

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122024\
 Data File : VU062531.D
 Acq On : 20 Dec 2024 17:53
 Operator : MD/SY
 Sample : P5345-11
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 20 22:37:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 20 22:32:26 2024
 Response via : Initial Calibration

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

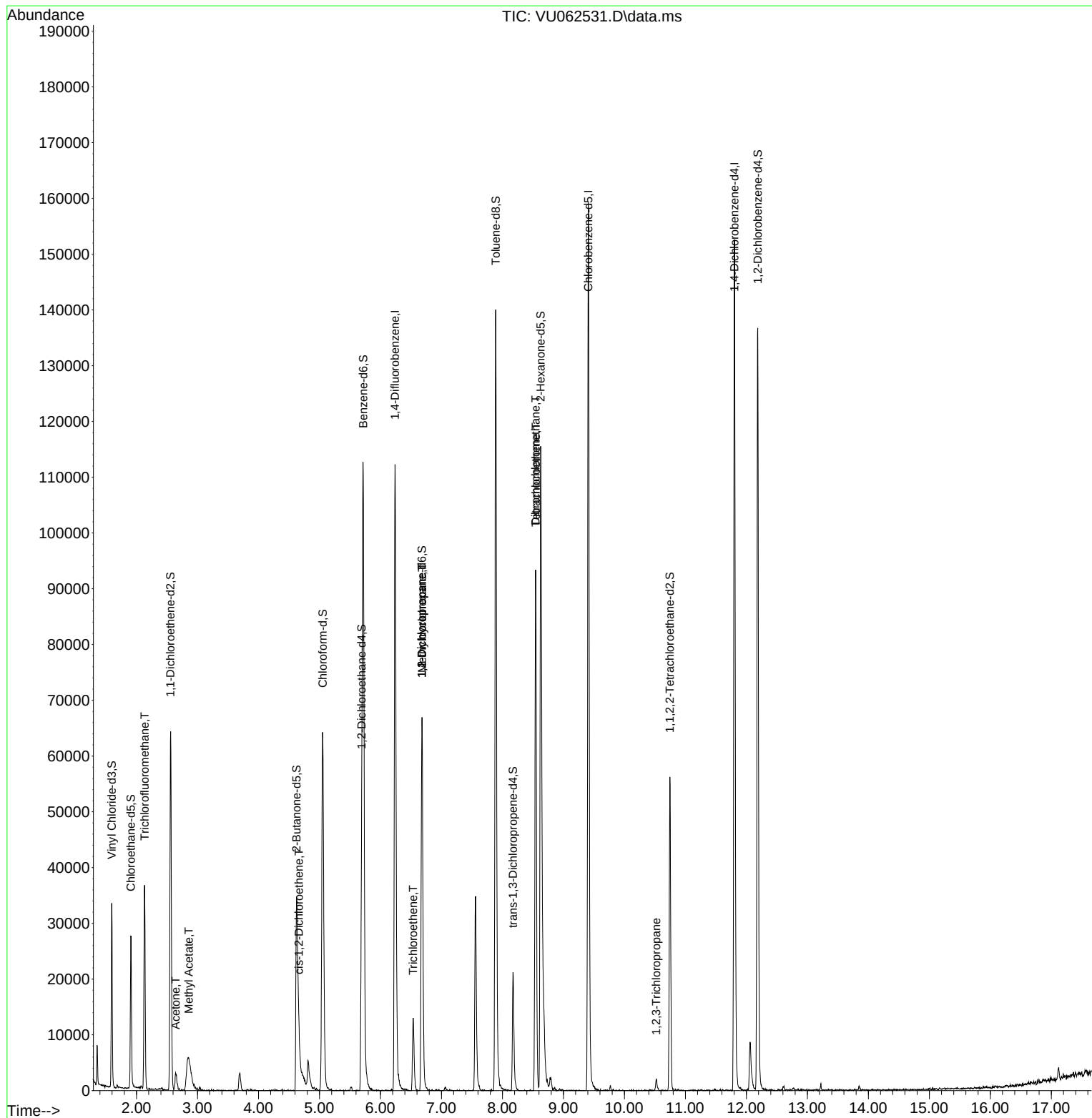
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	96876	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	90881	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	44713	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	23092	3.534	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.600%
7) Chloroethane-d5	1.907	69	18647	4.012	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.200%
11) 1,1-Dichloroethene-d2	2.557	65	12215	3.929	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.600%
20) 2-Butanone-d5	4.624	46	54798	43.758	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.520%
24) Chloroform-d	5.052	84	61785	4.369	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.400%
26) 1,2-Dichloroethane-d4	5.692	65	35211	5.063	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.200%
32) Benzene-d6	5.717	84	106940	4.086	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.800%
36) 1,2-Dichloropropane-d6	6.679	67	29706	3.966	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	79.400%
41) Toluene-d8	7.891	98	99217	4.013	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.200%
43) trans-1,3-Dichloroprop...	8.174	79	14100	4.277	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.600%
46) 2-Hexanone-d5	8.627	63	39918	40.137	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.280%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	26017	4.464	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	37839	4.592	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.800%
Target Compounds						Qvalue
9) Trichlorofluoromethane	2.132	101	24180	1.881	ug/L	98
13) Acetone	2.644	43	4867	5.708	ug/L	92
15) Methyl Acetate	2.856	43	4981	2.331	ug/L #	51
22) cis-1,2-Dichloroethene	4.663	96	1649	0.219	ug/L	79
34) Trichloroethene	6.534	95	4587	0.575	ug/L	83
35) Methylcyclohexane	6.682	83	8588	0.726	ug/L #	20
37) 1,2-Dichloropropane	6.679	63	3879	0.566	ug/L #	87
47) Tetrachloroethene	8.547	164	21078	3.422	ug/L	92
49) Dibromochloromethane	8.544	129	21403	3.421	ug/L #	13
61) 1,2,3-Trichloropropane	10.521	75	1385	0.335	ug/L #	40

