

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121624\
 Data File : VU062345.D
 Acq On : 16 Dec 2024 15:36
 Operator : MD/SY
 Sample : P5228-10
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 17 00:35:15 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)

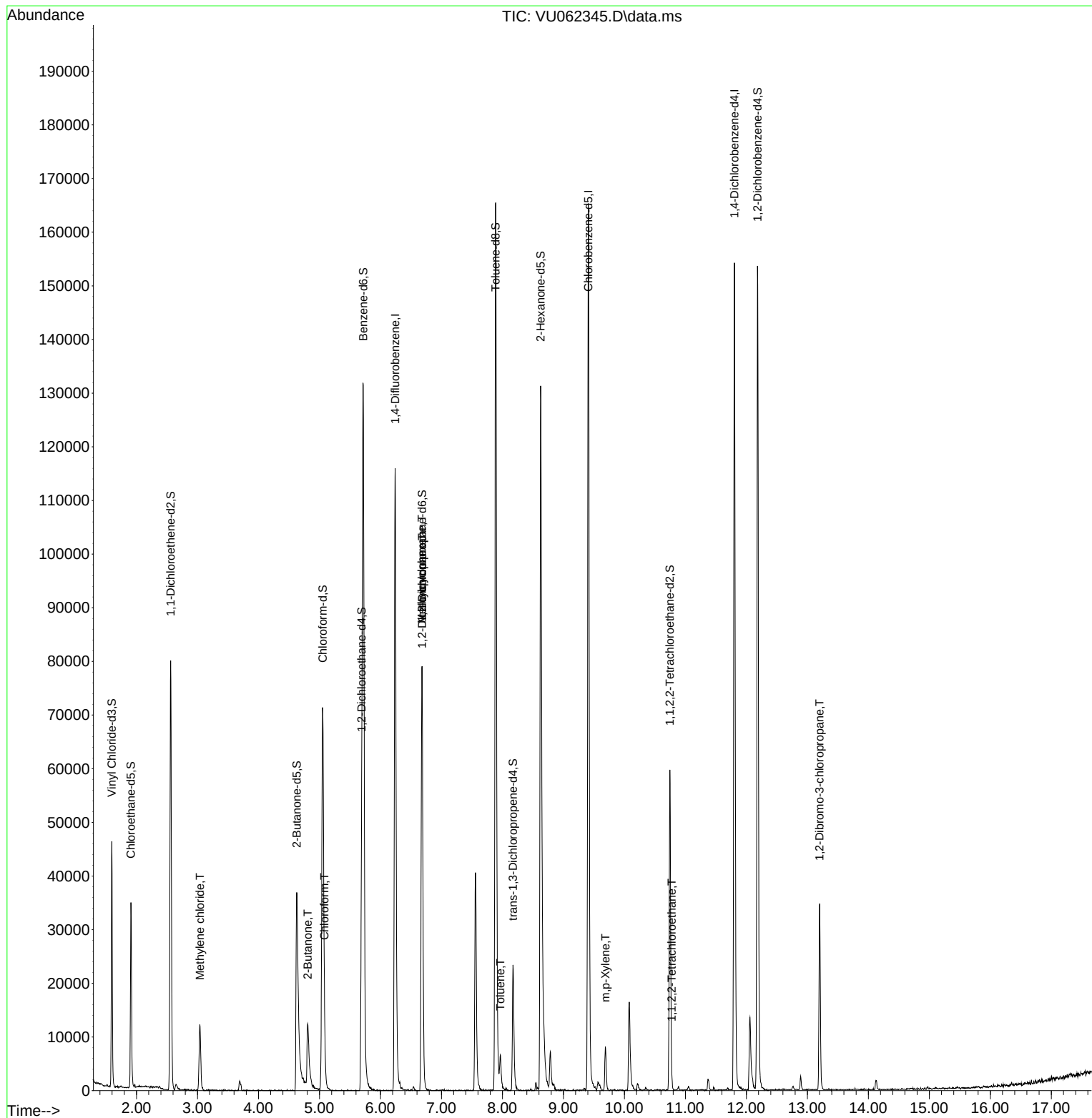
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	98374	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	94292	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	44926	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	31639	4.768	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.400%
7) Chloroethane-d5	1.907	69	24659	5.225	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.400%
11) 1,1-Dichloroethene-d2	2.560	65	15372	4.870	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.400%
20) 2-Butanone-d5	4.628	46	58890	46.309	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.620%
24) Chloroform-d	5.052	84	69563	4.844	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.800%
26) 1,2-Dichloroethane-d4	5.692	65	36610	5.184	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.600%
32) Benzene-d6	5.718	84	126515	4.659	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.200%
36) 1,2-Dichloropropane-d6	6.682	67	37128	4.778	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.600%
41) Toluene-d8	7.888	98	118113	4.604	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.000%
43) trans-1,3-Dichloroprop...	8.174	79	16037	4.689	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.800%
46) 2-Hexanone-d5	8.627	63	46069	44.646	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.300%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	28496	4.713	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.200%
66) 1,2-Dichlorobenzene-d4	12.184	152	42670	5.154	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.000%
Target Compounds						Qvalue
16) Methylene chloride	3.039	84	6720	0.964	ug/L	92
21) 2-Butanone	4.808	43	17528	13.940	ug/L #	45
25) Chloroform	5.081	83	5888	0.418	ug/L	99
35) Methylcyclohexane	6.679	83	9372	0.764	ug/L #	19
37) 1,2-Dichloropropane	6.685	63	4472	0.628	ug/L #	87
42) Toluene	7.965	91	5574	0.177	ug/L	93
53) m,p-Xylene	9.688	106	2604	0.200	ug/L	90
57) 1,1,2,2-Tetrachloroethane	10.775	83	627	0.100	ug/L #	94
68) 1,2-Dibromo-3-chloropr...	13.200	75	116	0.128	ug/L #	9

