

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020625\
 Data File : VU063197.D
 Acq On : 06 Feb 2025 15:47
 Operator : MD/SY
 Sample : Q1226-23DL 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 07 07:31:10 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)

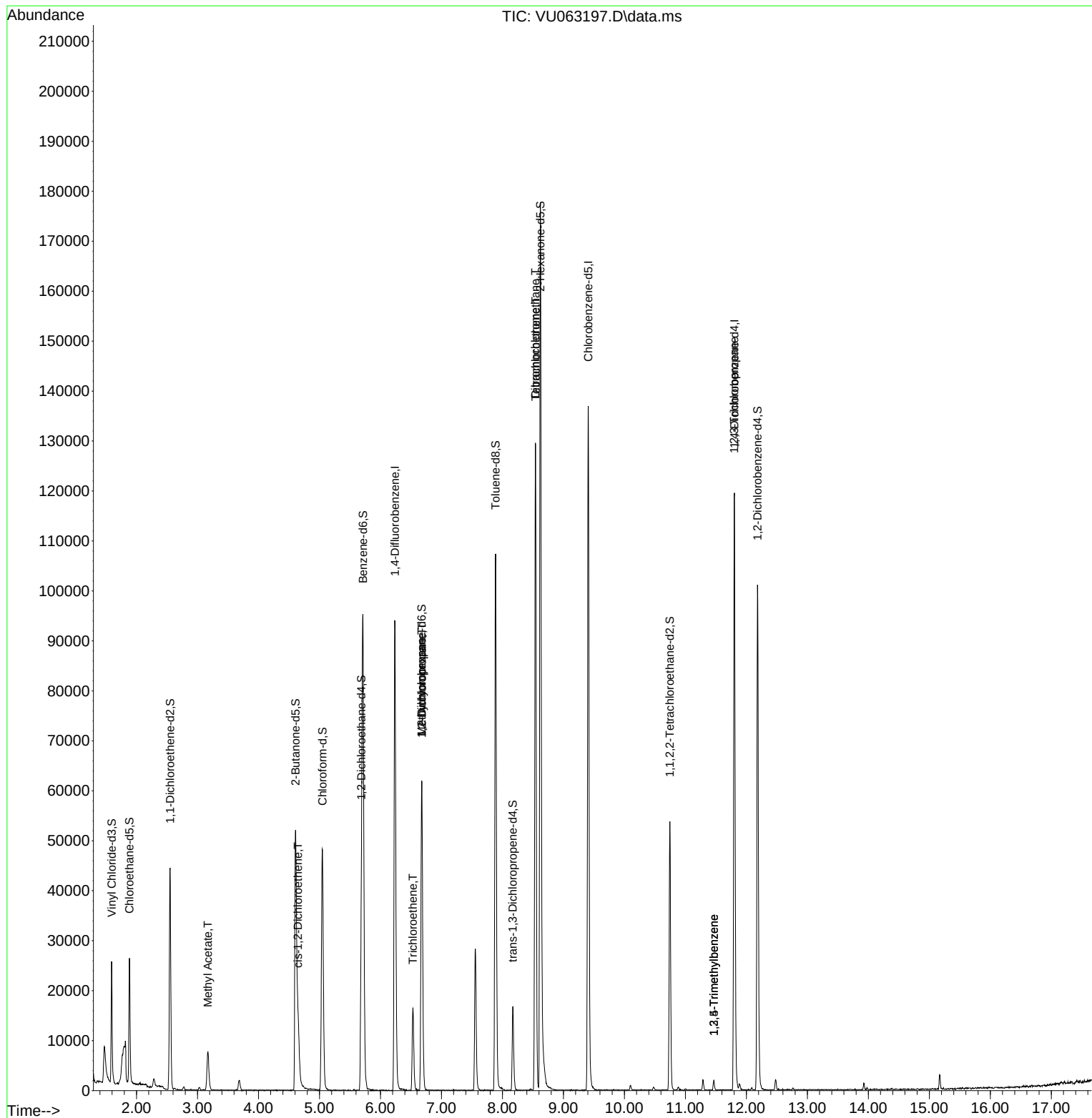
Internal Standards						
1) 1,4-Difluorobenzene	6.235	114	78483	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	75863	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	33098	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	17757	3.955	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.200%
7) Chloroethane-d5	1.885	69	18573	4.458	ug/L	-0.02
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.200%
11) 1,1-Dichloroethene-d2	2.550	65	8651	4.317	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.400%
20) 2-Butanone-d5	4.608	46	80952	54.776	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.560%
24) Chloroform-d	5.049	84	47034	4.739	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.800%
26) 1,2-Dichloroethane-d4	5.688	65	25701	5.035	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.600%
32) Benzene-d6	5.714	84	90222	4.559	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.200%
36) 1,2-Dichloropropane-d6	6.676	67	31309	4.799	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.000%
41) Toluene-d8	7.888	98	74961	4.288	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.800%
43) trans-1,3-Dichloroprop...	8.171	79	10301	4.214	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.200%
46) 2-Hexanone-d5	8.621	63	61945	50.350	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.700%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	28015	4.865	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.400%
66) 1,2-Dichlorobenzene-d4	12.183	152	28176	5.098	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.000%
Target Compounds						
15) Methyl Acetate	3.171	43	582	0.229	ug/L #	51
22) cis-1,2-Dichloroethene	4.650	96	4173	0.686	ug/L	98
34) Trichloroethene	6.531	95	6160	0.972	ug/L	97
35) Methylcyclohexane	6.676	83	6771	0.713	ug/L #	22
37) 1,2-Dichloropropane	6.679	63	3176	0.477	ug/L #	90
47) Tetrachloroethene	8.544	164	28573	6.416	ug/L	99
49) Dibromochloromethane	8.540	129	28206	5.449	ug/L #	11
61) 1,2,3-Trichloropropane	11.801	75	4077	1.021	ug/L #	69
62) 1,3,5-Trimethylbenzene	11.466	105	1714	0.092	ug/L	92
63) 1,2,4-Trimethylbenzene	11.466	105	1714	0.096	ug/L	98

