

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL022820\
 Data File : VL034751.D
 Acq On : 29 Feb 2020 00:28
 Operator : SY/AP
 Sample : L1661-09
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-9-TROPHY-CASE

Manual Integrations
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Quant Time: Mar 02 12:24:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL022620AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Feb 28 2020
 QLast Update : Fri Feb 28 01:15:02 2020
 Response via : Initial Calibration

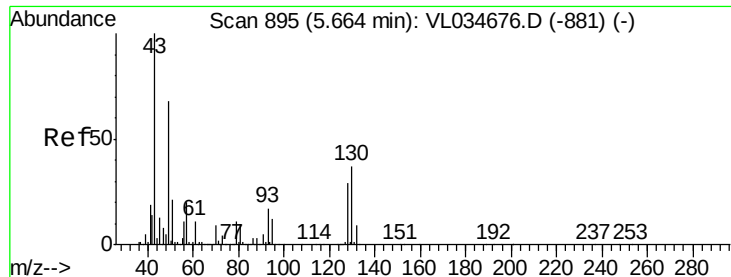
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1048076	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	2183299	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.12	117	2203894	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.46	95	1854043	10.26	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.60%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.02	85	92708	0.561	ppbv	89
4) Chloromethane	3.11	50	37343	0.590	ppbv	93
7) Chloroethane	3.53	64	18611	0.807	ppbv #	79
9) Propene	2.98	41	144926m	3.065	ppbv	
10) Heptane	8.14	43	103184m	0.848	ppbv	
11) Trichlorofluoromethane	3.93	101	36706	0.253	ppbv	92
13) Ethanol	3.59	45	1785165	119.520	ppbv	97
15) Acetone	3.82	43	2333832	19.542	ppbv	99
17) tert-Butyl alcohol	4.29	59	442447	4.835	ppbv	99
19) Isopropyl Alcohol	3.96	45	3389730	47.651	ppbv #	98
20) Methylene Chloride	4.33	84	190326	4.285	ppbv	92
26) Hexane	5.68	57	190198	1.952	ppbv #	54
29) Chloroform	5.75	83	41842	0.270	ppbv #	79
30) Cyclohexane	7.13	84	30006	0.397	ppbv #	86
31) cis-1,2-Dichloroethene	5.55	61	15777	0.165	ppbv #	85
34) 2-Butanone	5.24	43	372638	2.712	ppbv	99
35) Carbon Tetrachloride	7.02	117	10174m	0.070	ppbv	
36) Benzene	6.90	78	89753	0.476	ppbv	98
38) Trichloroethene	7.85	130	420999	5.792	ppbv	91
41) Tetrahydrofuran	6.05	42	171197	2.360	ppbv	97
44) 2,2,4-Trimethylpentane	7.88	57	228616	0.694	ppbv #	79
50) 4-Methyl-2-Pentanone	8.76	43	130368	0.670	ppbv	95
52) Tetrachloroethene	11.24	164	22811m	0.330	ppbv	
53) Toluene	9.83	91	1547249	7.715	ppbv	99
58) Ethyl Benzene	12.74	91	295650	1.109	ppbv	92
59) m/p-Xylene	13.00	91	883816	3.800	ppbv	99
60) o-Xylene	13.73	91	355815	1.542	ppbv	99
61) Styrene	13.56	104	25739m	0.174	ppbv	
64) n-propylbenzene	15.60	120	22272m	0.257	ppbv	
69) p-Isopropyltoluene	17.69	119	601541m	1.747	ppbv	
70) n-Butylbenzene	18.61	91	41273m	0.110	ppbv	
72) 4-Ethyltoluene	15.88	105	119694	0.466	ppbv #	95
73) 1,3,5-Trimethylbenzene	16.04	105	109943	0.445	ppbv	95
74) 1,2,4-Trimethylbenzene	16.80	105	441947	1.620	ppbv #	68
76) 1,4-Dichlorobenzene	17.19	146	27710m	0.176	ppbv	
79) Naphthalene	22.26	128	50503m	0.210	ppbv	

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 895

Delta R.T. 0.00 min

Lab File: VL034751.D

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Instrument :

MSVOA_L

ClientSampleId :

SG-9-TROPHY-CASE

Tot Ion: 49 Resp: 1048076

Ion Ratio Lower Upper

49 100

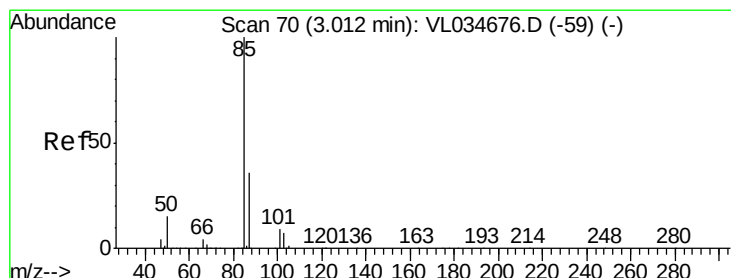
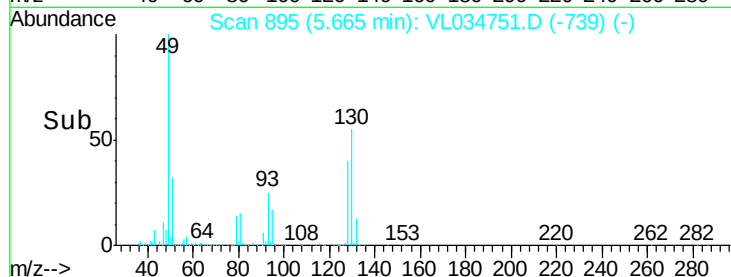
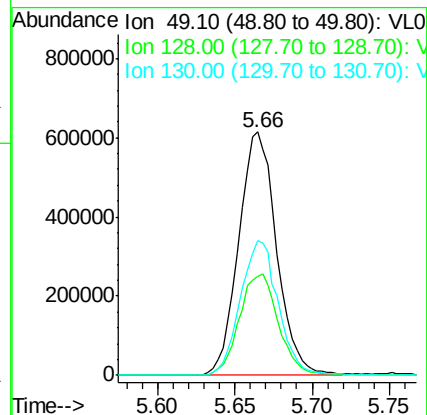
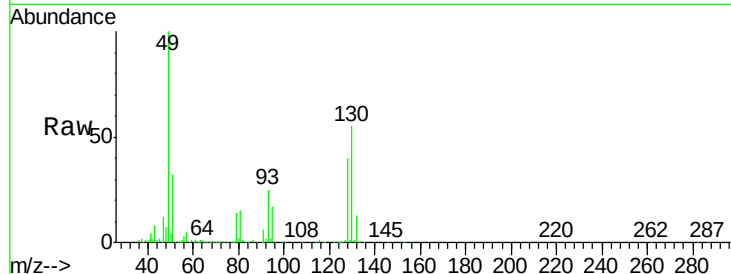
128 42.8 21.6 65.0

130 55.5 27.7 83.1

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#2

Dichlorodifluoromethane

Concen: 0.561 ppbv

RT: 3.02 min Scan# 71

Delta R.T. 0.00 min

Lab File: VL034751.D

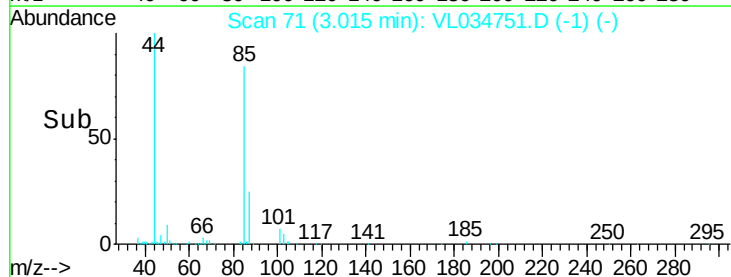
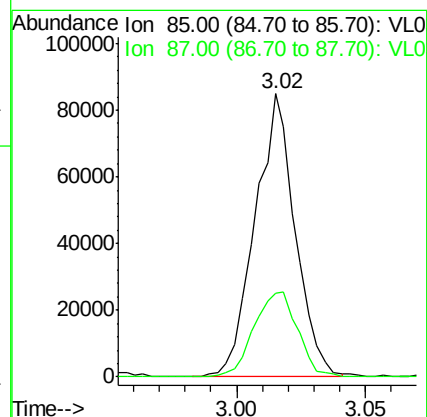
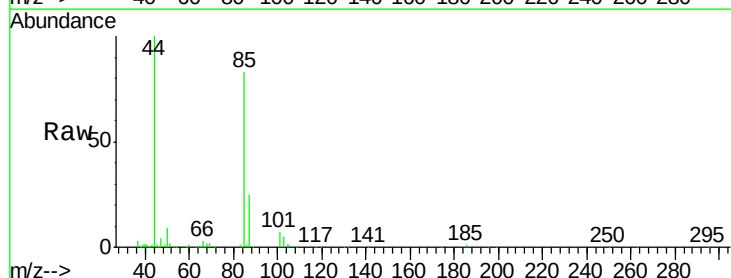
Acq: 29 Feb 2020 00:28

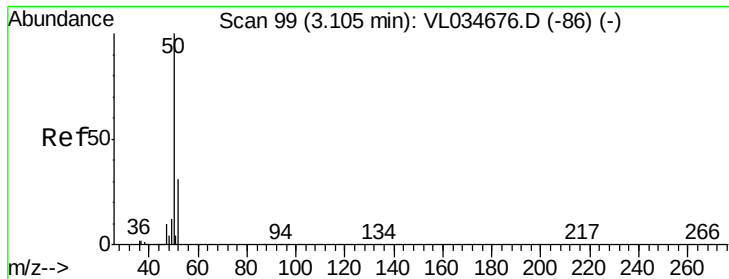
Tgt Ion: 85 Resp: 92708

Ion Ratio Lower Upper

85 100

87 29.7 29.2 43.8





#4

Chloromethane

Concen: 0.590 ppbv

RT: 3.11 min Scan# 100

Delta R.T. 0.00 min

Lab File: VL034751.D

Acq: 29 Feb 2020 00:28

Instrument :

MSVOA_L

ClientSampleId :

SG-9-TROPHY-CASE

Tot Ion: 50 Resp: 37343

Ion Ratio Lower Upper

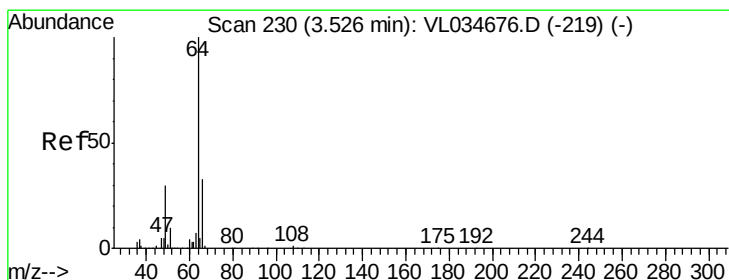
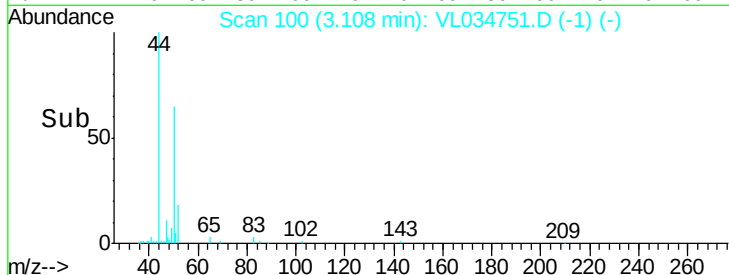
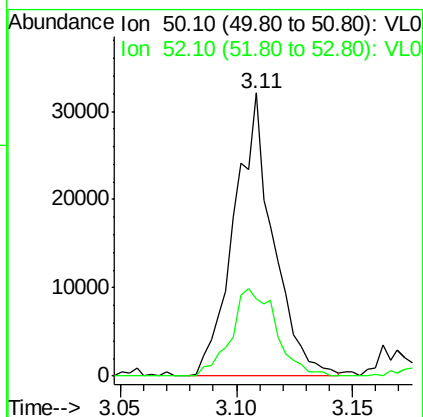
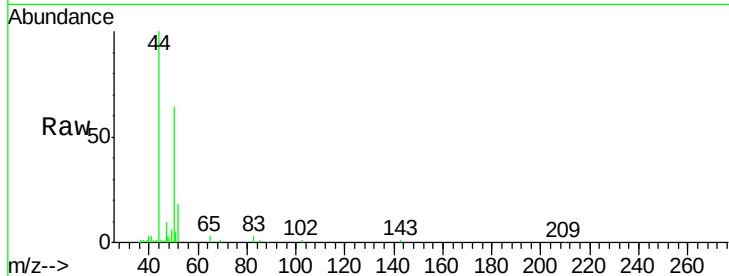
50 100

52 27.5 25.0 37.4

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#7

Chloroethane

Concen: 0.807 ppbv

RT: 3.53 min Scan# 232

Delta R.T. 0.01 min

Lab File: VL034751.D

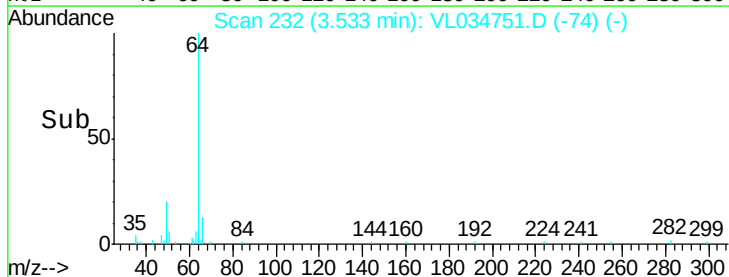
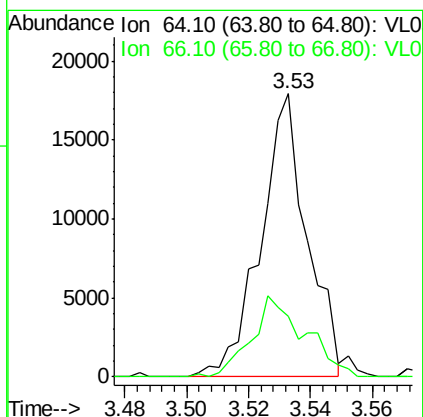
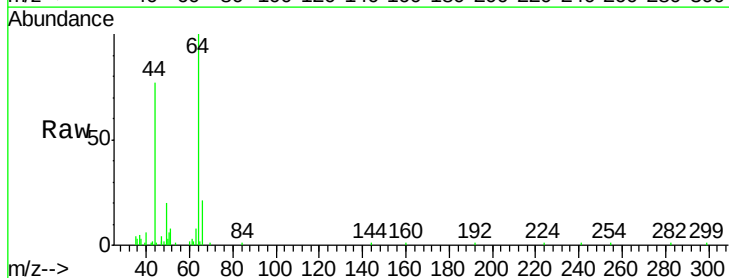
Acq: 29 Feb 2020 00:28

