

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110724\
 Data File : VU061530.D
 Acq On : 07 Nov 2024 19:09
 Operator : MD/SY
 Sample : P4743-15
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H46X1

Quant Time: Nov 08 00:31:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 08 00:26:16 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	144767	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	137750	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	63346	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	69893	7.107	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	= 142.200%#	
7) Chloroethane-d5	1.908	69	43294	4.802	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	= 96.000%	
11) 1,1-Dichloroethene-d2	2.560	65	20969	4.984	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	= 99.600%	
20) 2-Butanone-d5	4.634	46	107334	53.758	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	= 107.520%	
24) Chloroform-d	5.052	84	100847	5.403	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 108.000%	
26) 1,2-Dichloroethane-d4	5.695	65	51775	5.565	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 111.200%	
32) Benzene-d6	5.718	84	209617	5.401	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 108.000%	
36) 1,2-Dichloropropane-d6	6.682	67	64638	5.539	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	= 110.800%	
41) Toluene-d8	7.891	98	192587	5.307	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 106.200%	
43) trans-1,3-Dichloroprop...	8.174	79	20359	4.274	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	= 85.400%	
46) 2-Hexanone-d5	8.627	63	103495	53.048	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	= 106.100%	
56) 1,1,2,2-Tetrachloroeth...	10.746	84	48896	5.541	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	= 110.800%	
66) 1,2-Dichlorobenzene-d4	12.187	152	66749	5.951	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	= 119.000%	
Target Compounds						Qvalue
5) Vinyl chloride	1.599	62	3015700	269.500	ug/L	100
12) 1,1-Dichloroethene	2.573	96	22493	2.628	ug/L #	68
14) Carbon disulfide	2.788	76	7778	0.272	ug/L	98
18) trans-1,2-Dichloroethene	3.345	96	138768	14.662	ug/L	96
19) 1,1-Dichloroethane	3.862	63	26003	1.457	ug/L	96
22) cis-1,2-Dichloroethene	4.653	96	6214179	574.831	ug/L	99
30) Cyclohexane	5.380	56	8707	0.515	ug/L	97
33) Benzene	5.766	78	189737	4.454	ug/L	100
34) Trichloroethene	6.534	95	19839	1.712	ug/L	97
35) Methylcyclohexane	6.756	83	5065	0.275	ug/L #	83
42) Toluene	7.962	91	413616	8.941	ug/L	100
51) Chlorobenzene	9.444	112	15929	0.545	ug/L	96
52) Ethylbenzene	9.563	91	298217	5.860	ug/L	100
53) m,p-Xylene	9.685	106	131597	6.788	ug/L	99
54) o-Xylene	10.094	106	99431	5.197	ug/L	97
60) Isopropylbenzene	10.476	105	30339	0.627	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	20543	0.528	ug/L	100

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Nov 08 00:26:16 2024
Response via : Initial Calibration

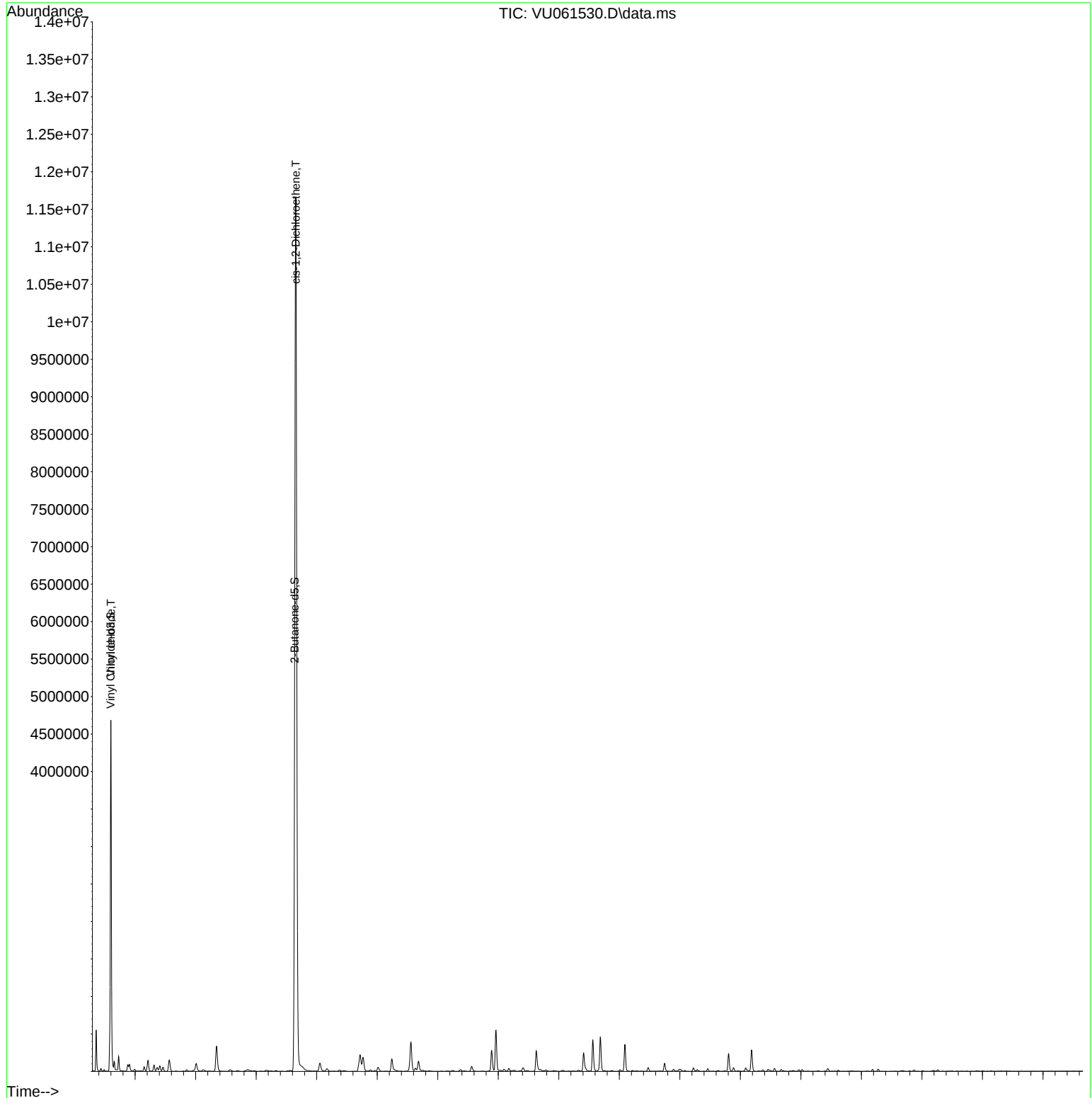
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