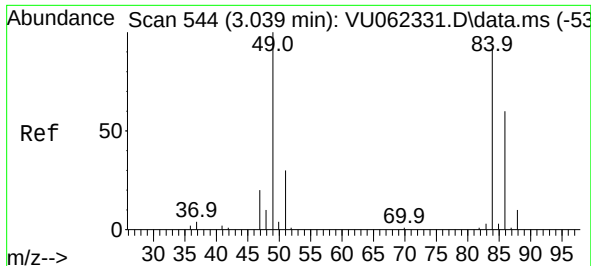
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#16

Methylene chloride

Concen: 0.964 ug/L

RT: 3.039 min Scan# 544

Delta R.T. 0.000 min

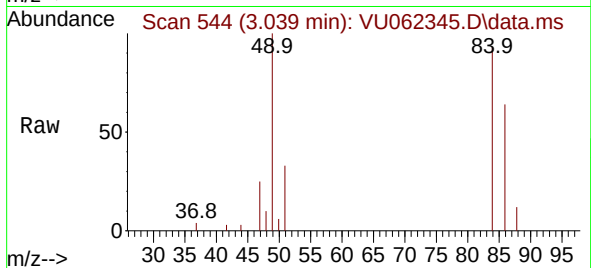
Lab File: VU062345.D

Acq: 16 Dec 2024 15:36

Instrument :

MSVOA_U

ClientSampleId :



