

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121624\
 Data File : VU062363.D
 Acq On : 17 Dec 2024 02:46
 Operator : MD/SY
 Sample : P5274-05DL 5X
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 17 04:26:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 17 01:28:58 2024
 Response via : Initial Calibration

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

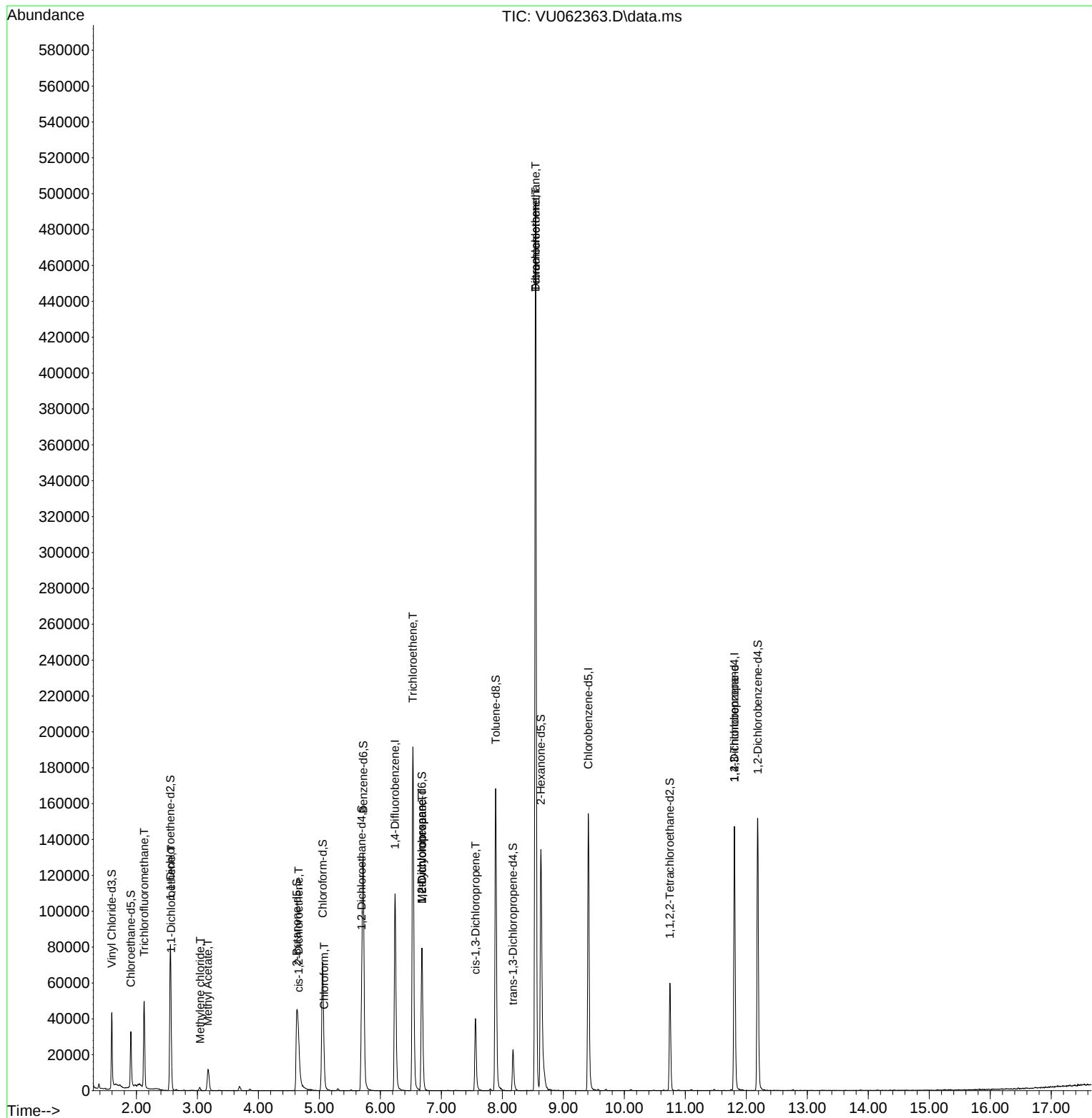
Internal Standards						
1) 1,4-Difluorobenzene	6.239	114	92050	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	88302	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	41921	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	29809	4.801	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.000%
7) Chloroethane-d5	1.908	69	22448	5.083	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.600%
11) 1,1-Dichloroethene-d2	2.557	65	14781	5.004	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	100.000%
20) 2-Butanone-d5	4.628	46	60194	50.587	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.180%
24) Chloroform-d	5.052	84	70275	5.230	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.600%
26) 1,2-Dichloroethane-d4	5.692	65	37139	5.621	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.400%
32) Benzene-d6	5.718	84	126051	4.956	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.200%
36) 1,2-Dichloropropane-d6	6.679	67	36357	4.996	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.000%
41) Toluene-d8	7.891	98	117394	4.886	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.800%
43) trans-1,3-Dichloroprop...	8.174	79	14939	4.664	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.200%
46) 2-Hexanone-d5	8.631	63	50764	52.534	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.060%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	29308	5.176	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	43472	5.627	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.600%
Target Compounds						Qvalue
9) Trichlorofluoromethane	2.126	101	32264	2.642	ug/L	99
12) 1,1-Dichloroethene	2.567	96	2642	0.425	ug/L #	1
15) Methyl Acetate	3.171	43	876	0.431	ug/L #	51
16) Methylene chloride	3.043	84	964	0.148	ug/L	97
22) cis-1,2-Dichloroethene	4.660	96	7906	1.105	ug/L	92
25) Chloroform	5.078	83	3739	0.284	ug/L	94
34) Trichloroethene	6.531	95	67757	8.741	ug/L	96
35) Methylcyclohexane	6.679	83	9494	0.826	ug/L #	21
37) 1,2-Dichloropropane	6.679	63	4395	0.660	ug/L #	87
39) cis-1,3-Dichloropropene	7.560	75	1315	0.123	ug/L #	43
47) Tetrachloroethene	8.544	164	109867	18.357	ug/L	96
49) Dibromochloromethane	8.544	129	108954	17.926	ug/L #	13
61) 1,2,3-Trichloropropane	11.804	75	4540	1.171	ug/L #	66

