

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL061920\
 Data File : VL035098.D
 Acq On : 19 Jun 2020 17:13
 Operator : SY/AP
 Sample : VSTDICCC001
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC001

Manual Integrations
 APPROVED

MMDadoda
 6/22/2020 2:08:59 PM

Quant Time: Jun 20 01:51:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL061920AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Sat Jun 20 2020
 QLast Update : Sat Jun 20 01:15:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1347102	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	3157909	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.10	117	2998042	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.44	95	2525424	10.45	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.50%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.00	85	212441	1.096	ppbv	95
3) Chlorodifluoromethane	2.94	51	159498	1.034	ppbv	99
4) Chloromethane	3.09	50	88537	1.003	ppbv	100
5) Vinyl Chloride	3.21	62	84160	0.979	ppbv	91
6) Bromomethane	3.43	94	50777	0.987	ppbv	95
7) Chloroethane	3.52	64	30935	1.003	ppbv	93
8) Dichlorotetrafluoroethane	3.14	85	209944	1.057	ppbv	97
9) Propene	2.96	41	59531	0.901	ppbv	98
10) Heptane	8.12	43	157535	0.951	ppbv	94
11) Trichlorofluoromethane	3.91	101	215157	1.092	ppbv	86
12) 1,1,2-Trichlorotrifluoroet	4.45	101	143548	1.025	ppbv	99
13) Ethanol	3.57	45	26197m	1.226	ppbv	
14) Bromoethene	3.70	108	60867	1.050	ppbv	98
15) Acetone	3.82	43	185457	1.043	ppbv	96
16) 1,3-Butadiene	3.29	39	73774m	0.963	ppbv	
17) tert-Butyl alcohol	4.26	59	157298	0.997	ppbv	99
18) 1,1-Dichloroethene	4.26	96	67094	1.103	ppbv	95
19) Isopropyl Alcohol	3.93	45	119998m	1.024	ppbv	
20) Methylene Chloride	4.31	84	78344	1.332	ppbv #	93
21) Allyl Chloride	4.38	41	96305	0.962	ppbv	93
22) trans-1,2-Dichloroethene	4.86	96	58777	0.986	ppbv	96
23) Vinyl Acetate	5.05	43	198413	0.890	ppbv #	97
24) 1,1-Dichloroethane	4.99	63	177333	1.020	ppbv	99
25) Ethyl Acetate	5.66	43	311823	1.045	ppbv	99
26) Hexane	5.66	57	144483	1.116	ppbv	97
27) Carbon Disulfide	4.52	76	133538	0.884	ppbv	96
28) Methyl tert-Butyl Ether	5.01	73	195802	0.996	ppbv	100
29) Chloroform	5.74	83	220400	1.037	ppbv	99
30) Cyclohexane	7.12	84	92140	0.917	ppbv	96
31) cis-1,2-Dichloroethene	5.53	61	123190	0.971	ppbv	89
32) 1,1,1-Trichloroethane	6.50	97	193399	1.007	ppbv	98
34) 2-Butanone	5.22	43	190683	0.978	ppbv	98
35) Carbon Tetrachloride	7.01	117	186674	0.938	ppbv	96
36) Benzene	6.88	78	251428	0.967	ppbv	95
37) 1,2-Dichloroethane	6.29	62	166639	1.037	ppbv	99
38) Trichloroethene	7.83	130	97503m	0.964	ppbv	
39) 1,2-Dichloropropane	7.61	63	95050m	0.913	ppbv	
40) 1,4-Dioxane	7.85	88	44121m	1.063	ppbv	
41) Tetrahydrofuran	6.05	42	90245m	0.882	ppbv	
42) Bromodichloromethane	7.79	83	197207	0.910	ppbv	96
43) Methyl Methacrylate	8.02	69	102691	0.936	ppbv	98

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Manual Integrations
 APPROVED

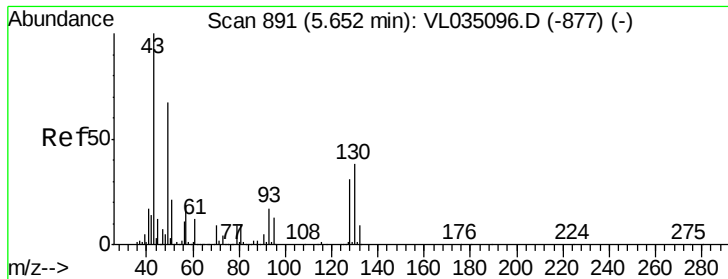
MMDadoda
 6/22/2020 2:08:59 PM

Quant Time: Jun 20 01:51:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL061920AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Sat Jun 20 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

44) 2,2,4-Trimethylpentane	7.86	57	455143m	0.986	ppbv	
45) t-1,3-Dichloropropene	9.29	75	88607m	0.805	ppbv	
46) cis-1,3-Dichloropropene	8.71	75	113659	0.839	ppbv #	89
47) 1,1,2-Trichloroethane	9.48	97	110314m	1.000	ppbv	
48) Dibromochloromethane	10.32	129	152604	0.902	ppbv	100
49) Bromoform	13.07	173	125999	0.868	ppbv	99
50) 4-Methyl-2-Pentanone	8.75	43	265545	0.956	ppbv	98
51) 2-Hexanone	10.16	43	194952	0.899	ppbv #	99
52) Tetrachloroethene	11.24	164	89736m	0.968	ppbv	
53) Toluene	9.82	91	259278	0.940	ppbv	96
54) 1,2-Dibromoethane	10.63	107	163380	1.011	ppbv	88
56) 1,1,1,2-Tetrachloroethane	12.15	131	130655	0.977	ppbv #	1
57) Chlorobenzene	12.17	112	251233m	1.067	ppbv	
58) Ethyl Benzene	12.73	91	355579	0.974	ppbv	97
59) m/p-Xylene	13.01	91	647444m	2.012	ppbv	
60) o-Xylene	13.72	91	319004	1.004	ppbv	97
61) Styrene	13.55	104	184157	0.918	ppbv	99
62) Isopropylbenzene	14.69	105	489212	1.033	ppbv	96
63) 1,1,2,2-Tetrachloroethane	13.70	83	252293	1.004	ppbv	100
64) n-propylbenzene	15.59	120	117113	0.962	ppbv	76
65) tert-Butylbenzene	16.78	119	415307	1.008	ppbv	96
66) Benzyl Chloride	17.02	91	98909	0.724	ppbv #	95
67) sec-Butylbenzene	17.33	105	598886	1.020	ppbv	98
69) p-Isopropyltoluene	17.68	119	468680	0.987	ppbv	98
70) n-Butylbenzene	18.58	91	512079	1.015	ppbv	96
71) 2-Chlorotoluene	15.48	91	361459	1.010	ppbv	98
72) 4-Ethyltoluene	15.87	105	356450	1.004	ppbv	98
73) 1,3,5-Trimethylbenzene	16.03	105	332497	0.966	ppbv	90
74) 1,2,4-Trimethylbenzene	16.79	105	385476	1.026	ppbv #	91
75) 1,3-Dichlorobenzene	17.03	146	236781	1.069	ppbv	99
76) 1,4-Dichlorobenzene	17.18	146	217615	1.035	ppbv	98
77) 1,2-Dichlorobenzene	17.85	146	215830	1.040	ppbv	98
78) Hexachloro-1,3-Butadiene	23.42	225	192273m	1.082	ppbv	
79) Naphthalene	22.26	128	312539	1.078	ppbv	98
80) Naphthalene, 2-methyl-	25.01	142	94083	1.289	ppbv	98
81) 1,2,4-Trichlorobenzene	21.98	180	187302m	1.060	ppbv	

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



#1

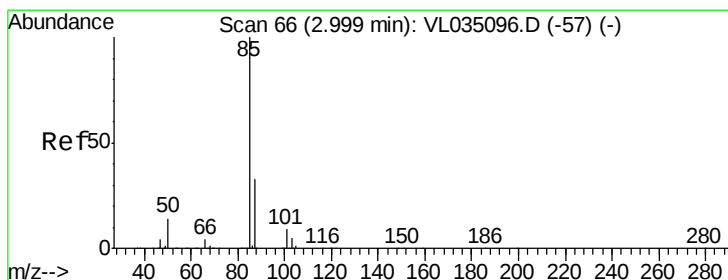
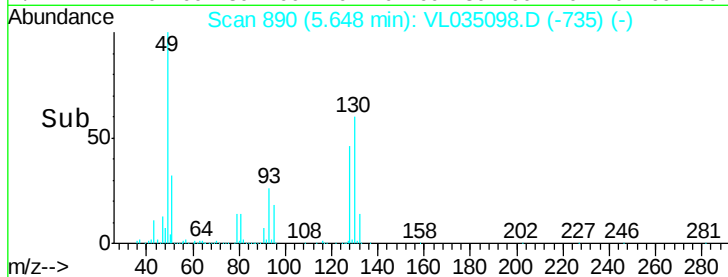
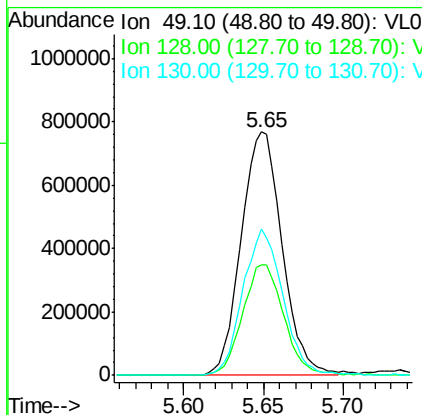
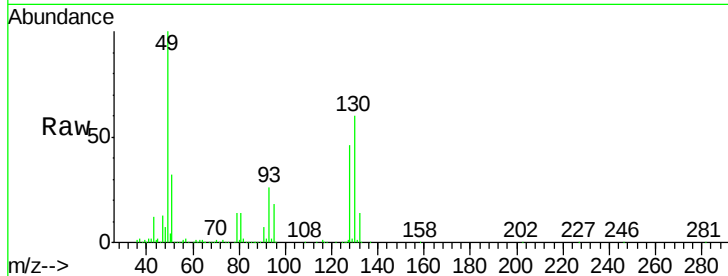
Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.65 min Scan# 890
 Delta R.T. -0.00 min
 Lab File: VL035098.D
 Acq: 19 Jun 2020 17:13

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC001

Tot Ion: 49 Resp: 1347102
 Ion Ratio Lower Upper
 49 100
 128 46.2 22.9 68.5
 130 59.3 29.0 87.0

Manual Integrations
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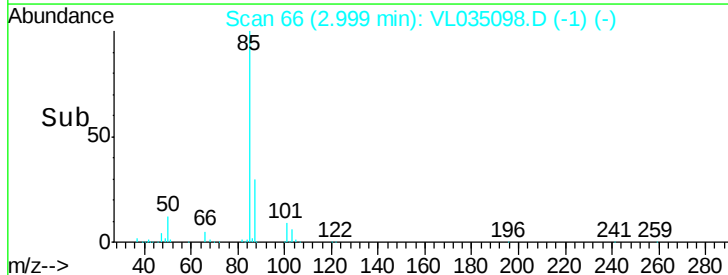
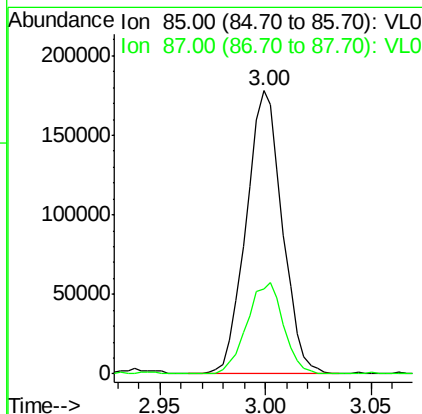
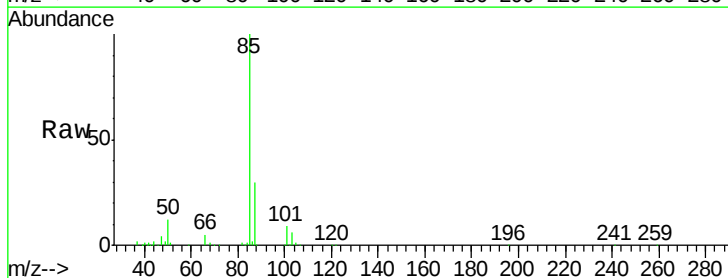
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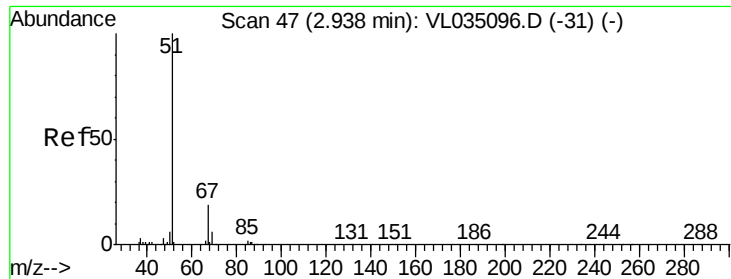


#2

Dichlorodifluoromethane
 Concen: 1.096 ppbv
 RT: 3.00 min Scan# 66
 Delta R.T. 0.00 min
 Lab File: VL035098.D
 Acq: 19 Jun 2020 17:13

Tgt Ion: 85 Resp: 212441
 Ion Ratio Lower Upper
 85 100
 87 29.9 26.1 39.1





#3

Chlorodifluoromethane

Concen: 1.034 ppbv

RT: 2.94 min Scan# 47

Delta R.T. 0.00 min

Lab File: VL035098.D

Acq: 19 Jun 2020 17:13

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC001

Tot Ion: 51 Resp: 159498

Ion Ratio Lower Upper

51 100

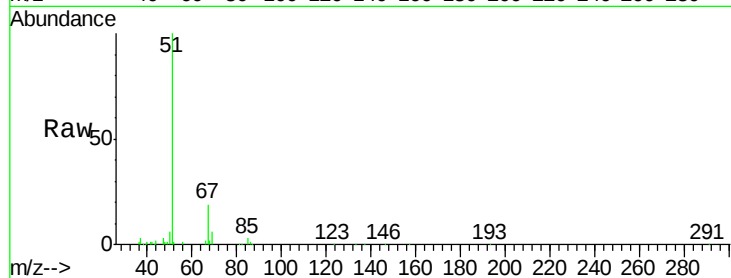
67 19.3 15.2 22.8

Manual Integrations

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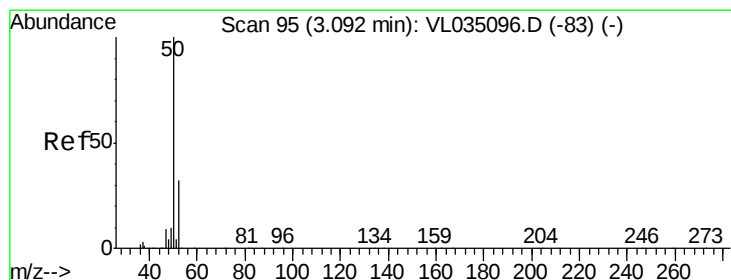
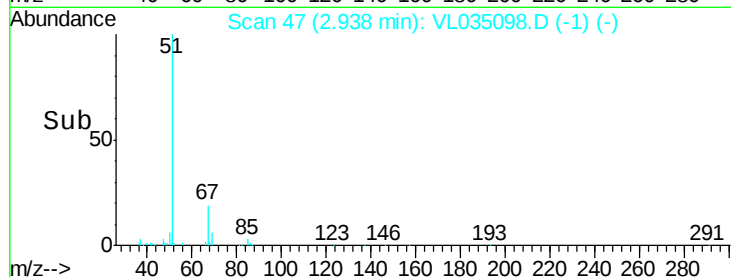
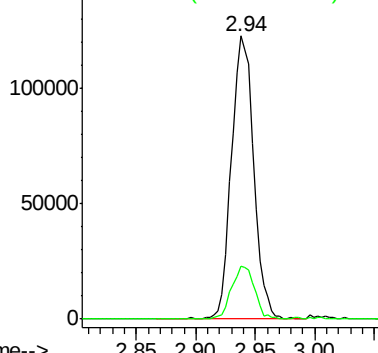
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Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0



#4

Chloromethane

Concen: 1.003 ppbv

RT: 3.09 min Scan# 95

Delta R.T. 0.00 min

Lab File: VL035098.D

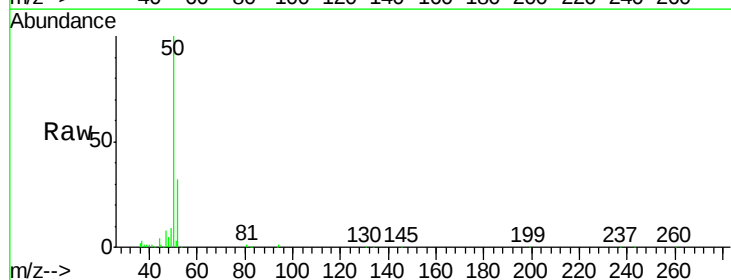
Acq: 19 Jun 2020 17:13

Tgt Ion: 50 Resp: 88537

Ion Ratio Lower Upper

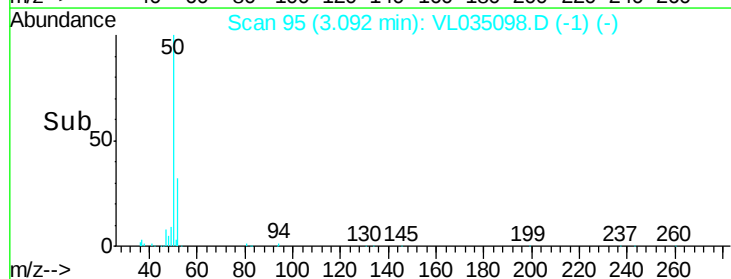
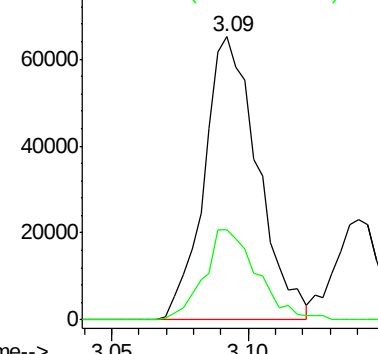
50 100

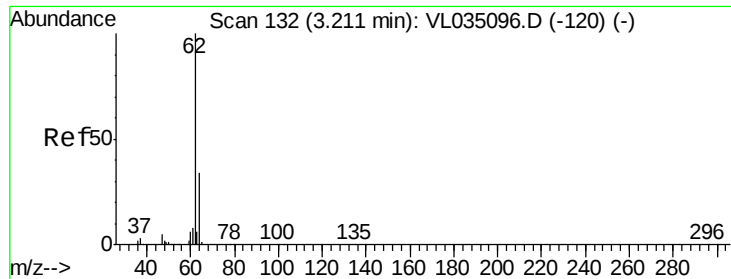
52 31.8 25.4 38.0



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0





#5

Vinyl Chloride

Concen: 0.979 ppbv

RT: 3.21 min Scan# 132

Delta R.T. 0.00 min

Lab File: VL035098.D

Acq: 19 Jun 2020 17:13

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC001

Tot Ion: 62 Resp: 84160

Ion Ratio Lower Upper

62 100

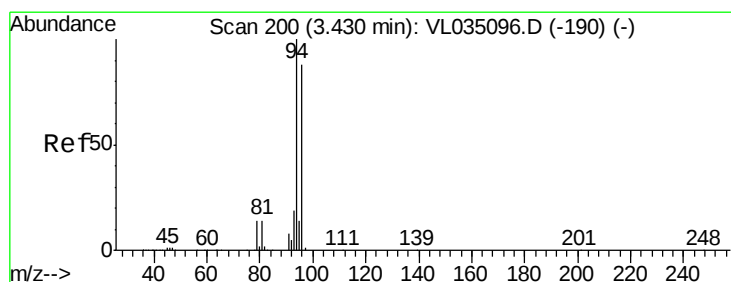
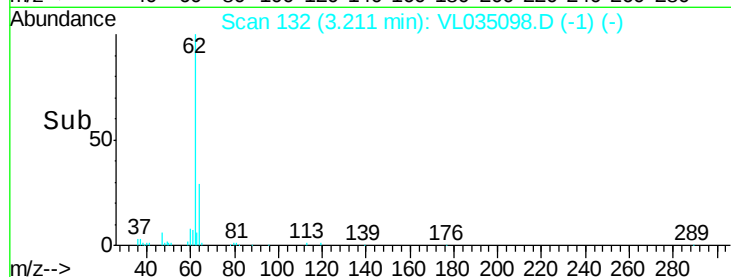
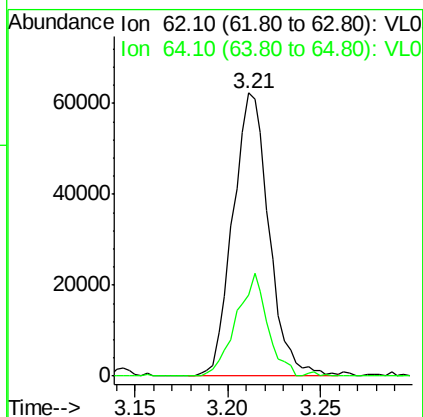
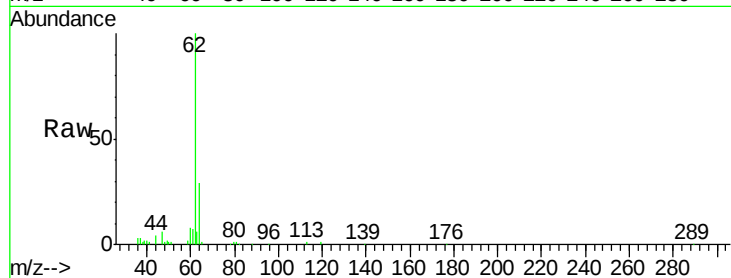
64 28.6 27.0 40.4

Manual Integrations

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#6

Bromomethane

Concen: 0.987 ppbv

RT: 3.43 min Scan# 201

Delta R.T. 0.00 min

Lab File: VL035098.D

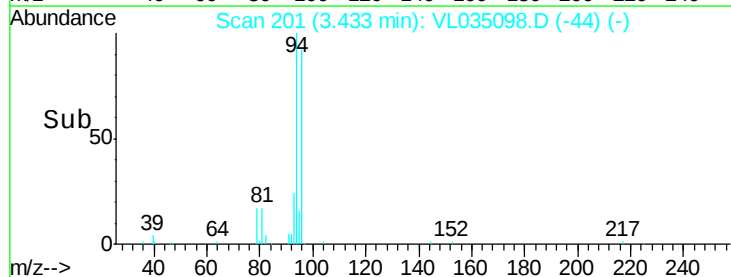
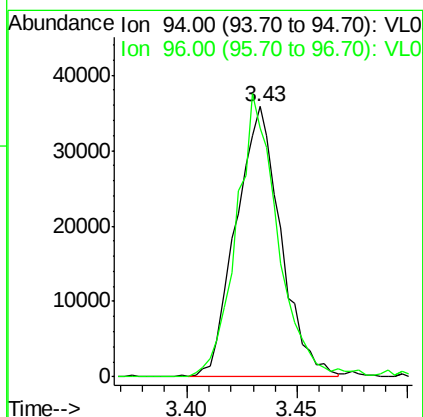
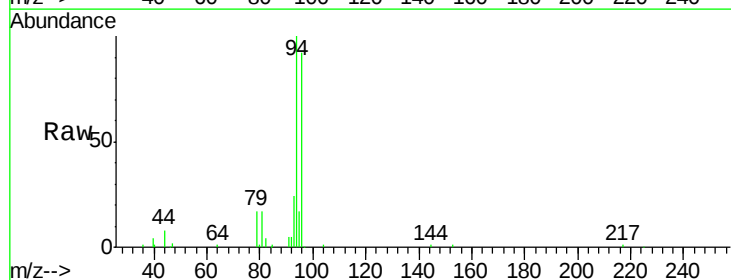
Acq: 19 Jun 2020 17:13

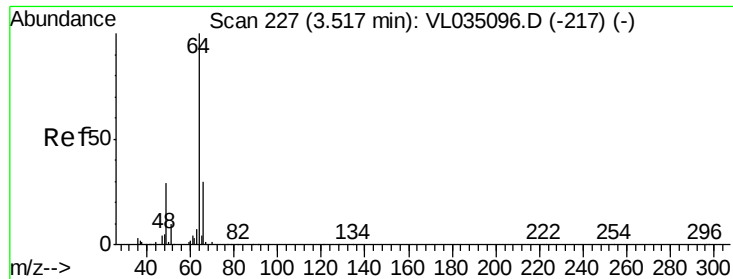
Tgt Ion: 94 Resp: 50777

Ion Ratio Lower Upper

94 100

96 91.9 70.2 105.2





#7

Chloroethane

Concen: 1.003 ppbv

RT: 3.52 min Scan# 227

Delta R.T. 0.00 min

Lab File: VL035098.D

Acq: 19 Jun 2020 17:13

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC001

Tot Ion: 64 Resp: 30935

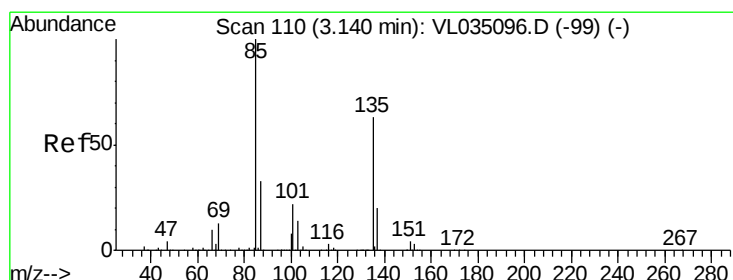
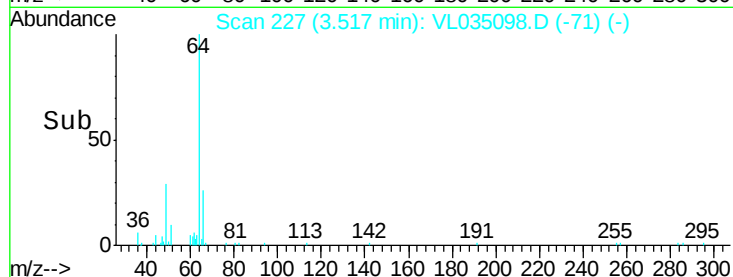
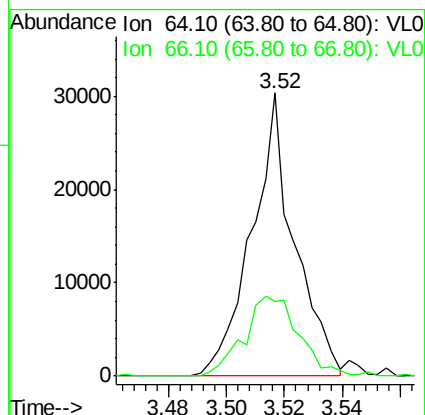
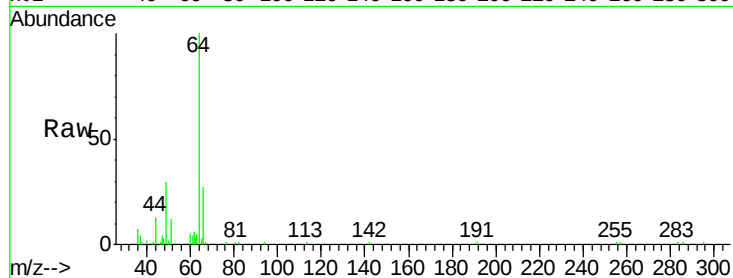
Ion Ratio Lower Upper

64 100

66 26.6 24.2 36.4

Manual Integrations
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#8

Dichlorotetrafluoroethane

Concen: 1.057 ppbv

RT: 3.14 min Scan# 110

Delta R.T. 0.00 min

Lab File: VL035098.D

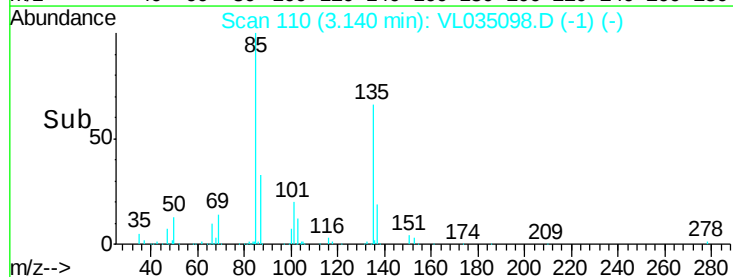
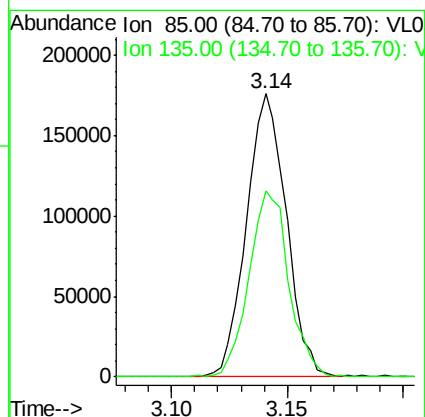
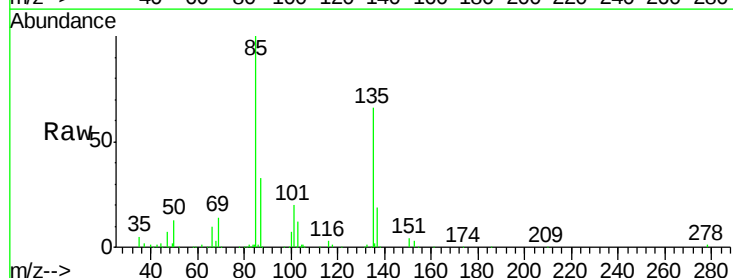
Acq: 19 Jun 2020 17:13

