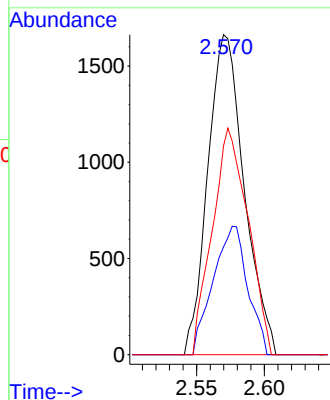
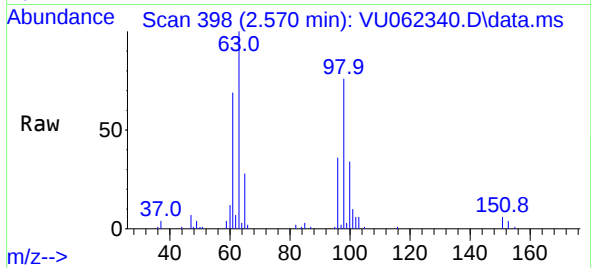




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.419 ug/L
RT: 2.570 min Scan# 398
Delta R.T. -0.006 min
Lab File: VU062340.D
Acq: 16 Dec 2024 13:36

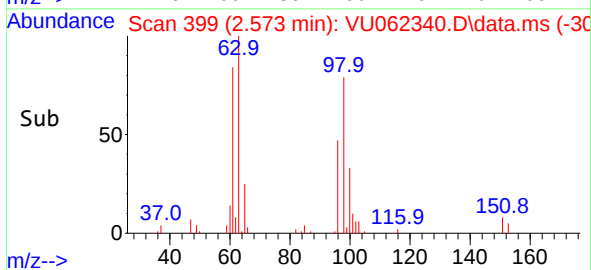
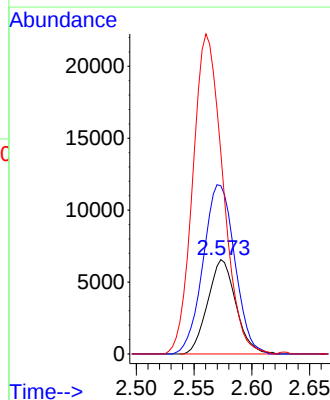
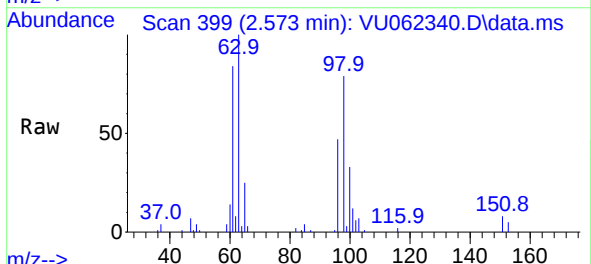
Instrument :
MSVOA_U
ClientSampleId :
BH8B4

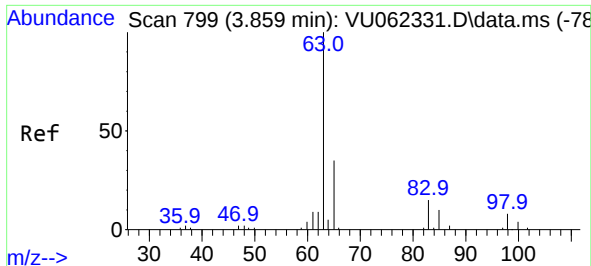
Tgt Ion:101 Resp: 3108
Ion Ratio Lower Upper
101 100
85 38.0 38.0 57.0#
151 69.6 55.3 82.9



#12
1,1-Dichloroethene
Concen: 1.601 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU062340.D
Acq: 16 Dec 2024 13:36

Tgt Ion: 96 Resp: 11106
Ion Ratio Lower Upper
96 100
61 178.3 119.6 222.2
63 213.4 65.0 120.6#



