

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121624\
 Data File : VU062341.D
 Acq On : 16 Dec 2024 13:58
 Operator : MD/SY
 Sample : P5274-06
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 17 00:34:14 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)

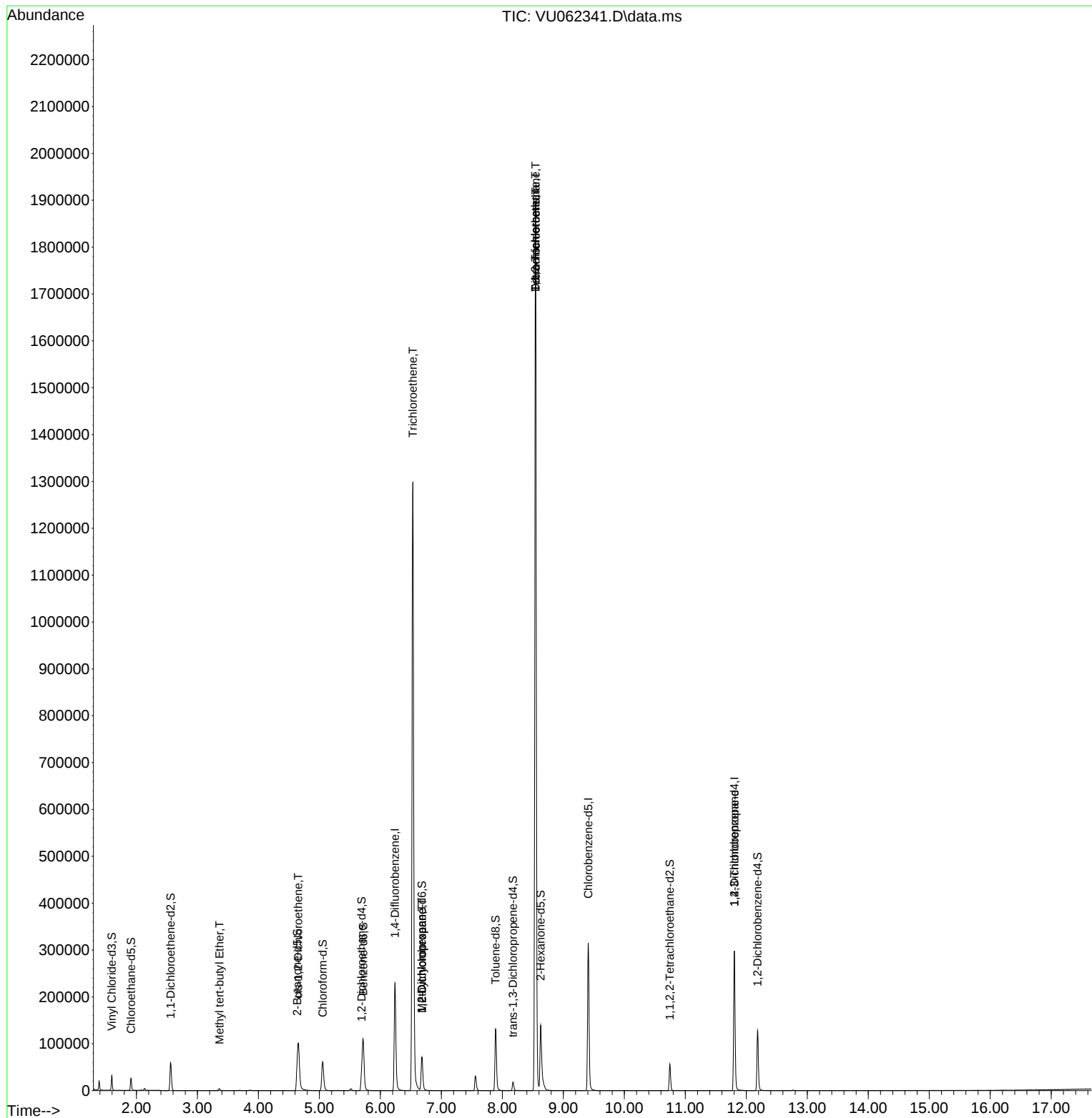
Internal Standards						
1) 1,4-Difluorobenzene	6.239	114	189590	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	177675	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	84991	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	22014	1.721	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	34.400%#
7) Chloroethane-d5	1.911	69	19651	2.160	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	43.200%#
11) 1,1-Dichloroethene-d2	2.560	65	11252	1.850	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	37.000%#
20) 2-Butanone-d5	4.634	46	64405	26.279	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	52.560%
24) Chloroform-d	5.052	84	60348	2.180	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	43.600%#
26) 1,2-Dichloroethane-d4	5.692	65	33065	2.430	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	48.600%#
32) Benzene-d6	5.718	84	106006	2.072	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	41.400%#
36) 1,2-Dichloropropane-d6	6.679	67	33370	2.279	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	45.600%#
41) Toluene-d8	7.888	98	92344	1.910	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	38.200%#
43) trans-1,3-Dichloroprop...	8.174	79	12446	1.931	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	38.600%#
46) 2-Hexanone-d5	8.628	63	49803	25.614	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	51.220%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	27738	2.435	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	48.600%#
66) 1,2-Dichlorobenzene-d4	12.184	152	36937	2.358	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	47.200%#
Target Compounds						Qvalue
17) Methyl tert-butyl Ether	3.361	73	4089	0.128	ug/L #	90
22) cis-1,2-Dichloroethene	4.653	96	44084	2.990	ug/L	100
34) Trichloroethene	6.531	95	459818	29.481	ug/L	97
35) Methylcyclohexane	6.679	83	8669	0.375	ug/L #	24
37) 1,2-Dichloropropane	6.679	63	3809	0.284	ug/L #	87
45) 1,1,2-Trichloroethane	8.541	97	3978	0.393	ug/L #	24
47) Tetrachloroethene	8.544	164	416145	34.557	ug/L	96
49) Dibromochloromethane	8.544	129	411097	33.614	ug/L #	13
61) 1,2,3-Trichloropropane	11.804	75	8561	1.089	ug/L #	67

