

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020625\
 Data File : VU063196.D
 Acq On : 06 Feb 2025 15:22
 Operator : MD/SY
 Sample : Q1226-22DL 20X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 07 07:30:54 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)

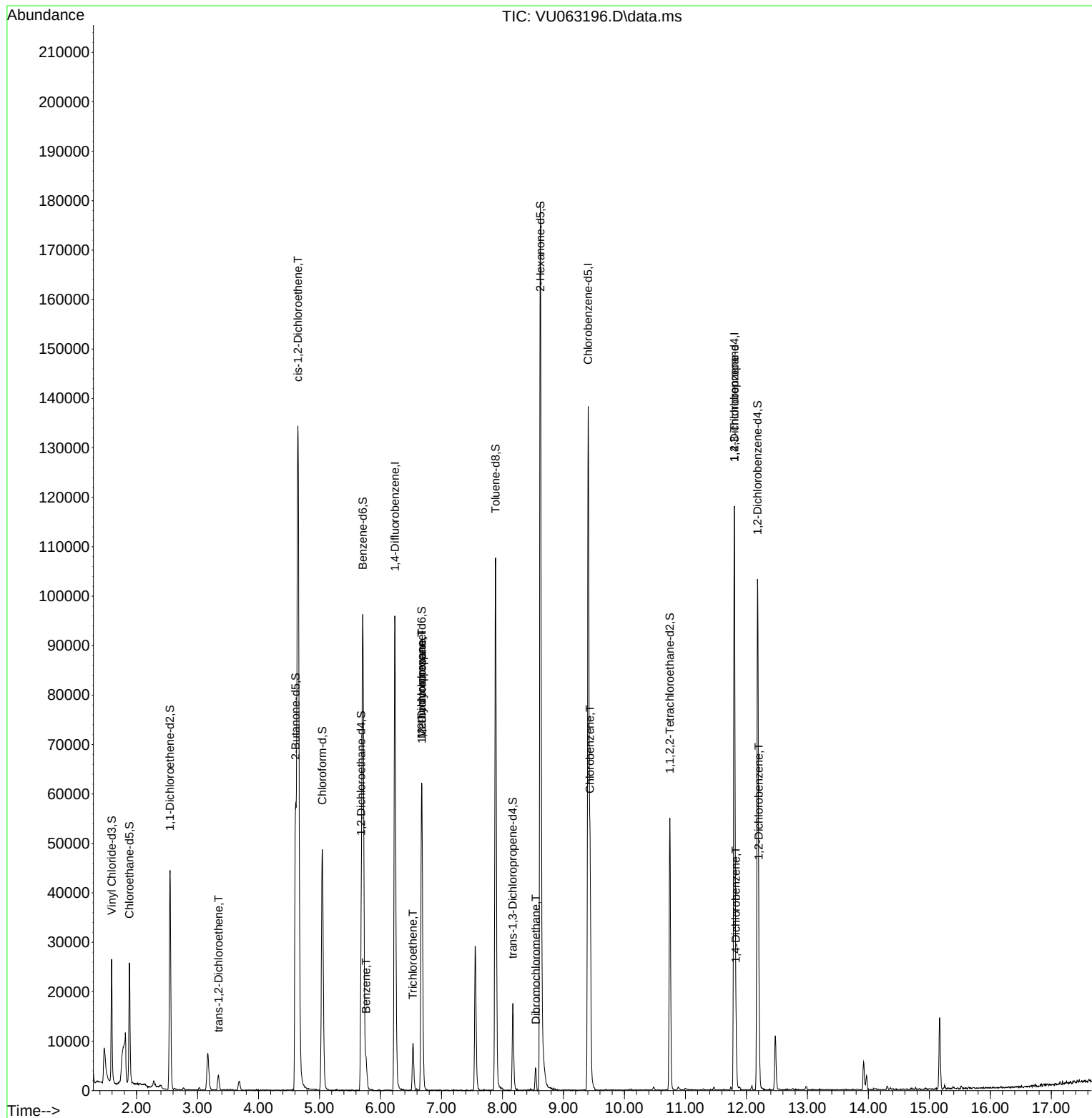
Internal Standards						
1) 1,4-Difluorobenzene	6.235	114	79243	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.405	117	74671	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	32694	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	17999	3.971	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.400%
7) Chloroethane-d5	1.885	69	18830	4.476	ug/L	-0.02
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.600%
11) 1,1-Dichloroethene-d2	2.547	65	8777	4.338	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.800%
20) 2-Butanone-d5	4.608	46	81618	54.697	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.400%
24) Chloroform-d	5.046	84	46531	4.643	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.800%
26) 1,2-Dichloroethane-d4	5.685	65	25604	4.968	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.400%
32) Benzene-d6	5.711	84	90134	4.628	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.600%
36) 1,2-Dichloropropane-d6	6.676	67	31014	4.830	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.600%
41) Toluene-d8	7.888	98	73087	4.248	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.000%
43) trans-1,3-Dichloroprop...	8.171	79	10697	4.446	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.000%
46) 2-Hexanone-d5	8.621	63	63200	52.190	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.380%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	29118	5.138	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.800%
66) 1,2-Dichlorobenzene-d4	12.184	152	28304	5.184	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.600%
Target Compounds						Qvalue
18) trans-1,2-Dichloroethene	3.348	96	1355	0.246	ug/L	88
22) cis-1,2-Dichloroethene	4.647	96	69007	11.231	ug/L	97
33) Benzene	5.766	78	6063	0.247	ug/L	100
34) Trichloroethene	6.531	95	3562	0.571	ug/L	93
35) Methylcyclohexane	6.676	83	6859	0.733	ug/L #	20
37) 1,2-Dichloropropane	6.679	63	3288	0.502	ug/L #	90
49) Dibromochloromethane	8.547	129	1071	0.210	ug/L #	11
51) Chlorobenzene	9.438	112	24497	1.580	ug/L	98
61) 1,2,3-Trichloropropane	11.804	75	5293	1.342	ug/L #	62
65) 1,4-Dichlorobenzene	11.830	146	3371	0.319	ug/L	98
67) 1,2-Dichlorobenzene	12.203	146	4811	0.489	ug/L	95

