

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020625\
 Data File : VU063192.D
 Acq On : 06 Feb 2025 13:43
 Operator : MD/SY
 Sample : Q1226-09DL 40X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 07 07:29:53 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)

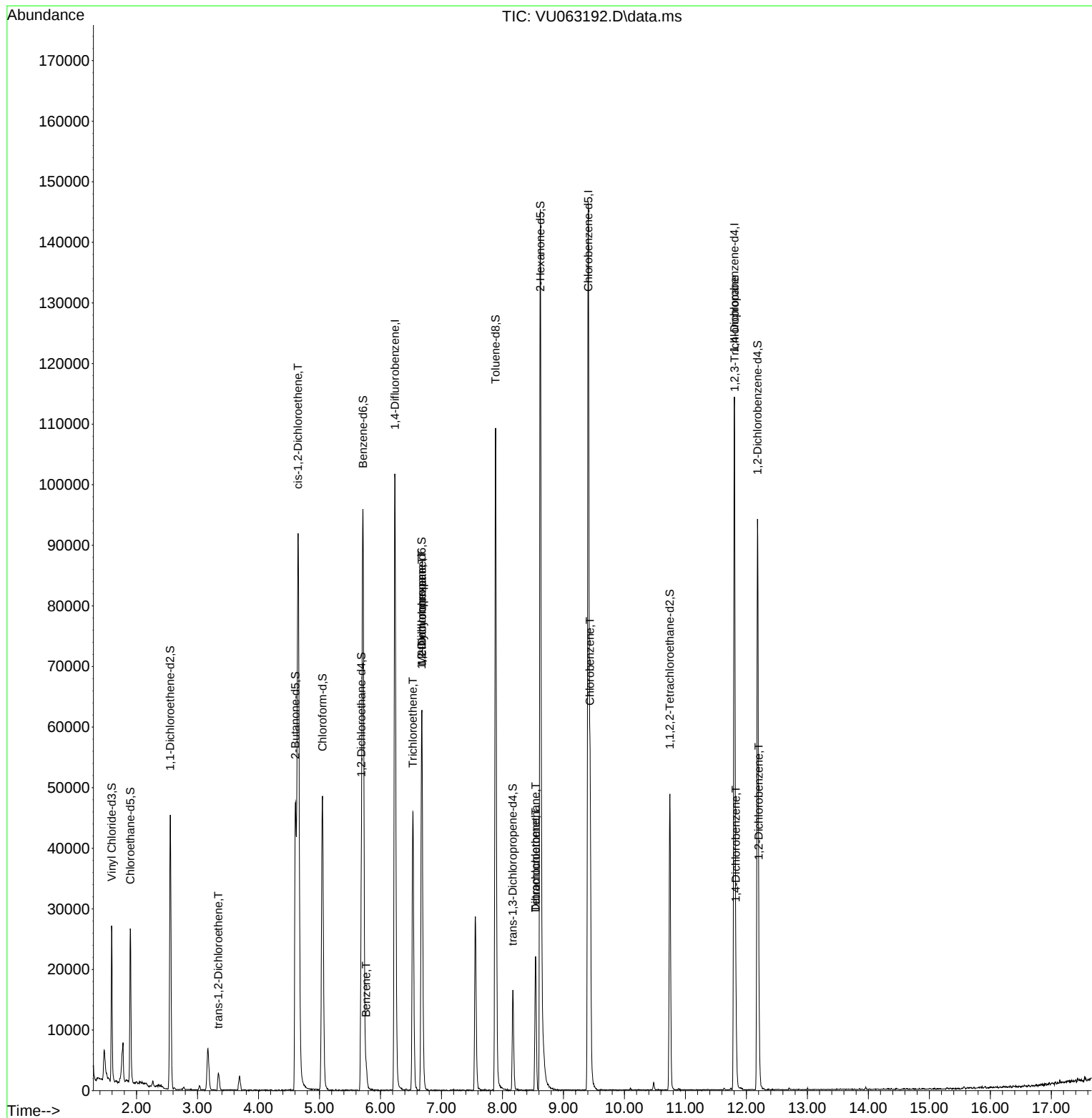
Internal Standards						
1) 1,4-Difluorobenzene	6.235	114	85516	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	81085	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	32025	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	17933	3.666	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery =	73.400%		
7) Chloroethane-d5	1.898	69	19176	4.224	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery =	84.400%		
11) 1,1-Dichloroethene-d2	2.554	65	8774	4.018	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery =	80.400%		
20) 2-Butanone-d5	4.605	46	70542	43.807	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery =	87.620%		
24) Chloroform-d	5.049	84	47519	4.394	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	87.800%		
26) 1,2-Dichloroethane-d4	5.689	65	25310	4.550	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	91.000%		
32) Benzene-d6	5.714	84	90869	4.296	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	86.000%		
36) 1,2-Dichloropropane-d6	6.676	67	31737	4.552	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery =	91.000%		
41) Toluene-d8	7.888	98	74649	3.995	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	80.000%		
43) trans-1,3-Dichloroprop...	8.171	79	10332	3.955	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery =	79.000%		
46) 2-Hexanone-d5	8.621	63	49588	37.710	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery =	75.420%		
56) 1,1,2,2-Tetrachloroeth...	10.746	84	26344	4.280	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	85.600%		
66) 1,2-Dichlorobenzene-d4	12.183	152	26009	4.864	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	97.200%		
Target Compounds						Qvalue
18) trans-1,2-Dichloroethene	3.341	96	1356	0.228	ug/L	89
22) cis-1,2-Dichloroethene	4.650	96	47468	7.159	ug/L	97
33) Benzene	5.766	78	3611	0.135	ug/L	100
34) Trichloroethene	6.531	95	16323	2.409	ug/L	97
35) Methylcyclohexane	6.679	83	6903	0.680	ug/L #	20
37) 1,2-Dichloropropane	6.679	63	3301	0.464	ug/L #	90
47) Tetrachloroethene	8.544	164	5081	1.068	ug/L	98
49) Dibromochloromethane	8.544	129	4880	0.882	ug/L #	11
51) Chlorobenzene	9.438	112	27689	1.645	ug/L	98
61) 1,2,3-Trichloropropane	11.807	75	4999	1.294	ug/L #	62
65) 1,4-Dichlorobenzene	11.827	146	3290	0.318	ug/L	99
67) 1,2-Dichlorobenzene	12.203	146	2902	0.301	ug/L	95