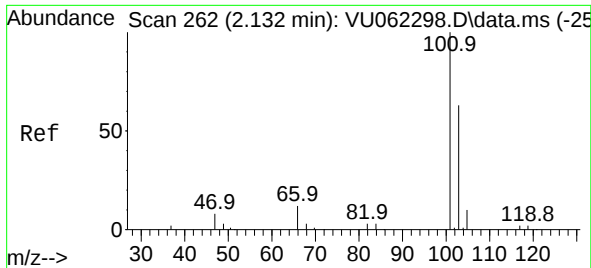
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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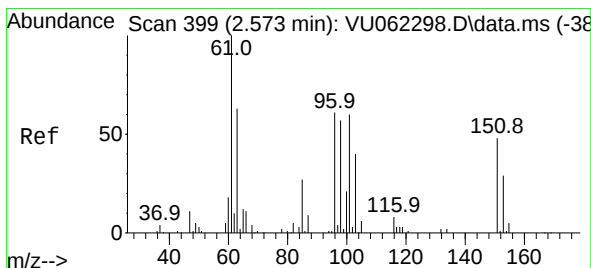
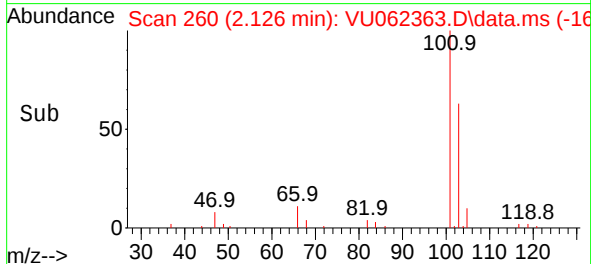
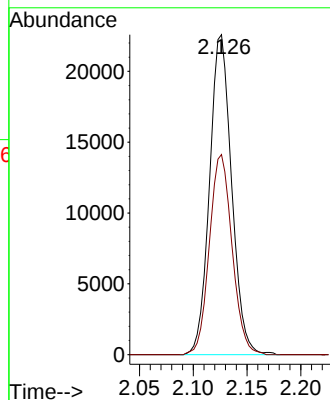
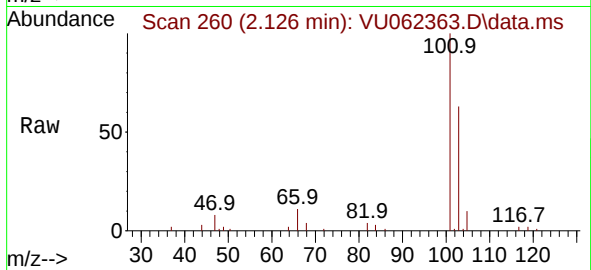




#9
 Trichlorofluoromethane
 Concen: 2.642 ug/L
 RT: 2.126 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VU062363.D
 Acq: 17 Dec 2024 02:46

