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 Data File : VU059931.D
 Acq On : 12 Jul 2024 18:57
 Operator : MD/SY
 Sample : P3217-17
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 YDZL4

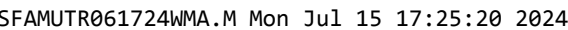
Quant Time: Jul 13 04:00:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jul 13 03:52:33 2024
 Response via : Initial Calibration

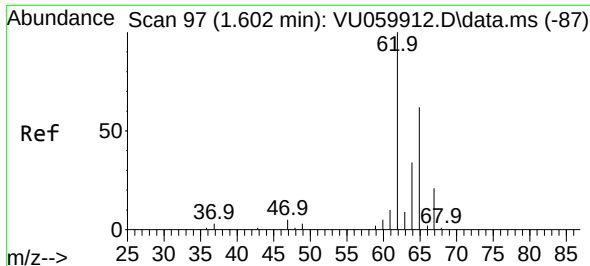
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	196042	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	198158	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	97477	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	58682	4.305	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.000%
7) Chloroethane-d5	1.907	69	50530	3.852	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.000%
11) 1,1-Dichloroethene-d2	2.557	65	24269	4.291	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.800%
20) 2-Butanone-d5	4.634	46	149658	53.298	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.600%
24) Chloroform-d	5.052	84	108139	3.865	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.200%
26) 1,2-Dichloroethane-d4	5.698	65	56905	4.222	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.400%
32) Benzene-d6	5.721	84	226814	4.159	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.200%
36) 1,2-Dichloropropane-d6	6.682	67	71621	4.286	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.800%
41) Toluene-d8	7.891	98	206270	4.069	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.400%
43) trans-1,3-Dichloroprop...	8.174	79	25472	4.868	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.400%
46) 2-Hexanone-d5	8.631	63	127234	58.518	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	117.040%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	60965	4.415	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	82797	4.772	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.400%
Target Compounds						Qvalue
5) Vinyl chloride	1.599	62	46948	2.377	ug/L	100
17) Methyl tert-butyl Ether	3.361	73	10256	0.342	ug/L	98
18) trans-1,2-Dichloroethene	3.345	96	197560	13.662	ug/L	90
19) 1,1-Dichloroethane	3.862	63	15866	0.595	ug/L	98
22) cis-1,2-Dichloroethene	4.656	96	3958408	248.358	ug/L	94
33) Benzene	5.769	78	68875	1.145	ug/L	100
34) Trichloroethene	6.534	95	1422574	87.293	ug/L	95
47) Tetrachloroethene	8.547	164	294649	23.300	ug/L	97
51) Chlorobenzene	9.441	112	8202631	203.005	ug/L	96
64) 1,3-Dichlorobenzene	11.746	146	5017	0.164	ug/L	95
65) 1,4-Dichlorobenzene	11.830	146	46770	1.484	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	192705	6.686	ug/L	97

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

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Jul 13 03:52:33 2024
Response via : Initial Calibration

