

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120221\
 Data File : VU046047.D
 Acq On : 02 Dec 2021 13:13
 Operator : SY/MD
 Sample : M4868-10
 Misc : 8.68g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 03 05:10:12 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 03 05:08:36 2021
 Response via : Initial Calibration

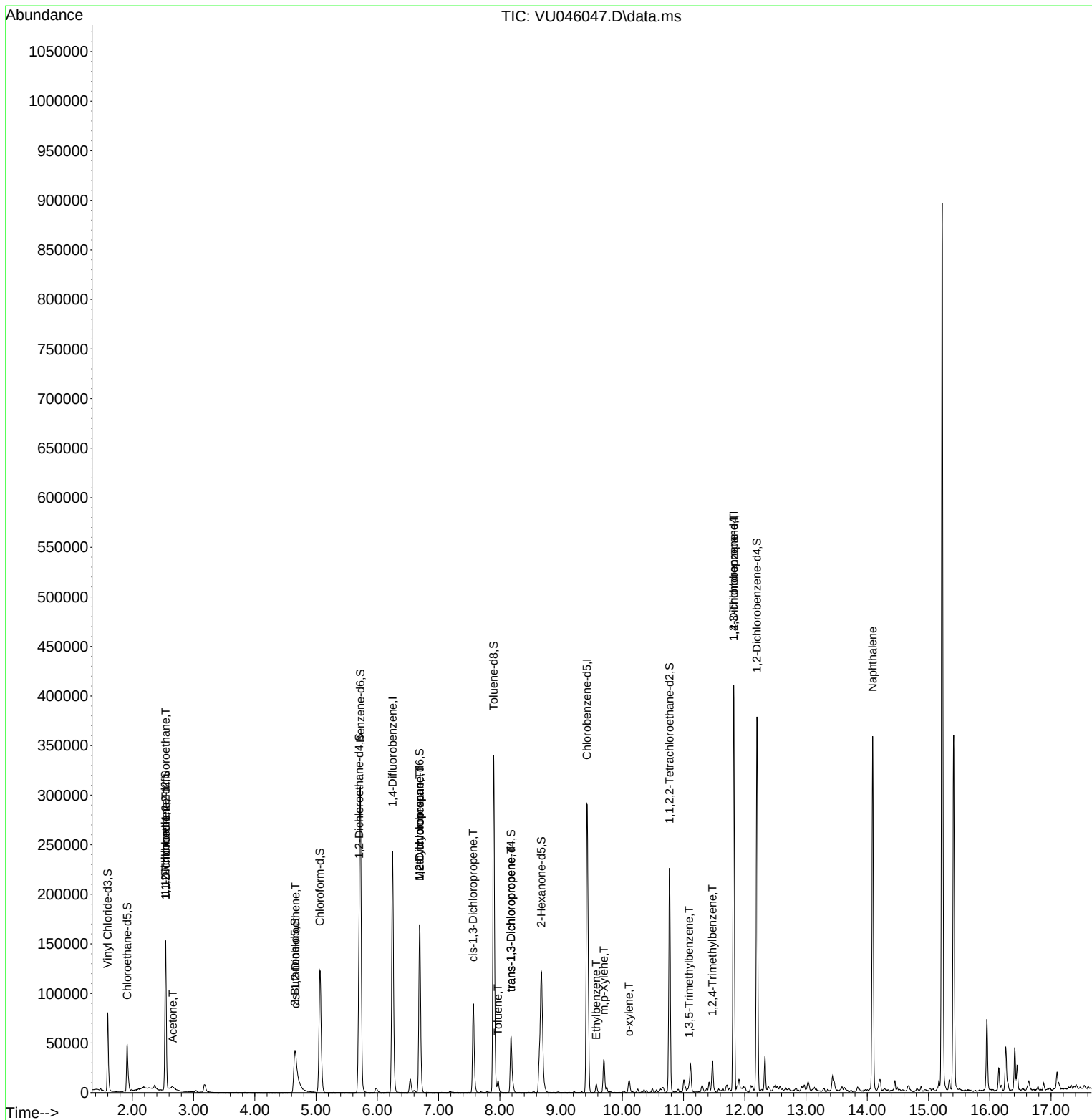
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