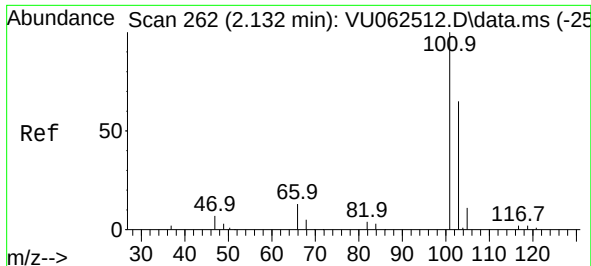
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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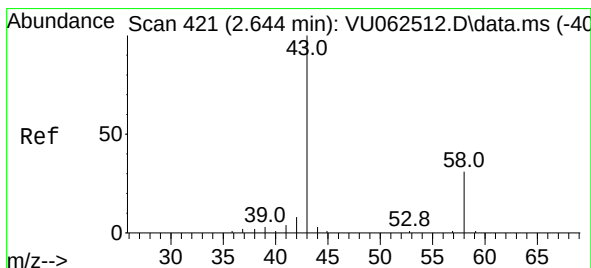
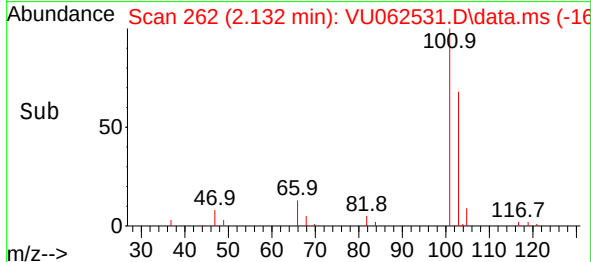
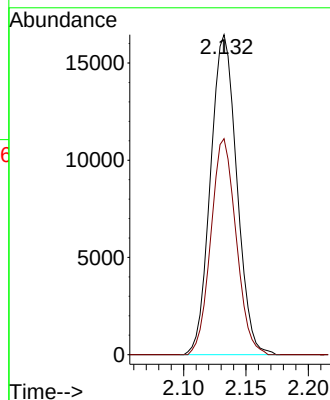
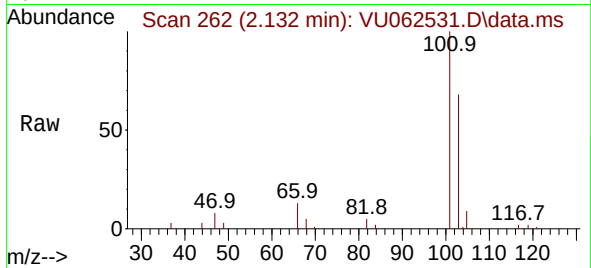




