

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020625\
 Data File : VU063193.D
 Acq On : 06 Feb 2025 14:07
 Operator : MD/SY
 Sample : Q1226-17DL 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 07 07:30:08 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR020425WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Feb 07 07:28:28 2025
 Response via : Initial Calibration

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

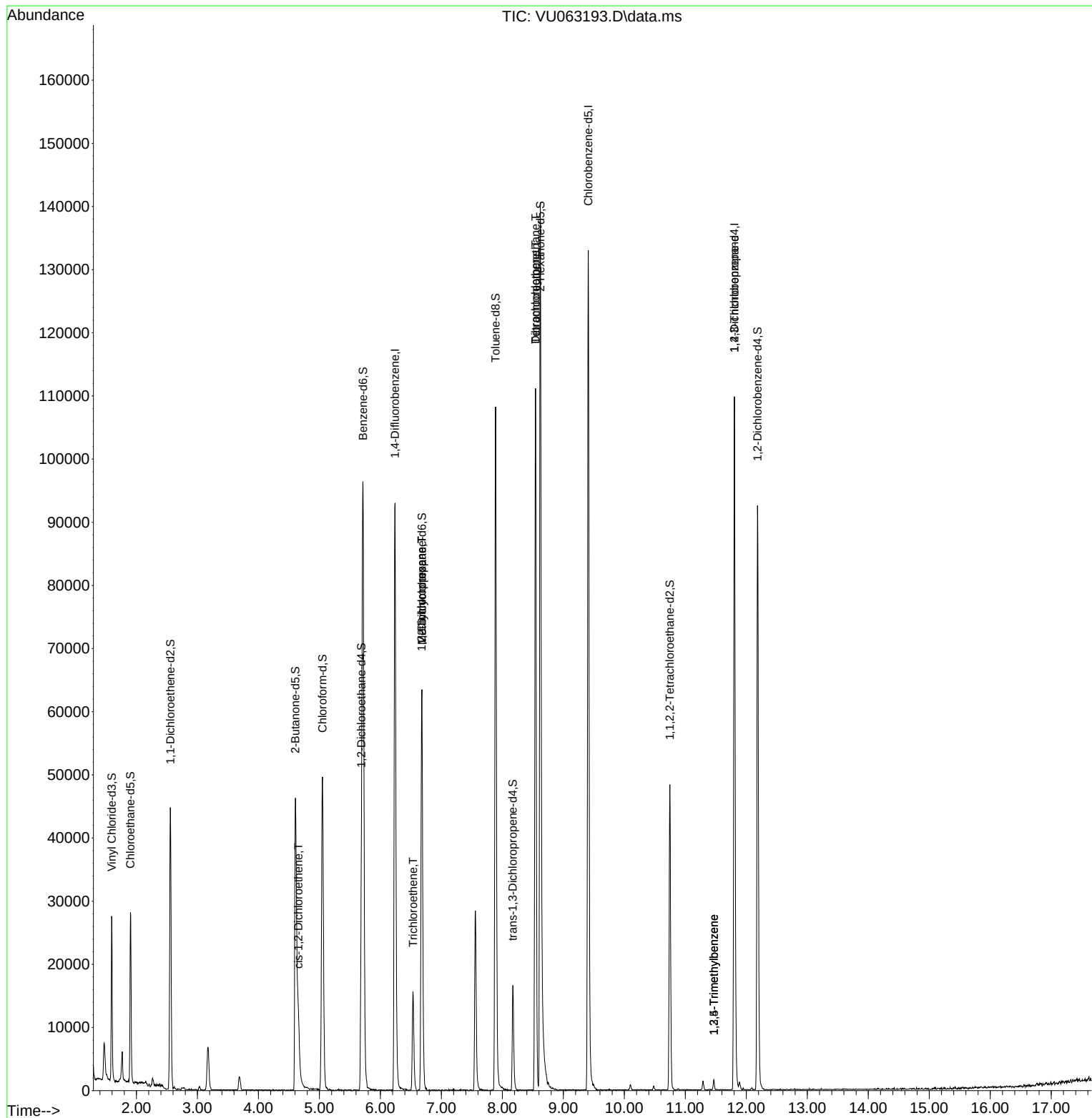
Internal Standards						
1) 1,4-Difluorobenzene	6.239	114	79047	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	76618	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	30880	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	18711	4.138	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.800%
7) Chloroethane-d5	1.901	69	19791	4.716	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.400%
11) 1,1-Dichloroethene-d2	2.557	65	8703	4.312	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.200%
20) 2-Butanone-d5	4.605	46	72249	48.539	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.080%
24) Chloroform-d	5.049	84	47942	4.796	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.000%
26) 1,2-Dichloroethane-d4	5.689	65	25462	4.952	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.000%
