

Data File : VL034859.D
Acq On : 10 Mar 2020 4:21
Operator : SY/AP
Sample : L1161-13 0.1 LOD
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2020

Quant Time: Mar 10 09:42:16 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL030920AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Mar 09 16:42:53 2020
QLast Update : Mon Mar 09 16:42:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	879204	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	1967025	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.11	117	1916548	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.44	95	1557729	10.42	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.20%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.15	85	15279	0.127	ppbv	94
3) Chlorodifluoromethane	2.95	51	10961	0.112	ppbv #	85
4) Chloromethane	3.11	50	3994	0.072	ppbv	89
5) Vinyl Chloride	3.22	62	4620	0.087	ppbv	94
6) Bromomethane	3.43	94	1378	0.044	ppbv #	62
7) Chloroethane	3.51	64	480	0.025	ppbv #	44
8) Dichlorotetrafluoroethane	3.15	85	15279	0.122	ppbv	100
9) Propene	2.97	41	5205	0.111	ppbv	96
10) Heptane	8.12	43	8395	0.073	ppbv #	73
11) Trichlorofluoromethane	3.92	101	14310	0.112	ppbv	99
12) 1,1,2-Trichlorotrifluoroet	4.46	101	6599	0.074	ppbv #	35
13) Ethanol	3.58	45	400	0.028	ppbv #	35
14) Bromoethene	3.71	108	2094	0.054	ppbv #	1
15) Acetone	3.84	43	11761	0.103	ppbv #	49
16) 1,3-Butadiene	3.29	39	4908	0.095	ppbv	90
17) tert-Butyl alcohol	4.30	59	13754	0.125	ppbv #	94
18) 1,1-Dichloroethene	4.26	96	406	0.010	ppbv #	1
20) Methylene Chloride	4.31	84	2404	0.067	ppbv	91
21) Allyl Chloride	4.38	41	3883	0.053	ppbv #	15
22) trans-1,2-Dichloroethene	4.87	96	4421	0.110	ppbv #	73
23) Vinyl Acetate	5.06	43	5797	0.034	ppbv #	86
24) 1,1-Dichloroethane	4.99	63	12763	0.113	ppbv	97
25) Ethyl Acetate	5.67	43	10022	0.049	ppbv #	69
26) Hexane	5.66	57	2796	0.032	ppbv #	1
27) Carbon Disulfide	4.52	76	2236	0.023	ppbv #	2
28) Methyl tert-Butyl Ether	5.03	73	5305	0.036	ppbv #	53
29) Chloroform	5.74	83	10657	0.080	ppbv	90
30) Cyclohexane	7.12	84	1964	0.027	ppbv #	1
31) cis-1,2-Dichloroethene	5.53	61	2741	0.031	ppbv #	71
32) 1,1,1-Trichloroethane	6.50	97	7331	0.056	ppbv #	22
35) Carbon Tetrachloride	7.02	117	4107	0.034	ppbv #	77
36) Benzene	6.89	78	6771	0.039	ppbv #	78
37) 1,2-Dichloroethane	6.29	62	7621	0.077	ppbv #	81
38) Trichloroethene	7.84	130	3255	0.049	ppbv #	38
39) 1,2-Dichloropropane	7.17	63	519185	7.474	ppbv #	24
42) Bromodichloromethane	7.79	83	3482	0.026	ppbv #	24
43) Methyl Methacrylate	8.02	69	2500	0.034	ppbv #	1
44) 2,2,4-Trimethylpentane	7.87	57	17950	0.061	ppbv #	63
45) t-1,3-Dichloropropene	9.28	75	2024	0.023	ppbv	90
46) cis-1,3-Dichloropropene	8.71	75	2548	0.025	ppbv #	81
47) 1,1,2-Trichloroethane	9.49	97	5641	0.079	ppbv	92

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Response via : Initial Calibration

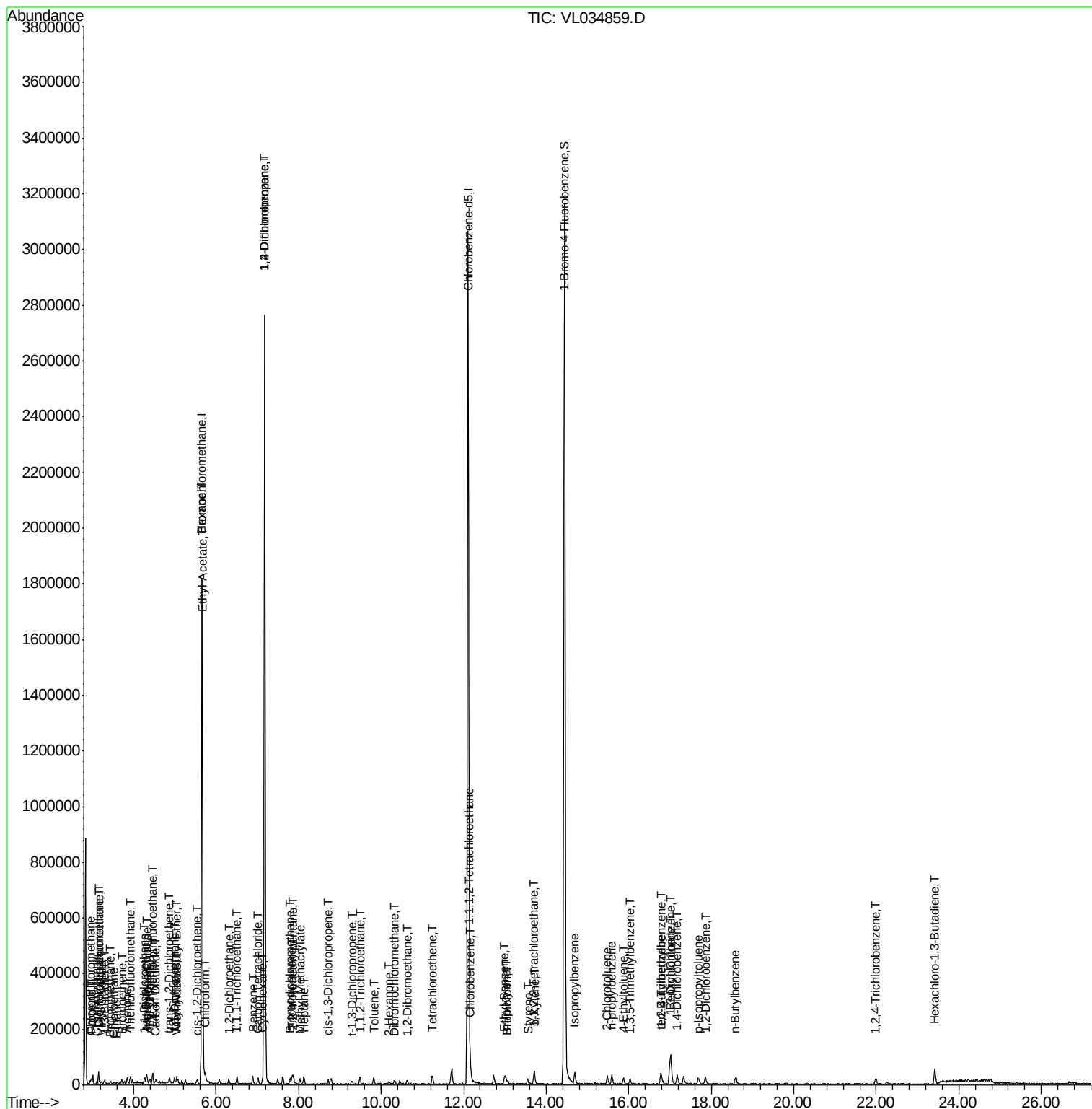
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
48) Dibromochloromethane	10.33	129	1638	0.014	ppbv #	1
49) Bromoform	13.07	173	1313	0.013	ppbv #	1
51) 2-Hexanone	10.18	43	3078	0.020	ppbv #	29
52) Tetrachloroethene	11.26	164	1523	0.022	ppbv #	91
53) Toluene	9.82	91	11093	0.055	ppbv #	53
54) 1,2-Dibromoethane	10.63	107	3554	0.033	ppbv #	77
56) 1,1,1,2-Tetrachloroethane	12.15	131	3308	0.038	ppbv #	1
57) Chlorobenzene	12.17	112	7213	0.048	ppbv #	82
58) Ethyl Benzene	12.98	91	4543	0.018	ppbv #	94
59) m/p-Xylene	13.02	91	8280	0.038	ppbv #	30
60) o-Xylene	13.72	91	2902	0.014	ppbv #	1
61) Styrene	13.56	104	1755	0.012	ppbv #	28
62) Isopropylbenzene	14.69	105	8511	0.027	ppbv #	1
63) 1,1,2,2-Tetrachloroethane	13.70	83	5396	0.037	ppbv #	1
64) n-propylbenzene	15.59	120	1259	0.015	ppbv #	1
65) tert-Butylbenzene	16.77	119	5075	0.018	ppbv #	18
66) Benzyl Chloride	17.02	91	1857	0.016	ppbv #	68
69) p-Isopropyltoluene	17.69	119	5348	0.016	ppbv #	1
70) n-Butylbenzene	18.58	91	5139	0.015	ppbv #	32
71) 2-Chlorotoluene	15.49	91	15542	0.064	ppbv #	76
72) 4-Ethyltoluene	15.87	105	7668	0.031	ppbv #	55
73) 1,3,5-Trimethylbenzene	16.03	105	7578	0.032	ppbv #	74
74) 1,2,4-Trimethylbenzene	16.80	105	4583	0.019	ppbv #	79
75) 1,3-Dichlorobenzene	17.03	146	5817	0.040	ppbv #	1
76) 1,4-Dichlorobenzene	17.17	146	2679	0.018	ppbv #	23
77) 1,2-Dichlorobenzene	17.85	146	1620	0.011	ppbv #	1
78) Hexachloro-1,3-Butadiene	23.42	225	6436	0.055	ppbv #	3
81) 1,2,4-Trichlorobenzene	21.99	180	1703	0.014	ppbv #	1

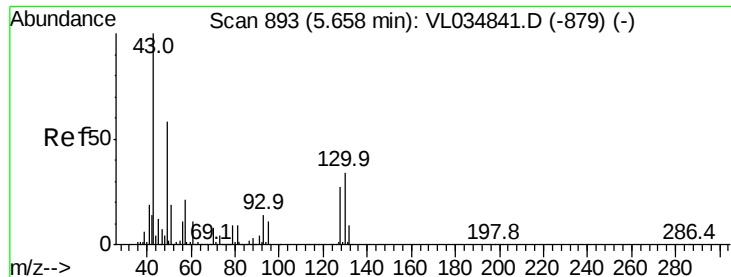
(#) = qualifier out of range (m) = manual integration (+) = signals summed

ALS Vial : 1 Sample Multiplier: 1

LOD-MDL-AIR-01-QT1-2020

Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 891

Delta R.T. -0.01 min

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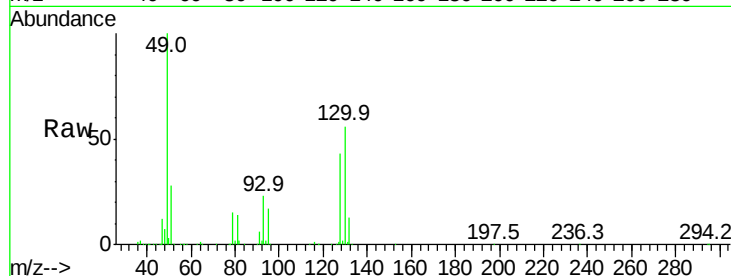
Tgt Ion: 49 Resp: 879204

Ion Ratio Lower Upper

49 100

128 45.6 23.4 70.3

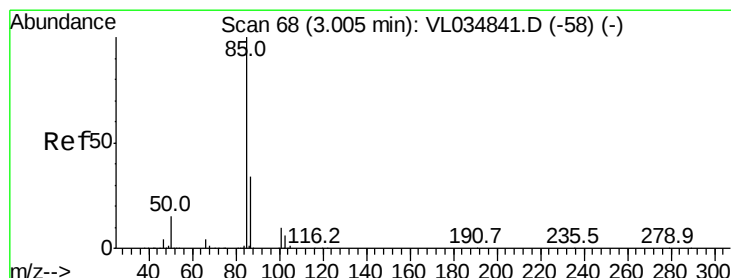
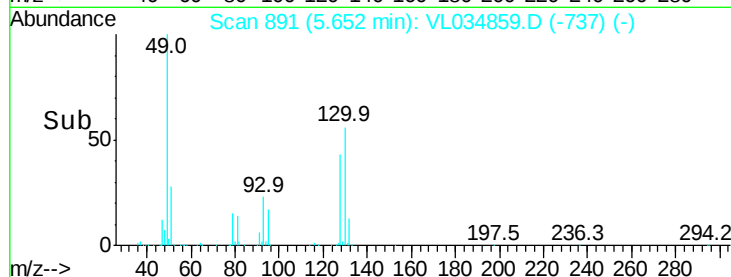
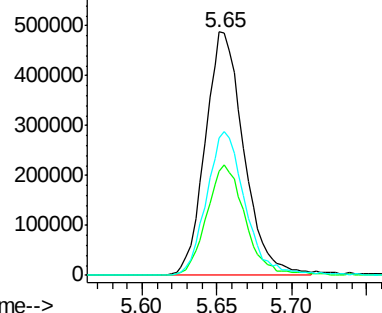
130 59.6 30.0 90.0



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



#2

Dichlorodifluoromethane

Concen: 0.127 ppbv

RT: 3.15 min Scan# 113

Delta R.T. 0.14 min

Lab File: VL034859.D

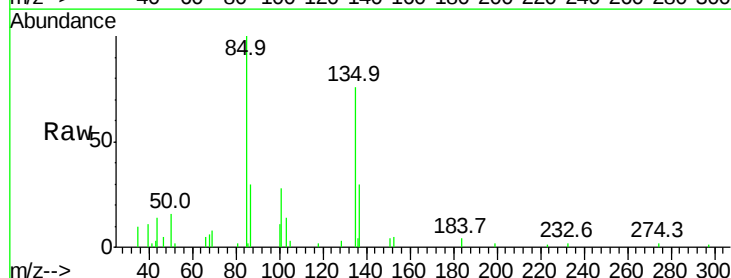
Acq: 10 Mar 2020 4:21

Tgt Ion: 85 Resp: 15279

Ion Ratio Lower Upper

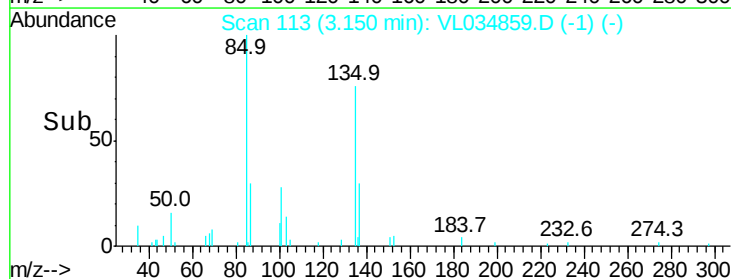
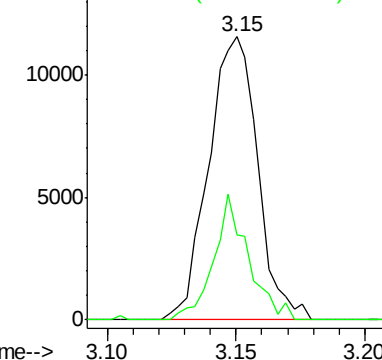
85 100

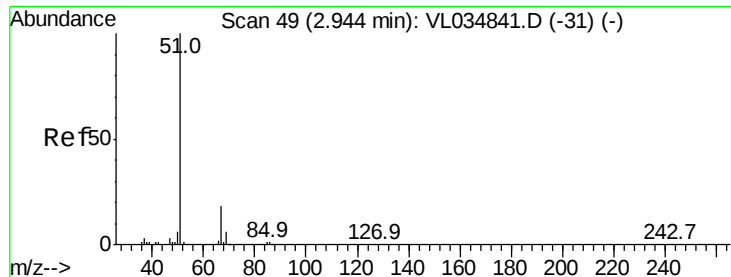
87 30.2 26.9 40.3



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 0.112 ppbv

RT: 2.95 min Scan# 50

Delta R.T. 0.00 min

Lab File: VL034859.D

Acq: 10 Mar 2020 4:21

Instrument :

MSVOA_L

ClientSampleId :

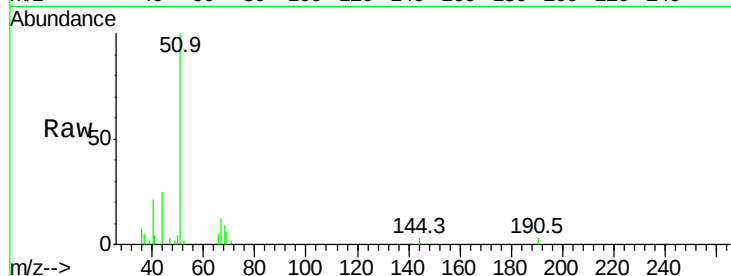
LOD-MDL-AIR-01-QT1-2020

Tgt Ion: 51 Resp: 10961

Ion Ratio Lower Upper

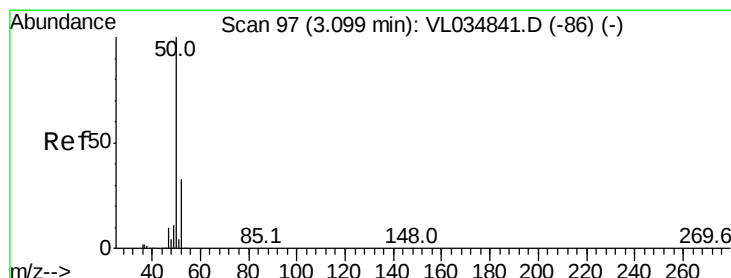
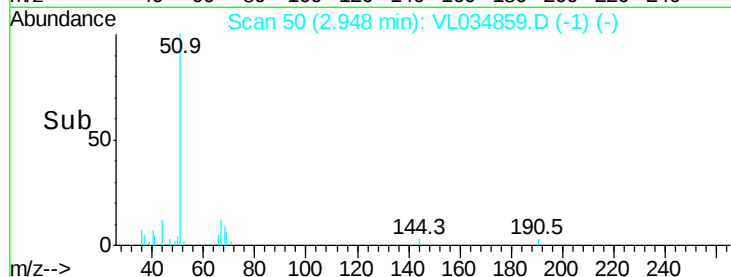
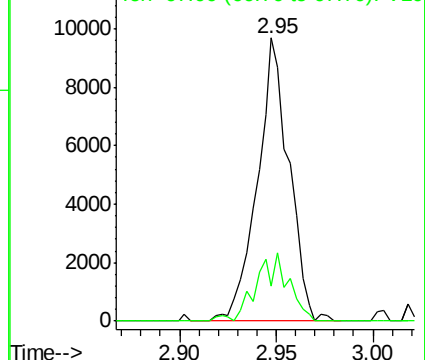
51 100

67 24.6 14.3 21.5#



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0



#4

Chloromethane

Concen: 0.072 ppbv

RT: 3.11 min Scan# 99

Delta R.T. 0.01 min

Lab File: VL034859.D

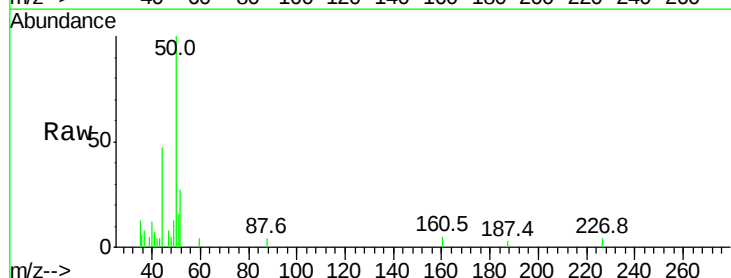
Acq: 10 Mar 2020 4:21

Tgt Ion: 50 Resp: 3994

Ion Ratio Lower Upper

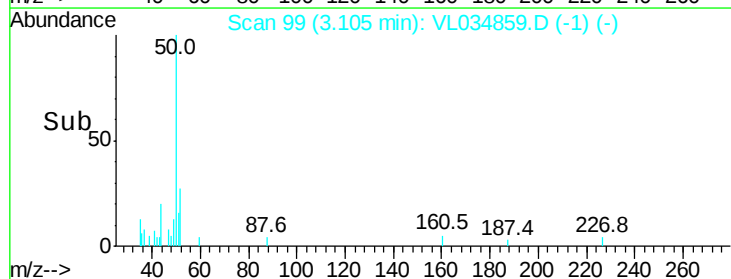
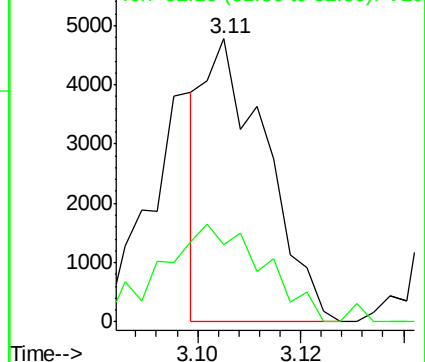
50 100

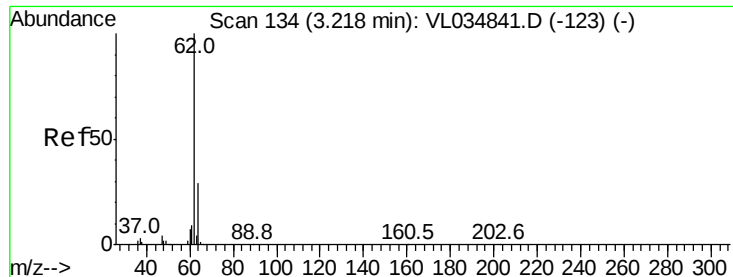
52 27.4 26.8 40.2



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0





#5

Vinyl Chloride

Concen: 0.087 ppbv

RT: 3.22 min Scan# 135

Delta R.T. 0.00 min

Lab File: VL034859.D

Acq: 10 Mar 2020 4:21

Instrument :

MSVOA_L

ClientSampleId :

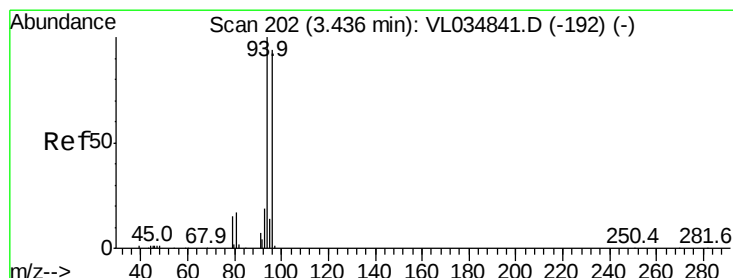
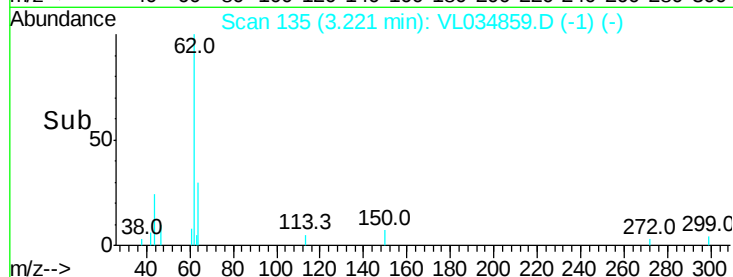
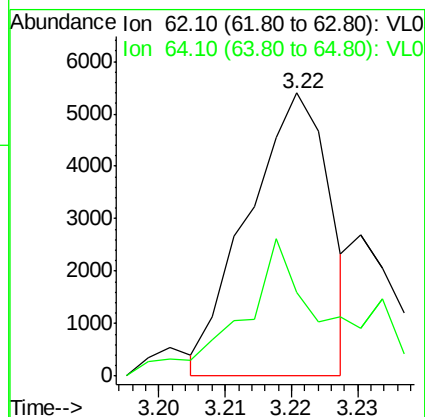
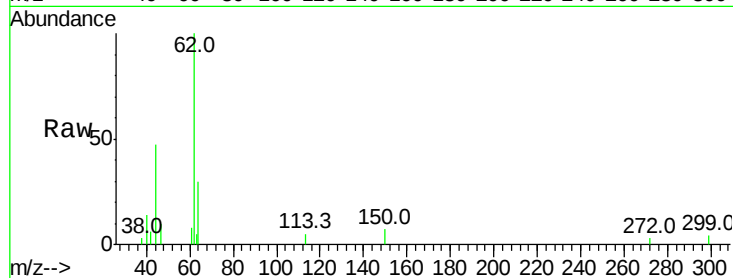
LOD-MDL-AIR-01-QT1-2020

Tgt Ion: 62 Resp: 4620

Ion Ratio Lower Upper

62 100

64 25.7 23.0 34.4



#6

Bromomethane

Concen: 0.044 ppbv

RT: 3.43 min Scan# 201

Delta R.T. -0.00 min

Lab File: VL034859.D

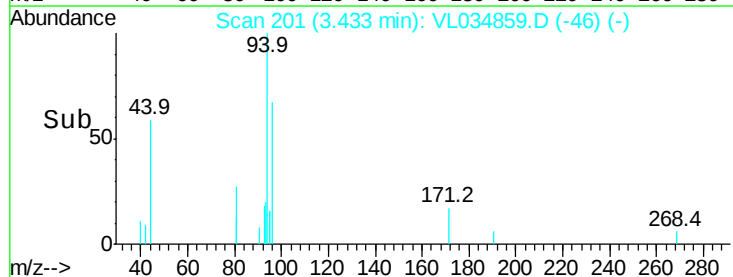
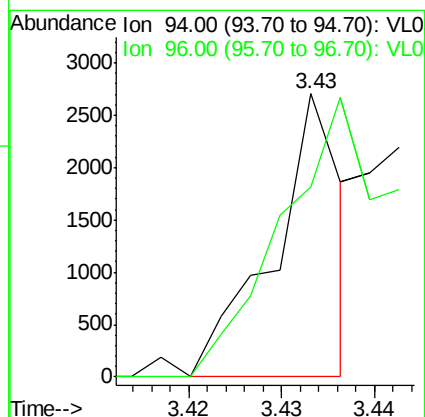
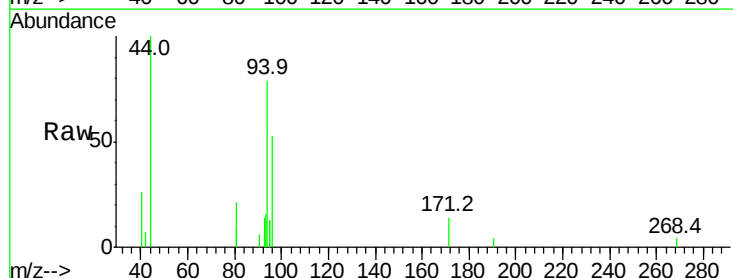
Acq: 10 Mar 2020 4:21

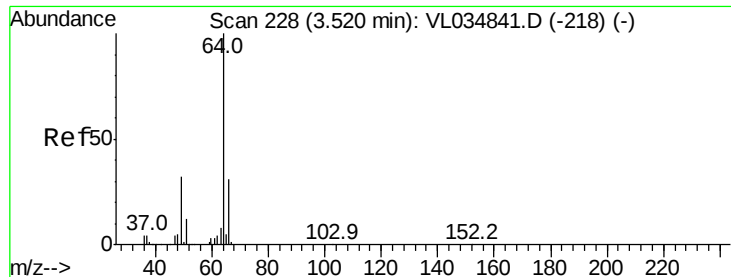
Tgt Ion: 94 Resp: 1378

Ion Ratio Lower Upper

94 100

96 57.8 75.5 113.3#





#7

Chloroethane

Concen: 0.025 ppbv

RT: 3.51 min Scan# 226

Delta R.T. -0.01 min

Lab File: VL034859.D

Acq: 10 Mar 2020 4:21

Instrument :