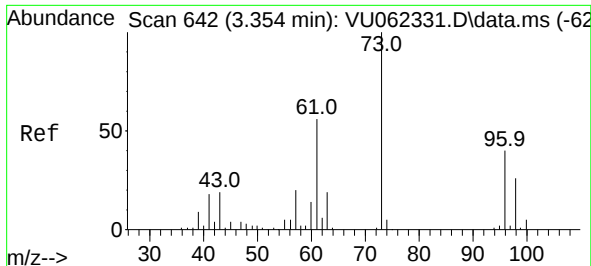
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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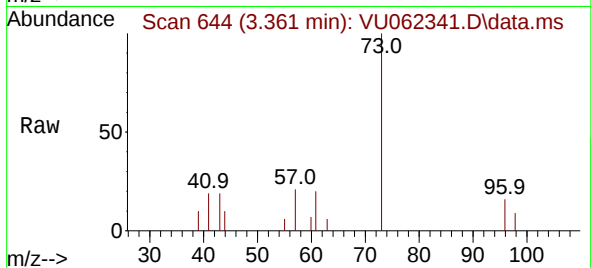
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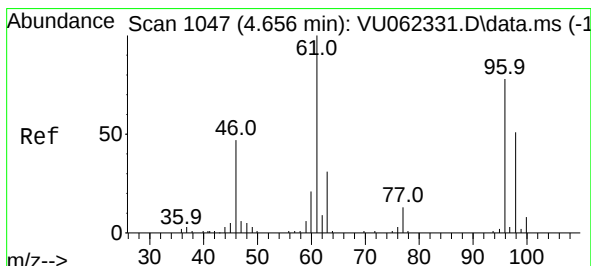
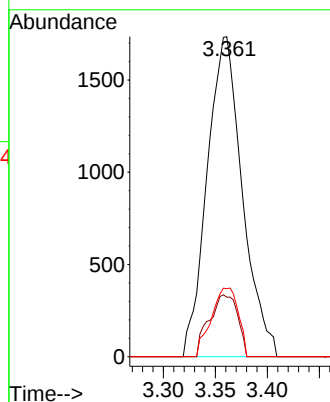
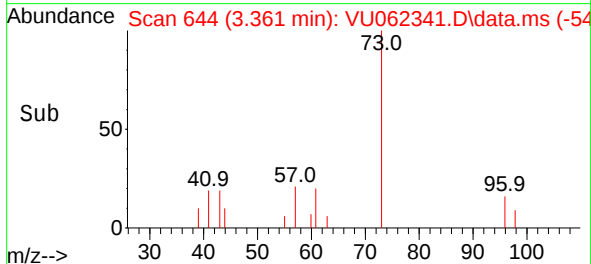