32) Benzene-d6	5.714	84	92304	4.619	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.400%
36) 1,2-Dichloropropane-d6	6.679	67	31790	4.825	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.400%
41) Toluene-d8	7.888	98	75200	4.259	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.200%
43) trans-1,3-Dichloroprop...	8.171	79	10379	4.204	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.000%
46) 2-Hexanone-d5	8.621	63	50774	40.863	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.720%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	26242	4.512	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.200%
66) 1,2-Dichlorobenzene-d4	12.184	152	26311	5.103	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.000%
Target Compounds						Qvalue
22) cis-1,2-Dichloroethene	4.657	96	3707	0.605	ug/L	97
34) Trichloroethene	6.534	95	5752	0.898	ug/L	97
35) Methylcyclohexane	6.679	83	6971	0.726	ug/L #	19
37) 1,2-Dichloropropane	6.676	63	3203	0.476	ug/L #	90
47) Tetrachloroethene	8.544	164	25057	5.571	ug/L	97
49) Dibromochloromethane	8.544	129	23726	4.539	ug/L #	11
61) 1,2,3-Trichloropropane	11.804	75	3841	1.031	ug/L #	66
62) 1,3,5-Trimethylbenzene	11.467	105	1388	0.080	ug/L	89
63) 1,2,4-Trimethylbenzene	11.467	105	1388	0.083	ug/L	95