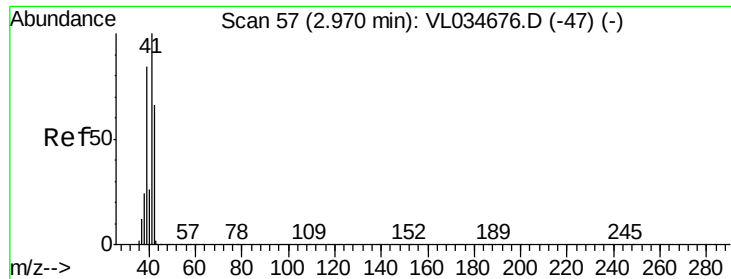
Tgt Ion: 64 Resp: 18611

Ion Ratio Lower Upper

64 100

66 21.3 26.7 40.1#





#9

Propene

Concen: 3.065 ppbv m

RT: 2.98 min Scan# 61

Delta R.T. 0.01 min

Lab File: VL034751.D

Acq: 29 Feb 2020 00:28

Instrument :

MSVOA_L

ClientSampleId :

SG-9-TROPHY-CASE

Tot Ion: 41 Resp: 144926

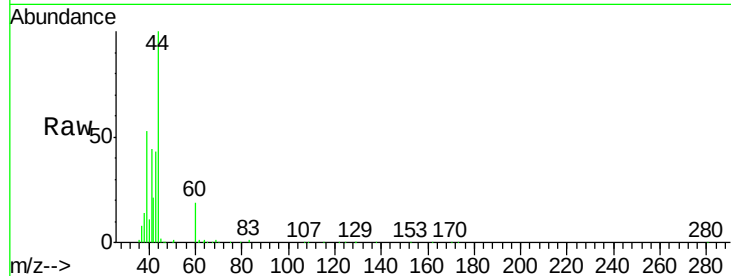
Ion Ratio Lower Upper

41 100

42 57.8 54.9 82.3

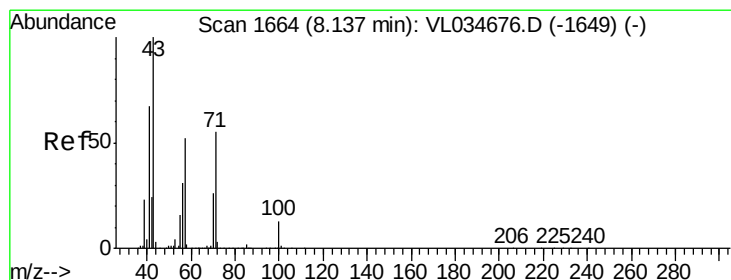
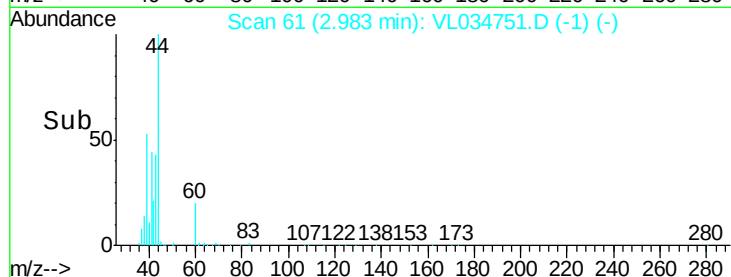
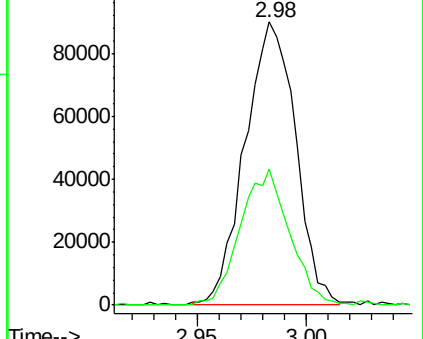
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Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0



#10

Heptane

Concen: 0.848 ppbv m

RT: 8.14 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VL034751.D

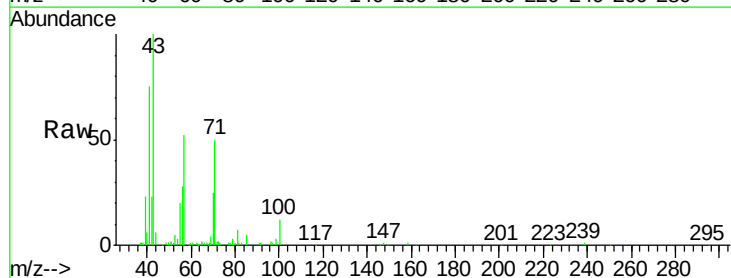
Acq: 29 Feb 2020 00:28

Tgt Ion: 43 Resp: 103184

Ion Ratio Lower Upper

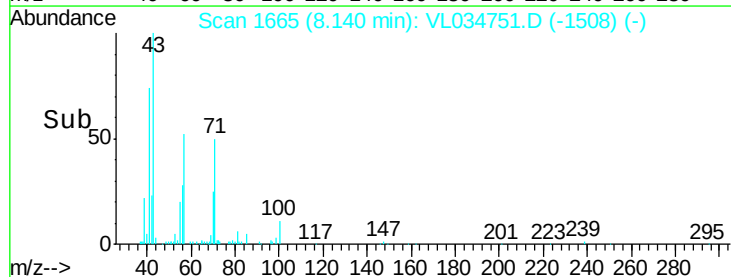
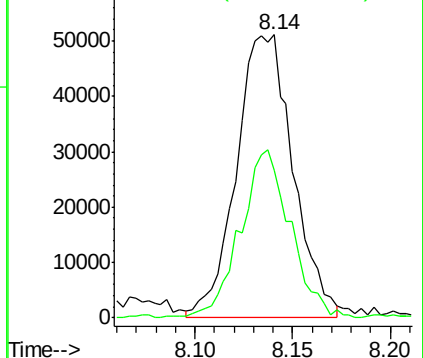
43 100

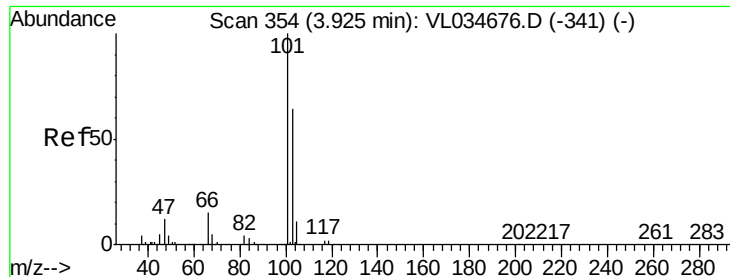
57 52.7 41.0 61.6



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 57.10 (56.80 to 57.80): VL0





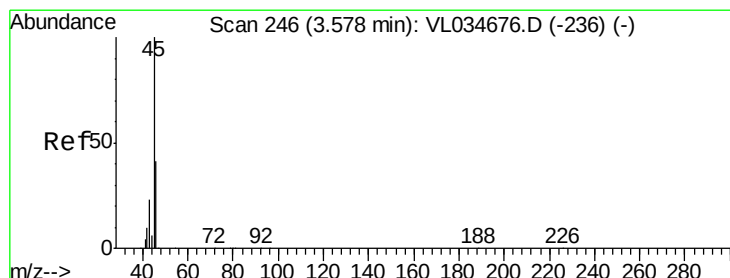
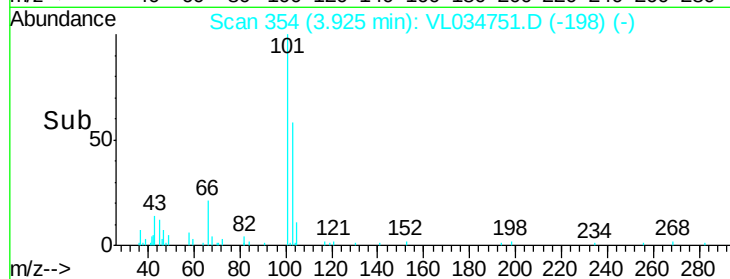
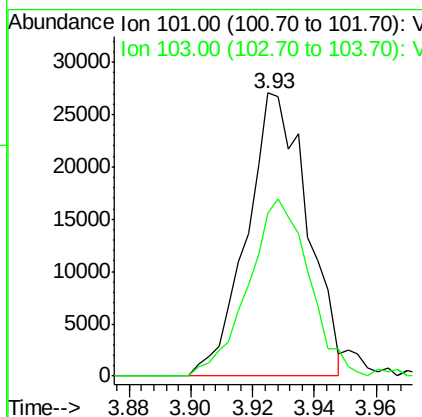
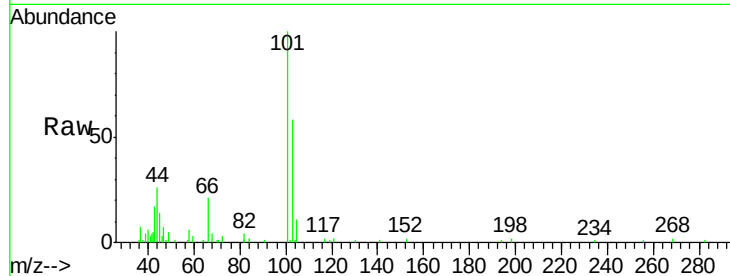
#11
 Trichlorofluoromethane
 Concen: 0.253 ppbv
 RT: 3.93 min Scan# 354
 Delta R.T. 0.00 min
 Lab File: VL034751.D
 Acq: 29 Feb 2020 00:28

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-9-TROPHY-CASE

Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		36706		
103	57.8	51.2	76.8		

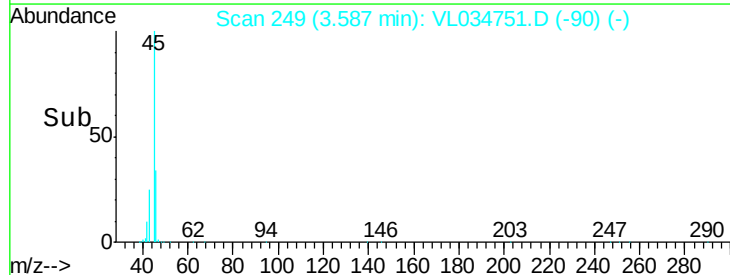
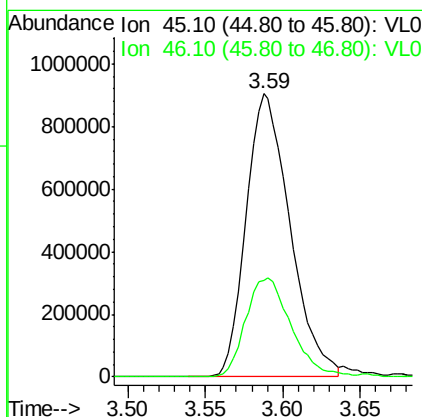
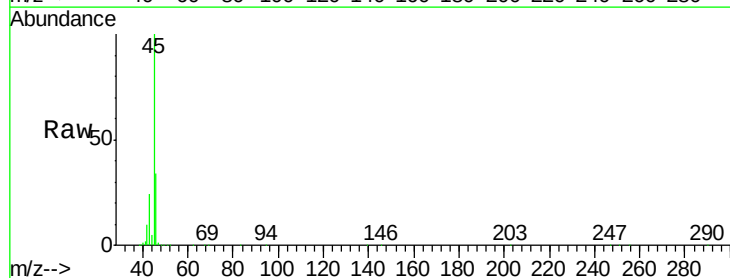
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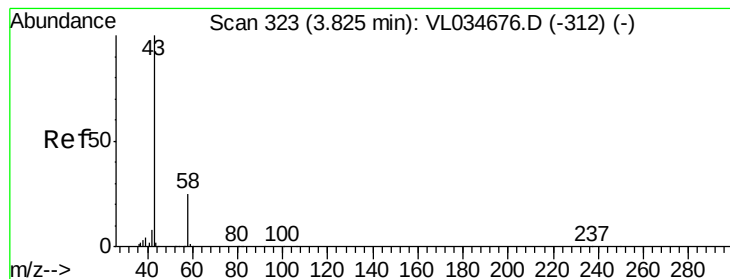
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#13
 Ethanol
 Concen: 119.520 ppbv
 RT: 3.59 min Scan# 249
 Delta R.T. 0.01 min
 Lab File: VL034751.D
 Acq: 29 Feb 2020 00:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
45	100		1785165		
46	36.8	15.4	61.4		





#15

Acetone

Concen: 19.542 ppbv

RT: 3.82 min Scan# 322

Delta R.T. -0.00 min

Lab File: VL034751.D

Acq: 29 Feb 2020 00:28

Tot Ion: 43 Resp: 2333832

Ion Ratio Lower Upper

43 100

58 26.3 21.4 32.0

Instrument :

MSVOA_L

ClientSampleId :

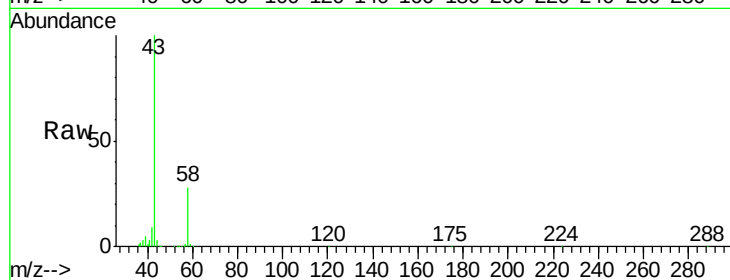
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Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

3.82

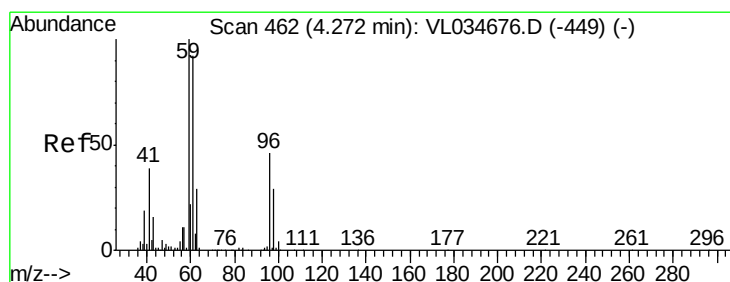
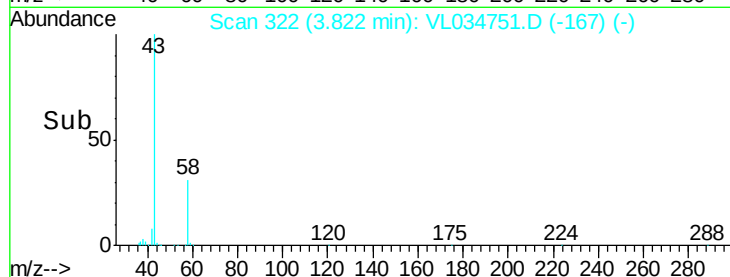
1500000