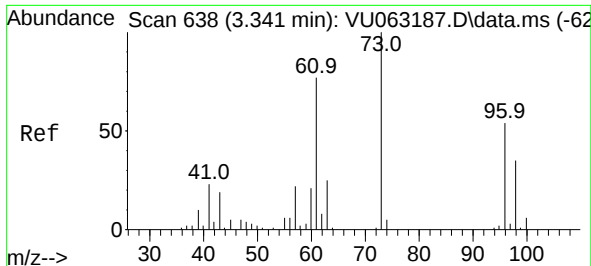
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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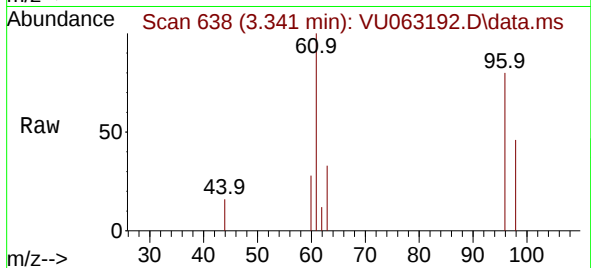
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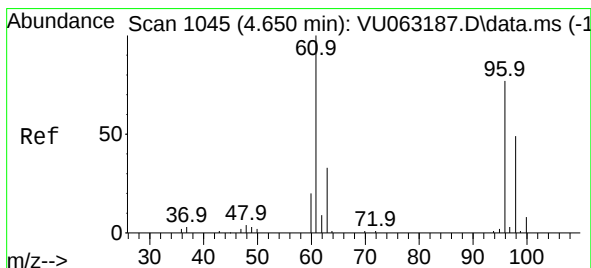
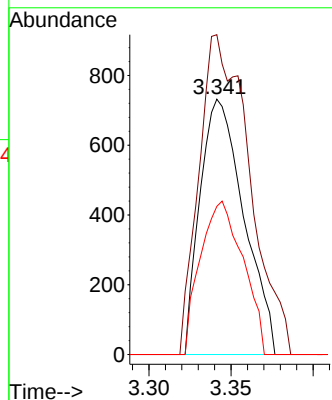
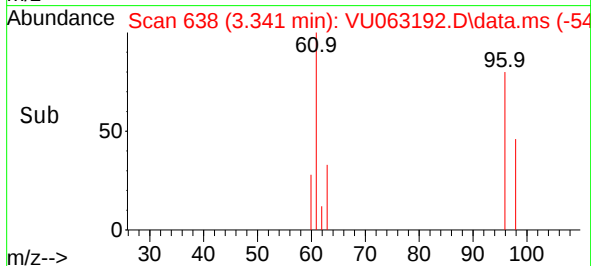
#18
trans-1,2-Dichloroethene
Concen: 0.228 ug/L
RT: 3.341 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU063192.D
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MSVOA_U
ClientSampleId :