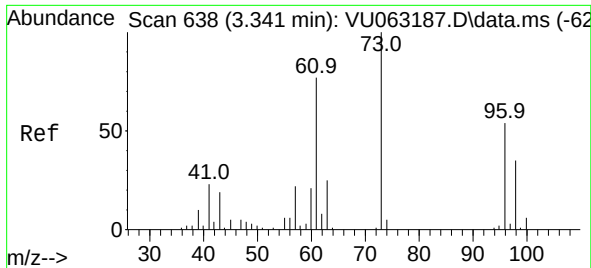
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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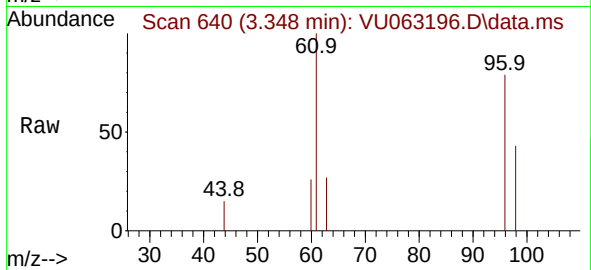
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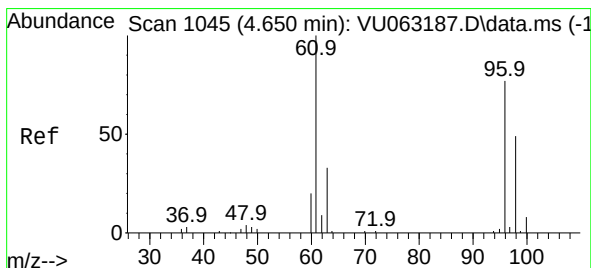
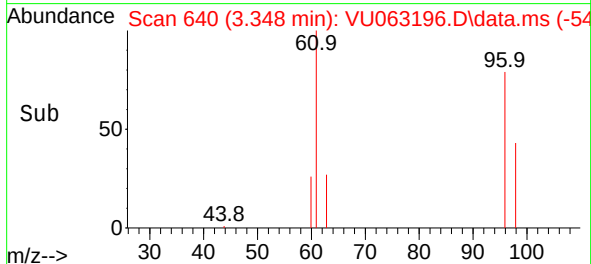
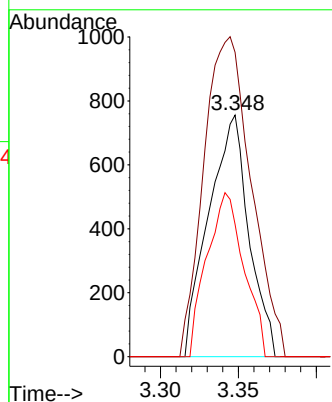


