

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122624\
 Data File : VU062595.D
 Acq On : 27 Dec 2024 00:44
 Operator : MD/SY
 Sample : P5344-13DL 40X
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 27 01:09:00 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)

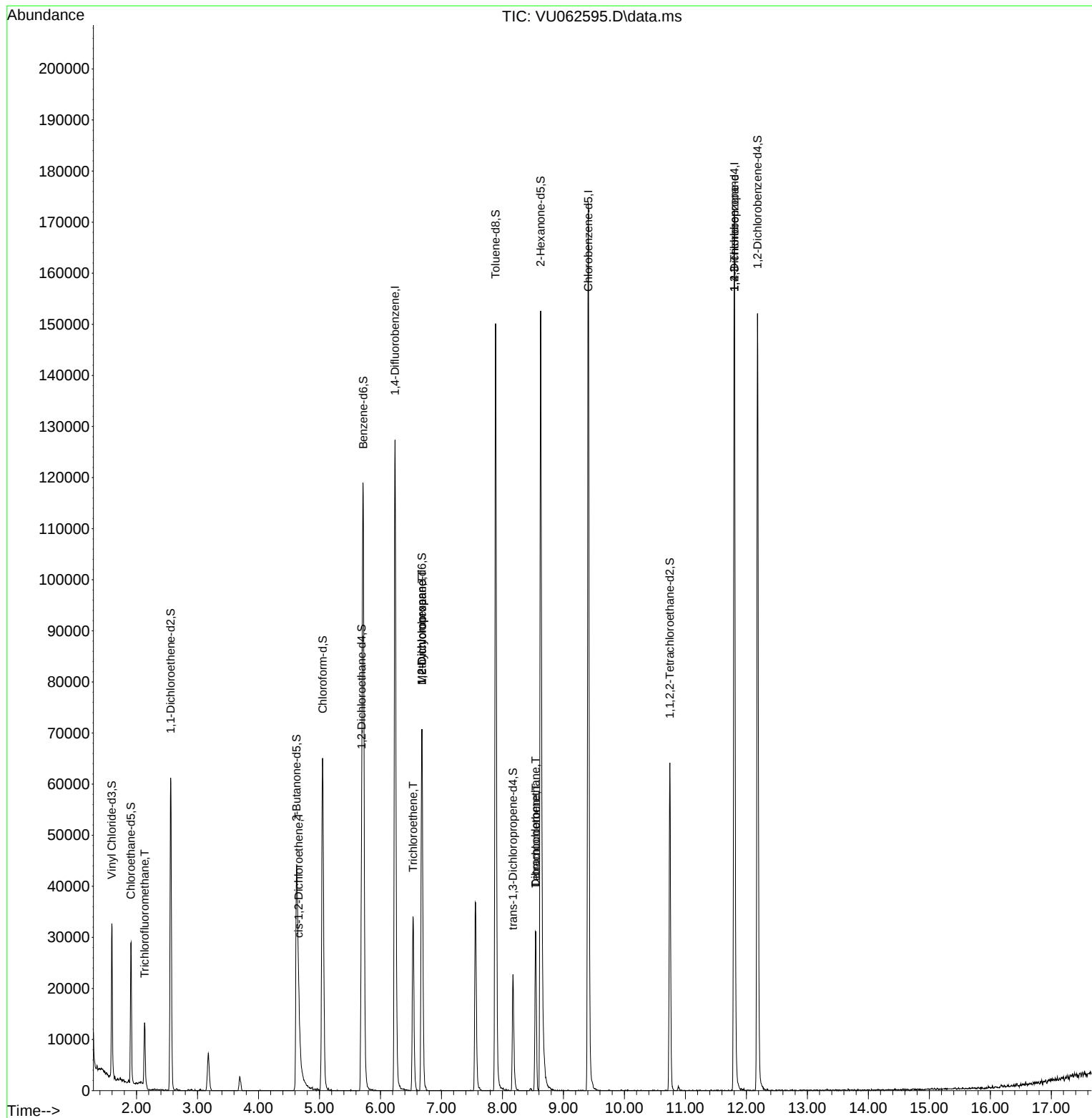
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	107379	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	98632	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	50196	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	21175	2.924	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	58.400%
7) Chloroethane-d5	1.907	69	19518	3.789	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.800%
11) 1,1-Dichloroethene-d2	2.560	65	11722	3.402	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.000%
20) 2-Butanone-d5	4.624	46	66263	47.737	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.480%
24) Chloroform-d	5.052	84	64548	4.118	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.400%
26) 1,2-Dichloroethane-d4	5.692	65	38037	4.935	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.600%
32) Benzene-d6	5.718	84	112252	3.952	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.000%
36) 1,2-Dichloropropane-d6	6.679	67	32283	3.972	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	79.400%
41) Toluene-d8	7.888	98	104657	3.900	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.000%
43) trans-1,3-Dichloroprop...	8.174	79	15044	4.205	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.000%
46) 2-Hexanone-d5	8.627	63	58952	54.618	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.240%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	29712	4.698	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.000%
66) 1,2-Dichlorobenzene-d4	12.184	152	42690	4.615	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.400%
Target Compounds						Qvalue
9) Trichlorofluoromethane	2.132	101	8426	0.591	ug/L	99
22) cis-1,2-Dichloroethene	4.660	96	1932	0.231	ug/L	82
34) Trichloroethene	6.534	95	12349	1.426	ug/L	94
35) Methylcyclohexane	6.679	83	8769	0.683	ug/L #	28
37) 1,2-Dichloropropane	6.679	63	4214	0.566	ug/L #	87
47) Tetrachloroethene	8.547	164	6930	1.037	ug/L	95
49) Dibromochloromethane	8.544	129	6699	0.987	ug/L #	13
61) 1,2,3-Trichloropropane	11.804	75	4735	1.020	ug/L #	64

