

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100521\
 Data File : VU045141.D
 Acq On : 05 Oct 2021 13:47
 Operator : SY/MD
 Sample : M4000-09DL 10X
 Misc : 5.08g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW904DL

Quant Time: Oct 06 01:44:48 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 06 01:40:56 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	283107	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	267938	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	140268	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	121178	39.100	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.200%
7) Chloroethane-d5	1.896	69	55480	22.590	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	45.180%#
11) 1,1-Dichloroethene-d2	2.565	63	171197	32.893	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.780%
21) 2-Butanone-d5	4.633	46	241537	98.581	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.580%
24) Chloroform-d	5.067	84	216734	44.278	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.560%
26) 1,2-Dichloroethane-d4	5.707	65	154335	46.548	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.100%
32) Benzene-d6	5.729	84	461845	49.675	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.340%
36) 1,2-Dichloropropane-d6	6.694	67	146970	48.480	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.960%
41) Toluene-d8	7.903	98	420826	52.449	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.900%
43) trans-1,3-Dichloroprop...	8.182	79	70515	52.291	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	104.580%
47) 2-Hexanone-d5	8.642	63	189872	113.019	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	113.020%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	251432	53.262	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	106.520%
66) 1,2-Dichlorobenzene-d4	12.198	152	162169	53.125	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.240%
Target Compounds						
					Qvalue	
8) Chloroethane	1.925	64	1271	0.612	ug/L #	63
29) Cyclohexane	5.388	56	75419	18.726	ug/L	91
35) Methylcyclohexane	6.764	83	282756	70.756	ug/L	96
37) 1,2-Dichloropropane	6.761	63	2991	1.105	ug/L #	38
42) Toluene	7.973	91	12251	1.213	ug/L	100
44) trans-1,3-Dichloropropene	8.182	75	3145	0.854	ug/L #	50
45) 1,1,2-Trichloroethane	8.372	97	67863	27.676	ug/L #	18
48) 2-Hexanone	8.639	43	229615	57.288	ug/L #	27
52) Ethylbenzene	9.575	91	214344	20.095	ug/L	99
53) m,p-Xylene	9.697	106	261593	64.738	ug/L	99
54) o-xylene	10.105	106	10711	2.697	ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.764	83	16561	3.527	ug/L #	68
61) Isopropylbenzene	10.488	105	87955	8.568	ug/L	97
62) 1,3,5-Trimethylbenzene	11.092	105	240288	28.028	ug/L	100
63) 1,2,4-Trimethylbenzene	11.472	105	561980	64.015	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.973	75	1161	1.041	ug/L #	32
71) Naphthalene	14.089	128	209186	22.065	ug/L	97

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QLast Update : Wed Oct 06 01:40:56 2021
Response via : Initial Calibration

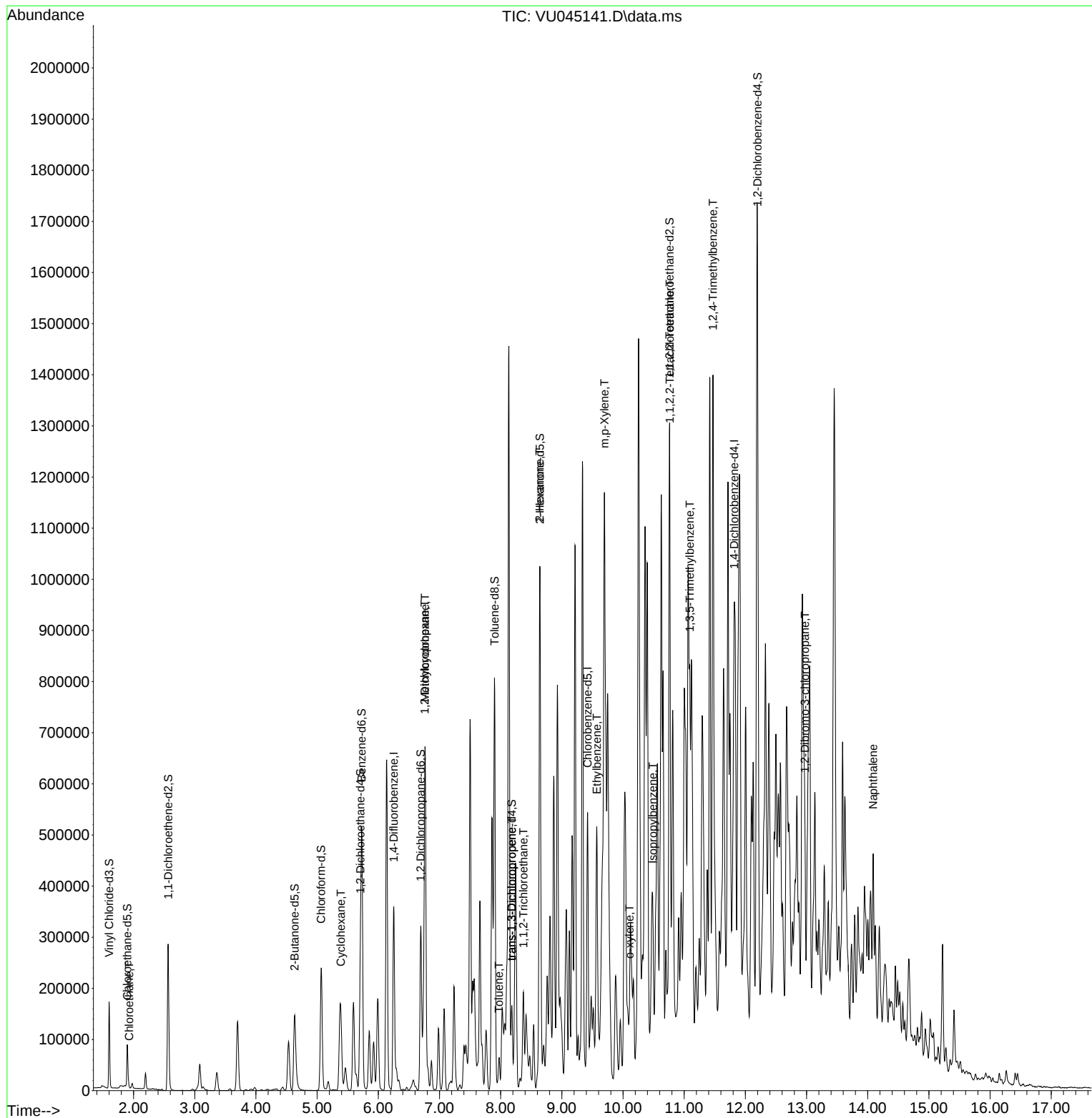
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