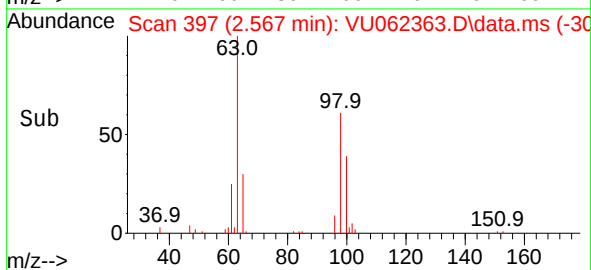
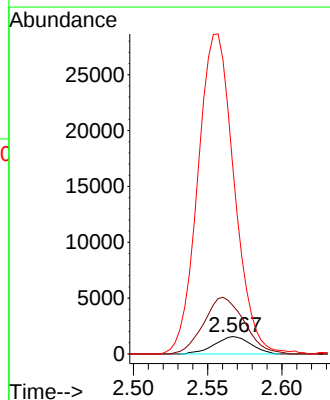
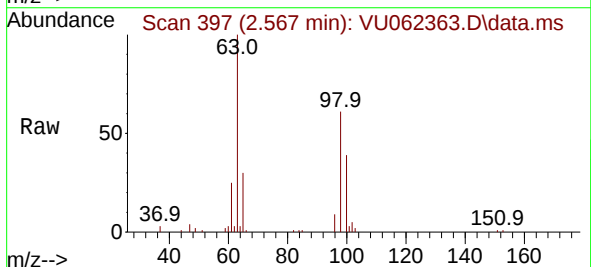
Instrument :
 MSVOA_U
 ClientSampleId :

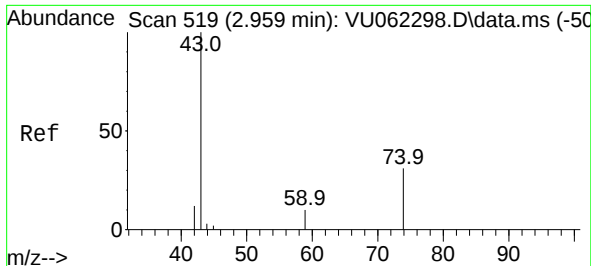
Tgt Ion:101 Resp: 32264
 Ion Ratio Lower Upper
 101 100
 103 64.3 50.6 75.8



#12
 1,1-Dichloroethene
 Concen: 0.425 ug/L
 RT: 2.567 min Scan# 397
 Delta R.T. -0.006 min
 Lab File: VU062363.D
 Acq: 17 Dec 2024 02:46

Tgt Ion: 96 Resp: 2642
 Ion Ratio Lower Upper
 96 100
 61 281.3 119.6 222.2#
 63 1103.7 65.0 120.6#





#15

Methyl Acetate

Concen: 0.431 ug/L

RT: 3.171 min Scan# 519

Delta R.T. 0.216 min

Lab File: VU062363.D

Acq: 17 Dec 2024 02:46

Instrument :

MSVOA_U

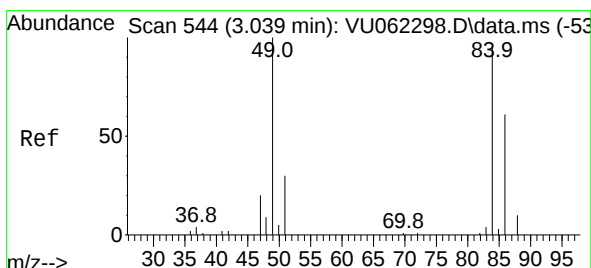
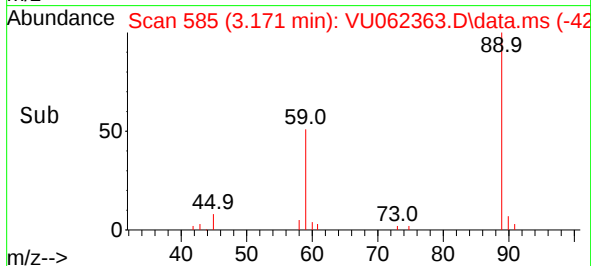
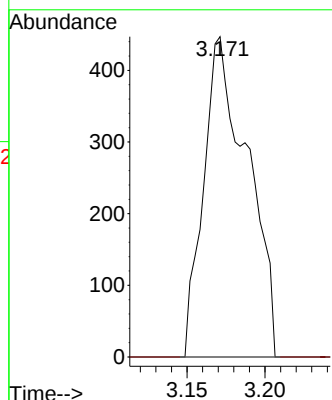
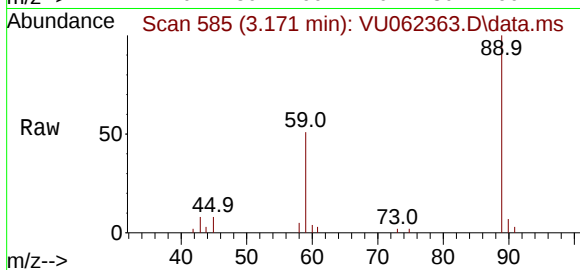
ClientSampleId :