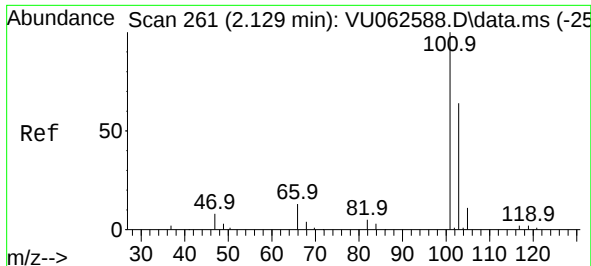
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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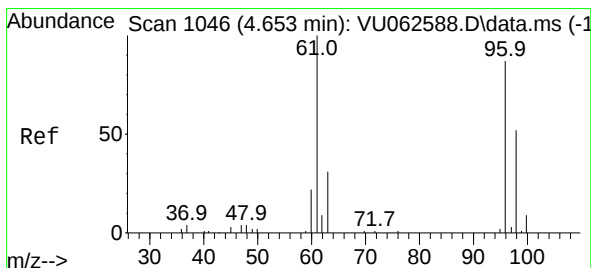
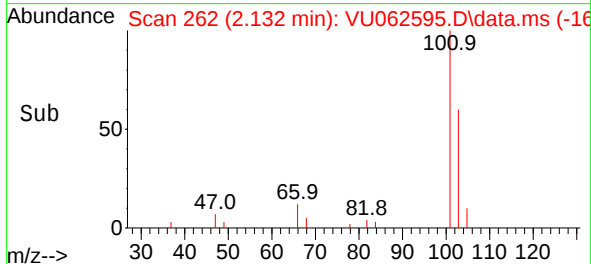
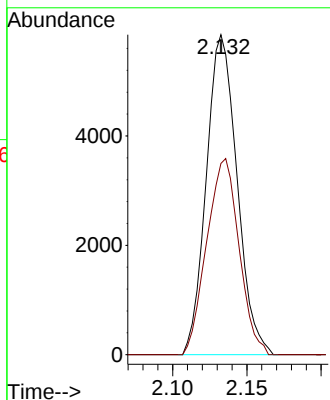
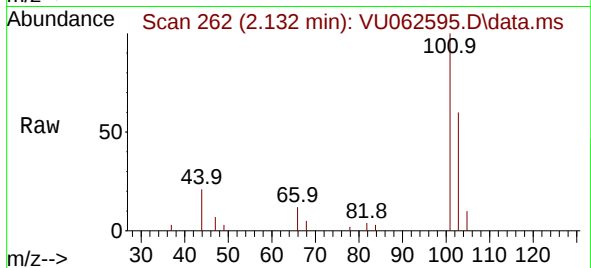