1000000

500000

0

Time--> 3.75 3.80 3.85 3.90



#17

tert-Butyl alcohol

Concen: 4.835 ppbv

RT: 4.29 min Scan# 468

Delta R.T. 0.02 min

Lab File: VL034751.D

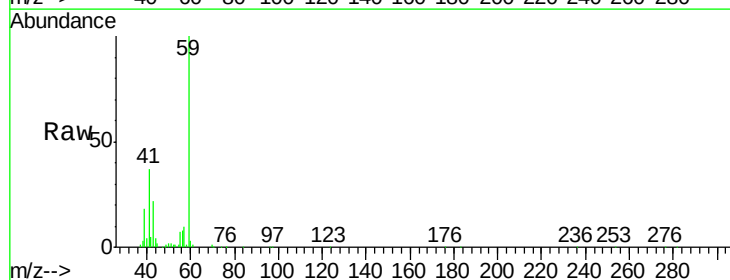
Acq: 29 Feb 2020 00:28

Tgt Ion: 59 Resp: 442447

Ion Ratio Lower Upper

59 100

57 10.6 8.8 13.2



Abundance Ion 59.10 (58.80 to 59.80): VL0

Ion 57.10 (56.80 to 57.80): VL0

4.29

250000

200000

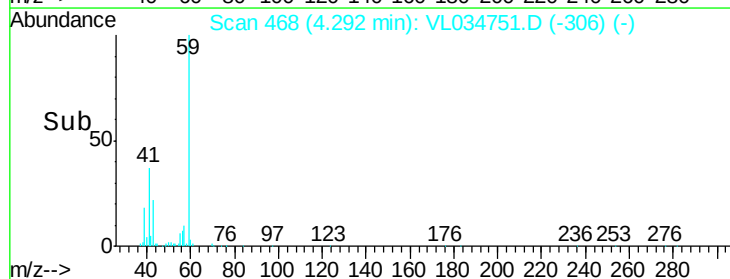
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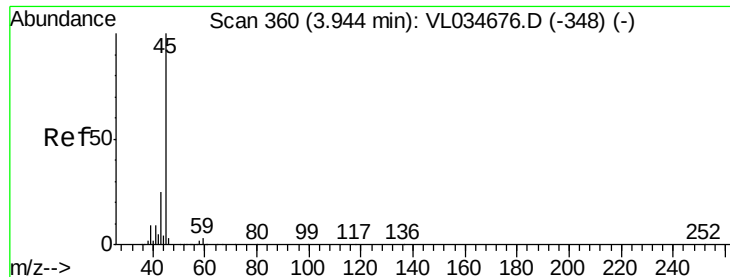
100000

50000

0

Time--> 4.25 4.30 4.35





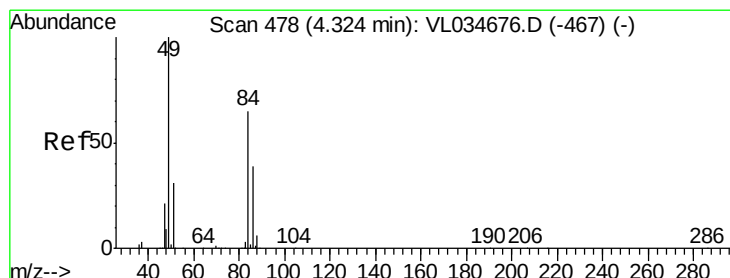
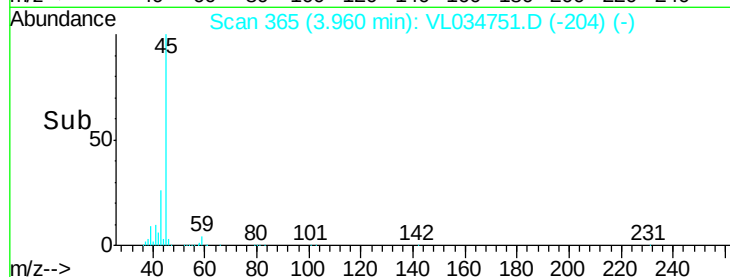
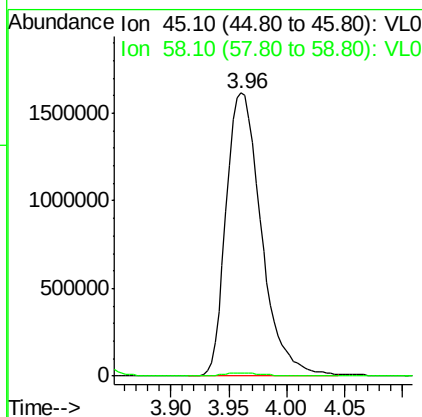
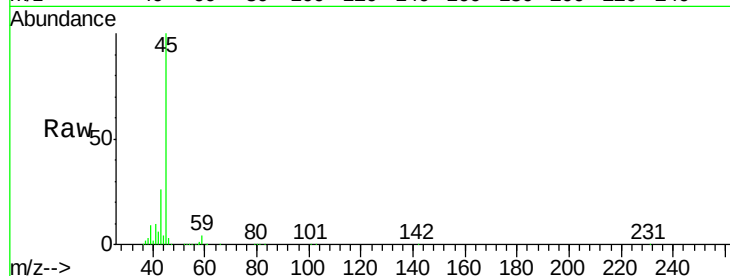
#19
Isopropyl Alcohol
Concen: 47.651 ppbv
RT: 3.96 min Scan# 365
Delta R.T. 0.02 min
Lab File: VL034751.D
Acq: 29 Feb 2020 00:28

Instrument :
MSVOA_L
ClientSampleId :
SG-9-TROPHY-CASE

Tot Ion: 45 Resp: 3389730
Ion Ratio Lower Upper
45 100
58 1.4 1.8 2.6#

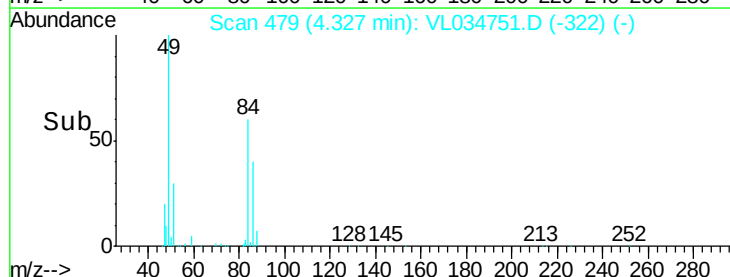
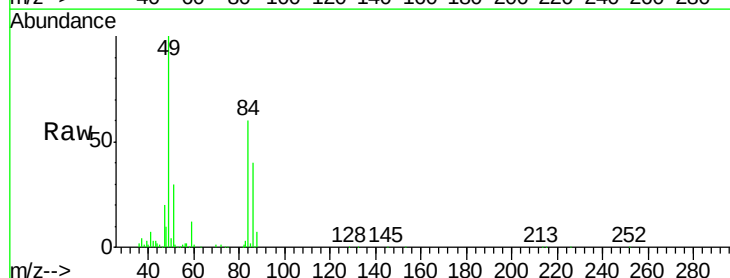
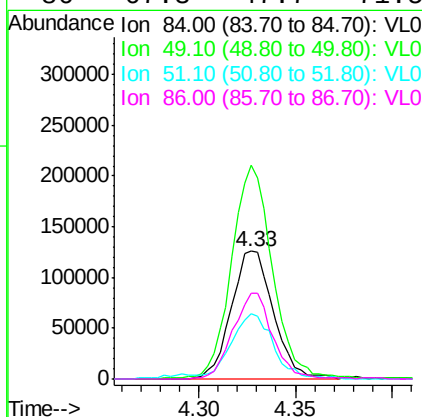
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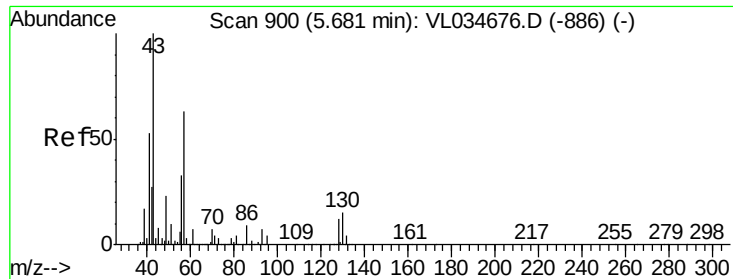
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#20
Methylene Chloride
Concen: 4.285 ppbv
RT: 4.33 min Scan# 479
Delta R.T. 0.00 min
Lab File: VL034751.D
Acq: 29 Feb 2020 00:28

Tgt Ion: 84 Resp: 190326
Ion Ratio Lower Upper
84 100
49 166.1 122.8 184.2
51 49.6 38.6 58.0
86 67.3 47.7 71.5





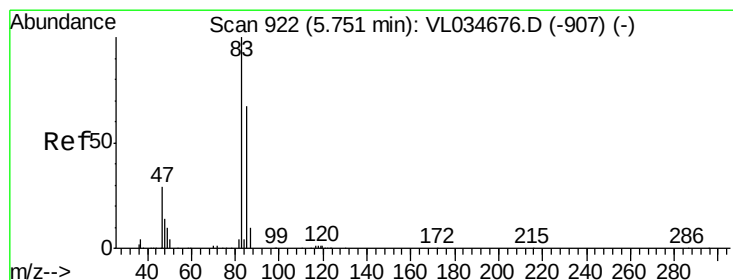
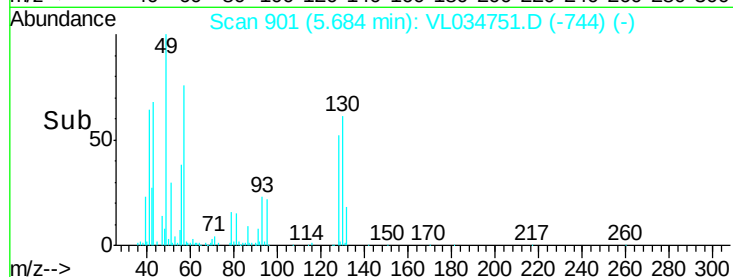
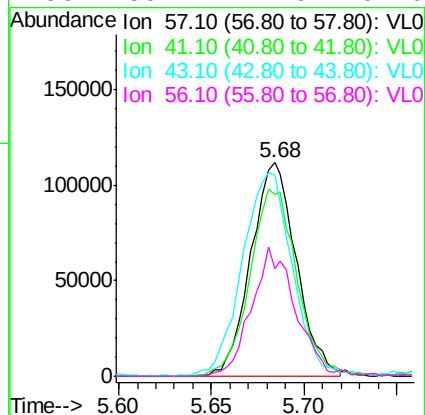
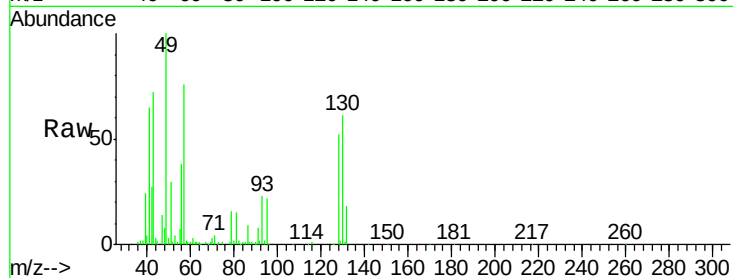
#26
Hexane
Concen: 1.952 ppbv
RT: 5.68 min Scan# 901
Delta R.T. 0.00 min
Lab File: VL034751.D
Acq: 29 Feb 2020 00:28

Instrument :
MSVOA_L
ClientSampleId :
SG-9-TROPHY-CASE

Tot Ion	57	Resp	190198
Ion	Ratio	Lower	Upper
57	100		
41	92.2	70.3	105.5
43	105.2	177.0	265.4#
56	59.4	42.6	64.0

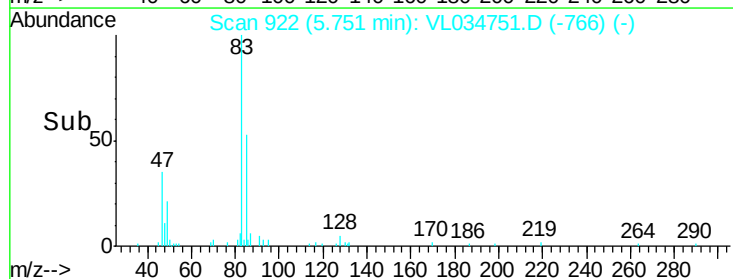
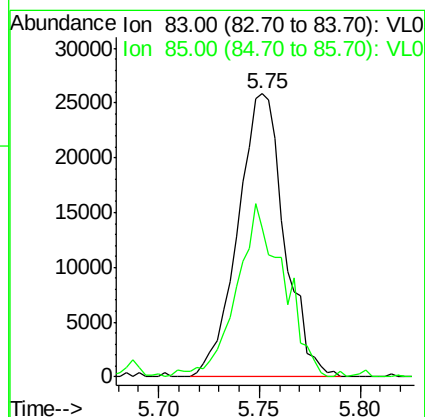
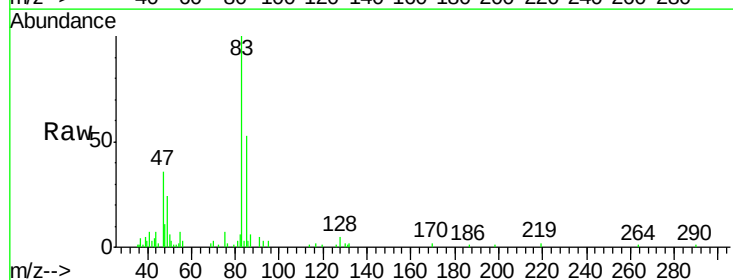
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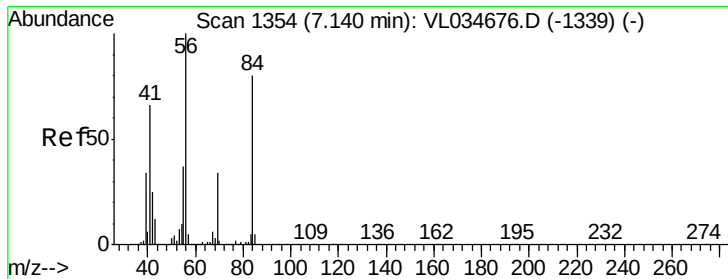
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#29
Chloroform
Concen: 0.270 ppbv
RT: 5.75 min Scan# 922
Delta R.T. 0.00 min
Lab File: VL034751.D
Acq: 29 Feb 2020 00:28