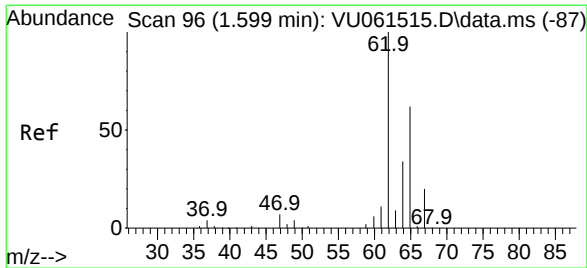
(#)= qualifier out of range (m)= manual integration (+)= signals summed						

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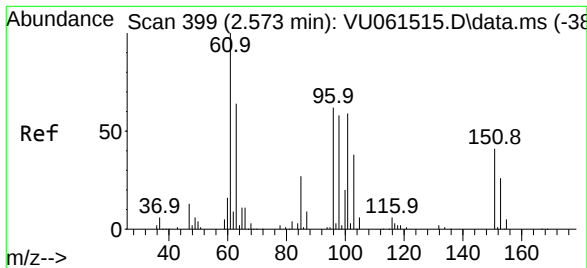
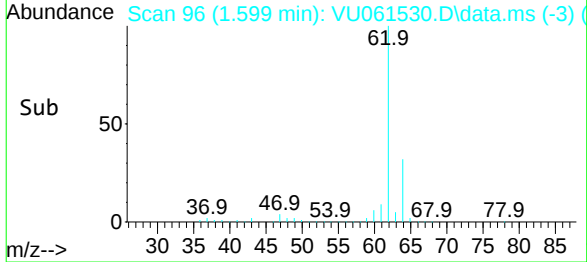
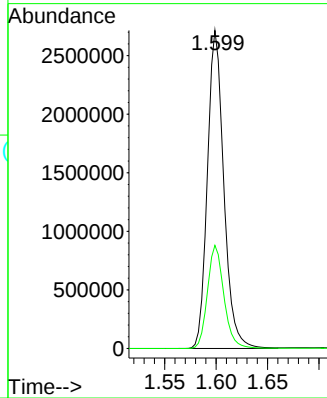
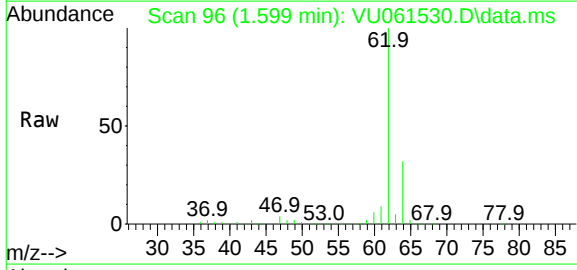




Vinyl chloride
 Concen: 269.500 ug/L
 RT: 1.599 min Scan# 96
 Delta R.T. 0.000 min
 Lab File: VU061530.D
 Acq: 07 Nov 2024 19:09

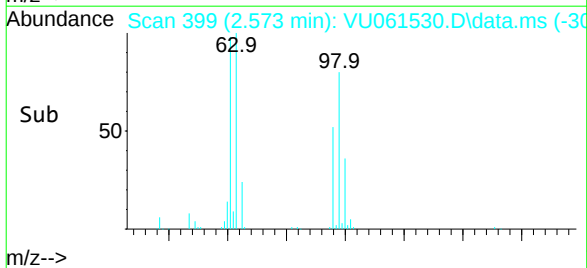
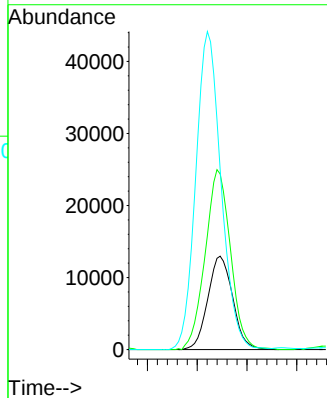
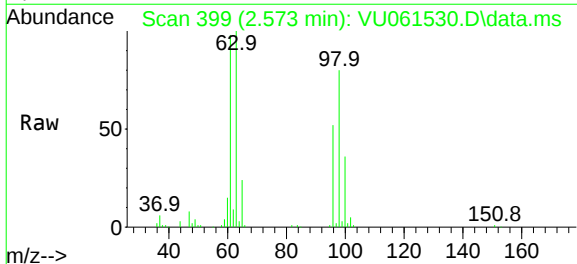
Instrument :
 MSVOA_U
 ClientSampleId :
 H46X1

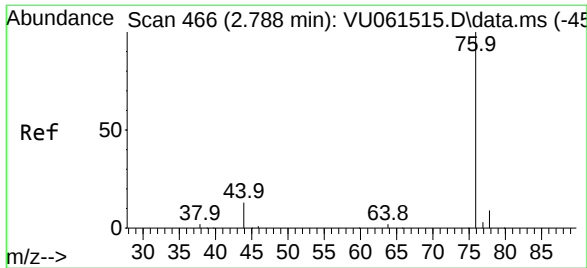
Tgt Ion: 62 Resp: 3015700
 Ion Ratio Lower Upper
 62 100
 64 32.4 22.6 42.0



