

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072324\
 Data File : VU060130.D
 Acq On : 23 Jul 2024 22:51
 Operator : MD/SY
 Sample : P3244-06
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 YDZF1

Quant Time: Jul 24 05:56:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jul 24 05:34:19 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	121059	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	135311	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	76294	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	32777	3.891	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.800%
7) Chloroethane-d5	1.908	69	33432	4.273	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.400%
11) 1,1-Dichloroethene-d2	2.560	65	13717	4.171	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.400%
20) 2-Butanone-d5	4.634	46	98807	50.176	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.360%
24) Chloroform-d	5.055	84	79055	4.466	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.400%
26) 1,2-Dichloroethane-d4	5.698	65	37913	4.600	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.000%
32) Benzene-d6	5.721	84	150376	4.148	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.000%
36) 1,2-Dichloropropane-d6	6.682	67	50021	4.330	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.600%
41) Toluene-d8	7.894	98	122426	3.738	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.800%
43) trans-1,3-Dichloroprop...	8.181	79	9212	2.343	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	46.800%#
46) 2-Hexanone-d5	8.631	63	78146	44.783	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.560%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	49006	4.766	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	65290	4.741	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.800%
Target Compounds						
					Qvalue	
8) Chloroethane	1.930	64	2439	0.301	ug/L	92
16) Methylene chloride	3.039	84	2049	0.181	ug/L	97
19) 1,1-Dichloroethane	3.859	63	5136	0.281	ug/L #	89
22) cis-1,2-Dichloroethene	4.660	96	6495	0.603	ug/L	91
30) Cyclohexane	5.380	56	1566	0.117	ug/L #	59
33) Benzene	5.772	78	9017	0.202	ug/L	100
35) Methylcyclohexane	6.756	83	20588	1.325	ug/L #	89
42) Toluene	7.965	91	10893	0.229	ug/L	98
51) Chlorobenzene	9.441	112	2858550	91.981	ug/L	99
52) Ethylbenzene	9.566	91	31598	0.666	ug/L	100
53) m,p-Xylene	9.692	106	35117	1.916	ug/L	98
54) o-Xylene	10.097	106	12525	0.715	ug/L	94
60) Isopropylbenzene	10.480	105	400042	8.016	ug/L	99
62) 1,3,5-Trimethylbenzene	11.084	105	35324	0.926	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	1013973	27.522	ug/L	100
64) 1,3-Dichlorobenzene	11.743	146	6666	0.248	ug/L	94
65) 1,4-Dichlorobenzene	11.830	146	163422	5.979	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	84065	3.271	ug/L	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072324\
Data File : VU060130.D
Acq On : 23 Jul 2024 22:51
Operator : MD/SY
Sample : P3244-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZF1

Quant Time: Jul 24 05:56:48 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Jul 24 05:34:19 2024
Response via : Initial Calibration

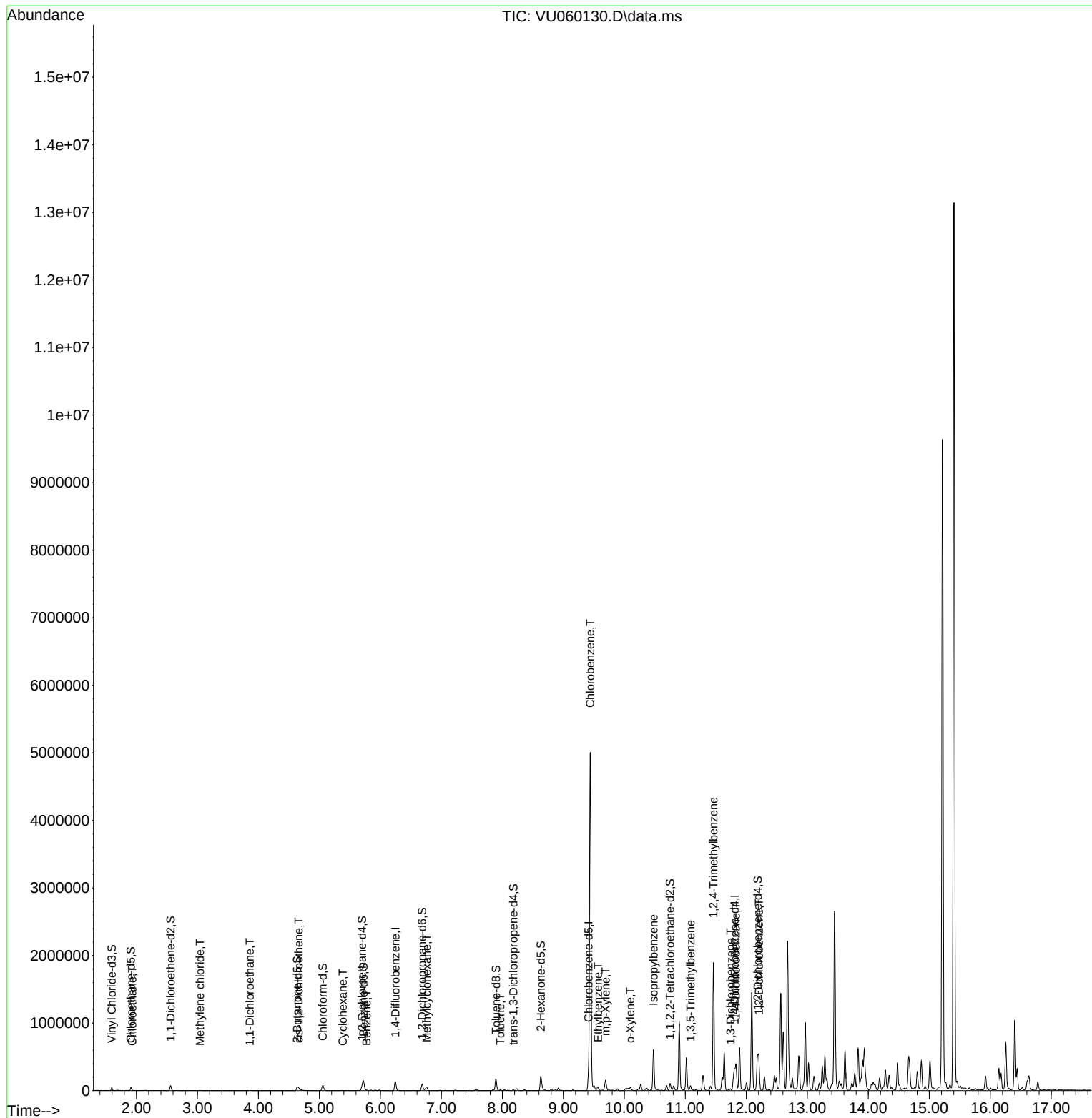
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