#17
Methyl tert-butyl Ether
Concen: 0.128 ug/L
RT: 3.361 min Scan# 64
Delta R.T. 0.007 min
Lab File: VU062341.D
Acq: 16 Dec 2024 13:58

Instrument :
MSVOA_U
ClientSampleId :

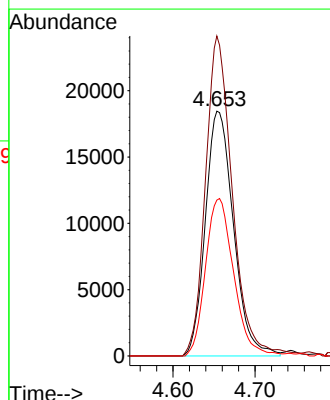
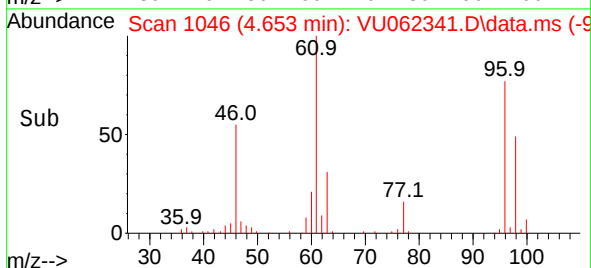
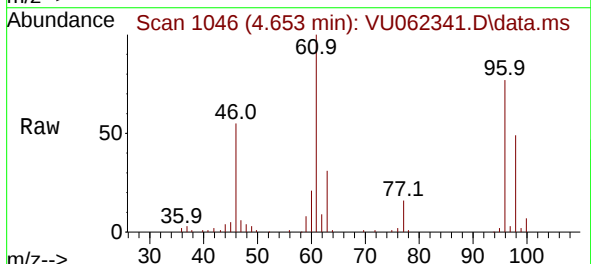


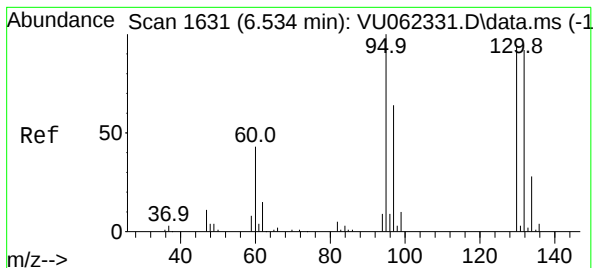
Tgt Ion: 73 Resp: 4089
Ion Ratio Lower Upper
73 100
43 15.6 16.3 24.5#
57 16.4 17.1 25.7#



#22
cis-1,2-Dichloroethene
Concen: 2.990 ug/L
RT: 4.653 min Scan# 1046
Delta R.T. -0.003 min
Lab File: VU062341.D
Acq: 16 Dec 2024 13:58

Tgt Ion: 96 Resp: 44084
Ion Ratio Lower Upper
96 100
61 130.7 92.0 170.8
98 63.7 44.5 82.7