#9
 Trichlorofluoromethane
 Concen: 0.591 ug/L
 RT: 2.132 min Scan# 20
 Delta R.T. 0.003 min
 Lab File: VU062595.D
 Acq: 27 Dec 2024 00:44

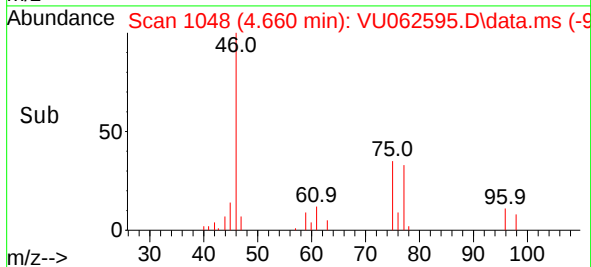
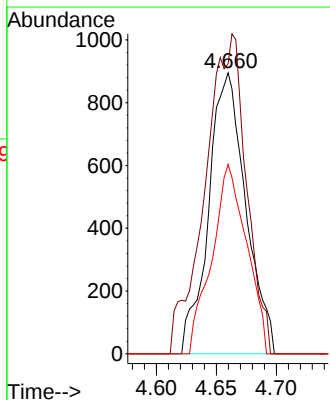
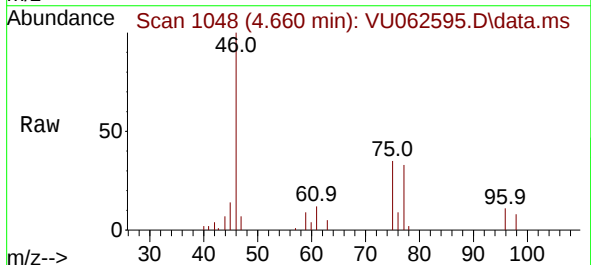
Instrument :
 MSVOA_U
 ClientSampleId :

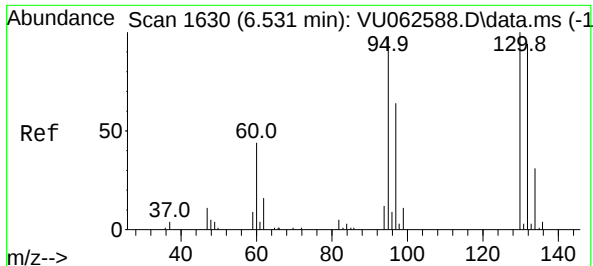
Tgt Ion:101 Resp: 8426
 Ion Ratio Lower Upper
 101 100
 103 64.4 50.6 75.8



#22
 cis-1,2-Dichloroethene
 Concen: 0.231 ug/L
 RT: 4.660 min Scan# 1048
 Delta R.T. 0.006 min
 Lab File: VU062595.D
 Acq: 27 Dec 2024 00:44

Tgt Ion: 96 Resp: 1932
 Ion Ratio Lower Upper
 96 100
 61 103.2 92.0 170.8
 98 67.4 44.5 82.7