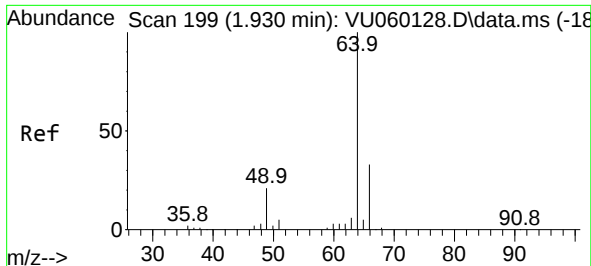
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072324\
Data File : VU060130.D
Acq On : 23 Jul 2024 22:51
Operator : MD/SY
Sample : P3244-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZF1

Quant Time: Jul 24 05:56:48 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Jul 24 05:34:19 2024
Response via : Initial Calibration

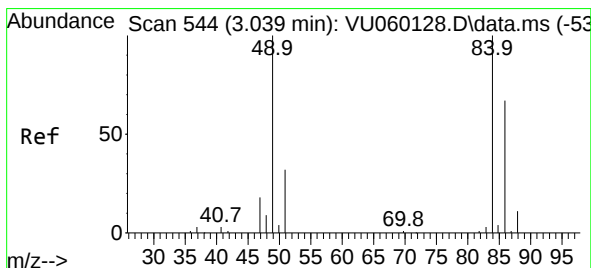
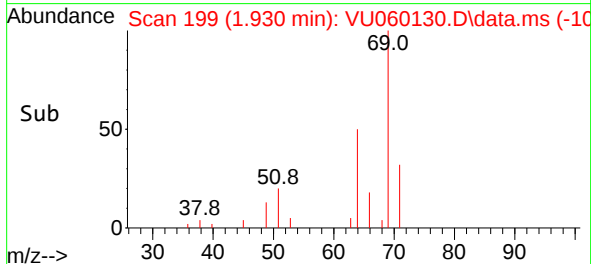
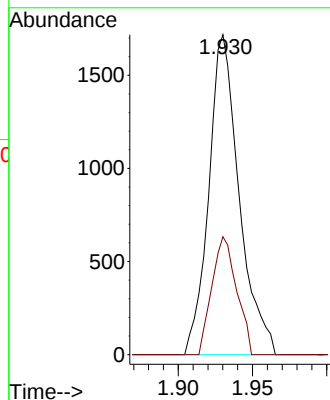
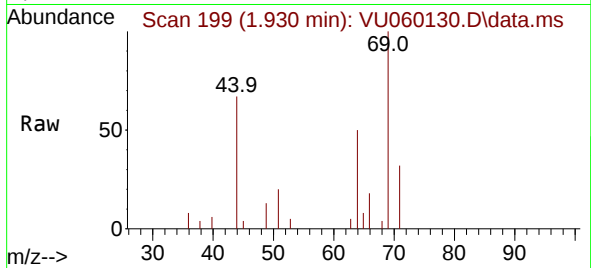




#8
Chloroethane
Concen: 0.301 ug/L
RT: 1.930 min Scan# 199
Delta R.T. 0.000 min
Lab File: VU060130.D
Acq: 23 Jul 2024 22:51

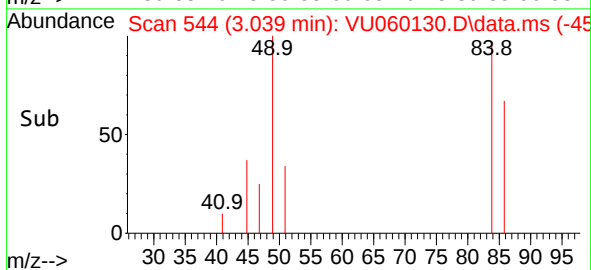
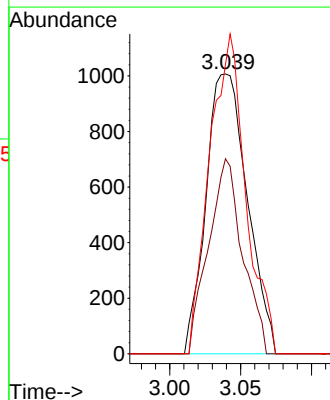
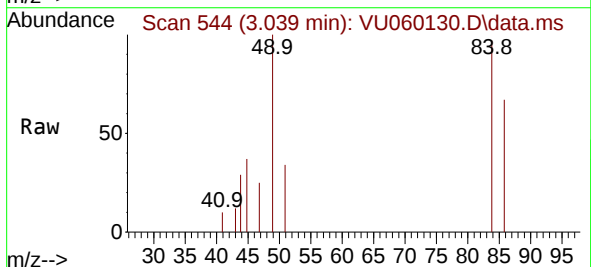
Instrument :
MSVOA_U
ClientSampleId :
YDZF1

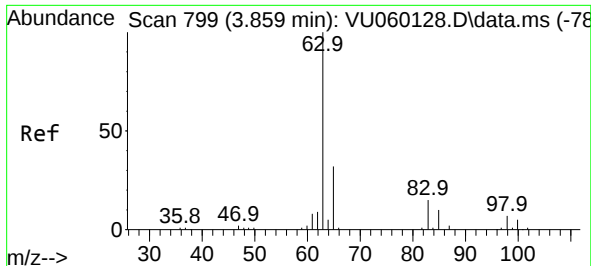
Tgt Ion: 64 Resp: 2439
Ion Ratio Lower Upper
64 100
66 36.8 22.8 42.4



#16
Methylene chloride
Concen: 0.181 ug/L
RT: 3.039 min Scan# 544
Delta R.T. 0.000 min
Lab File: VU060130.D
Acq: 23 Jul 2024 22:51

Tgt Ion: 84 Resp: 2049
Ion Ratio Lower Upper
84 100
86 69.7 44.4 82.5
49 103.4 72.0 133.6





