

Data File : VL035320.D
Acq On : 3 Aug 2020 15:28
Operator : SY/AP
Sample : VSTDIC0.03
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :

Quant Time: Aug 03 16:21:24 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL080320AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Aug 03 15:02:12 2020
QLast Update : Mon Aug 03 15:02:12 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1351846	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	3350817	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.11	117	3205264	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.45	95	2726701	10.65	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	106.50%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	3.00	85	4646	0.029	ppbv #	60
3) Chlorodifluoromethane	2.94	51	4703	0.031	ppbv #	89
4) Chloromethane	3.09	50	570	0.007	ppbv #	66
5) Vinyl Chloride	3.20	62	1548	0.018	ppbv #	64
6) Bromomethane	3.43	94	1925	0.036	ppbv #	40
7) Chloroethane	3.51	64	379	0.012	ppbv #	44
8) Dichlorotetrafluoroethane	3.14	85	6566	0.032	ppbv	95
9) Propene	2.96	41	1973	0.038	ppbv #	14
10) Heptane	8.12	43	1121	0.008	ppbv #	25
11) Trichlorofluoromethane	3.91	101	6915	0.032	ppbv	96
12) 1,1,2-Trichlorotrifluoroet	4.45	101	2377	0.015	ppbv #	6
13) Ethanol	3.57	45	481	0.023	ppbv #	39
14) Bromoethene	3.70	108	1252	0.020	ppbv #	1
15) Acetone	3.84	43	21933	0.122	ppbv #	33
16) 1,3-Butadiene	3.28	39	684	0.010	ppbv #	7
17) tert-Butyl alcohol	4.25	59	108	0.001	ppbv #	71
18) 1,1-Dichloroethene	4.25	96	1470	0.021	ppbv #	1
19) Isopropyl Alcohol	3.92	45	67	0.001	ppbv #	95
20) Methylene Chloride	4.32	84	4442	0.054	ppbv	91
21) Allyl Chloride	4.38	41	1282	0.012	ppbv #	19
22) trans-1,2-Dichloroethene	4.85	96	457	0.007	ppbv #	2
23) Vinyl Acetate	5.06	43	3412	0.019	ppbv #	57
24) 1,1-Dichloroethane	4.98	63	3143	0.019	ppbv #	87
25) Ethyl Acetate	5.67	43	5346	0.019	ppbv #	69
26) Hexane	5.67	57	679	0.005	ppbv #	1
27) Carbon Disulfide	4.52	76	4307	0.025	ppbv #	1
28) Methyl tert-Butyl Ether	5.02	73	1400	0.008	ppbv #	53
29) Chloroform	5.74	83	3621	0.017	ppbv	90
30) Cyclohexane	7.12	84	462	0.005	ppbv #	24
31) cis-1,2-Dichloroethene	5.53	61	1517	0.014	ppbv #	60
32) 1,1,1-Trichloroethane	6.50	97	3326	0.015	ppbv #	22
34) 2-Butanone	5.23	43	730	0.004	ppbv #	51
35) Carbon Tetrachloride	7.01	117	1685	0.008	ppbv #	75
36) Benzene	6.88	78	2397	0.010	ppbv #	48
37) 1,2-Dichloroethane	6.29	62	3484	0.021	ppbv #	83
38) Trichloroethene	7.83	130	428	0.004	ppbv #	3
39) 1,2-Dichloropropane	7.17	63	919007	9.891	ppbv #	24
40) 1,4-Dioxane	7.81	88	99	0.003	ppbv #	1
41) Tetrahydrofuran	6.04	42	97	0.001	ppbv #	1
42) Bromodichloromethane	7.79	83	2187	0.010	ppbv #	73
43) Methyl Methacrylate	8.42	69	105	0.001	ppbv	90

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Quant Time: Aug 03 16:21:24 2020
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Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Aug 03 15:02:12 2020
QLast Update : Mon Aug 03 15:02:12 2020
Response via : Initial Calibration

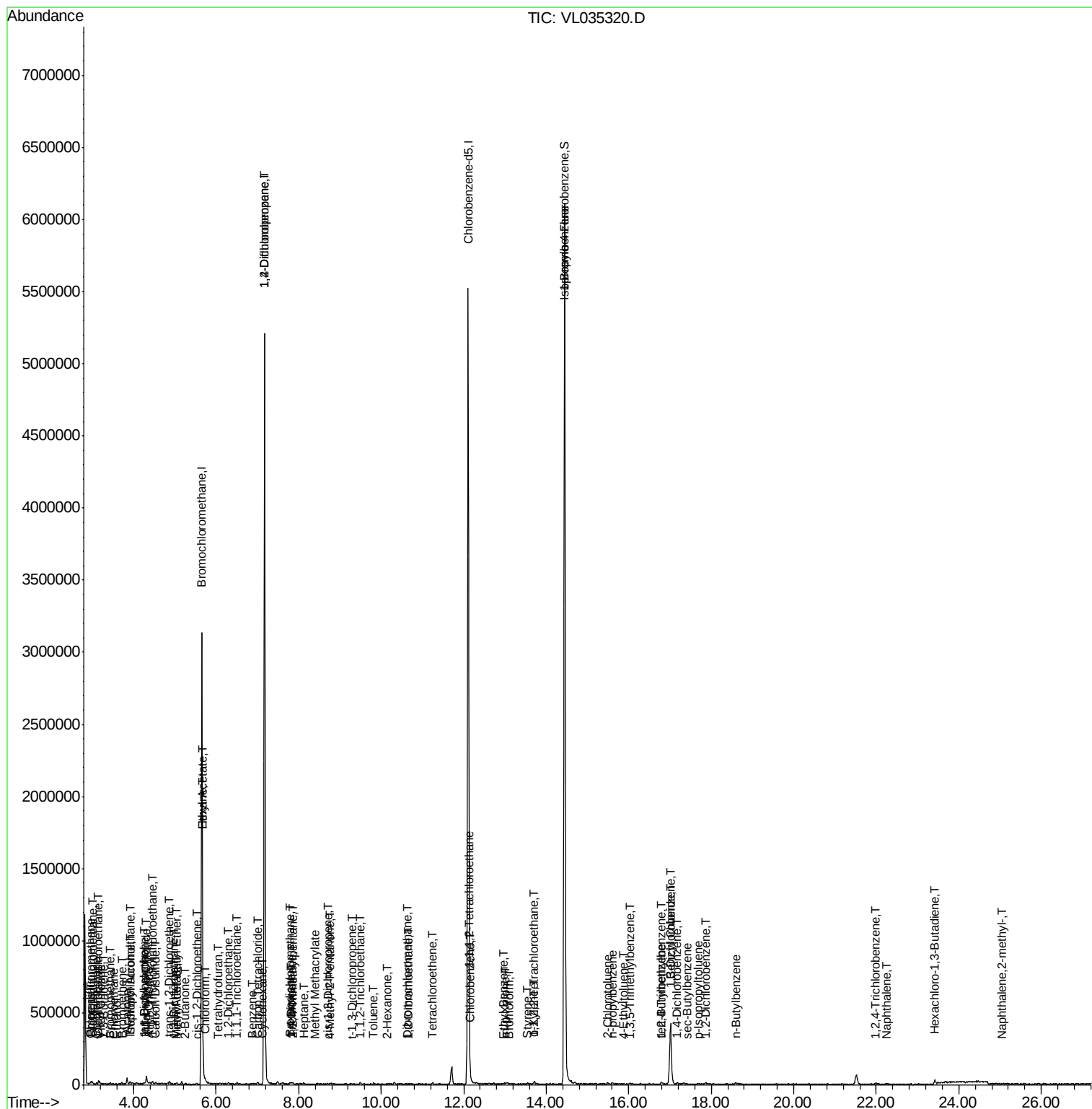
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.87	57	964	0.002	ppbv	# 42
45) t-1,3-Dichloropropene	9.28	75	836	0.008	ppbv	# 44
46) cis-1,3-Dichloropropene	8.71	75	1072	0.009	ppbv	# 37
47) 1,1,2-Trichloroethane	9.48	97	963	0.009	ppbv	# 37
48) Dibromochloromethane	10.63	129	105	0.001	ppbv	74
49) Bromoform	13.10	173	269	0.002	ppbv	92
50) 4-Methyl-2-Pentanone	8.76	43	524	0.002	ppbv	# 38
51) 2-Hexanone	10.15	43	220	0.001	ppbv	# 28
52) Tetrachloroethene	11.24	164	588	0.007	ppbv	# 43
53) Toluene	9.81	91	953	0.004	ppbv	# 20
54) 1,2-Dibromoethane	10.66	107	145	0.001	ppbv	83
56) 1,1,1,2-Tetrachloroethane	12.15	131	1558	0.011	ppbv	# 1
57) Chlorobenzene	12.16	112	2231	0.009	ppbv	# 29
58) Ethyl Benzene	12.96	91	677	0.002	ppbv	92
59) m/p-Xylene	13.01	91	2210	0.007	ppbv	# 38
60) o-Xylene	13.71	91	739	0.002	ppbv	68
61) Styrene	13.55	104	1601	0.008	ppbv	# 87
62) Isopropylbenzene	14.43	105	1752	0.004	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.71	83	1488	0.005	ppbv	# 1
64) n-propylbenzene	15.59	120	759	0.006	ppbv	# 1
65) tert-Butylbenzene	16.79	119	1193	0.003	ppbv	# 9
66) Benzyl Chloride	17.02	91	739	0.004	ppbv	# 1
67) sec-Butylbenzene	17.40	105	679	0.001	ppbv	97
69) p-Isopropyltoluene	17.68	119	984	0.002	ppbv	# 1
70) n-Butylbenzene	18.59	91	1723	0.003	ppbv	# 28
71) 2-Chlorotoluene	15.48	91	1403	0.004	ppbv	# 44
72) 4-Ethyltoluene	15.87	105	1232	0.003	ppbv	# 55
73) 1,3,5-Trimethylbenzene	16.02	105	710	0.002	ppbv	# 74
74) 1,2,4-Trimethylbenzene	16.79	105	1126	0.003	ppbv	# 74
75) 1,3-Dichlorobenzene	17.03	146	2715	0.010	ppbv	# 1
76) 1,4-Dichlorobenzene	17.16	146	768	0.003	ppbv	# 1
77) 1,2-Dichlorobenzene	17.86	146	1098	0.005	ppbv	# 1
78) Hexachloro-1,3-Butadiene	23.42	225	3203	0.017	ppbv	# 23
79) Naphthalene	22.25	128	290	0.001	ppbv	# 69
80) Naphthalene,2-methyl-	25.05	142	959	0.009	ppbv	# 62
81) 1,2,4-Trichlorobenzene	21.98	180	388	0.002	ppbv	# 3

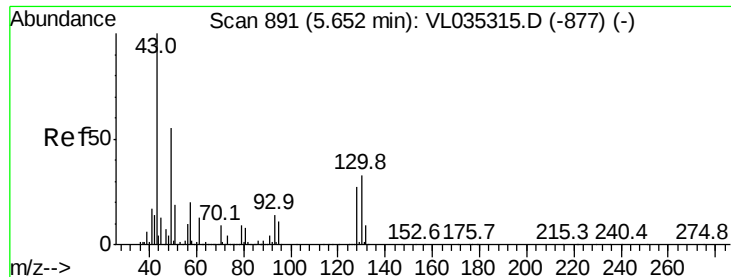
(#) = qualifier out of range (m) = manual integration (+) = signals summed

ALS Vial : 1 Sample Multiplier: 1

ClientSampleId :

Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 890

Delta R.T. -0.00 min

Lab File: VL035320.D

Acq: 3 Aug 2020 15:28

Instrument :
MSVOA_L
ClientSampleId :

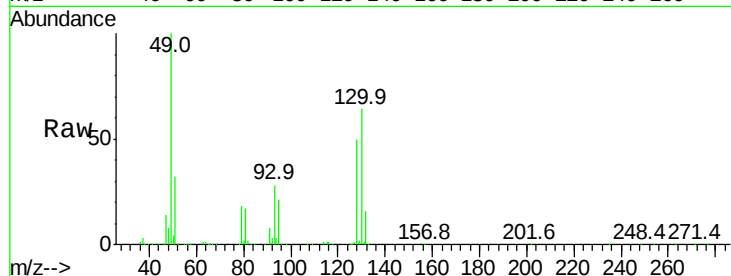
Tgt Ion: 49 Resp: 1351846

Ion Ratio Lower Upper

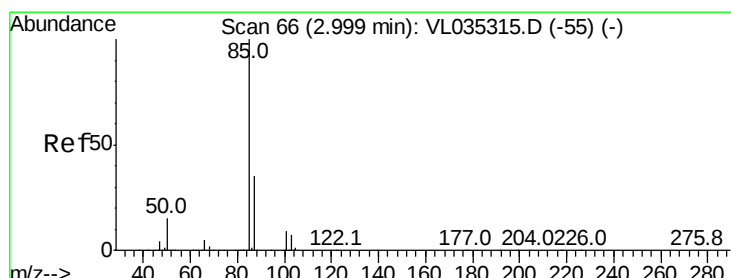
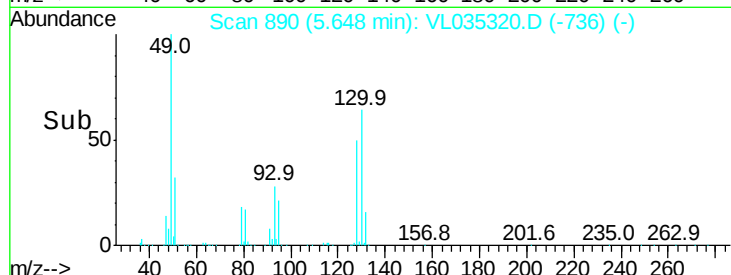
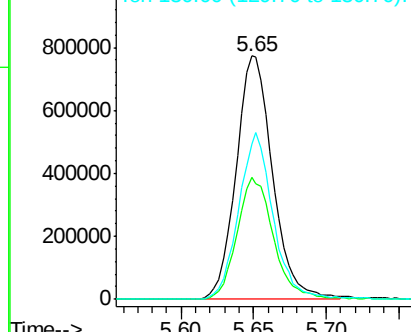
49 100

128 50.6 23.8 71.5

130 65.6 31.4 94.3



Abundance Ion 49.10 (48.80 to 49.80): VL0
Ion 128.00 (127.70 to 128.70): V
Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 0.029 ppbv

RT: 3.00 min Scan# 65

Delta R.T. -0.00 min

Lab File: VL035320.D

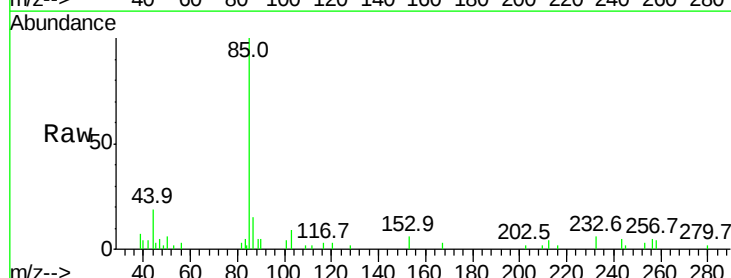
Acq: 3 Aug 2020 15:28

Tgt Ion: 85 Resp: 4646

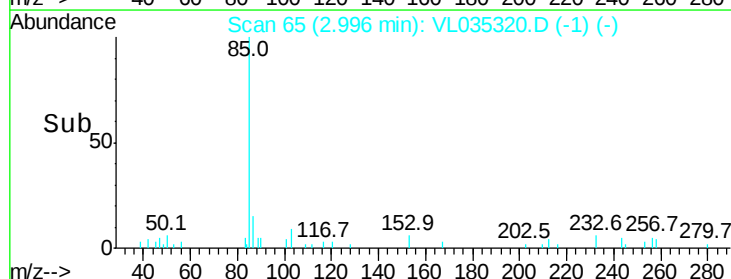
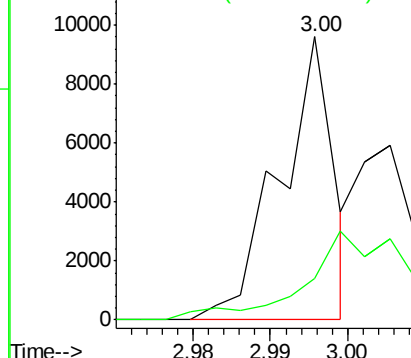
Ion Ratio Lower Upper

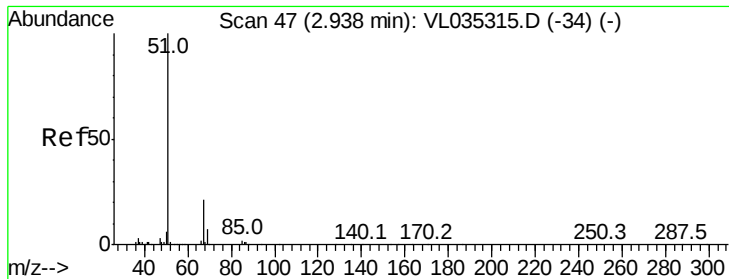
85 100

87 11.6 27.8 41.6#



Abundance Ion 85.00 (84.70 to 85.70): VL0
Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 0.031 ppbv

RT: 2.94 min Scan# 47

Delta R.T. 0.00 min

Lab File: VL035320.D

Acq: 3 Aug 2020 15:28

Instrument :

MSVOA_L

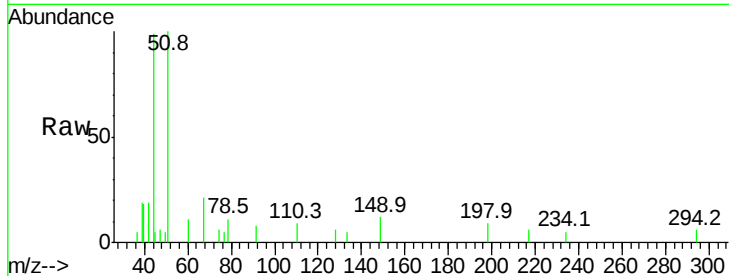
ClientSampleId :

Tgt Ion: 51 Resp: 4703

Ion Ratio Lower Upper

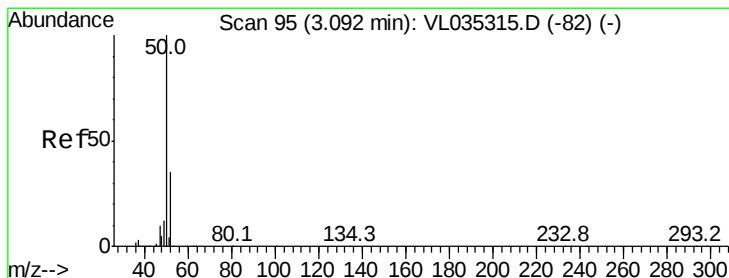
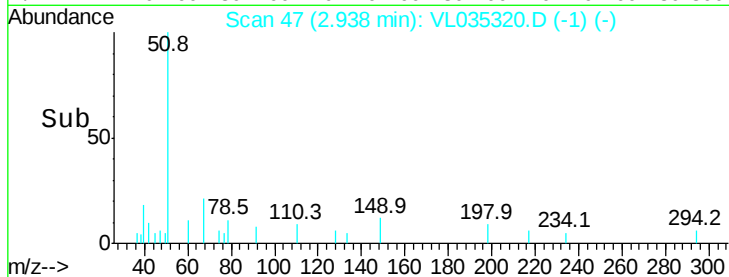
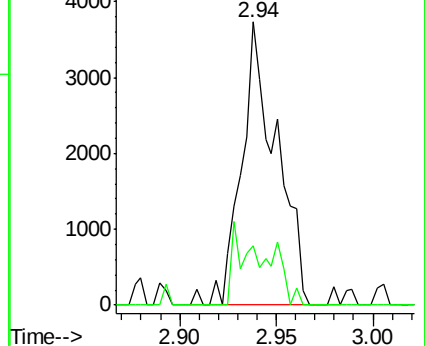
51 100

67 25.5 16.2 24.2#



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0



#4

Chloromethane

Concen: 0.007 ppbv

RT: 3.09 min Scan# 94

Delta R.T. -0.00 min

Lab File: VL035320.D

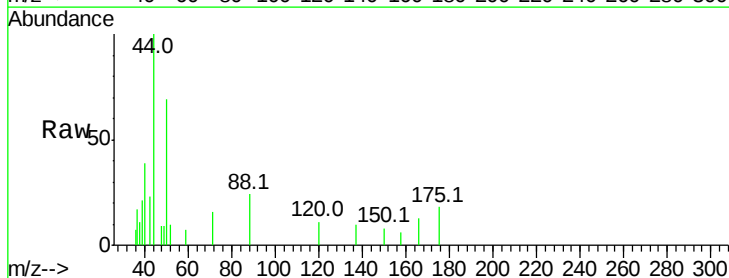
Acq: 3 Aug 2020 15:28

Tgt Ion: 50 Resp: 570

Ion Ratio Lower Upper

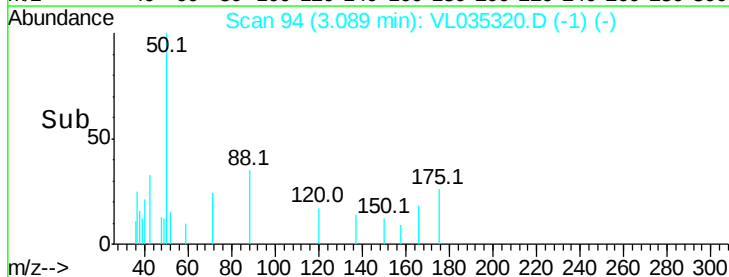
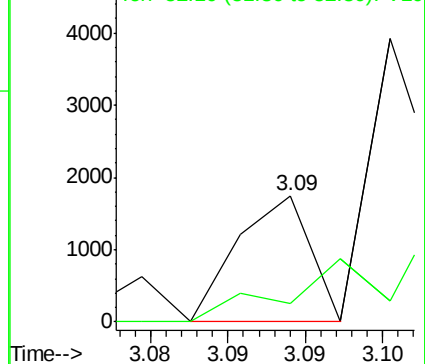
50 100

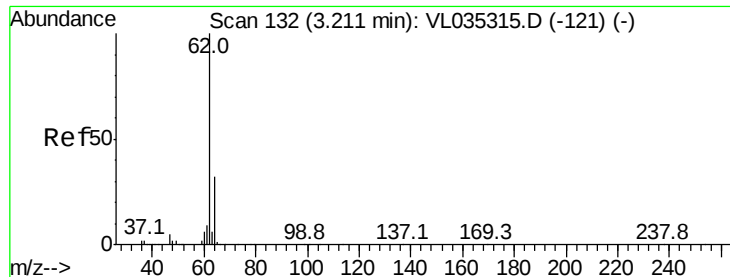
52 14.9 27.8 41.8#



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0





#5

Vinyl Chloride

Concen: 0.018 ppbv

RT: 3.20 min Scan# 130

Delta R.T. -0.01 min

Lab File: VL035320.D

Acq: 3 Aug 2020 15:28

Instrument :

MSVOA_L

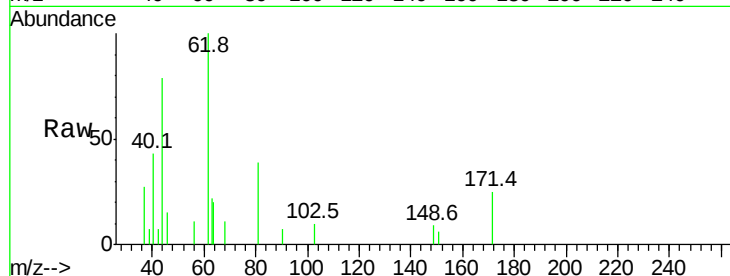
ClientSampled :

Tgt Ion: 62 Resp: 1548

Ion Ratio Lower Upper

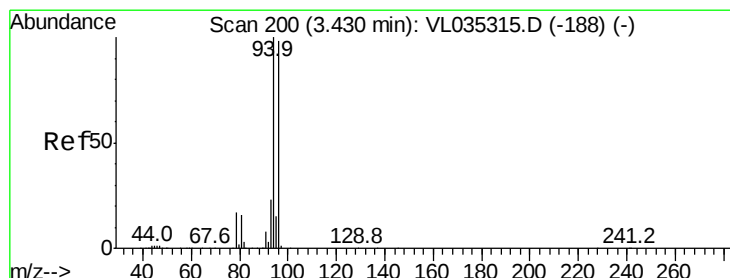
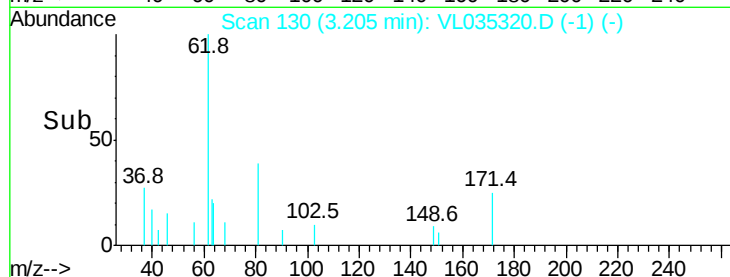
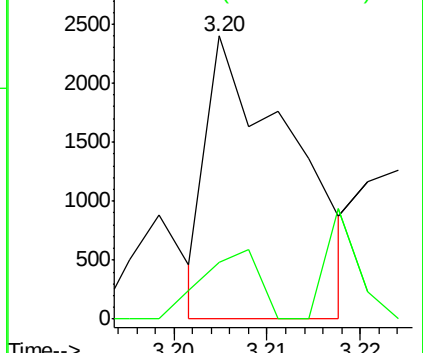
62 100