#34

Trichloroethene

Concen: 29.481 ug/L

RT: 6.531 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU062341.D

Acq: 16 Dec 2024 13:58

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 459818

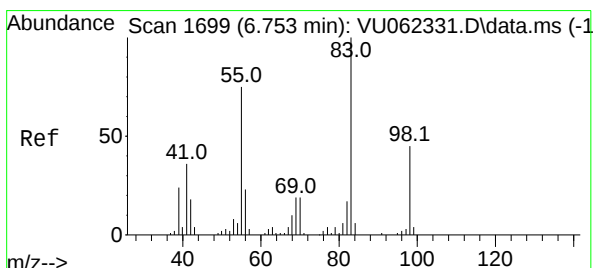
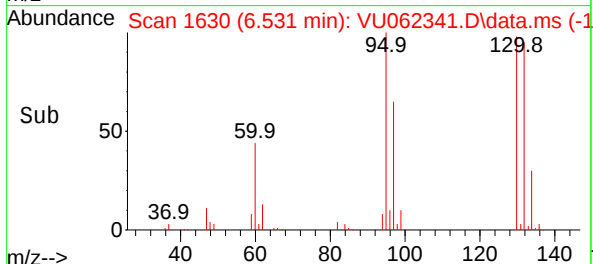
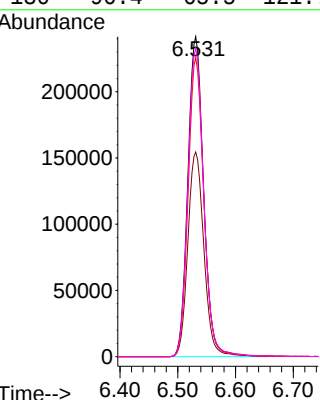
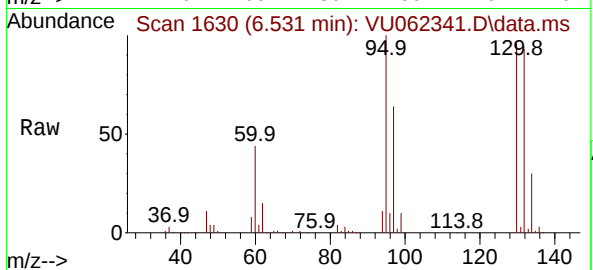
Ion Ratio Lower Upper

95 100

97 64.0 45.9 85.3

132 93.4 63.8 118.4

130 96.4 65.5 121.7



#35

Methylcyclohexane

Concen: 0.375 ug/L

RT: 6.679 min Scan# 1676

Delta R.T. -0.074 min

Lab File: VU062341.D

Acq: 16 Dec 2024 13:58

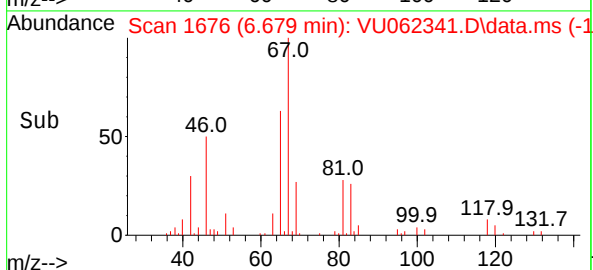
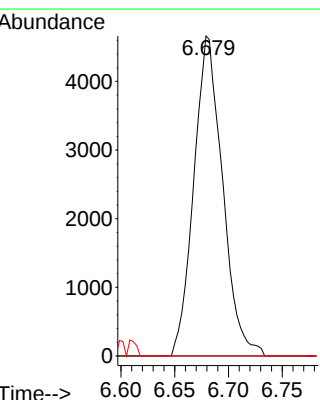
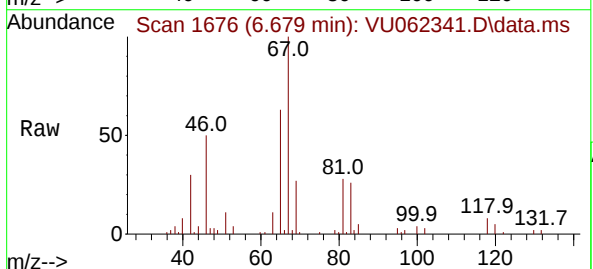
Tgt Ion: 83 Resp: 8669