Tgt Ion	83	Resp	41842
Ion	Ratio	Lower	Upper
83	100		
85	50.8	53.9	80.9#





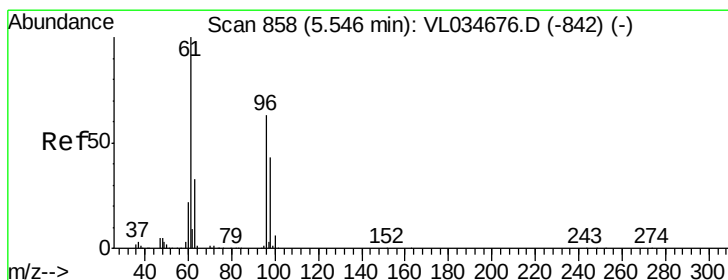
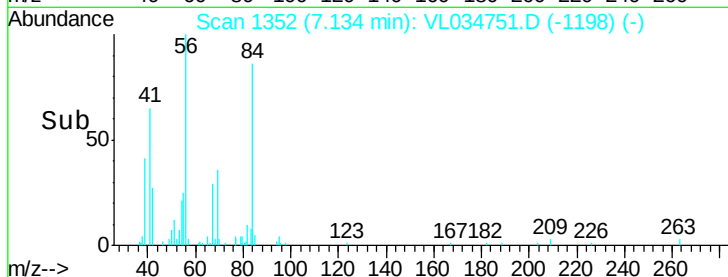
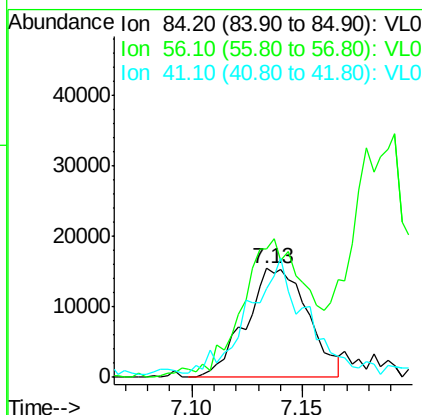
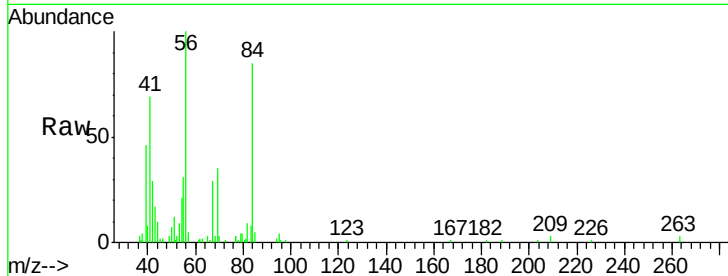
#30
Cyclohexane
Concen: 0.397 ppbv
RT: 7.13 min Scan# 1352
Delta R.T. -0.01 min
Lab File: VL034751.D
Acq: 29 Feb 2020 00:28

Instrument :
MSVOA_L
ClientSampleId :
SG-9-TROPHY-CASE

Tot Ion	Ratio	Lower	Upper
84	100		
56	134.1	113.4	170.2
41	110.3	68.2	102.4#

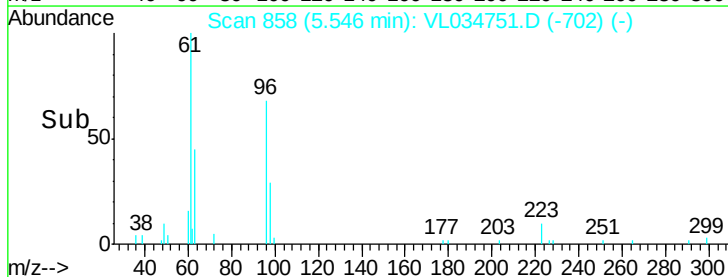
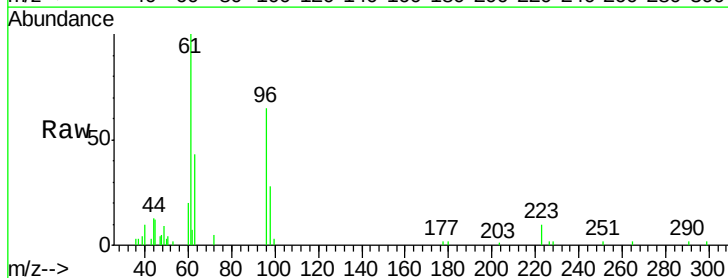
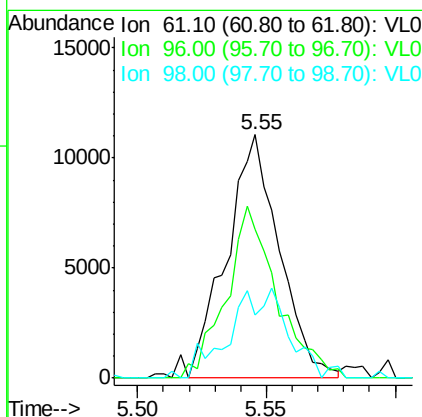
Manual Integrations
APPROVED

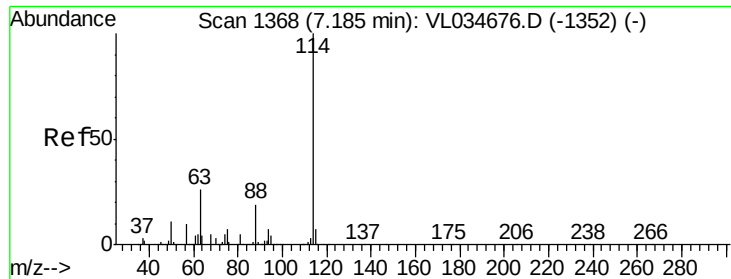
MMDadoda
3/2/2020 1:02:13 PM



#31
cis-1,2-Dichloroethene
Concen: 0.165 ppbv
RT: 5.55 min Scan# 858
Delta R.T. 0.00 min
Lab File: VL034751.D
Acq: 29 Feb 2020 00:28

Tgt Ion	Ratio	Lower	Upper
61	100		
96	57.3	50.2	75.2
98	26.0	34.3	51.5#





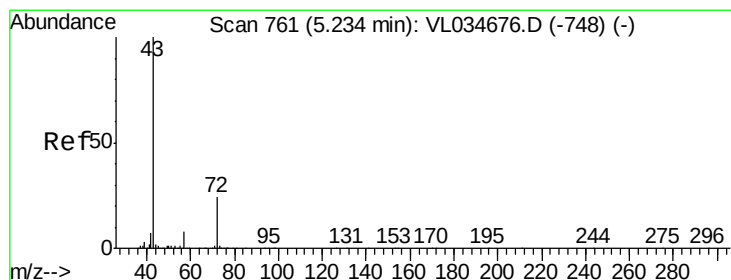
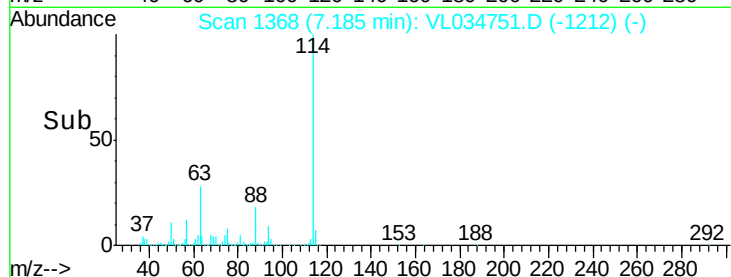
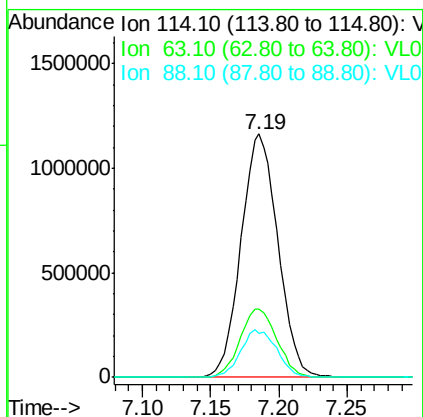
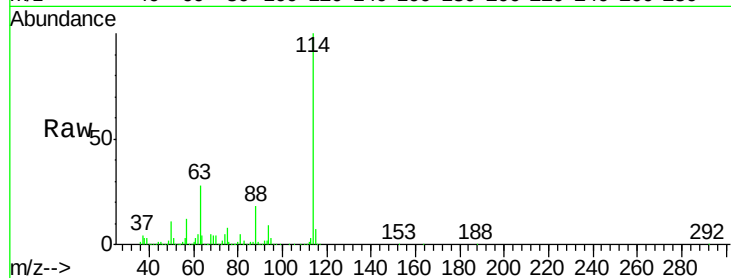
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.19 min Scan# 1368
 Delta R.T. 0.00 min
 Lab File: VL034751.D
 Acq: 29 Feb 2020 00:28

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-9-TROPHY-CASE

Tot Ion	Ratio	Lower	Upper
114	100		
63	28.2	22.9	34.3
88	19.3	15.8	23.6

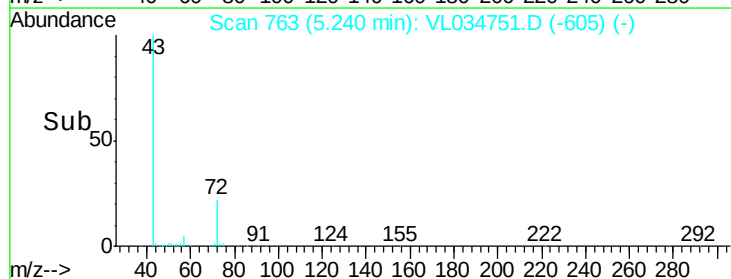
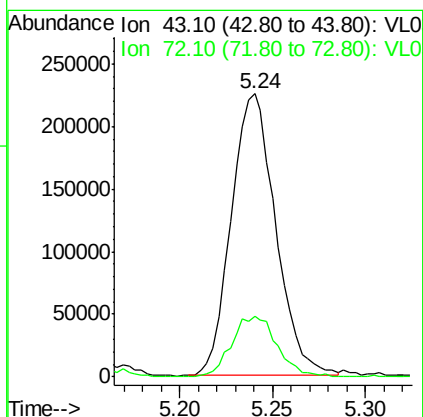
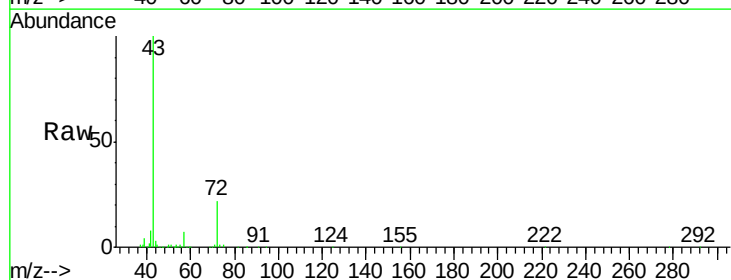
Manual Integrations
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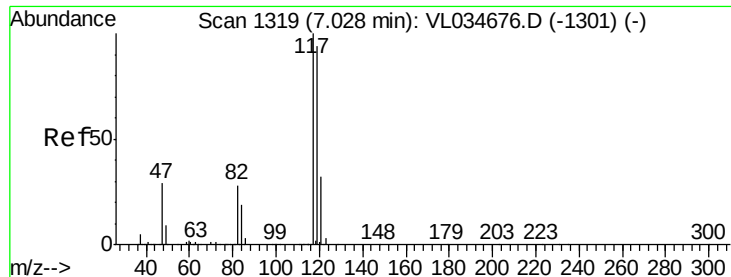
MMDadoda
 3/2/2020 1:02:13 PM



#34
 2-Butanone
 Concen: 2.712 ppbv
 RT: 5.24 min Scan# 763
 Delta R.T. 0.01 min
 Lab File: VL034751.D
 Acq: 29 Feb 2020 00:28

Tgt Ion	Ratio	Lower	Upper
43	100		
72	22.5	18.2	27.2





#35

Carbon Tetrachloride

Concen: 0.070 ppbv m

RT: 7.02 min Scan# 1318

Delta R.T. -0.00 min

Lab File: VL034751.D

Acq: 29 Feb 2020 00:28

Instrument :

MSVOA_L

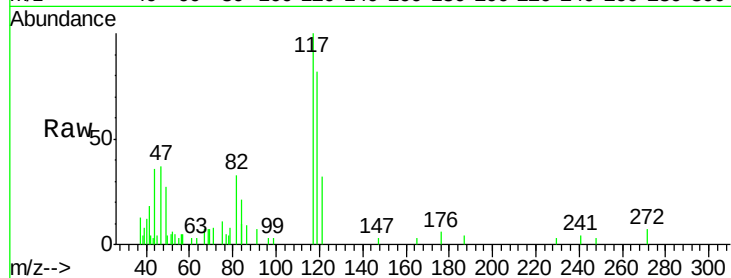
ClientSampleId :

SG-9-TROPHY-CASE

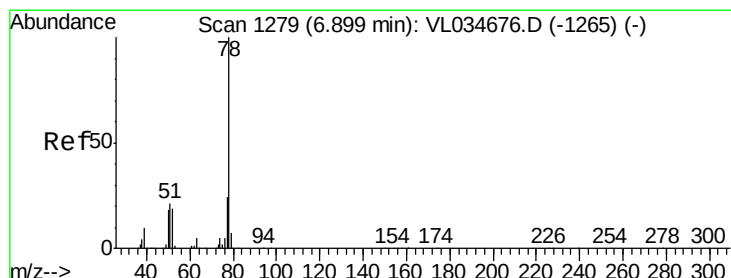
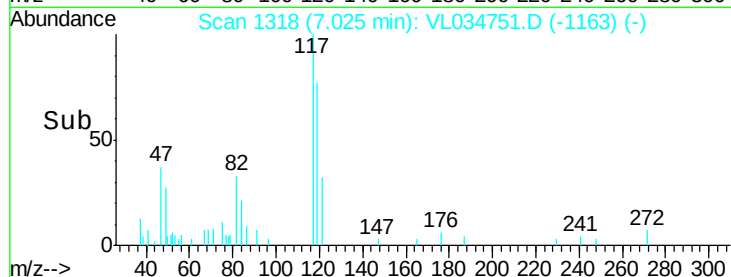
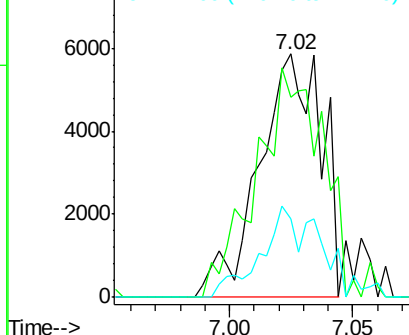
Tot Ion:	117	Resp:	10174
Ion	Ratio	Lower	Upper
117	100		
119	81.9	75.5	113.3
121	32.4	25.4	38.0

Manual Integrations
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3/2/2020 1:02:13 PM



Abundance Ion 117.00 (116.70 to 117.70): V
Ion 119.00 (118.70 to 119.70): V
Ion 121.00 (120.70 to 121.70): V



