

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020525\
 Data File : VU063160.D
 Acq On : 05 Feb 2025 15:26
 Operator : MD/SY
 Sample : Q1226-08
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DCZP0

Quant Time: Feb 06 07:29:49 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR020425WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Feb 06 07:25:52 2025
 Response via : Initial Calibration

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

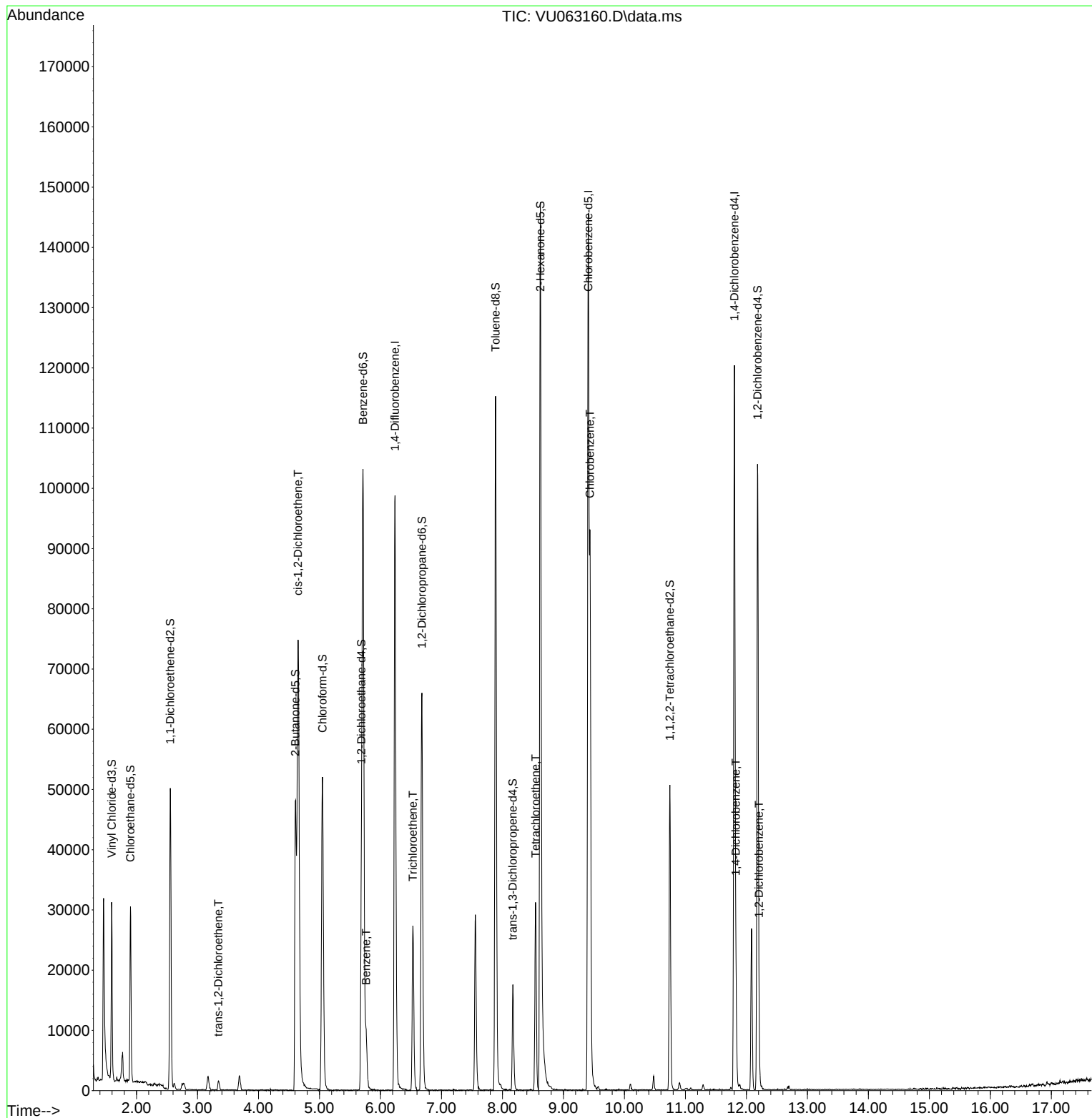
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	82705	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	78764	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	32423	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	20372	4.306	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.200%
7) Chloroethane-d5	1.901	69	21056	4.796	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.000%
11) 1,1-Dichloroethene-d2	2.554	65	9805	4.643	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.800%
20) 2-Butanone-d5	4.605	46	70977	45.575	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.160%
24) Chloroform-d	5.049	84	50726	4.850	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.000%
26) 1,2-Dichloroethane-d4	5.689	65	26396	4.907	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.200%
32) Benzene-d6	5.714	84	97708	4.756	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.200%
36) 1,2-Dichloropropane-d6	6.679	67	32628	4.817	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.400%
41) Toluene-d8	7.888	98	80111	4.414	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.200%
43) trans-1,3-Dichloroprop...	8.171	79	10753	4.237	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.800%
46) 2-Hexanone-d5	8.621	63	50979	39.910	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	79.820%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	27022	4.520	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.400%
66) 1,2-Dichlorobenzene-d4	12.183	152	28024	5.176	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.600%
Target Compounds						
					Qvalue	
18) trans-1,2-Dichloroethene	3.341	96	742	0.129	ug/L	99
22) cis-1,2-Dichloroethene	4.650	96	38211	5.959	ug/L	98
33) Benzene	5.766	78	9216	0.356	ug/L	100
34) Trichloroethene	6.531	95	9937	1.509	ug/L	99
47) Tetrachloroethene	8.544	164	7160	1.549	ug/L	92
51) Chlorobenzene	9.438	112	47170	2.884	ug/L	100
65) 1,4-Dichlorobenzene	11.827	146	5174	0.493	ug/L	96
67) 1,2-Dichlorobenzene	12.206	146	1715	0.176	ug/L	89