MSVOA_L

ClientSampleId :

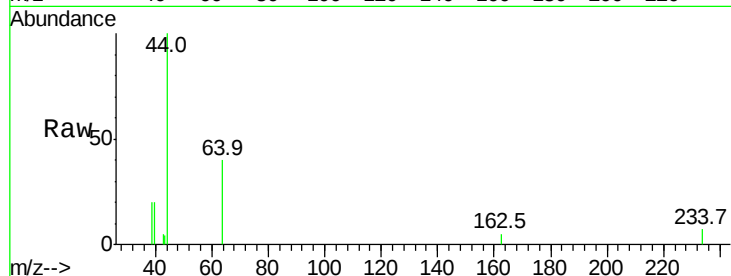
LOD-MDL-AIR-01-QT1-2020

Tgt Ion: 64 Resp: 480

Ion Ratio Lower Upper

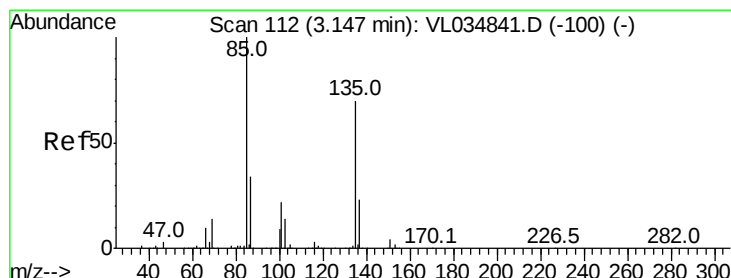
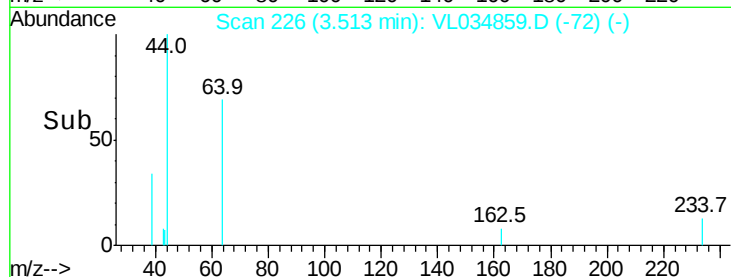
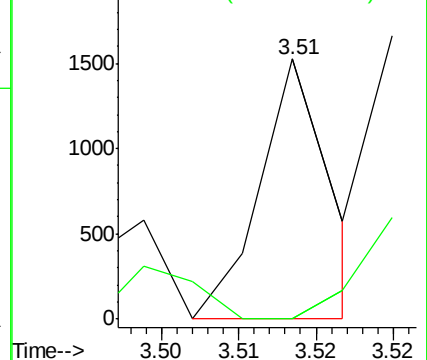
64 100

66 0.0 24.8 37.2#



Abundance Ion 64.10 (63.80 to 64.80): VL0

Ion 66.10 (65.80 to 66.80): VL0



#8

Dichlorotetrafluoroethane

Concen: 0.122 ppbv

RT: 3.15 min Scan# 113

Delta R.T. 0.00 min

Lab File: VL034859.D

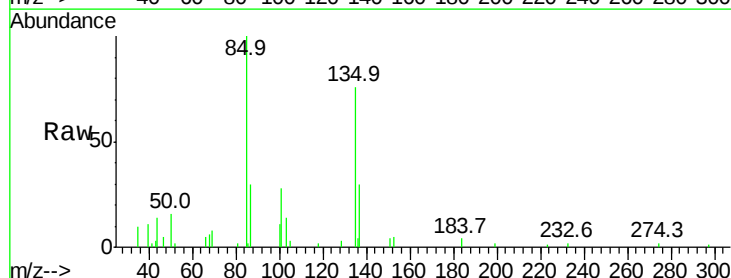
Acq: 10 Mar 2020 4:21

Tgt Ion: 85 Resp: 15279

Ion Ratio Lower Upper

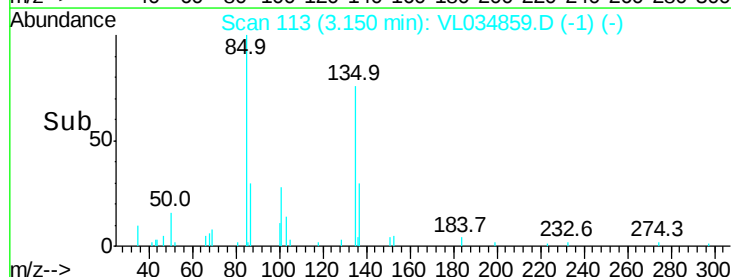
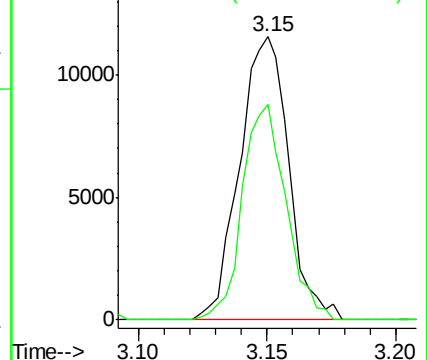
85 100

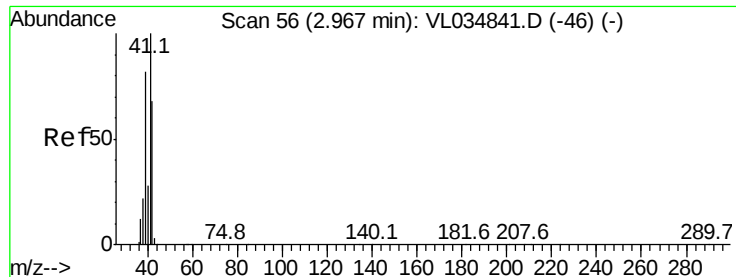
135 67.9 54.3 81.5



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 135.00 (134.70 to 135.70): V





#9

Propene

Concen: 0.111 ppbv

RT: 2.97 min Scan# 56

Delta R.T. 0.00 min

Lab File: VL034859.D

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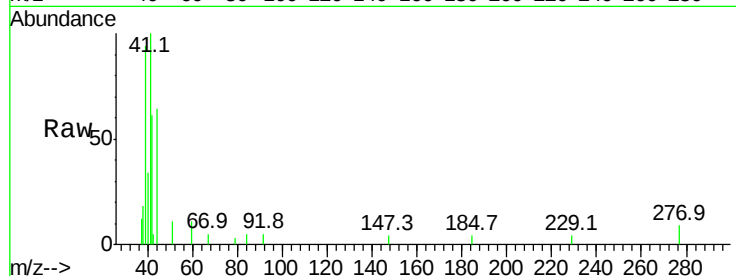
LOD-MDL-AIR-01-QT1-2020

Tgt Ion: 41 Resp: 5205

Ion Ratio Lower Upper

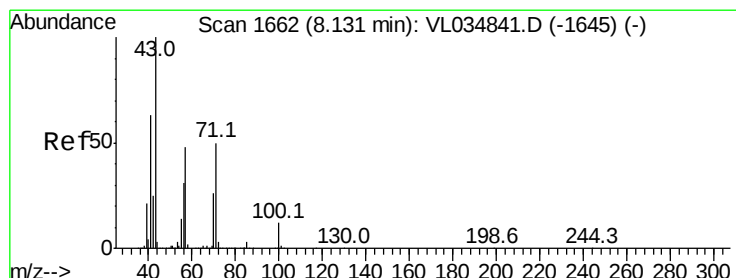
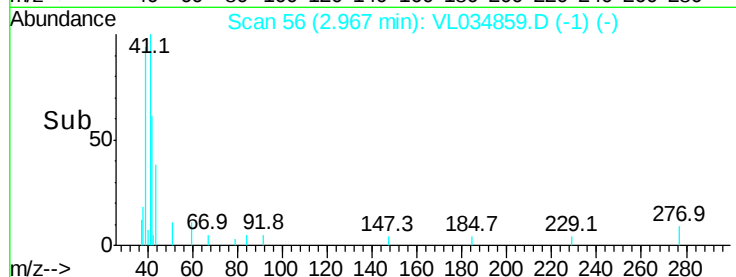
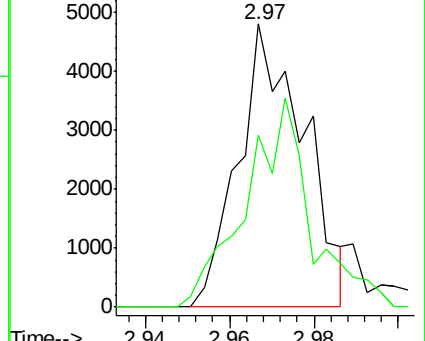
41 100

42 72.6 55.2 82.8



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0



#10

Heptane

Concen: 0.073 ppbv

RT: 8.12 min Scan# 1660

Delta R.T. -0.01 min

Lab File: VL034859.D

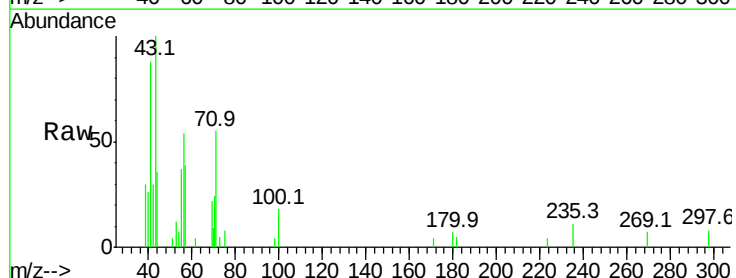
Acq: 10 Mar 2020 4:21

Tgt Ion: 43 Resp: 8395

Ion Ratio Lower Upper

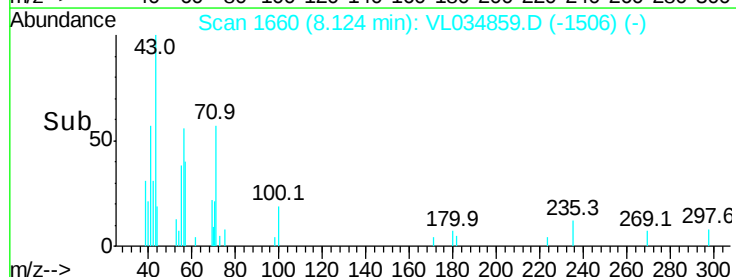
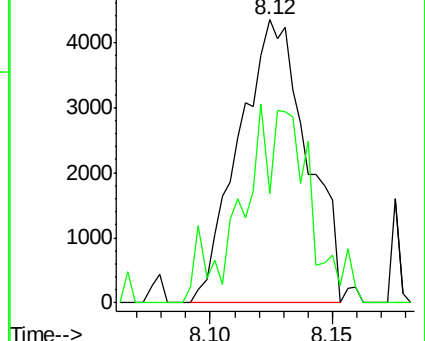
43 100

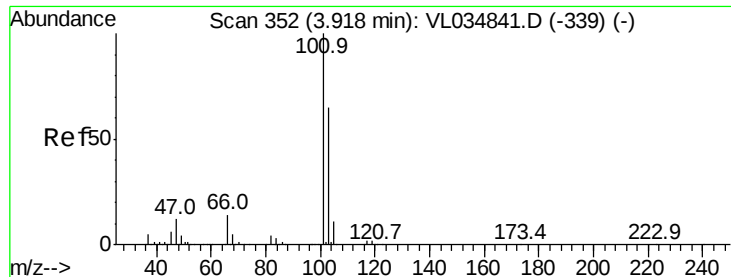
57 68.4 39.7 59.5#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 57.10 (56.80 to 57.80): VL0

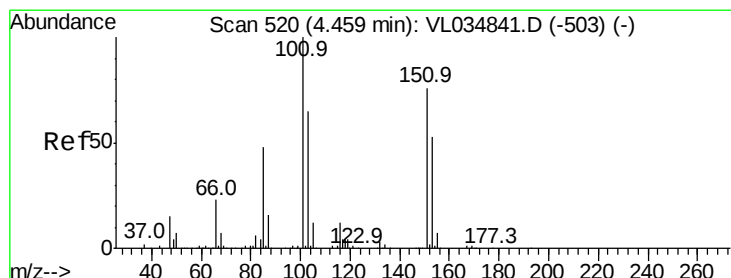
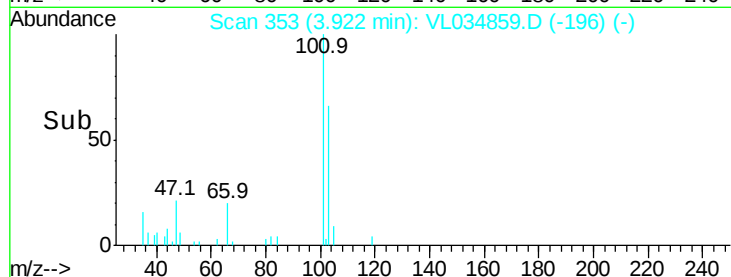
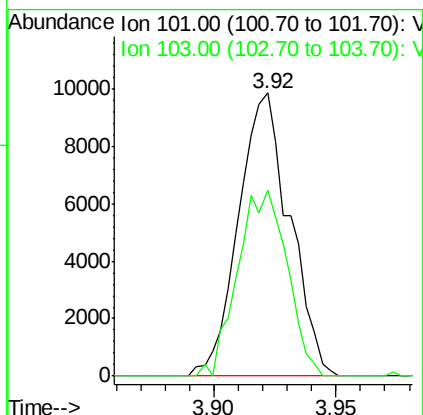
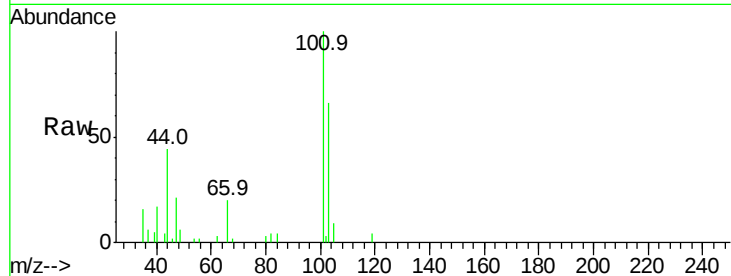




#11
 Trichlorofluoromethane
 Concen: 0.112 ppbv
 RT: 3.92 min Scan# 353
 Delta R.T. 0.00 min
 Lab File: VL034859.D
 Acq: 10 Mar 2020 4:21

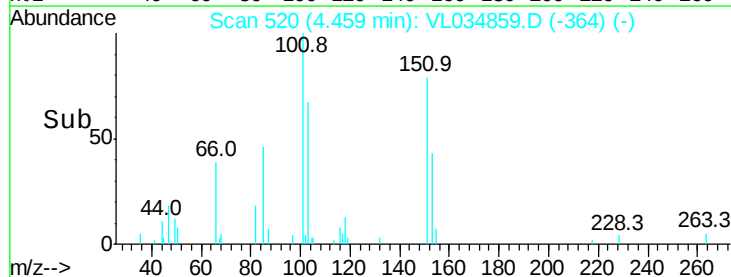
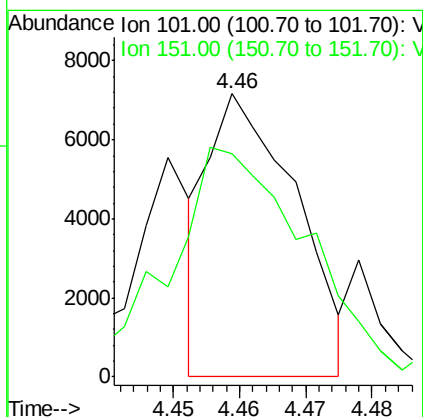
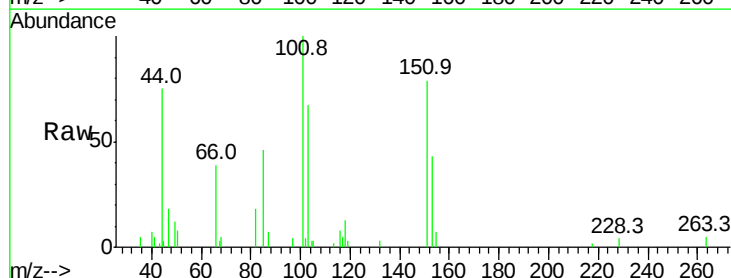
Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT1-2020

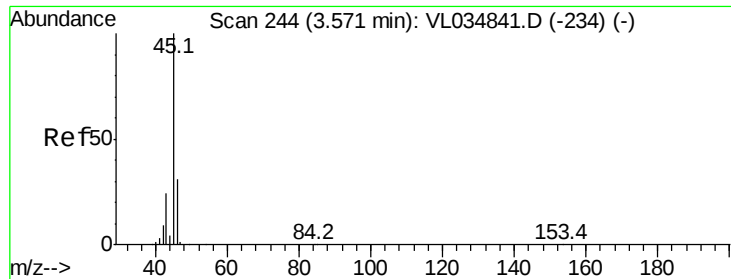
Tgt Ion:101 Resp: 14310
 Ion Ratio Lower Upper
 101 100
 103 65.7 51.8 77.8



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.074 ppbv
 RT: 4.46 min Scan# 520
 Delta R.T. 0.00 min
 Lab File: VL034859.D
 Acq: 10 Mar 2020 4:21

Tgt Ion:101 Resp: 6599
 Ion Ratio Lower Upper
 101 100
 151 131.9 60.8 91.2#





#13

Ethanol

Concen: 0.028 ppbv

RT: 3.58 min Scan# 246

Delta R.T. 0.01 min

Lab File: VL034859.D

Acq: 10 Mar 2020 4:21

Instrument :

MSVOA_L

ClientSampleId :

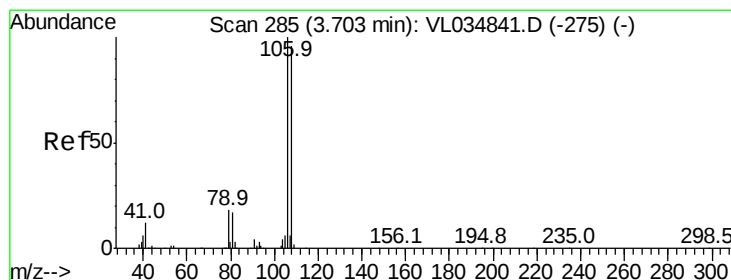
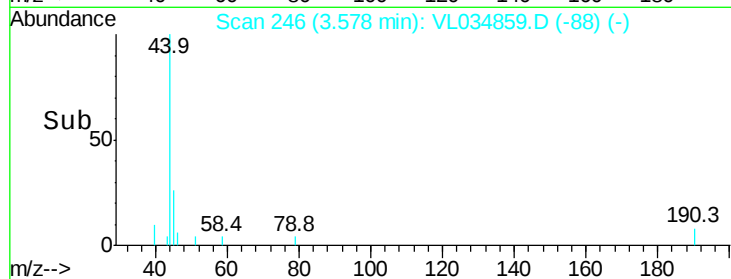
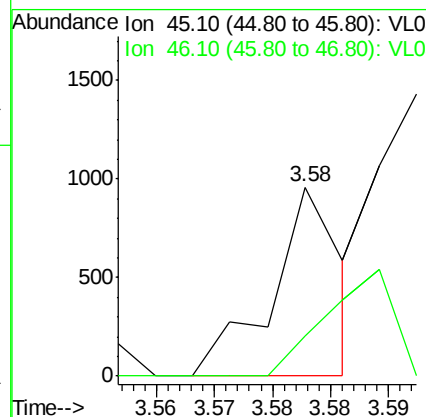
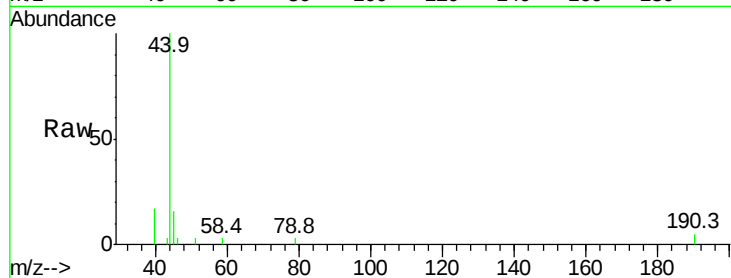
LOD-MDL-AIR-01-QT1-2020

Tgt Ion: 45 Resp: 400

Ion Ratio Lower Upper

45 100

46 0.0 16.0 64.0#



#14

Bromoethene

Concen: 0.054 ppbv

RT: 3.71 min Scan# 286

Delta R.T. 0.00 min

Lab File: VL034859.D

Acq: 10 Mar 2020 4:21

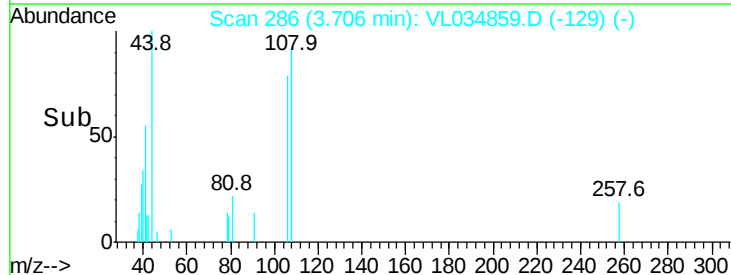
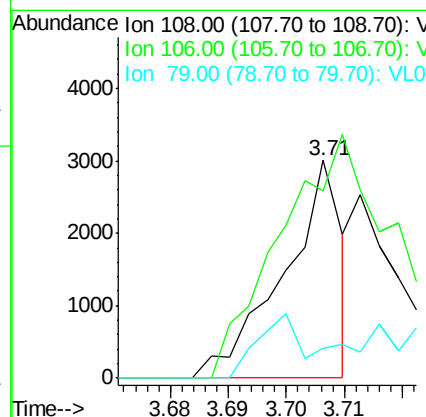
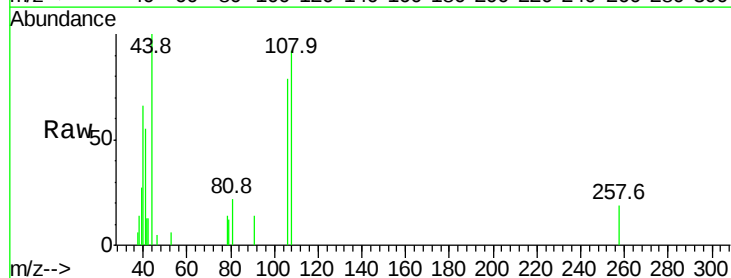
Tgt Ion: 108 Resp: 2094

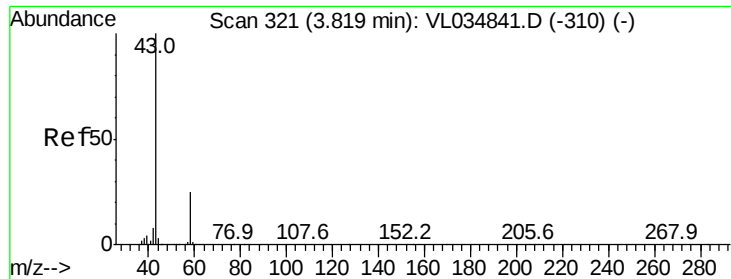
Ion Ratio Lower Upper

108 100

106 0.0 85.1 127.7#

79 53.3 14.7 22.1#





#15

Acetone

Concen: 0.103 ppbv

RT: 3.84 min Scan# 328

Delta R.T. 0.02 min

Lab File: VL034859.D

Acq: 10 Mar 2020 4:21

Instrument :

MSVOA_L

ClientSampleId :

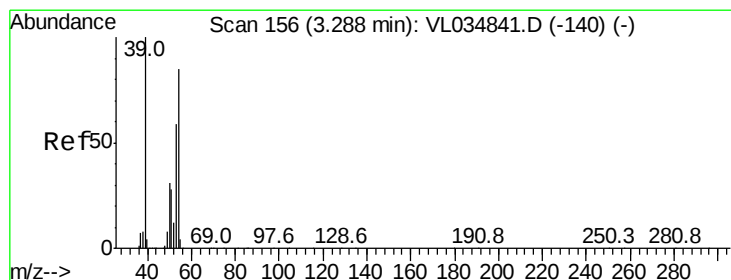
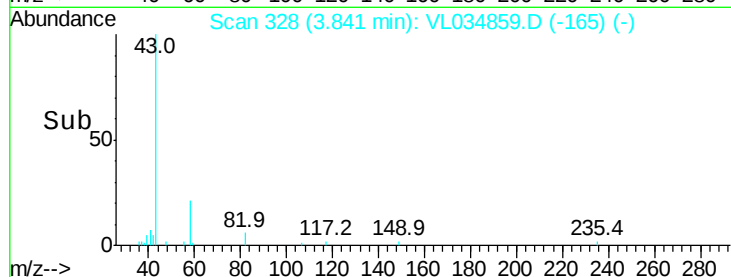
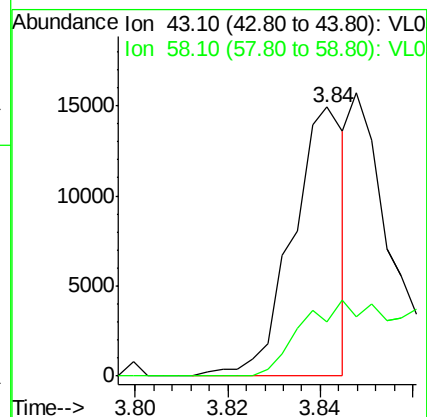
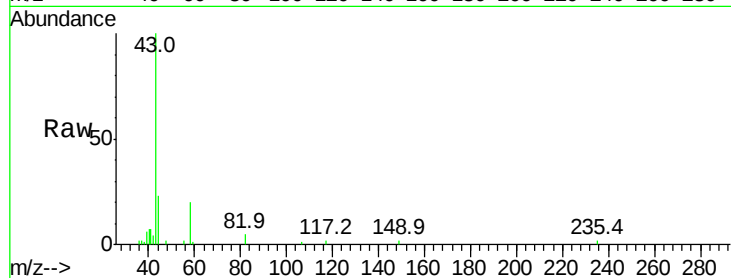
LOD-MDL-AIR-01-QT1-2020

Tgt Ion: 43 Resp: 11761

Ion Ratio Lower Upper

43 100

58 0.0 21.0 31.6#



#16

1,3-Butadiene

Concen: 0.095 ppbv

RT: 3.29 min Scan# 157

Delta R.T. 0.00 min

Lab File: VL034859.D

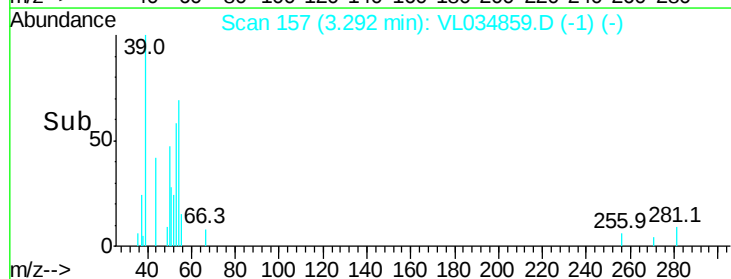
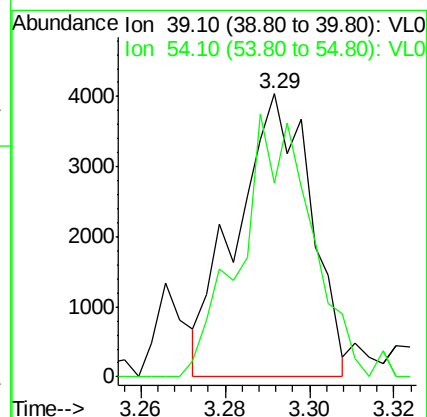
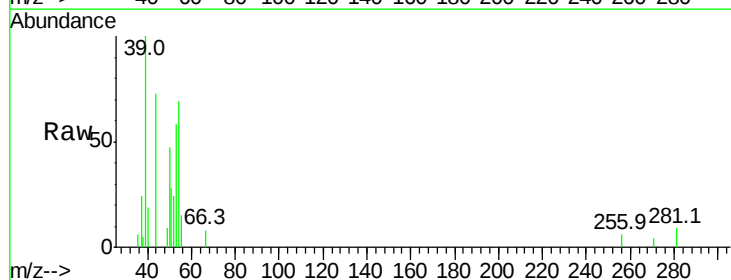
Acq: 10 Mar 2020 4:21