#9
Trichlorofluoromethane
Concen: 1.881 ug/L
RT: 2.132 min Scan# 20
Delta R.T. -0.000 min
Lab File: VU062531.D
Acq: 20 Dec 2024 17:53

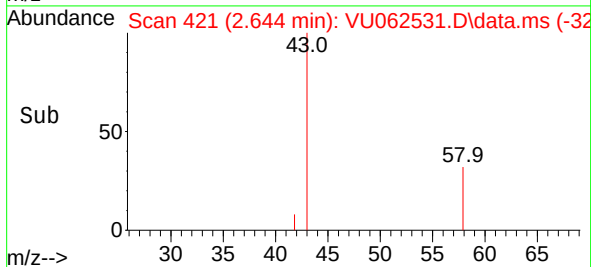
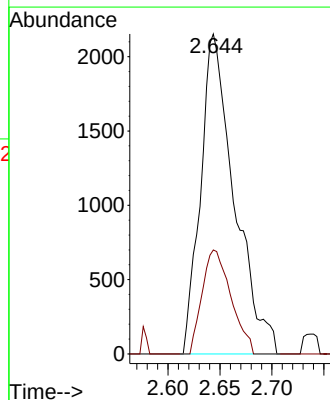
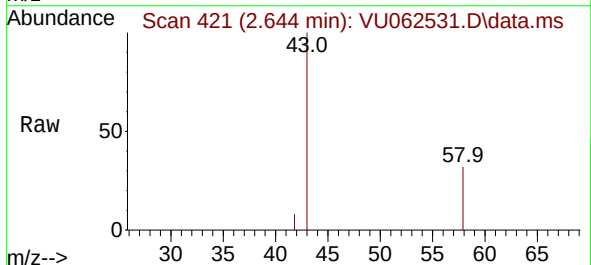
Instrument :
MSVOA_U
ClientSampleId :

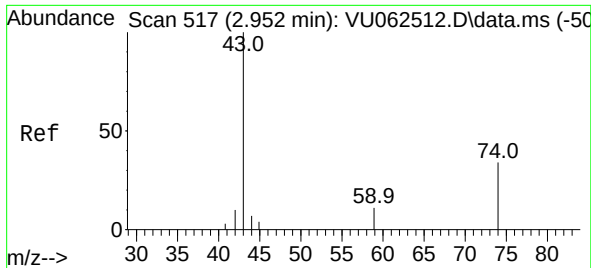
Tgt Ion:101 Resp: 24180
Ion Ratio Lower Upper
101 100
103 64.9 50.6 75.8



#13
Acetone
Concen: 5.708 ug/L
RT: 2.644 min Scan# 421
Delta R.T. -0.000 min
Lab File: VU062531.D
Acq: 20 Dec 2024 17:53

Tgt Ion: 43 Resp: 4867
Ion Ratio Lower Upper
43 100
58 27.8 0.0 64.0





#15

Methyl Acetate

Concen: 2.331 ug/L

RT: 2.856 min Scan# 41

Delta R.T. -0.097 min

Lab File: VU062531.D

Acq: 20 Dec 2024 17:53

Instrument :