64 12.1 25.9 38.9#



Abundance Ion 62.10 (61.80 to 62.80): VL0

Ion 64.10 (63.80 to 64.80): VL0



#6

Bromomethane

Concen: 0.036 ppbv

RT: 3.43 min Scan# 199

Delta R.T. -0.00 min

Lab File: VL035320.D

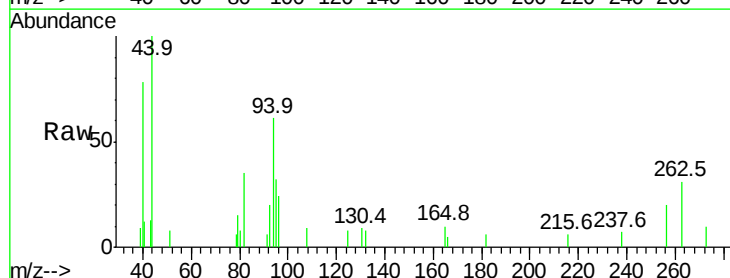
Acq: 3 Aug 2020 15:28

Tgt Ion: 94 Resp: 1925

Ion Ratio Lower Upper

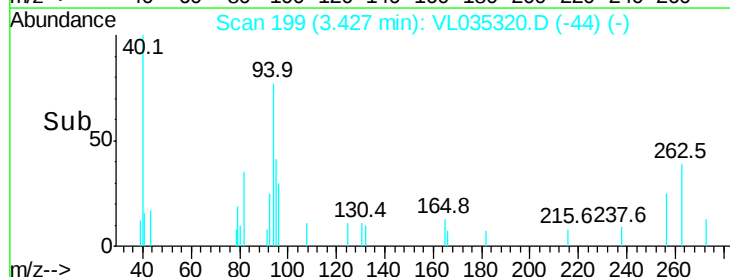
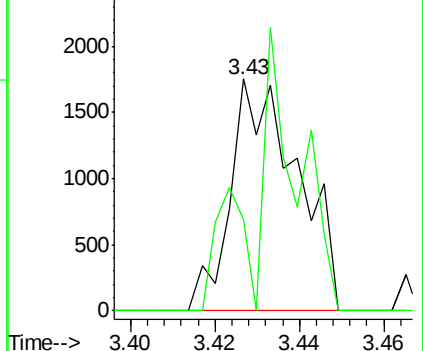
94 100

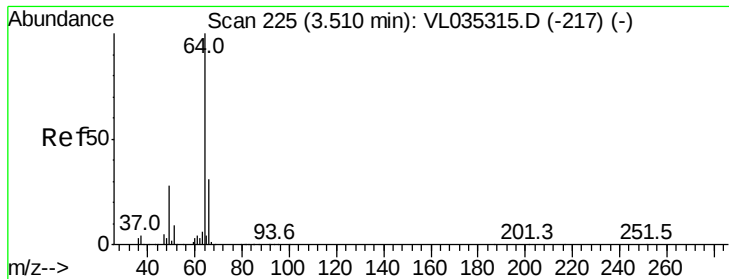
96 39.3 78.6 117.8#



Abundance Ion 94.00 (93.70 to 94.70): VL0

Ion 96.00 (95.70 to 96.70): VL0





#7

Chloroethane

Concen: 0.012 ppbv

RT: 3.51 min Scan# 225

Delta R.T. -0.00 min

Lab File: VL035320.D

Acq: 3 Aug 2020 15:28

Instrument :

MSVOA_L

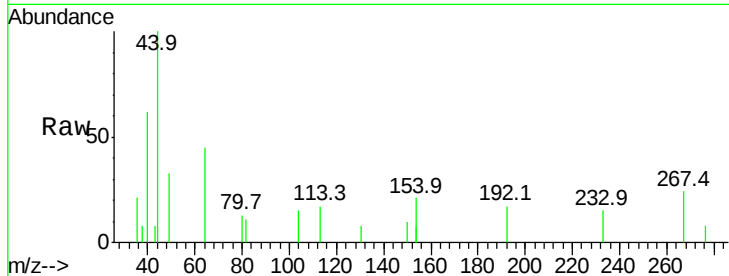
ClientSampleId :

Tgt Ion: 64 Resp: 379

Ion Ratio Lower Upper

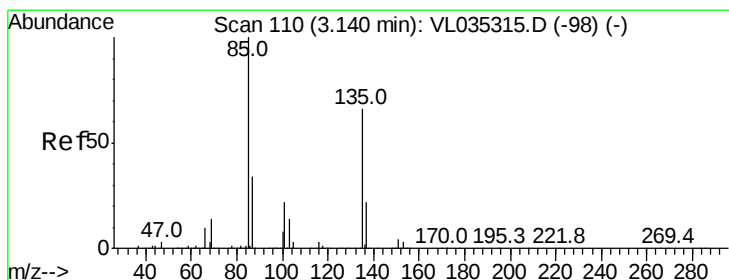
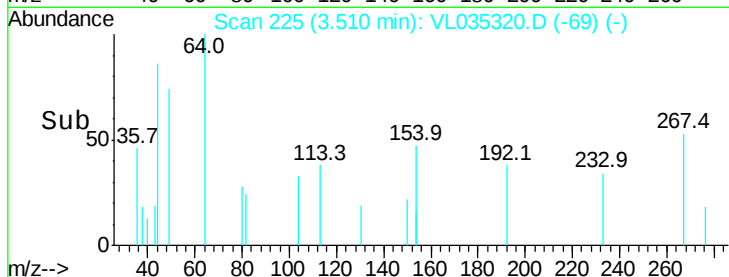
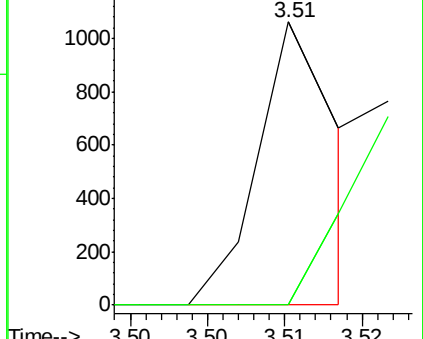
64 100

66 0.0 24.9 37.3#



Abundance Ion 64.10 (63.80 to 64.80): VL0

Ion 66.10 (65.80 to 66.80): VL0



#8

Dichlorotetrafluoroethane

Concen: 0.032 ppbv

RT: 3.14 min Scan# 111

Delta R.T. 0.00 min

Lab File: VL035320.D

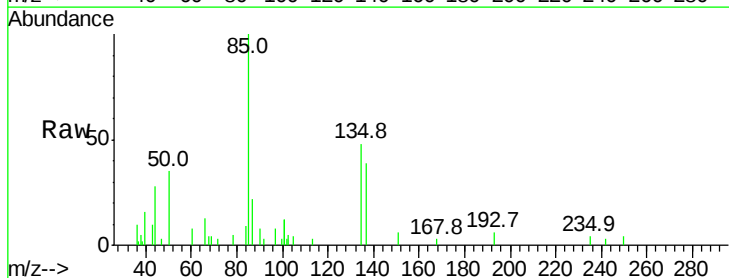
Acq: 3 Aug 2020 15:28

Tgt Ion: 85 Resp: 6566

Ion Ratio Lower Upper

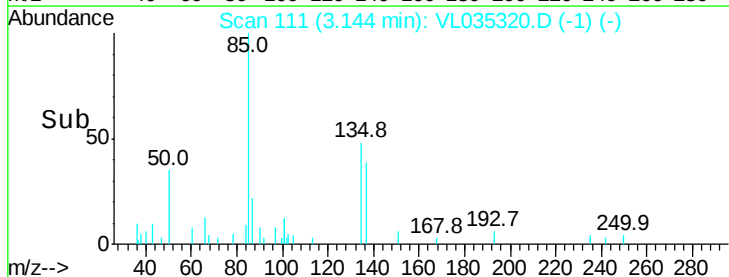
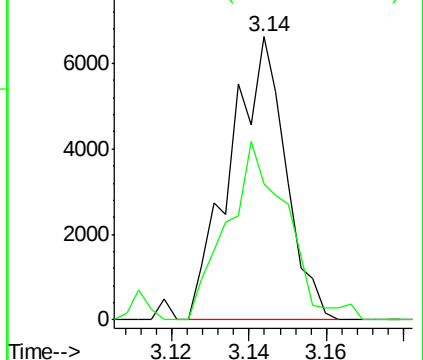
85 100

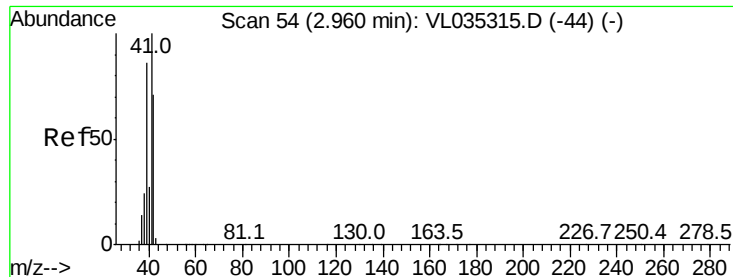
135 71.0 53.4 80.0



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 135.00 (134.70 to 135.70): V





#9

Propene

Concen: 0.038 ppbv

RT: 2.96 min Scan# 54

Delta R.T. -0.00 min

Lab File: VL035320.D

Acq: 3 Aug 2020 15:28

Instrument :

MSVOA_L

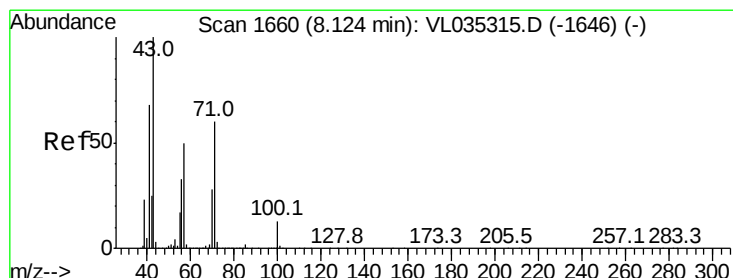
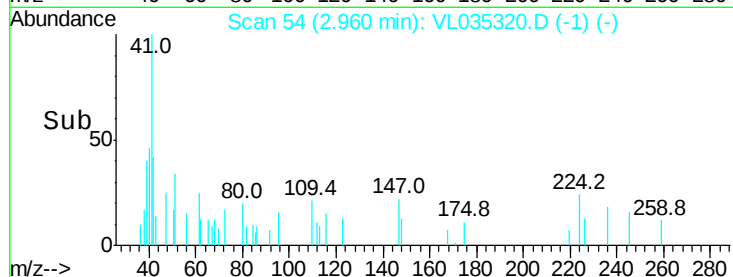
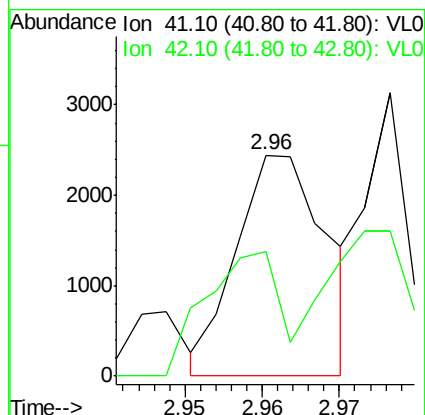
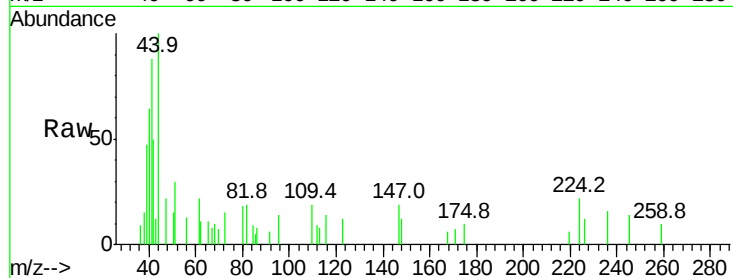
ClientSampleId :

Tgt Ion: 41 Resp: 1973

Ion Ratio Lower Upper

41 100

42 0.0 56.8 85.2#



#10

Heptane

Concen: 0.008 ppbv

RT: 8.12 min Scan# 1660

Delta R.T. -0.00 min

Lab File: VL035320.D

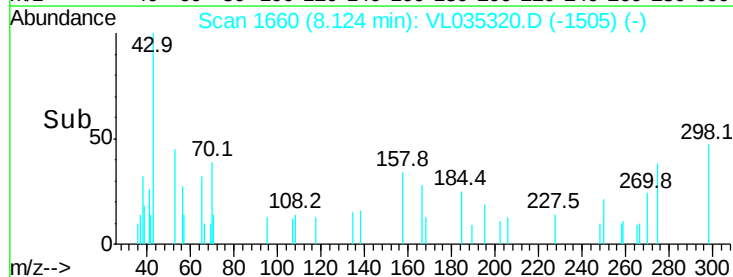
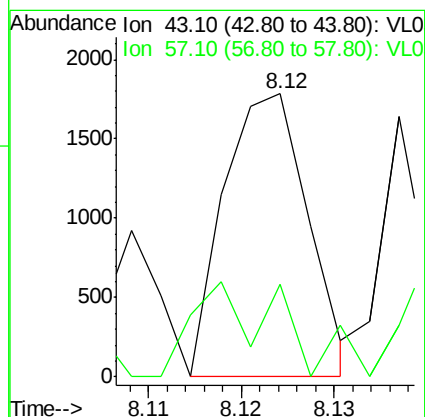
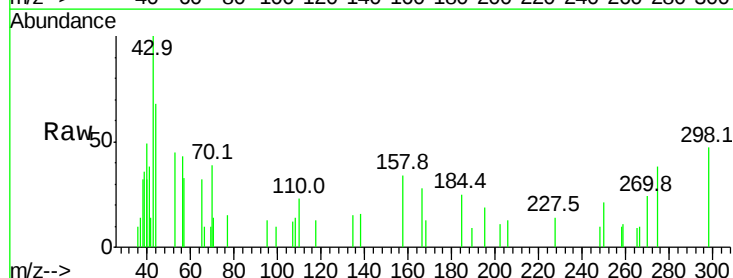
Acq: 3 Aug 2020 15:28

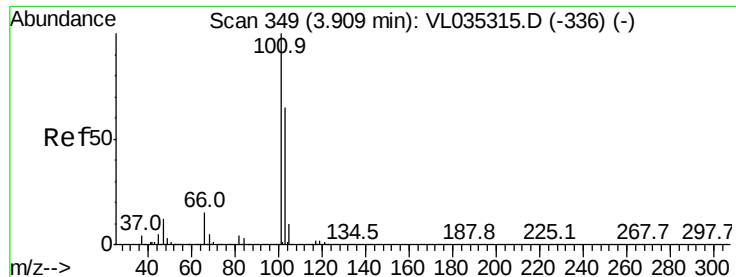
Tgt Ion: 43 Resp: 1121

Ion Ratio Lower Upper

43 100

57 0.0 42.4 63.6#

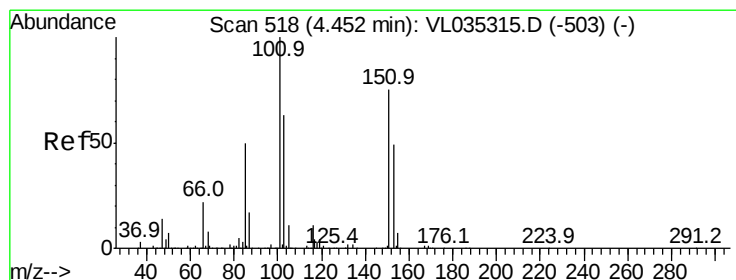
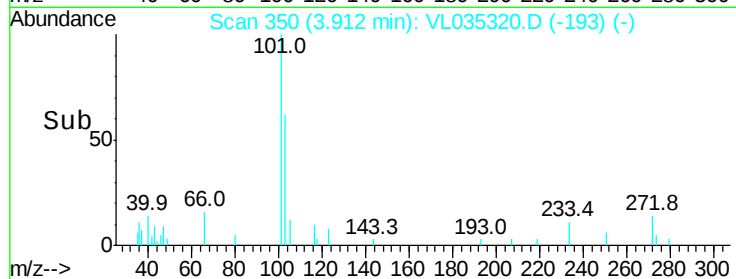
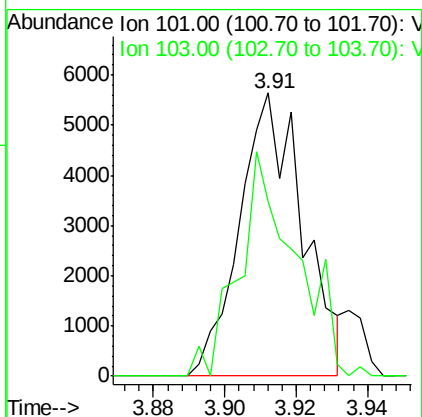
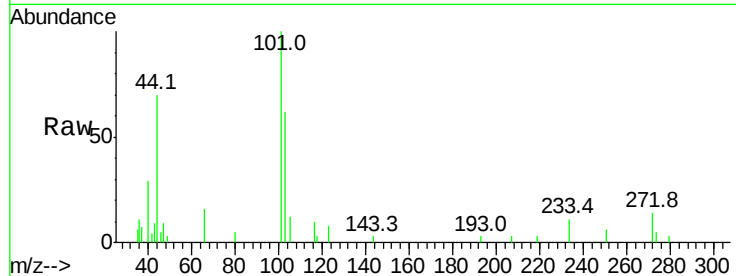




#11
 Trichlorofluoromethane
 Concen: 0.032 ppbv
 RT: 3.91 min Scan# 350
 Delta R.T. 0.00 min
 Lab File: VL035320.D
 Acq: 3 Aug 2020 15:28

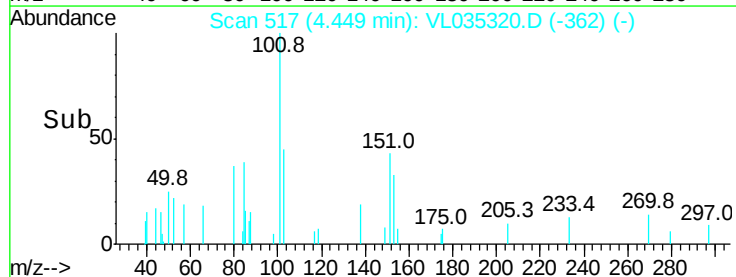
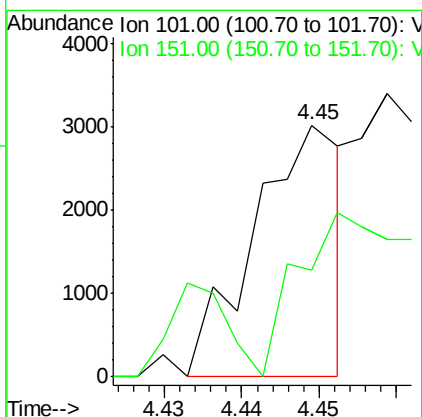
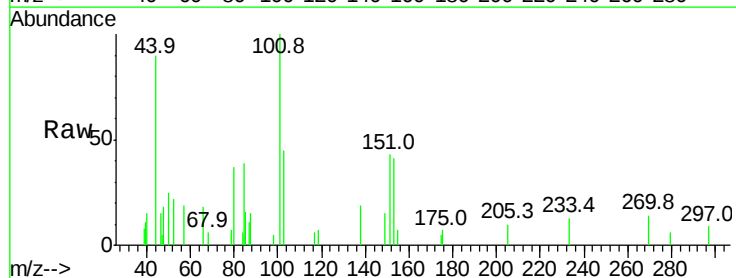
Instrument :
 MSVOA_L
 ClientSampled :

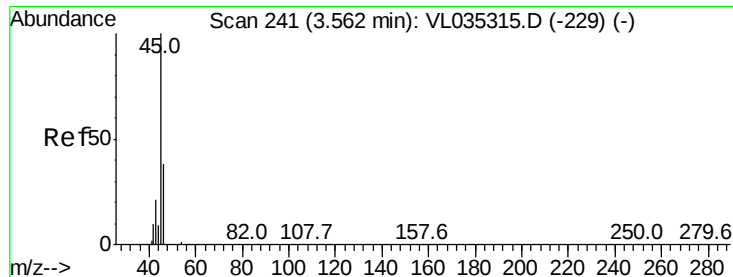
Tgt Ion:101 Resp: 6915
 Ion Ratio Lower Upper
 101 100
 103 61.7 51.8 77.6



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.015 ppbv
 RT: 4.45 min Scan# 517
 Delta R.T. -0.00 min
 Lab File: VL035320.D
 Acq: 3 Aug 2020 15:28

Tgt Ion:101 Resp: 2377
 Ion Ratio Lower Upper
 101 100
 151 152.8 58.9 88.3#





#13

Ethanol

Concen: 0.023 ppbv

RT: 3.57 min Scan# 244

Delta R.T. 0.01 min

Lab File: VL035320.D

Acq: 3 Aug 2020 15:28

Instrument :

MSVOA_L

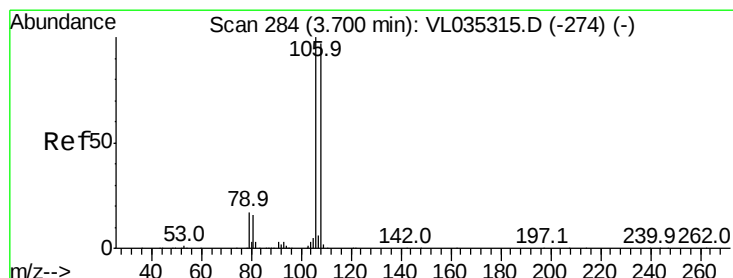
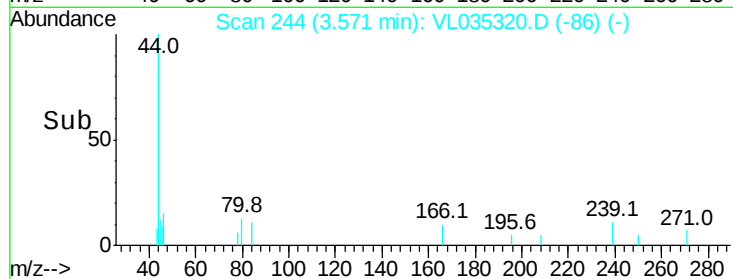
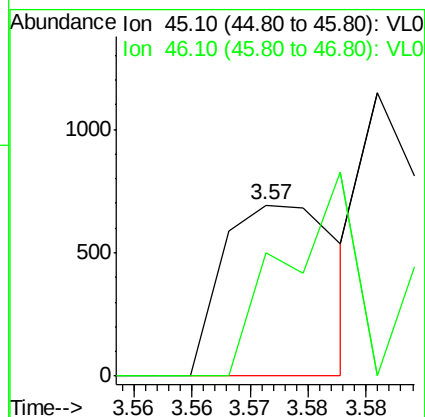
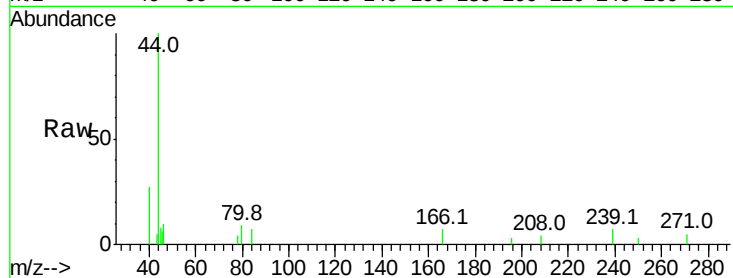
ClientSampled :

Tgt Ion: 45 Resp: 481

Ion Ratio Lower Upper

45 100

46 0.0 14.5 57.9#



#14

Bromoethene

Concen: 0.020 ppbv

RT: 3.70 min Scan# 284

Delta R.T. -0.00 min

Lab File: VL035320.D

Acq: 3 Aug 2020 15:28

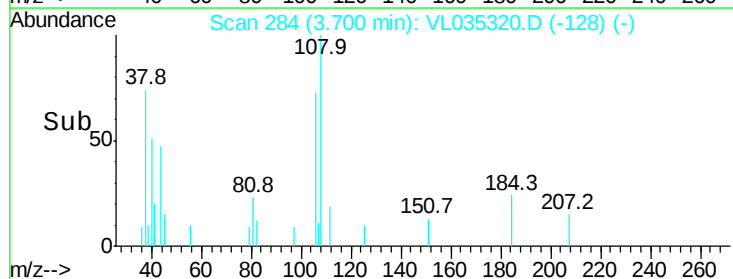
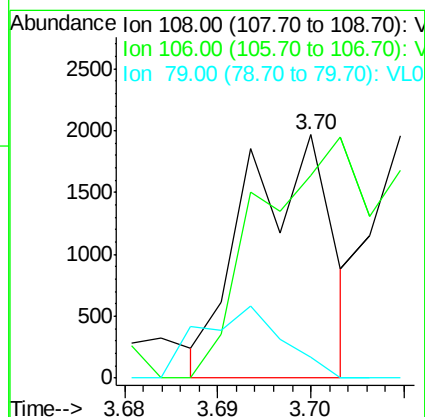
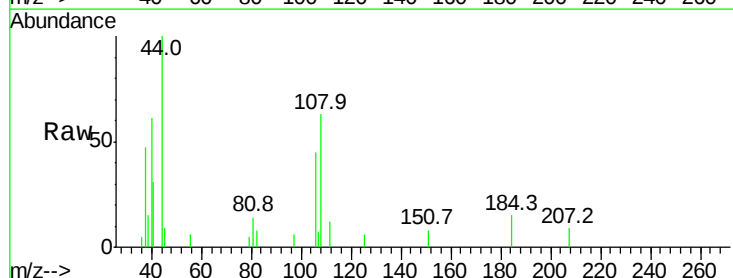
Tgt Ion: 108 Resp: 1252

