

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 :
 DCZL9DL

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)

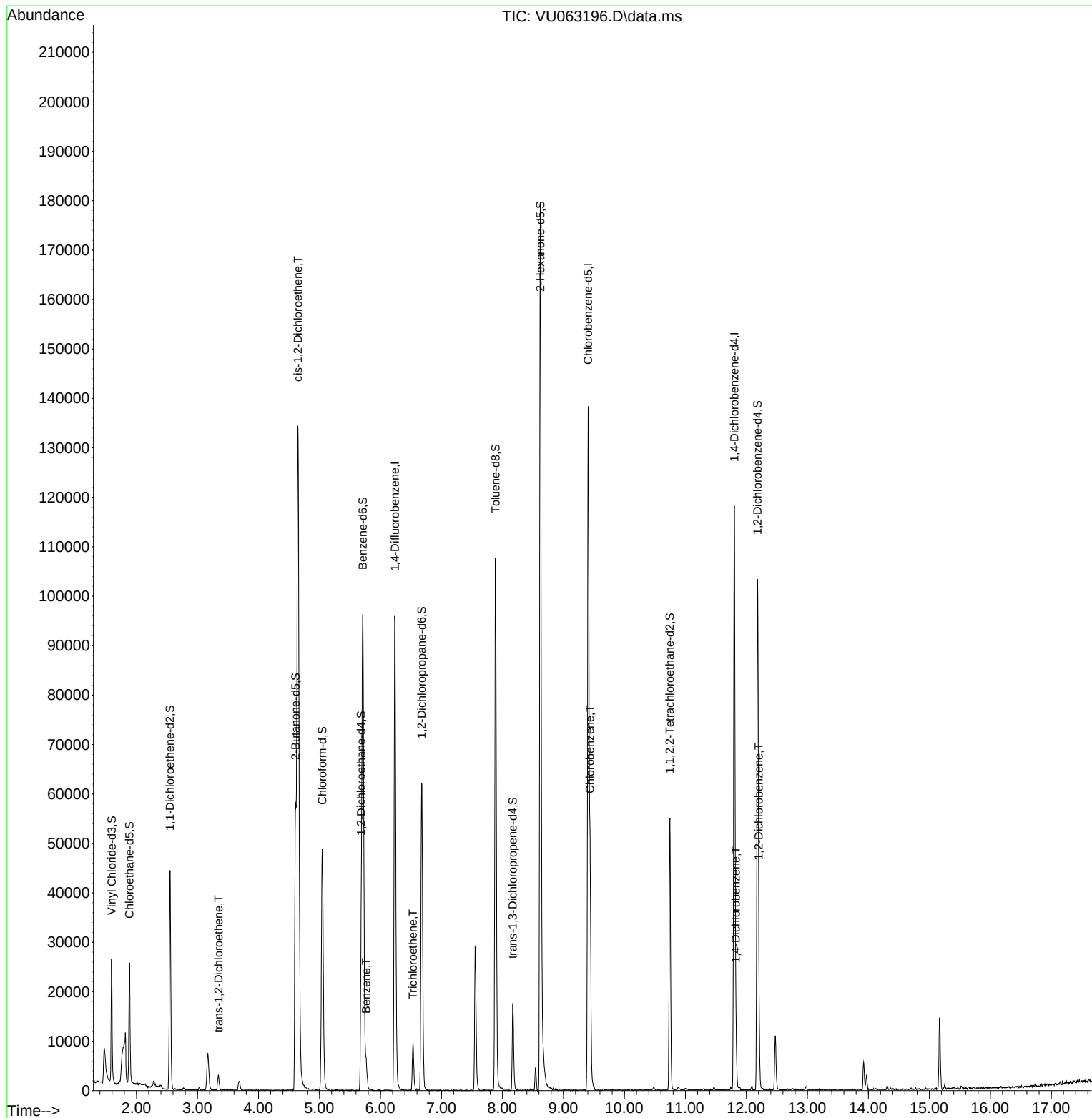
Internal Standards						
1) 1,4-Difluorobenzene	6.235	114	79243	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.405	117	74671	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	32694	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	17999	3.971	ug/L	0.00
Spiked Amount	5.000	Range	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
51) Chlorobenzene	9.438	112	24497	1.580	ug/L	98
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