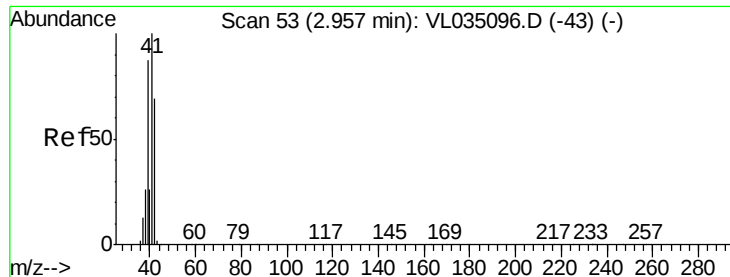
Tgt Ion: 85 Resp: 209944

Ion Ratio Lower Upper

85 100

135 66.1 51.0 76.6





#9

Propene

Concen: 0.901 ppbv

RT: 2.96 min Scan# 54

Delta R.T. 0.00 min

Lab File: VL035098.D

Acq: 19 Jun 2020 17:13

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC001

Tot Ion: 41 Resp: 59531

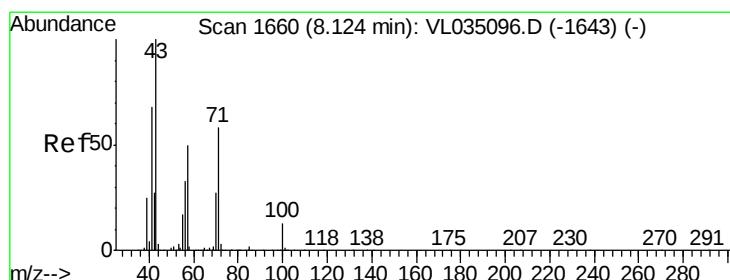
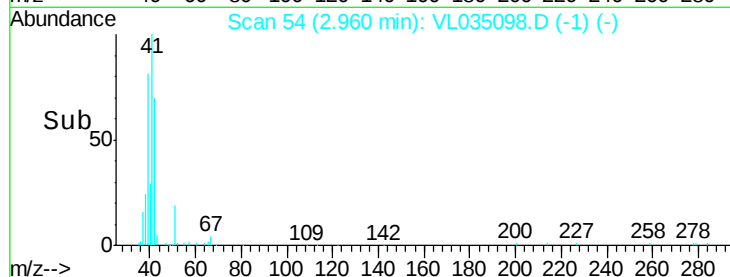
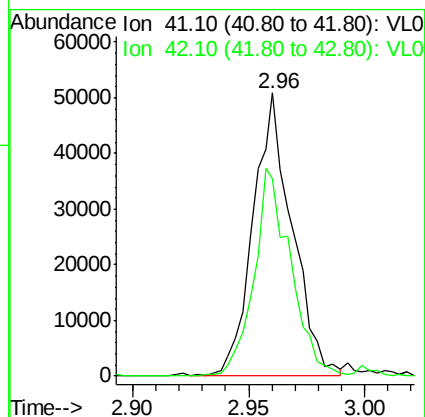
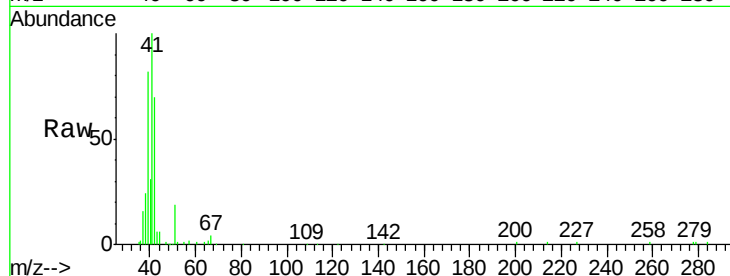
Ion Ratio Lower Upper

41 100

42 71.2 55.8 83.6

Manual Integrations
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#10

Heptane

Concen: 0.951 ppbv

RT: 8.12 min Scan# 1660

Delta R.T. 0.00 min

Lab File: VL035098.D

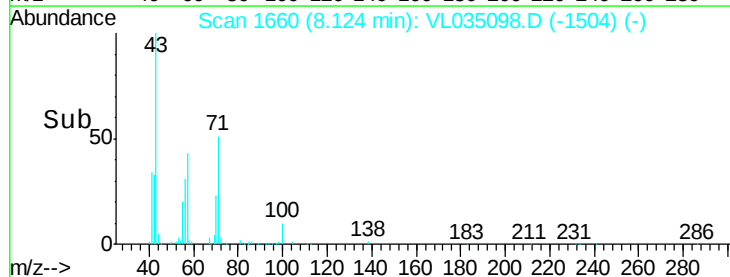
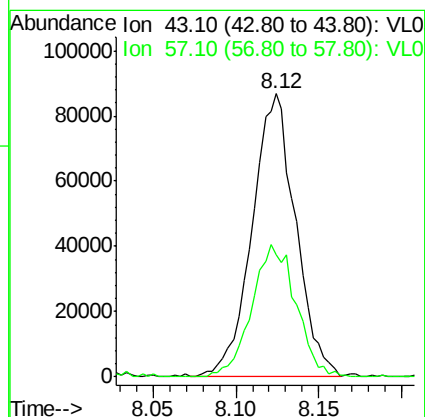
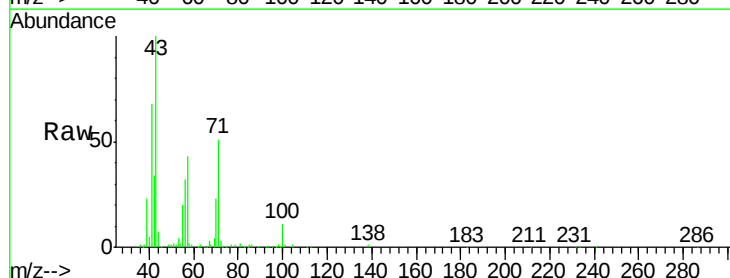
Acq: 19 Jun 2020 17:13

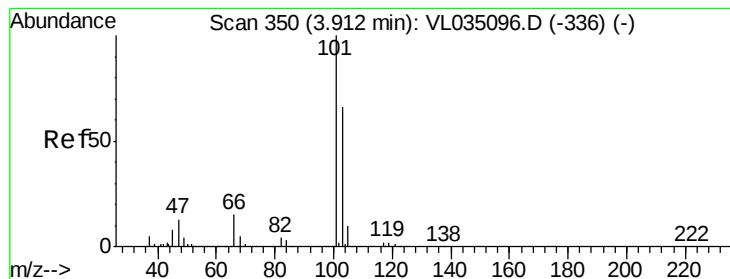
Tgt Ion: 43 Resp: 157535

Ion Ratio Lower Upper

43 100

57 47.8 41.9 62.9





#11

Trichlorofluoromethane

Concen: 1.092 ppbv

RT: 3.91 min Scan# 350

Delta R.T. 0.00 min

Lab File: VL035098.D

Acq: 19 Jun 2020 17:13

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC001

Tot Ion:101 Resp: 215157

Ion Ratio Lower Upper

101 100

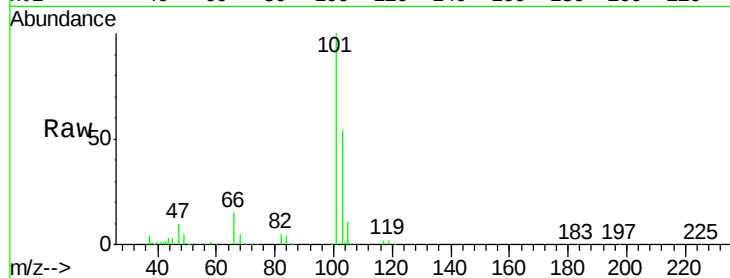
103 54.5 52.6 79.0

Manual Integrations

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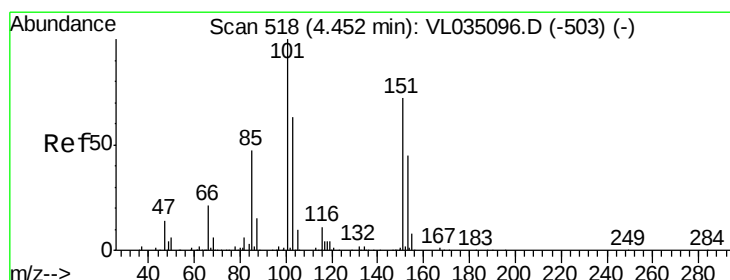
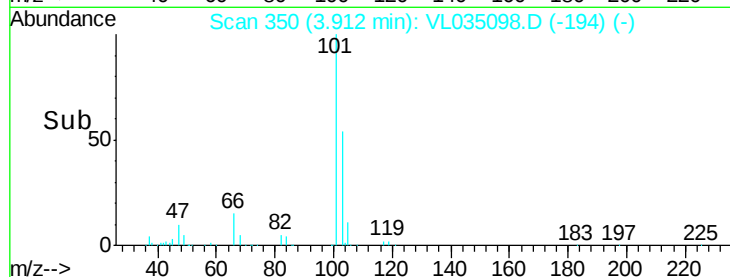
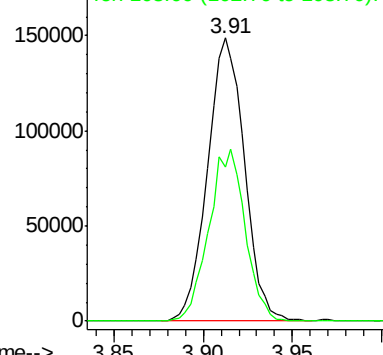
MMDadoda

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Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#12

1,1,2-Trichlorotrifluoroethane

Concen: 1.025 ppbv

RT: 4.45 min Scan# 518

Delta R.T. 0.00 min

Lab File: VL035098.D

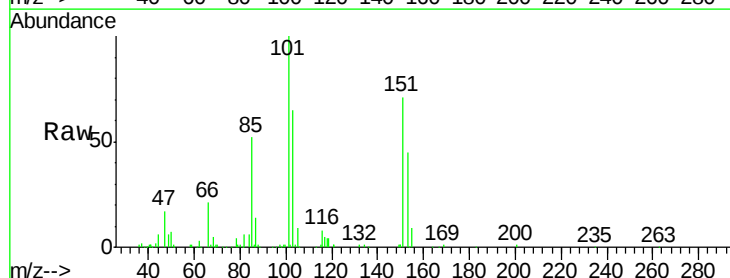
Acq: 19 Jun 2020 17:13

Tgt Ion:101 Resp: 143548

Ion Ratio Lower Upper

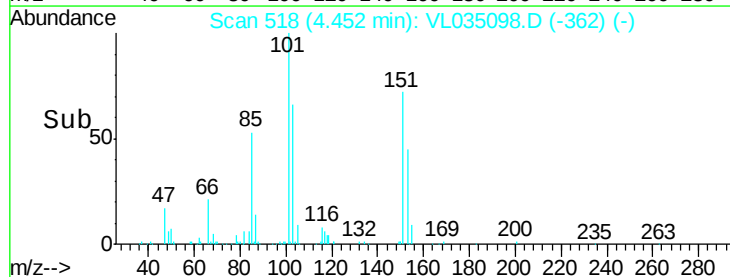
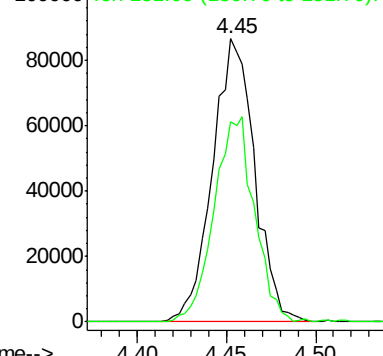
101 100

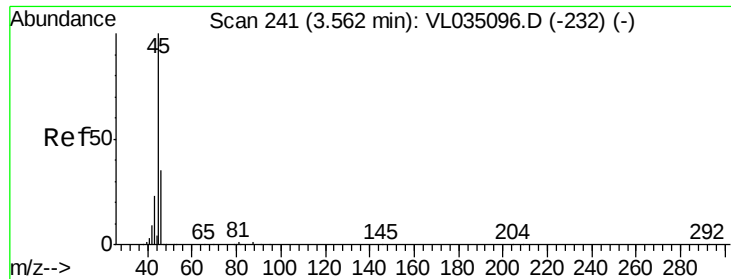
151 69.7 56.6 85.0



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 151.00 (150.70 to 151.70): V





#13

Ethanol

Concen: 1.226 ppbv m

RT: 3.57 min Scan# 243

Delta R.T. 0.01 min

Lab File: VL035098.D

Acq: 19 Jun 2020 17:13

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC001

Tot Ion: 45 Resp: 26197

Ion Ratio Lower Upper

45 100

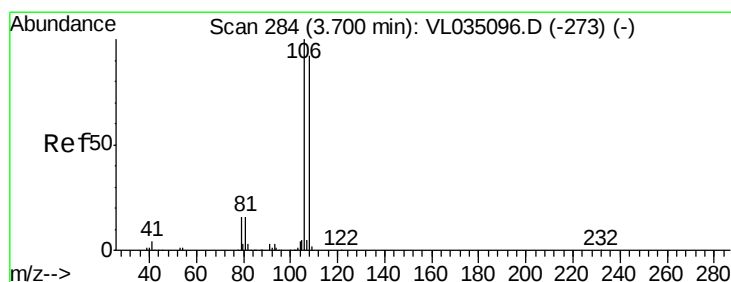
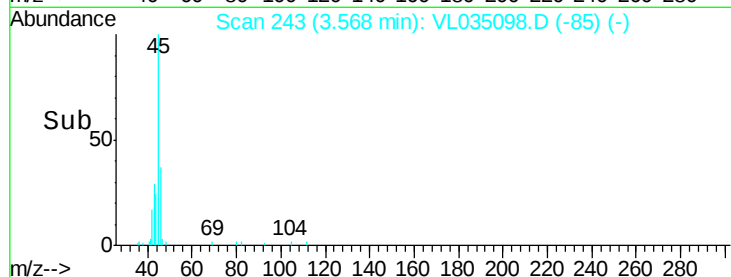
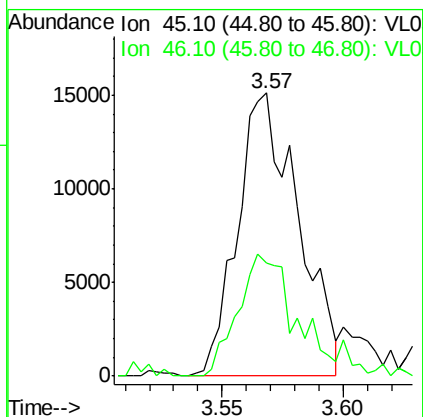
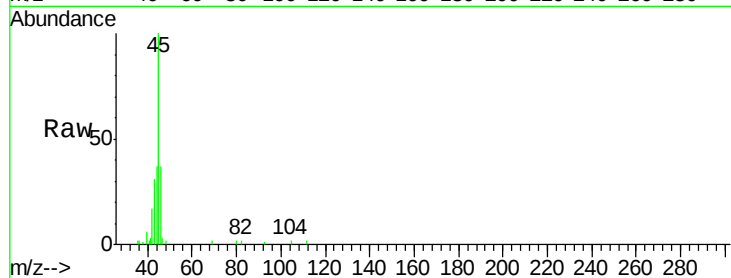
46 43.4 14.2 57.0

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#14

Bromoethene

Concen: 1.050 ppbv

RT: 3.70 min Scan# 284

Delta R.T. 0.00 min

Lab File: VL035098.D

Acq: 19 Jun 2020 17:13

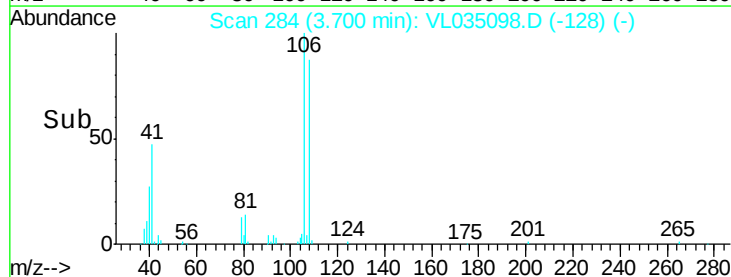
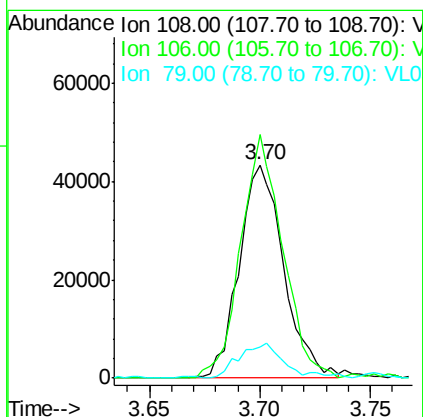
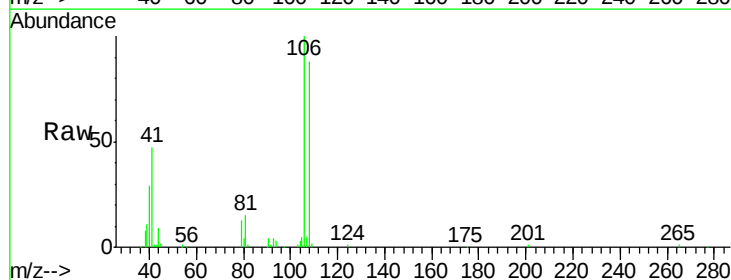
Tgt Ion: 108 Resp: 60867

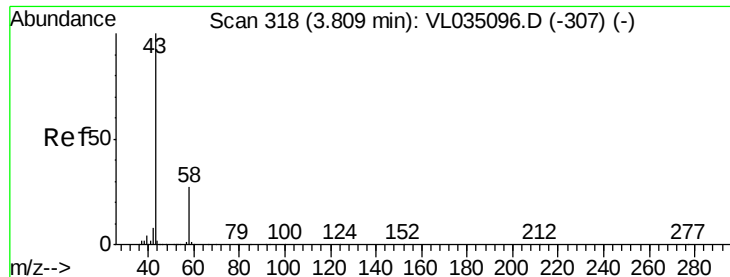
Ion Ratio Lower Upper

108 100

106 107.8 84.4 126.6

79 17.3 14.2 21.2





#15

Acetone

Concen: 1.043 ppbv

RT: 3.82 min Scan# 321

Delta R.T. 0.01 min

Lab File: VL035098.D

Acq: 19 Jun 2020 17:13

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC001

Tot Ion: 43 Resp: 185457

Ion Ratio Lower Upper

43 100

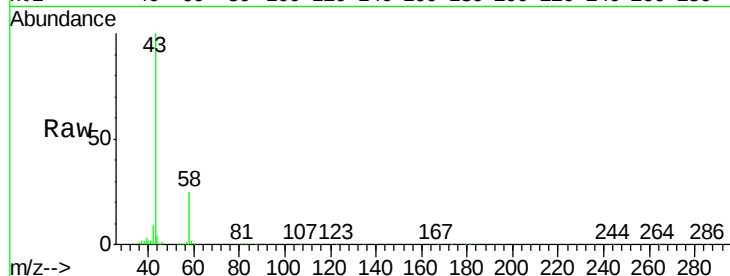
58 29.1 21.8 32.6

Manual Integrations

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Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

150000

100000

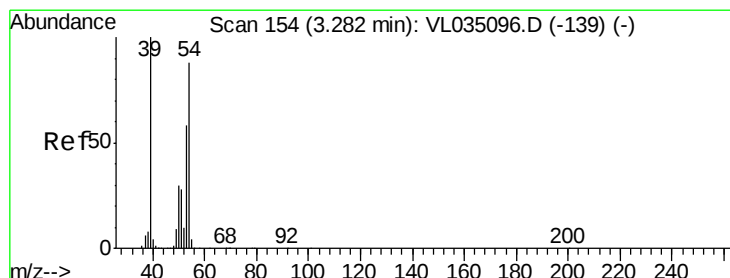
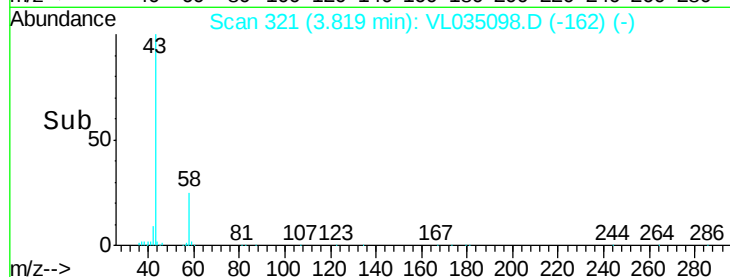
50000

0

3.82

3.80 3.85

Time-->



#16

1,3-Butadiene

Concen: 0.963 ppbv m

RT: 3.29 min Scan# 156

Delta R.T. 0.01 min

Lab File: VL035098.D

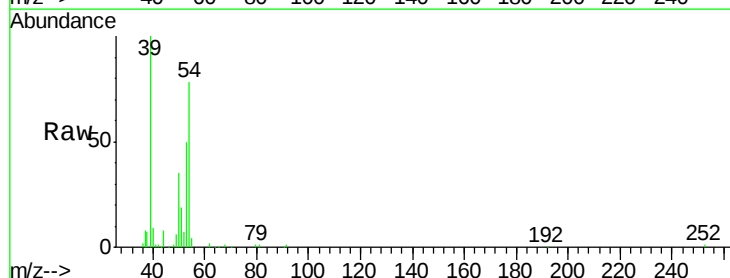
Acq: 19 Jun 2020 17:13

Tgt Ion: 39 Resp: 73774

Ion Ratio Lower Upper

39 100

54 85.2 67.0 100.4



Abundance Ion 39.10 (38.80 to 39.80): VL0

Ion 54.10 (53.80 to 54.80): VL0

60000

50000

40000

30000

20000

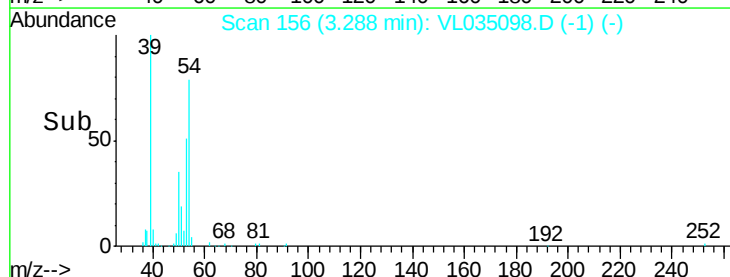
10000

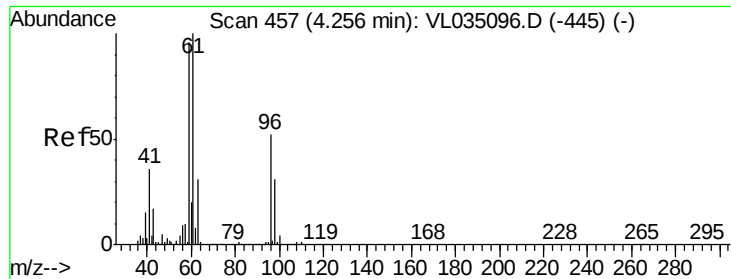
0

3.29

3.25 3.30

Time-->





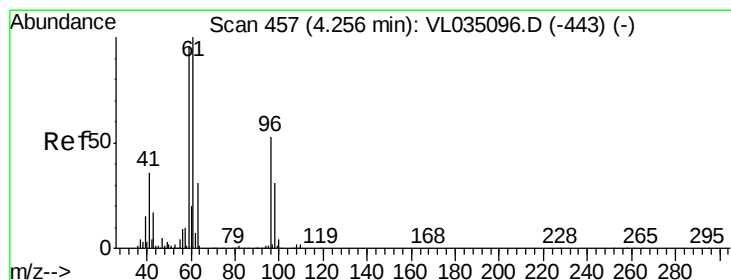
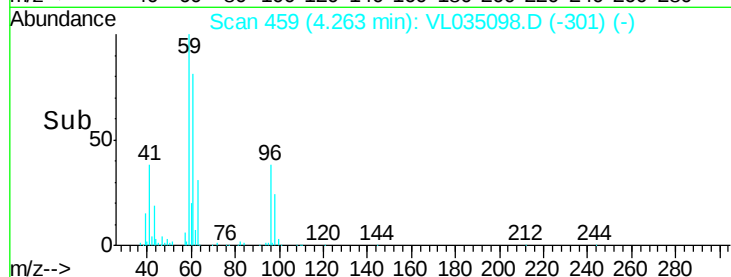
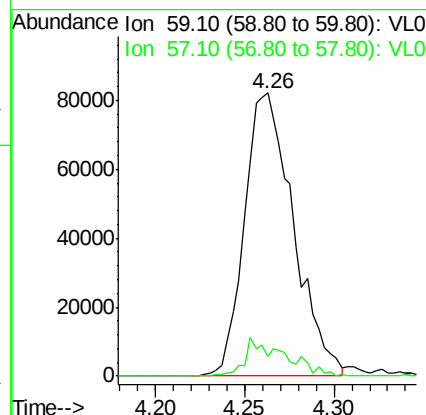
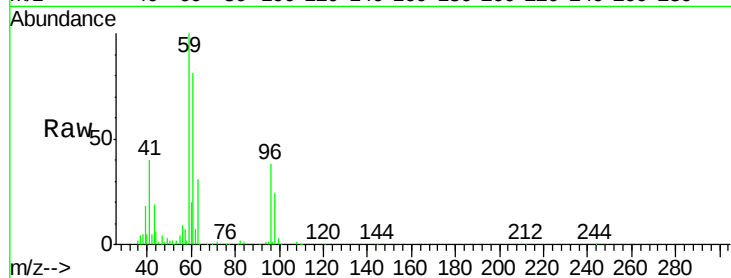
#17
tert-Butyl alcohol
Concen: 0.997 ppbv
RT: 4.26 min Scan# 459
Delta R.T. 0.01 min
Lab File: VL035098.D
Acq: 19 Jun 2020 17:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC001

Tot Ion: 59 Resp: 157298
Ion Ratio Lower Upper
59 100
57 11.0 8.6 12.8

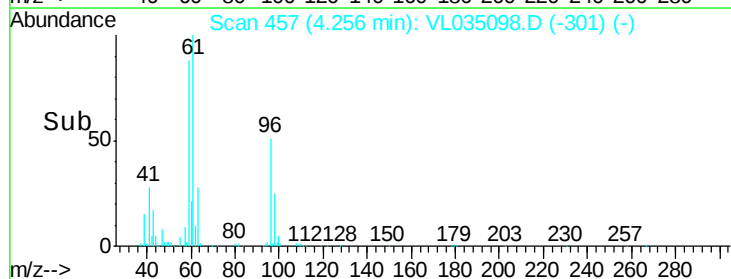
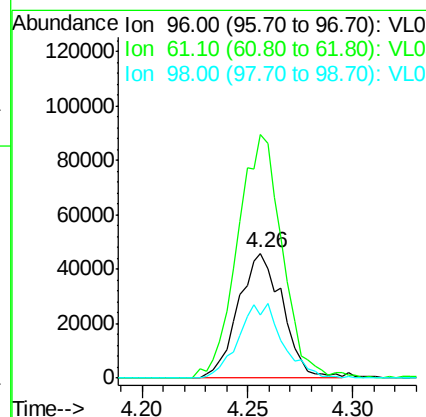
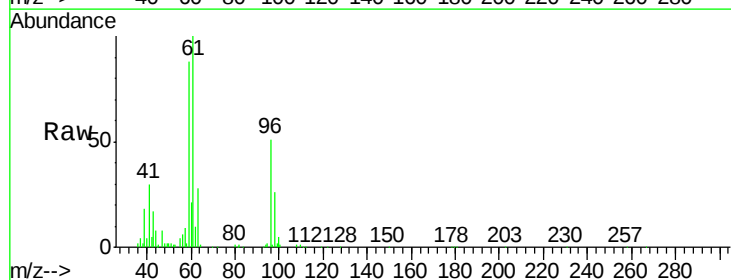
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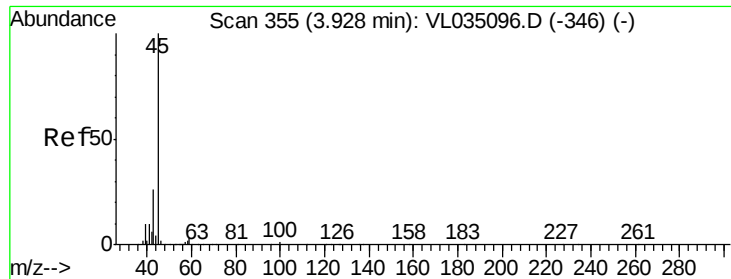
MMDadoda
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#18
1,1-Dichloroethene
Concen: 1.103 ppbv
RT: 4.26 min Scan# 457
Delta R.T. 0.00 min
Lab File: VL035098.D
Acq: 19 Jun 2020 17:13

Tgt Ion: 96 Resp: 67094
Ion Ratio Lower Upper
96 100
61 194.5 152.2 228.4
98 50.2 47.7 71.5





#19

Isopropyl Alcohol

Concen: 1.024 ppbv m

RT: 3.93 min Scan# 357

Delta R.T. 0.01 min

Lab File: VL035098.D

Acq: 19 Jun 2020 17:13

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC001

Tot Ion: 45 Resp: 119998

Ion Ratio Lower Upper

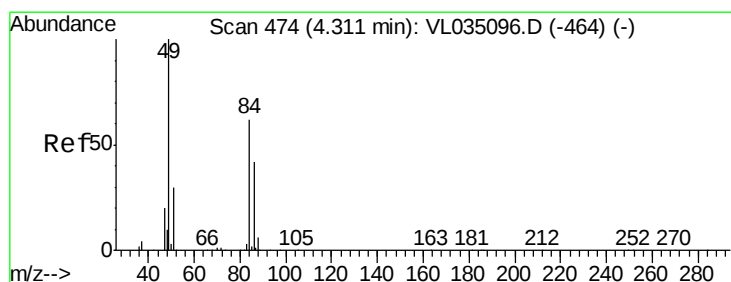
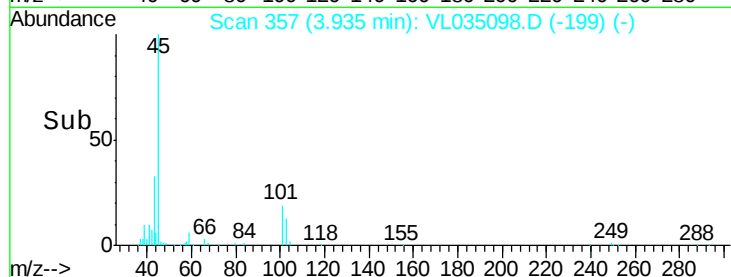
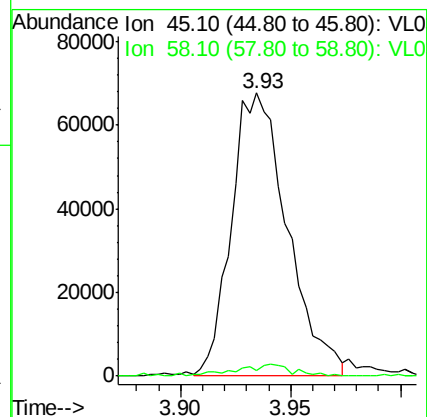
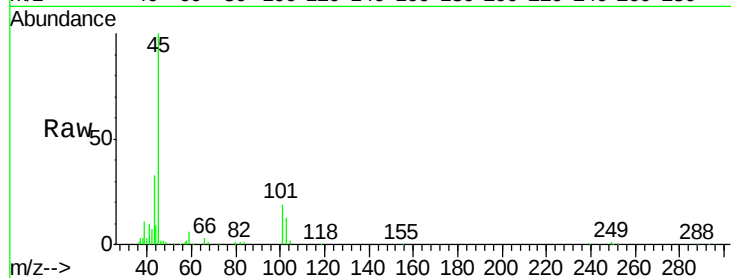
45 100