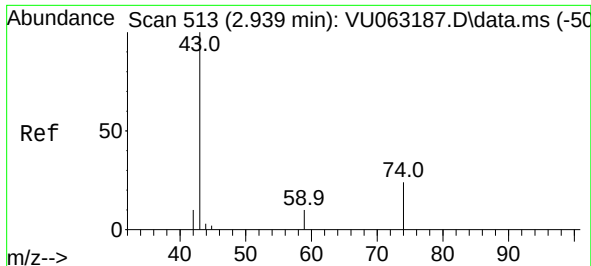
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#15

Methyl Acetate

Concen: 0.229 ug/L

RT: 3.171 min Scan# 51

Delta R.T. 0.231 min

Lab File: VU063197.D

Acq: 06 Feb 2025 15:47

Instrument :

MSVOA_U

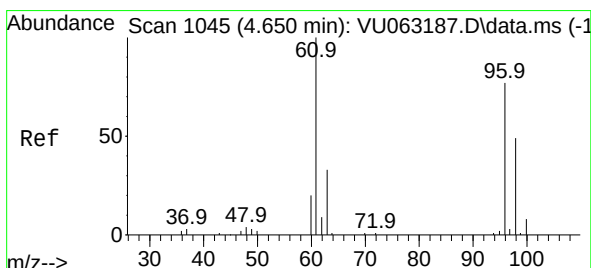
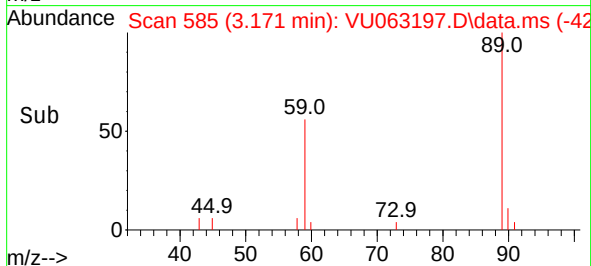
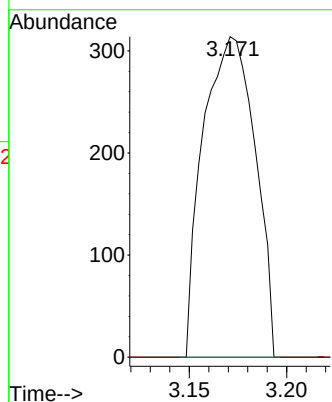
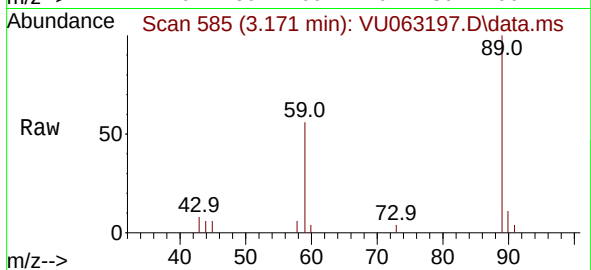
ClientSampleId :