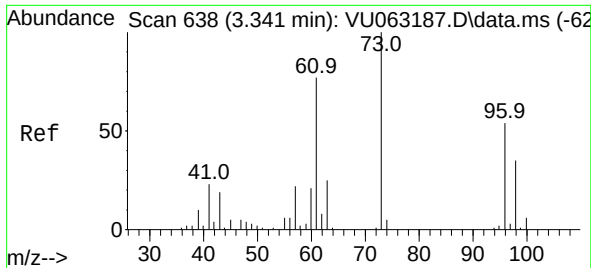
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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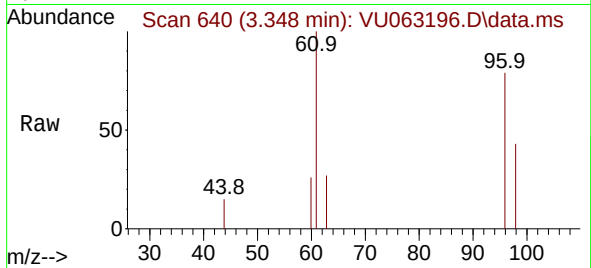
Quant Time: Feb 07 07:30:54 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR020425WMA.M
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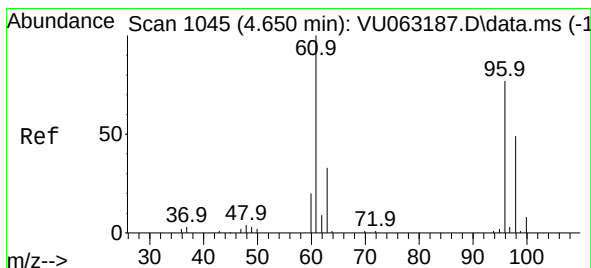
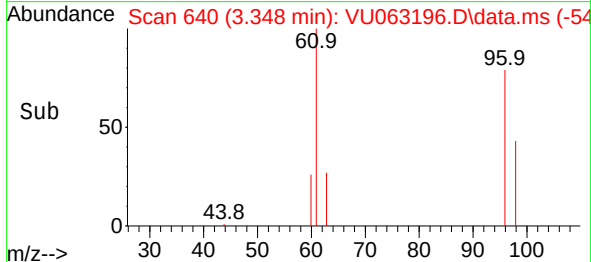
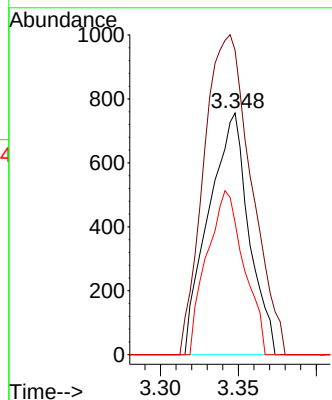


#18
 trans-1,2-Dichloroethene
 Concen: 0.246 ug/L
 RT: 3.348 min Scan# 64
 Delta R.T. 0.006 min
 Lab File: VU063196.D
 Acq: 06 Feb 2025 15:22

