

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122624\
 Data File : VU062593.D
 Acq On : 26 Dec 2024 23:56
 Operator : MD/SY
 Sample : P5344-03
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 27 01:08:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 27 01:06:59 2024
 Response via : Initial Calibration

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

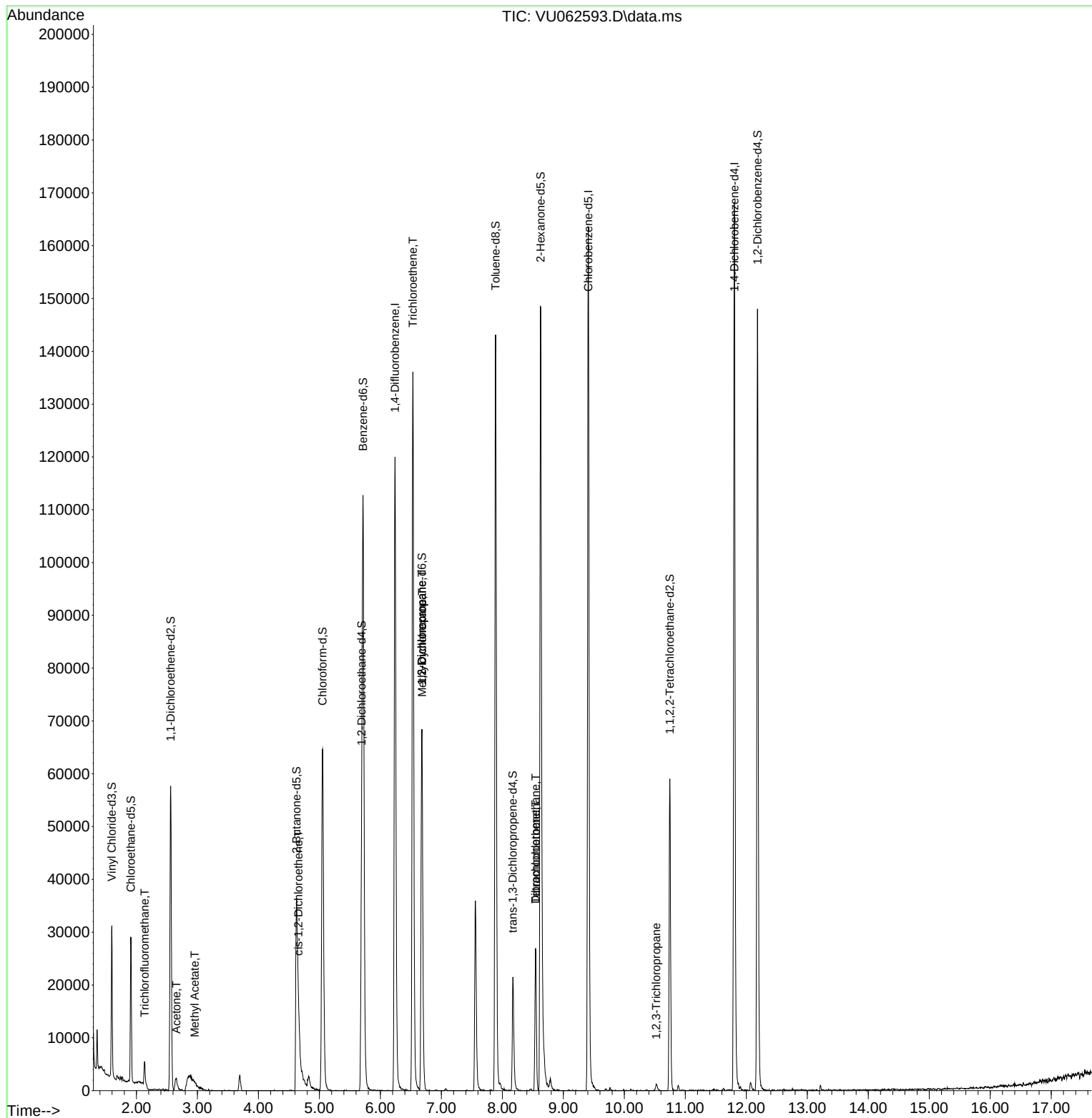
Internal Standards						
1) 1,4-Difluorobenzene	6.239	114	101062	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	95054	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	47647	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	19554	2.868	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	57.400%
7) Chloroethane-d5	1.908	69	18950	3.908	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.200%
11) 1,1-Dichloroethene-d2	2.560	65	11740	3.620	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.400%
20) 2-Butanone-d5	4.625	46	61821	47.321	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.640%
24) Chloroform-d	5.049	84	62673	4.248	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.000%
26) 1,2-Dichloroethane-d4	5.692	65	35099	4.838	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.800%
32) Benzene-d6	5.715	84	105921	3.869	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.400%
36) 1,2-Dichloropropane-d6	6.679	67	30535	3.898	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	78.000%
41) Toluene-d8	7.888	98	100009	3.867	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.400%
43) trans-1,3-Dichloroprop...	8.171	79	14032	4.070	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.400%
46) 2-Hexanone-d5	8.624	63	55543	53.396	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.800%
56) 1,1,2,2-Tetrachloroeth...	10.747	84	27921	4.581	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.600%
66) 1,2-Dichlorobenzene-d4	12.184	152	41475	4.724	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.400%
Target Compounds						Qvalue
9) Trichlorofluoromethane	2.133	101	2964	0.221	ug/L	95
13) Acetone	2.654	43	4510	5.070	ug/L	93
15) Methyl Acetate	2.956	43	727	0.326	ug/L #	51
22) cis-1,2-Dichloroethene	4.657	96	2368	0.301	ug/L	78
34) Trichloroethene	6.531	95	47883	5.739	ug/L	99
35) Methylcyclohexane	6.682	83	8819	0.713	ug/L #	20
37) 1,2-Dichloropropane	6.679	63	3718	0.518	ug/L #	87
47) Tetrachloroethene	8.544	164	6071	0.942	ug/L	96
49) Dibromochloromethane	8.544	129	6263	0.957	ug/L #	13
61) 1,2,3-Trichloropropane	10.522	75	1171	0.266	ug/L #	40

