

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121624\
 Data File : VU062336.D
 Acq On : 16 Dec 2024 11:41
 Operator : MD/SY
 Sample : P5274-02
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 17 00:32:50 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)

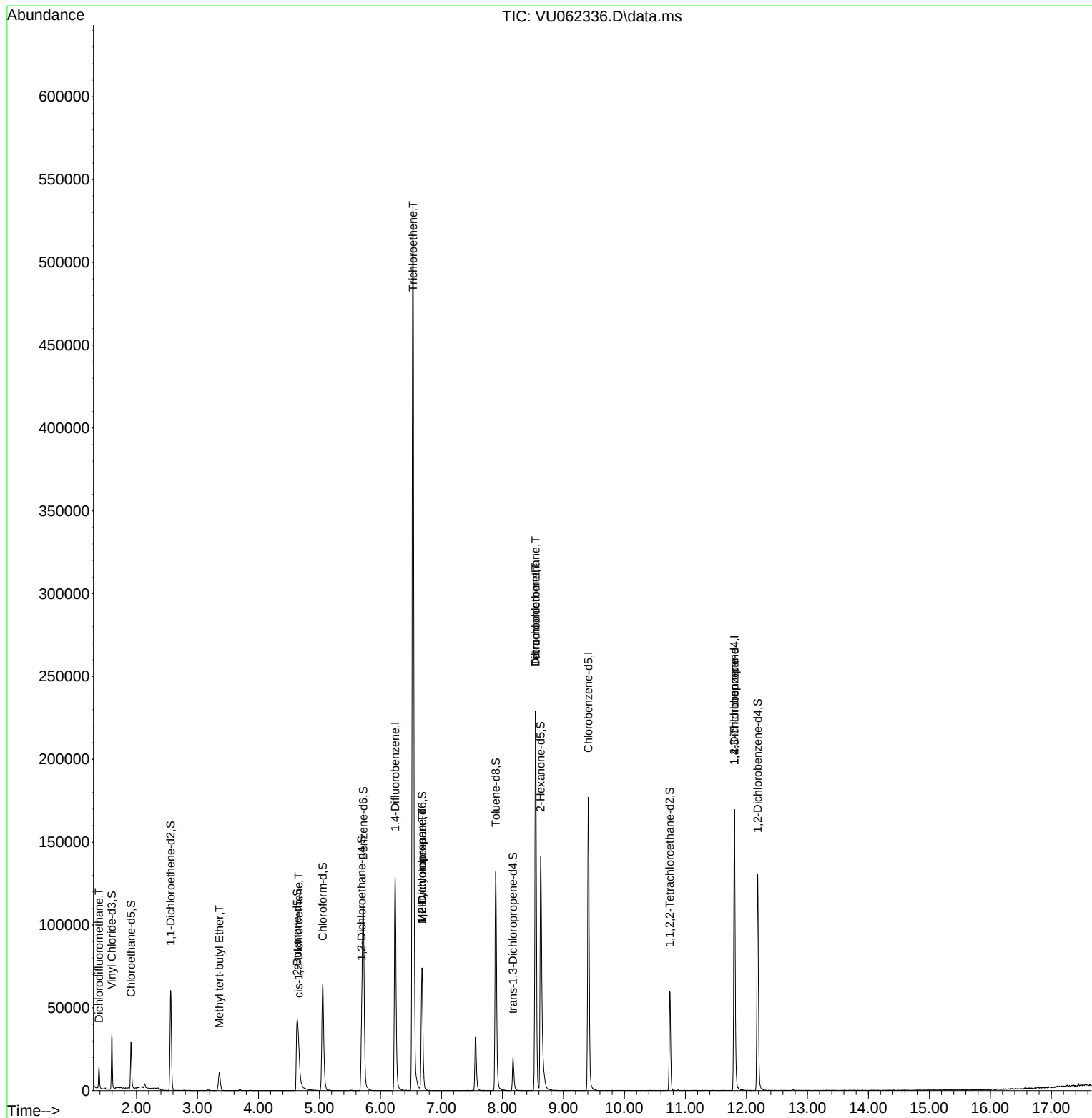
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	109210	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	105331	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	47203	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	22861	3.103	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	62.000%
7) Chloroethane-d5	1.911	69	21236	4.053	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.000%
11) 1,1-Dichloroethene-d2	2.560	65	11227	3.204	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.000%
20) 2-Butanone-d5	4.634	46	65760	46.581	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.160%
24) Chloroform-d	5.052	84	63160	3.962	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.200%
26) 1,2-Dichloroethane-d4	5.692	65	35352	4.509	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.200%
32) Benzene-d6	5.718	84	107912	3.557	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	71.200%
36) 1,2-Dichloropropane-d6	6.682	67	34850	4.015	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	80.200%
41) Toluene-d8	7.891	98	95404	3.329	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	66.600%#
43) trans-1,3-Dichloroprop...	8.174	79	13092	3.427	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	68.600%
46) 2-Hexanone-d5	8.627	63	53743	46.625	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.240%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	28214	4.177	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	37215	4.278	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	5330	0.521	ug/L	100
17) Methyl tert-butyl Ether	3.357	73	12999	0.708	ug/L	92
22) cis-1,2-Dichloroethene	4.660	96	6575	0.774	ug/L	89
34) Trichloroethene	6.534	95	191255	20.684	ug/L	98
35) Methylcyclohexane	6.682	83	8860	0.646	ug/L #	19
37) 1,2-Dichloropropane	6.682	63	4092	0.515	ug/L #	87
47) Tetrachloroethene	8.544	164	51687	7.240	ug/L	94
49) Dibromochloromethane	8.544	129	51477	7.100	ug/L #	13
61) 1,2,3-Trichloropropane	11.804	75	5212	1.194	ug/L #	66