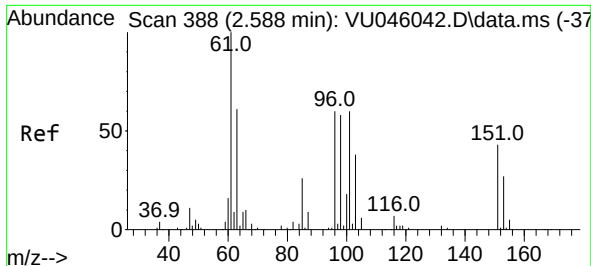
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	219628	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	215379	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	107635	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	68283	37.742	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.480%
7) Chloroethane-d5	1.915	69	47994	34.551	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	69.100%#
11) 1,1-Dichloroethene-d2	2.542	63	91785	28.261	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	56.520%#
21) 2-Butanone-d5	4.655	46	111671	77.646	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	77.650%
24) Chloroform-d	5.063	84	123980	41.036	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.080%
26) 1,2-Dichloroethane-d4	5.703	65	88314	43.556	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.120%
32) Benzene-d6	5.722	84	273953	44.378	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.760%
36) 1,2-Dichloropropane-d6	6.690	67	86317	45.117	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.240%
41) Toluene-d8	7.899	98	245739	43.721	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.440%
43) trans-1,3-Dichloroprop...	8.182	79	41367	44.791	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.580%
47) 2-Hexanone-d5	8.677	63	80630	88.888	ug/L	0.04
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.890%
56) 1,1,2,2-Tetrachloroeth...	10.770	84	116392	40.116	ug/L	0.01
Spiked Amount	50.000	Range	65 - 120	Recovery	=	80.240%
66) 1,2-Dichlorobenzene-d4	12.198	152	95360	46.004	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.000%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.546	101	748	0.468	ug/L #	21
12) 1,1-Dichloroethene	2.546	96	584	0.385	ug/L #	1
13) Acetone	2.661	43	6108	3.398	ug/L	75
20) cis-1,2-Dichloroethene	4.665	96	1662	0.953	ug/L	98
35) Methylcyclohexane	6.690	83	20781	7.804	ug/L #	20
37) 1,2-Dichloropropane	6.690	63	9420	5.516	ug/L #	86
39) cis-1,3-Dichloropropene	7.565	75	2509	0.966	ug/L #	54
42) Toluene	7.970	91	9796	1.400	ug/L	94
44) trans-1,3-Dichloropropene	8.182	75	1743	0.683	ug/L	96
52) Ethylbenzene	9.574	91	7417	0.985	ug/L	94
53) m,p-Xylene	9.700	106	11496	3.916	ug/L	97
54) o-xylene	10.108	106	3756	1.319	ug/L	79
60) 1,2,3-Trichloropropane	11.819	75	13364	5.664	ug/L #	64
62) 1,3,5-Trimethylbenzene	11.092	105	5288	0.906	ug/L	94
63) 1,2,4-Trimethylbenzene	11.475	105	17096	2.927	ug/L	99
71) Naphthalene	14.089	128	275125	36.757	ug/L	100

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

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Quant Title : VOC Analysis
QLast Update : Fri Dec 03 05:08:36 2021
Response via : Initial Calibration

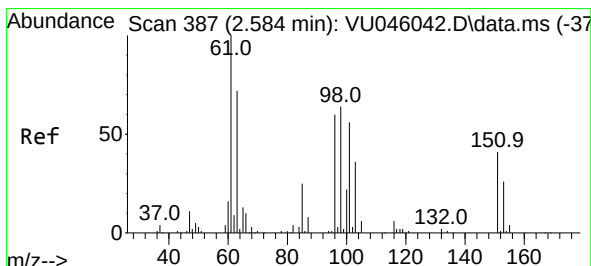
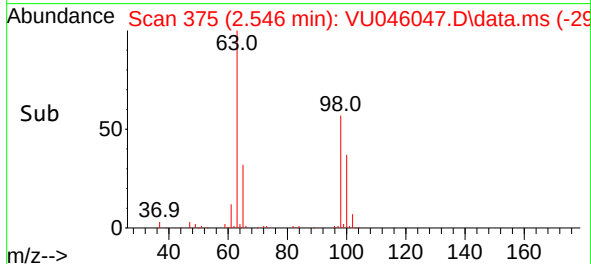
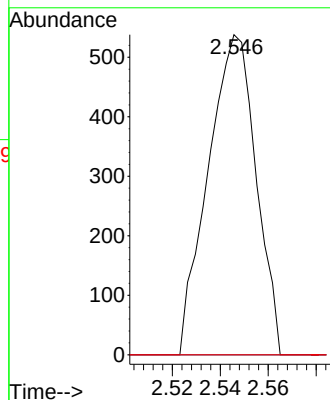
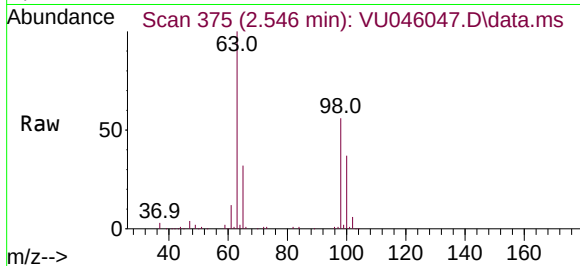




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.468 ug/L
RT: 2.546 min Scan# 375
Delta R.T. -0.042 min
Lab File: VU046047.D
Acq: 02 Dec 2021 13:13

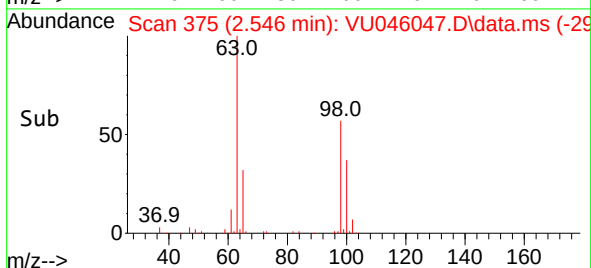
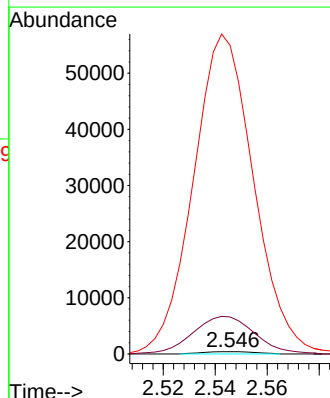
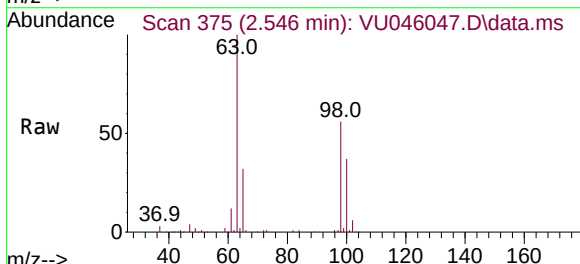
Instrument :
MSVOA_U
ClientSampleId :