1,1-Dichloroethene
 Concen: 2.628 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. 0.000 min
 Lab File: VU061530.D
 Acq: 07 Nov 2024 19:09

Tgt Ion: 96 Resp: 22493
 Ion Ratio Lower Upper
 96 100
 61 188.0 119.1 221.1
 63 192.7 89.4 166.0#





#14

Carbon disulfide

Concen: 0.272 ug/L

RT: 2.788 min Scan# 466

Delta R.T. 0.000 min

Lab File: VU061530.D

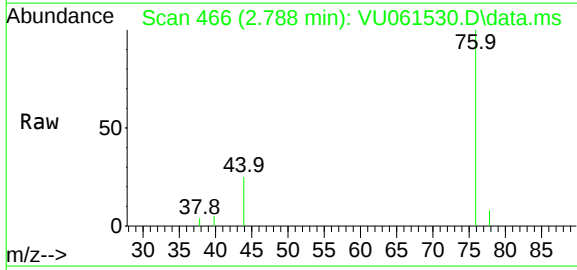
Acq: 07 Nov 2024 19:09

Instrument :

MSVOA_U

ClientSampleId :

H46X1

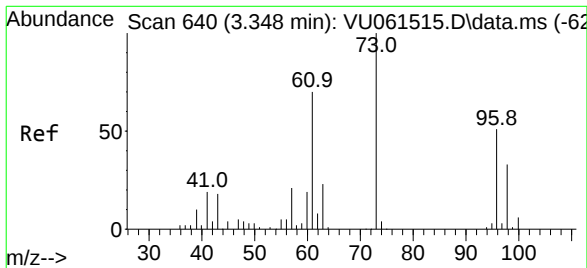
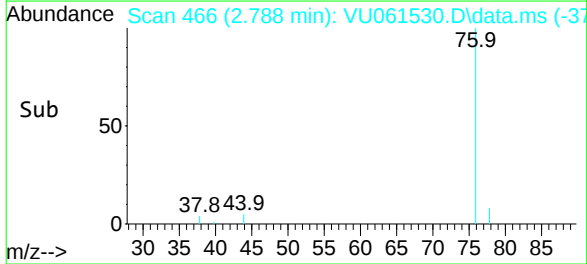
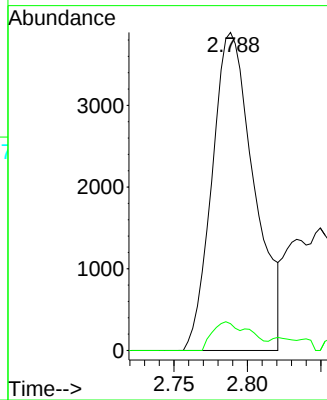


Tgt Ion: 76 Resp: 7778

Ion Ratio Lower Upper

76 100

78 8.4 7.4 11.2



#18

trans-1,2-Dichloroethene

Concen: 14.662 ug/L

RT: 3.345 min Scan# 639

Delta R.T. -0.003 min

Lab File: VU061530.D

Acq: 07 Nov 2024 19:09

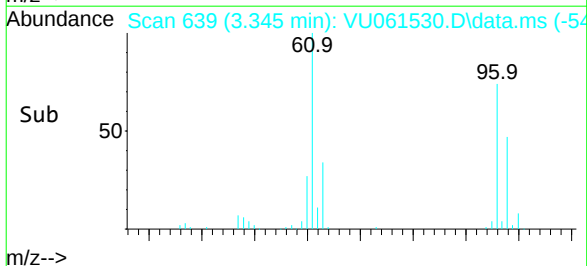
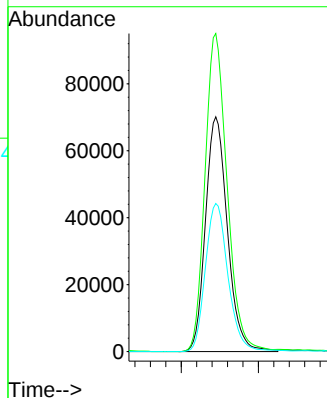
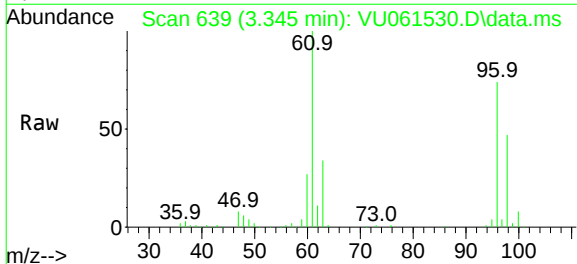
Tgt Ion: 96 Resp: 138768

