

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121724\
 Data File : VU062378.D
 Acq On : 17 Dec 2024 10:51
 Operator : MD/SY
 Sample : P5274-04
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 18 00:13:04 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)

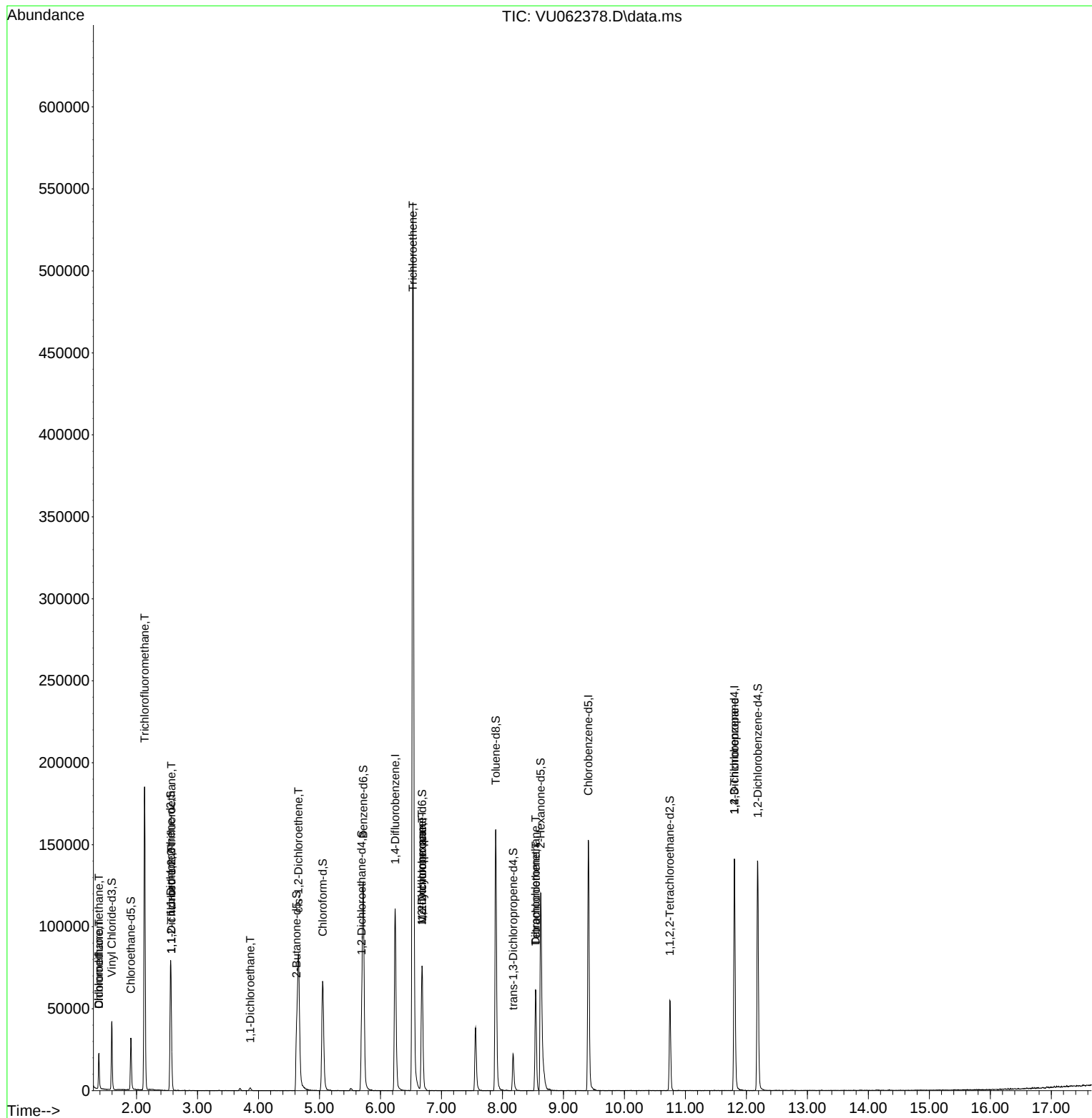
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	94964	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	89842	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	41320	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	29159	4.552	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.000%
7) Chloroethane-d5	1.907	69	22602	4.961	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.200%
11) 1,1-Dichloroethene-d2	2.560	65	14369	4.715	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.400%
20) 2-Butanone-d5	4.624	46	56686	46.177	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.360%
24) Chloroform-d	5.052	84	66858	4.823	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.400%
26) 1,2-Dichloroethane-d4	5.692	65	35175	5.160	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.200%
32) Benzene-d6	5.717	84	121213	4.684	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.600%
36) 1,2-Dichloropropane-d6	6.682	67	35242	4.760	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.200%
41) Toluene-d8	7.891	98	113529	4.644	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.800%
43) trans-1,3-Dichloroprop...	8.177	79	14980	4.597	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.000%
46) 2-Hexanone-d5	8.627	63	43907	44.659	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.320%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	27232	4.727	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	40585	5.330	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.600%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.383	85	12093	1.359	ug/L	99
3) Chloromethane	1.383	50	1269	0.182	ug/L #	42
9) Trichlorofluoromethane	2.132	101	121982	9.681	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.570	101	2352	0.343	ug/L #	91
12) 1,1-Dichloroethene	2.570	96	1581	0.247	ug/L #	1
19) 1,1-Dichloroethane	3.865	63	2445	0.202	ug/L #	88
22) cis-1,2-Dichloroethene	4.656	96	39699	5.376	ug/L	96
34) Trichloroethene	6.531	95	193162	24.492	ug/L	96
35) Methylcyclohexane	6.685	83	9760	0.835	ug/L #	19
37) 1,2-Dichloropropane	6.679	63	4340	0.640	ug/L #	87
47) Tetrachloroethene	8.547	164	13815	2.269	ug/L	92
49) Dibromochloromethane	8.544	129	14455	2.337	ug/L #	13
61) 1,2,3-Trichloropropane	11.804	75	4395	1.150	ug/L #	67