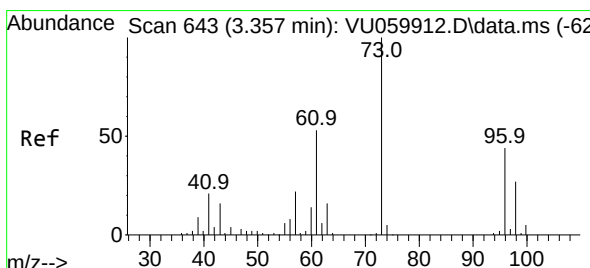
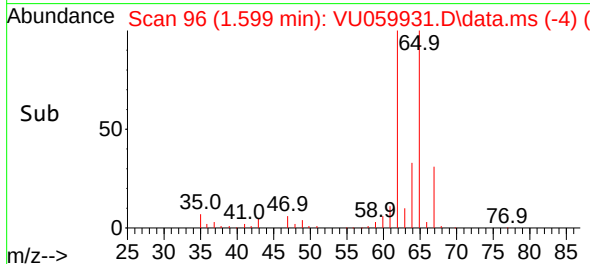
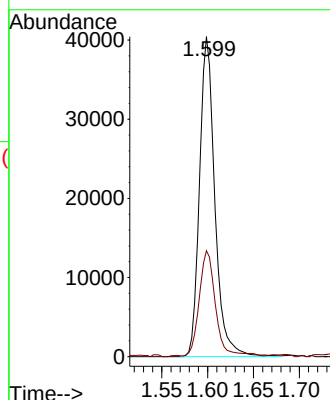
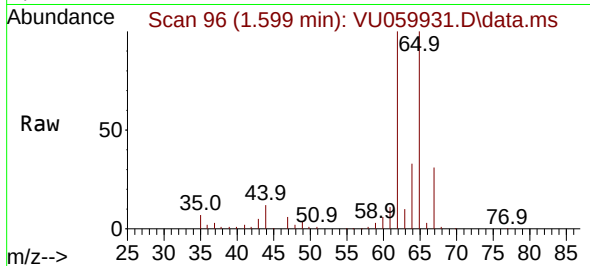




#5
 Vinyl chloride
 Concen: 2.377 ug/L
 RT: 1.599 min Scan# 9
 Delta R.T. -0.003 min
 Lab File: VU059931.D
 Acq: 12 Jul 2024 18:57

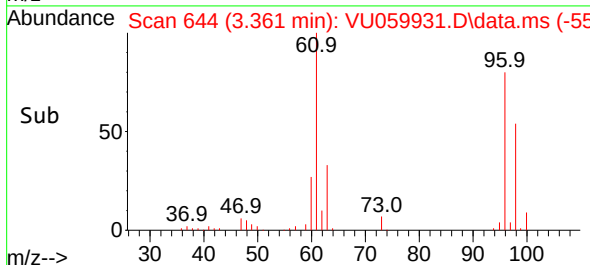
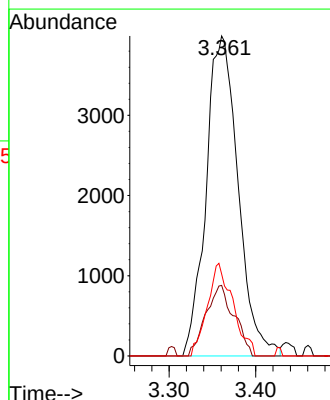
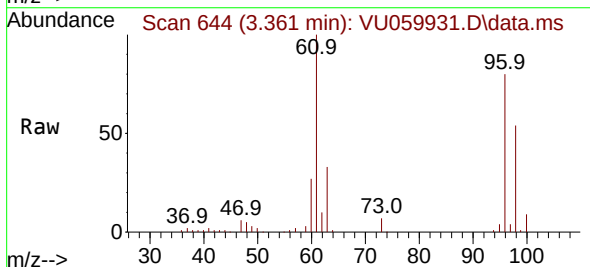
Instrument :
 MSVOA_U
 ClientSampleId :
 YDZL4

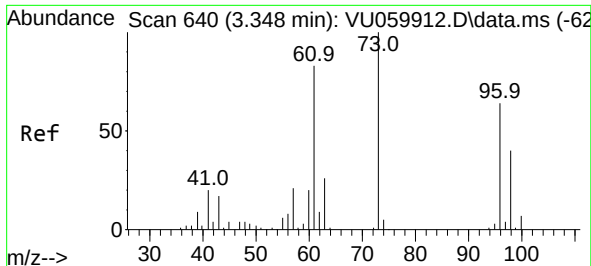
Tgt Ion: 62 Resp: 46948
 Ion Ratio Lower Upper
 62 100
 64 33.1 23.1 42.9



#17
 Methyl tert-butyl Ether
 Concen: 0.342 ug/L
 RT: 3.361 min Scan# 644
 Delta R.T. 0.003 min
 Lab File: VU059931.D
 Acq: 12 Jul 2024 18:57