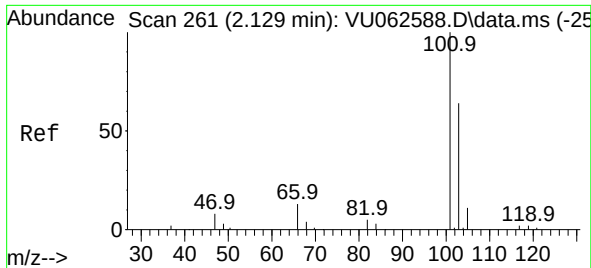
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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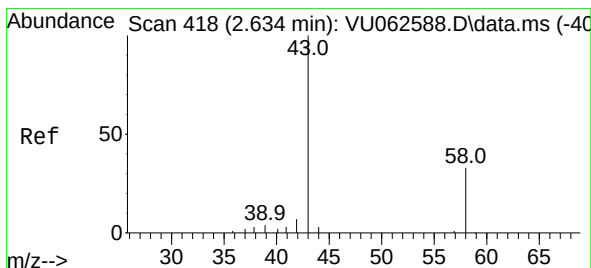
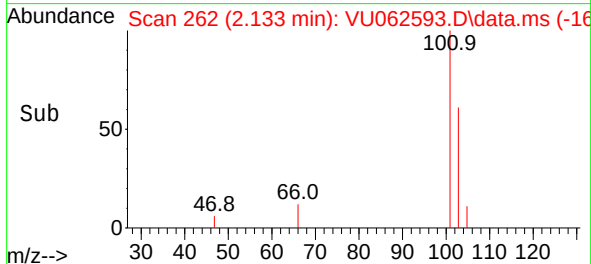
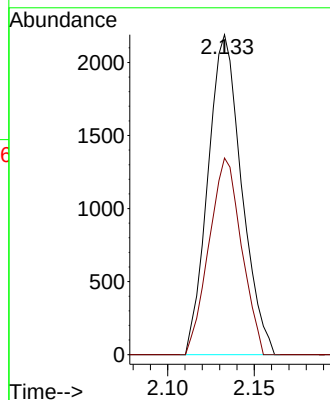
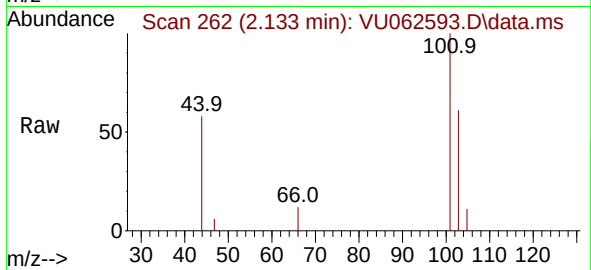