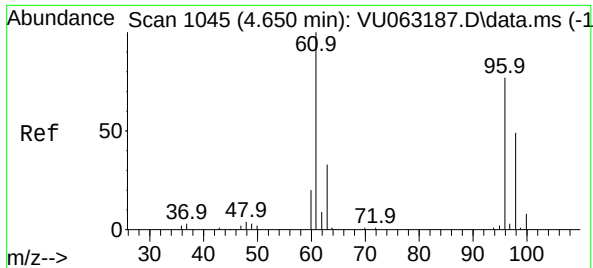
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#22

cis-1,2-Dichloroethene

Concen: 0.605 ug/L

RT: 4.657 min Scan# 1047

Delta R.T. 0.007 min

Lab File: VU063193.D

Acq: 06 Feb 2025 14:07

Instrument :

MSVOA_U

ClientSampleId :

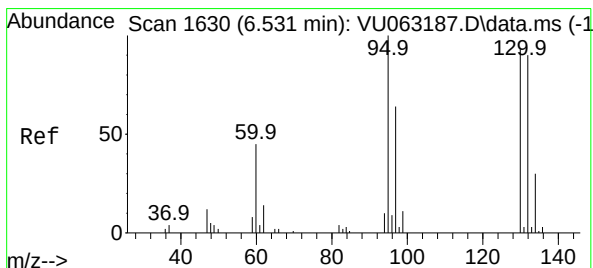
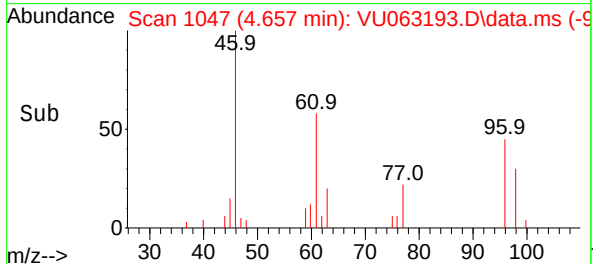
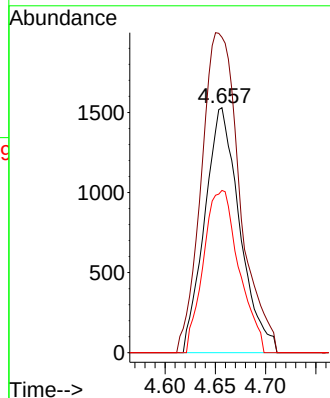
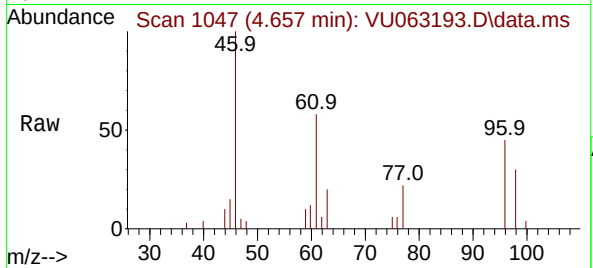
Tgt Ion: 96 Resp: 3707

Ion Ratio Lower Upper

96 100

61 128.8 91.8 170.6

98 66.3 44.4 82.4



#34

Trichloroethene

Concen: 0.898 ug/L

RT: 6.534 min Scan# 1631

Delta R.T. 0.003 min

Lab File: VU063193.D

Acq: 06 Feb 2025 14:07

Tgt Ion: 95 Resp: 5752

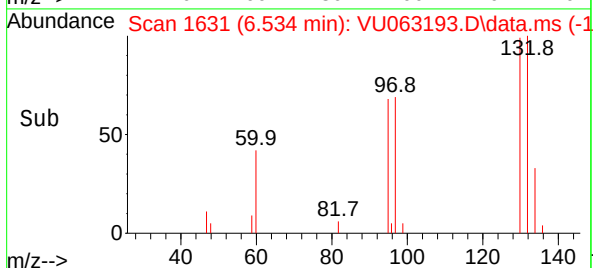
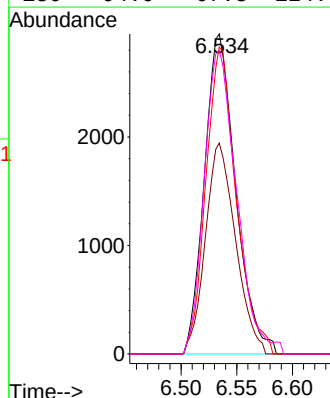
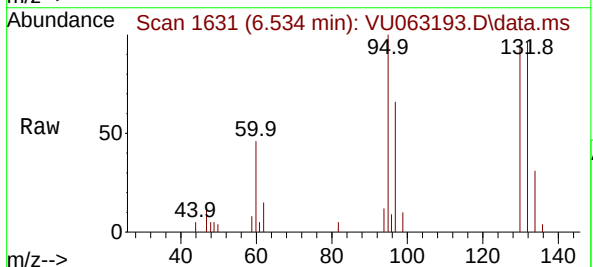
Ion Ratio Lower Upper