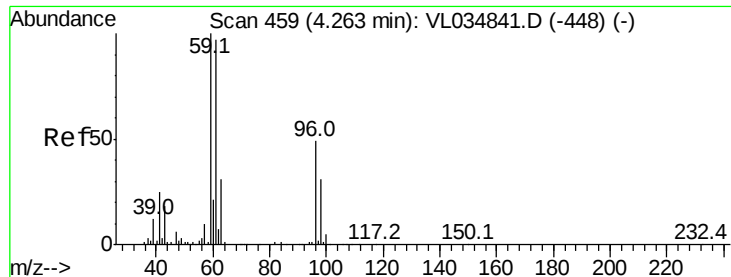
Tgt Ion: 39 Resp: 4908

Ion Ratio Lower Upper

39 100

54 90.4 65.0 97.6





#17

tert-Butyl alcohol

Concen: 0.125 ppbv

RT: 4.30 min Scan# 472

Delta R.T. 0.04 min

Lab File: VL034859.D

Acq: 10 Mar 2020 4:21

Instrument :

MSVOA_L

ClientSampleId :

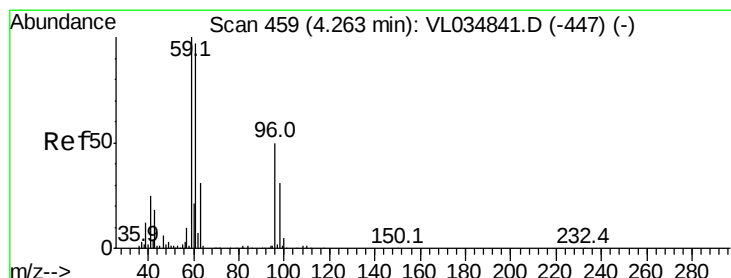
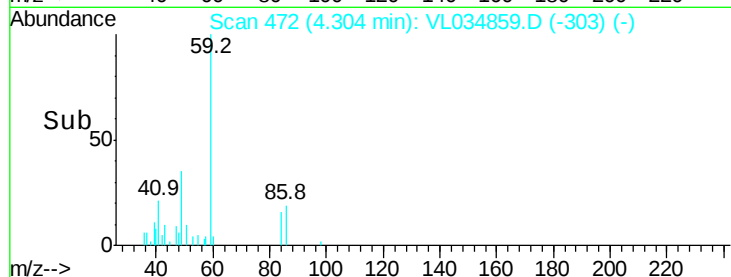
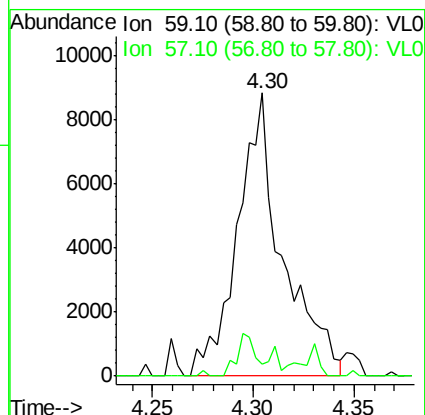
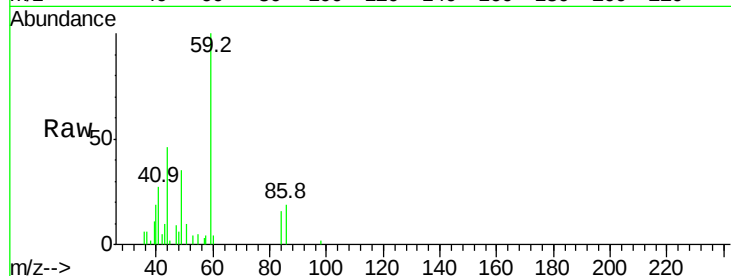
LOD-MDL-AIR-01-QT1-2020

Tgt Ion: 59 Resp: 13754

Ion Ratio Lower Upper

59 100

57 12.5 8.3 12.5#



#18

1,1-Dichloroethene

Concen: 0.010 ppbv

RT: 4.26 min Scan# 458

Delta R.T. -0.00 min

Lab File: VL034859.D

Acq: 10 Mar 2020 4:21

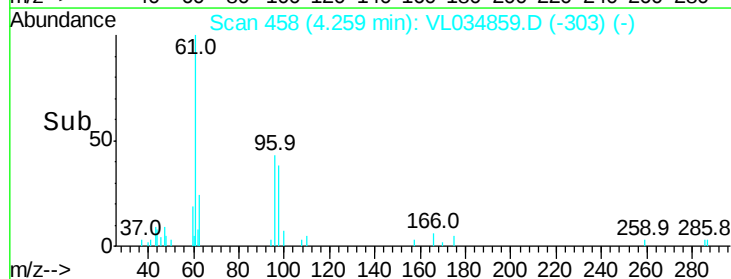
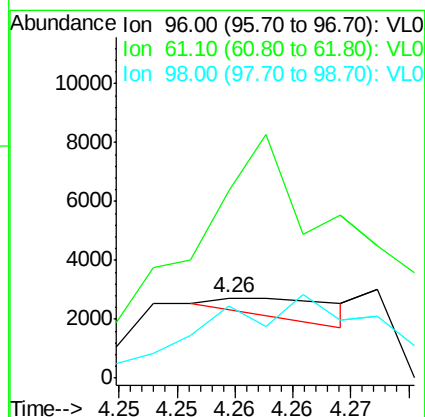
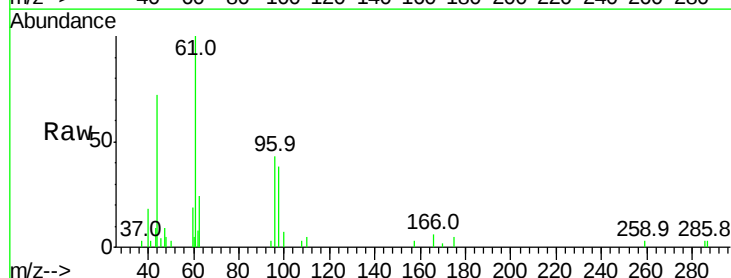
Tgt Ion: 96 Resp: 406

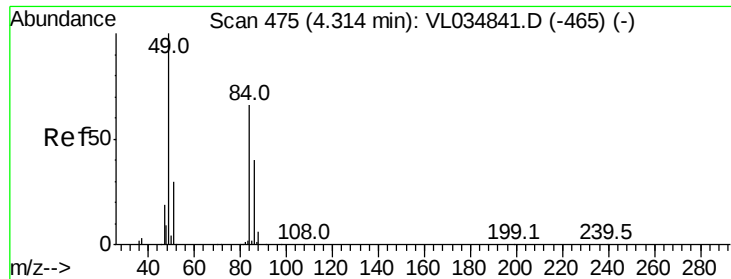
Ion Ratio Lower Upper

96 100

61 1284.2 157.3 235.9#

98 526.2 50.2 75.4#

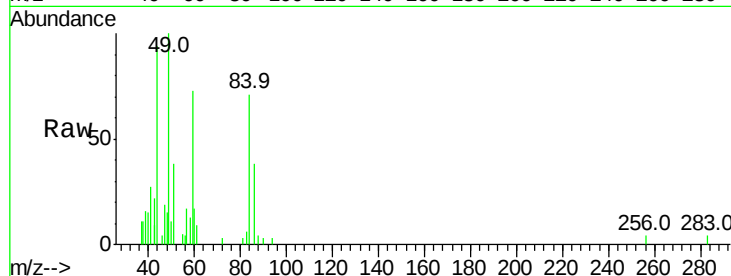




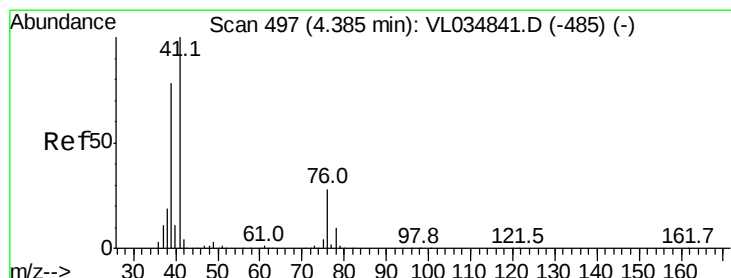
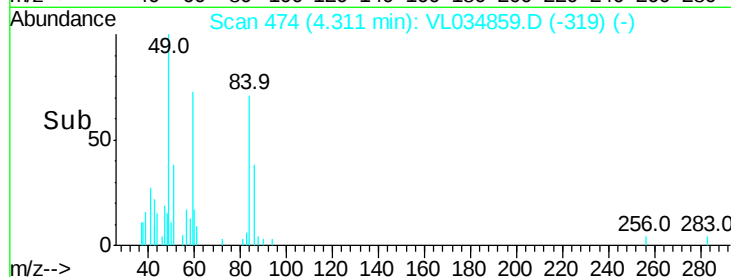
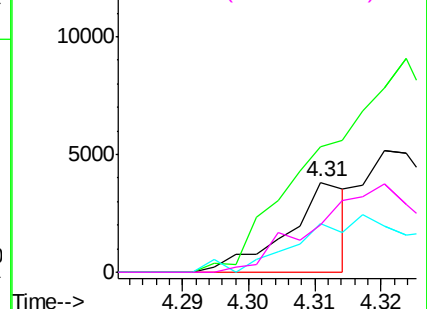
#20
Methylene Chloride
Concen: 0.067 ppbv
RT: 4.31 min Scan# 474
Delta R.T. -0.00 min
Lab File: VL034859.D
Acq: 10 Mar 2020 4:21

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2020

Tgt Ion:	84	Resp:	2404
Ion	Ratio	Lower	Upper
84	100		
49	140.7	121.5	182.3
51	53.8	36.6	55.0
86	53.3	48.2	72.2

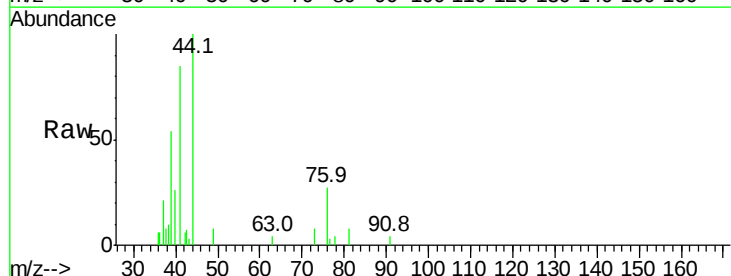


Abundance Ion 84.00 (83.70 to 84.70): VL0
Ion 49.10 (48.80 to 49.80): VL0
Ion 51.10 (50.80 to 51.80): VL0
Ion 86.00 (85.70 to 86.70): VL0

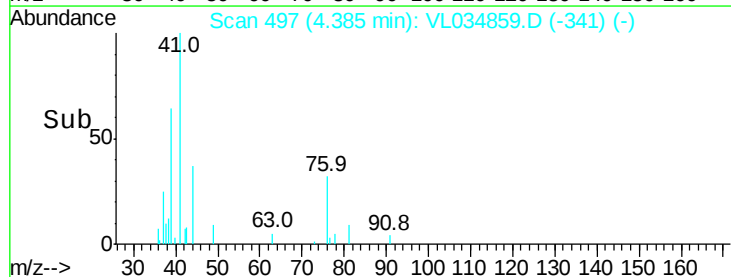
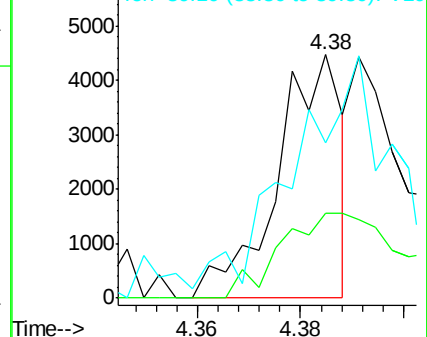


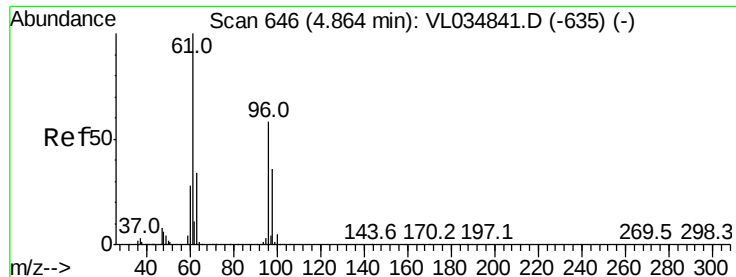
#21
Allyl Chloride
Concen: 0.053 ppbv
RT: 4.38 min Scan# 497
Delta R.T. 0.00 min
Lab File: VL034859.D
Acq: 10 Mar 2020 4:21

Tgt Ion:	41	Resp:	3883
Ion	Ratio	Lower	Upper
41	100		
76	64.3	22.2	33.2#
39	0.0	62.6	93.8#



Abundance Ion 41.10 (40.80 to 41.80): VL0
Ion 76.10 (75.80 to 76.80): VL0
Ion 39.10 (38.80 to 39.80): VL0





#22

trans-1,2-Dichloroethene

Concen: 0.110 ppbv

RT: 4.87 min Scan# 648

Delta R.T. 0.01 min

Lab File: VL034859.D

Acq: 10 Mar 2020 4:21

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT1-2020

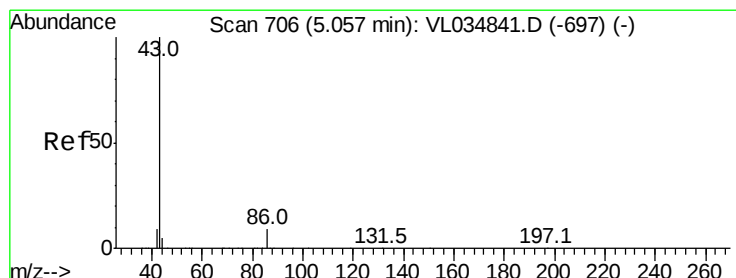
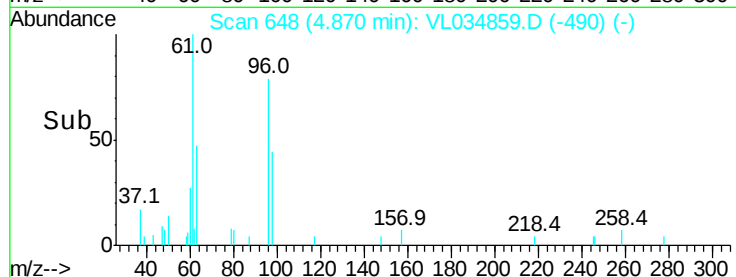
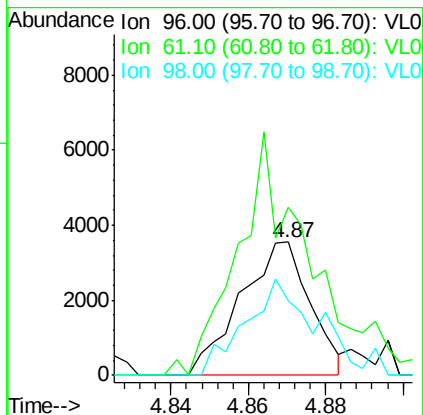
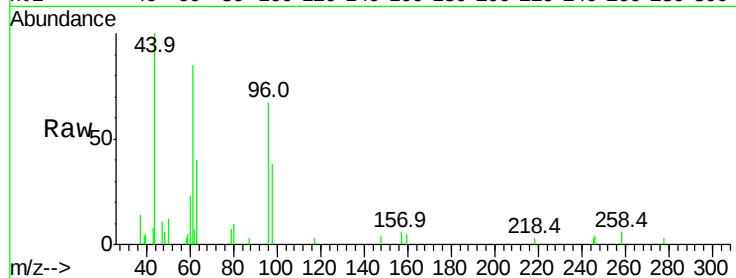
Tgt Ion: 96 Resp: 4421

Ion Ratio Lower Upper

96 100

61 126.6 139.0 208.6#

98 56.1 50.3 75.5



#23

Vinyl Acetate

Concen: 0.034 ppbv

RT: 5.06 min Scan# 707

Delta R.T. 0.00 min

Lab File: VL034859.D

Acq: 10 Mar 2020 4:21

Tgt Ion: 43 Resp: 5797

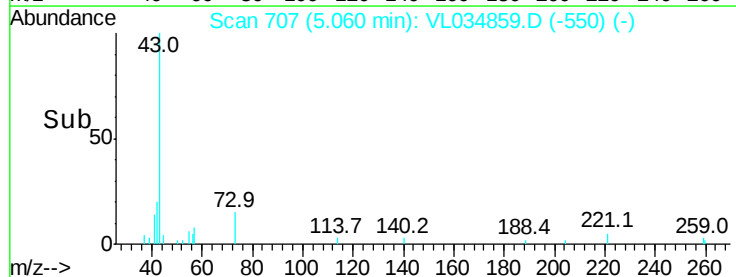
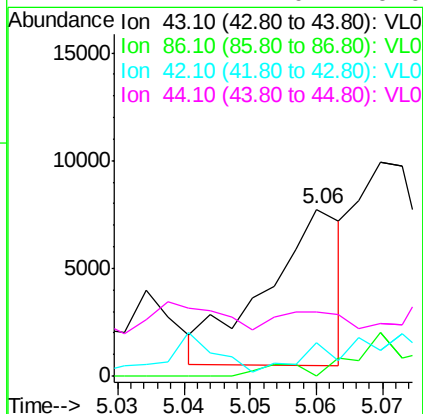
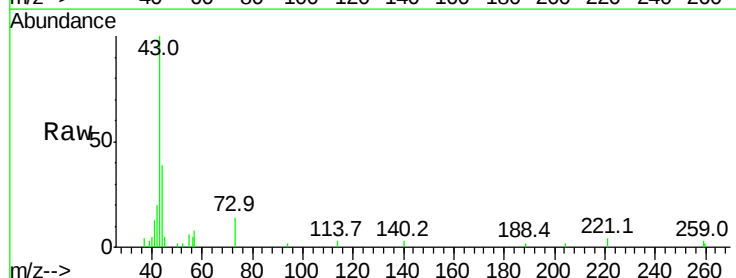
Ion Ratio Lower Upper

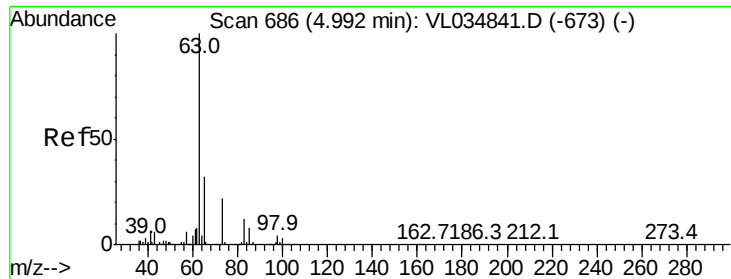
43 100

86 0.0 6.3 9.5#

42 13.7 7.8 11.8#

44 2.2 4.0 6.0#





#24

1,1-Dichloroethane

Concen: 0.113 ppbv

RT: 4.99 min Scan# 685

Delta R.T. -0.00 min

Lab File: VL034859.D

Acq: 10 Mar 2020 4:21

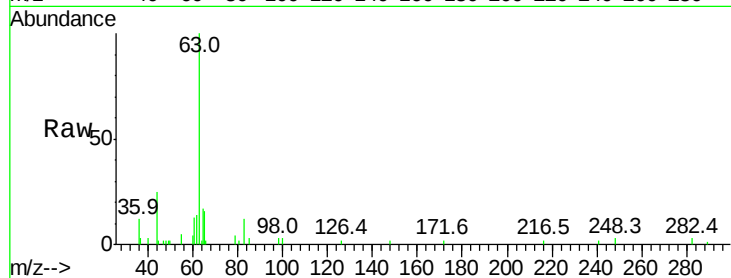
Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT1-2020

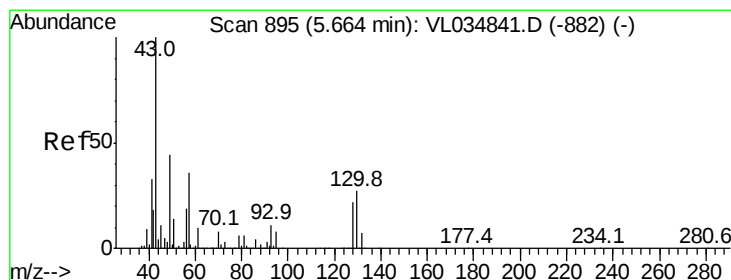
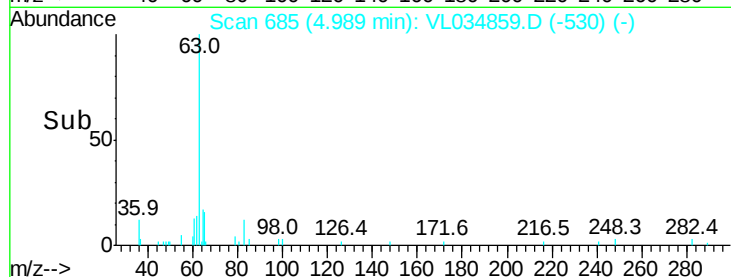
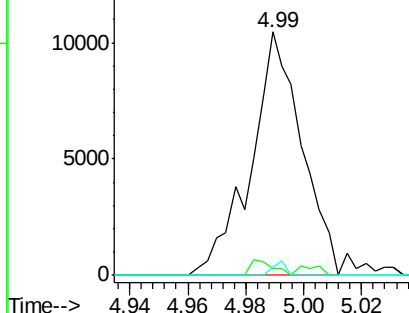
Tgt Ion:	63	Resp:	12763
Ion	Ratio	Lower	Upper
63	100		
98	2.7	2.0	5.8
100	3.0	1.4	4.0



Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 98.00 (97.70 to 98.70): VL0

Ion 100.00 (99.70 to 100.70): VL0



#25

Ethyl Acetate

Concen: 0.049 ppbv

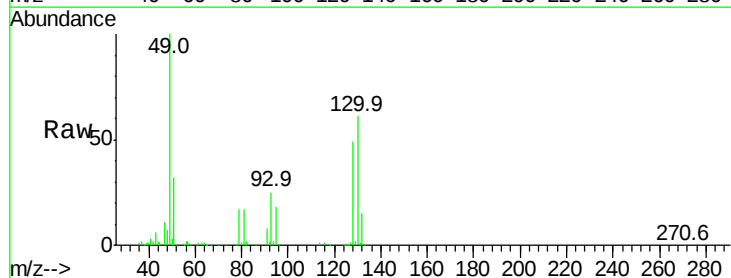
RT: 5.67 min Scan# 897

Delta R.T. 0.01 min

Lab File: VL034859.D

Acq: 10 Mar 2020 4:21

Tgt Ion:	43	Resp:	10022
Ion	Ratio	Lower	Upper
43	100		
45	26.2	8.2	12.2#
61	0.0	7.8	11.6#
70	0.0	5.8	8.8#

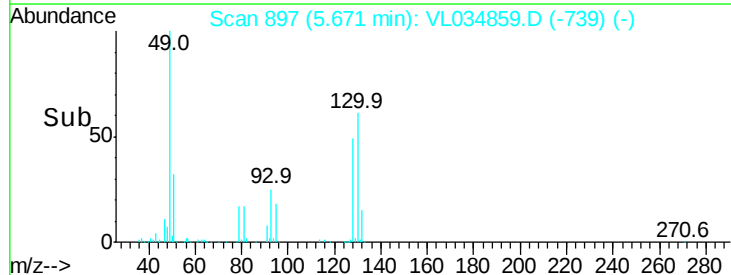
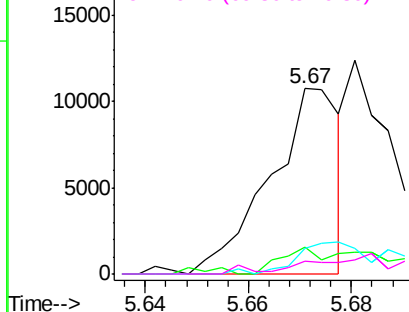


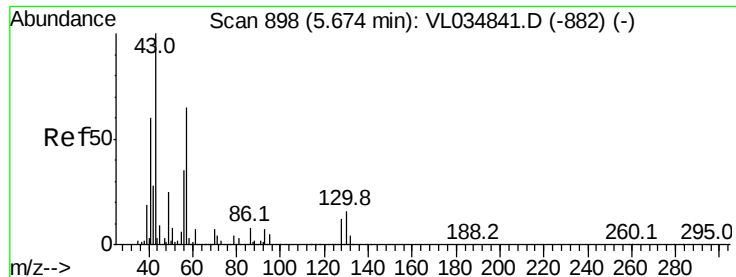
Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 45.10 (44.80 to 45.80): VL0

Ion 61.10 (60.80 to 61.80): VL0

Ion 70.10 (69.80 to 70.80): VL0





#26

Hexane

Concen: 0.032 ppbv

RT: 5.66 min Scan# 895

Delta R.T. -0.01 min

Lab File: VL034859.D

Acq: 10 Mar 2020 4:21

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT1-2020

Tgt Ion: 57 Resp: 2796

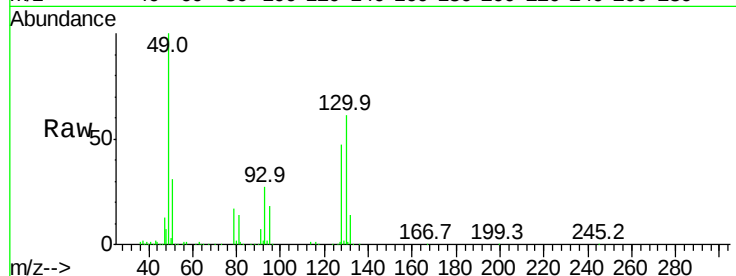
Ion Ratio Lower Upper

57 100

41 0.0 72.6 109.0#

43 0.0 183.8 275.6#

56 0.0 41.9 62.9#

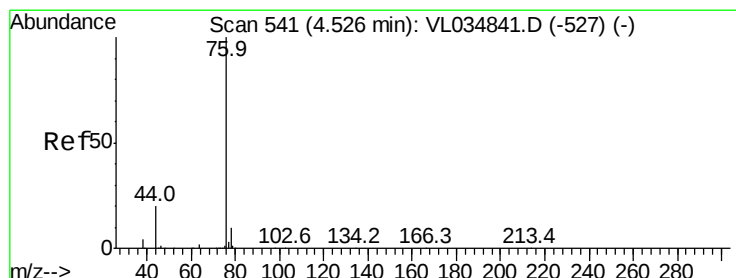
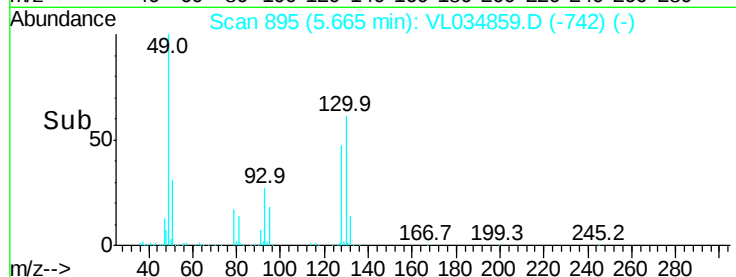
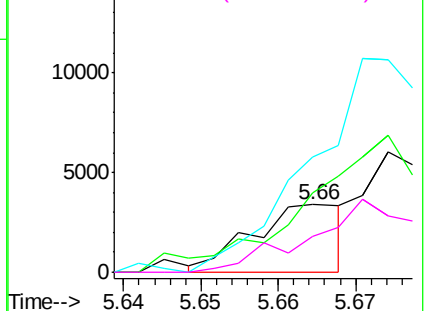