#36

Benzene

Concen: 0.476 ppbv

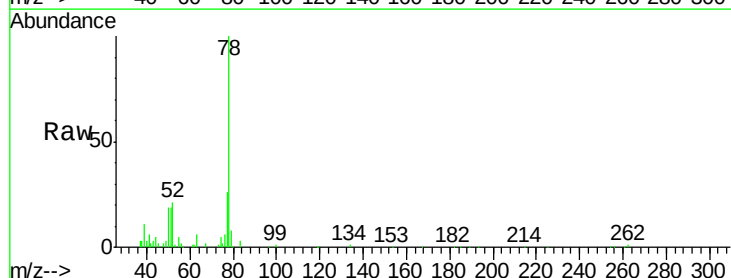
RT: 6.90 min Scan# 1279

Delta R.T. 0.00 min

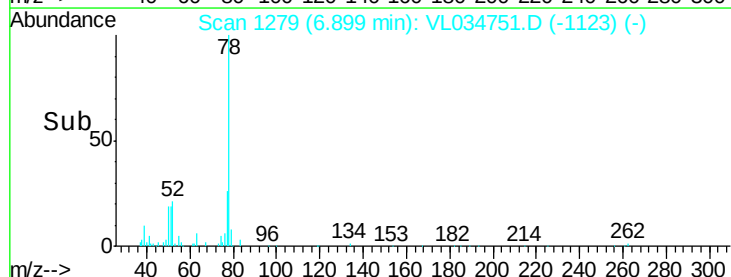
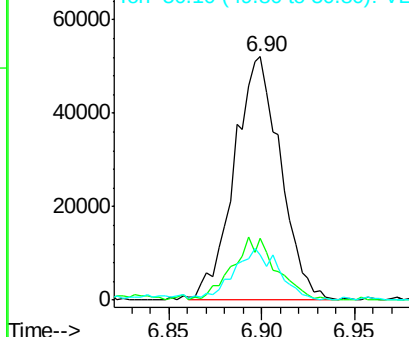
Lab File: VL034751.D

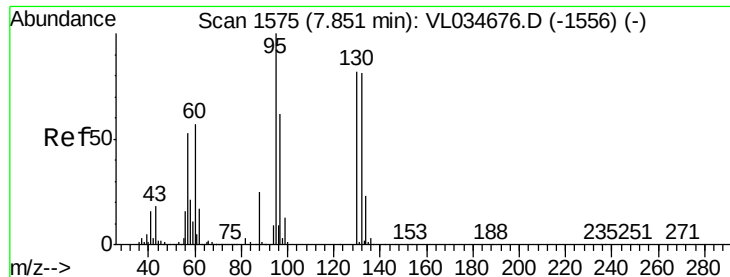
Acq: 29 Feb 2020 00:28

Tgt Ion:	78	Resp:	89753
Ion	Ratio	Lower	Upper
78	100		
77	25.7	19.5	29.3
50	18.6	14.6	21.8



Abundance Ion 78.10 (77.80 to 78.80): VL0
Ion 77.10 (76.80 to 77.80): VL0
Ion 50.10 (49.80 to 50.80): VL0





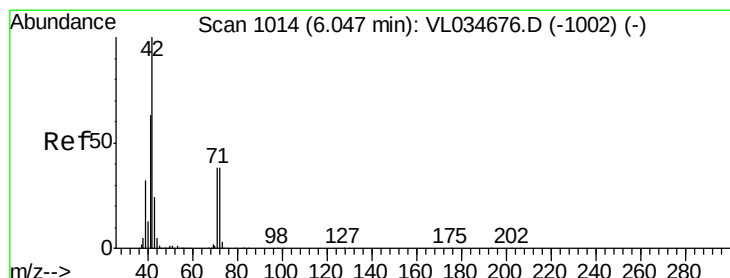
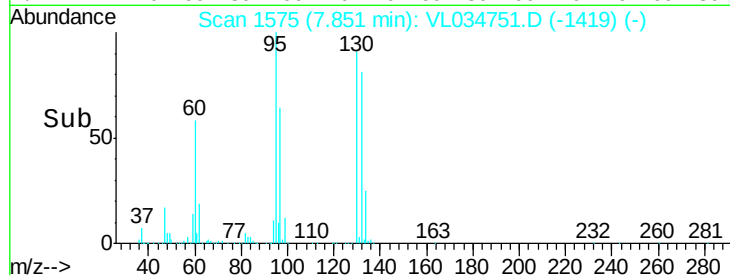
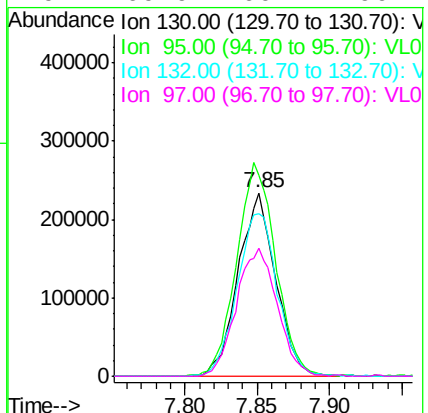
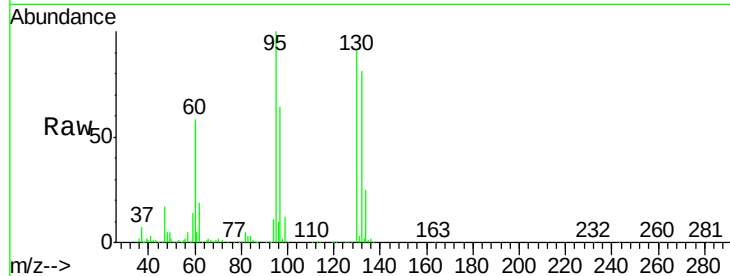
#38
 Trichloroethene
 Concen: 5.792 ppbv
 RT: 7.85 min Scan# 1575
 Delta R.T. 0.00 min
 Lab File: VL034751.D
 Acq: 29 Feb 2020 00:28

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-9-TROPHY-CASE

Tot Ion	Ratio	Resp	Lower	Upper
130	100	420999		
95	109.5		97.1	145.7
132	88.8		78.3	117.5
97	69.9		60.1	90.1

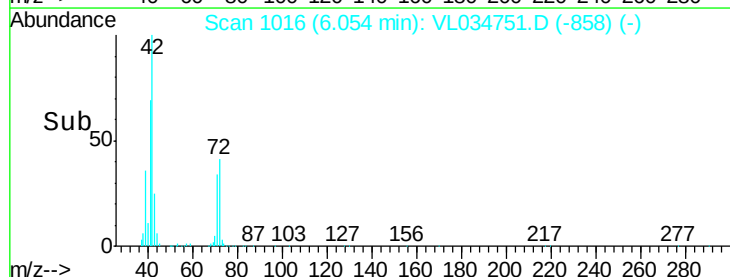
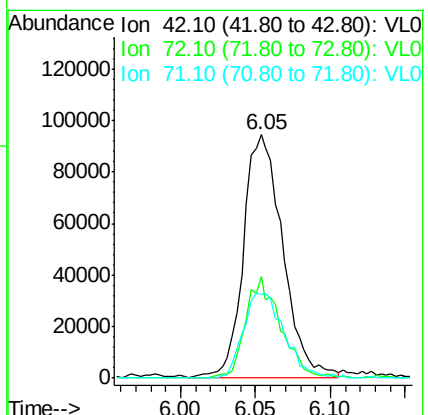
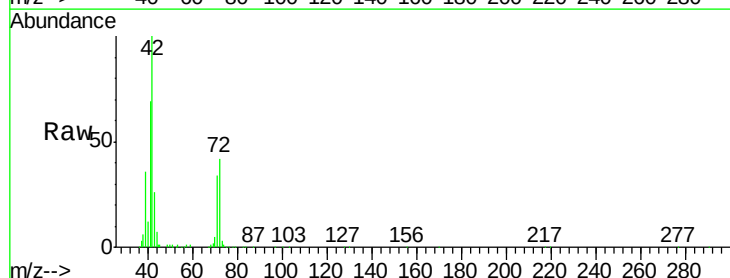
Manual Integrations
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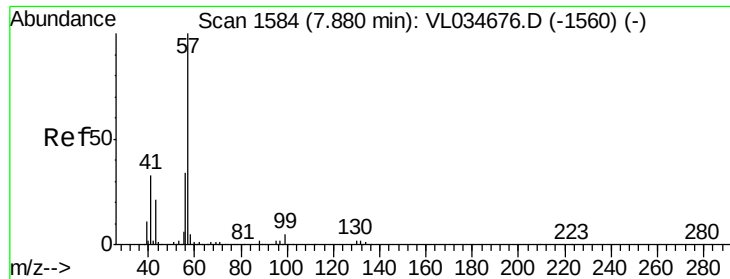
MMDadoda
 3/2/2020 1:02:13 PM



#41
 Tetrahydrofuran
 Concen: 2.360 ppbv
 RT: 6.05 min Scan# 1016
 Delta R.T. 0.01 min
 Lab File: VL034751.D
 Acq: 29 Feb 2020 00:28

Tgt Ion	Ratio	Resp	Lower	Upper
42	100	171197		
72	38.1		31.7	47.5
71	36.6		30.7	46.1





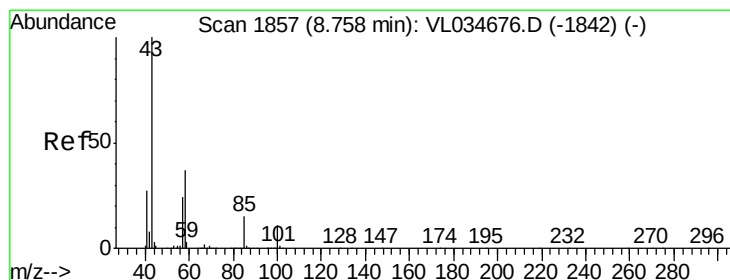
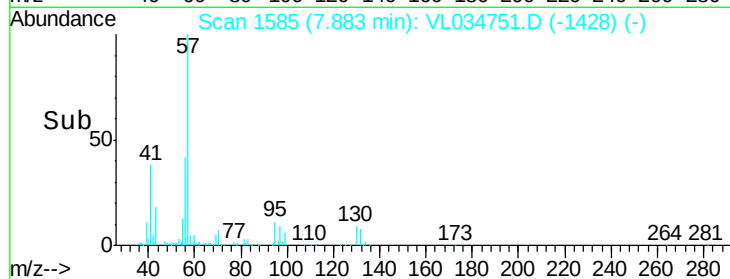
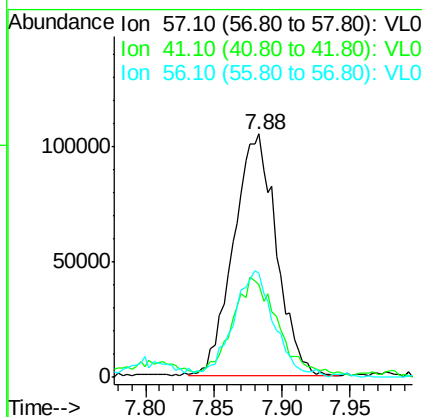
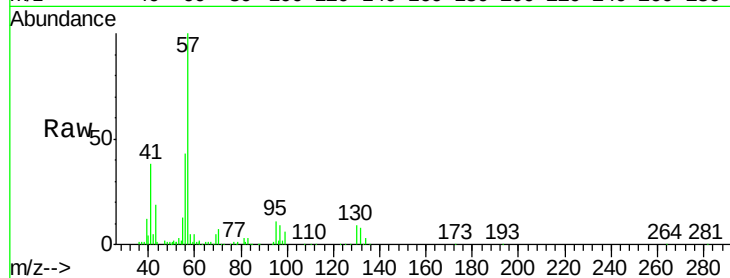
#44
 2,2,4-Trimethylpentane
 Concen: 0.694 ppbv
 RT: 7.88 min Scan# 1585
 Delta R.T. 0.00 min
 Lab File: VL034751.D
 Acq: 29 Feb 2020 00:28

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-9-TROPHY-CASE

Tot Ion	Ratio	Lower	Upper
57	100		
41	45.9	26.0	39.0#
56	42.5	25.6	38.4#

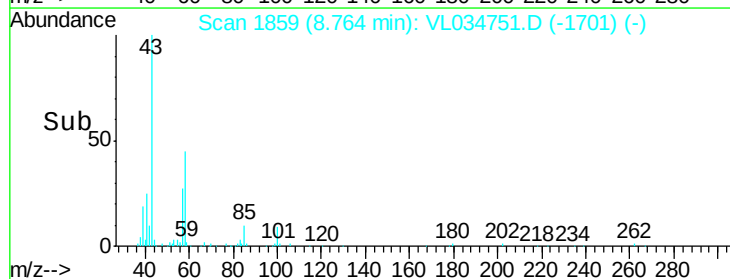
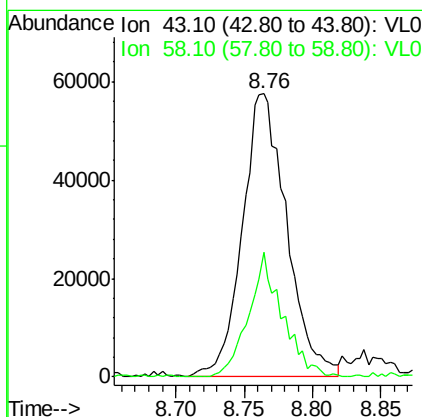
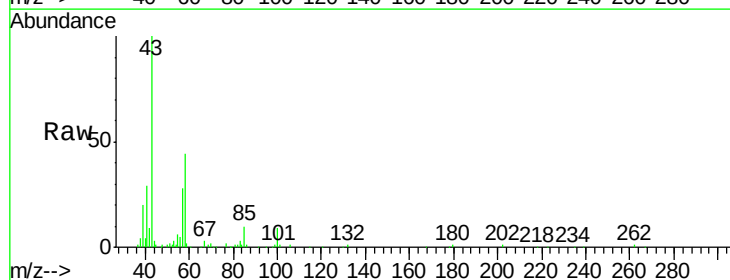
Manual Integrations
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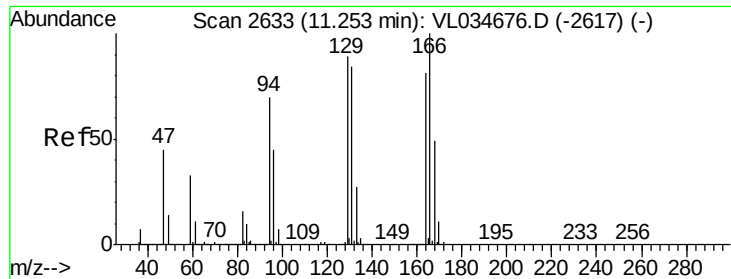
MMDadoda
 3/2/2020 1:02:13 PM



#50
 4-Methyl-2-Pentanone
 Concen: 0.670 ppbv
 RT: 8.76 min Scan# 1859
 Delta R.T. 0.01 min
 Lab File: VL034751.D
 Acq: 29 Feb 2020 00:28