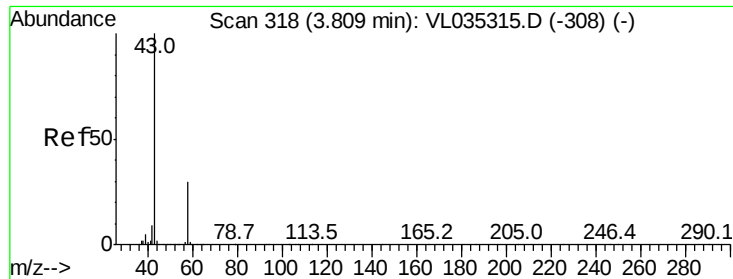
Ion Ratio Lower Upper

108 100

106 258.7 86.2 129.2#

79 28.7 14.0 21.0#





#15

Acetone

Concen: 0.122 ppbv

RT: 3.84 min Scan# 327

Delta R.T. 0.03 min

Lab File: VL035320.D

Acq: 3 Aug 2020 15:28

Instrument :

MSVOA_L

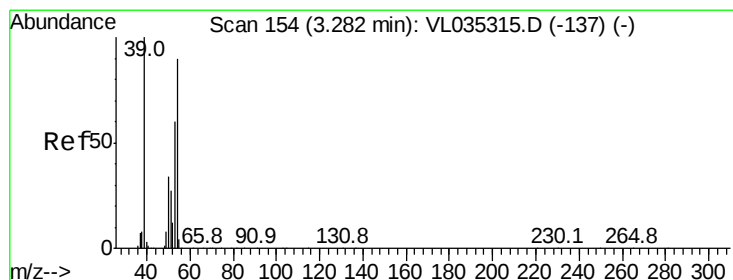
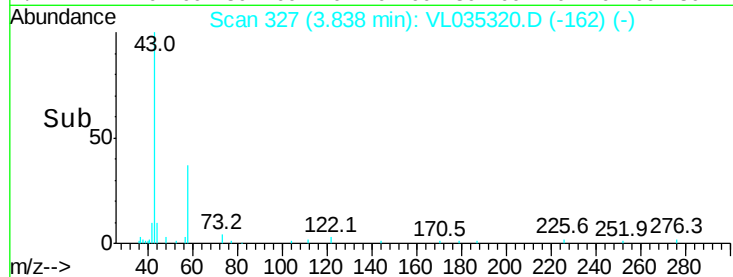
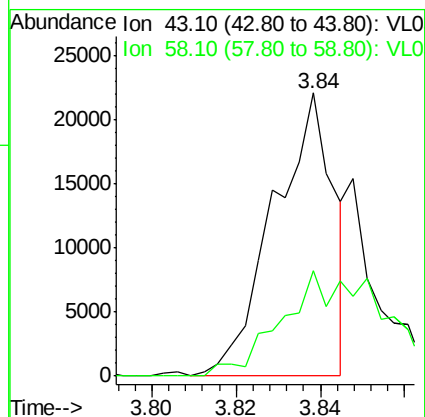
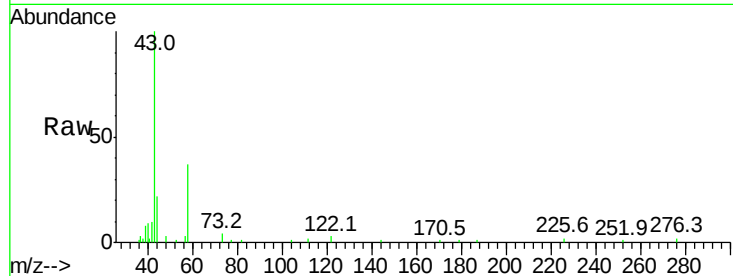
ClientSampleId :

Tgt Ion: 43 Resp: 21933

Ion Ratio Lower Upper

43 100

58 62.5 22.1 33.1#



#16

1,3-Butadiene

Concen: 0.010 ppbv

RT: 3.28 min Scan# 152

Delta R.T. -0.01 min

Lab File: VL035320.D

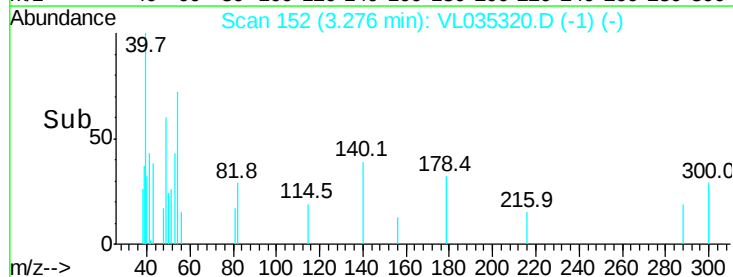
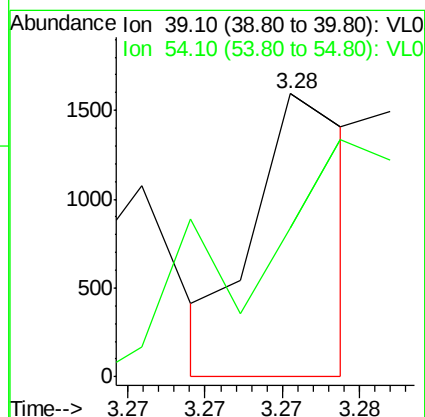
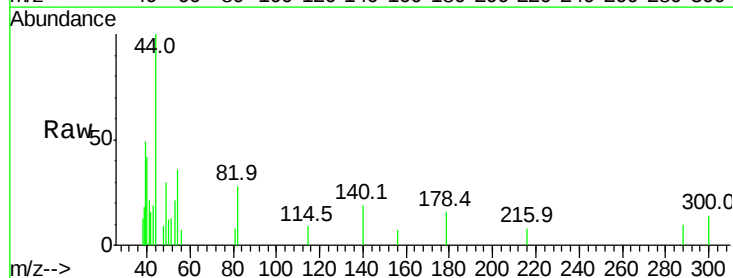
Acq: 3 Aug 2020 15:28

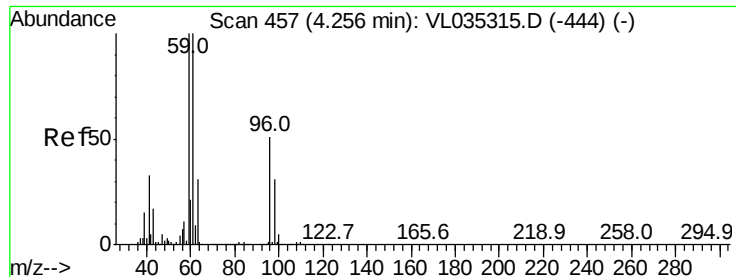
Tgt Ion: 39 Resp: 684

Ion Ratio Lower Upper

39 100

54 0.0 68.0 102.0#





#17

tert-Butyl alcohol

Concen: 0.001 ppbv

RT: 4.25 min Scan# 456

Delta R.T. -0.00 min

Lab File: VL035320.D

Acq: 3 Aug 2020 15:28

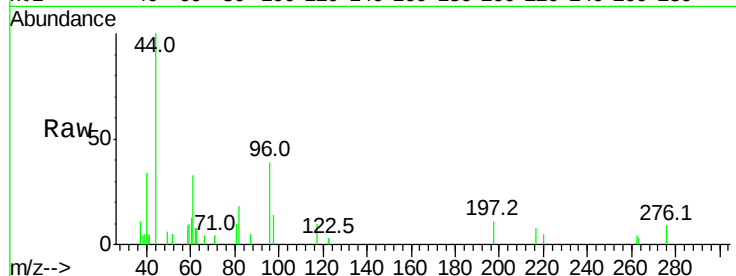
Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 59 Resp: 108

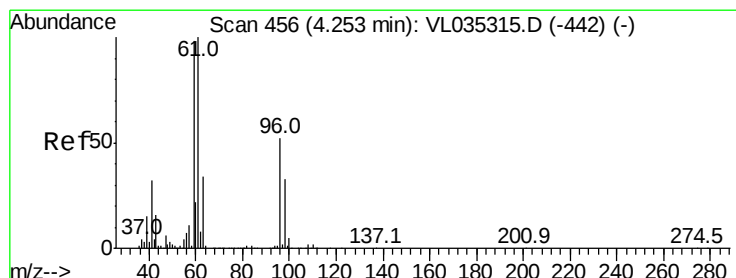
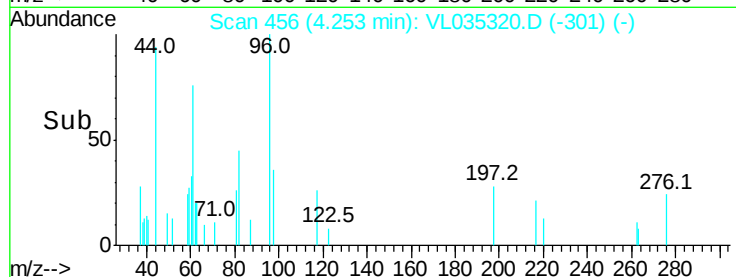
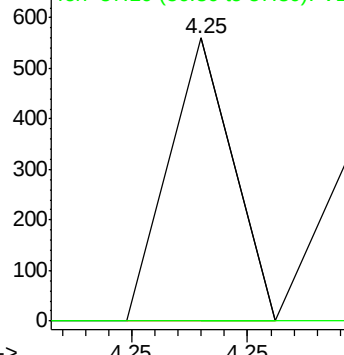
Ion Ratio Lower Upper

59 100

57 0.0 8.6 13.0#



Abundance Ion 59.10 (58.80 to 59.80): VL0
Ion 57.10 (56.80 to 57.80): VL0



#18

1,1-Dichloroethene

Concen: 0.021 ppbv

RT: 4.25 min Scan# 456

Delta R.T. -0.00 min

Lab File: VL035320.D

Acq: 3 Aug 2020 15:28

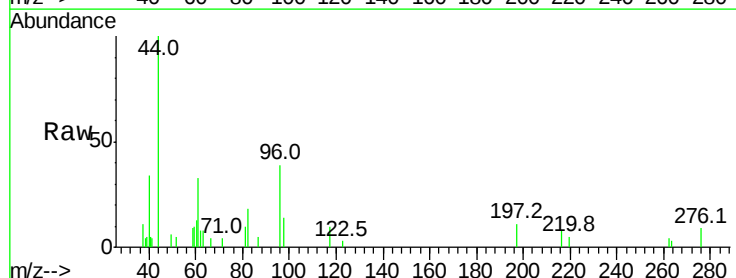
Tgt Ion: 96 Resp: 1470

Ion Ratio Lower Upper

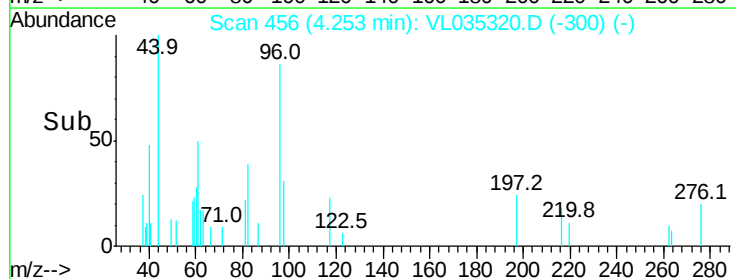
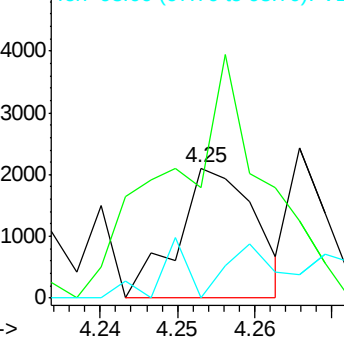
96 100

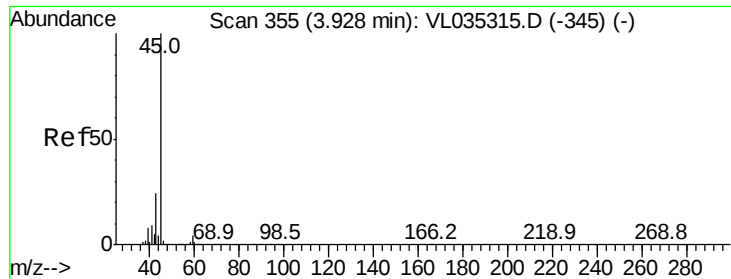
61 27.5 154.9 232.3#

98 0.0 51.0 76.4#



Abundance Ion 96.00 (95.70 to 96.70): VL0
Ion 61.10 (60.80 to 61.80): VL0
Ion 98.00 (97.70 to 98.70): VL0

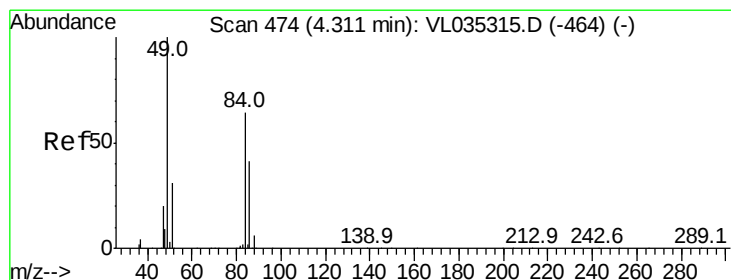
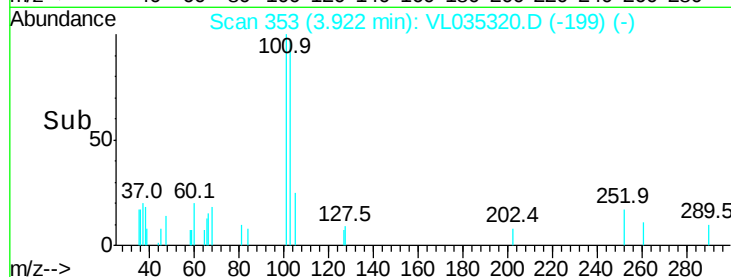
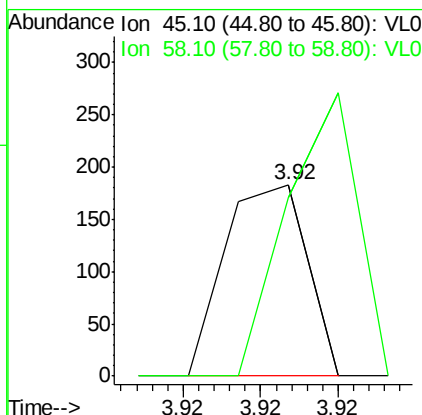
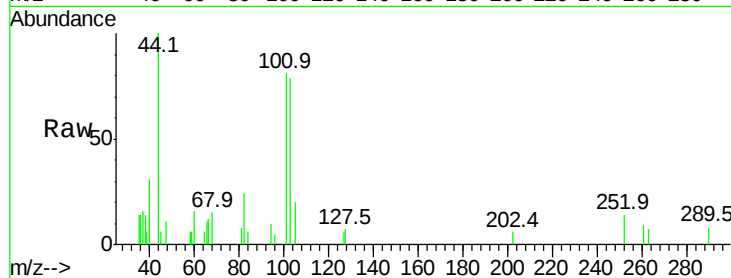




#19
Isopropyl Alcohol
Concen: 0.001 ppbv
RT: 3.92 min Scan# 353
Delta R.T. -0.01 min
Lab File: VL035320.D
Acq: 3 Aug 2020 15:28

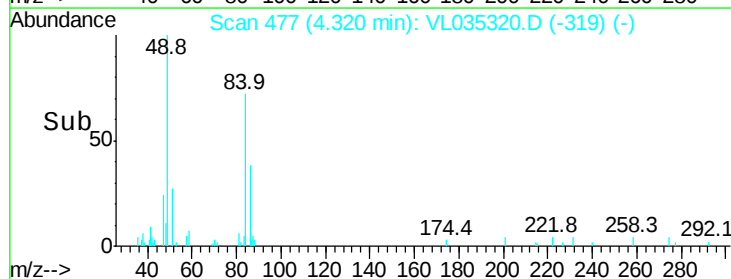
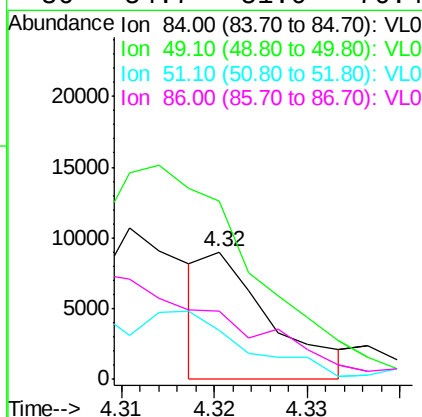
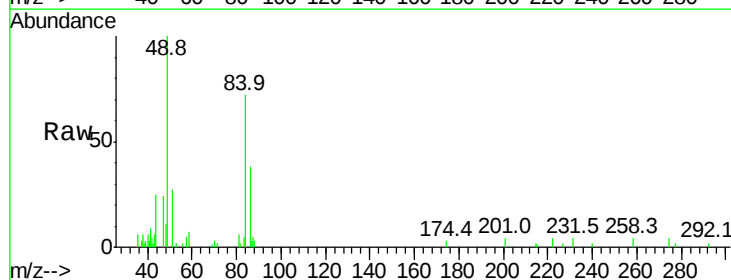
Instrument :
MSVOA_L
ClientSampleId :

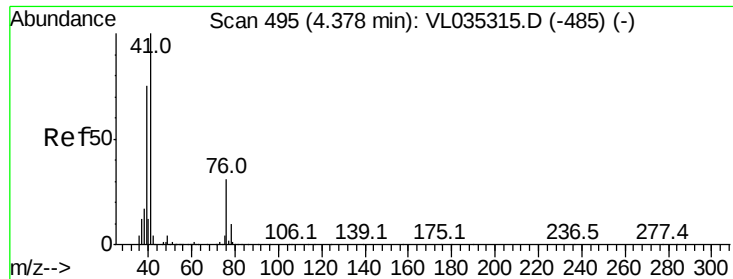
Tgt Ion: 45 Resp: 67
Ion Ratio Lower Upper
45 100
58 0.0 1.5 2.3#



#20
Methylene Chloride
Concen: 0.054 ppbv
RT: 4.32 min Scan# 477
Delta R.T. 0.01 min
Lab File: VL035320.D
Acq: 3 Aug 2020 15:28

Tgt Ion: 84 Resp: 4442
Ion Ratio Lower Upper
84 100
49 142.4 124.2 186.2
51 47.2 38.6 58.0
86 54.7 51.0 76.4

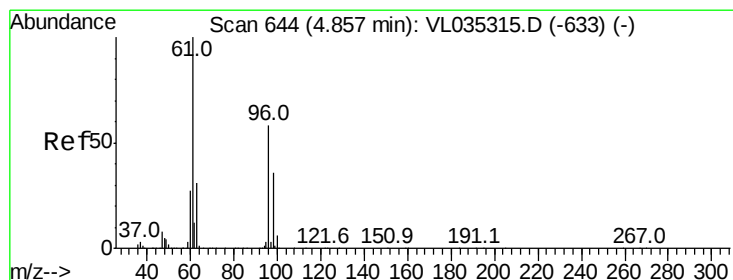
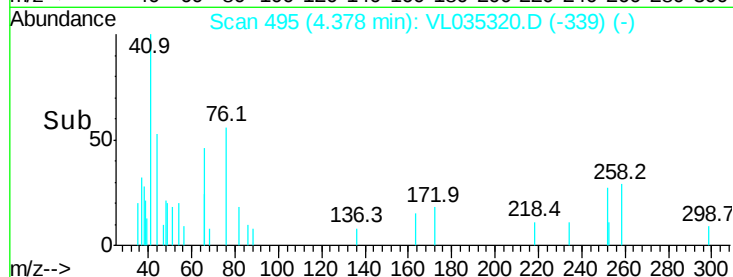
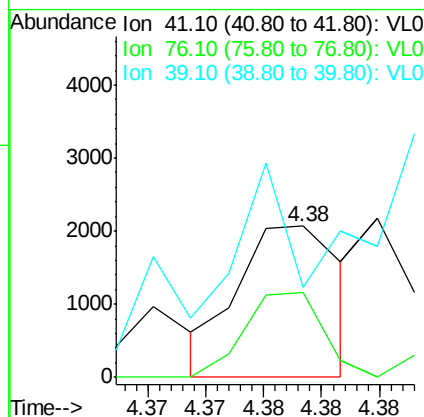
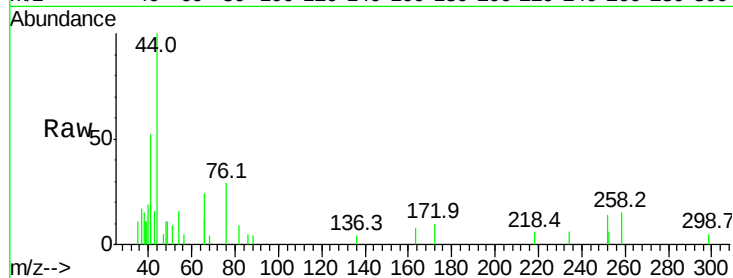




#21
 Allyl Chloride
 Concen: 0.012 ppbv
 RT: 4.38 min Scan# 495
 Delta R.T. -0.00 min
 Lab File: VL035320.D
 Acq: 3 Aug 2020 15:28

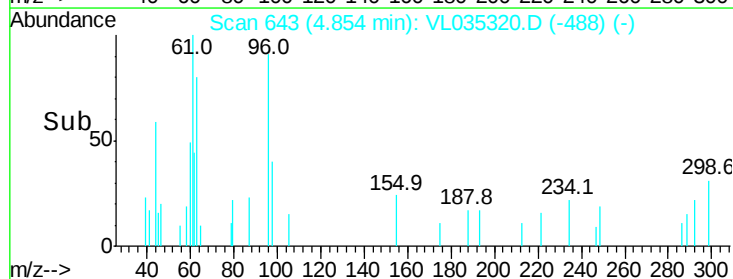
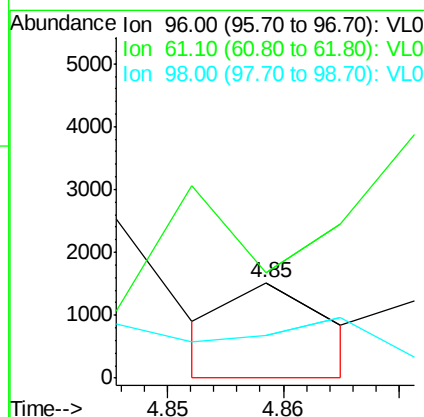
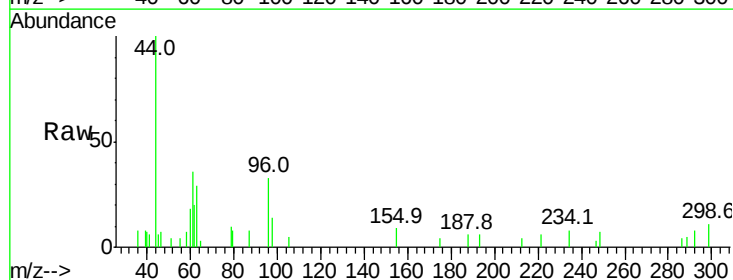
Instrument :
 MSVOA_L
 ClientSampleId :

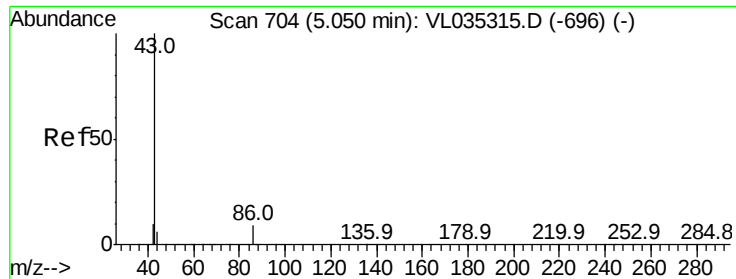
Tgt Ion: 41 Resp: 1282
 Ion Ratio Lower Upper
 41 100
 76 62.7 24.4 36.6#
 39 0.0 61.8 92.6#



#22
 trans-1,2-Dichloroethene
 Concen: 0.007 ppbv
 RT: 4.85 min Scan# 643
 Delta R.T. -0.00 min
 Lab File: VL035320.D
 Acq: 3 Aug 2020 15:28

Tgt Ion: 96 Resp: 457
 Ion Ratio Lower Upper
 96 100
 61 18.3 136.8 205.2#
 98 13.8 49.2 73.8#