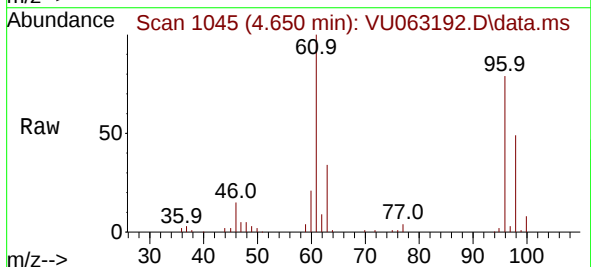


Tgt Ion: 96 Resp: 1356

Ion	Ratio	Lower	Upper
96	100		
61	125.3	99.2	184.2
98	58.1	43.2	80.2

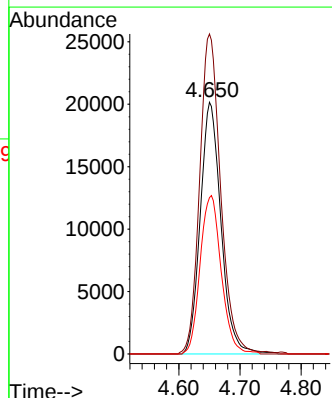
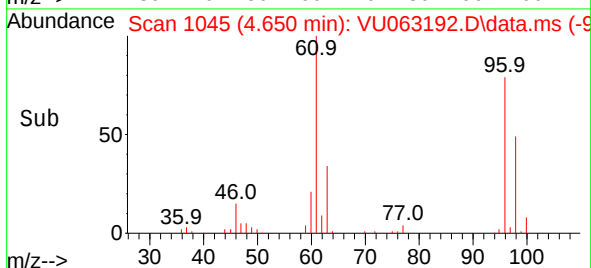


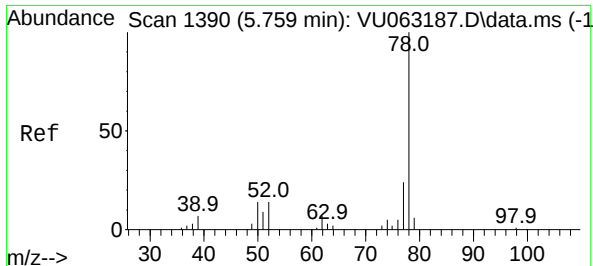
#22
cis-1,2-Dichloroethene
Concen: 7.159 ug/L
RT: 4.650 min Scan# 1045
Delta R.T. -0.000 min
Lab File: VU063192.D
Acq: 06 Feb 2025 13:43