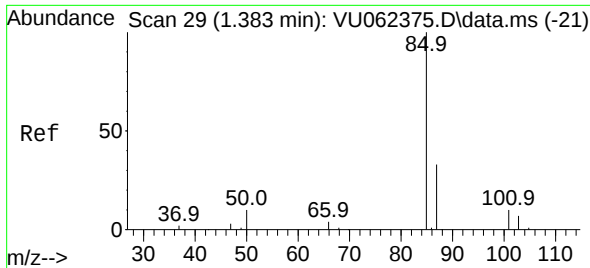
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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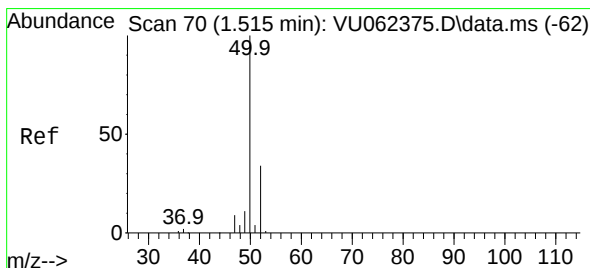
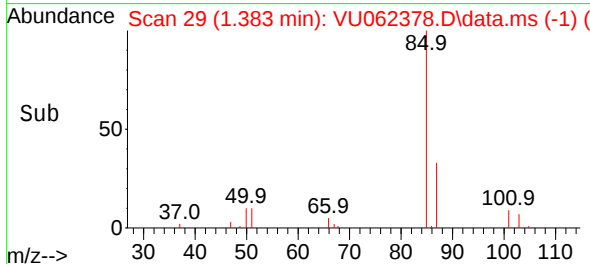
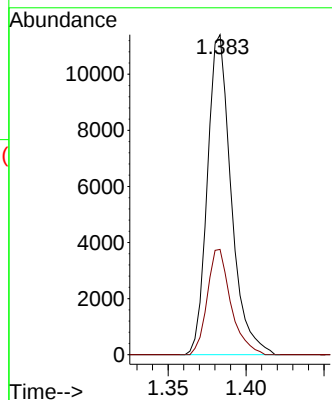
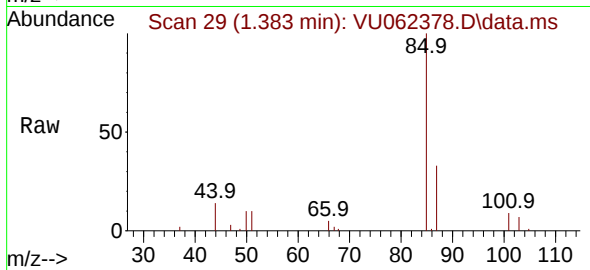




#2
 Dichlorodifluoromethane
 Concen: 1.359 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. 0.000 min
 Lab File: VU062378.D
 Acq: 17 Dec 2024 10:51