Tgt Ion: 43 Resp: 582

Ion Ratio Lower Upper

43 100

74 0.0 19.5 29.3#



#22

cis-1,2-Dichloroethene

Concen: 0.686 ug/L

RT: 4.650 min Scan# 1045

Delta R.T. -0.000 min

Lab File: VU063197.D

Acq: 06 Feb 2025 15:47

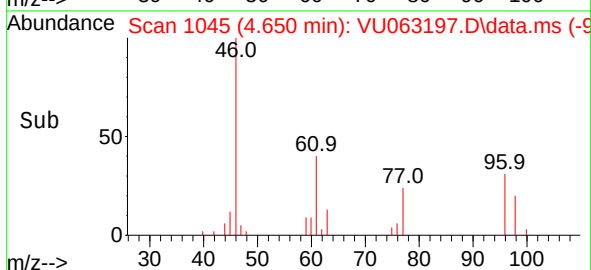
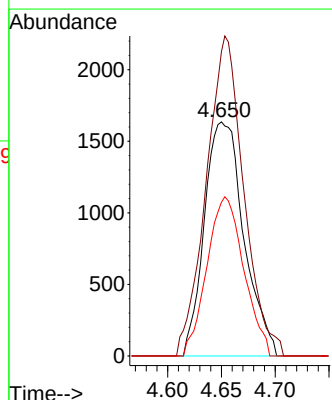
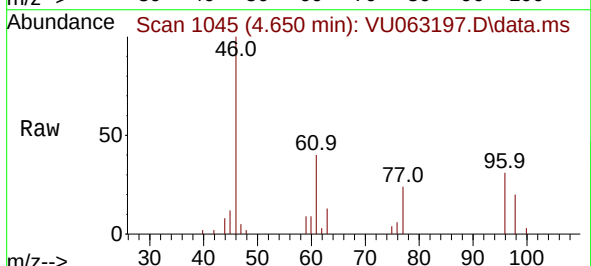
Tgt Ion: 96 Resp: 4173