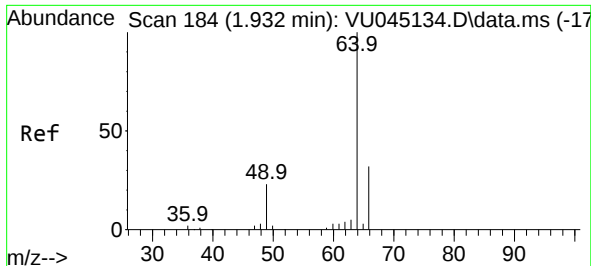
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

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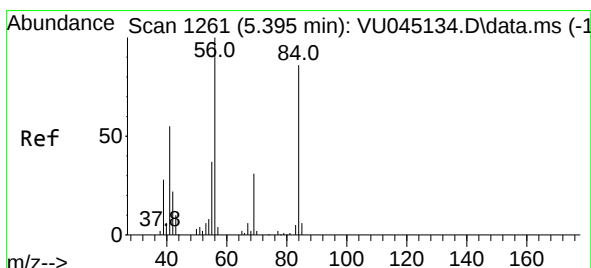
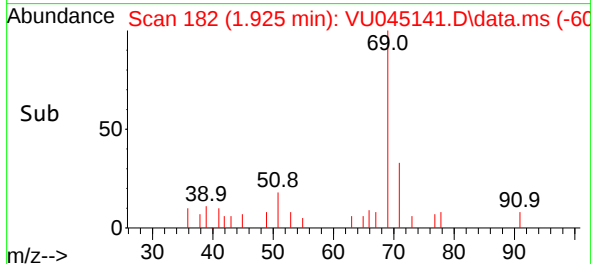
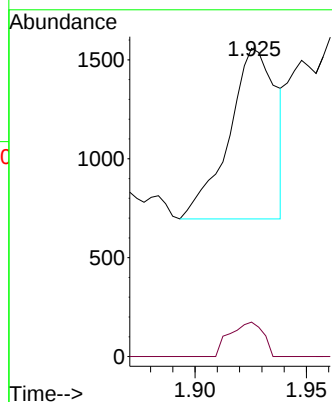
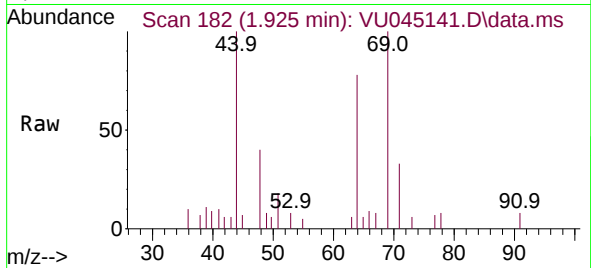




#8
Chloroethane
Concen: 0.612 ug/L
RT: 1.925 min Scan# 182
Delta R.T. -0.006 min
Lab File: VU045141.D
Acq: 05 Oct 2021 13:47

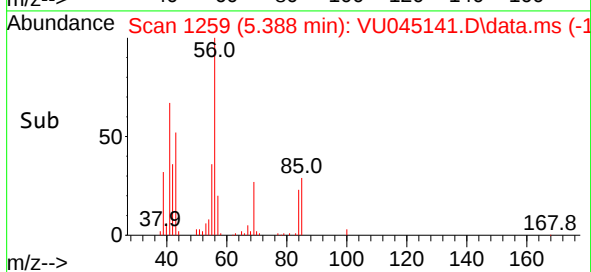
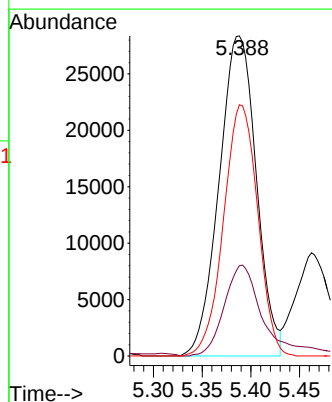
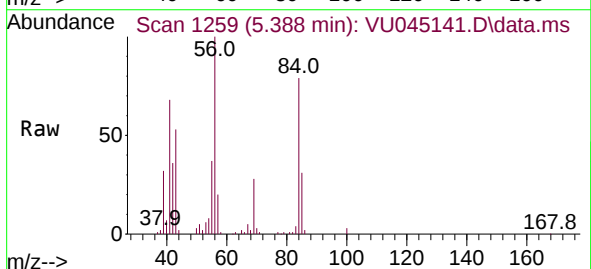
Instrument :
MSVOA_U
ClientSampleId :
EW904DL

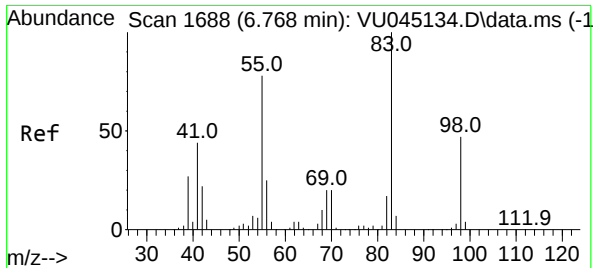
Tgt Ion: 64 Resp: 1271
Ion Ratio Lower Upper
64 100
66 11.2 22.3 41.3#