#19

1,1-Dichloroethane

Concen: 0.281 ug/L

RT: 3.859 min Scan# 799

Delta R.T. 0.000 min

Lab File: VU060130.D

Acq: 23 Jul 2024 22:51

Instrument :

MSVOA_U

ClientSampleId :

YDZF1

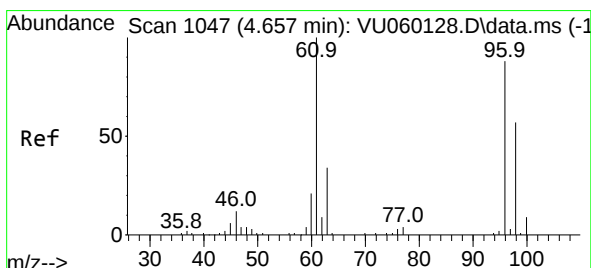
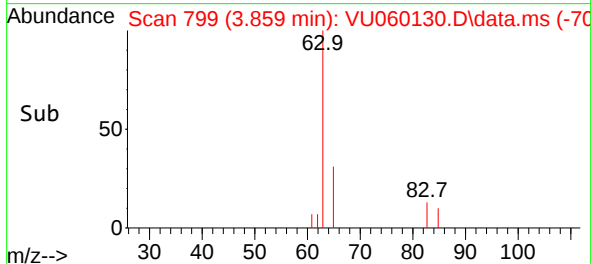
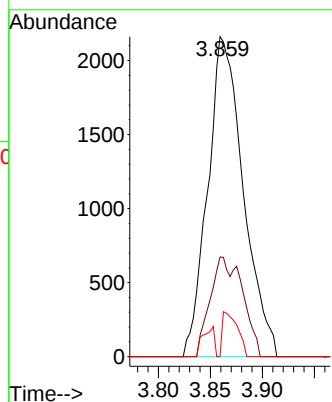
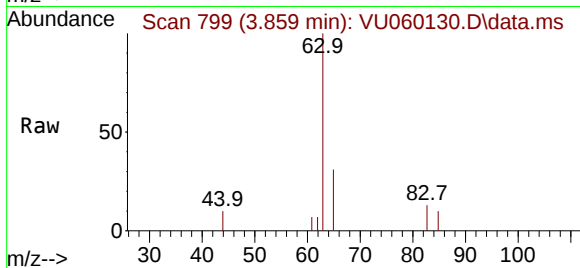
Tgt Ion: 63 Resp: 5136

Ion Ratio Lower Upper

63 100

65 31.1 22.0 40.8

83 0.0 9.7 17.9#



#22

cis-1,2-Dichloroethene

Concen: 0.603 ug/L

RT: 4.660 min Scan# 1048

Delta R.T. 0.003 min

Lab File: VU060130.D

Acq: 23 Jul 2024 22:51

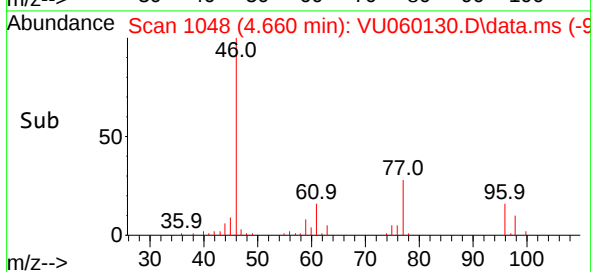
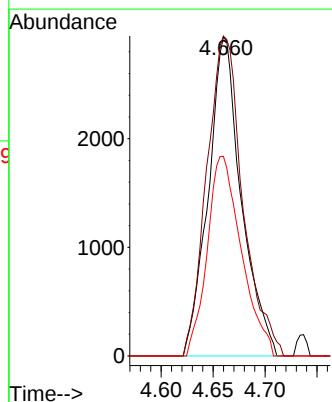
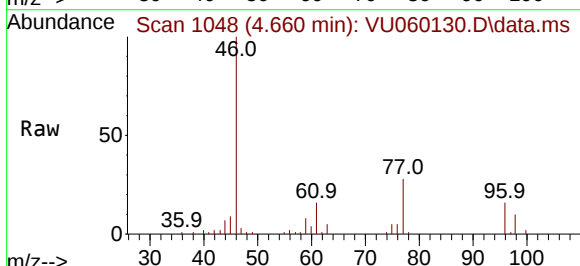
Tgt Ion: 96 Resp: 6495

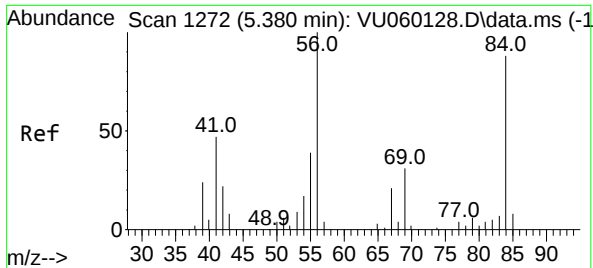
Ion Ratio Lower Upper

96 100

61 100.3 80.2 148.9

98 62.6 44.7 83.1

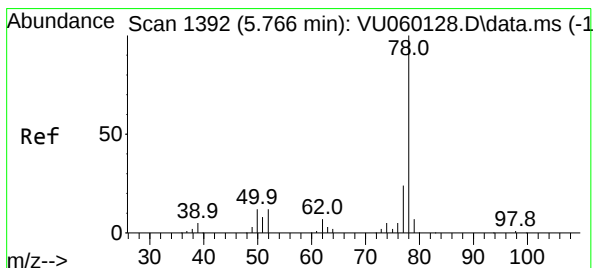
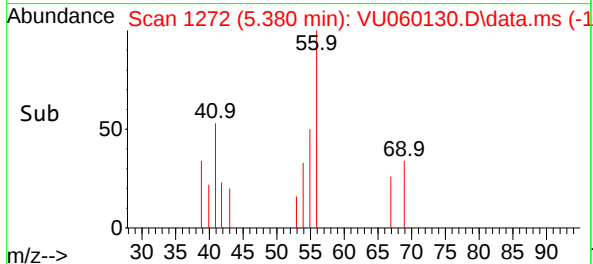
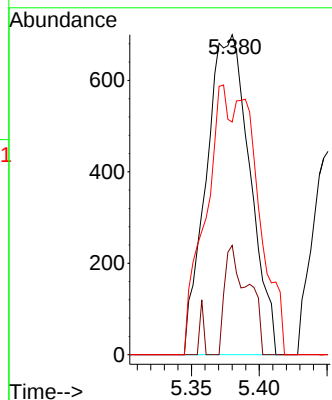
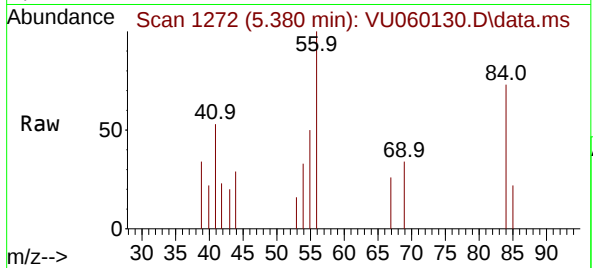




