

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL032519\
 Data File : VL033447.D
 Acq On : 25 Mar 2019 22:06
 Operator : SY/AP
 Sample : K1560-13 0.1
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT1-2019

Manual Integrations
 APPROVED

MMDadoda
 4/1/2019 1:56:41 AM

Quant Time: Mar 31 10:40:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032519AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Mar 2
 QLast Update : Tue Mar 26 05:43:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.76	49	708629	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	1635070	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.24	117	1624450	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.57	95	1270491	9.98	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.80%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.08	85	15182	0.147	ppbv	99
3) Chlorodifluoromethane	3.01	51	10040	0.123	ppbv	97
4) Chloromethane	3.17	50	5287	0.122	ppbv	98
5) Vinyl Chloride	3.29	62	4743	0.112	ppbv #	74
6) Bromomethane	3.52	94	3602m	0.132	ppbv	
7) Chloroethane	3.60	64	2183m	0.138	ppbv	
8) Dichlorotetrafluoroethane	3.22	85	13254	0.120	ppbv	97
9) Propene	3.03	41	4440	0.130	ppbv	91
10) Heptane	8.25	43	6107m	0.071	ppbv	
11) Trichlorofluoromethane	4.00	101	15233	0.120	ppbv	96
12) 1,1,2-Trichlorotrifluoroet	4.54	101	9556m	0.112	ppbv	
14) Bromoethene	3.78	108	4031m	0.118	ppbv	
15) Acetone	3.92	43	12216m	0.143	ppbv	
16) 1,3-Butadiene	3.36	39	3813	0.113	ppbv	97
18) 1,1-Dichloroethene	4.35	96	3950m	0.107	ppbv	
19) Isopropyl Alcohol	4.05	45	6963m	0.129	ppbv	
21) Allyl Chloride	4.47	41	5470m	0.102	ppbv	
22) trans-1,2-Dichloroethene	4.96	96	4256m	0.111	ppbv	
23) Vinyl Acetate	5.17	43	11930m	0.098	ppbv	
24) 1,1-Dichloroethane	5.09	63	9936m	0.108	ppbv	
25) Ethyl Acetate	5.78	43	13738m	0.087	ppbv	
26) Hexane	5.78	57	6795m	0.097	ppbv	
27) Carbon Disulfide	4.62	76	7347m	0.088	ppbv	
28) Methyl tert-Butyl Ether	5.13	73	7811m	0.077	ppbv	
29) Chloroform	5.85	83	12940	0.107	ppbv	92
30) Cyclohexane	7.27	84	6084m	0.109	ppbv	
31) cis-1,2-Dichloroethene	5.64	61	5926m	0.085	ppbv	
32) 1,1,1-Trichloroethane	6.62	97	11261	0.098	ppbv	95
34) 2-Butanone	5.35	43	9253m	0.094	ppbv	
35) Carbon Tetrachloride	7.13	117	10529	0.091	ppbv #	75
36) Benzene	7.00	78	11032m	0.080	ppbv	
37) 1,2-Dichloroethane	6.40	62	10098	0.110	ppbv	98
38) Trichloroethene	7.96	130	5185m	0.100	ppbv	
39) 1,2-Dichloropropane	7.73	63	5734m	0.107	ppbv	
41) Tetrahydrofuran	6.19	42	3176m	0.059	ppbv	
42) Bromodichloromethane	7.91	83	10953	0.087	ppbv	98
43) Methyl Methacrylate	8.14	69	3148m	0.057	ppbv	
44) 2,2,4-Trimethylpentane	7.99	57	15360m	0.064	ppbv	
45) t-1,3-Dichloropropene	9.41	75	3361	0.049	ppbv #	44
46) cis-1,3-Dichloropropene	8.83	75	5592m	0.070	ppbv	
47) 1,1,2-Trichloroethane	9.61	97	6089m	0.100	ppbv	

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

48) Dibromochloromethane	10.45	129	7795m	0.076	ppbv	
49) Bromoform	13.19	173	6036m	0.061	ppbv	
50) 4-Methyl-2-Pentanone	8.90	43	9062m	0.063	ppbv	
51) 2-Hexanone	10.32	43	5862m	0.055	ppbv	
52) Tetrachloroethene	11.37	164	4686m	0.091	ppbv	
53) Toluene	9.94	91	9741m	0.061	ppbv	
54) 1,2-Dibromoethane	10.75	107	7816m	0.082	ppbv	
56) 1,1,1,2-Tetrachloroethane	12.29	131	7057m	0.095	ppbv	
57) Chlorobenzene	12.30	112	14481m	0.115	ppbv	
58) Ethyl Benzene	12.86	91	14312m	0.066	ppbv	
59) m/p-Xylene	13.12	91	22421m	0.116	ppbv	
60) o-Xylene	13.85	91	10707m	0.057	ppbv	
61) Styrene	13.68	104	6067m	0.047	ppbv	
62) Isopropylbenzene	14.82	105	17770m	0.067	ppbv	
63) 1,1,2,2-Tetrachloroethane	13.84	83	13698m	0.099	ppbv	
64) n-propylbenzene	15.72	120	3393m	0.050	ppbv	
65) tert-Butylbenzene	16.91	119	13281m	0.057	ppbv	
67) sec-Butylbenzene	17.45	105	17422m	0.052	ppbv	
69) p-Isopropyltoluene	17.82	119	13190m	0.049	ppbv	
70) n-Butylbenzene	18.72	91	15815m	0.055	ppbv	
71) 2-Chlorotoluene	15.62	91	13088m	0.065	ppbv	
72) 4-Ethyltoluene	16.01	105	11326m	0.054	ppbv	
73) 1,3,5-Trimethylbenzene	16.15	105	9692m	0.048	ppbv	
74) 1,2,4-Trimethylbenzene	16.93	105	10911m	0.051	ppbv	
75) 1,3-Dichlorobenzene	17.16	146	13066m	0.098	ppbv	
76) 1,4-Dichlorobenzene	17.31	146	9789	0.075	ppbv	94
77) 1,2-Dichlorobenzene	18.00	146	10122m	0.080	ppbv	
78) Hexachloro-1,3-Butadiene	23.54	225	9591m	0.114	ppbv	
79) Naphthalene	22.42	128	7238m	0.039	ppbv	
81) 1,2,4-Trichlorobenzene	22.15	180	4949m	0.048	ppbv	

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

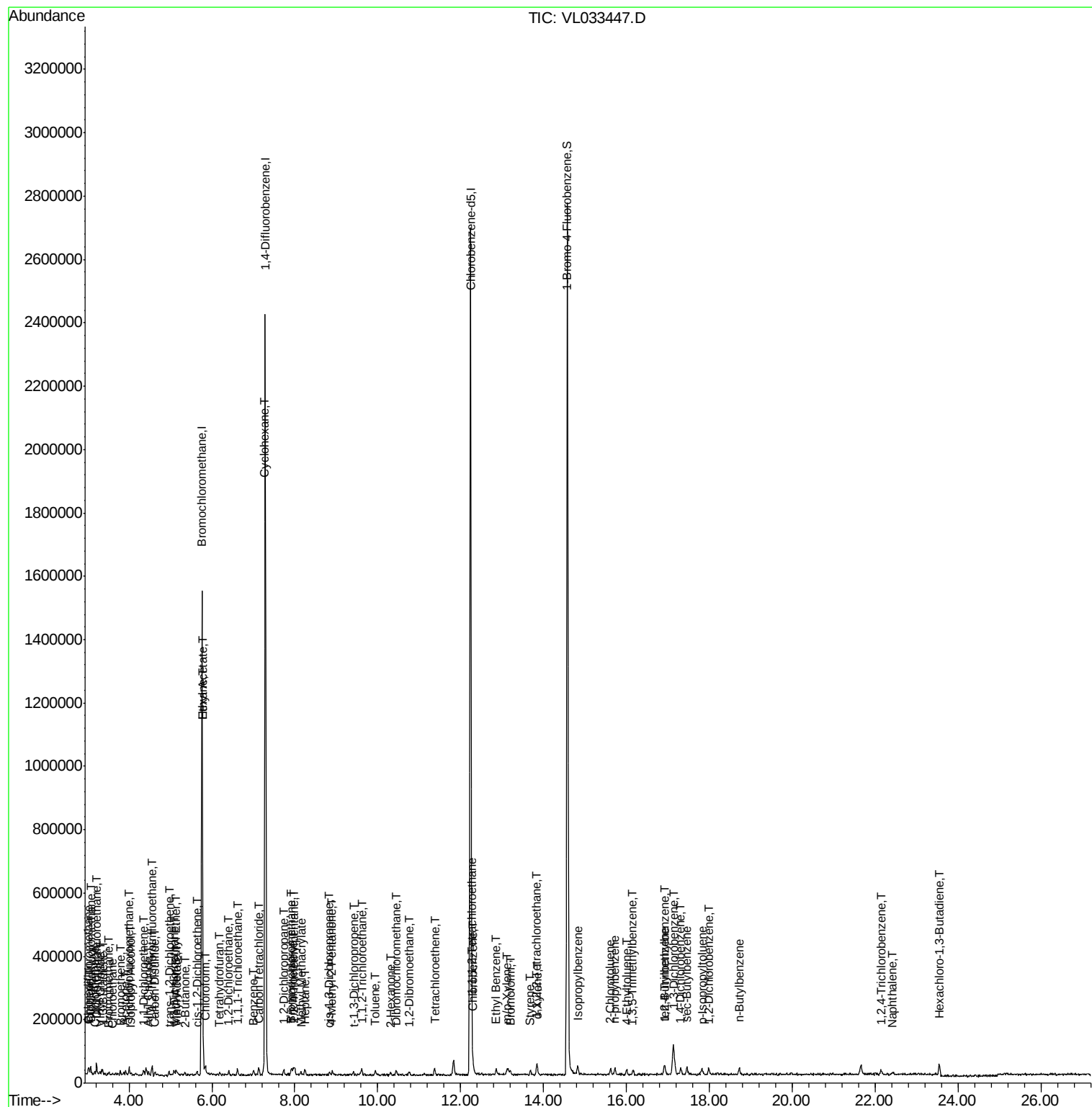
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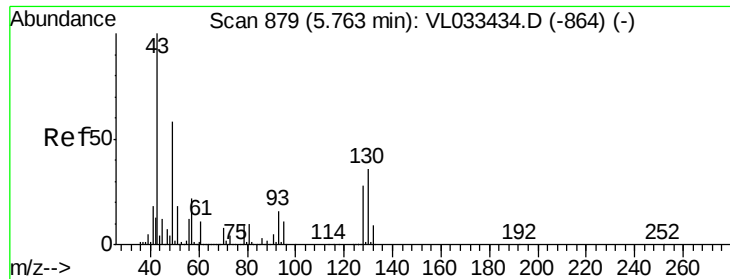
Instrument :
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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.76 min Scan# 877

Delta R.T. -0.01 min

Lab File: VL033447.D

Acq: 25 Mar 2019 22:06

Instrument :

MSVOA_L

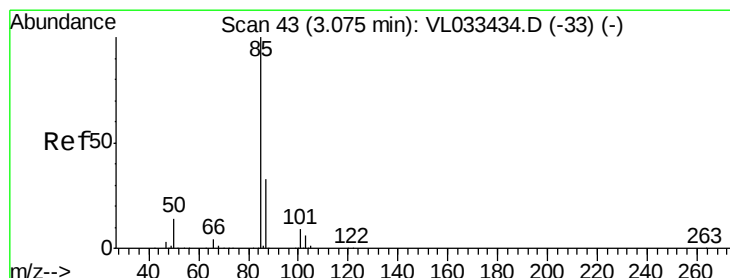
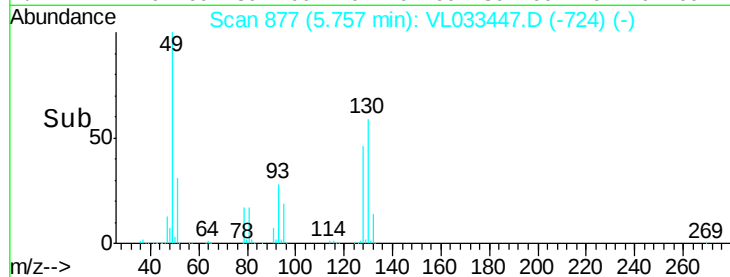
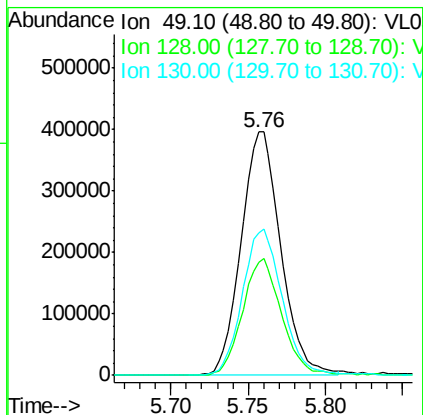
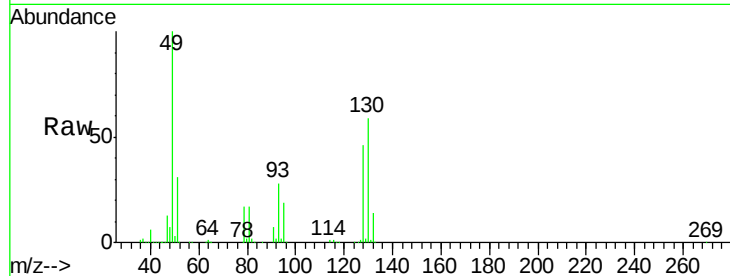
ClientSampleId :

LOD-MDL-AIR-01-QT1-2019

Tot Ion:	49	Resp:	708629
Ion	Ratio	Lower	Upper
49	100		
128	47.6	24.0	72.0
130	61.0	31.2	93.6

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#2

Dichlorodifluoromethane

Concen: 0.147 ppbv

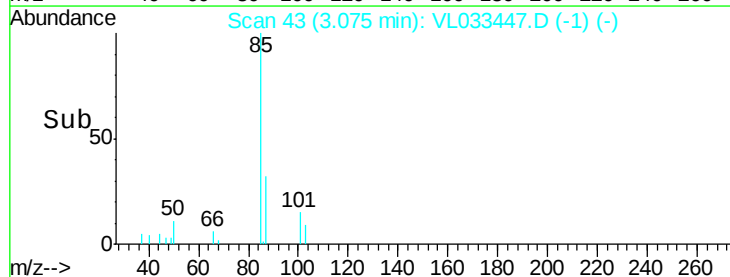
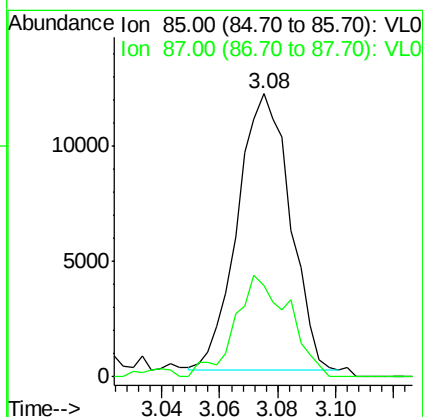
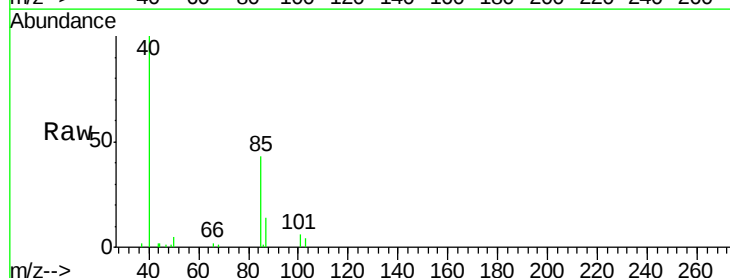
RT: 3.08 min Scan# 43

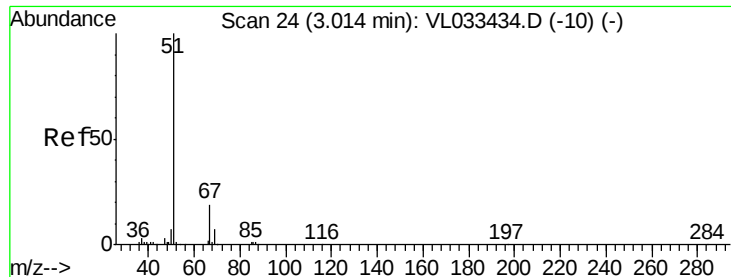
Delta R.T. -0.00 min

Lab File: VL033447.D

Acq: 25 Mar 2019 22:06

Tgt Ion:	85	Resp:	15182
Ion	Ratio	Lower	Upper
85	100		
87	33.0	26.7	40.1





#3

Chlorodifluoromethane

Concen: 0.123 ppbv

RT: 3.01 min Scan# 23

Delta R.T. -0.00 min

Lab File: VL033447.D

Acq: 25 Mar 2019 22:06

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT1-2019

Tot Ion: 51 Resp: 10040

Ion Ratio Lower Upper

51 100

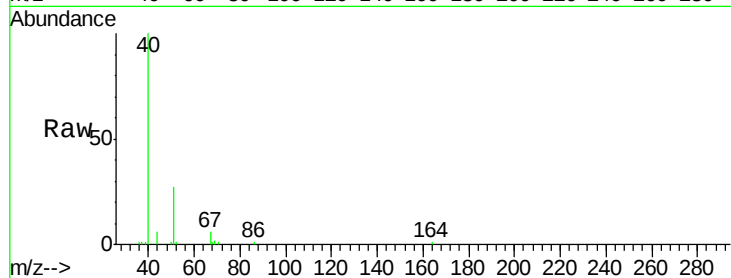
67 21.0 15.7 23.5

Manual Integrations

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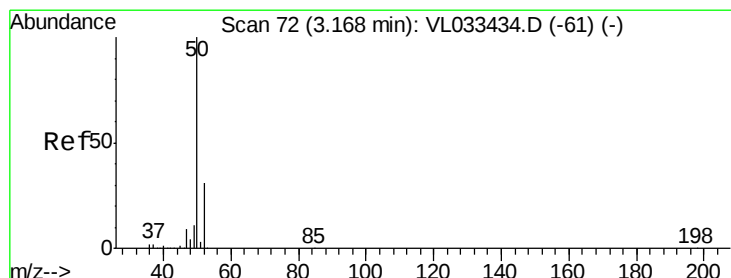
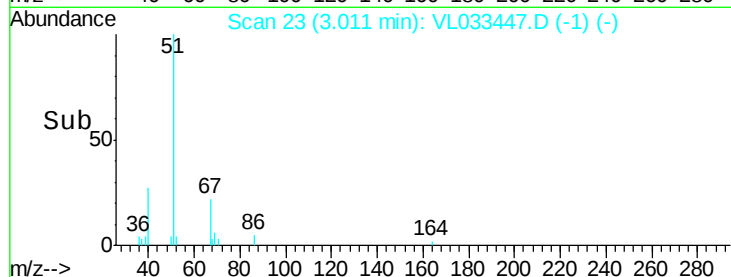
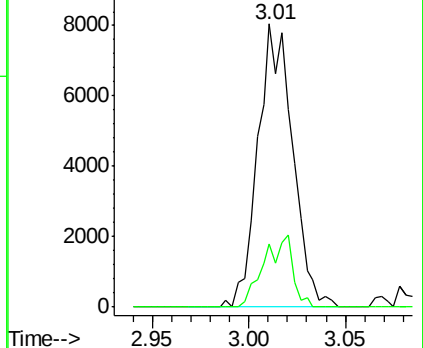
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Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0



#4

Chloromethane

Concen: 0.122 ppbv

RT: 3.17 min Scan# 72

Delta R.T. -0.00 min

Lab File: VL033447.D

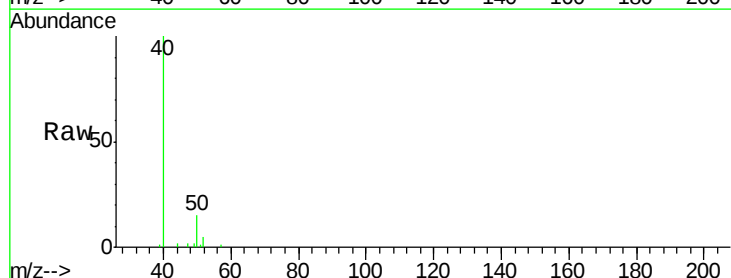
Acq: 25 Mar 2019 22:06

Tgt Ion: 50 Resp: 5287

Ion Ratio Lower Upper

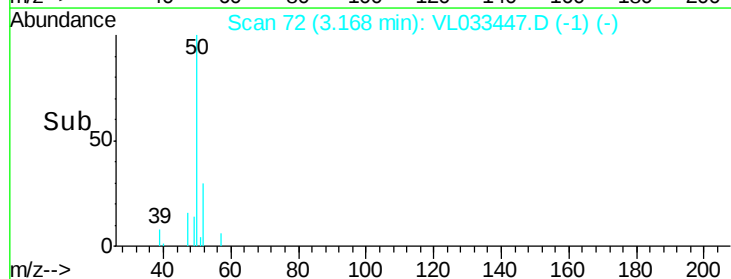
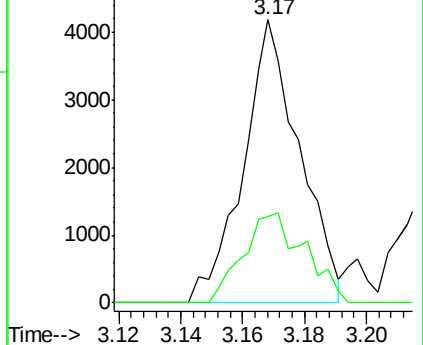
50 100

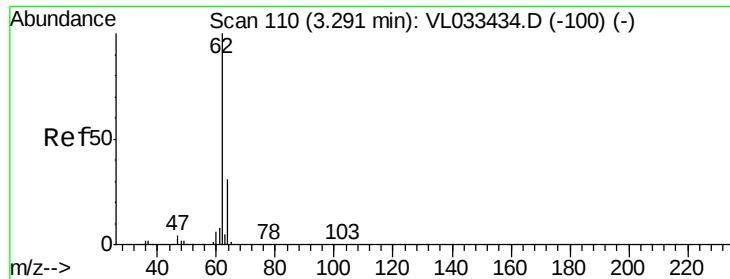
52 30.3 25.0 37.6



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0





#5

Vinyl Chloride

Concen: 0.112 ppbv

RT: 3.29 min Scan# 111

Delta R.T. 0.00 min

Lab File: VL033447.D

Acq: 25 Mar 2019 22:06

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT1-2019

Tot Ion: 62 Resp: 4743

Ion Ratio Lower Upper

62 100

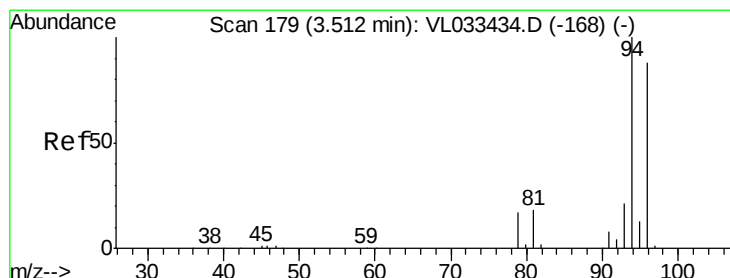
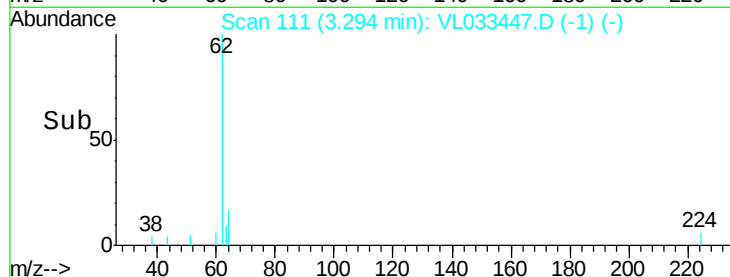
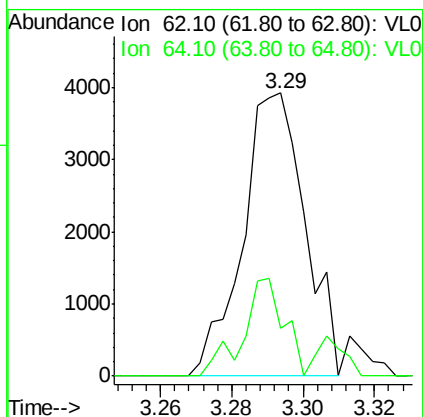
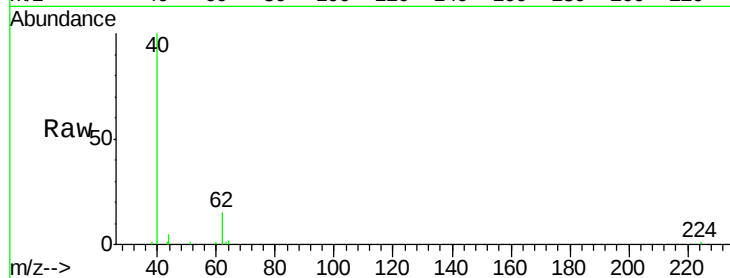
64 17.0 24.9 37.3#

Manual Integrations

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#6

Bromomethane

Concen: 0.132 ppbv m

RT: 3.52 min Scan# 180

Delta R.T. 0.00 min

Lab File: VL033447.D

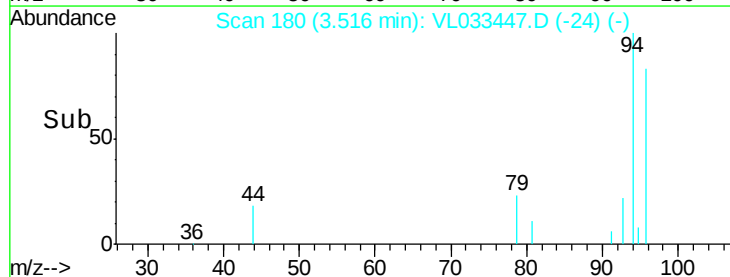
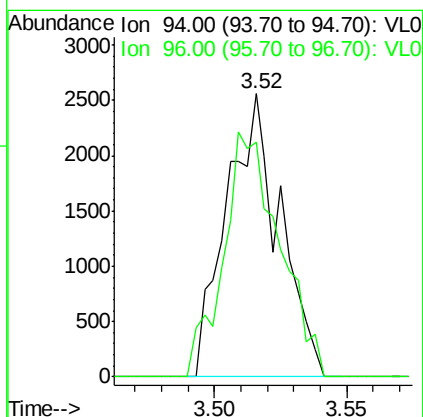
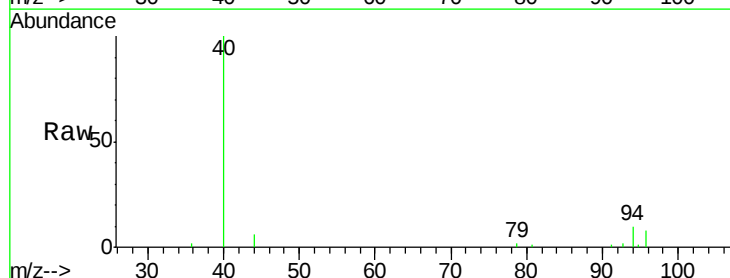
Acq: 25 Mar 2019 22:06

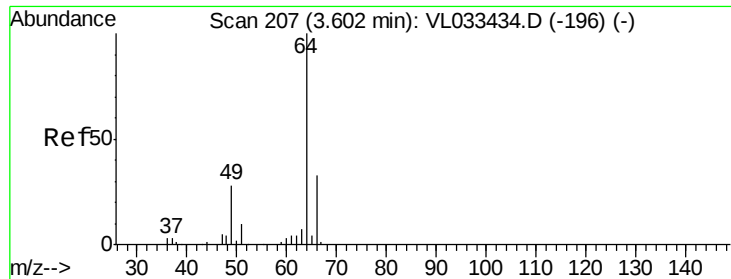
Tgt Ion: 94 Resp: 3602

Ion Ratio Lower Upper

94 100

96 82.9 70.2 105.2





#7

Chloroethane

Concen: 0.138 ppbv m

RT: 3.60 min Scan# 207

Delta R.T. -0.00 min

Lab File: VL033447.D

Acq: 25 Mar 2019 22:06

Instrument :

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ClientSampleId :