#29
Cyclohexane
Concen: 18.726 ug/L
RT: 5.388 min Scan# 1259
Delta R.T. -0.006 min
Lab File: VU045141.D
Acq: 05 Oct 2021 13:47

Tgt Ion: 56 Resp: 75419
Ion Ratio Lower Upper
56 100
69 29.7 23.8 35.8
84 72.0 66.8 100.2

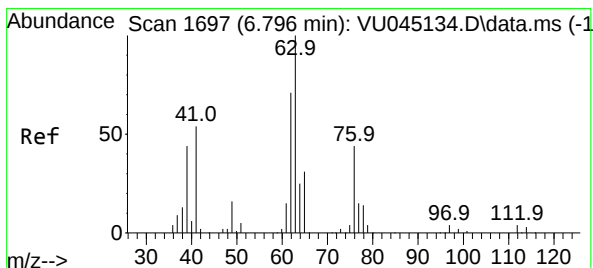
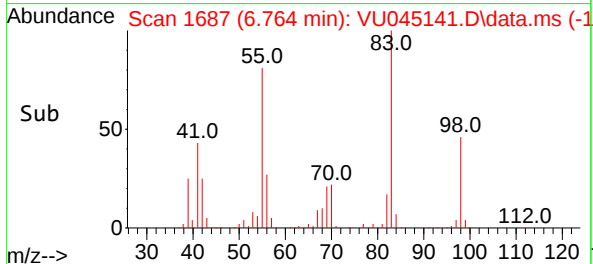
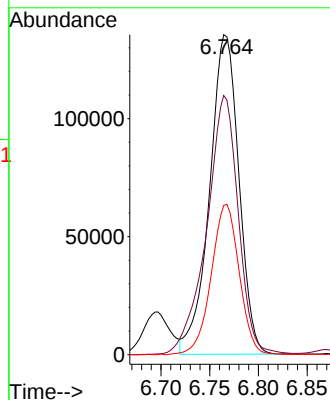
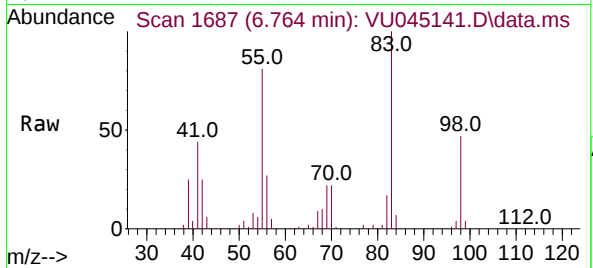




#35
Methylcyclohexane
Concen: 70.756 ug/L
RT: 6.764 min Scan# 1687
Delta R.T. -0.003 min
Lab File: VU045141.D
Acq: 05 Oct 2021 13:47

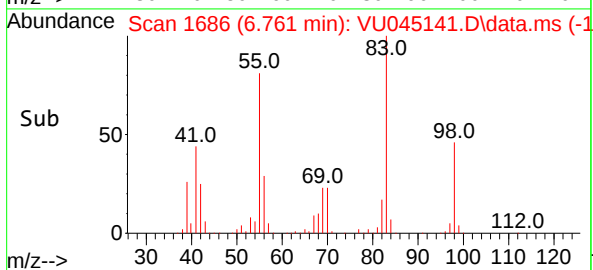
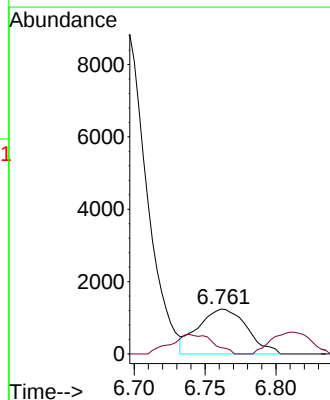
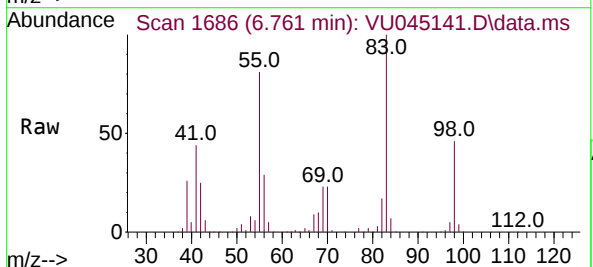
Instrument :
MSVOA_U
ClientSampleId :
EW904DL

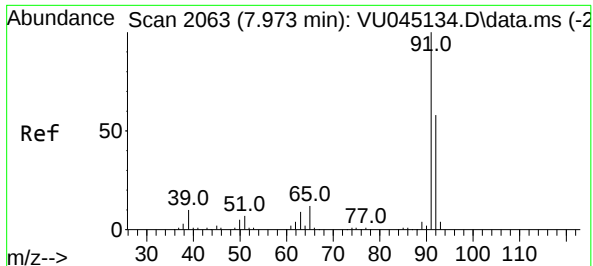
Tgt Ion:	83	Resp:	282756
Ion	Ratio	Lower	Upper
83	100		
55	87.5	65.8	98.6
98	45.1	37.1	55.7



#37
1,2-Dichloropropane
Concen: 1.105 ug/L
RT: 6.761 min Scan# 1686
Delta R.T. -0.035 min
Lab File: VU045141.D
Acq: 05 Oct 2021 13:47

