

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071824\
 Data File : VU060032.D
 Acq On : 18 Jul 2024 21:11
 Operator : MD/SY
 Sample : P3217-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 YDZC3

Quant Time: Jul 19 01:38:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jul 19 01:30:22 2024
 Response via : Initial Calibration

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

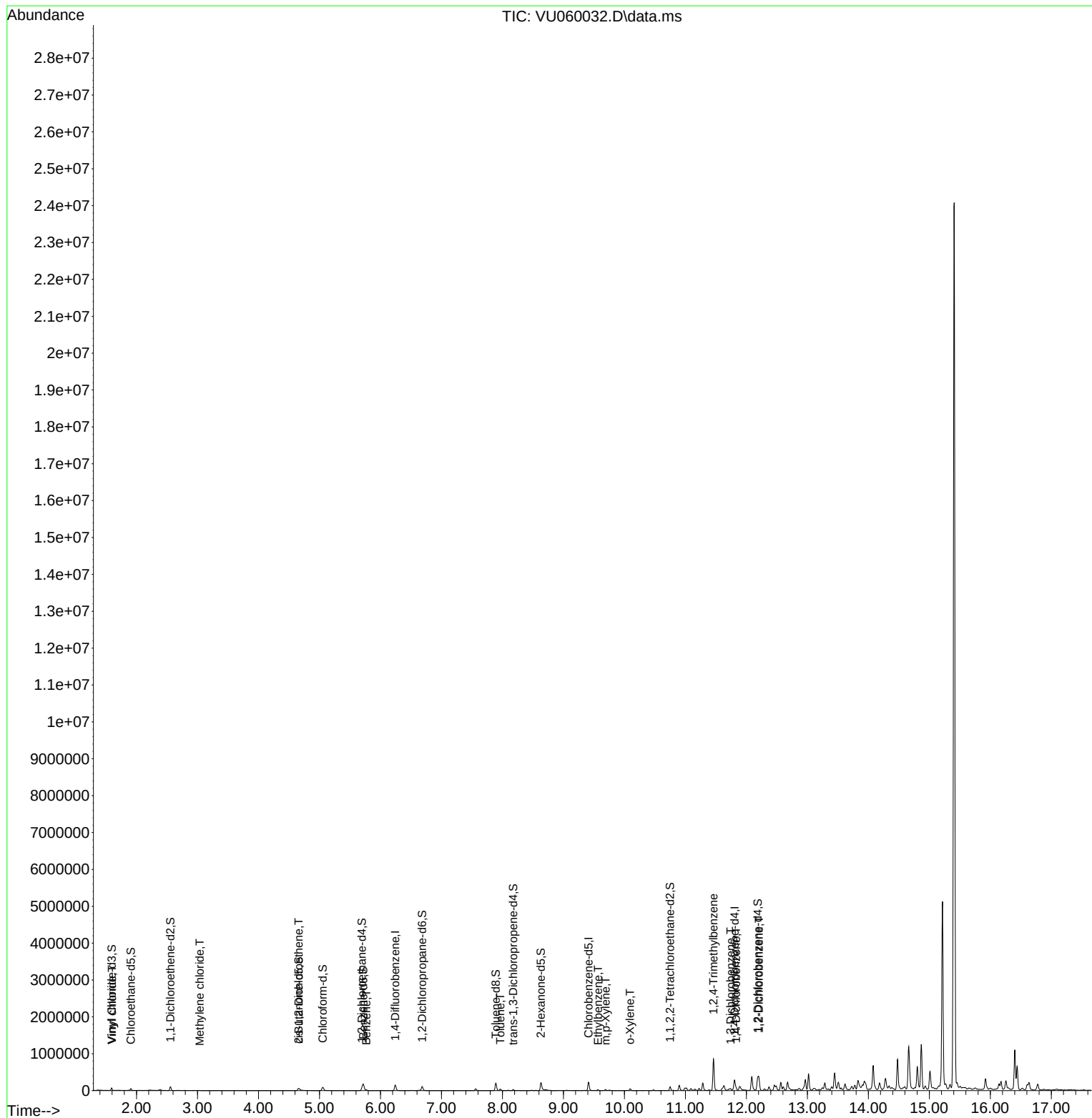
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	132943	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	136677	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	77073	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	42662	4.612	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.200%
7) Chloroethane-d5	1.907	69	38812	4.517	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.400%
11) 1,1-Dichloroethene-d2	2.557	65	18739	5.189	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	103.800%
20) 2-Butanone-d5	4.660	46	75910	35.102	ug/L	0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	70.200%
24) Chloroform-d	5.055	84	88302	4.542	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.800%
26) 1,2-Dichloroethane-d4	5.695	65	42995	4.750	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.000%
32) Benzene-d6	5.717	84	175595	4.795	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.000%
36) 1,2-Dichloropropane-d6	6.685	67	56507	4.843	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.800%
41) Toluene-d8	7.891	98	145277	4.391	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.800%
43) trans-1,3-Dichloroprop...	8.177	79	18206	4.584	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.600%
46) 2-Hexanone-d5	8.630	63	83327	47.275	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.540%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	52181	5.024	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	70264	5.051	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.000%
Target Compounds						Qvalue
5) Vinyl chloride	1.599	62	5324	0.391	ug/L	90
16) Methylene chloride	3.036	84	1913	0.154	ug/L	88
22) cis-1,2-Dichloroethene	4.660	96	12180	1.030	ug/L	94
33) Benzene	5.769	78	20913	0.463	ug/L	100
42) Toluene	7.965	91	33946	0.706	ug/L	99
52) Ethylbenzene	9.566	91	17116	0.357	ug/L	100
53) m,p-Xylene	9.692	106	8371	0.452	ug/L	94
54) o-Xylene	10.093	106	14760	0.834	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	466582	12.536	ug/L	100
64) 1,3-Dichlorobenzene	11.743	146	7049	0.260	ug/L	93
65) 1,4-Dichlorobenzene	11.833	146	24059	0.871	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	111791	4.306	ug/L	96