MSVOA_U

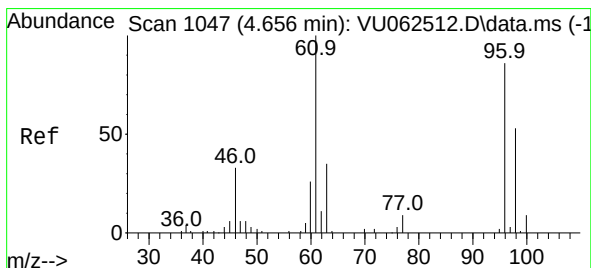
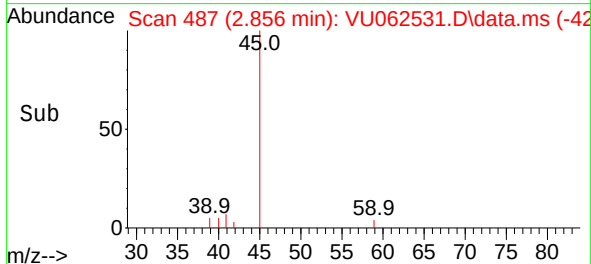
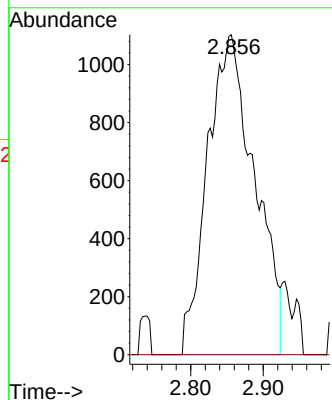
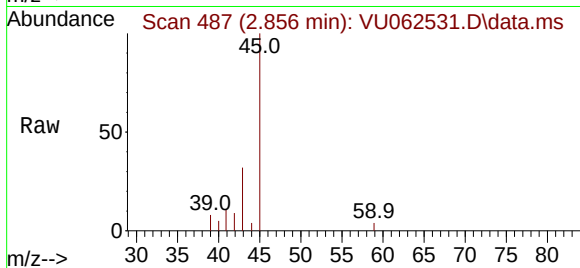
ClientSampleId :

Tgt Ion: 43 Resp: 4981

Ion Ratio Lower Upper

43 100

74 0.0 19.4 29.2#



#22

cis-1,2-Dichloroethene

Concen: 0.219 ug/L

RT: 4.663 min Scan# 1049

Delta R.T. 0.006 min

Lab File: VU062531.D

Acq: 20 Dec 2024 17:53

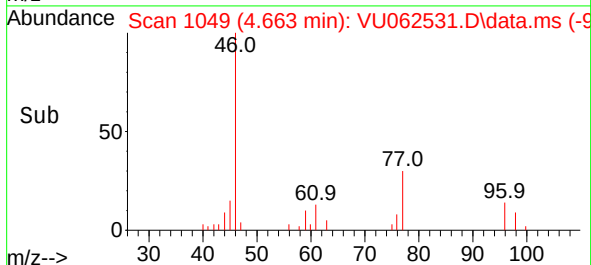
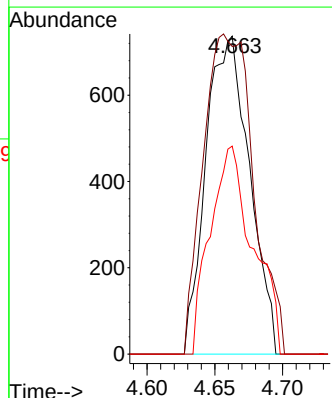
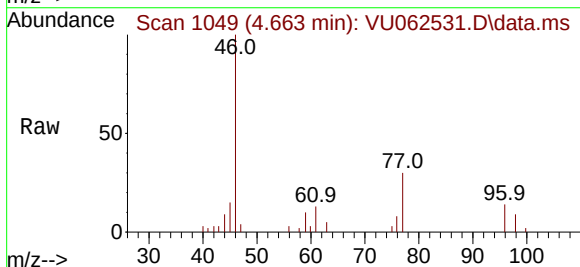
Tgt Ion: 96 Resp: 1649