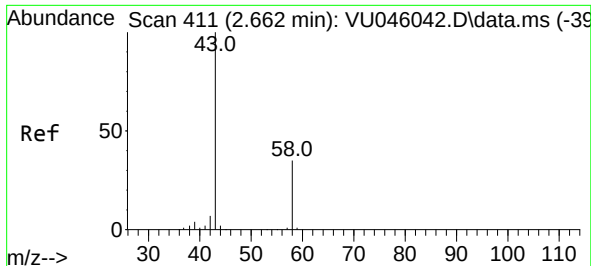
Tgt Ion:101 Resp: 748
Ion Ratio Lower Upper
101 100
85 0.0 35.1 52.7#
151 0.0 56.7 85.1#



#12
1,1-Dichloroethene
Concen: 0.385 ug/L
RT: 2.546 min Scan# 375
Delta R.T. -0.039 min
Lab File: VU046047.D
Acq: 02 Dec 2021 13:13

Tgt Ion: 96 Resp: 584
Ion Ratio Lower Upper
96 100
61 1592.5 118.6 220.2#
63 13309.4 93.0 172.8#





#13

Acetone

Concen: 3.398 ug/L

RT: 2.661 min Scan# 411

Delta R.T. -0.000 min

Lab File: VU046047.D

Acq: 02 Dec 2021 13:13

Instrument :

MSVOA_U

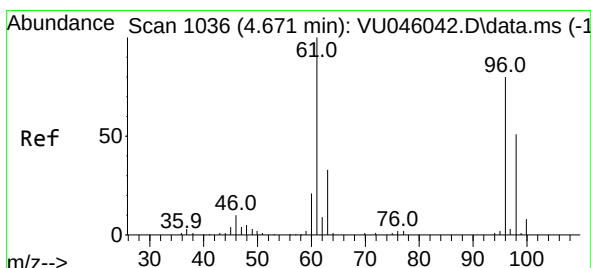
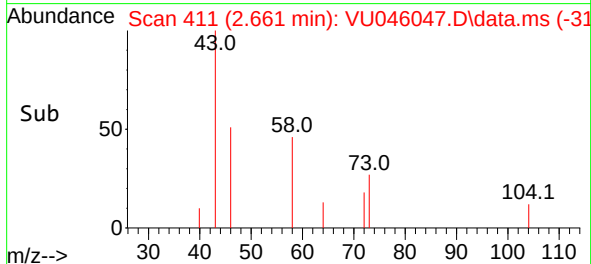
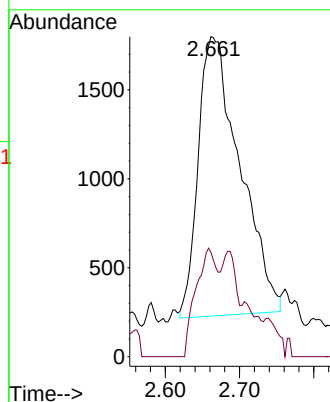
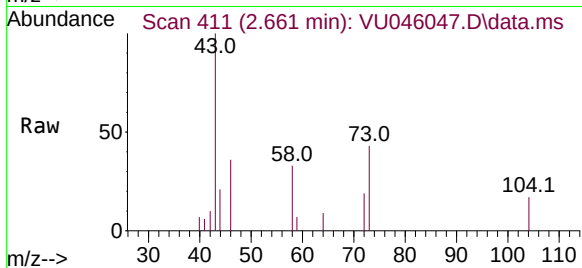
ClientSampleId :

Tgt Ion: 43 Resp: 6108

Ion Ratio Lower Upper

43 100

58 19.4 0.0 66.8



#20

cis-1,2-Dichloroethene

Concen: 0.953 ug/L

RT: 4.665 min Scan# 1034

Delta R.T. -0.007 min

Lab File: VU046047.D

Acq: 02 Dec 2021 13:13

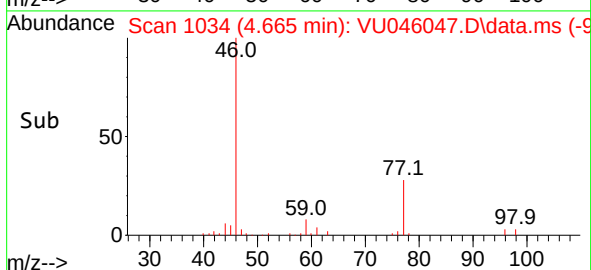
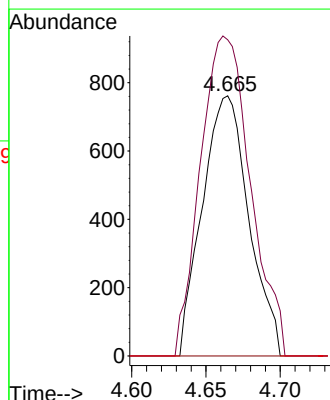
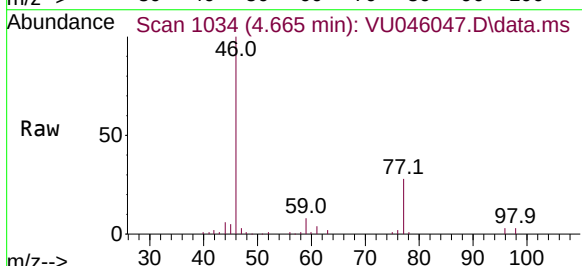
Tgt Ion: 96 Resp: 1662