58 0.0 1.8 2.8#

Manual Integrations
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#20

Methylene Chloride

Concen: 1.332 ppbv

RT: 4.31 min Scan# 474

Delta R.T. 0.00 min

Lab File: VL035098.D

Acq: 19 Jun 2020 17:13

Tgt Ion: 84 Resp: 78344

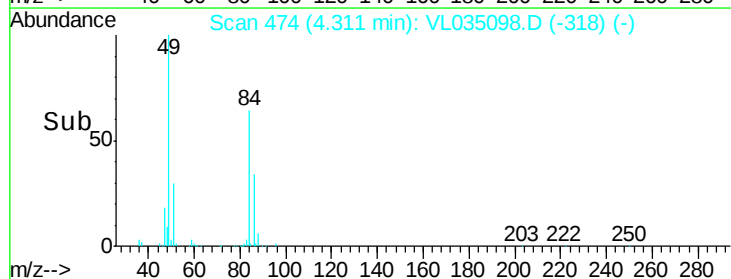
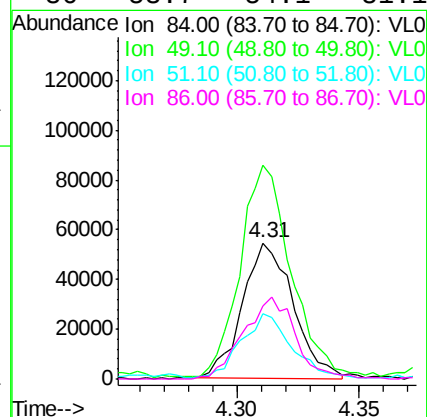
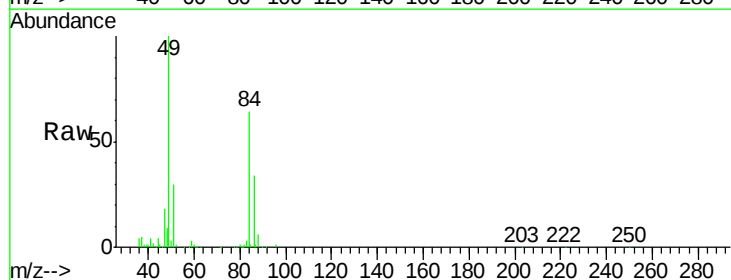
Ion Ratio Lower Upper

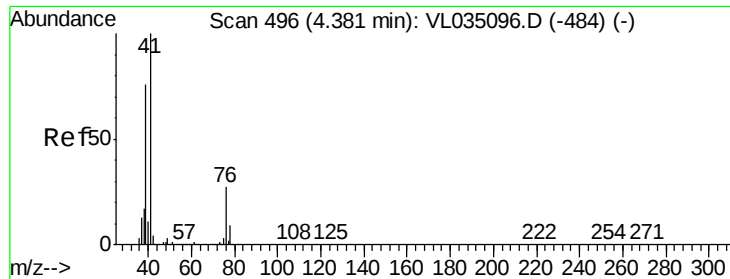
84 100

49 156.6 128.8 193.2

51 46.9 38.7 58.1

86 53.7 54.1 81.1#





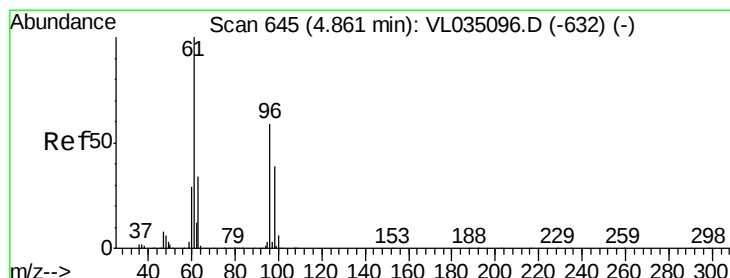
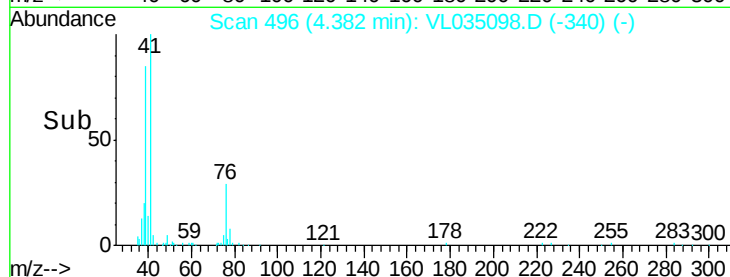
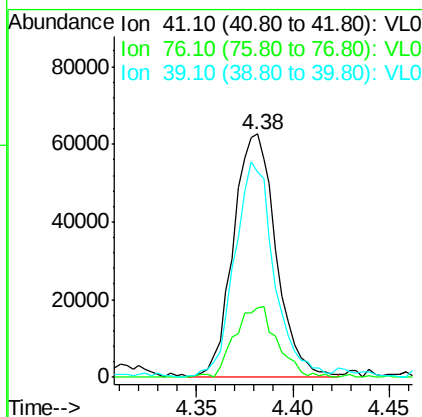
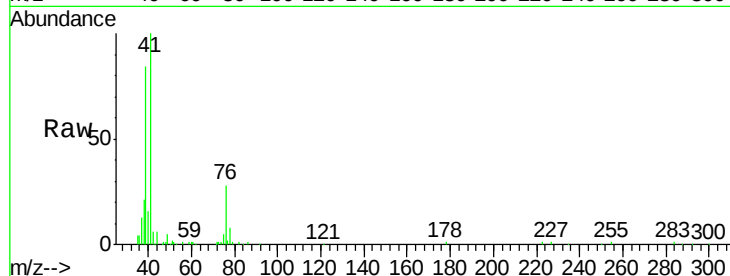
#21
Allvl Chloride
Concen: 0.962 ppbv
RT: 4.38 min Scan# 496
Delta R.T. 0.00 min
Lab File: VL035098.D
Acq: 19 Jun 2020 17:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC001

Tot Ion	Ratio	Lower	Upper
41	100		
76	29.1	22.6	34.0
39	84.6	61.6	92.4

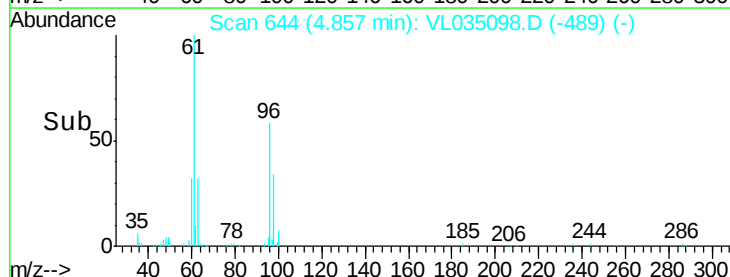
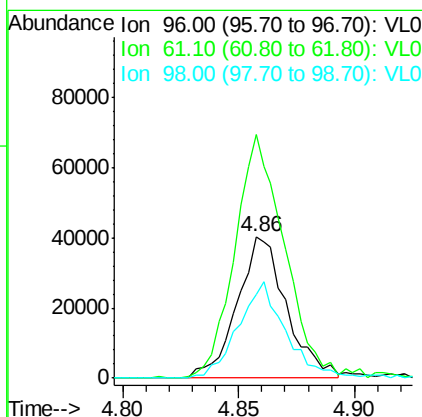
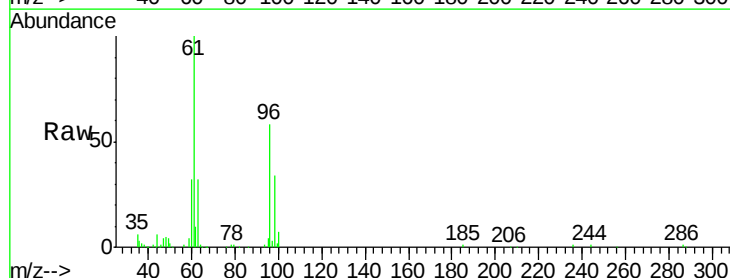
Manual Integrations
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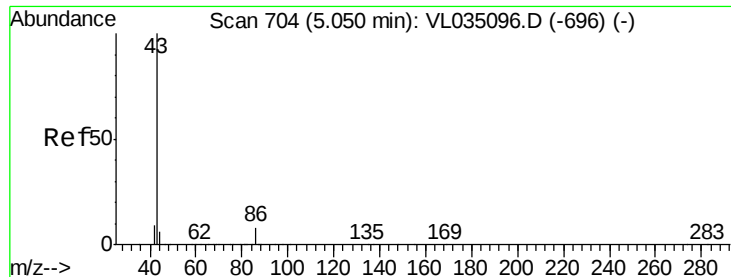
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#22
trans-1,2-Dichloroethene
Concen: 0.986 ppbv
RT: 4.86 min Scan# 644
Delta R.T. -0.00 min
Lab File: VL035098.D
Acq: 19 Jun 2020 17:13

Tgt Ion	Ratio	Lower	Upper
96	100		
61	171.9	134.5	201.7
98	59.3	52.6	79.0





#23

Vinyl Acetate

Concen: 0.890 ppbv

RT: 5.05 min Scan# 703

Delta R.T. -0.00 min

Lab File: VL035098.D

Acq: 19 Jun 2020 17:13

Instrument :

MSVOA_L

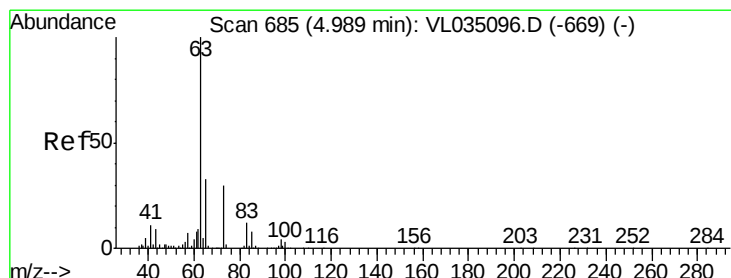
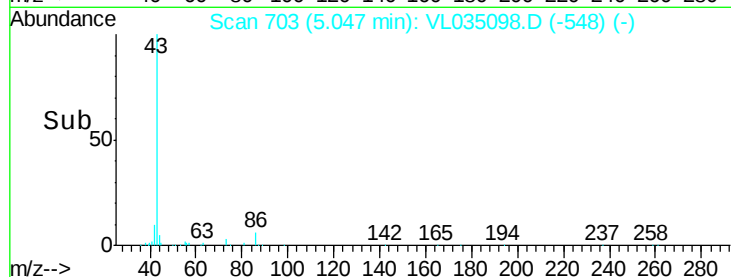
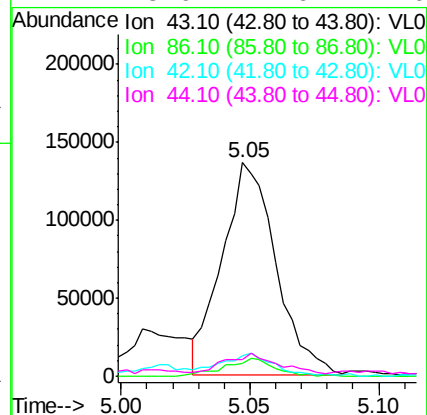
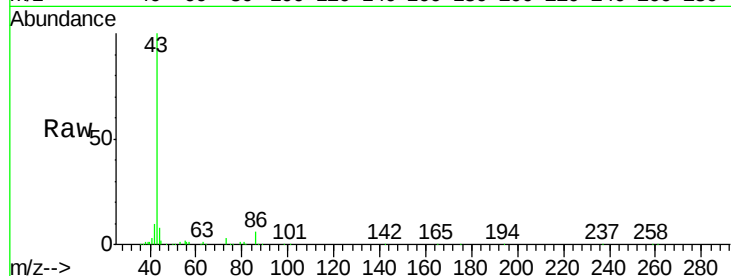
ClientSampleId :

VSTDICCC001

Tot Ion	43	Resp	198413
Ion Ratio	Lower	Upper	
43	100		
86	5.9	6.2	9.2#
42	9.0	8.1	12.1
44	5.9	4.6	7.0

Manual Integrations
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#24

1,1-Dichloroethane

Concen: 1.020 ppbv

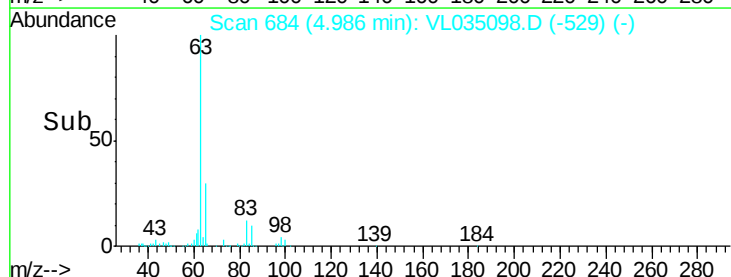
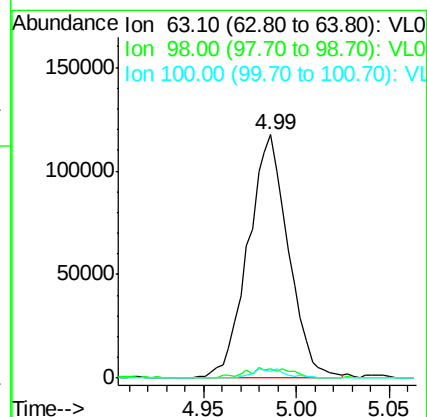
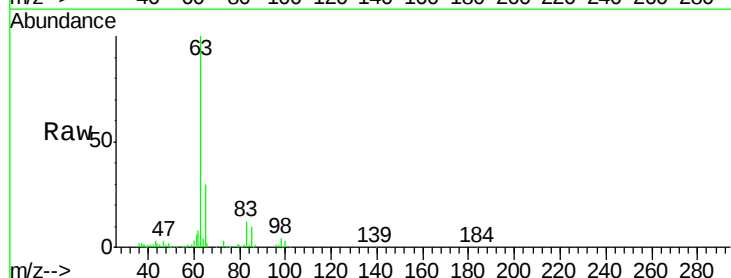
RT: 4.99 min Scan# 684

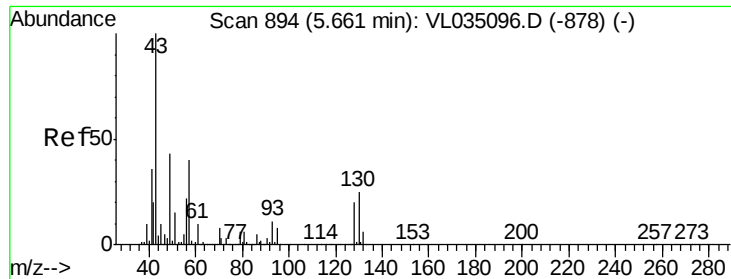
Delta R.T. -0.00 min

Lab File: VL035098.D

Acq: 19 Jun 2020 17:13

Tgt Ion	63	Resp	177333
Ion Ratio	Lower	Upper	
63	100		
98	4.1	2.3	6.9
100	3.0	1.4	4.0





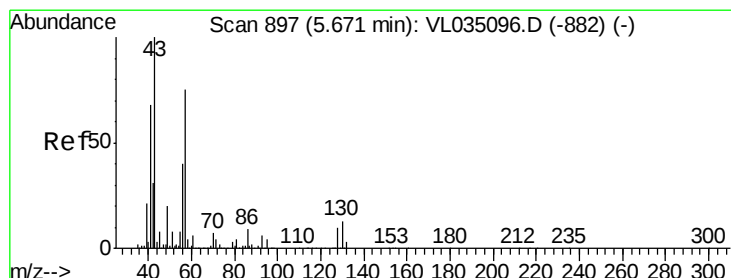
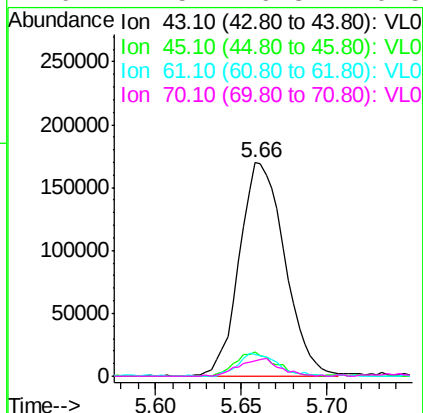
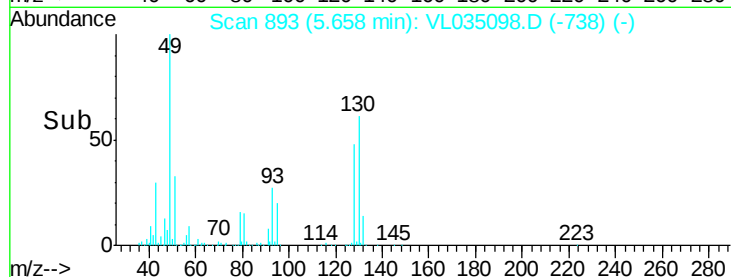
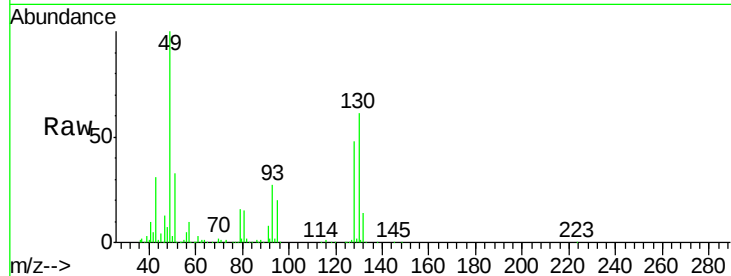
#25
Ethyl Acetate
Concen: 1.045 ppbv
RT: 5.66 min Scan# 893
Delta R.T. -0.00 min
Lab File: VL035098.D
Acq: 19 Jun 2020 17:13

Instrument :
MSVOA_L
ClientSampleID :
VSTDICCC001

Tot Ion	Ion	Ratio	Resp	Lower	Upper
43	100				
45	10.4	8.4	12.6		
61	9.5	8.0	12.0		
70	7.5	6.3	9.5		

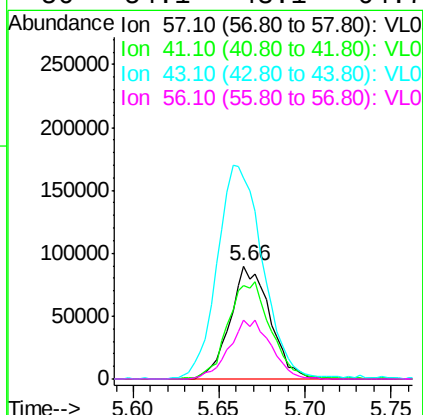
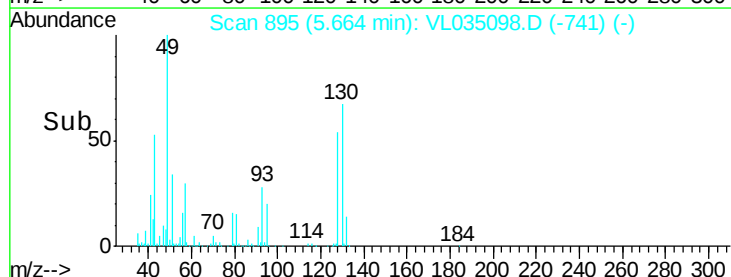
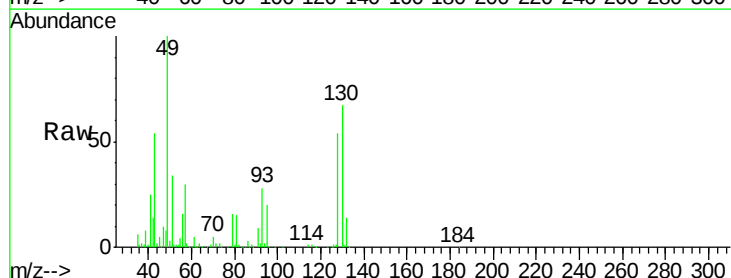
Manual Integrations
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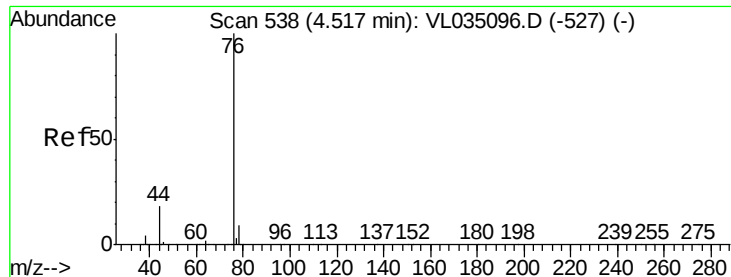
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#26
Hexane
Concen: 1.116 ppbv
RT: 5.66 min Scan# 895
Delta R.T. -0.01 min
Lab File: VL035098.D
Acq: 19 Jun 2020 17:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
57	100				
41	92.1	72.9	109.3		
43	218.7	181.3	271.9		
56	54.1	43.1	64.7		





#27

Carbon Disulfide

Concen: 0.884 ppbv

RT: 4.52 min Scan# 540

Delta R.T. 0.01 min

Lab File: VL035098.D

Acq: 19 Jun 2020 17:13

Instrument :

MSVOA_L

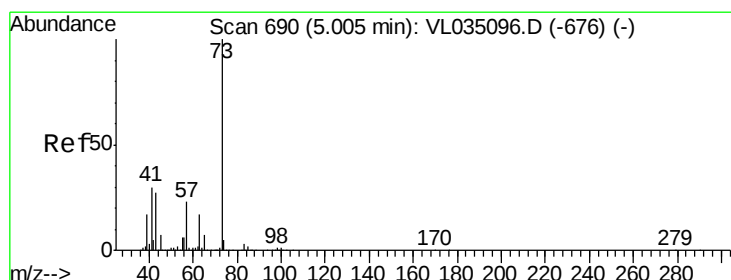
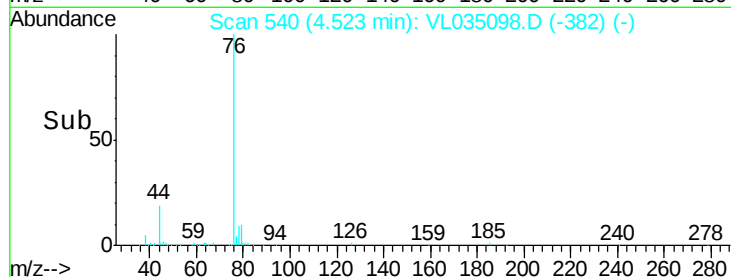
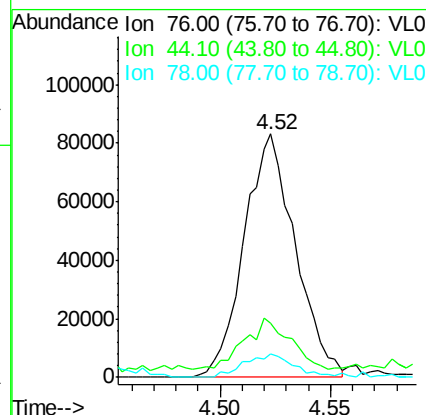
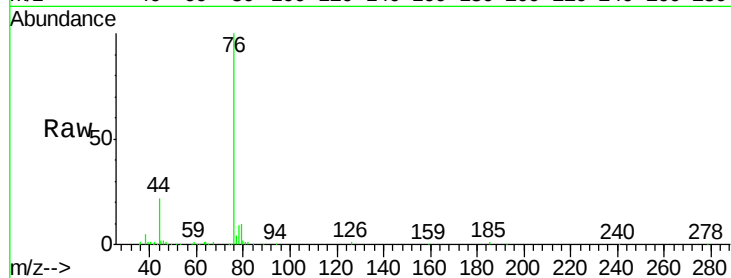
ClientSampleId :

VSTDICCC001

Tot Ion:	76	Resp:	133538
Ion	Ratio	Lower	Upper
76	100		
44	22.3	15.8	23.8
78	10.2	7.6	11.4

Manual Integrations
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#28

Methyl tert-Butyl Ether

Concen: 0.996 ppbv

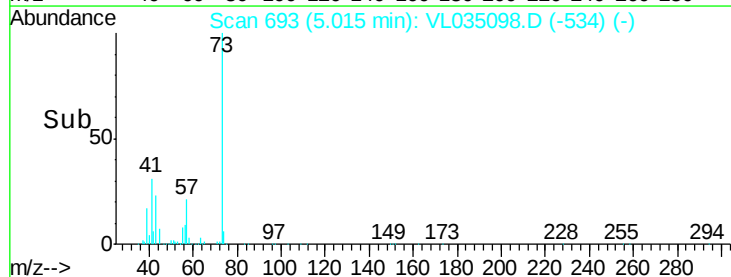
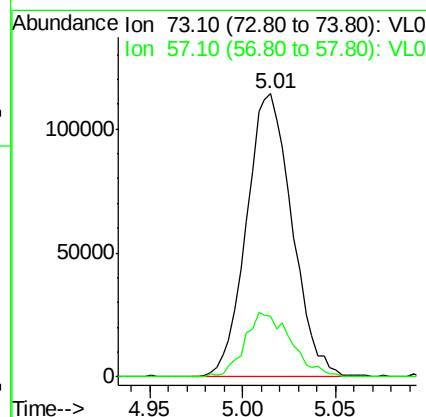
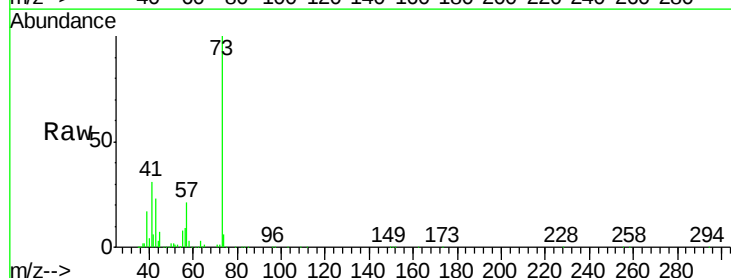
RT: 5.01 min Scan# 693

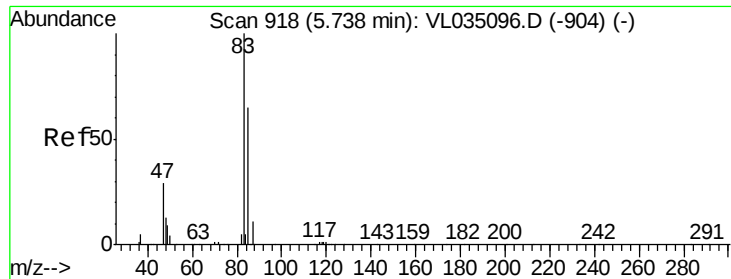
Delta R.T. 0.01 min

Lab File: VL035098.D

Acq: 19 Jun 2020 17:13

Tgt Ion:	73	Resp:	195802
Ion	Ratio	Lower	Upper
73	100		
57	23.0	18.5	27.7





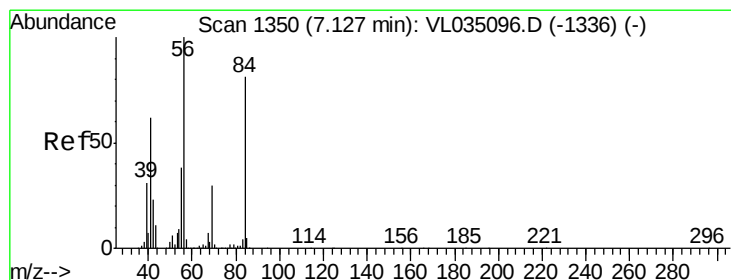
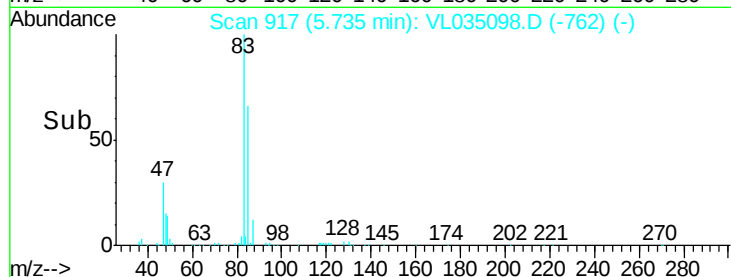
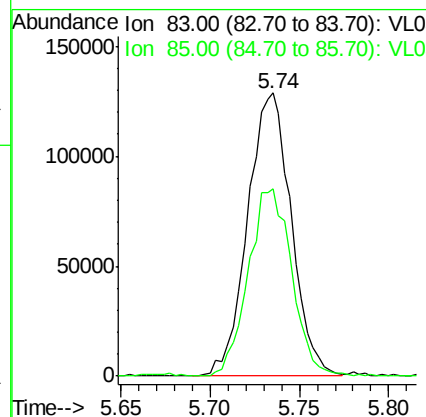
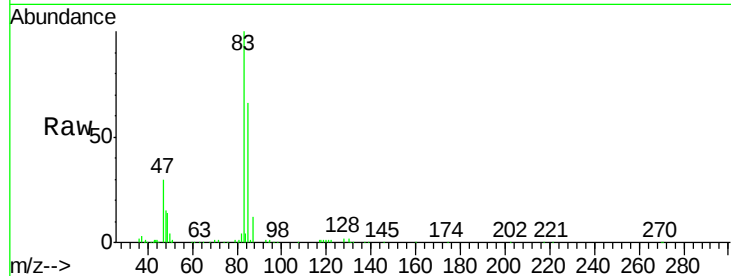
#29
Chloroform
Concen: 1.037 ppbv
RT: 5.74 min Scan# 917
Delta R.T. -0.00 min
Lab File: VL035098.D
Acq: 19 Jun 2020 17:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC001