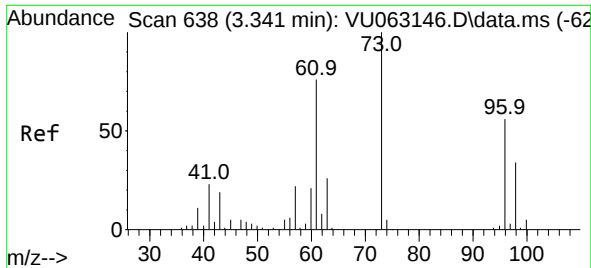
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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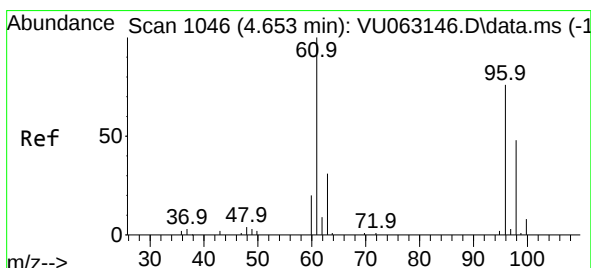
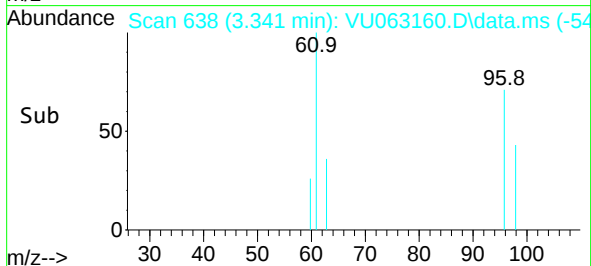
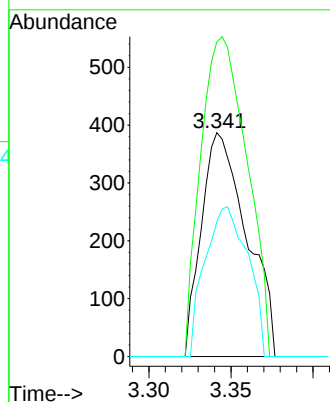
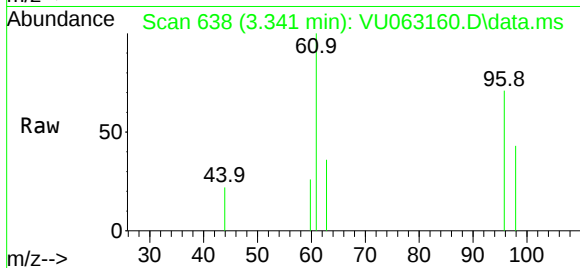