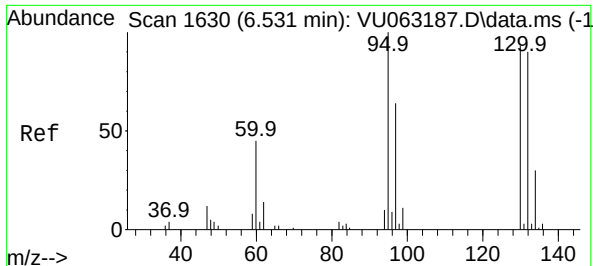
Ion Ratio Lower Upper

96 100

61 130.1 91.8 170.6

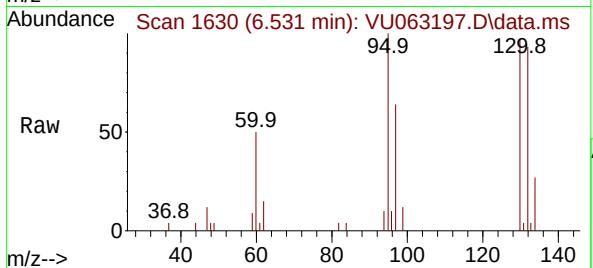
98 65.6 44.4 82.4





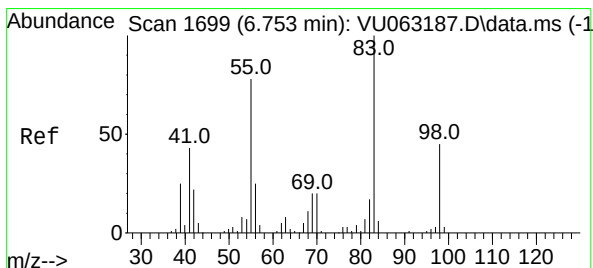
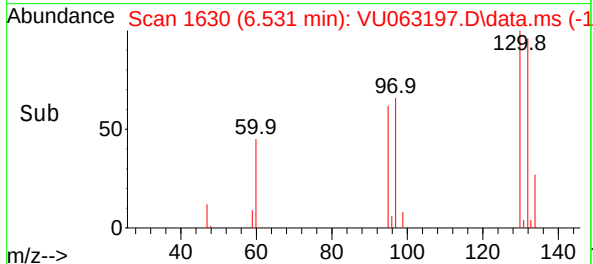
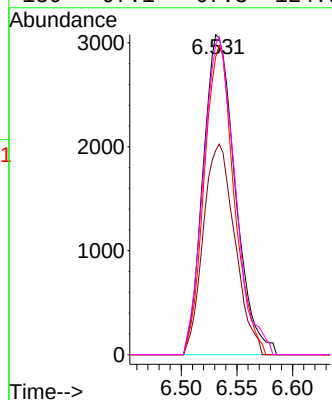
#34
Trichloroethene
Concen: 0.972 ug/L
RT: 6.531 min Scan# 1630
Delta R.T. -0.000 min
Lab File: VU063197.D
Acq: 06 Feb 2025 15:47

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 95 Resp: 6160

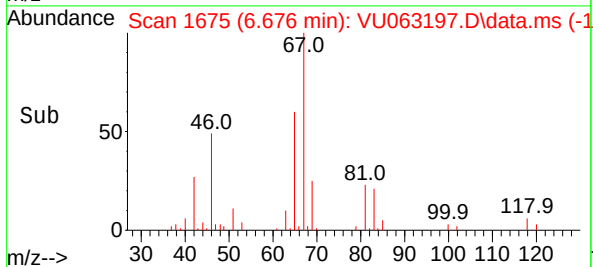
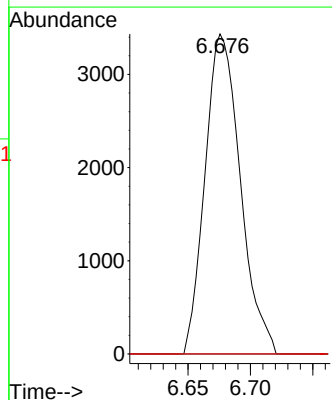
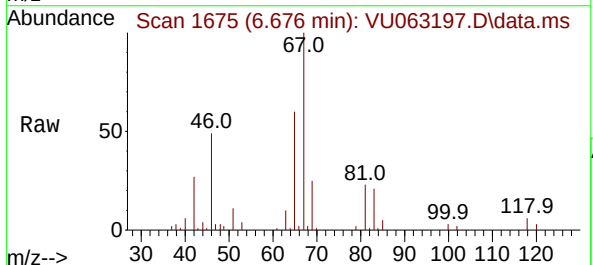
Ion	Ratio	Lower	Upper
95	100		
97	63.8	46.7	86.7
132	93.1	62.4	115.8
130	97.1	67.3	124.9

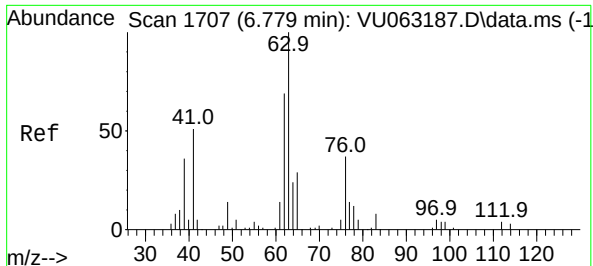


#35
Methylcyclohexane
Concen: 0.713 ug/L
RT: 6.676 min Scan# 1675
Delta R.T. -0.077 min
Lab File: VU063197.D
Acq: 06 Feb 2025 15:47