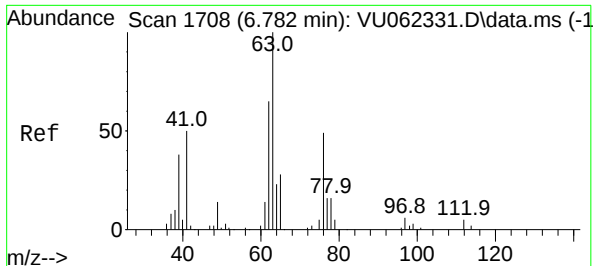
Ion Ratio Lower Upper

83 100

55 0.0 60.7 91.1#

98 9.2 34.8 52.2#

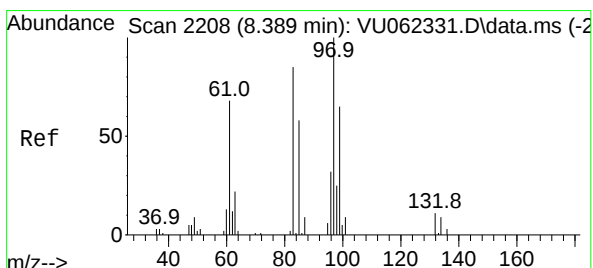
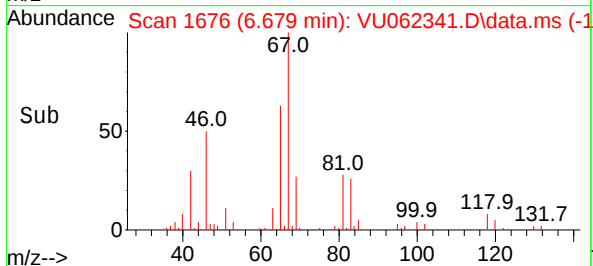
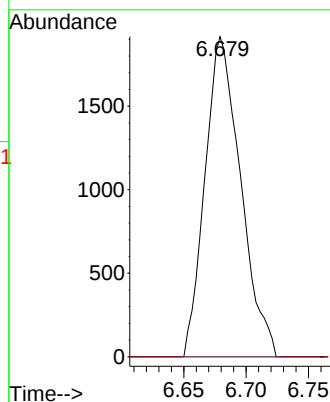
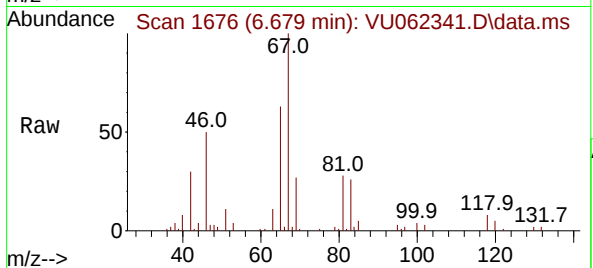




#37
1,2-Dichloropropane
Concen: 0.284 ug/L
RT: 6.679 min Scan# 1
Delta R.T. -0.103 min
Lab File: VU062341.D
Acq: 16 Dec 2024 13:58