Tgt Ion: 43 Resp: 876

Ion Ratio Lower Upper

43 100

74 0.0 19.4 29.2#



#16

Methylene chloride

Concen: 0.148 ug/L

RT: 3.043 min Scan# 545

Delta R.T. 0.003 min

Lab File: VU062363.D

Acq: 17 Dec 2024 02:46

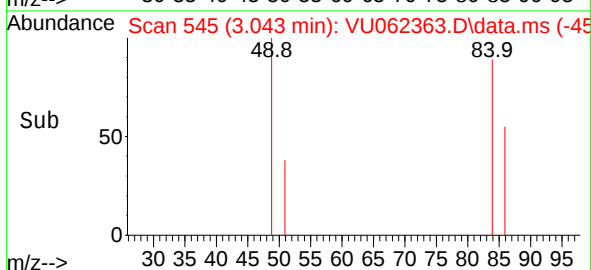
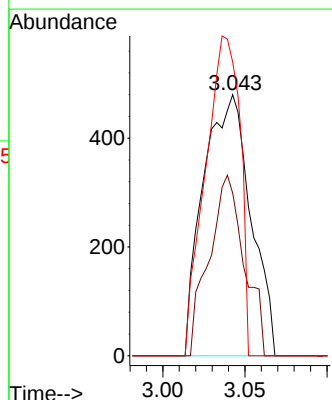
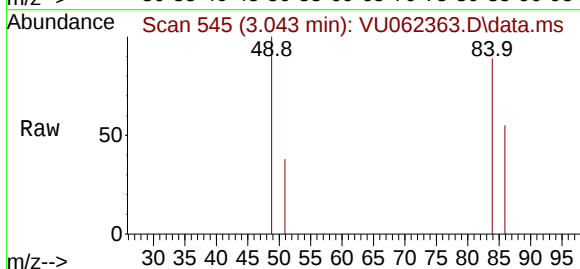
Tgt Ion: 84 Resp: 964

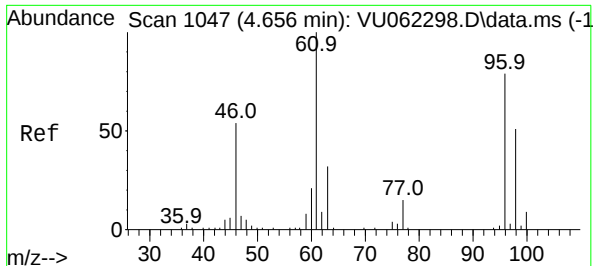
Ion Ratio Lower Upper

84 100

86 62.3 43.5 80.7

49 112.5 81.9 152.1

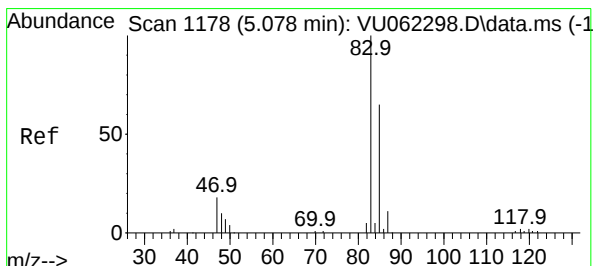
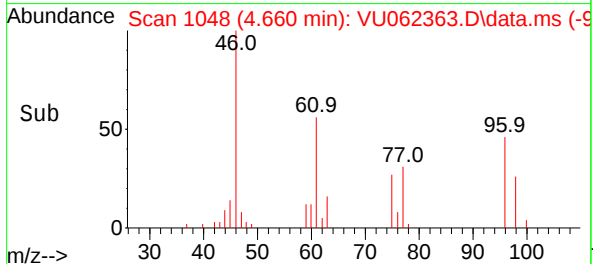
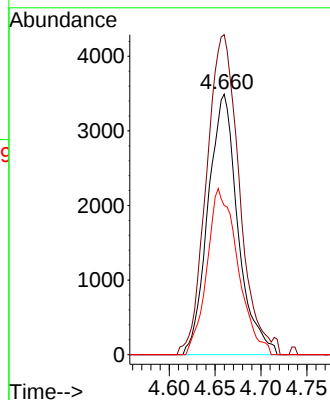
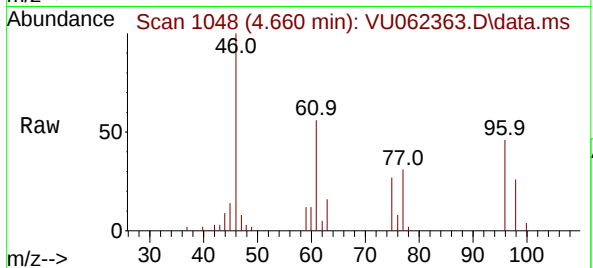