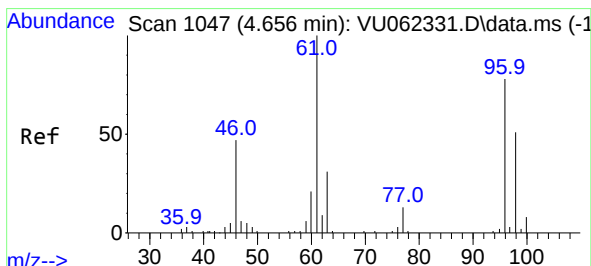
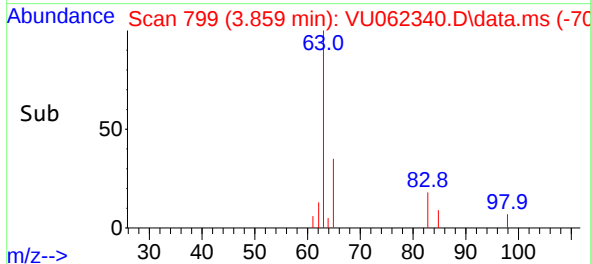
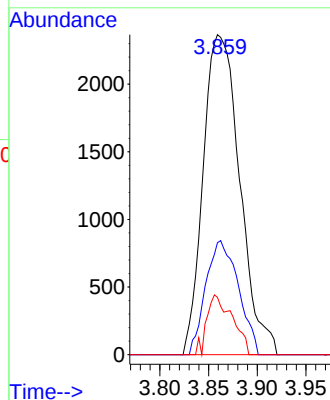
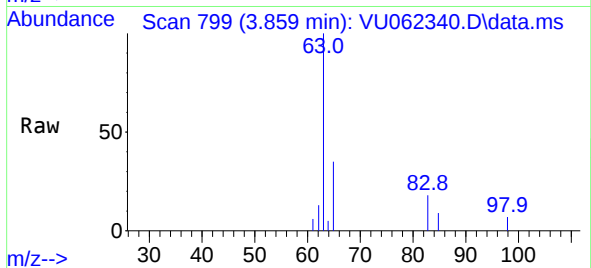


#19
1,1-Dichloroethane
Concen: 0.473 ug/L
RT: 3.859 min Scan# 799
Delta R.T. 0.000 min
Lab File: VU062340.D
Acq: 16 Dec 2024 13:36

Instrument :
MSVOA_U
ClientSampleId :
BH8B4

Tgt Ion: 63 Resp: 6174

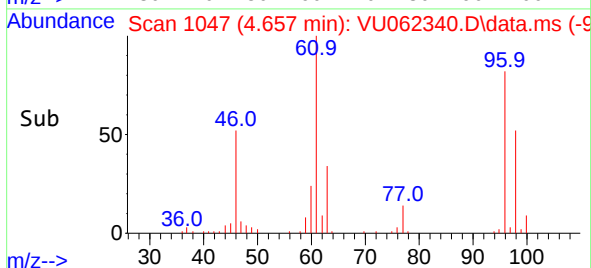
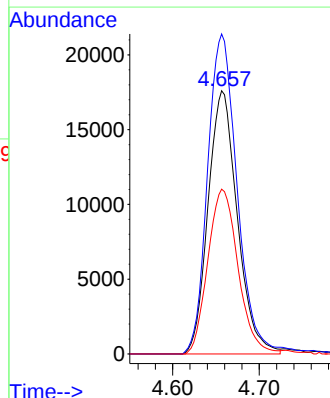
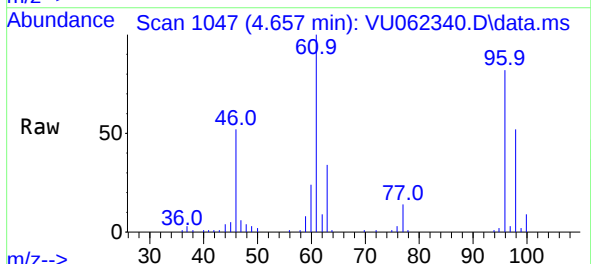
Ion	Ratio	Lower	Upper
63	100		
65	35.0	22.7	42.3
83	17.9	9.9	18.3

