

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121324\
 Data File : VU062308.D
 Acq On : 13 Dec 2024 13:20
 Operator : MD/SY
 Sample : P5262-01
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 14 03:48:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Dec 14 03:45:56 2024
 Response via : Initial Calibration

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

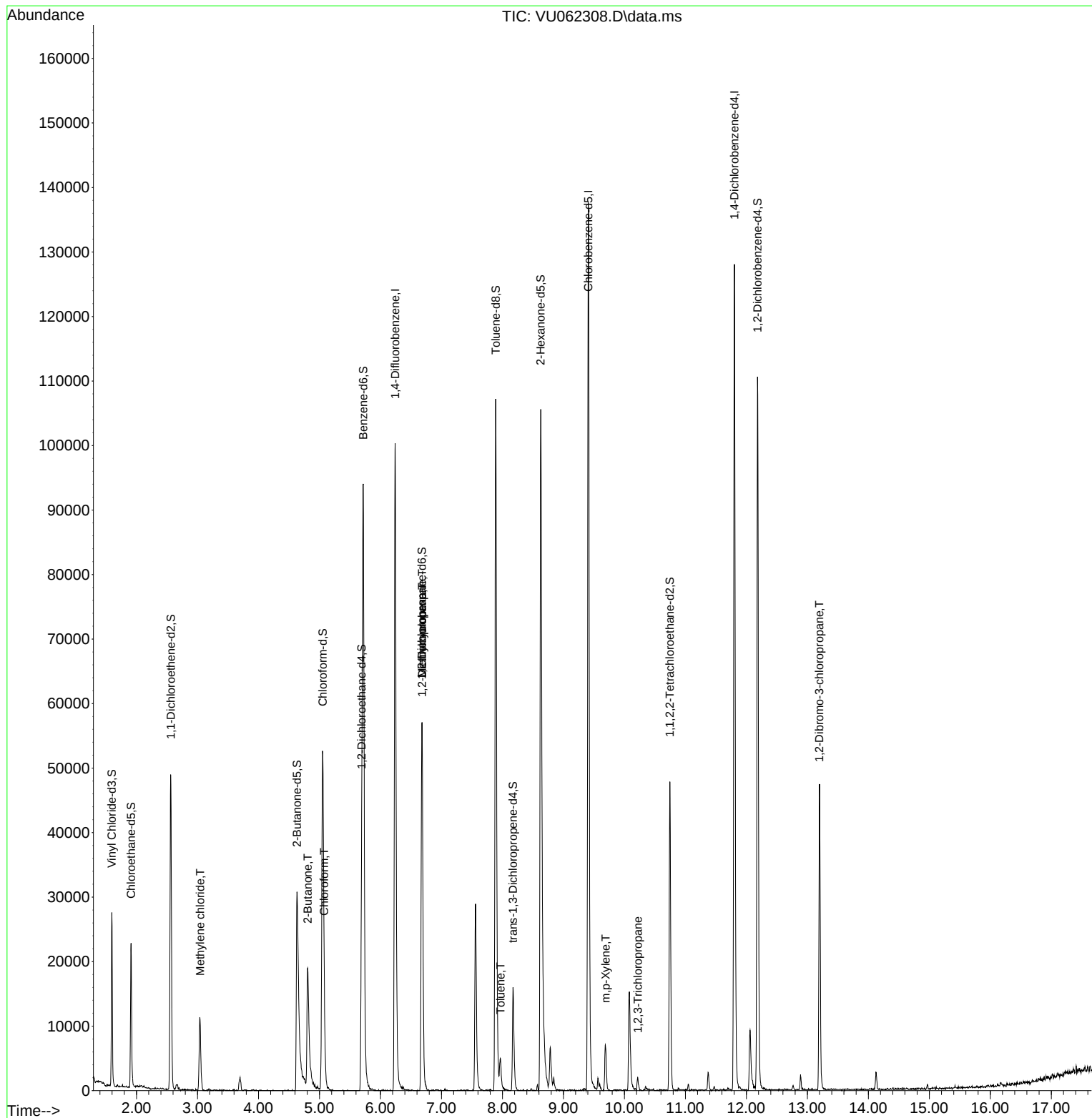
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	85948	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	80318	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	37830	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	18976	3.273	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	65.400%
7) Chloroethane-d5	1.911	69	16801	4.074	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.400%
11) 1,1-Dichloroethene-d2	2.563	65	9614	3.486	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.800%
20) 2-Butanone-d5	4.631	46	51386	46.250	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.500%
24) Chloroform-d	5.052	84	50803	4.049	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.000%
26) 1,2-Dichloroethane-d4	5.692	65	27908	4.523	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.400%
32) Benzene-d6	5.717	84	89897	3.886	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.800%
36) 1,2-Dichloropropane-d6	6.679	67	28006	4.231	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.600%
41) Toluene-d8	7.891	98	78096	3.574	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.400%
43) trans-1,3-Dichloroprop...	8.174	79	11097	3.809	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.200%
46) 2-Hexanone-d5	8.627	63	39302	44.715	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.440%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	22956	4.457	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.200%
66) 1,2-Dichlorobenzene-d4	12.183	152	31228	4.480	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.600%
Target Compounds						Qvalue
16) Methylene chloride	3.042	84	6202	1.018	ug/L	92
21) 2-Butanone	4.808	43	28713	26.136	ug/L #	45
25) Chloroform	5.078	83	5286	0.429	ug/L	87
35) Methylcyclohexane	6.682	83	6997	0.669	ug/L #	19
37) 1,2-Dichloropropane	6.685	63	3223	0.532	ug/L #	87
42) Toluene	7.968	91	4050	0.151	ug/L	95
53) m,p-Xylene	9.692	106	2341	0.211	ug/L	71
61) 1,2,3-Trichloropropane	10.219	75	514	0.147	ug/L #	62
68) 1,2-Dibromo-3-chloropr...	13.196	75	269	0.353	ug/L #	9