LOD-MDL-AIR-01-QT1-2019

Tot Ion: 64 Resp: 2183

Ion Ratio Lower Upper

64 100

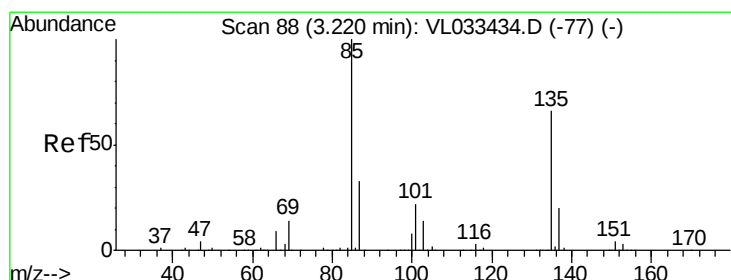
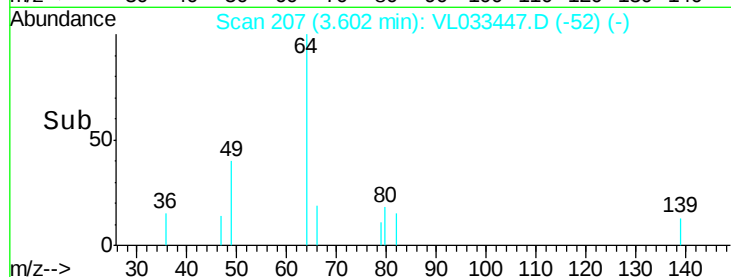
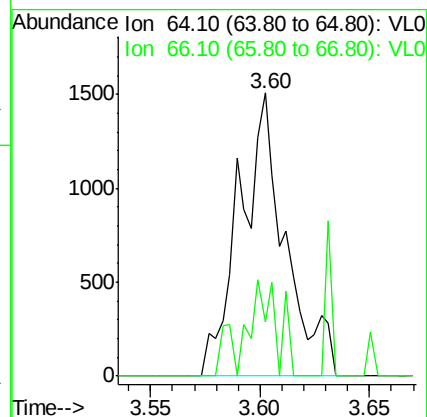
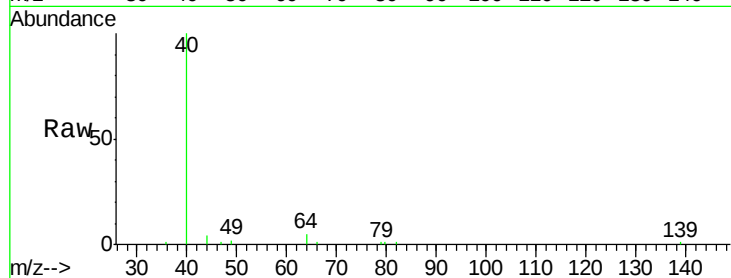
66 19.2 26.7 40.1#

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#8

Dichlorotetrafluoroethane

Concen: 0.120 ppbv

RT: 3.22 min Scan# 87

Delta R.T. -0.00 min

Lab File: VL033447.D

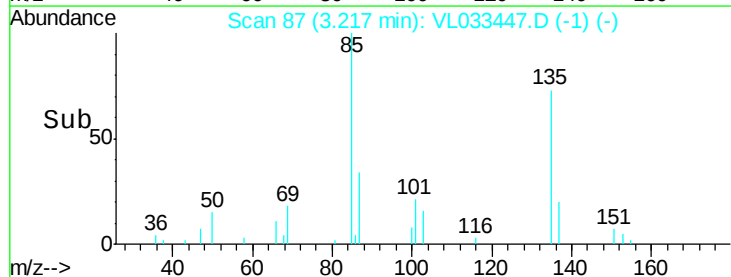
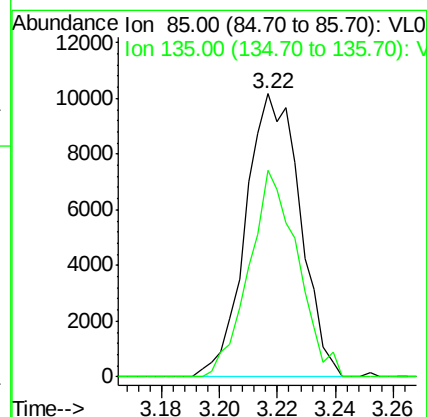
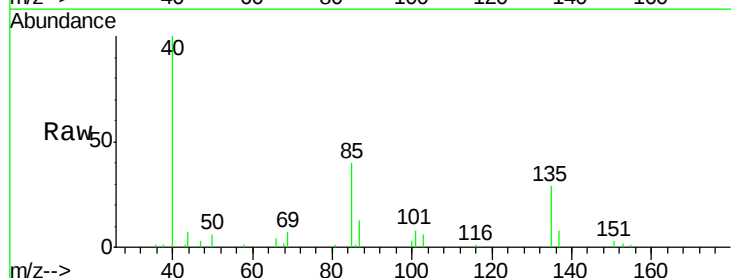
Acq: 25 Mar 2019 22:06

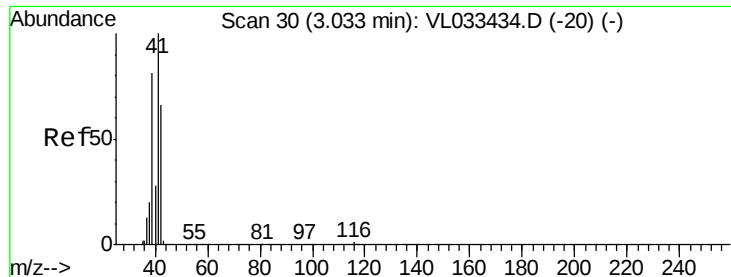
Tgt Ion: 85 Resp: 13254

Ion Ratio Lower Upper

85 100

135 65.1 54.0 81.0





#9

Propene

Concen: 0.130 ppbv

RT: 3.03 min Scan# 30

Delta R.T. -0.00 min

Lab File: VL033447.D

Acq: 25 Mar 2019 22:06

Instrument :

MSVOA_L

ClientSampleId :

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Tot Ion: 41 Resp: 4440

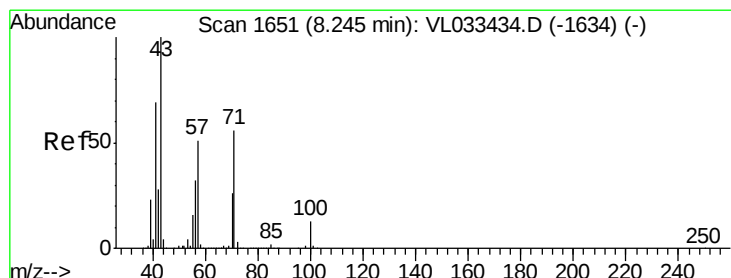
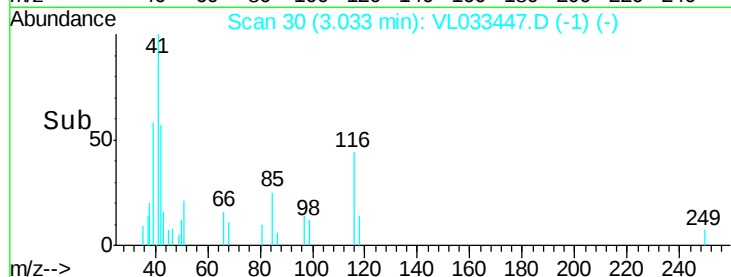
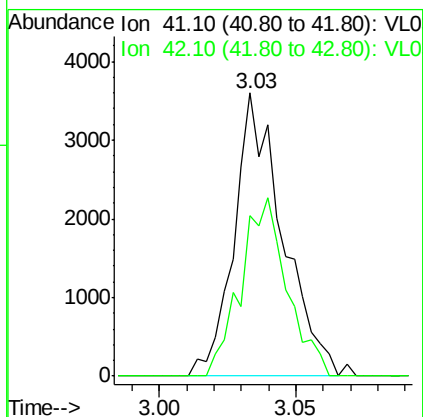
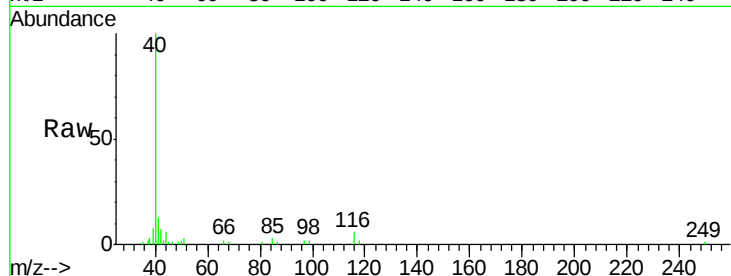
Ion Ratio Lower Upper

41 100

42 59.8 53.9 80.9

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#10

Heptane

Concen: 0.071 ppbv m

RT: 8.25 min Scan# 1651

Delta R.T. -0.00 min

Lab File: VL033447.D

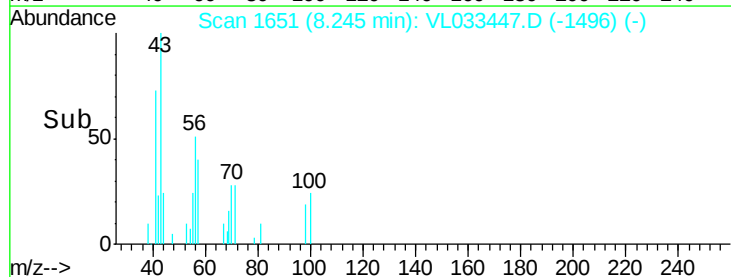
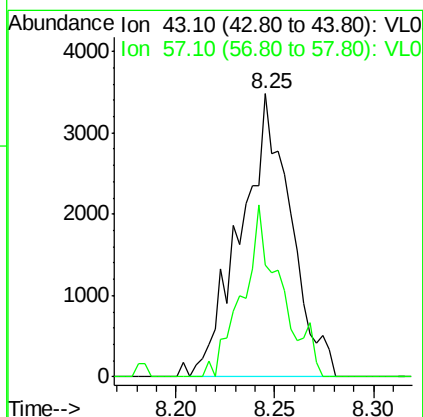
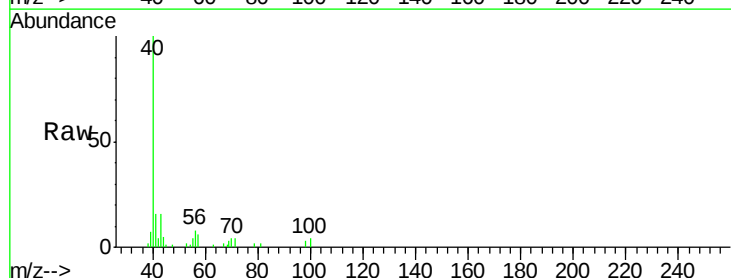
Acq: 25 Mar 2019 22:06

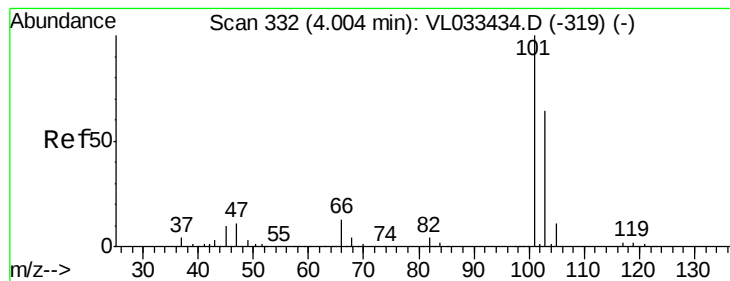
Tgt Ion: 43 Resp: 6107

Ion Ratio Lower Upper

43 100

57 46.5 40.6 60.8





#11

Trichlorofluoromethane

Concen: 0.120 ppbv

RT: 4.00 min Scan# 332

Delta R.T. -0.00 min

Lab File: VL033447.D

Acq: 25 Mar 2019 22:06

Instrument :

MSVOA_L

ClientSampleId :

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Tot Ion:101 Resp: 15233

Ion Ratio Lower Upper

101 100

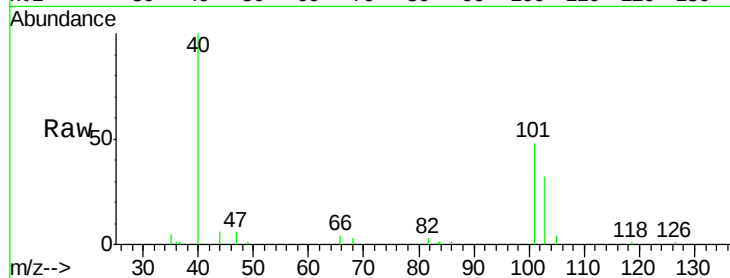
103 67.2 51.3 76.9

Manual Integrations

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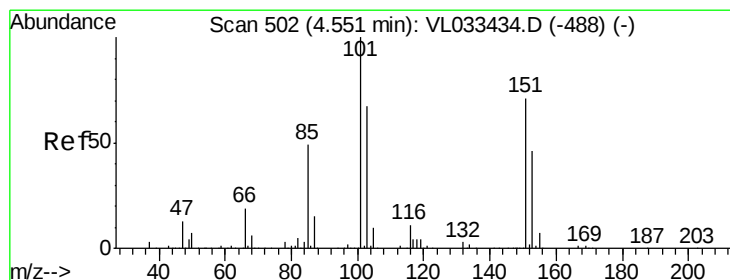
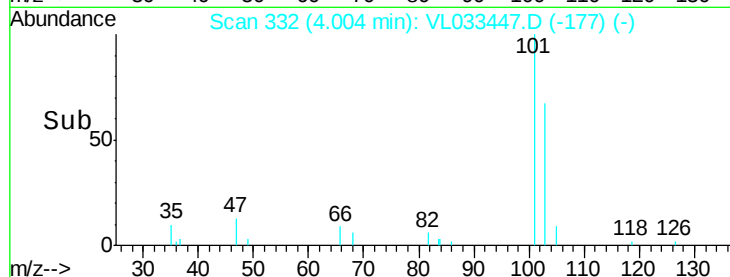
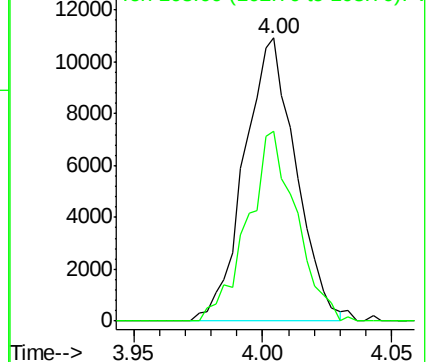
MMDadoda

4/1/2019 1:56:41 AM



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: 0.112 ppbv m

RT: 4.54 min Scan# 500

Delta R.T. -0.01 min

Lab File: VL033447.D

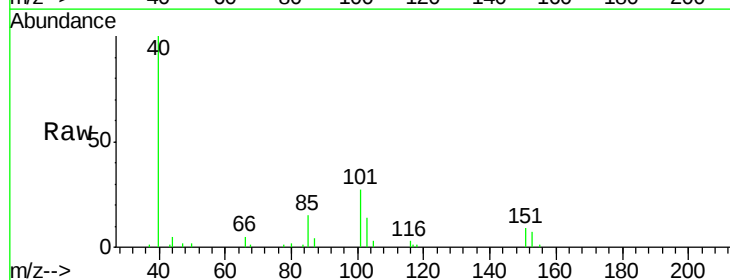
Acq: 25 Mar 2019 22:06

Tgt Ion:101 Resp: 9556

Ion Ratio Lower Upper

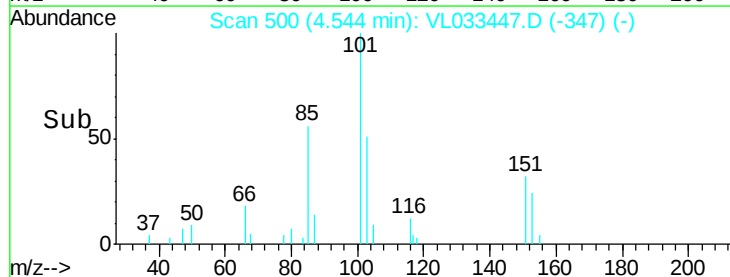
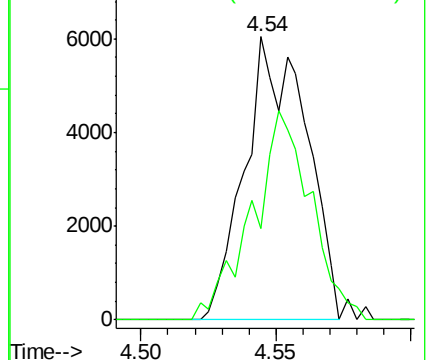
101 100

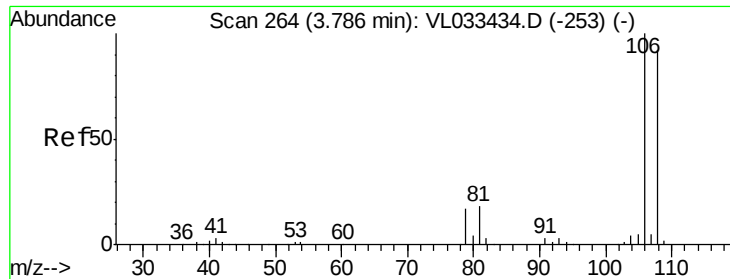
151 0.0 57.7 86.5#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 151.00 (150.70 to 151.70): V





#14

Bromoethene

Concen: 0.118 ppbv m

RT: 3.78 min Scan# 263

Delta R.T. -0.00 min

Lab File: VL033447.D

Acq: 25 Mar 2019 22:06

Instrument :

MSVOA_L

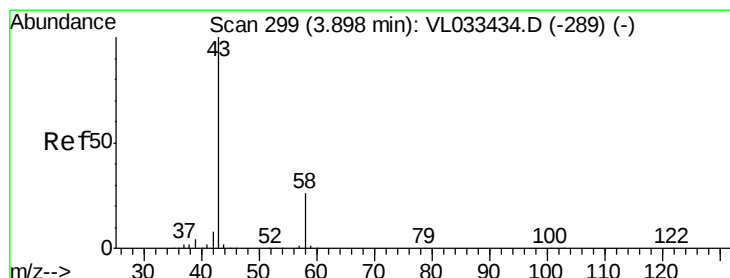
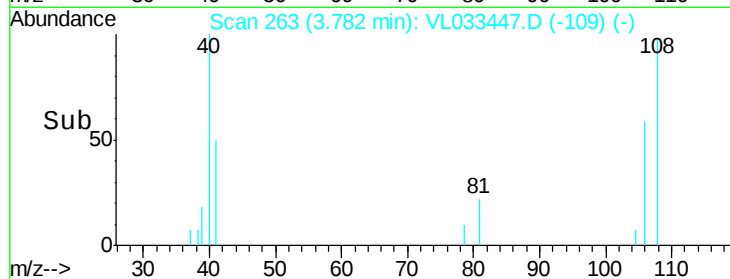
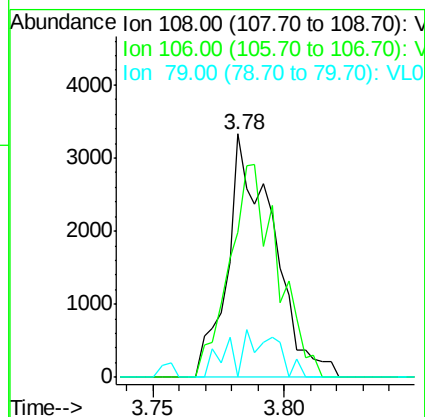
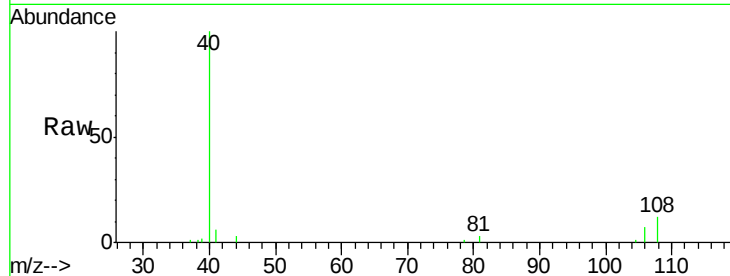
ClientSampleId :

LOD-MDL-AIR-01-QT1-2019

Tot Ion	Ratio	Lower	Upper
108	100		
106	0.0	86.4	129.6#
79	7.1	15.8	23.8#

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#15

Acetone

Concen: 0.143 ppbv m

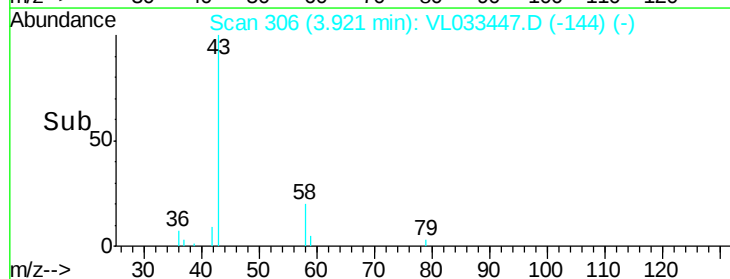
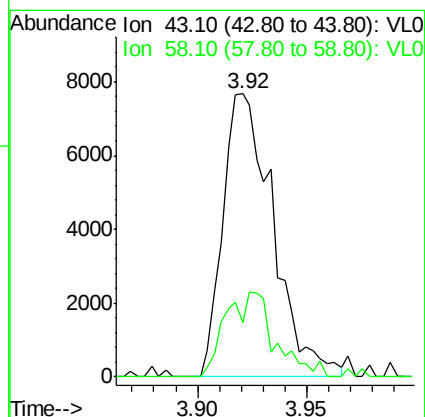
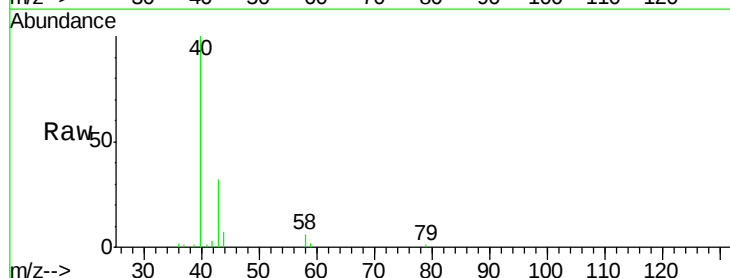
RT: 3.92 min Scan# 306

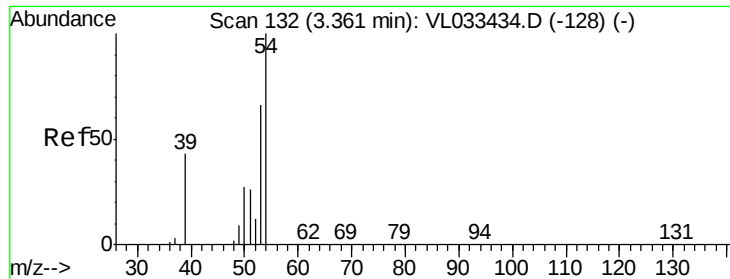
Delta R.T. 0.02 min

Lab File: VL033447.D

Acq: 25 Mar 2019 22:06

Tgt Ion	Ratio	Lower	Upper
43	100		
58	29.7	20.5	30.7





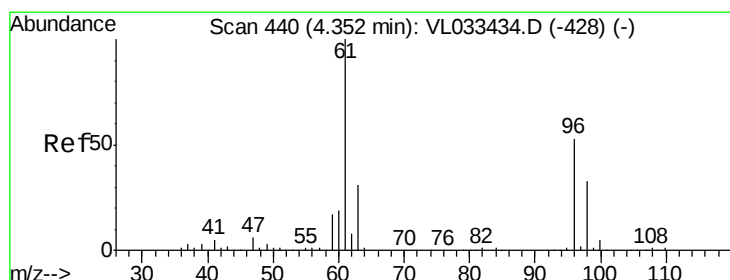
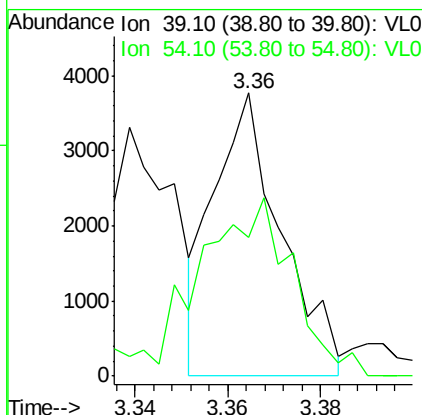
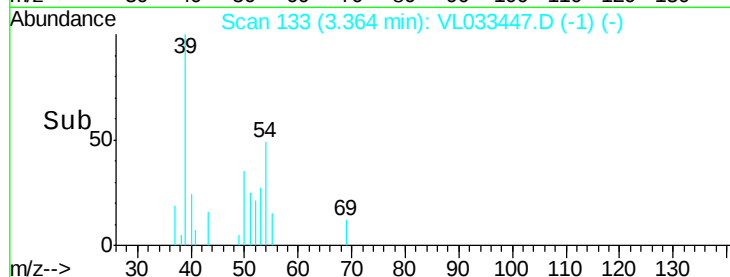
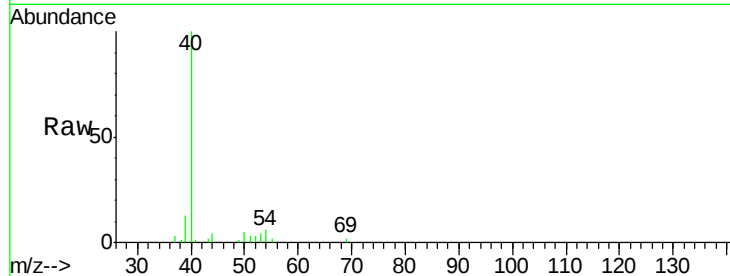
#16
1,3-Butadiene
Concen: 0.113 ppbv
RT: 3.36 min Scan# 133
Delta R.T. 0.00 min
Lab File: VL033447.D
Acq: 25 Mar 2019 22:06

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2019

Tot Ion: 39 Resp: 3813
Ion Ratio Lower Upper
39 100
54 89.6 69.4 104.2

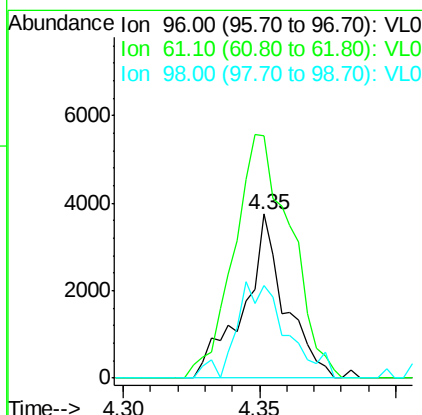
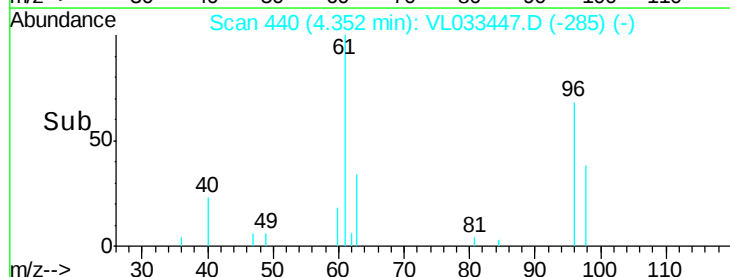
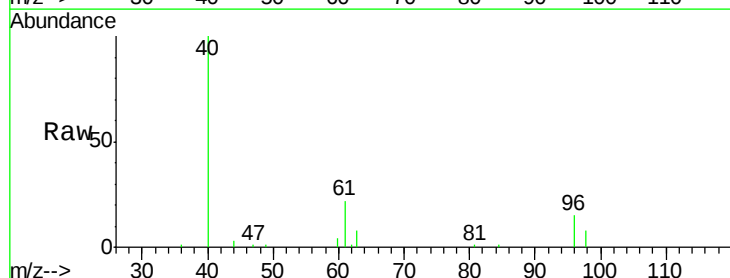
Manual Integrations
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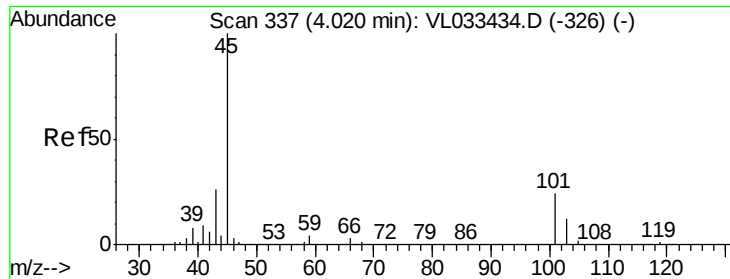
MMDadoda
4/1/2019 1:56:41 AM



#18
1,1-Dichloroethene
Concen: 0.107 ppbv m
RT: 4.35 min Scan# 440
Delta R.T. -0.00 min
Lab File: VL033447.D
Acq: 25 Mar 2019 22:06

Tgt Ion: 96 Resp: 3950
Ion Ratio Lower Upper
96 100
61 147.9 149.8 224.6#
98 56.1 48.7 73.1