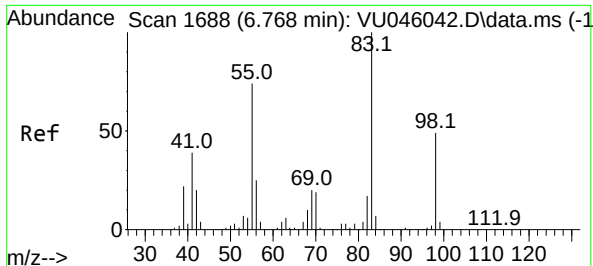
Ion Ratio Lower Upper

96 100

61 121.5 86.8 161.2

68 0.0 0.0 0.0

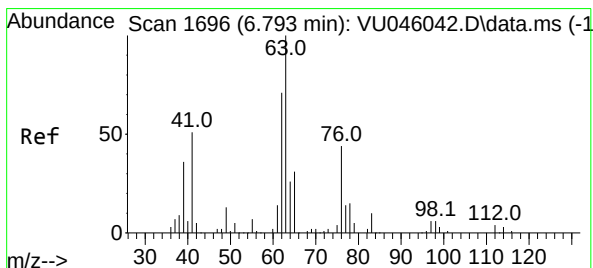
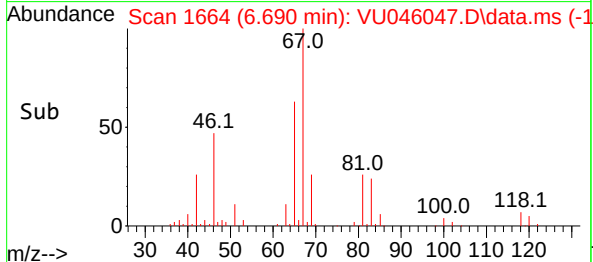
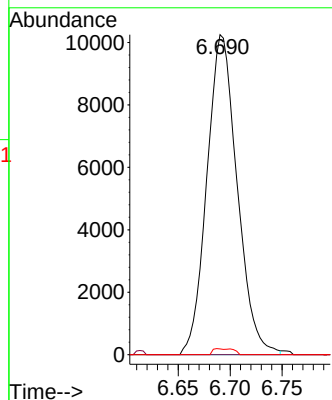
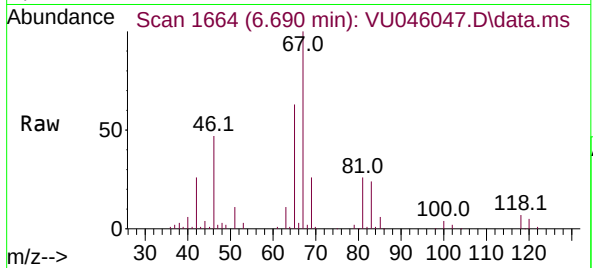




#35
Methylcyclohexane
Concen: 7.804 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.077 min
Lab File: VU046047.D
Acq: 02 Dec 2021 13:13

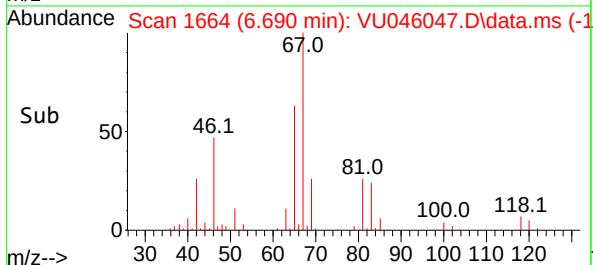
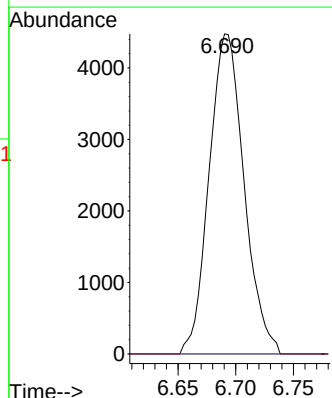
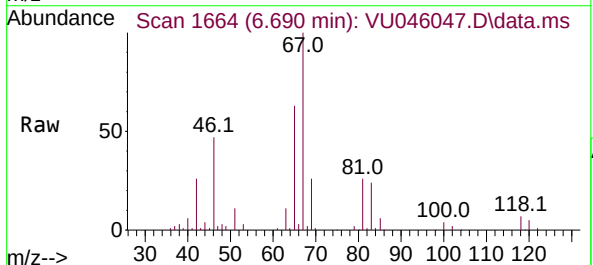
Instrument :
MSVOA_U
ClientSampleId :

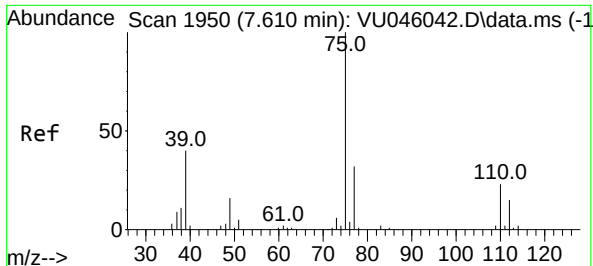
Tgt Ion: 83 Resp: 20781
Ion Ratio Lower Upper
83 100
55 0.3 57.8 86.6#
98 0.7 38.4 57.6#



#37
1,2-Dichloropropane
Concen: 5.516 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.103 min
Lab File: VU046047.D
Acq: 02 Dec 2021 13:13

Tgt Ion: 63 Resp: 9420
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.6#





#39

cis-1,3-Dichloropropene

Concen: 0.966 ug/L

RT: 7.565 min Scan# 1950

Delta R.T. -0.045 min

Lab File: VU046047.D

Acq: 02 Dec 2021 13:13

Instrument :