Tgt Ion:	63	Resp:	2991
Ion	Ratio	Lower	Upper
63	100		
112	24.4	3.2	4.8#

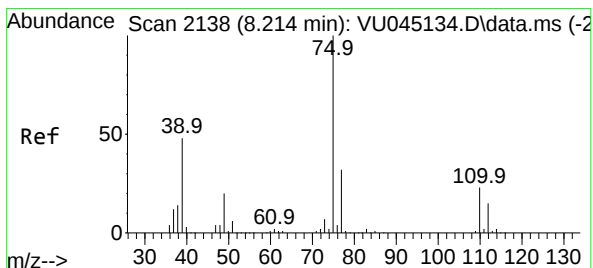
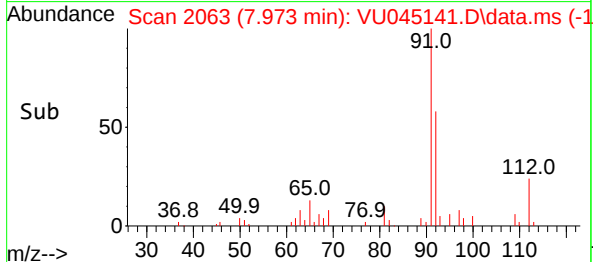
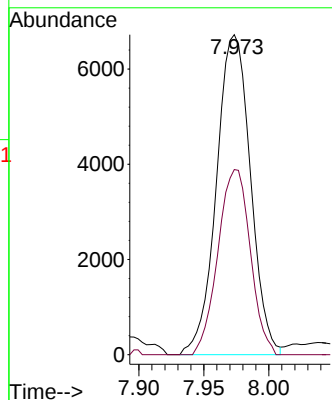
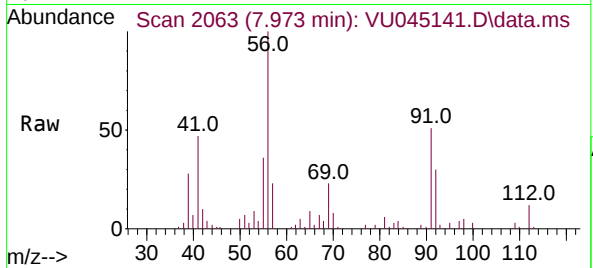




#42
Toluene
Concen: 1.213 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VU045141.D
Acq: 05 Oct 2021 13:47

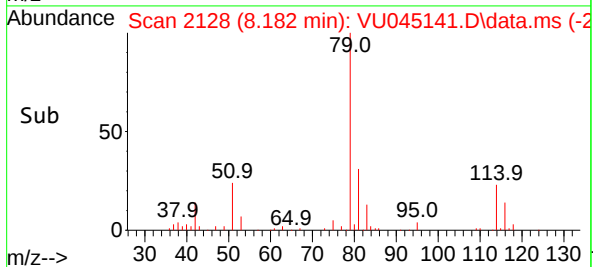
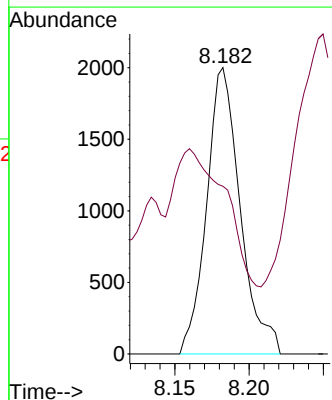
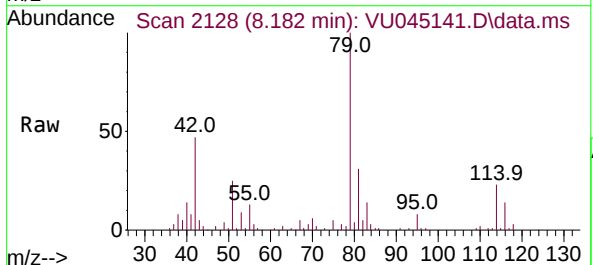
Instrument :
MSVOA_U
ClientSampled :
EW904DL

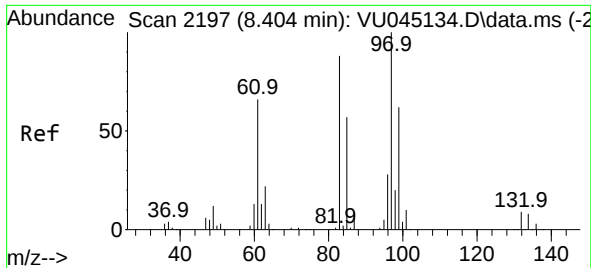
Tgt Ion: 91 Resp: 12251
Ion Ratio Lower Upper
91 100
92 57.9 40.5 75.1



#44
trans-1,3-Dichloropropene
Concen: 0.854 ug/L
RT: 8.182 min Scan# 2128
Delta R.T. -0.032 min
Lab File: VU045141.D
Acq: 05 Oct 2021 13:47

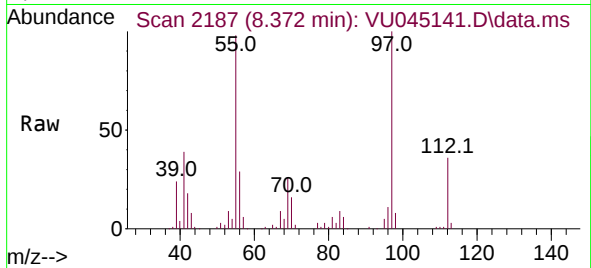
Tgt Ion: 75 Resp: 3145
Ion Ratio Lower Upper
75 100
77 58.6 21.7 40.3#



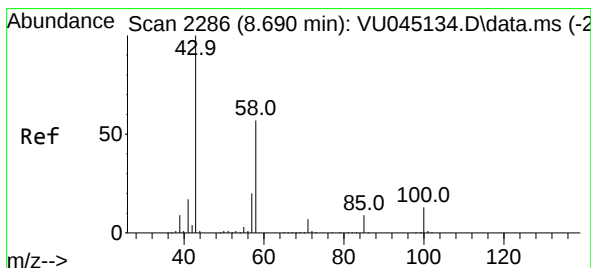
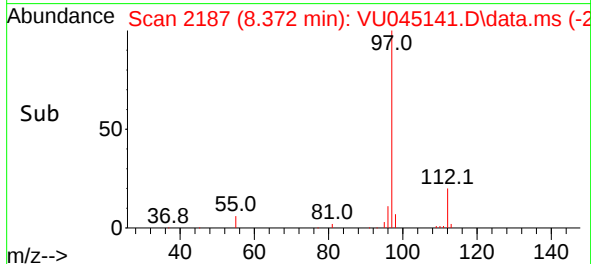
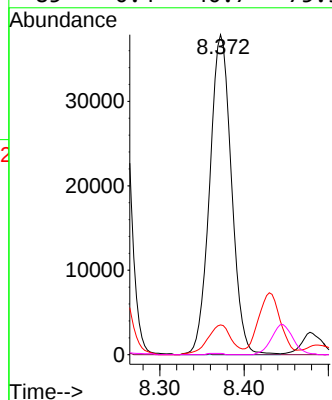