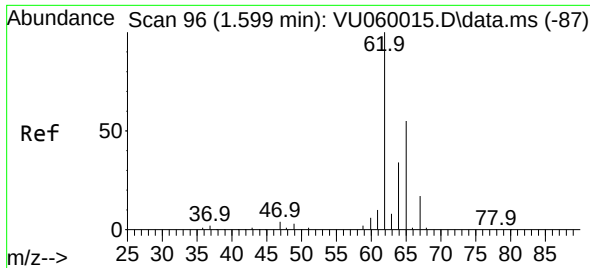
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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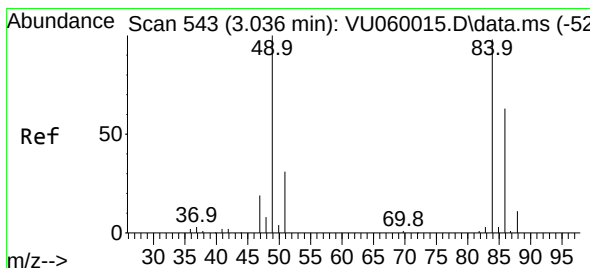
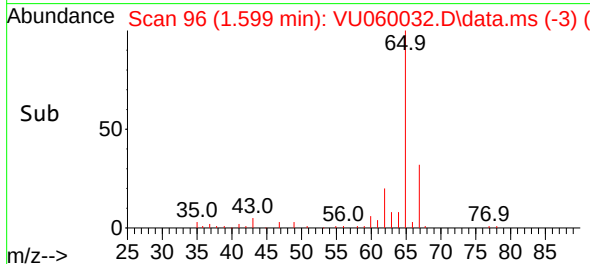
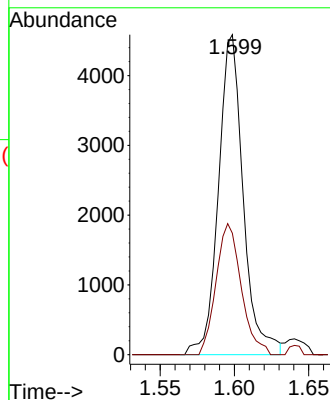
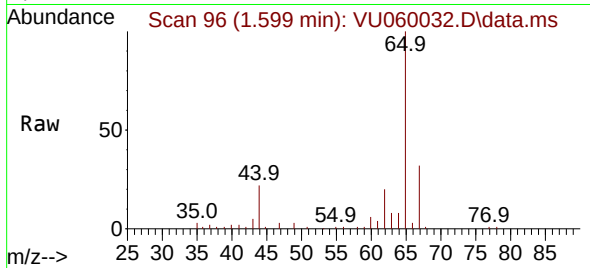