#18
 trans-1,2-Dichloroethene
 Concen: 0.246 ug/L
 RT: 3.348 min Scan# 640
 Delta R.T. 0.006 min
 Lab File: VU063196.D
 Acq: 06 Feb 2025 15:22

Instrument :
 MSVOA_U
 ClientSampleId :

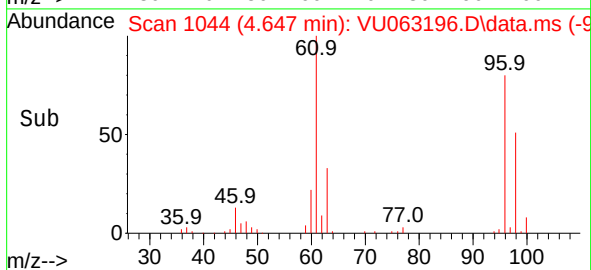
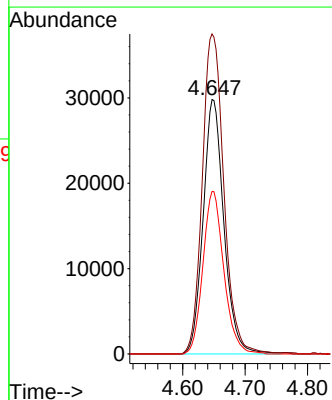
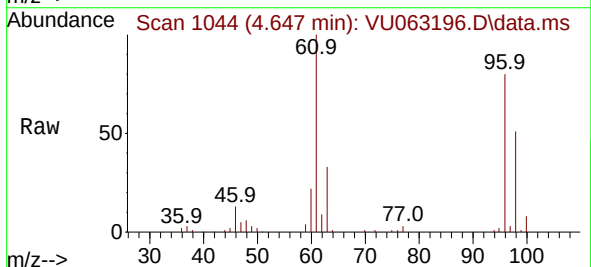


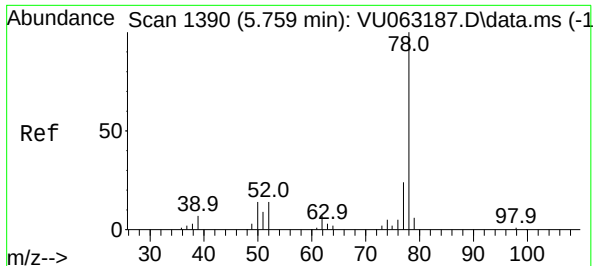
Tgt Ion: 96	Resp: 1355
Ion Ratio	Lower Upper
96 100	
61 125.9	99.2 184.2
98 54.8	43.2 80.2



#22
 cis-1,2-Dichloroethene
 Concen: 11.231 ug/L
 RT: 4.647 min Scan# 1044
 Delta R.T. -0.003 min
 Lab File: VU063196.D
 Acq: 06 Feb 2025 15:22

Tgt Ion: 96	Resp: 69007		
Ion Ratio	Lower	Upper	
96	100		
61	125.8	91.8	170.6
98	63.9	44.4	82.4