Tgt Ion: 96 Resp: 47468

Ion	Ratio	Lower	Upper
96	100		
61	127.1	91.8	170.6
98	62.1	44.4	82.4





#33

Benzene

Concen: 0.135 ug/L

RT: 5.766 min Scan# 1392

Delta R.T. 0.006 min

Lab File: VU063192.D

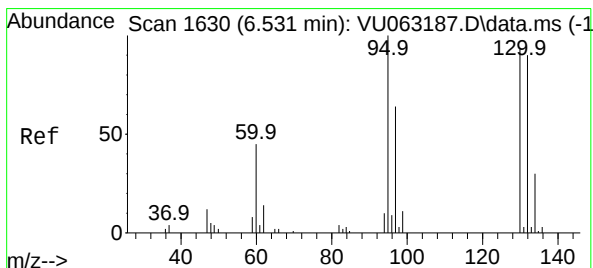
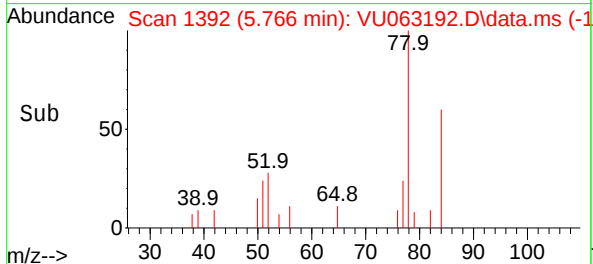
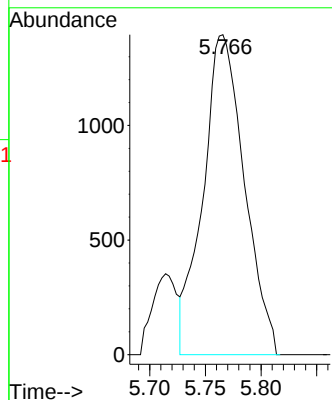
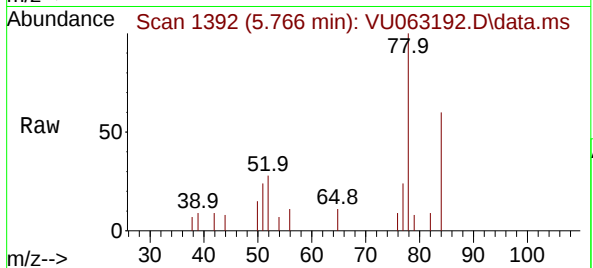
Acq: 06 Feb 2025 13:43

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 78 Resp: 3611



#34

Trichloroethene

Concen: 2.409 ug/L

RT: 6.531 min Scan# 1630

Delta R.T. -0.000 min

Lab File: VU063192.D

Acq: 06 Feb 2025 13:43

Tgt Ion: 95 Resp: 16323

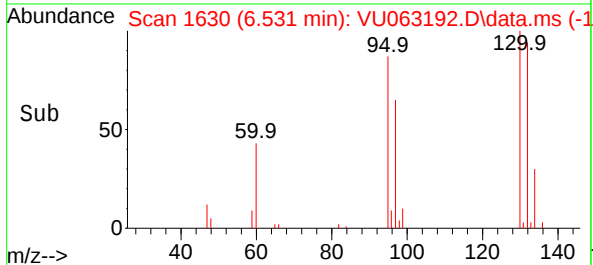
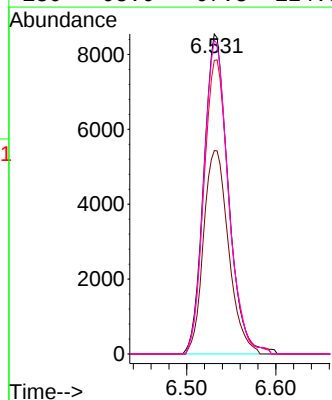
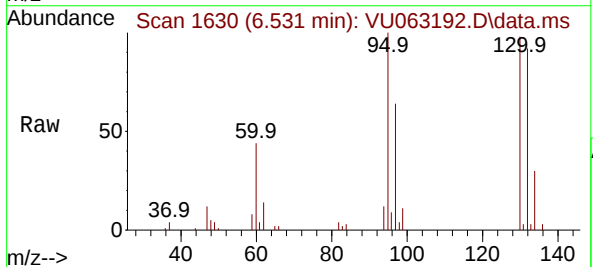
Ion Ratio Lower Upper