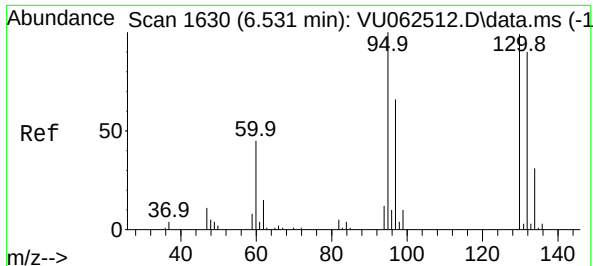
Ion Ratio Lower Upper

96 100

61 96.7 92.0 170.8

98 65.4 44.5 82.7





#34

Trichloroethene

Concen: 0.575 ug/L

RT: 6.534 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU062531.D

Acq: 20 Dec 2024 17:53

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 4587

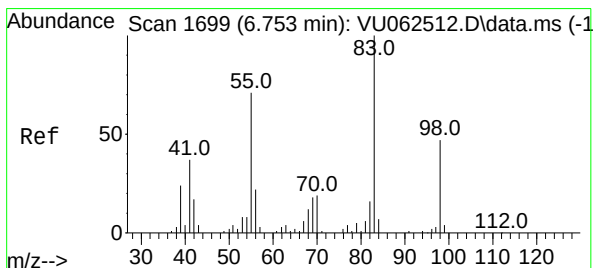
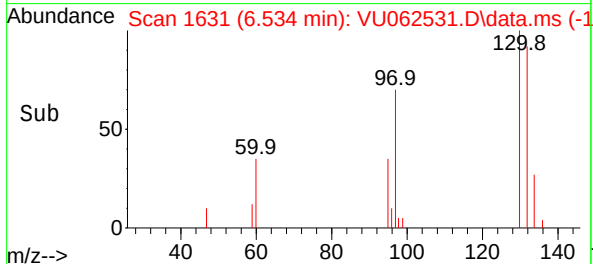
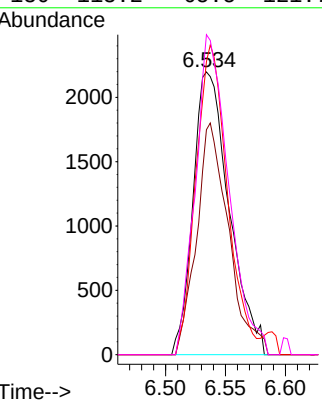
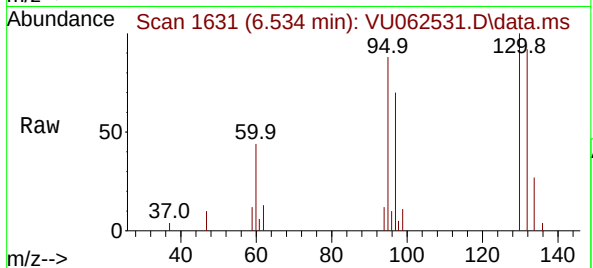
Ion Ratio Lower Upper

95 100

97 79.6 45.9 85.3

132 103.6 63.8 118.4

130 113.2 65.5 121.7



#35

Methylcyclohexane

Concen: 0.726 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.071 min

Lab File: VU062531.D

Acq: 20 Dec 2024 17:53

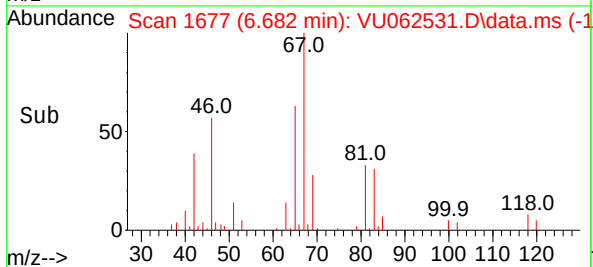
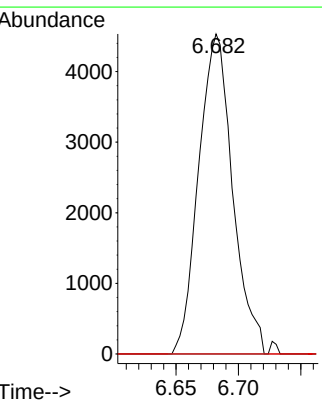
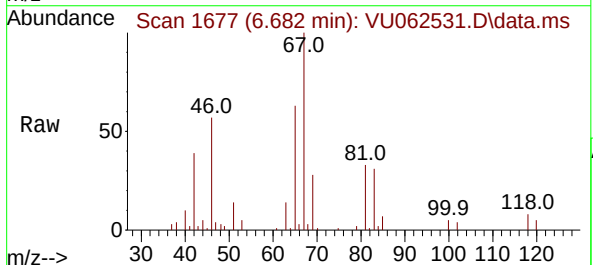
Tgt Ion: 83 Resp: 8588