#22
cis-1,2-Dichloroethene
Concen: 1.105 ug/L
RT: 4.660 min Scan# 1104
Delta R.T. 0.003 min
Lab File: VU062363.D
Acq: 17 Dec 2024 02:46

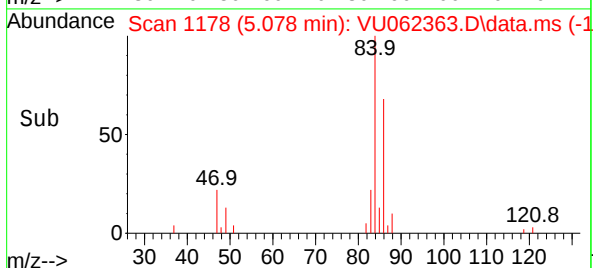
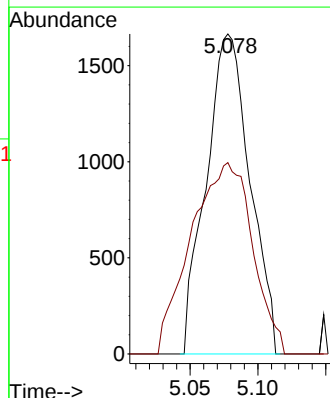
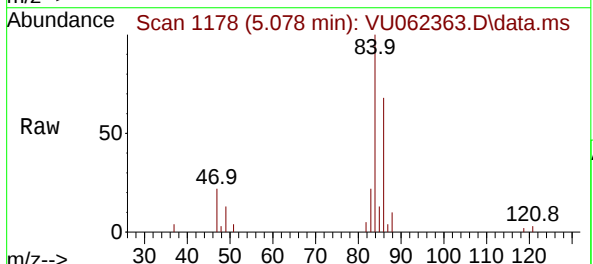
Instrument :
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ClientSampleId :

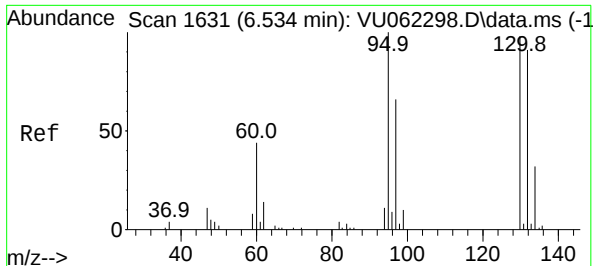
Tgt Ion: 96 Resp: 7906
Ion Ratio Lower Upper
96 100
61 122.9 92.0 170.8
98 57.2 44.5 82.7



#25
Chloroform
Concen: 0.284 ug/L
RT: 5.078 min Scan# 1178
Delta R.T. 0.000 min
Lab File: VU062363.D
Acq: 17 Dec 2024 02:46

Tgt Ion: 83 Resp: 3739
Ion Ratio Lower Upper
83 100
85 59.8 45.4 84.2

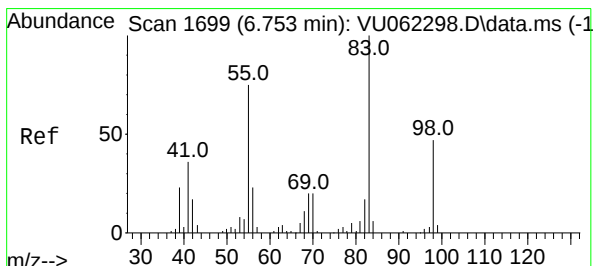
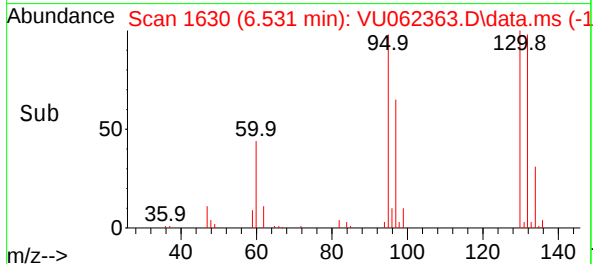
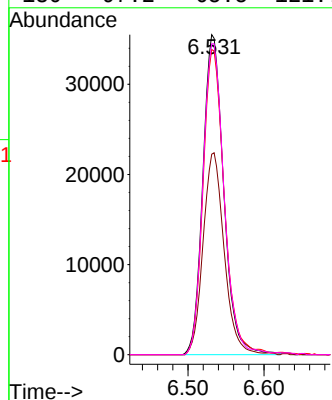
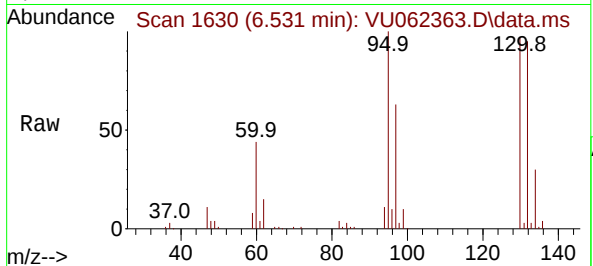