#23

Vinyl Acetate

Concen: 0.019 ppbv

RT: 5.06 min Scan# 706

Delta R.T. 0.01 min

Lab File: VL035320.D

Acq: 3 Aug 2020 15:28

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion: 43 Resp: 3412

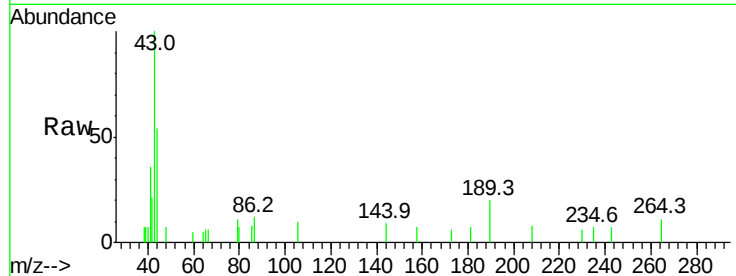
Ion Ratio Lower Upper

43 100

86 20.5 6.5 9.7#

42 36.1 8.2 12.4#

44 10.3 5.0 7.6#

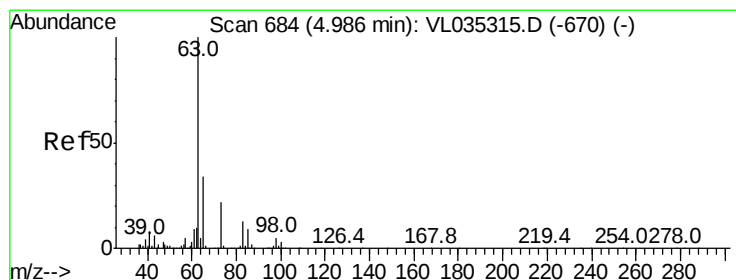
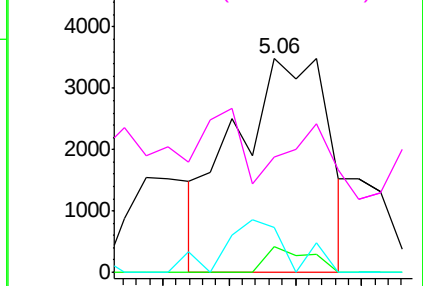
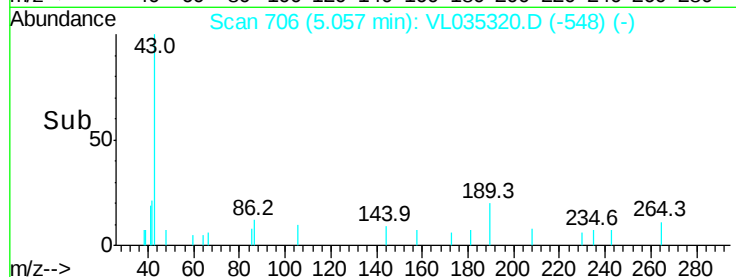


Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 86.10 (85.80 to 86.80): VL0

Ion 42.10 (41.80 to 42.80): VL0

Ion 44.10 (43.80 to 44.80): VL0



#24

1,1-Dichloroethane

Concen: 0.019 ppbv

RT: 4.98 min Scan# 682

Delta R.T. -0.01 min

Lab File: VL035320.D

Acq: 3 Aug 2020 15:28

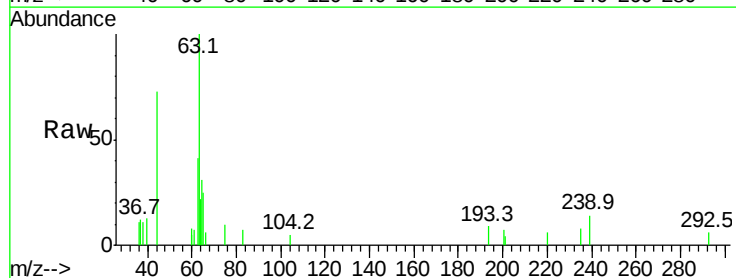
Tgt Ion: 63 Resp: 3143

Ion Ratio Lower Upper

63 100

98 0.0 2.5 7.5#

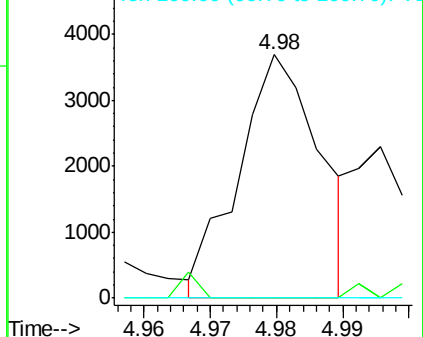
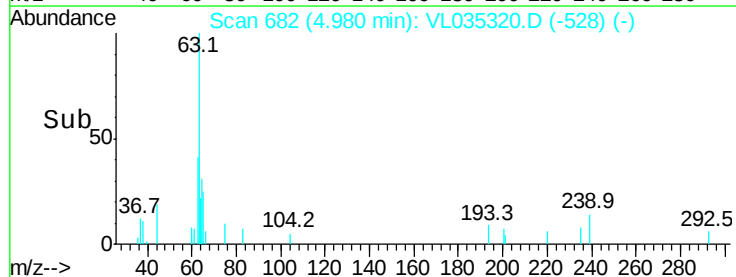
100 0.0 1.5 4.4#

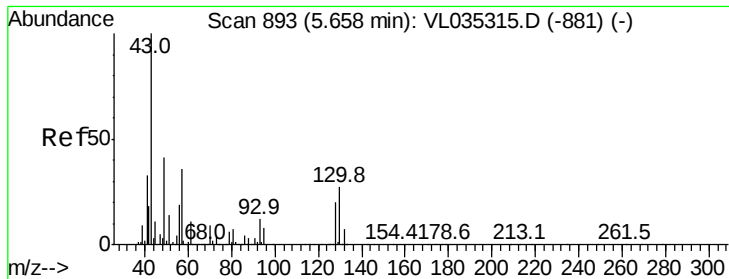


Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 98.00 (97.70 to 98.70): VL0

Ion 100.00 (99.70 to 100.70): VL0





#25

Ethyl Acetate

Concen: 0.019 ppbv

RT: 5.67 min Scan# 898

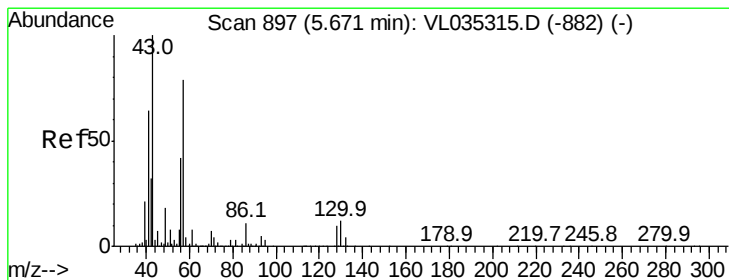
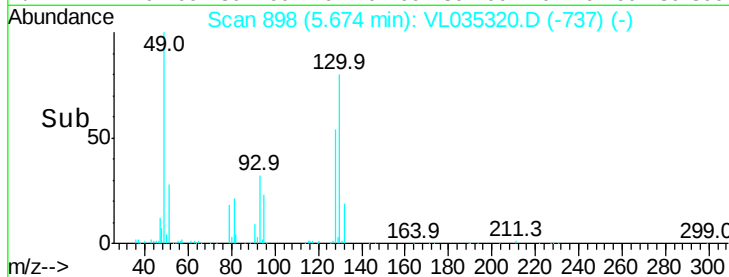
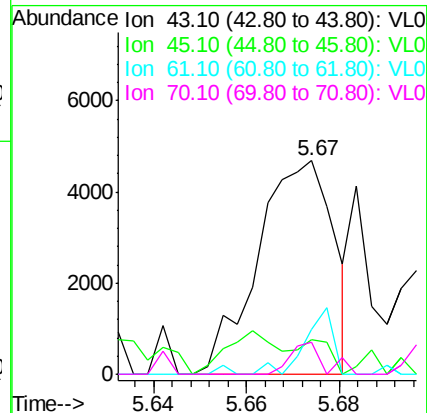
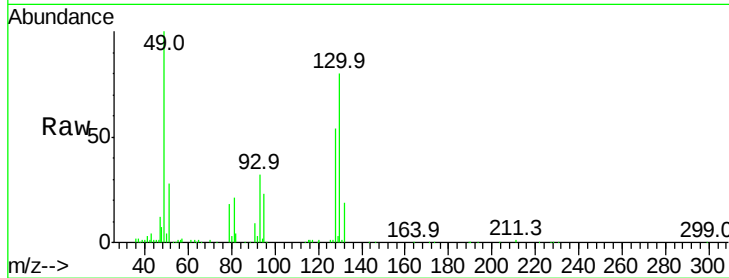
Delta R.T. 0.02 min

Lab File: VL035320.D

Acq: 3 Aug 2020 15:28

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:	43	Resp:	5346
Ion	Ratio	Lower	Upper
43	100		
45	36.4	8.6	12.8#
61	11.9	8.1	12.1
70	12.7	6.5	9.7#



#26

Hexane

Concen: 0.005 ppbv

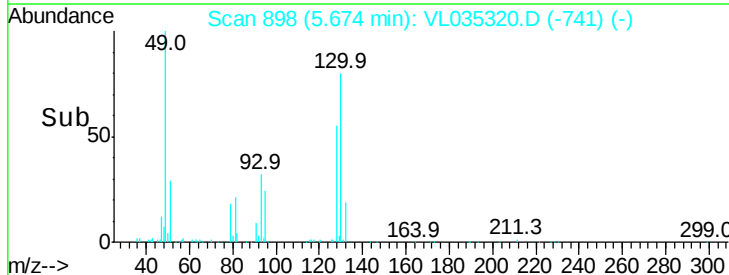
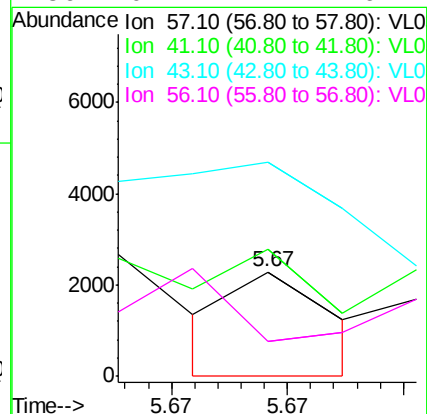
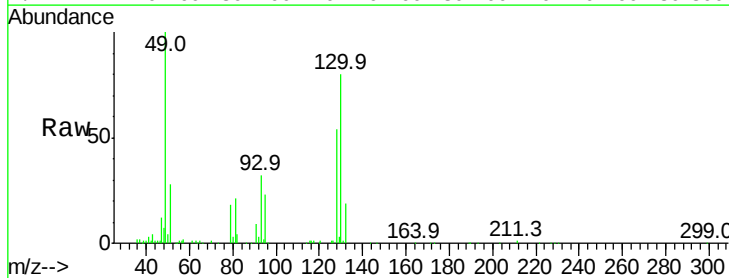
RT: 5.67 min Scan# 898

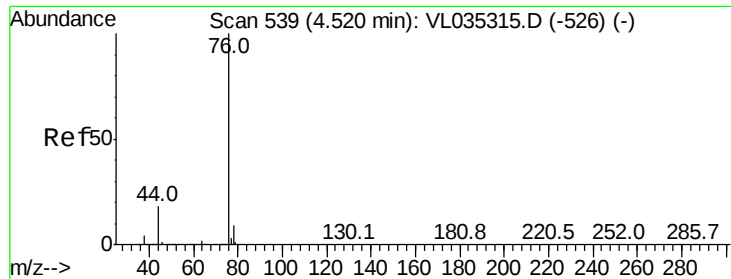
Delta R.T. 0.00 min

Lab File: VL035320.D

Acq: 3 Aug 2020 15:28

Tgt Ion:	57	Resp:	679
Ion	Ratio	Lower	Upper
57	100		
41	701.5	72.1	108.1#
43	1167.6	179.0	268.6#
56	402.7	42.7	64.1#





#27

Carbon Disulfide

Concen: 0.025 ppbv

RT: 4.52 min Scan# 540

Delta R.T. 0.00 min

Lab File: VL035320.D

Acq: 3 Aug 2020 15:28

Instrument :

MSVOA_L

ClientSampleId :

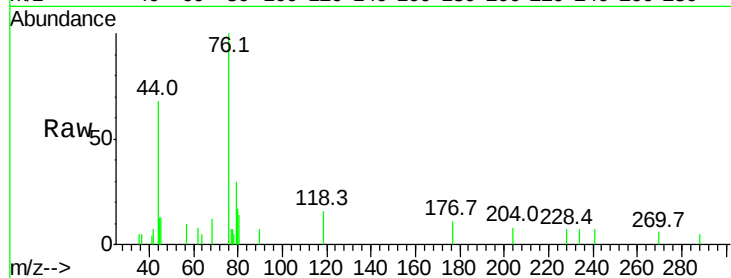
Tgt Ion: 76 Resp: 4307

Ion Ratio Lower Upper

76 100

44 149.1 14.8 22.2#

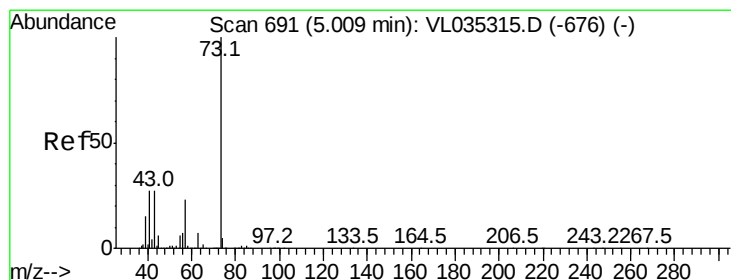
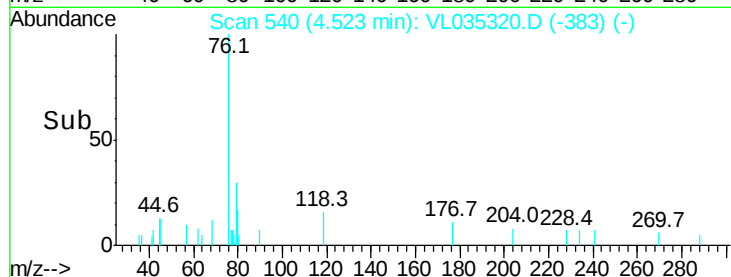
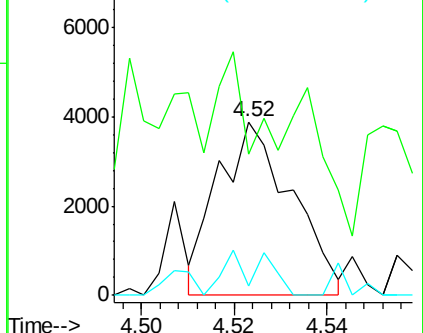
78 27.0 7.8 11.8#



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: 0.008 ppbv

RT: 5.02 min Scan# 696

Delta R.T. 0.02 min

Lab File: VL035320.D

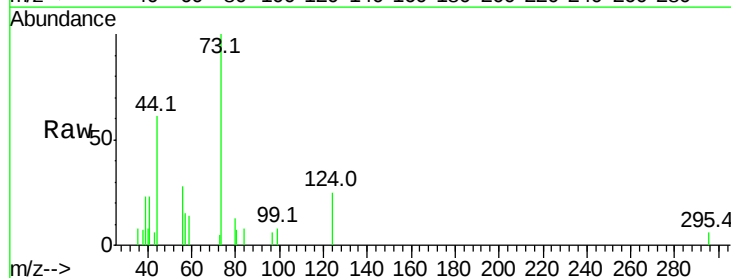
Acq: 3 Aug 2020 15:28

Tgt Ion: 73 Resp: 1400

Ion Ratio Lower Upper

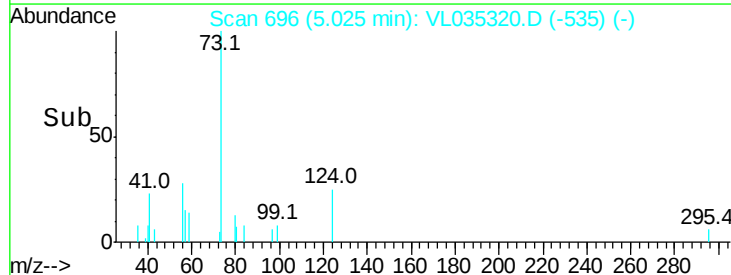
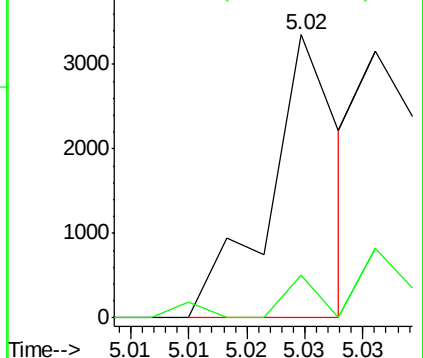
73 100

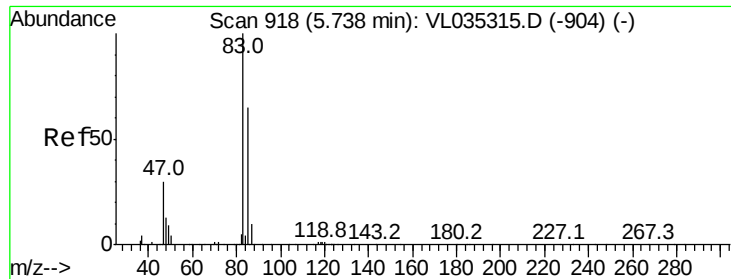
57 0.0 18.2 27.2#



Abundance Ion 73.10 (72.80 to 73.80): VL0

Ion 57.10 (56.80 to 57.80): VL0

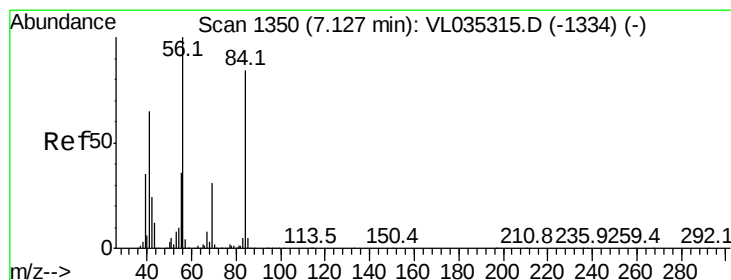
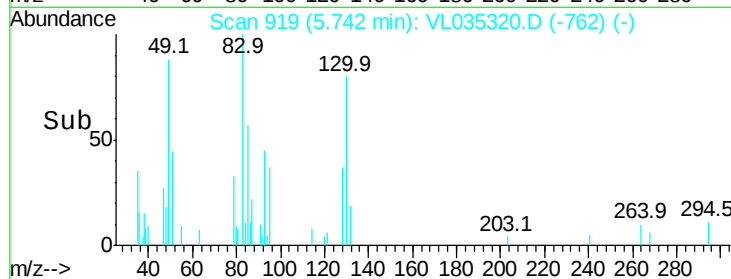
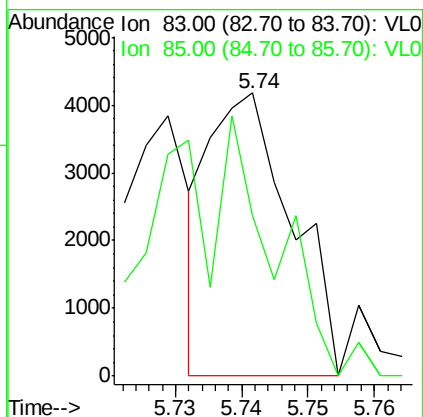
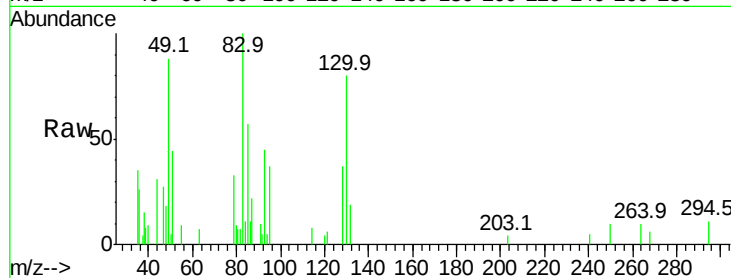




#29
Chloroform
Concen: 0.017 ppbv
RT: 5.74 min Scan# 919
Delta R.T. 0.00 min
Lab File: VL035320.D
Acq: 3 Aug 2020 15:28

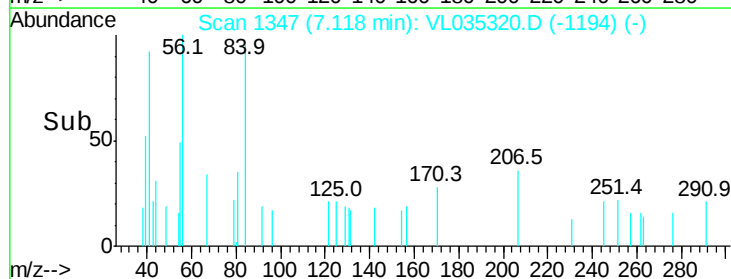
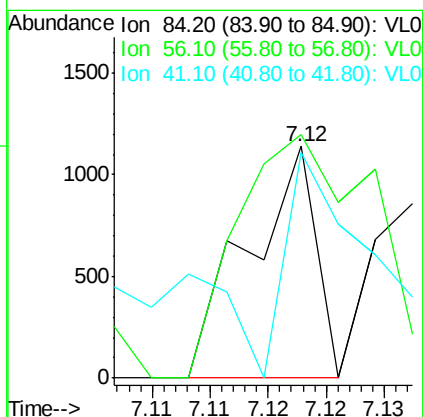
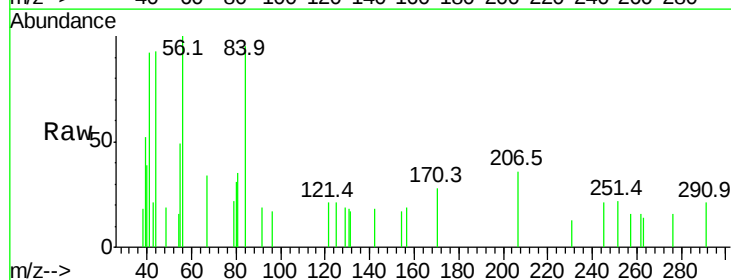
Instrument :
MSVOA_L
ClientSampled :

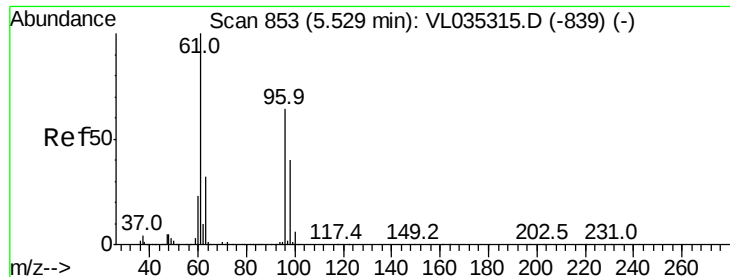
Tgt Ion: 83 Resp: 3621
Ion Ratio Lower Upper
83 100
85 56.9 51.9 77.9



#30
Cyclohexane
Concen: 0.005 ppbv
RT: 7.12 min Scan# 1347
Delta R.T. -0.01 min
Lab File: VL035320.D
Acq: 3 Aug 2020 15:28

Tgt Ion: 84 Resp: 462
Ion Ratio Lower Upper
84 100
56 0.0 103.0 154.6#
41 95.2 62.7 94.1#



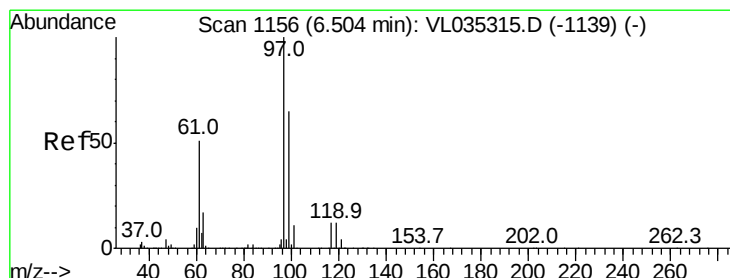
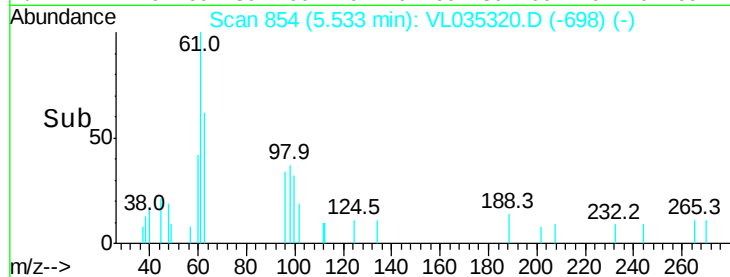
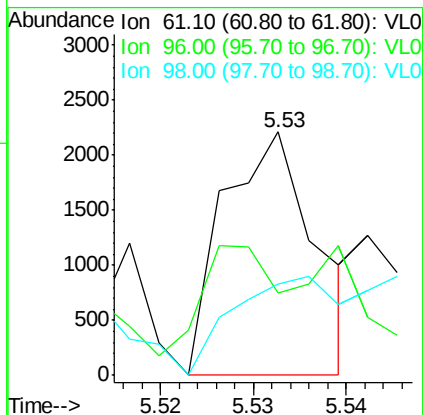
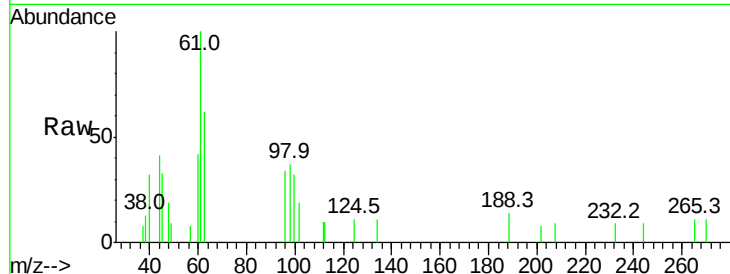