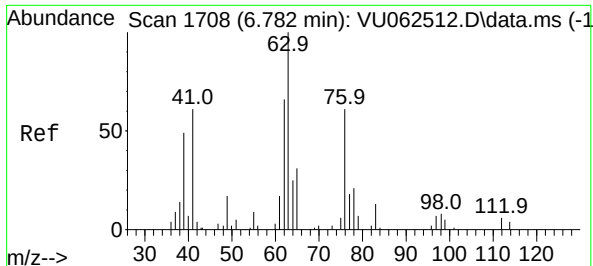
Ion Ratio Lower Upper

83 100

55 0.0 60.7 91.1#

98 1.8 34.8 52.2#

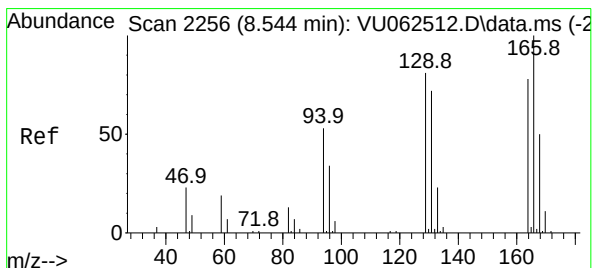
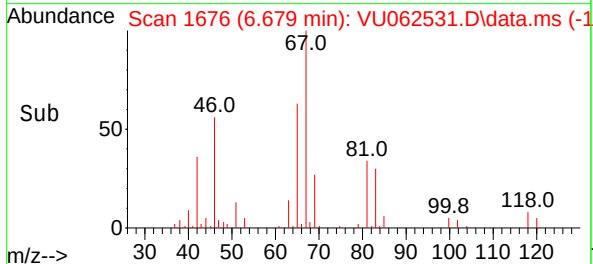
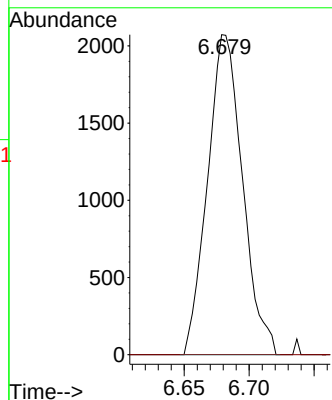
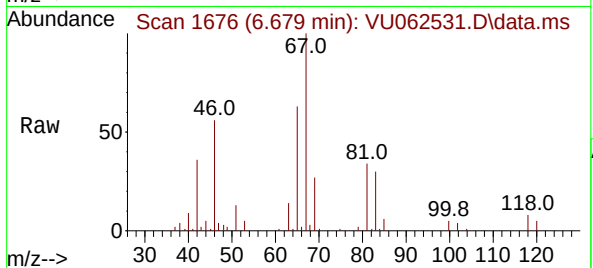




#37
1,2-Dichloropropane
Concen: 0.566 ug/L
RT: 6.679 min Scan# 1
Delta R.T. -0.103 min
Lab File: VU062531.D
Acq: 20 Dec 2024 17:53

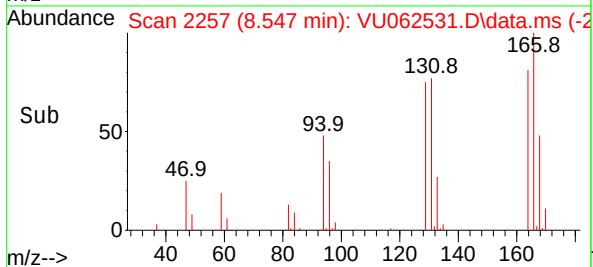
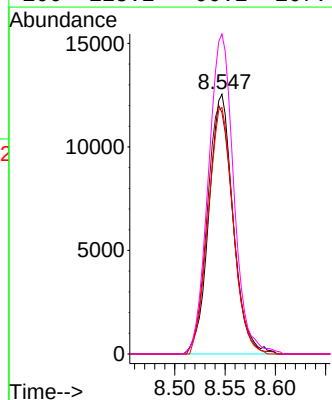
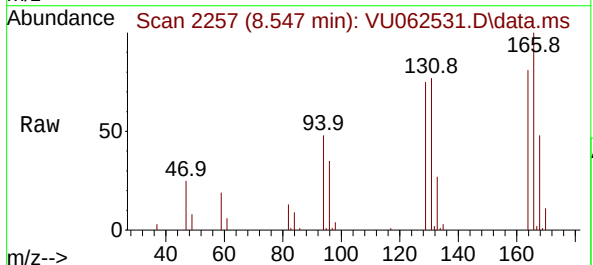
Instrument :
MSVOA_U
ClientSampleId :