#33

Benzene

Concen: 0.247 ug/L

RT: 5.766 min Scan# 1390

Delta R.T. 0.006 min

Lab File: VU063196.D

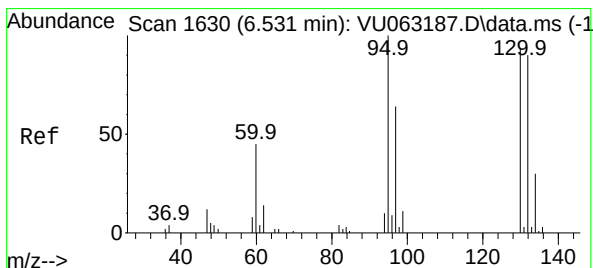
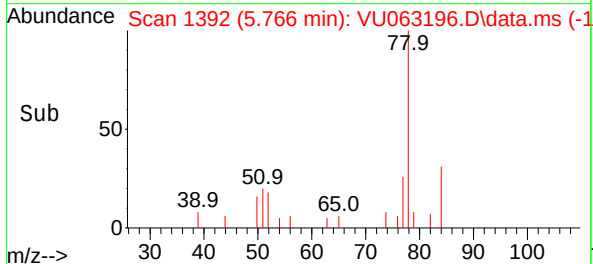
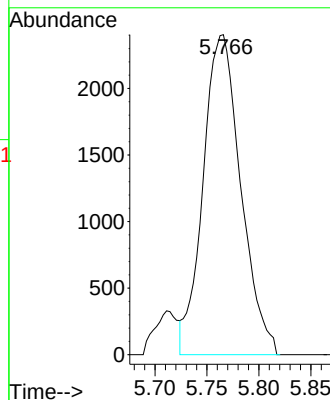
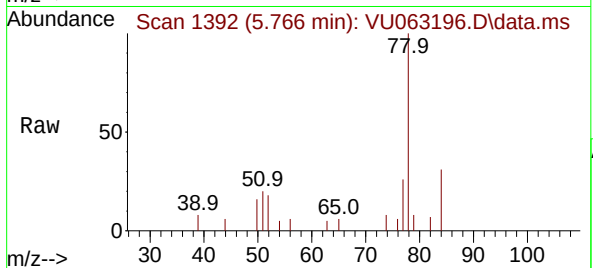
Acq: 06 Feb 2025 15:22

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 78 Resp: 6063



#34

Trichloroethene

Concen: 0.571 ug/L

RT: 6.531 min Scan# 1630

Delta R.T. 0.000 min

Lab File: VU063196.D

Acq: 06 Feb 2025 15:22

Tgt Ion: 95 Resp: 3562

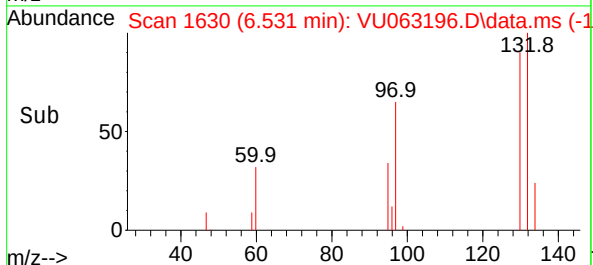
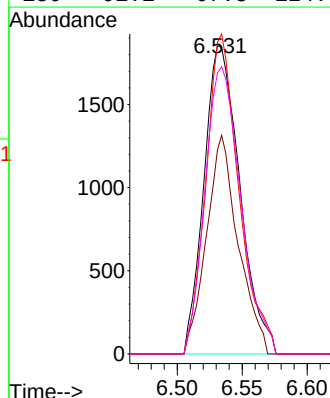
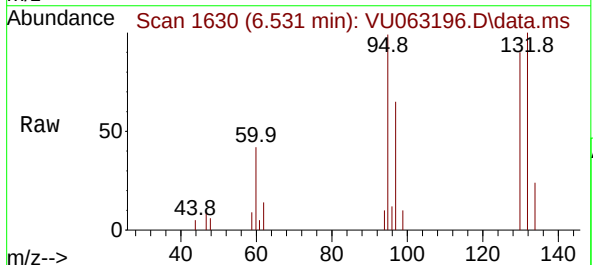
Ion Ratio Lower Upper