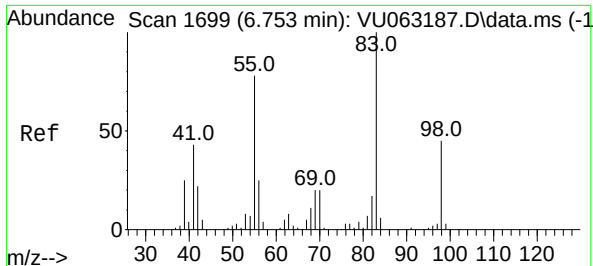
95 100

97 65.9 46.7 86.7

132 95.9 62.4 115.8

130 94.9 67.3 124.9





#35

Methylcyclohexane

Concen: 0.726 ug/L

RT: 6.679 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU063193.D

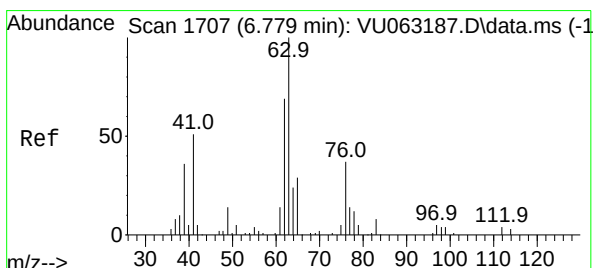
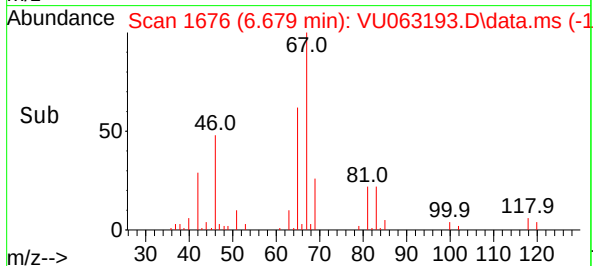
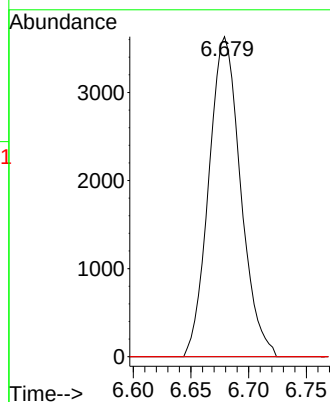
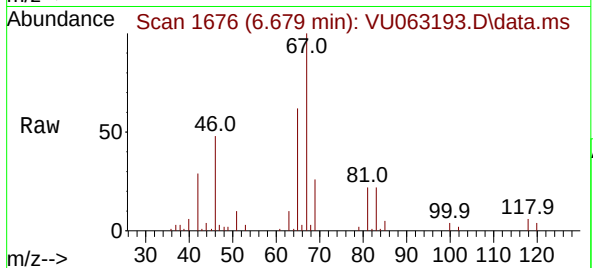
Acq: 06 Feb 2025 14:07

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp: 6971
Ion Ratio	Lower Upper
83 100	
55 0.0	62.8 94.2#
98 3.0	36.0 54.0#



#37

1,2-Dichloropropane

Concen: 0.476 ug/L

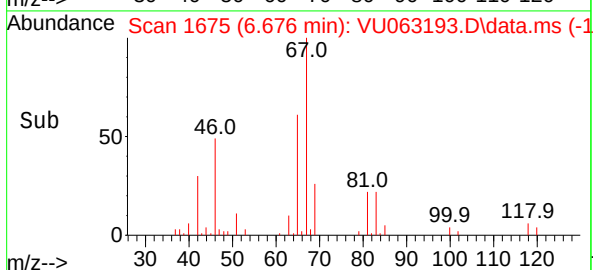
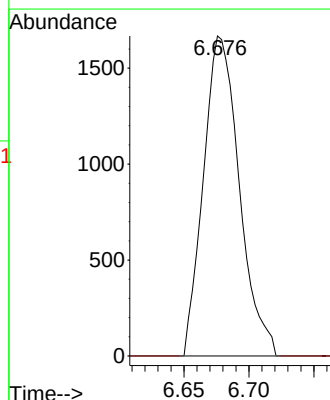
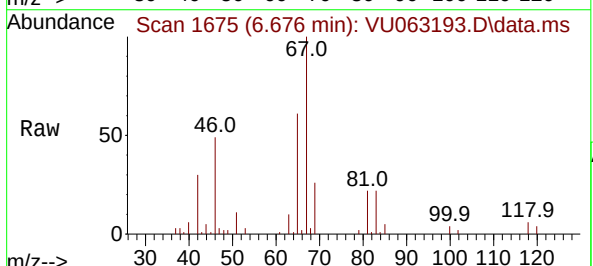
RT: 6.676 min Scan# 1675