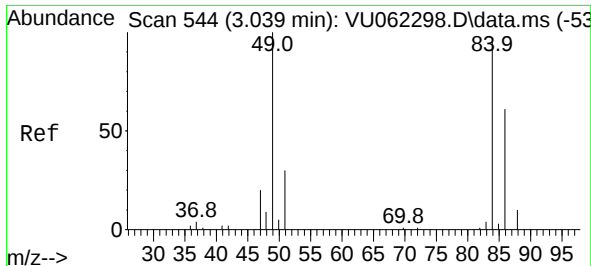
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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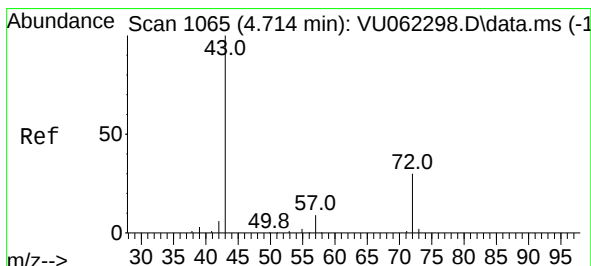
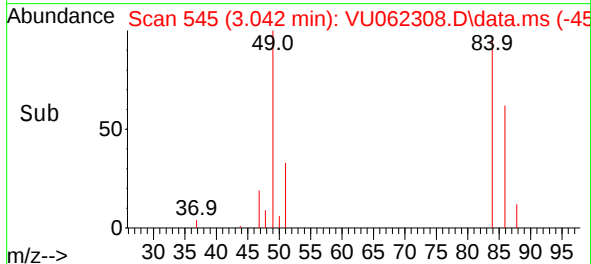
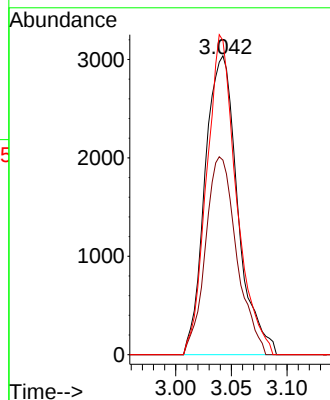
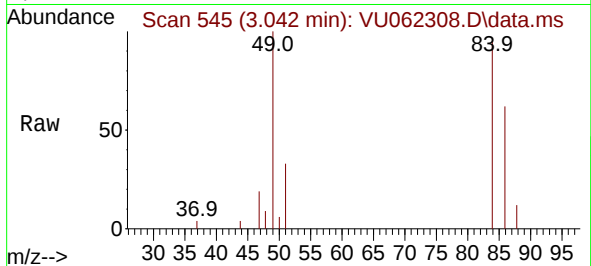