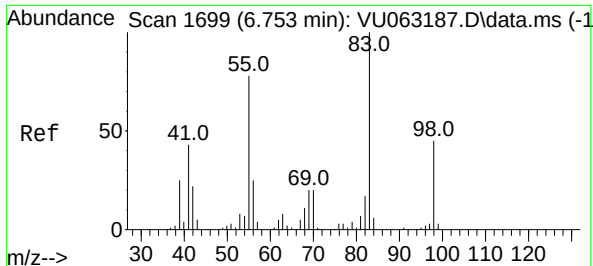
95 100

97 66.2 46.7 86.7

132 101.1 62.4 115.8

130 91.1 67.3 124.9





#35

Methylcyclohexane

Concen: 0.733 ug/L

RT: 6.676 min Scan# 1

Delta R.T. -0.077 min

Lab File: VU063196.D

Acq: 06 Feb 2025 15:22

Instrument :

MSVOA_U

ClientSampleId :

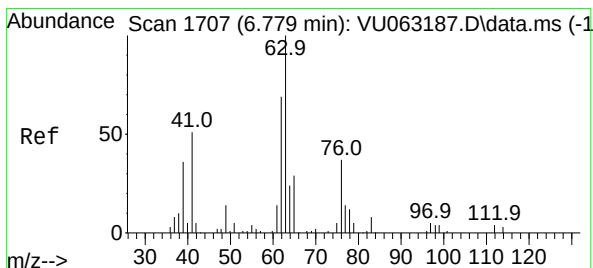
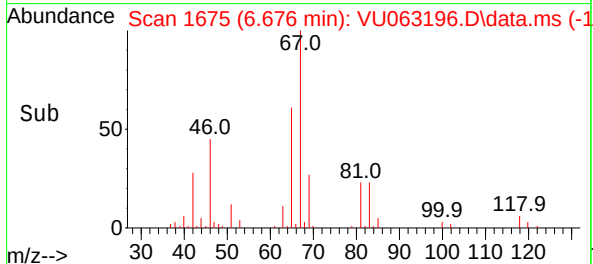
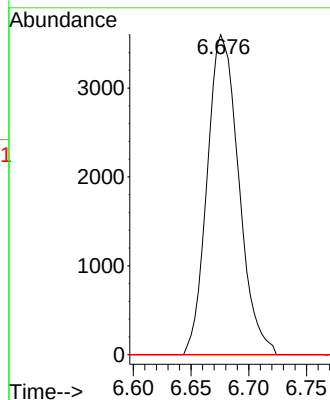
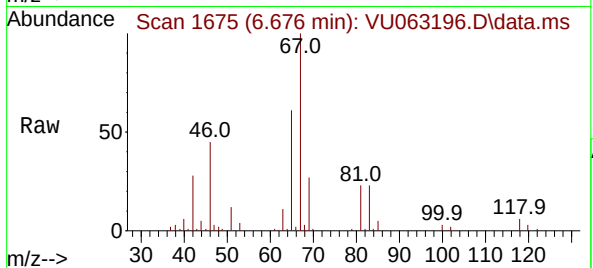
Tgt Ion: 83 Resp: 6859

Ion Ratio Lower Upper

83 100

55 0.0 62.8 94.2#

98 3.9 36.0 54.0#



#37

1,2-Dichloropropane

Concen: 0.502 ug/L

RT: 6.679 min Scan# 1676

Delta R.T. -0.100 min

Lab File: VU063196.D

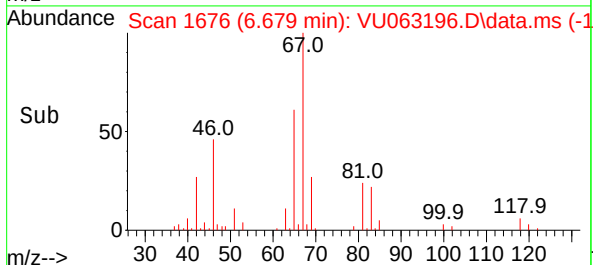
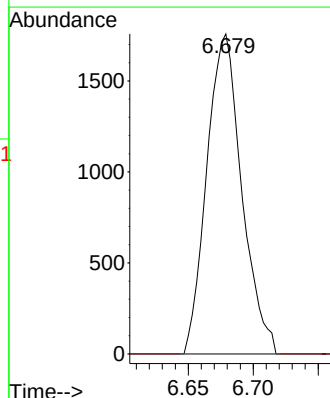
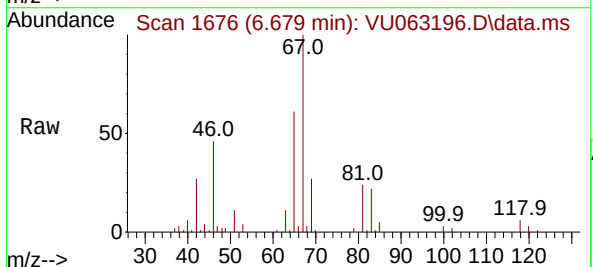
Acq: 06 Feb 2025 15:22