Tot Ion	Ratio	Lower	Upper
83	100		
85	65.9	52.1	78.1

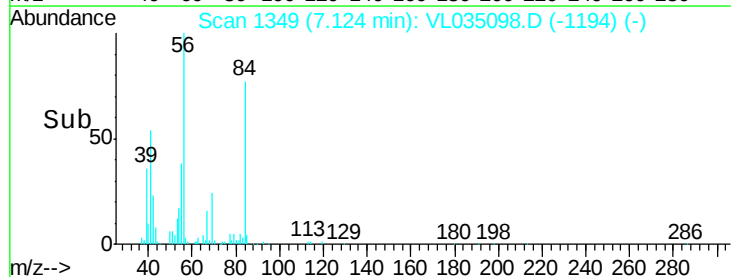
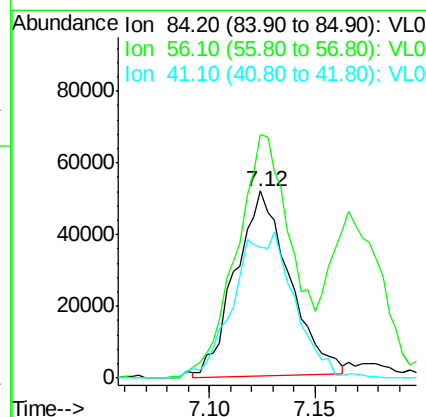
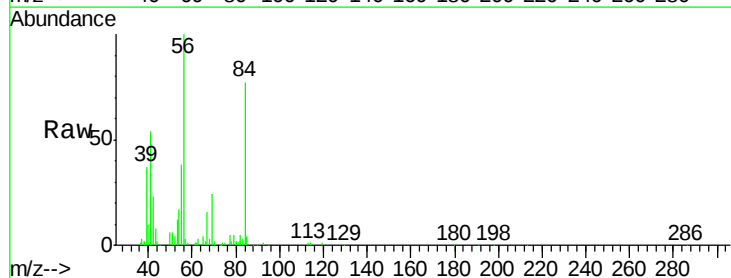
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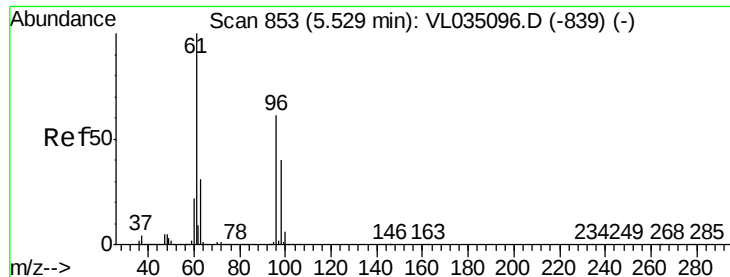
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#30
Cyclohexane
Concen: 0.917 ppbv
RT: 7.12 min Scan# 1349
Delta R.T. -0.00 min
Lab File: VL035098.D
Acq: 19 Jun 2020 17:13

Tgt Ion	Ratio	Lower	Upper
84	100		
56	138.4	108.0	162.0
41	88.4	65.6	98.4





#31

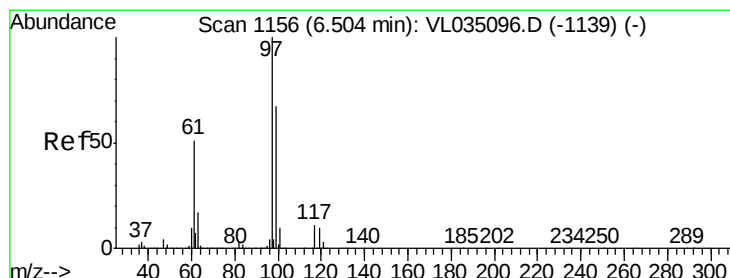
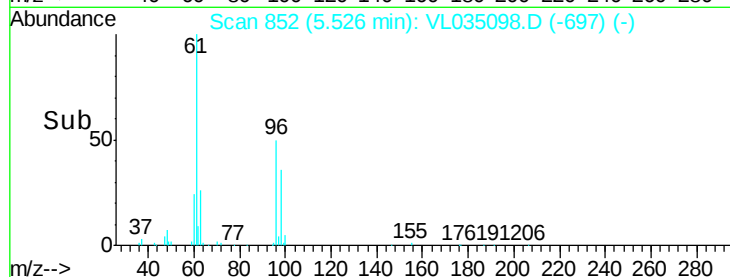
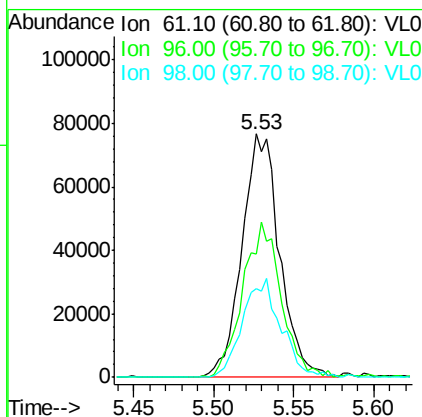
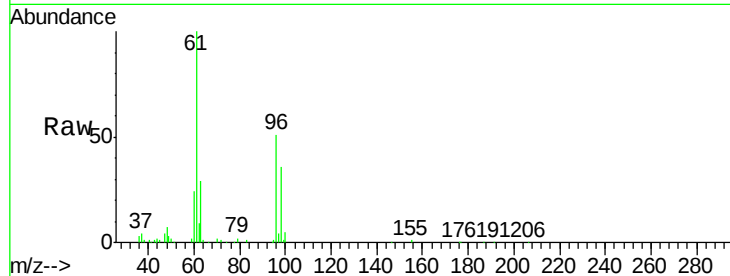
cis-1,2-Dichloroethene
 Concen: 0.971 ppbv
 RT: 5.53 min Scan# 852
 Delta R.T. -0.00 min
 Lab File: VL035098.D
 Acq: 19 Jun 2020 17:13

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC001

Tot Ion	Ratio	Resp	Lower	Upper
61	100	123190		
96	50.6	48.8	73.2	
98	36.4	31.9	47.9	

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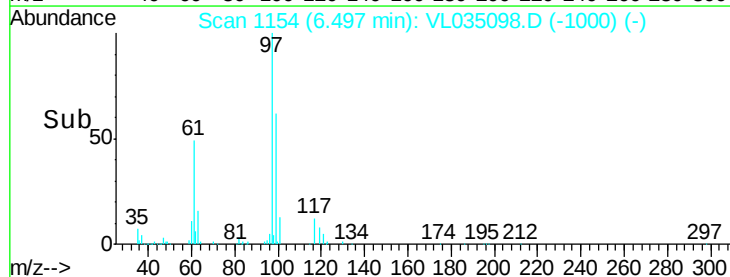
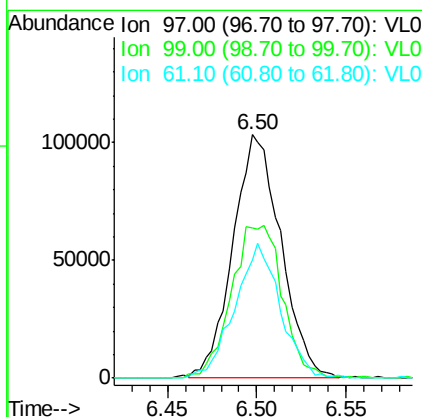
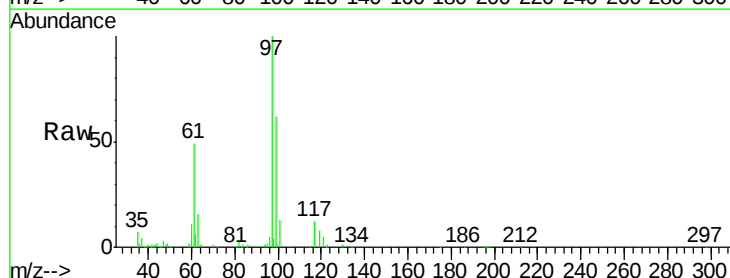
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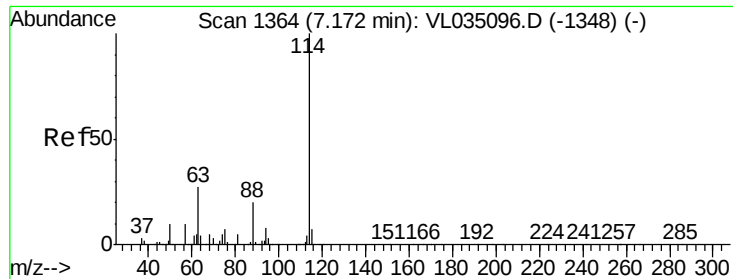


#32

1,1,1-Trichloroethane
 Concen: 1.007 ppbv
 RT: 6.50 min Scan# 1154
 Delta R.T. -0.01 min
 Lab File: VL035098.D
 Acq: 19 Jun 2020 17:13

Tgt Ion	Ratio	Resp	Lower	Upper
97	100	193399		
99	67.1	52.0	78.0	
61	52.7	41.0	61.6	





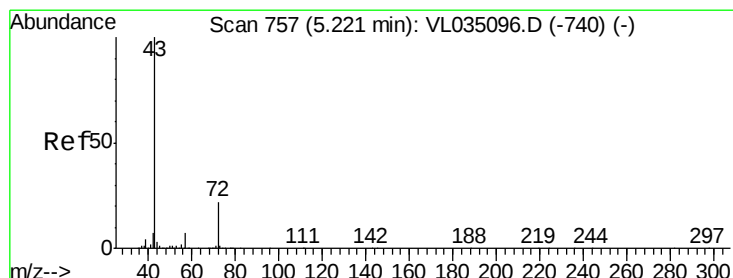
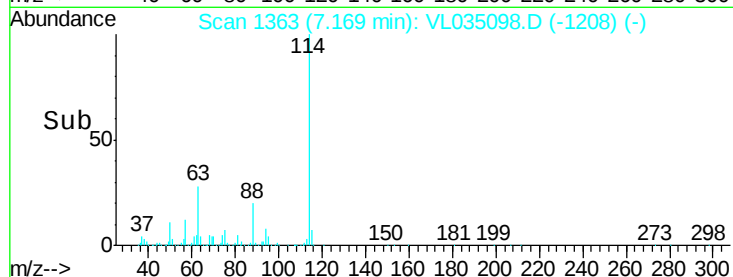
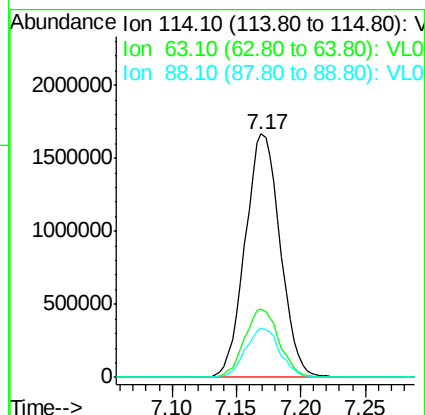
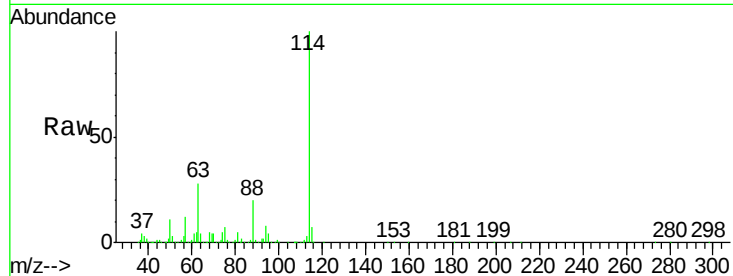
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.17 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VL035098.D
 Acq: 19 Jun 2020 17:13

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC001

Tot Ion:114 Resp: 3157909
 Ion Ratio Lower Upper
 114 100
 63 27.8 21.9 32.9
 88 19.8 15.6 23.4

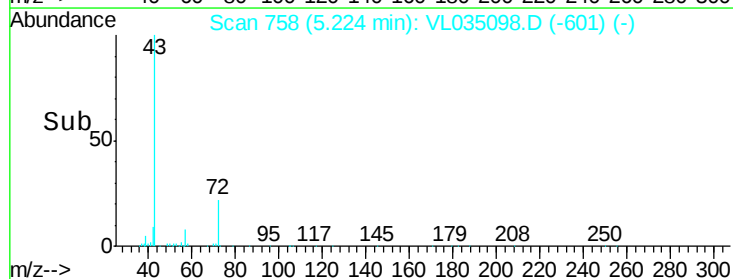
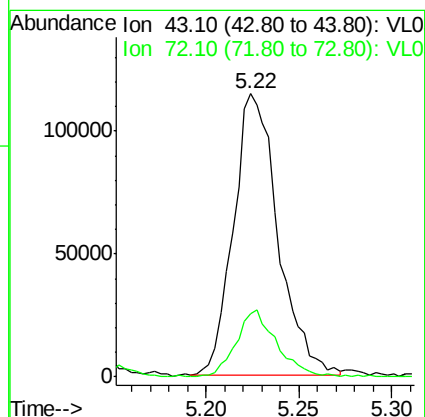
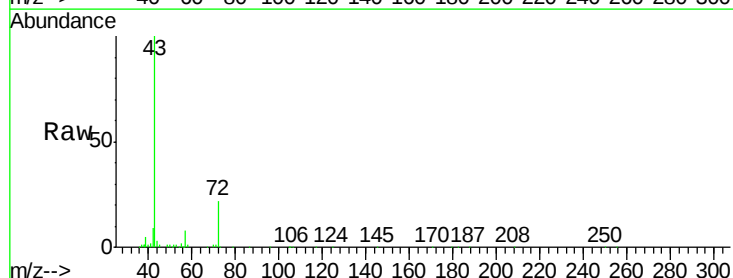
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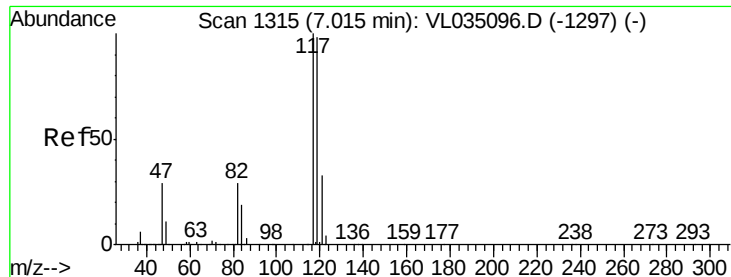
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#34
 2-Butanone
 Concen: 0.978 ppbv
 RT: 5.22 min Scan# 758
 Delta R.T. 0.00 min
 Lab File: VL035098.D
 Acq: 19 Jun 2020 17:13

Tgt Ion: 43 Resp: 190683
 Ion Ratio Lower Upper
 43 100
 72 22.1 18.3 27.5





#35

Carbon Tetrachloride

Concen: 0.938 ppbv

RT: 7.01 min Scan# 1314

Delta R.T. -0.00 min

Lab File: VL035098.D

Acq: 19 Jun 2020 17:13

Instrument :

MSVOA_L

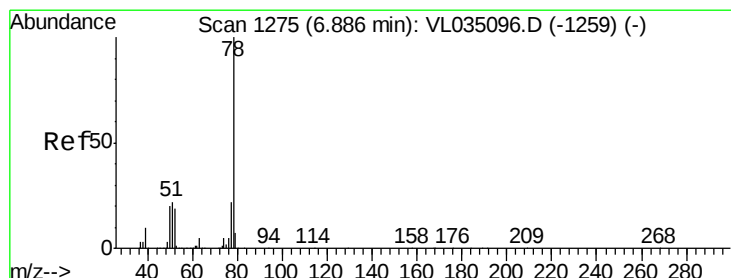
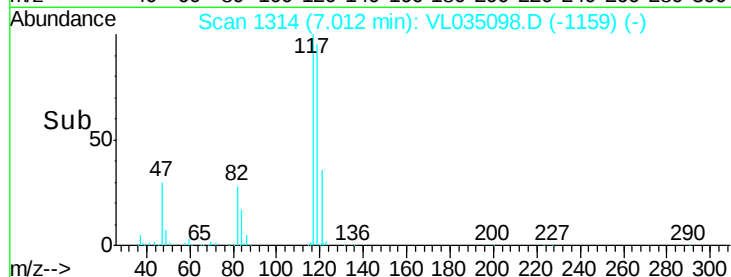
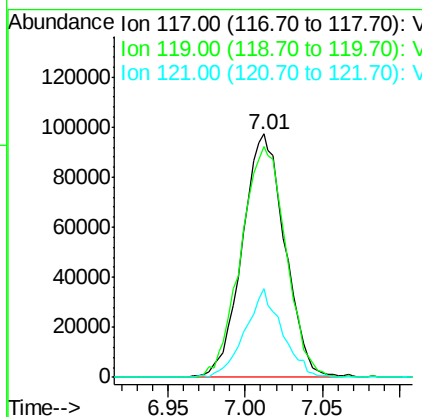
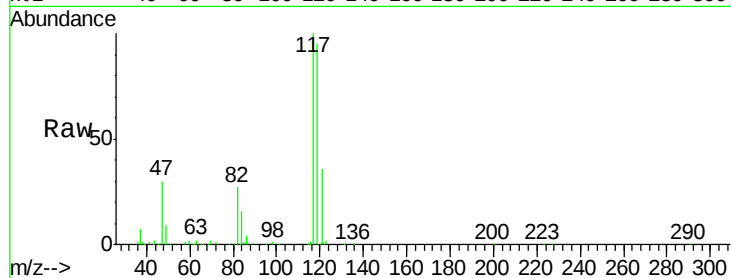
ClientSampleId :

VSTDICCC001

Tot Ion:	117	Resp:	186674
Ion Ratio	Lower	Upper	
117	100		
119	94.7	78.3	117.5
121	36.2	26.0	39.0

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#36

Benzene

Concen: 0.967 ppbv

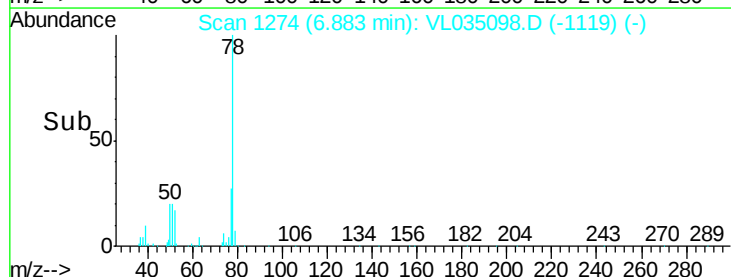
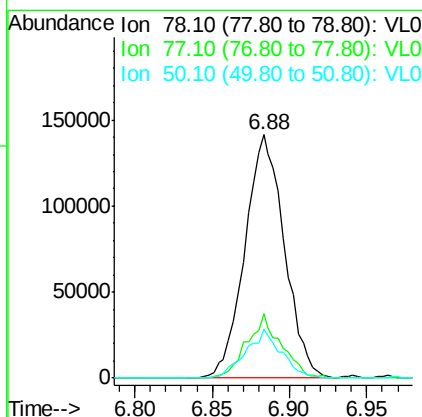
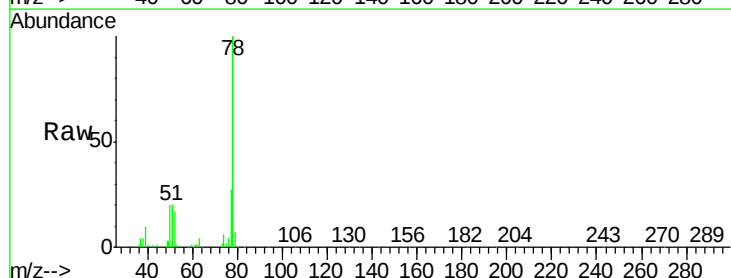
RT: 6.88 min Scan# 1274

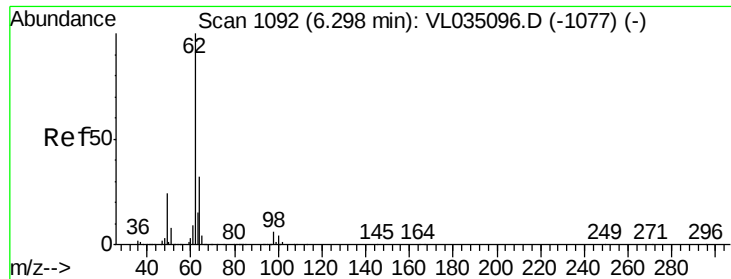
Delta R.T. -0.00 min

Lab File: VL035098.D

Acq: 19 Jun 2020 17:13

Tgt Ion:	78	Resp:	251428
Ion Ratio	Lower	Upper	
78	100		
77	26.6	17.8	26.6
50	20.1	16.2	24.2





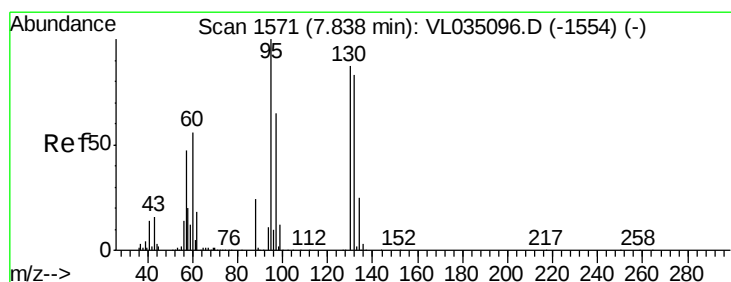
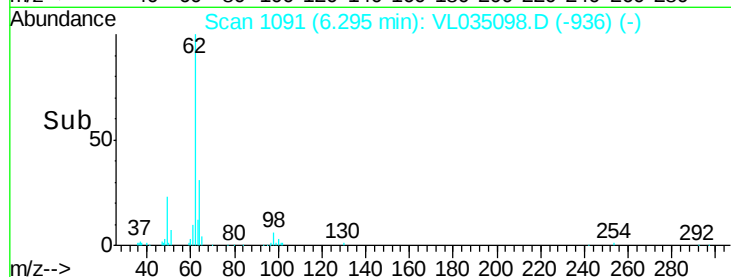
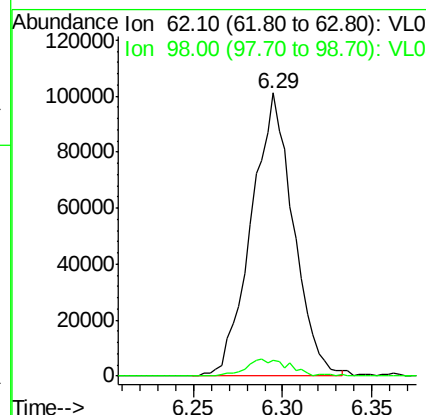
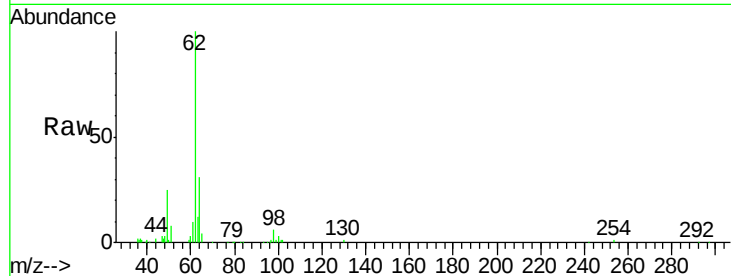
#37
 1,2-Dichloroethane
 Concen: 1.037 ppbv
 RT: 6.29 min Scan# 1091
 Delta R.T. -0.00 min
 Lab File: VL035098.D
 Acq: 19 Jun 2020 17:13

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC001

Tot Ion	Ratio	Lower	Upper
62	100		
98	6.3	4.8	7.2

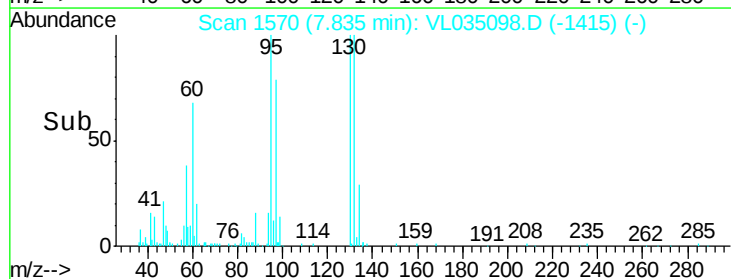
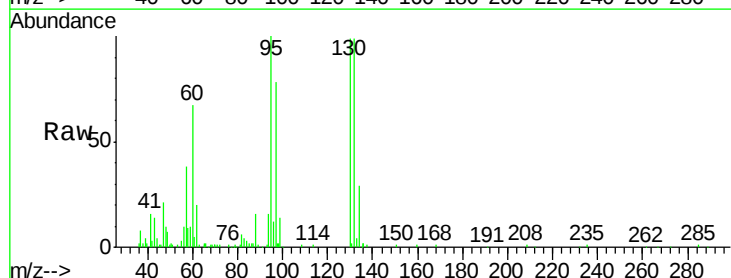
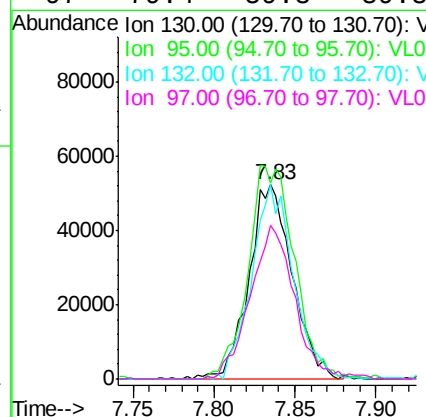
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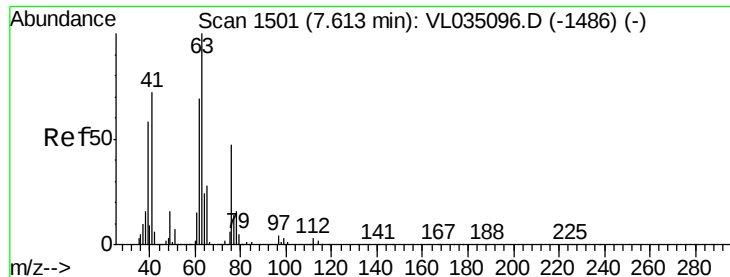
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#38
 Trichloroethene
 Concen: 0.964 ppbv m
 RT: 7.83 min Scan# 1570
 Delta R.T. -0.00 min
 Lab File: VL035098.D
 Acq: 19 Jun 2020 17:13

Tgt Ion	Ratio	Lower	Upper
130	100		
95	101.1	91.4	137.2
132	100.3	75.8	113.6
97	79.4	59.8	89.8





#39

1,2-Dichloropropane

Concen: 0.913 ppbv m

RT: 7.61 min Scan# 1501

Delta R.T. 0.00 min

Lab File: VL035098.D

Acq: 19 Jun 2020 17:13

Instrument :

MSVOA_L

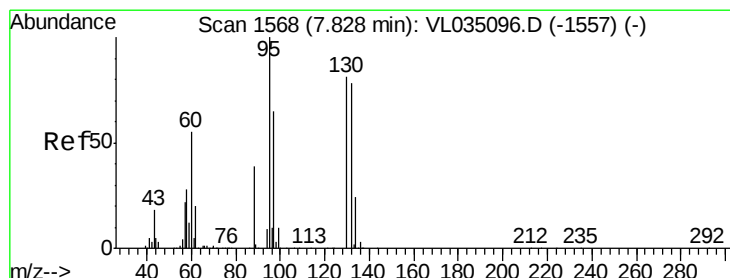
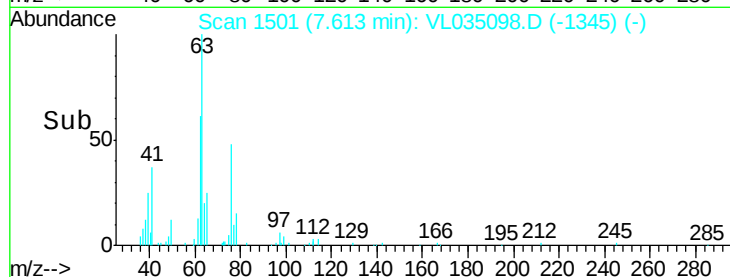
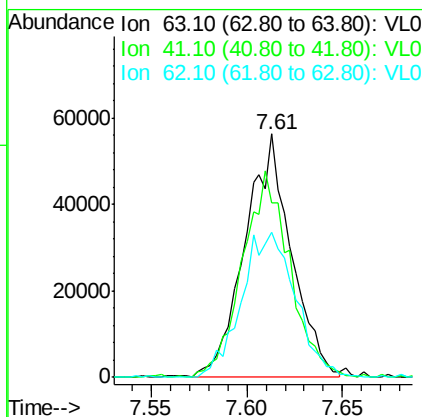
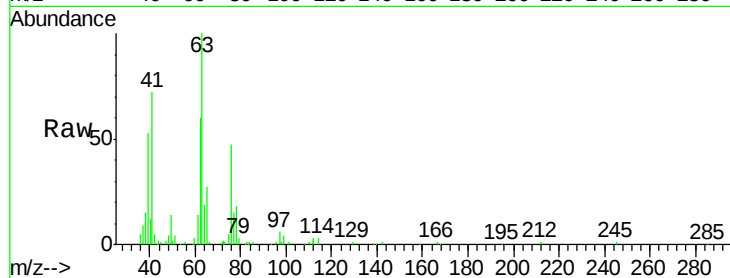
ClientSampleId :