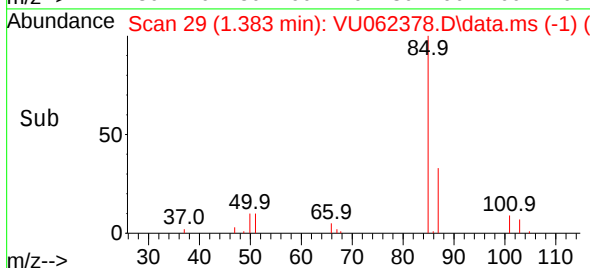
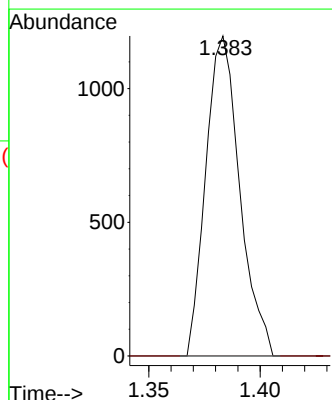
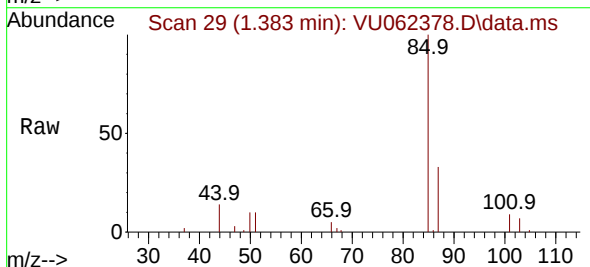
Instrument :
 MSVOA_U
 ClientSampleId :

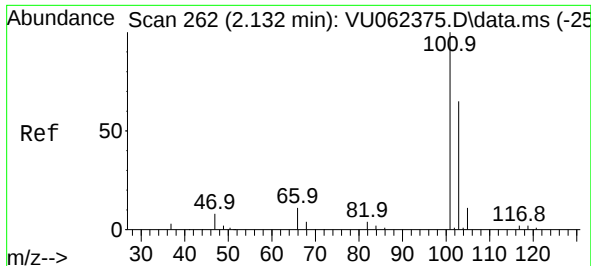
Tgt Ion: 85 Resp: 12093
 Ion Ratio Lower Upper
 85 100
 87 32.7 26.6 40.0



#3
 Chloromethane
 Concen: 0.182 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. -0.132 min
 Lab File: VU062378.D
 Acq: 17 Dec 2024 10:51

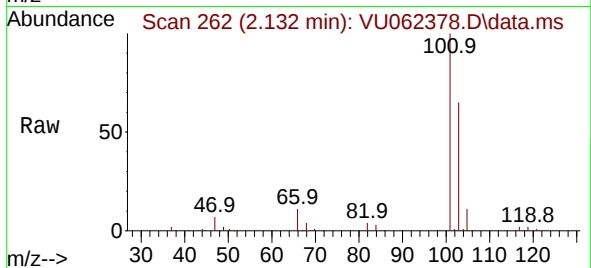
Tgt Ion: 50 Resp: 1269
 Ion Ratio Lower Upper
 50 100
 52 0.0 23.1 42.9#



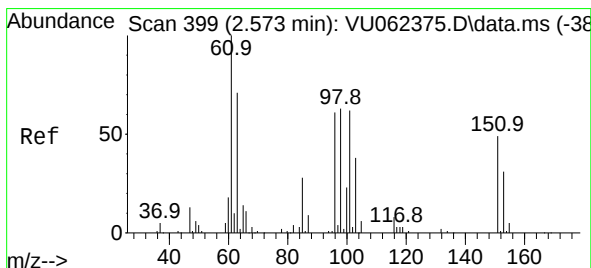
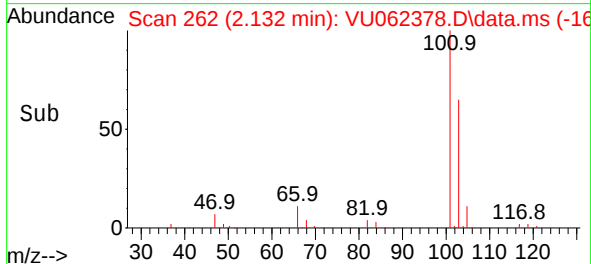
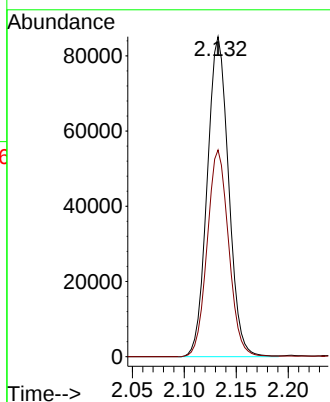


#9
 Trichlorofluoromethane
 Concen: 9.681 ug/L
 RT: 2.132 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VU062378.D
 Acq: 17 Dec 2024 10:51

Instrument :
 MSVOA_U
 ClientSampleId :