Tgt Ion	Ratio	Lower	Upper
43	100		
58	33.4	29.0	43.6





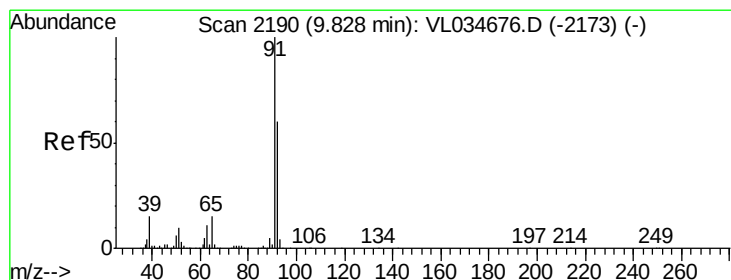
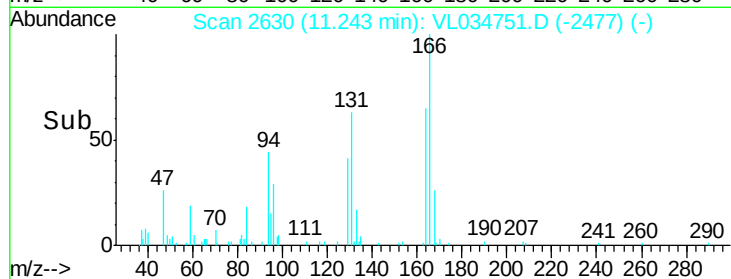
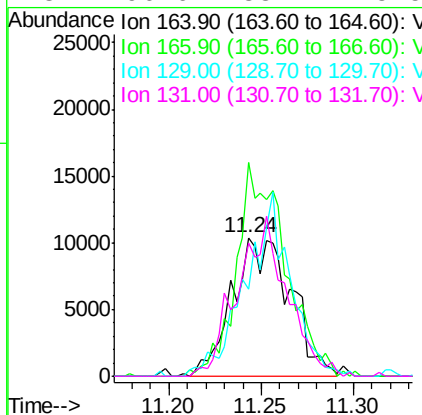
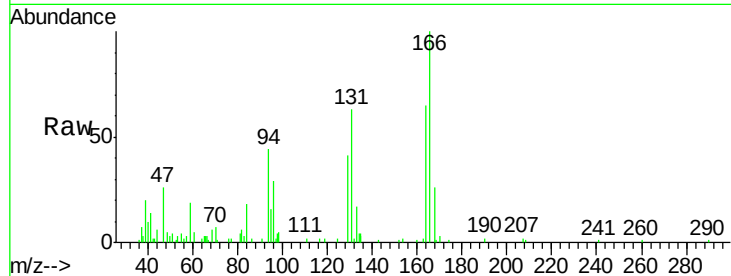
#52
Tetrachloroethene
Concen: 0.330 ppbv m
RT: 11.24 min Scan# 2630
Delta R.T. -0.01 min
Lab File: VL034751.D
Acq: 29 Feb 2020 00:28

Instrument :
MSVOA_L
ClientSampleId :
SG-9-TROPHY-CASE

Tot Ion	Ratio	Lower	Upper
164	100		
166	154.4	99.2	148.8#
129	62.7	88.0	132.0#
131	96.6	83.7	125.5

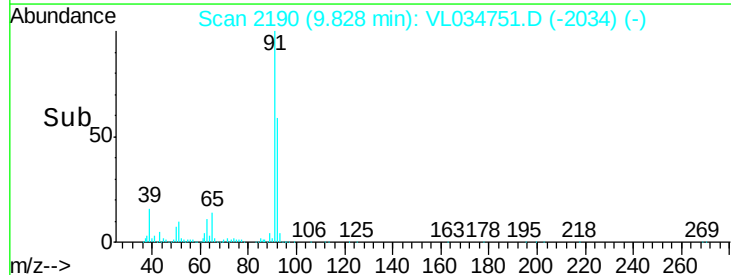
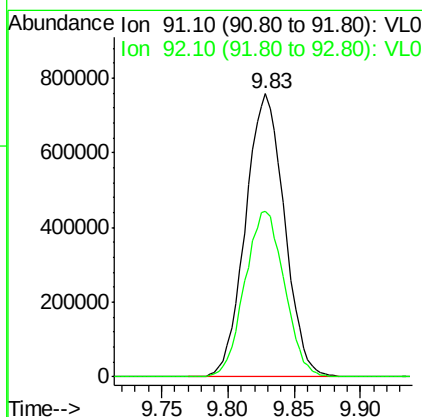
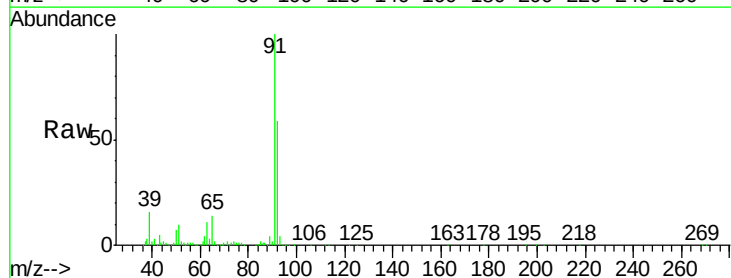
Manual Integrations
APPROVED

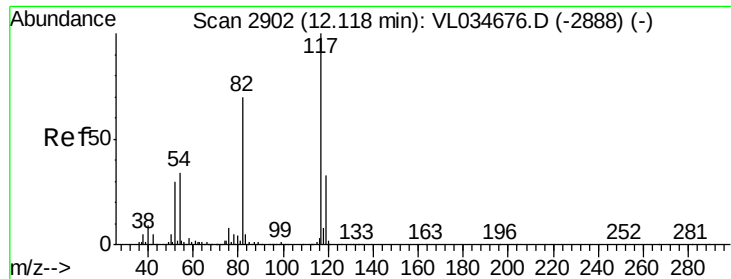
MMDadoda
3/2/2020 1:02:13 PM



#53
Toluene
Concen: 7.715 ppbv
RT: 9.83 min Scan# 2190
Delta R.T. 0.00 min
Lab File: VL034751.D
Acq: 29 Feb 2020 00:28

Tgt Ion	Ratio	Lower	Upper
91	100		
92	59.6	48.5	72.7





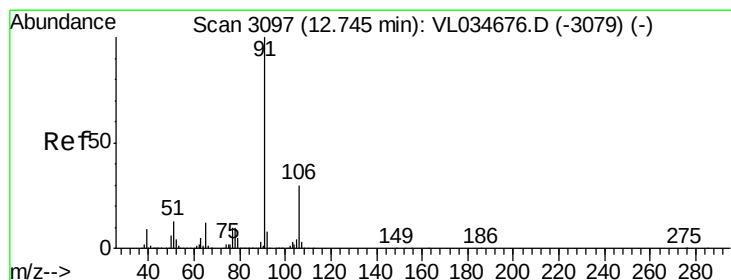
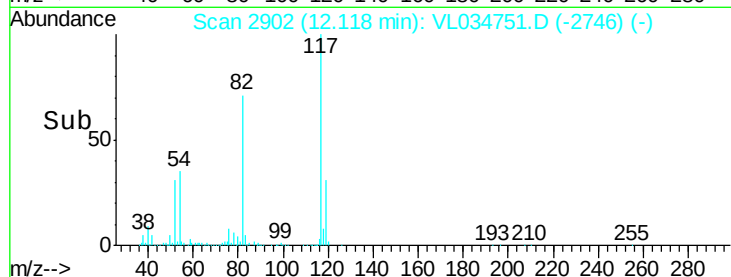
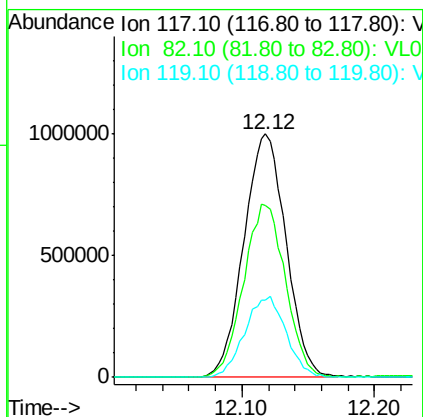
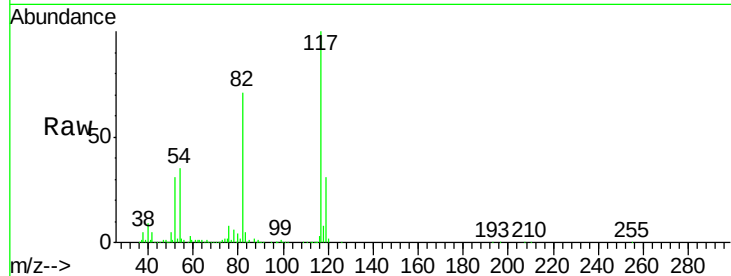
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.12 min Scan# 2902
Delta R.T. 0.00 min
Lab File: VL034751.D
Acq: 29 Feb 2020 00:28

Instrument :
MSVOA_L
ClientSampleId :
SG-9-TROPHY-CASE

Tot Ion	Ratio	Lower	Upper
117	100		
82	70.8	54.1	81.1
119	32.5	27.6	41.4

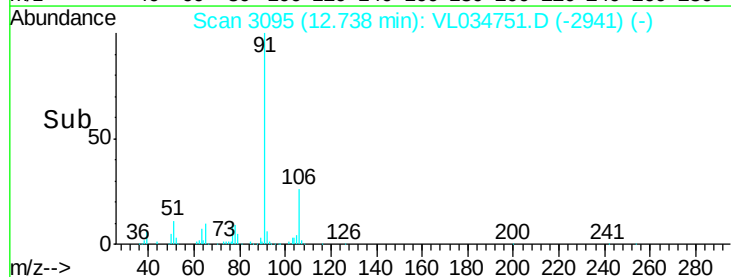
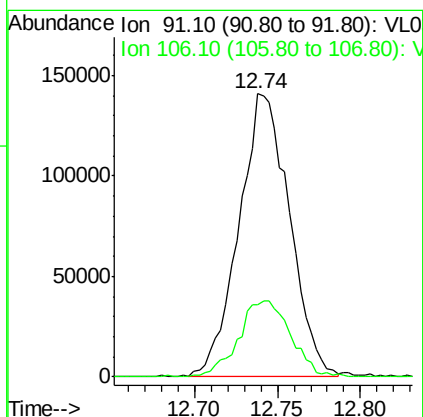
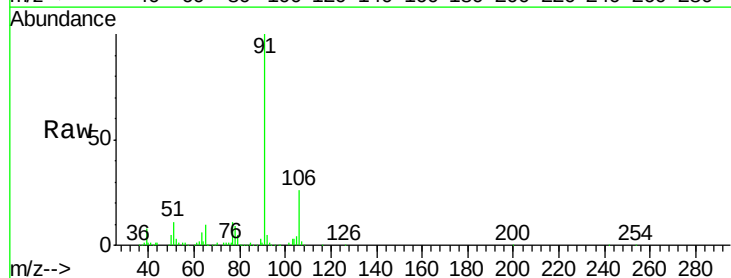
Manual Integrations
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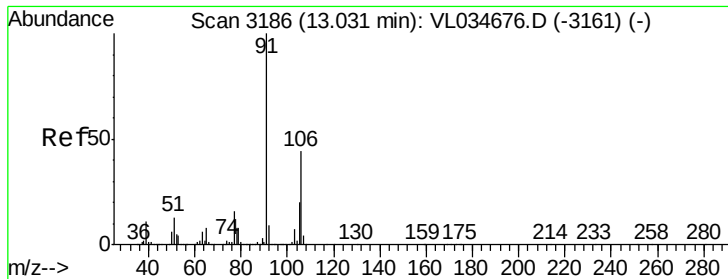
MMDadoda
3/2/2020 1:02:13 PM



#58
Ethyl Benzene
Concen: 1.109 ppbv
RT: 12.74 min Scan# 3095
Delta R.T. -0.01 min
Lab File: VL034751.D
Acq: 29 Feb 2020 00:28

Tgt Ion	Ratio	Lower	Upper
91	100		
106	25.5	24.0	36.0





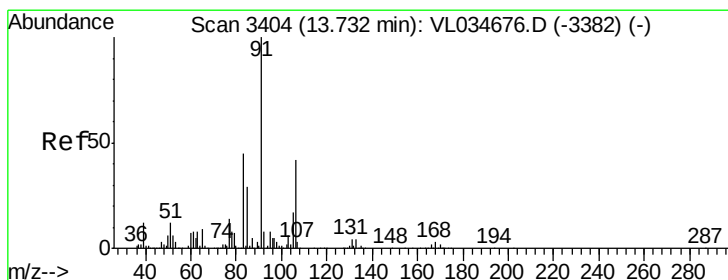
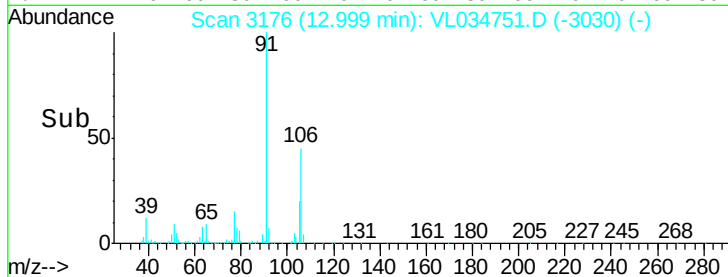
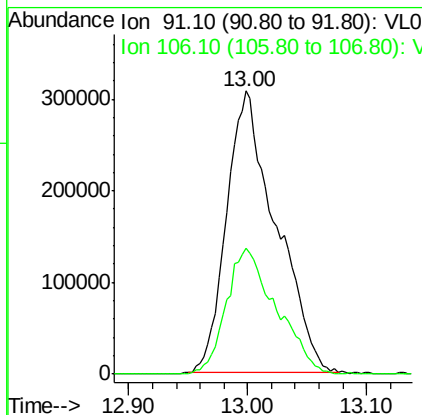
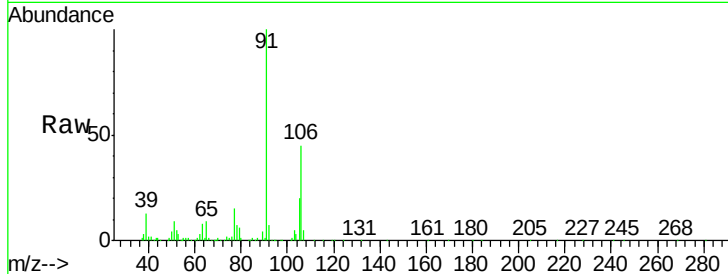
#59
m/p-Xylene
Concen: 3.800 ppbv
RT: 13.00 min Scan# 3176
Delta R.T. -0.03 min
Lab File: VL034751.D
Acq: 29 Feb 2020 00:28