#30
Cyclohexane
Concen: 0.117 ug/L
RT: 5.380 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU060130.D
Acq: 23 Jul 2024 22:51

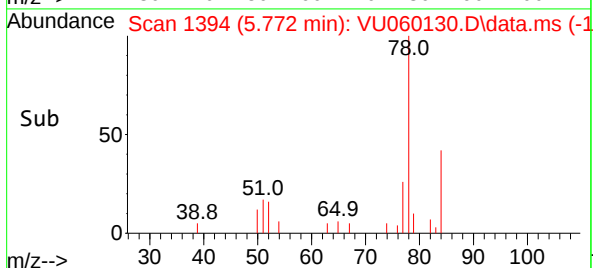
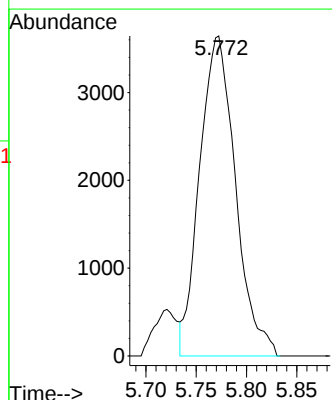
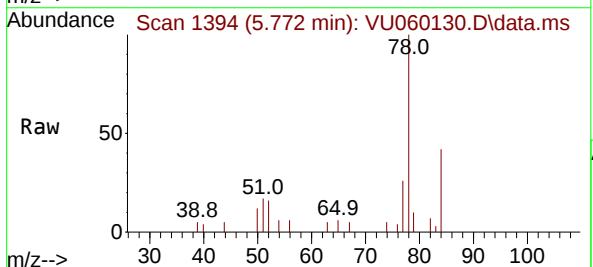
Instrument :
MSVOA_U
ClientSampleId :
YDZF1

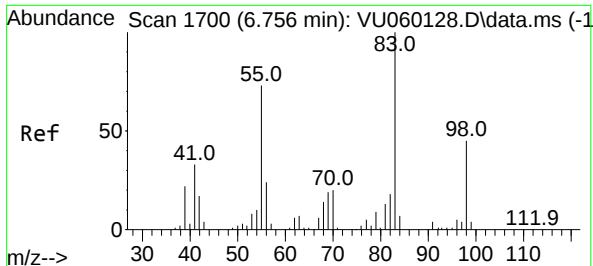
Tgt Ion:	56	Resp:	1566
Ion Ratio	Lower	Upper	
56	100		
69	18.4	26.6	39.8#
84	51.3	77.2	115.8#



#33
Benzene
Concen: 0.202 ug/L
RT: 5.772 min Scan# 1394
Delta R.T. 0.006 min
Lab File: VU060130.D
Acq: 23 Jul 2024 22:51

Tgt Ion: 78 Resp: 9017

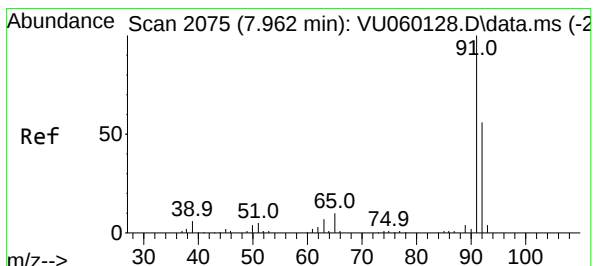
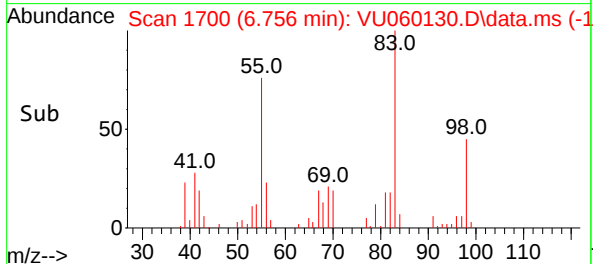
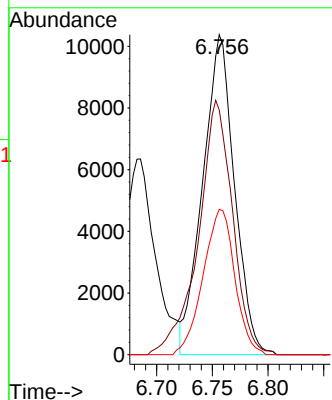
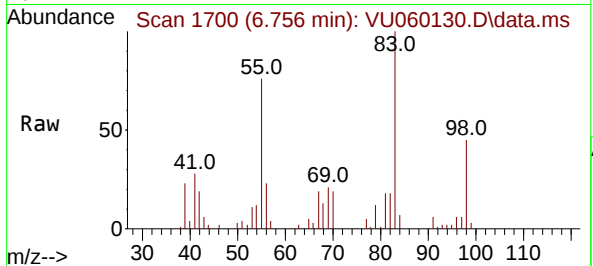




#35
Methylcyclohexane
Concen: 1.325 ug/L
RT: 6.756 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU060130.D
Acq: 23 Jul 2024 22:51