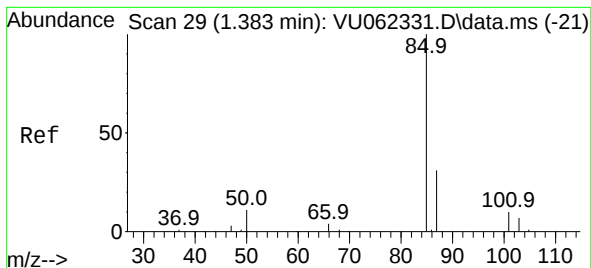
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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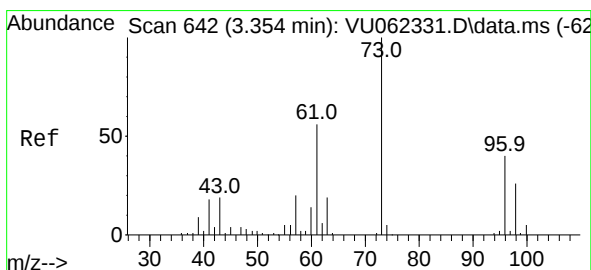
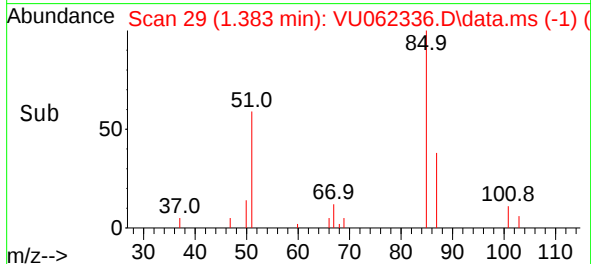
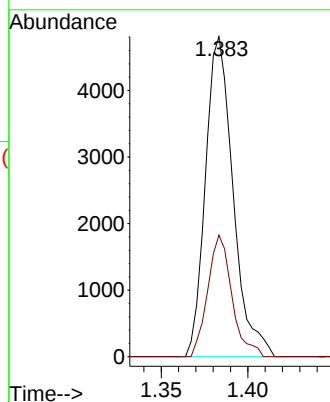
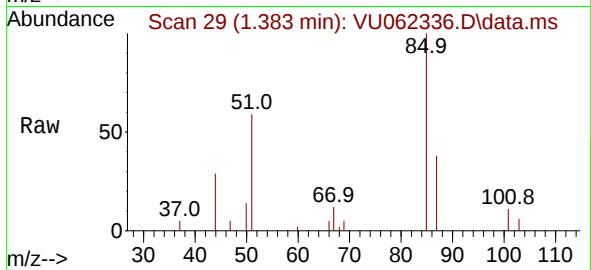