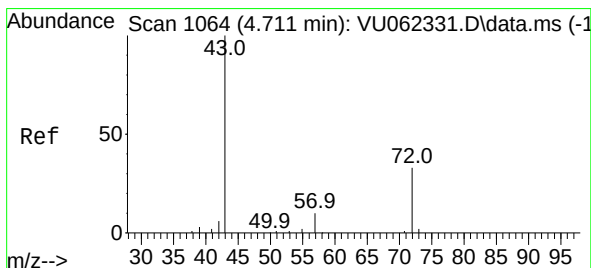
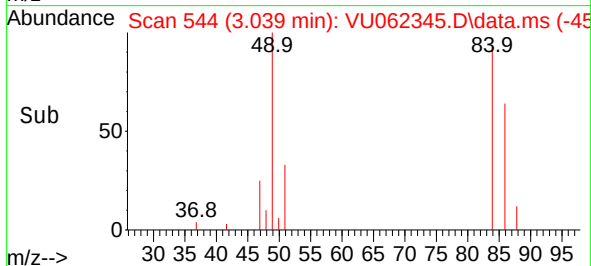
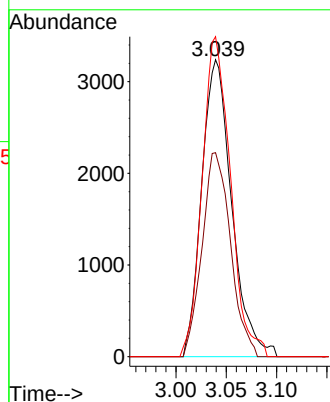
Tgt Ion: 84 Resp: 6720

Ion Ratio Lower Upper

84 100

86 68.7 43.5 80.7

49 107.8 81.9 152.1



#21

2-Butanone

Concen: 13.940 ug/L

RT: 4.808 min Scan# 1094

Delta R.T. 0.097 min

Lab File: VU062345.D

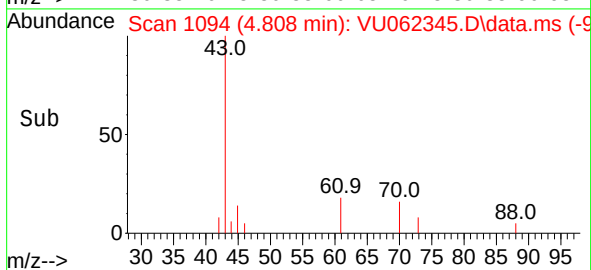
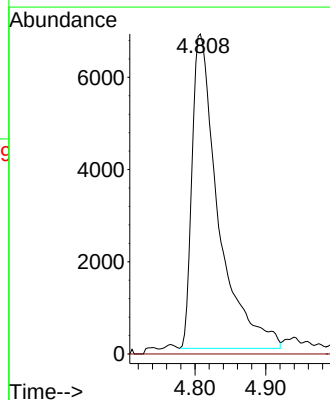
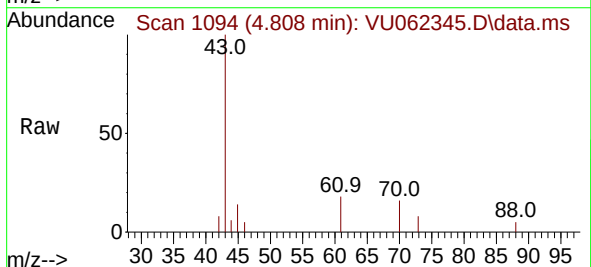
Acq: 16 Dec 2024 15:36

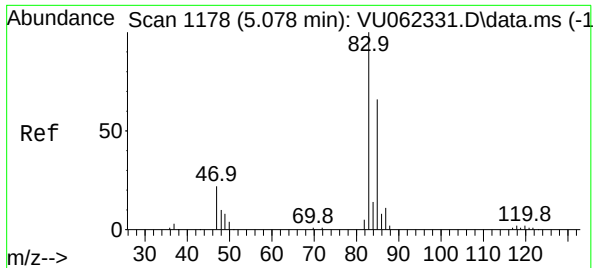
Tgt Ion: 43 Resp: 17528

Ion Ratio Lower Upper

43 100

72 0.0 14.8 44.4#





#25

Chloroform

Concen: 0.418 ug/L

RT: 5.081 min Scan# 1178

Delta R.T. 0.003 min

Lab File: VU062345.D

Acq: 16 Dec 2024 15:36

Instrument :