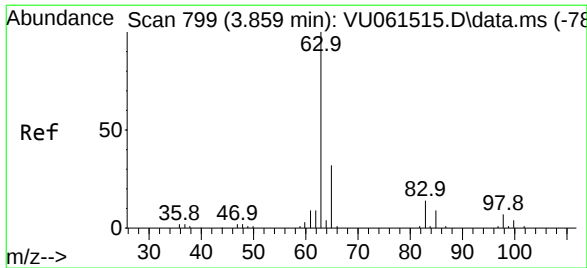
Ion Ratio Lower Upper

96 100

61 135.5 97.9 181.7

98 63.1 46.2 85.8

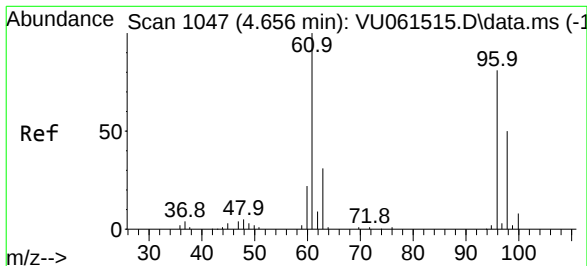
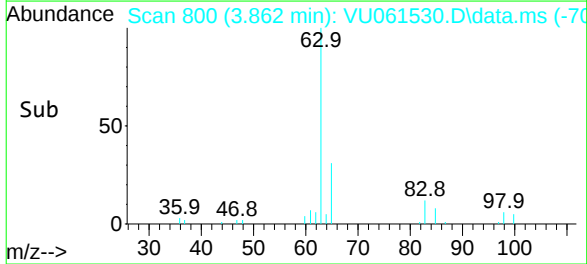
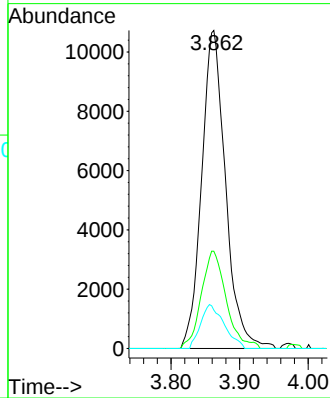
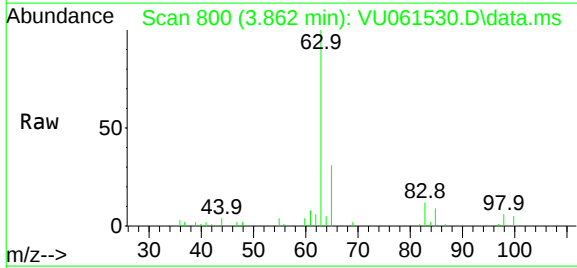




#19
1,1-Dichloroethane
Concen: 1.457 ug/L
RT: 3.862 min Scan# 80
Delta R.T. 0.003 min
Lab File: VU061530.D
Acq: 07 Nov 2024 19:09

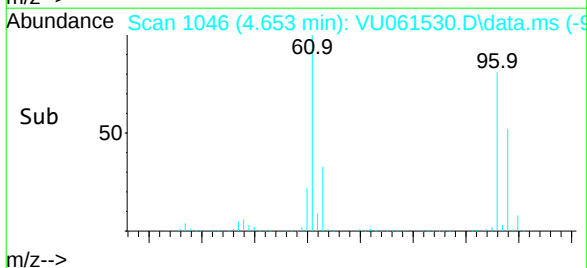
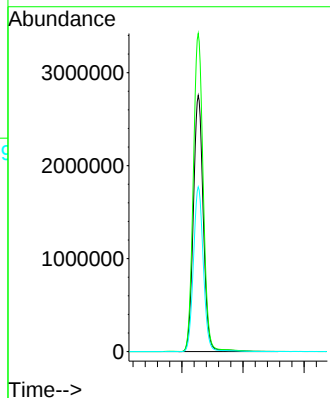
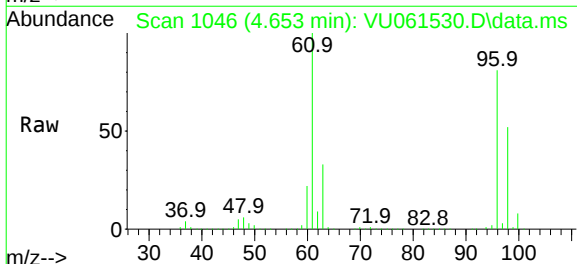
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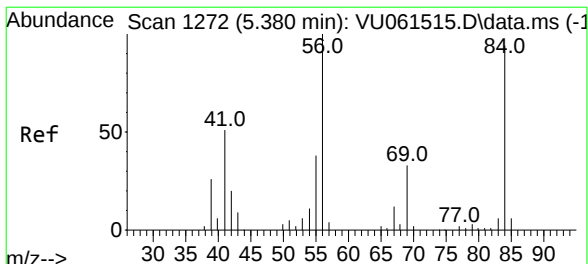
Tgt Ion:	63	Resp:	26003
Ion	Ratio	Lower	Upper
63	100		
65	30.6	23.0	42.6
83	12.1	9.7	17.9



#22
cis-1,2-Dichloroethene
Concen: 574.831 ug/L
RT: 4.653 min Scan# 1046
Delta R.T. -0.003 min
Lab File: VU061530.D
Acq: 07 Nov 2024 19:09

Tgt Ion:	96	Resp:	6214179
Ion	Ratio	Lower	Upper
96	100		
61	124.2	88.1	163.5
98	64.3	45.0	83.6

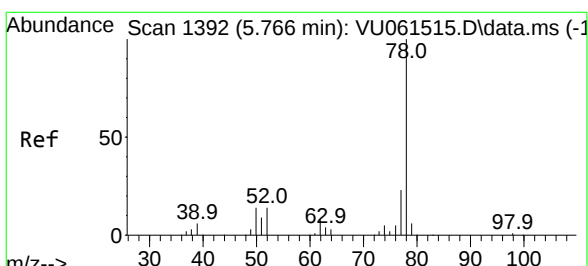
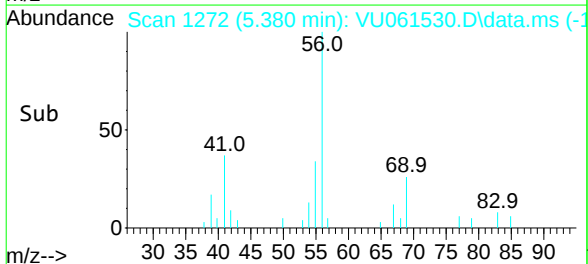
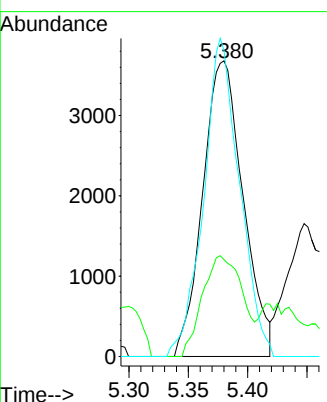
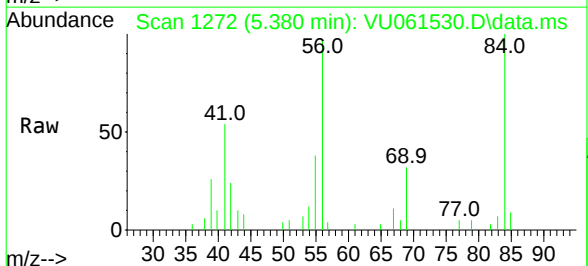