#5
 Vinyl chloride
 Concen: 0.391 ug/L
 RT: 1.599 min Scan# 96
 Delta R.T. -0.000 min
 Lab File: VU060032.D
 Acq: 18 Jul 2024 21:11

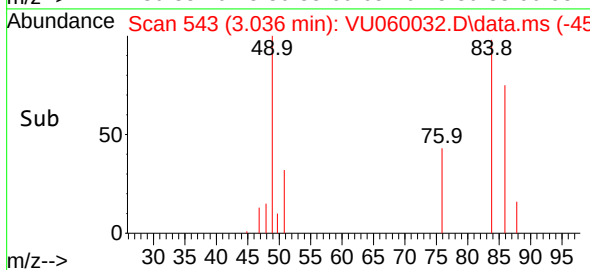
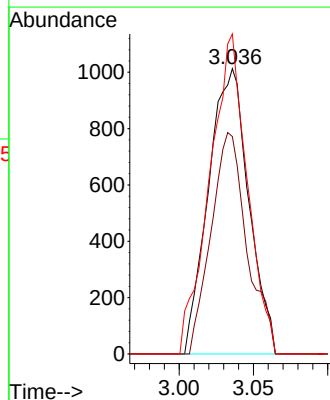
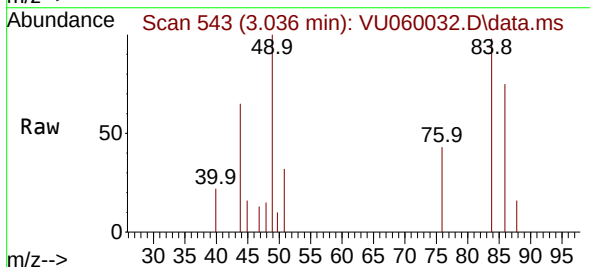
Instrument :
 MSVOA_U
 ClientSampleId :
 YDZC3

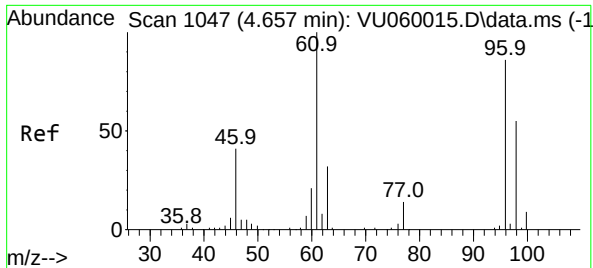
Tgt Ion: 62 Resp: 5324
 Ion Ratio Lower Upper
 62 100
 64 37.9 22.8 42.4



#16
 Methylene chloride
 Concen: 0.154 ug/L
 RT: 3.036 min Scan# 543
 Delta R.T. -0.000 min
 Lab File: VU060032.D
 Acq: 18 Jul 2024 21:11

Tgt Ion: 84 Resp: 1913
 Ion Ratio Lower Upper
 84 100
 86 76.2 44.4 82.5
 49 112.1 72.0 133.6

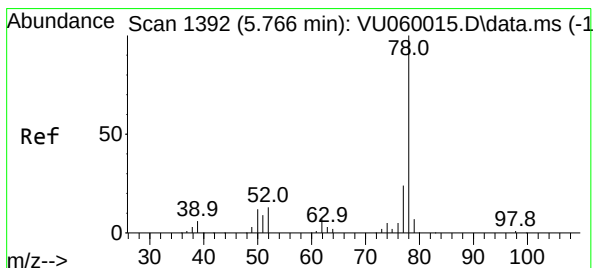
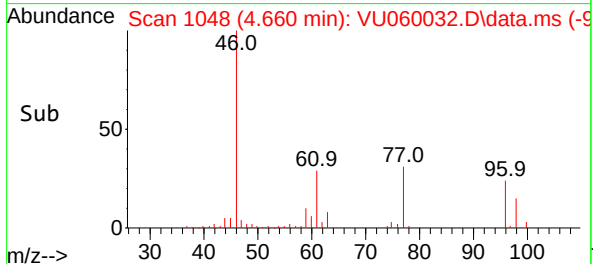
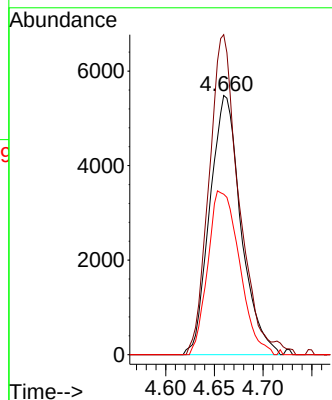
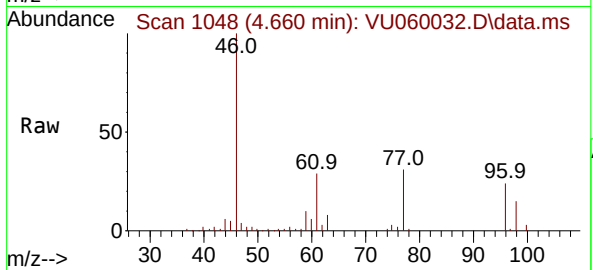