#34

Trichloroethene

Concen: 1.426 ug/L

RT: 6.534 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU062595.D

Acq: 27 Dec 2024 00:44

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 12349

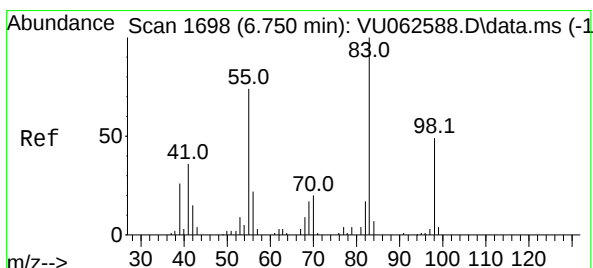
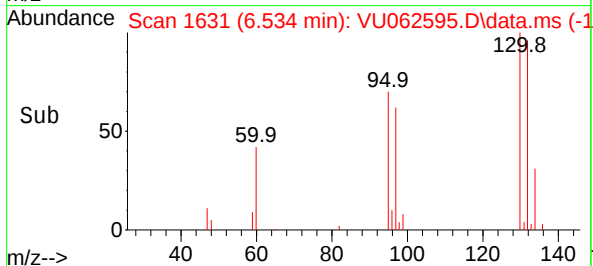
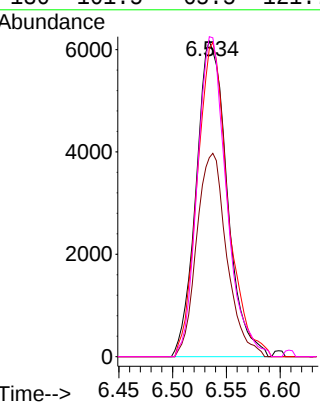
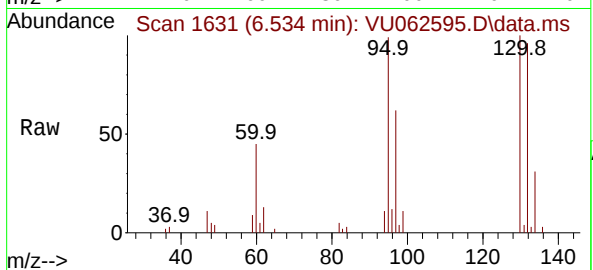
Ion Ratio Lower Upper

95 100

97 63.1 45.9 85.3

132 97.7 63.8 118.4

130 101.5 65.5 121.7



#35

Methylcyclohexane

Concen: 0.683 ug/L

RT: 6.679 min Scan# 1676

Delta R.T. -0.071 min

Lab File: VU062595.D

Acq: 27 Dec 2024 00:44

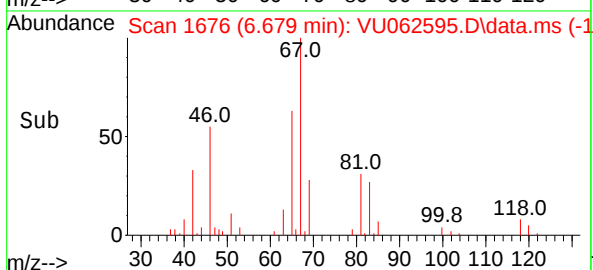
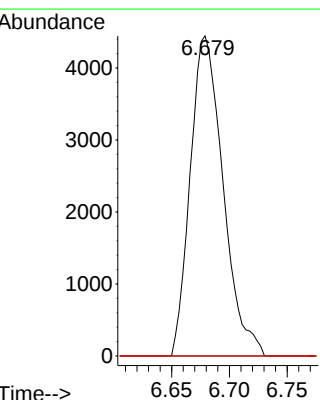
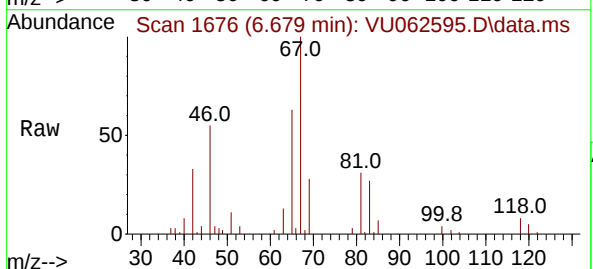
Tgt Ion: 83 Resp: 8769