Tgt Ion: 83 Resp: 6771

Ion	Ratio	Lower	Upper
83	100		
55	0.0	62.8	94.2#
98	7.5	36.0	54.0#

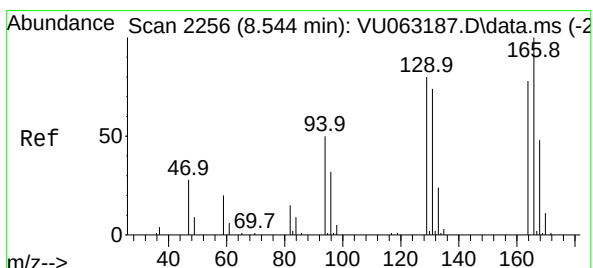
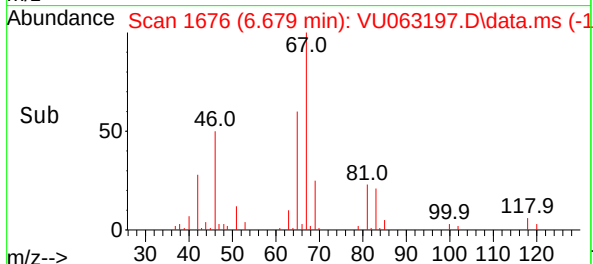
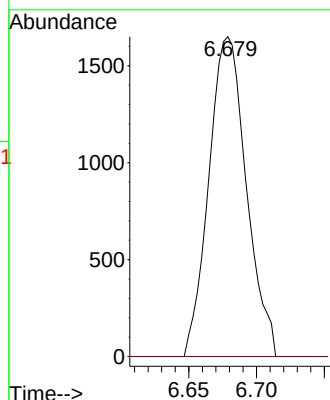
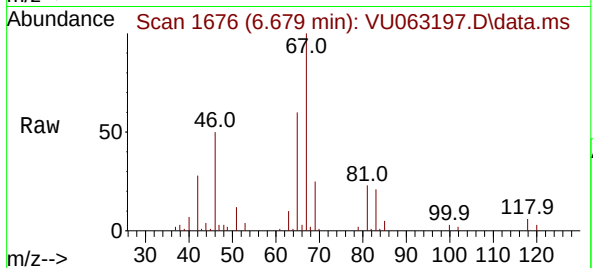




#37
1,2-Dichloropropane
Concen: 0.477 ug/L
RT: 6.679 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU063197.D
Acq: 06 Feb 2025 15:47

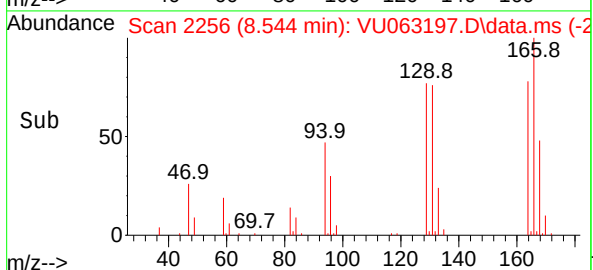
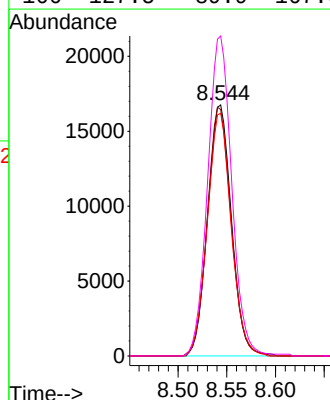
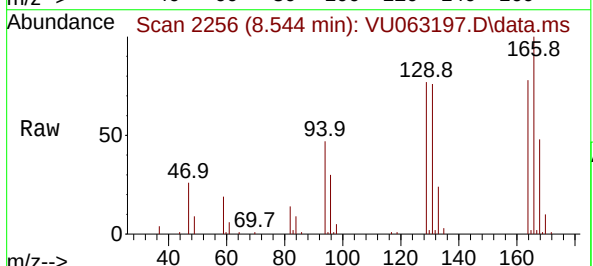
Instrument :
MSVOA_U
ClientSampleId :

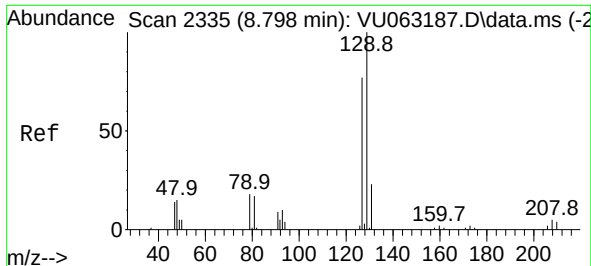
Tgt Ion: 63 Resp: 3176
Ion Ratio Lower Upper
63 100
112 0.0 2.6 4.0#