VSTDICCC001

Tot Ion:	63	Resp:	95050
Ion	Ratio	Lower	Upper
63	100		
41	71.7	58.0	87.0
62	59.5	55.4	83.0

Manual Integrations
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#40

1,4-Dioxane

Concen: 1.063 ppbv m

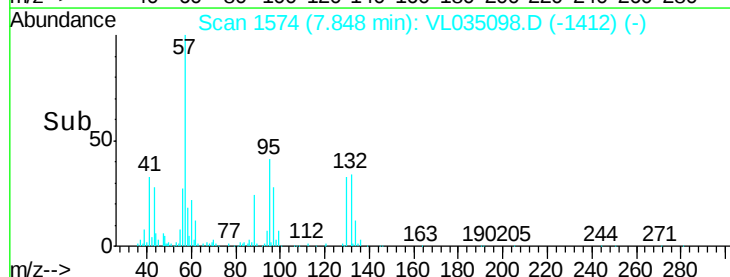
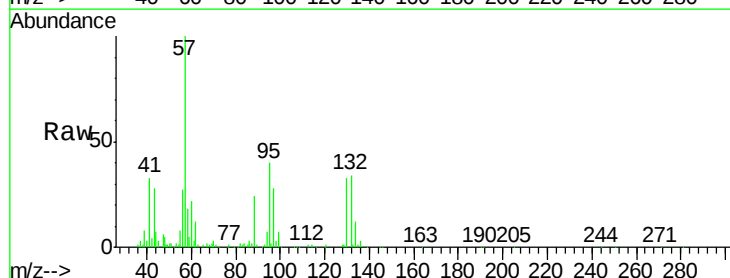
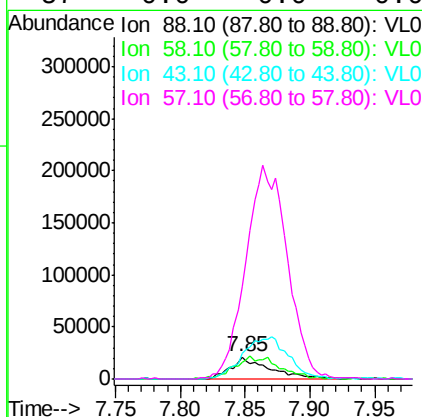
RT: 7.85 min Scan# 1574

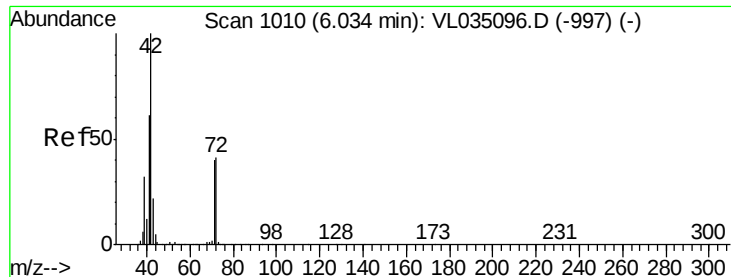
Delta R.T. 0.02 min

Lab File: VL035098.D

Acq: 19 Jun 2020 17:13

Tgt Ion:	88	Resp:	44121
Ion	Ratio	Lower	Upper
88	100		
58	0.0	110.2	165.4#
43	0.0	0.0	0.0
57	0.0	0.0	0.0





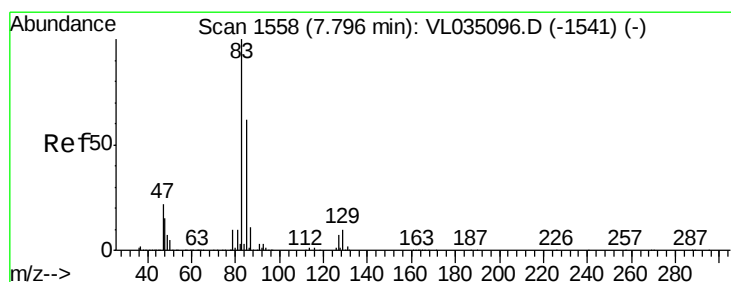
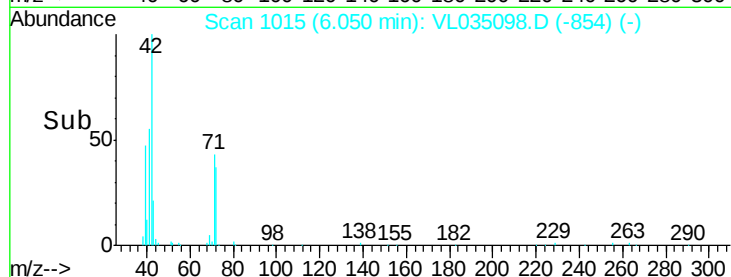
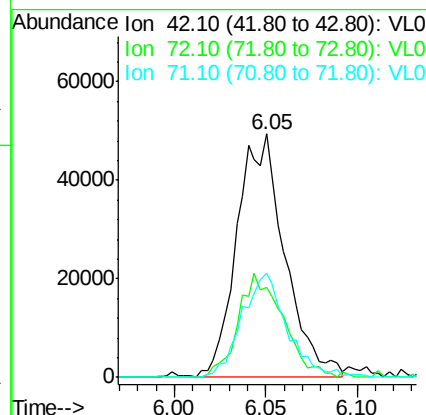
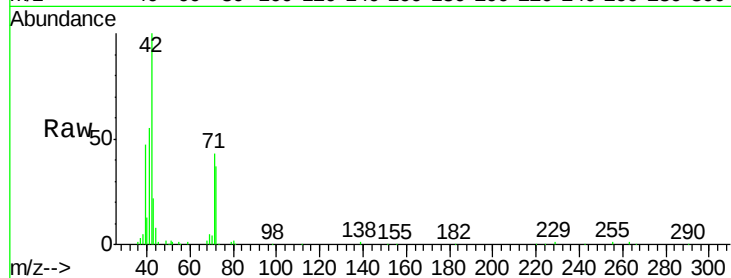
#41
Tetrahydrofuran
Concen: 0.882 ppbv m
RT: 6.05 min Scan# 1015
Delta R.T. 0.02 min
Lab File: VL035098.D
Acq: 19 Jun 2020 17:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC001

Tot Ion	Ratio	Lower	Upper
42	100		
72	40.0	33.4	50.2
71	0.0	31.8	47.6#

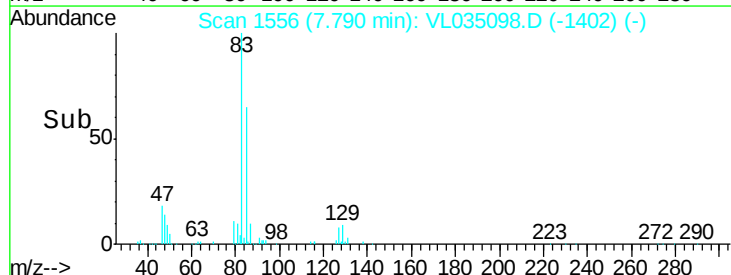
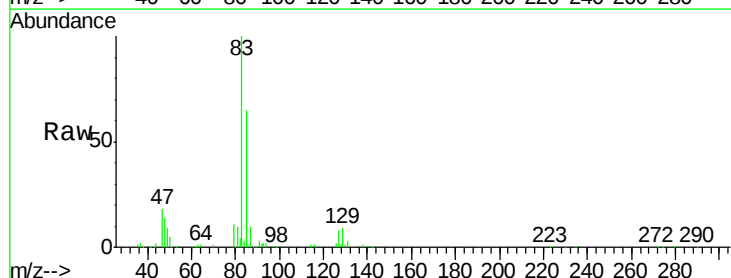
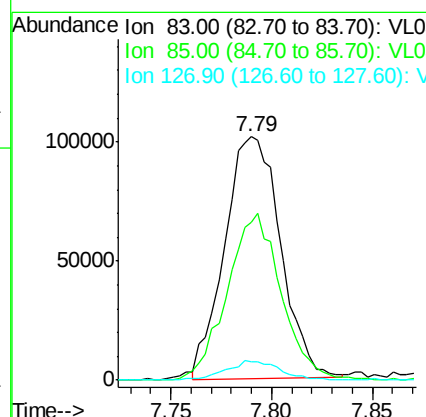
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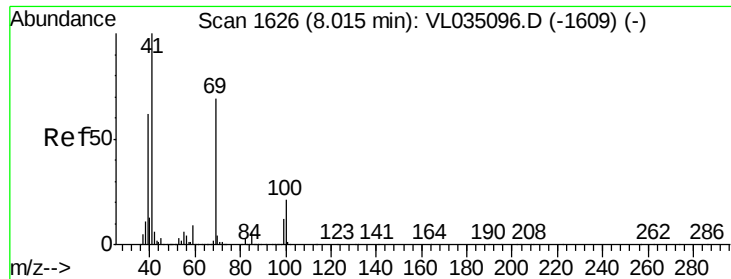
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#42
Bromodichloromethane
Concen: 0.910 ppbv
RT: 7.79 min Scan# 1556
Delta R.T. -0.01 min
Lab File: VL035098.D
Acq: 19 Jun 2020 17:13

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.0	49.4	74.0
127	7.9	5.9	8.9





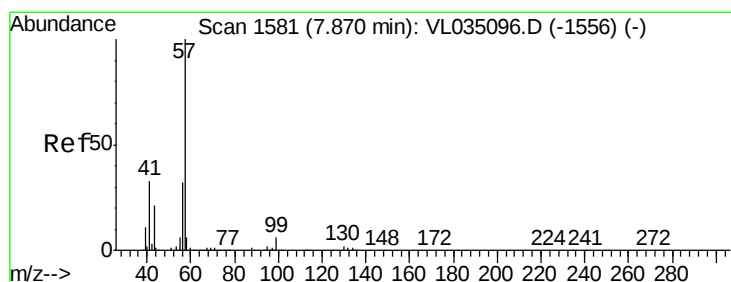
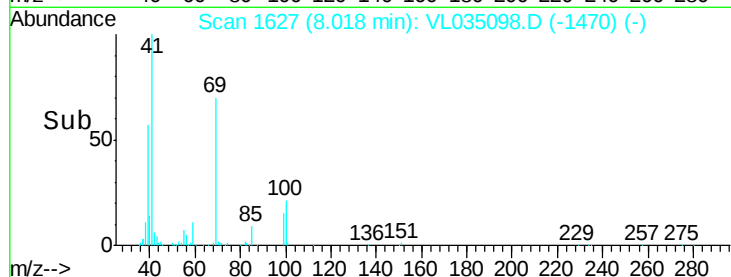
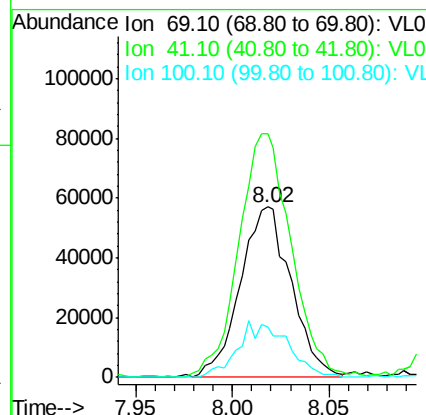
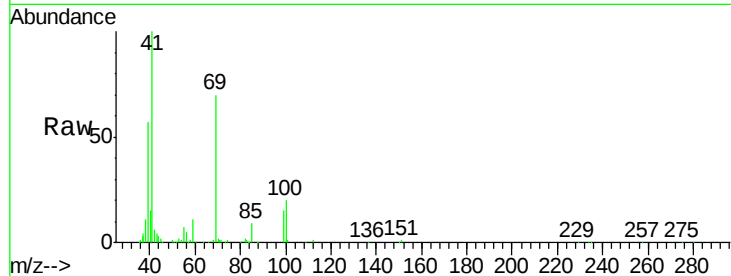
#43
Methvl Methacrilate
Concen: 0.936 ppbv
RT: 8.02 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VL035098.D
Acq: 19 Jun 2020 17:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC001

Tot Ion	Ratio	Lower	Upper
69	100		
41	148.0	116.4	174.6
100	32.3	25.3	37.9

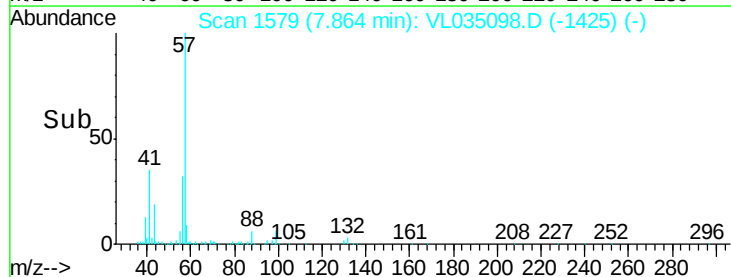
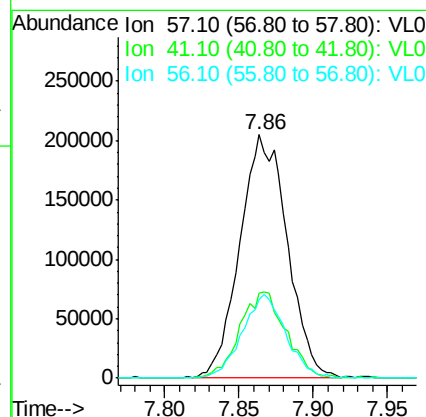
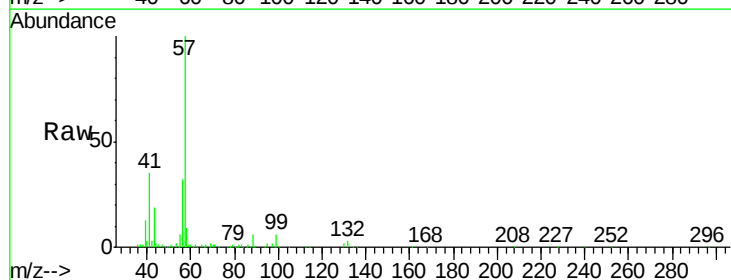
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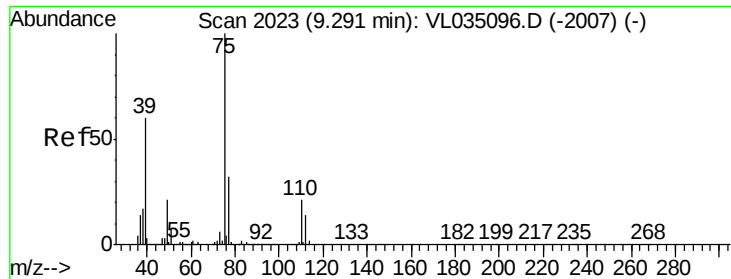
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#44
2,2,4-Trimethylpentane
Concen: 0.986 ppbv m
RT: 7.86 min Scan# 1579
Delta R.T. -0.01 min
Lab File: VL035098.D
Acq: 19 Jun 2020 17:13

Tgt Ion	Ratio	Lower	Upper
57	100		
41	34.6	26.2	39.2
56	31.4	25.4	38.2





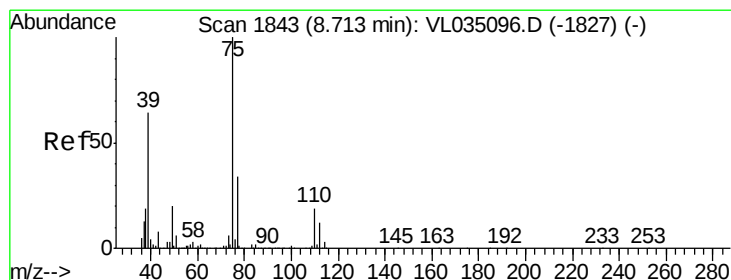
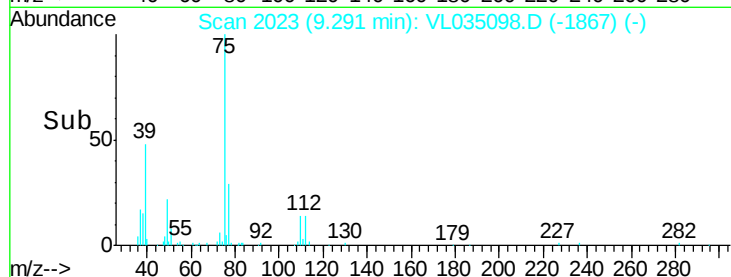
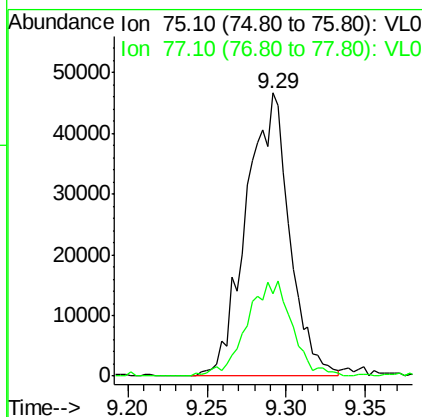
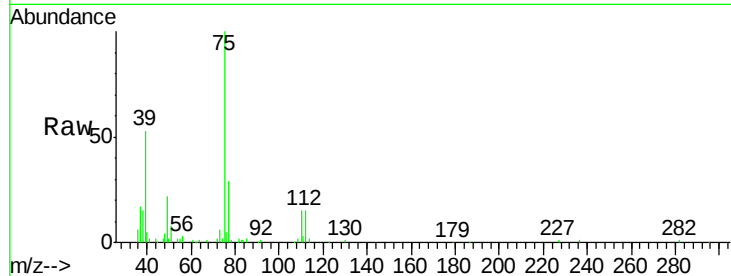
#45
t-1,3-Dichloropropene
Concen: 0.805 ppbv m
RT: 9.29 min Scan# 2023
Delta R.T. 0.00 min
Lab File: VL035098.D
Acq: 19 Jun 2020 17:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC001

Tot Ion	Ratio	Lower	Upper
75	100		
77	29.2	25.5	38.3

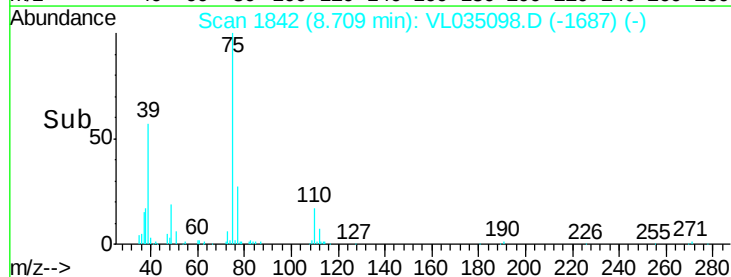
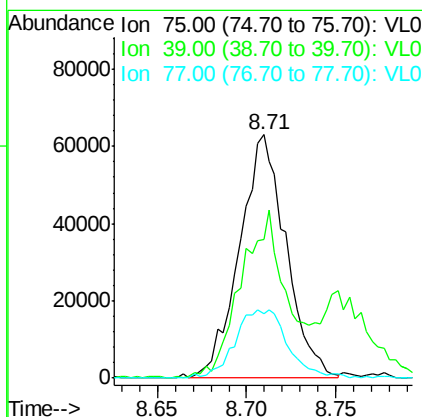
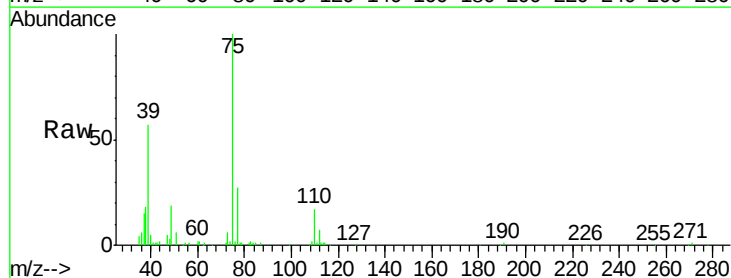
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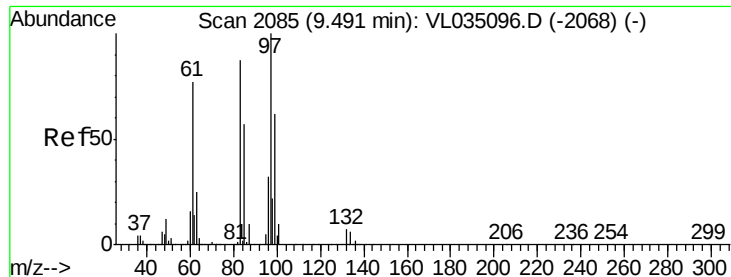
MMDadoda
6/22/2020 2:08:59 PM



#46
cis-1,3-Dichloropropene
Concen: 0.839 ppbv
RT: 8.71 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VL035098.D
Acq: 19 Jun 2020 17:13

Tgt Ion	Ratio	Lower	Upper
75	100		
39	56.3	51.1	76.7
77	26.5	26.9	40.3#





#47

1,1,2-Trichloroethane

Concen: 1.000 ppbv m

RT: 9.48 min Scan# 2083

Delta R.T. -0.01 min

Lab File: VL035098.D

Acq: 19 Jun 2020 17:13

Instrument :

MSVOA_L

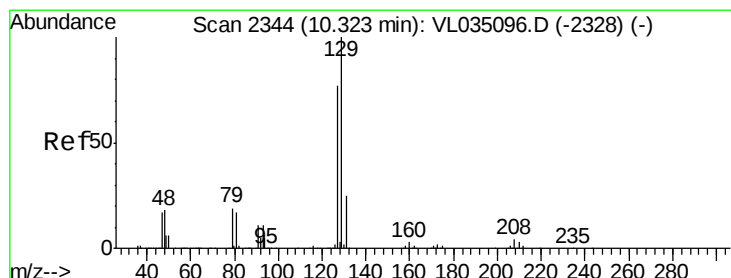
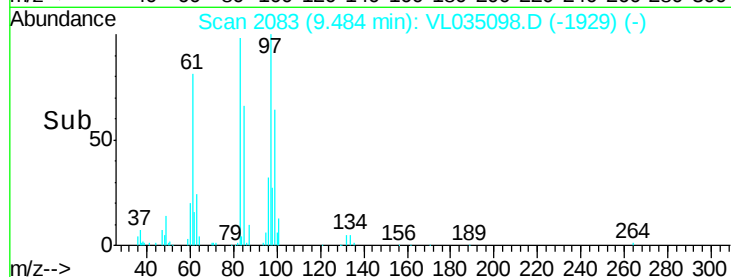
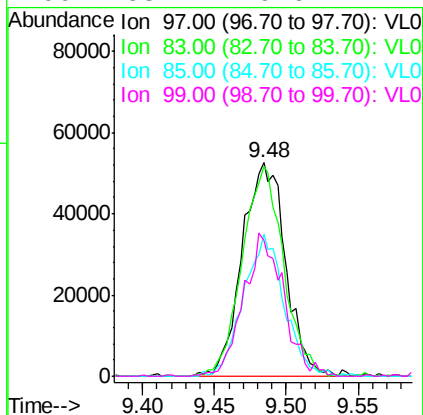
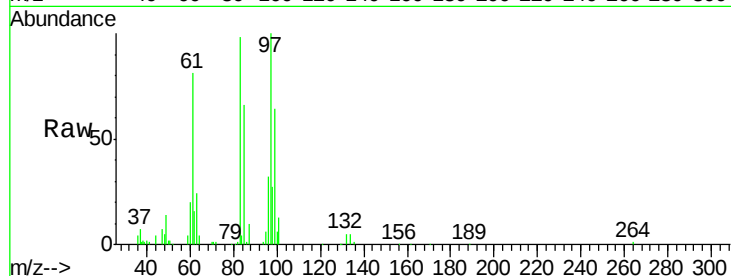
ClientSampleId :

VSTDICCC001

Tot Ion:	97	Resp:	110314
Ion	Ratio	Lower	Upper
97	100		
83	98.4	69.5	104.3
85	66.5	46.0	69.0
99	63.7	49.6	74.4

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#48

Dibromochloromethane

Concen: 0.902 ppbv

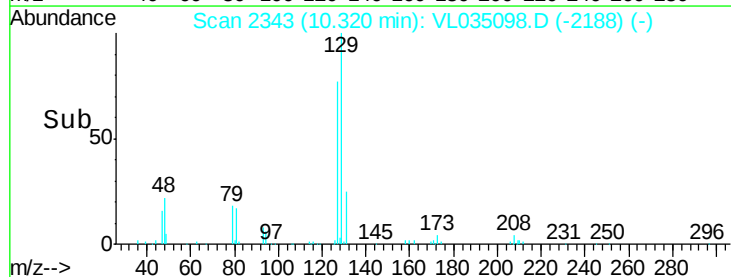
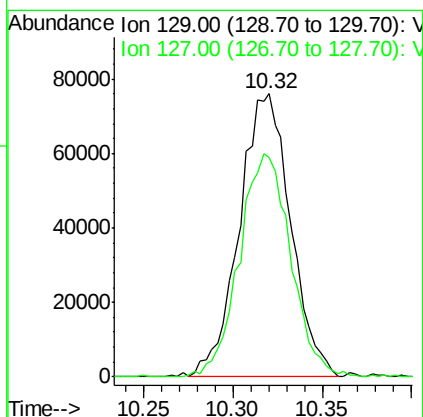
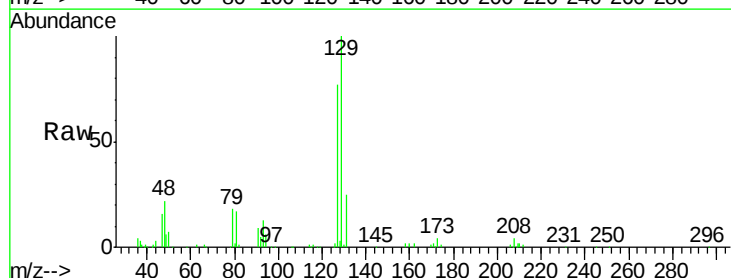
RT: 10.32 min Scan# 2343

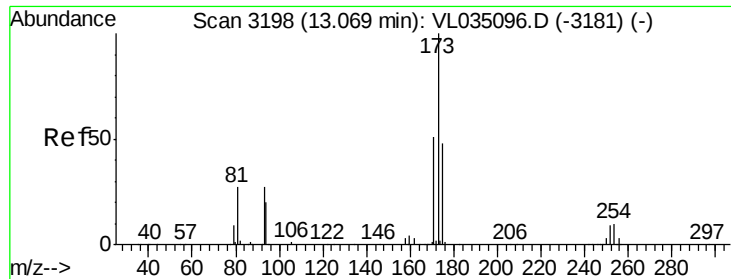
Delta R.T. -0.00 min

Lab File: VL035098.D

Acq: 19 Jun 2020 17:13

Tgt Ion:	129	Resp:	152604
Ion	Ratio	Lower	Upper
129	100		
127	78.9	39.3	117.8





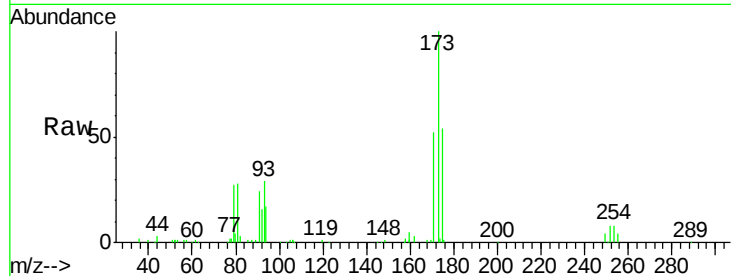
#49
Bromoform
Concen: 0.868 ppbv
RT: 13.07 min Scan# 3197
Delta R.T. -0.00 min
Lab File: VL035098.D
Acq: 19 Jun 2020 17:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC001

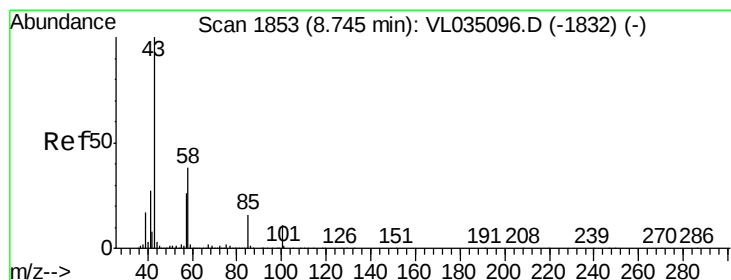
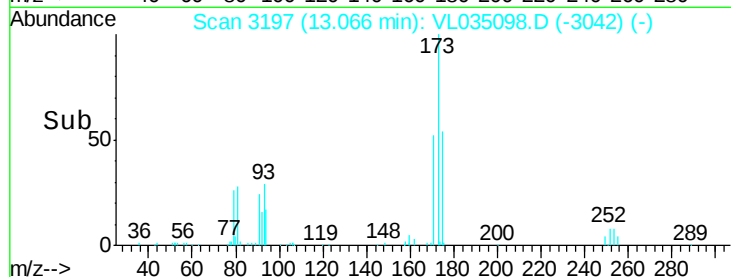
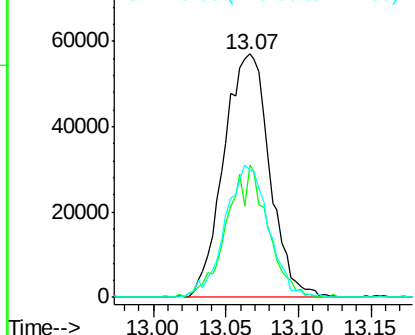
Tot Ion	Ratio	Lower	Upper
173	100		
175	48.2	39.1	58.7
171	51.0	41.7	62.5

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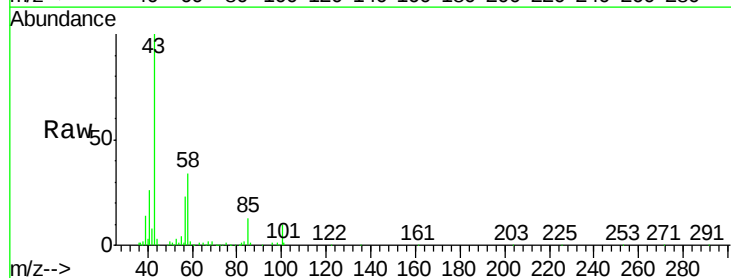


Abundance Ion 172.90 (172.60 to 173.60): V
Ion 174.90 (174.60 to 175.60): V
Ion 170.90 (170.60 to 171.60): V