#31

cis-1,2-Dichloroethene
 Concen: 0.014 ppbv
 RT: 5.53 min Scan# 854
 Delta R.T. 0.00 min
 Lab File: VL035320.D
 Acq: 3 Aug 2020 15:28

Instrument :
 MSVOA_L
 ClientSampled :

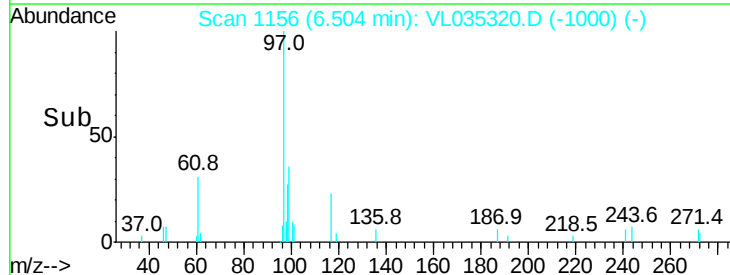
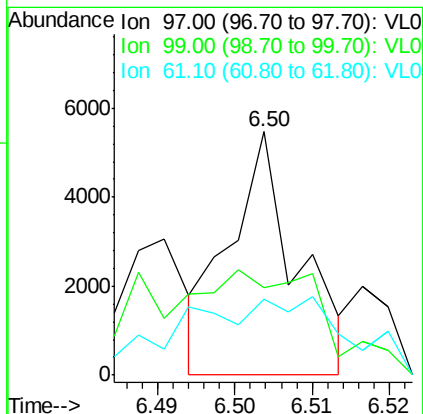
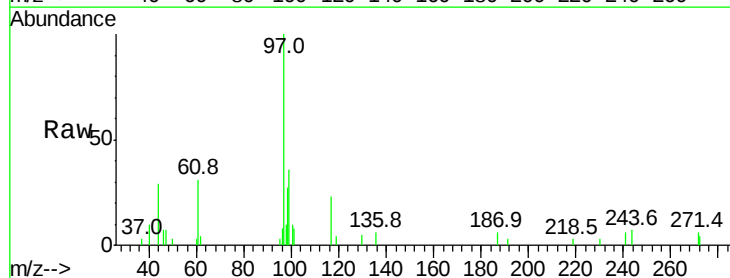
Tgt Ion: 61 Resp: 1517
 Ion Ratio Lower Upper
 61 100
 96 15.3 51.4 77.2#
 98 37.4 32.2 48.4

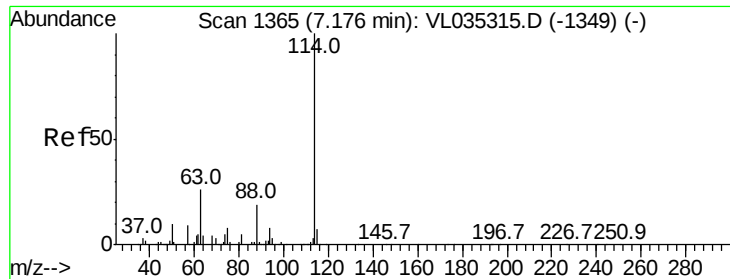


#32

1,1,1-Trichloroethane
 Concen: 0.015 ppbv
 RT: 6.50 min Scan# 1156
 Delta R.T. -0.00 min
 Lab File: VL035320.D
 Acq: 3 Aug 2020 15:28

Tgt Ion: 97 Resp: 3326
 Ion Ratio Lower Upper
 97 100
 99 129.6 52.2 78.4#
 61 0.0 40.9 61.3#

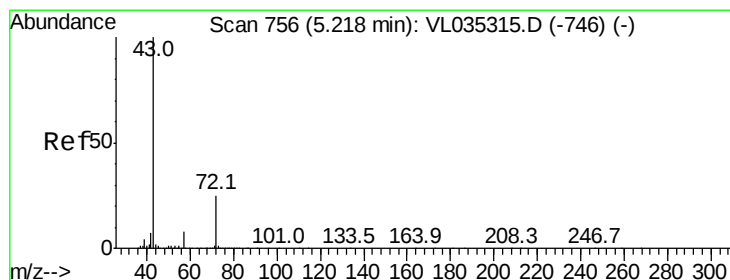
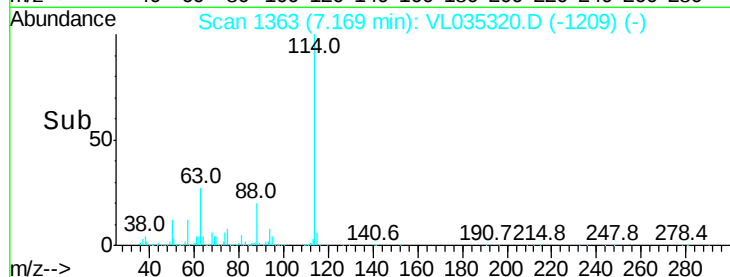
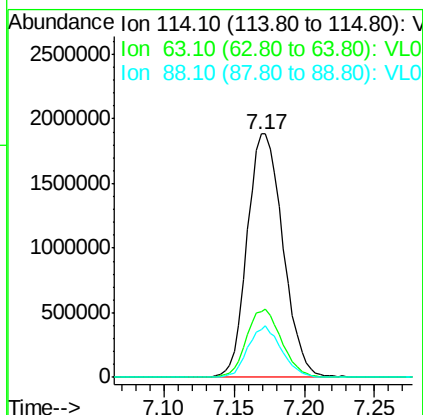
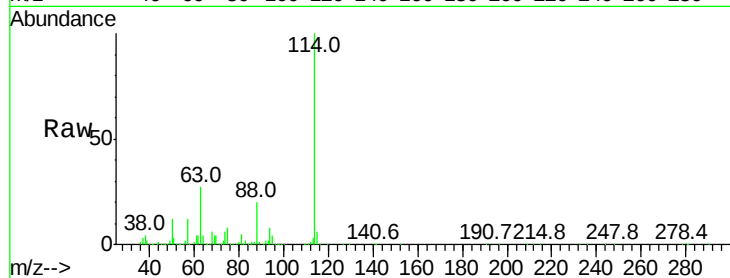




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.17 min Scan# 1363
 Delta R.T. -0.01 min
 Lab File: VL035320.D
 Acq: 3 Aug 2020 15:28

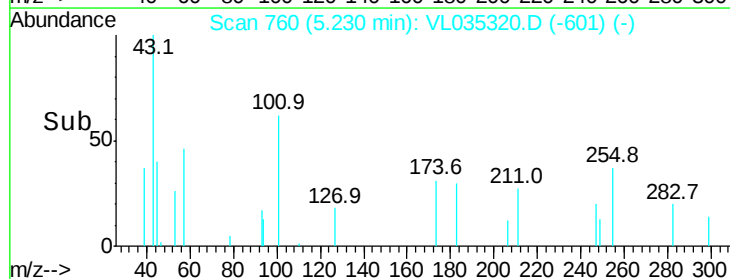
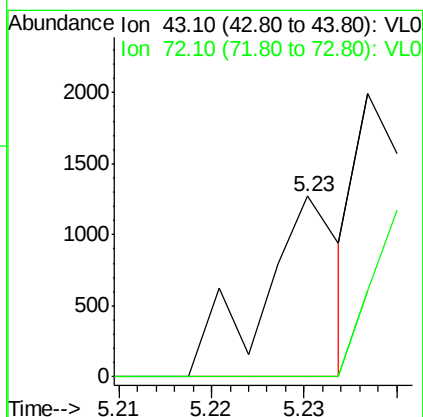
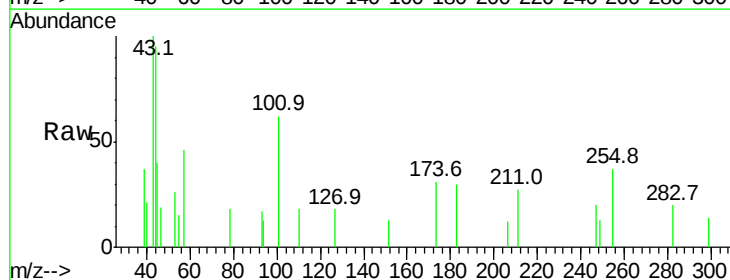
Instrument :
 MSVOA_L
 ClientSampleId :

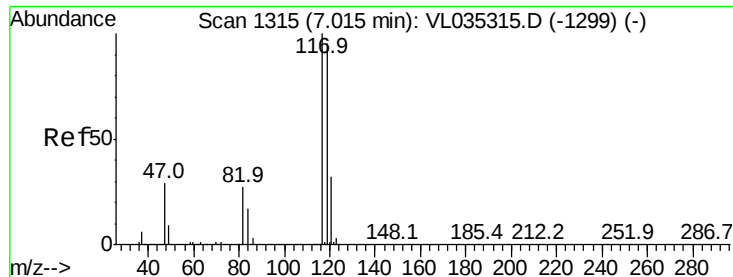
Tgt Ion: 114 Resp: 3350817
 Ion Ratio Lower Upper
 114 100
 63 27.5 21.5 32.3
 88 19.7 15.3 22.9



#34
 2-Butanone
 Concen: 0.004 ppbv
 RT: 5.23 min Scan# 760
 Delta R.T. 0.01 min
 Lab File: VL035320.D
 Acq: 3 Aug 2020 15:28

Tgt Ion: 43 Resp: 730
 Ion Ratio Lower Upper
 43 100
 72 0.0 19.2 28.8#





#35

Carbon Tetrachloride

Concen: 0.008 ppbv

RT: 7.01 min Scan# 1313

Delta R.T. -0.01 min

Lab File: VL035320.D

Acq: 3 Aug 2020 15:28

Instrument :

MSVOA_L

ClientSampleId :

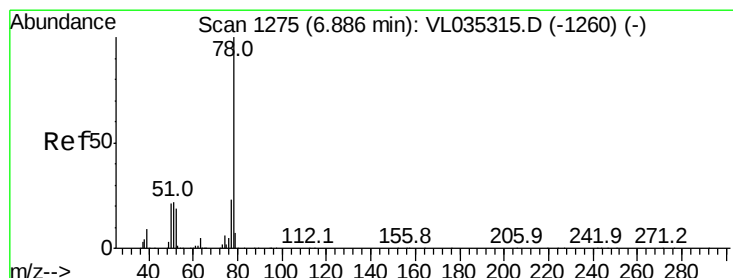
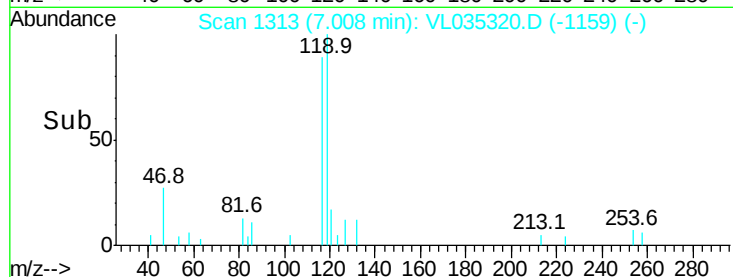
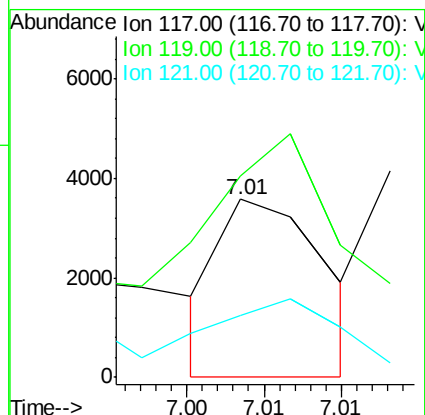
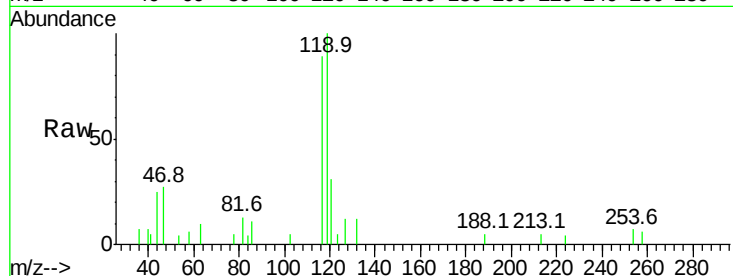
Tgt Ion:117 Resp: 1685

Ion Ratio Lower Upper

117 100

119 70.3 76.1 114.1#

121 19.1 25.6 38.4#



#36

Benzene

Concen: 0.010 ppbv

RT: 6.88 min Scan# 1273

Delta R.T. -0.01 min

Lab File: VL035320.D

Acq: 3 Aug 2020 15:28

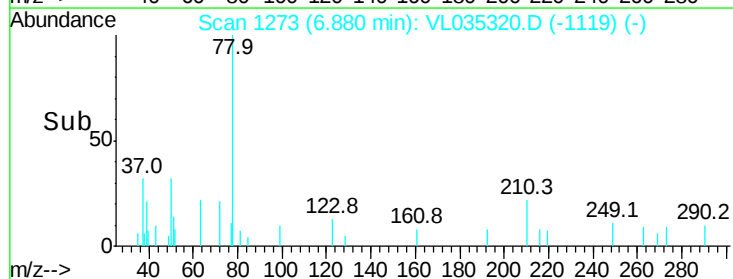
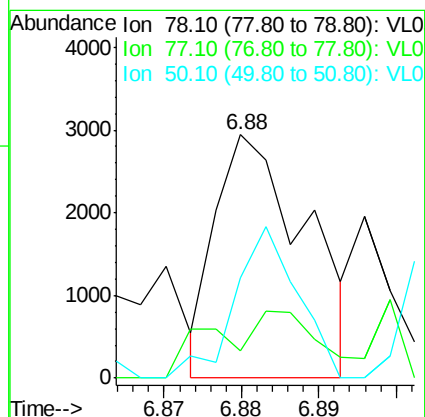
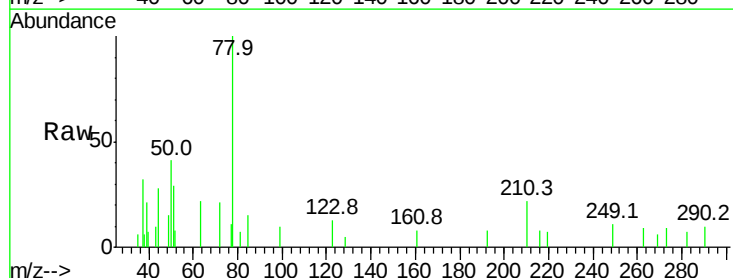
Tgt Ion: 78 Resp: 2397

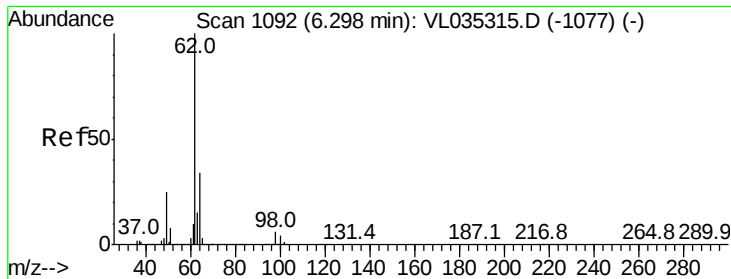
Ion Ratio Lower Upper

78 100

77 3.0 18.4 27.6#

50 50.8 16.6 25.0#

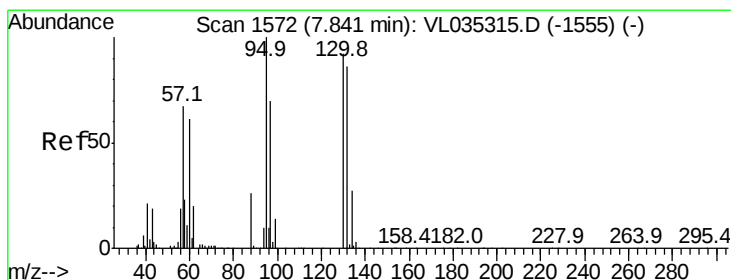
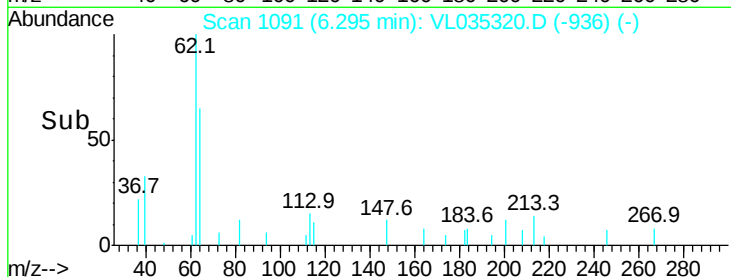
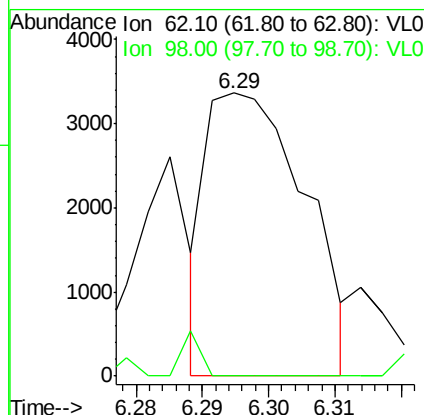
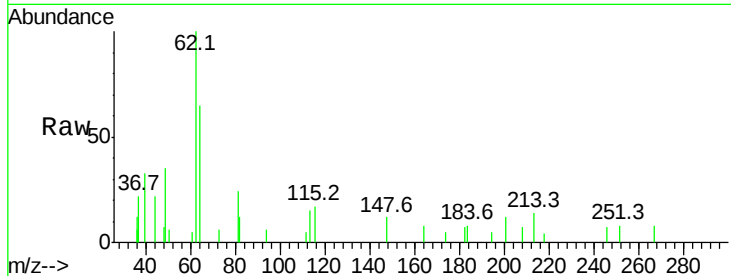




#37
 1,2-Dichloroethane
 Concen: 0.021 ppbv
 RT: 6.29 min Scan# 1091
 Delta R.T. -0.00 min
 Lab File: VL035320.D
 Acq: 3 Aug 2020 15:28

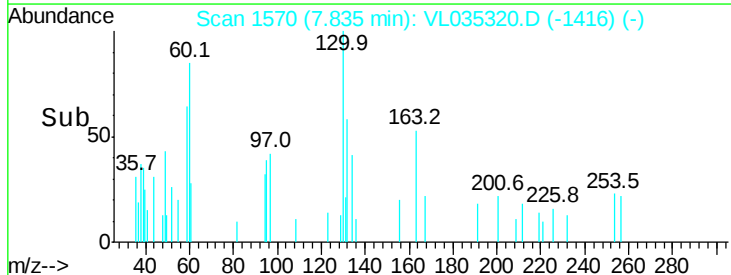
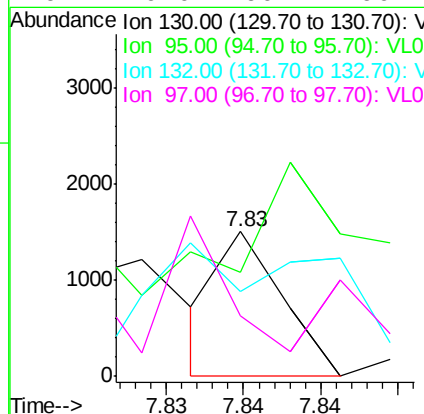
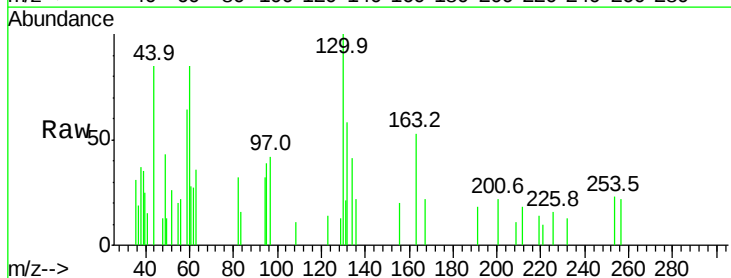
Instrument :
 MSVOA_L
 ClientSampleId :

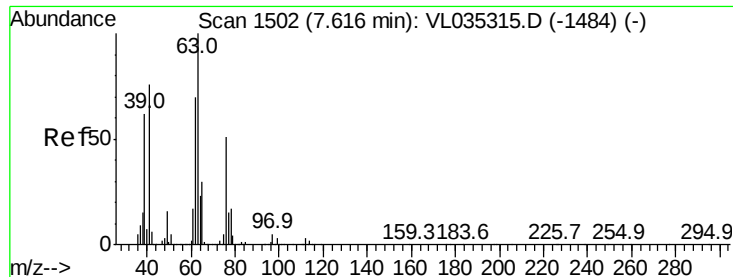
Tgt Ion: 62 Resp: 3484
 Ion Ratio Lower Upper
 62 100
 98 0.0 4.6 7.0#



#38
 Trichloroethene
 Concen: 0.004 ppbv
 RT: 7.83 min Scan# 1570
 Delta R.T. -0.01 min
 Lab File: VL035320.D
 Acq: 3 Aug 2020 15:28

Tgt Ion: 130 Resp: 428
 Ion Ratio Lower Upper
 130 100
 95 0.0 86.3 129.5#
 132 0.0 74.2 111.2#
 97 0.0 60.2 90.4#

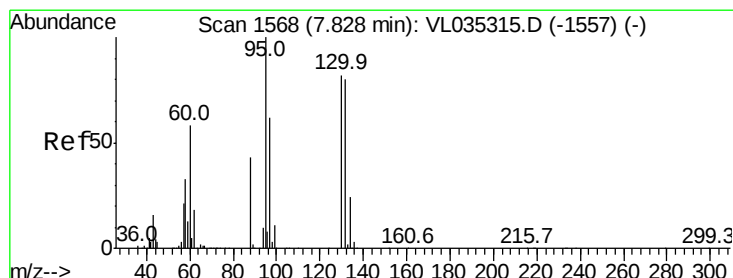
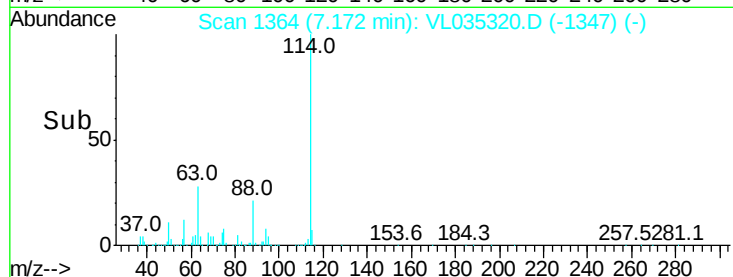
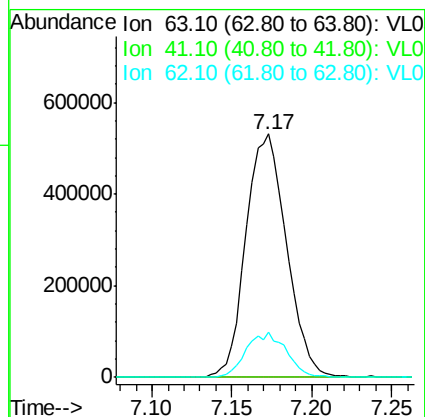
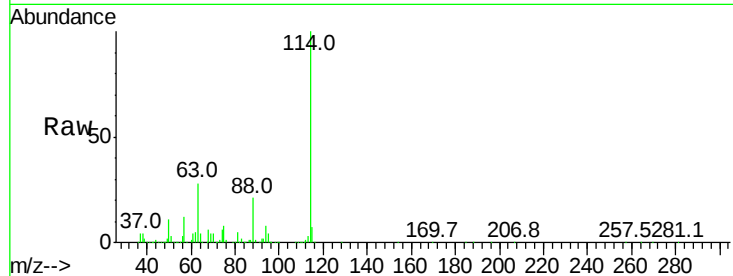




#39
 1,2-Dichloropropane
 Concen: 9.891 ppbv
 RT: 7.17 min Scan# 1364
 Delta R.T. -0.44 min
 Lab File: VL035320.D
 Acq: 3 Aug 2020 15:28

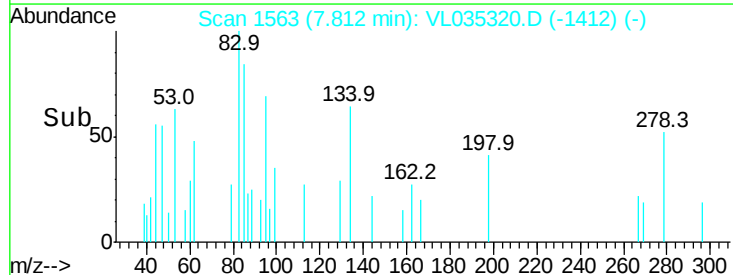
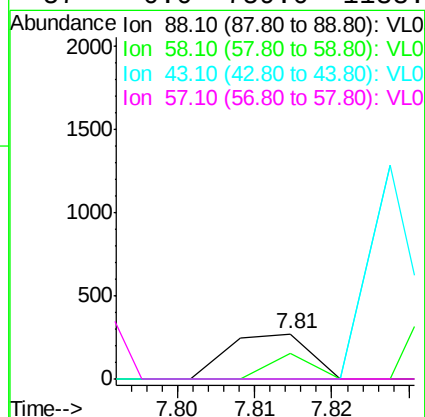
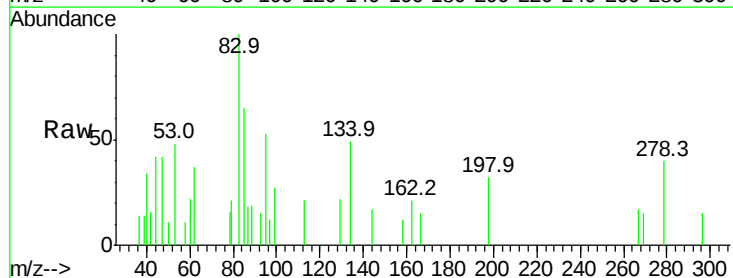
Instrument :
 MSVOA_L
 ClientSampleId :