MSVOA_U

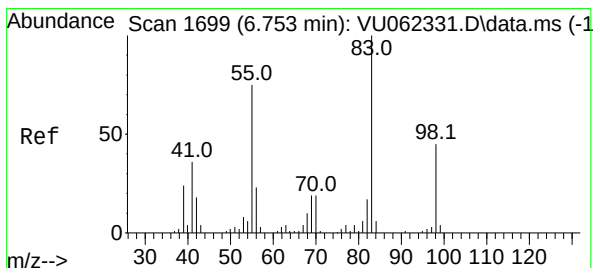
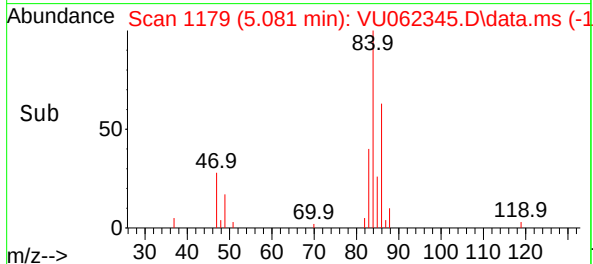
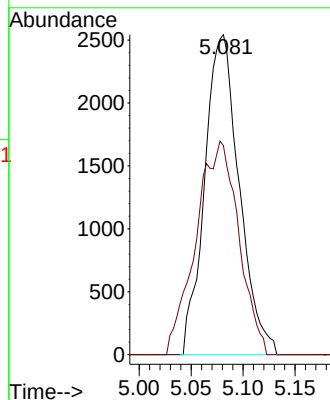
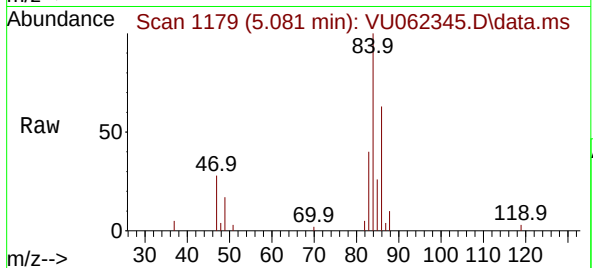
ClientSampleId :

Tgt Ion: 83 Resp: 5888

Ion Ratio Lower Upper

83 100

85 65.4 45.4 84.2



#35

Methylcyclohexane

Concen: 0.764 ug/L

RT: 6.679 min Scan# 1676

Delta R.T. -0.074 min

Lab File: VU062345.D

Acq: 16 Dec 2024 15:36

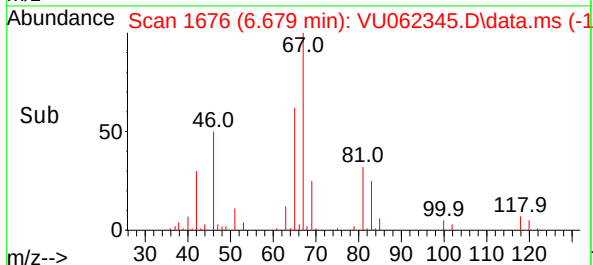
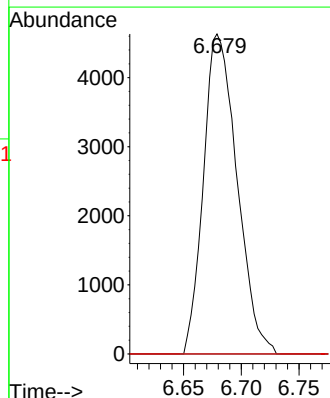
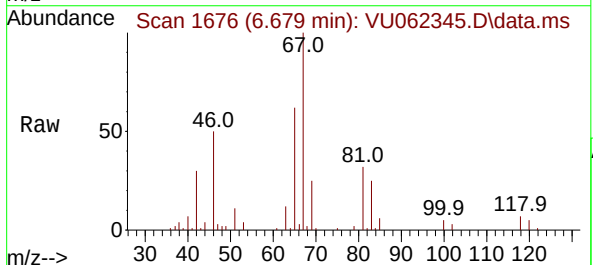
Tgt Ion: 83 Resp: 9372