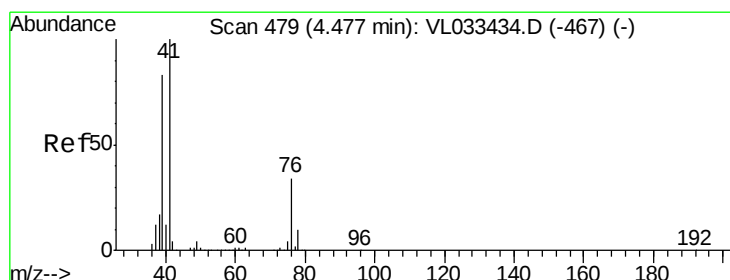
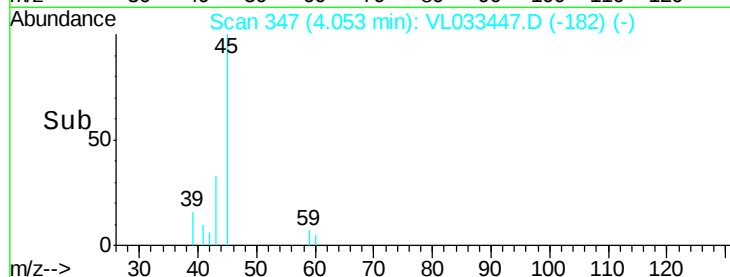
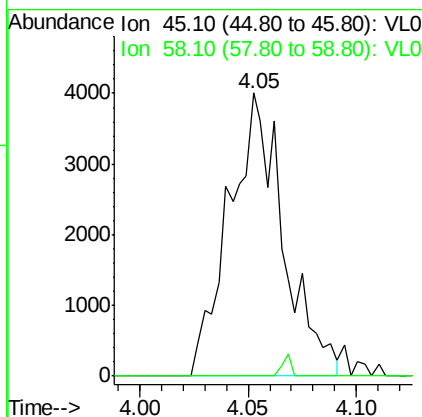
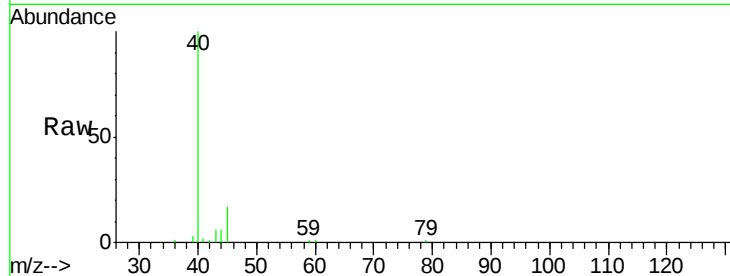
#19
Isopropyl Alcohol
Concen: 0.129 ppbv m
RT: 4.05 min Scan# 347
Delta R.T. 0.03 min
Lab File: VL033447.D
Acq: 25 Mar 2019 22:06

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2019

Tot Ion: 45 Resp: 6963
Ion Ratio Lower Upper
45 100
58 0.0 1.4 2.2#

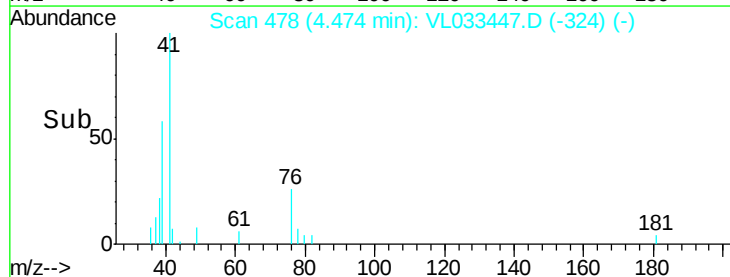
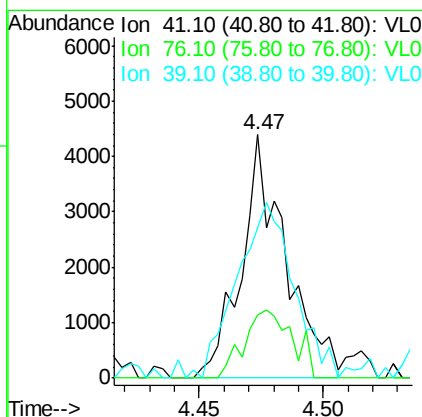
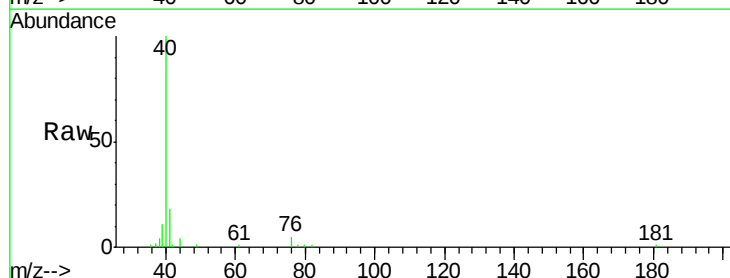
Manual Integrations
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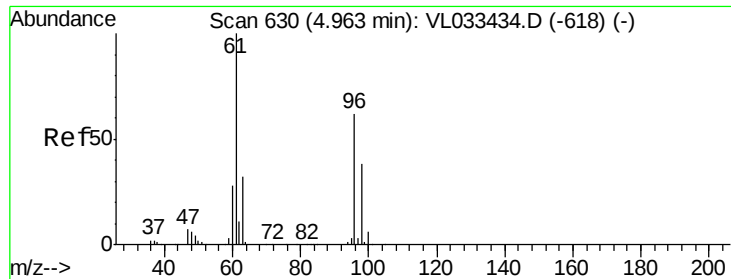
MMDadoda
4/1/2019 1:56:41 AM



#21
Allyl Chloride
Concen: 0.102 ppbv m
RT: 4.47 min Scan# 478
Delta R.T. -0.00 min
Lab File: VL033447.D
Acq: 25 Mar 2019 22:06

Tgt Ion: 41 Resp: 5470
Ion Ratio Lower Upper
41 100
76 0.0 25.4 38.2#
39 0.0 65.3 97.9#





#22

trans-1,2-Dichloroethene

Concen: 0.111 ppbv m

RT: 4.96 min Scan# 629

Delta R.T. -0.00 min

Lab File: VL033447.D

Acq: 25 Mar 2019 22:06

Instrument :

MSVOA_L

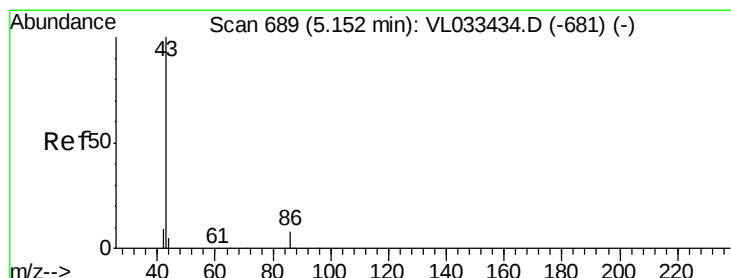
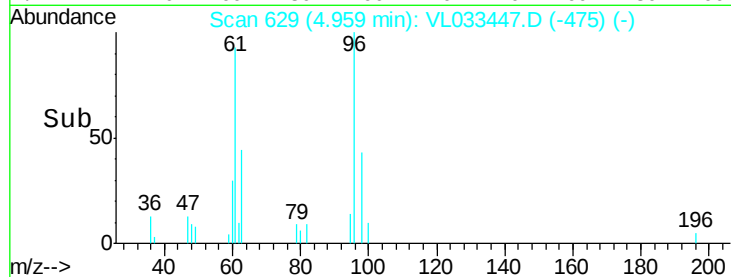
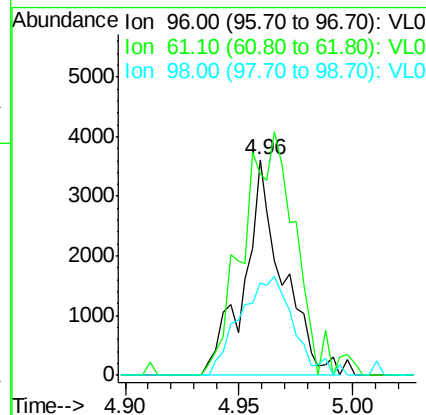
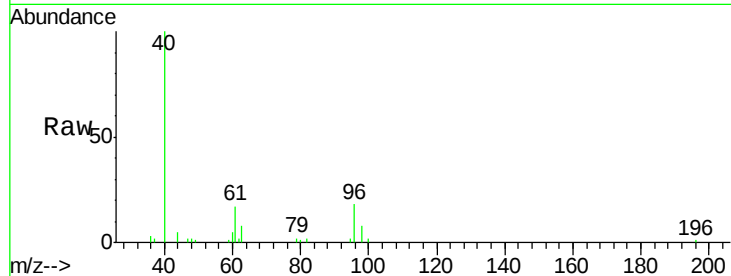
ClientSampleId :

LOD-MDL-AIR-01-QT1-2019

Tot Ion:	96	Resp:	4256
Ion	Ratio	Lower	Upper
96	100		
61	93.3	128.9	193.3#
98	43.0	49.5	74.3#

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#23

Vinyl Acetate

Concen: 0.098 ppbv m

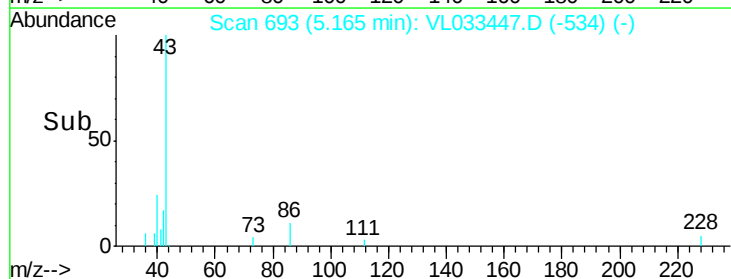
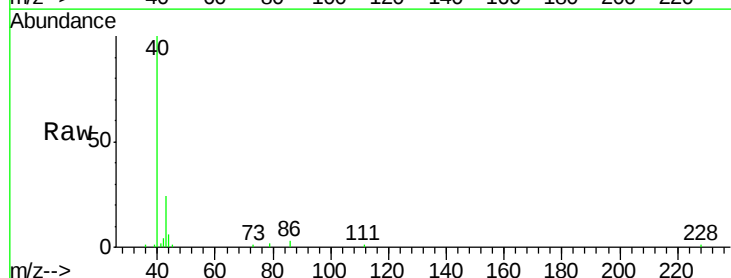
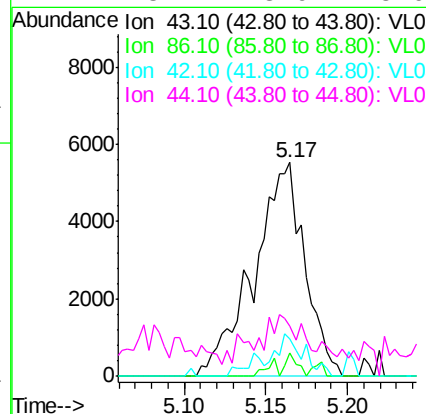
RT: 5.17 min Scan# 693

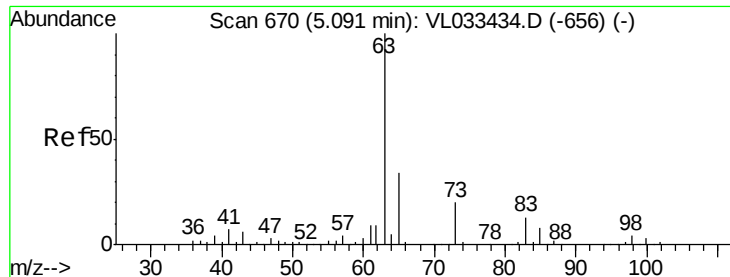
Delta R.T. 0.01 min

Lab File: VL033447.D

Acq: 25 Mar 2019 22:06

Tgt Ion:	43	Resp:	11930
Ion	Ratio	Lower	Upper
43	100		
86	10.8	5.6	8.4#
42	17.3	8.0	12.0#
44	23.4	3.9	5.9#





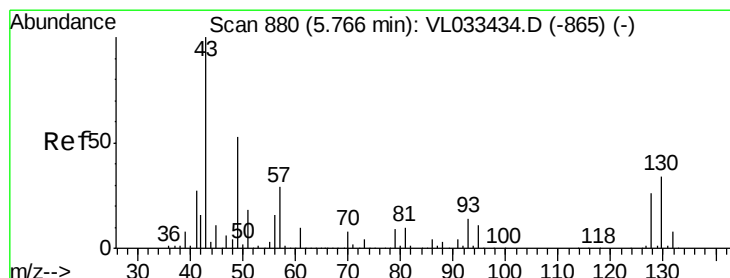
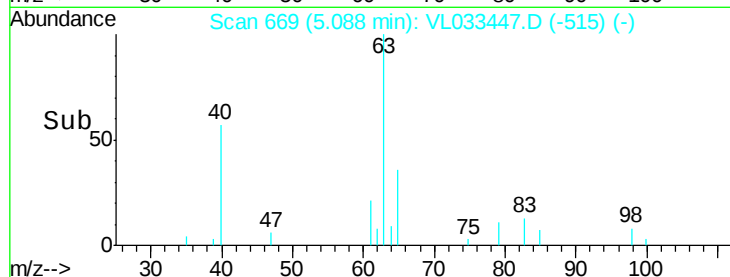
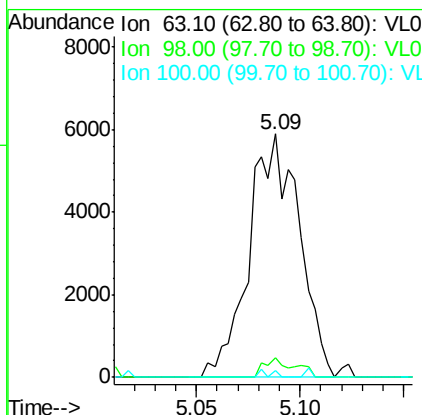
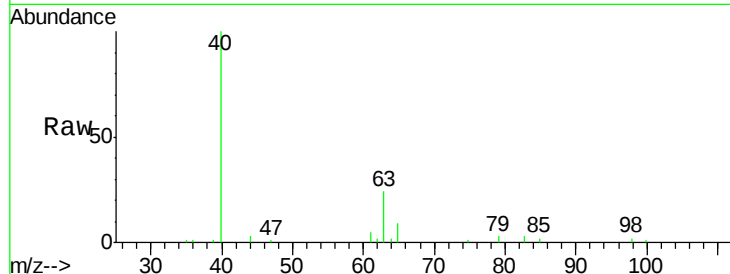
#24
 1,1-Dichloroethane
 Concen: 0.108 ppbv m
 RT: 5.09 min Scan# 669
 Delta R.T. -0.00 min
 Lab File: VL033447.D
 Acq: 25 Mar 2019 22:06

Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT1-2019

Tot Ion	Ratio	Lower	Upper
63	100		
98	8.0	2.2	6.6#
100	3.0	1.5	4.4

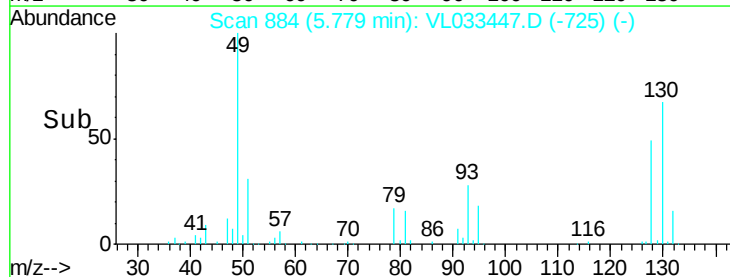
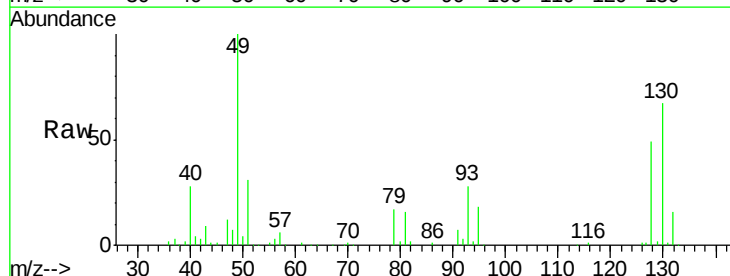
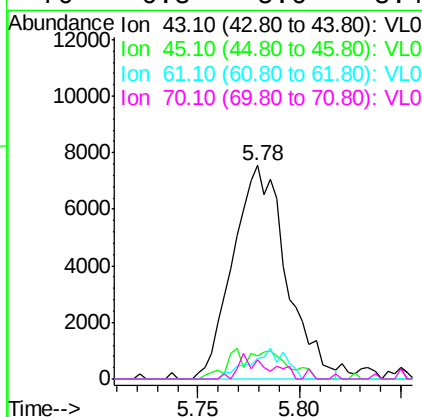
Manual Integrations
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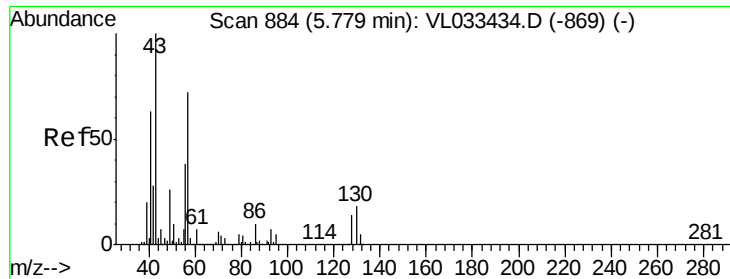
MMDadoda
 4/1/2019 1:56:41 AM



#25
 Ethyl Acetate
 Concen: 0.087 ppbv m
 RT: 5.78 min Scan# 884
 Delta R.T. 0.01 min
 Lab File: VL033447.D
 Acq: 25 Mar 2019 22:06

Tgt Ion	Ratio	Lower	Upper
43	100		
45	13.8	7.8	11.6#
61	0.0	7.3	10.9#
70	6.8	5.6	8.4





#26

Hexane

Concen: 0.097 ppbv m

RT: 5.78 min Scan# 884

Delta R.T. -0.00 min

Lab File: VL033447.D

Acq: 25 Mar 2019 22:06

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT1-2019

Tot Ion: 57 Resp: 6795

Ion Ratio Lower Upper

57 100

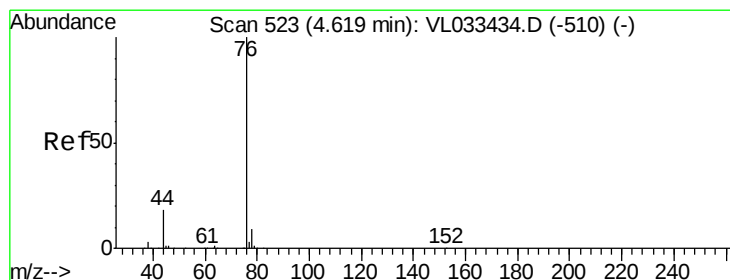
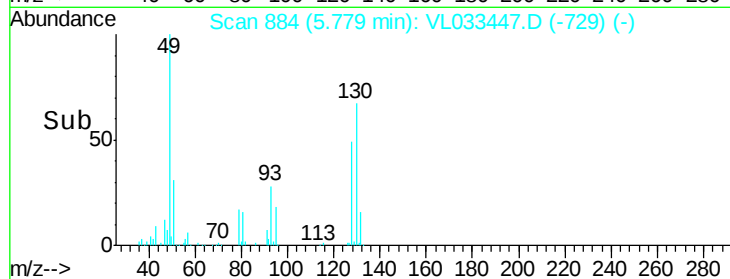
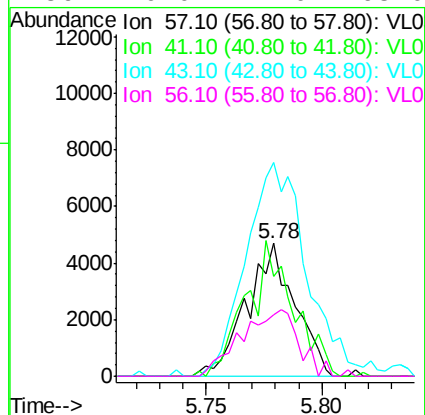
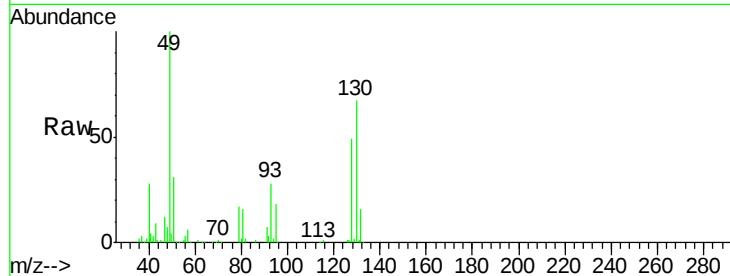
41 0.0 70.7 106.1#

43 0.0 182.6 274.0#

56 0.0 42.0 63.0#

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MMDadoda
4/1/2019 1:56:41 AM



#27

Carbon Disulfide

Concen: 0.088 ppbv m

RT: 4.62 min Scan# 523

Delta R.T. -0.00 min

Lab File: VL033447.D

Acq: 25 Mar 2019 22:06

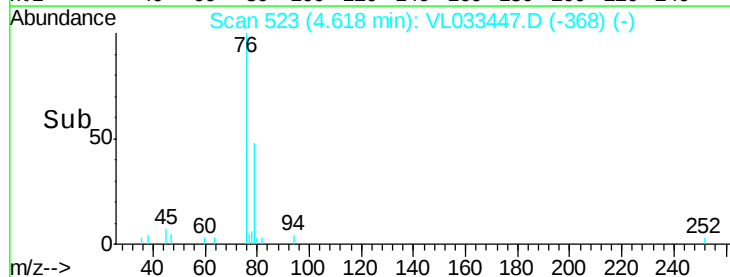
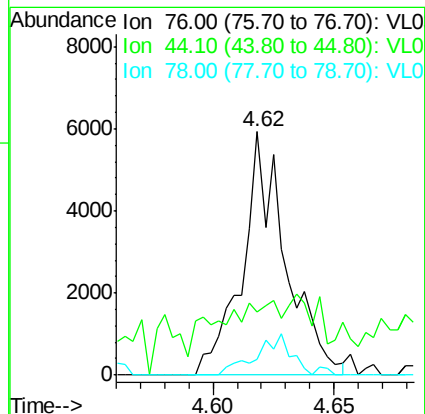
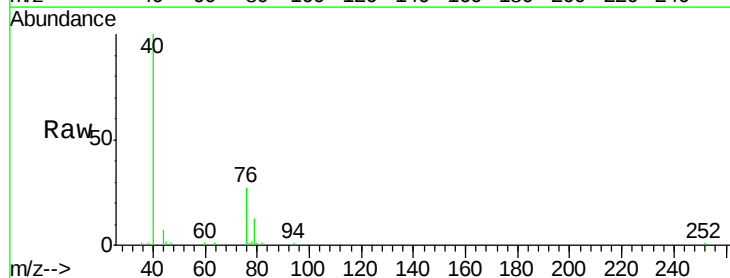
Tgt Ion: 76 Resp: 7347

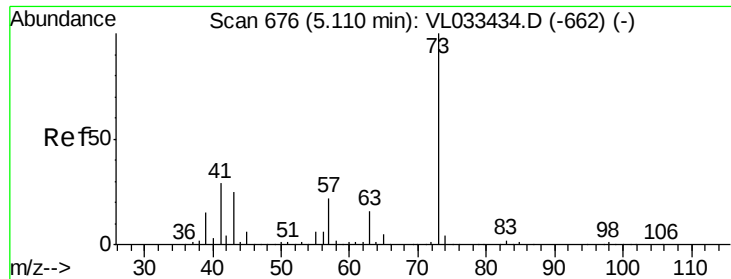
Ion Ratio Lower Upper

76 100

44 0.0 14.8 22.2#

78 0.0 7.6 11.4#





#28

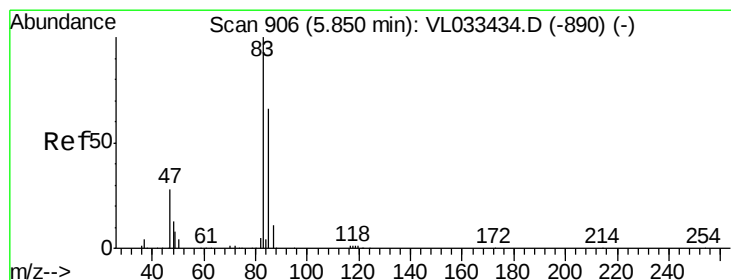
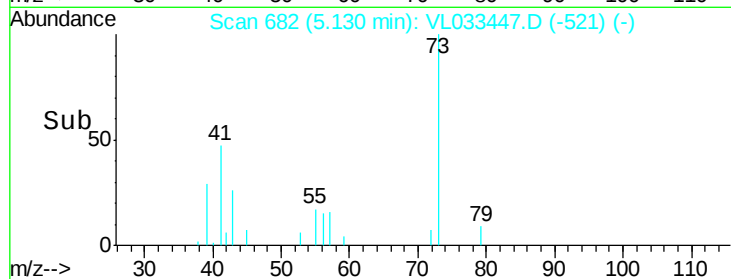
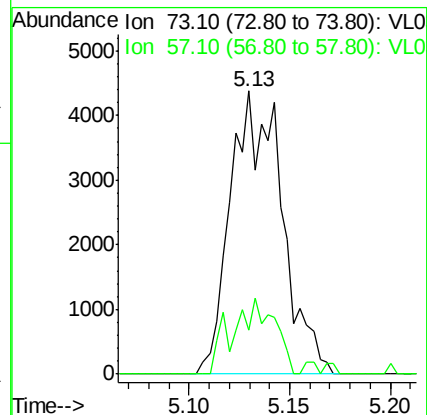
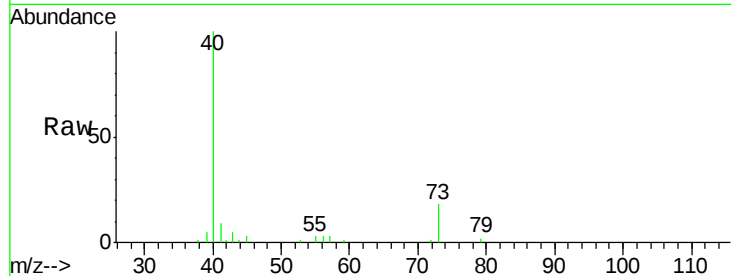
Methvl tert-Butvl Ether
 Concen: 0.077 ppbv m
 RT: 5.13 min Scan# 682
 Delta R.T. 0.02 min
 Lab File: VL033447.D
 Acq: 25 Mar 2019 22:06

Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT1-2019

Tot Ion: 73 Resp: 7811
 Ion Ratio Lower Upper
 73 100
 57 23.1 17.4 26.2

Manual Integrations
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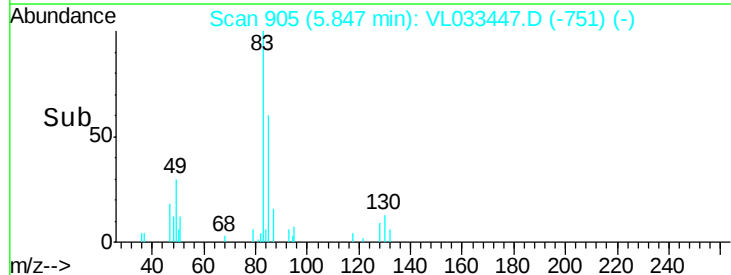
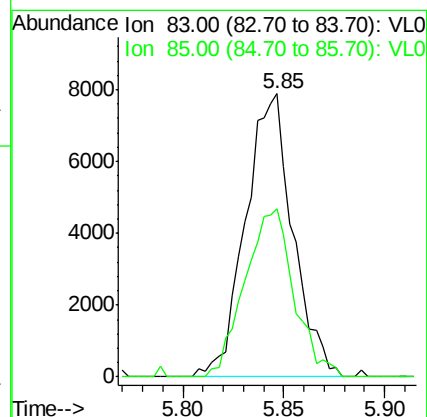
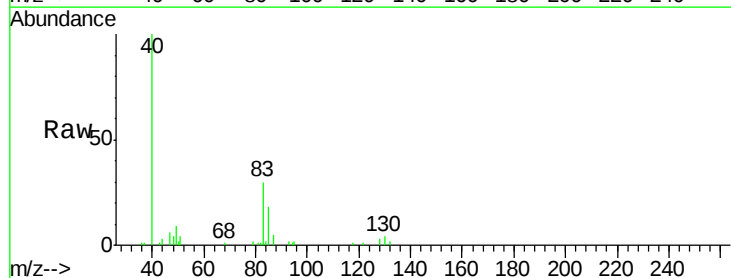
MMDadoda
 4/1/2019 1:56:41 AM