#16
Methylene chloride
Concen: 1.018 ug/L
RT: 3.042 min Scan# 544
Delta R.T. 0.003 min
Lab File: VU062308.D
Acq: 13 Dec 2024 13:20

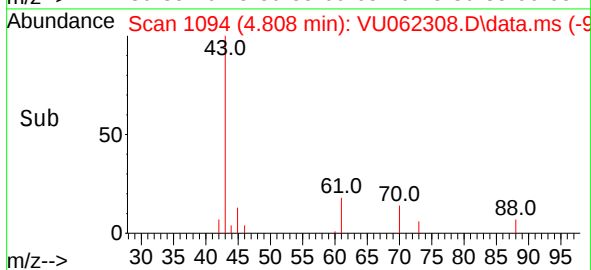
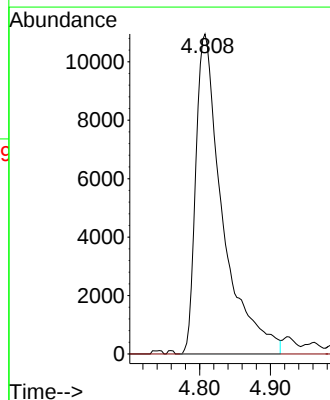
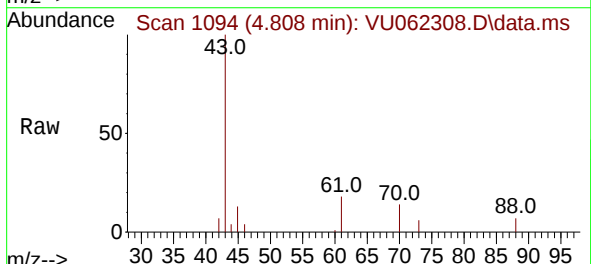
Instrument :
MSVOA_U
ClientSampleId :

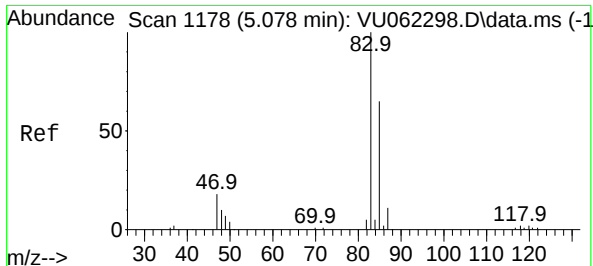
Tgt Ion: 84 Resp: 6202
Ion Ratio Lower Upper
84 100
86 65.1 43.5 80.7
49 105.1 81.9 152.1



#21
2-Butanone
Concen: 26.136 ug/L
RT: 4.808 min Scan# 1094
Delta R.T. 0.093 min
Lab File: VU062308.D
Acq: 13 Dec 2024 13:20