#22
cis-1,2-Dichloroethene
Concen: 1.030 ug/L
RT: 4.660 min Scan# 1048
Delta R.T. 0.003 min
Lab File: VU060032.D
Acq: 18 Jul 2024 21:11

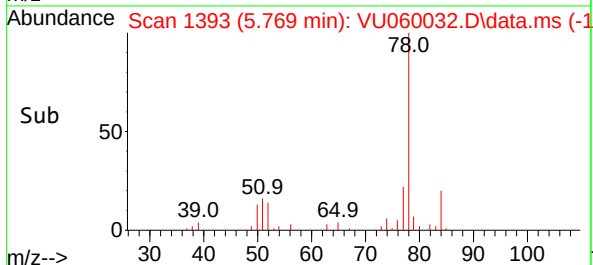
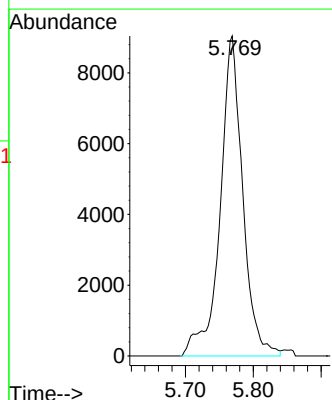
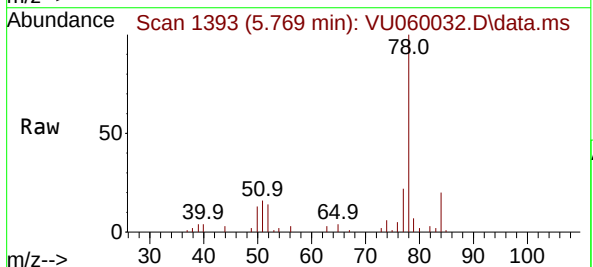
Instrument :
MSVOA_U
ClientSampleId :
YDZC3

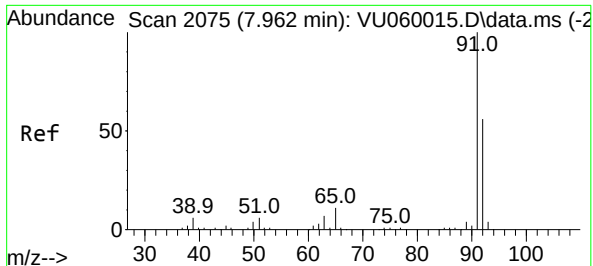
Tgt Ion: 96 Resp: 12180
Ion Ratio Lower Upper
96 100
61 123.4 80.2 148.9
98 61.9 44.7 83.1



#33
Benzene
Concen: 0.463 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. 0.003 min
Lab File: VU060032.D
Acq: 18 Jul 2024 21:11

Tgt Ion: 78 Resp: 20913





#42

Toluene

Concen: 0.706 ug/L

RT: 7.965 min Scan# 2075

Delta R.T. 0.003 min

Lab File: VU060032.D

Acq: 18 Jul 2024 21:11

Instrument :

MSVOA_U

ClientSampleId :