Instrument :
MSVOA_L
ClientSampleId :
SG-9-TROPHY-CASE

Tot Ion: 91 Resp: 883816
Ion Ratio Lower Upper
91 100
106 45.1 35.6 53.4

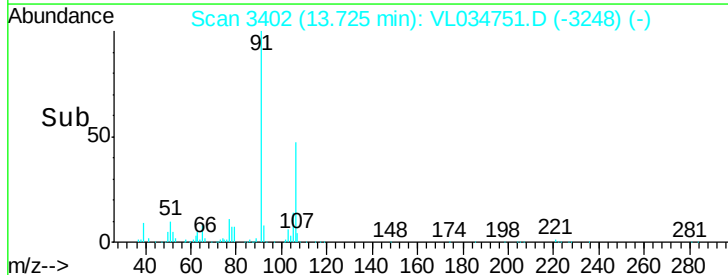
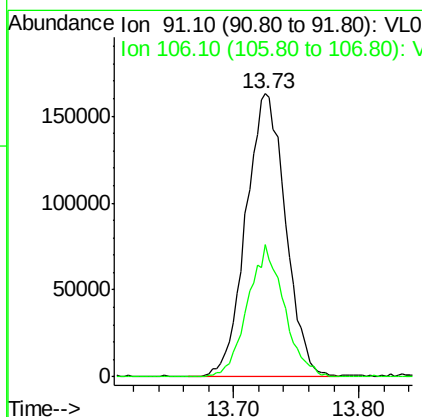
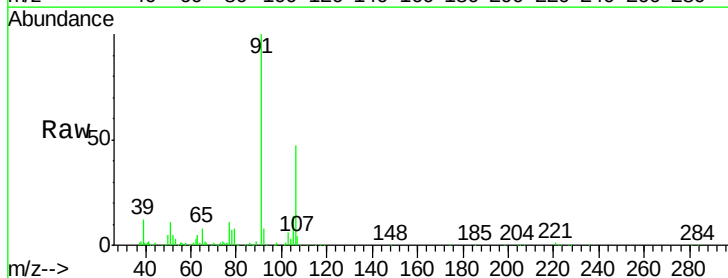
Manual Integrations
APPROVED

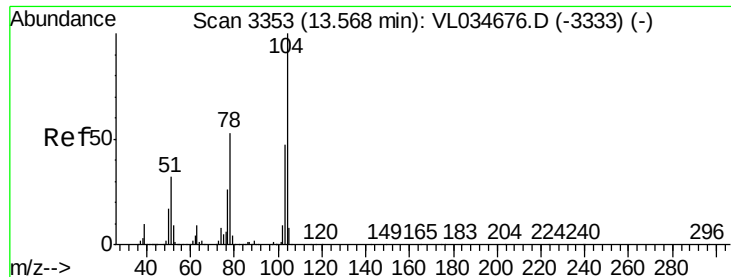
MMDadoda
3/2/2020 1:02:13 PM



#60
o-Xylene
Concen: 1.542 ppbv
RT: 13.73 min Scan# 3402
Delta R.T. -0.01 min
Lab File: VL034751.D
Acq: 29 Feb 2020 00:28

Tgt Ion: 91 Resp: 355815
Ion Ratio Lower Upper
91 100
106 43.1 21.9 65.5





#61

Stvrene

Concen: 0.174 ppbv m

RT: 13.56 min Scan# 3352

Delta R.T. -0.00 min

Lab File: VL034751.D

Acq: 29 Feb 2020 00:28

Instrument :

MSVOA_L

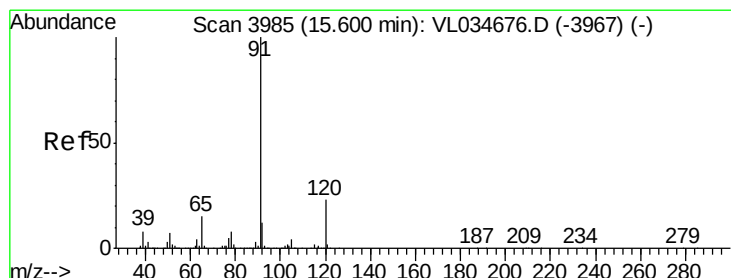
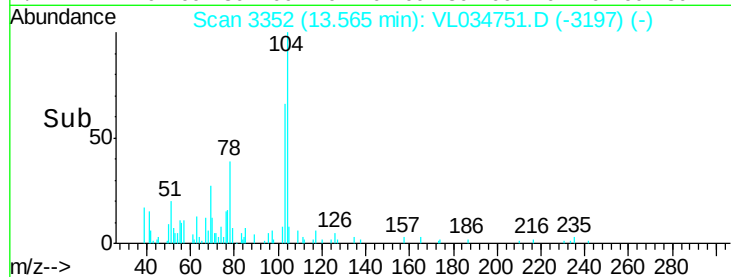
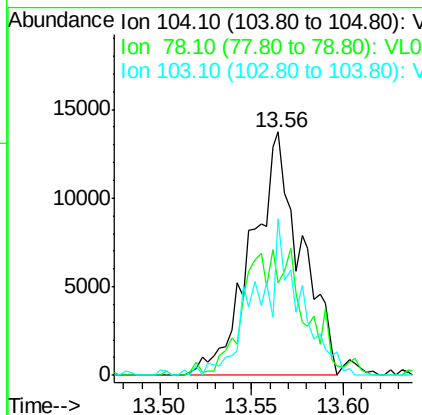
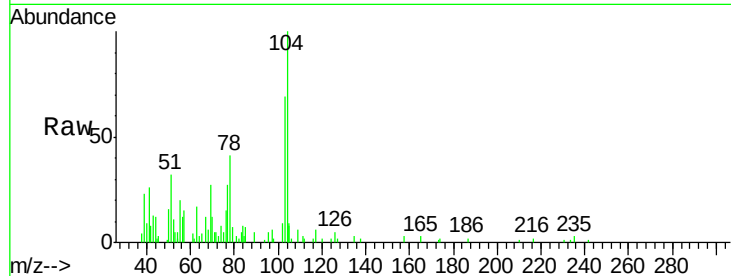
ClientSampleId :

SG-9-TROPHY-CASE

Tot Ion	Ratio	Lower	Upper
104	100		
78	0.0	44.2	66.4#
103	55.9	37.4	56.0

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#64

n-propylbenzene

Concen: 0.257 ppbv m

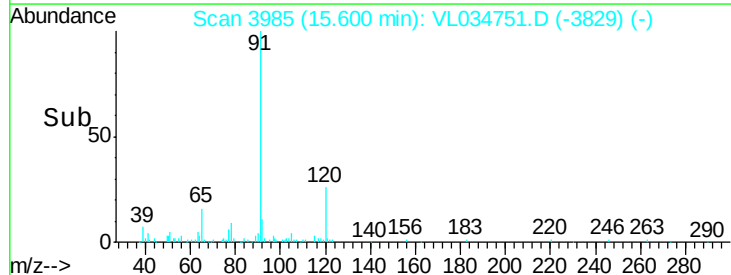
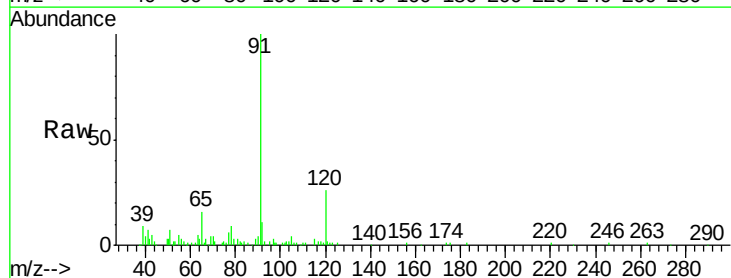
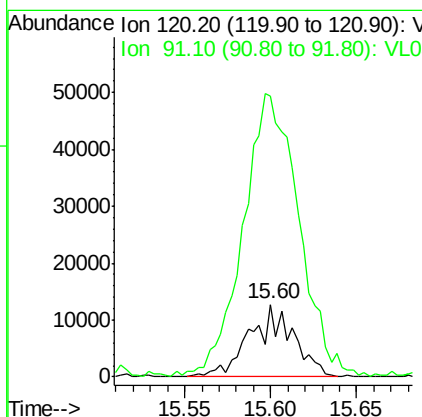
RT: 15.60 min Scan# 3985

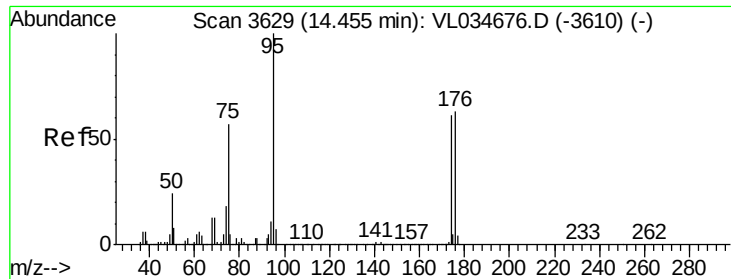
Delta R.T. 0.00 min

Lab File: VL034751.D

Acq: 29 Feb 2020 00:28

Tgt Ion	Ratio	Lower	Upper
120	100		
91	506.6	369.8	554.8





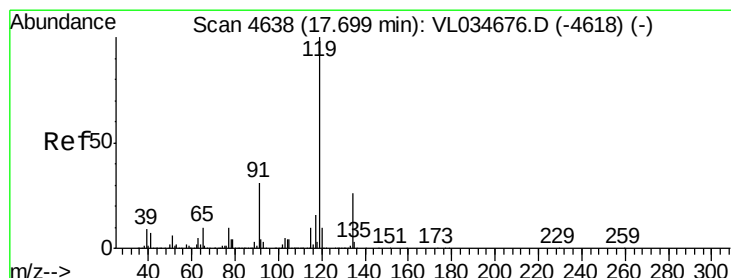
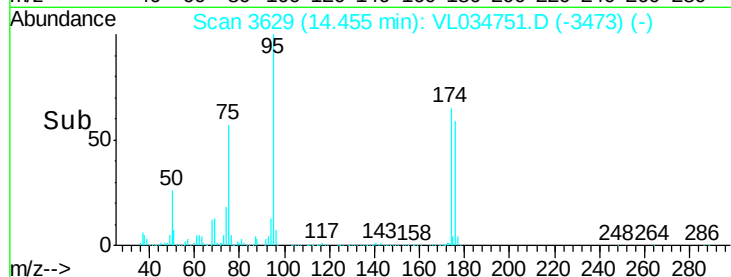
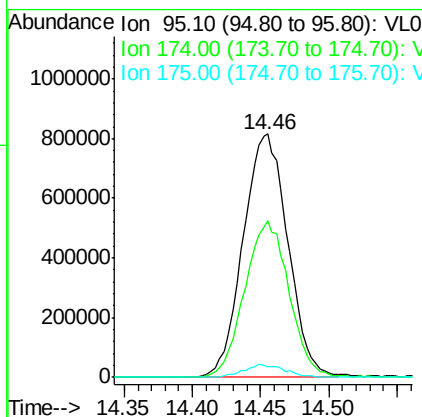
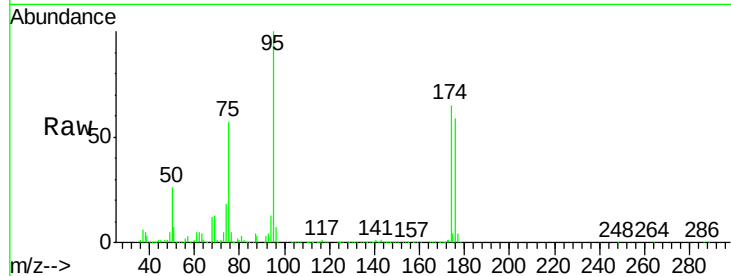
#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.260 ppbv
 RT: 14.46 min Scan# 3629
 Delta R.T. 0.00 min
 Lab File: VL034751.D
 Acq: 29 Feb 2020 00:28

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-9-TROPHY-CASE

Tot Ion: 95 Resp: 1854043
 Ion Ratio Lower Upper
 95 100
 174 63.9 50.7 76.1
 175 4.9 3.9 5.9

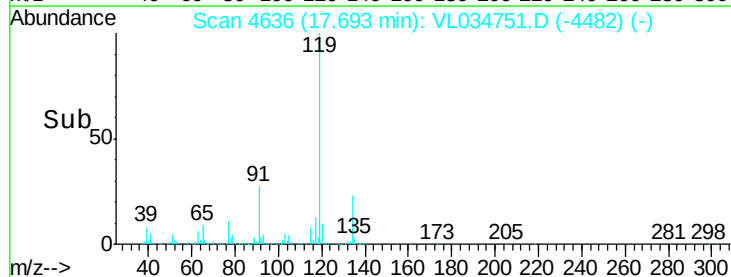
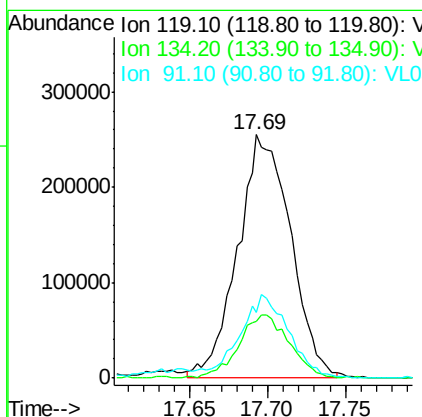
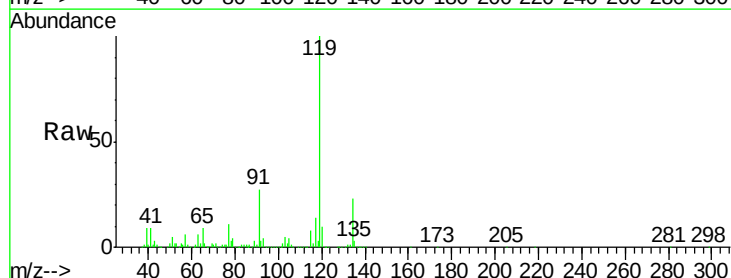
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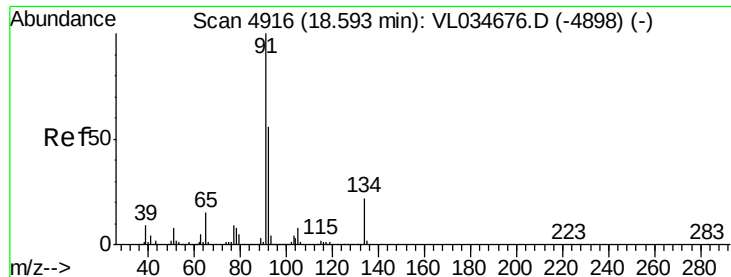
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#69
 p-Isopropyltoluene
 Concen: 1.747 ppbv m
 RT: 17.69 min Scan# 4636
 Delta R.T. -0.01 min
 Lab File: VL034751.D
 Acq: 29 Feb 2020 00:28

Tgt Ion: 119 Resp: 601541
 Ion Ratio Lower Upper
 119 100
 134 25.0 20.6 31.0
 91 35.9 25.3 37.9