Abundance Ion 57.10 (56.80 to 57.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 43.10 (42.80 to 43.80): VL0

Ion 56.10 (55.80 to 56.80): VL0



#27

Carbon Disulfide

Concen: 0.023 ppbv

RT: 4.52 min Scan# 539

Delta R.T. -0.01 min

Lab File: VL034859.D

Acq: 10 Mar 2020 4:21

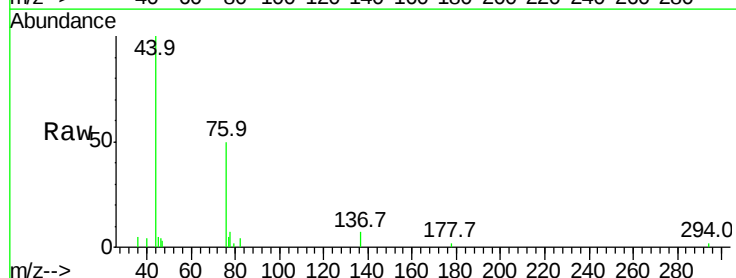
Tgt Ion: 76 Resp: 2236

Ion Ratio Lower Upper

76 100

44 81.1 16.2 24.2#

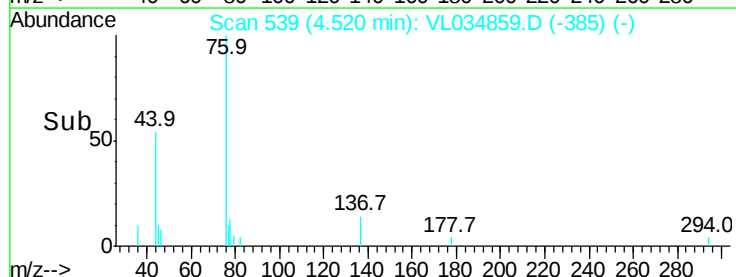
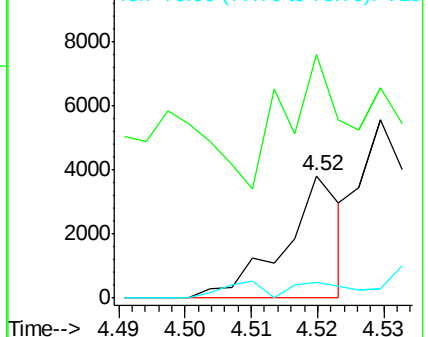
78 0.0 7.8 11.6#

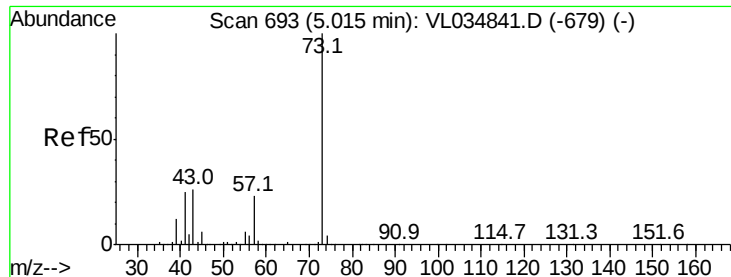


Abundance Ion 76.00 (75.70 to 76.70): VL0

Ion 44.10 (43.80 to 44.80): VL0

Ion 78.00 (77.70 to 78.70): VL0





#28

Methyl tert-Butyl Ether

Concen: 0.036 ppbv

RT: 5.03 min Scan# 698

Delta R.T. 0.02 min

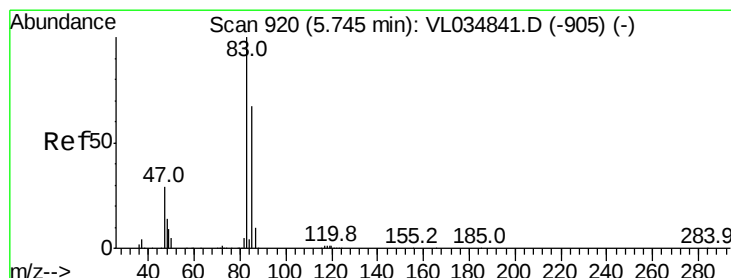
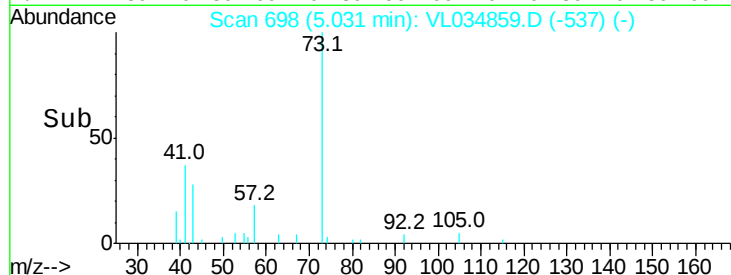
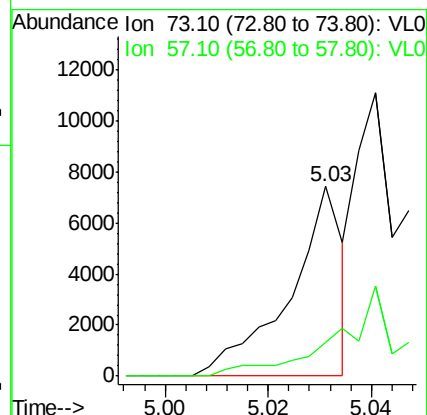
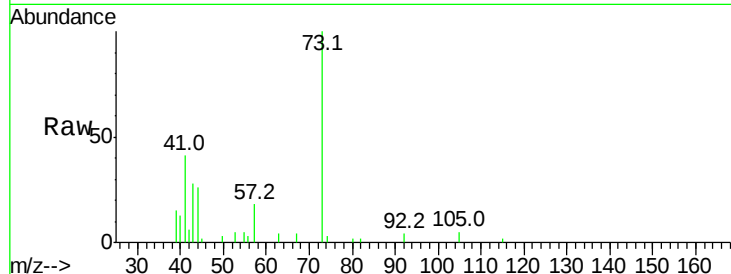
Lab File: VL034859.D

Acq: 10 Mar 2020 4:21

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2020

Tgt Ion: 73 Resp: 5305

Ion	Ratio	Lower	Upper
73	100		
57	0.0	18.3	27.5#



#29

Chloroform

Concen: 0.080 ppbv

RT: 5.74 min Scan# 917

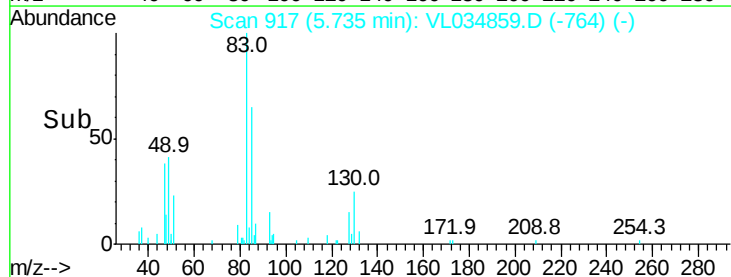
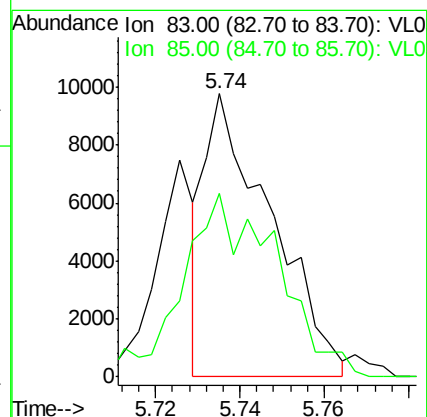
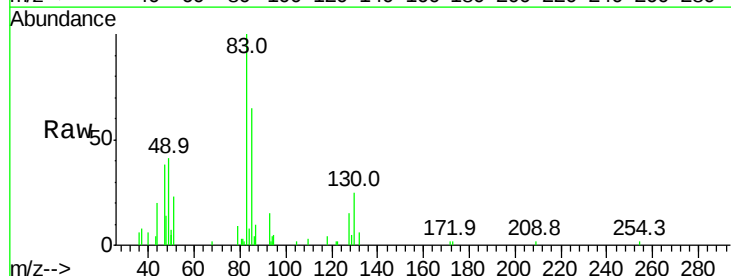
Delta R.T. -0.01 min

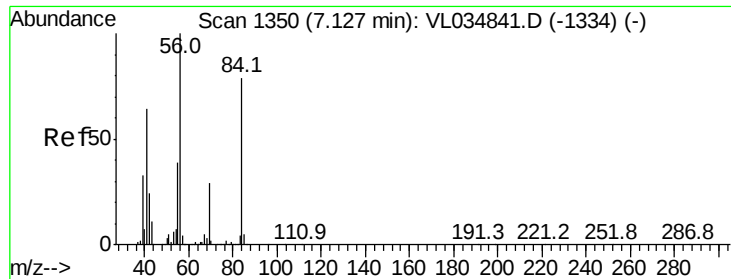
Lab File: VL034859.D

Acq: 10 Mar 2020 4:21

Tgt Ion: 83 Resp: 10657

Ion	Ratio	Lower	Upper
83	100		
85	59.5	53.8	80.6

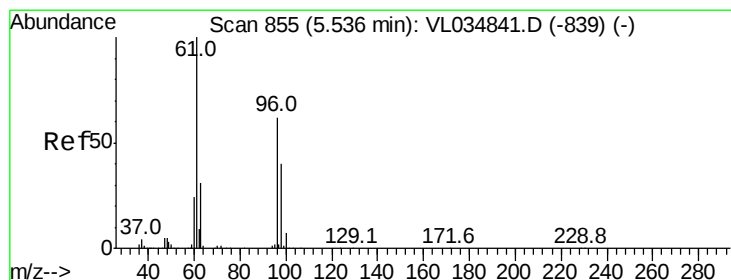
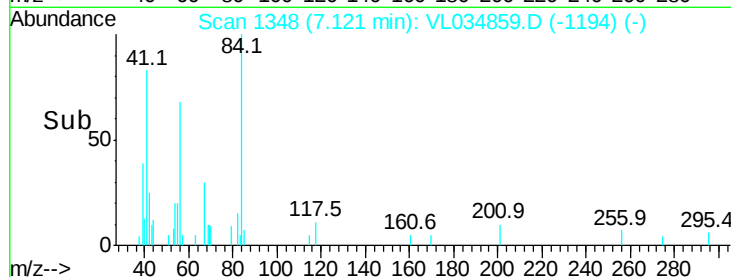
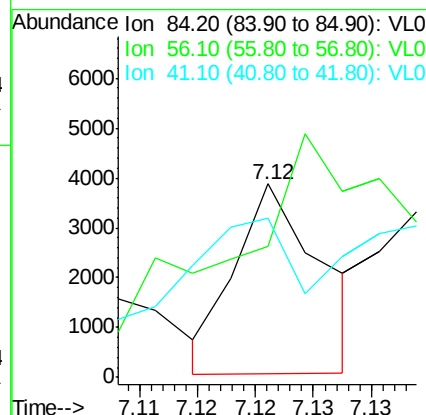
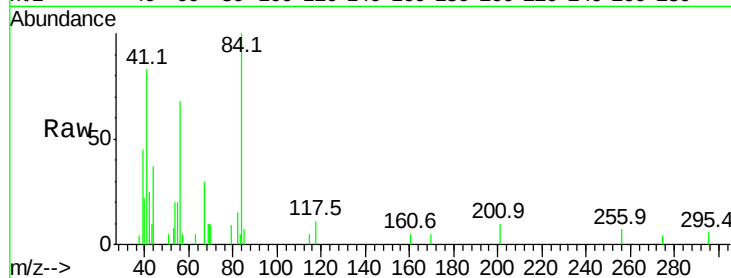




#30
Cyclohexane
Concen: 0.027 ppbv
RT: 7.12 min Scan# 1348
Delta R.T. -0.01 min
Lab File: VL034859.D
Acq: 10 Mar 2020 4:21

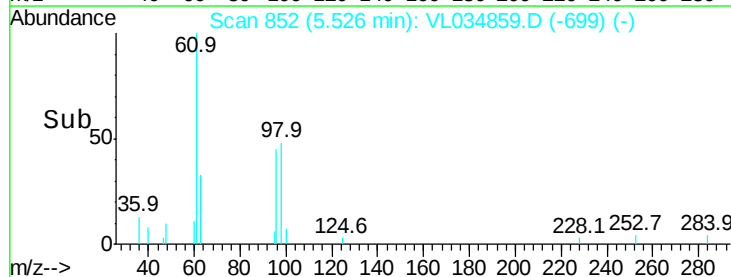
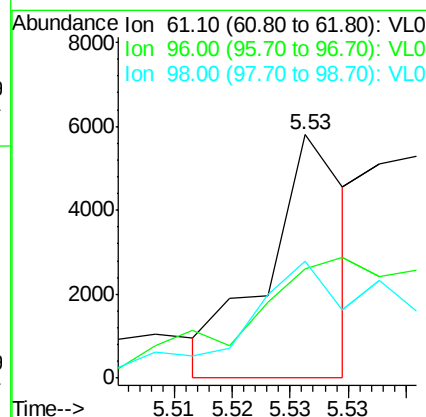
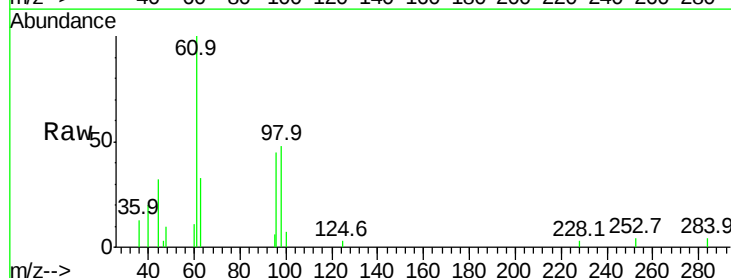
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2020

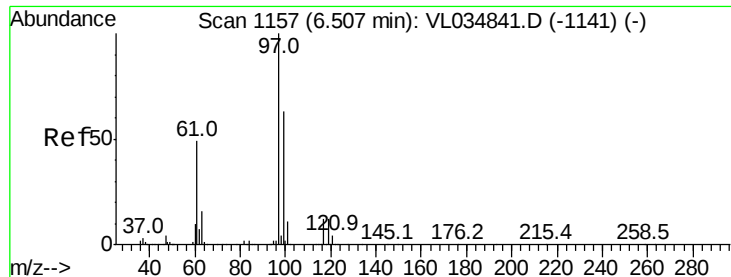
Tgt Ion: 84 Resp: 1964
Ion Ratio Lower Upper
84 100
56 0.0 110.5 165.7#
41 331.8 68.2 102.4#



#31
cis-1,2-Dichloroethene
Concen: 0.031 ppbv
RT: 5.53 min Scan# 852
Delta R.T. -0.01 min
Lab File: VL034859.D
Acq: 10 Mar 2020 4:21

Tgt Ion: 61 Resp: 2741
Ion Ratio Lower Upper
61 100
96 29.9 49.8 74.8#
98 46.3 32.2 48.4





#32

1,1,1-Trichloroethane

Concen: 0.056 ppbv

RT: 6.50 min Scan# 1154

Delta R.T. -0.01 min

Lab File: VL034859.D

Acq: 10 Mar 2020 4:21

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT1-2020

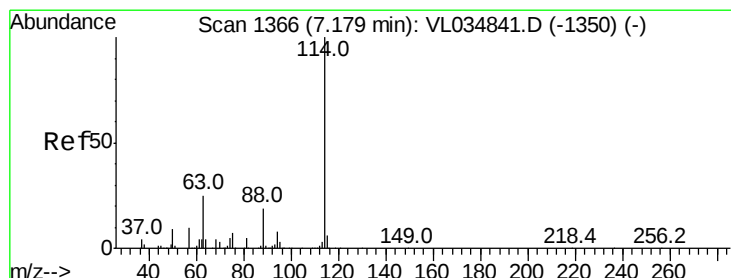
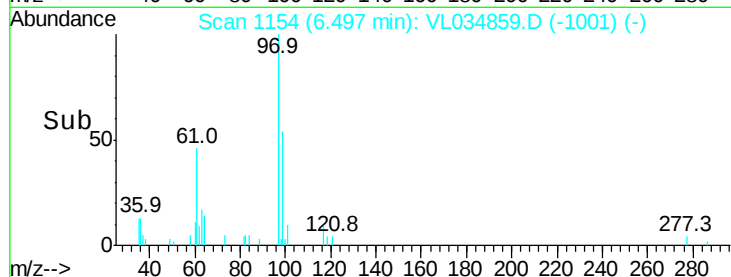
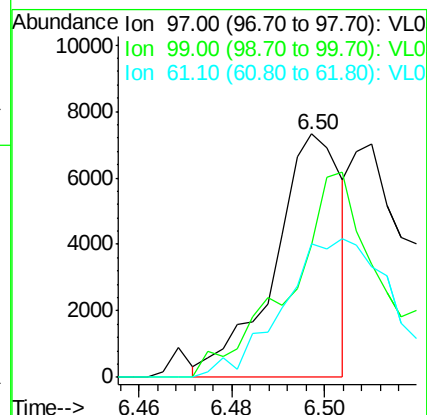
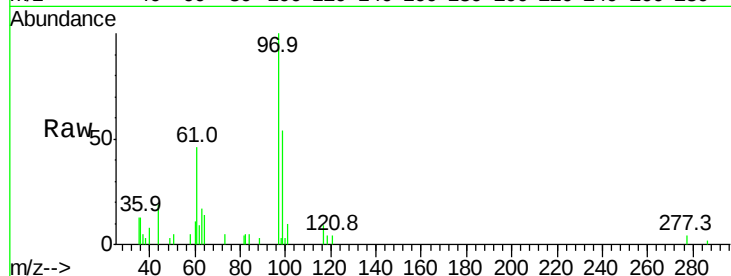
Tgt Ion: 97 Resp: 7331

Ion Ratio Lower Upper

97 100

99 0.0 51.1 76.7#

61 0.0 39.7 59.5#



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.18 min Scan# 1365

Delta R.T. -0.00 min

Lab File: VL034859.D

Acq: 10 Mar 2020 4:21

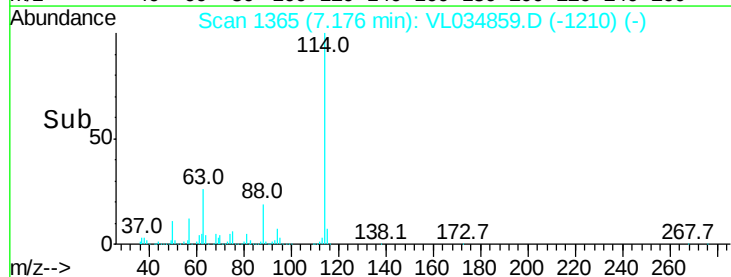
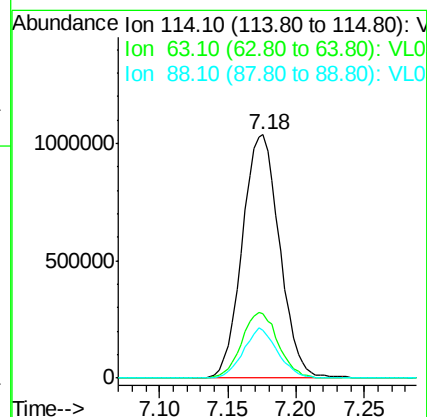
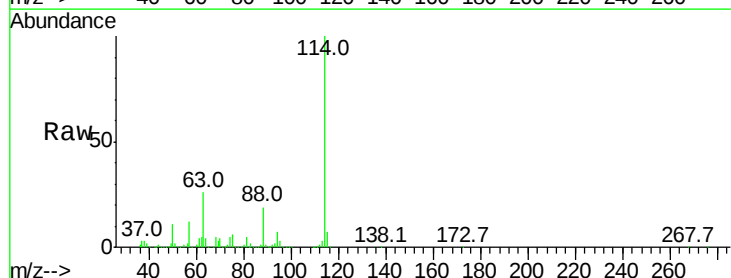
Tgt Ion: 114 Resp: 1967025

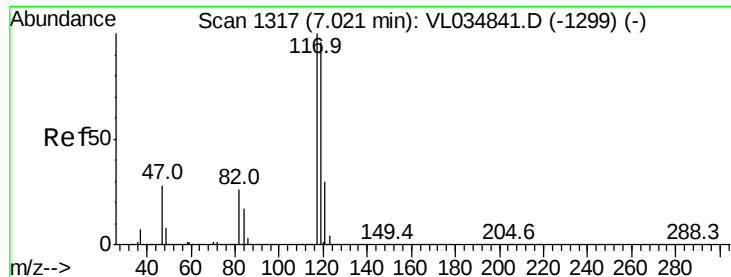
Ion Ratio Lower Upper

114 100

63 26.5 20.6 31.0

88 18.7 15.0 22.6





#35

Carbon Tetrachloride

Concen: 0.034 ppbv

RT: 7.02 min Scan# 1317

Delta R.T. 0.00 min

Lab File: VL034859.D

Acq: 10 Mar 2020 4:21

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT1-2020

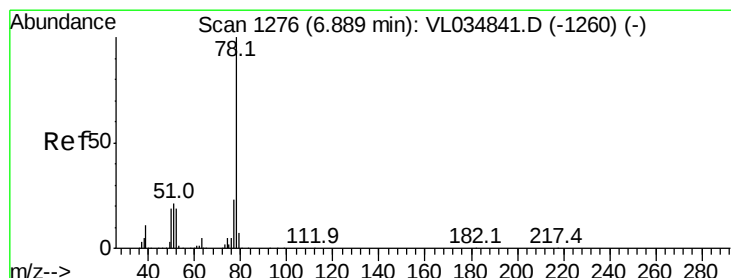
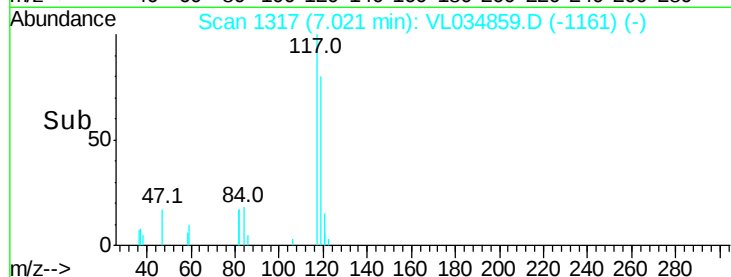
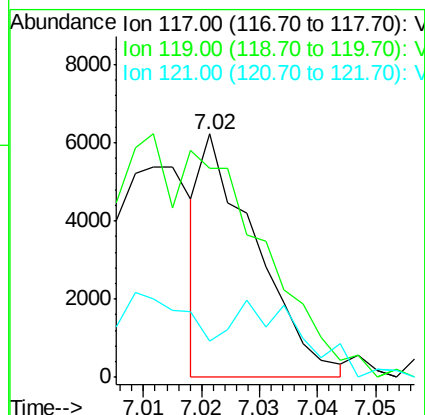
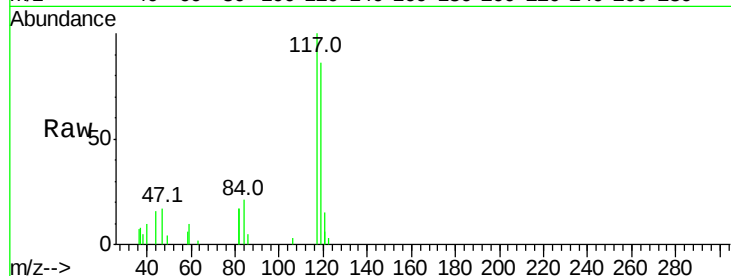
Tgt Ion:117 Resp: 4107

Ion Ratio Lower Upper

117 100

119 83.5 77.0 115.4

121 1.2 24.0 36.0#



#36

Benzene

Concen: 0.039 ppbv

RT: 6.89 min Scan# 1277

Delta R.T. 0.00 min

Lab File: VL034859.D

Acq: 10 Mar 2020 4:21

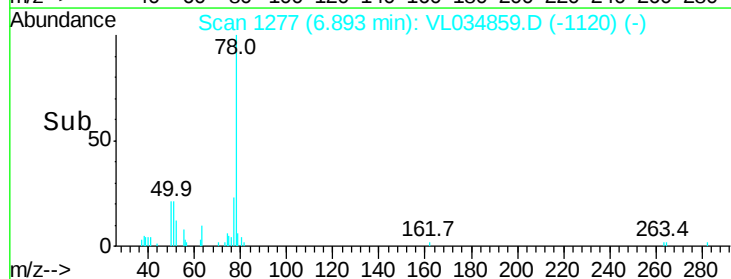
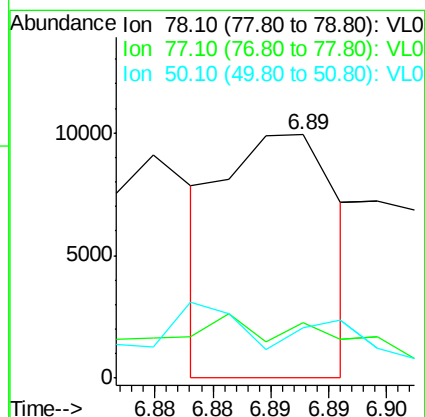
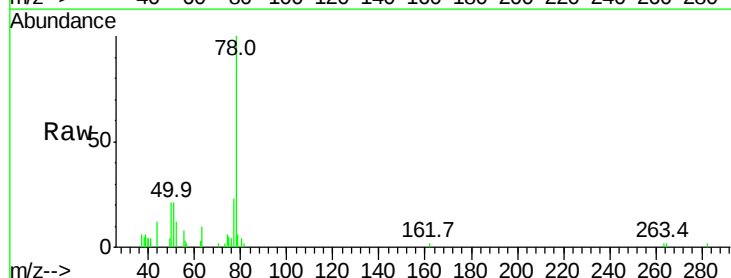
Tgt Ion: 78 Resp: 6771