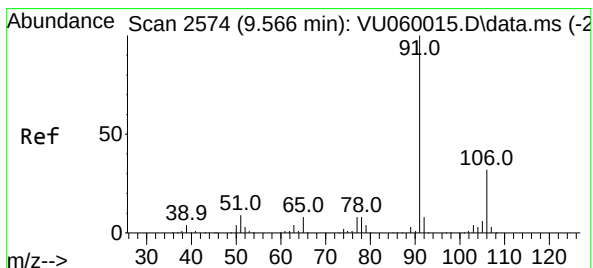
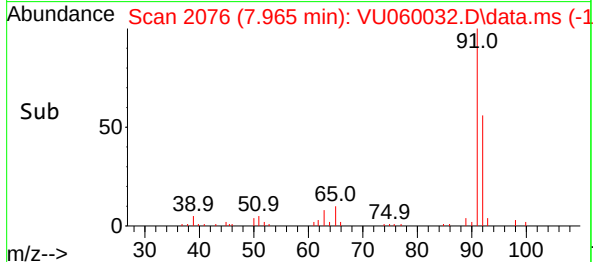
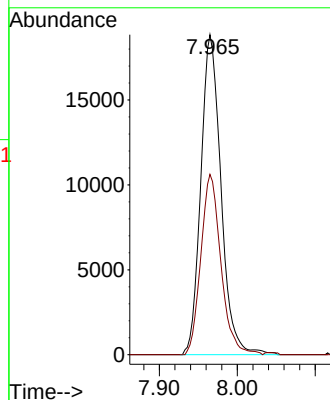
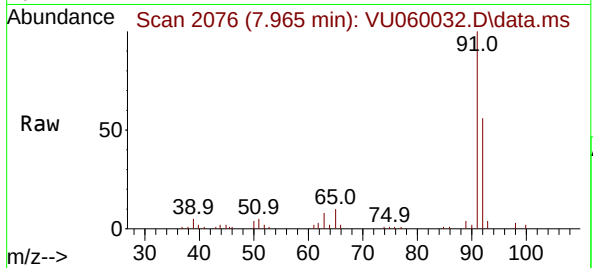
YDZC3

Tgt Ion: 91 Resp: 33946

Ion Ratio Lower Upper

91 100

92 56.3 39.8 73.8



#52

Ethylbenzene

Concen: 0.357 ug/L

RT: 9.566 min Scan# 2574

Delta R.T. -0.000 min

Lab File: VU060032.D

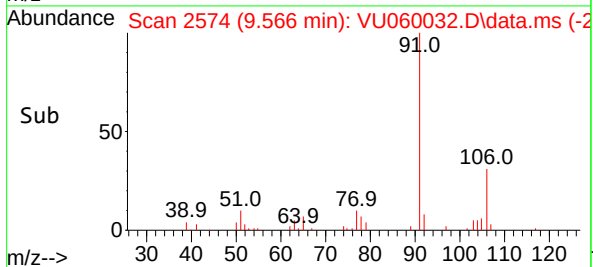
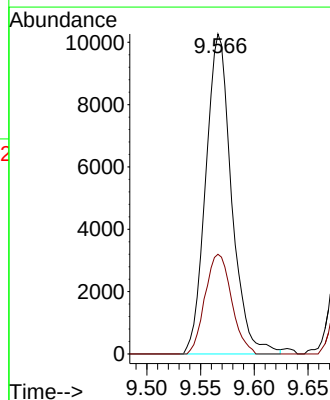
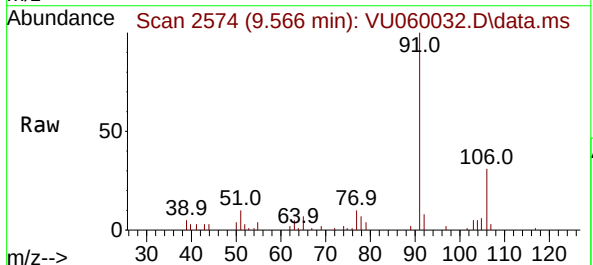
Acq: 18 Jul 2024 21:11