#2
Dichlorodifluoromethane
Concen: 0.521 ug/L
RT: 1.383 min Scan# 20
Delta R.T. 0.000 min
Lab File: VU062336.D
Acq: 16 Dec 2024 11:41

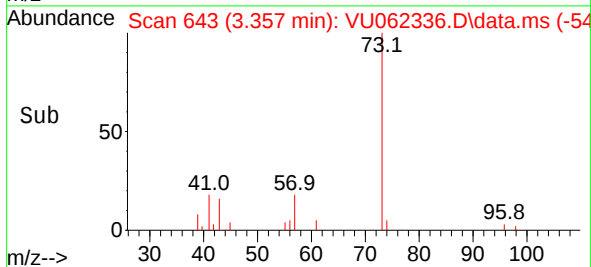
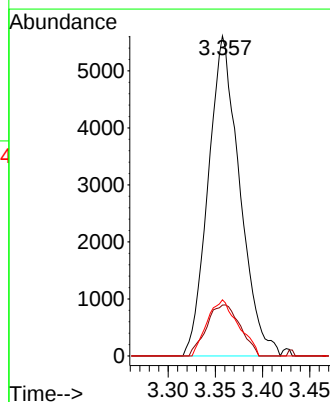
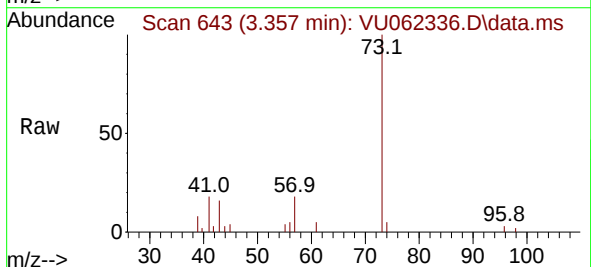
Instrument :
MSVOA_U
ClientSampleId :

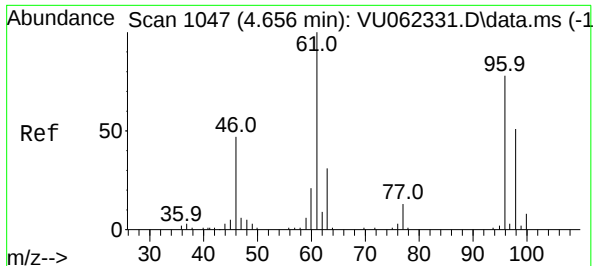
Tgt Ion: 85 Resp: 5330
Ion Ratio Lower Upper
85 100
87 33.2 26.6 40.0



#17
Methyl tert-butyl Ether
Concen: 0.708 ug/L
RT: 3.357 min Scan# 643
Delta R.T. 0.003 min
Lab File: VU062336.D
Acq: 16 Dec 2024 11:41

Tgt Ion: 73 Resp: 12999
Ion Ratio Lower Upper
73 100
43 17.0 16.3 24.5
57 17.4 17.1 25.7





#22

cis-1,2-Dichloroethene

Concen: 0.774 ug/L

RT: 4.660 min Scan# 1048

Delta R.T. 0.003 min

Lab File: VU062336.D

Acq: 16 Dec 2024 11:41

Instrument :

MSVOA_U

ClientSampleId :