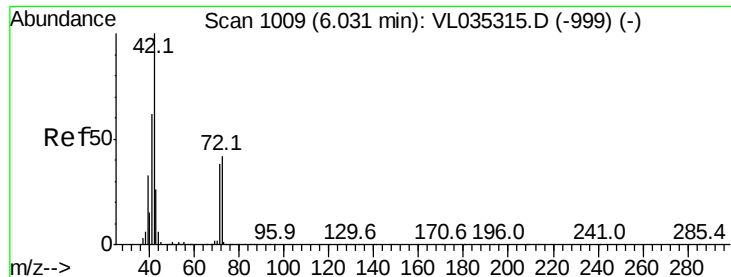
Tgt Ion: 63 Resp: 919007
 Ion Ratio Lower Upper
 63 100
 41 0.0 61.0 91.4#
 62 18.4 55.8 83.8#



#40
 1,4-Dioxane
 Concen: 0.003 ppbv
 RT: 7.81 min Scan# 1563
 Delta R.T. -0.02 min
 Lab File: VL035320.D
 Acq: 3 Aug 2020 15:28

Tgt Ion: 88 Resp: 99
 Ion Ratio Lower Upper
 88 100
 58 385.9 95.4 143.2#
 43 63.6 172.7 259.1#
 57 0.0 759.0 1138.4#





#41

Tetrahydrofuran

Concen: 0.001 ppbv

RT: 6.04 min Scan# 1012

Delta R.T. 0.01 min

Lab File: VL035320.D

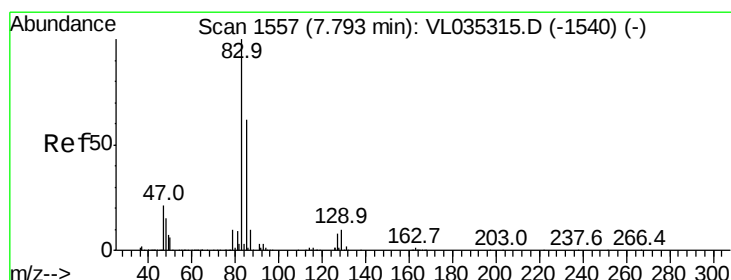
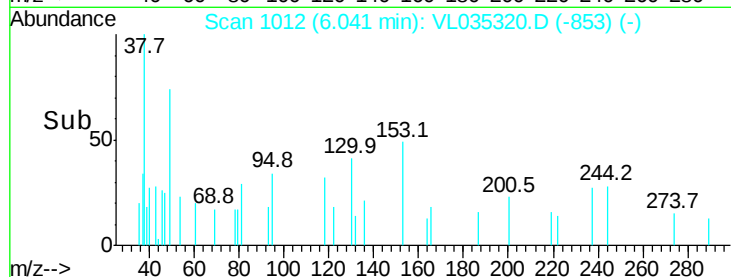
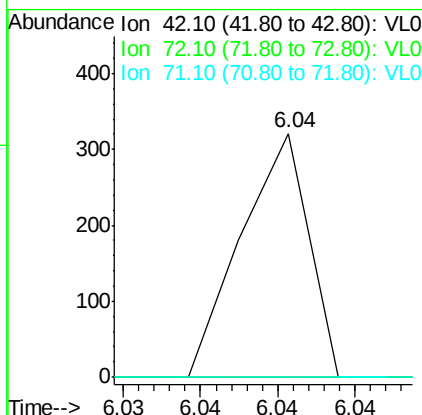
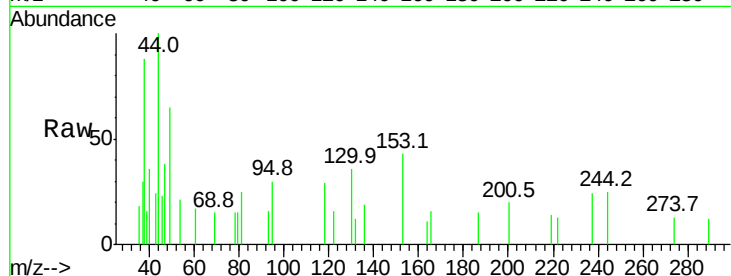
Acq: 3 Aug 2020 15:28

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion:	42	Resp:	97
Ion	Ratio	Lower	Upper
42	100		
72	142.3	33.8	50.8#
71	0.0	32.7	49.1#



#42

Bromodichloromethane

Concen: 0.010 ppbv

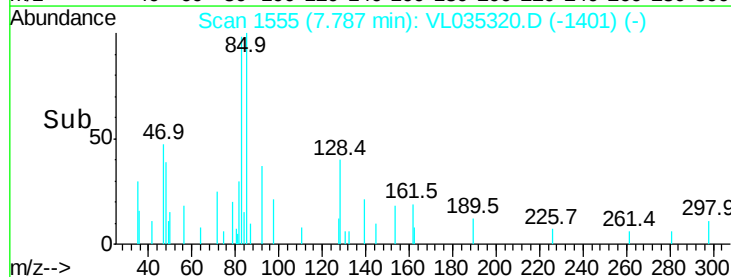
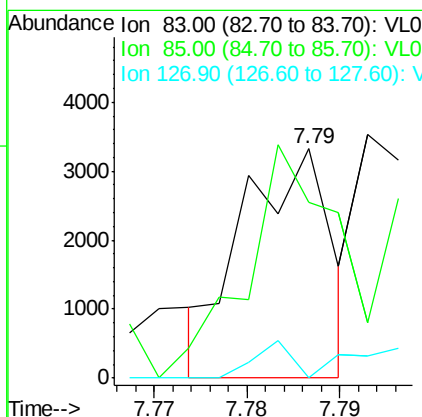
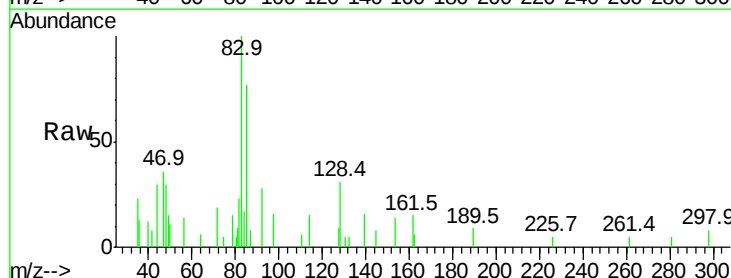
RT: 7.79 min Scan# 1555

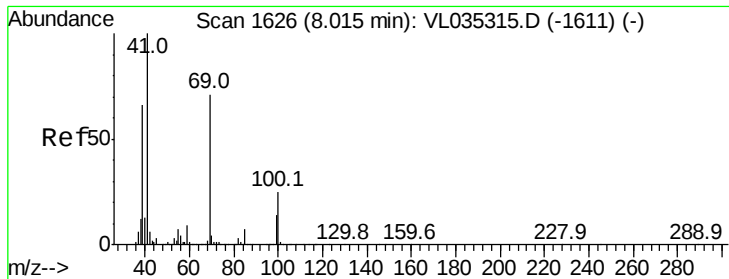
Delta R.T. -0.01 min

Lab File: VL035320.D

Acq: 3 Aug 2020 15:28

Tgt Ion:	83	Resp:	2187
Ion	Ratio	Lower	Upper
83	100		
85	84.5	49.9	74.9#
127	13.4	6.6	10.0#

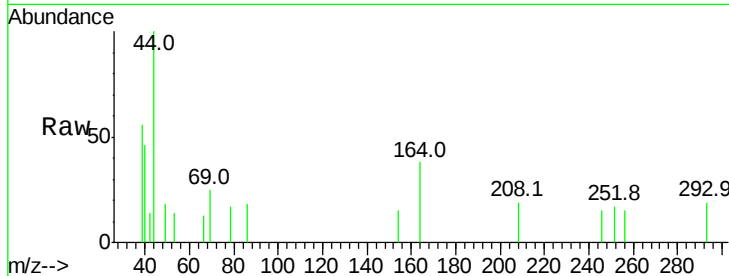




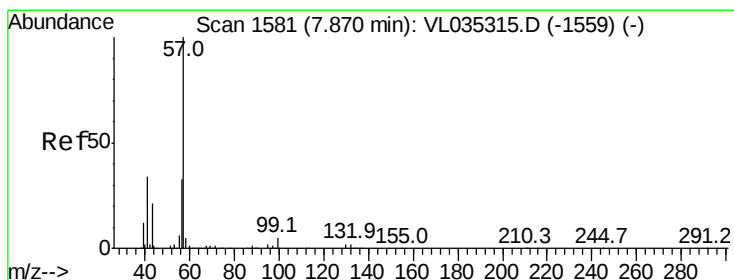
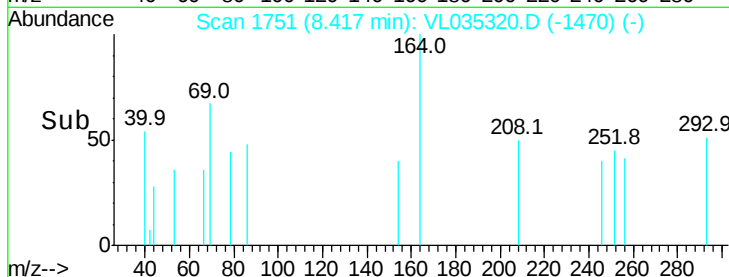
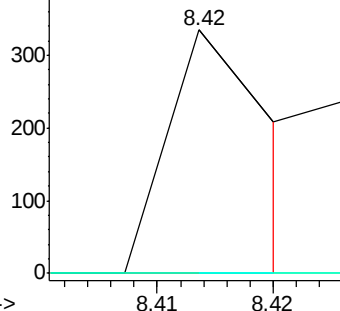
#43
Methyl Methacrylate
Concen: 0.001 ppbv
RT: 8.42 min Scan# 1751
Delta R.T. 0.40 min
Lab File: VL035320.D
Acq: 3 Aug 2020 15:28

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 69 Resp: 105
Ion Ratio Lower Upper
69 100
41 152.4 110.9 166.3
100 29.5 26.0 39.0

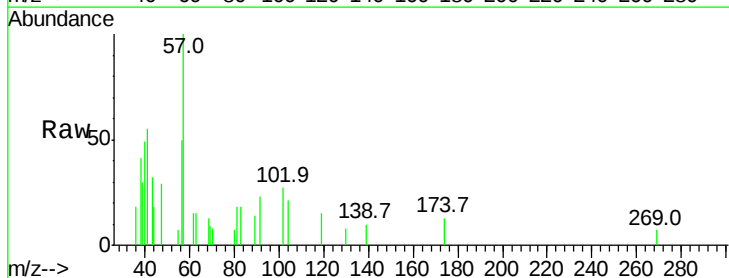


Abundance Ion 69.10 (68.80 to 69.80): VL0
Ion 41.10 (40.80 to 41.80): VL0
Ion 100.10 (99.80 to 100.80): VL0

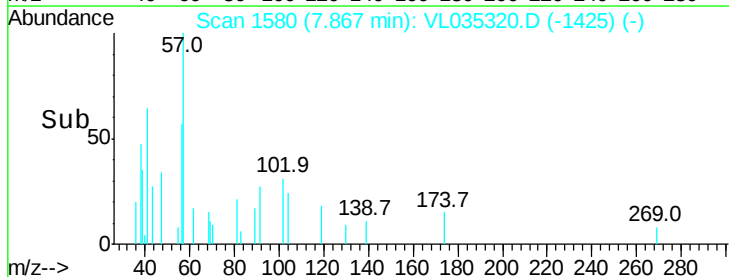
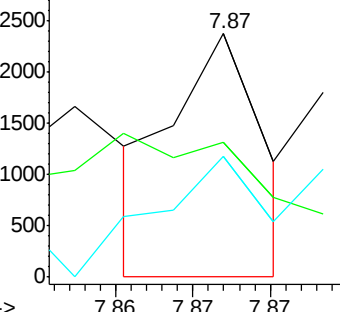


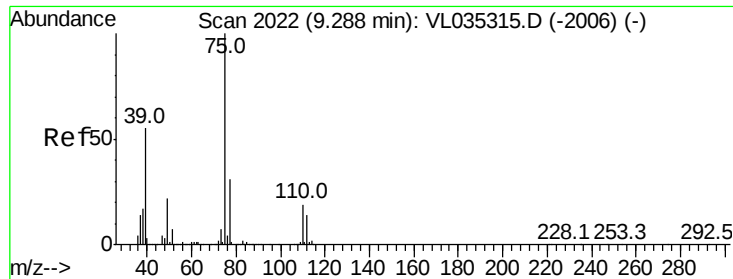
#44
2,2,4-Trimethylpentane
Concen: 0.002 ppbv
RT: 7.87 min Scan# 1580
Delta R.T. -0.00 min
Lab File: VL035320.D
Acq: 3 Aug 2020 15:28

Tgt Ion: 57 Resp: 964
Ion Ratio Lower Upper
57 100
41 0.0 26.7 40.1#
56 0.0 25.4 38.0#



Abundance Ion 57.10 (56.80 to 57.80): VL0
Ion 41.10 (40.80 to 41.80): VL0
Ion 56.10 (55.80 to 56.80): VL0





#45

t-1,3-Dichloropropene

Concen: 0.008 ppbv

RT: 9.28 min Scan# 2019

Delta R.T. -0.01 min

Lab File: VL035320.D

Acq: 3 Aug 2020 15:28

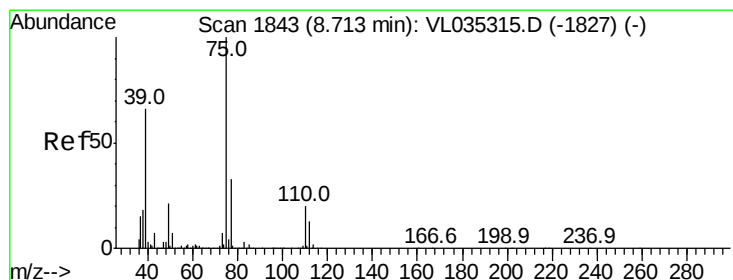
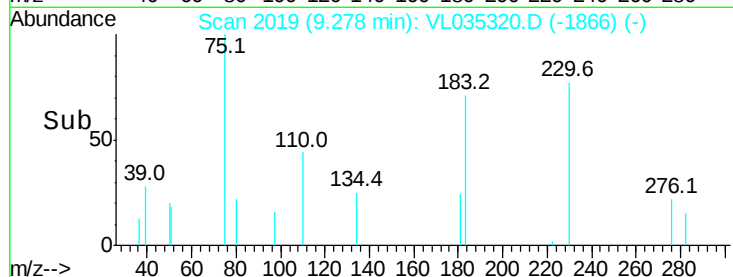
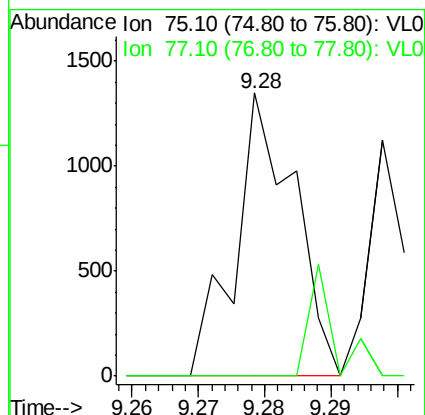
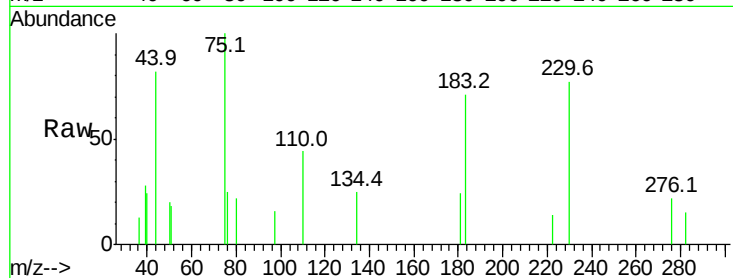
Instrument :
MSVOA_L
ClientSampled :

Tgt Ion: 75 Resp: 836

Ion Ratio Lower Upper

75 100

77 0.0 24.6 37.0#



#46

cis-1,3-Dichloropropene

Concen: 0.009 ppbv

RT: 8.71 min Scan# 1841

Delta R.T. -0.01 min

Lab File: VL035320.D

Acq: 3 Aug 2020 15:28

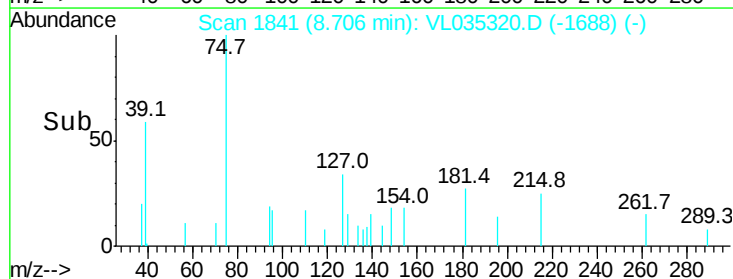
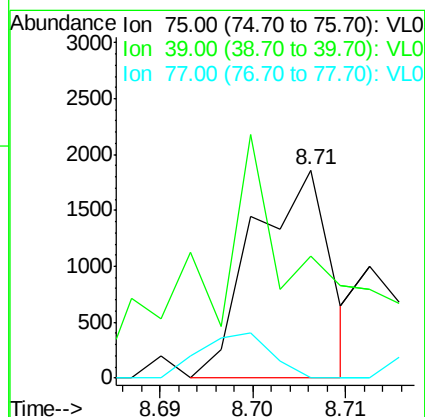
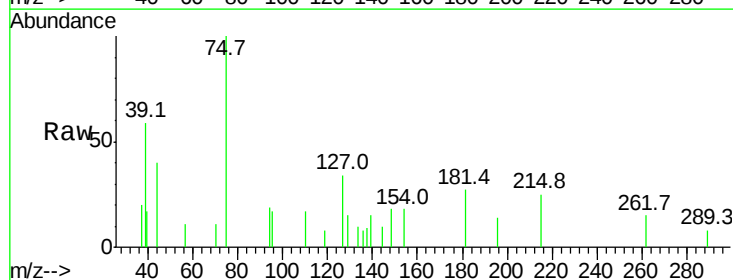
Tgt Ion: 75 Resp: 1072

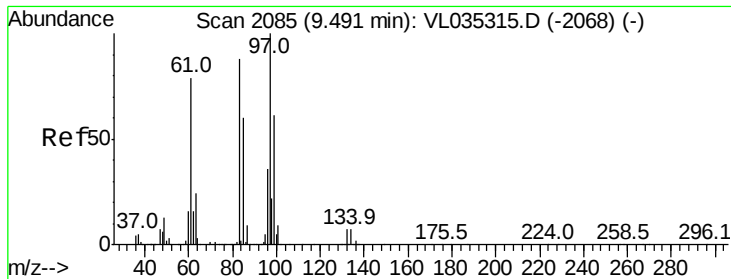
Ion Ratio Lower Upper

75 100

39 14.1 52.6 79.0#

77 0.0 26.5 39.7#





#47

1,1,2-Trichloroethane

Concen: 0.009 ppbv

RT: 9.48 min Scan# 2081

Delta R.T. -0.01 min

Lab File: VL035320.D

Acq: 3 Aug 2020 15:28

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion: 97 Resp: 963

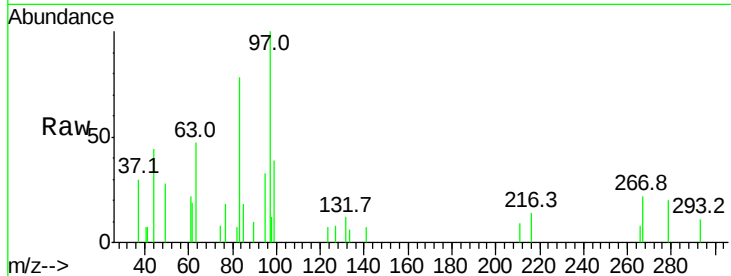
Ion Ratio Lower Upper

97 100

83 23.8 70.6 105.8#

85 17.9 47.8 71.8#

99 14.6 49.0 73.6#

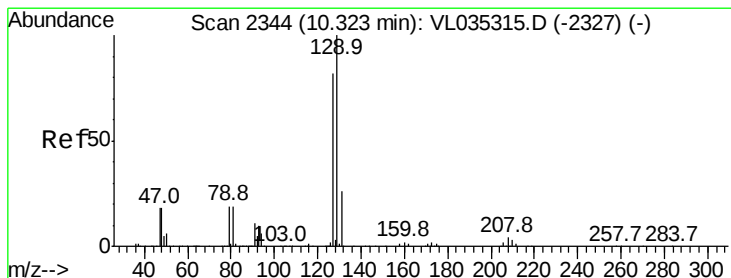
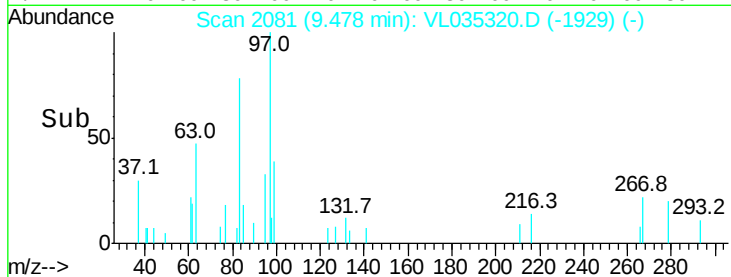
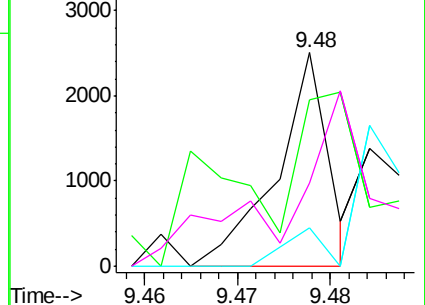


Abundance Ion 97.00 (96.70 to 97.70): VL0

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: 0.001 ppbv

RT: 10.63 min Scan# 2438

Delta R.T. 0.30 min

Lab File: VL035320.D

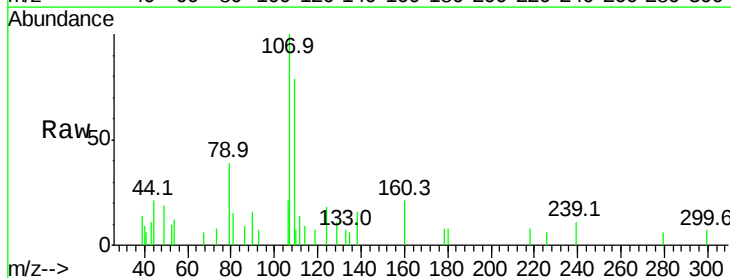
Acq: 3 Aug 2020 15:28

Tgt Ion: 129 Resp: 105

Ion Ratio Lower Upper

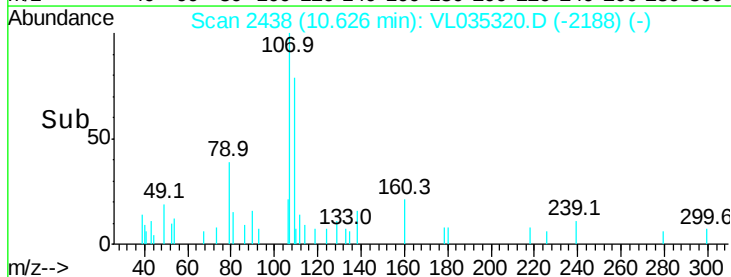
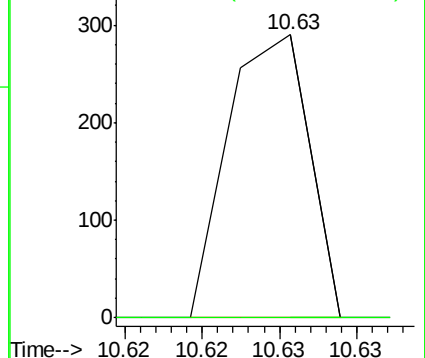
129 100

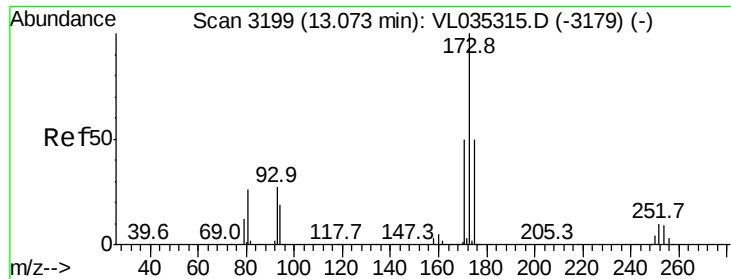
127 101.0 39.0 117.0



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V





#49

Bromoform

Concen: 0.002 ppbv

RT: 13.10 min Scan# 3209

Delta R.T. 0.03 min

Lab File: VL035320.D

Acq: 3 Aug 2020 15:28

Instrument :