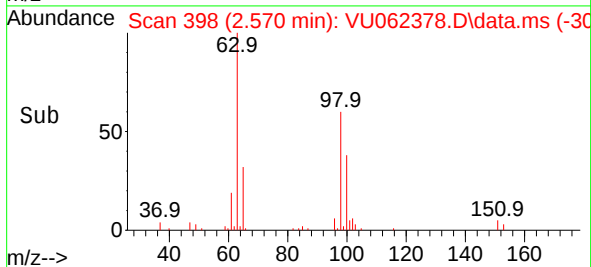
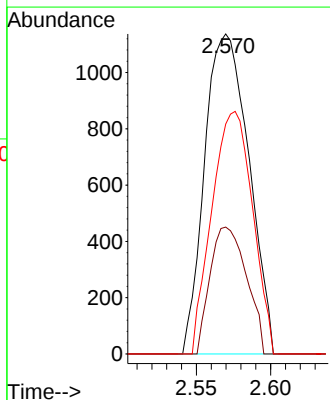
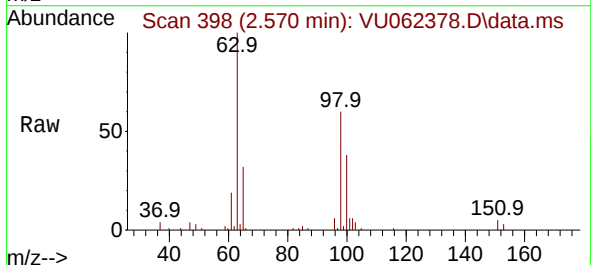


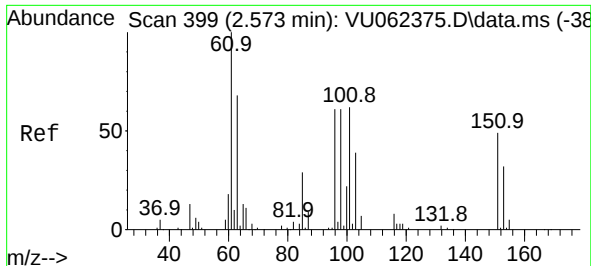
Tgt Ion:101 Resp: 121982
 Ion Ratio Lower Upper
 101 100
 103 64.8 50.6 75.8



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.343 ug/L
 RT: 2.570 min Scan# 398
 Delta R.T. -0.003 min
 Lab File: VU062378.D
 Acq: 17 Dec 2024 10:51

Tgt Ion:101 Resp: 2352
 Ion Ratio Lower Upper
 101 100
 85 32.8 38.0 57.0#
 151 69.8 55.3 82.9





#12

1,1-Dichloroethene

Concen: 0.247 ug/L

RT: 2.570 min Scan# 30

Delta R.T. -0.003 min

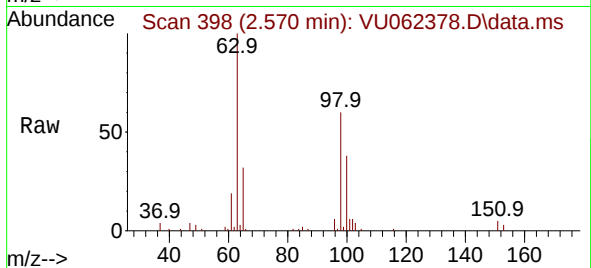
Lab File: VU062378.D

Acq: 17 Dec 2024 10:51

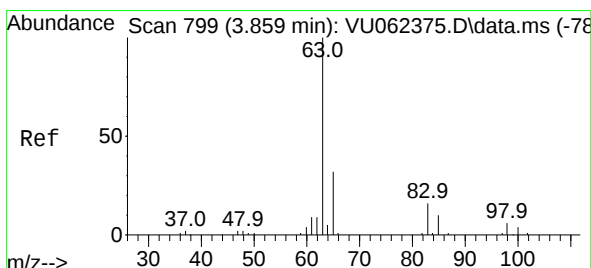
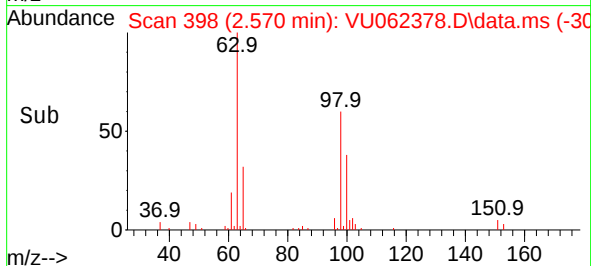
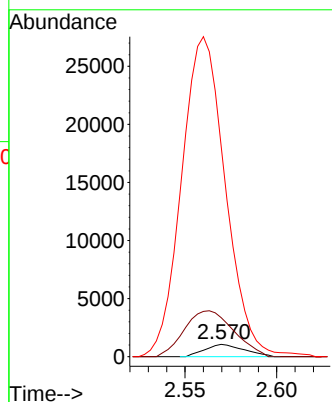
Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:	96	Resp:	1581
Ion	Ratio	Lower	Upper
96	100		
61	314.7	119.6	222.2#
63	1700.6	65.0	120.6#