#47
Tetrachloroethene
Concen: 6.416 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. -0.000 min
Lab File: VU063197.D
Acq: 06 Feb 2025 15:47

Tgt Ion:164 Resp: 28573
Ion Ratio Lower Upper
164 100
129 98.2 68.6 127.4
131 96.7 66.5 123.5
166 127.5 89.9 167.0





#49

Dibromochloromethane

Concen: 5.449 ug/L

RT: 8.540 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU063197.D

Acq: 06 Feb 2025 15:47

Instrument :

MSVOA_U

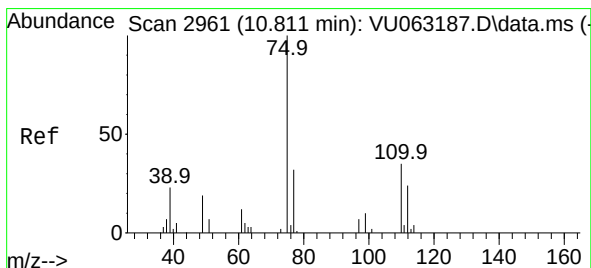
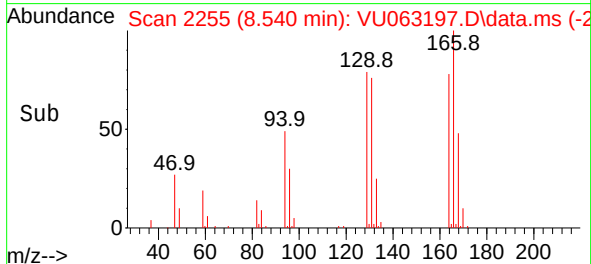
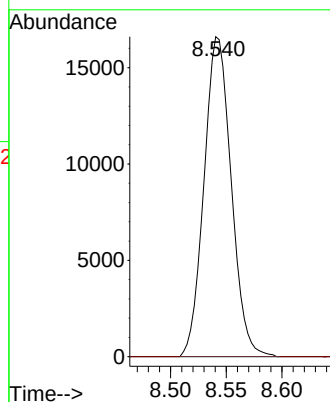
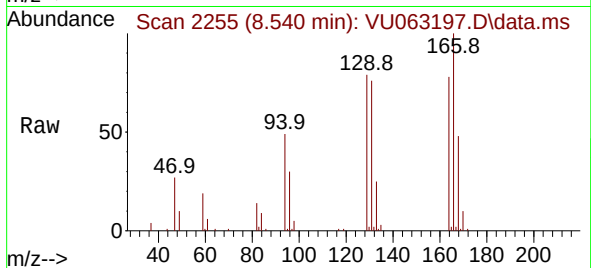
ClientSampleId :

Tgt Ion:129 Resp: 28206

Ion Ratio Lower Upper

129 100

127 0.0 53.8 99.8#



#61

1,2,3-Trichloropropane

Concen: 1.021 ug/L

RT: 11.801 min Scan# 3269

Delta R.T. 0.990 min

Lab File: VU063197.D

Acq: 06 Feb 2025 15:47

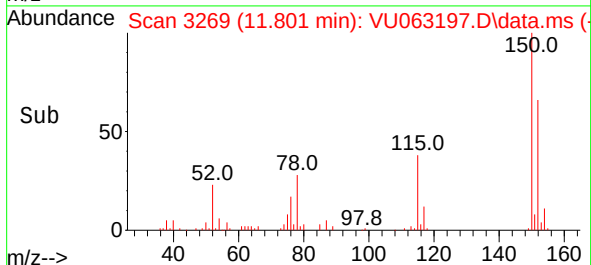
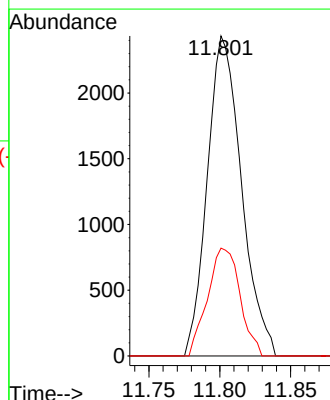
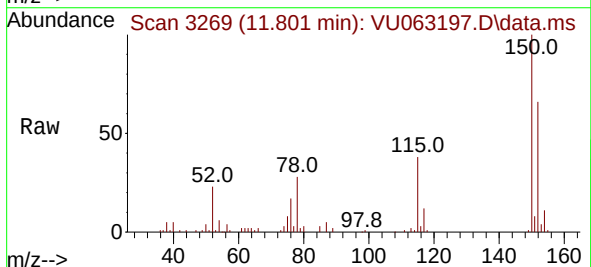
Tgt Ion: 75 Resp: 4077