MSVOA_L

ClientSampled :

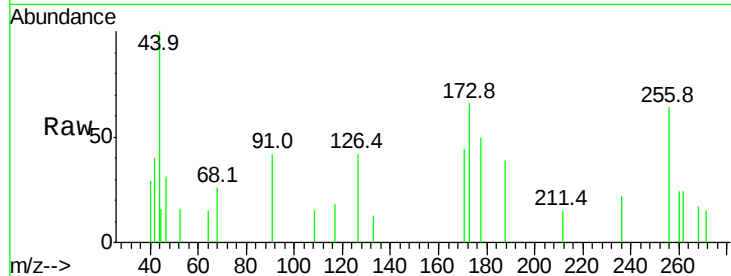
Tgt Ion:173 Resp: 269

Ion Ratio Lower Upper

173 100

175 56.9 39.8 59.6

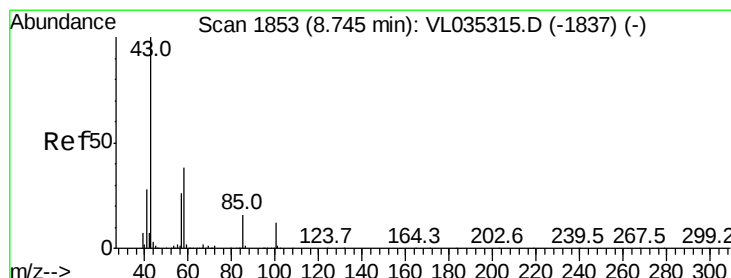
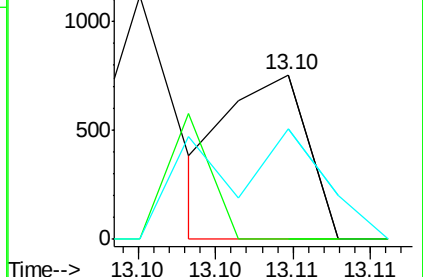
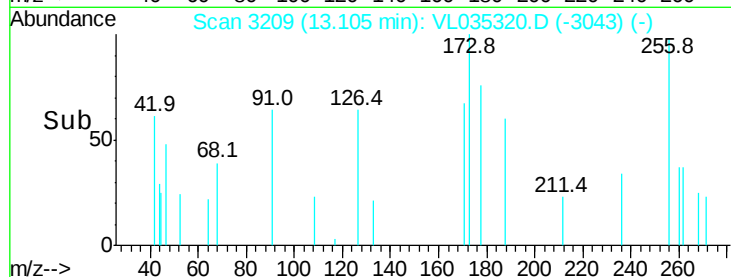
171 56.5 42.0 63.0



Abundance Ion 172.90 (172.60 to 173.60): V

Ion 174.90 (174.60 to 175.60): V

Ion 170.90 (170.60 to 171.60): V



#50

4-Methyl-2-Pentanone

Concen: 0.002 ppbv

RT: 8.76 min Scan# 1857

Delta R.T. 0.01 min

Lab File: VL035320.D

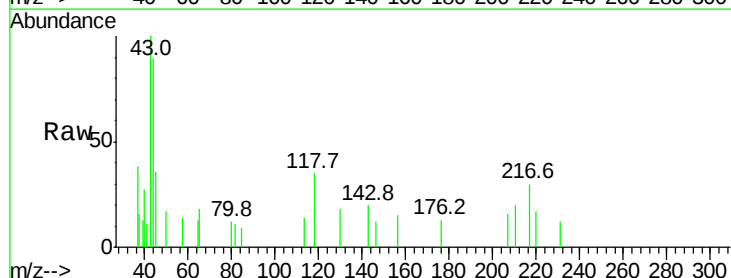
Acq: 3 Aug 2020 15:28

Tgt Ion: 43 Resp: 524

Ion Ratio Lower Upper

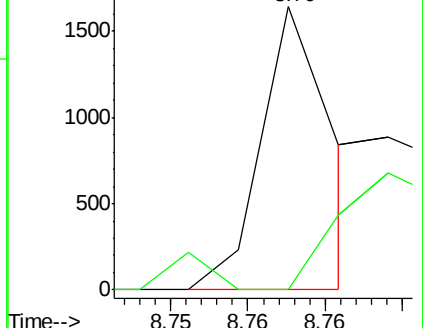
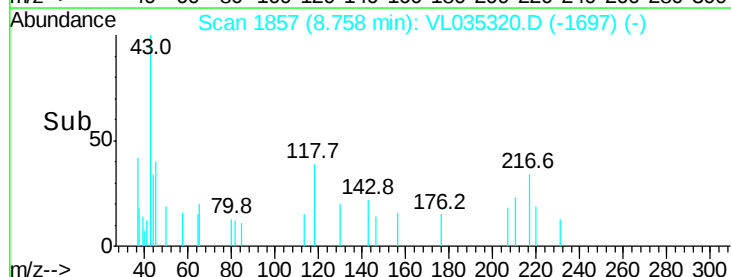
43 100

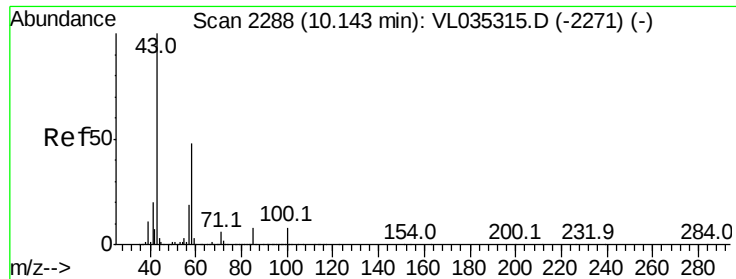
58 0.0 29.8 44.6#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

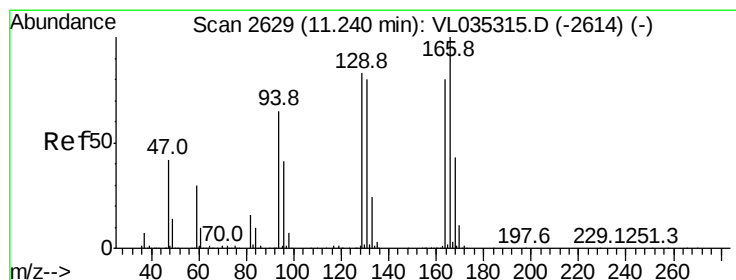
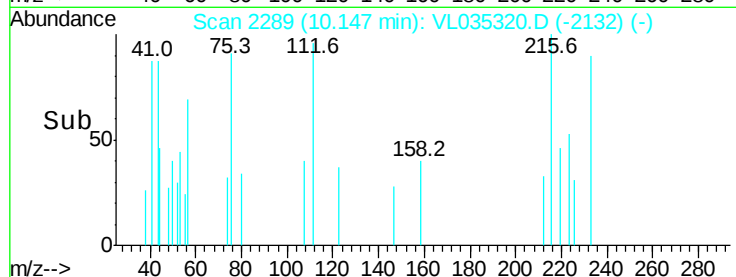
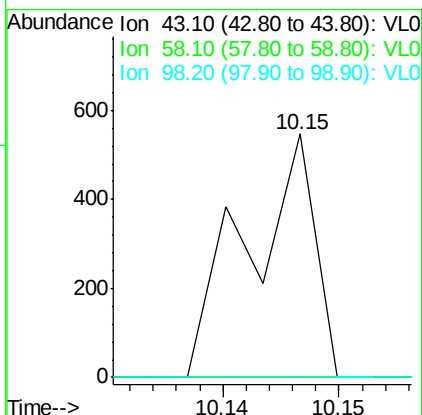
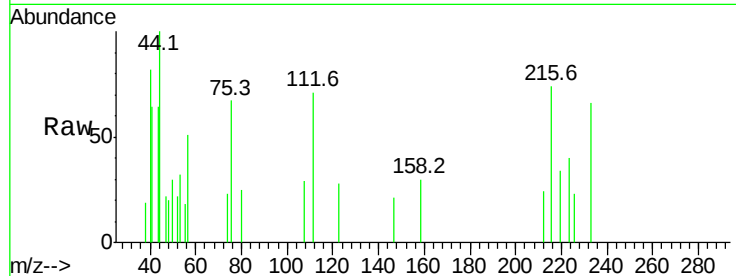




#51
2-Hexanone
Concen: 0.001 ppbv
RT: 10.15 min Scan# 2289
Delta R.T. 0.00 min
Lab File: VL035320.D
Acq: 3 Aug 2020 15:28

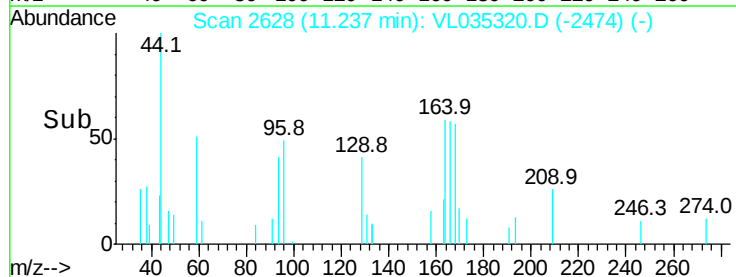
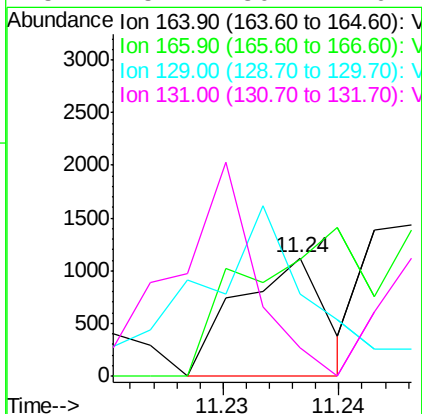
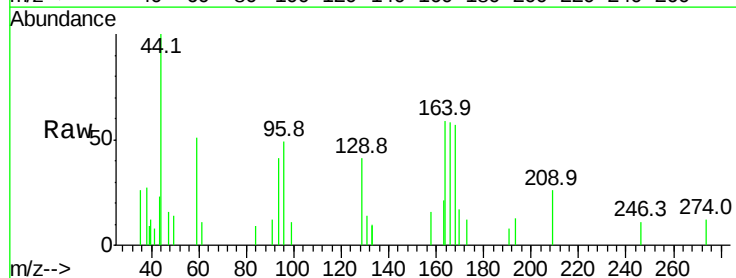
Instrument :
MSVOA_L
ClientSampled :

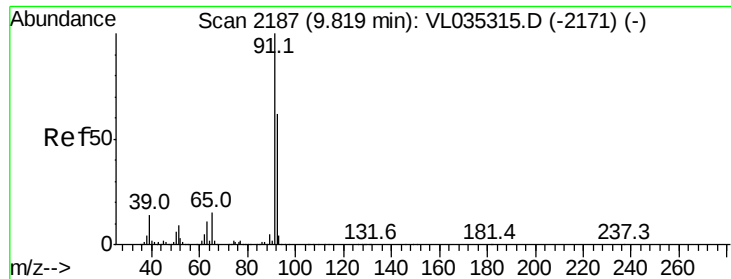
Tgt Ion: 43 Resp: 220
Ion Ratio Lower Upper
43 100
58 0.0 39.8 59.6#
98 0.0 0.3 0.5#



#52
Tetrachloroethene
Concen: 0.007 ppbv
RT: 11.24 min Scan# 2628
Delta R.T. -0.00 min
Lab File: VL035320.D
Acq: 3 Aug 2020 15:28

Tgt Ion: 164 Resp: 588
Ion Ratio Lower Upper
164 100
166 98.5 100.2 150.2#
129 22.3 82.7 124.1#
131 23.4 80.2 120.4#





#53

Toluene

Concen: 0.004 ppbv

RT: 9.81 min Scan# 2184

Delta R.T. -0.01 min

Lab File: VL035320.D

Acq: 3 Aug 2020 15:28

Instrument :

MSVOA_L

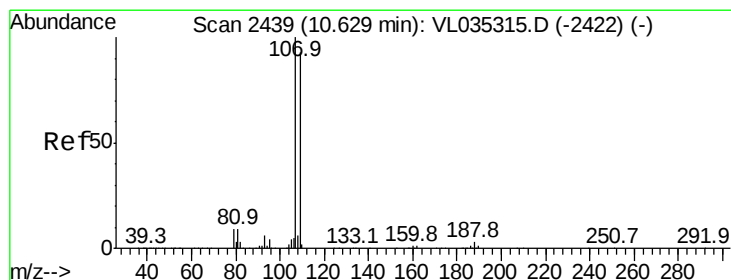
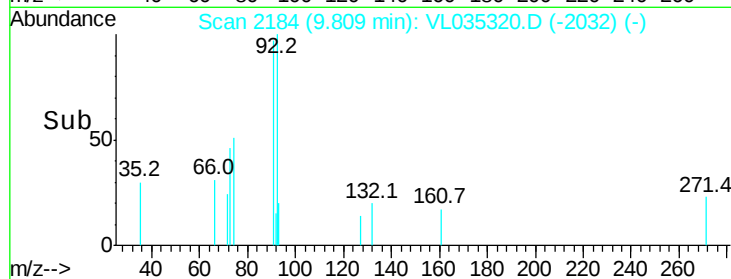
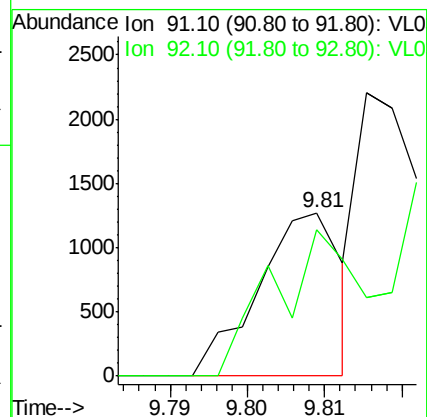
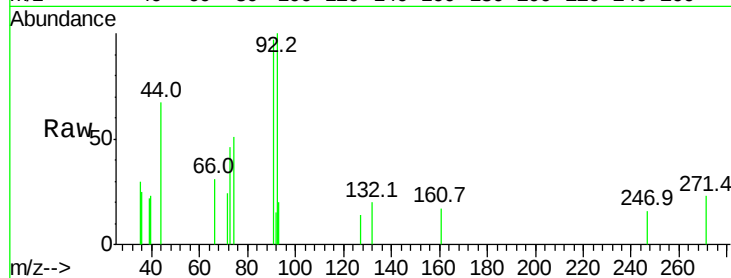
ClientSampled :

Tgt Ion: 91 Resp: 953

Ion Ratio Lower Upper

91 100

92 0.0 48.7 73.1#



#54

1,2-Dibromoethane

Concen: 0.001 ppbv

RT: 10.66 min Scan# 2448

Delta R.T. 0.03 min

Lab File: VL035320.D

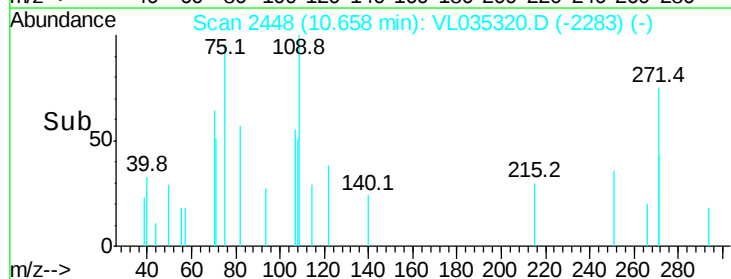
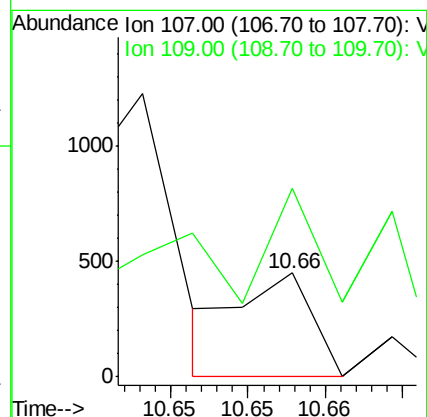
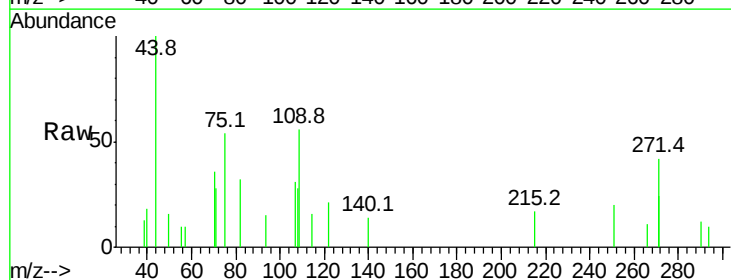
Acq: 3 Aug 2020 15:28

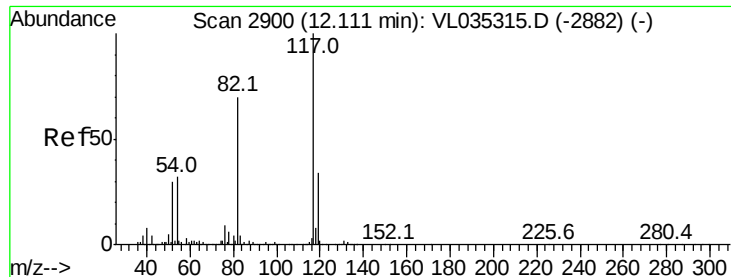
Tgt Ion: 107 Resp: 145

Ion Ratio Lower Upper

107 100

109 108.9 74.4 111.6





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.11 min Scan# 2899

Delta R.T. -0.00 min

Lab File: VL035320.D

Acq: 3 Aug 2020 15:28

Instrument :

MSVOA_L

ClientSampleId :

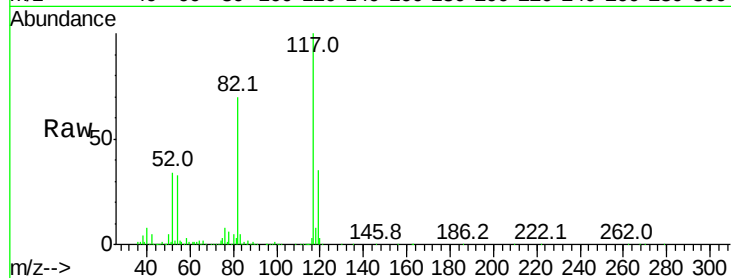
Tgt Ion:117 Resp: 3205264

Ion Ratio Lower Upper

117 100

82 68.6 50.6 76.0

119 33.3 24.1 36.1



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

2000000

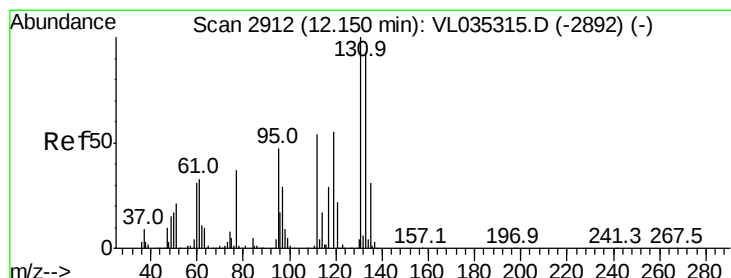
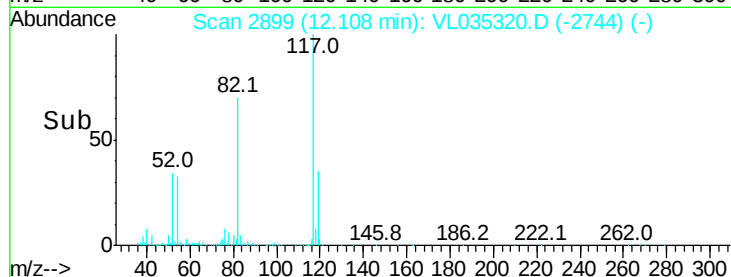
1500000

1000000

500000

0

Time--> 12.00 12.10 12.20



#56

1,1,1,2-Tetrachloroethane

Concen: 0.011 ppbv

RT: 12.15 min Scan# 2912

Delta R.T. -0.00 min

Lab File: VL035320.D

Acq: 3 Aug 2020 15:28

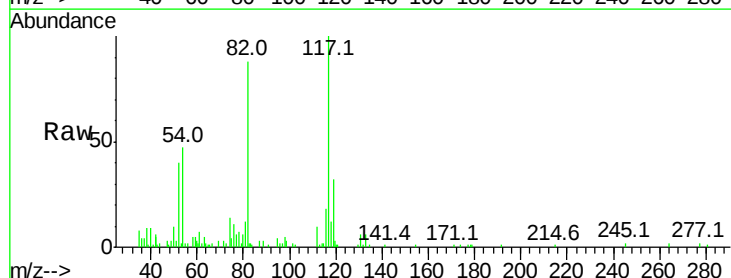
Tgt Ion:131 Resp: 1558

Ion Ratio Lower Upper

131 100

133 231.6 75.5 113.3#

119 0.0 53.1 79.7#



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

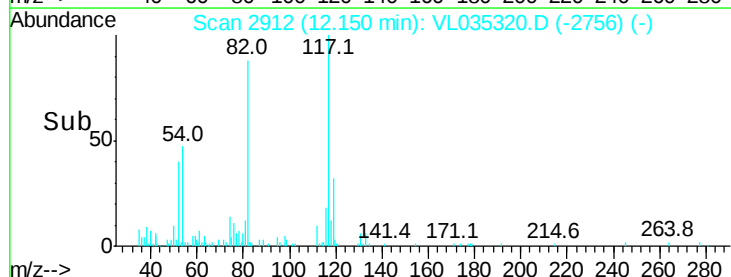
150000

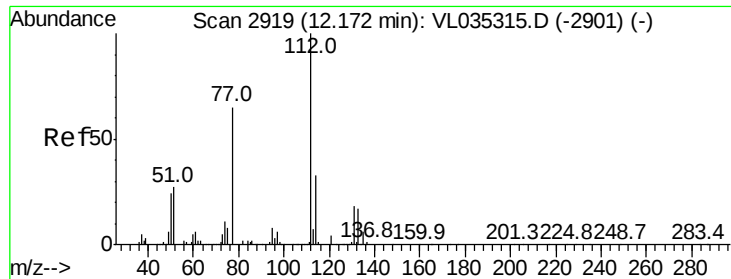
100000

50000

0

Time--> 12.14 12.15 12.16

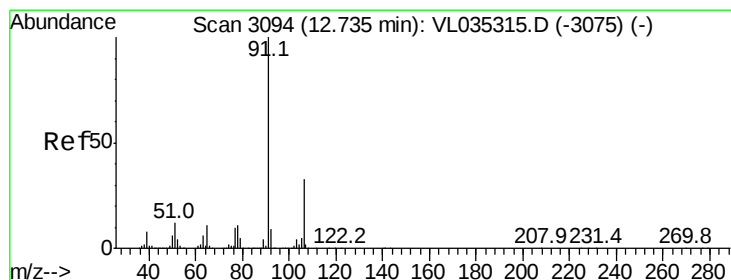
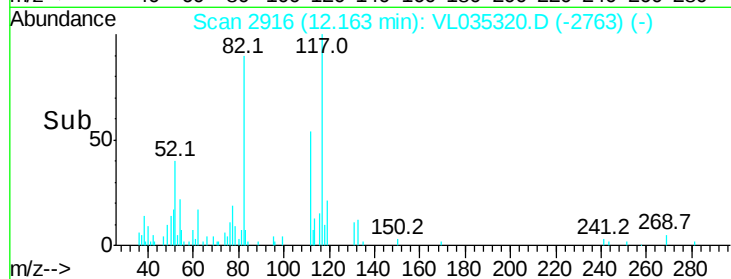
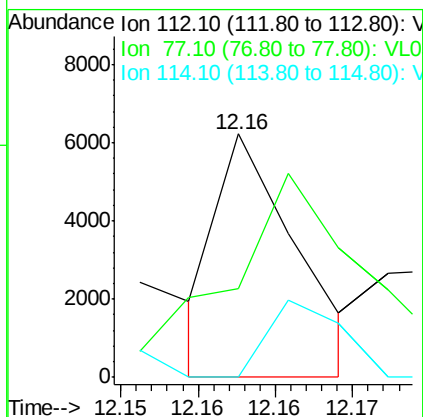
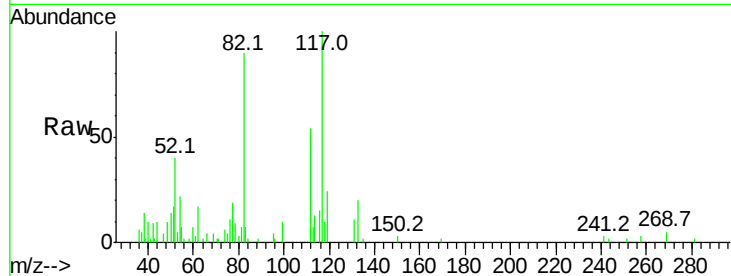




#57
Chlorobenzene
Concen: 0.009 ppbv
RT: 12.16 min Scan# 2916
Delta R.T. -0.01 min
Lab File: VL035320.D
Acq: 3 Aug 2020 15:28