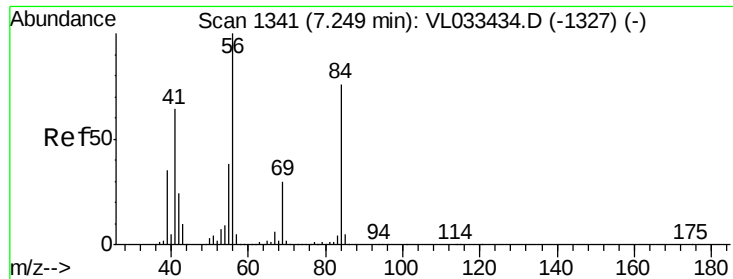


#29

Chloroform
 Concen: 0.107 ppbv
 RT: 5.85 min Scan# 905
 Delta R.T. -0.00 min
 Lab File: VL033447.D
 Acq: 25 Mar 2019 22:06

Tgt Ion: 83 Resp: 12940
 Ion Ratio Lower Upper
 83 100
 85 59.6 52.6 79.0





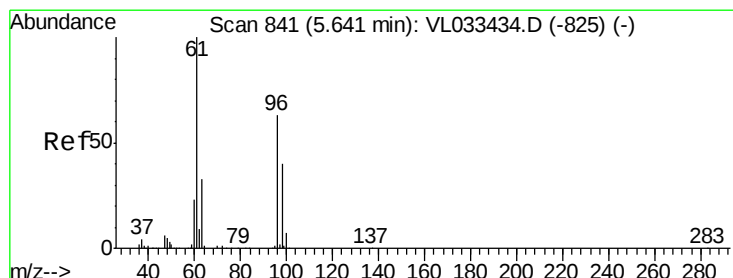
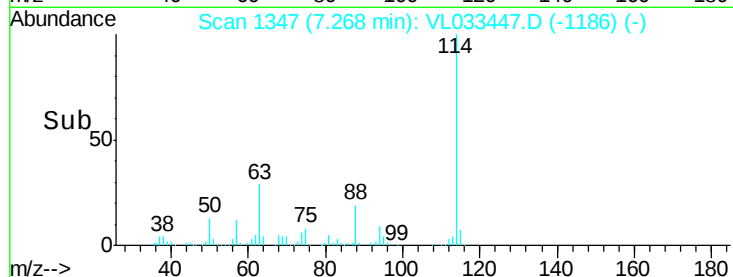
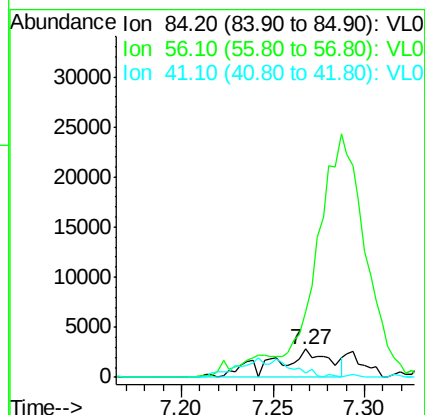
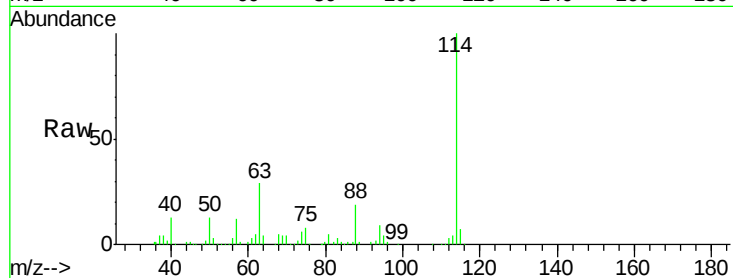
#30
Cyclohexane
Concen: 0.109 ppbv m
RT: 7.27 min Scan# 1347
Delta R.T. 0.02 min
Lab File: VL033447.D
Acq: 25 Mar 2019 22:06

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2019

Tot Ion	Ratio	Lower	Upper
84	100		
56	0.0	109.7	164.5#
41	62.4	68.2	102.2#

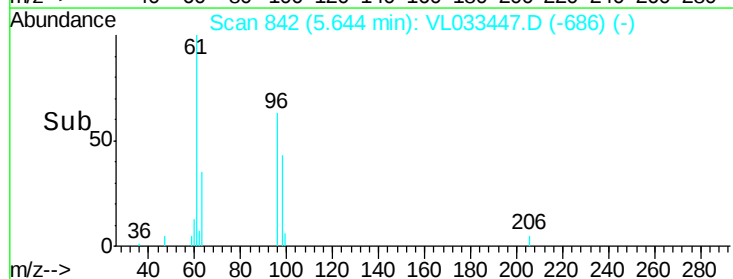
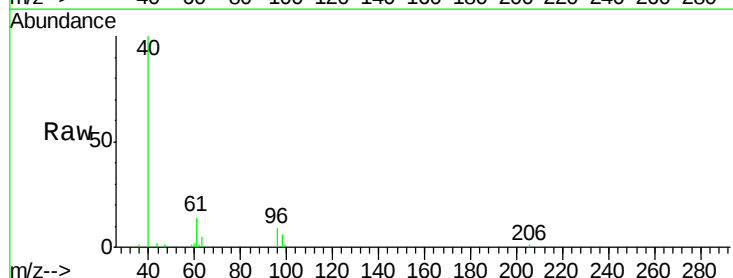
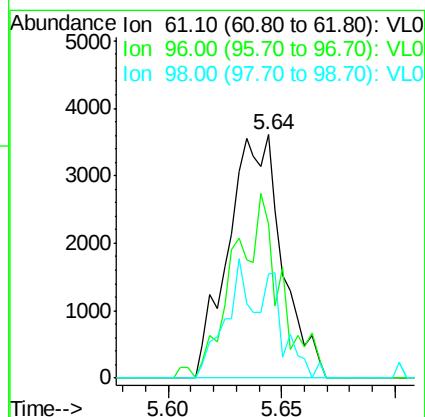
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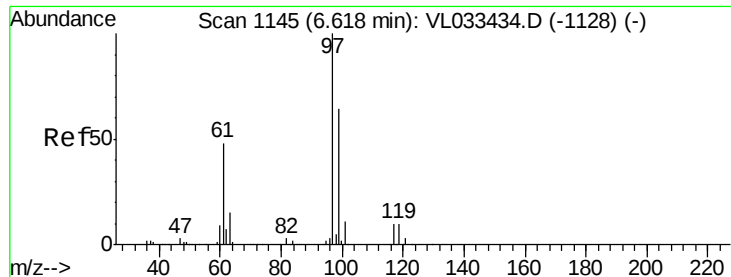
MMDadoda
4/1/2019 1:56:41 AM



#31
cis-1,2-Dichloroethene
Concen: 0.085 ppbv m
RT: 5.64 min Scan# 842
Delta R.T. 0.00 min
Lab File: VL033447.D
Acq: 25 Mar 2019 22:06

Tgt Ion	Ratio	Lower	Upper
61	100		
96	63.2	50.6	76.0
98	42.8	32.2	48.2





#32

1,1,1-Trichloroethane

Concen: 0.098 ppbv

RT: 6.62 min Scan# 1144

Delta R.T. -0.00 min

Lab File: VL033447.D

Acq: 25 Mar 2019 22:06

Instrument :

MSVOA_L

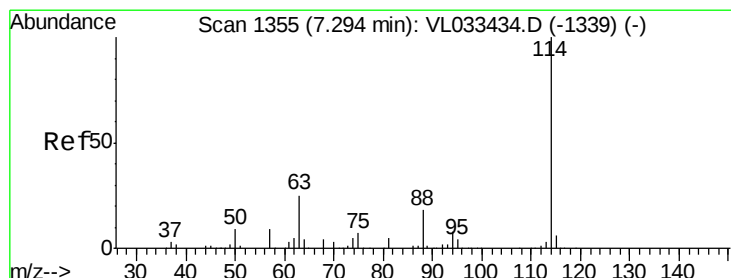
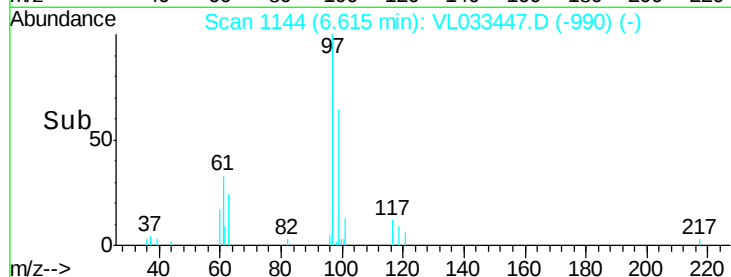
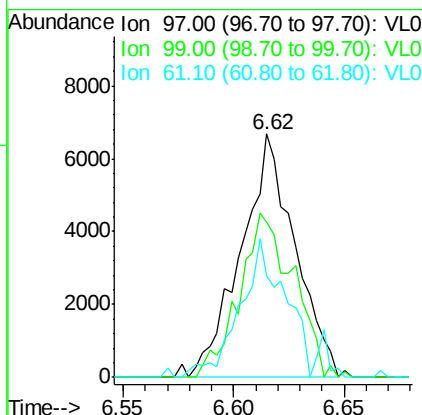
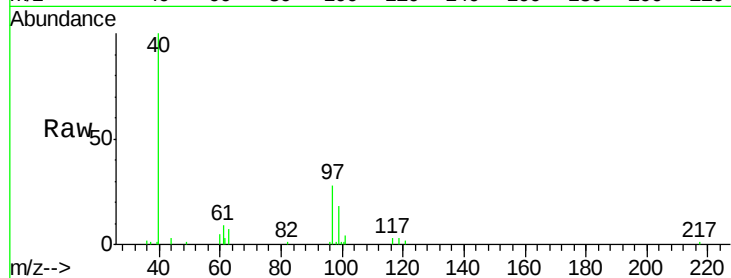
ClientSampleId :

LOD-MDL-AIR-01-QT1-2019

Tot Ion:	97	Resp:	11261
Ion	Ratio	Lower	Upper
97	100		
99	68.1	51.5	77.3
61	51.8	38.8	58.2

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#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

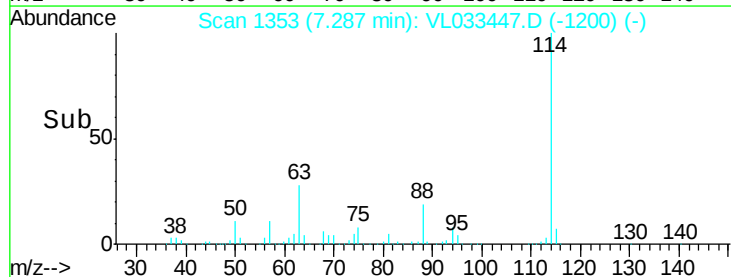
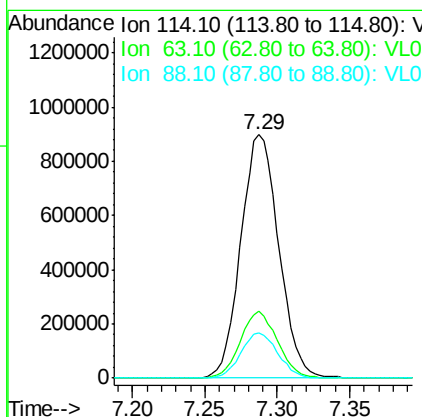
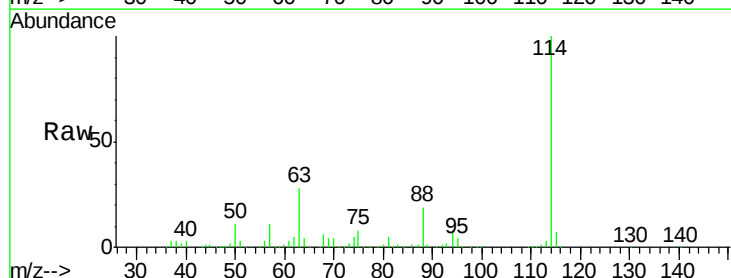
RT: 7.29 min Scan# 1353

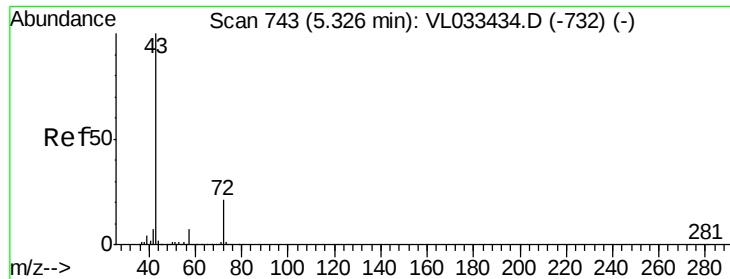
Delta R.T. -0.01 min

Lab File: VL033447.D

Acq: 25 Mar 2019 22:06

Tgt Ion:	114	Resp:	1635070
Ion	Ratio	Lower	Upper
114	100		
63	26.9	21.5	32.3
88	18.3	14.5	21.7





#34

2-Butanone

Concen: 0.094 ppbv m

RT: 5.35 min Scan# 752

Delta R.T. 0.03 min

Lab File: VL033447.D

Acq: 25 Mar 2019 22:06

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT1-2019

Tot Ion: 43 Resp: 9253

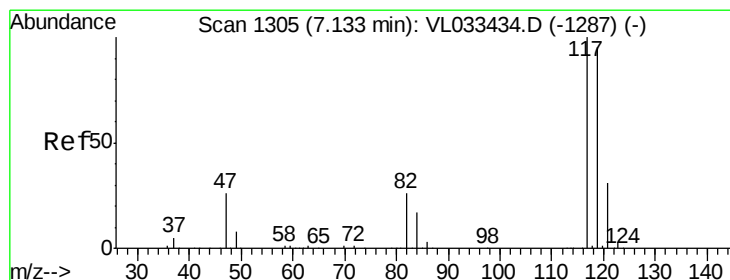
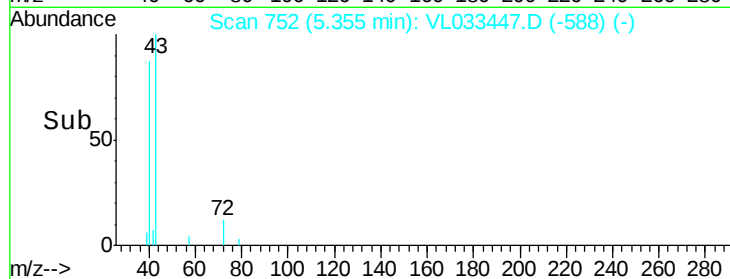
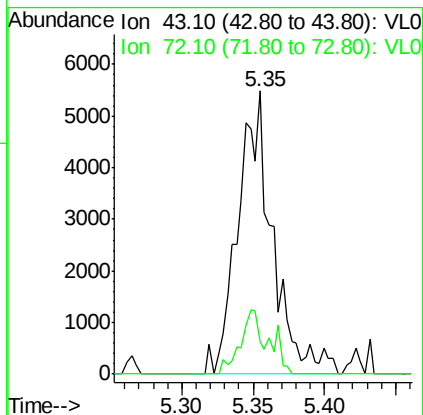
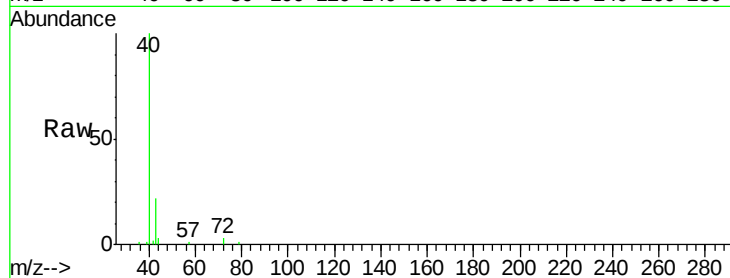
Ion Ratio Lower Upper

43 100

72 0.0 17.4 26.2#

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#35

Carbon Tetrachloride

Concen: 0.091 ppbv

RT: 7.13 min Scan# 1304

Delta R.T. -0.00 min

Lab File: VL033447.D

Acq: 25 Mar 2019 22:06

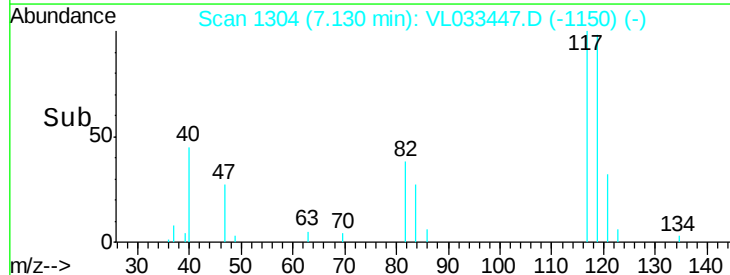
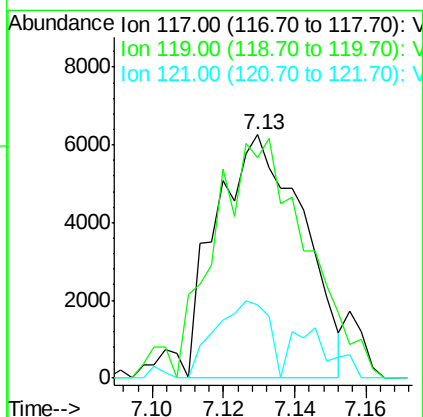
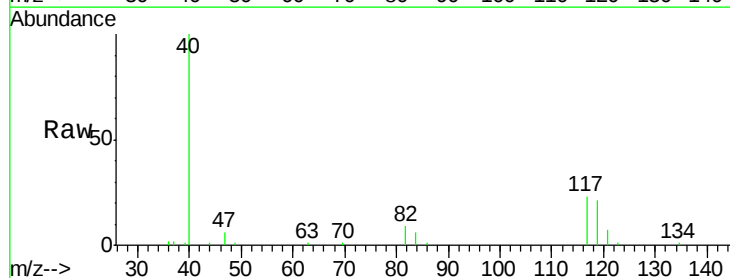
Tgt Ion: 117 Resp: 10529

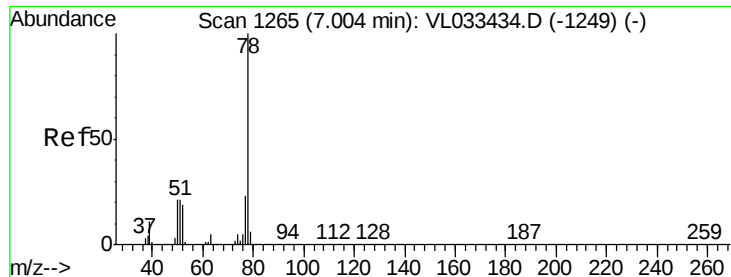
Ion Ratio Lower Upper

117 100

119 63.4 75.8 113.8#

121 29.9 24.7 37.1





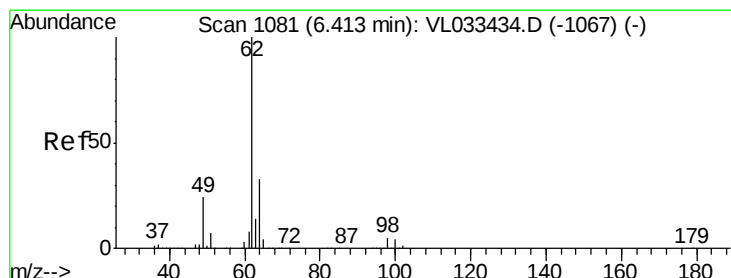
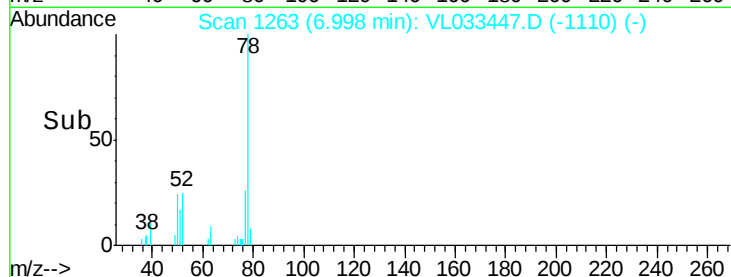
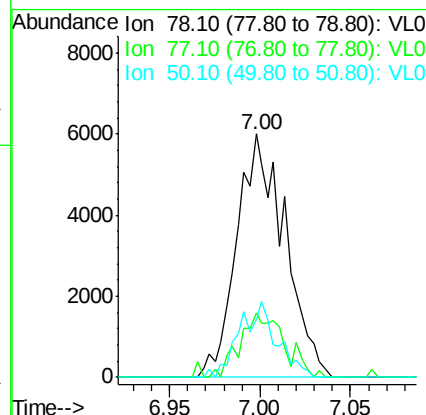
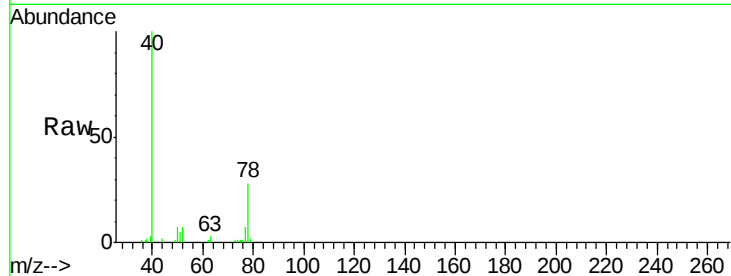
#36
Benzene
Concen: 0.080 ppbv m
RT: 7.00 min Scan# 1263
Delta R.T. -0.01 min
Lab File: VL033447.D
Acq: 25 Mar 2019 22:06

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2019

Tot Ion	Ratio	Lower	Upper
78	100		
77	26.3	18.1	27.1
50	23.7	16.7	25.1

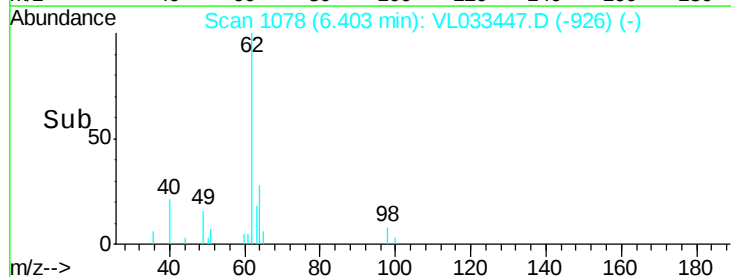
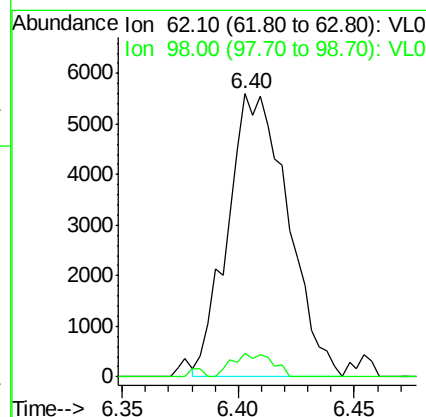
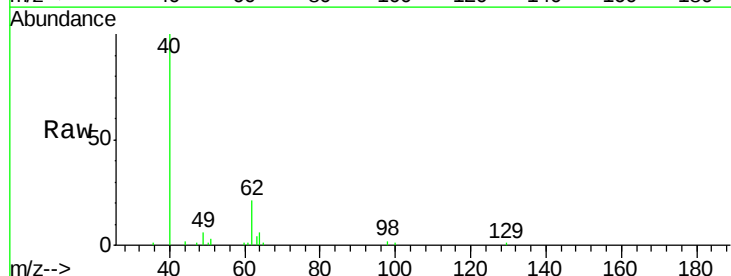
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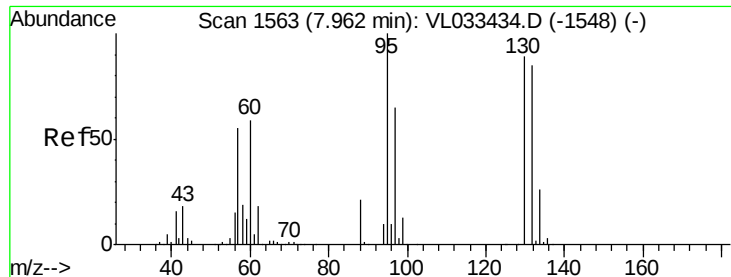
MMDadoda
4/1/2019 1:56:41 AM



#37
1,2-Dichloroethane
Concen: 0.110 ppbv
RT: 6.40 min Scan# 1078
Delta R.T. -0.01 min
Lab File: VL033447.D
Acq: 25 Mar 2019 22:06

Tgt Ion	Ratio	Lower	Upper
62	100		
98	6.1	4.4	6.6





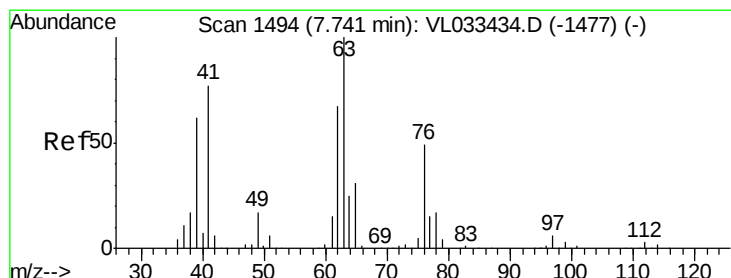
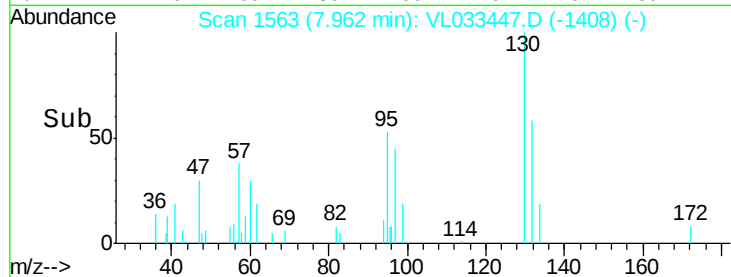
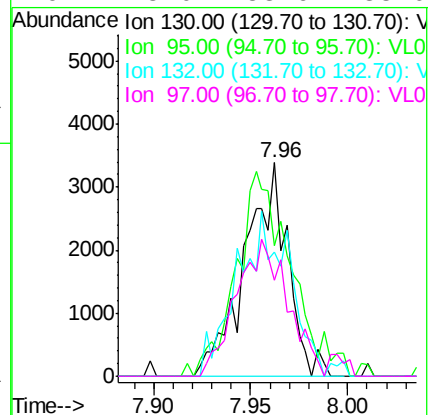
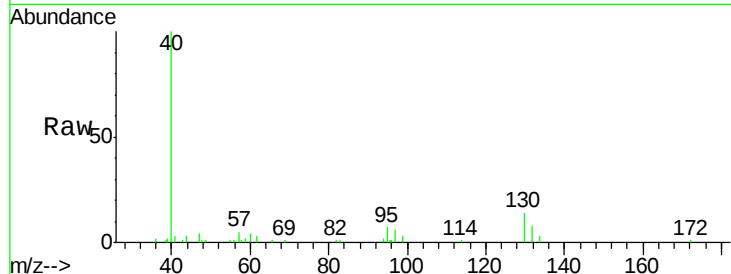
#38
 Trichloroethene
 Concen: 0.100 ppbv m
 RT: 7.96 min Scan# 1563
 Delta R.T. -0.00 min
 Lab File: VL033447.D
 Acq: 25 Mar 2019 22:06

Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT1-2019

Tot Ion	Ratio	Lower	Upper
130	100		
95	53.0	89.8	134.8#
132	58.4	76.6	115.0#
97	45.0	58.6	88.0#