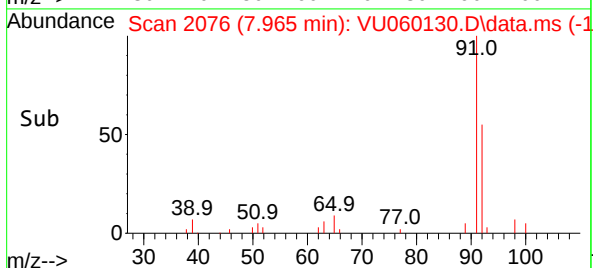
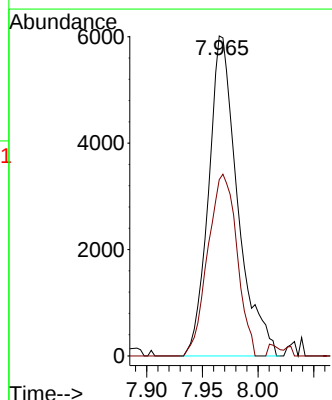
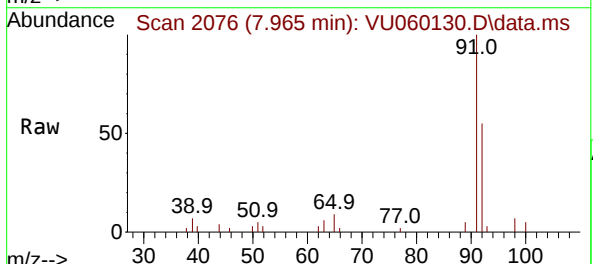
Instrument :
MSVOA_U
ClientSampleId :
YDZF1

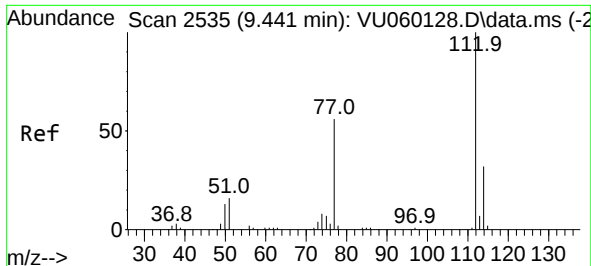
Tgt Ion: 83 Resp: 20588
Ion Ratio Lower Upper
83 100
55 85.3 56.7 85.1#
98 45.3 36.6 55.0



#42
Toluene
Concen: 0.229 ug/L
RT: 7.965 min Scan# 2076
Delta R.T. 0.003 min
Lab File: VU060130.D
Acq: 23 Jul 2024 22:51

Tgt Ion: 91 Resp: 10893
Ion Ratio Lower Upper
91 100
92 55.1 39.8 73.8

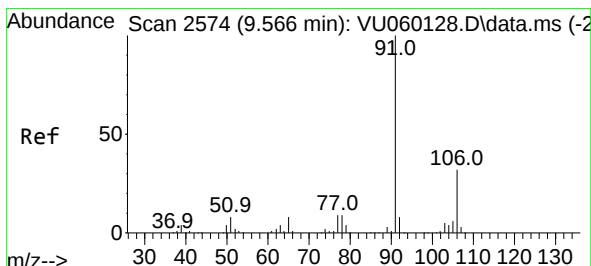
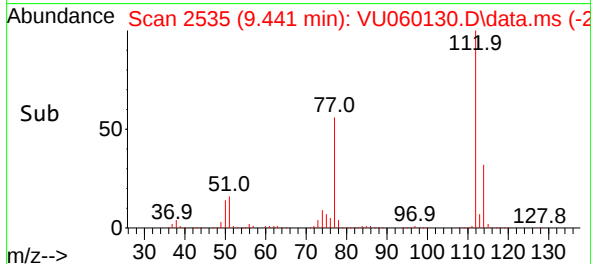
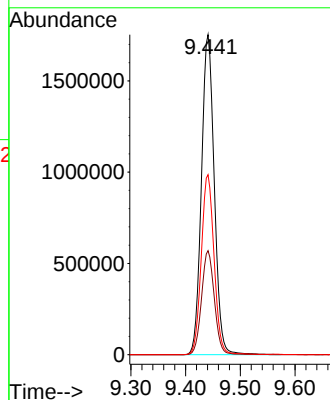
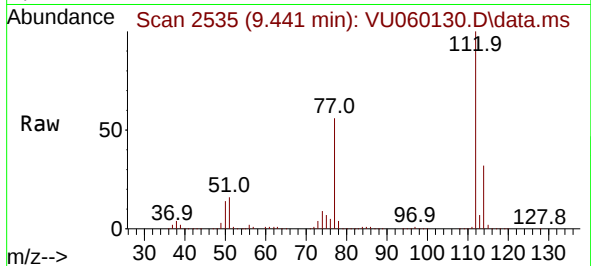




#51
Chlorobenzene
Concen: 91.981 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. 0.000 min
Lab File: VU060130.D
Acq: 23 Jul 2024 22:51

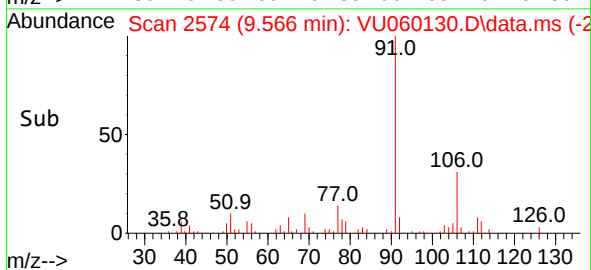
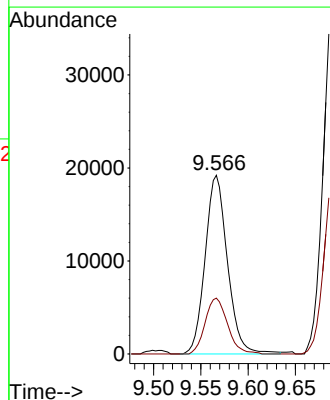
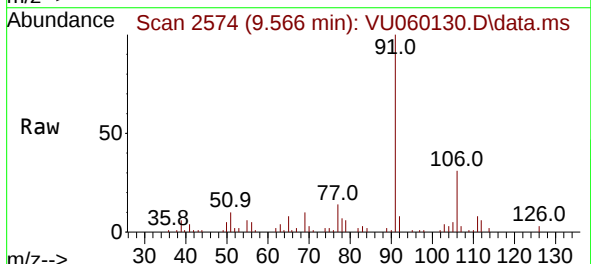
Instrument :
MSVOA_U
ClientSampleId :
YDZF1