Tgt Ion: 73 Resp: 10256
 Ion Ratio Lower Upper
 73 100
 43 19.4 14.9 22.3
 57 23.2 18.0 27.0

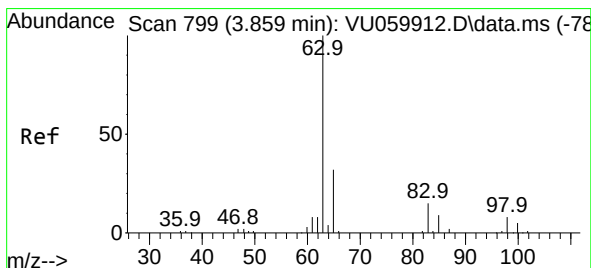
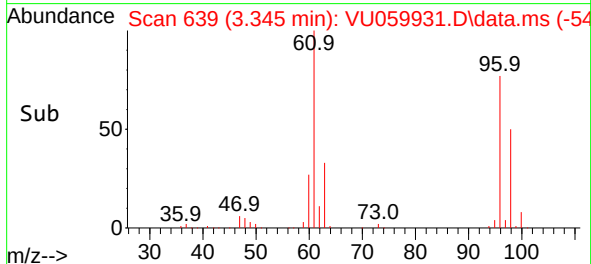
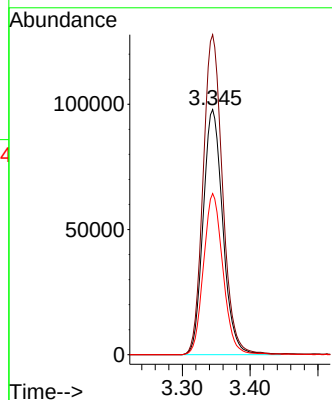
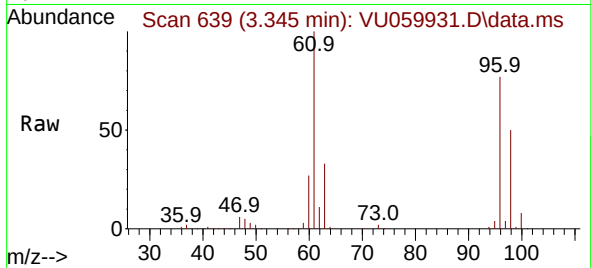




#18
trans-1,2-Dichloroethene
Concen: 13.662 ug/L
RT: 3.345 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU059931.D
Acq: 12 Jul 2024 18:57

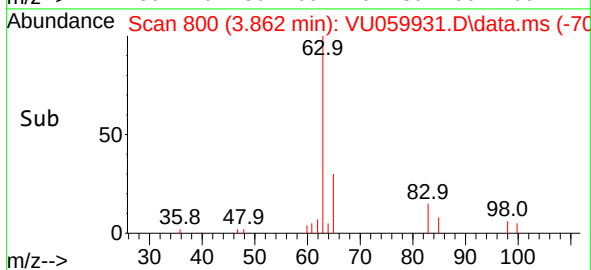
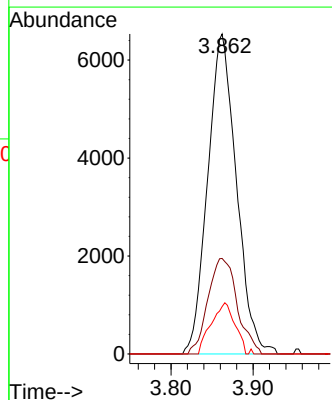
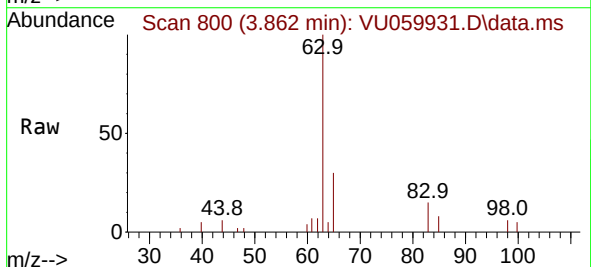
Instrument :
MSVOA_U
ClientSampleId :
YDZL4