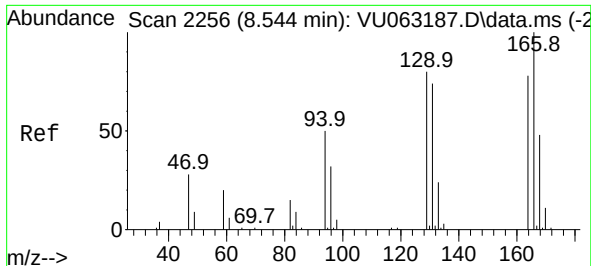
Delta R.T. -0.103 min

Lab File: VU063193.D

Acq: 06 Feb 2025 14:07

Tgt Ion: 63	Resp: 3203
Ion Ratio	Lower Upper
63 100	
112 0.0	2.6 4.0#





#47

Tetrachloroethene

Concen: 5.571 ug/L

RT: 8.544 min Scan# 2256

Delta R.T. 0.000 min

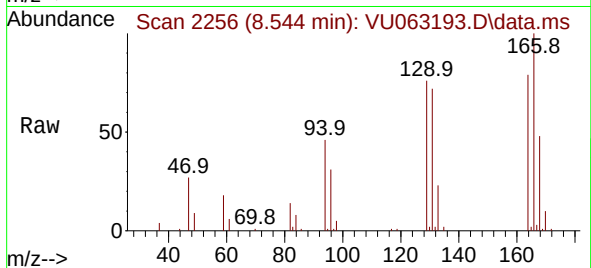
Lab File: VU063193.D

Acq: 06 Feb 2025 14:07

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:164 Resp: 25057

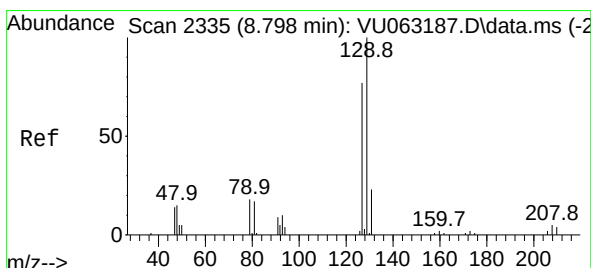
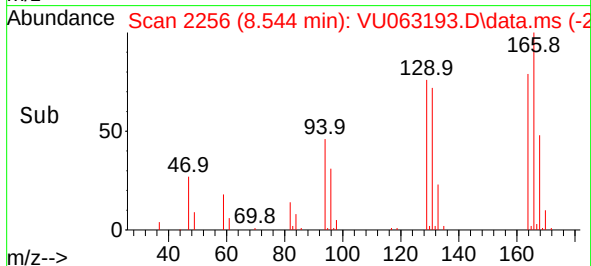
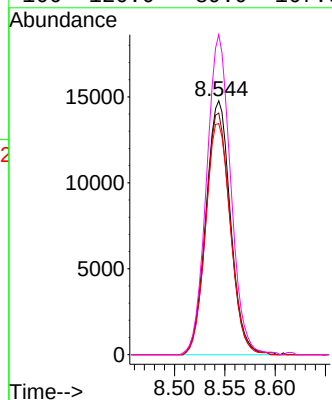
Ion Ratio Lower Upper