#30
Cyclohexane
Concen: 0.515 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. 0.000 min
Lab File: VU061530.D
Acq: 07 Nov 2024 19:09

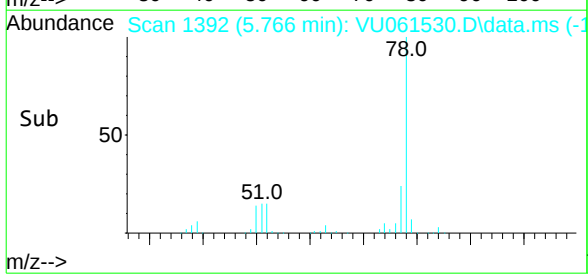
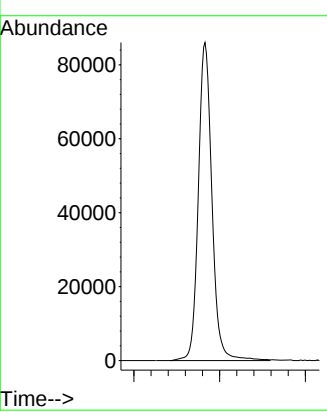
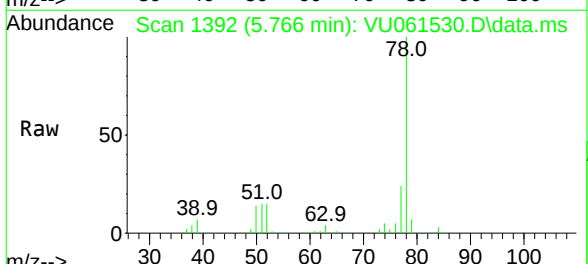
Instrument :
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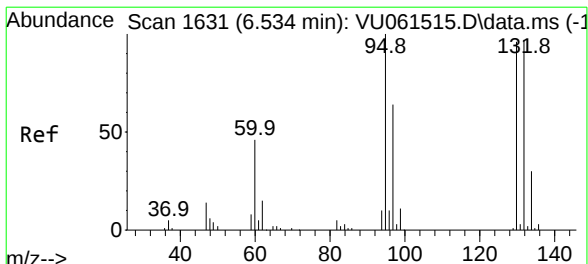
Tgt Ion:	56	Resp:	8707
Ion	Ratio	Lower	Upper
56	100		
69	33.7	25.8	38.6
84	95.5	73.9	110.9



#33
Benzene
Concen: 4.454 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VU061530.D
Acq: 07 Nov 2024 19:09

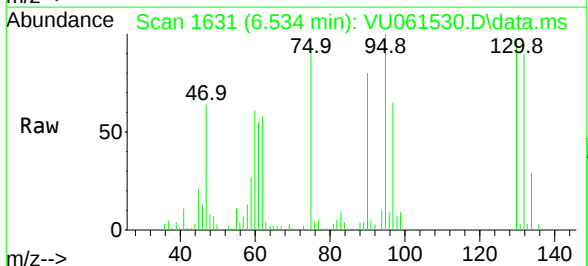
Tgt Ion: 78 Resp: 189737



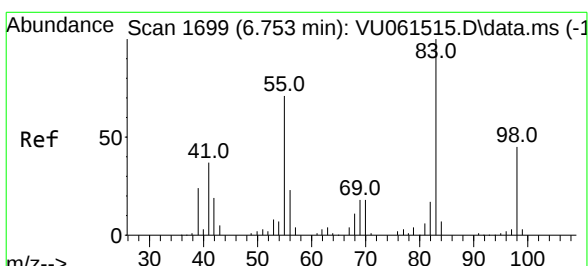
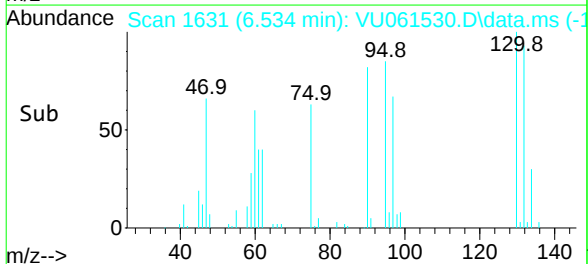
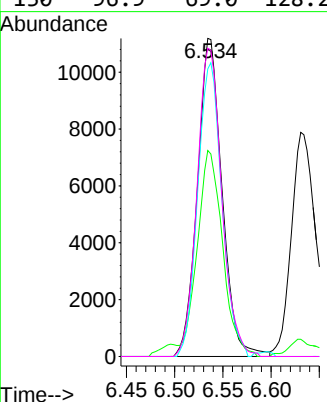


#34
 Trichloroethene
 Concen: 1.712 ug/L
 RT: 6.534 min Scan# 1631
 Delta R.T. 0.000 min
 Lab File: VU061530.D
 Acq: 07 Nov 2024 19:09