#18
trans-1,2-Dichloroethene
Concen: 0.129 ug/L
RT: 3.341 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU063160.D
Acq: 05 Feb 2025 15:26

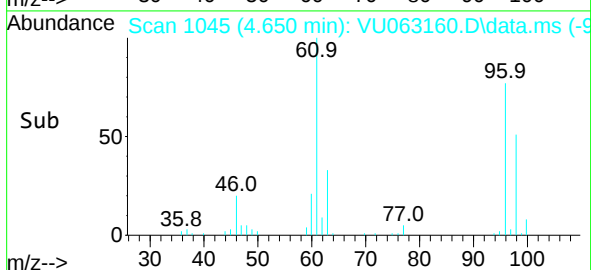
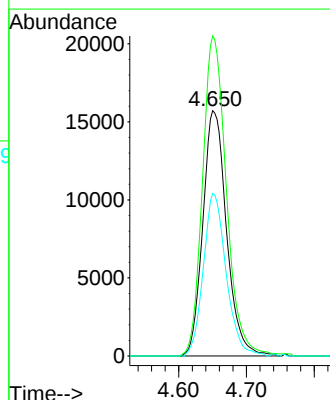
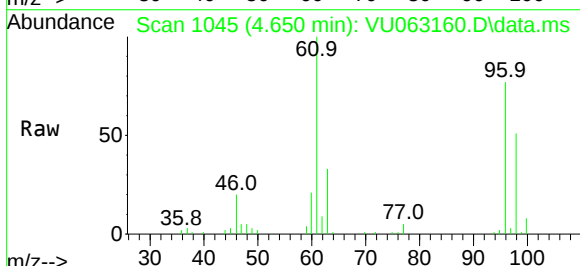
Instrument :
MSVOA_U
ClientSampleId :
DCZP0

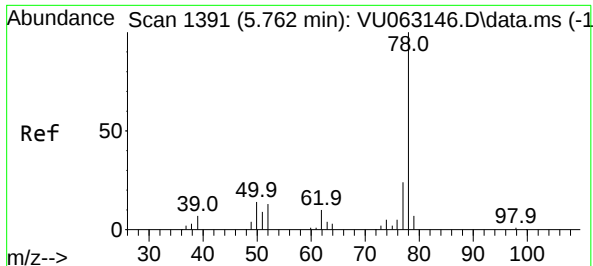
Tgt Ion: 96 Resp: 742
Ion Ratio Lower Upper
96 100
61 140.6 99.2 184.2
98 60.2 43.2 80.2



#22
cis-1,2-Dichloroethene
Concen: 5.959 ug/L
RT: 4.650 min Scan# 1045
Delta R.T. -0.003 min
Lab File: VU063160.D
Acq: 05 Feb 2025 15:26

Tgt Ion: 96 Resp: 38211
Ion Ratio Lower Upper
96 100
61 130.5 91.8 170.6
98 66.3 44.4 82.4