#9
Trichlorofluoromethane
Concen: 0.221 ug/L
RT: 2.133 min Scan# 20
Delta R.T. 0.003 min
Lab File: VU062593.D
Acq: 26 Dec 2024 23:56

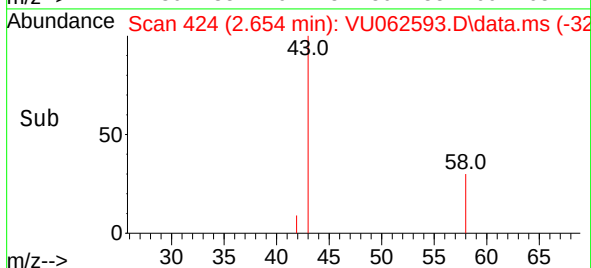
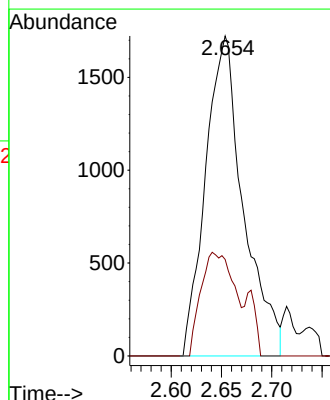
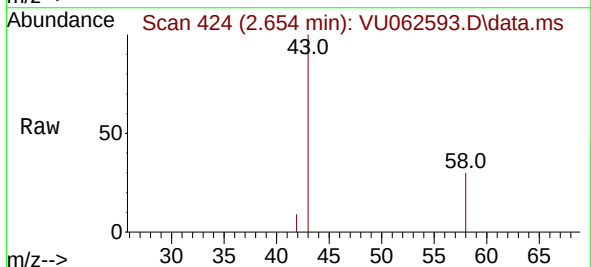
Instrument :
MSVOA_U
ClientSampleId :

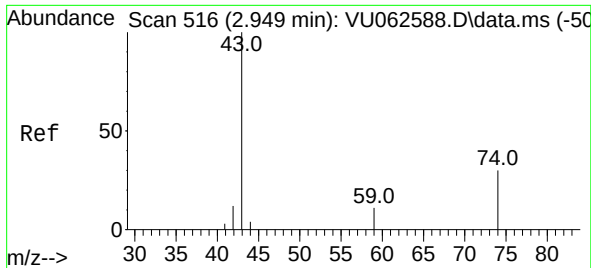
Tgt Ion:101 Resp: 2964
Ion Ratio Lower Upper
101 100
103 59.3 50.6 75.8



#13
Acetone
Concen: 5.070 ug/L
RT: 2.654 min Scan# 424
Delta R.T. 0.020 min
Lab File: VU062593.D
Acq: 26 Dec 2024 23:56

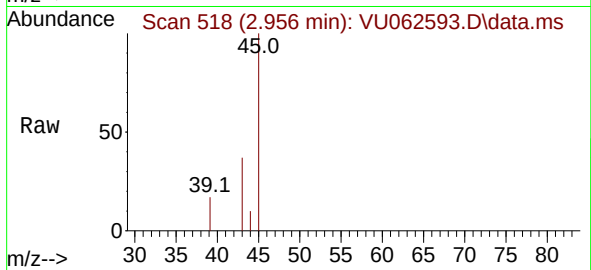
Tgt Ion: 43 Resp: 4510
Ion Ratio Lower Upper
43 100
58 28.1 0.0 64.0