Instrument : MSVOA_U
 ClientSampleId : H46X1

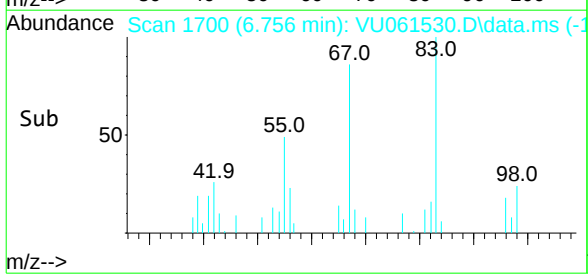
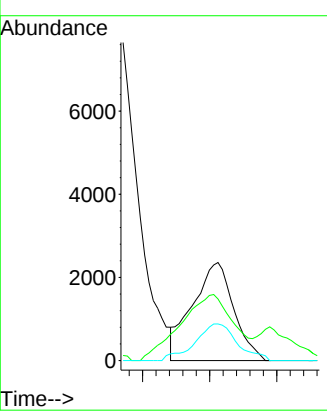
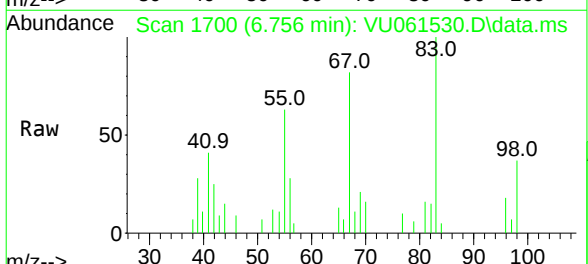


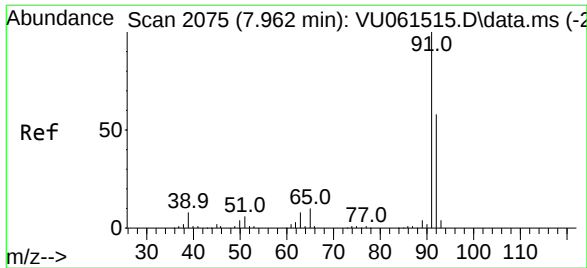
Tgt Ion:	95	Resp:	19839
Ion	Ratio	Lower	Upper
95	100		
97	64.8	46.1	85.7
132	90.4	66.1	122.7
130	96.9	69.0	128.2



#35
 Methylcyclohexane
 Concen: 0.275 ug/L
 RT: 6.756 min Scan# 1700
 Delta R.T. 0.003 min
 Lab File: VU061530.D
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Tgt Ion:	83	Resp:	5065
Ion	Ratio	Lower	Upper
83	100		
55	87.1	55.9	83.9#
98	37.9	35.9	53.9

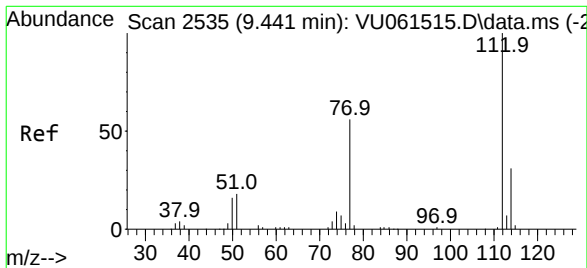
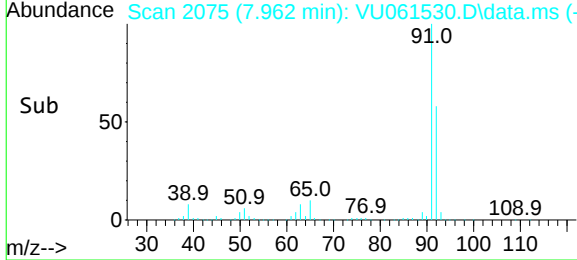
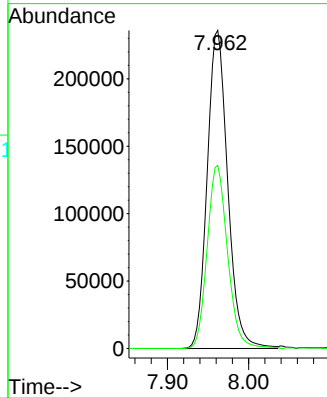
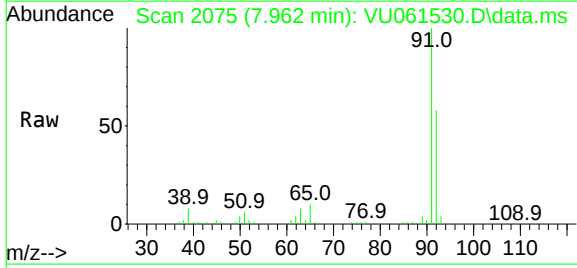




#42
Toluene
Concen: 8.941 ug/L
RT: 7.962 min Scan# 2075
Delta R.T. 0.000 min
Lab File: VU061530.D
Acq: 07 Nov 2024 19:09