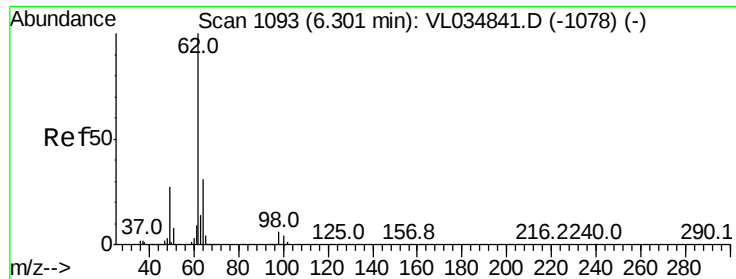
Ion Ratio Lower Upper

78 100

77 24.8 18.2 27.2

50 0.0 15.2 22.8#

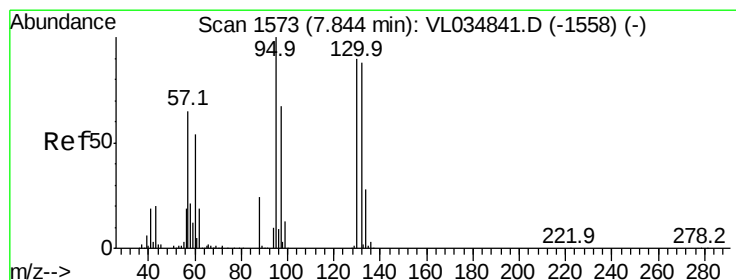
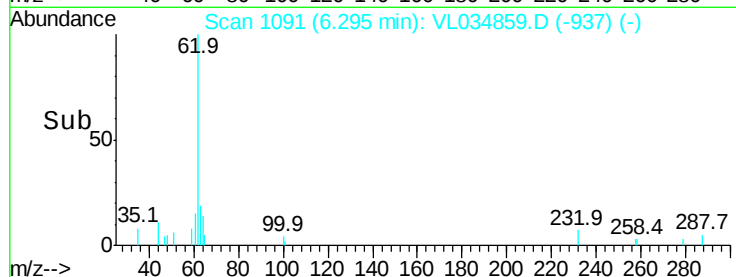
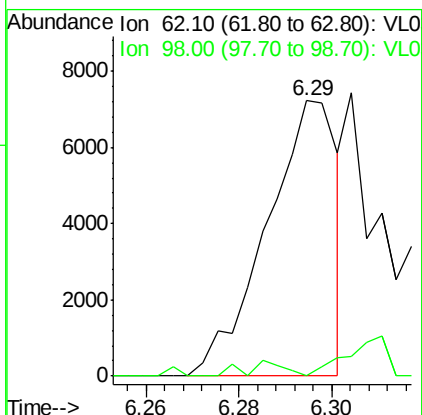
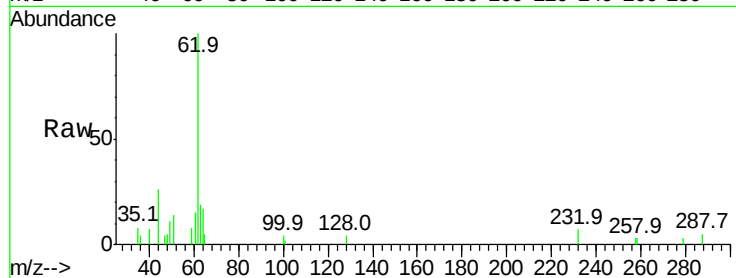




#37
 1,2-Dichloroethane
 Concen: 0.077 ppbv
 RT: 6.29 min Scan# 1091
 Delta R.T. -0.01 min
 Lab File: VL034859.D
 Acq: 10 Mar 2020 4:21

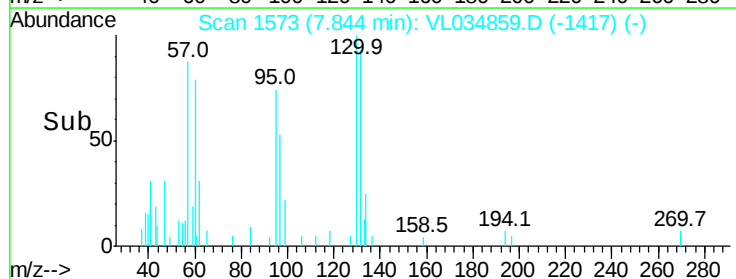
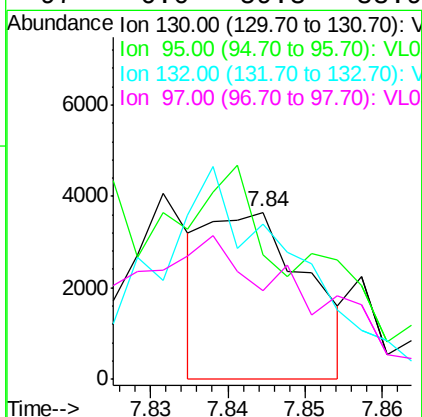
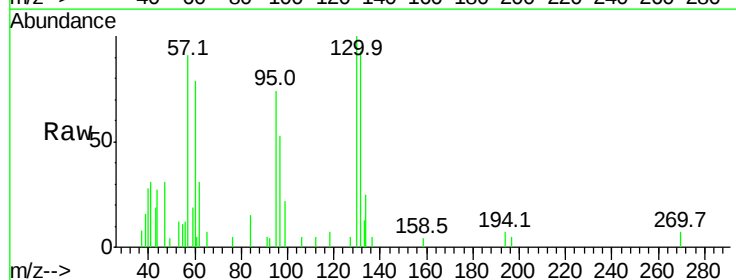
Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT1-2020

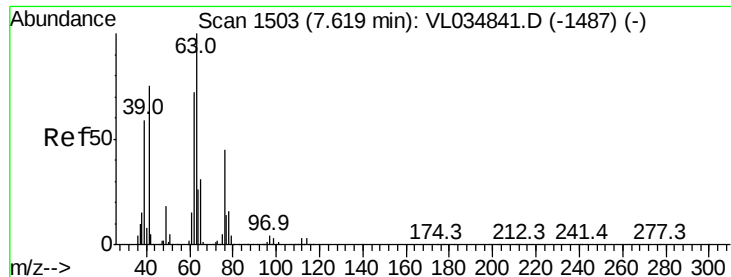
Tgt Ion: 62 Resp: 7621
 Ion Ratio Lower Upper
 62 100
 98 0.0 5.2 7.8#



#38
 Trichloroethene
 Concen: 0.049 ppbv
 RT: 7.84 min Scan# 1573
 Delta R.T. 0.00 min
 Lab File: VL034859.D
 Acq: 10 Mar 2020 4:21

Tgt Ion: 130 Resp: 3255
 Ion Ratio Lower Upper
 130 100
 95 4.7 88.5 132.7#
 132 92.3 78.0 117.0
 97 6.0 59.3 88.9#





#39

1,2-Dichloropropane

Concen: 7.474 ppbv

RT: 7.17 min Scan# 1364

Delta R.T. -0.45 min

Lab File: VL034859.D

Acq: 10 Mar 2020 4:21

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT1-2020

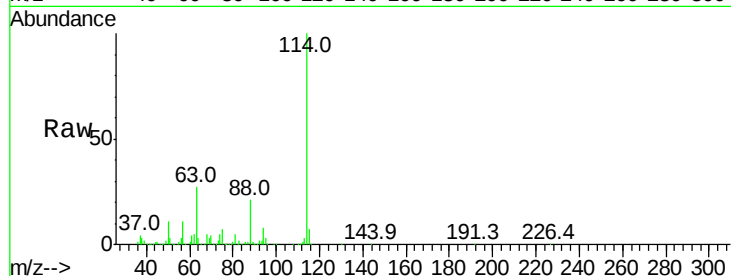
Tgt Ion: 63 Resp: 519185

Ion Ratio Lower Upper

63 100

41 0.2 59.8 89.8#

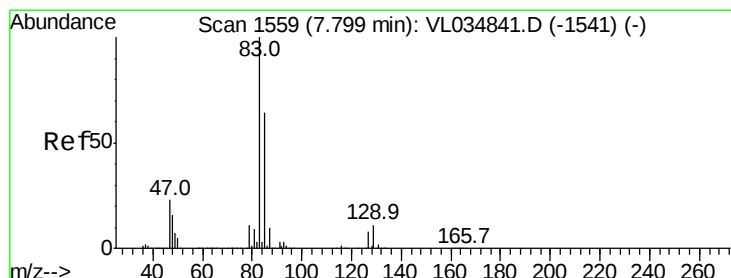
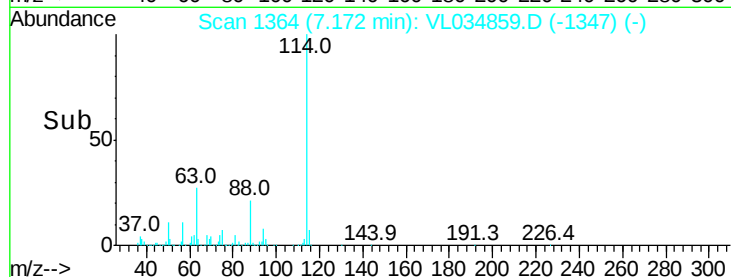
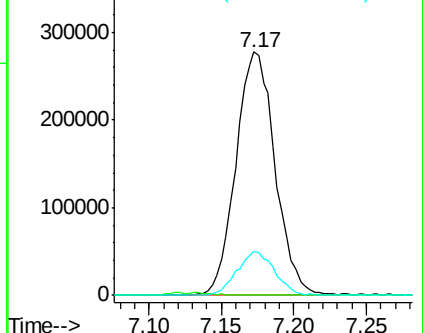
62 18.2 57.6 86.4#



Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 62.10 (61.80 to 62.80): VL0



#42

Bromodichloromethane

Concen: 0.026 ppbv

RT: 7.79 min Scan# 1557

Delta R.T. -0.01 min

Lab File: VL034859.D

Acq: 10 Mar 2020 4:21

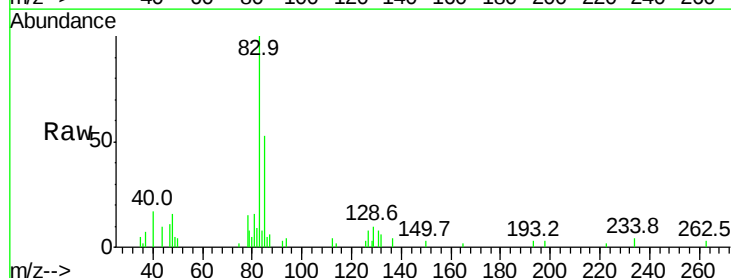
Tgt Ion: 83 Resp: 3482

Ion Ratio Lower Upper

83 100

85 0.0 51.4 77.2#

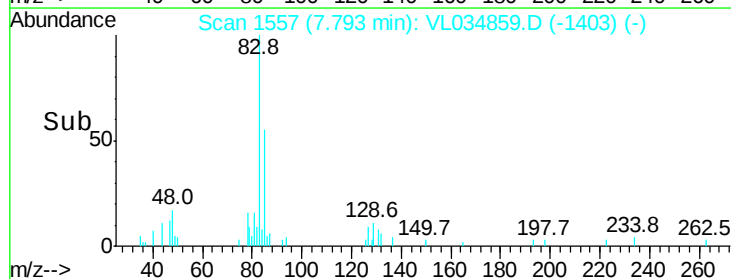
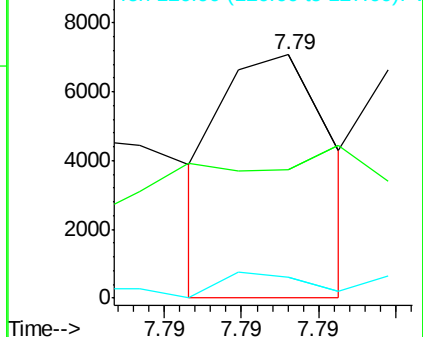
127 18.6 6.2 9.4#

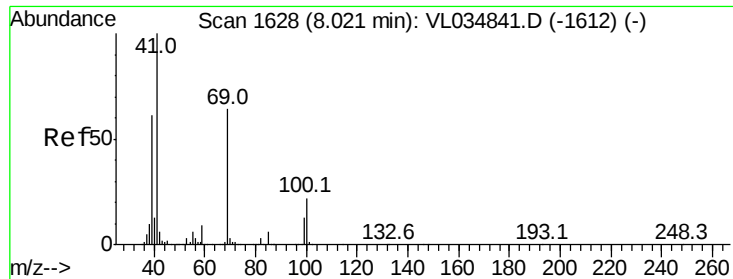


Abundance Ion 83.00 (82.70 to 83.70): VL0

Ion 85.00 (84.70 to 85.70): VL0

Ion 126.90 (126.60 to 127.60): V

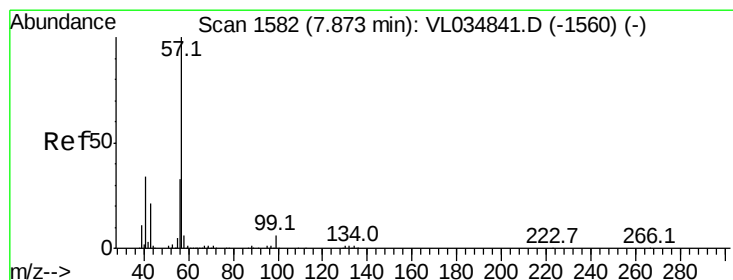
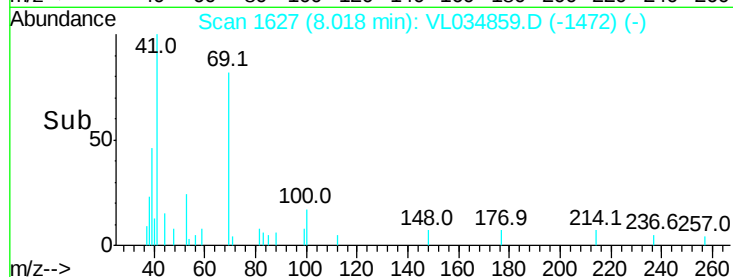
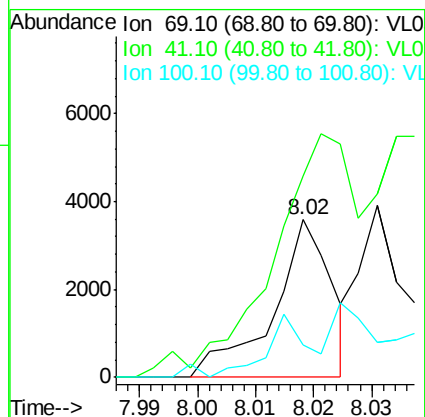
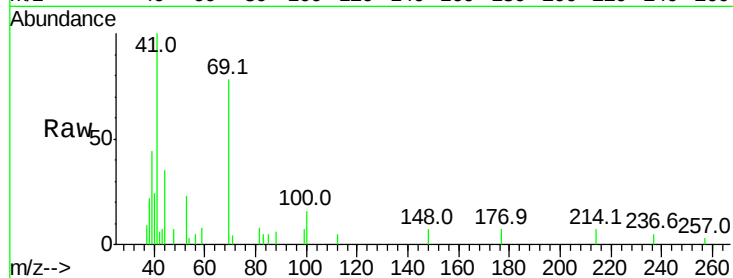




#43
Methyl Methacrylate
Concen: 0.034 ppbv
RT: 8.02 min Scan# 1627
Delta R.T. -0.00 min
Lab File: VL034859.D
Acq: 10 Mar 2020 4:21

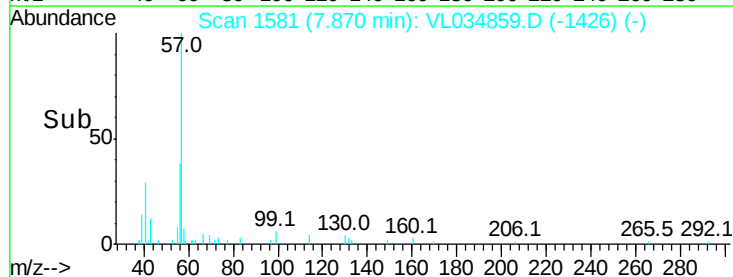
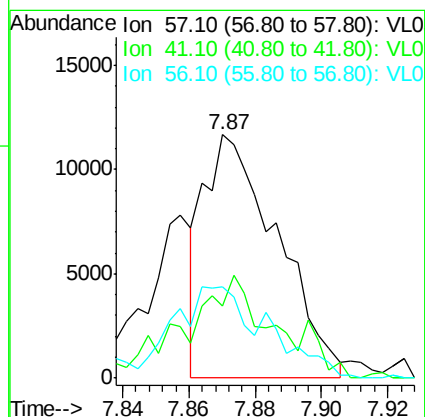
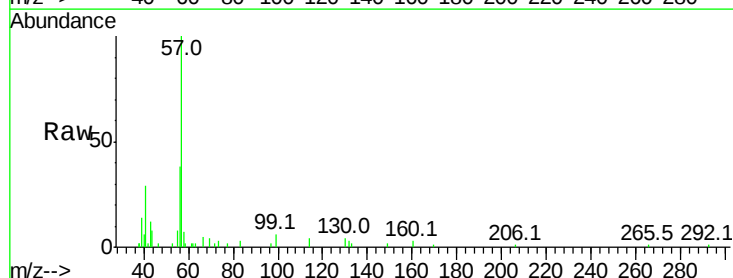
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2020

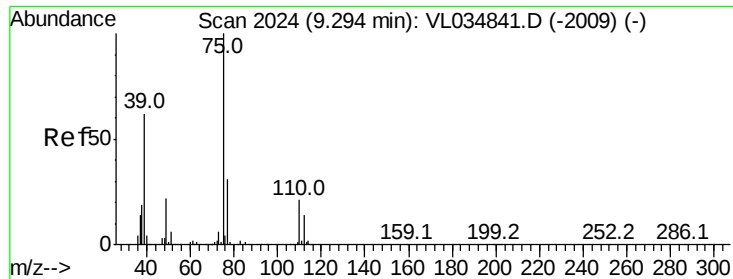
Tgt Ion: 69 Resp: 2500
Ion Ratio Lower Upper
69 100
41 425.8 123.2 184.8#
100 91.2 26.9 40.3#



#44
2,2,4-Trimethylpentane
Concen: 0.061 ppbv
RT: 7.87 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VL034859.D
Acq: 10 Mar 2020 4:21

Tgt Ion: 57 Resp: 17950
Ion Ratio Lower Upper
57 100
41 54.6 26.2 39.4#
56 50.1 25.0 37.4#

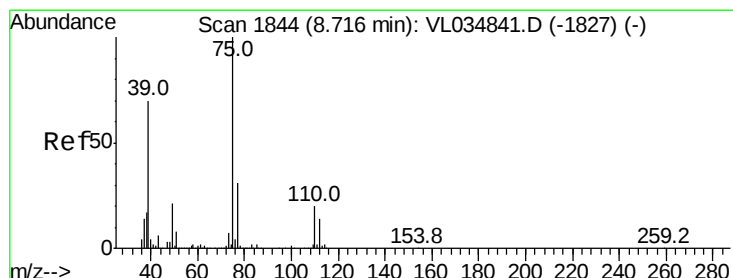
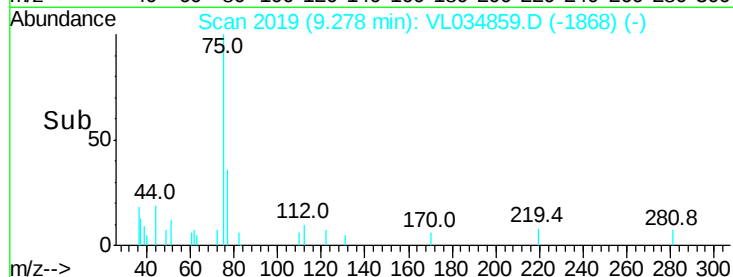
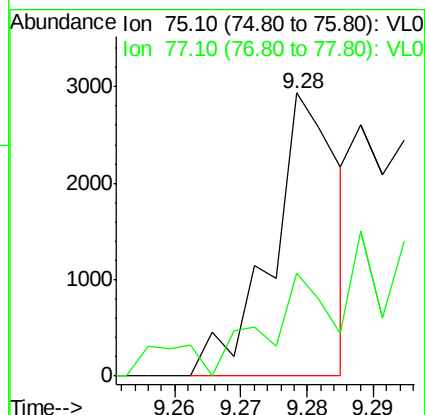
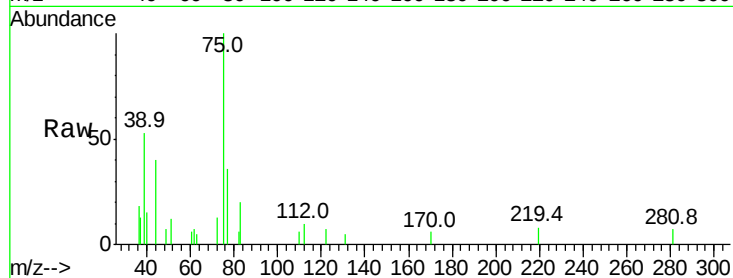




#45
t-1,3-Dichloropropene
Concen: 0.023 ppbv
RT: 9.28 min Scan# 2019
Delta R.T. -0.02 min
Lab File: VL034859.D
Acq: 10 Mar 2020 4:21

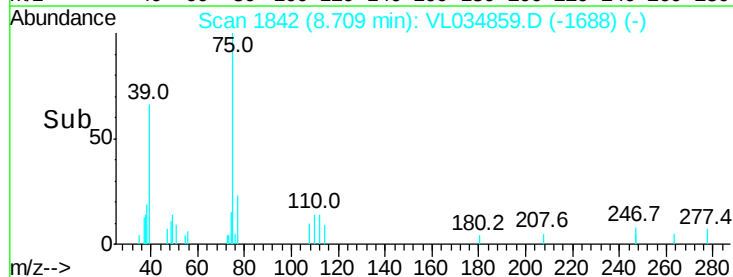
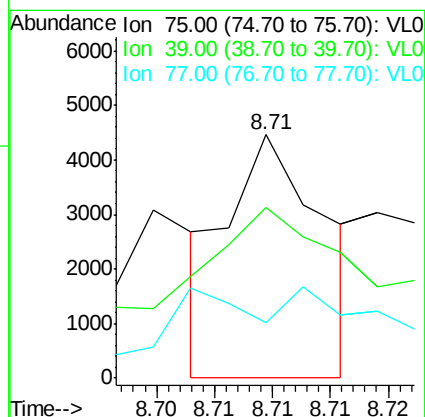
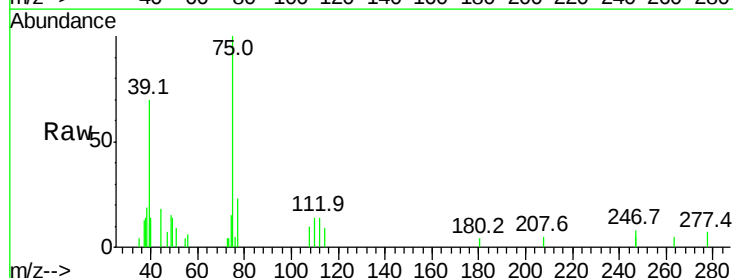
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2020

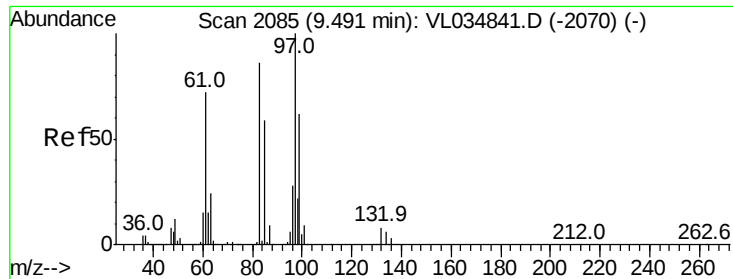
Tgt Ion: 75 Resp: 2024
Ion Ratio Lower Upper
75 100
77 36.2 24.6 37.0



#46
cis-1,3-Dichloropropene
Concen: 0.025 ppbv
RT: 8.71 min Scan# 1842
Delta R.T. -0.01 min
Lab File: VL034859.D
Acq: 10 Mar 2020 4:21

Tgt Ion: 75 Resp: 2548
Ion Ratio Lower Upper
75 100
39 71.4 55.7 83.5
77 0.0 24.7 37.1#





#47

1,1,2-Trichloroethane

Concen: 0.079 ppbv

RT: 9.49 min Scan# 2086

Delta R.T. 0.00 min

Lab File: VL034859.D

Acq: 10 Mar 2020 4:21

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT1-2020

Tgt Ion: 97 Resp: 5641

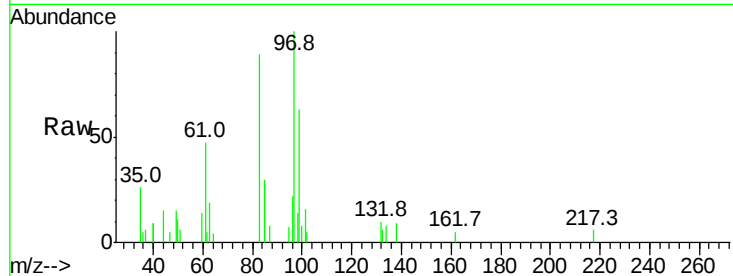
Ion Ratio Lower Upper

97 100

83 74.3 68.6 102.8

85 58.6 46.9 70.3

99 55.9 49.9 74.9

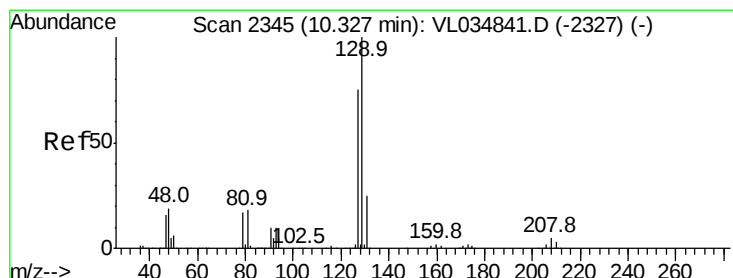
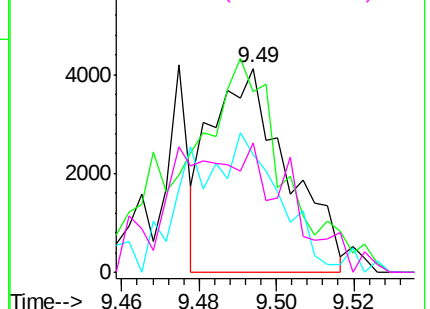
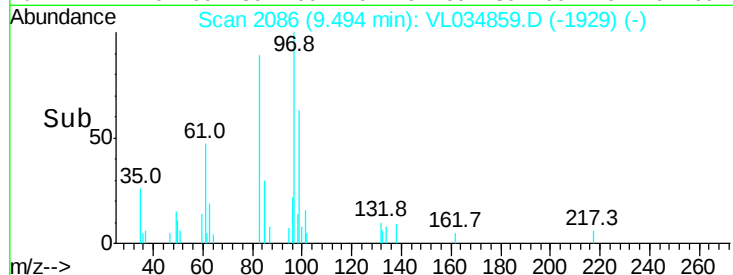


Abundance Ion 97.00 (96.70 to 97.70): VL0

Ion 83.00 (82.70 to 83.70): VL0

Ion 85.00 (84.70 to 85.70): VL0

Ion 99.00 (98.70 to 99.70): VL0



#48

Dibromochloromethane

Concen: 0.014 ppbv

RT: 10.33 min Scan# 2345

Delta R.T. 0.00 min

Lab File: VL034859.D

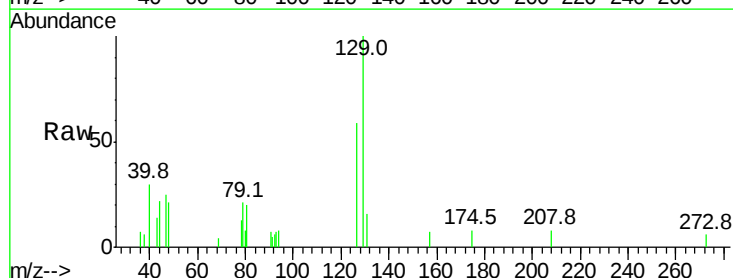
Acq: 10 Mar 2020 4:21

Tgt Ion: 129 Resp: 1638

Ion Ratio Lower Upper

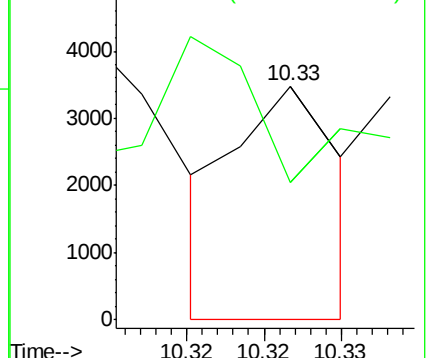
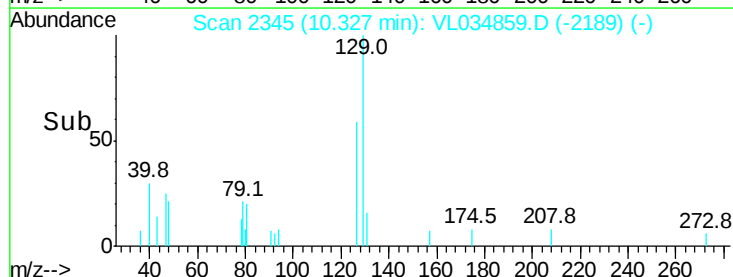
129 100