#33

Benzene

Concen: 0.356 ug/L

RT: 5.766 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU063160.D

Acq: 05 Feb 2025 15:26

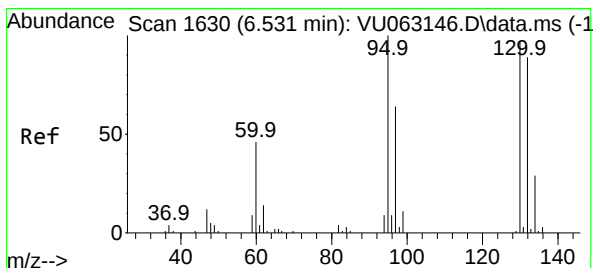
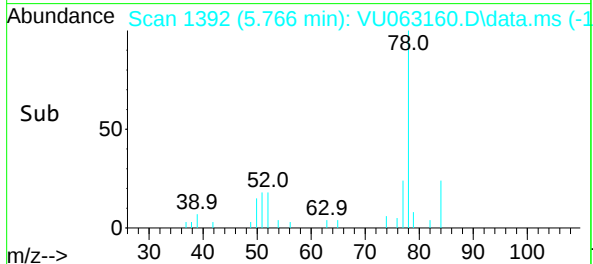
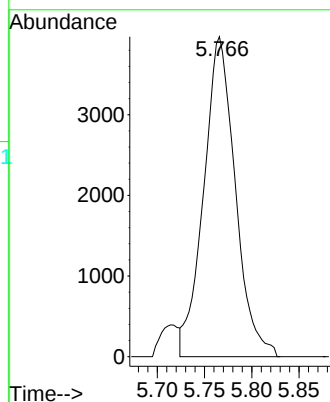
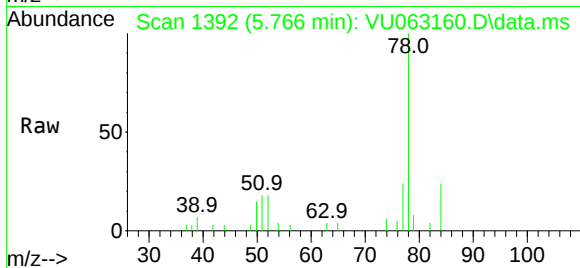
Instrument :

MSVOA_U

ClientSampleId :

DCZP0

Tgt Ion: 78 Resp: 9216



#34

Trichloroethene

Concen: 1.509 ug/L

RT: 6.531 min Scan# 1630

Delta R.T. 0.000 min

Lab File: VU063160.D

Acq: 05 Feb 2025 15:26

Tgt Ion: 95 Resp: 9937

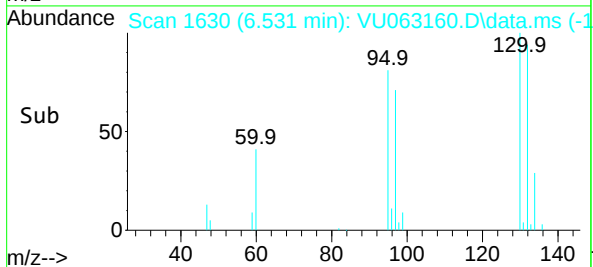
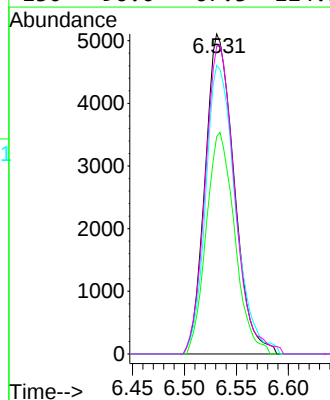
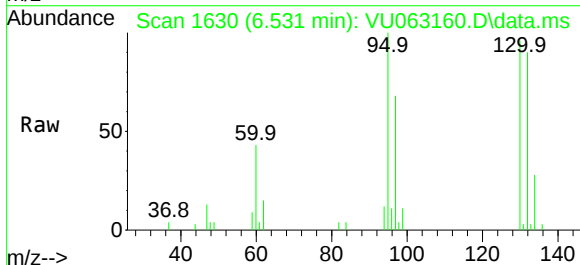
Ion Ratio Lower Upper

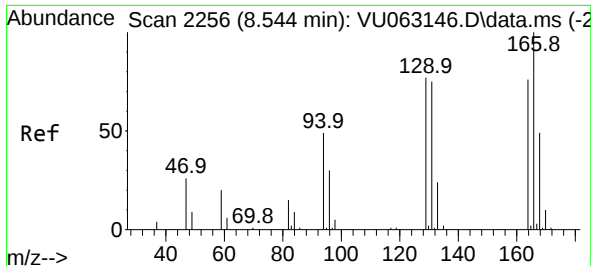
95 100

97 67.9 46.7 86.7

132 90.2 62.4 115.8

130 96.0 67.3 124.9





#47

Tetrachloroethene

Concen: 1.549 ug/L

RT: 8.544 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU063160.D

Acq: 05 Feb 2025 15:26

Instrument :