#19

1,1-Dichloroethane

Concen: 0.202 ug/L

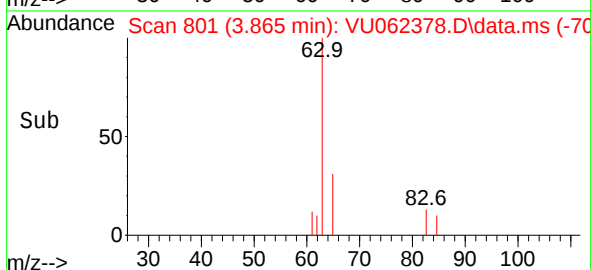
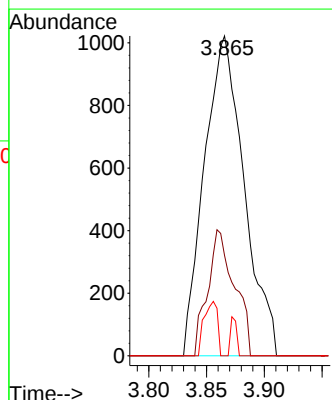
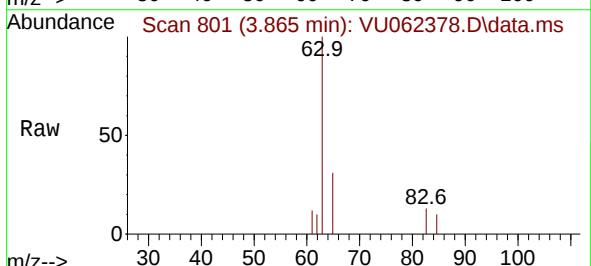
RT: 3.865 min Scan# 801

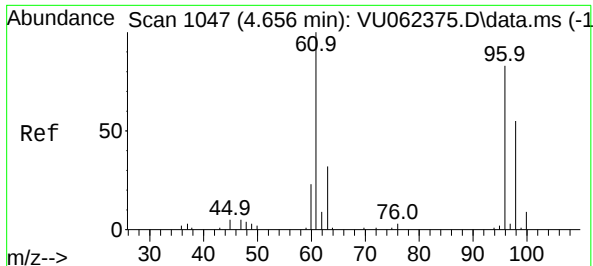
Delta R.T. 0.006 min

Lab File: VU062378.D

Acq: 17 Dec 2024 10:51

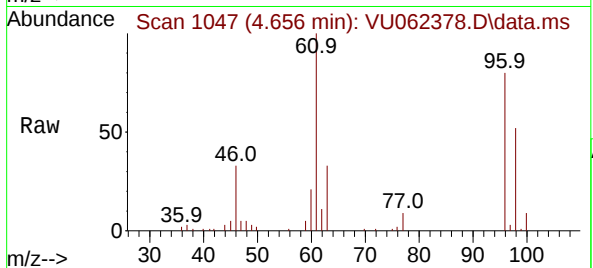
Tgt Ion:	63	Resp:	2445
Ion	Ratio	Lower	Upper
63	100		
65	31.4	22.7	42.3
83	0.0	9.9	18.3#



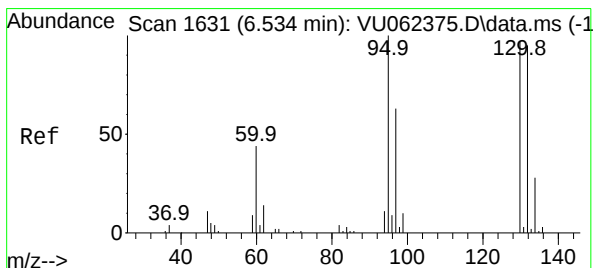
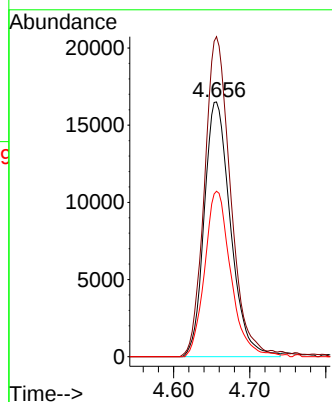
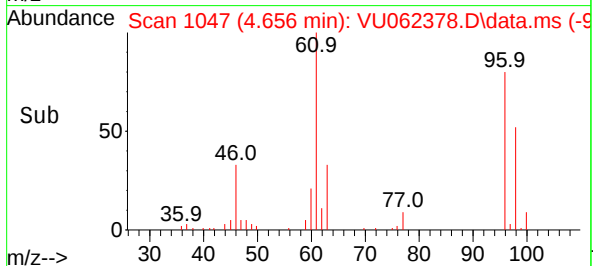