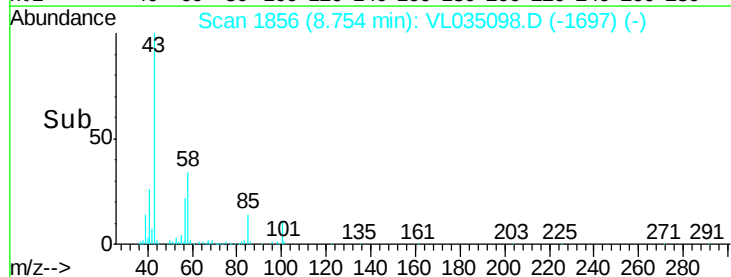
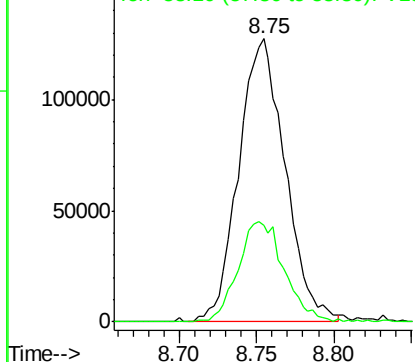


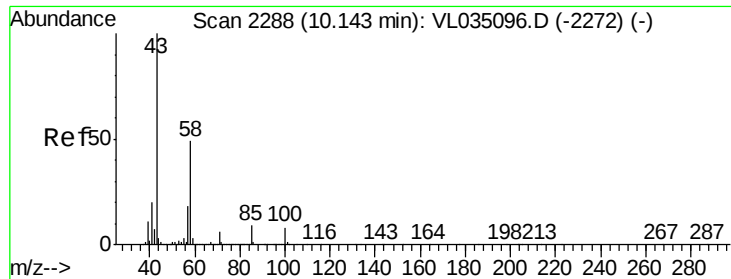
#50
4-Methyl-2-Pentanone
Concen: 0.956 ppbv
RT: 8.75 min Scan# 1856
Delta R.T. 0.01 min
Lab File: VL035098.D
Acq: 19 Jun 2020 17:13

Tgt Ion	Ratio	Lower	Upper
43	100		
58	35.5	29.4	44.0



Abundance Ion 43.10 (42.80 to 43.80): VL0
Ion 58.10 (57.80 to 58.80): VL0





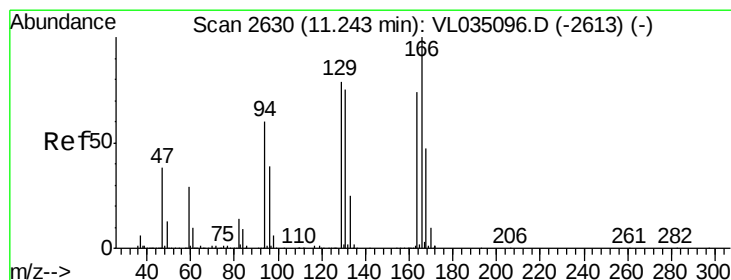
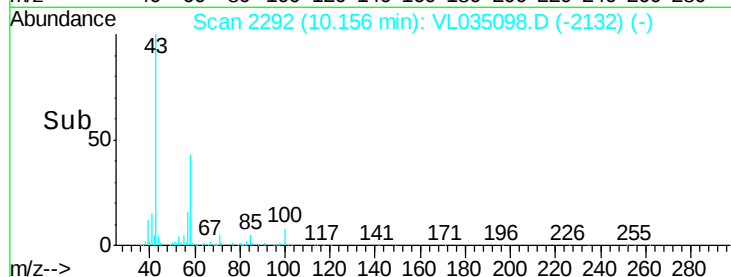
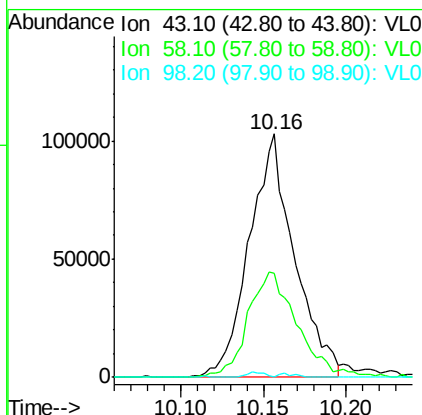
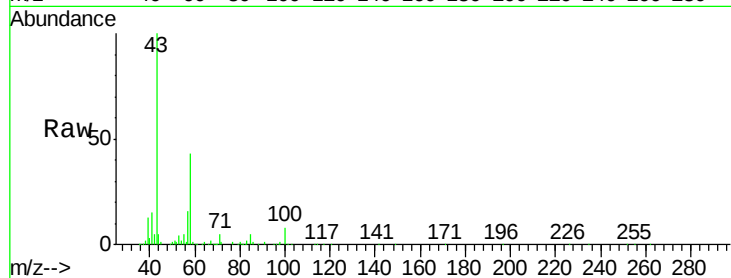
#51
2-Hexanone
Concen: 0.899 ppbv
RT: 10.16 min Scan# 2292
Delta R.T. 0.01 min
Lab File: VL035098.D
Acq: 19 Jun 2020 17:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC001

Tot Ion	Ratio	Lower	Upper
43	100		
58	48.0	39.2	58.8
98	1.5	0.3	0.5

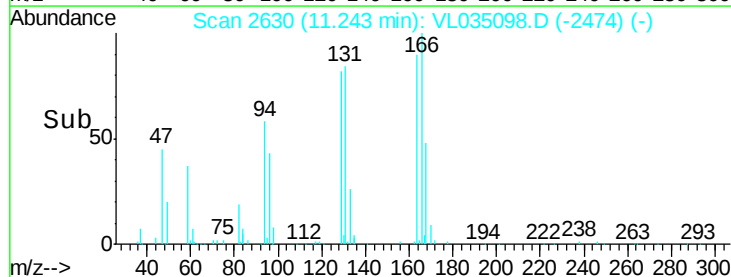
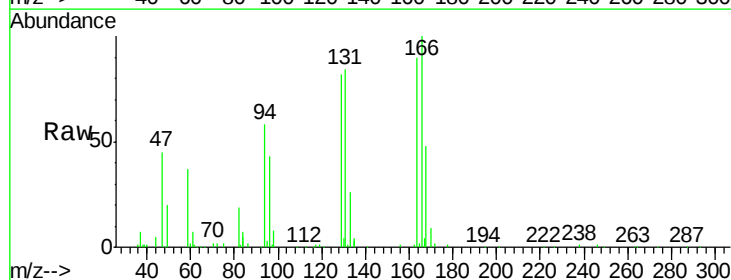
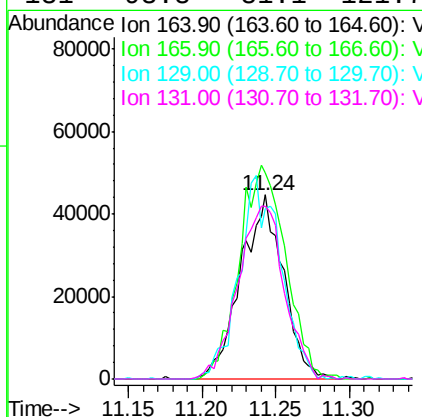
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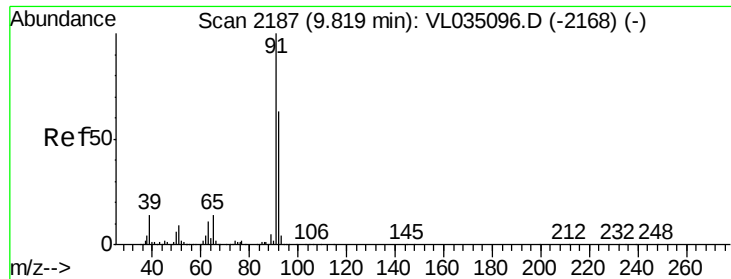
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#52
Tetrachloroethene
Concen: 0.968 ppbv m
RT: 11.24 min Scan# 2630
Delta R.T. 0.00 min
Lab File: VL035098.D
Acq: 19 Jun 2020 17:13

Tgt Ion	Ratio	Lower	Upper
164	100		
166	111.7	107.5	161.3
129	92.1	84.9	127.3
131	93.8	81.1	121.7





#53

Toluene

Concen: 0.940 ppbv

RT: 9.82 min Scan# 2187

Delta R.T. 0.00 min

Lab File: VL035098.D

Acq: 19 Jun 2020 17:13

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC001

Tot Ion: 91 Resp: 259278

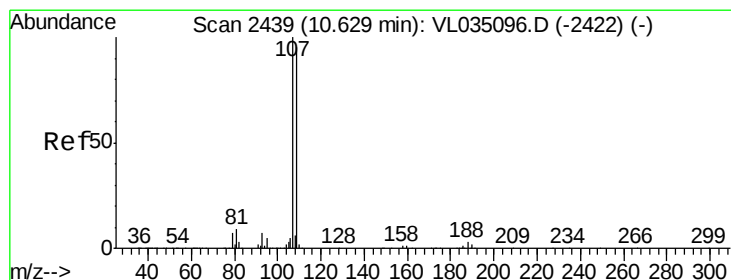
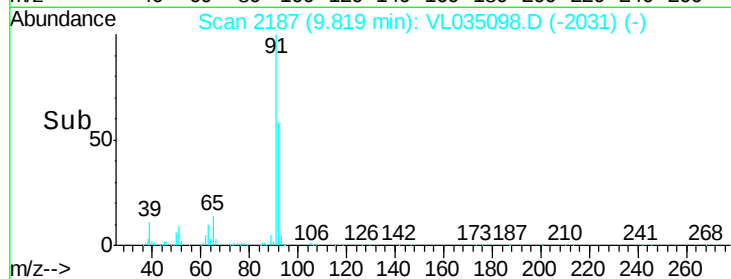
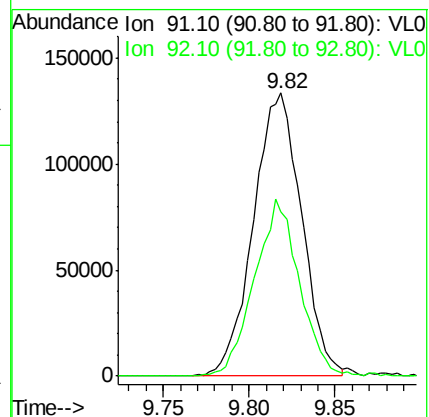
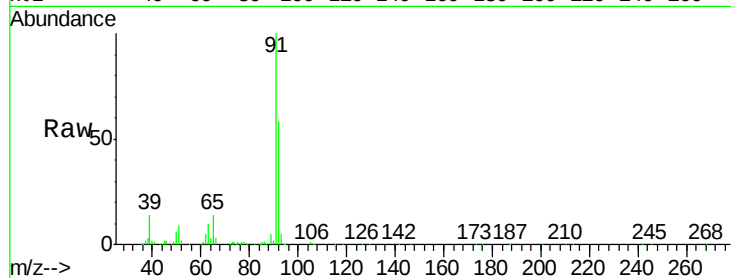
Ion Ratio Lower Upper

91 100

92 58.4 49.0 73.6

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#54

1,2-Dibromoethane

Concen: 1.011 ppbv

RT: 10.63 min Scan# 2438

Delta R.T. -0.00 min

Lab File: VL035098.D

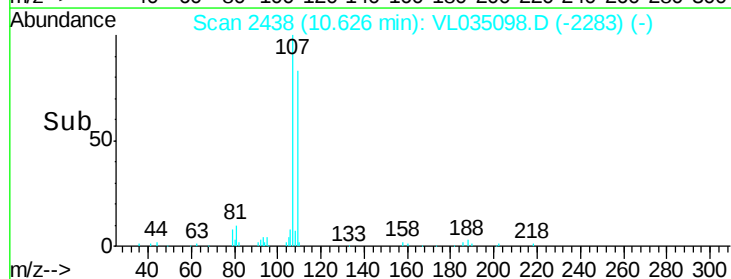
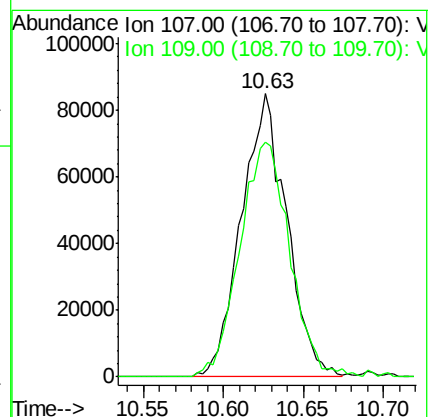
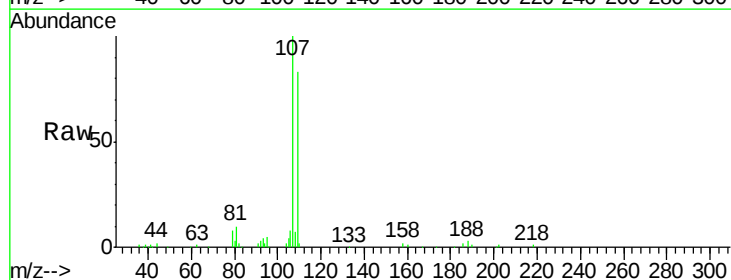
Acq: 19 Jun 2020 17:13

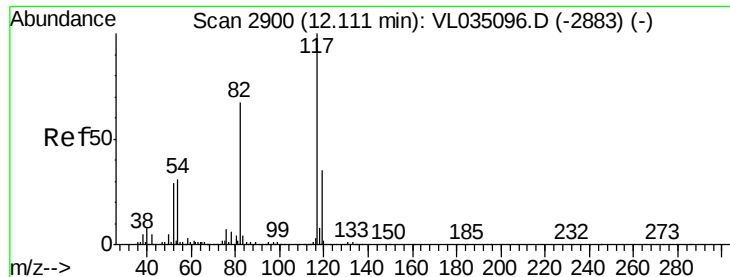
Tgt Ion: 107 Resp: 163380

Ion Ratio Lower Upper

107 100

109 83.2 75.9 113.9





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.10 min Scan# 2898

Delta R.T. -0.01 min

Lab File: VL035098.D

Acq: 19 Jun 2020 17:13

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC001

Tot Ion:117 Resp: 2998042

Ion Ratio Lower Upper

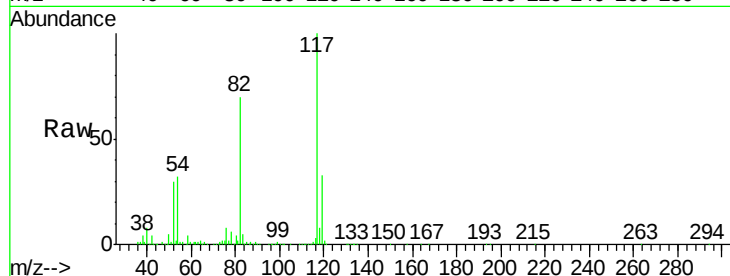
117 100

82 68.2 50.4 75.6

119 34.8 25.4 38.0

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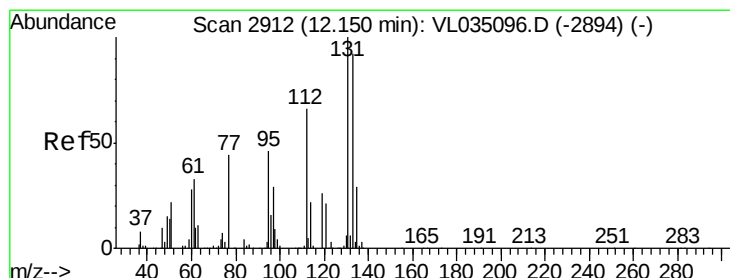
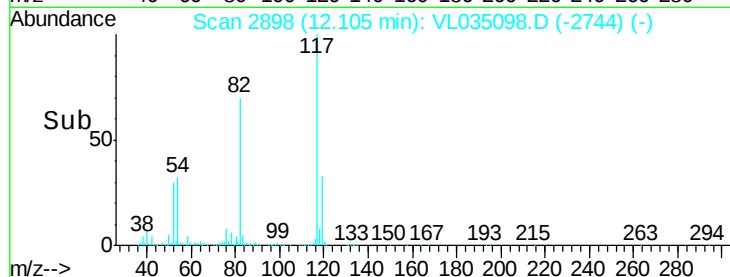
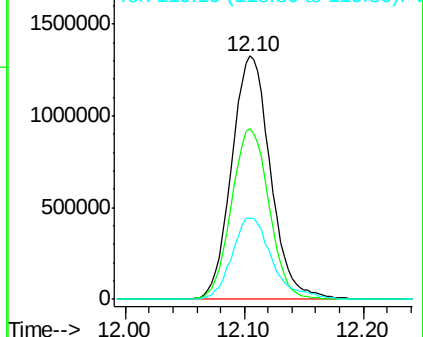
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Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): V

Ion 119.10 (118.80 to 119.80): V



#56

1,1,1,2-Tetrachloroethane

Concen: 0.977 ppbv

RT: 12.15 min Scan# 2912

Delta R.T. 0.00 min

Lab File: VL035098.D

Acq: 19 Jun 2020 17:13

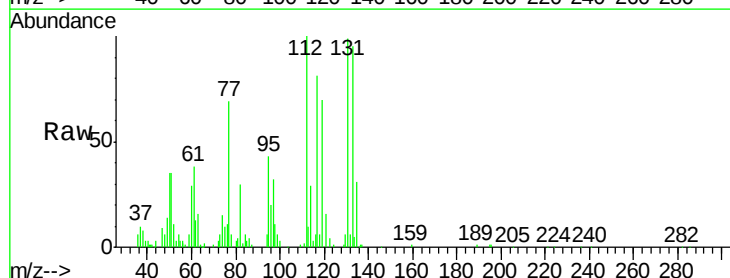
Tgt Ion:131 Resp: 130655

Ion Ratio Lower Upper

131 100

133 99.6 76.2 114.4

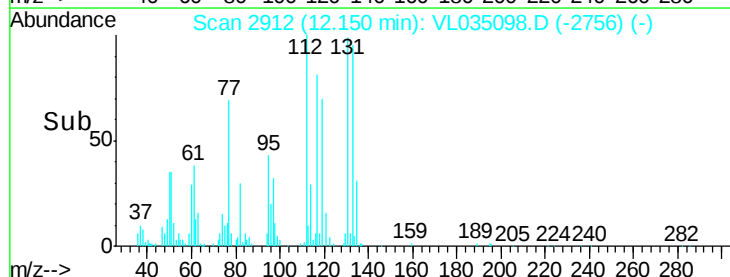
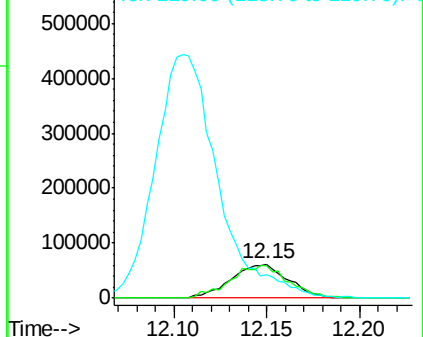
119 799.5 114.6 172.0#

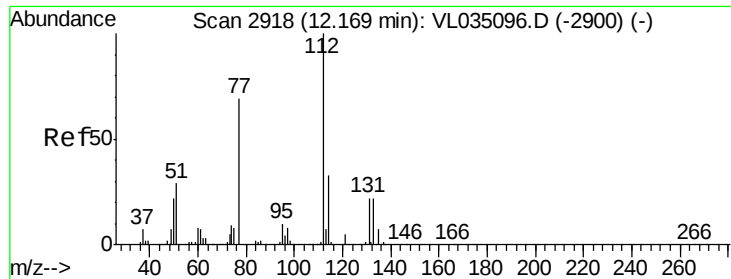


Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V





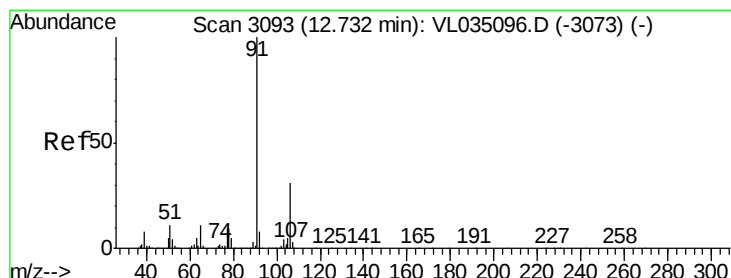
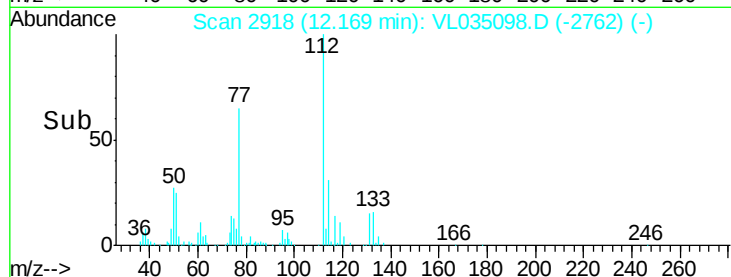
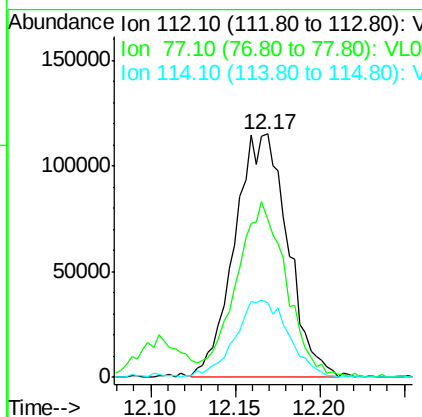
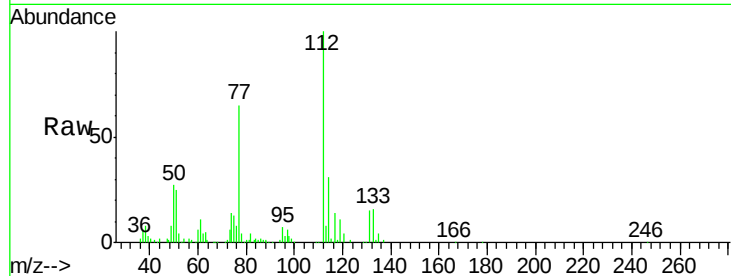
#57
Chlorobenzene
Concen: 1.067 ppbv m
RT: 12.17 min Scan# 2918
Delta R.T. 0.00 min
Lab File: VL035098.D
Acq: 19 Jun 2020 17:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC001

Tot Ion	Ratio	Lower	Upper
112	100		
77	64.6	56.7	85.1
114	30.8	29.3	35.9

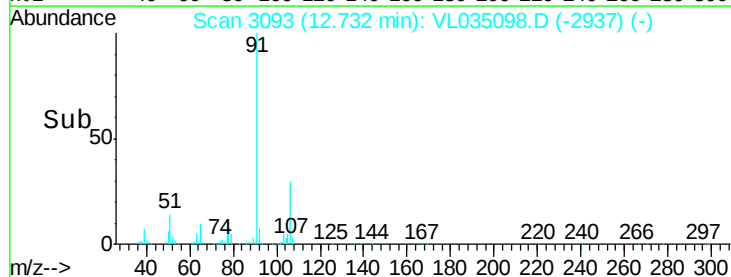
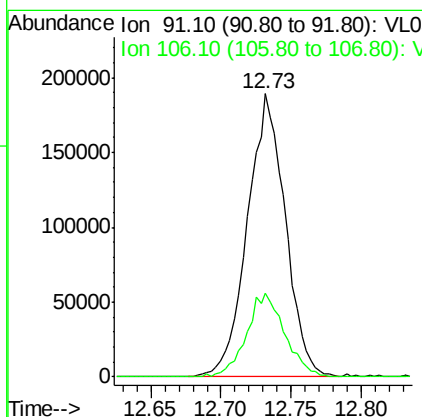
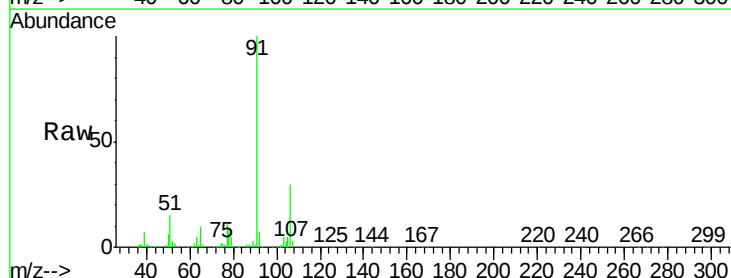
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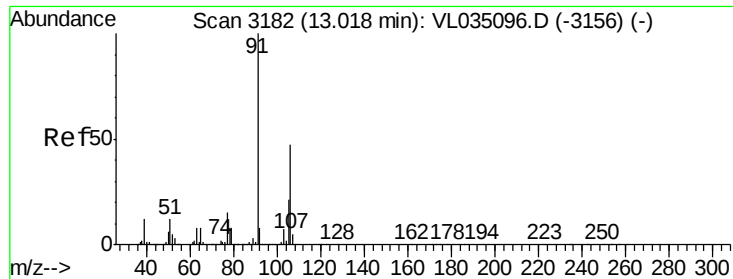
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#58
Ethyl Benzene
Concen: 0.974 ppbv
RT: 12.73 min Scan# 3093
Delta R.T. 0.00 min
Lab File: VL035098.D
Acq: 19 Jun 2020 17:13

Tgt Ion	Ratio	Lower	Upper
91	100		
106	29.7	25.0	37.6





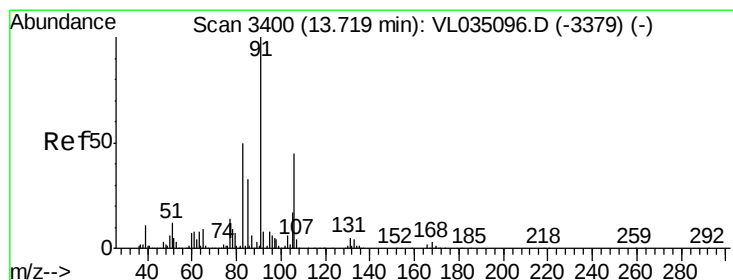
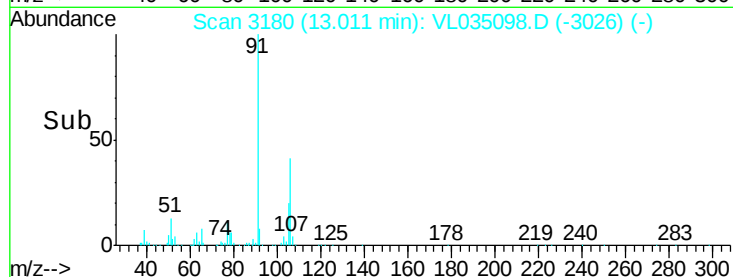
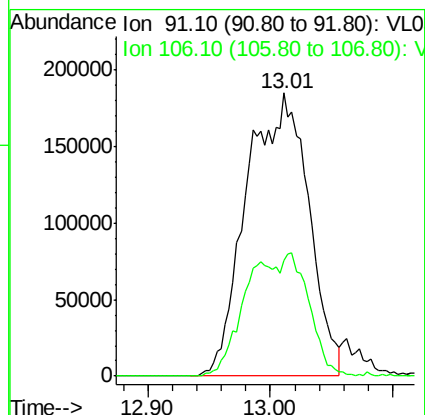
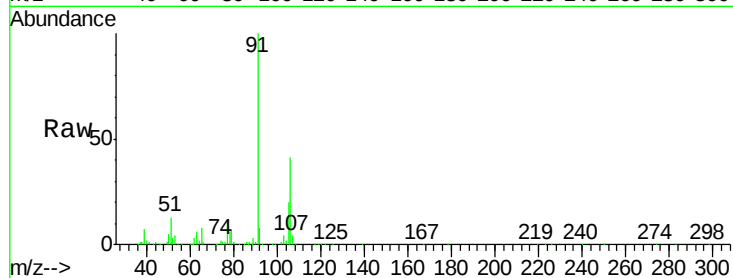
#59
m/p-Xylene
Concen: 2.012 ppbv m
RT: 13.01 min Scan# 3180
Delta R.T. -0.01 min
Lab File: VL035098.D
Acq: 19 Jun 2020 17:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC001

Tot Ion: 91 Resp: 647444
Ion Ratio Lower Upper
91 100
106 44.1 36.5 54.7

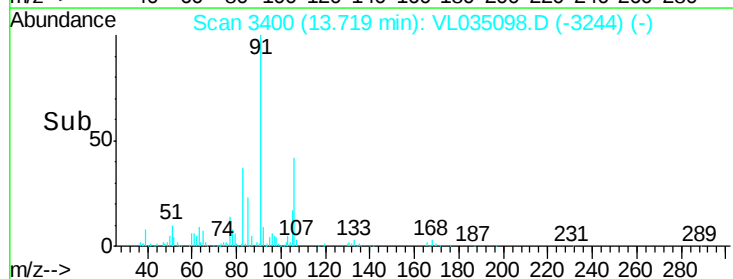
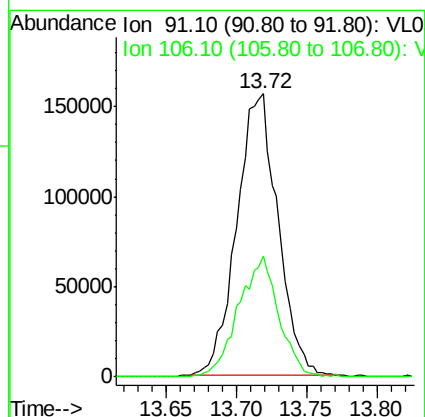
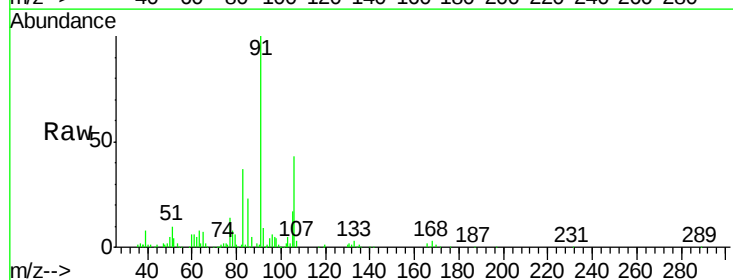
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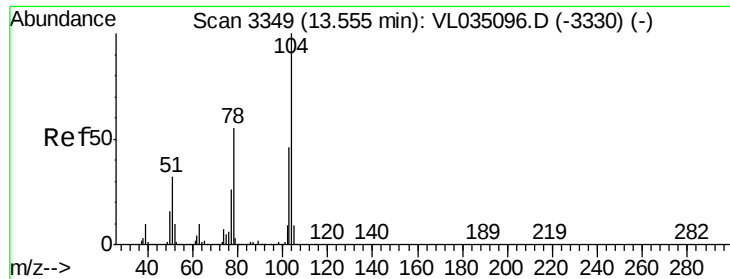
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#60
o-Xylene
Concen: 1.004 ppbv
RT: 13.72 min Scan# 3400
Delta R.T. 0.00 min
Lab File: VL035098.D
Acq: 19 Jun 2020 17:13