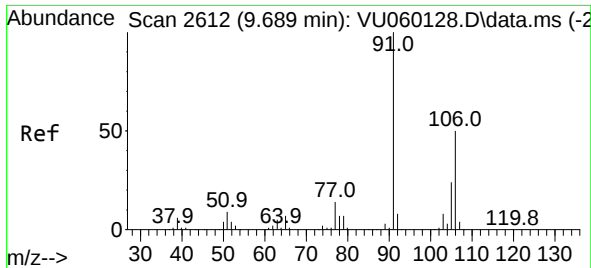
Tgt Ion:112 Resp: 2858550
Ion Ratio Lower Upper
112 100
114 32.5 22.1 41.1
77 56.2 44.7 67.1



#52
Ethylbenzene
Concen: 0.666 ug/L
RT: 9.566 min Scan# 2574
Delta R.T. 0.000 min
Lab File: VU060130.D
Acq: 23 Jul 2024 22:51

Tgt Ion: 91 Resp: 31598
Ion Ratio Lower Upper
91 100
106 31.2 21.9 40.7

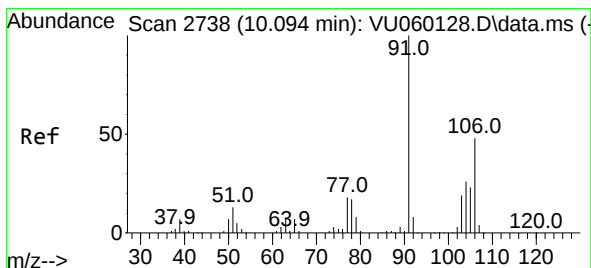
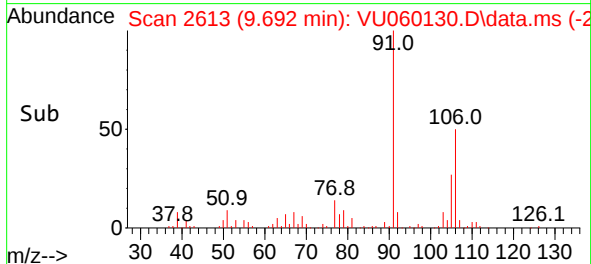
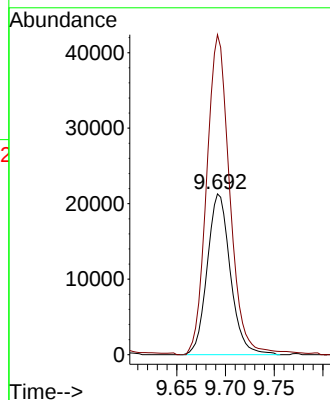
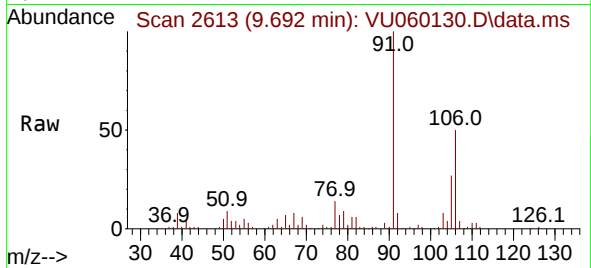




#53
m,p-Xylene
Concen: 1.916 ug/L
RT: 9.692 min Scan# 2613
Delta R.T. 0.003 min
Lab File: VU060130.D
Acq: 23 Jul 2024 22:51

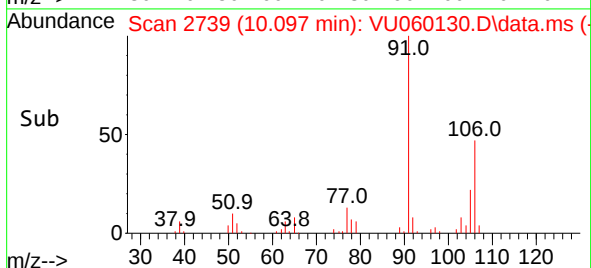
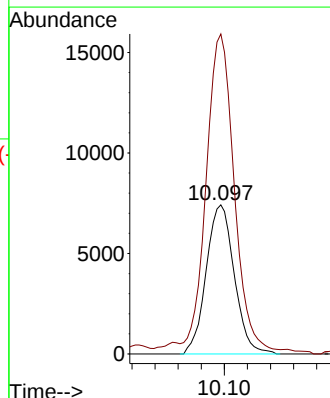
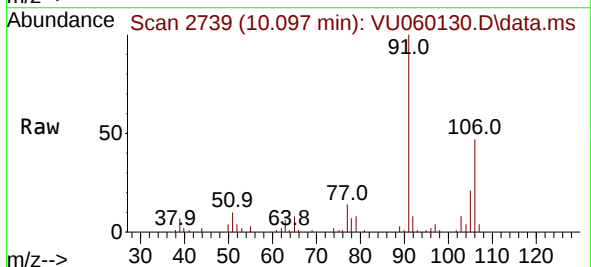
Instrument :
MSVOA_U
ClientSampleId :
YDZF1

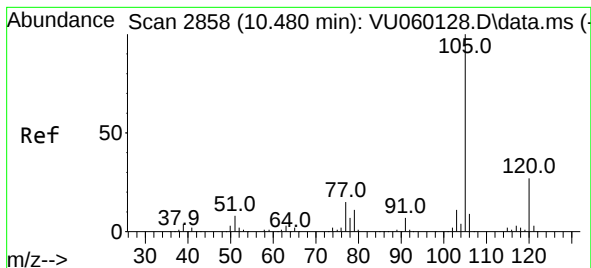
Tgt Ion:106 Resp: 35117
Ion Ratio Lower Upper
106 100
91 198.9 141.3 262.5



#54
o-Xylene
Concen: 0.715 ug/L
RT: 10.097 min Scan# 2739
Delta R.T. 0.003 min
Lab File: VU060130.D
Acq: 23 Jul 2024 22:51

Tgt Ion:106 Resp: 12525
Ion Ratio Lower Upper
106 100
91 214.6 143.6 266.6





#60

Isopropylbenzene

Concen: 8.016 ug/L

RT: 10.480 min Scan# 2858

Delta R.T. 0.000 min

Lab File: VU060130.D

Acq: 23 Jul 2024 22:51

Instrument :

MSVOA_U

ClientSampleId :