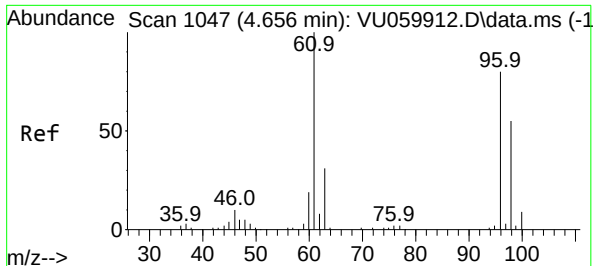
Tgt Ion: 96 Resp: 197560
Ion Ratio Lower Upper
96 100
61 130.5 101.8 189.0
98 65.7 43.3 80.5



#19
1,1-Dichloroethane
Concen: 0.595 ug/L
RT: 3.862 min Scan# 800
Delta R.T. 0.003 min
Lab File: VU059931.D
Acq: 12 Jul 2024 18:57

Tgt Ion: 63 Resp: 15866
Ion Ratio Lower Upper
63 100
65 29.9 21.8 40.6
83 14.8 9.9 18.5



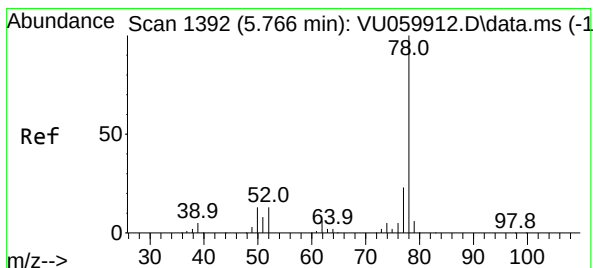
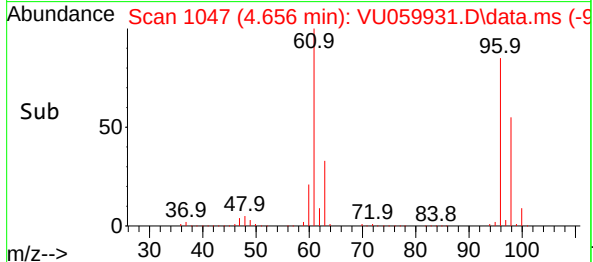
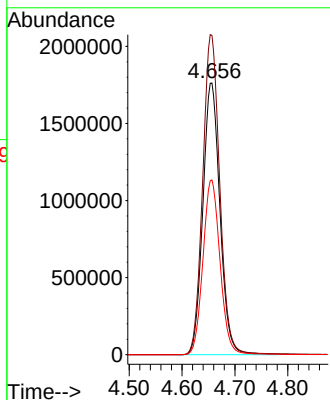
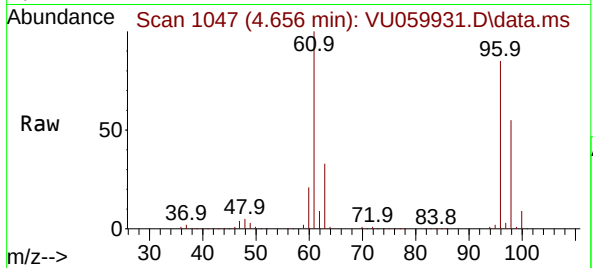


#22
 cis-1,2-Dichloroethene
 Concen: 248.358 ug/L
 RT: 4.656 min Scan# 1047
 Delta R.T. 0.000 min
 Lab File: VU059931.D
 Acq: 12 Jul 2024 18:57