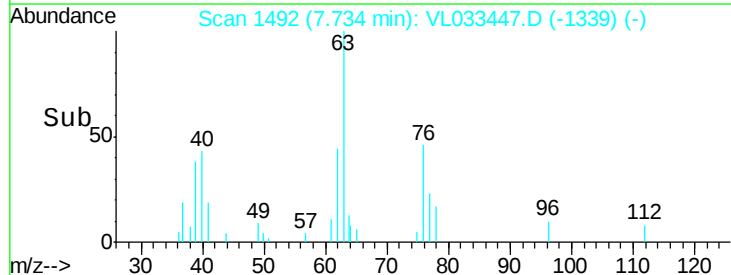
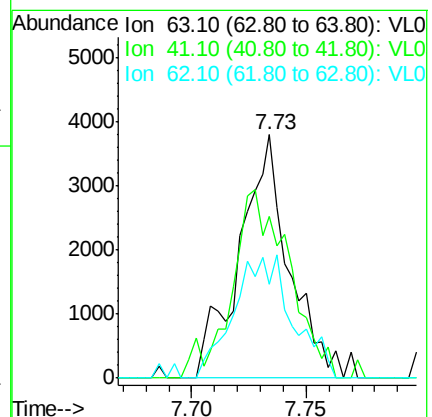
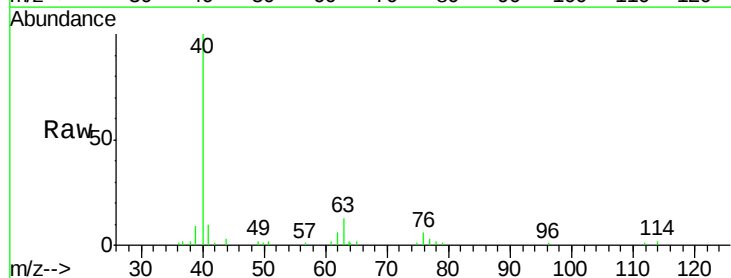
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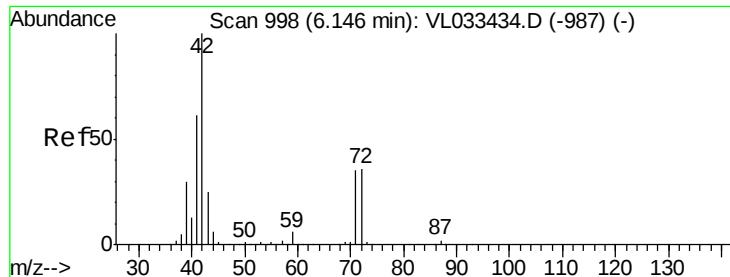
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#39
 1,2-Dichloropropane
 Concen: 0.107 ppbv m
 RT: 7.73 min Scan# 1492
 Delta R.T. -0.01 min
 Lab File: VL033447.D
 Acq: 25 Mar 2019 22:06

Tgt Ion	Ratio	Lower	Upper
63	100		
41	75.0	61.2	91.8
62	43.6	54.0	81.0#





#41

Tetrahydrofuran

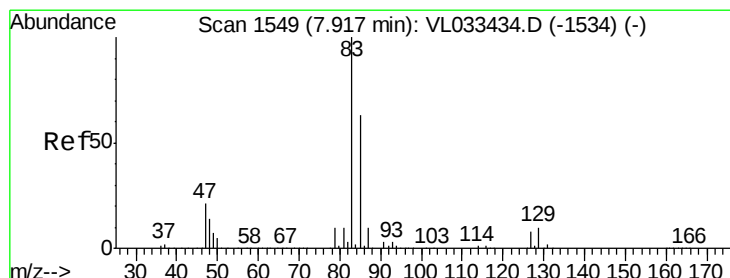
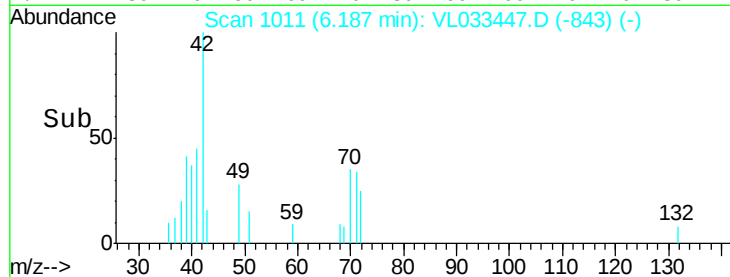
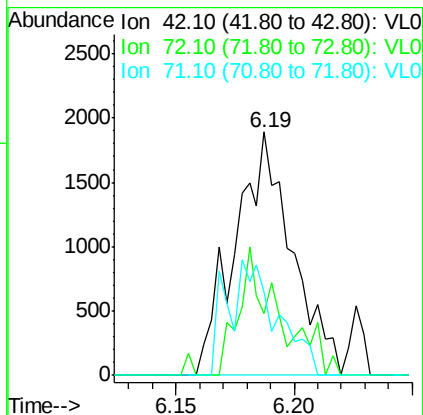
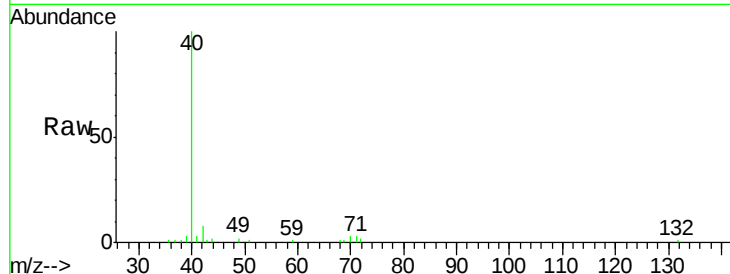
Concen: 0.059 ppbv m
RT: 6.19 min Scan# 1011
Delta R.T. 0.04 min
Lab File: VL033447.D
Acq: 25 Mar 2019 22:06

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2019

Tot Ion	Ratio	Lower	Upper
42	100		
72	0.0	30.2	45.2#
71	0.0	29.4	44.2#

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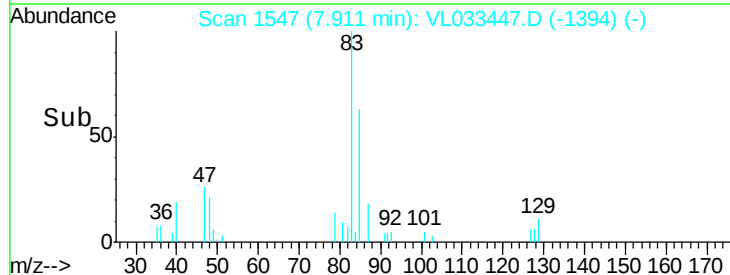
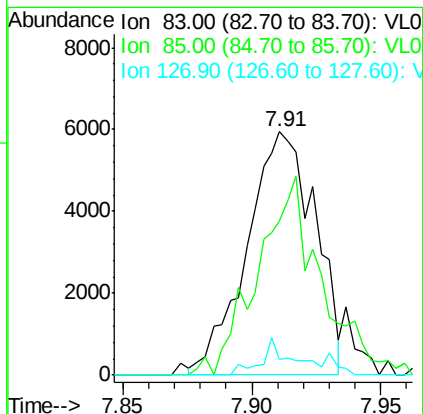
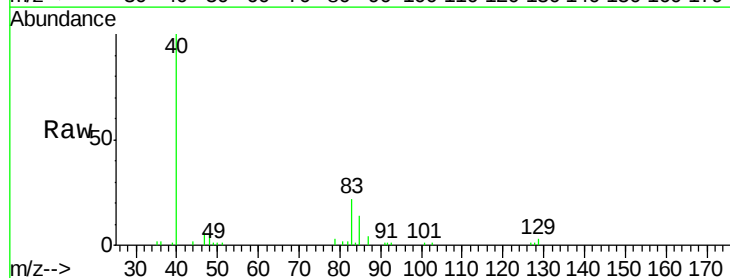


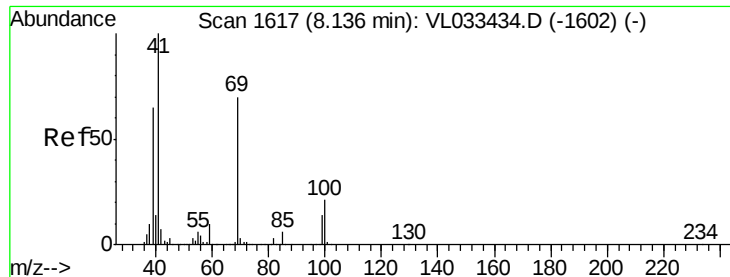
#42

Bromodichloromethane

Concen: 0.087 ppbv
RT: 7.91 min Scan# 1547
Delta R.T. -0.01 min
Lab File: VL033447.D
Acq: 25 Mar 2019 22:06

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.8	50.7	76.1
127	6.6	6.6	9.8





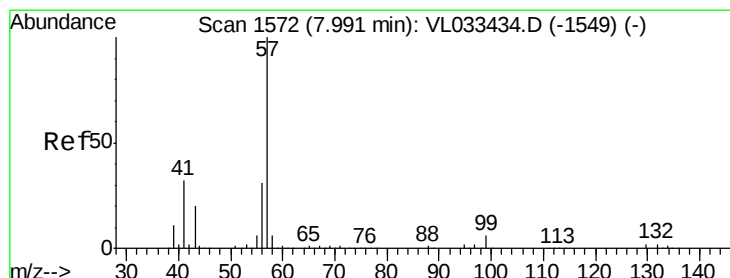
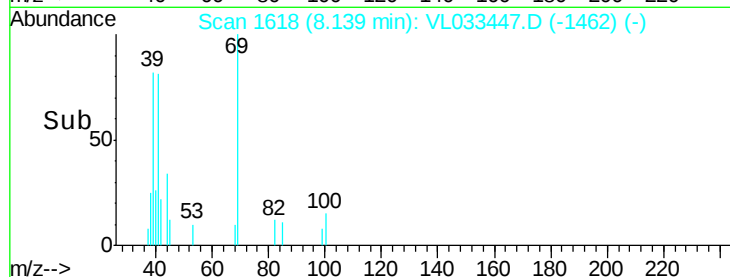
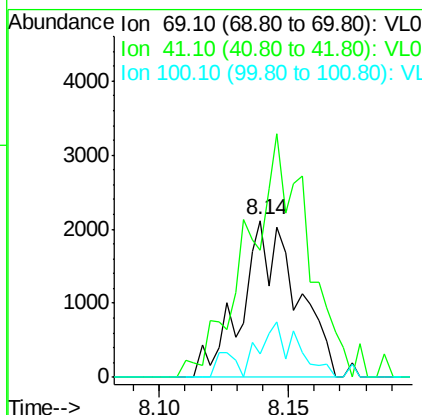
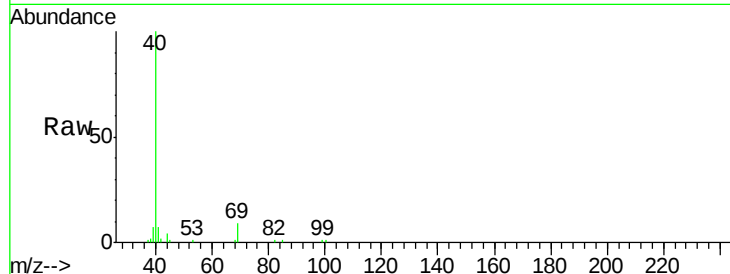
#43
Methvl Methacrvlate
Concen: 0.057 ppbv m
RT: 8.14 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VL033447.D
Acq: 25 Mar 2019 22:06

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2019

Tot Ion: 69 Resp: 3148
Ion Ratio Lower Upper
69 100
41 0.0 116.6 174.8#
100 0.0 24.4 36.6#

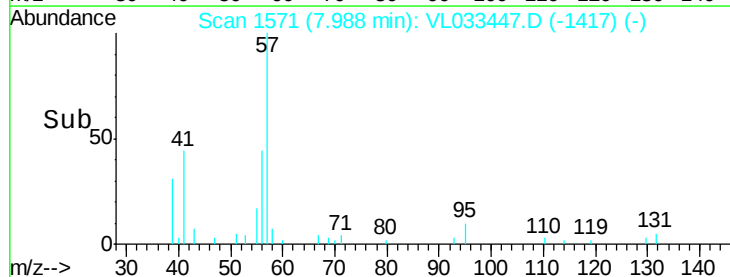
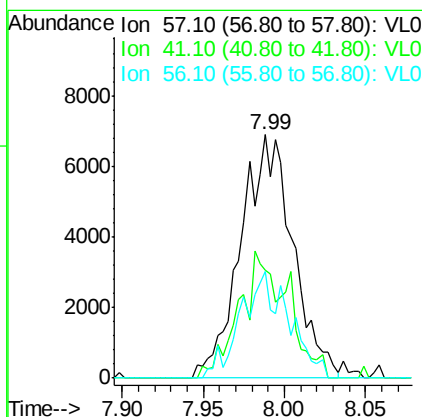
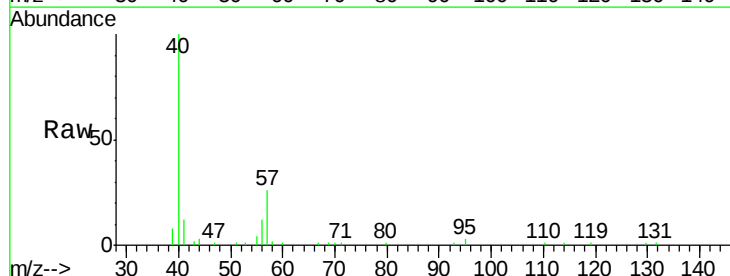
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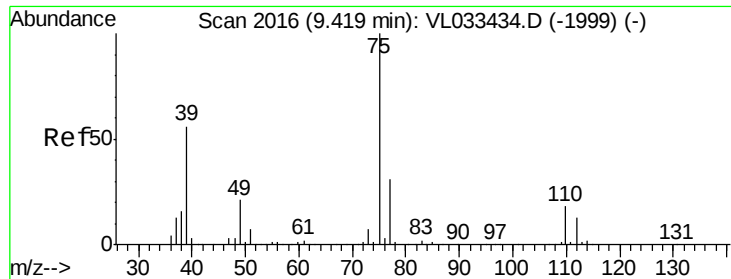
MMDadoda
4/1/2019 1:56:41 AM



#44
2,2,4-Trimethylpentane
Concen: 0.064 ppbv m
RT: 7.99 min Scan# 1571
Delta R.T. -0.00 min
Lab File: VL033447.D
Acq: 25 Mar 2019 22:06

Tgt Ion: 57 Resp: 15360
Ion Ratio Lower Upper
57 100
41 0.0 26.0 39.0#
56 40.1 24.6 37.0#





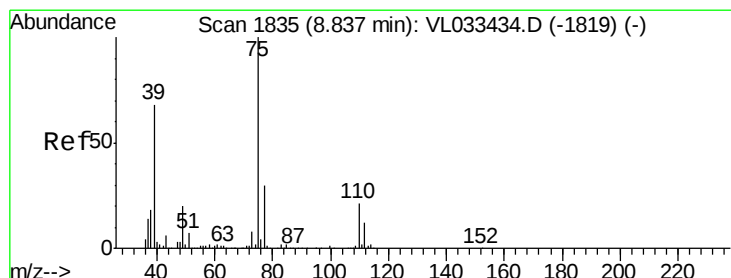
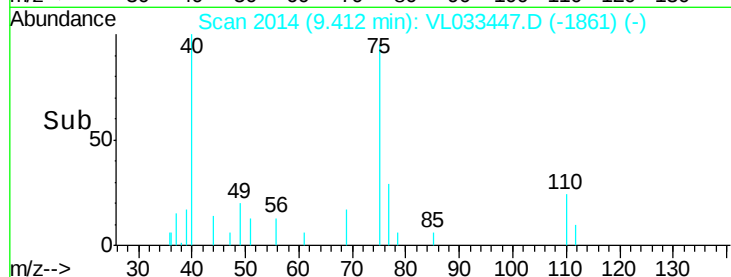
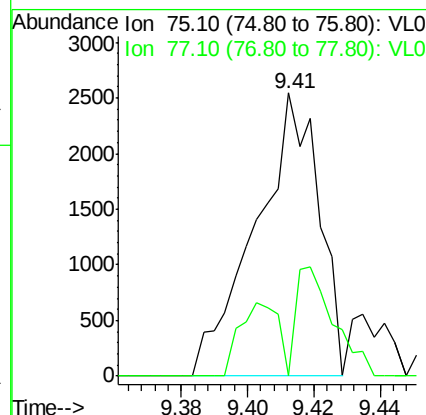
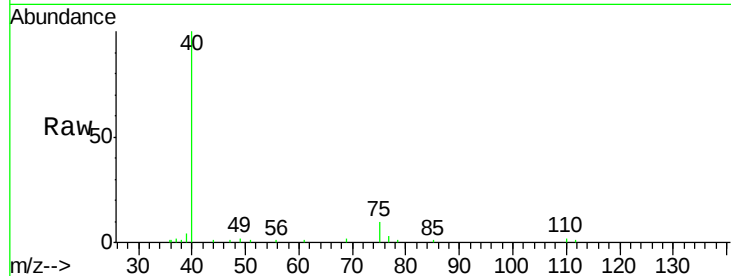
#45
t-1,3-Dichloropropene
Concen: 0.049 ppbv
RT: 9.41 min Scan# 2014
Delta R.T. -0.01 min
Lab File: VL033447.D
Acq: 25 Mar 2019 22:06

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2019

Tot Ion: 75 Resp: 3361
Ion Ratio Lower Upper
75 100
77 0.0 24.5 36.7#

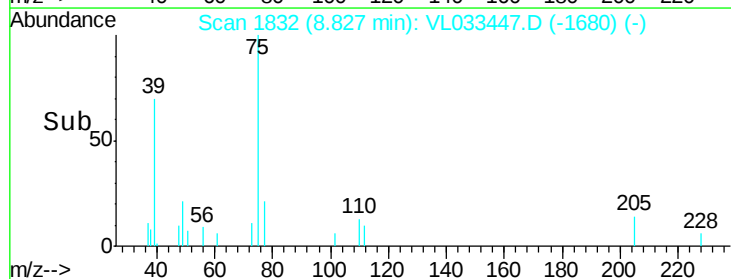
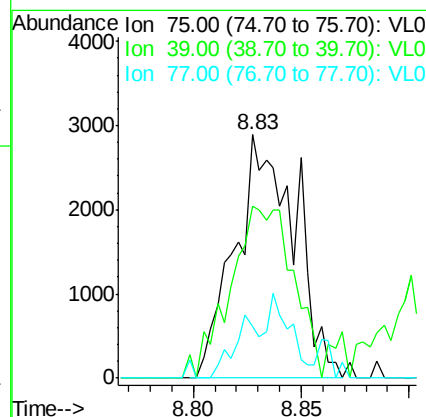
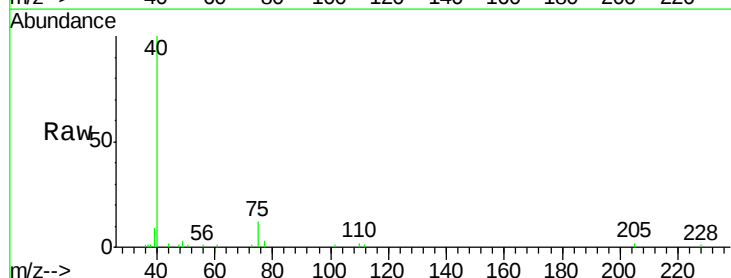
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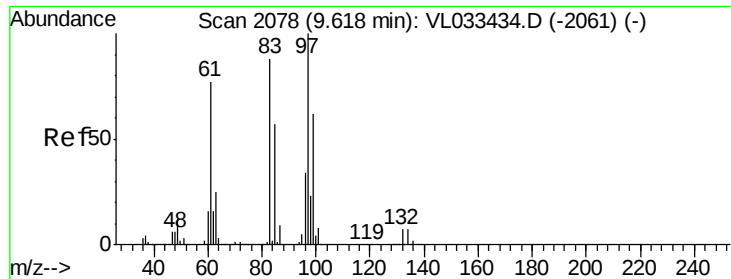
MMDadoda
4/1/2019 1:56:41 AM



#46
cis-1,3-Dichloropropene
Concen: 0.070 ppbv m
RT: 8.83 min Scan# 1832
Delta R.T. -0.01 min
Lab File: VL033447.D
Acq: 25 Mar 2019 22:06

Tgt Ion: 75 Resp: 5592
Ion Ratio Lower Upper
75 100
39 70.4 54.1 81.1
77 21.4 23.9 35.9#





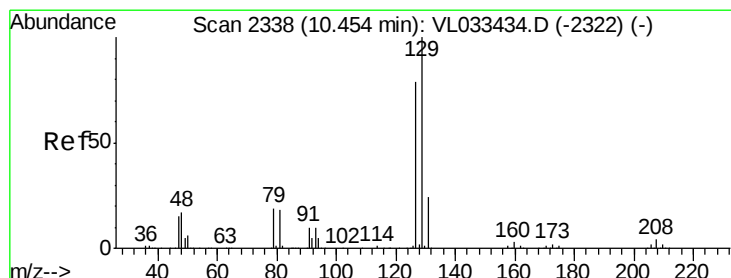
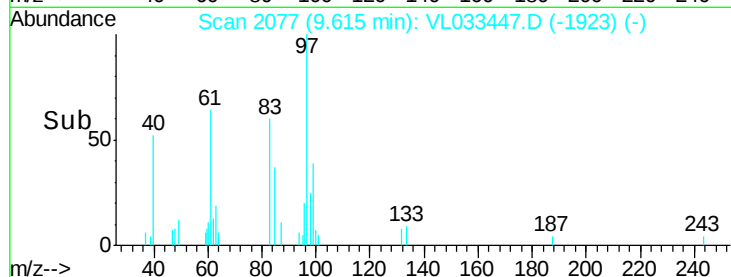
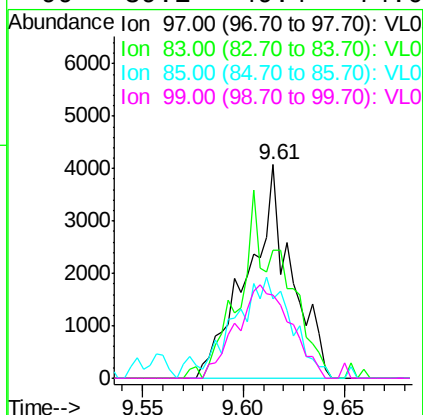
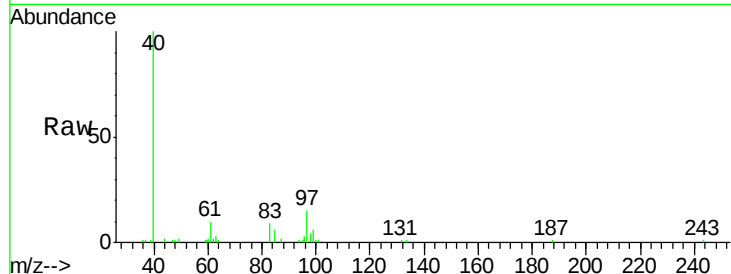
#47
 1,1,2-Trichloroethane
 Concen: 0.100 ppbv m
 RT: 9.61 min Scan# 2077
 Delta R.T. -0.00 min
 Lab File: VL033447.D
 Acq: 25 Mar 2019 22:06

Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT1-2019

Tot Ion	Ratio	Lower	Upper
97	100		
83	60.0	70.5	105.7#
85	37.3	45.6	68.4#
99	39.1	49.4	74.0#

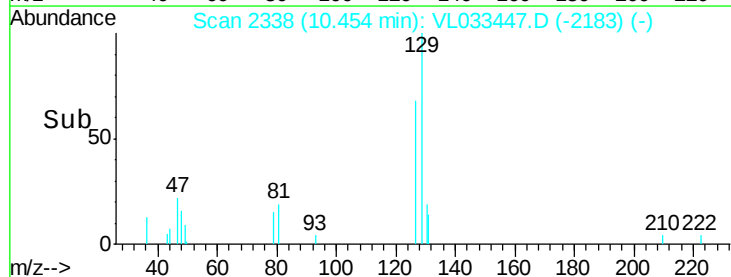
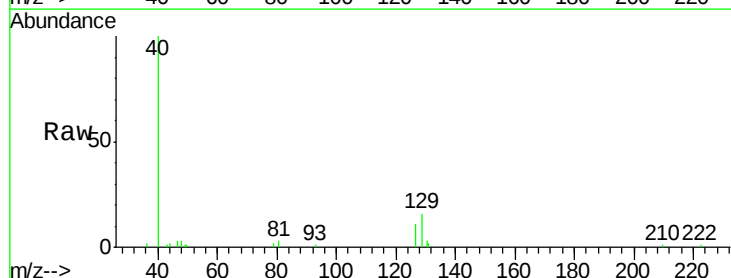
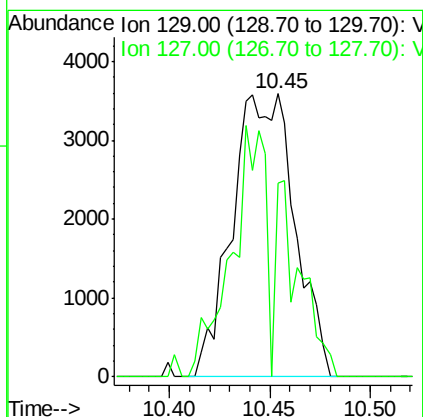
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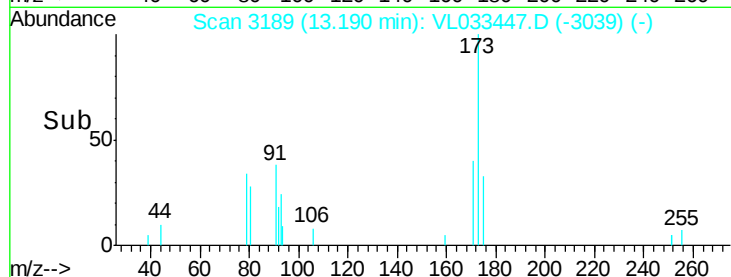
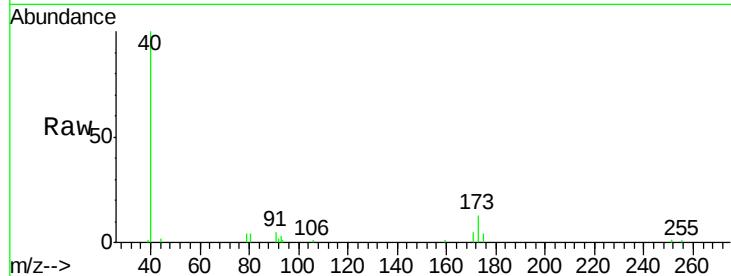
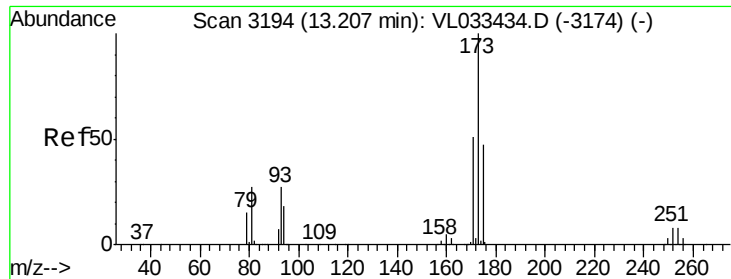
MMDadoda
 4/1/2019 1:56:41 AM



#48
 Dibromochloromethane
 Concen: 0.076 ppbv m
 RT: 10.45 min Scan# 2338
 Delta R.T. -0.00 min
 Lab File: VL033447.D
 Acq: 25 Mar 2019 22:06

Tgt Ion	Ratio	Lower	Upper
129	100		
127	76.1	39.1	117.2





#49

Bromoform

Concen: 0.061 ppbv m

RT: 13.19 min Scan# 3189

Delta R.T. -0.02 min

Lab File: VL033447.D

Acq: 25 Mar 2019 22:06

Tot Ion	Ratio	Lower	Upper
173	100		
175	51.1	39.3	58.9
171	44.4	41.2	61.8

Instrument :

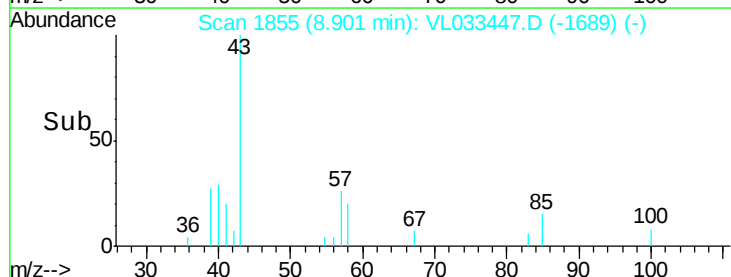
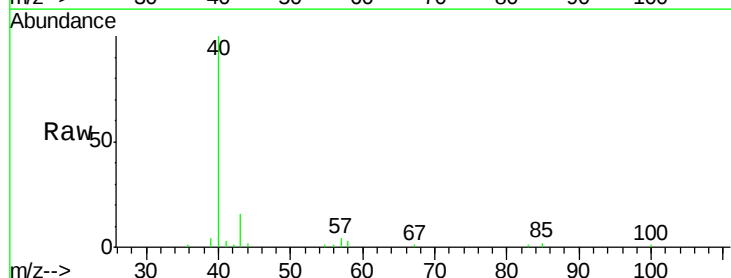
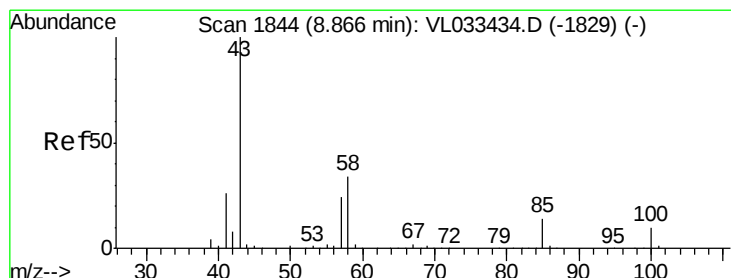
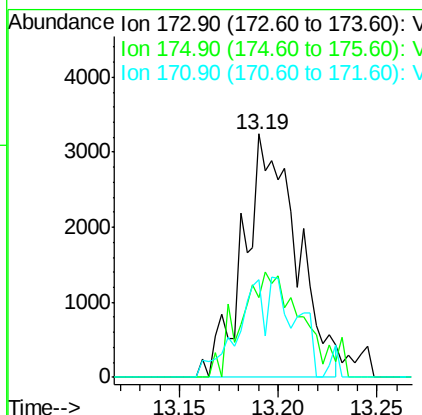
MSVOA_L