MSVOA_U

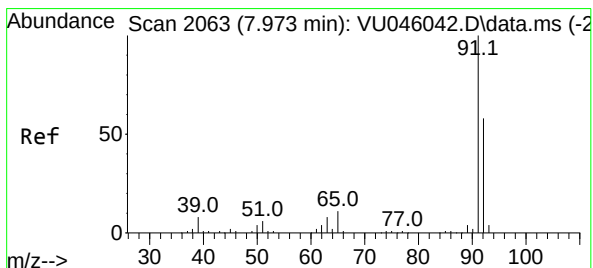
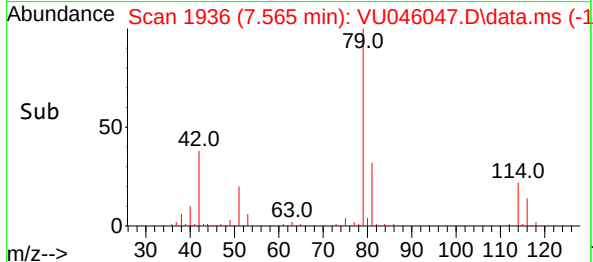
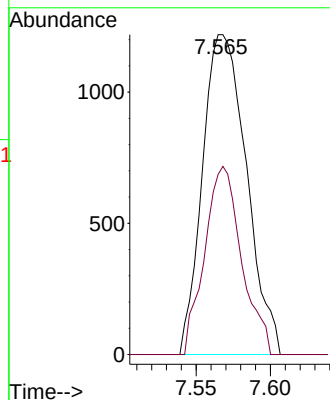
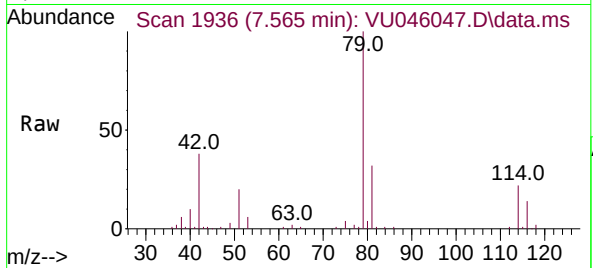
ClientSampleId :

Tgt Ion: 75 Resp: 2509

Ion Ratio Lower Upper

75 100

77 56.4 21.8 40.6#



#42

Toluene

Concen: 1.400 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. -0.003 min

Lab File: VU046047.D

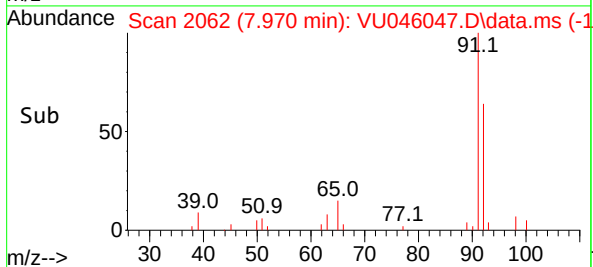
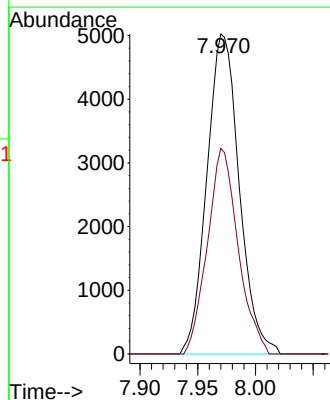
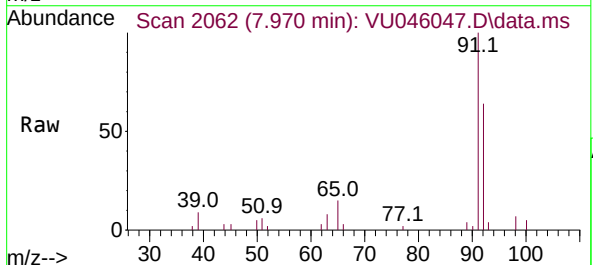
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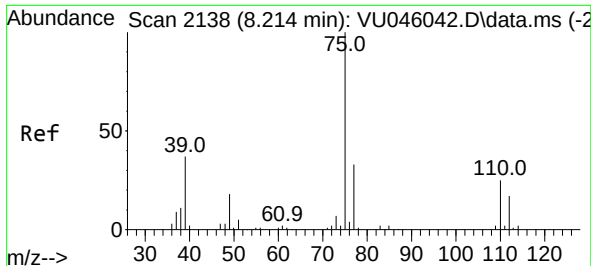
Tgt Ion: 91 Resp: 9796