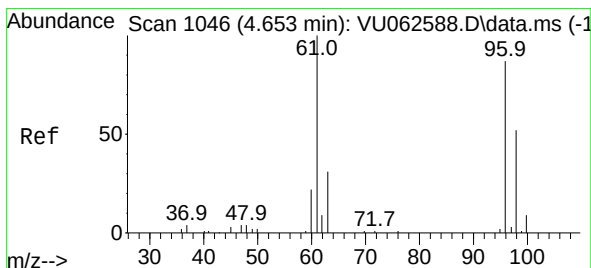
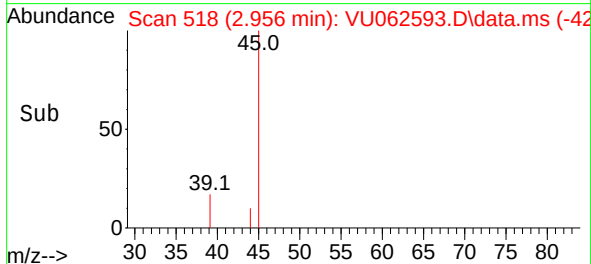
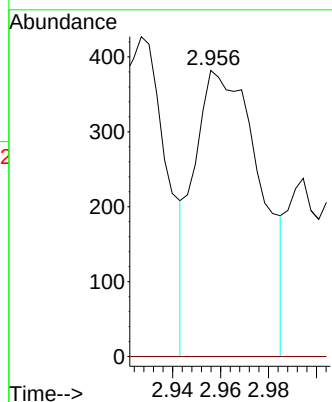


#15
Methyl Acetate
Concen: 0.326 ug/L
RT: 2.956 min Scan# 516
Delta R.T. 0.007 min
Lab File: VU062593.D
Acq: 26 Dec 2024 23:56

Instrument :
MSVOA_U
ClientSampleId :

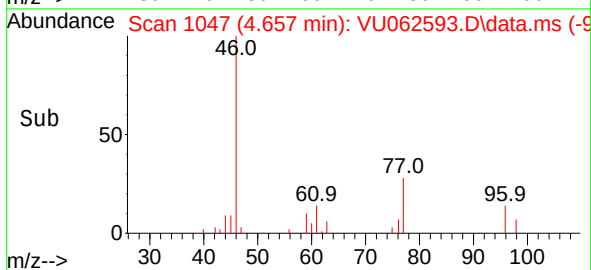
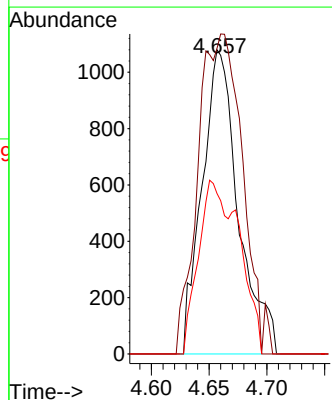
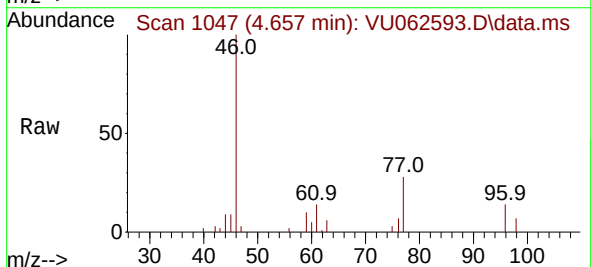


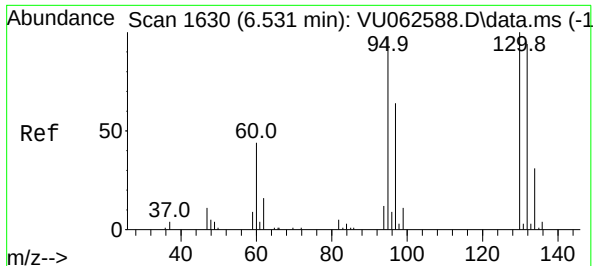
Tgt Ion: 43 Resp: 727
Ion Ratio Lower Upper
43 100
74 0.0 19.4 29.2#



#22
cis-1,2-Dichloroethene
Concen: 0.301 ug/L
RT: 4.657 min Scan# 1047
Delta R.T. 0.003 min
Lab File: VU062593.D
Acq: 26 Dec 2024 23:56

Tgt Ion: 96 Resp: 2368
Ion Ratio Lower Upper
96 100
61 100.5 92.0 170.8
98 52.8 44.5 82.7