Tgt Ion: 91 Resp: 319004
Ion Ratio Lower Upper
91 100
106 42.1 22.1 66.5





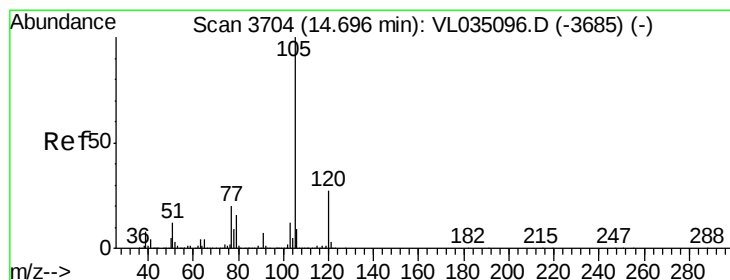
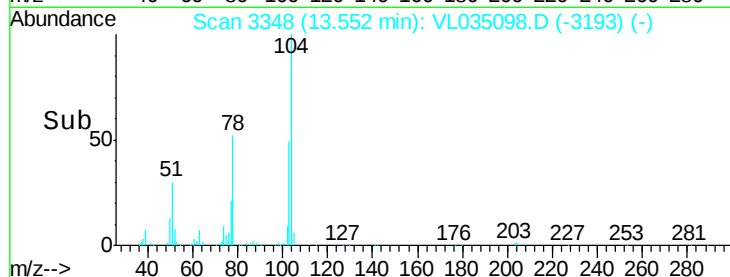
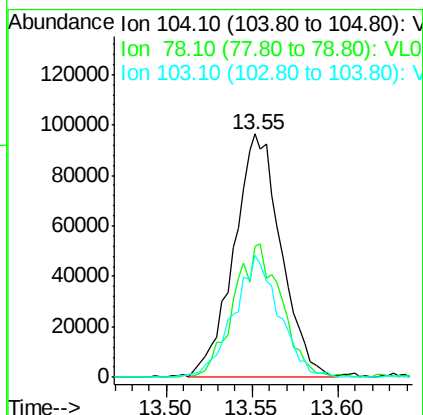
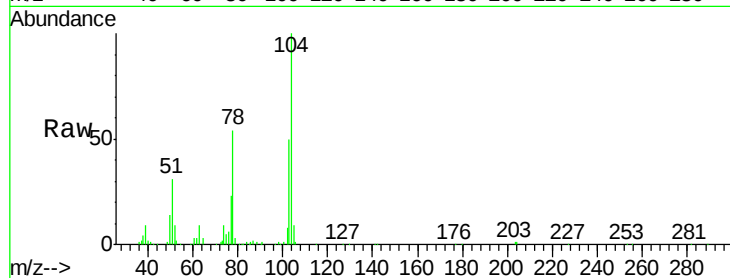
#61
Stvrene
Concen: 0.918 ppbv
RT: 13.55 min Scan# 3348
Delta R.T. -0.00 min
Lab File: VL035098.D
Acq: 19 Jun 2020 17:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC001

Tot Ion	Ratio	Lower	Upper
104	100		
78	55.4	43.4	65.0
103	48.4	38.3	57.5

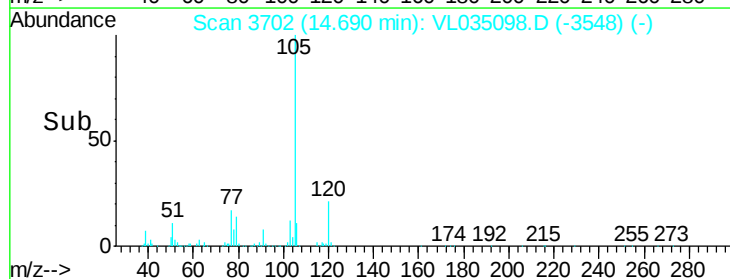
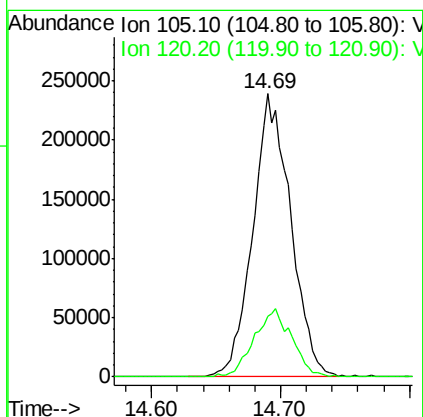
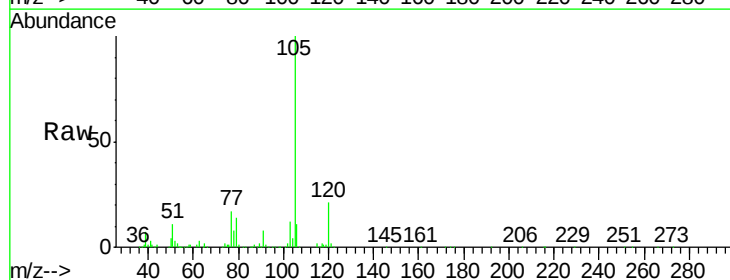
Manual Integrations
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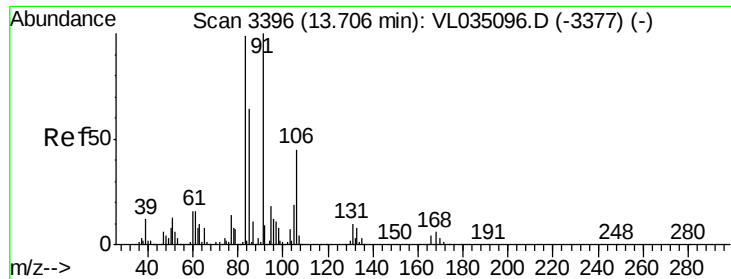
MMDadoda
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#62
Isopropylbenzene
Concen: 1.033 ppbv
RT: 14.69 min Scan# 3702
Delta R.T. -0.01 min
Lab File: VL035098.D
Acq: 19 Jun 2020 17:13

Tgt Ion	Ratio	Lower	Upper
105	100		
120	24.1	20.8	31.2





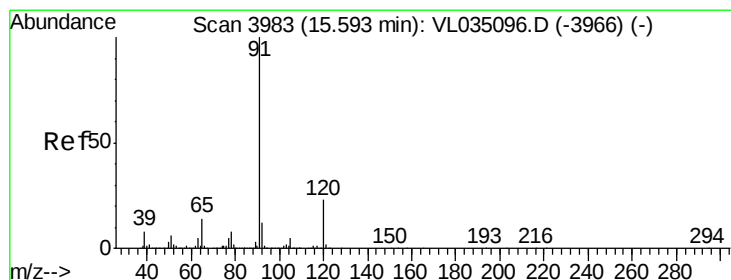
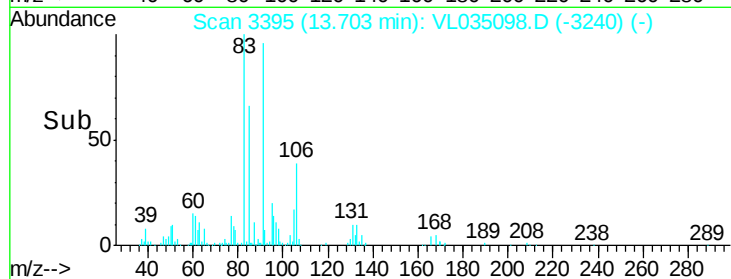
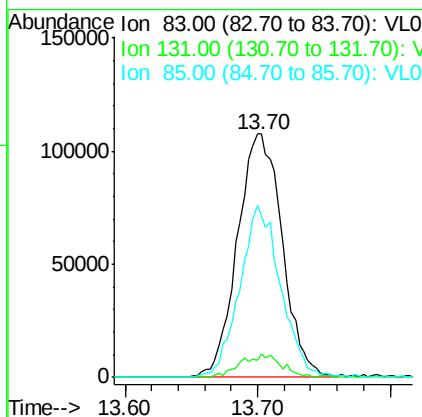
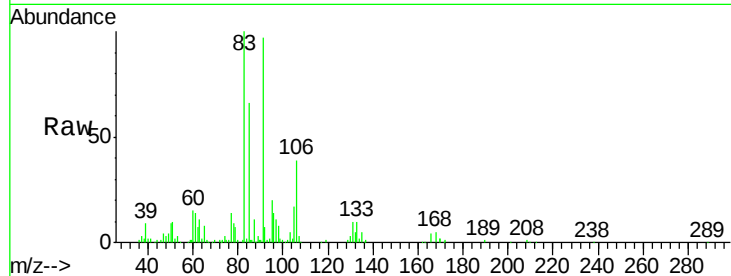
#63
 1,1,2,2-Tetrachloroethane
 Concen: 1.004 ppbv
 RT: 13.70 min Scan# 3395
 Delta R.T. -0.00 min
 Lab File: VL035098.D
 Acq: 19 Jun 2020 17:13

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC001

Tot Ion	83	Resp	252293
Ion	Ratio	Lower	Upper
83	100		
131	8.9	4.7	14.0
85	64.5	32.4	97.0

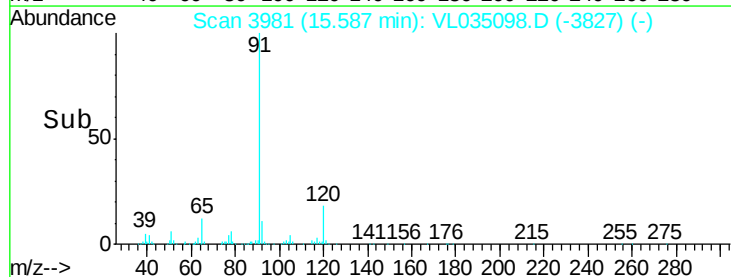
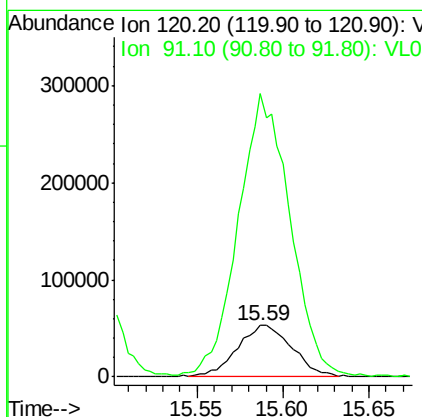
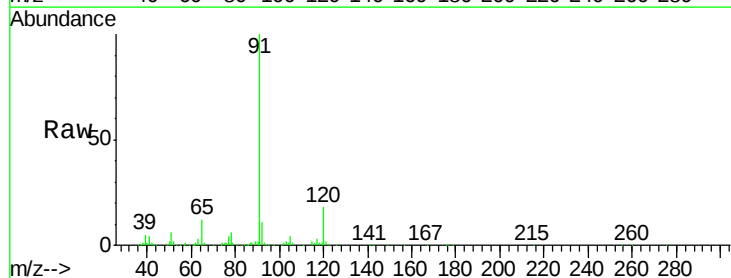
Manual Integrations
 APPROVED

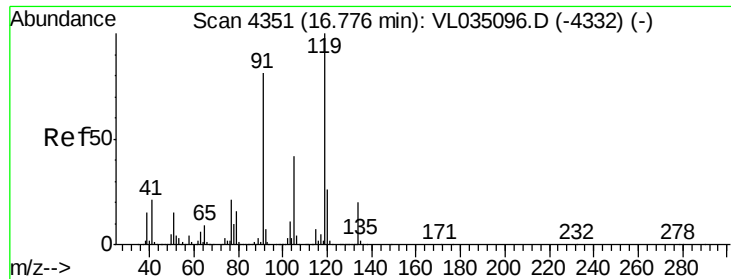
MMDadoda
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#64
 n-propylbenzene
 Concen: 0.962 ppbv
 RT: 15.59 min Scan# 3981
 Delta R.T. -0.01 min
 Lab File: VL035098.D
 Acq: 19 Jun 2020 17:13

Tgt Ion	120	Resp	117113
Ion	Ratio	Lower	Upper
120	100		
91	522.1	367.9	551.9





#65

tert-Butylbenzene

Concen: 1.008 ppbv

RT: 16.78 min Scan# 4351

Delta R.T. 0.00 min

Lab File: VL035098.D

Acq: 19 Jun 2020 17:13

Instrument :

MSVOA_L

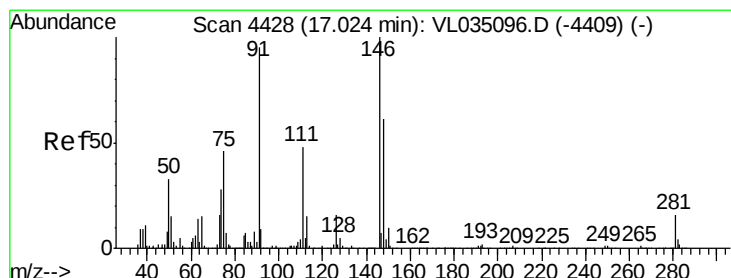
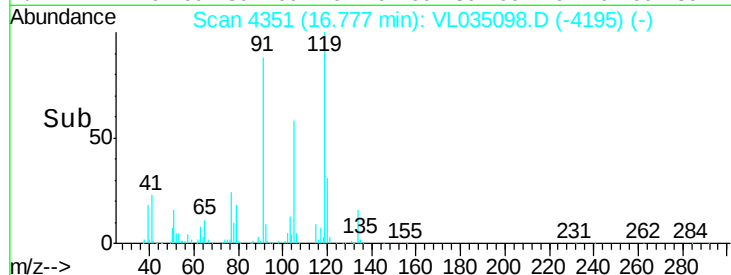
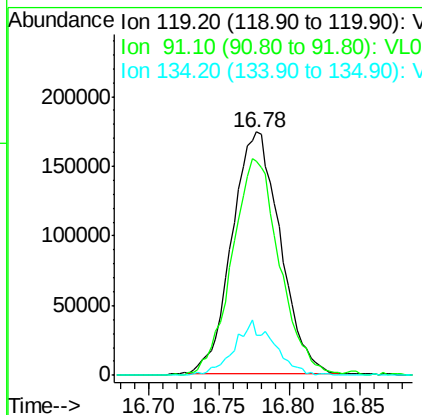
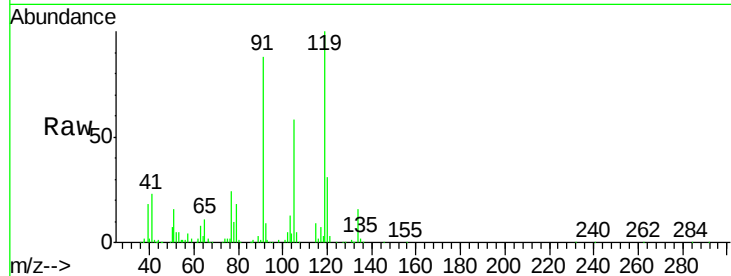
ClientSampleId :

VSTDICCC001

Tot Ion:	119	Resp:	415307
Ion Ratio	Lower	Upper	
119	100		
91	88.8	67.6	101.4
134	19.0	15.7	23.5

Manual Integrations
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#66

Benzyl Chloride

Concen: 0.724 ppbv

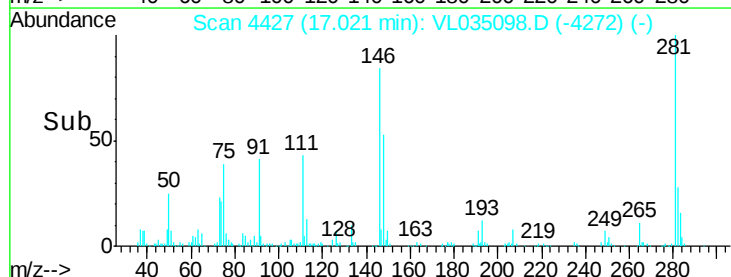
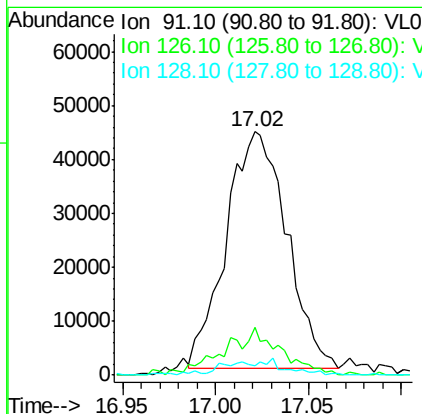
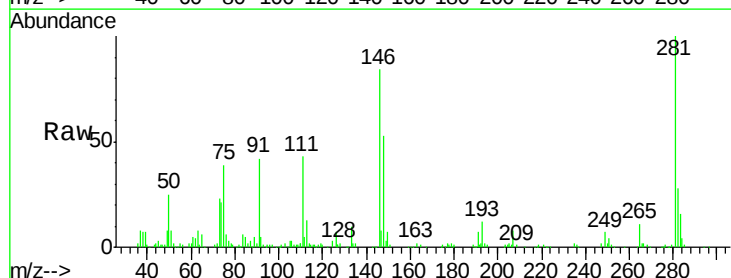
RT: 17.02 min Scan# 4427

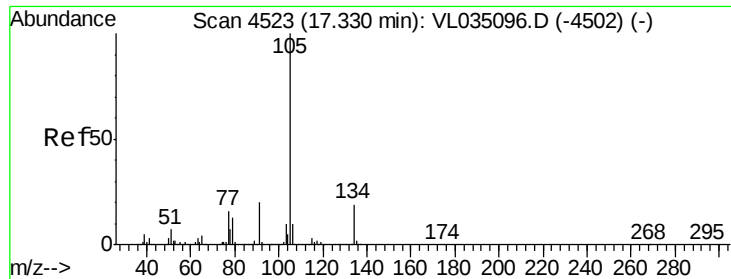
Delta R.T. -0.00 min

Lab File: VL035098.D

Acq: 19 Jun 2020 17:13

Tgt Ion:	91	Resp:	98909
Ion Ratio	Lower	Upper	
91	100		
126	19.4	13.5	20.3
128	6.7	4.3	6.5#





#67

sec-Butylbenzene

Concen: 1.020 ppbv

RT: 17.33 min Scan# 4522

Delta R.T. -0.00 min

Lab File: VL035098.D

Acq: 19 Jun 2020 17:13

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC001

Tot Ion: 105 Resp: 598886

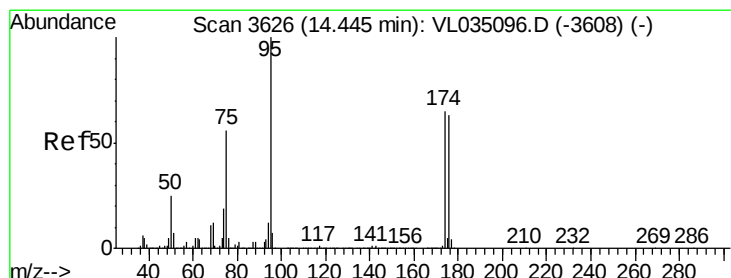
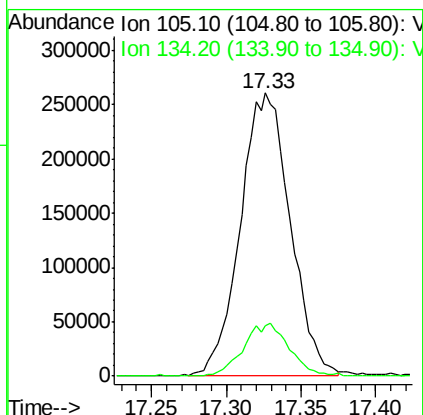
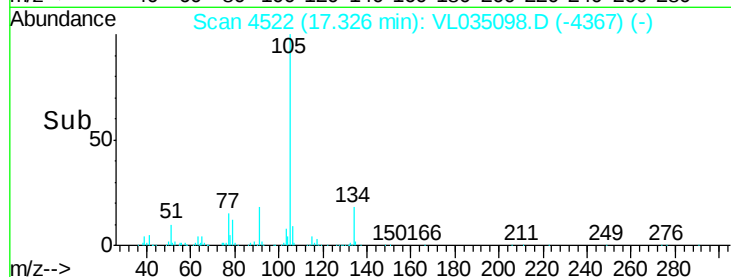
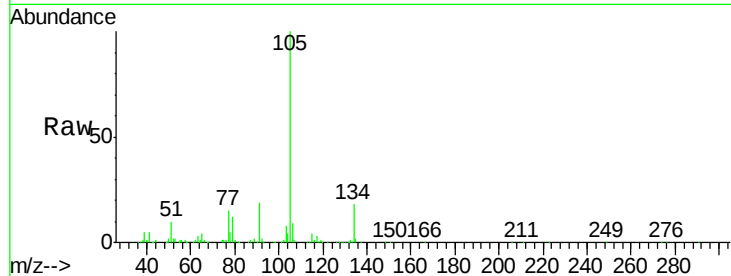
Ion Ratio Lower Upper

105 100

134 17.4 14.7 22.1

Manual Integrations
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#68

1-Bromo-4-Fluorobenzene

Concen: 10.448 ppbv

RT: 14.44 min Scan# 3625

Delta R.T. -0.00 min

Lab File: VL035098.D

Acq: 19 Jun 2020 17:13

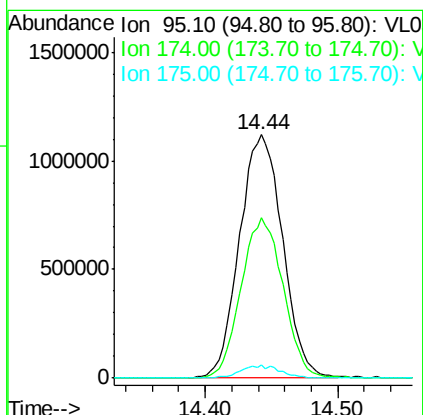
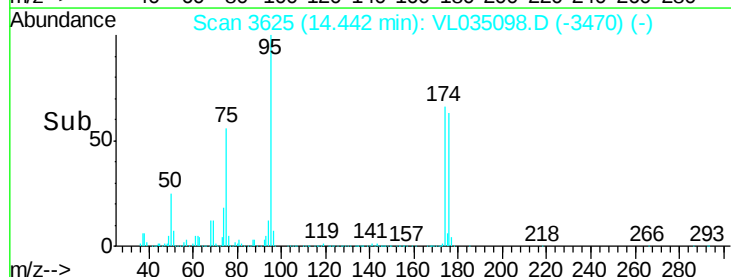
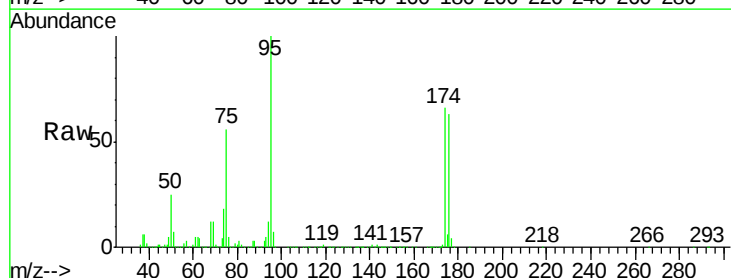
Tgt Ion: 95 Resp: 2525424

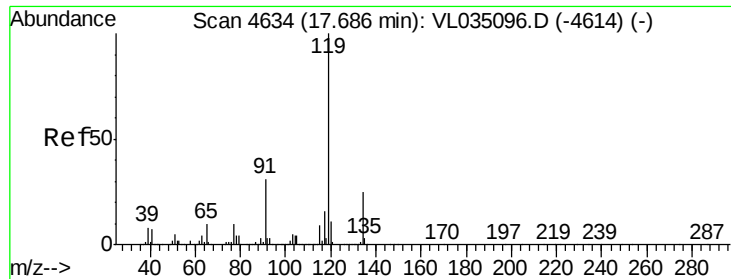
Ion Ratio Lower Upper

95 100

174 64.9 52.2 78.2

175 4.8 4.0 6.0





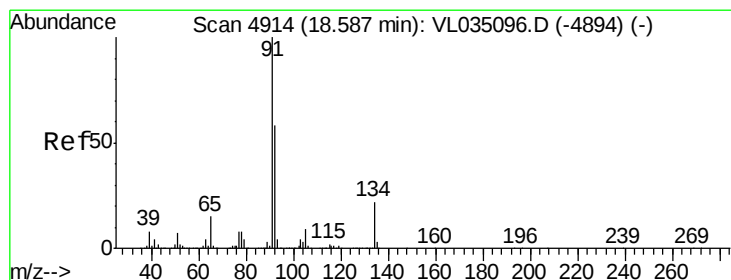
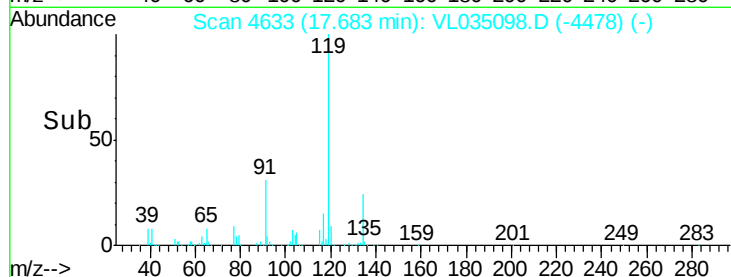
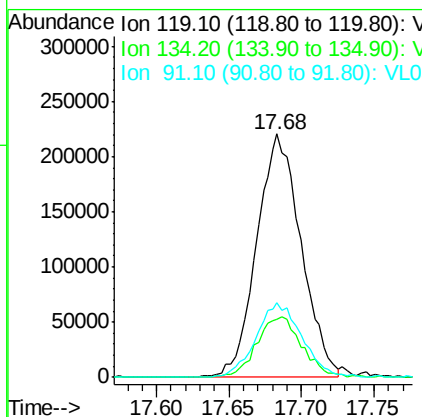
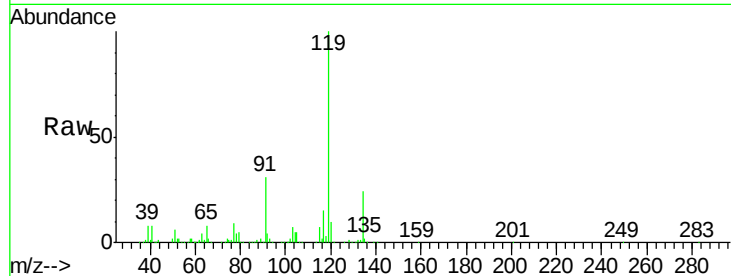
#69
 p-Isopropyltoluene
 Concen: 0.987 ppbv
 RT: 17.68 min Scan# 4633
 Delta R.T. -0.00 min
 Lab File: VL035098.D
 Acq: 19 Jun 2020 17:13

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC001

Tot Ion	Ratio	Resp	Lower	Upper
119	100	468680		
134	25.6		20.4	30.6
91	32.2		24.5	36.7

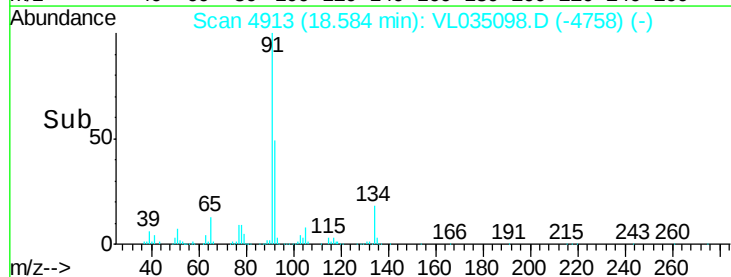
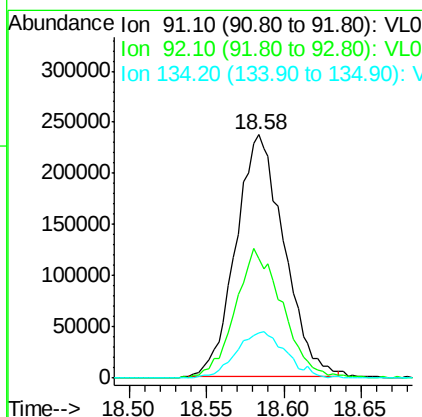
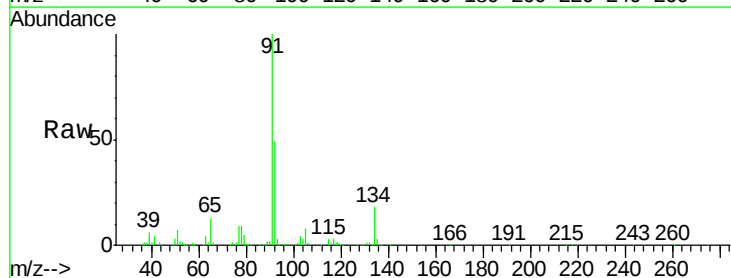
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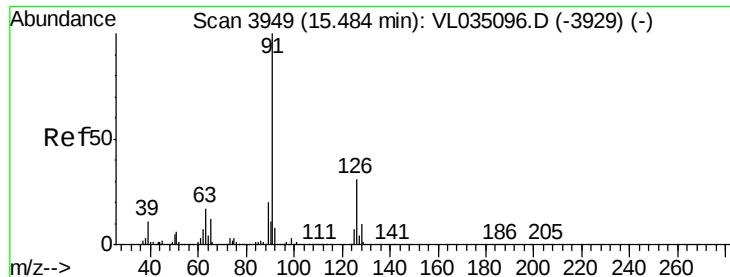
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#70
 n-Butylbenzene
 Concen: 1.015 ppbv
 RT: 18.58 min Scan# 4913
 Delta R.T. -0.00 min
 Lab File: VL035098.D
 Acq: 19 Jun 2020 17:13