Ion Ratio Lower Upper

91 100

92 64.2 41.9 77.7

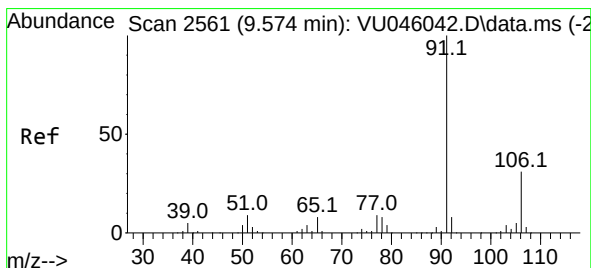
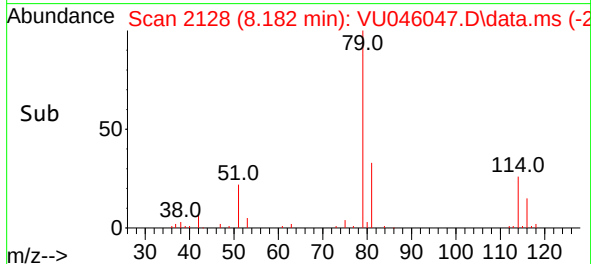
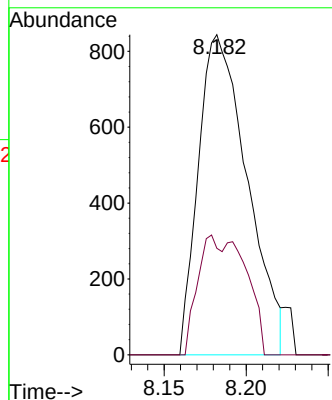
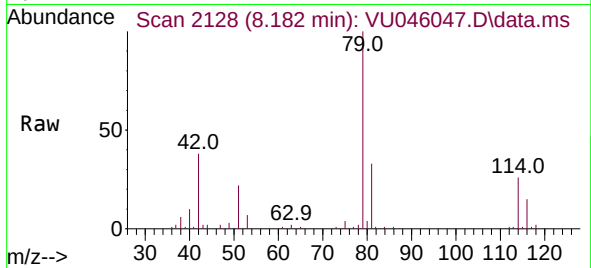




#44
trans-1,3-Dichloropropene
Concen: 0.683 ug/L
RT: 8.182 min Scan# 2138
Delta R.T. -0.032 min
Lab File: VU046047.D
Acq: 02 Dec 2021 13:13

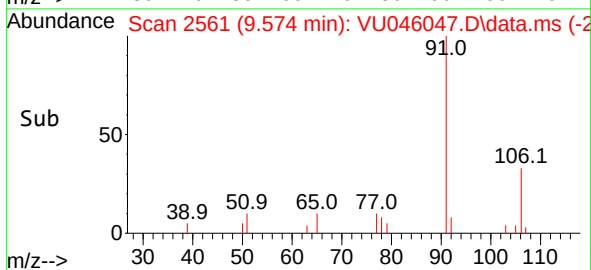
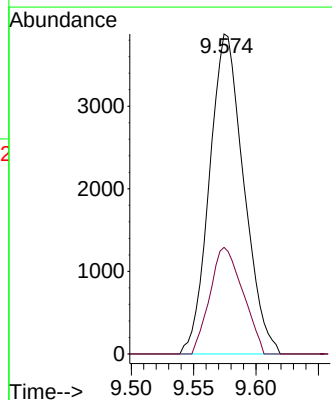
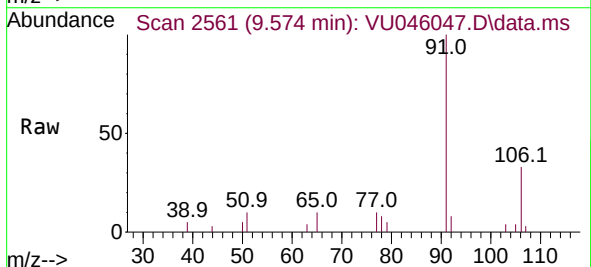
Instrument :
MSVOA_U
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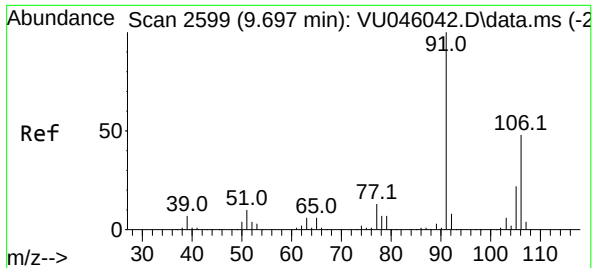
Tgt Ion: 75 Resp: 1743
Ion Ratio Lower Upper
75 100
77 33.3 21.7 40.3



#52
Ethylbenzene
Concen: 0.985 ug/L
RT: 9.574 min Scan# 2561
Delta R.T. -0.000 min
Lab File: VU046047.D
Acq: 02 Dec 2021 13:13

Tgt Ion: 91 Resp: 7417
Ion Ratio Lower Upper
91 100
106 33.3 21.1 39.3

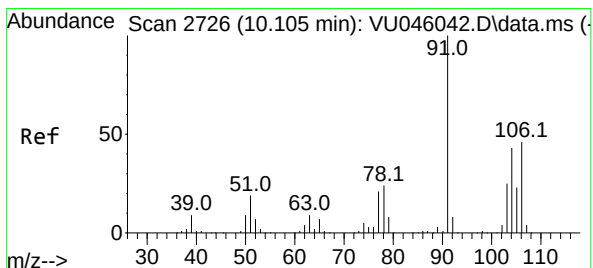
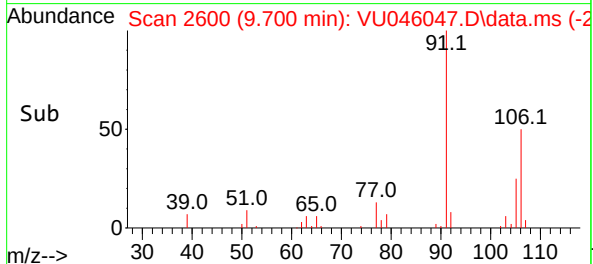
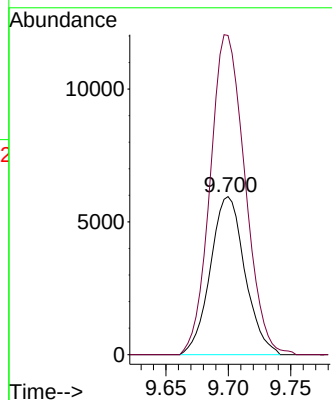
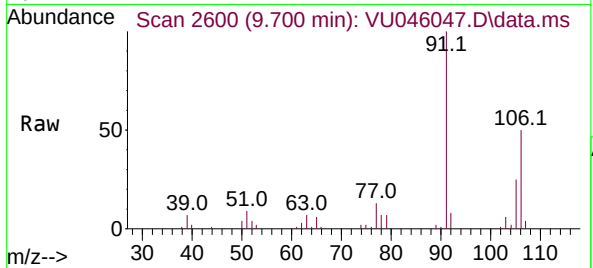