#34

Trichloroethene

Concen: 5.739 ug/L

RT: 6.531 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU062593.D

Acq: 26 Dec 2024 23:56

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 47883

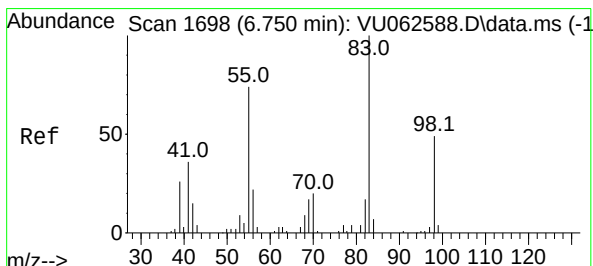
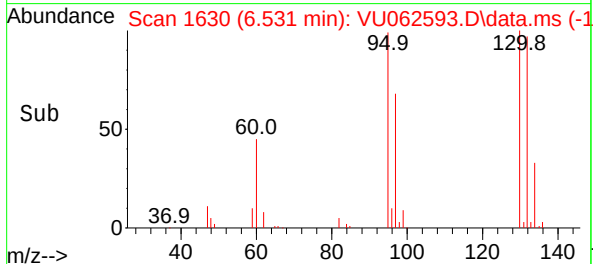
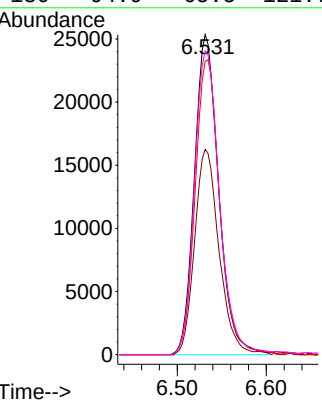
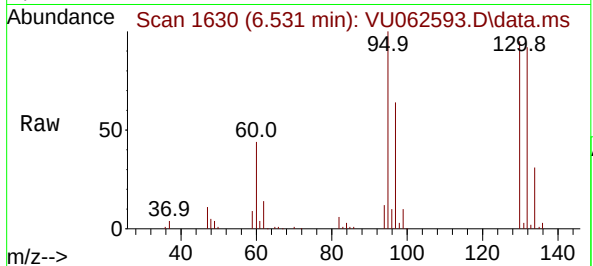
Ion Ratio Lower Upper

95 100

97 64.1 45.9 85.3

132 91.7 63.8 118.4

130 94.9 65.5 121.7



#35

Methylcyclohexane

Concen: 0.713 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.067 min

Lab File: VU062593.D

Acq: 26 Dec 2024 23:56

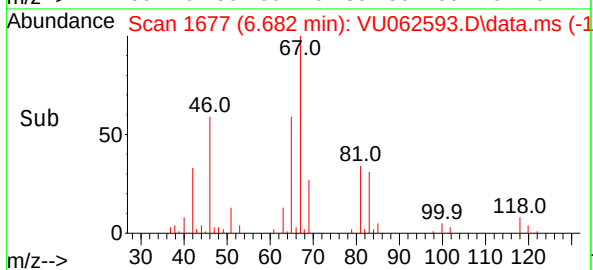
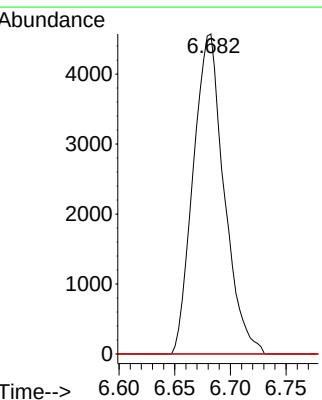
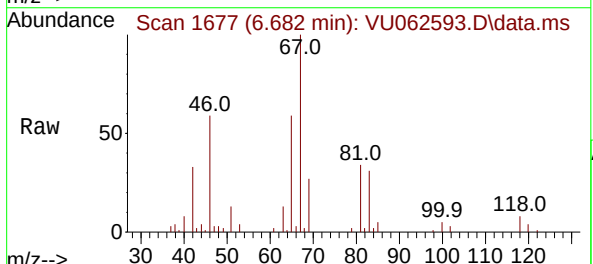
Tgt Ion: 83 Resp: 8819