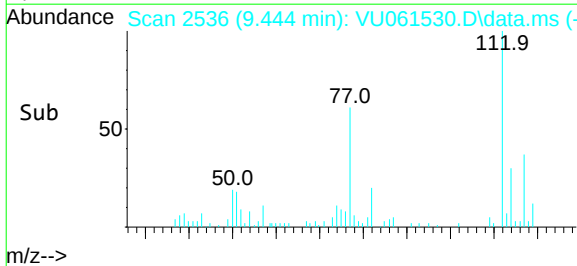
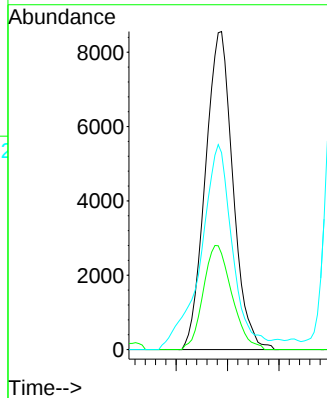
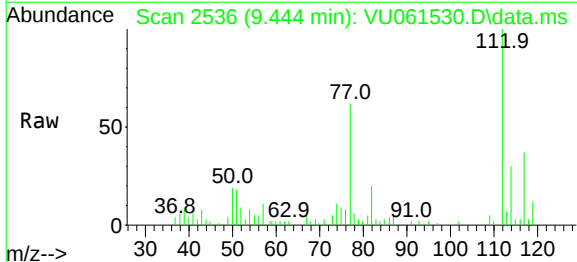
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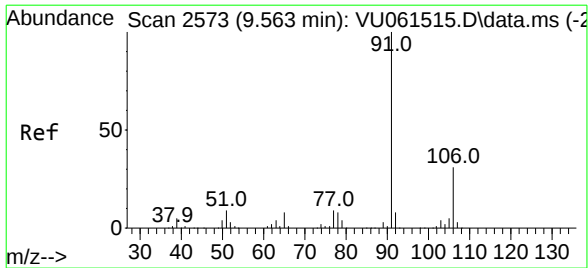
Tgt Ion: 91 Resp: 413616
Ion Ratio Lower Upper
91 100
92 57.5 40.3 74.8



#51
Chlorobenzene
Concen: 0.545 ug/L
RT: 9.444 min Scan# 2536
Delta R.T. 0.003 min
Lab File: VU061530.D
Acq: 07 Nov 2024 19:09

Tgt Ion: 112 Resp: 15929
Ion Ratio Lower Upper
112 100
114 30.2 22.9 42.5
77 61.9 47.1 70.7

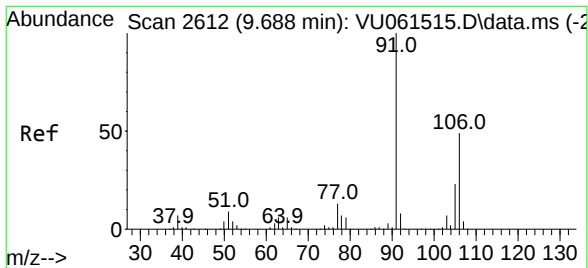
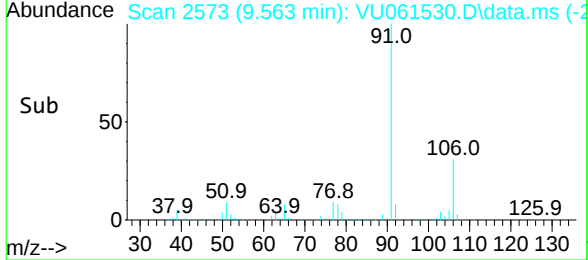
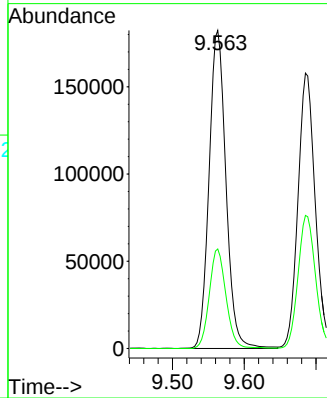
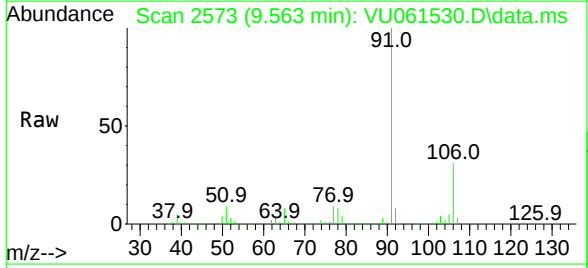




#52
Ethylbenzene
Concen: 5.860 ug/L
RT: 9.563 min Scan# 2573
Delta R.T. 0.000 min
Lab File: VU061530.D
Acq: 07 Nov 2024 19:09

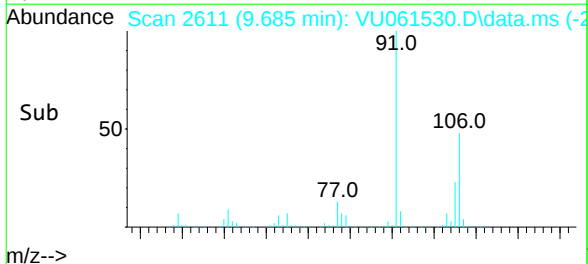
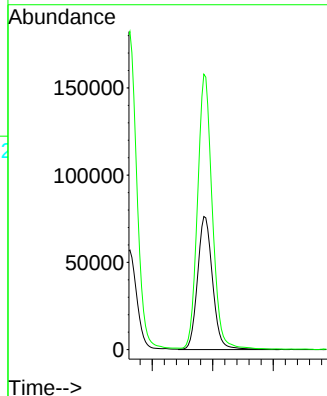
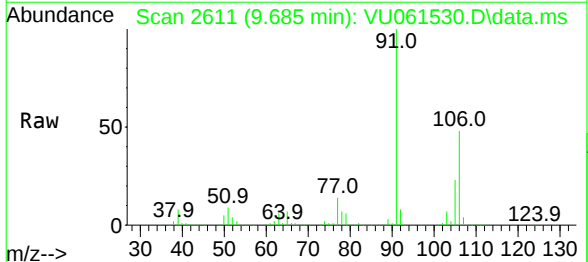
Instrument :
MSVOA_U
ClientSampleId :
H46X1

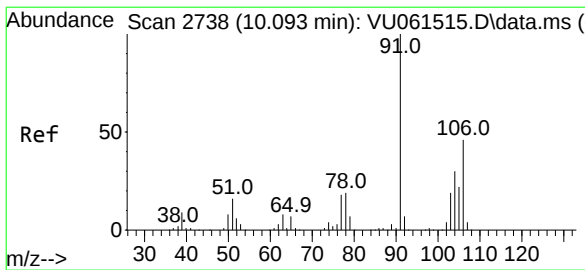
Tgt Ion: 91 Resp: 298217
Ion Ratio Lower Upper
91 100
106 31.3 22.0 41.0