ClientSampleId :

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#50

4-Methyl-2-Pentanone

Concen: 0.063 ppbv m

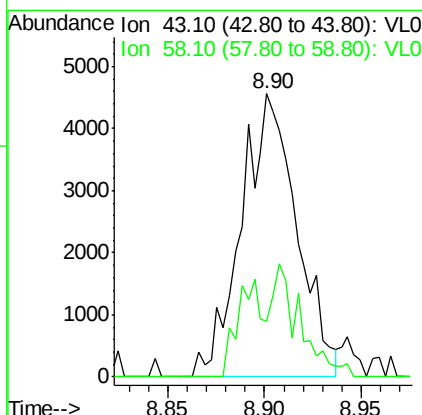
RT: 8.90 min Scan# 1855

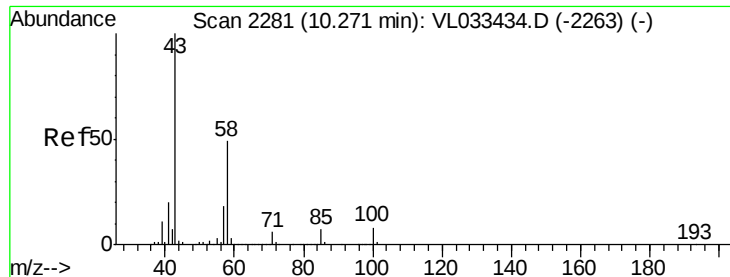
Delta R.T. 0.04 min

Lab File: VL033447.D

Acq: 25 Mar 2019 22:06

Tgt Ion	Ratio	Lower	Upper
43	100		
58	0.0	28.0	42.0





#51

2-Hexanone

Concen: 0.055 ppbv m

RT: 10.32 min Scan# 2295

Delta R.T. 0.04 min

Lab File: VL033447.D

Acq: 25 Mar 2019 22:06

Instrument :

MSVOA_L

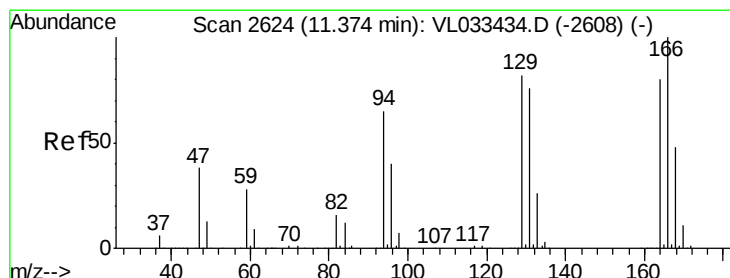
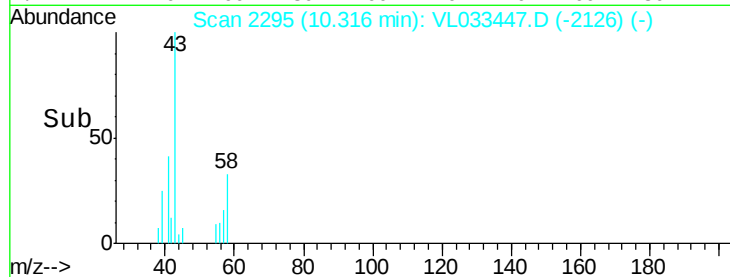
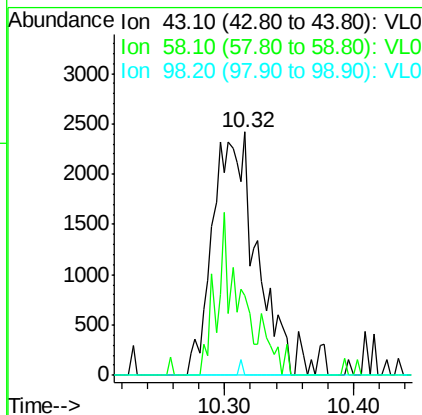
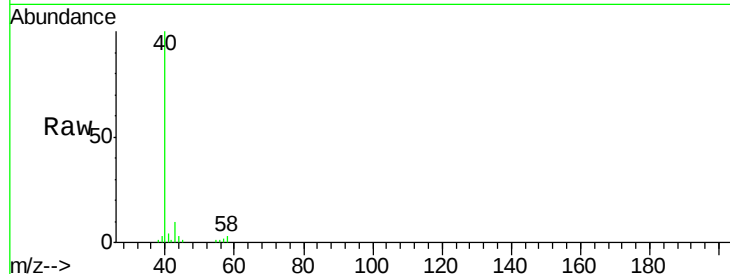
ClientSampleId :

LOD-MDL-AIR-01-QT1-2019

Tot Ion:	43	Resp:	5862
Ion	Ratio	Lower	Upper
43	100		
58	0.0	38.2	57.2#
98	0.0	0.2	0.2#

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MMDadoda
4/1/2019 1:56:41 AM



#52

Tetrachloroethene

Concen: 0.091 ppbv m

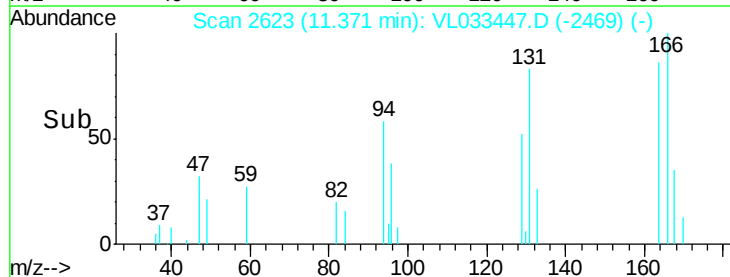
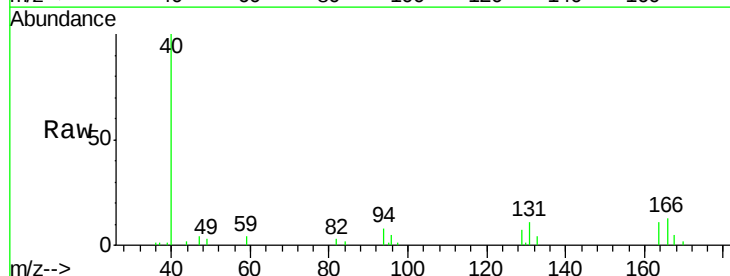
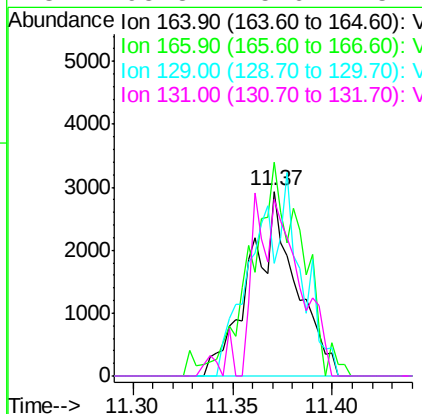
RT: 11.37 min Scan# 2623

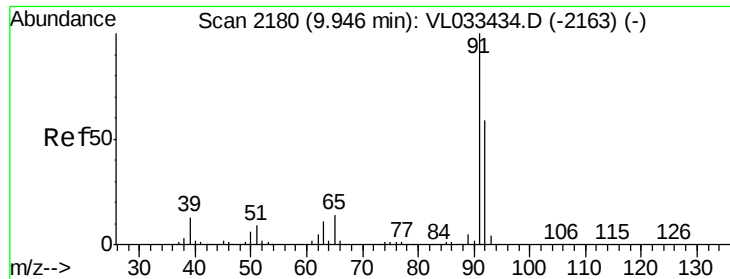
Delta R.T. -0.00 min

Lab File: VL033447.D

Acq: 25 Mar 2019 22:06

Tgt Ion:	164	Resp:	4686
Ion	Ratio	Lower	Upper
164	100		
166	115.8	99.5	149.3
129	60.8	81.4	122.2#
131	95.8	75.6	113.4





#53

Toluene

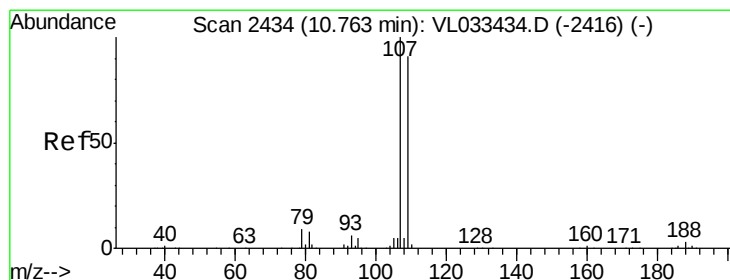
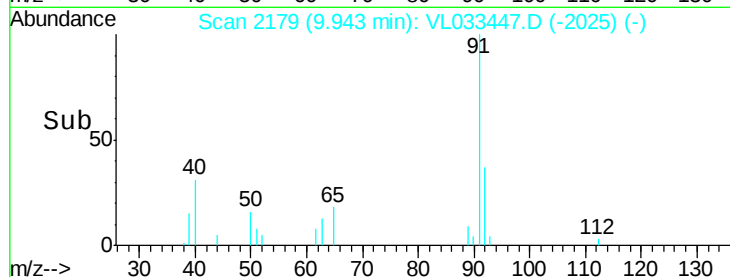
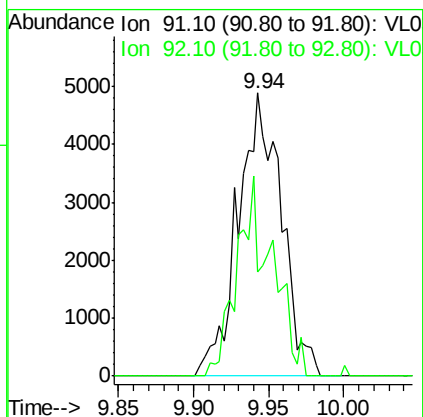
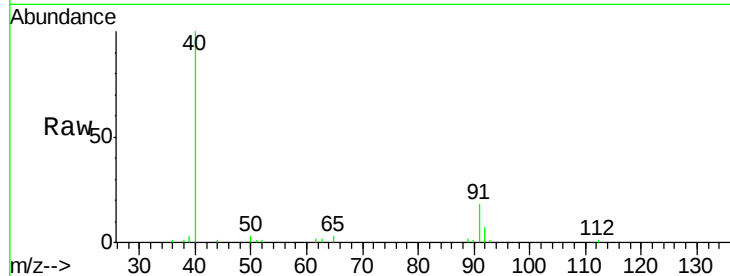
Concen: 0.061 ppbv m
RT: 9.94 min Scan# 2179
Delta R.T. -0.00 min
Lab File: VL033447.D
Acq: 25 Mar 2019 22:06

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2019

Tot Ion: 91 Resp: 9741
Ion Ratio Lower Upper
91 100
92 57.4 47.4 71.0

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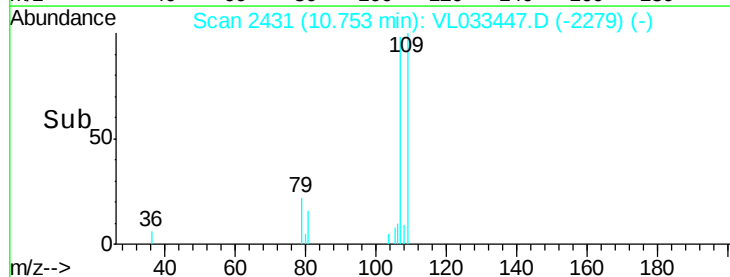
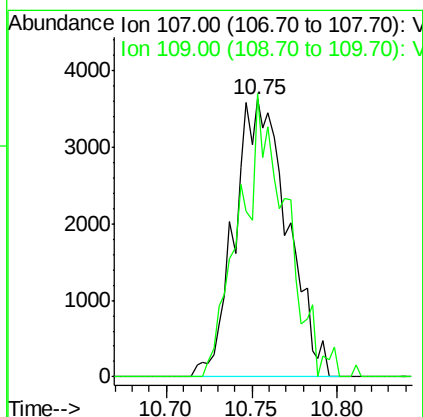
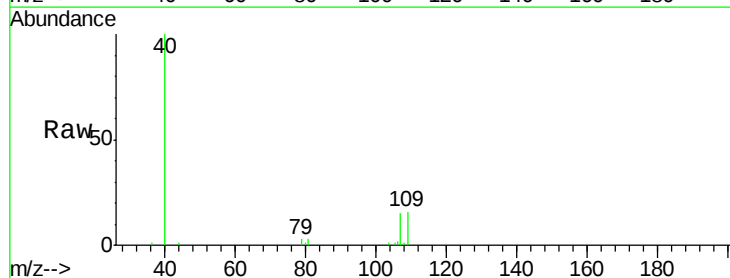


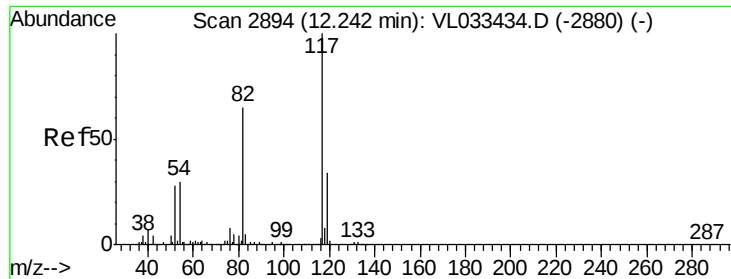
#54

1,2-Dibromoethane

Concen: 0.082 ppbv m
RT: 10.75 min Scan# 2431
Delta R.T. -0.01 min
Lab File: VL033447.D
Acq: 25 Mar 2019 22:06

Tgt Ion:107 Resp: 7816
Ion Ratio Lower Upper
107 100
109 102.0 72.7 109.1





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.24 min Scan# 2893

Delta R.T. -0.00 min

Lab File: VL033447.D

Acq: 25 Mar 2019 22:06

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT1-2019

Tot Ion:117 Resp: 1624450

Ion Ratio Lower Upper

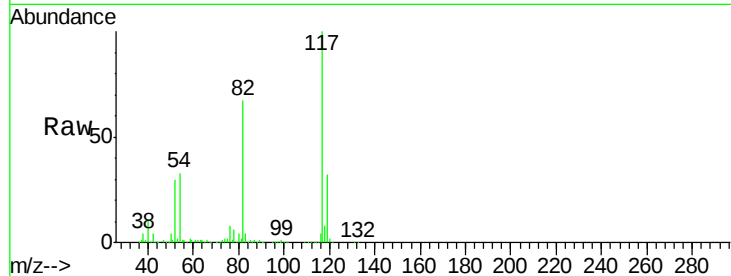
117 100

82 67.4 51.5 77.3

119 32.5 25.5 38.3

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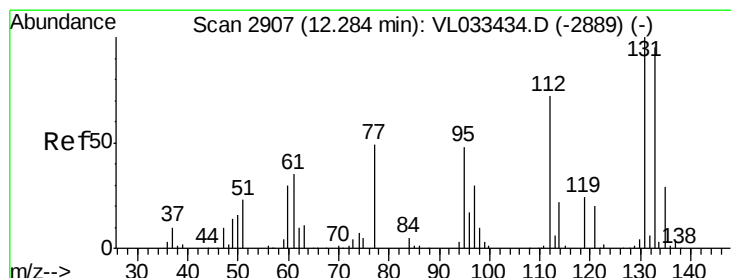
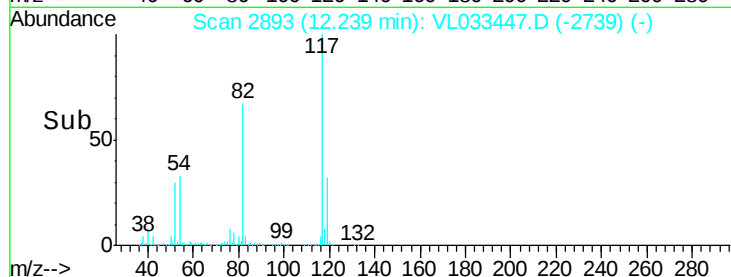
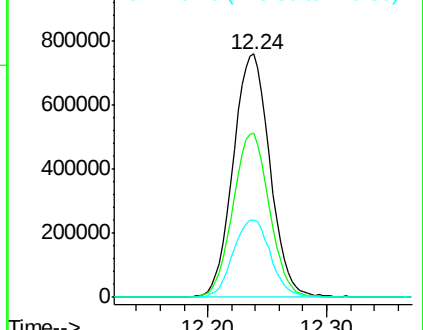
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Abundance Ion 117.10 (116.80 to 117.80): V

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: 0.095 ppbv m

RT: 12.29 min Scan# 2908

Delta R.T. 0.00 min

Lab File: VL033447.D

Acq: 25 Mar 2019 22:06

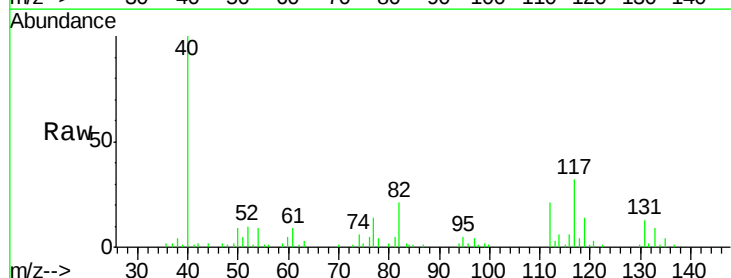
Tgt Ion:131 Resp: 7057

Ion Ratio Lower Upper

131 100

133 0.0 76.2 114.4#

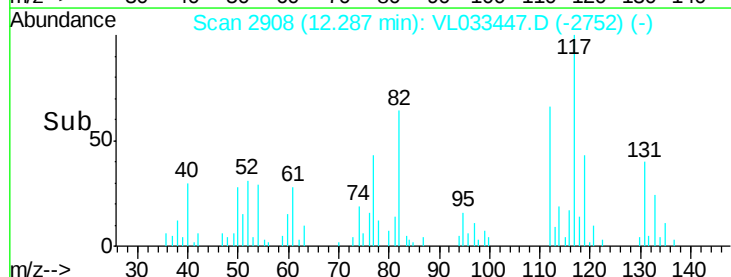
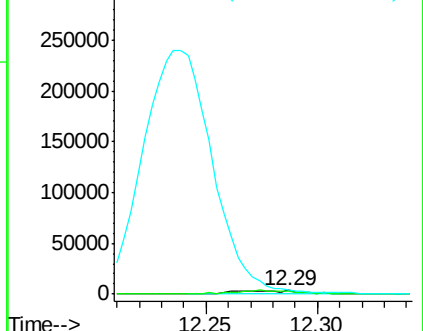
119 0.0 45.0 67.6#

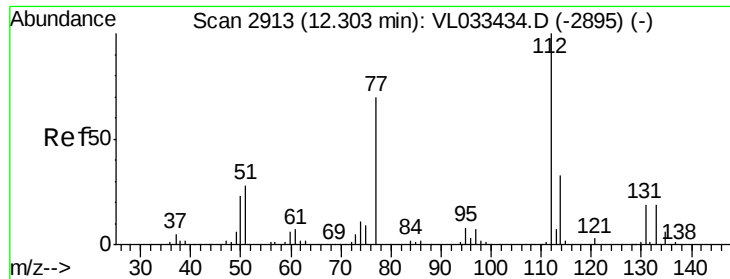


Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V





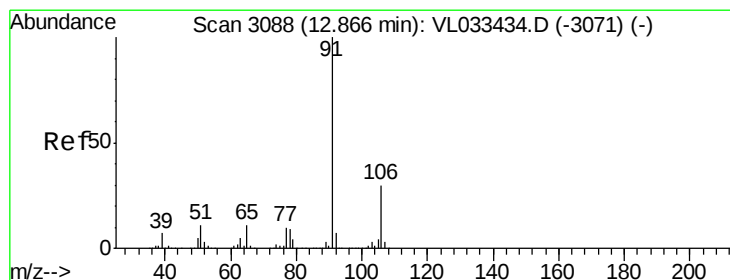
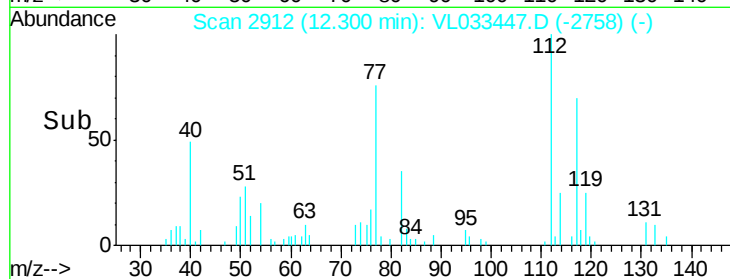
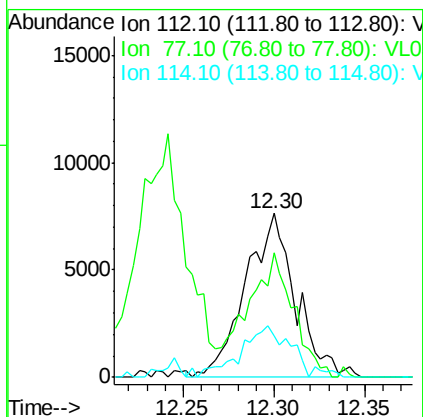
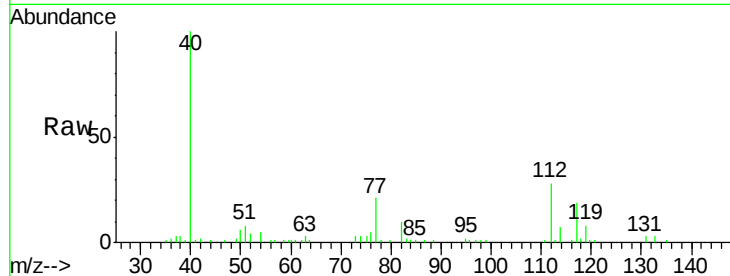
#57
Chlorobenzene
Concen: 0.115 ppbv m
RT: 12.30 min Scan# 2912
Delta R.T. -0.00 min
Lab File: VL033447.D
Acq: 25 Mar 2019 22:06

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2019

Tot Ion	Ratio	Lower	Upper
112	100		
77	76.3	57.3	85.9
114	25.3	29.8	36.4

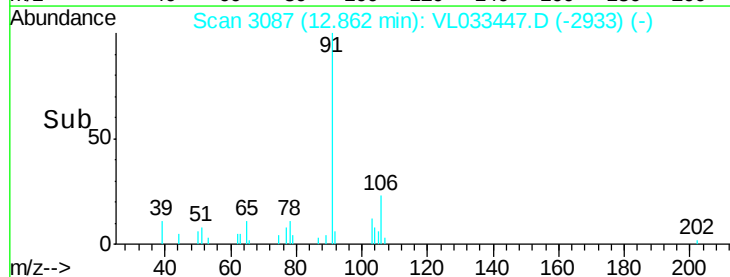
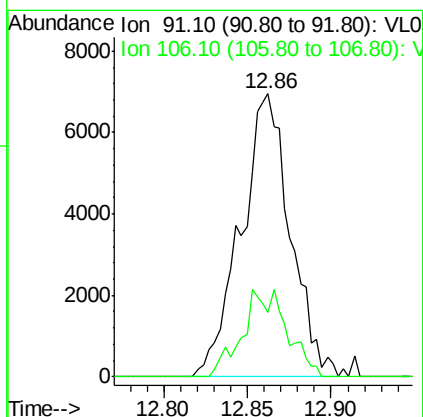
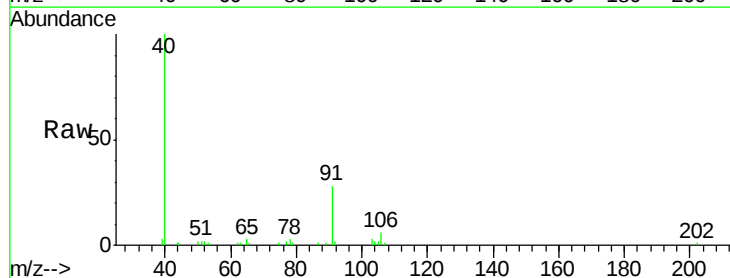
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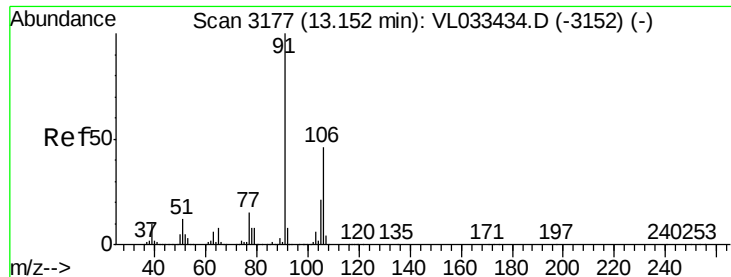
MMDadoda
4/1/2019 1:56:41 AM



#58
Ethyl Benzene
Concen: 0.066 ppbv m
RT: 12.86 min Scan# 3087
Delta R.T. -0.00 min
Lab File: VL033447.D
Acq: 25 Mar 2019 22:06

Tgt Ion	Ratio	Lower	Upper
91	100		
106	22.9	23.8	35.6





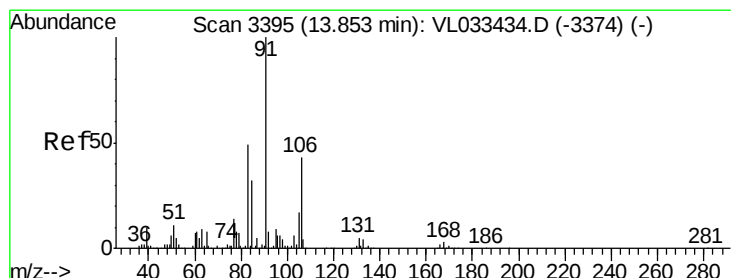
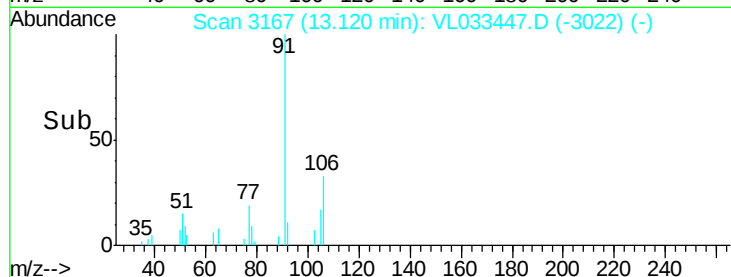
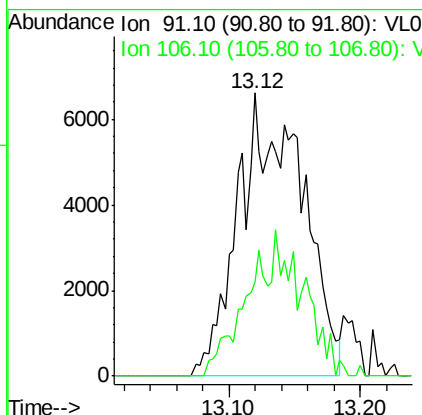
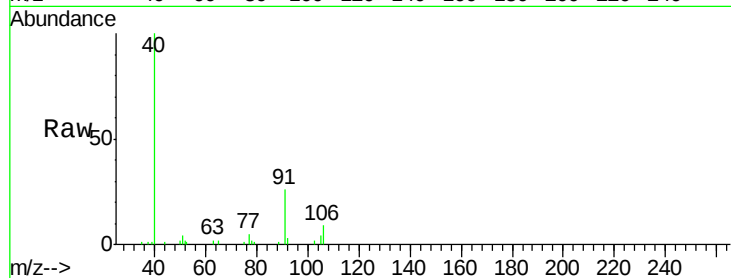
#59
m/p-Xylene
Concen: 0.116 ppbv m
RT: 13.12 min Scan# 3167
Delta R.T. -0.03 min
Lab File: VL033447.D
Acq: 25 Mar 2019 22:06