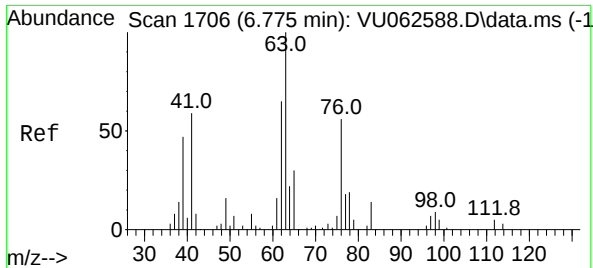
Ion Ratio Lower Upper

83 100

55 0.0 60.7 91.1#

98 15.7 34.8 52.2#

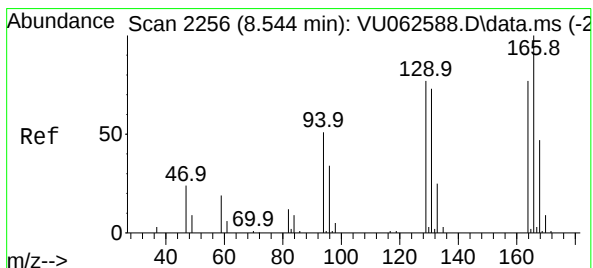
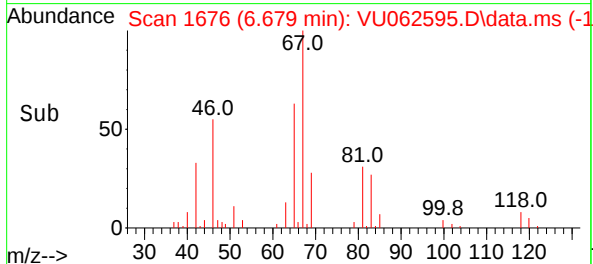
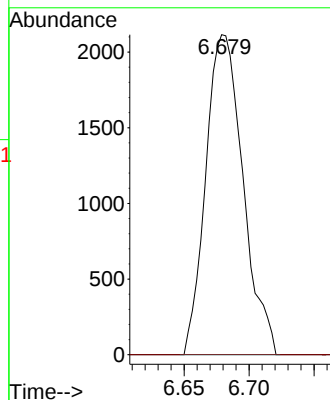
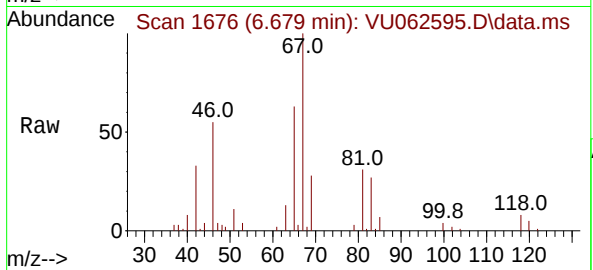




#37
1,2-Dichloropropane
Concen: 0.566 ug/L
RT: 6.679 min Scan# 1
Delta R.T. -0.097 min
Lab File: VU062595.D
Acq: 27 Dec 2024 00:44

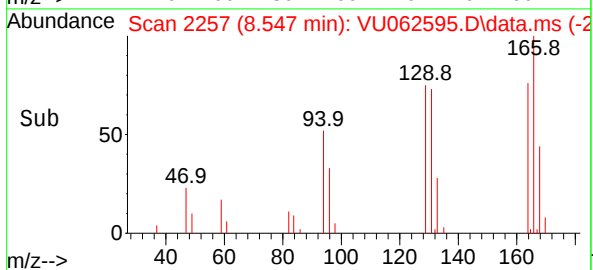
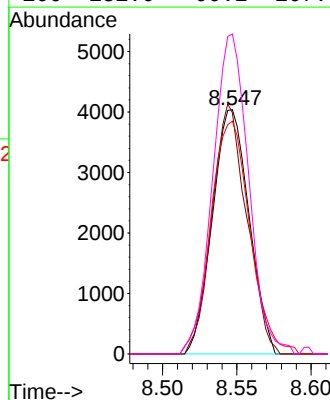
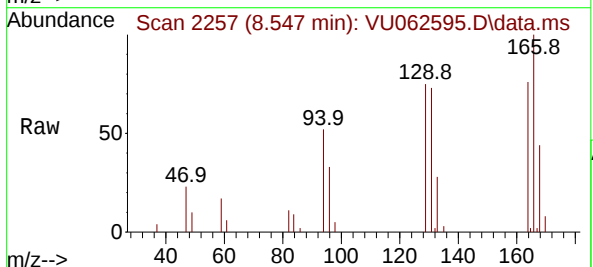
Instrument :
MSVOA_U
ClientSampleId :