Instrument :
 MSVOA_U
 ClientSampleId :
 YDZL4

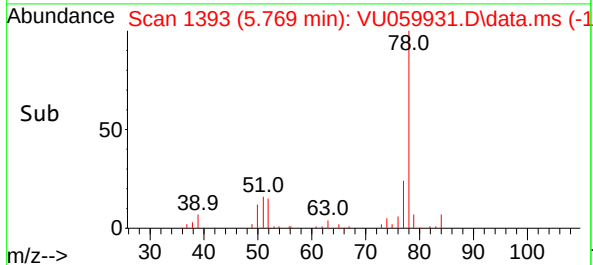
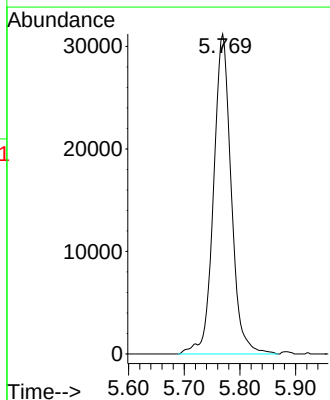
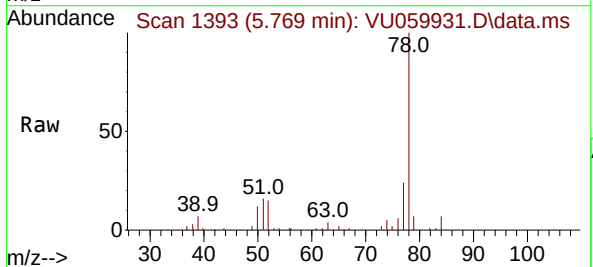
Tgt Ion: 96 Resp: 3958408

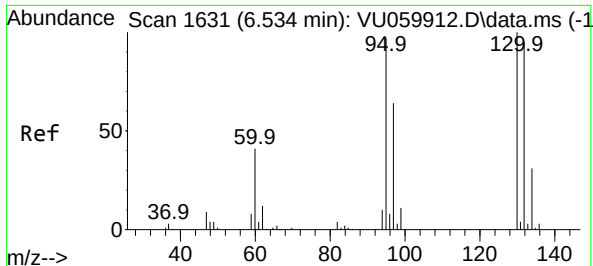
Ion	Ratio	Lower	Upper
96	100		
61	117.5	87.4	162.2
98	64.3	42.3	78.5



#33
 Benzene
 Concen: 1.145 ug/L
 RT: 5.769 min Scan# 1393
 Delta R.T. 0.003 min
 Lab File: VU059931.D
 Acq: 12 Jul 2024 18:57

Tgt Ion: 78 Resp: 68875





#34

Trichloroethene

Concen: 87.293 ug/L

RT: 6.534 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU059931.D

Acq: 12 Jul 2024 18:57

Instrument :

MSVOA_U

ClientSampleId :