164 100

129 95.1 68.6 127.4

131 90.9 66.5 123.5

166 126.0 89.9 167.0



#49

Dibromochloromethane

Concen: 4.539 ug/L

RT: 8.544 min Scan# 2256

Delta R.T. -0.254 min

Lab File: VU063193.D

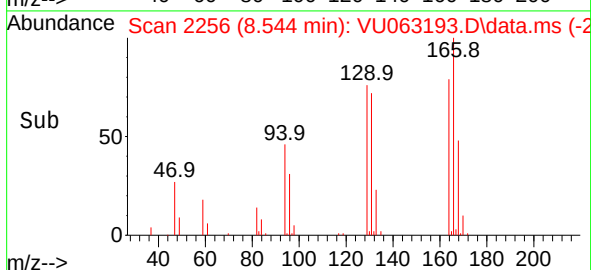
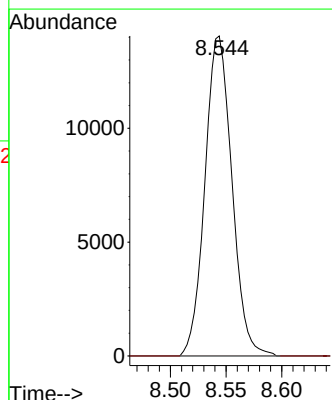
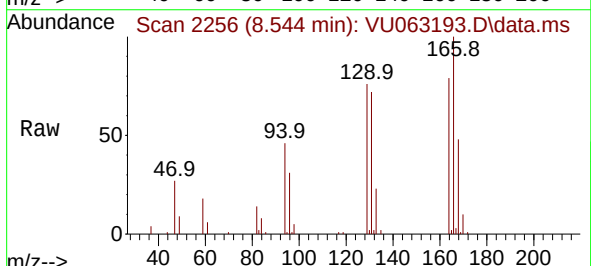
Acq: 06 Feb 2025 14:07

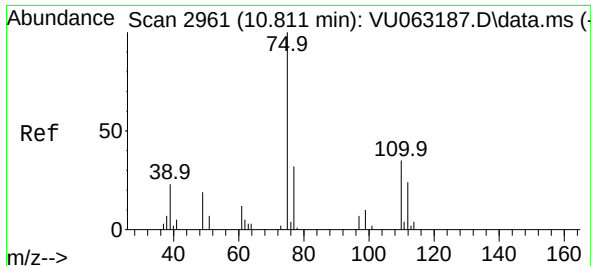
Tgt Ion:129 Resp: 23726

Ion Ratio Lower Upper

129 100

127 0.0 53.8 99.8#





#61

1,2,3-Trichloropropane

Concen: 1.031 ug/L

RT: 11.804 min Scan# 3165

Delta R.T. 0.994 min

Lab File: VU063193.D

Acq: 06 Feb 2025 14:07

Instrument :

MSVOA_U

ClientSampleId :

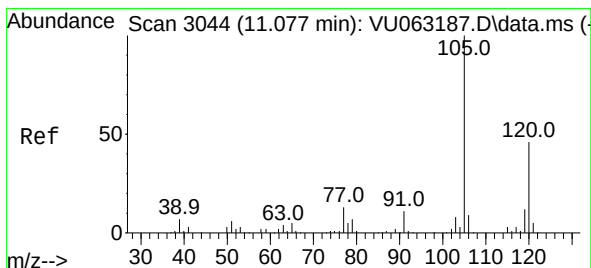
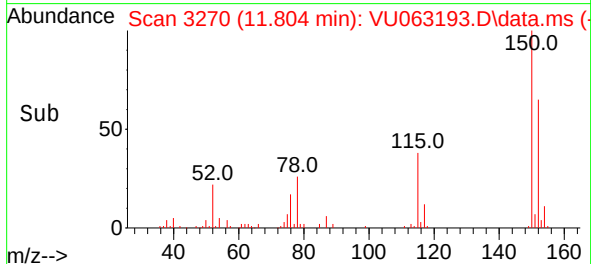
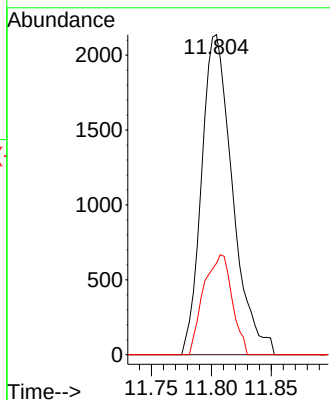
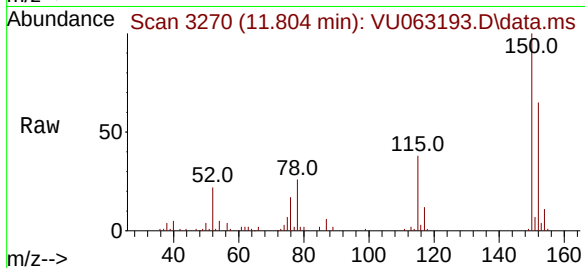
Tgt Ion: 75 Resp: 3841