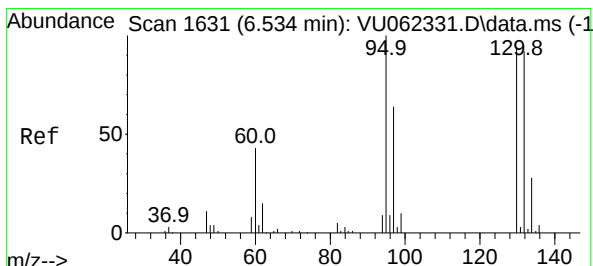
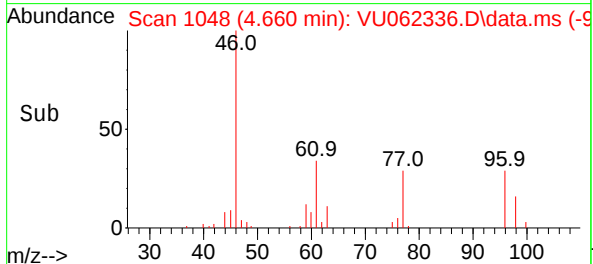
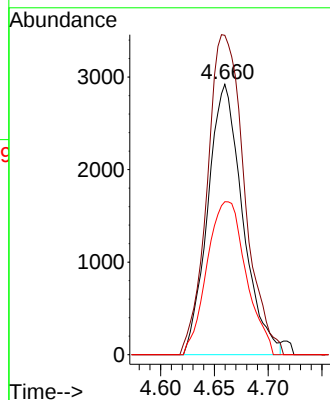
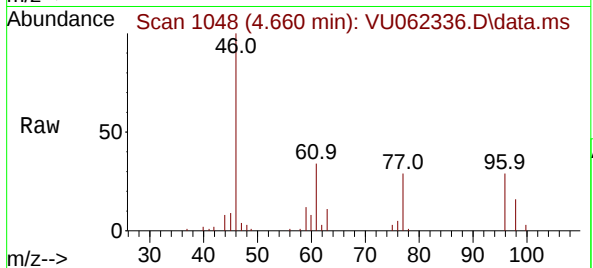
Tgt Ion: 96 Resp: 6575

Ion Ratio Lower Upper

96 100

61 118.1 92.0 170.8

98 56.6 44.5 82.7



#34

Trichloroethene

Concen: 20.684 ug/L

RT: 6.534 min Scan# 1631

Delta R.T. 0.000 min

Lab File: VU062336.D

Acq: 16 Dec 2024 11:41

Tgt Ion: 95 Resp: 191255

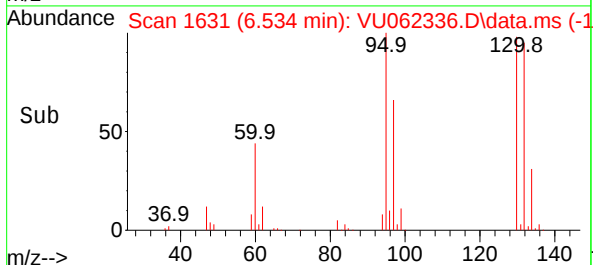
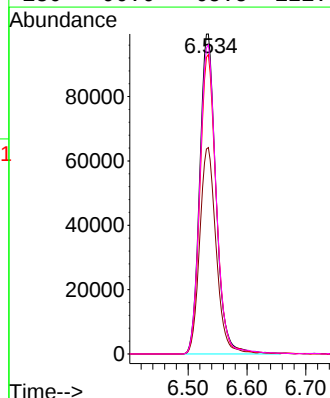
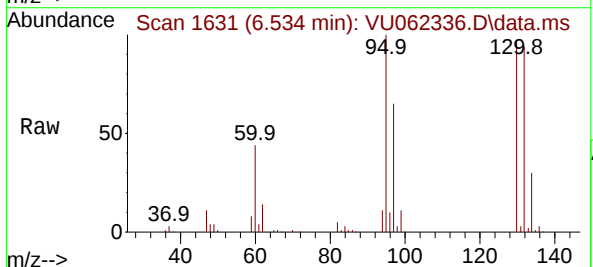
Ion Ratio Lower Upper