YDZF1

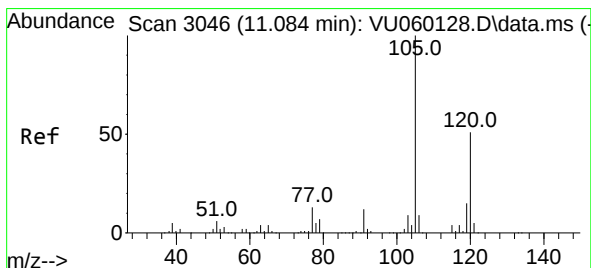
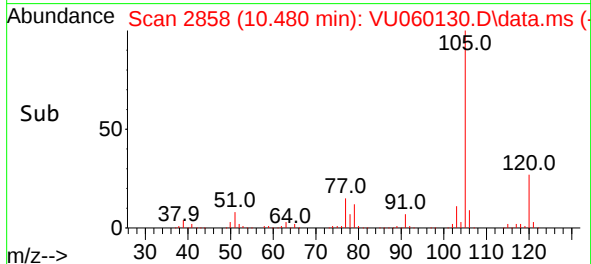
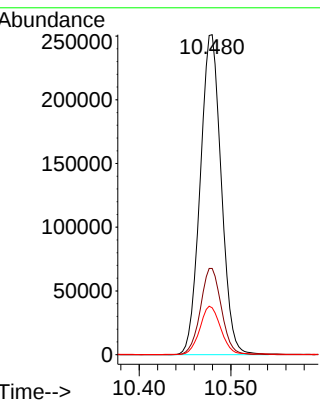
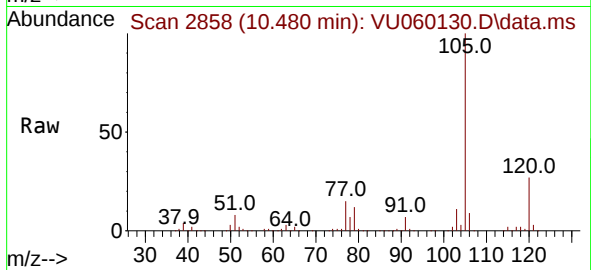
Tgt Ion:105 Resp: 400042

Ion Ratio Lower Upper

105 100

120 26.9 21.9 32.9

77 15.3 12.1 18.1



#62

1,3,5-Trimethylbenzene

Concen: 0.926 ug/L

RT: 11.084 min Scan# 3046

Delta R.T. 0.000 min

Lab File: VU060130.D

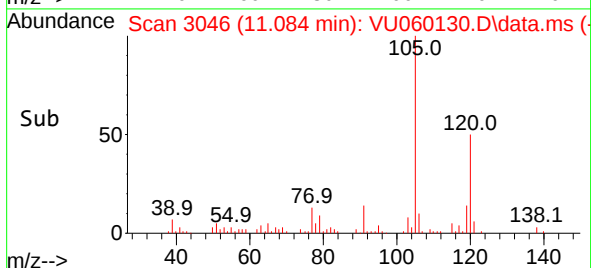
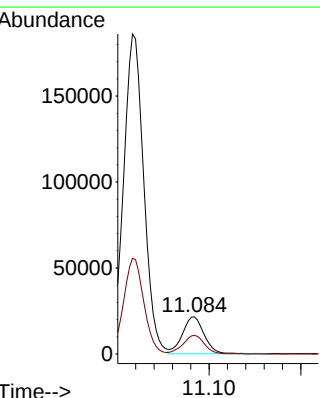
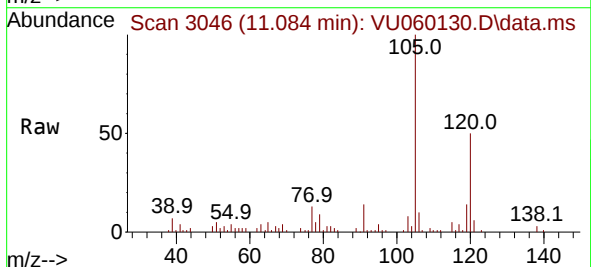
Acq: 23 Jul 2024 22:51

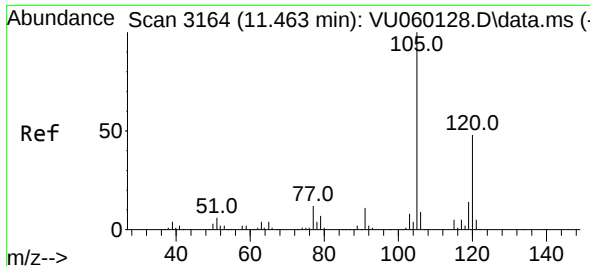
Tgt Ion:105 Resp: 35324

Ion Ratio Lower Upper

105 100

120 50.0 39.4 59.2

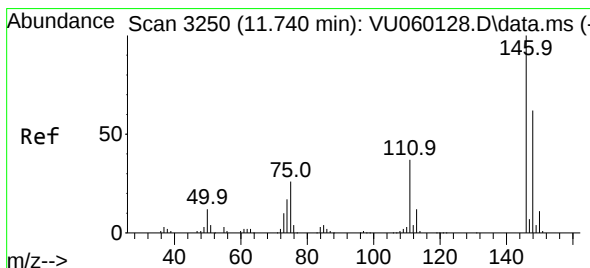
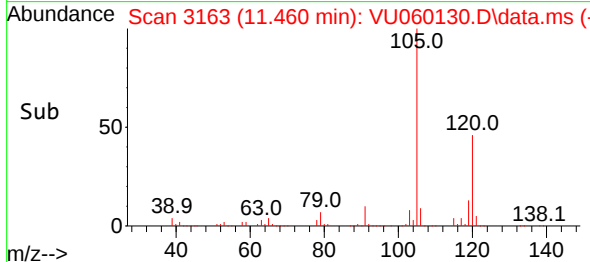
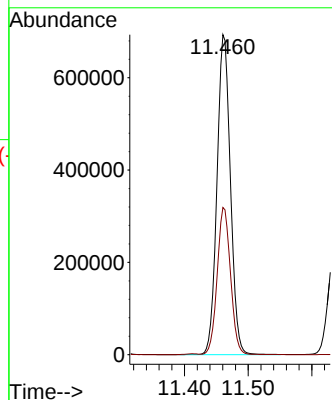
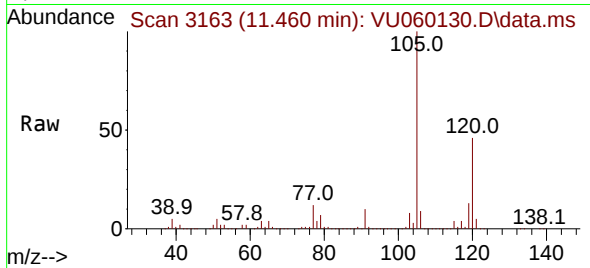