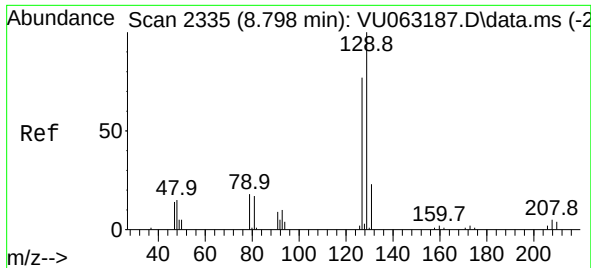
Tgt Ion: 63 Resp: 3288

Ion Ratio Lower Upper

63 100

112 0.0 2.6 4.0#





#49

Dibromochloromethane

Concen: 0.210 ug/L

RT: 8.547 min Scan# 21

Delta R.T. -0.251 min

Lab File: VU063196.D

Acq: 06 Feb 2025 15:22

Instrument :

MSVOA_U

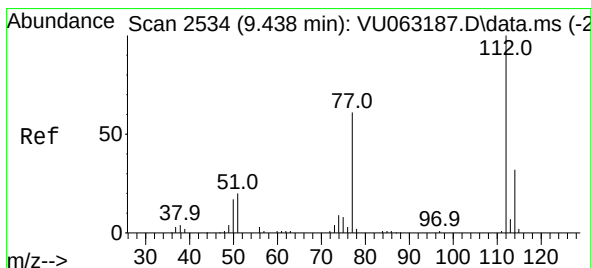
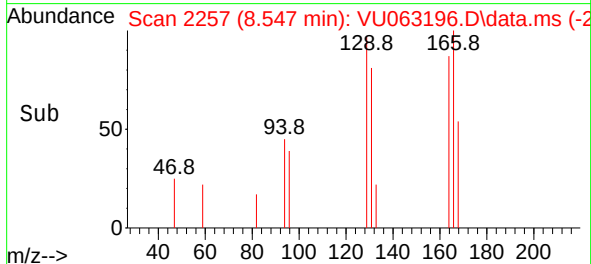
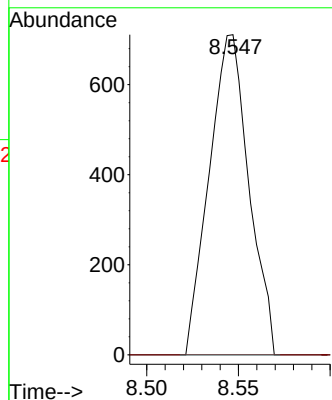
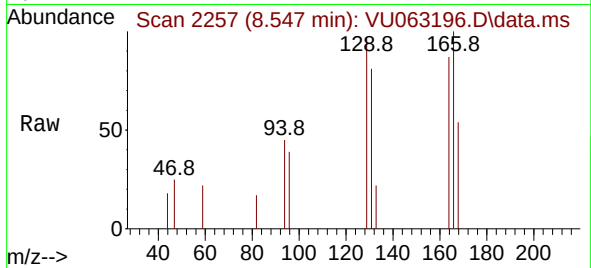
ClientSampleId :