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	512079		
92	52.7		44.4	66.6
134	20.0		18.0	27.0





#71

2-Chlorotoluene

Concen: 1.010 ppbv

RT: 15.48 min Scan# 3949

Delta R.T. 0.00 min

Lab File: VL035098.D

Acq: 19 Jun 2020 17:13

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC001

Tot Ion: 91 Resp: 361459

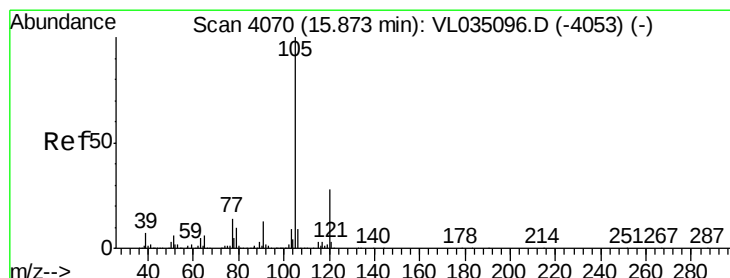
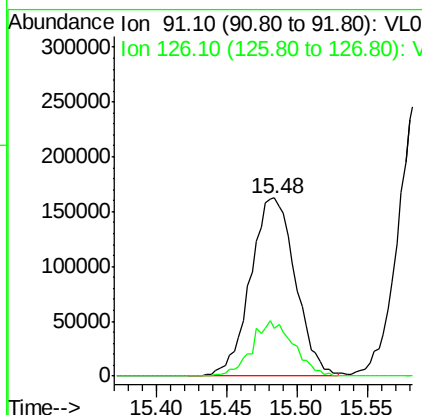
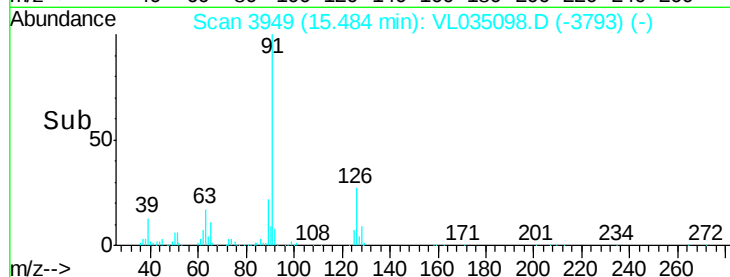
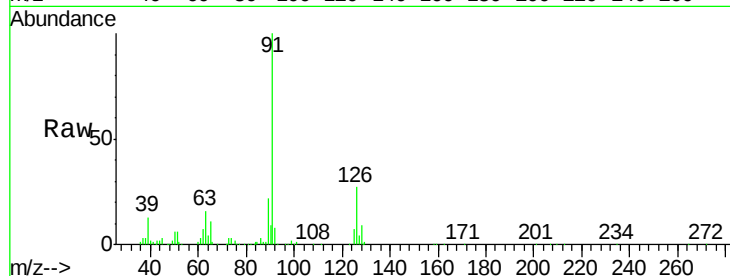
Ion Ratio Lower Upper

91 100

126 28.7 12.0 48.0

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#72

4-Ethyltoluene

Concen: 1.004 ppbv

RT: 15.87 min Scan# 4068

Delta R.T. -0.01 min

Lab File: VL035098.D

Acq: 19 Jun 2020 17:13

Tgt Ion: 105 Resp: 356450

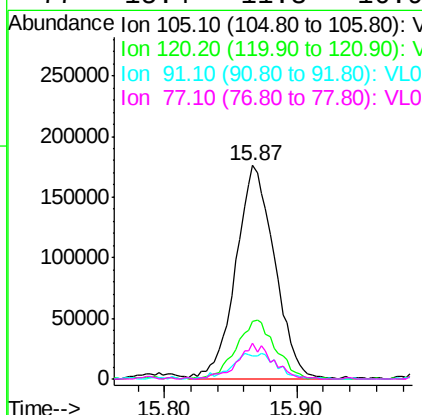
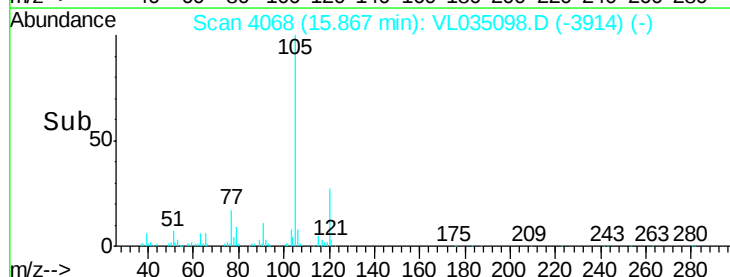
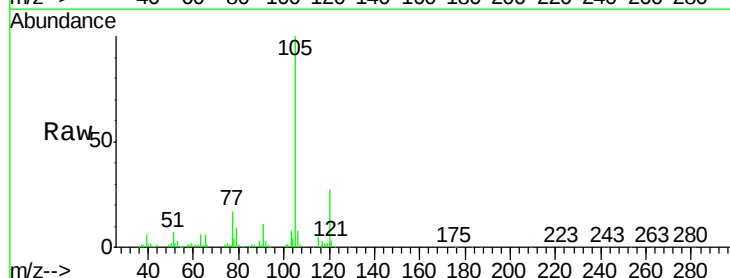
Ion Ratio Lower Upper

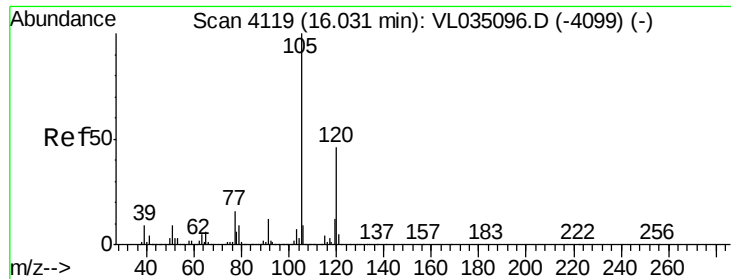
105 100

120 28.4 23.4 35.0

91 14.0 10.6 16.0

77 15.4 11.3 16.9





#73

1,3,5-Trimethylbenzene

Concen: 0.966 ppbv

RT: 16.03 min Scan# 4118

Delta R.T. -0.00 min

Lab File: VL035098.D

Acq: 19 Jun 2020 17:13

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC001

Tot Ion:105 Resp: 332497

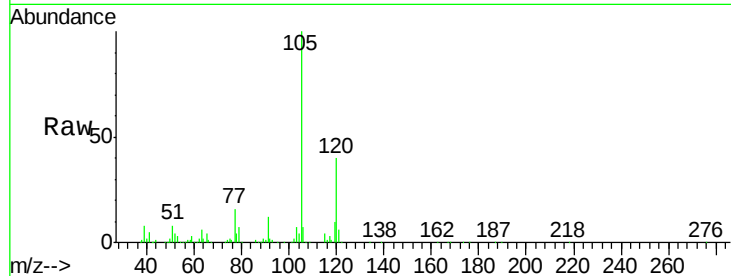
Ion Ratio Lower Upper

105 100

120 39.5 37.0 55.6

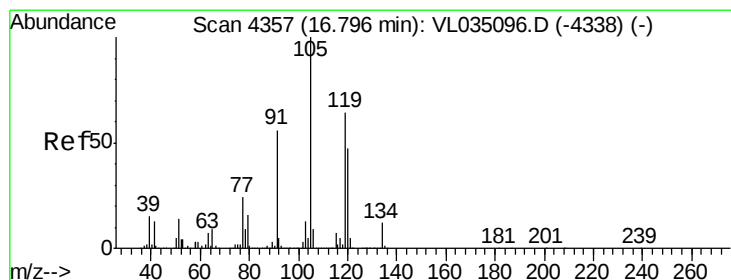
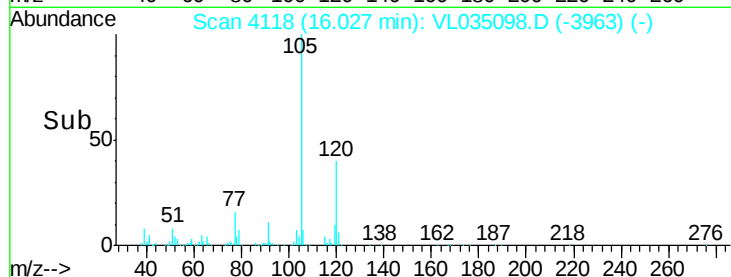
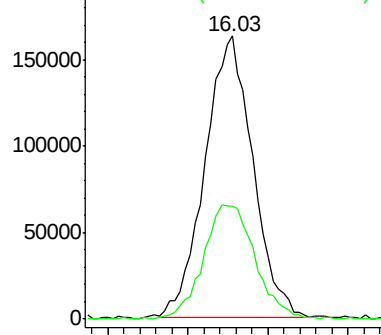
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Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V



#74

1,2,4-Trimethylbenzene

Concen: 1.026 ppbv

RT: 16.79 min Scan# 4355

Delta R.T. -0.01 min

Lab File: VL035098.D

Acq: 19 Jun 2020 17:13

Tgt Ion:105 Resp: 385476

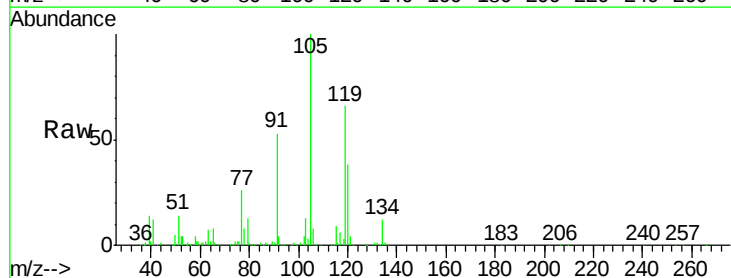
Ion Ratio Lower Upper

105 100

120 37.4 37.9 56.9#

91 52.3 46.0 69.0

77 25.7 19.4 29.2

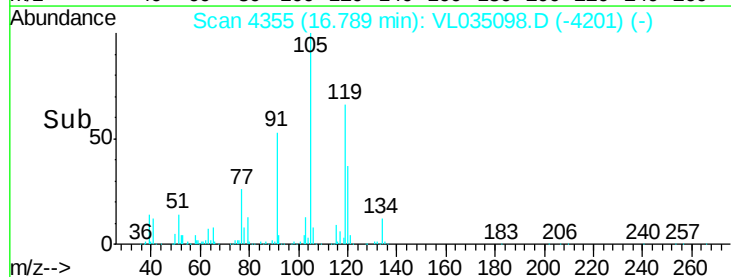
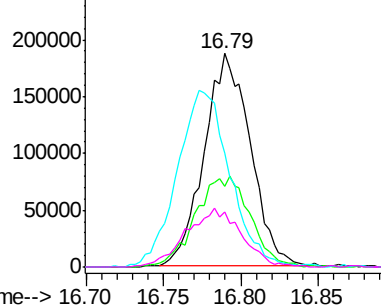


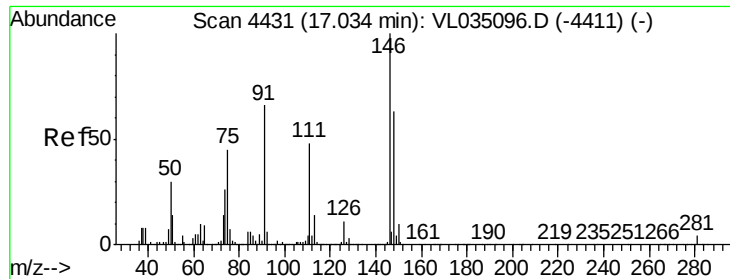
Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0

Ion 77.10 (76.80 to 77.80): VL0





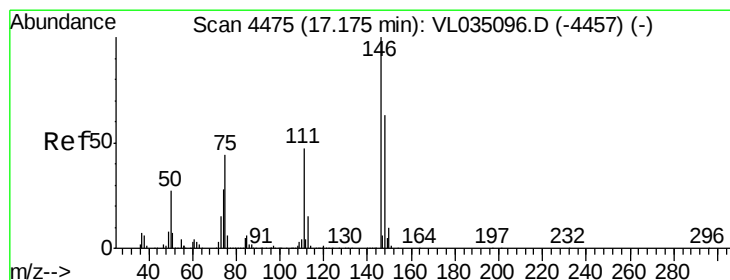
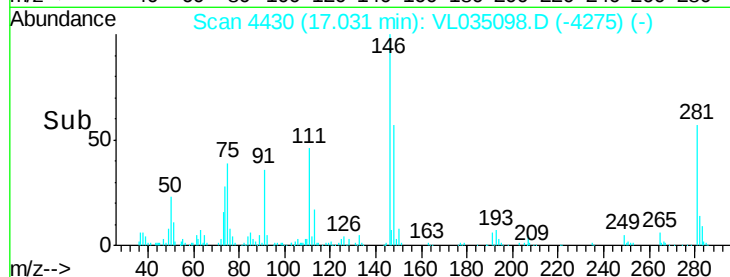
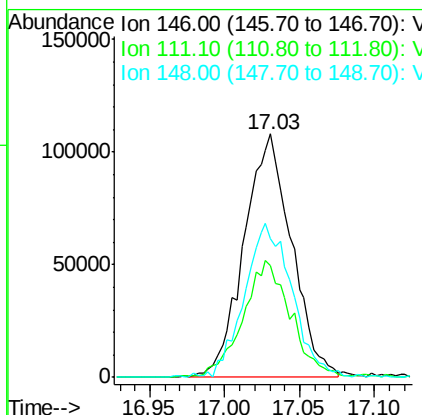
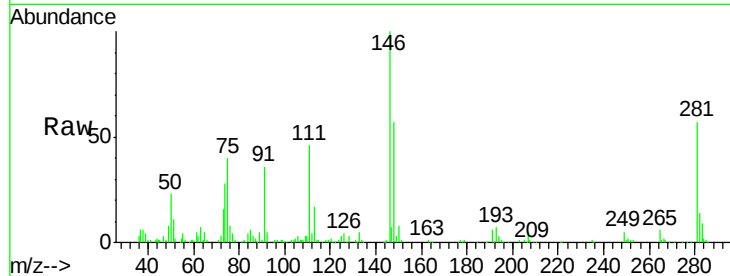
#75
1,3-Dichlorobenzene
Concen: 1.069 ppbv
RT: 17.03 min Scan# 4430
Delta R.T. -0.00 min
Lab File: VL035098.D
Acq: 19 Jun 2020 17:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC001

Tot Ion	Ratio	Lower	Upper
146	100		
111	48.9	24.1	72.4
148	64.3	32.3	96.8

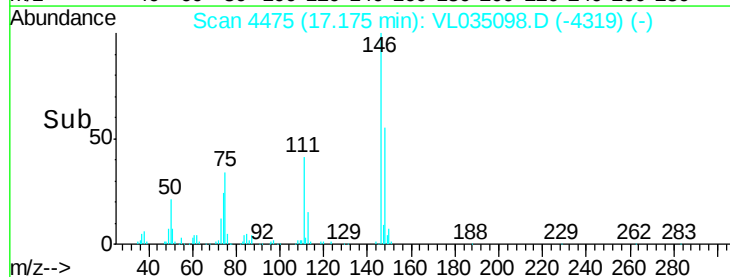
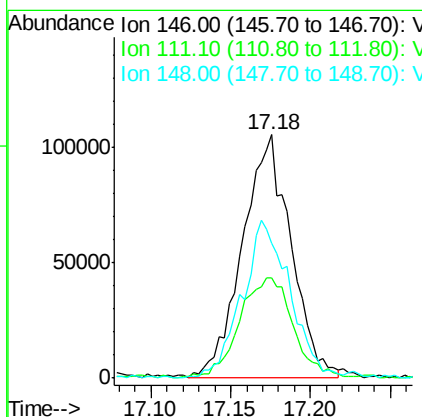
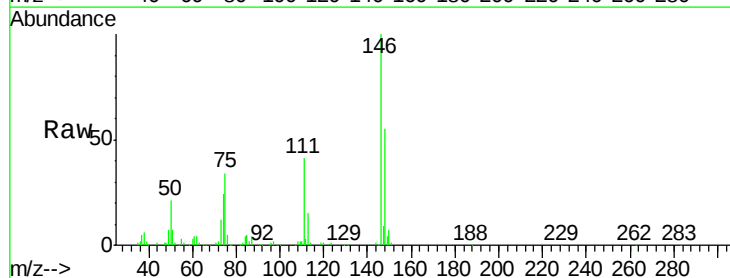
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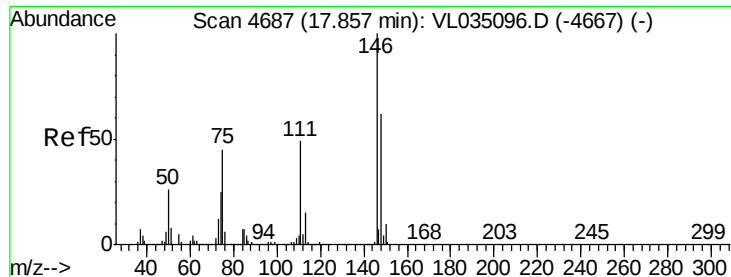
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#76
1,4-Dichlorobenzene
Concen: 1.035 ppbv
RT: 17.18 min Scan# 4475
Delta R.T. 0.00 min
Lab File: VL035098.D
Acq: 19 Jun 2020 17:13

Tgt Ion	Ratio	Lower	Upper
146	100		
111	46.3	23.5	70.5
148	65.9	32.0	96.2





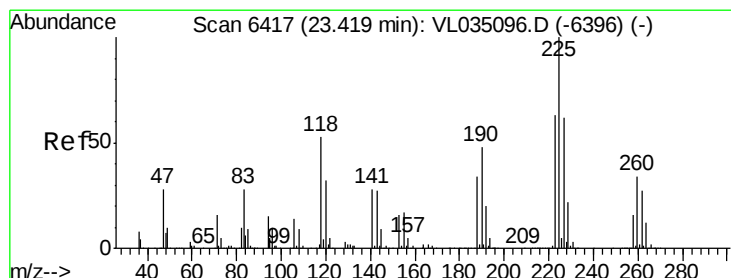
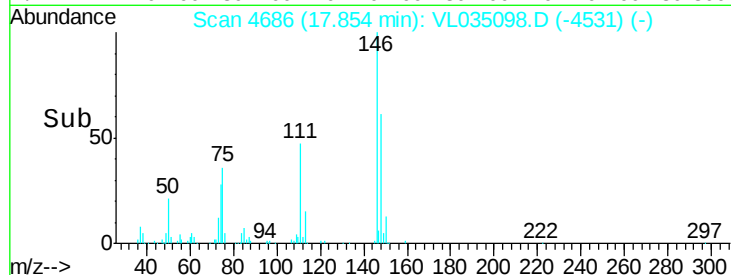
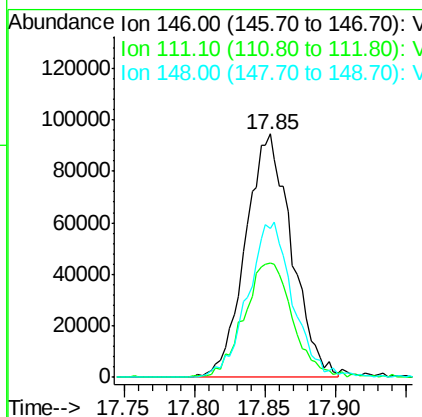
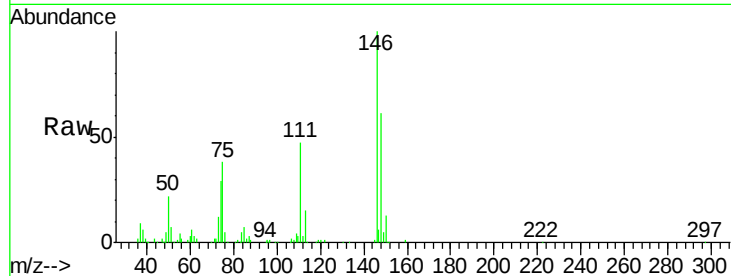
#77
 1,2-Dichlorobenzene
 Concen: 1.040 ppbv
 RT: 17.85 min Scan# 4686
 Delta R.T. -0.00 min
 Lab File: VL035098.D
 Acq: 19 Jun 2020 17:13

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC001

Tot Ion	Ratio	Lower	Upper
146	100		
111	49.4	25.0	75.0
148	62.9	32.3	96.8

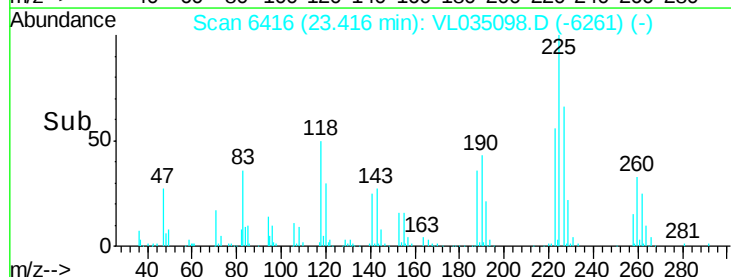
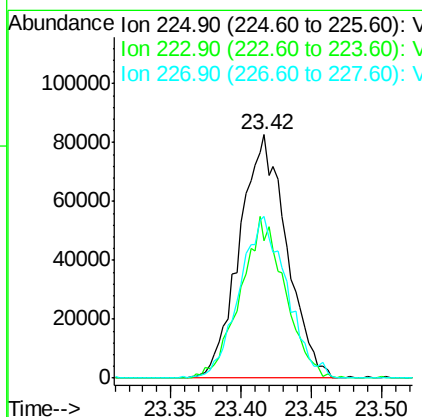
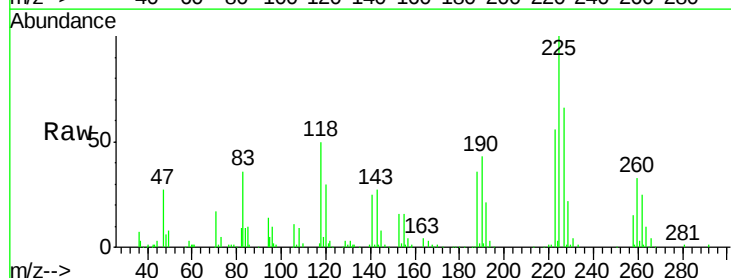
Manual Integrations
 APPROVED

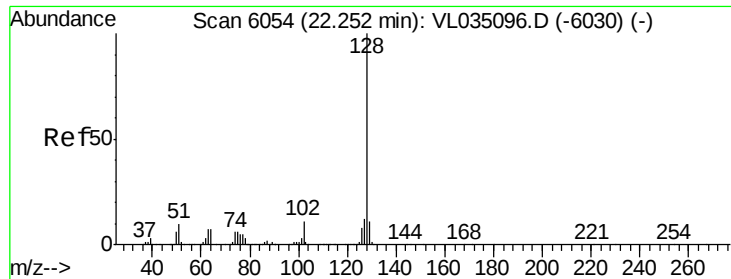
MMDadoda
 6/22/2020 2:08:59 PM



#78
 Hexachloro-1,3-Butadiene
 Concen: 1.082 ppbv
 RT: 23.42 min Scan# 6416
 Delta R.T. -0.00 min
 Lab File: VL035098.D
 Acq: 19 Jun 2020 17:13

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.5	51.4	77.0
227	66.8	51.8	77.8





#79

Naphthalene

Concen: 1.078 ppbv

RT: 22.26 min Scan# 6055

Delta R.T. 0.00 min

Lab File: VL035098.D

Acq: 19 Jun 2020 17:13

Instrument :

MSVOA_L

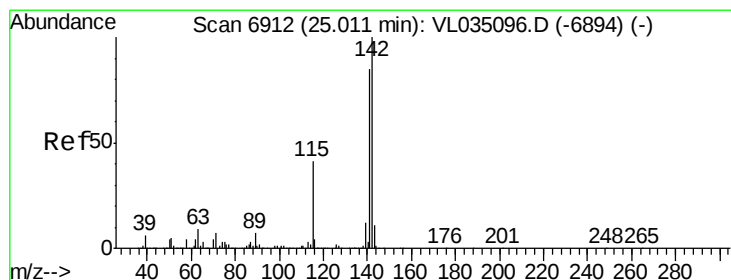
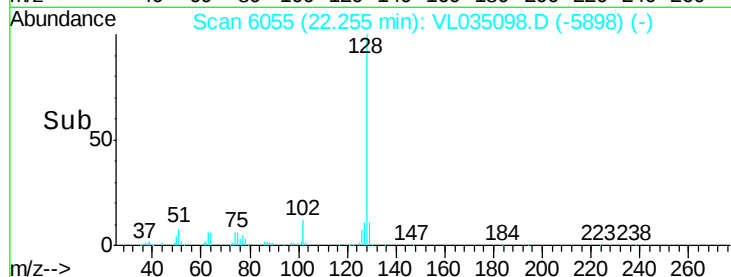
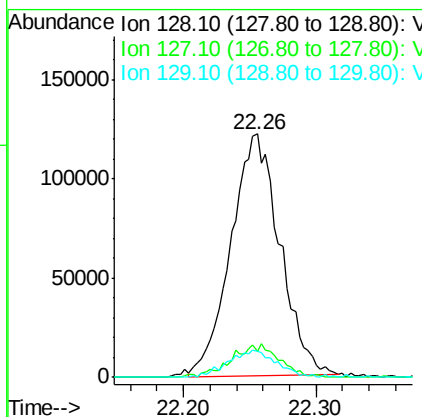
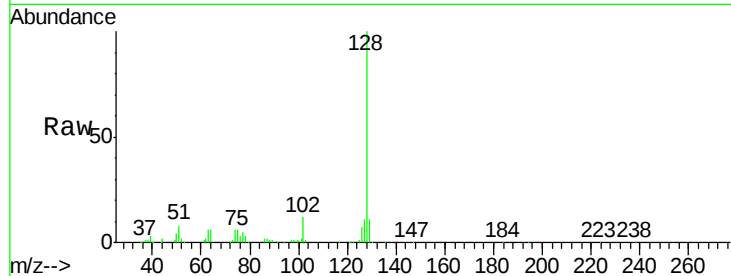
ClientSampleId :

VSTDICCC001

Tot Ion:	128	Resp:	312539
Ion Ratio	Lower	Upper	
128	100		
127	11.0	9.9	14.9
129	11.1	9.0	13.4

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#80

Naphthalene, 2-methyl-

Concen: 1.289 ppbv

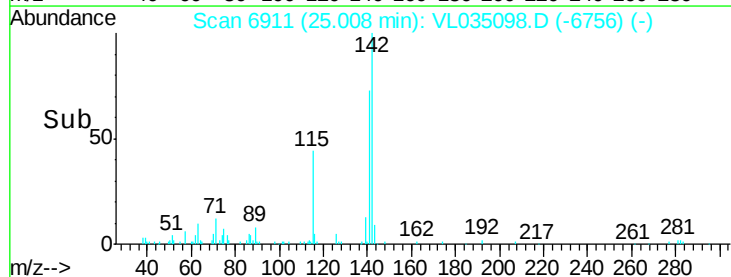
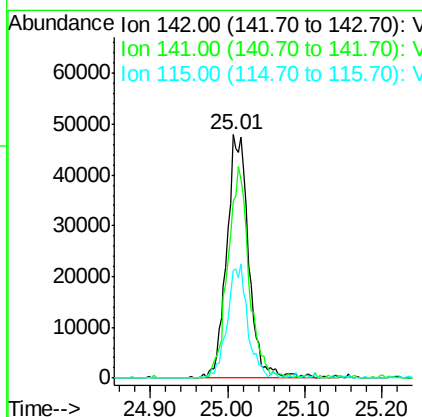
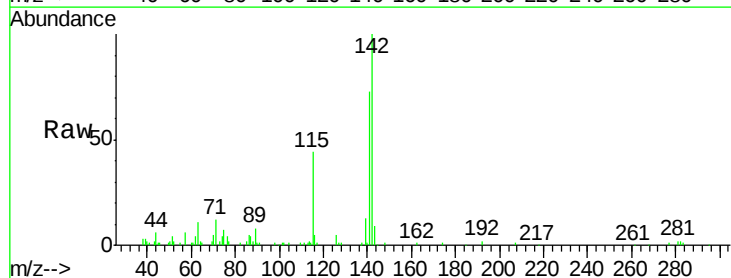
RT: 25.01 min Scan# 6911

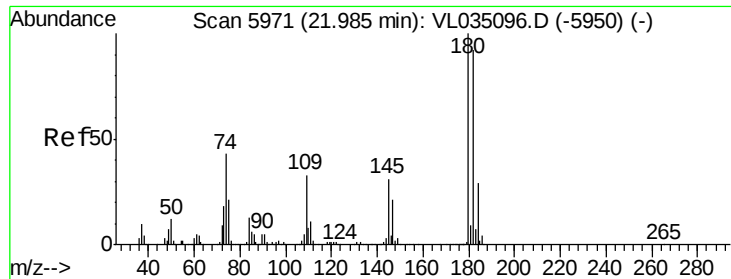
Delta R.T. -0.00 min

Lab File: VL035098.D

Acq: 19 Jun 2020 17:13

Tgt Ion:	142	Resp:	94083
Ion Ratio	Lower	Upper	
142	100		
141	83.3	67.5	101.3
115	43.9	33.8	50.8





#81
 1,2,4-Trichlorobenzene
 Concen: 1.060 ppbv m
 RT: 21.98 min Scan# 5968
 Delta R.T. -0.01 min
 Lab File: VL035098.D
 Acq: 19 Jun 2020 17:13

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC001

Tot Ion	Ratio	Resp	Lower	Upper
180	100	187302		
182	99.9	77.9	116.9	
184	31.2	24.6	37.0	

Manual Integrations
 APPROVED

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