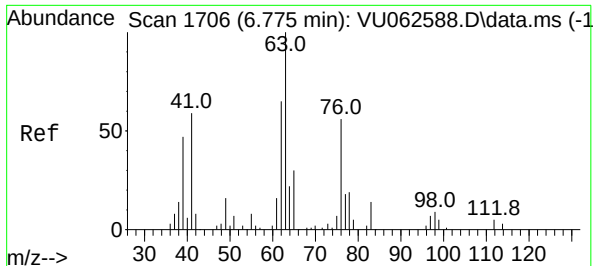
Ion Ratio Lower Upper

83 100

55 0.0 60.7 91.1#

98 1.6 34.8 52.2#

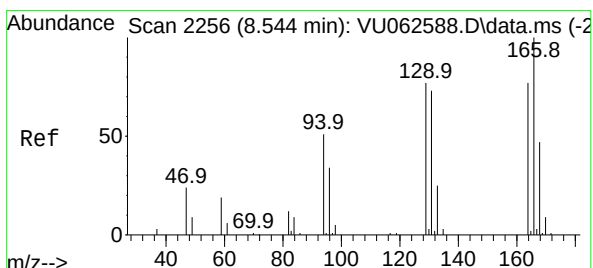
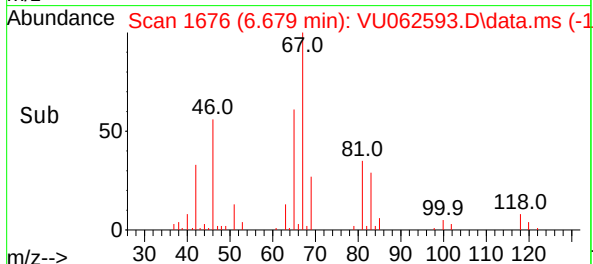
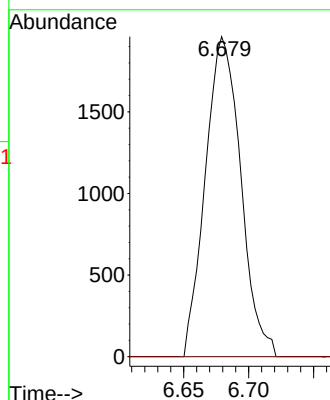
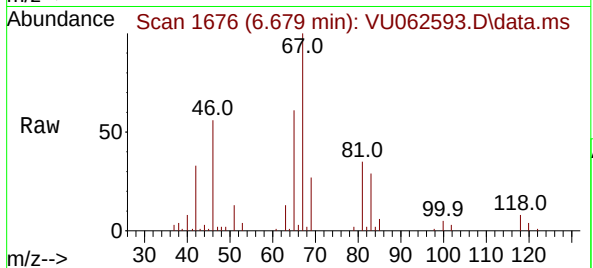




#37
1,2-Dichloropropane
Concen: 0.518 ug/L
RT: 6.679 min Scan# 1
Delta R.T. -0.096 min
Lab File: VU062593.D
Acq: 26 Dec 2024 23:56

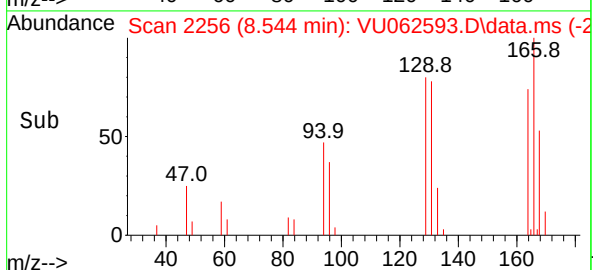
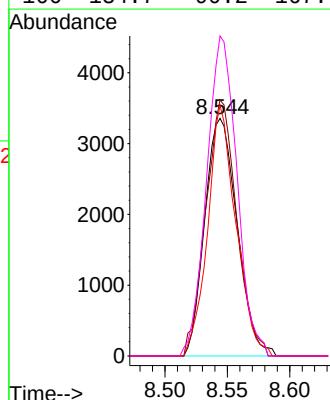
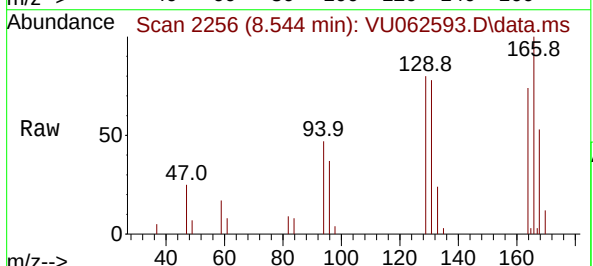
Instrument :
MSVOA_U
ClientSampleId :