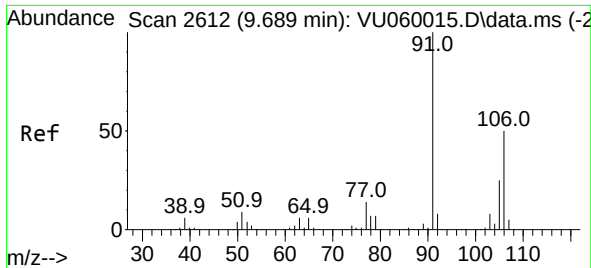
Tgt Ion: 91 Resp: 17116

Ion Ratio Lower Upper

91 100

106 31.1 21.9 40.7

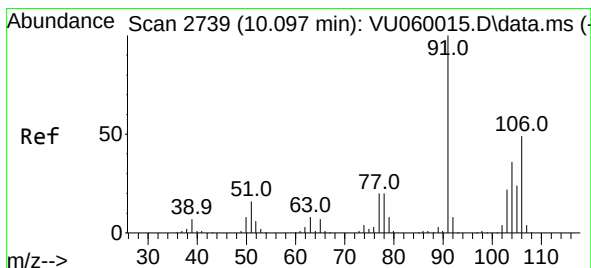
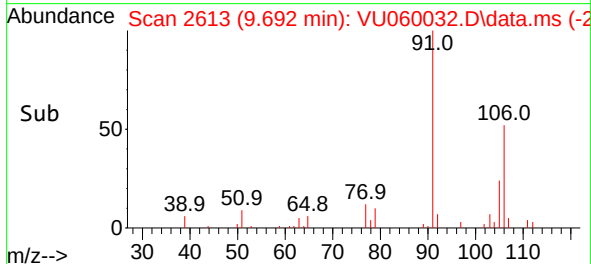
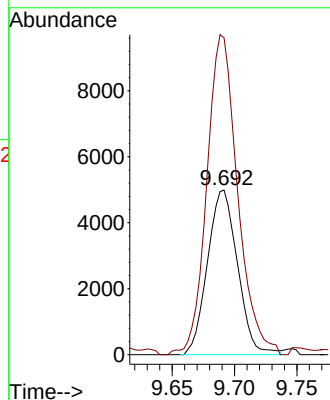
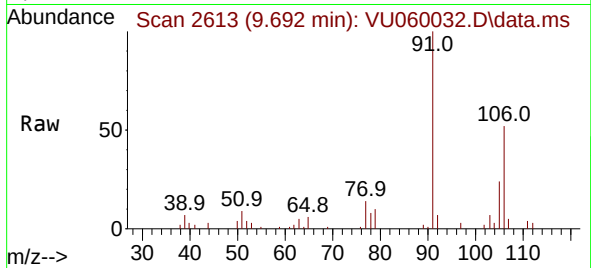




#53
m,p-Xylene
Concen: 0.452 ug/L
RT: 9.692 min Scan# 2613
Delta R.T. 0.003 min
Lab File: VU060032.D
Acq: 18 Jul 2024 21:11

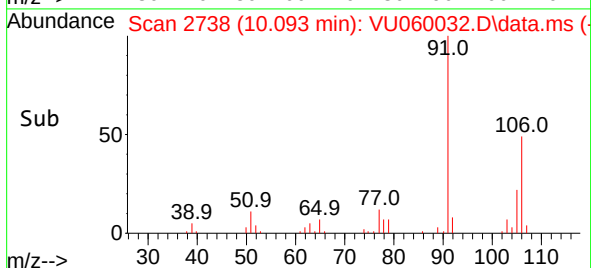
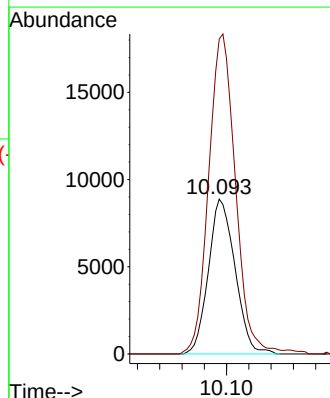
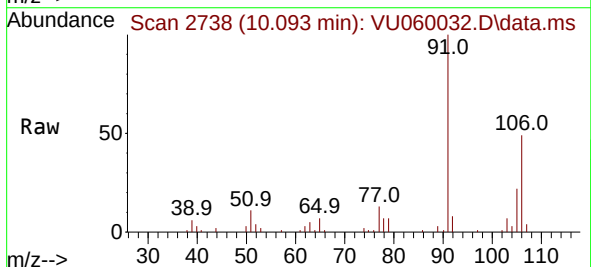
Instrument :
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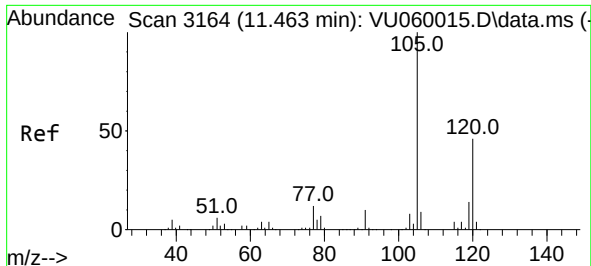
Tgt Ion:106 Resp: 8371
Ion Ratio Lower Upper
106 100
91 192.5 141.3 262.5