Tgt Ion:129 Resp: 1071

Ion Ratio Lower Upper

129 100

127 0.0 53.8 99.8#



#51

Chlorobenzene

Concen: 1.580 ug/L

RT: 9.438 min Scan# 2534

Delta R.T. 0.000 min

Lab File: VU063196.D

Acq: 06 Feb 2025 15:22

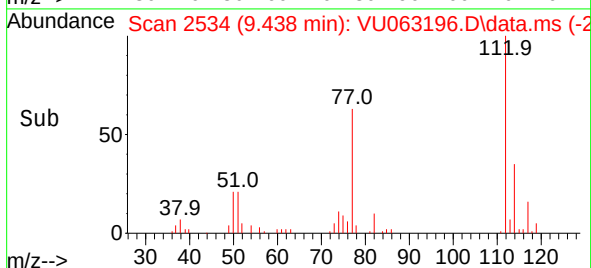
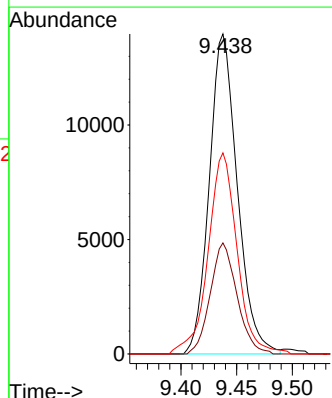
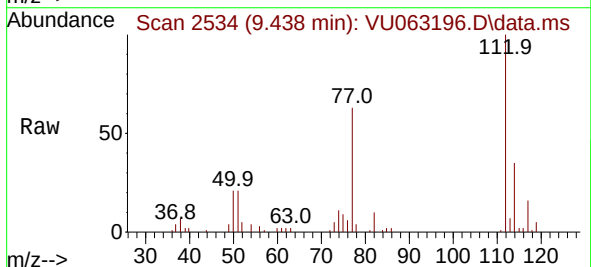
Tgt Ion:112 Resp: 24497

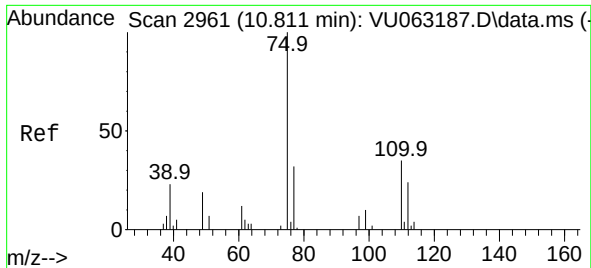
Ion Ratio Lower Upper

112 100

114 34.7 22.6 42.0

77 62.9 50.8 76.2





#61

1,2,3-Trichloropropane

Concen: 1.342 ug/L

RT: 11.804 min Scan# 31

Delta R.T. 0.994 min

Lab File: VU063196.D

Acq: 06 Feb 2025 15:22

Instrument :

MSVOA_U

ClientSampleId :

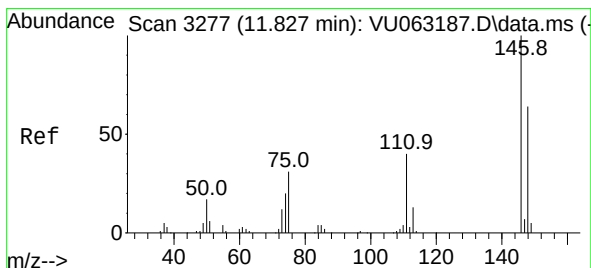
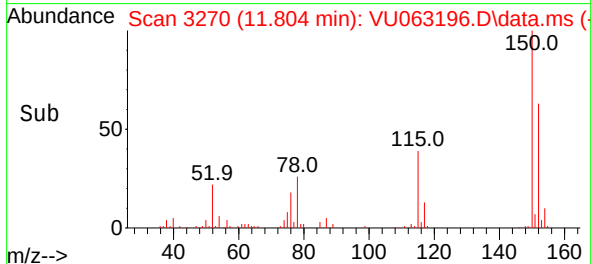
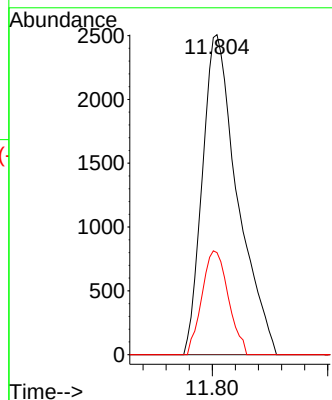
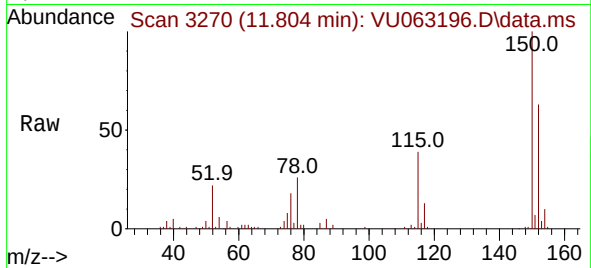
Tgt Ion: 75 Resp: 5293