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2019

Tot Ion	Ratio	Lower	Upper
91	100		
106	0.0	0.0	0.0

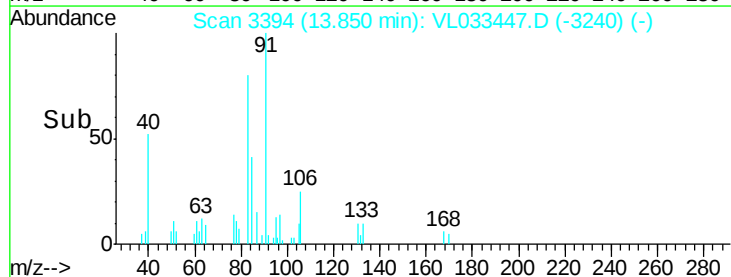
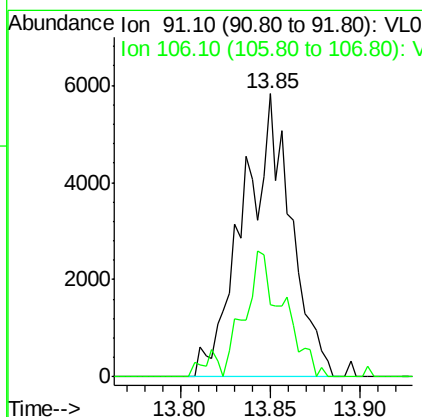
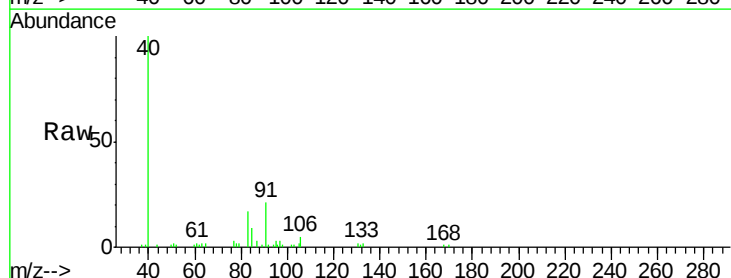
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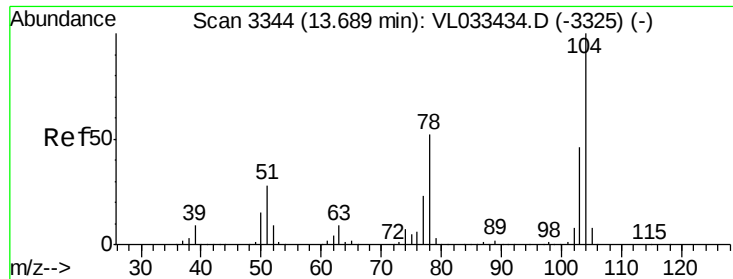
MMDadoda
4/1/2019 1:56:41 AM



#60
o-Xylene
Concen: 0.057 ppbv m
RT: 13.85 min Scan# 3394
Delta R.T. -0.00 min
Lab File: VL033447.D
Acq: 25 Mar 2019 22:06

Tgt Ion	Ratio	Lower	Upper
91	100		
106	38.6	21.4	64.3





#61

Stvrene

Concen: 0.047 ppbv m

RT: 13.68 min Scan# 3342

Delta R.T. -0.01 min

Lab File: VL033447.D

Acq: 25 Mar 2019 22:06

Instrument :

MSVOA_L

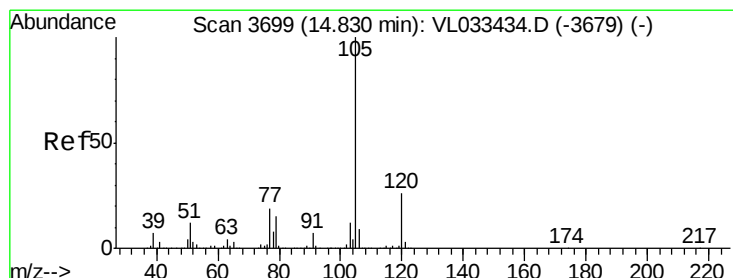
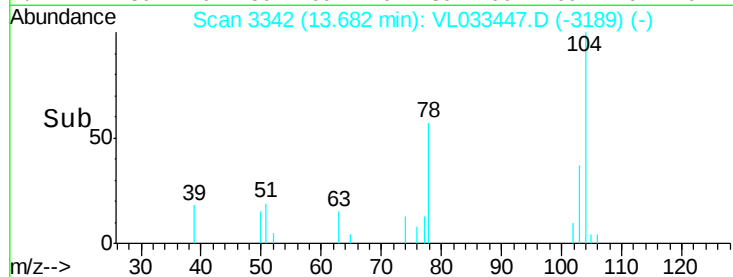
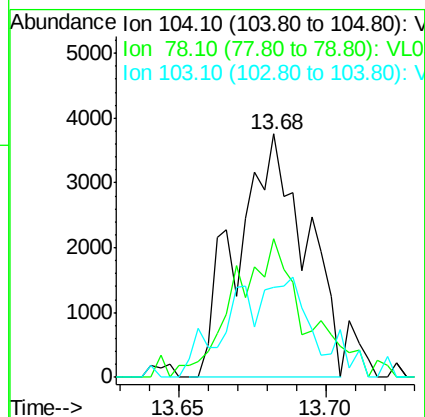
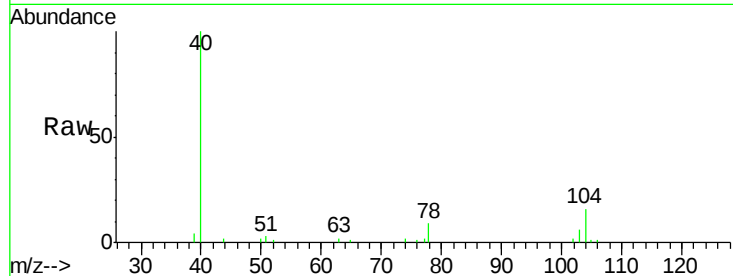
ClientSampleId :

LOD-MDL-AIR-01-QT1-2019

Tot Ion	Ratio	Lower	Upper
104	100		
78	60.9	43.2	64.8
103	0.0	37.8	56.8#

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#62

Isopropylbenzene

Concen: 0.067 ppbv m

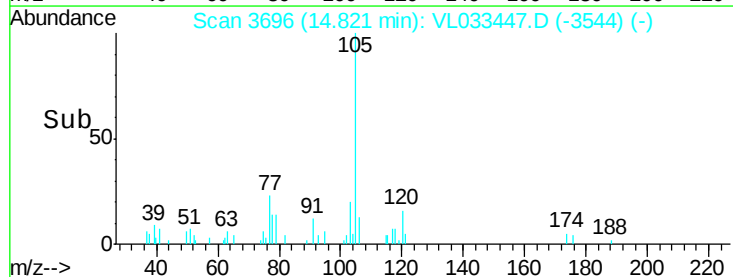
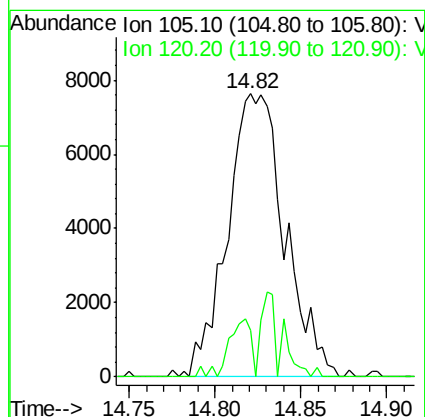
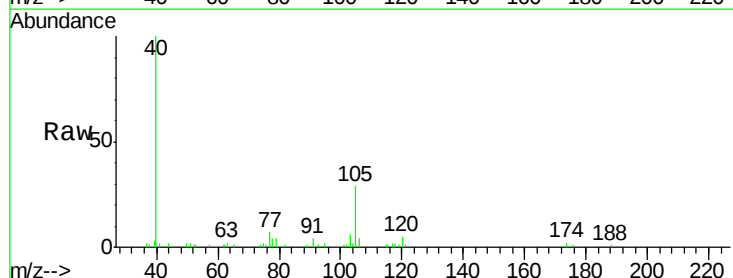
RT: 14.82 min Scan# 3696

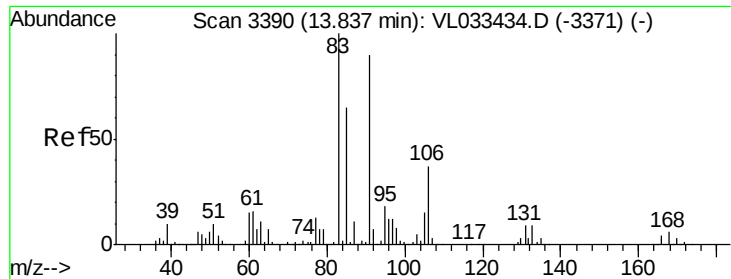
Delta R.T. -0.01 min

Lab File: VL033447.D

Acq: 25 Mar 2019 22:06

Tgt Ion	Ratio	Lower	Upper
105	100		
120	18.1	20.2	30.2#





#63

1,1,2,2-Tetrachloroethane

Concen: 0.099 ppbv m

RT: 13.84 min Scan# 3391

Delta R.T. 0.00 min

Lab File: VL033447.D

Acq: 25 Mar 2019 22:06

Instrument :

MSVOA_L

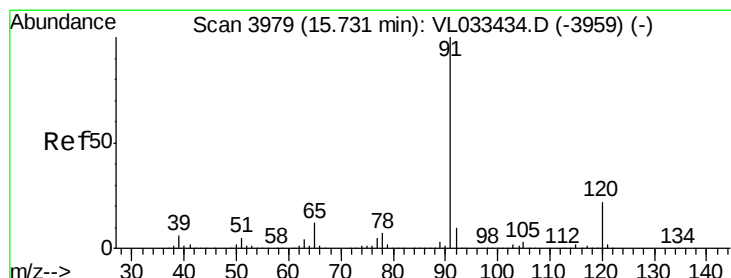
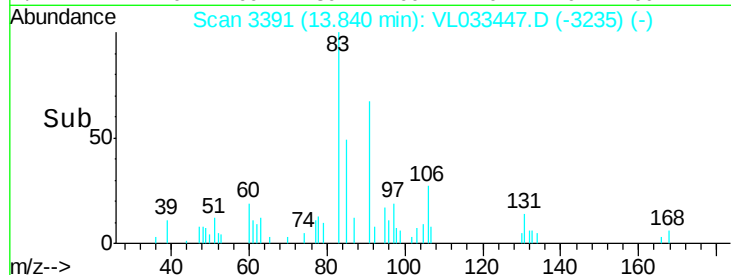
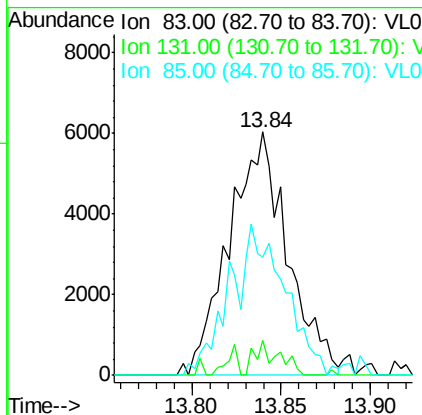
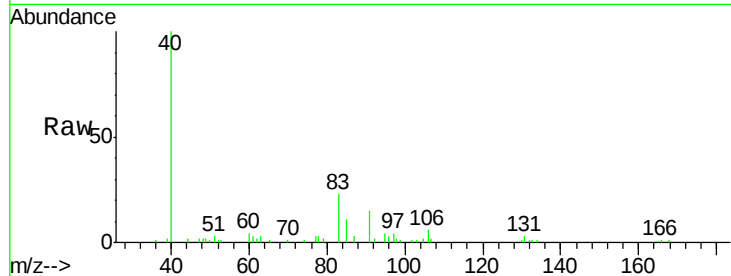
ClientSampleId :

LOD-MDL-AIR-01-QT1-2019

Tot Ion:	83	Resp:	13698
Ion	Ratio	Lower	Upper
83	100		
131	8.7	4.7	14.0
85	60.4	32.7	98.1

Manual Integrations
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4/1/2019 1:56:41 AM



#64

n-propylbenzene

Concen: 0.050 ppbv m

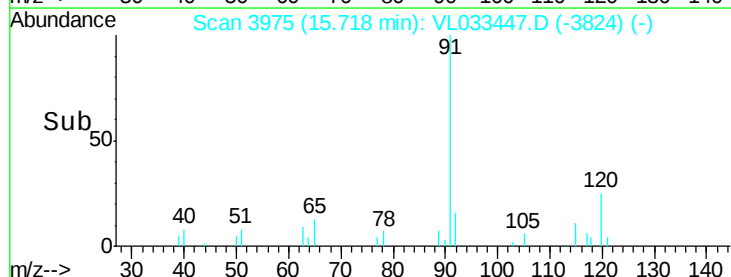
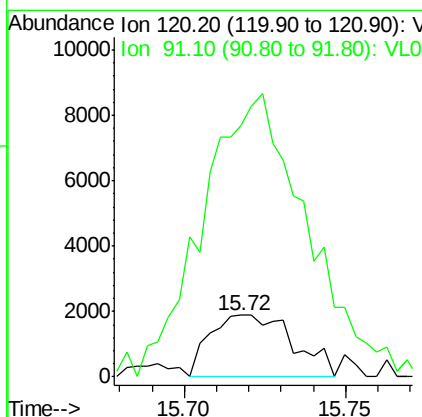
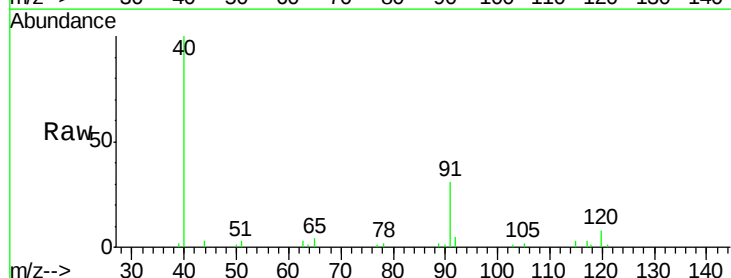
RT: 15.72 min Scan# 3975

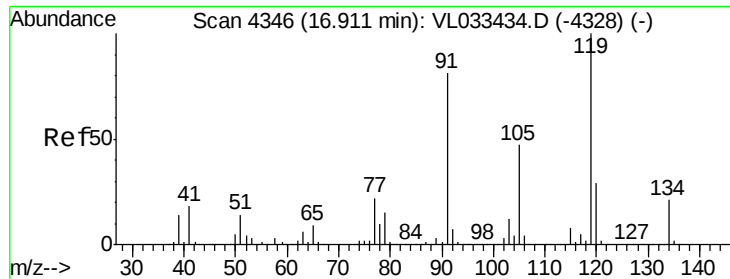
Delta R.T. -0.01 min

Lab File: VL033447.D

Acq: 25 Mar 2019 22:06

Tgt Ion:	120	Resp:	3393
Ion	Ratio	Lower	Upper
120	100		
91	587.2	387.4	581.2#





#65

tert-Butylbenzene

Concen: 0.057 ppbv m

RT: 16.91 min Scan# 4345

Delta R.T. -0.00 min

Lab File: VL033447.D

Acq: 25 Mar 2019 22:06

Instrument :

MSVOA_L

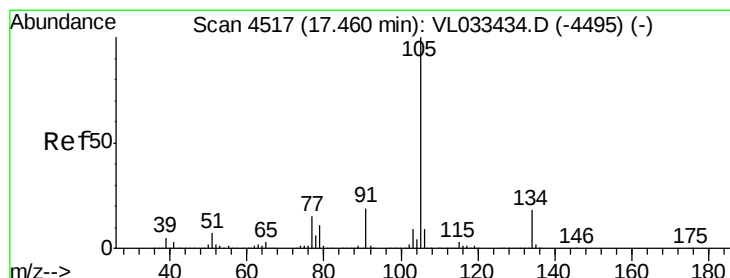
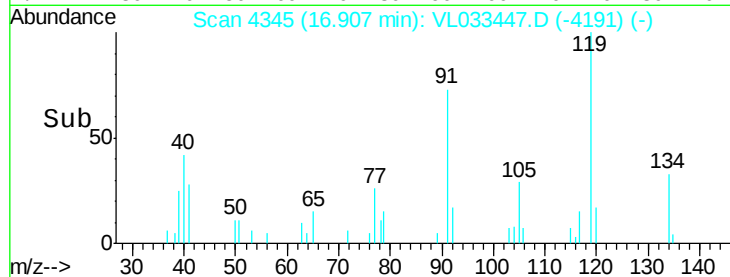
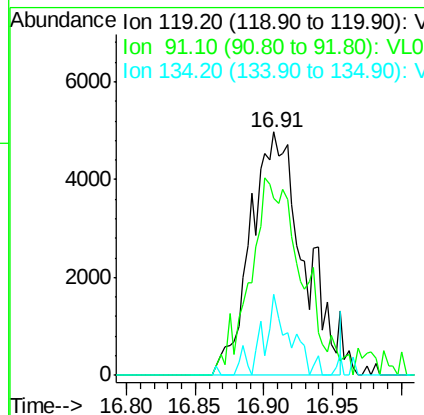
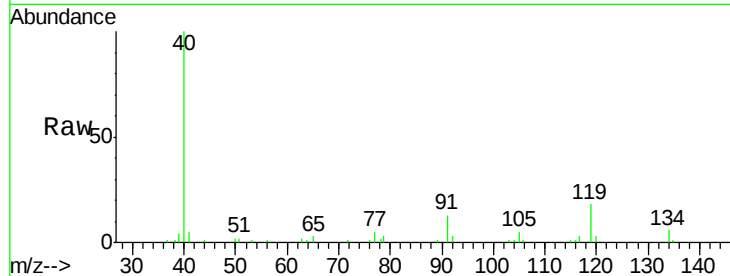
ClientSampleId :

LOD-MDL-AIR-01-QT1-2019

Tot Ion	Ratio	Lower	Upper
119	100		
91	0.0	66.4	99.6#
134	17.2	15.5	23.3

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#67

sec-Butylbenzene

Concen: 0.052 ppbv m

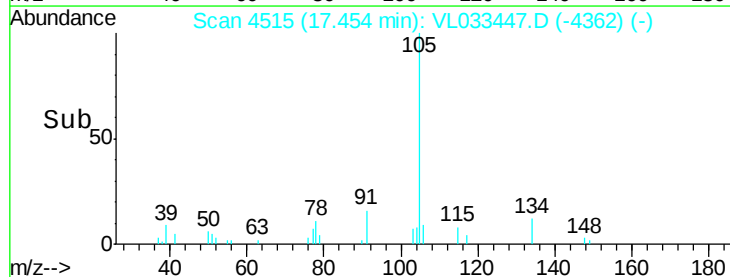
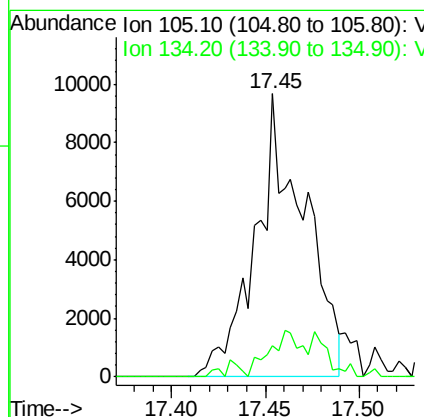
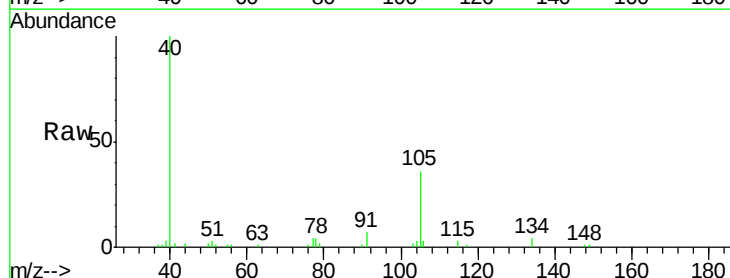
RT: 17.45 min Scan# 4515

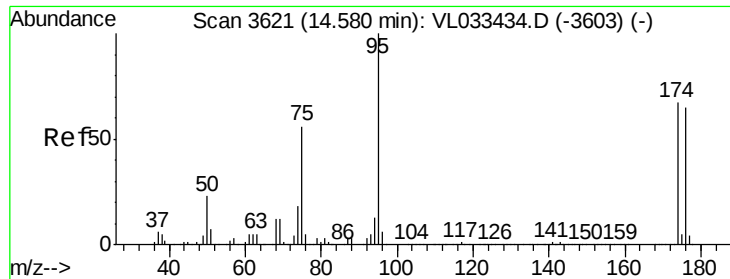
Delta R.T. -0.01 min

Lab File: VL033447.D

Acq: 25 Mar 2019 22:06

Tgt Ion	Ratio	Lower	Upper
105	100		
134	0.0	14.6	21.8#





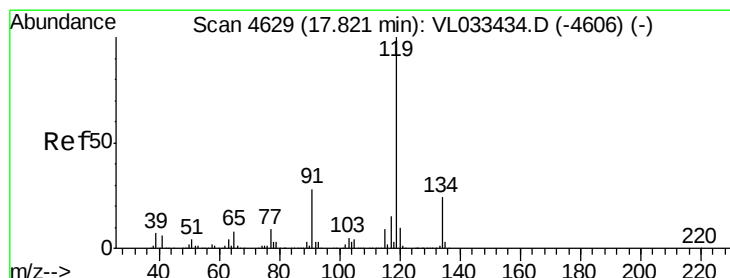
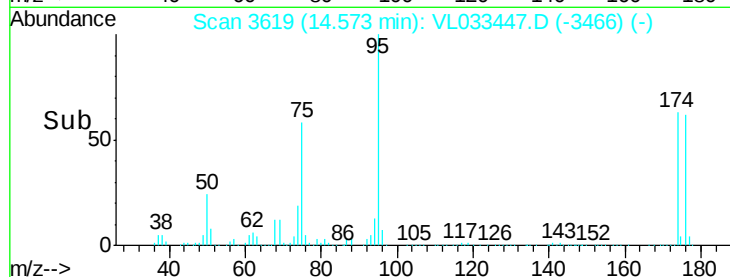
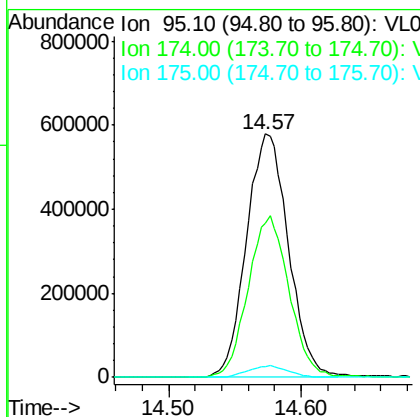
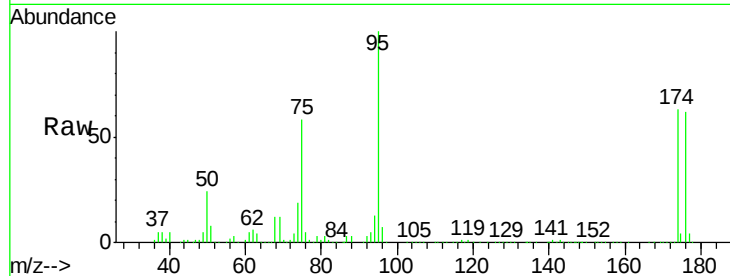
#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.976 ppbv
 RT: 14.57 min Scan# 3619
 Delta R.T. -0.01 min
 Lab File: VL033447.D
 Acq: 25 Mar 2019 22:06

Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT1-2019

Tot Ion: 95 Resp: 1270491
 Ion Ratio Lower Upper
 95 100
 174 65.1 52.9 79.3
 175 4.8 3.8 5.6

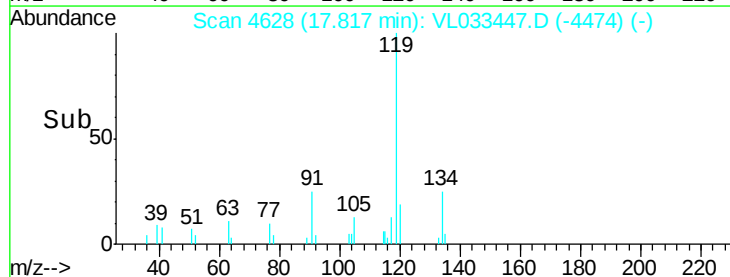
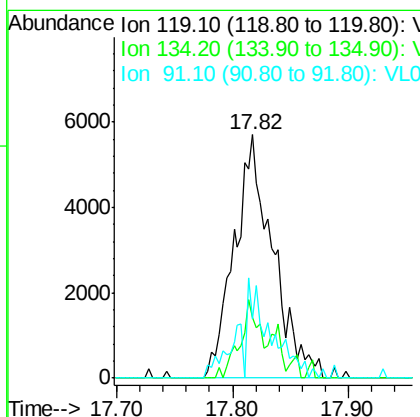
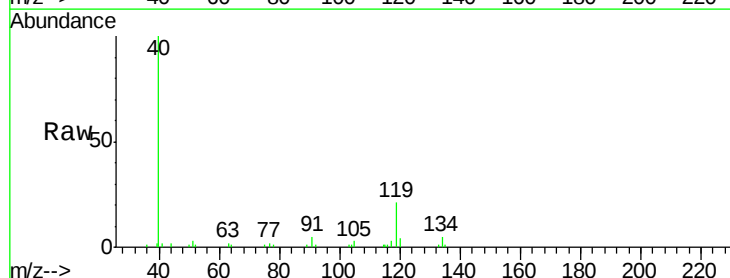
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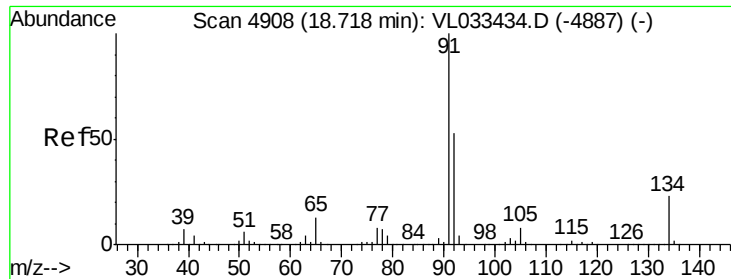
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#69
 p-Isopropyltoluene
 Concen: 0.049 ppbv m
 RT: 17.82 min Scan# 4628
 Delta R.T. -0.00 min
 Lab File: VL033447.D
 Acq: 25 Mar 2019 22:06

Tgt Ion: 119 Resp: 13190
 Ion Ratio Lower Upper
 119 100
 134 25.6 19.9 29.9
 91 33.0 23.4 35.0





#70

n-Butylbenzene

Concen: 0.055 ppbv m

RT: 18.72 min Scan# 4909

Delta R.T. 0.00 min

Lab File: VL033447.D

Acq: 25 Mar 2019 22:06

Instrument :

MSVOA_L

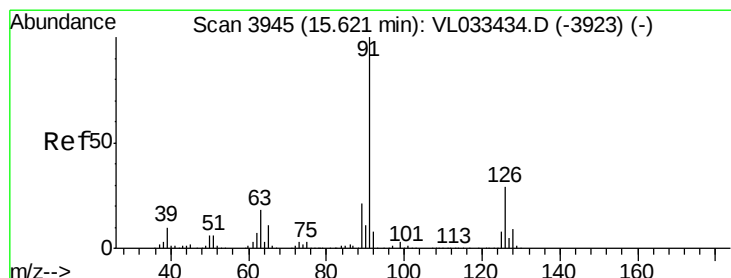
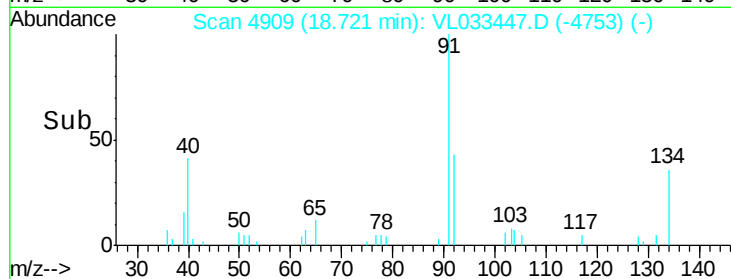
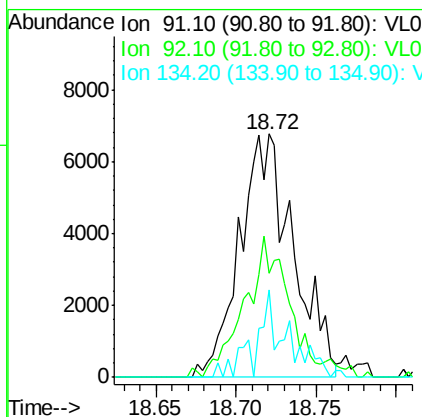
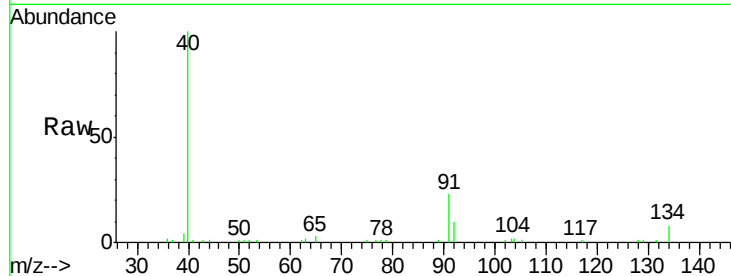
ClientSampleId :