#45
1,1,2-Trichloroethane
Concen: 27.676 ug/L
RT: 8.372 min Scan# 2187
Delta R.T. -0.032 min
Lab File: VU045141.D
Acq: 05 Oct 2021 13:47

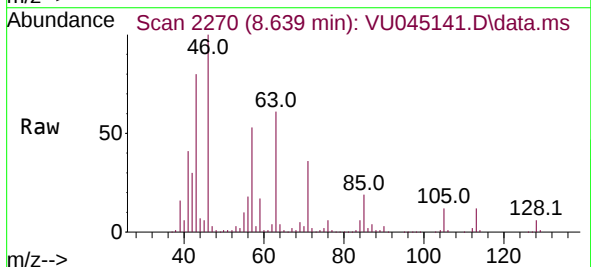
Instrument :
MSVOA_U
ClientSampleID :
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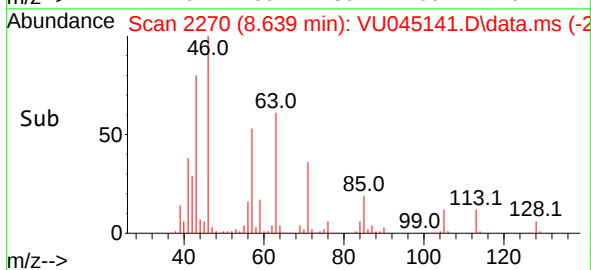
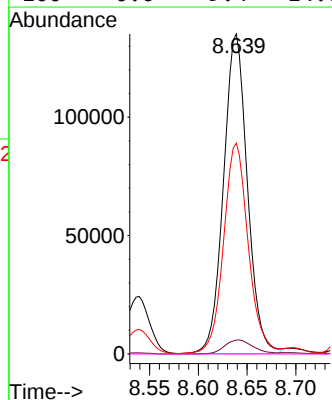
Tgt Ion:	97	Resp:	67863
Ion	Ratio	Lower	Upper
97	100		
99	0.0	43.7	81.1#
83	9.3	61.9	115.1#
85	0.4	40.7	75.5#

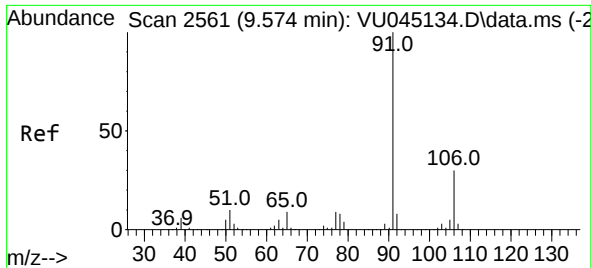


#48
2-Hexanone
Concen: 57.288 ug/L
RT: 8.639 min Scan# 2270
Delta R.T. -0.051 min
Lab File: VU045141.D
Acq: 05 Oct 2021 13:47



Tgt Ion:	43	Resp:	229615
Ion	Ratio	Lower	Upper
43	100		
58	5.3	44.9	67.3#
57	68.2	15.5	23.3#
100	0.0	9.4	14.0#

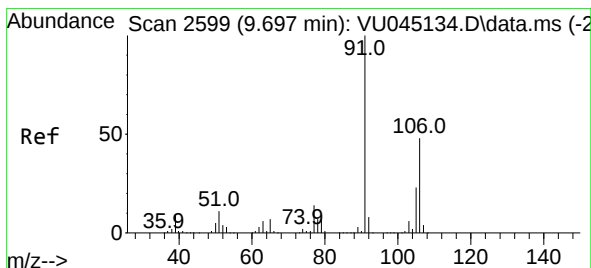
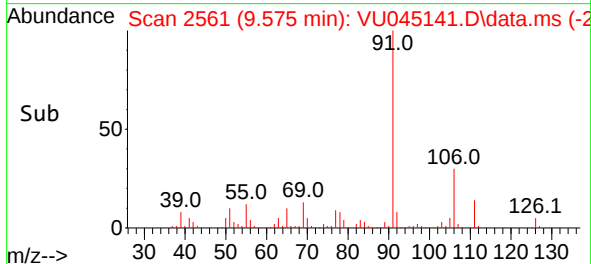
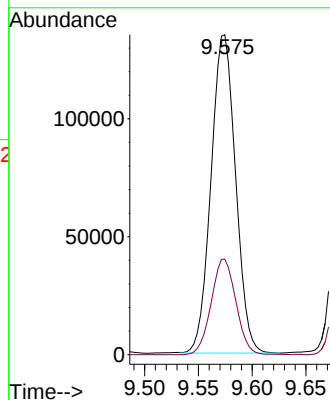
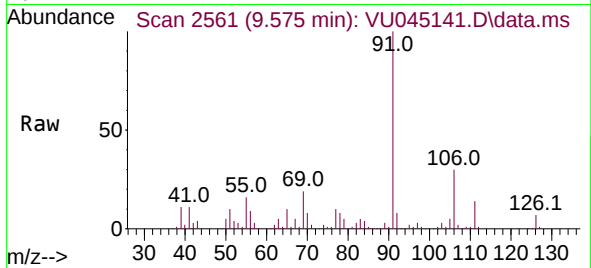




#52
Ethylbenzene
Concen: 20.095 ug/L
RT: 9.575 min Scan# 2561
Delta R.T. 0.000 min
Lab File: VU045141.D
Acq: 05 Oct 2021 13:47