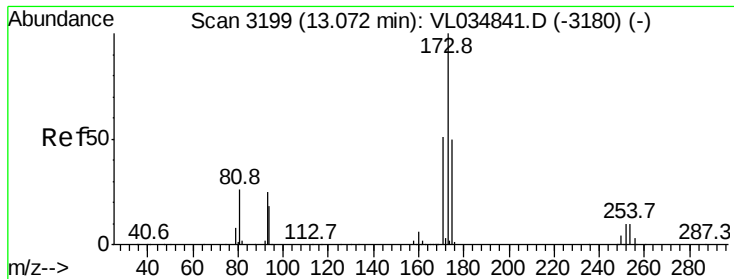
127 405.4 39.6 118.7#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V





#49

Bromoform

Concen: 0.013 ppbv

RT: 13.07 min Scan# 3197

Delta R.T. -0.01 min

Lab File: VL034859.D

Acq: 10 Mar 2020 4:21

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT1-2020

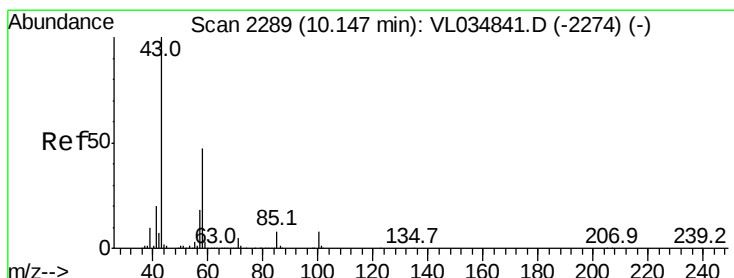
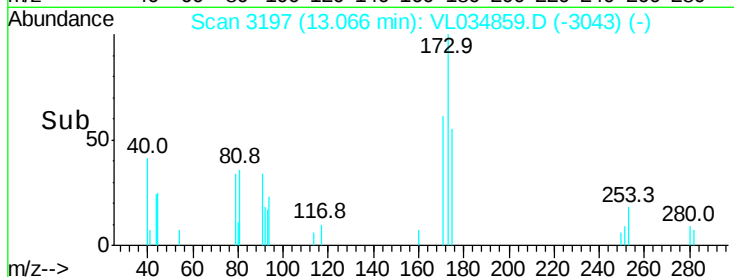
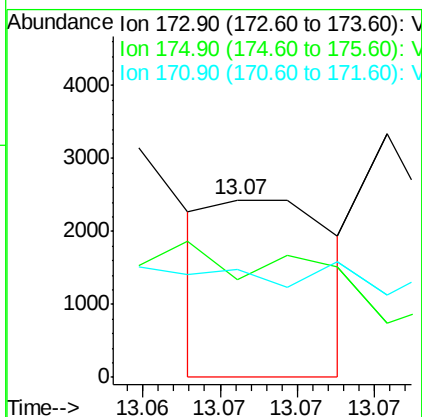
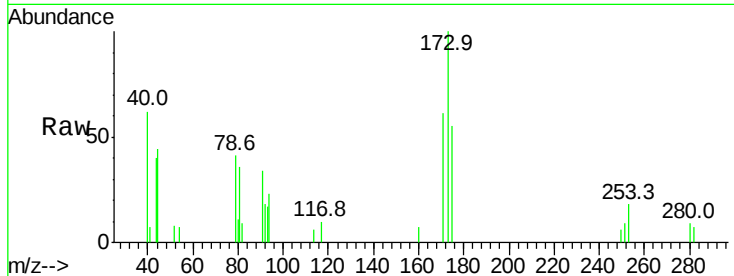
Tgt Ion:173 Resp: 1313

Ion Ratio Lower Upper

173 100

175 245.0 39.6 59.4#

171 0.0 41.0 61.6#



#51

2-Hexanone

Concen: 0.020 ppbv

RT: 10.18 min Scan# 2298

Delta R.T. 0.03 min

Lab File: VL034859.D

Acq: 10 Mar 2020 4:21

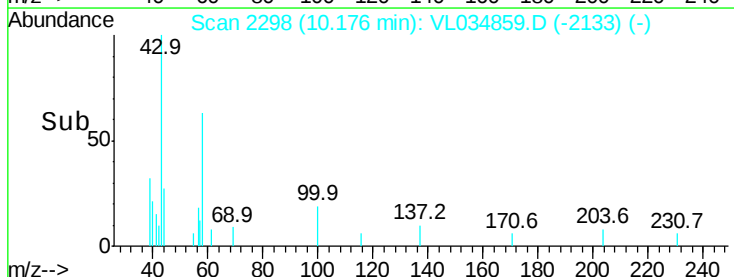
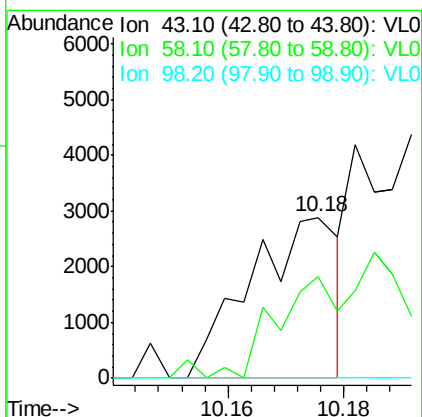
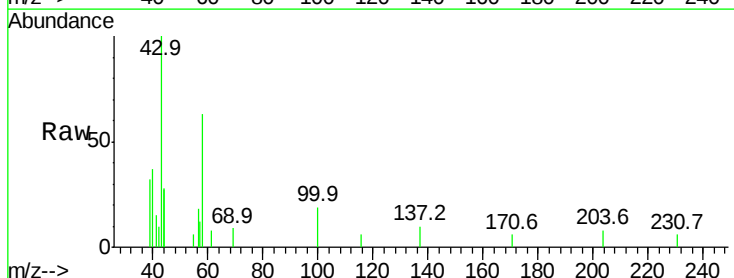
Tgt Ion: 43 Resp: 3078

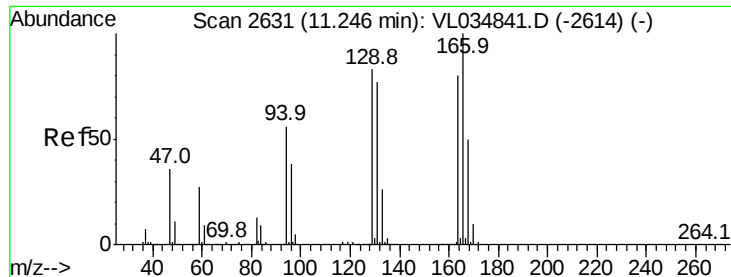
Ion Ratio Lower Upper

43 100

58 0.0 38.6 58.0#

98 0.0 0.1 0.1#





#52

Tetrachloroethene

Concen: 0.022 ppbv

RT: 11.26 min Scan# 2634

Delta R.T. 0.01 min

Lab File: VL034859.D

Acq: 10 Mar 2020 4:21

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT1-2020

Tgt Ion:164 Resp: 1523

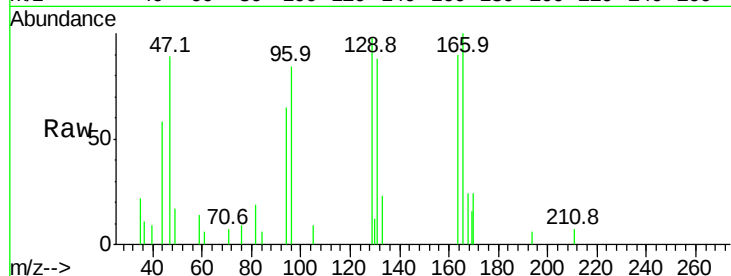
Ion Ratio Lower Upper

164 100

166 104.5 100.0 150.0

129 109.9 83.1 124.7

131 97.8 77.2 115.8

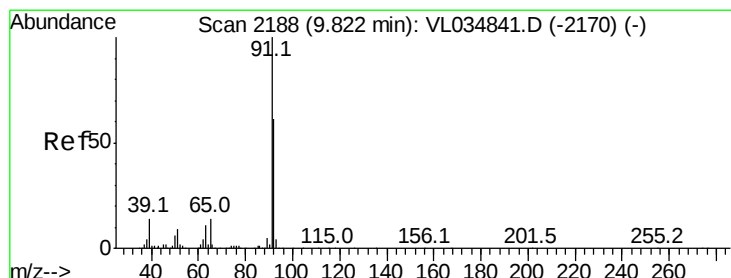
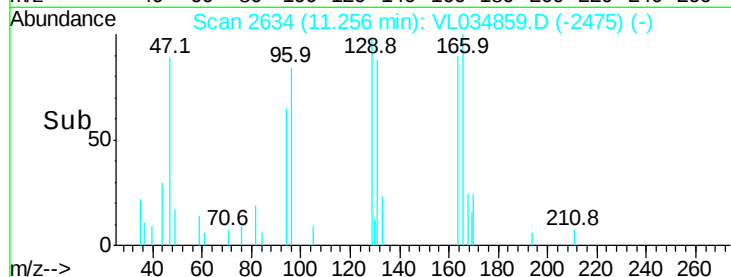
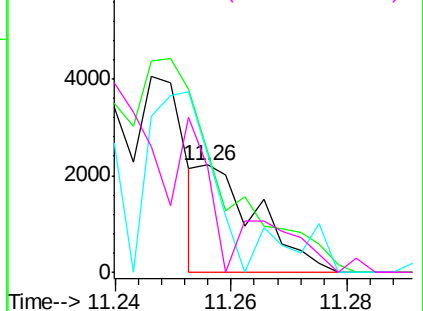


Abundance Ion 163.90 (163.60 to 164.60): V

Ion 165.90 (165.60 to 166.60): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V



#53

Toluene

Concen: 0.055 ppbv

RT: 9.82 min Scan# 2186

Delta R.T. -0.01 min

Lab File: VL034859.D

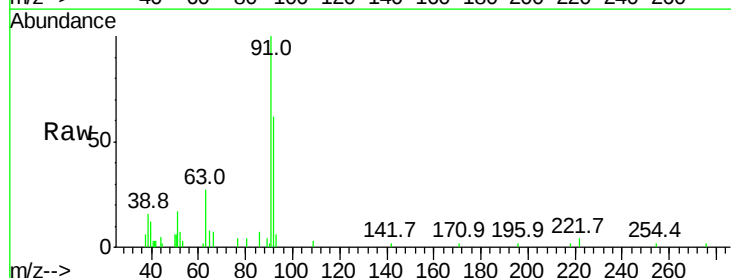
Acq: 10 Mar 2020 4:21

Tgt Ion: 91 Resp: 11093

Ion Ratio Lower Upper

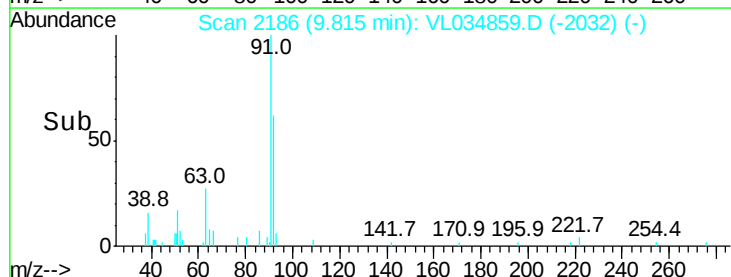
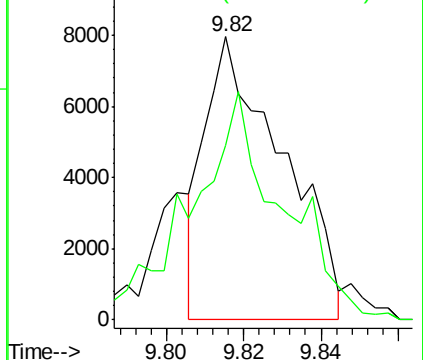
91 100

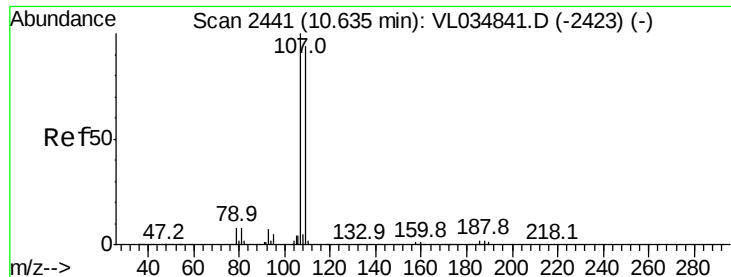
92 96.3 48.6 72.8#



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 92.10 (91.80 to 92.80): VL0

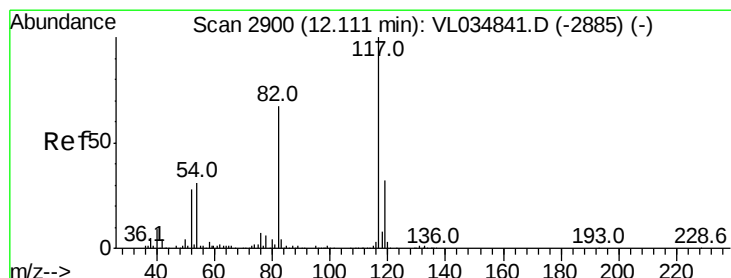
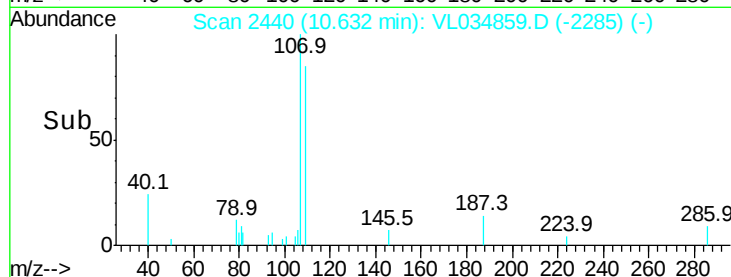
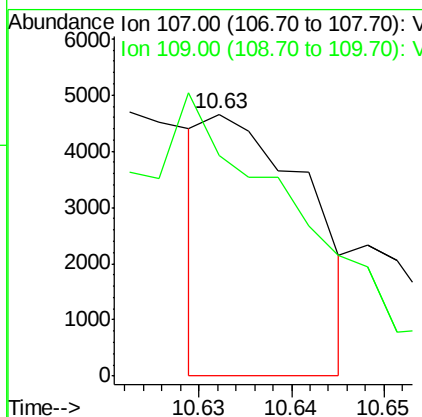
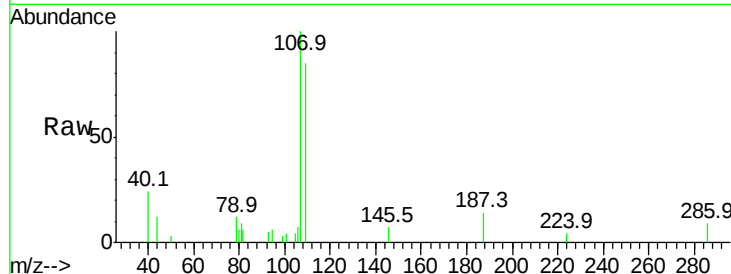




#54
1,2-Dibromoethane
Concen: 0.033 ppbv
RT: 10.63 min Scan# 2440
Delta R.T. -0.00 min
Lab File: VL034859.D
Acq: 10 Mar 2020 4:21

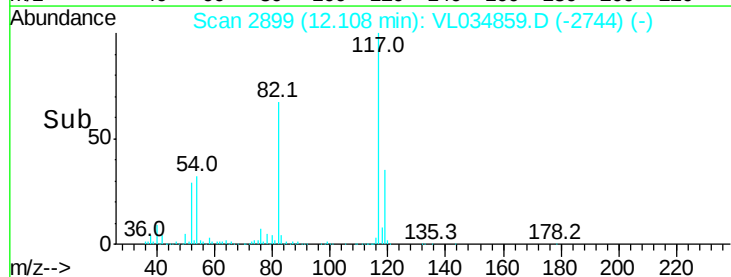
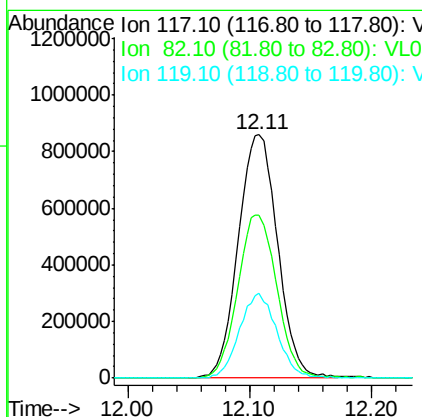
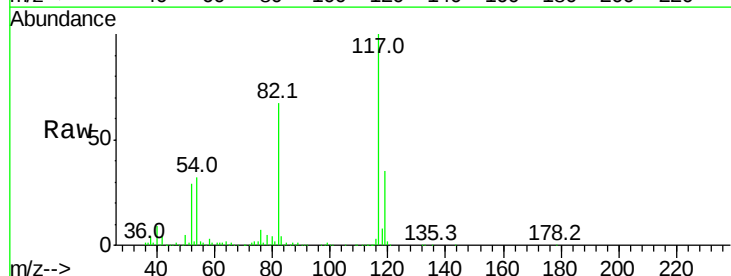
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2020

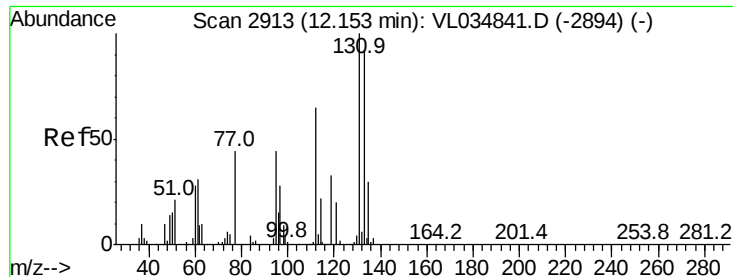
Tgt Ion:107 Resp: 3554
Ion Ratio Lower Upper
107 100
109 71.0 74.9 112.3#



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.11 min Scan# 2899
Delta R.T. -0.00 min
Lab File: VL034859.D
Acq: 10 Mar 2020 4:21

Tgt Ion:117 Resp: 1916548
Ion Ratio Lower Upper
117 100
82 66.9 51.1 76.7
119 33.3 27.3 40.9





#56

1,1,1,2-Tetrachloroethane

Concen: 0.038 ppbv

RT: 12.15 min Scan# 2911

Delta R.T. -0.01 min

Lab File: VL034859.D

Acq: 10 Mar 2020 4:21

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT1-2020

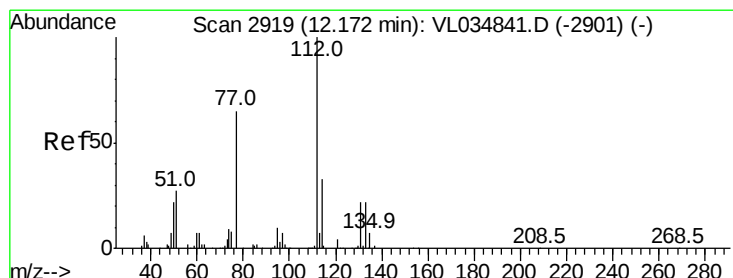
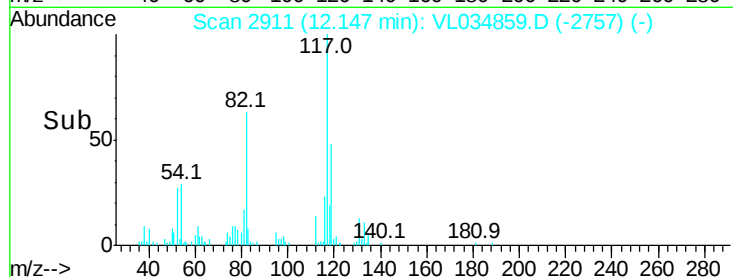
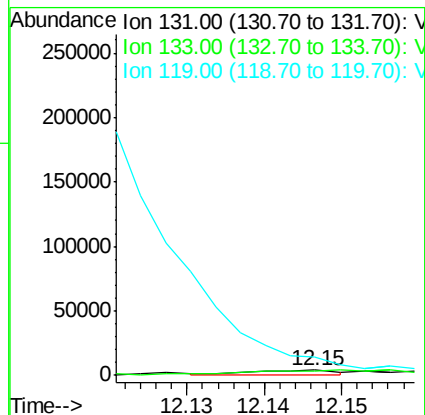
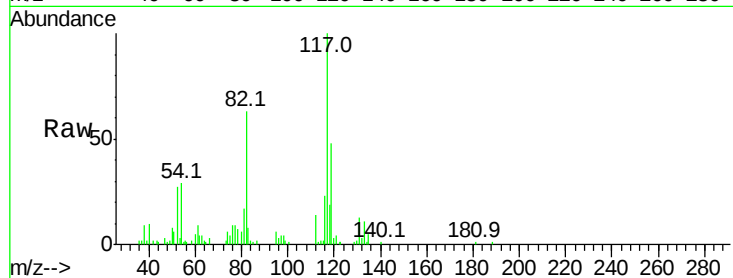
Tgt Ion:131 Resp: 3308

Ion Ratio Lower Upper

131 100

133 240.7 76.0 114.0#

119 0.0 47.8 71.8#



#57

Chlorobenzene

Concen: 0.048 ppbv

RT: 12.17 min Scan# 2919

Delta R.T. 0.00 min

Lab File: VL034859.D

Acq: 10 Mar 2020 4:21

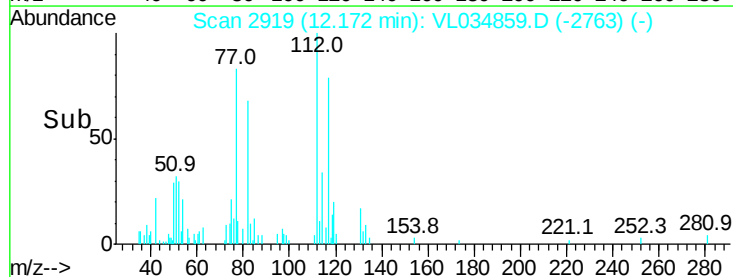
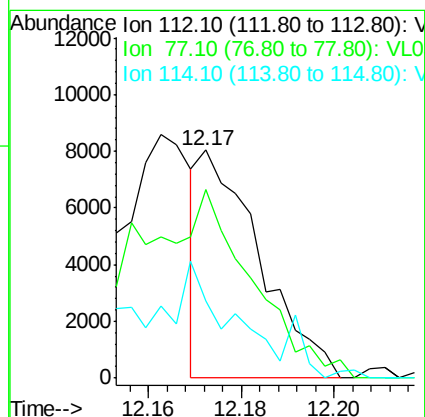
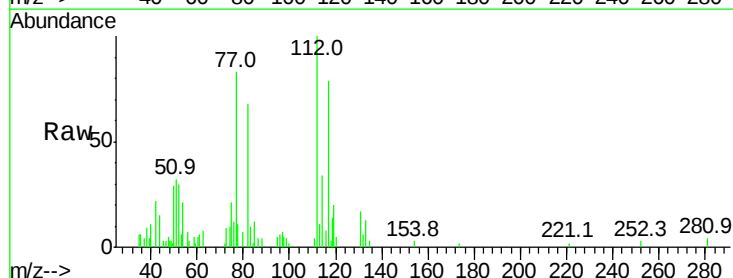
Tgt Ion:112 Resp: 7213

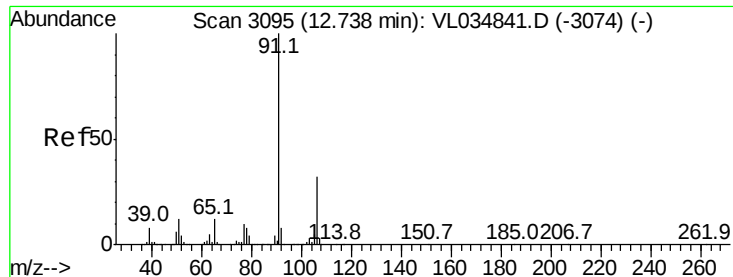
Ion Ratio Lower Upper

112 100

77 86.0 53.0 79.6#

114 31.2 29.5 36.1





#58

Ethyl Benzene

Concen: 0.018 ppbv

RT: 12.98 min Scan# 3170

Delta R.T. 0.24 min

Lab File: VL034859.D

Acq: 10 Mar 2020 4:21

Instrument :

MSVOA_L

ClientSampleId :

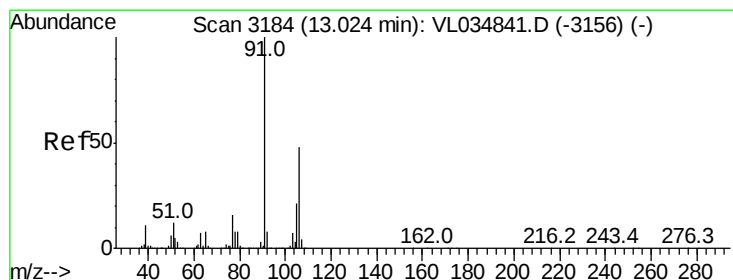
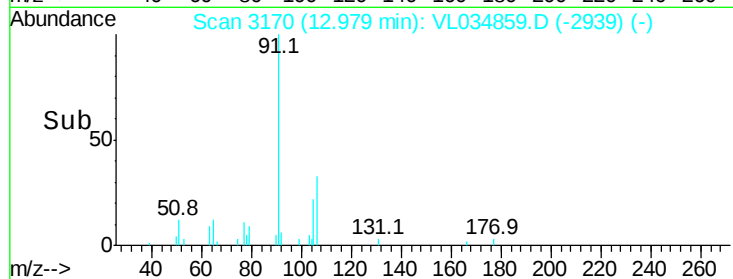
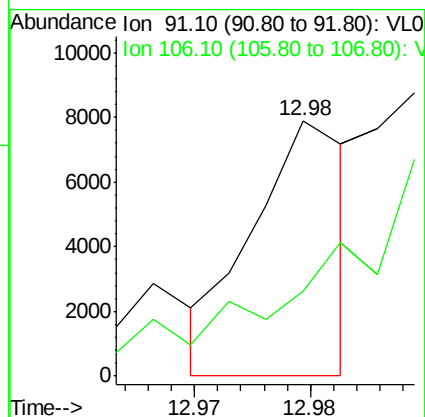
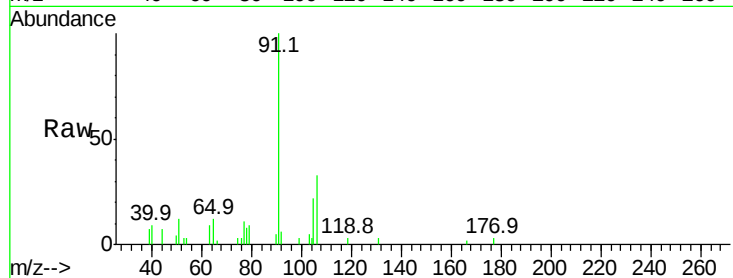
LOD-MDL-AIR-01-QT1-2020