#53
m,p-Xylene
Concen: 3.916 ug/L
RT: 9.700 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU046047.D
Acq: 02 Dec 2021 13:13

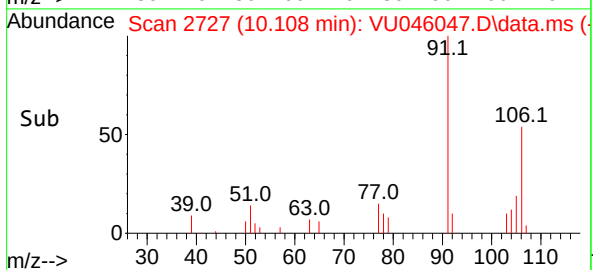
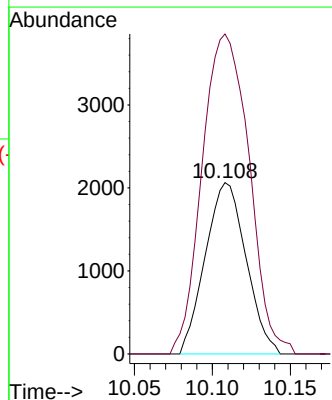
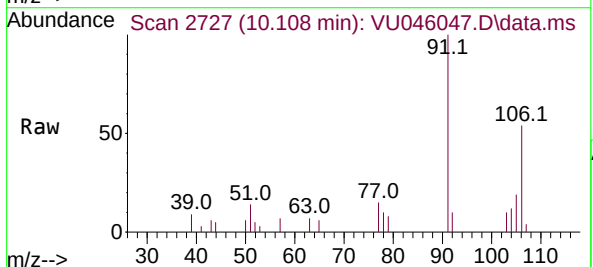
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MSVOA_U
ClientSampleId :

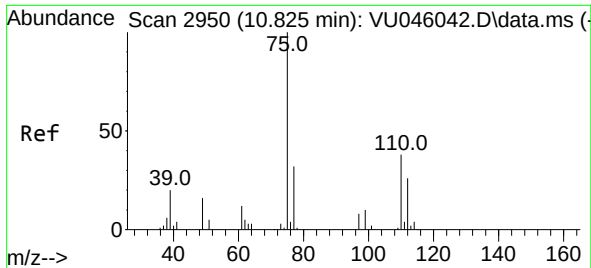
Tgt Ion:106 Resp: 11496
Ion Ratio Lower Upper
106 100
91 201.9 144.3 268.1



#54
o-xylene
Concen: 1.319 ug/L
RT: 10.108 min Scan# 2727
Delta R.T. 0.003 min
Lab File: VU046047.D
Acq: 02 Dec 2021 13:13

Tgt Ion:106 Resp: 3756
Ion Ratio Lower Upper
106 100
91 186.7 154.2 286.4

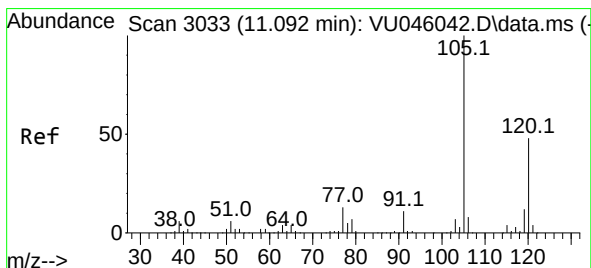
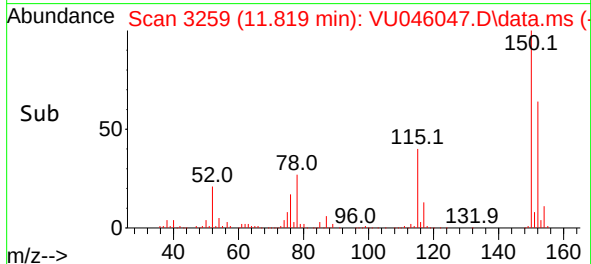
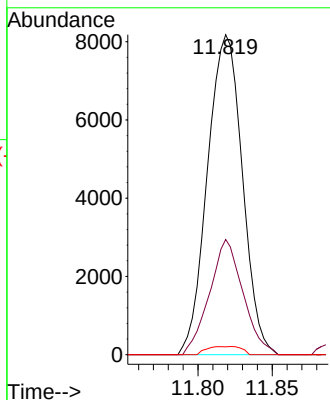
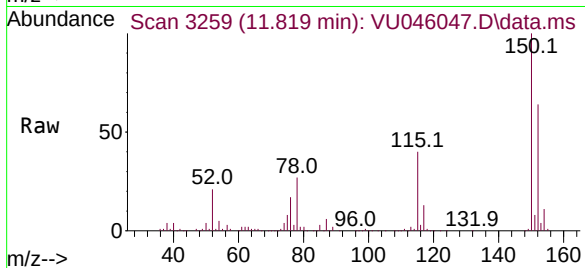




#60
 1,2,3-Trichloropropane
 Concen: 5.664 ug/L
 RT: 11.819 min Scan# 31
 Delta R.T. 0.993 min
 Lab File: VU046047.D
 Acq: 02 Dec 2021 13:13