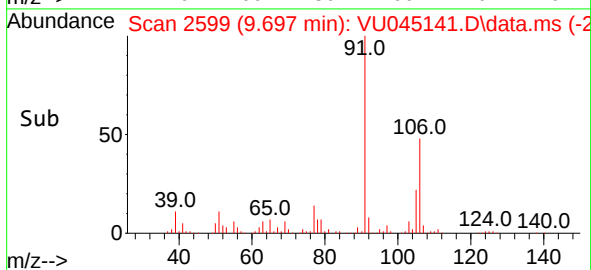
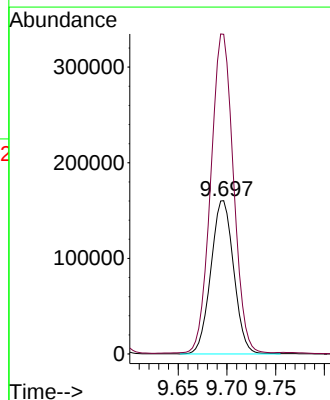
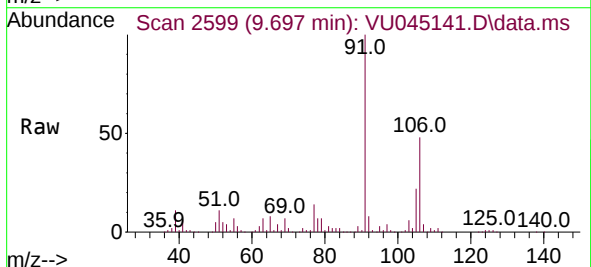
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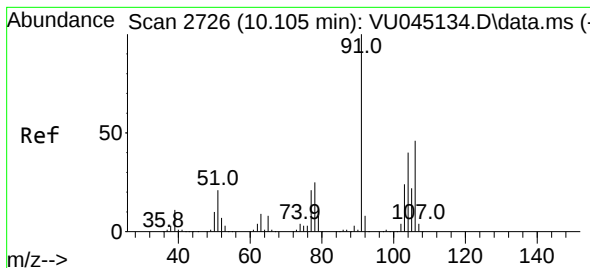
Tgt Ion: 91 Resp: 214344
Ion Ratio Lower Upper
91 100
106 29.9 21.2 39.4



#53
m,p-Xylene
Concen: 64.738 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. 0.000 min
Lab File: VU045141.D
Acq: 05 Oct 2021 13:47

Tgt Ion: 106 Resp: 261593
Ion Ratio Lower Upper
106 100
91 208.5 146.7 272.4

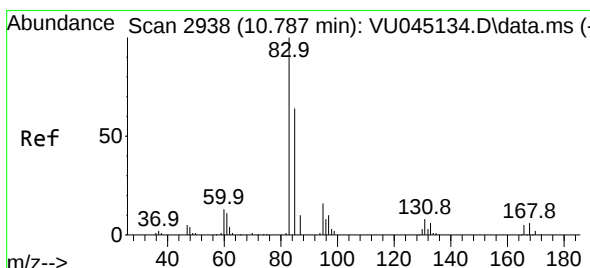
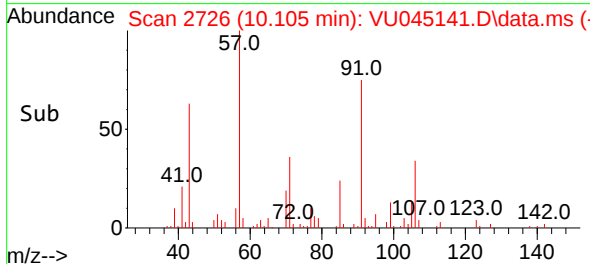
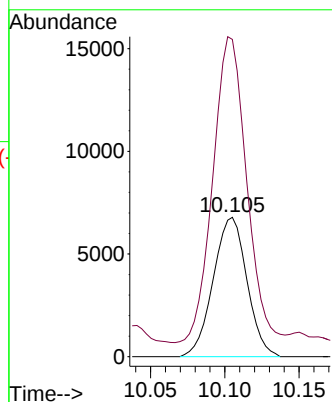
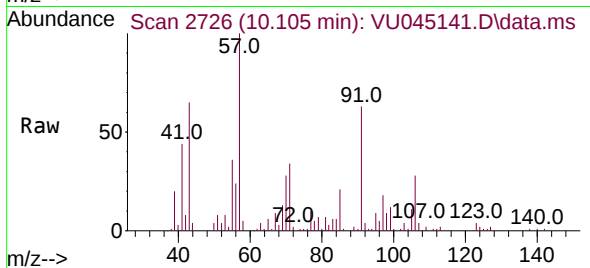




#54
o-xylene
Concen: 2.697 ug/L
RT: 10.105 min Scan# 2726
Delta R.T. 0.000 min
Lab File: VU045141.D
Acq: 05 Oct 2021 13:47

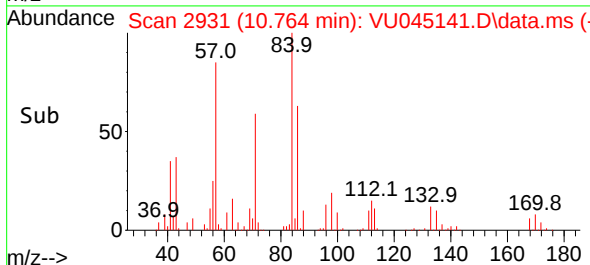
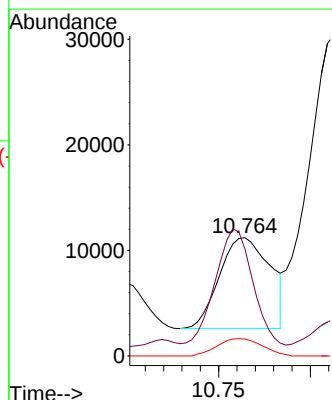
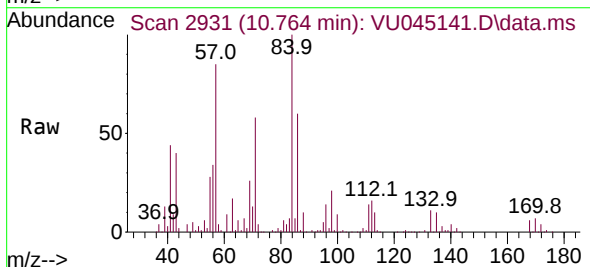
Instrument :
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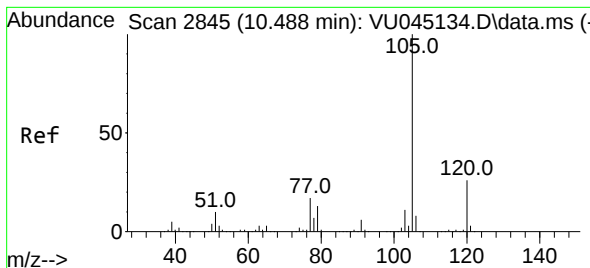
Tgt Ion:106 Resp: 10711
Ion Ratio Lower Upper
106 100
91 227.7 152.9 283.9