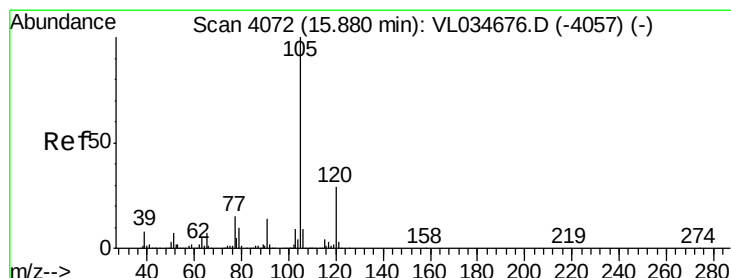
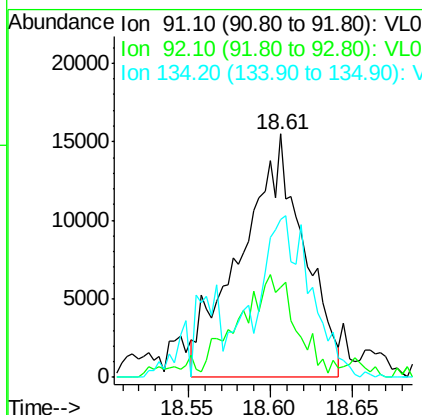
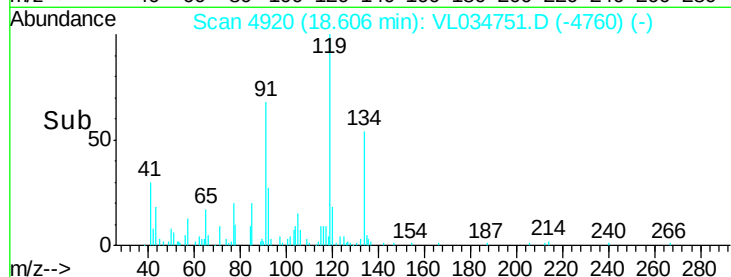
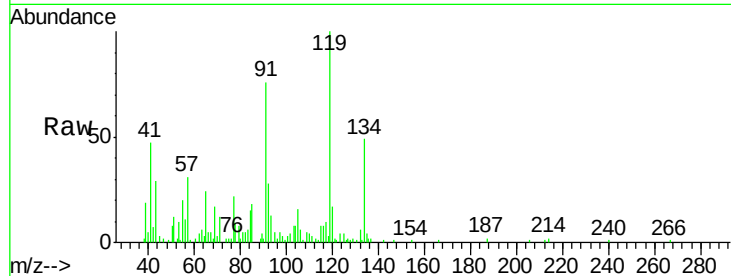
#70
n-Butylbenzene
Concen: 0.110 ppbv m
RT: 18.61 min Scan# 4920
Delta R.T. 0.01 min
Lab File: VL034751.D
Acq: 29 Feb 2020 00:28

Instrument :
MSVOA_L
ClientSampleId :
SG-9-TROPHY-CASE

Tot Ion	Ratio	Resp	Lower	Upper
91	100	41273		
92	775.9	43.8	65.6#	
134	252.1	17.6	26.4#	

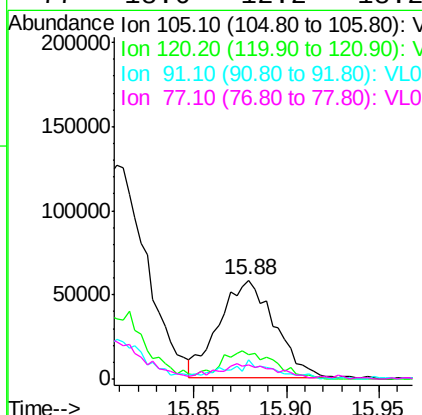
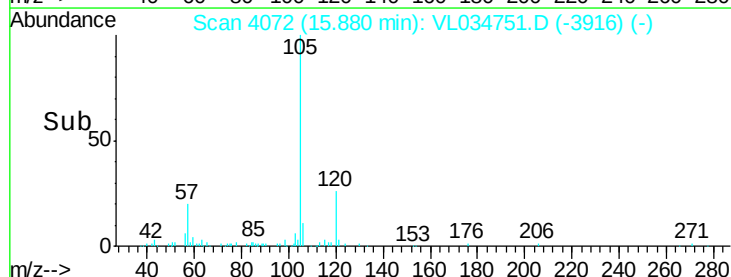
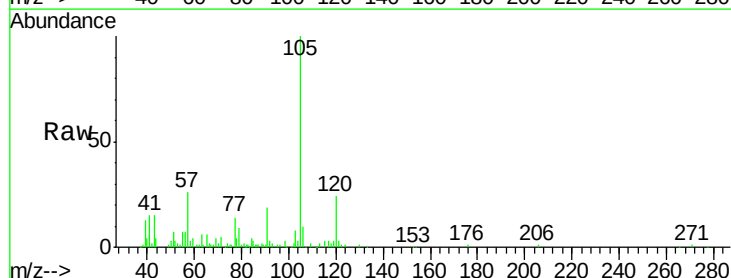
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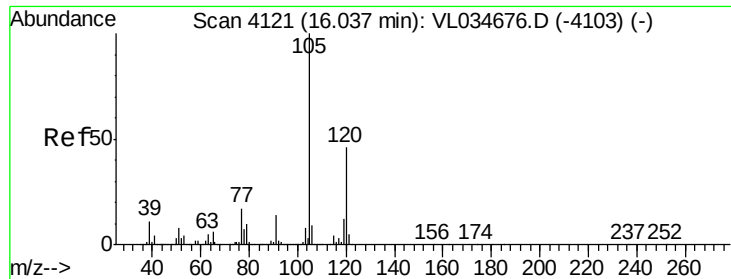
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#72
4-Ethyltoluene
Concen: 0.466 ppbv
RT: 15.88 min Scan# 4072
Delta R.T. 0.00 min
Lab File: VL034751.D
Acq: 29 Feb 2020 00:28

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	119694		
120	27.7	23.7	35.5	
91	16.1	10.9	16.3	
77	18.6	12.2	18.2#	





#73

1,3,5-Trimethylbenzene

Concen: 0.445 ppbv

RT: 16.04 min Scan# 4122

Delta R.T. 0.00 min

Lab File: VL034751.D

Acq: 29 Feb 2020 00:28

Instrument :

MSVOA_L

ClientSampleId :

SG-9-TROPHY-CASE

Tot Ion:105 Resp: 109943

Ion Ratio Lower Upper

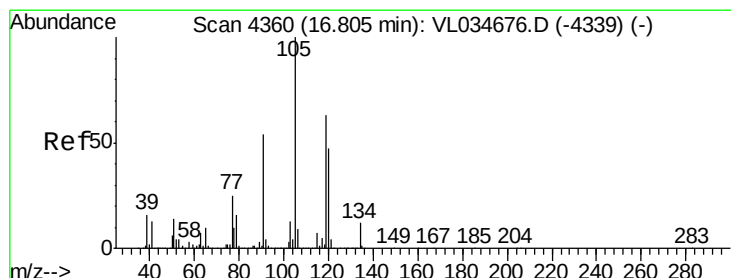
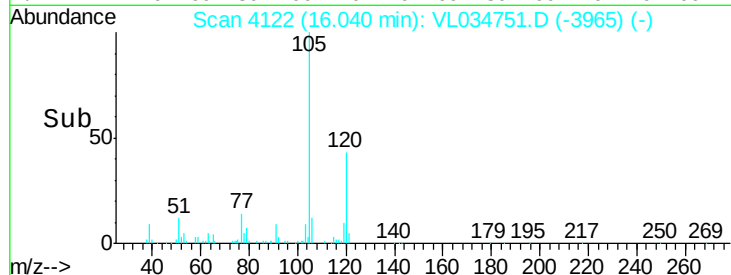
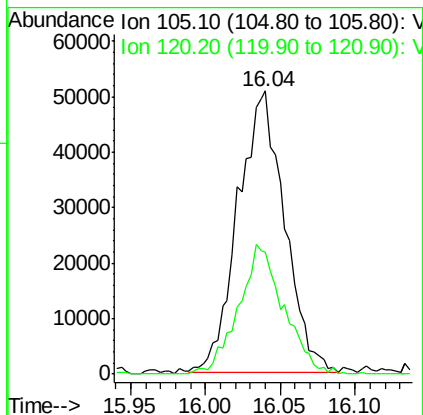
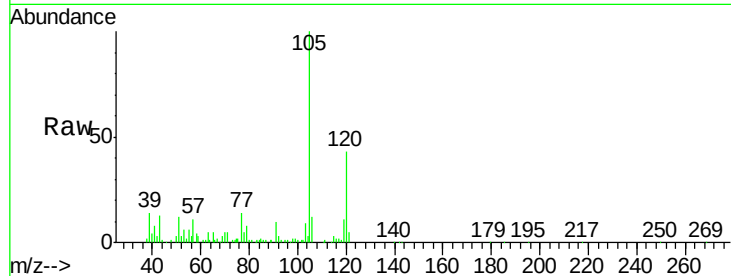
105 100

120 43.3 37.1 55.7

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#74

1,2,4-Trimethylbenzene

Concen: 1.620 ppbv

RT: 16.80 min Scan# 4359

Delta R.T. -0.00 min

Lab File: VL034751.D

Acq: 29 Feb 2020 00:28

Tgt Ion:105 Resp: 441947

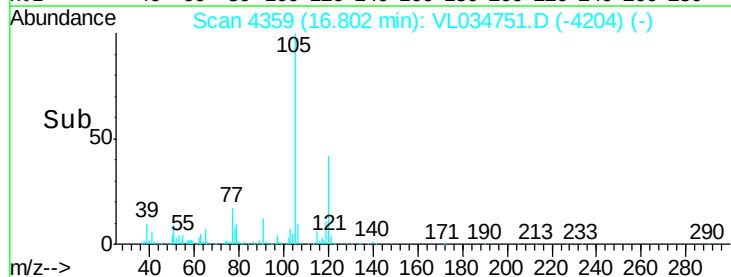
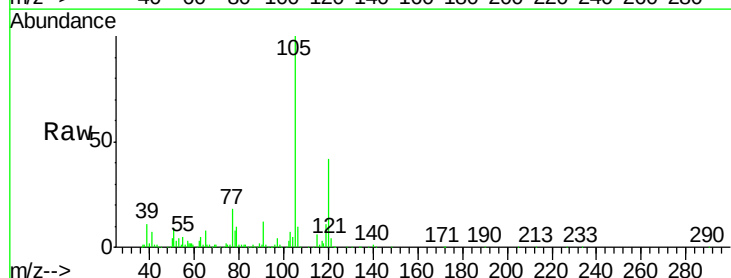
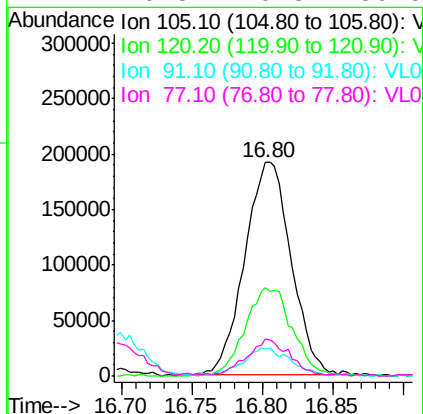
Ion Ratio Lower Upper

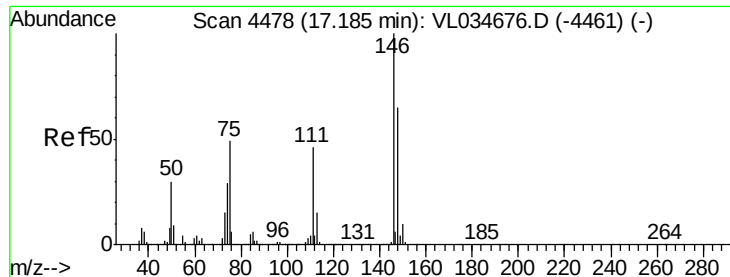
105 100

120 41.6 37.9 56.9

91 12.1 43.9 65.9#

77 16.8 20.3 30.5#





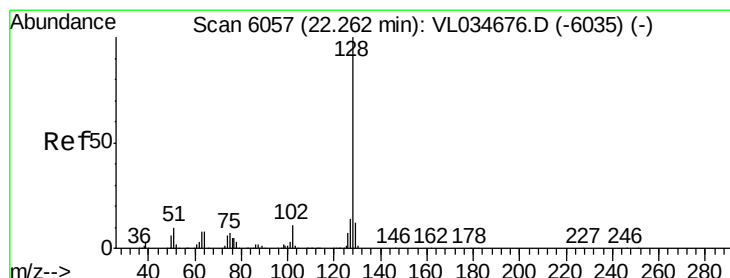
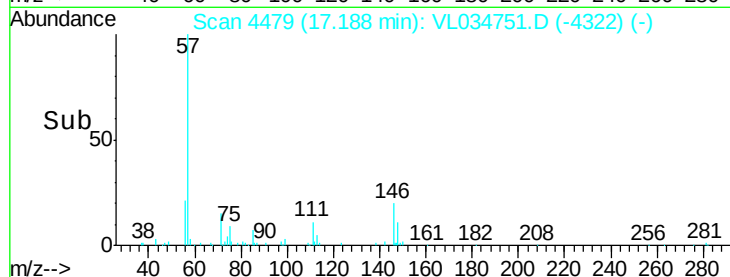
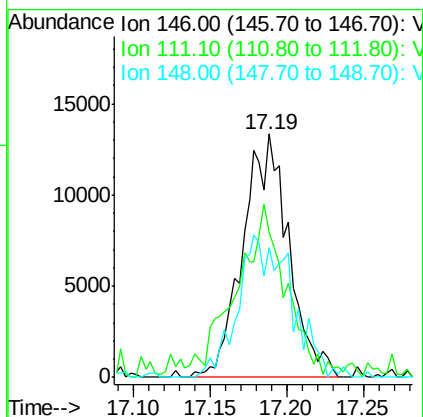
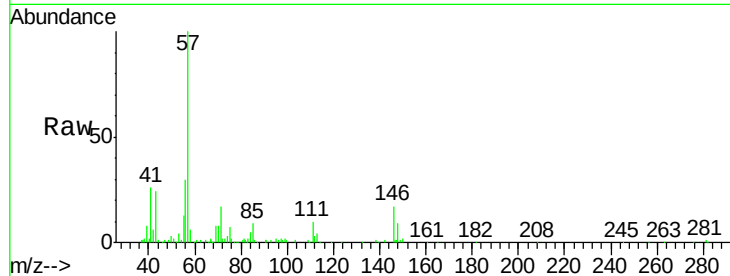
#76
 1,4-Dichlorobenzene
 Concen: 0.176 ppbv m
 RT: 17.19 min Scan# 4479
 Delta R.T. 0.00 min
 Lab File: VL034751.D
 Acq: 29 Feb 2020 00:28

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-9-TROPHY-CASE

Tot Ion	Ratio	Lower	Upper
146	100		
111	82.4	23.4	70.0#
148	0.0	31.9	95.5#

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#79
 Naphthalene
 Concen: 0.210 ppbv m
 RT: 22.26 min Scan# 6057
 Delta R.T. 0.00 min
 Lab File: VL034751.D
 Acq: 29 Feb 2020 00:28

Tgt Ion	Ratio	Lower	Upper
128	100		
127	14.9	11.0	16.6
129	18.8	9.4	14.2#