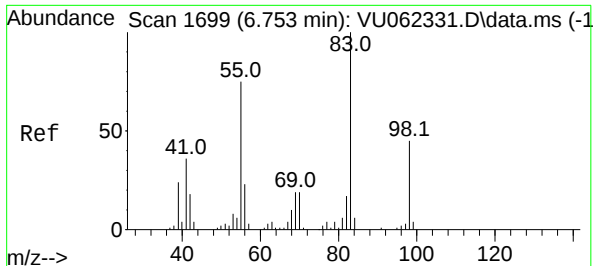
95 100

97 64.5 45.9 85.3

132 93.6 63.8 118.4

130 96.6 65.5 121.7

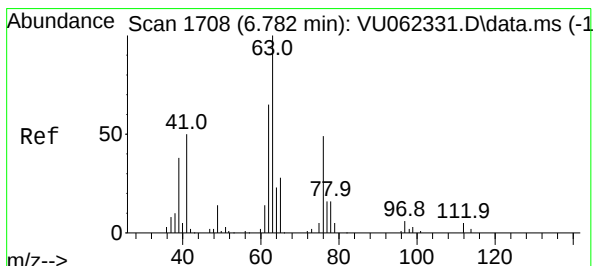
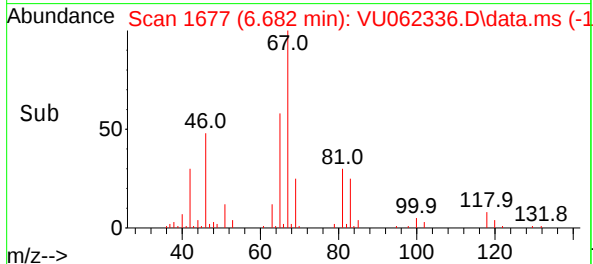
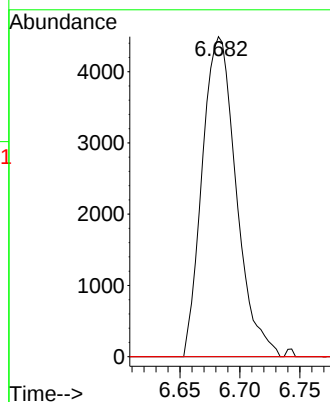
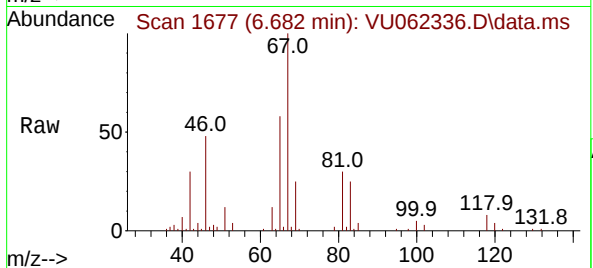




#35
Methylcyclohexane
Concen: 0.646 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.071 min
Lab File: VU062336.D
Acq: 16 Dec 2024 11:41