YDZL4

Tgt Ion: 95 Resp: 1422574

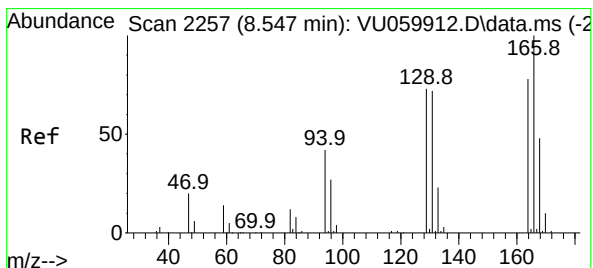
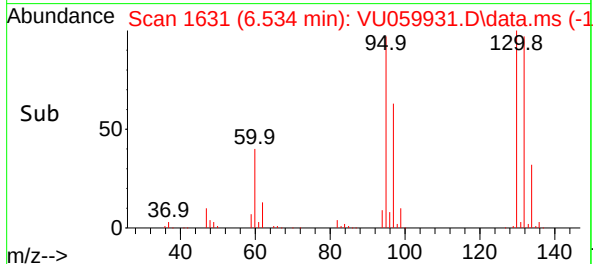
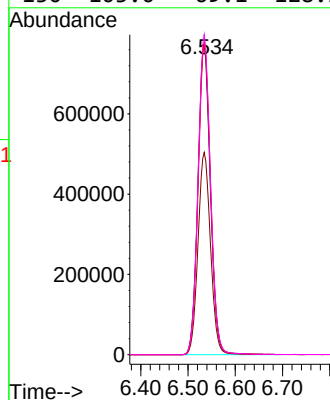
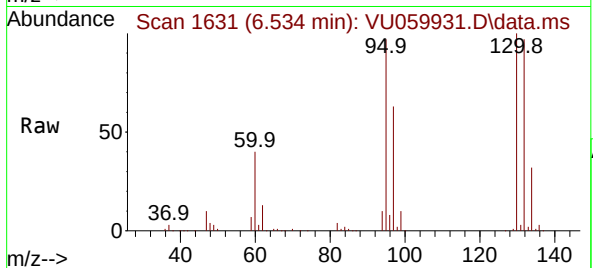
Ion Ratio Lower Upper

95 100

97 65.1 45.3 84.1

132 100.2 64.0 119.0

130 103.0 69.1 128.3



#47

Tetrachloroethene

Concen: 23.300 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. 0.000 min

Lab File: VU059931.D

Acq: 12 Jul 2024 18:57

Tgt Ion: 164 Resp: 294649

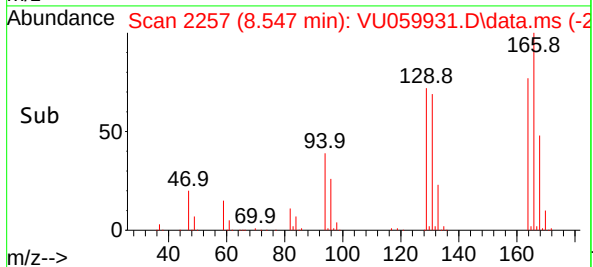
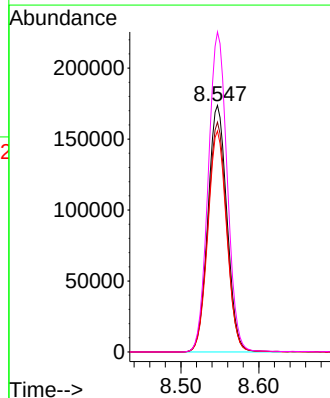
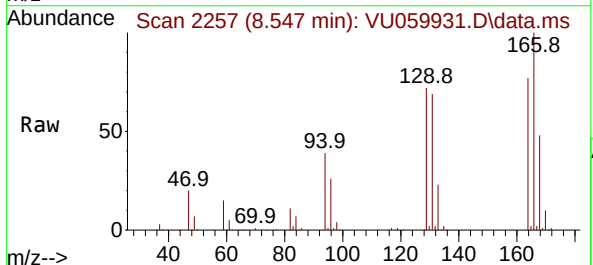
Ion Ratio Lower Upper