#22
cis-1,2-Dichloroethene
Concen: 5.376 ug/L
RT: 4.656 min Scan# 1047
Delta R.T. 0.000 min
Lab File: VU062378.D
Acq: 17 Dec 2024 10:51

Instrument :
MSVOA_U
ClientSampleId :

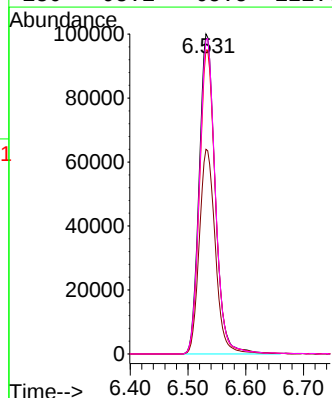
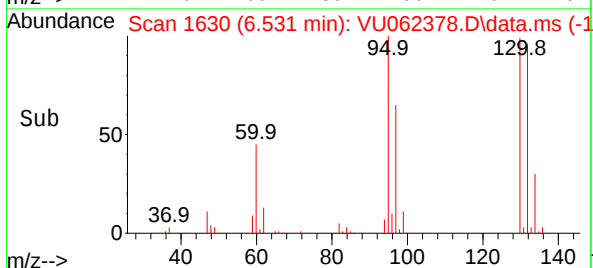
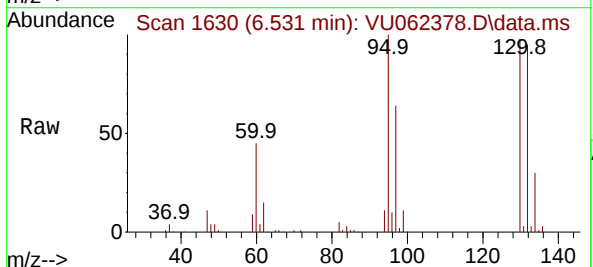


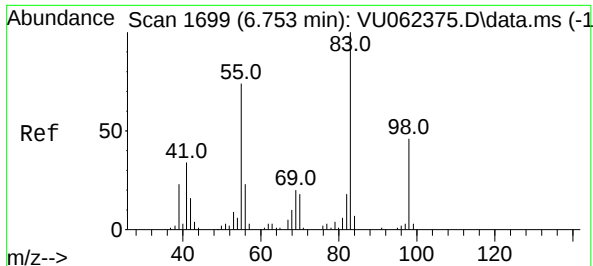
Tgt Ion: 96 Resp: 39699
Ion Ratio Lower Upper
96 100
61 125.6 92.0 170.8
98 64.9 44.5 82.7



#34
Trichloroethene
Concen: 24.492 ug/L
RT: 6.531 min Scan# 1630
Delta R.T. -0.003 min
Lab File: VU062378.D
Acq: 17 Dec 2024 10:51

Tgt Ion: 95 Resp: 193162
Ion Ratio Lower Upper
95 100
97 63.9 45.9 85.3
132 95.0 63.8 118.4
130 98.1 65.5 121.7

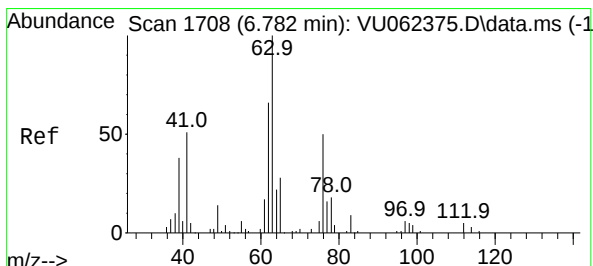
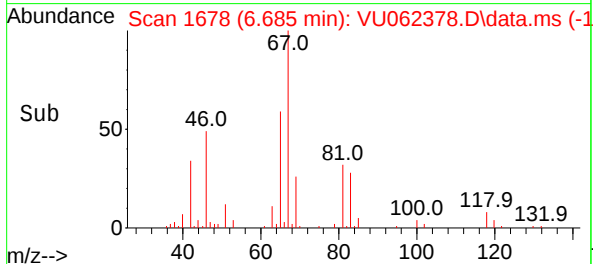
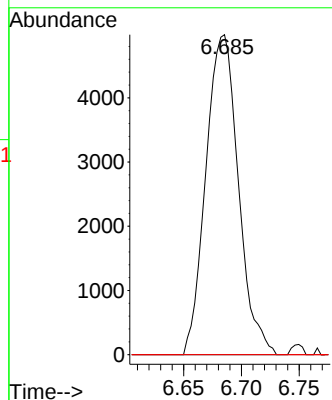
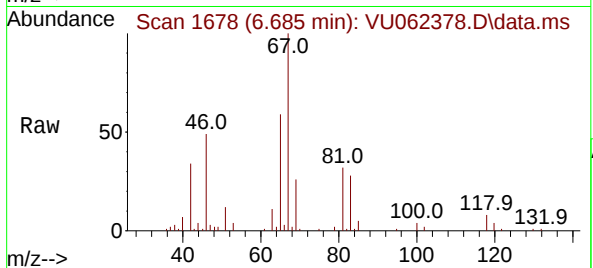