Instrument :
 MSVOA_U
 ClientSampleId :
 DCZL9DL

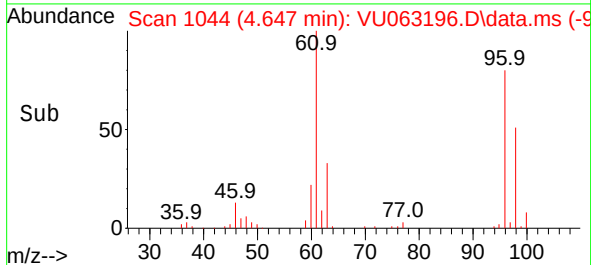
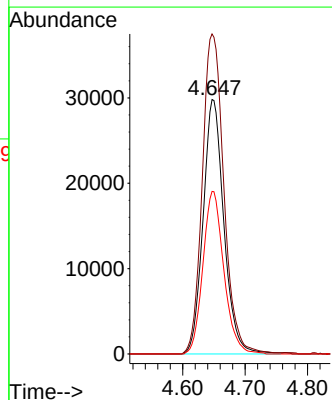
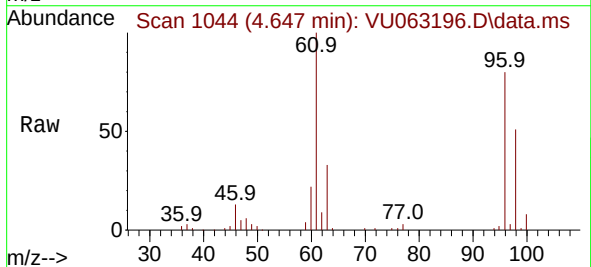


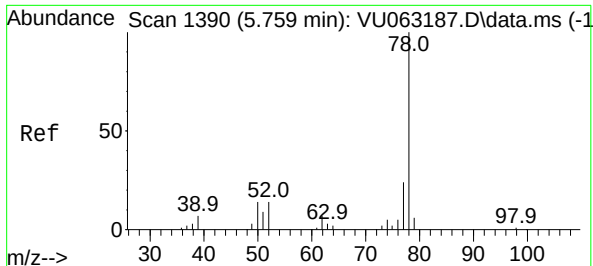
Tgt Ion: 96	Resp: 1355
Ion Ratio	Lower Upper
96 100	
61 125.9	99.2 184.2
98 54.8	43.2 80.2



#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

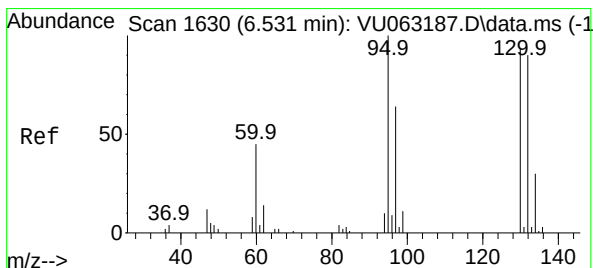
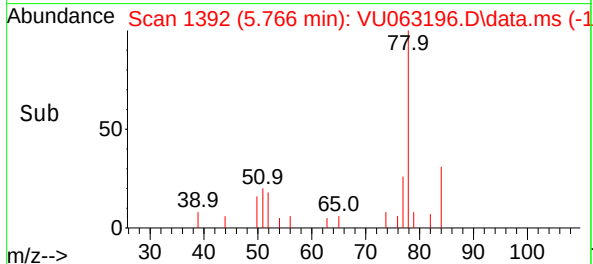
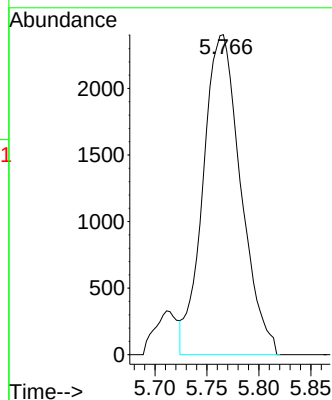
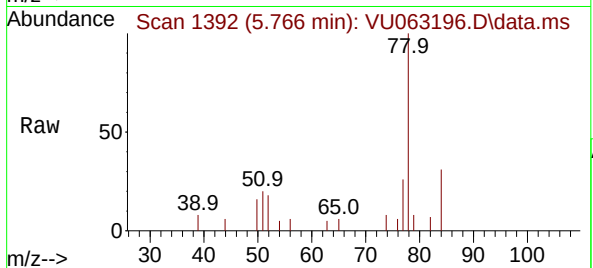
Instrument :