#53
m,p-Xylene
Concen: 6.788 ug/L
RT: 9.685 min Scan# 2611
Delta R.T. -0.003 min
Lab File: VU061530.D
Acq: 07 Nov 2024 19:09

Tgt Ion: 106 Resp: 131597
Ion Ratio Lower Upper
106 100
91 207.0 145.7 270.7





#54

o-Xylene

Concen: 5.197 ug/L

RT: 10.094 min Scan# 2738

Delta R.T. 0.000 min

Lab File: VU061530.D

Acq: 07 Nov 2024 19:09

Instrument :

MSVOA_U

ClientSampleId :

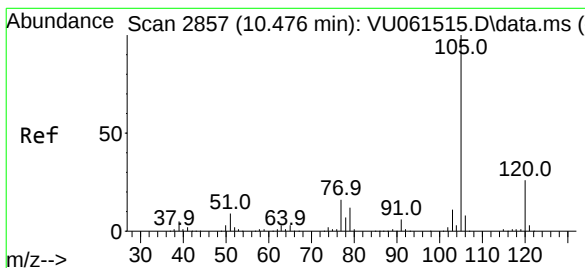
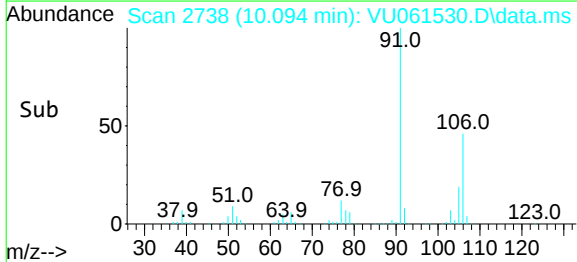
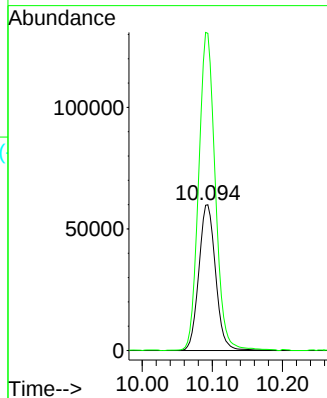
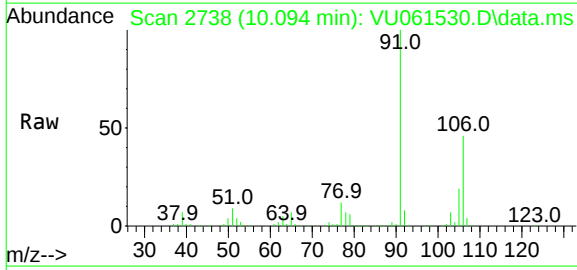
H46X1

Tgt Ion:106 Resp: 99431

Ion Ratio Lower Upper

106 100

91 217.6 148.8 276.4



#60

Isopropylbenzene

Concen: 0.627 ug/L

RT: 10.476 min Scan# 2857

Delta R.T. 0.000 min

Lab File: VU061530.D

Acq: 07 Nov 2024 19:09

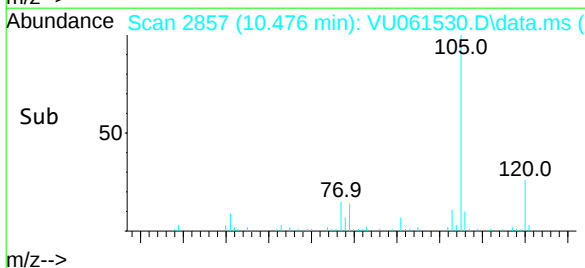
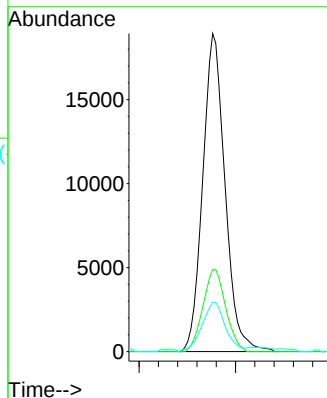
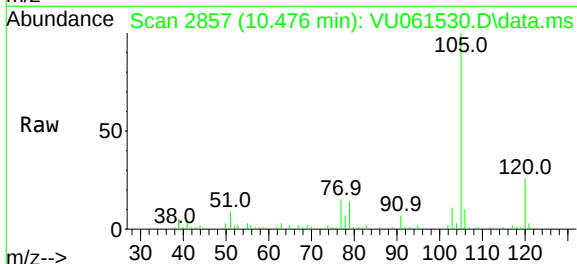
Tgt Ion:105 Resp: 30339

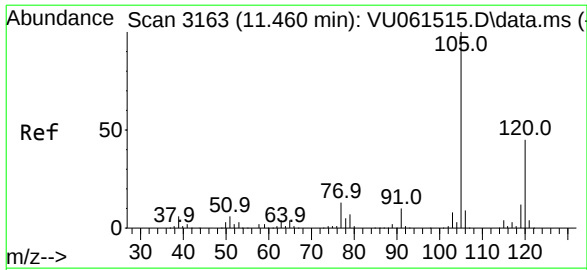
Ion Ratio Lower Upper

105 100

120 26.3 21.2 31.8

77 16.2 12.6 19.0





#63
1,2,4-Trimethylbenzene
Concen: 0.528 ug/L
RT: 11.460 min Scan# 3163
Delta R.T. 0.000 min
Lab File: VU061530.D
Acq: 07 Nov 2024 19:09

Instrument :
MSVOA_U
ClientSampleId :
H46X1

Tgt Ion:105 Resp: 20543
Ion Ratio Lower Upper
105 100
120 44.4 35.4 53.0