#54
o-Xylene
Concen: 0.834 ug/L
RT: 10.093 min Scan# 2738
Delta R.T. -0.003 min
Lab File: VU060032.D
Acq: 18 Jul 2024 21:11

Tgt Ion:106 Resp: 14760
Ion Ratio Lower Upper
106 100
91 203.3 143.6 266.6

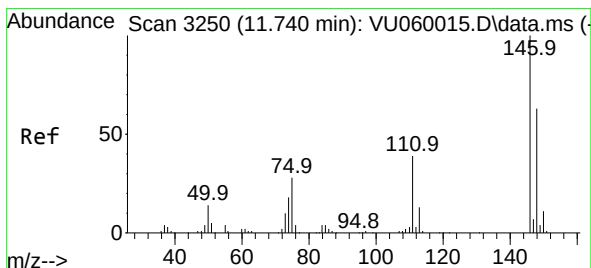
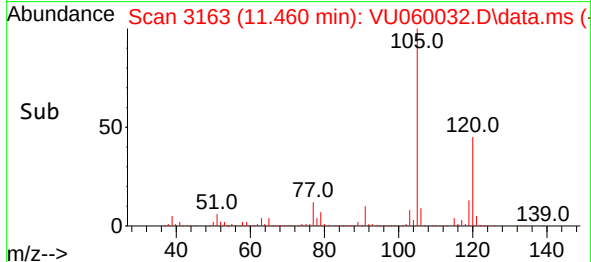
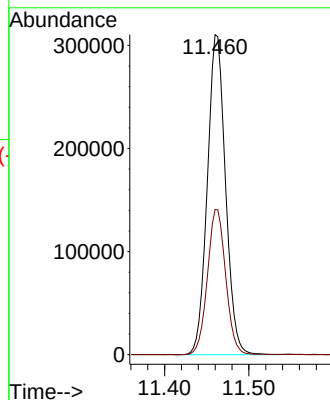
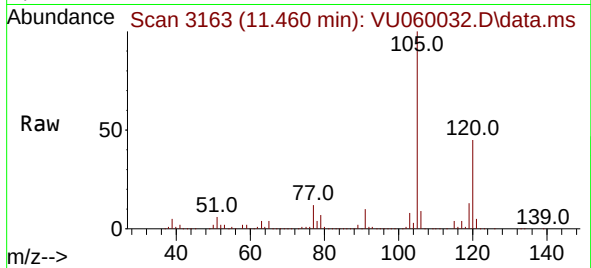




#63
1,2,4-Trimethylbenzene
Concen: 12.536 ug/L
RT: 11.460 min Scan# 3164
Delta R.T. -0.003 min
Lab File: VU060032.D
Acq: 18 Jul 2024 21:11

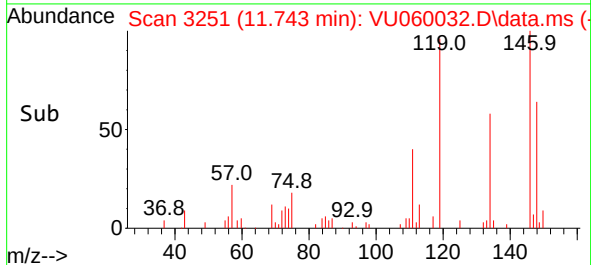
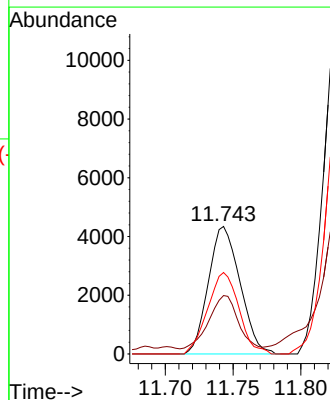
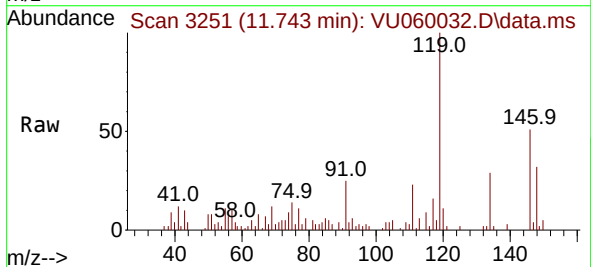
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ClientSampleId :
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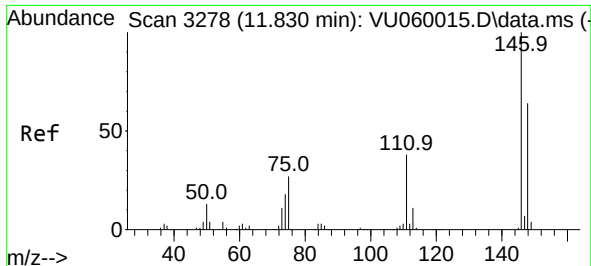
Tgt Ion:105 Resp: 466582
Ion Ratio Lower Upper
105 100
120 45.7 36.7 55.1