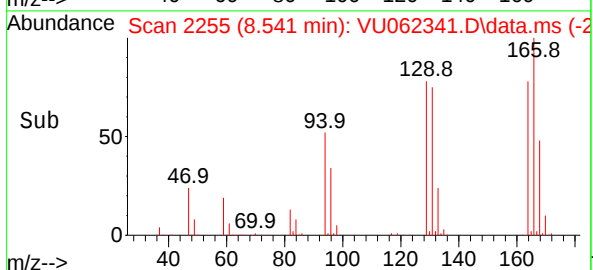
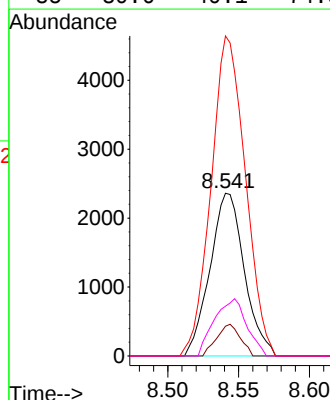
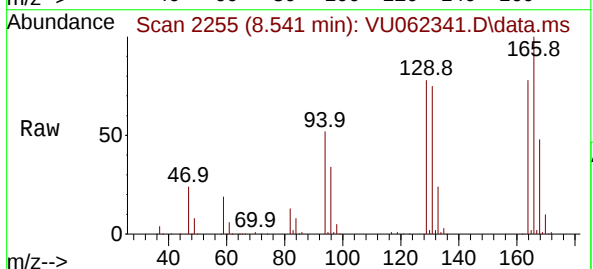
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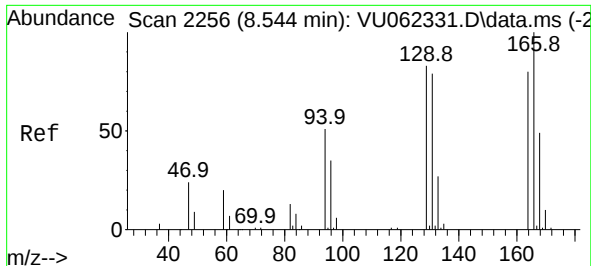
Tgt Ion: 63 Resp: 3809
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



#45
1,1,2-Trichloroethane
Concen: 0.393 ug/L
RT: 8.541 min Scan# 2255
Delta R.T. 0.151 min
Lab File: VU062341.D
Acq: 16 Dec 2024 13:58

Tgt Ion: 97 Resp: 3978
Ion Ratio Lower Upper
97 100
99 18.3 43.0 79.8#
83 196.6 61.7 114.5#
85 30.6 40.1 74.5#





#47

Tetrachloroethene

Concen: 34.557 ug/L

RT: 8.544 min Scan# 2256

Delta R.T. 0.000 min

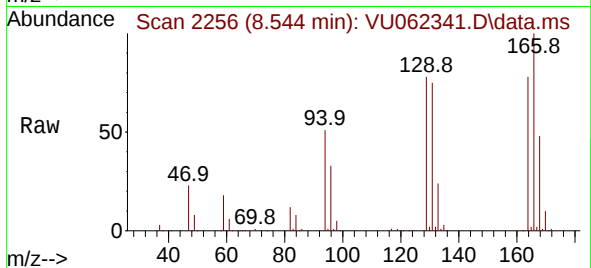
Lab File: VU062341.D

Acq: 16 Dec 2024 13:58

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:164 Resp: 416145

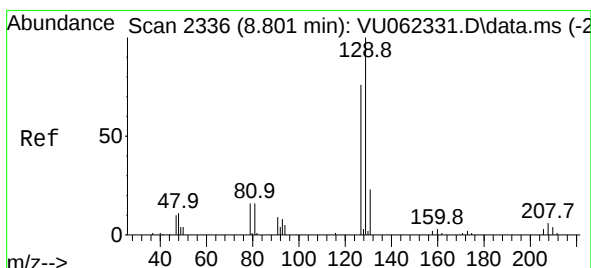
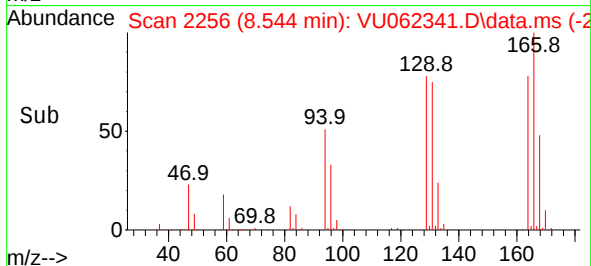
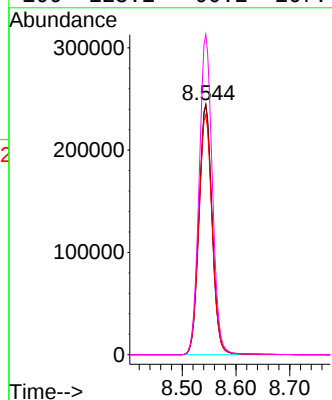
Ion Ratio Lower Upper