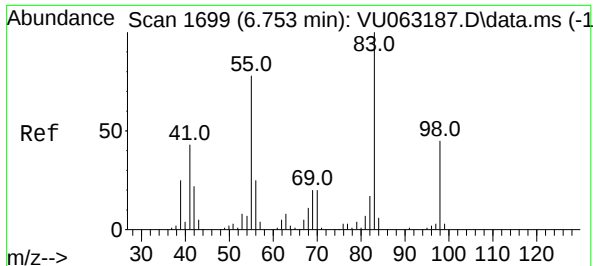
95 100

97 63.5 46.7 86.7

132 91.7 62.4 115.8

130 98.0 67.3 124.9





#35

Methylcyclohexane

Concen: 0.680 ug/L

RT: 6.679 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU063192.D

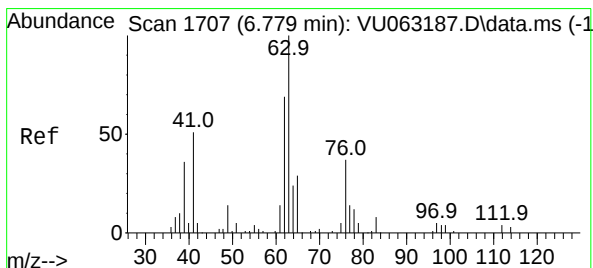
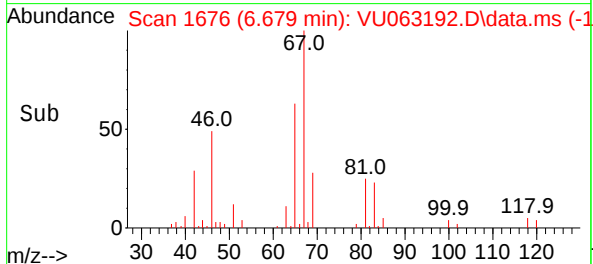
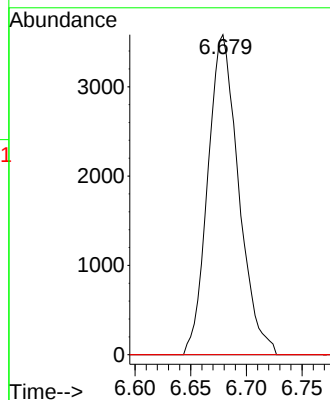
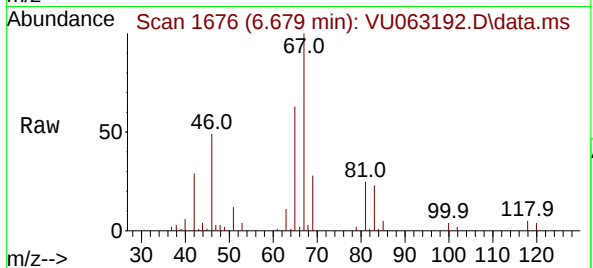
Acq: 06 Feb 2025 13:43

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	83	Resp:	6903
Ion Ratio	Lower	Upper	
83	100		
55	0.0	62.8	94.2#
98	4.5	36.0	54.0#



#37

1,2-Dichloropropane

Concen: 0.464 ug/L

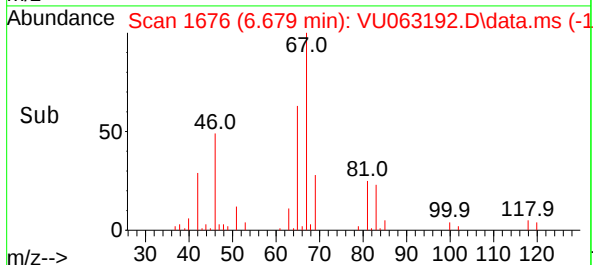
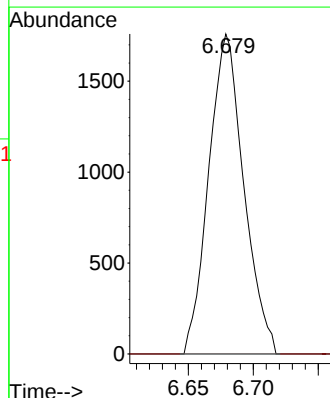
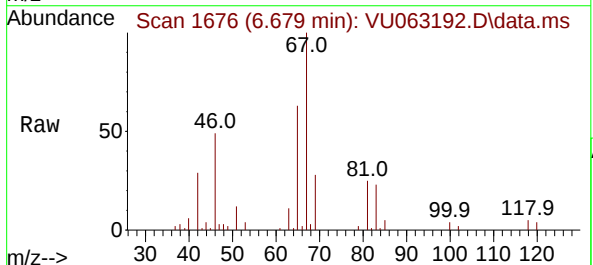
RT: 6.679 min Scan# 1676