MSVOA_U

ClientSampleId :

DCZP0

Tgt Ion:164 Resp: 7160

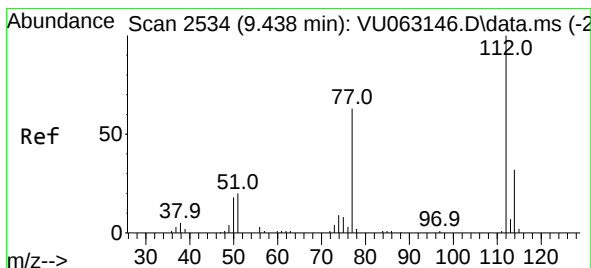
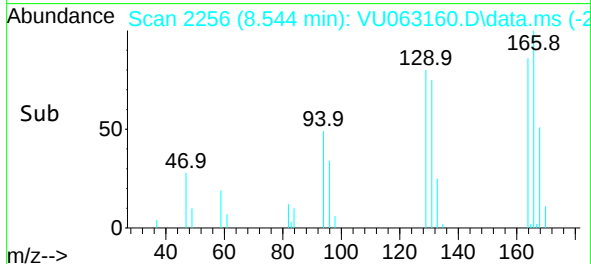
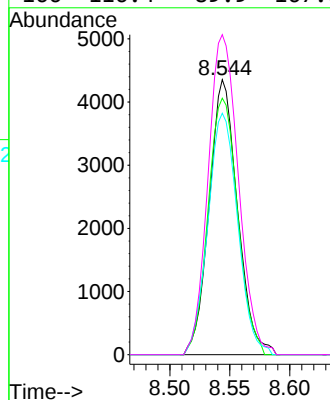
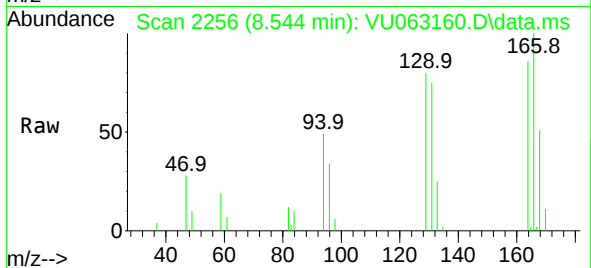
Ion Ratio Lower Upper

164 100

129 93.3 68.6 127.4

131 87.8 66.5 123.5

166 116.4 89.9 167.0



#51

Chlorobenzene

Concen: 2.884 ug/L

RT: 9.438 min Scan# 2534

Delta R.T. 0.000 min

Lab File: VU063160.D

Acq: 05 Feb 2025 15:26

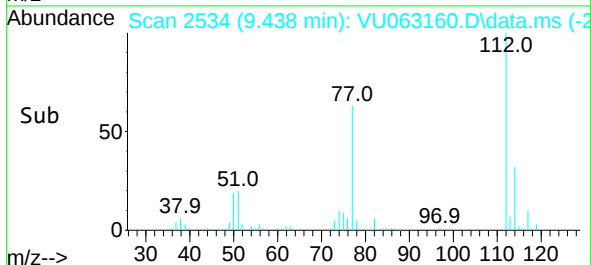
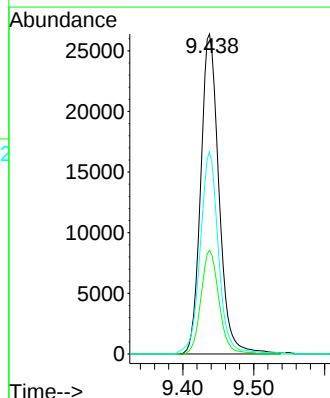
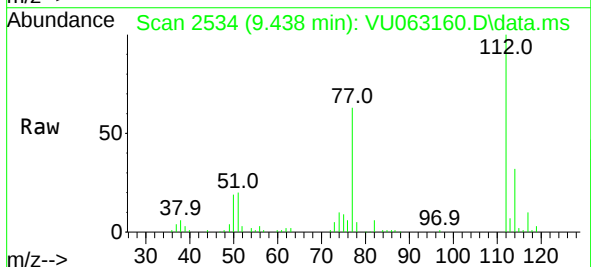
Tgt Ion:112 Resp: 47170