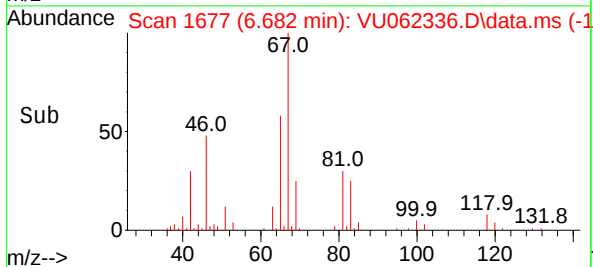
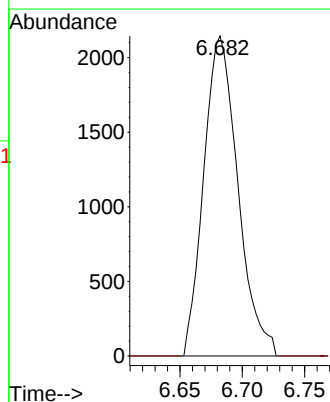
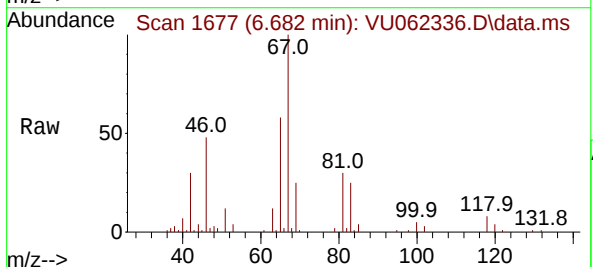
Instrument :
MSVOA_U
ClientSampleId :

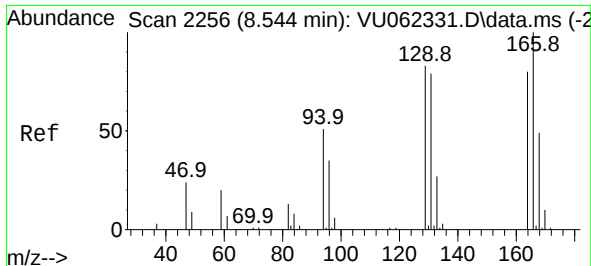
Tgt Ion: 83 Resp: 8860
Ion Ratio Lower Upper
83 100
55 0.0 60.7 91.1#
98 0.0 34.8 52.2#



#37
1,2-Dichloropropane
Concen: 0.515 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.100 min
Lab File: VU062336.D
Acq: 16 Dec 2024 11:41

Tgt Ion: 63 Resp: 4092
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#





#47

Tetrachloroethene

Concen: 7.240 ug/L

RT: 8.544 min Scan# 2256

Delta R.T. 0.000 min

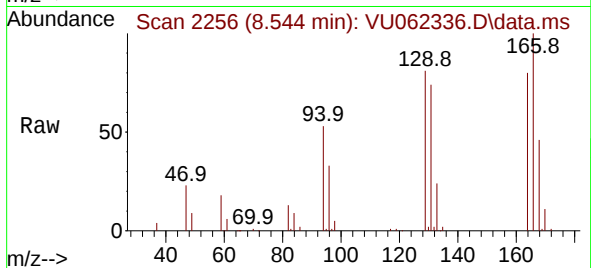
Lab File: VU062336.D

Acq: 16 Dec 2024 11:41

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:164 Resp: 51687

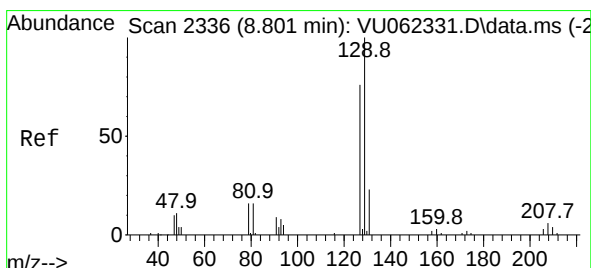
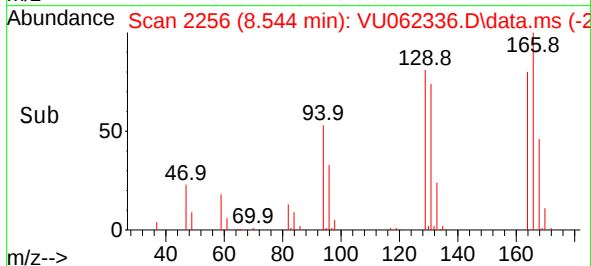
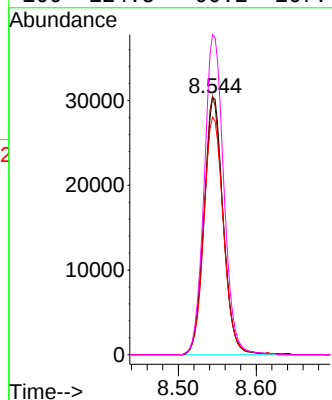
Ion Ratio Lower Upper