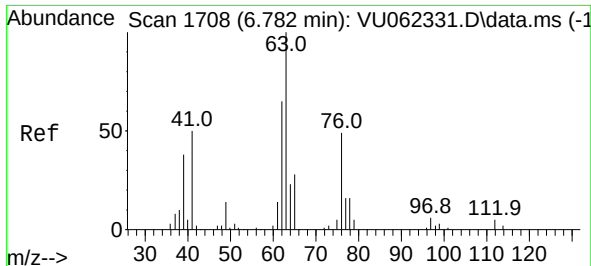
Ion Ratio Lower Upper

83 100

55 0.0 60.7 91.1#

98 0.0 34.8 52.2#

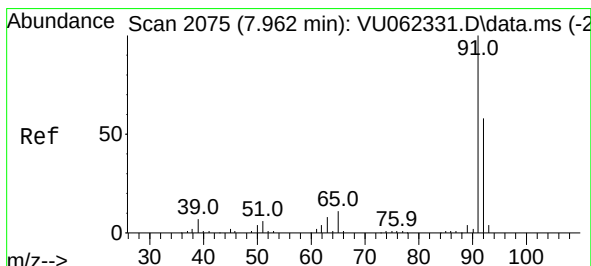
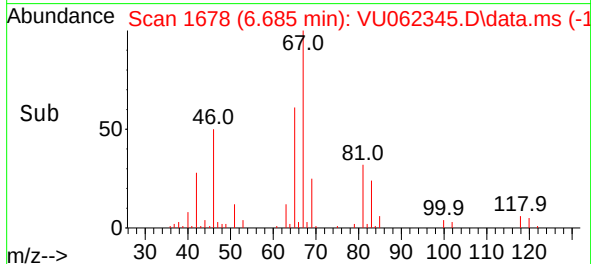
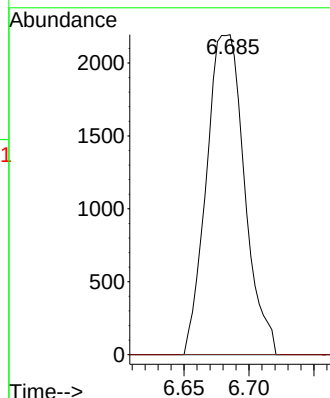
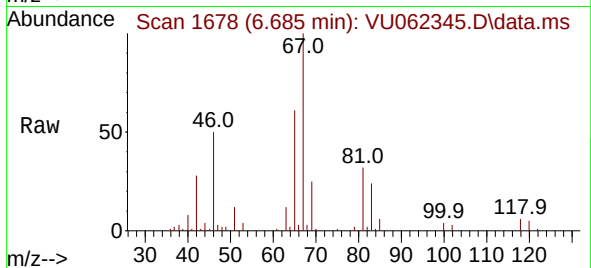




#37
1,2-Dichloropropane
Concen: 0.628 ug/L
RT: 6.685 min Scan# 1
Delta R.T. -0.096 min
Lab File: VU062345.D
Acq: 16 Dec 2024 15:36