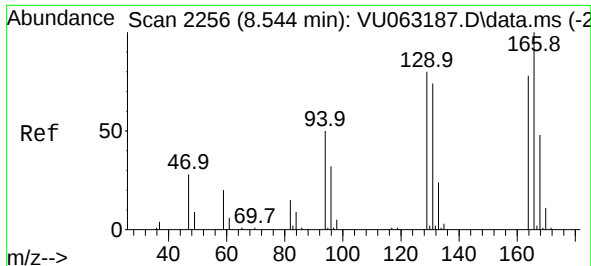
Delta R.T. -0.100 min

Lab File: VU063192.D

Acq: 06 Feb 2025 13:43

Tgt Ion:	63	Resp:	3301
Ion Ratio	Lower	Upper	
63	100		
112	0.0	2.6	4.0#





#47

Tetrachloroethene

Concen: 1.068 ug/L

RT: 8.544 min Scan# 2256

Delta R.T. -0.000 min

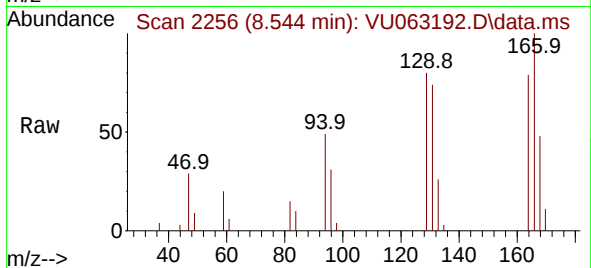
Lab File: VU063192.D

Acq: 06 Feb 2025 13:43

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:164 Resp: 5081

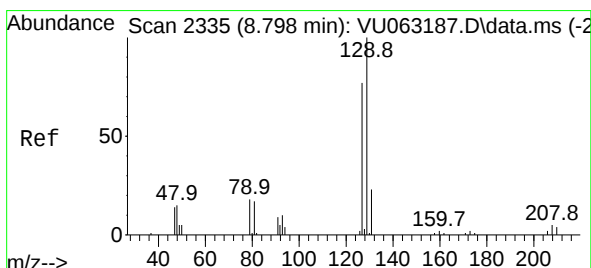
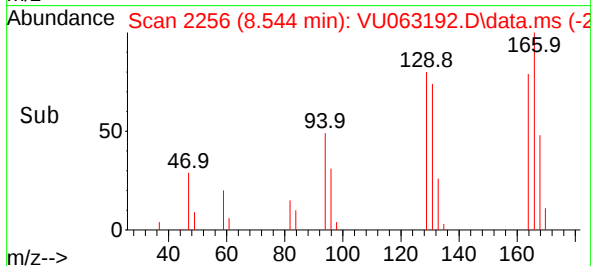
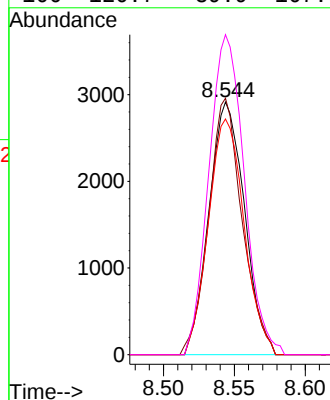
Ion Ratio Lower Upper

164 100

129 101.5 68.6 127.4

131 93.3 66.5 123.5

166 126.7 89.9 167.0



#49

Dibromochloromethane

Concen: 0.882 ug/L

RT: 8.544 min Scan# 2256

Delta R.T. -0.254 min

Lab File: VU063192.D

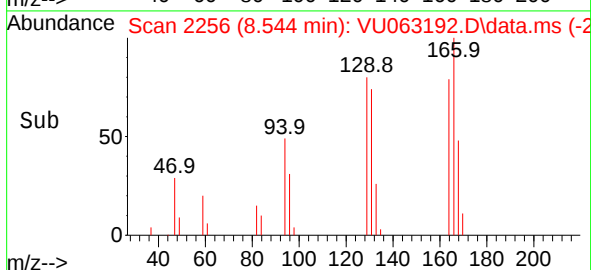
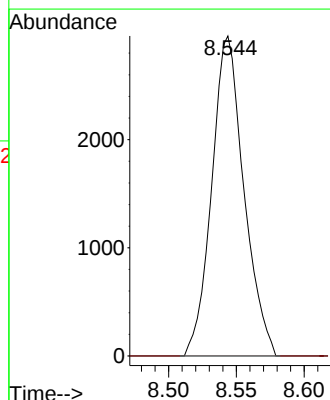
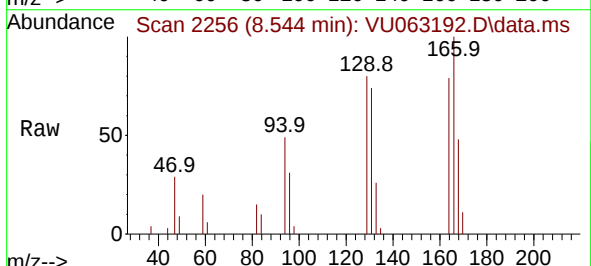
Acq: 06 Feb 2025 13:43