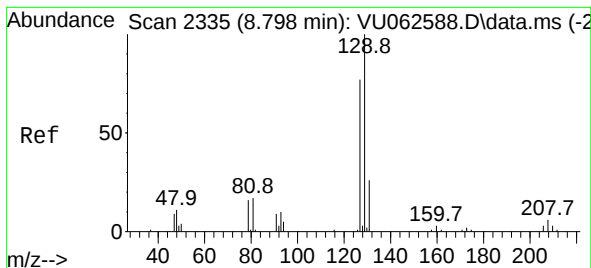
Tgt Ion: 63 Resp: 4214
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



#47
Tetrachloroethene
Concen: 1.037 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.003 min
Lab File: VU062595.D
Acq: 27 Dec 2024 00:44

Tgt Ion:164 Resp: 6930
Ion Ratio Lower Upper
164 100
129 98.7 73.2 136.0
131 95.3 72.3 134.3
166 131.0 90.2 167.4





#49

Dibromochloromethane

Concen: 0.987 ug/L

RT: 8.544 min Scan# 21

Delta R.T. -0.254 min MSVOA_U

Lab File: VU062595.D

Acq: 27 Dec 2024 00:44

Instrument :

MSVOA_U

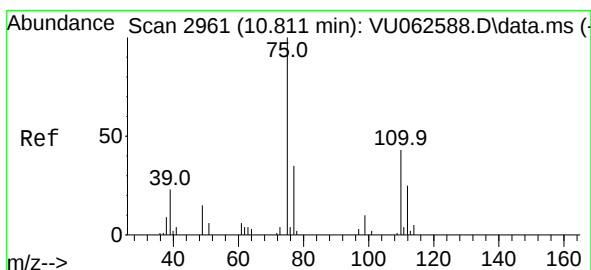
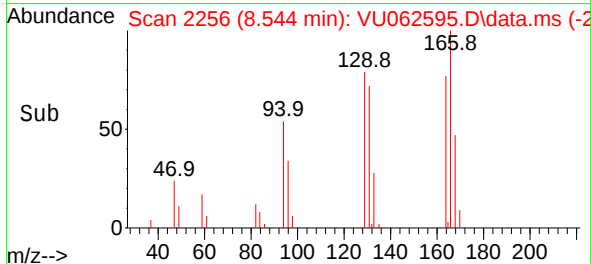
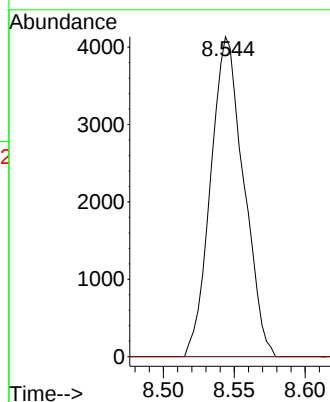
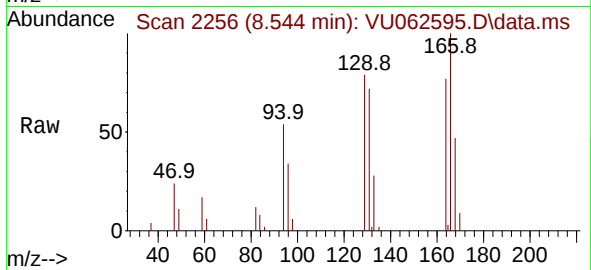
ClientSampleId :

Tgt Ion:129 Resp: 6699

Ion Ratio Lower Upper

129 100

127 0.0 51.1 94.9#



#61

1,2,3-Trichloropropane

Concen: 1.020 ug/L

RT: 11.804 min Scan# 3270

Delta R.T. 0.993 min

Lab File: VU062595.D

Acq: 27 Dec 2024 00:44

Tgt Ion: 75 Resp: 4735

Ion Ratio Lower Upper

75 100

110 0.0 28.9 43.3#

77 37.7 26.5 39.7