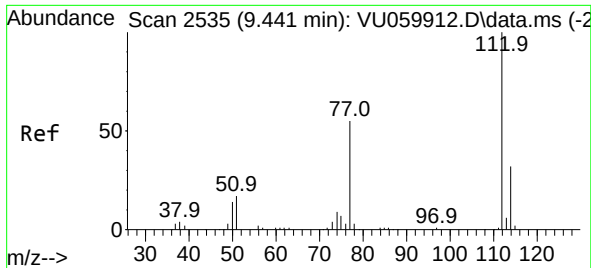
164 100

129 93.2 70.8 131.4

131 89.6 64.8 120.3

166 129.8 91.1 169.1

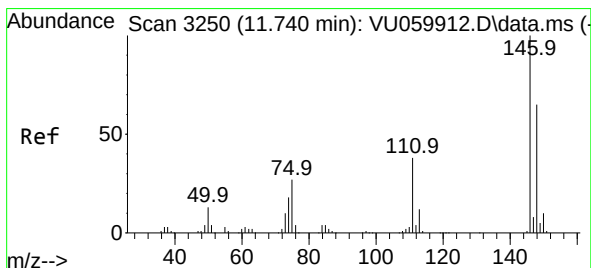
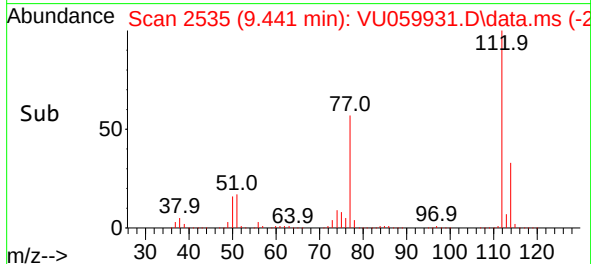
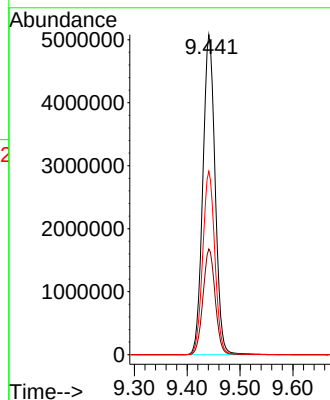
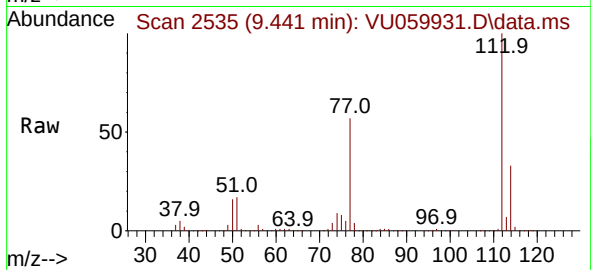




#51
Chlorobenzene
Concen: 203.005 ug/L
RT: 9.441 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU059931.D
Acq: 12 Jul 2024 18:57

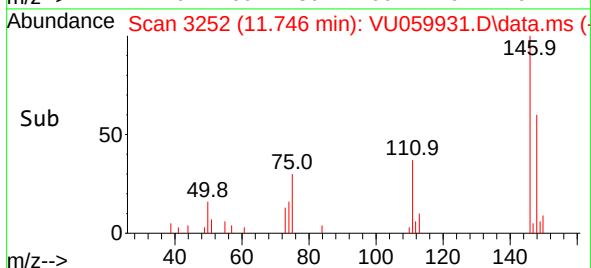
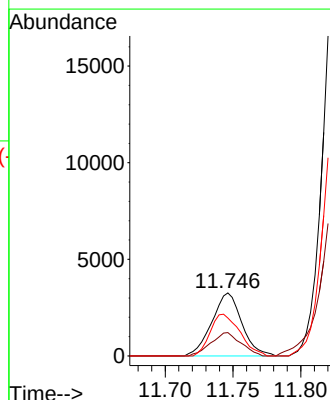
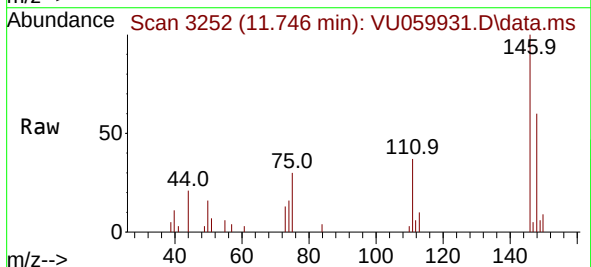
Instrument :
MSVOA_U
ClientSampleId :
YDZL4