Ion Ratio Lower Upper

75 100

110 0.0 27.4 41.0#

77 28.6 26.3 39.5



#62

1,3,5-Trimethylbenzene

Concen: 0.080 ug/L

RT: 11.467 min Scan# 3165

Delta R.T. 0.389 min

Lab File: VU063193.D

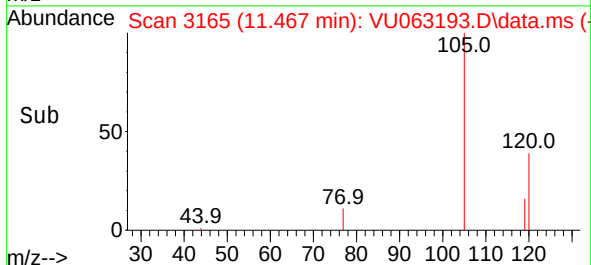
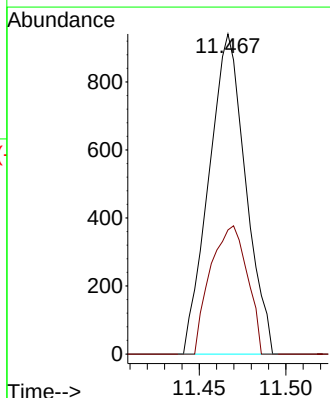
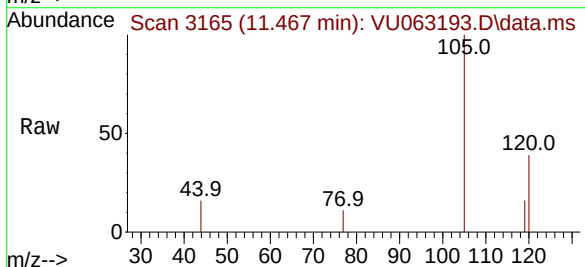
Acq: 06 Feb 2025 14:07

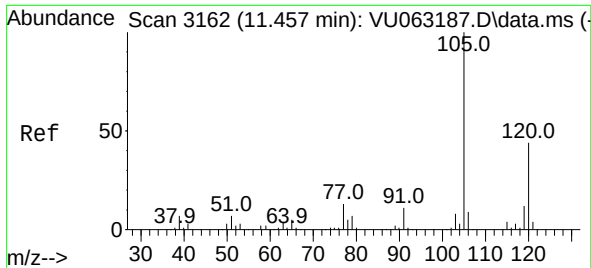
Tgt Ion:105 Resp: 1388

Ion Ratio Lower Upper

105 100

120 40.1 37.8 56.8





#63

1,2,4-Trimethylbenzene

Concen: 0.083 ug/L

RT: 11.467 min Scan# 3165

Delta R.T. 0.010 min

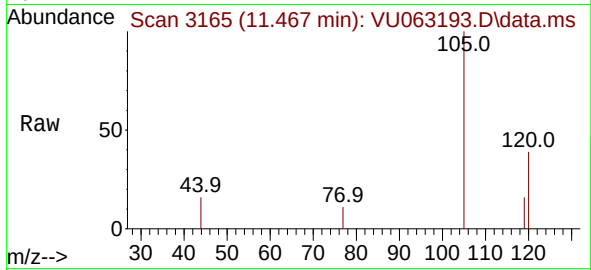
Lab File: VU063193.D

Acq: 06 Feb 2025 14:07

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:105 Resp: 1388

Ion Ratio Lower Upper

105 100

120 40.1 34.7 52.1