#35
Methylcyclohexane
Concen: 0.835 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.067 min
Lab File: VU062378.D
Acq: 17 Dec 2024 10:51

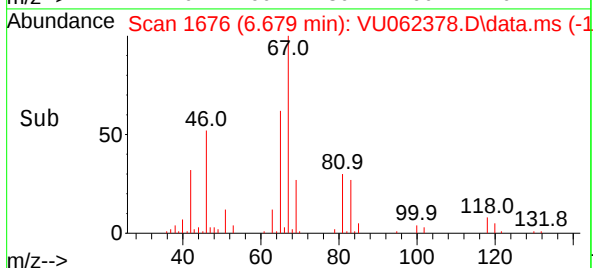
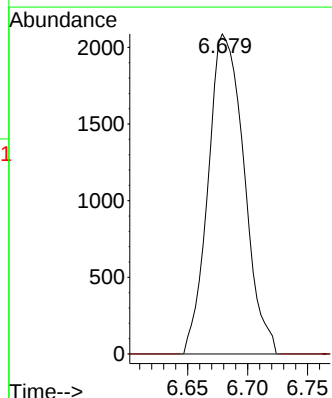
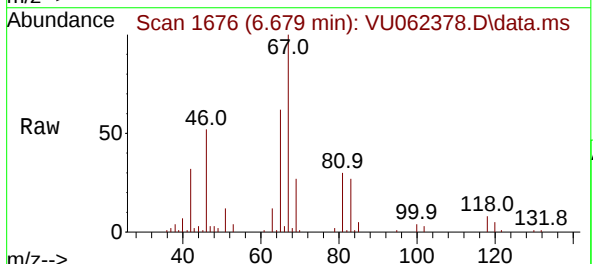
Instrument :
MSVOA_U
ClientSampleId :

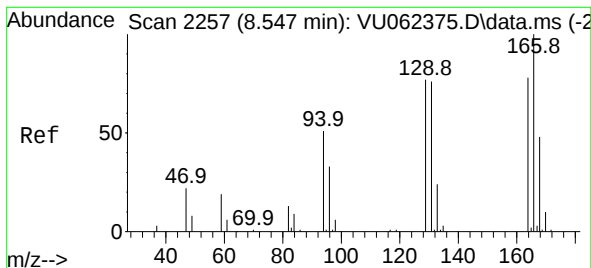
Tgt Ion: 83 Resp: 9760
Ion Ratio Lower Upper
83 100
55 0.0 60.7 91.1#
98 0.0 34.8 52.2#



#37
1,2-Dichloropropane
Concen: 0.640 ug/L
RT: 6.679 min Scan# 1676
Delta R.T. -0.103 min
Lab File: VU062378.D
Acq: 17 Dec 2024 10:51