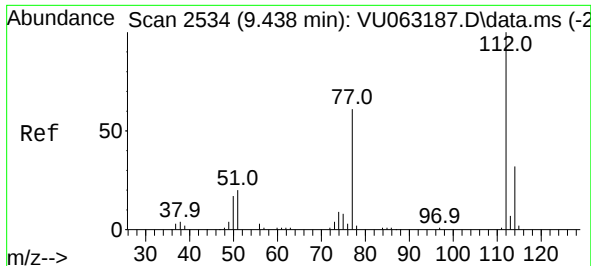
Tgt Ion:129 Resp: 4880

Ion Ratio Lower Upper

129 100

127 0.0 53.8 99.8#





#51

Chlorobenzene

Concen: 1.645 ug/L

RT: 9.438 min Scan# 2

Delta R.T. -0.000 min

Lab File: VU063192.D

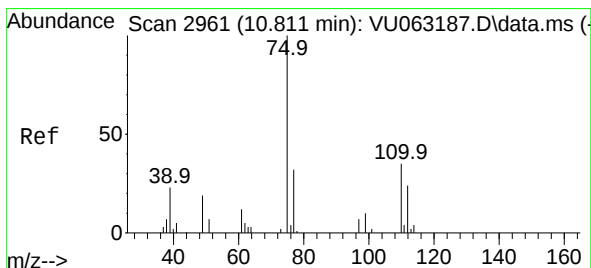
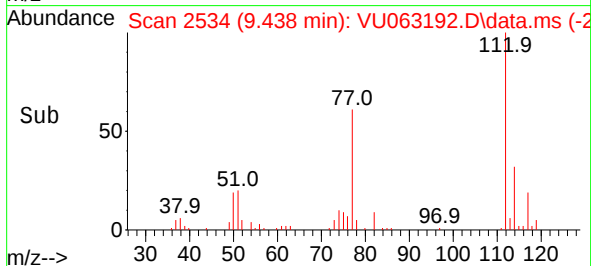
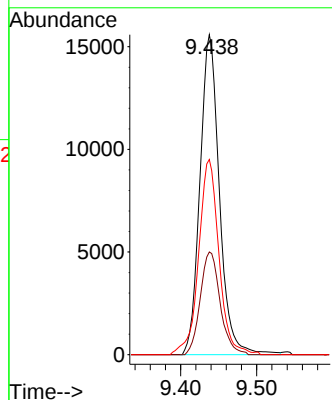
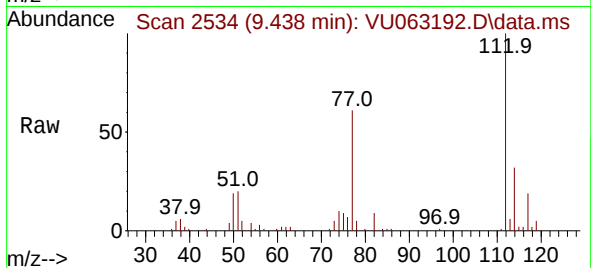
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Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	112	Resp:	27689
Ion Ratio	Lower	Upper	
112	100		
114	32.1	22.6	42.0
77	61.0	50.8	76.2



#61

1,2,3-Trichloropropane

Concen: 1.294 ug/L

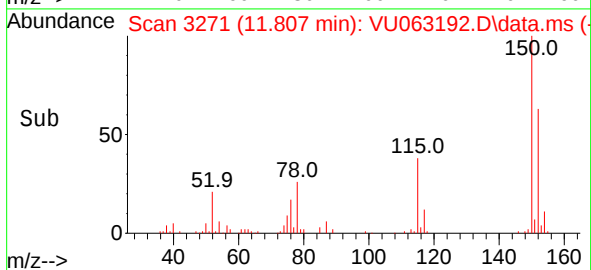
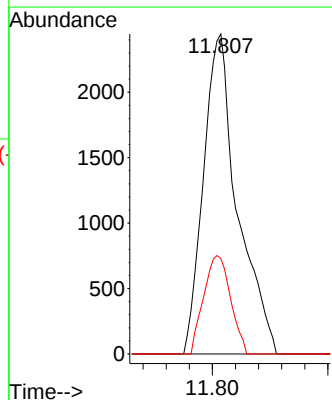
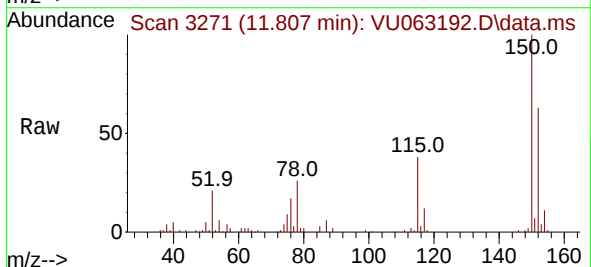
RT: 11.807 min Scan# 3271