164 100

129 100.6 73.2 136.0

131 92.5 72.3 134.3

166 124.5 90.2 167.4



#49

Dibromochloromethane

Concen: 7.100 ug/L

RT: 8.544 min Scan# 2256

Delta R.T. -0.257 min

Lab File: VU062336.D

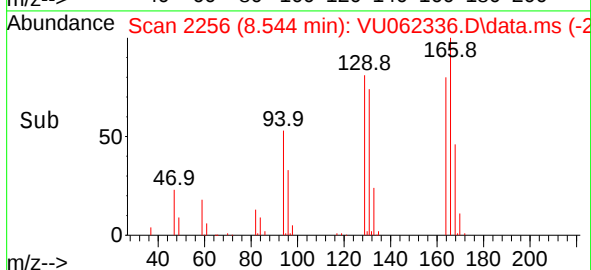
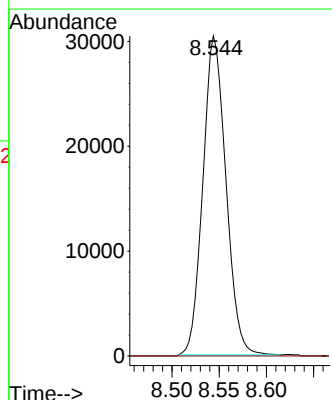
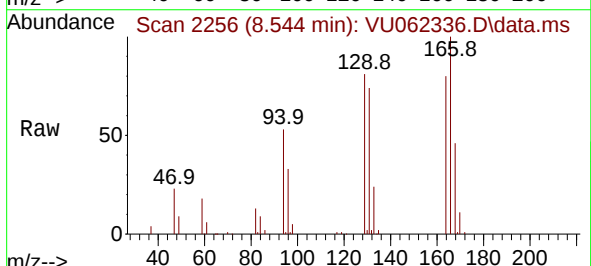
Acq: 16 Dec 2024 11:41

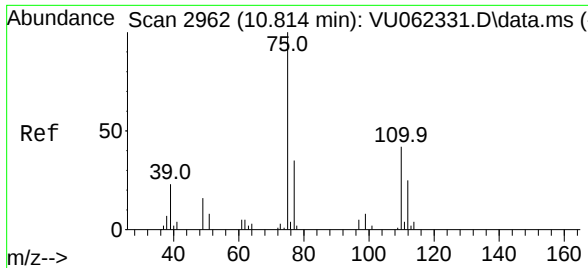
Tgt Ion:129 Resp: 51477

Ion Ratio Lower Upper

129 100

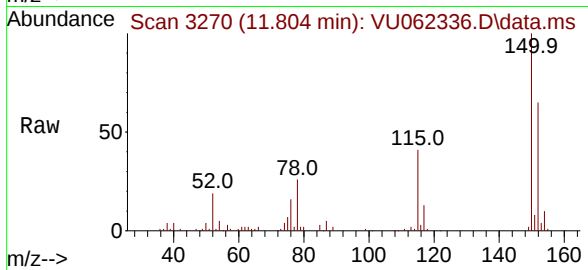
127 0.0 51.1 94.9#





#61
1,2,3-Trichloropropane
Concen: 1.194 ug/L
RT: 11.804 min Scan# 31
Delta R.T. 0.990 min
Lab File: VU062336.D
Acq: 16 Dec 2024 11:41

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 75 Resp: 5212
Ion Ratio Lower Upper
75 100
110 0.8 28.9 43.3#
77 35.8 26.5 39.7