164 100

129 100.0 73.2 136.0

131 96.0 72.3 134.3

166 128.1 90.2 167.4



#49

Dibromochloromethane

Concen: 33.614 ug/L

RT: 8.544 min Scan# 2256

Delta R.T. -0.257 min

Lab File: VU062341.D

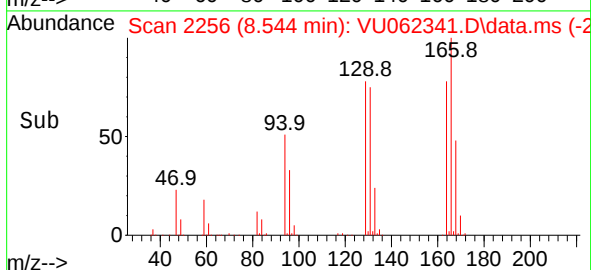
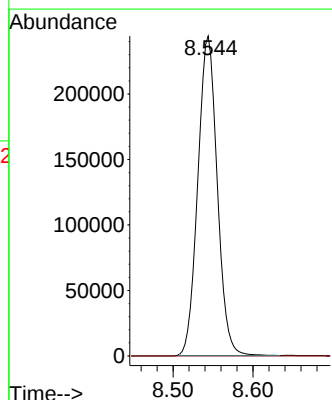
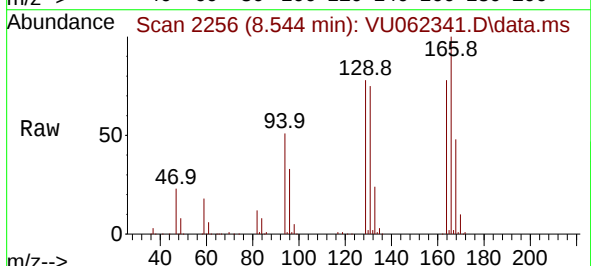
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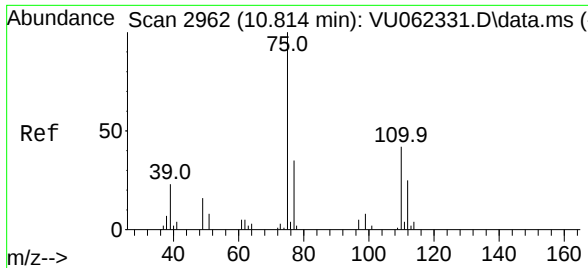
Tgt Ion:129 Resp: 411097

Ion Ratio Lower Upper

129 100

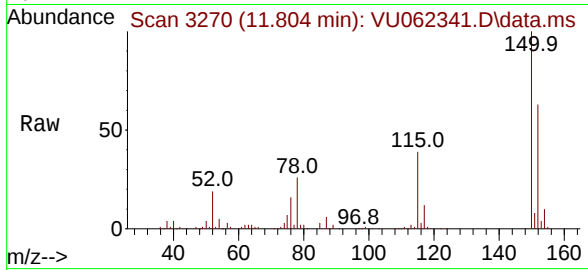
127 0.0 51.1 94.9#





#61
 1,2,3-Trichloropropane
 Concen: 1.089 ug/L
 RT: 11.804 min Scan# 31
 Delta R.T. 0.991 min
 Lab File: VU062341.D
 Acq: 16 Dec 2024 13:58

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 8561
 Ion Ratio Lower Upper
 75 100
 110 2.7 28.9 43.3#
 77 36.6 26.5 39.7