Tgt Ion: 91 Resp: 4543

Ion Ratio Lower Upper

91 100

106 28.7 25.8 38.6



#59

m/p-Xylene

Concen: 0.038 ppbv

RT: 13.02 min Scan# 3184

Delta R.T. 0.00 min

Lab File: VL034859.D

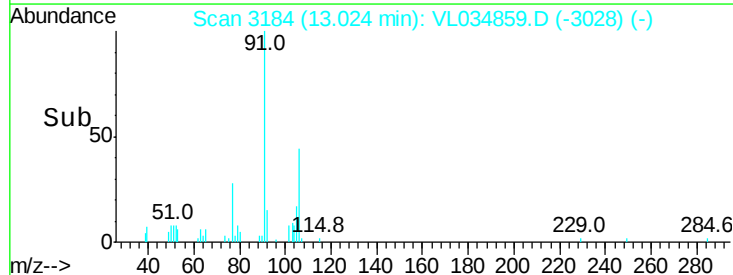
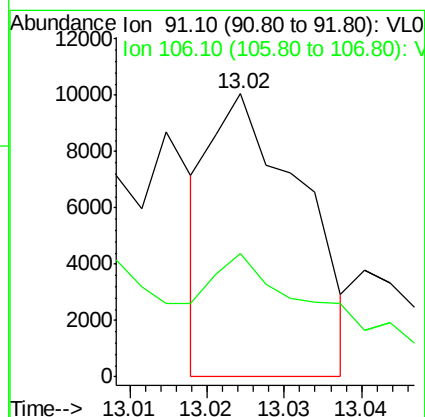
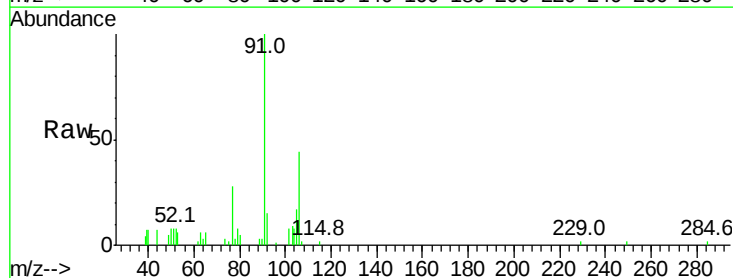
Acq: 10 Mar 2020 4:21

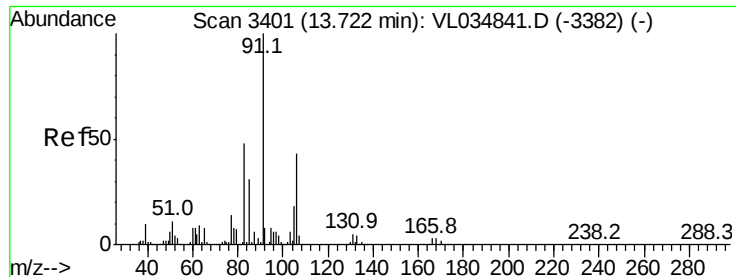
Tgt Ion: 91 Resp: 8280

Ion Ratio Lower Upper

91 100

106 0.0 37.1 55.7#





#60

o-Xylene

Concen: 0.014 ppbv

RT: 13.72 min Scan# 3400

Delta R.T. -0.00 min

Lab File: VL034859.D

Acq: 10 Mar 2020 4:21

Instrument :

MSVOA_L

ClientSampleId :

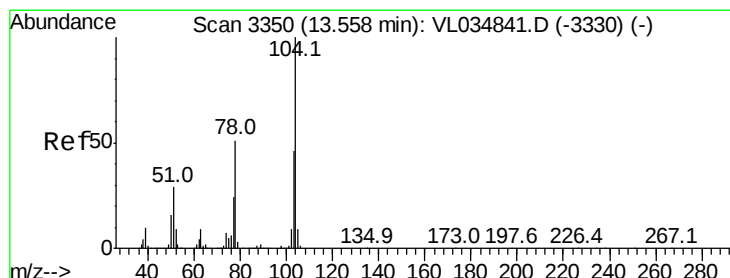
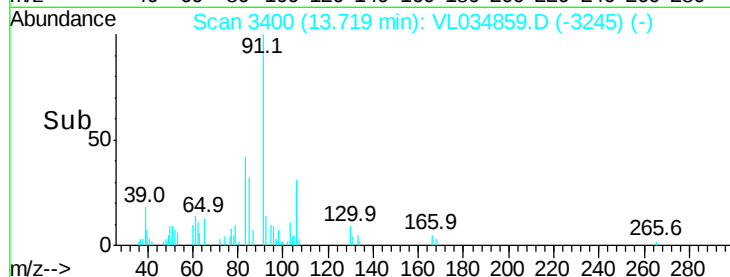
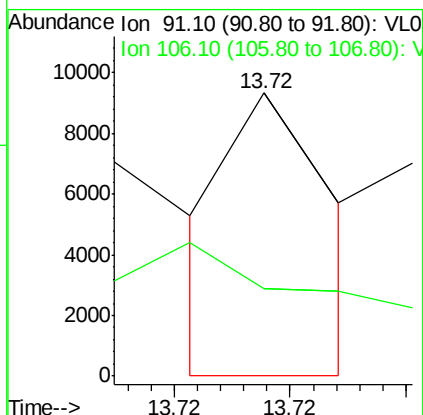
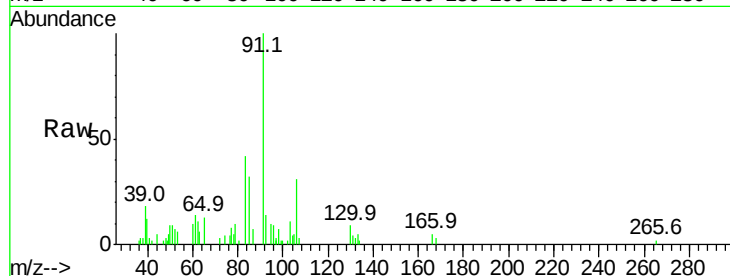
LOD-MDL-AIR-01-QT1-2020

Tgt Ion: 91 Resp: 2902

Ion Ratio Lower Upper

91 100

106 262.1 22.5 67.5#



#61

Styrene

Concen: 0.012 ppbv

RT: 13.56 min Scan# 3351

Delta R.T. 0.00 min

Lab File: VL034859.D

Acq: 10 Mar 2020 4:21

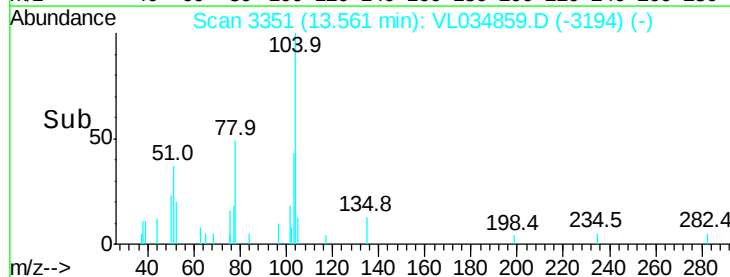
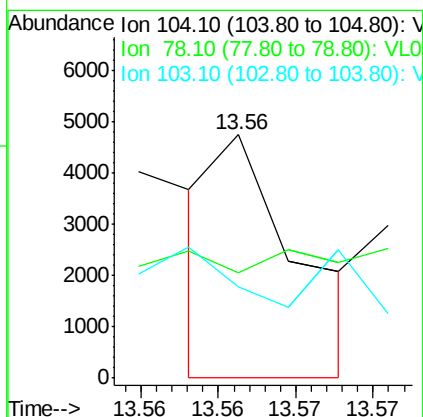
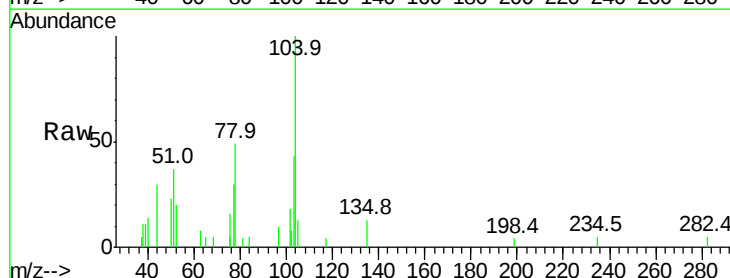
Tgt Ion: 104 Resp: 1755

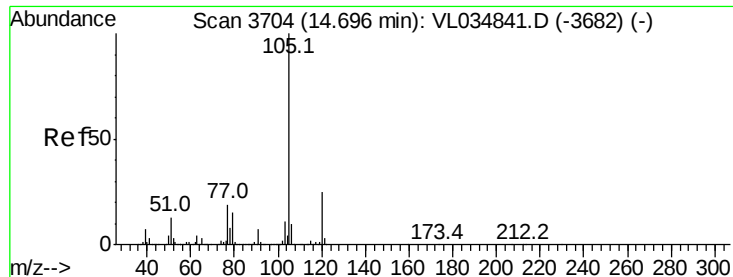
Ion Ratio Lower Upper

104 100

78 0.0 41.8 62.6#

103 0.0 37.8 56.6#





#62

Isopropylbenzene

Concen: 0.027 ppbv

RT: 14.69 min Scan# 3703

Delta R.T. -0.00 min

Lab File: VL034859.D

Acq: 10 Mar 2020 4:21

Instrument :

MSVOA_L

ClientSampleId :

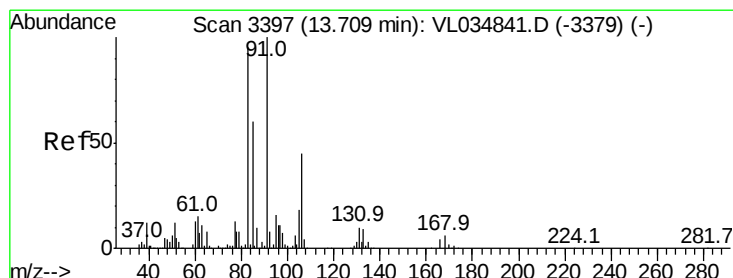
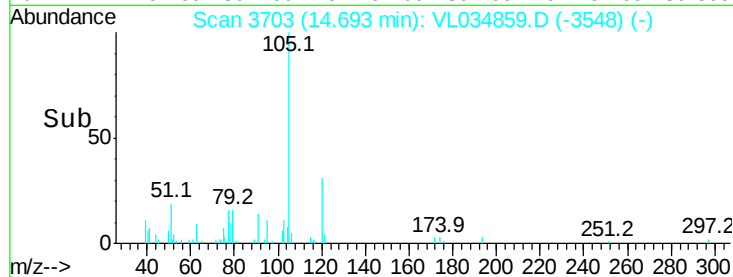
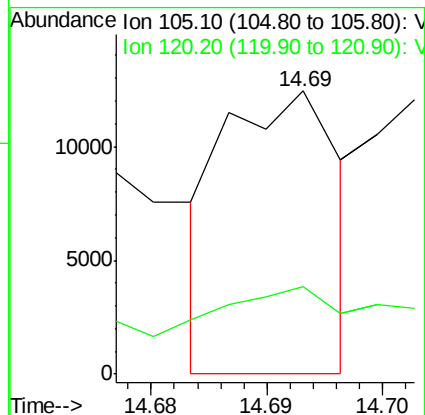
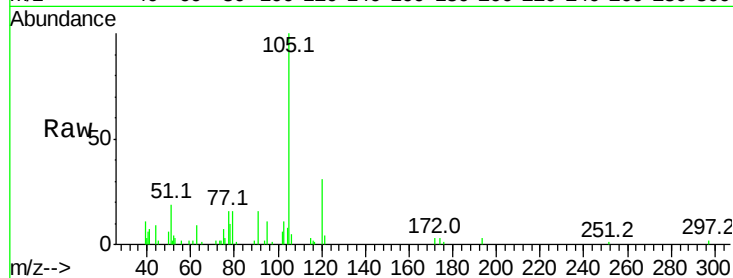
LOD-MDL-AIR-01-QT1-2020

Tgt Ion:105 Resp: 8511

Ion Ratio Lower Upper

105 100

120 93.1 21.0 31.4#



#63

1,1,2,2-Tetrachloroethane

Concen: 0.037 ppbv

RT: 13.70 min Scan# 3394

Delta R.T. -0.01 min

Lab File: VL034859.D

Acq: 10 Mar 2020 4:21

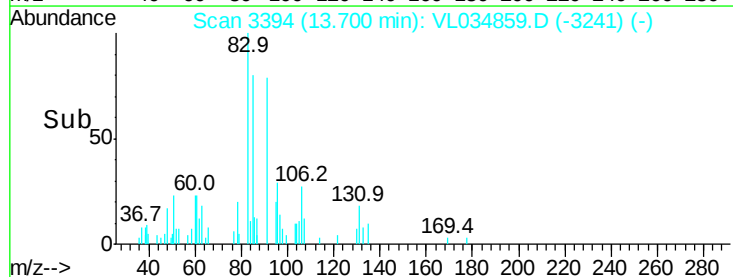
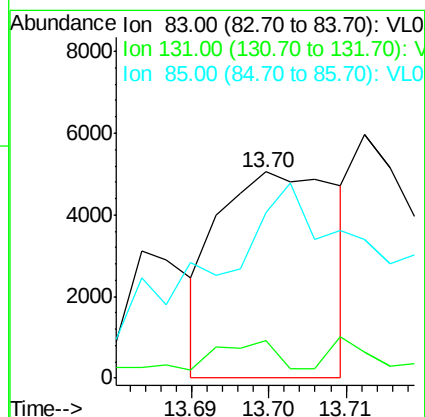
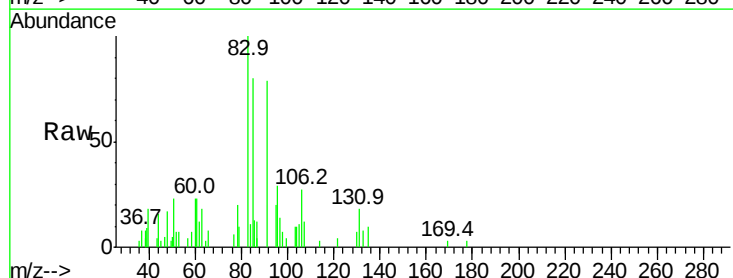
Tgt Ion: 83 Resp: 5396

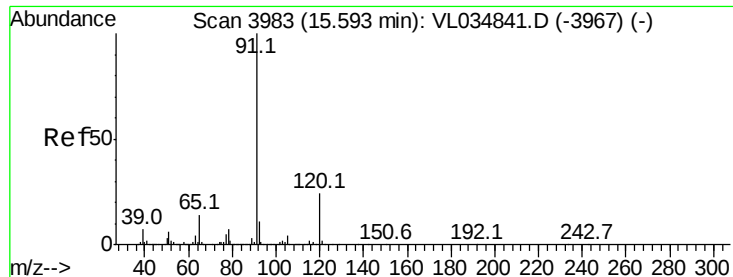
Ion Ratio Lower Upper

83 100

131 0.0 5.0 14.9#

85 189.1 32.4 97.2#





#64

n-propylbenzene

Concen: 0.015 ppbv

RT: 15.59 min Scan# 3982

Delta R.T. -0.00 min

Lab File: VL034859.D

Acq: 10 Mar 2020 4:21

Instrument :

MSVOA_L

ClientSampleId :

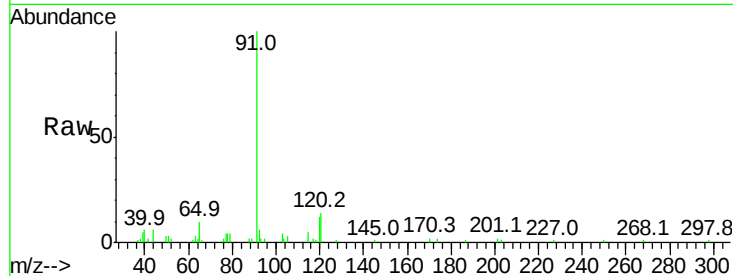
LOD-MDL-AIR-01-QT1-2020

Tgt Ion:120 Resp: 1259

Ion Ratio Lower Upper

120 100

91 2805.6 360.9 541.3#



Abundance Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0

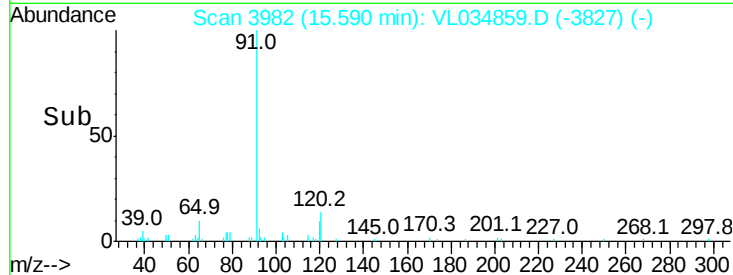
15000

10000

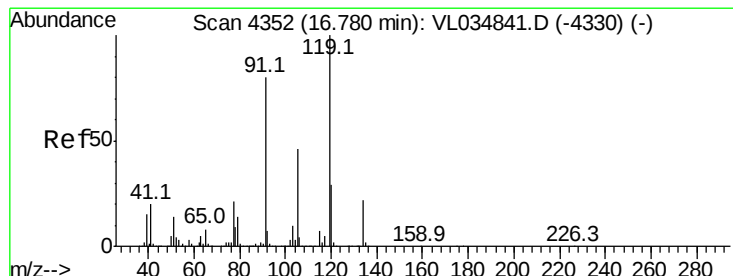
5000

0

Time-->



Time-->



#65

tert-Butylbenzene

Concen: 0.018 ppbv

RT: 16.77 min Scan# 4349

Delta R.T. -0.01 min

Lab File: VL034859.D

Acq: 10 Mar 2020 4:21

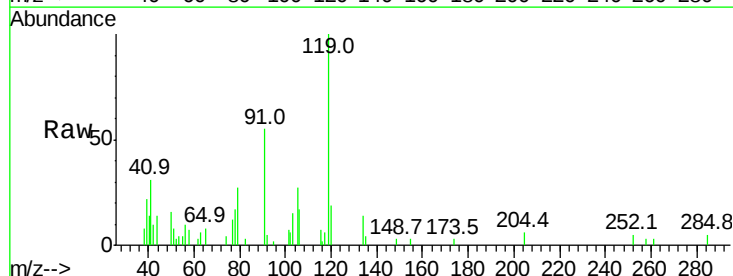
Tgt Ion:119 Resp: 5075

Ion Ratio Lower Upper

119 100

91 0.0 64.9 97.3#

134 0.0 15.9 23.9#



Abundance Ion 119.20 (118.90 to 119.90): V

Ion 91.10 (90.80 to 91.80): VL0

Ion 134.20 (133.90 to 134.90): V

8000

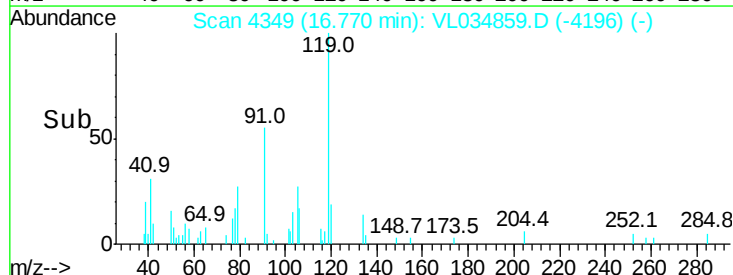
6000

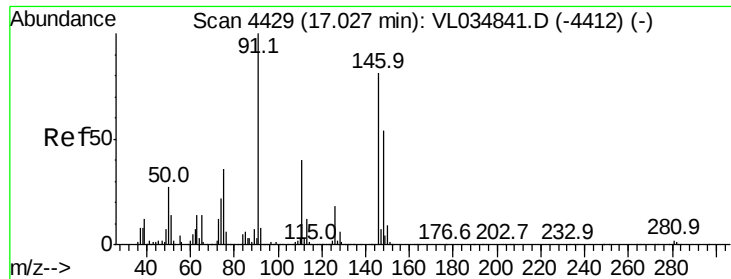
4000

2000

0

Time-->

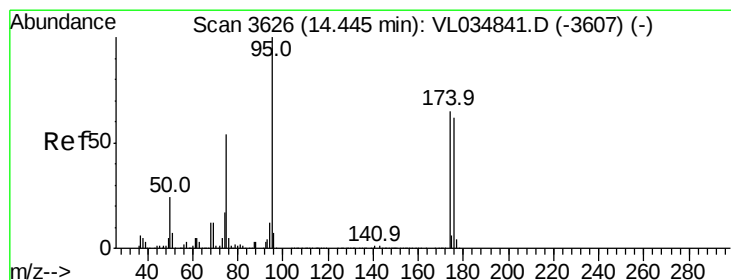
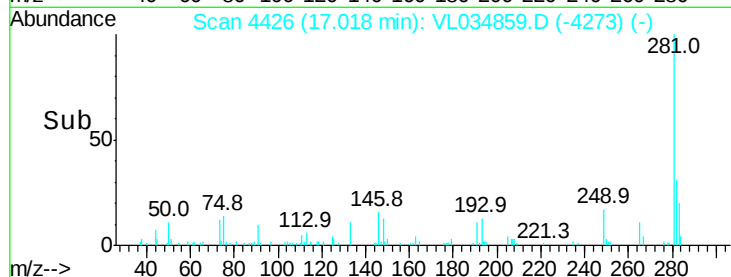
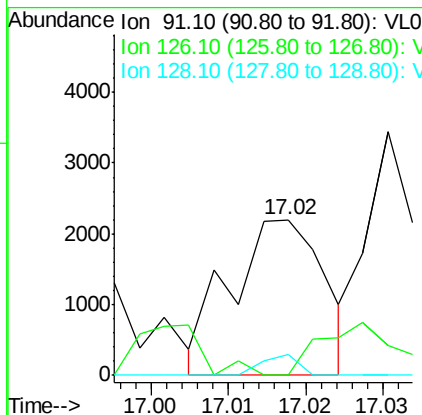
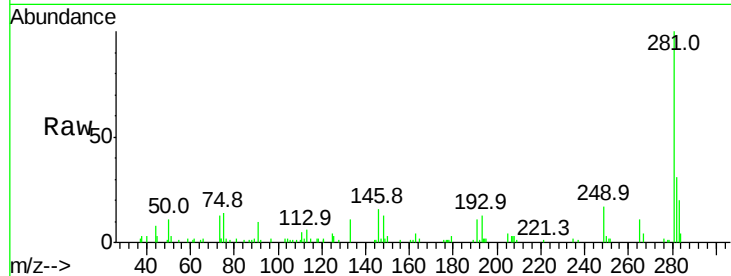




#66
Benzyl Chloride
Concen: 0.016 ppbv
RT: 17.02 min Scan# 4426
Delta R.T. -0.01 min
Lab File: VL034859.D
Acq: 10 Mar 2020 4:21

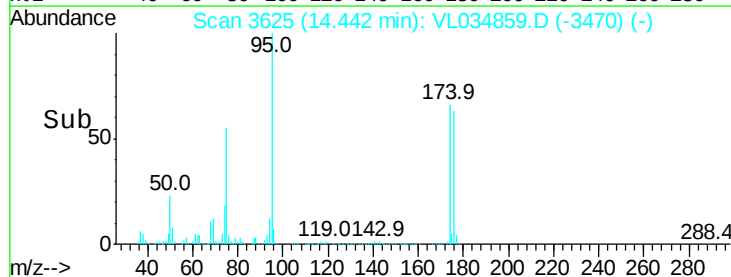
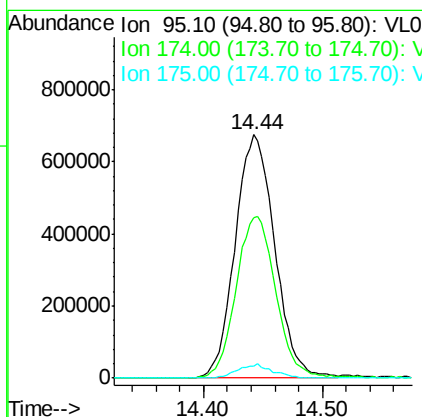
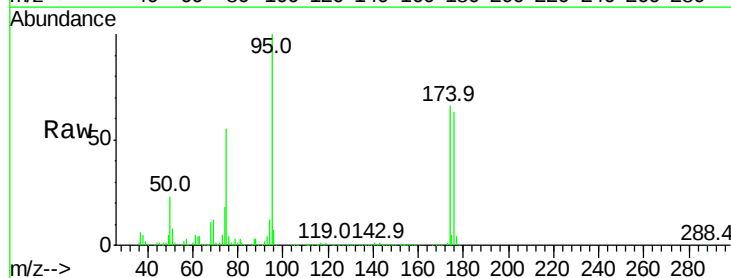
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2020

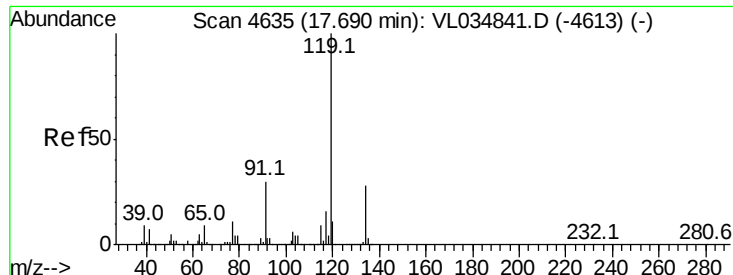
Tgt Ion: 91 Resp: 1857
Ion Ratio Lower Upper
91 100
126 0.0 14.7 22.1#
128 5.2 4.7 7.1



#68
1-Bromo-4-Fluorobenzene
Concen: 10.422 ppbv
RT: 14.44 min Scan# 3625
Delta R.T. -0.00 min
Lab File: VL034859.D
Acq: 10 Mar 2020 4:21

Tgt Ion: 95 Resp: 1557729
Ion Ratio Lower Upper
95 100
174 66.9 55.2 82.8
175 5.1 4.3 6.5

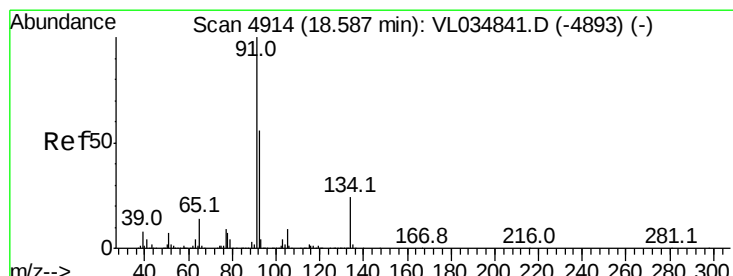
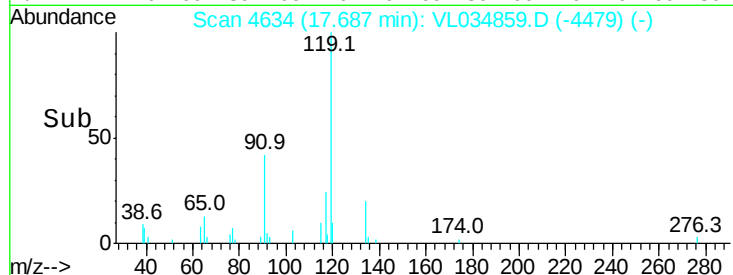
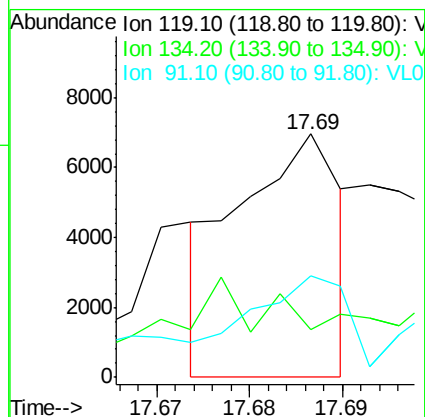
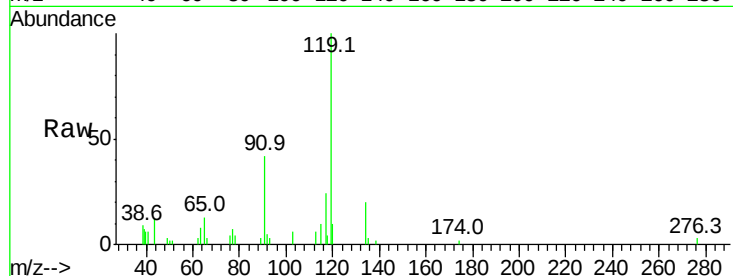