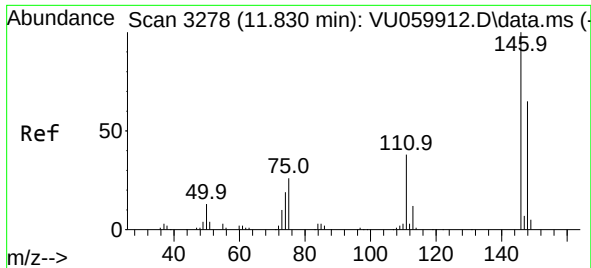
Tgt Ion:112 Resp: 8202631
Ion Ratio Lower Upper
112 100
114 33.1 22.4 41.6
77 57.3 49.1 73.7



#64
1,3-Dichlorobenzene
Concen: 0.164 ug/L
RT: 11.746 min Scan# 3252
Delta R.T. 0.006 min
Lab File: VU059931.D
Acq: 12 Jul 2024 18:57

Tgt Ion:146 Resp: 5017
Ion Ratio Lower Upper
146 100
111 37.1 27.4 51.0
148 60.1 45.0 83.6

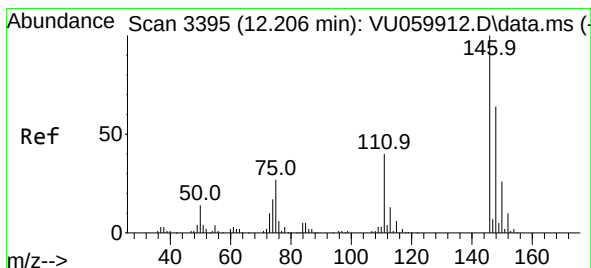
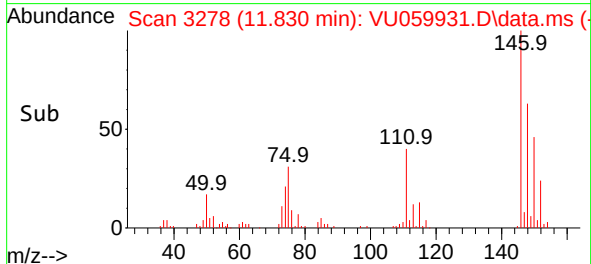
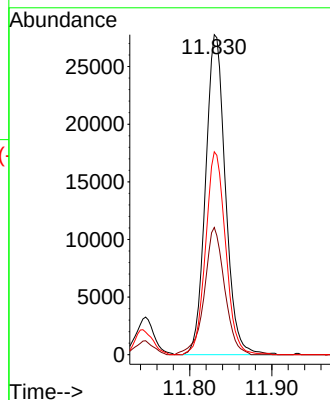
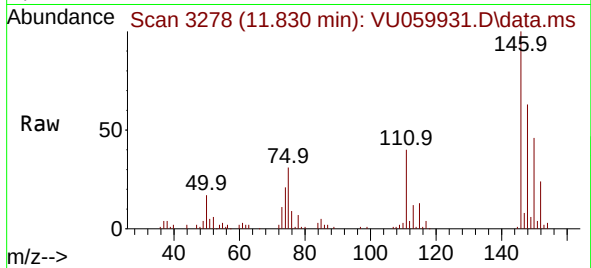




#65
1,4-Dichlorobenzene
Concen: 1.484 ug/L
RT: 11.830 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU059931.D
Acq: 12 Jul 2024 18:57

Instrument :
MSVOA_U
ClientSampleId :
YDZL4

Tgt Ion:146 Resp: 46770
Ion Ratio Lower Upper
146 100
111 39.8 26.9 50.1
148 63.4 45.3 84.1



#67
1,2-Dichlorobenzene
Concen: 6.686 ug/L
RT: 12.206 min Scan# 3395
Delta R.T. 0.000 min
Lab File: VU059931.D
Acq: 12 Jul 2024 18:57

Tgt Ion:146 Resp: 192705
Ion Ratio Lower Upper
146 100
111 39.3 33.4 50.0
148 64.2 49.7 74.5