Tgt Ion: 43 Resp: 28713
Ion Ratio Lower Upper
43 100
72 0.0 14.8 44.4#

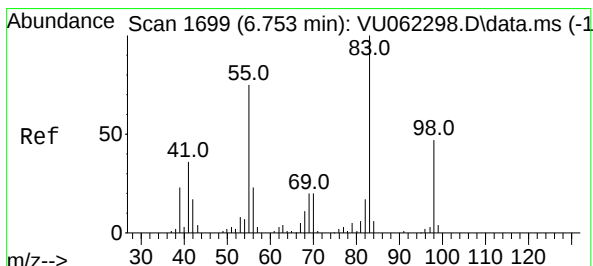
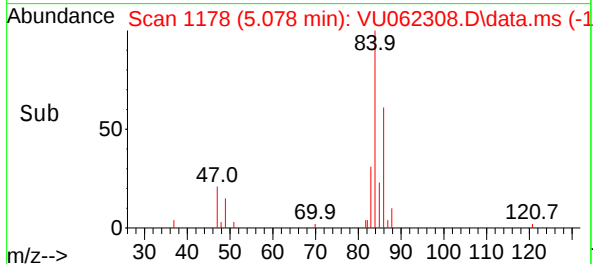
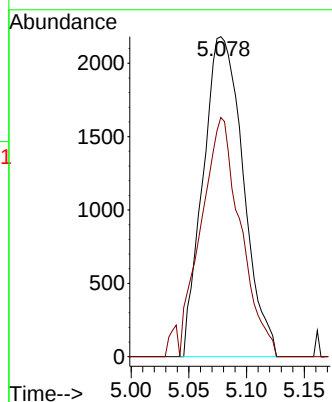
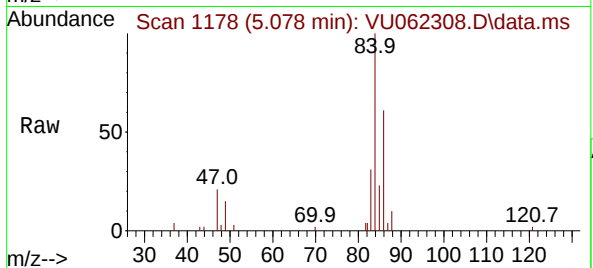




#25
Chloroform
Concen: 0.429 ug/L
RT: 5.078 min Scan# 1178
Delta R.T. -0.000 min
Lab File: VU062308.D
Acq: 13 Dec 2024 13:20

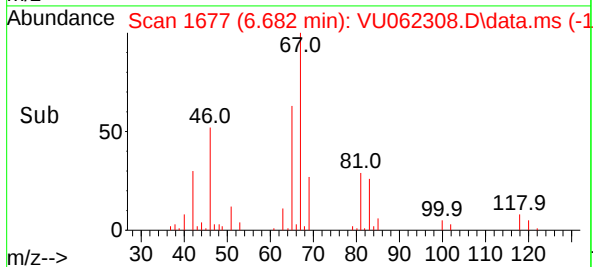
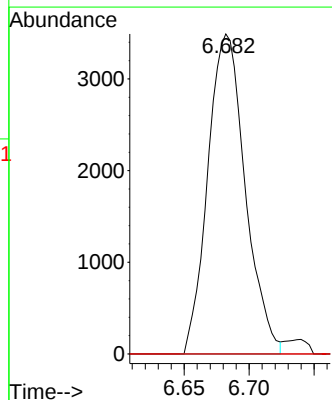
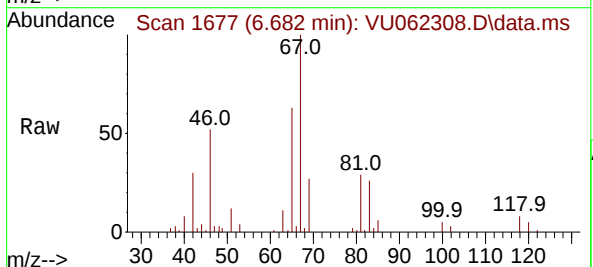
Instrument :
MSVOA_U
ClientSampleId :