#34
Trichloroethene
Concen: 8.741 ug/L
RT: 6.531 min Scan# 1630
Delta R.T. -0.003 min
Lab File: VU062363.D
Acq: 17 Dec 2024 02:46

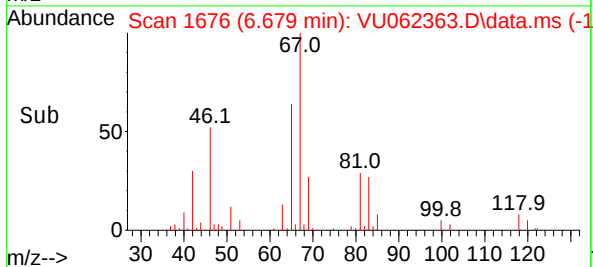
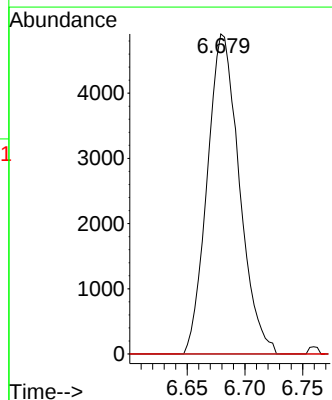
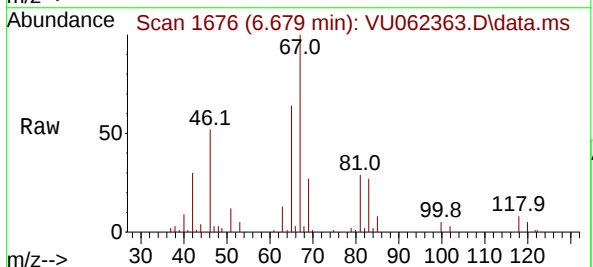
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MSVOA_U
ClientSampleId :

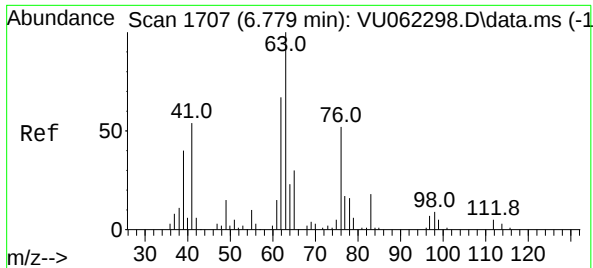
Tgt Ion: 95 Resp: 67757
Ion Ratio Lower Upper
95 100
97 62.7 45.9 85.3
132 95.4 63.8 118.4
130 97.2 65.5 121.7



#35
Methylcyclohexane
Concen: 0.826 ug/L
RT: 6.679 min Scan# 1676
Delta R.T. -0.074 min
Lab File: VU062363.D
Acq: 17 Dec 2024 02:46

Tgt Ion: 83 Resp: 9494
Ion Ratio Lower Upper
83 100
55 0.0 60.7 91.1#
98 2.8 34.8 52.2#

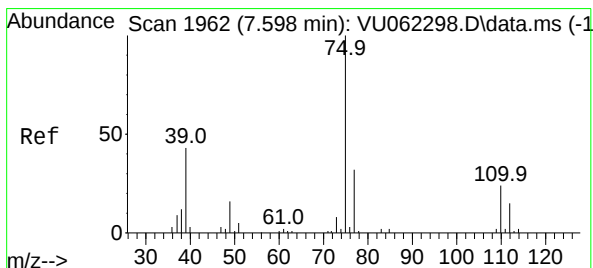
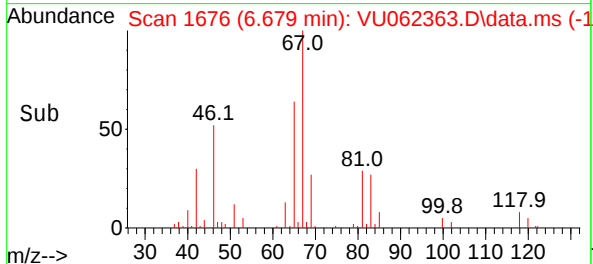
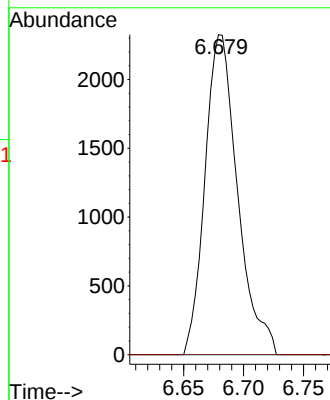
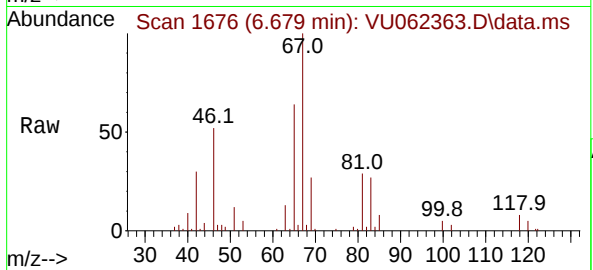