#63
1,2,4-Trimethylbenzene
Concen: 27.522 ug/L
RT: 11.460 min Scan# 3163
Delta R.T. -0.003 min
Lab File: VU060130.D
Acq: 23 Jul 2024 22:51

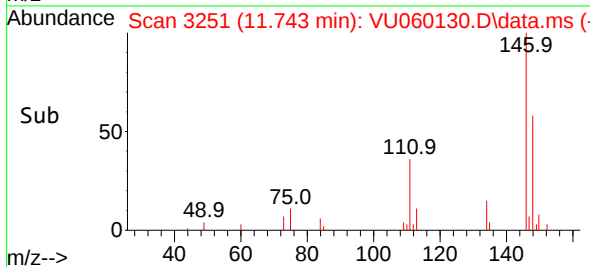
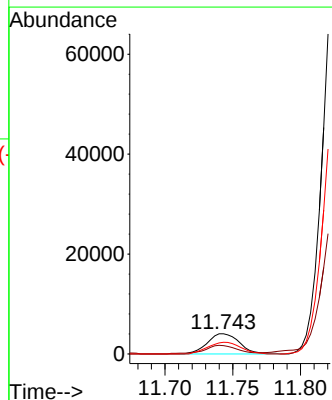
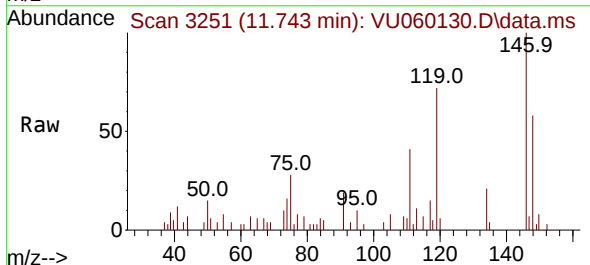
Instrument :
MSVOA_U
ClientSampleId :
YDZF1

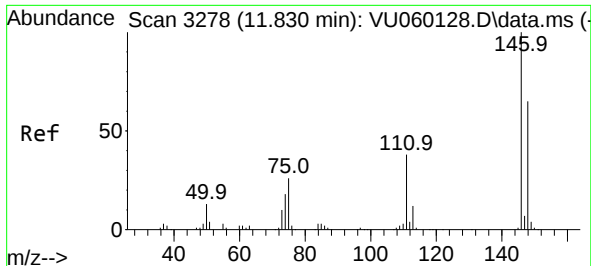
Tgt Ion:105 Resp: 1013973
Ion Ratio Lower Upper
105 100
120 45.6 36.7 55.1



#64
1,3-Dichlorobenzene
Concen: 0.248 ug/L
RT: 11.743 min Scan# 3251
Delta R.T. 0.003 min
Lab File: VU060130.D
Acq: 23 Jul 2024 22:51

Tgt Ion:146 Resp: 6666
Ion Ratio Lower Upper
146 100
111 41.3 27.2 50.4
148 58.1 44.3 82.3

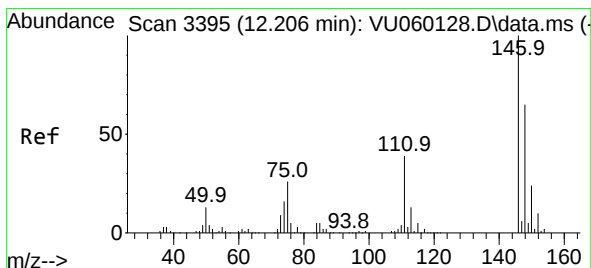
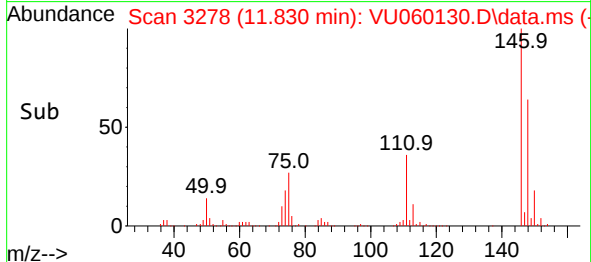
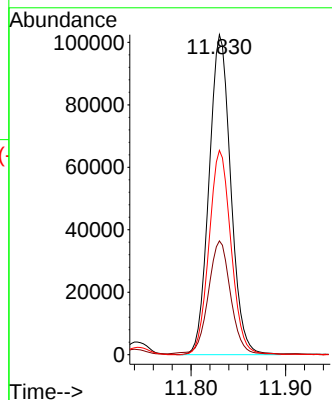
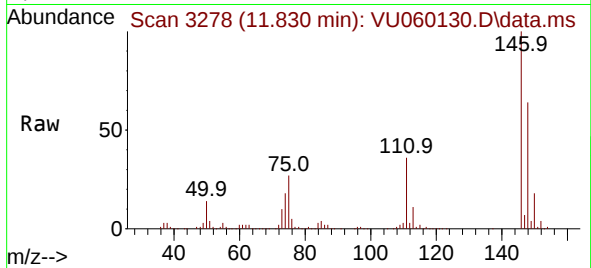




#65
1,4-Dichlorobenzene
Concen: 5.979 ug/L
RT: 11.830 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU060130.D
Acq: 23 Jul 2024 22:51

Instrument :
MSVOA_U
ClientSampleId :
YDZF1

Tgt Ion:146 Resp: 163422
Ion Ratio Lower Upper
146 100
111 35.6 26.5 49.1
148 63.8 45.3 84.1



#67
1,2-Dichlorobenzene
Concen: 3.271 ug/L
RT: 12.206 min Scan# 3395
Delta R.T. 0.000 min
Lab File: VU060130.D
Acq: 23 Jul 2024 22:51

Tgt Ion:146 Resp: 84065
Ion Ratio Lower Upper
146 100
111 38.2 30.9 46.3
148 65.8 49.8 74.8