#64
1,3-Dichlorobenzene
Concen: 0.260 ug/L
RT: 11.743 min Scan# 3251
Delta R.T. 0.003 min
Lab File: VU060032.D
Acq: 18 Jul 2024 21:11

Tgt Ion:146 Resp: 7049
Ion Ratio Lower Upper
146 100
111 45.7 27.2 50.4
148 66.9 44.3 82.3

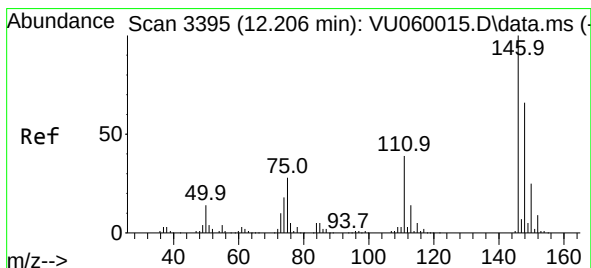
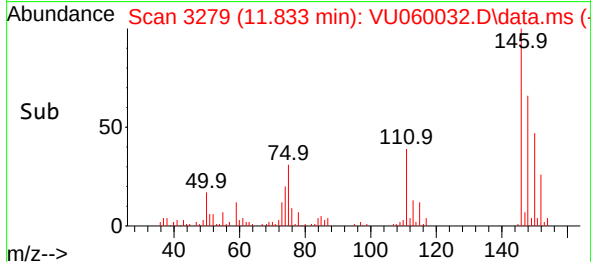
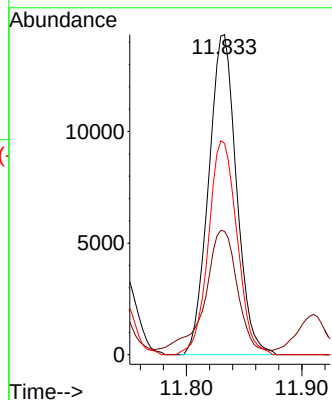
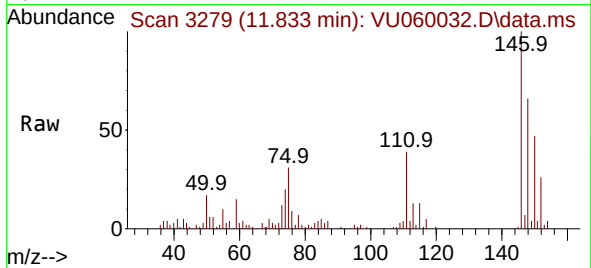




#65
1,4-Dichlorobenzene
Concen: 0.871 ug/L
RT: 11.833 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU060032.D
Acq: 18 Jul 2024 21:11

Instrument :
MSVOA_U
ClientSampleId :
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Tgt Ion:146 Resp: 24059
Ion Ratio Lower Upper
146 100
111 38.5 26.5 49.1
148 66.1 45.3 84.1



#67
1,2-Dichlorobenzene
Concen: 4.306 ug/L
RT: 12.206 min Scan# 3395
Delta R.T. -0.000 min
Lab File: VU060032.D
Acq: 18 Jul 2024 21:11

Tgt Ion:146 Resp: 111791
Ion Ratio Lower Upper
146 100
111 39.7 30.9 46.3
148 66.5 49.8 74.8