#57
1,1,2,2-Tetrachloroethane
Concen: 3.527 ug/L
RT: 10.764 min Scan# 2931
Delta R.T. -0.022 min
Lab File: VU045141.D
Acq: 05 Oct 2021 13:47

Tgt Ion: 83 Resp: 16561
Ion Ratio Lower Upper
83 100
85 90.9 45.1 83.7#
131 14.3 6.9 10.3#





#61

Isopropylbenzene

Concen: 8.568 ug/L

RT: 10.488 min Scan# 2845

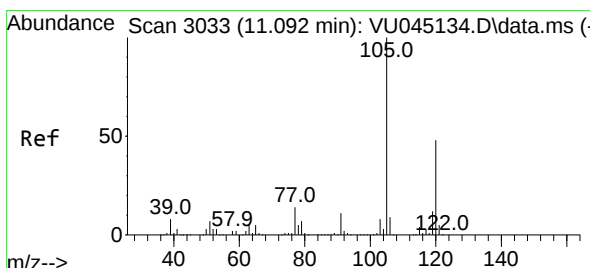
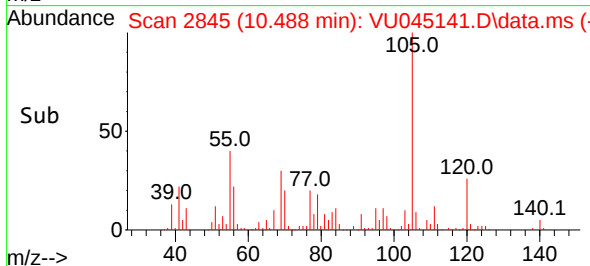
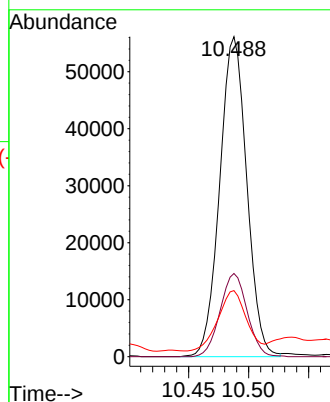
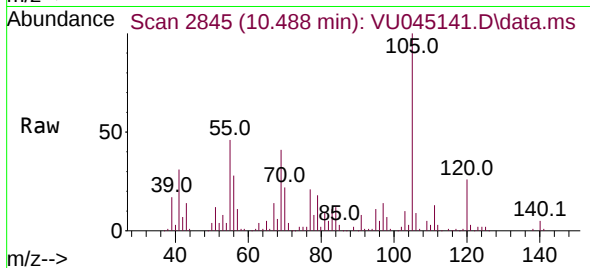
Delta R.T. 0.000 min

Lab File: VU045141.D

Acq: 05 Oct 2021 13:47

Tgt Ion:	105	Resp:	87955
Ion	Ratio	Lower	Upper
105	100		
120	26.0	20.5	30.7
77	19.7	13.5	20.3

Instrument :
MSVOA_U
ClientSampleId :
EW904DL



#62

1,3,5-Trimethylbenzene

Concen: 28.028 ug/L

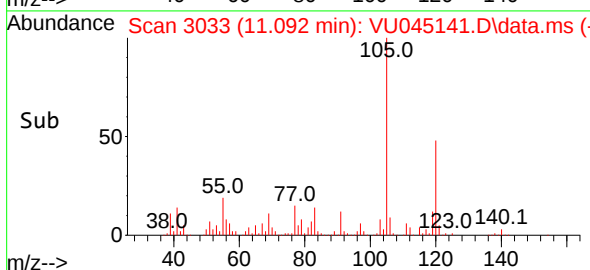
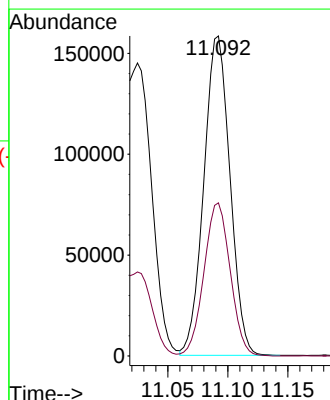
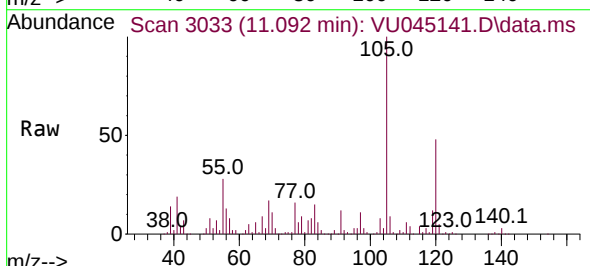
RT: 11.092 min Scan# 3033