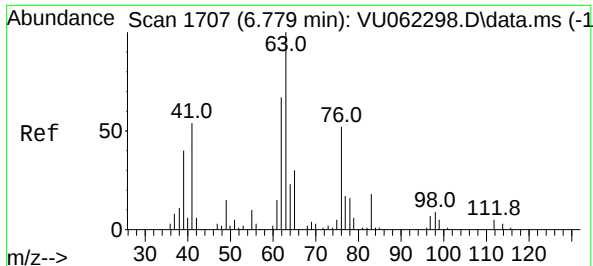
Tgt Ion: 83 Resp: 5286
Ion Ratio Lower Upper
83 100
85 74.7 45.4 84.2



#35
Methylcyclohexane
Concen: 0.669 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.071 min
Lab File: VU062308.D
Acq: 13 Dec 2024 13:20

Tgt Ion: 83 Resp: 6997
Ion Ratio Lower Upper
83 100
55 0.0 60.7 91.1#
98 0.0 34.8 52.2#

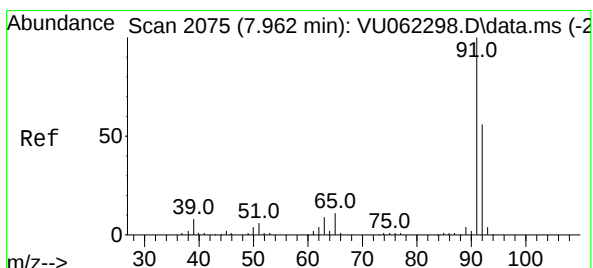
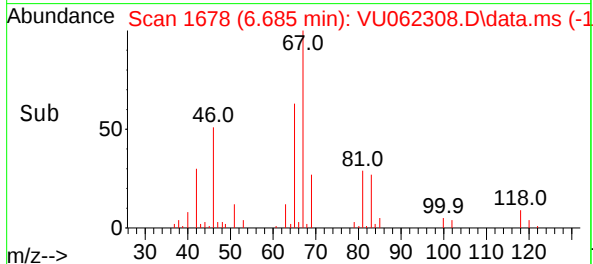
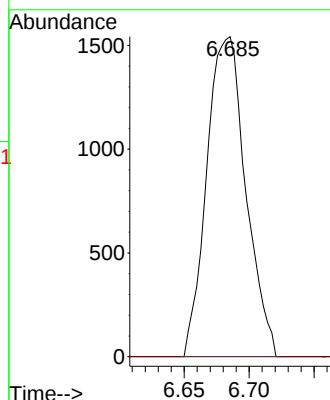
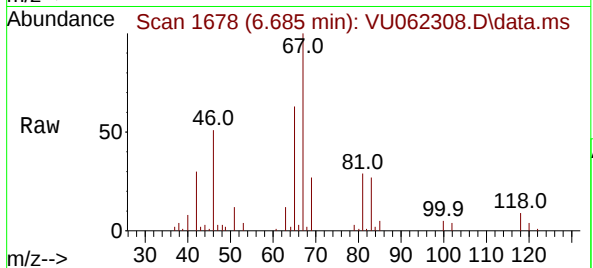




#37
1,2-Dichloropropane
Concen: 0.532 ug/L
RT: 6.685 min Scan# 1
Delta R.T. -0.093 min
Lab File: VU062308.D
Acq: 13 Dec 2024 13:20