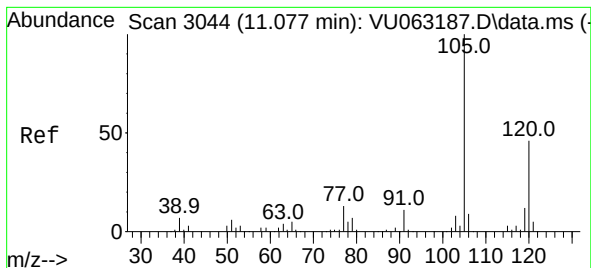
Ion Ratio Lower Upper

75 100

110 0.0 27.4 41.0#

77 32.0 26.3 39.5





#62

1,3,5-Trimethylbenzene

Concen: 0.092 ug/L

RT: 11.466 min Scan# 3165

Delta R.T. 0.389 min

Lab File: VU063197.D

Acq: 06 Feb 2025 15:47

Instrument :

MSVOA_U

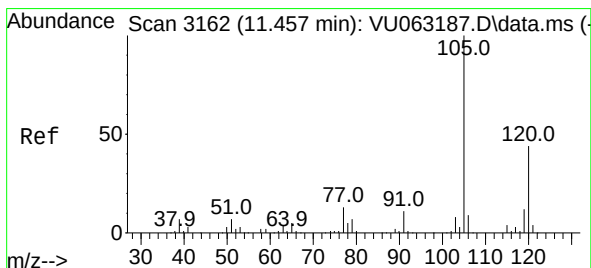
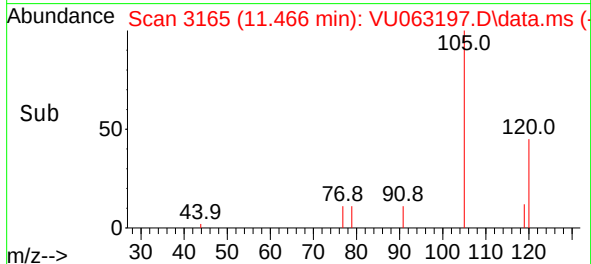
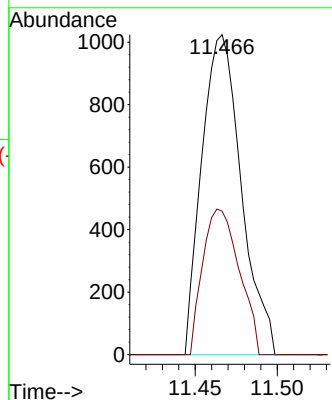
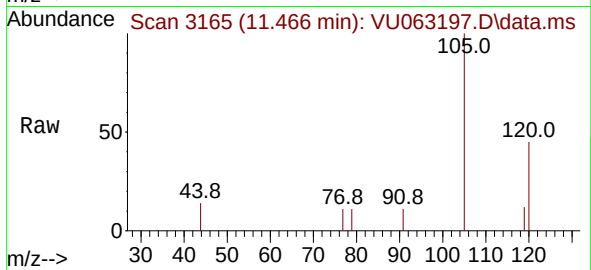
ClientSampleId :

Tgt Ion:105 Resp: 1714

Ion Ratio Lower Upper

105 100

120 42.0 37.8 56.8



#63

1,2,4-Trimethylbenzene

Concen: 0.096 ug/L

RT: 11.466 min Scan# 3165

Delta R.T. 0.010 min

Lab File: VU063197.D

Acq: 06 Feb 2025 15:47

Tgt Ion:105 Resp: 1714

Ion Ratio Lower Upper

105 100

120 42.0 34.7 52.1