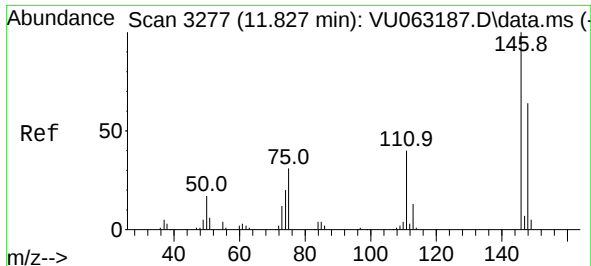
Delta R.T. 0.997 min

Lab File: VU063192.D

Acq: 06 Feb 2025 13:43

Tgt Ion:	75	Resp:	4999
Ion Ratio	Lower	Upper	
75	100		
110	0.0	27.4	41.0#
77	24.2	26.3	39.5#





#65

1,4-Dichlorobenzene

Concen: 0.318 ug/L

RT: 11.827 min Scan# 3277

Delta R.T. -0.000 min

Lab File: VU063192.D

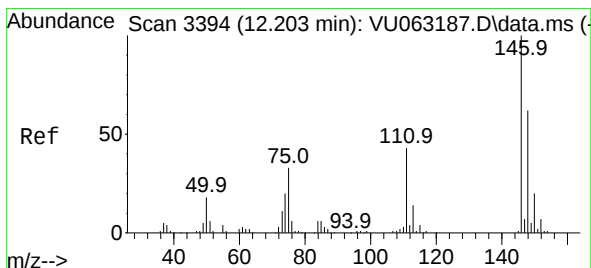
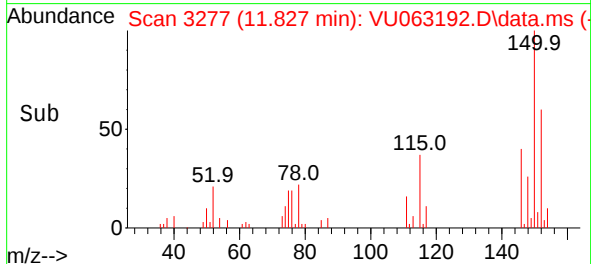
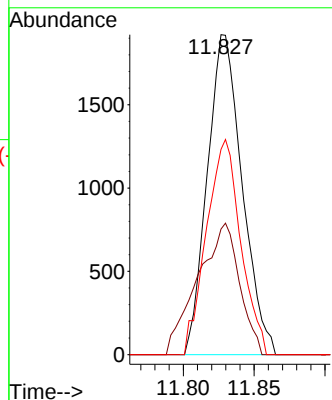
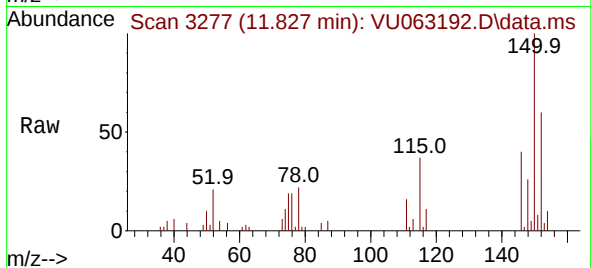
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Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:146	Resp:	3290
Ion Ratio	Lower	Upper
146	100	
111	39.3	28.5 52.9
148	64.1	45.4 84.2



#67

1,2-Dichlorobenzene

Concen: 0.301 ug/L

RT: 12.203 min Scan# 3394

Delta R.T. -0.000 min

Lab File: VU063192.D

Acq: 06 Feb 2025 13:43

Tgt Ion:146	Resp:	2902
Ion Ratio	Lower	Upper
146	100	
111	42.7	34.1 51.1
148	59.4	52.5 78.7