Ion Ratio Lower Upper

75 100

110 0.0 27.4 41.0#

77 24.4 26.3 39.5#



#65

1,4-Dichlorobenzene

Concen: 0.319 ug/L

RT: 11.830 min Scan# 3278

Delta R.T. 0.003 min

Lab File: VU063196.D

Acq: 06 Feb 2025 15:22

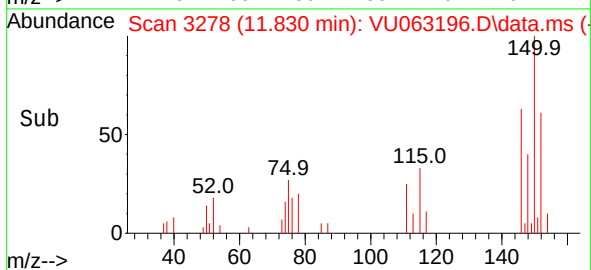
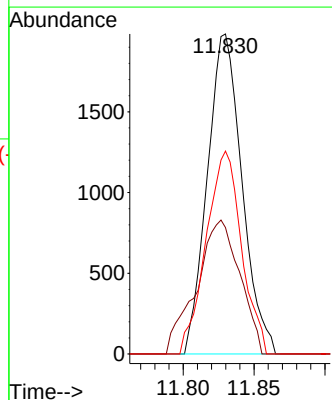
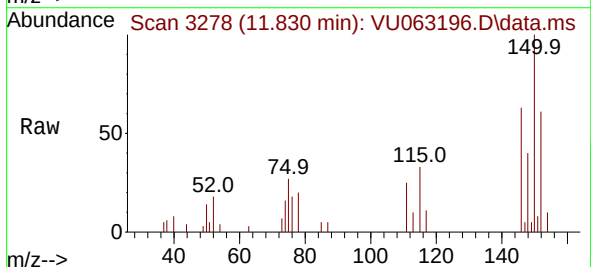
Tgt Ion:146 Resp: 3371

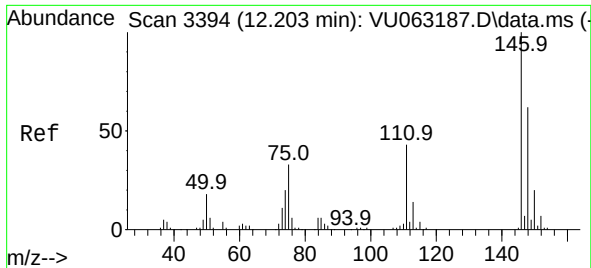
Ion Ratio Lower Upper

146 100

111 39.5 28.5 52.9

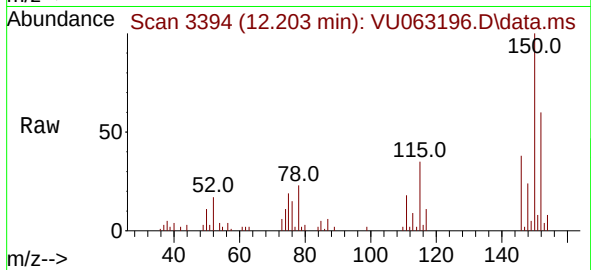
148 63.4 45.4 84.2





#67
 1,2-Dichlorobenzene
 Concen: 0.489 ug/L
 RT: 12.203 min Scan# 34
 Delta R.T. 0.000 min
 Lab File: VU063196.D
 Acq: 06 Feb 2025 15:22

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:	146	Resp:	4811
Ion	Ratio	Lower	Upper
146	100		
111	47.6	34.1	51.1
148	63.4	52.5	78.7