Tgt Ion: 63 Resp: 4340
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#





#47

Tetrachloroethene

Concen: 2.269 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. 0.000 min

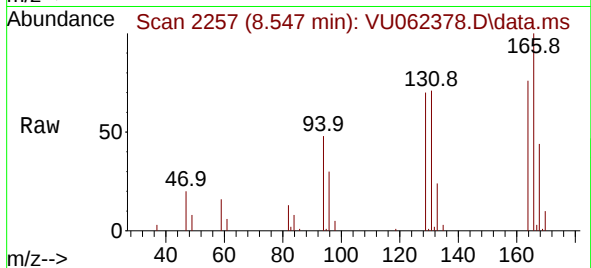
Lab File: VU062378.D

Acq: 17 Dec 2024 10:51

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:164 Resp: 13815

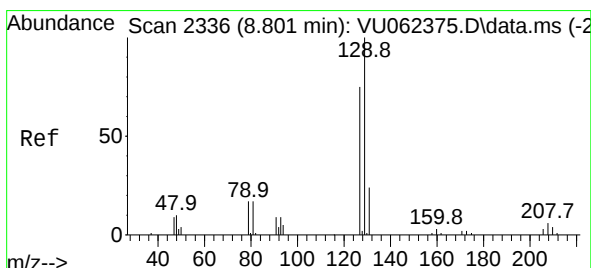
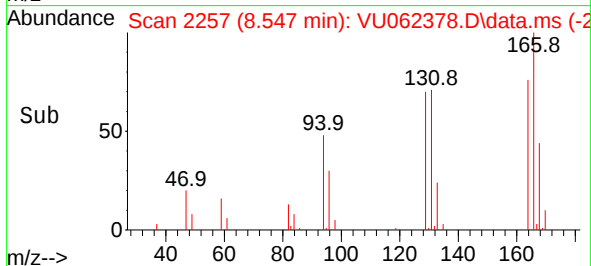
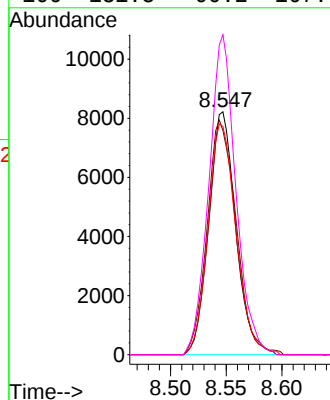
Ion Ratio Lower Upper

164 100

129 92.3 73.2 136.0

131 94.0 72.3 134.3

166 131.8 90.2 167.4



#49

Dibromochloromethane

Concen: 2.337 ug/L

RT: 8.544 min Scan# 2256

Delta R.T. -0.257 min

Lab File: VU062378.D

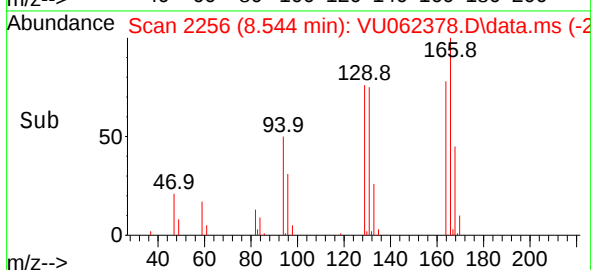
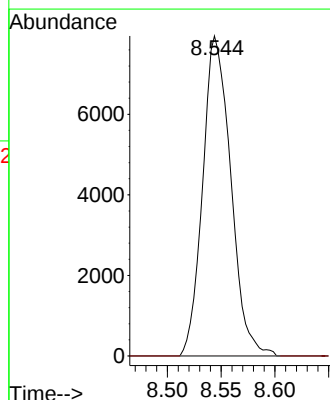
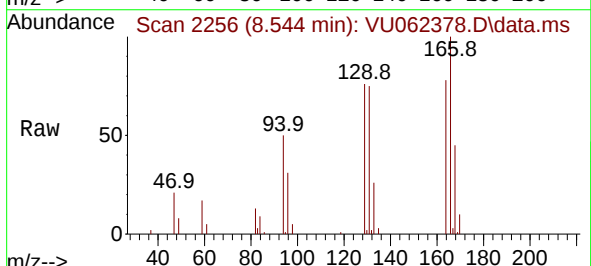
Acq: 17 Dec 2024 10:51

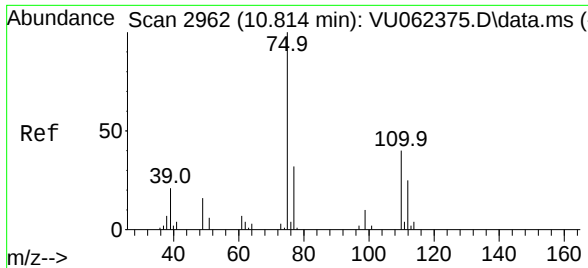
Tgt Ion:129 Resp: 14455

Ion Ratio Lower Upper

129 100

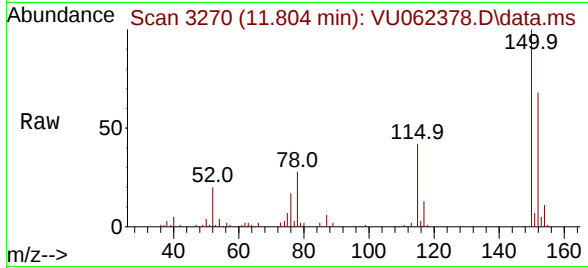
127 0.0 51.1 94.9#





#61
 1,2,3-Trichloropropane
 Concen: 1.150 ug/L
 RT: 11.804 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU062378.D
 Acq: 17 Dec 2024 10:51

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:	75	Resp:	4395
Ion	Ratio	Lower	Upper
75	100		
110	0.0	28.9	43.3#
77	34.8	26.5	39.7