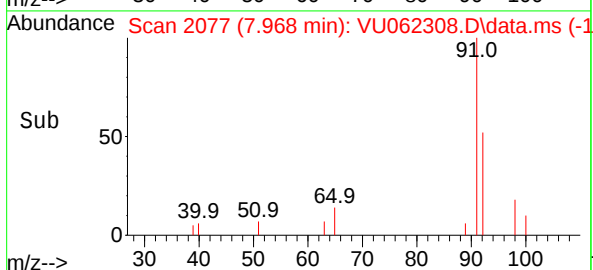
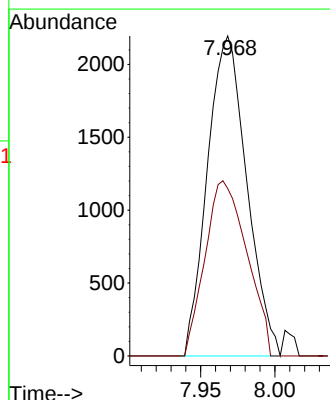
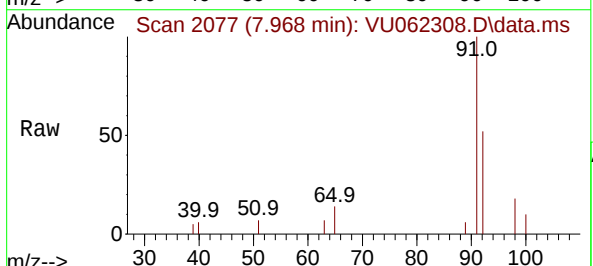
Instrument :
MSVOA_U
ClientSampleId :

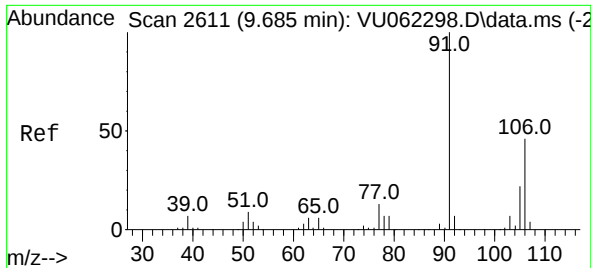
Tgt Ion: 63 Resp: 3223
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



#42
Toluene
Concen: 0.151 ug/L
RT: 7.968 min Scan# 2077
Delta R.T. 0.006 min
Lab File: VU062308.D
Acq: 13 Dec 2024 13:20

Tgt Ion: 91 Resp: 4050
Ion Ratio Lower Upper
91 100
92 52.3 39.0 72.4





#53

m,p-Xylene

Concen: 0.211 ug/L

RT: 9.692 min Scan# 2

Delta R.T. 0.006 min

Lab File: VU062308.D

Acq: 13 Dec 2024 13:20

Instrument :

MSVOA_U

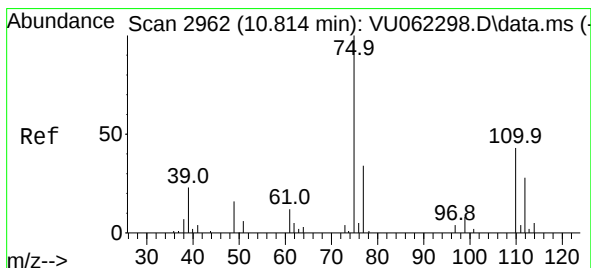
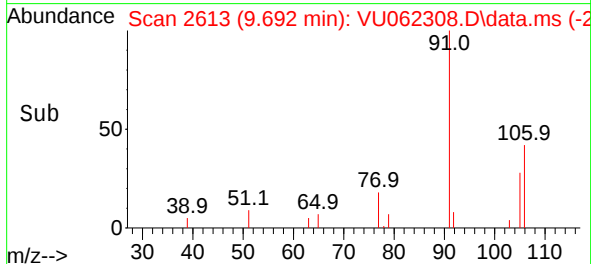
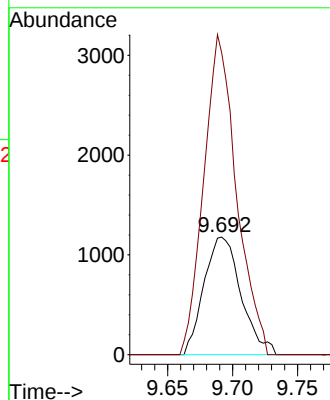
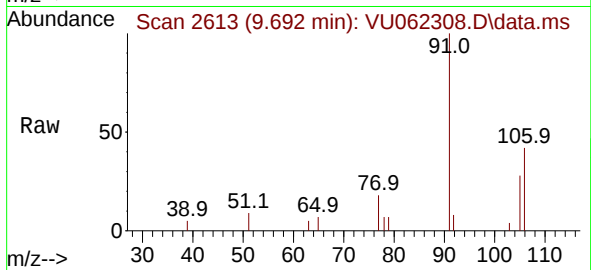
ClientSampleId :