#37
1,2-Dichloropropane
Concen: 0.660 ug/L
RT: 6.679 min Scan# 11
Delta R.T. -0.103 min
Lab File: VU062363.D
Acq: 17 Dec 2024 02:46

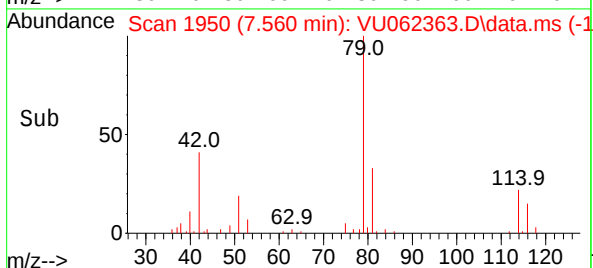
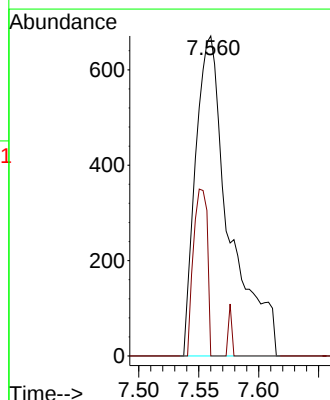
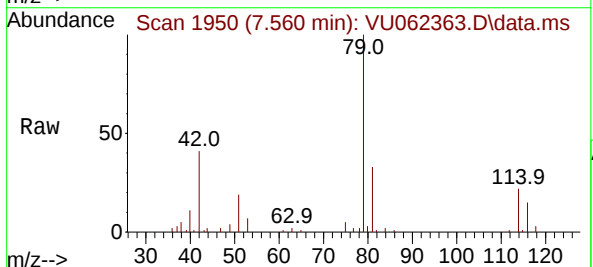
Instrument :
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ClientSampleId :

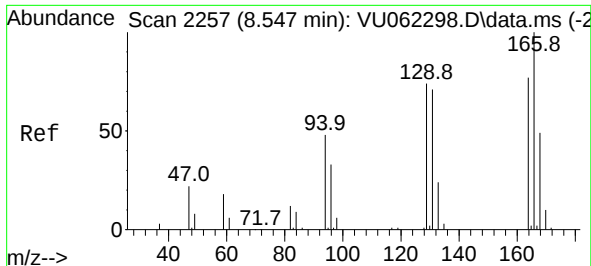
Tgt Ion: 63 Resp: 4395
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



#39
cis-1,3-Dichloropropene
Concen: 0.123 ug/L
RT: 7.560 min Scan# 1950
Delta R.T. -0.038 min
Lab File: VU062363.D
Acq: 17 Dec 2024 02:46

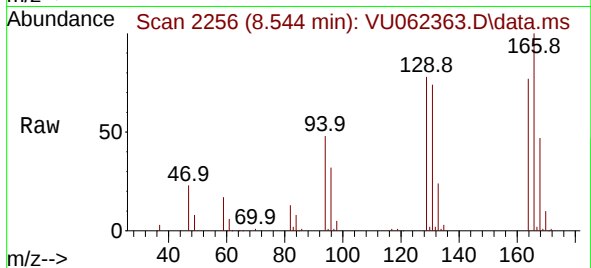
Tgt Ion: 75 Resp: 1315
Ion Ratio Lower Upper
75 100
77 0.0 22.3 41.3#