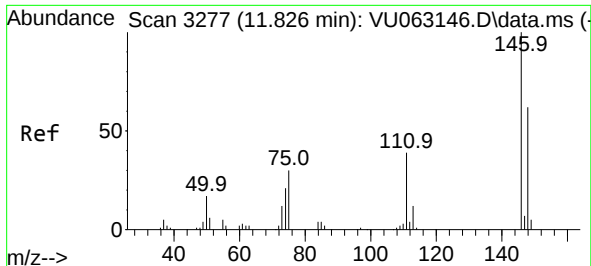
Ion Ratio Lower Upper

112 100

114 32.4 22.6 42.0

77 63.2 50.8 76.2

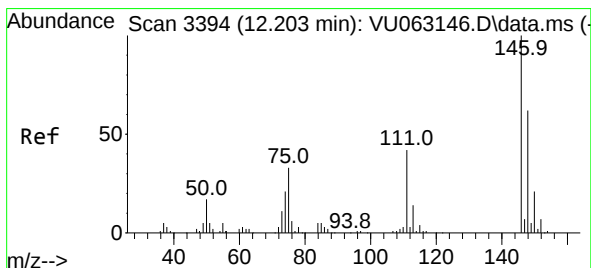
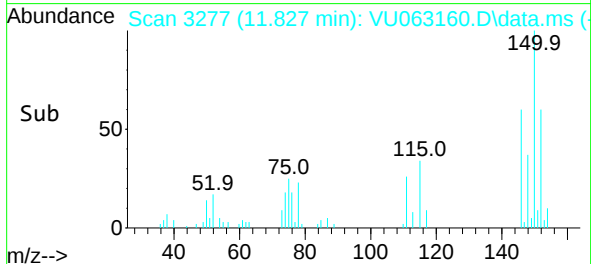
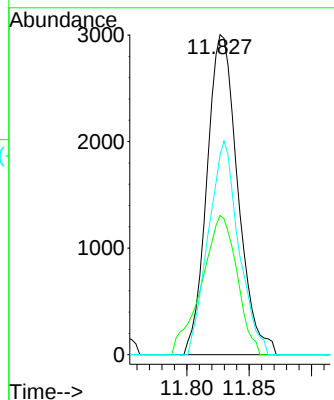
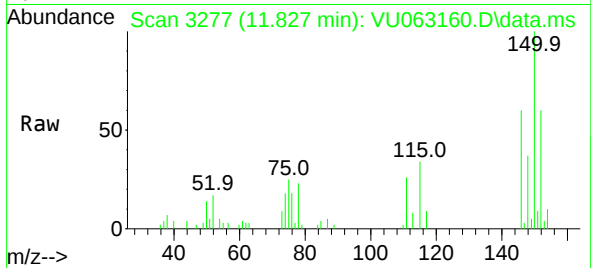




#65
 1,4-Dichlorobenzene
 Concen: 0.493 ug/L
 RT: 11.827 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU063160.D
 Acq: 05 Feb 2025 15:26

Instrument :
 MSVOA_U
 ClientSampleId :
 DCZP0

Tgt Ion:146 Resp: 5174
 Ion Ratio Lower Upper
 146 100
 111 43.5 28.5 52.9
 148 62.4 45.4 84.2



#67
 1,2-Dichlorobenzene
 Concen: 0.176 ug/L
 RT: 12.206 min Scan# 3395
 Delta R.T. 0.003 min
 Lab File: VU063160.D
 Acq: 05 Feb 2025 15:26

Tgt Ion:146 Resp: 1715
 Ion Ratio Lower Upper
 146 100
 111 49.0 34.1 51.1
 148 56.1 52.5 78.7