Tgt Ion:106 Resp: 2341

Ion Ratio Lower Upper

106 100

91 256.8 147.6 274.0



#61

1,2,3-Trichloropropane

Concen: 0.147 ug/L

RT: 10.219 min Scan# 2777

Delta R.T. -0.595 min

Lab File: VU062308.D

Acq: 13 Dec 2024 13:20

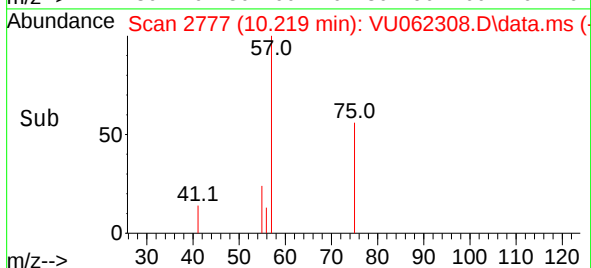
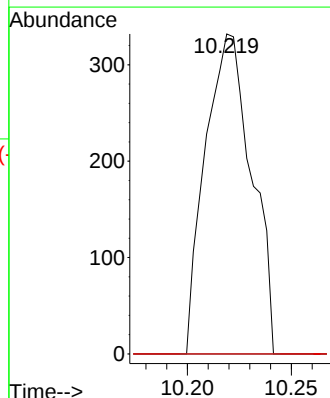
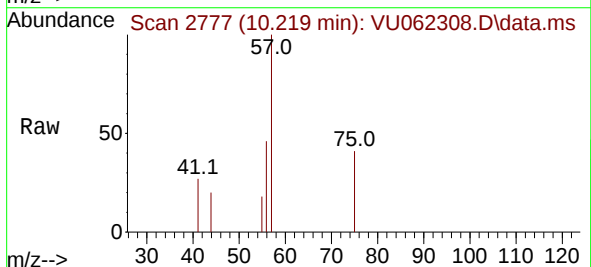
Tgt Ion: 75 Resp: 514

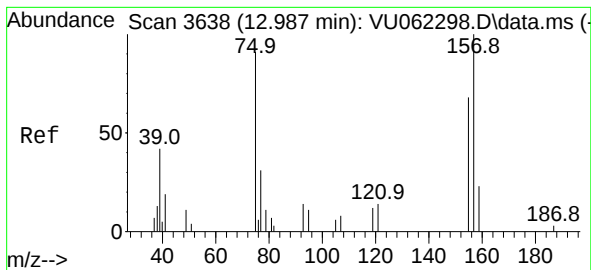
Ion Ratio Lower Upper

75 100

110 0.0 28.9 43.3#

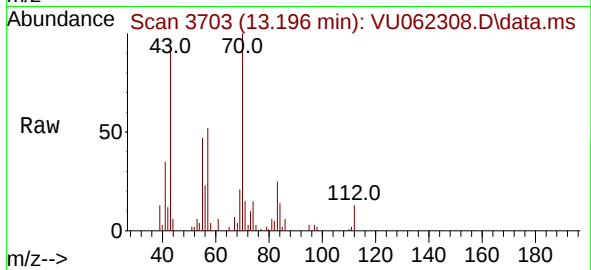
77 25.7 26.5 39.7#





#68
1,2-Dibromo-3-chloropropane
Concen: 0.353 ug/L
RT: 13.196 min Scan# 31
Delta R.T. 0.209 min
Lab File: VU062308.D
Acq: 13 Dec 2024 13:20

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 75 Resp: 269
Ion Ratio Lower Upper
75 100
155 0.0 55.2 82.8#
157 0.0 73.5 110.3#