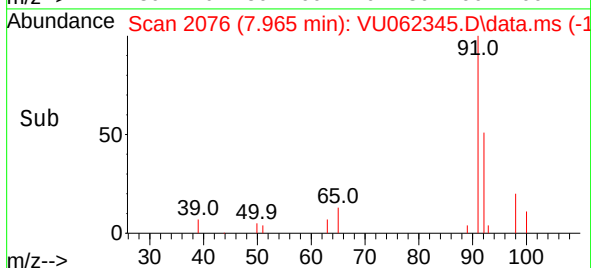
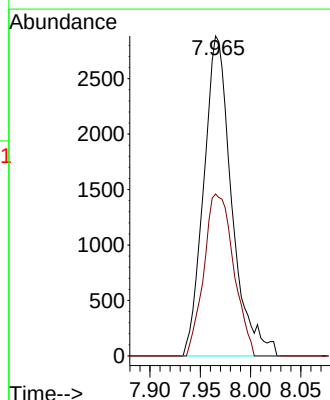
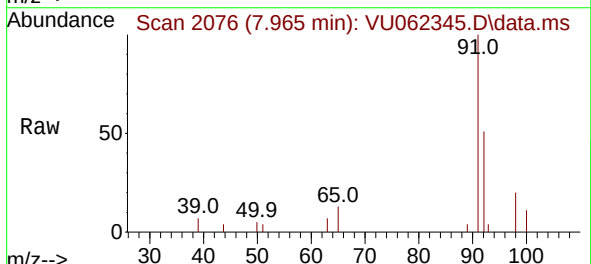
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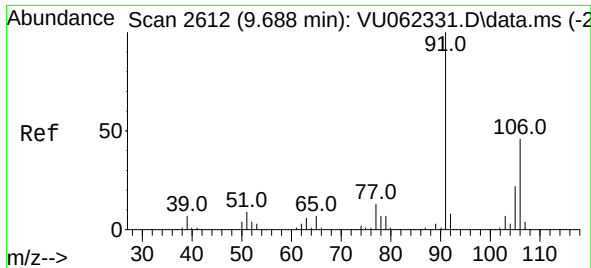
Tgt Ion: 63 Resp: 4472
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



#42
Toluene
Concen: 0.177 ug/L
RT: 7.965 min Scan# 2076
Delta R.T. 0.003 min
Lab File: VU062345.D
Acq: 16 Dec 2024 15:36

Tgt Ion: 91 Resp: 5574
Ion Ratio Lower Upper
91 100
92 50.6 39.0 72.4

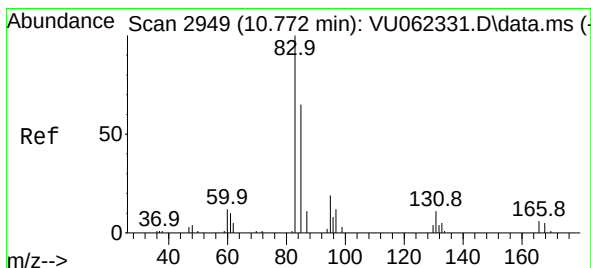
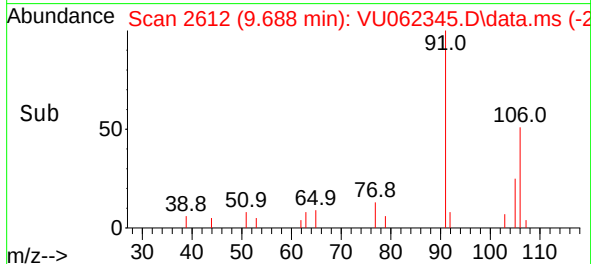
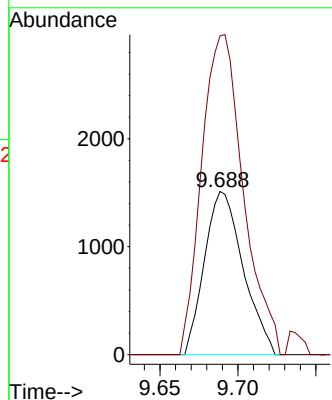
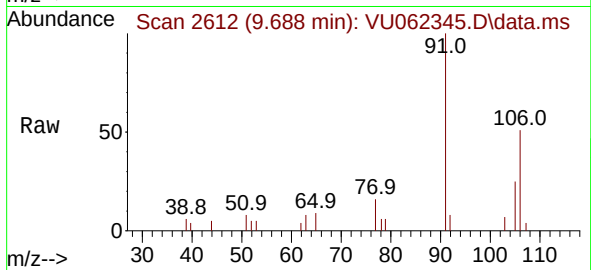