MSVOA_U

ClientSampleId :

DCZL9DL

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

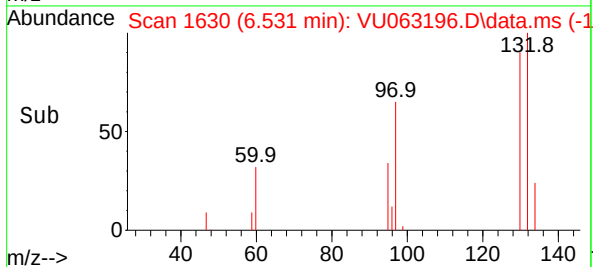
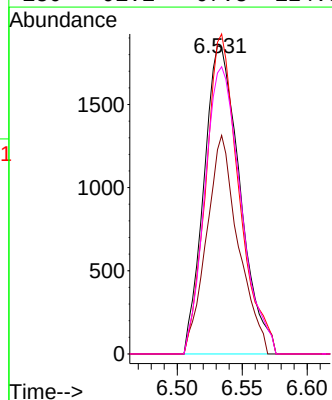
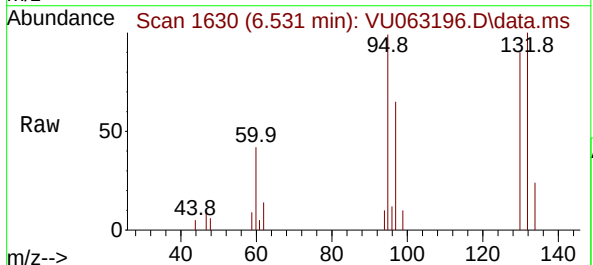
Ion Ratio Lower Upper

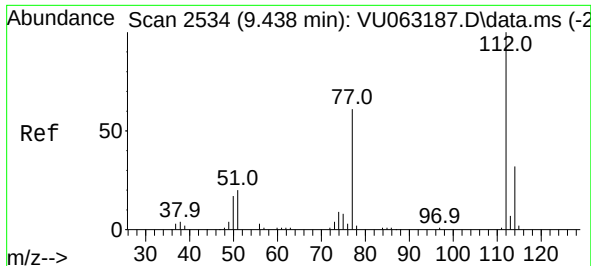
95 100

97 66.2 46.7 86.7

132 101.1 62.4 115.8

130 91.1 67.3 124.9





#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

Instrument :

MSVOA_U

ClientSampleId :

DCZL9DL

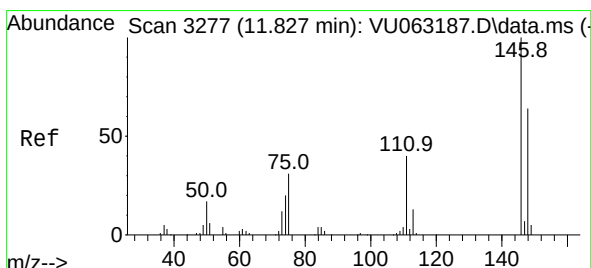
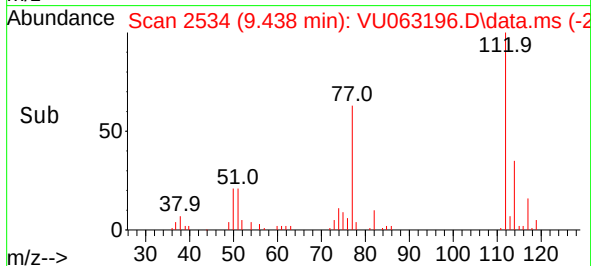
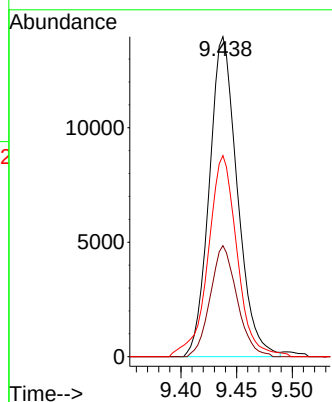
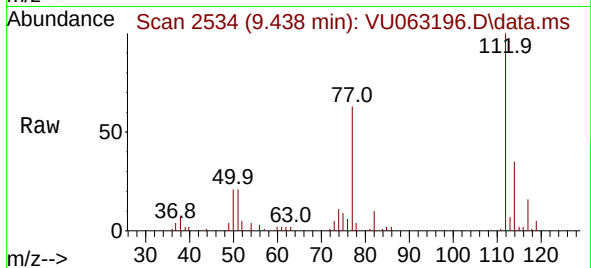
Tgt Ion:112 Resp: 24497