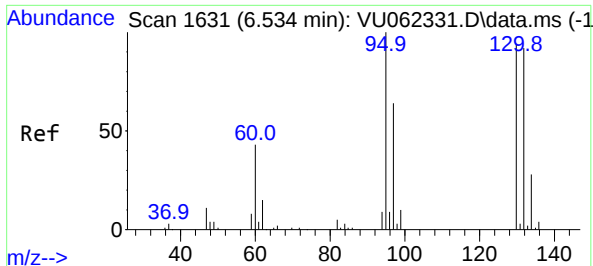


#22
cis-1,2-Dichloroethene
Concen: 5.173 ug/L
RT: 4.657 min Scan# 1047
Delta R.T. 0.000 min
Lab File: VU062340.D
Acq: 16 Dec 2024 13:36

Tgt Ion: 96 Resp: 41332

Ion	Ratio	Lower	Upper
96	100		
61	121.6	92.0	170.8
98	62.6	44.5	82.7

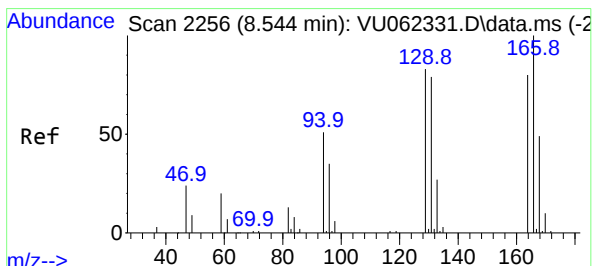
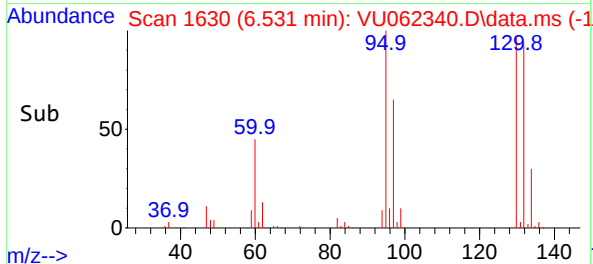
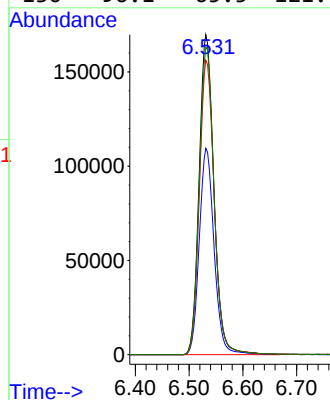
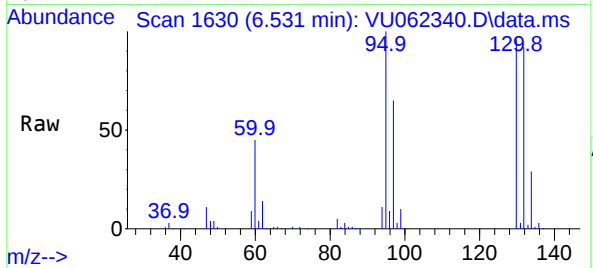




#34
Trichloroethene
Concen: 38.027 ug/L
RT: 6.531 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU062340.D
Acq: 16 Dec 2024 13:36

Instrument :
MSVOA_U
ClientSampleId :
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Tgt Ion: 95 Resp: 324380
Ion Ratio Lower Upper
95 100
97 64.5 45.9 85.3
132 92.0 63.8 118.4
130 96.1 65.5 121.7



#47
Tetrachloroethene
Concen: 75.300 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. 0.000 min
Lab File: VU062340.D
Acq: 16 Dec 2024 13:36

Tgt Ion:164 Resp: 495944
Ion Ratio Lower Upper
164 100
129 99.8 73.2 136.0
131 96.9 72.3 134.3
166 127.0 90.2 167.4