#53
m,p-Xylene
Concen: 0.200 ug/L
RT: 9.688 min Scan# 20
Delta R.T. 0.000 min
Lab File: VU062345.D
Acq: 16 Dec 2024 15:36

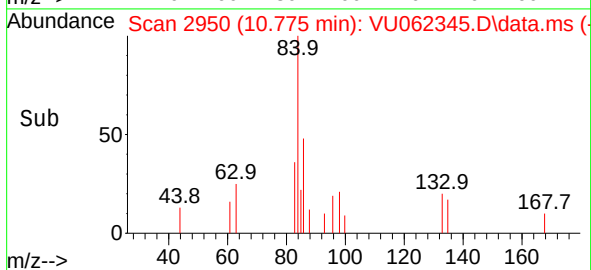
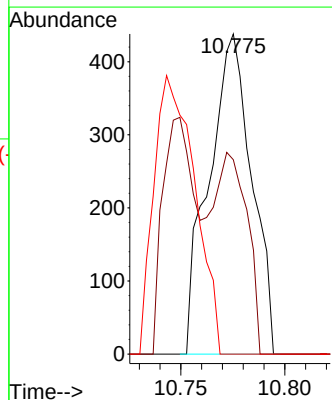
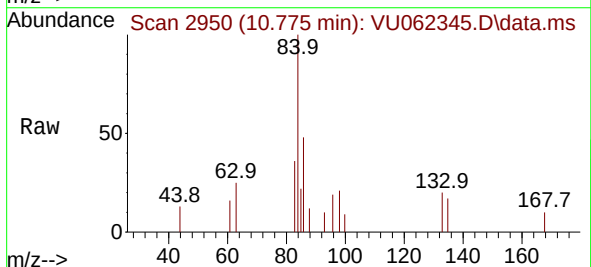
Instrument :
MSVOA_U
ClientSampleId :

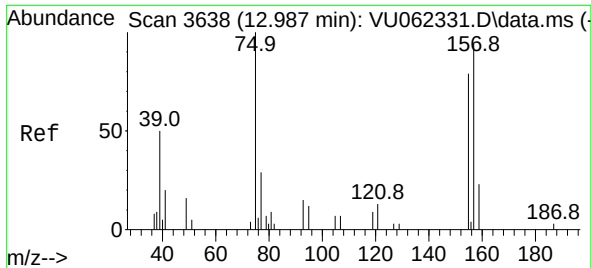
Tgt Ion:106 Resp: 2604
Ion Ratio Lower Upper
106 100
91 195.4 147.6 274.0



#57
1,1,2,2-Tetrachloroethane
Concen: 0.100 ug/L
RT: 10.775 min Scan# 2950
Delta R.T. 0.003 min
Lab File: VU062345.D
Acq: 16 Dec 2024 15:36

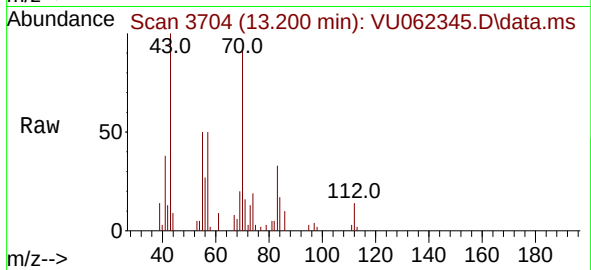
Tgt Ion: 83 Resp: 627
Ion Ratio Lower Upper
83 100
85 60.7 44.4 82.4
131 0.0 7.3 10.9#





#68
 1,2-Dibromo-3-chloropropane
 Concen: 0.128 ug/L
 RT: 13.200 min Scan# 31
 Delta R.T. 0.212 min
 Lab File: VU062345.D
 Acq: 16 Dec 2024 15:36

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 116
 Ion Ratio Lower Upper
 75 100
 155 0.0 55.2 82.8#
 157 0.0 73.5 110.3#