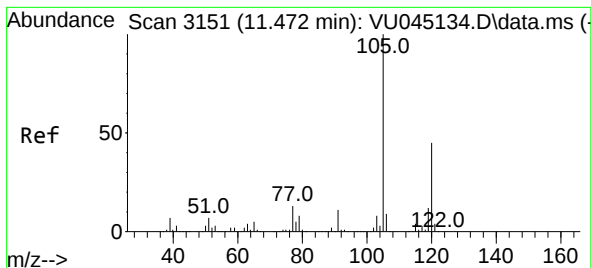
Delta R.T. 0.000 min

Lab File: VU045141.D

Acq: 05 Oct 2021 13:47

Tgt Ion:	105	Resp:	240288
Ion	Ratio	Lower	Upper
105	100		
120	48.2	38.8	58.2

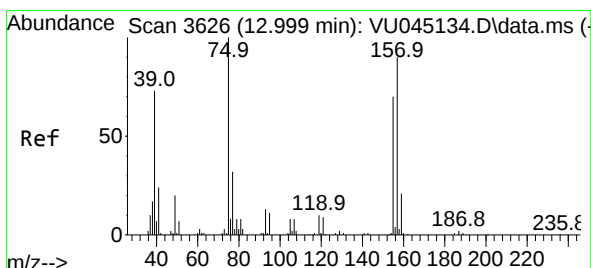
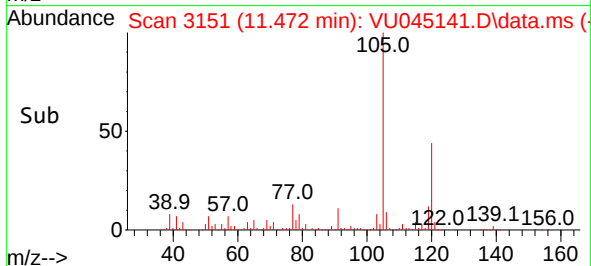
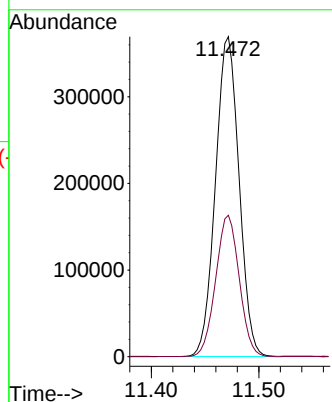
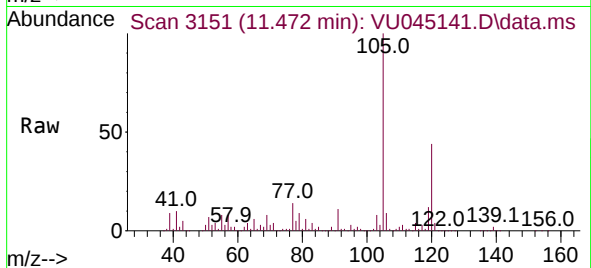




#63
1,2,4-Trimethylbenzene
Concen: 64.015 ug/L
RT: 11.472 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VU045141.D
Acq: 05 Oct 2021 13:47

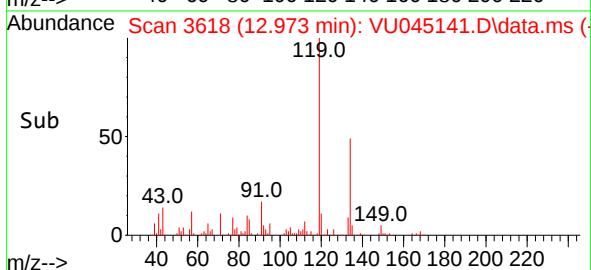
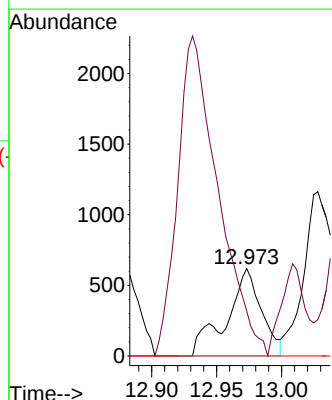
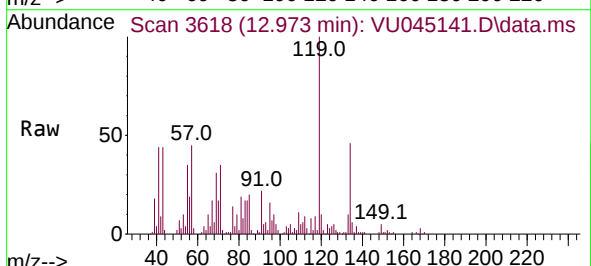
Instrument :
MSVOA_U
ClientSampleId :
EW904DL

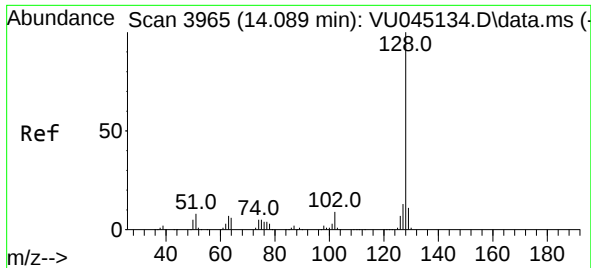
Tgt Ion:105 Resp: 561980
Ion Ratio Lower Upper
105 100
120 44.2 35.7 53.5



#68
1,2-Dibromo-3-chloropropane
Concen: 1.041 ug/L
RT: 12.973 min Scan# 3618
Delta R.T. -0.026 min
Lab File: VU045141.D
Acq: 05 Oct 2021 13:47

Tgt Ion: 75 Resp: 1161
Ion Ratio Lower Upper
75 100
155 51.2 58.5 87.7#
157 0.0 77.7 116.5#





#71
Naphthalene
Concen: 22.065 ug/L
RT: 14.089 min Scan# 3965
Delta R.T. 0.000 min
Lab File: VU045141.D
Acq: 05 Oct 2021 13:47

Instrument :
MSVOA_U
ClientSampleId :
EW904DL

Tgt Ion:128 Resp: 209186
Ion Ratio Lower Upper
128 100
127 13.7 10.4 15.6
129 12.3 8.8 13.2