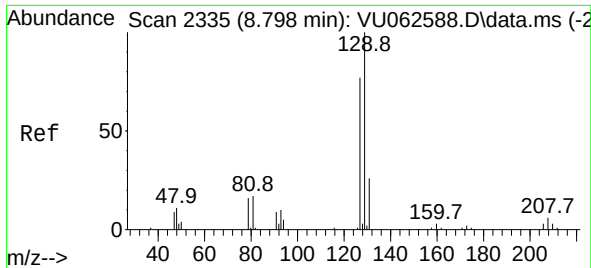
Tgt Ion: 63 Resp: 3718
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



#47
Tetrachloroethene
Concen: 0.942 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. 0.000 min
Lab File: VU062593.D
Acq: 26 Dec 2024 23:56

Tgt Ion:164 Resp: 6071
Ion Ratio Lower Upper
164 100
129 107.8 73.2 136.0
131 105.4 72.3 134.3
166 134.7 90.2 167.4

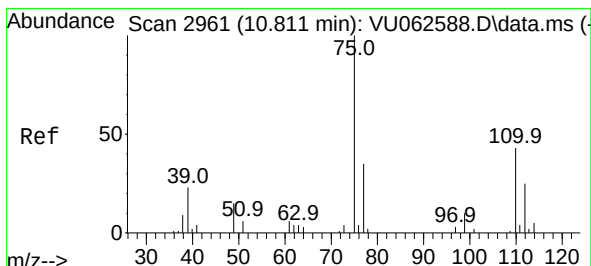
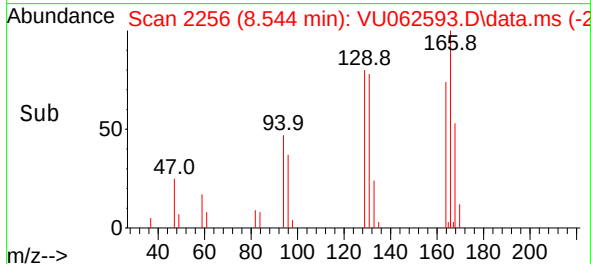
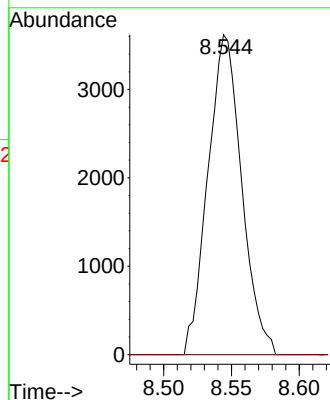
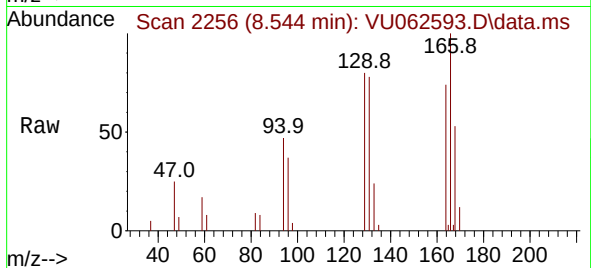




#49
Dibromochloromethane
Concen: 0.957 ug/L
RT: 8.544 min Scan# 21
Delta R.T. -0.254 min
Lab File: VU062593.D
Acq: 26 Dec 2024 23:56

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:129 Resp: 6263
Ion Ratio Lower Upper
129 100
127 0.0 51.1 94.9#



#61
1,2,3-Trichloropropane
Concen: 0.266 ug/L
RT: 10.522 min Scan# 2871
Delta R.T. -0.289 min
Lab File: VU062593.D
Acq: 26 Dec 2024 23:56

Tgt Ion: 75 Resp: 1171
Ion Ratio Lower Upper
75 100
110 0.0 28.9 43.3#
77 0.0 26.5 39.7#