#69
p-Isopropyltoluene
Concen: 0.016 ppbv
RT: 17.69 min Scan# 4634
Delta R.T. -0.00 min
Lab File: VL034859.D
Acq: 10 Mar 2020 4:21

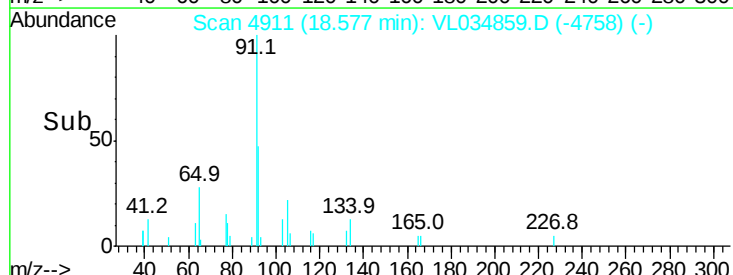
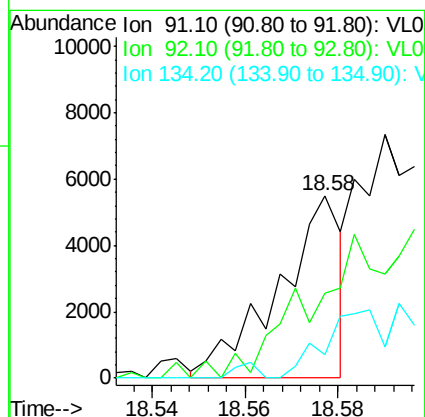
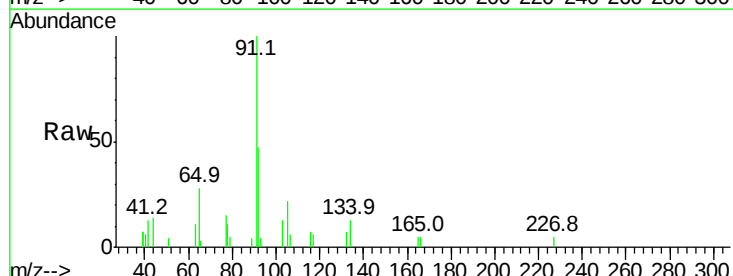
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2020

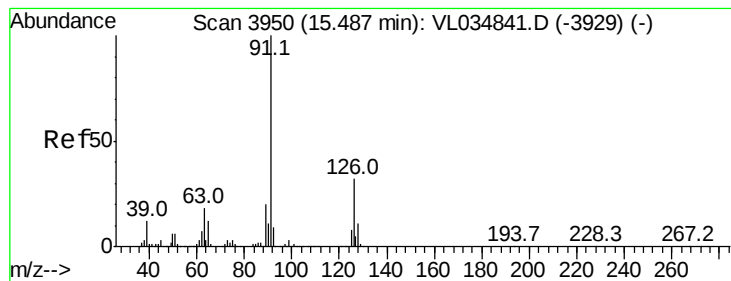
Tgt Ion: 119 Resp: 5348
Ion Ratio Lower Upper
119 100
134 103.5 20.6 30.8#
91 109.3 23.4 35.2#



#70
n-Butylbenzene
Concen: 0.015 ppbv
RT: 18.58 min Scan# 4911
Delta R.T. -0.01 min
Lab File: VL034859.D
Acq: 10 Mar 2020 4:21

Tgt Ion: 91 Resp: 5139
Ion Ratio Lower Upper
91 100
92 0.0 43.8 65.6#
134 0.0 19.0 28.4#





#71

2-Chlorotoluene

Concen: 0.064 ppbv

RT: 15.49 min Scan# 3950

Delta R.T. 0.00 min

Lab File: VL034859.D

Acq: 10 Mar 2020 4:21

Instrument :

MSVOA_L

ClientSampleId :

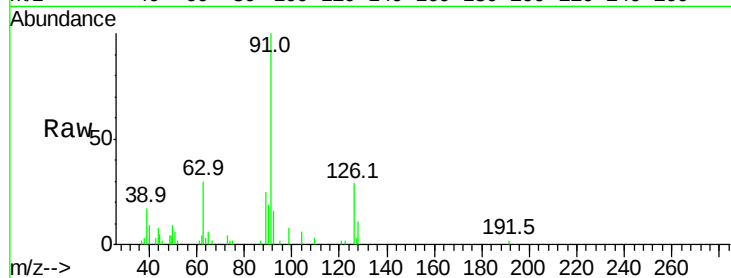
LOD-MDL-AIR-01-QT1-2020

Tgt Ion: 91 Resp: 15542

Ion Ratio Lower Upper

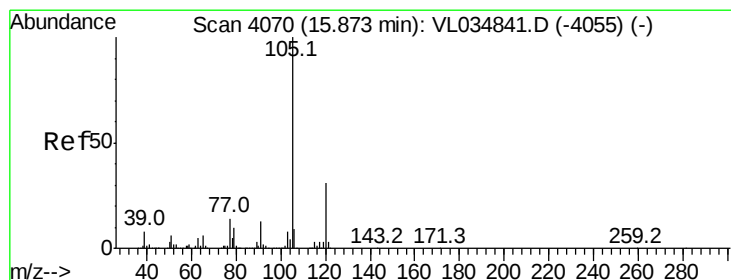
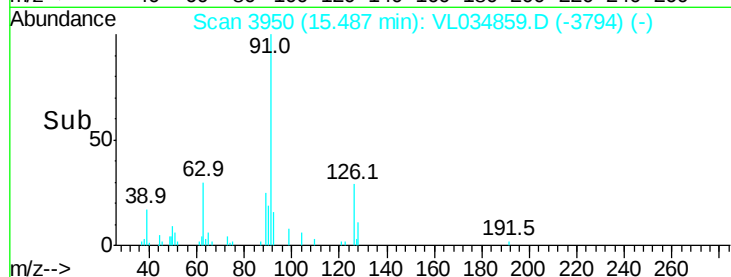
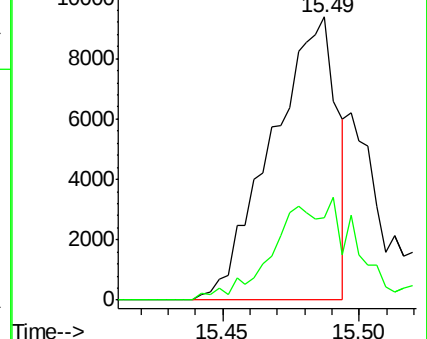
91 100

126 44.0 12.3 49.1



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 126.10 (125.80 to 126.80): V



#72

4-Ethyltoluene

Concen: 0.031 ppbv

RT: 15.87 min Scan# 4070

Delta R.T. 0.00 min

Lab File: VL034859.D

Acq: 10 Mar 2020 4:21

Tgt Ion: 105 Resp: 7668

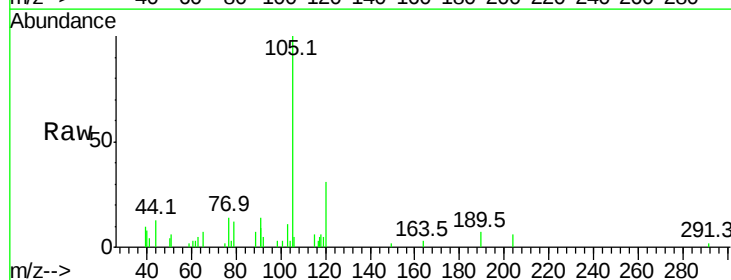
Ion Ratio Lower Upper

105 100

120 0.0 23.7 35.5#

91 0.0 10.5 15.7#

77 0.0 11.1 16.7#

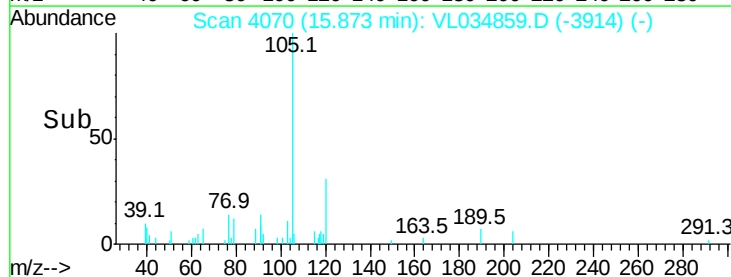
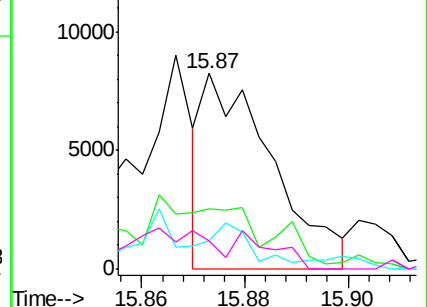


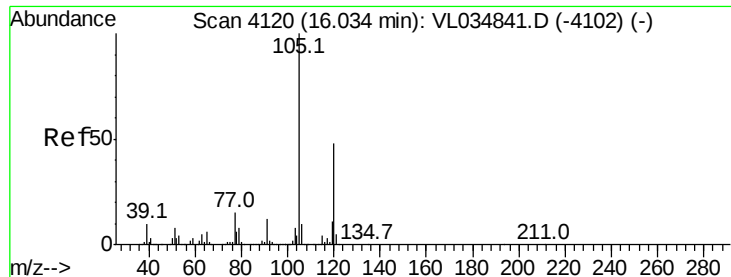
Abundance Ion 105.10 (104.80 to 105.80): V

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





#73

1,3,5-Trimethylbenzene

Concen: 0.032 ppbv

RT: 16.03 min Scan# 4118

Delta R.T. -0.01 min

Lab File: VL034859.D

Acq: 10 Mar 2020 4:21

Instrument :

MSVOA_L

ClientSampleId :

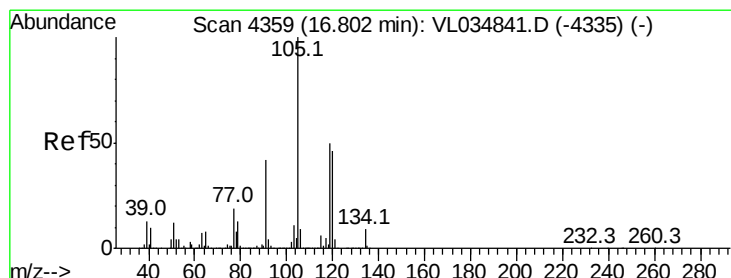
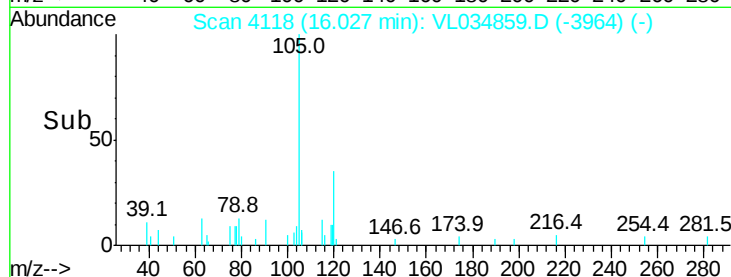
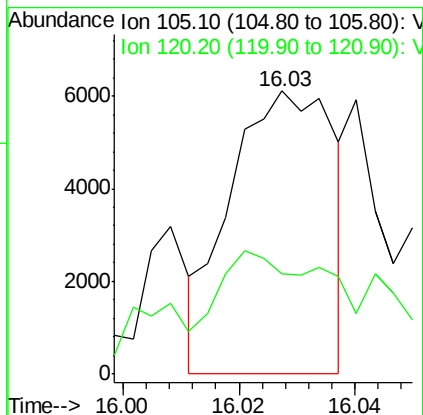
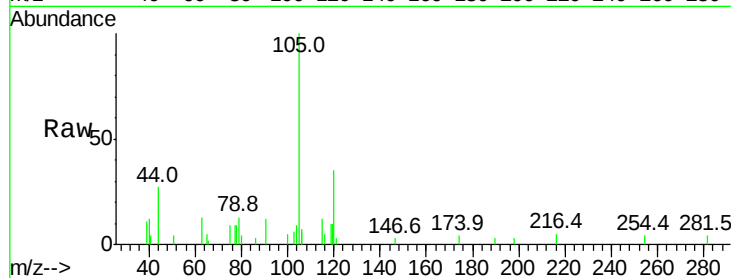
LOD-MDL-AIR-01-QT1-2020

Tgt Ion:105 Resp: 7578

Ion Ratio Lower Upper

105 100

120 30.7 38.6 58.0#



#74

1,2,4-Trimethylbenzene

Concen: 0.019 ppbv

RT: 16.80 min Scan# 4357

Delta R.T. -0.01 min

Lab File: VL034859.D

Acq: 10 Mar 2020 4:21

Tgt Ion:105 Resp: 4583

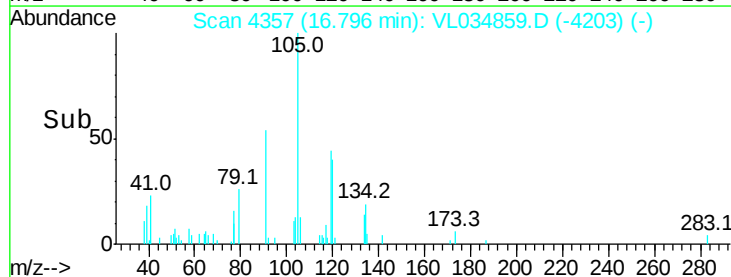
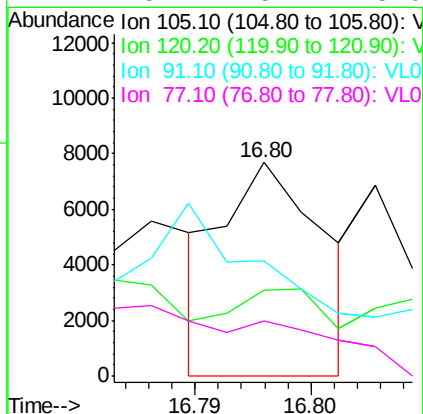
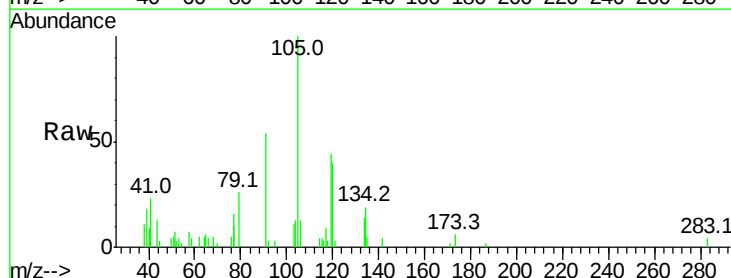
Ion Ratio Lower Upper

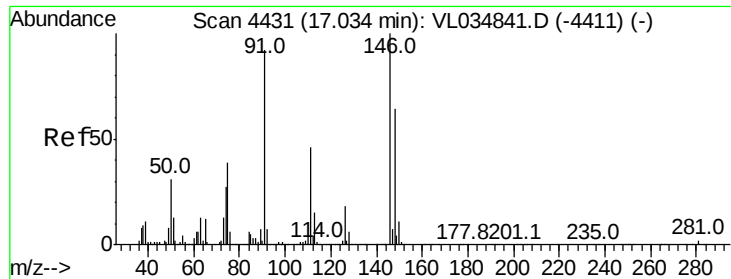
105 100

120 53.6 37.0 55.4

91 65.4 33.8 50.6#

77 23.2 15.4 23.0#

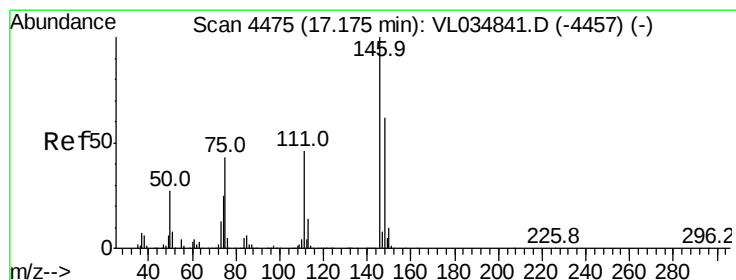
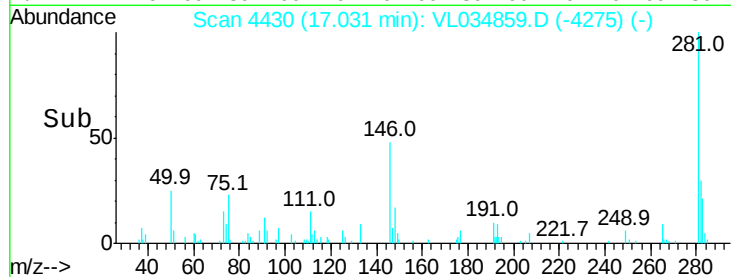
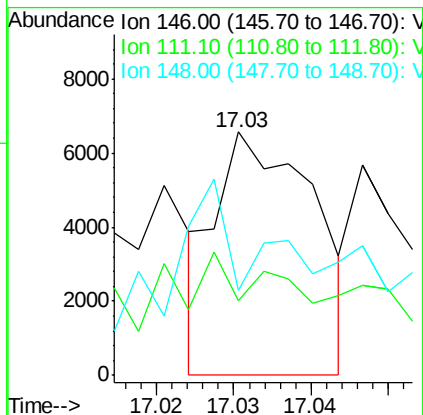
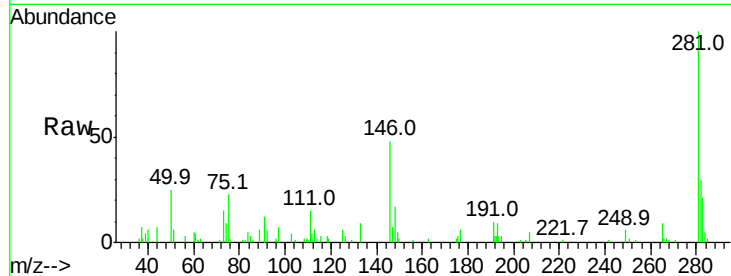




#75
 1,3-Dichlorobenzene
 Concen: 0.040 ppbv
 RT: 17.03 min Scan# 4430
 Delta R.T. -0.00 min
 Lab File: VL034859.D
 Acq: 10 Mar 2020 4:21

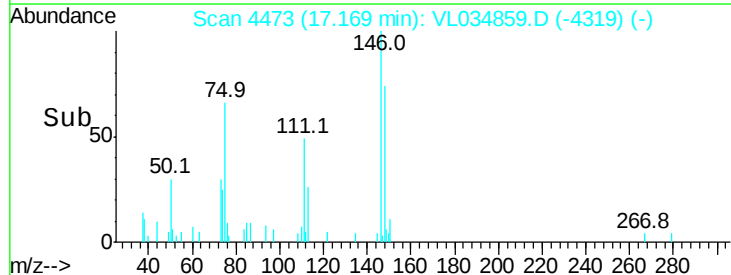
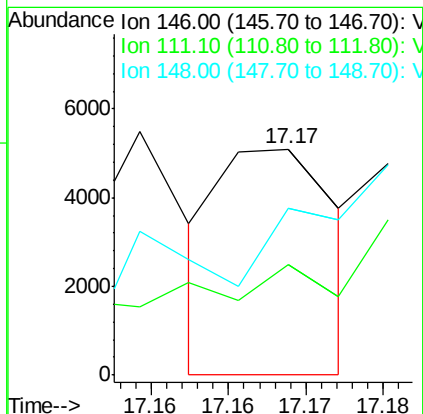
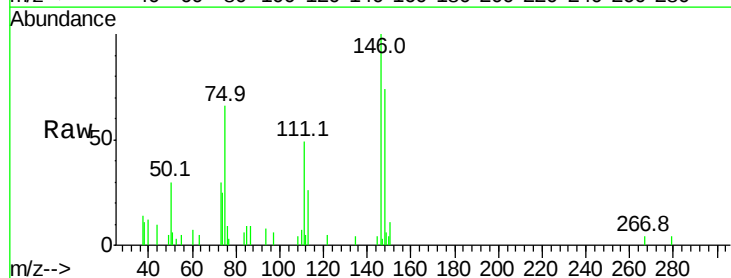
Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT1-2020

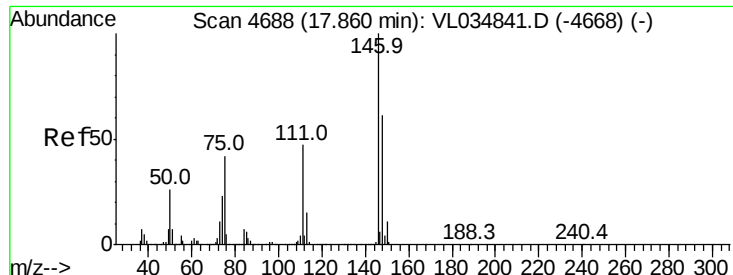
Tgt Ion:146 Resp: 5817
 Ion Ratio Lower Upper
 146 100
 111 136.2 23.9 71.7#
 148 175.8 32.5 97.5#



#76
 1,4-Dichlorobenzene
 Concen: 0.018 ppbv
 RT: 17.17 min Scan# 4473
 Delta R.T. -0.01 min
 Lab File: VL034859.D
 Acq: 10 Mar 2020 4:21

Tgt Ion:146 Resp: 2679
 Ion Ratio Lower Upper
 146 100
 111 0.0 23.4 70.2#
 148 0.0 32.3 96.9#





#77

1,2-Dichlorobenzene

Concen: 0.011 ppbv

RT: 17.85 min Scan# 4686

Delta R.T. -0.01 min

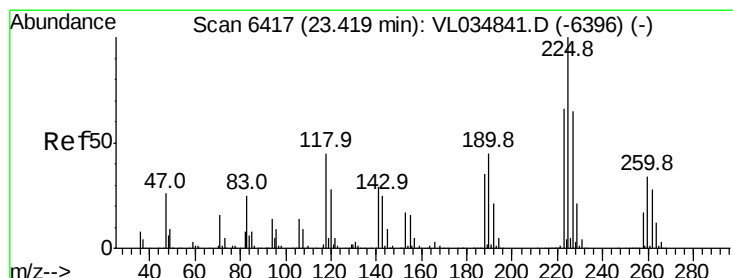
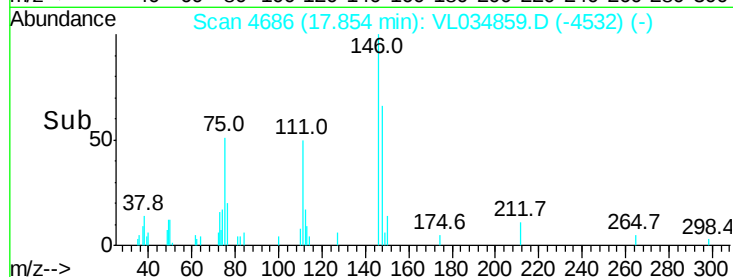
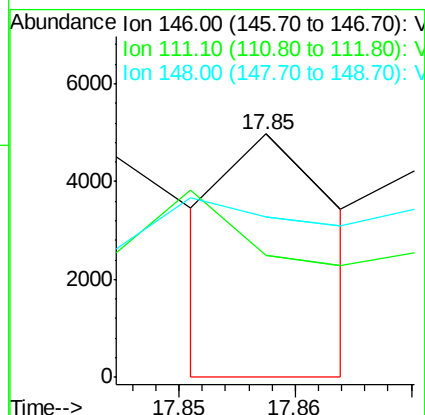
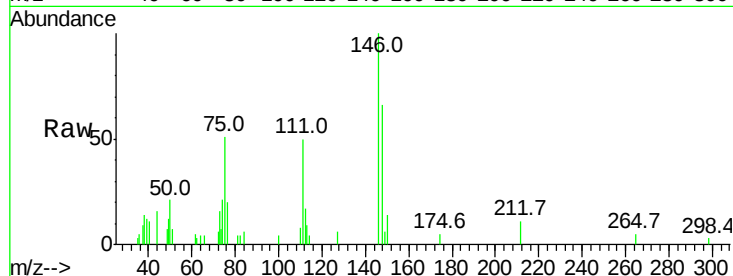
Lab File: VL034859.D

Acq: 10 Mar 2020 4:21

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2020

Tgt Ion:146 Resp: 1620

Ion	Ratio	Lower	Upper
146	100		
111	528.0	23.8	71.4#
148	619.0	31.6	94.8#



#78

Hexachloro-1,3-Butadiene

Concen: 0.055 ppbv

RT: 23.42 min Scan# 6417

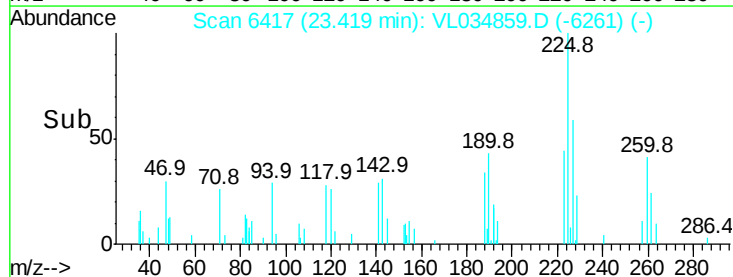
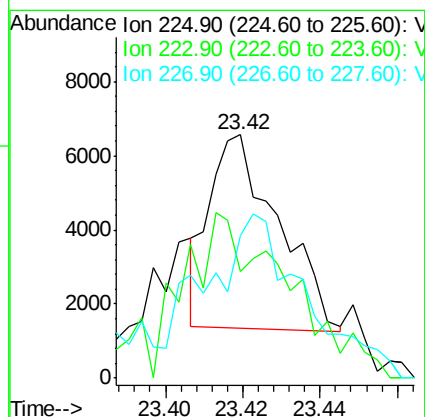
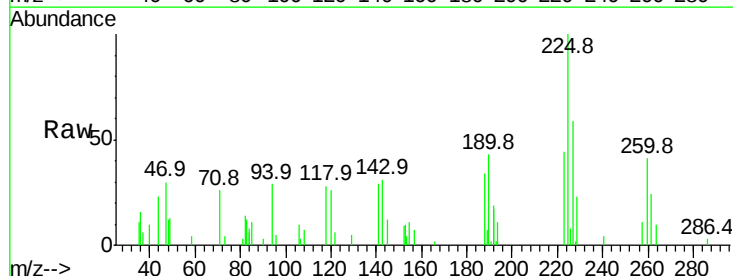
Delta R.T. 0.00 min

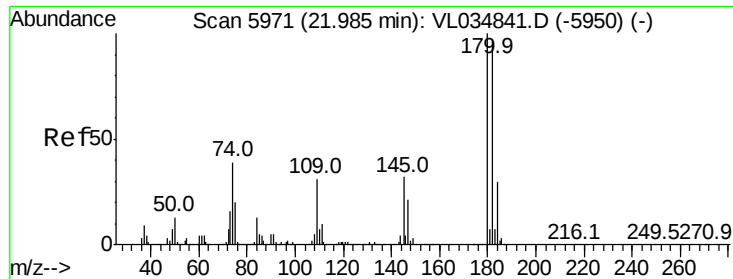
Lab File: VL034859.D

Acq: 10 Mar 2020 4:21

Tgt Ion:225 Resp: 6436

Ion	Ratio	Lower	Upper
225	100		
223	140.4	51.1	76.7#
227	140.7	51.8	77.6#





#81
 1,2,4-Trichlorobenzene
 Concen: 0.014 ppbv
 RT: 21.99 min Scan# 5971
 Delta R.T. 0.00 min
 Lab File: VL034859.D
 Acq: 10 Mar 2020 4:21

Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT1-2020

Tgt Ion:180 Resp: 1703
 Ion Ratio Lower Upper
 180 100
 182 454.7 76.6 115.0#
 184 143.5 25.0 37.4#