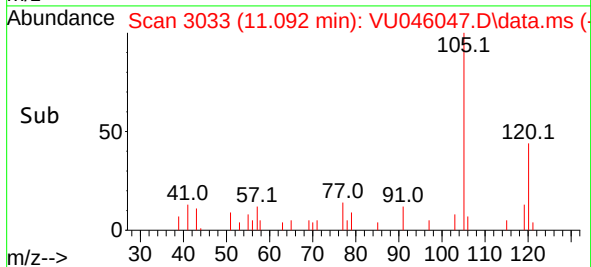
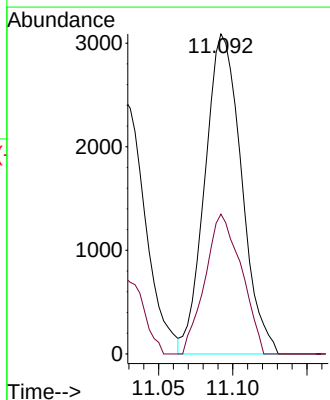
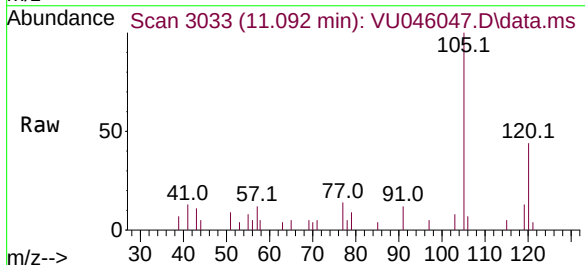
Instrument :
 MSVOA_U
 ClientSampleId :

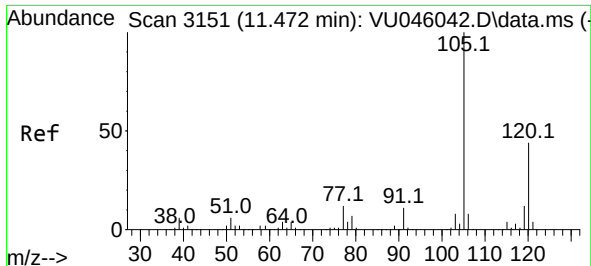
Tgt Ion: 75 Resp: 13364
 Ion Ratio Lower Upper
 75 100
 77 34.7 26.4 39.6
 110 1.5 32.4 48.6#



#62
 1,3,5-Trimethylbenzene
 Concen: 0.906 ug/L
 RT: 11.092 min Scan# 3033
 Delta R.T. -0.000 min
 Lab File: VU046047.D
 Acq: 02 Dec 2021 13:13

Tgt Ion: 105 Resp: 5288
 Ion Ratio Lower Upper
 105 100
 120 43.4 37.8 56.6

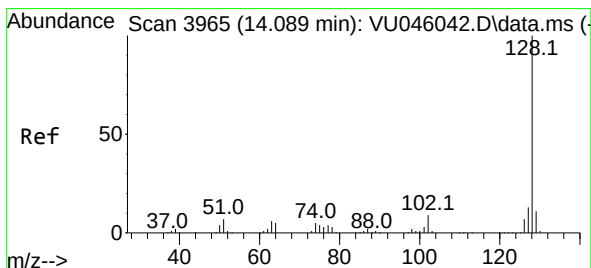
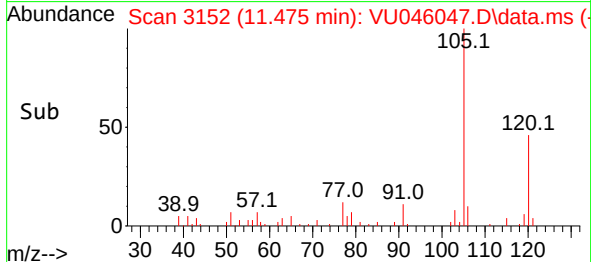
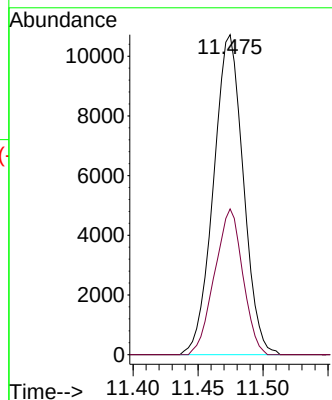
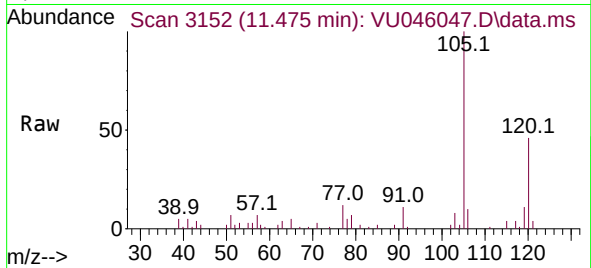




#63
1,2,4-Trimethylbenzene
Concen: 2.927 ug/L
RT: 11.475 min Scan# 3151
Delta R.T. 0.003 min
Lab File: VU046047.D
Acq: 02 Dec 2021 13:13

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:105 Resp: 17096
Ion Ratio Lower Upper
105 100
120 43.0 35.2 52.8



#71
Naphthalene
Concen: 36.757 ug/L
RT: 14.089 min Scan# 3965
Delta R.T. -0.000 min
Lab File: VU046047.D
Acq: 02 Dec 2021 13:13

Tgt Ion:128 Resp: 275125
Ion Ratio Lower Upper
128 100
127 12.7 10.1 15.1
129 11.0 8.6 13.0