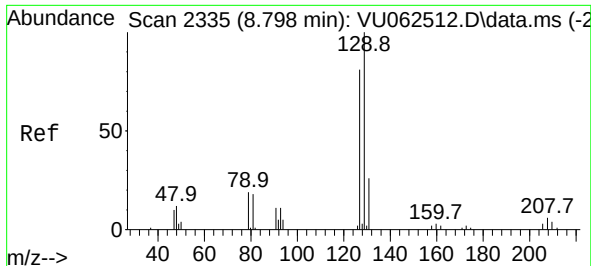
Tgt Ion: 63 Resp: 3879
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



#47
Tetrachloroethene
Concen: 3.422 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.003 min
Lab File: VU062531.D
Acq: 20 Dec 2024 17:53

Tgt Ion:164 Resp: 21078
Ion Ratio Lower Upper
164 100
129 93.0 73.2 136.0
131 94.9 72.3 134.3
166 123.2 90.2 167.4





#49

Dibromochloromethane

Concen: 3.421 ug/L

RT: 8.544 min Scan# 21403

Delta R.T. -0.254 min

Lab File: VU062531.D

Acq: 20 Dec 2024 17:53

Instrument :

MSVOA_U

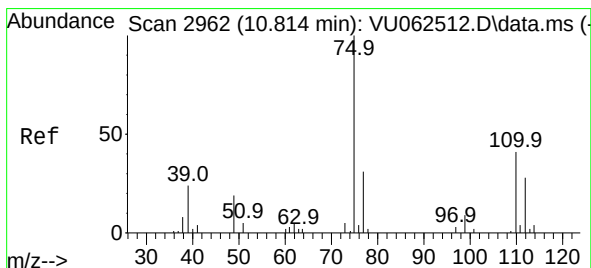
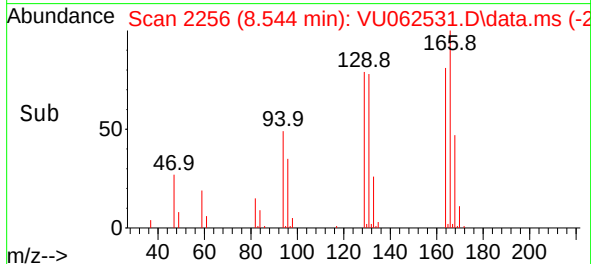
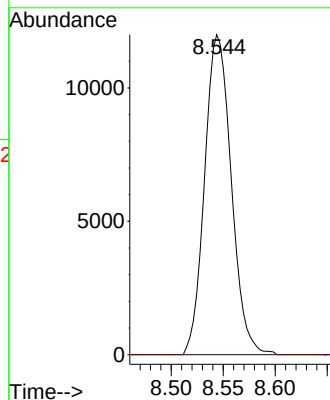
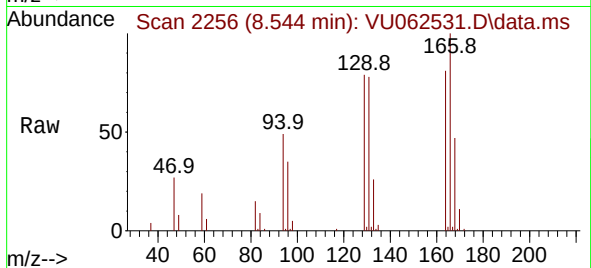
ClientSampleId :

Tgt Ion:129 Resp: 21403

Ion Ratio Lower Upper

129 100

127 0.0 51.1 94.9#



#61

1,2,3-Trichloropropane

Concen: 0.335 ug/L

RT: 10.521 min Scan# 2871

Delta R.T. -0.293 min

Lab File: VU062531.D

Acq: 20 Dec 2024 17:53

Tgt Ion: 75 Resp: 1385

Ion Ratio Lower Upper

75 100

110 0.0 28.9 43.3#

77 0.0 26.5 39.7#