Ion Ratio Lower Upper

112 100

114 34.7 22.6 42.0

77 62.9 50.8 76.2



#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

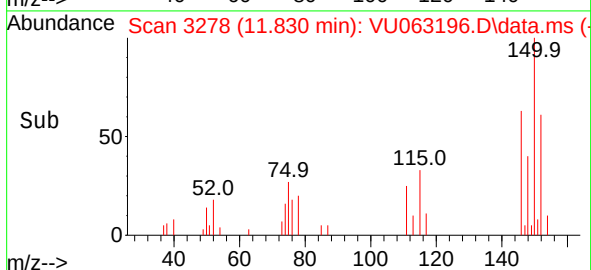
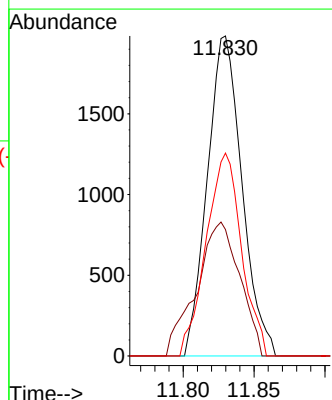
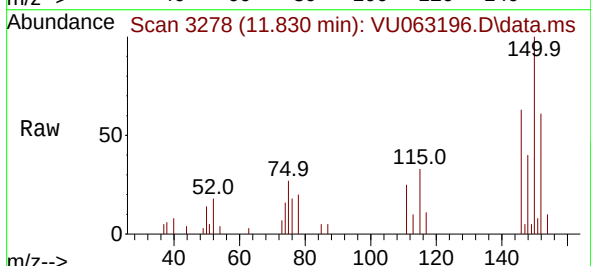
Tgt Ion:146 Resp: 3371

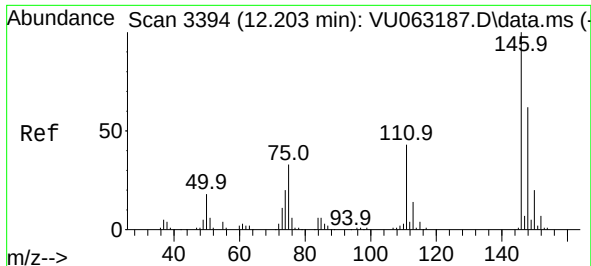
Ion Ratio Lower Upper

146 100

111 39.5 28.5 52.9

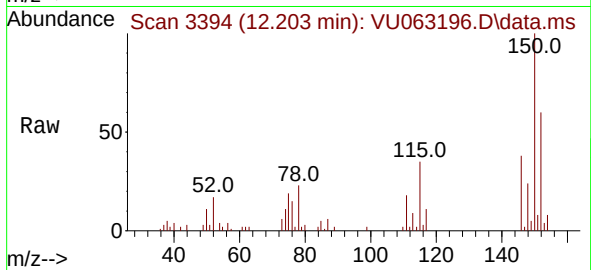
148 63.4 45.4 84.2





#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 :
DCZL9DL



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