LOD-MDL-AIR-01-QT1-2019

Tot Ion	Ratio	Lower	Upper
91	100		
92	50.4	42.6	64.0
134	0.0	17.5	26.3

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#71

2-Chlorotoluene

Concen: 0.065 ppbv m

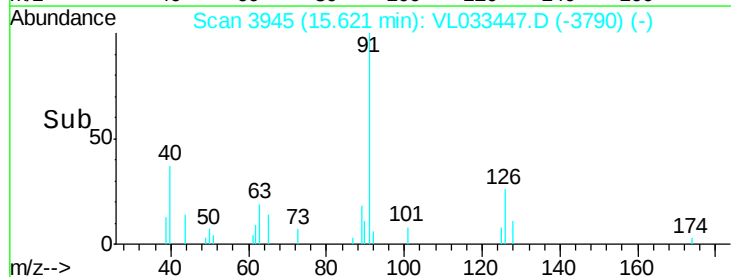
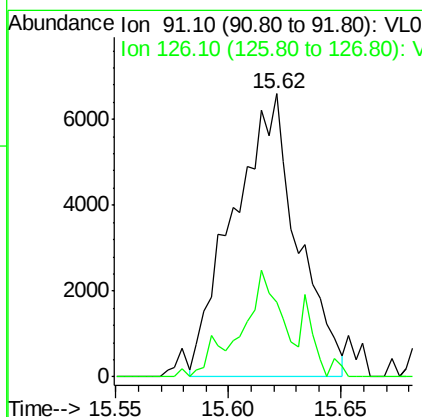
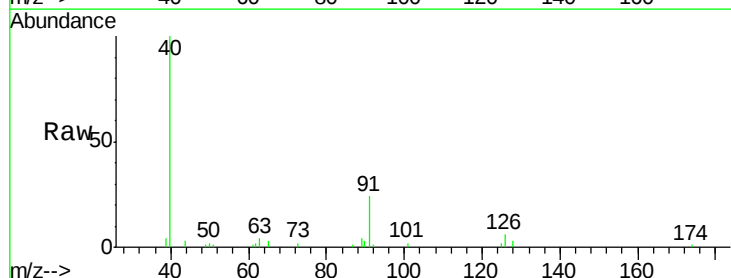
RT: 15.62 min Scan# 3945

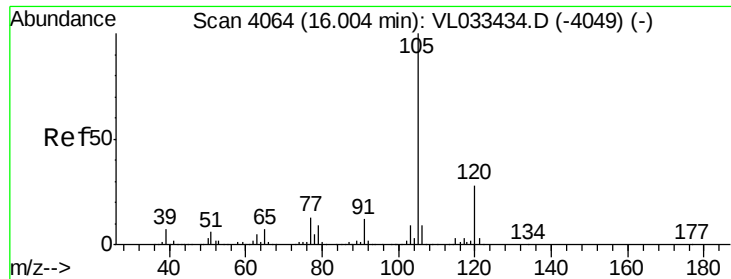
Delta R.T. -0.00 min

Lab File: VL033447.D

Acq: 25 Mar 2019 22:06

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.3	11.7	46.9





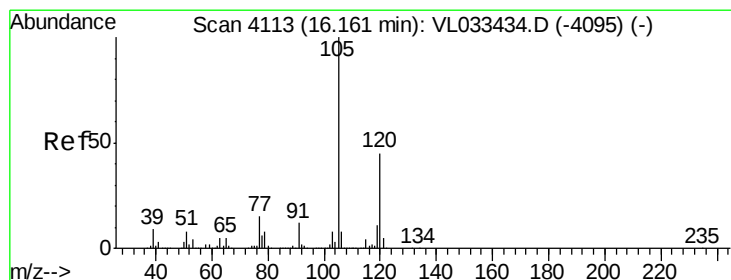
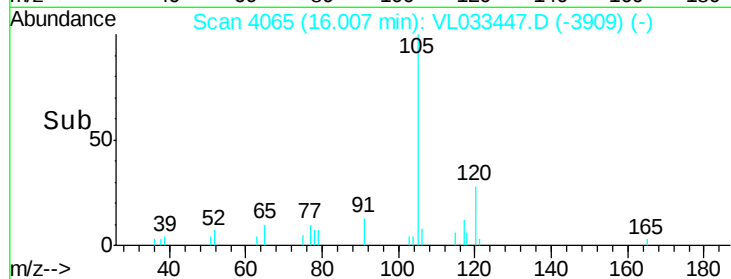
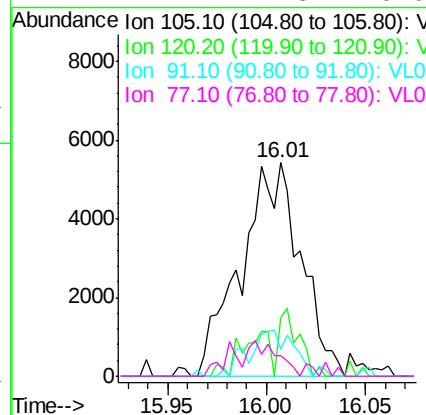
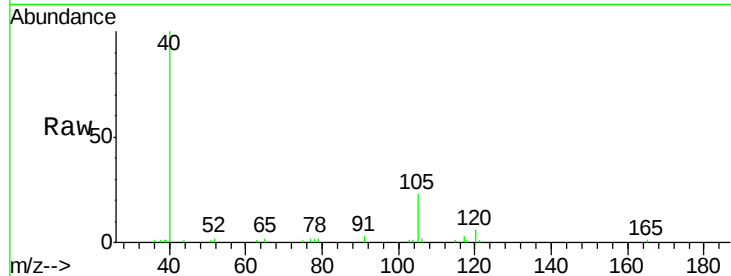
#72
4-Ethyltoluene
Concen: 0.054 ppbv m
RT: 16.01 min Scan# 4065
Delta R.T. 0.00 min
Lab File: VL033447.D
Acq: 25 Mar 2019 22:06

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2019

Tot Ion	Ratio	Lower	Upper
105	100		
120	0.0	23.2	34.8#
91	0.0	10.4	15.6#
77	14.1	11.3	16.9

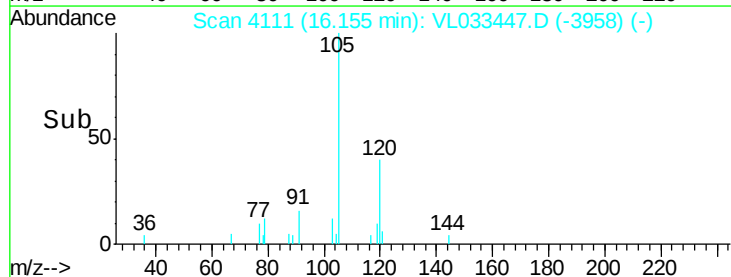
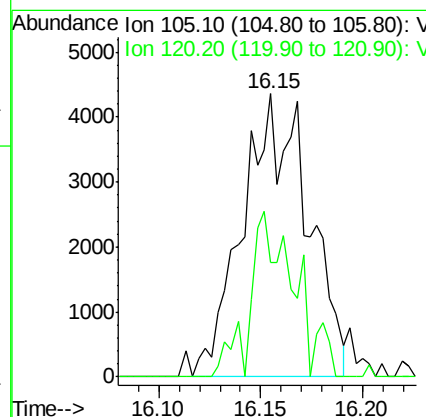
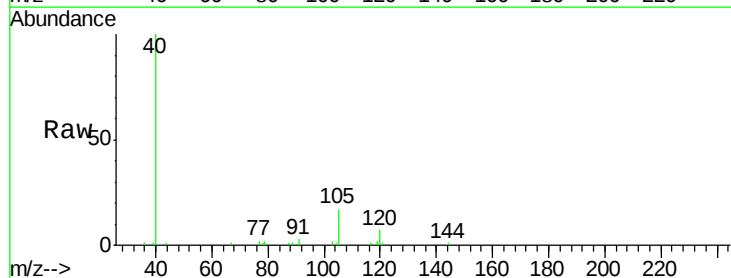
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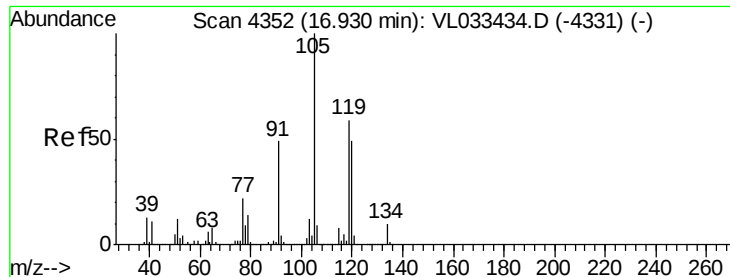
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#73
1,3,5-Trimethylbenzene
Concen: 0.048 ppbv m
RT: 16.15 min Scan# 4111
Delta R.T. -0.01 min
Lab File: VL033447.D
Acq: 25 Mar 2019 22:06

Tgt Ion	Ratio	Lower	Upper
105	100		
120	40.4	35.7	53.5





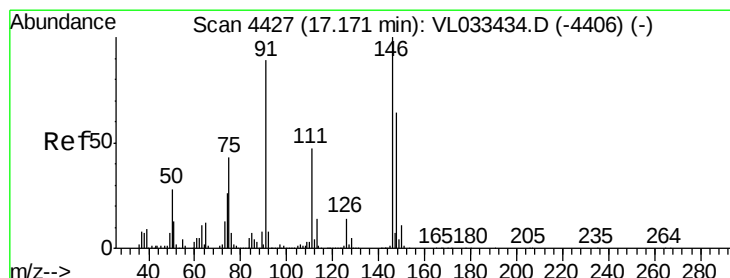
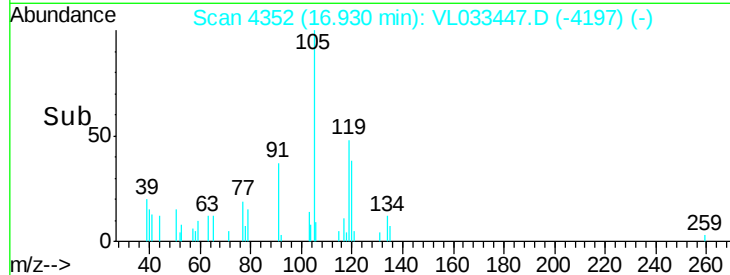
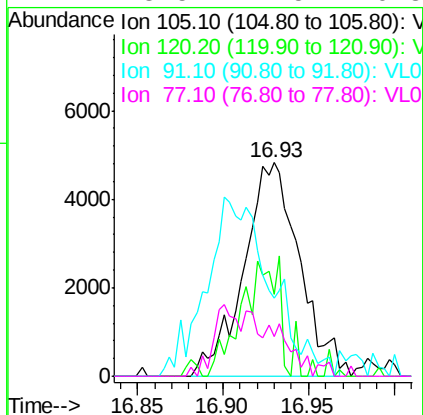
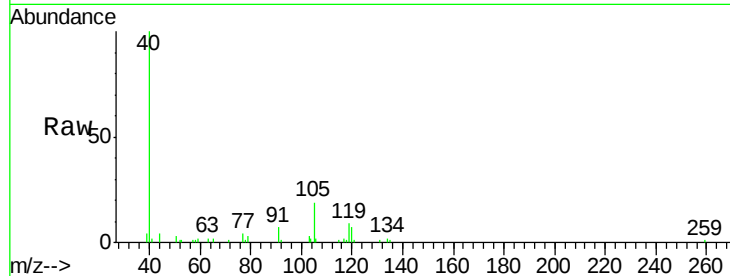
#74
 1,2,4-Trimethylbenzene
 Concen: 0.051 ppbv m
 RT: 16.93 min Scan# 4352
 Delta R.T. -0.00 min
 Lab File: VL033447.D
 Acq: 25 Mar 2019 22:06

Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT1-2019

Tot Ion	Ratio	Lower	Upper
105	100		
120	38.3	39.0	58.6#
91	36.6	40.0	60.0#
77	18.5	17.5	26.3

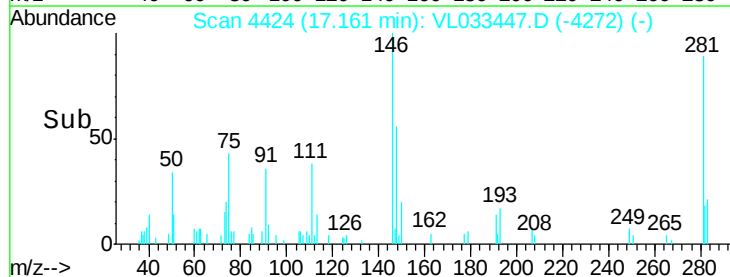
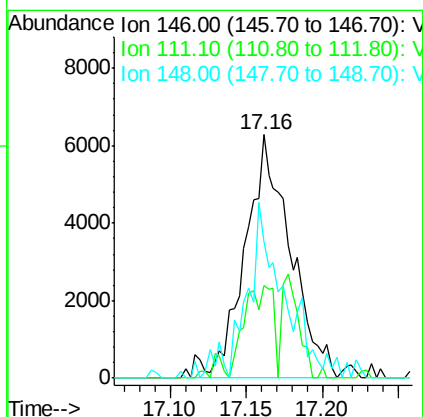
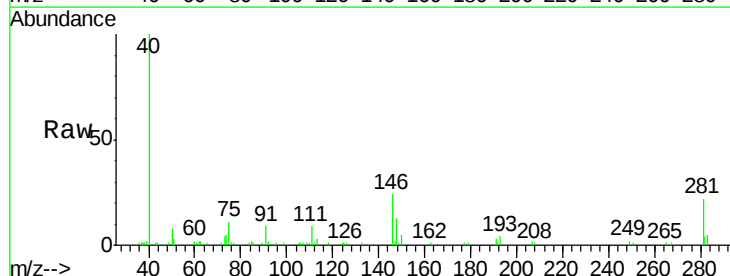
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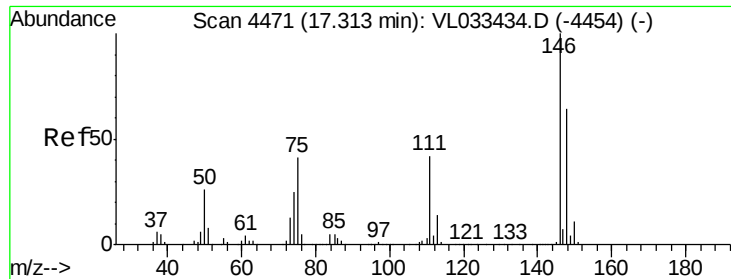
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#75
 1,3-Dichlorobenzene
 Concen: 0.098 ppbv m
 RT: 17.16 min Scan# 4424
 Delta R.T. -0.01 min
 Lab File: VL033447.D
 Acq: 25 Mar 2019 22:06

Tgt Ion	Ratio	Lower	Upper
146	100		
111	0.0	22.9	68.8#
148	61.3	32.0	96.2





#76

1,4-Dichlorobenzene

Concen: 0.075 ppbv

RT: 17.31 min Scan# 4470

Delta R.T. -0.00 min

Lab File: VL033447.D

Acq: 25 Mar 2019 22:06

Instrument :

MSVOA_L

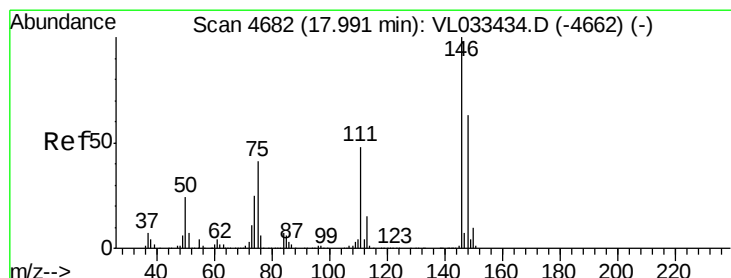
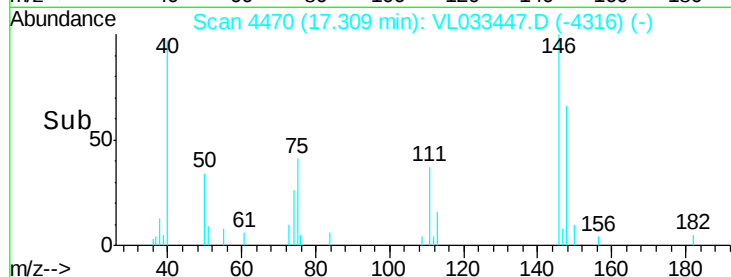
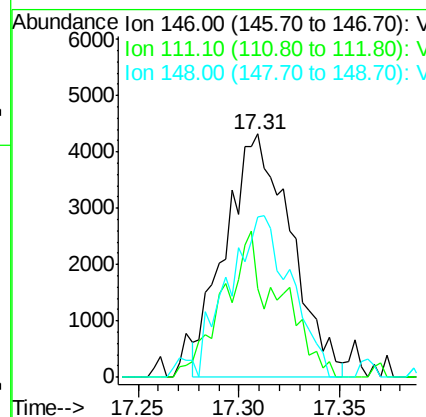
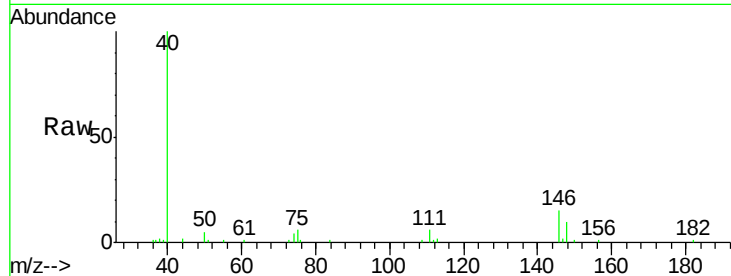
ClientSampleId :

LOD-MDL-AIR-01-QT1-2019

Tot Ion:	146	Resp:	9789
Ion	Ratio	Lower	Upper
146	100		
111	51.2	21.7	65.1
148	65.1	32.0	96.2

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#77

1,2-Dichlorobenzene

Concen: 0.080 ppbv m

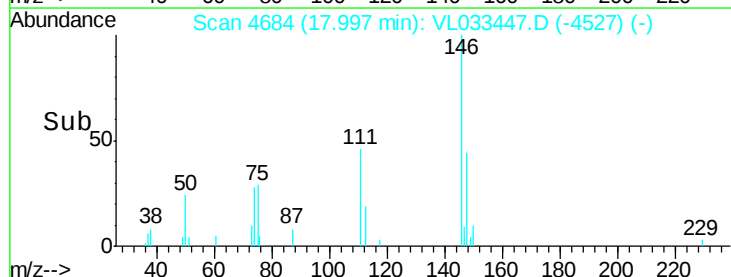
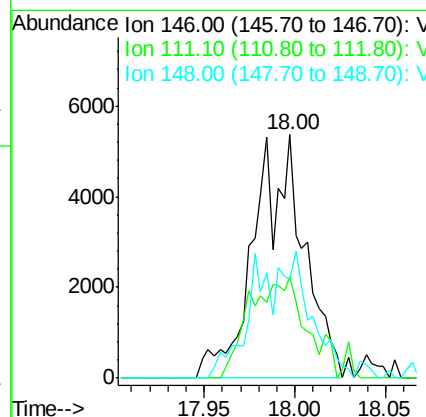
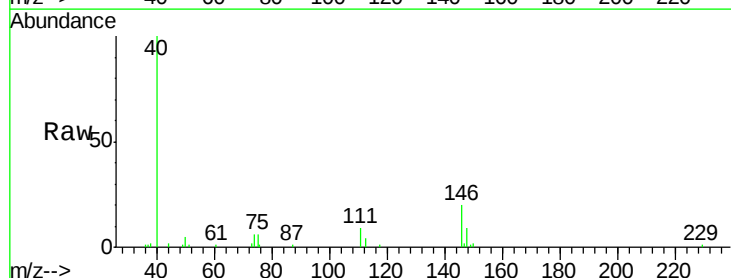
RT: 18.00 min Scan# 4684

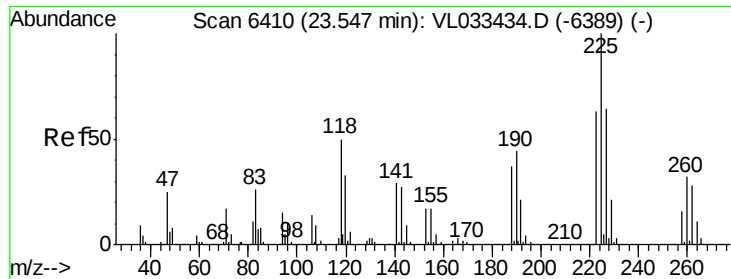
Delta R.T. 0.01 min

Lab File: VL033447.D

Acq: 25 Mar 2019 22:06

Tgt Ion:	146	Resp:	10122
Ion	Ratio	Lower	Upper
146	100		
111	0.0	23.5	70.5#
148	0.0	32.0	96.0#





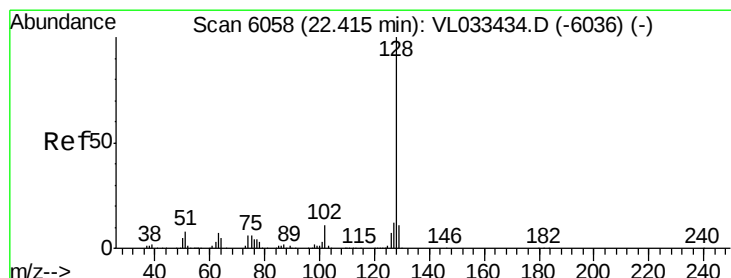
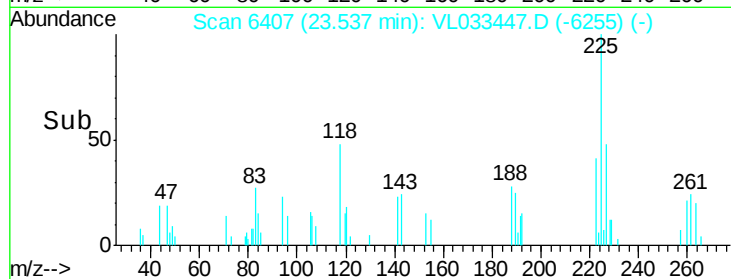
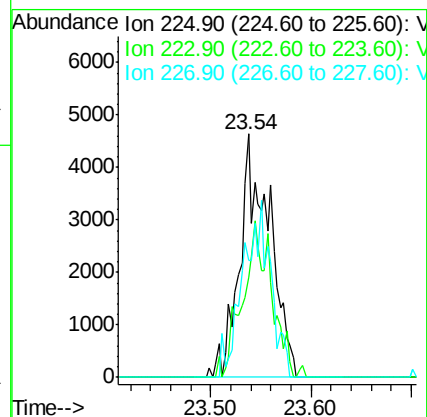
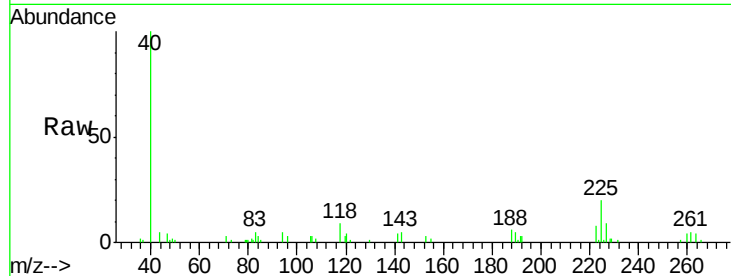
#78
Hexachloro-1,3-Butadiene
Concen: 0.114 ppbv m
RT: 23.54 min Scan# 6407
Delta R.T. -0.01 min
Lab File: VL033447.D
Acq: 25 Mar 2019 22:06

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2019

Tot Ion	Ratio	Lower	Upper
225	100		
223	62.7	50.0	75.0
227	0.0	51.1	76.7#

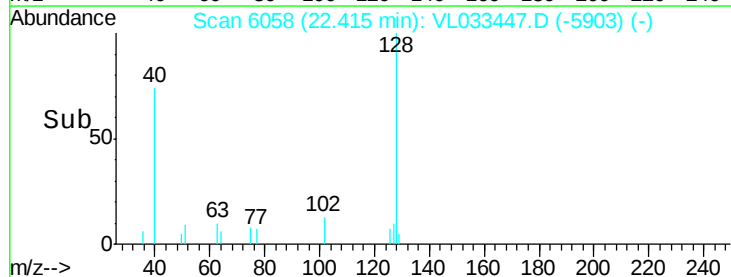
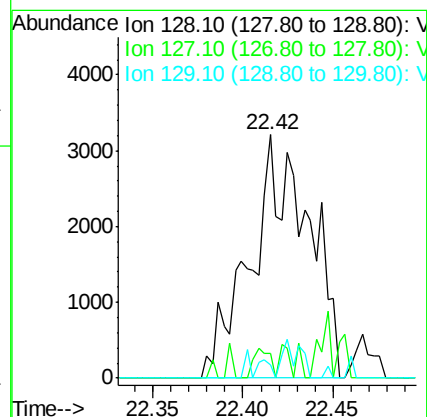
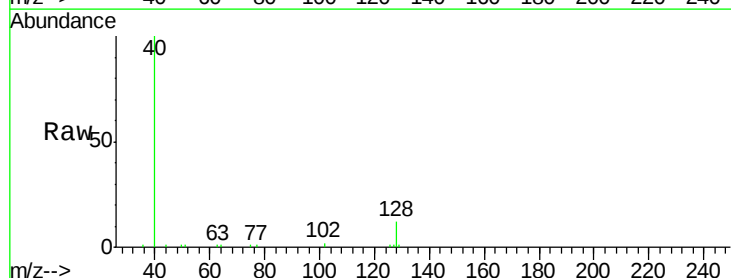
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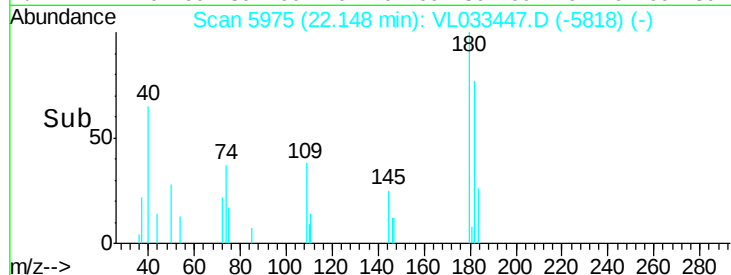
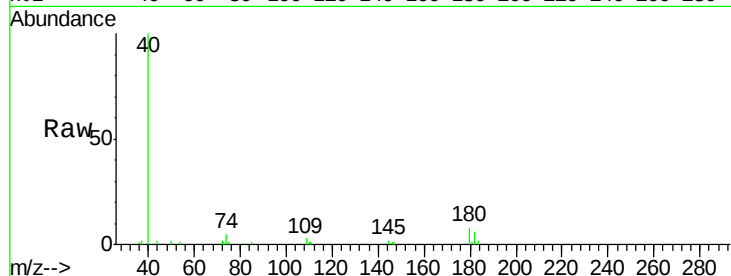
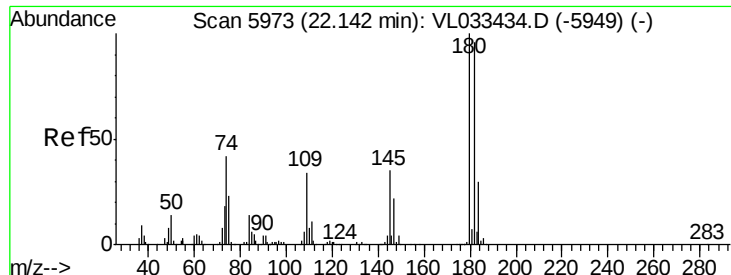
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#79
Naphthalene
Concen: 0.039 ppbv m
RT: 22.42 min Scan# 6058
Delta R.T. -0.00 min
Lab File: VL033447.D
Acq: 25 Mar 2019 22:06

Tgt Ion	Ratio	Lower	Upper
128	100		
127	10.4	9.8	14.8
129	5.4	8.6	12.8#





#81
 1,2,4-Trichlorobenzene
 Concen: 0.048 ppbv m
 RT: 22.15 min Scan# 5975
 Delta R.T. 0.01 min
 Lab File: VL033447.D
 Acq: 25 Mar 2019 22:06

Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT1-2019

Tot Ion	Ratio	Lower	Upper
180	100		
182	0.0	77.0	115.4#
184	0.0	24.6	36.8#

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