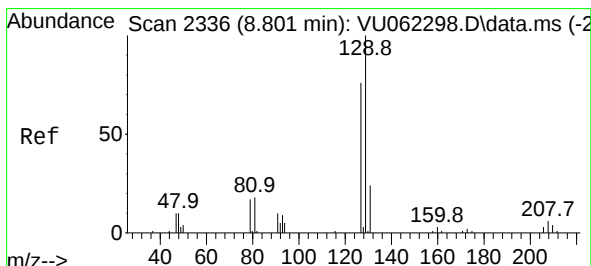
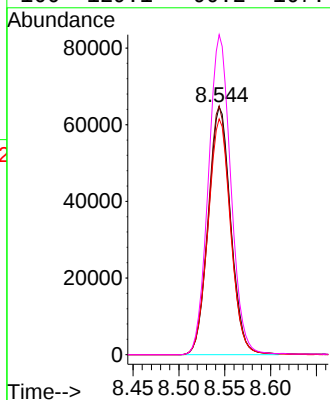
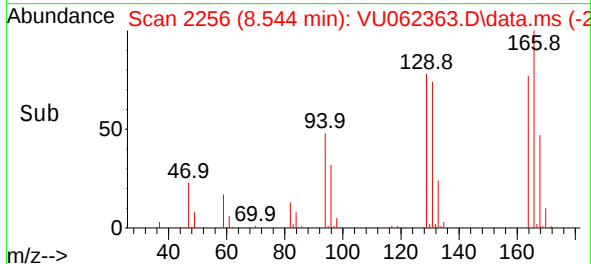


#47
Tetrachloroethene
Concen: 18.357 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. 0.000 min
Lab File: VU062363.D
Acq: 17 Dec 2024 02:46

Instrument :
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ClientSampleId :

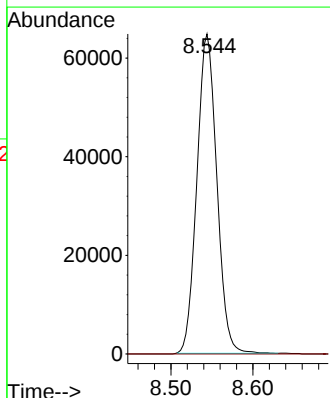
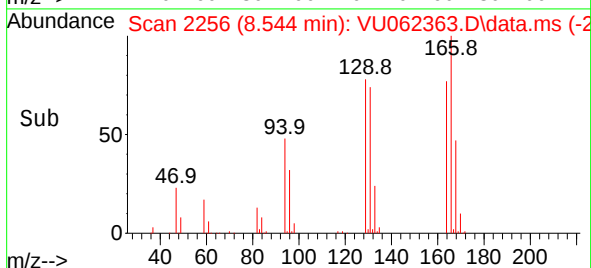
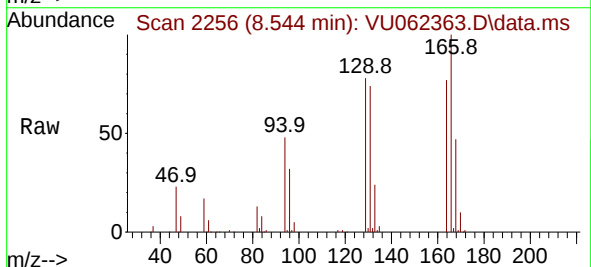


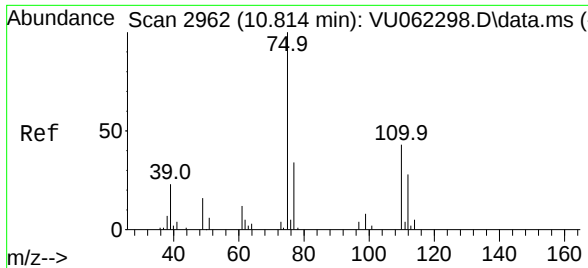
Tgt Ion:164 Resp: 109867
Ion Ratio Lower Upper
164 100
129 100.4 73.2 136.0
131 95.1 72.3 134.3
166 129.1 90.2 167.4



#49
Dibromochloromethane
Concen: 17.926 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. -0.257 min
Lab File: VU062363.D
Acq: 17 Dec 2024 02:46

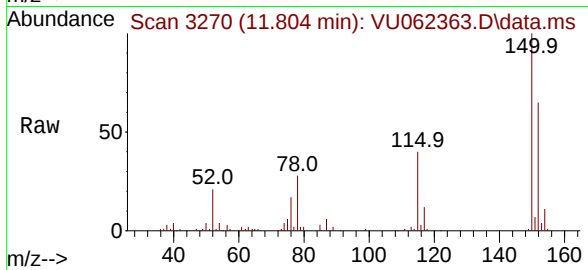
Tgt Ion:129 Resp: 108954
Ion Ratio Lower Upper
129 100
127 0.0 51.1 94.9#





#61
 1,2,3-Trichloropropane
 Concen: 1.171 ug/L
 RT: 11.804 min Scan# 31
 Delta R.T. 0.994 min
 Lab File: VU062363.D
 Acq: 17 Dec 2024 02:46

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 4540
 Ion Ratio Lower Upper
 75 100
 110 0.6 28.9 43.3#
 77 30.4 26.5 39.7