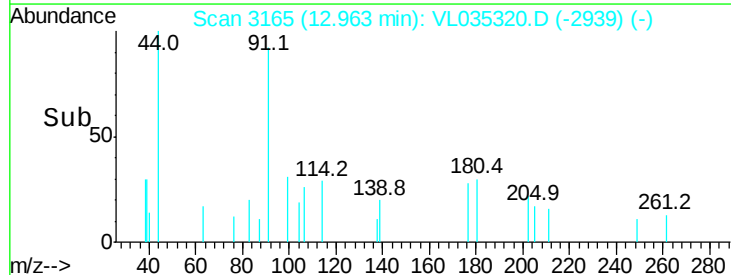
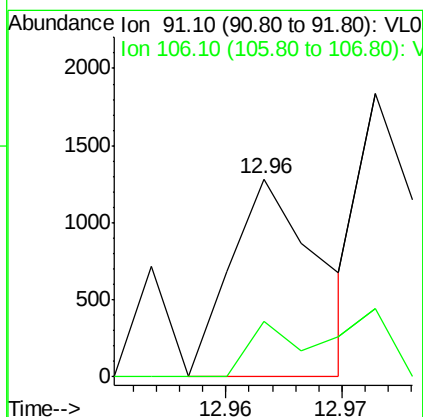
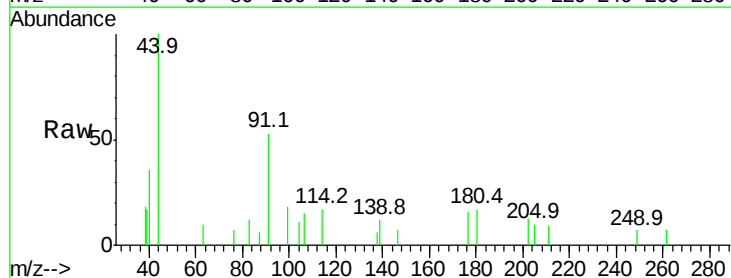
Instrument :
MSVOA_L
ClientSampled :

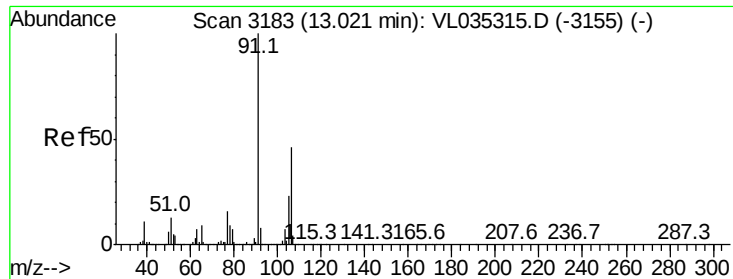
Tgt Ion: 112 Resp: 2231
Ion Ratio Lower Upper
112 100
77 4.6 53.0 79.6#
114 0.0 30.0 36.6#



#58
Ethyl Benzene
Concen: 0.002 ppbv
RT: 12.96 min Scan# 3165
Delta R.T. 0.23 min
Lab File: VL035320.D
Acq: 3 Aug 2020 15:28

Tgt Ion: 91 Resp: 677
Ion Ratio Lower Upper
91 100
106 28.2 26.3 39.5

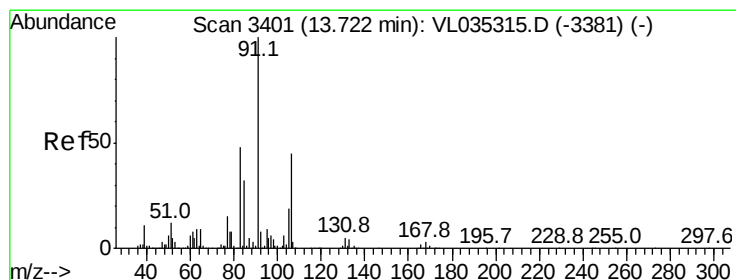
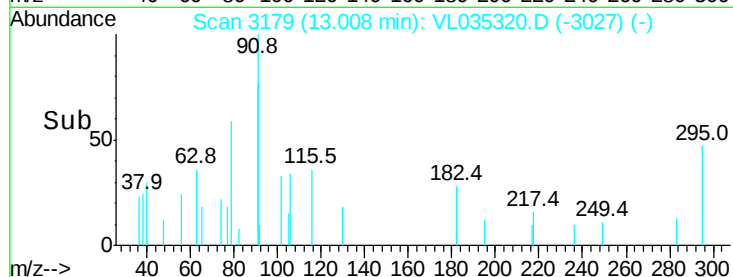
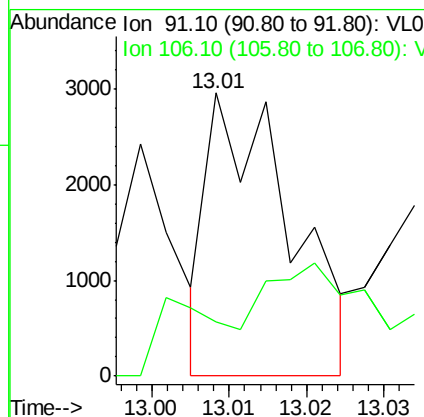
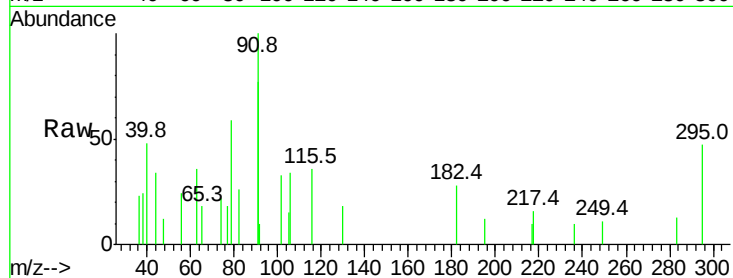




#59
m/p-Xylene
Concen: 0.007 ppbv
RT: 13.01 min Scan# 3179
Delta R.T. -0.01 min
Lab File: VL035320.D
Acq: 3 Aug 2020 15:28

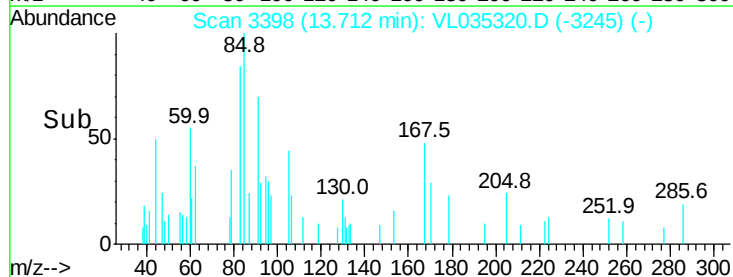
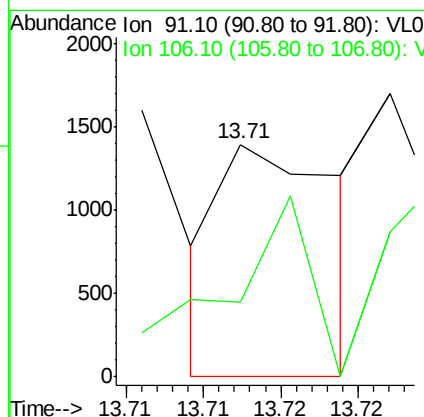
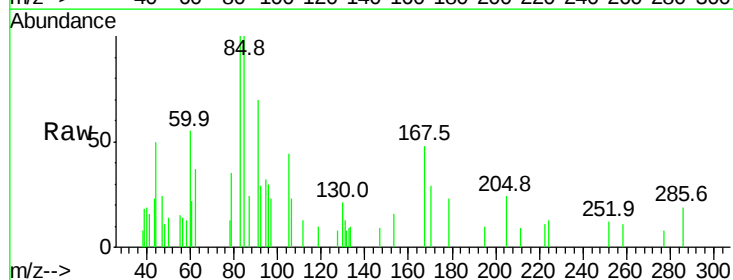
Instrument :
MSVOA_L
ClientSampled :

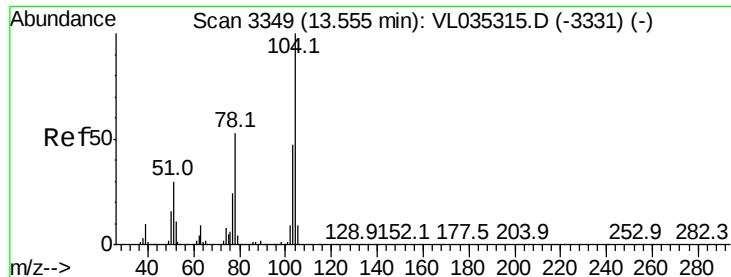
Tgt Ion: 91 Resp: 2210
Ion Ratio Lower Upper
91 100
106 87.0 36.6 55.0#



#60
o-Xylene
Concen: 0.002 ppbv
RT: 13.71 min Scan# 3398
Delta R.T. -0.01 min
Lab File: VL035320.D
Acq: 3 Aug 2020 15:28

Tgt Ion: 91 Resp: 739
Ion Ratio Lower Upper
91 100
106 65.6 22.4 67.3

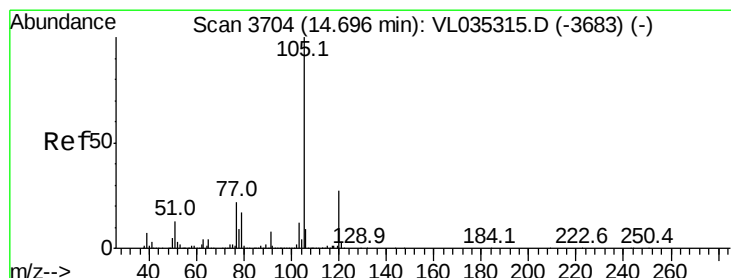
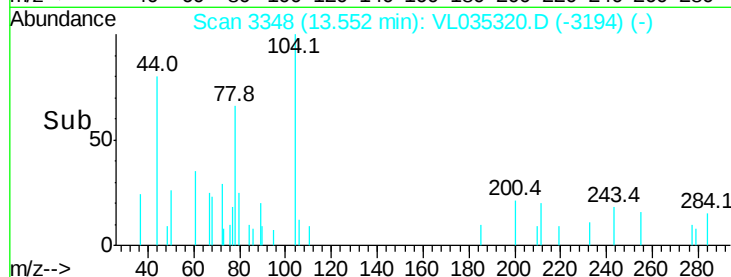
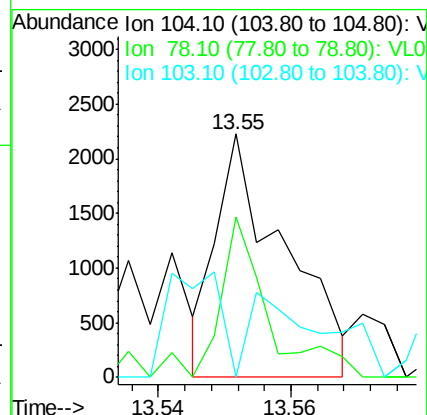
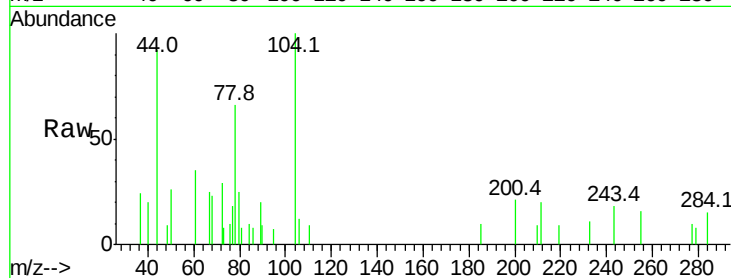




#61
Styrene
Concen: 0.008 ppbv
RT: 13.55 min Scan# 3348
Delta R.T. -0.00 min
Lab File: VL035320.D
Acq: 3 Aug 2020 15:28

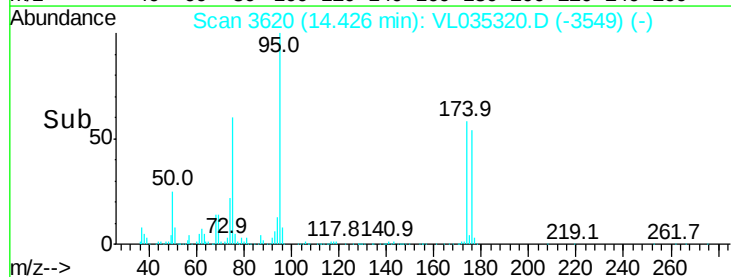
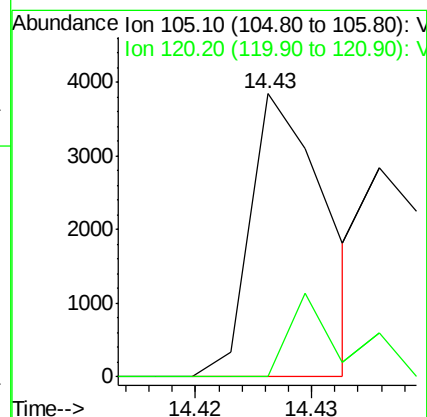
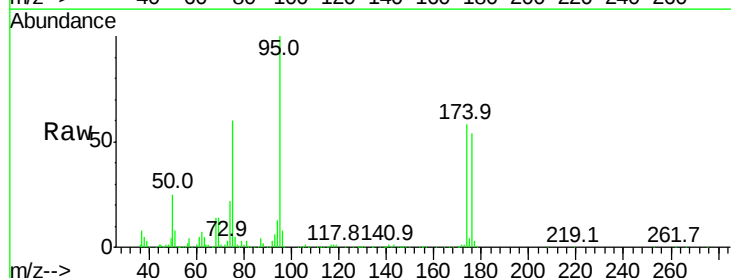
Instrument :
MSVOA_L
ClientSampled :

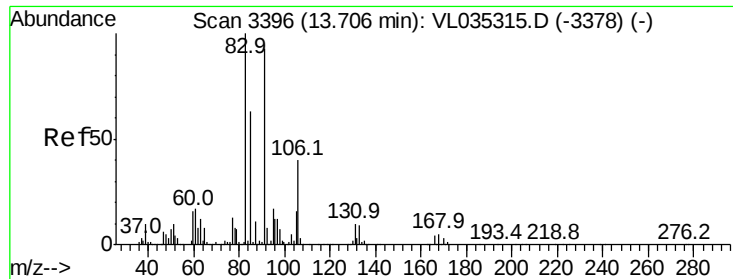
Tgt Ion:104 Resp: 1601
Ion Ratio Lower Upper
104 100
78 50.0 43.1 64.7
103 32.9 37.6 56.4#



#62
Isopropylbenzene
Concen: 0.004 ppbv
RT: 14.43 min Scan# 3620
Delta R.T. -0.27 min
Lab File: VL035320.D
Acq: 3 Aug 2020 15:28

Tgt Ion:105 Resp: 1752
Ion Ratio Lower Upper
105 100
120 26.4 21.0 31.4

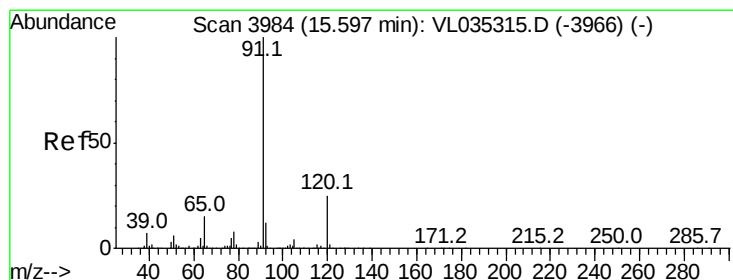
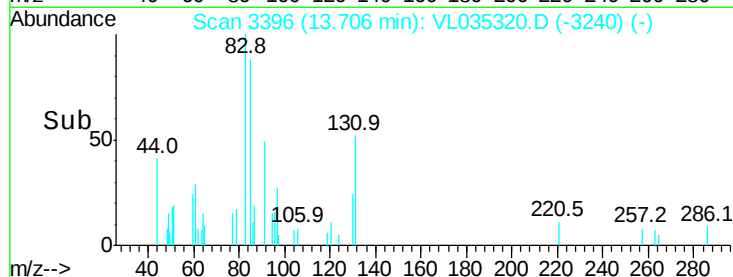
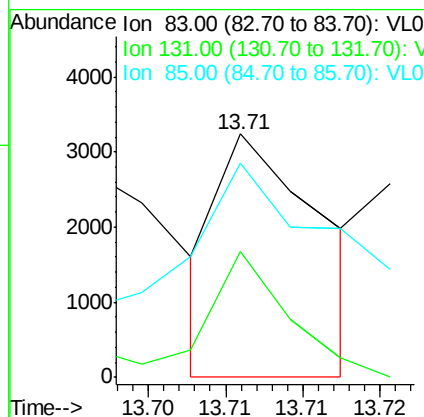
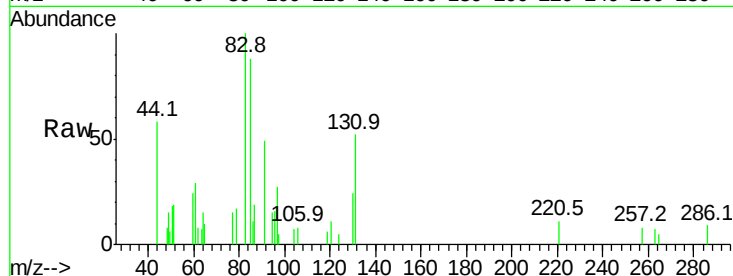




#63
 1,1,2,2-Tetrachloroethane
 Concen: 0.005 ppbv
 RT: 13.71 min Scan# 3396
 Delta R.T. -0.00 min
 Lab File: VL035320.D
 Acq: 3 Aug 2020 15:28

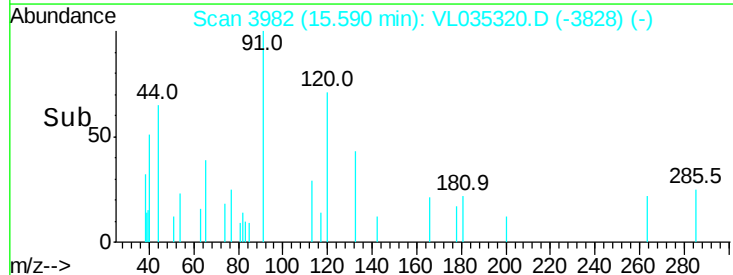
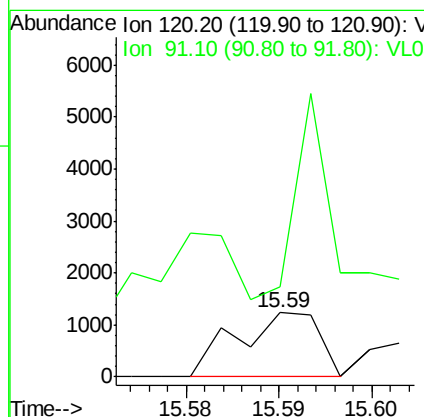
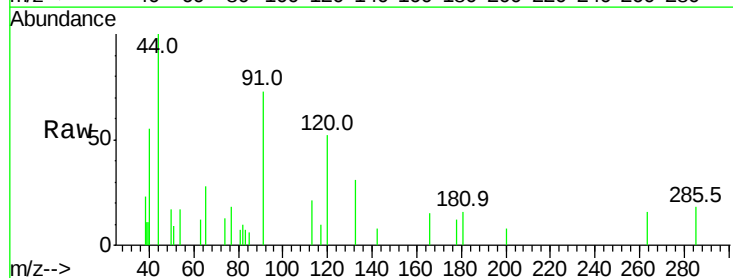
Instrument :
 MSVOA_L
 ClientSampleId :

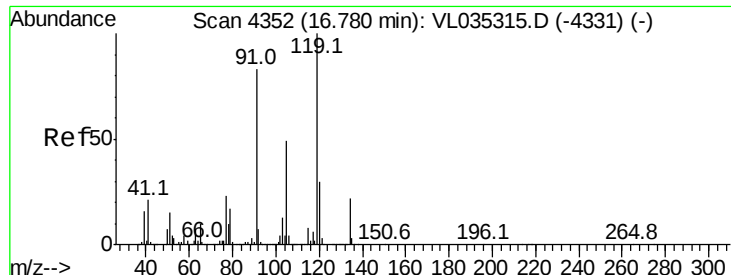
Tgt Ion: 83 Resp: 1488
 Ion Ratio Lower Upper
 83 100
 131 0.0 4.6 13.8#
 85 327.9 32.6 97.7#



#64
 n-propylbenzene
 Concen: 0.006 ppbv
 RT: 15.59 min Scan# 3982
 Delta R.T. -0.01 min
 Lab File: VL035320.D
 Acq: 3 Aug 2020 15:28

Tgt Ion: 120 Resp: 759
 Ion Ratio Lower Upper
 120 100
 91 958.0 359.3 538.9#

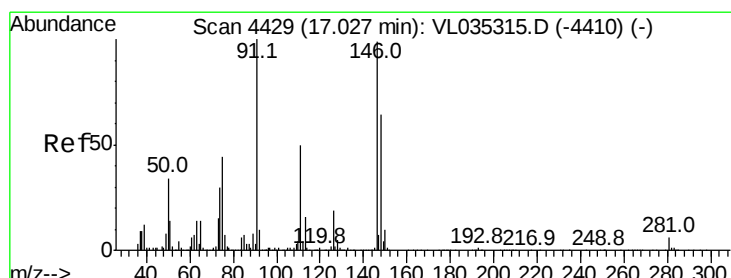
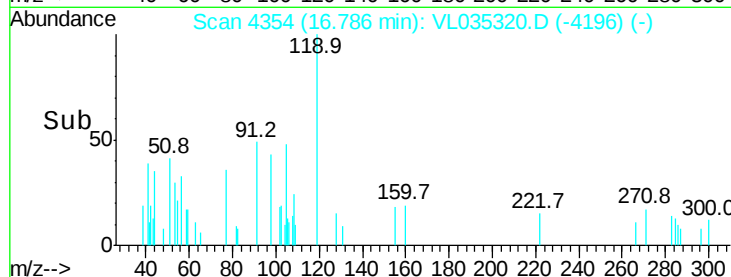
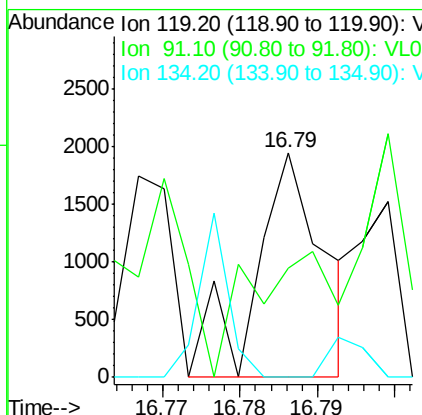
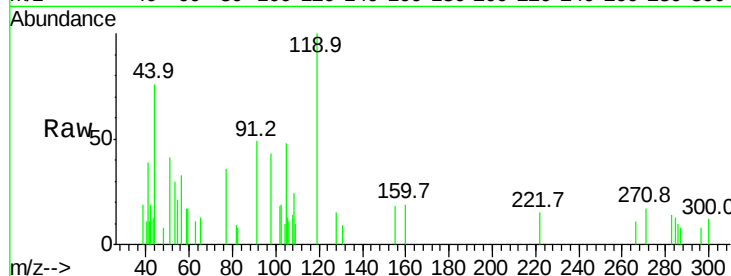




#65
tert-Butylbenzene
Concen: 0.003 ppbv
RT: 16.79 min Scan# 4354
Delta R.T. 0.01 min
Lab File: VL035320.D
Acq: 3 Aug 2020 15:28

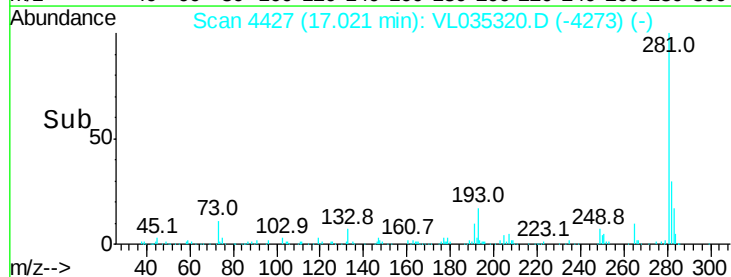
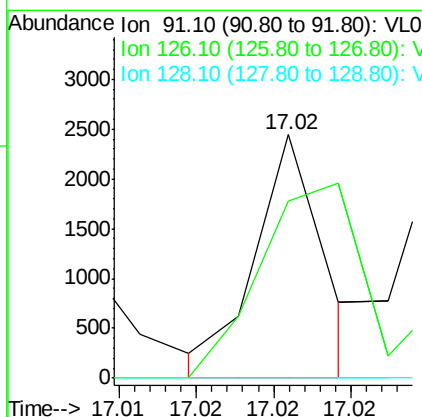
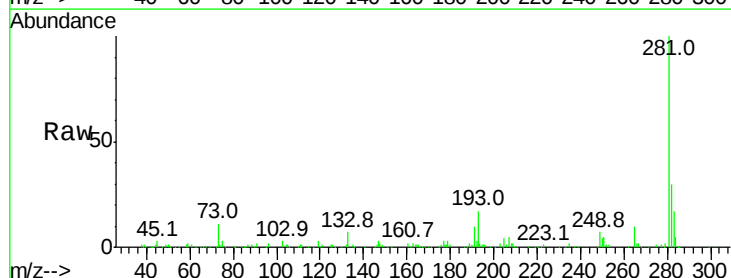
Instrument :
MSVOA_L
ClientSampled :

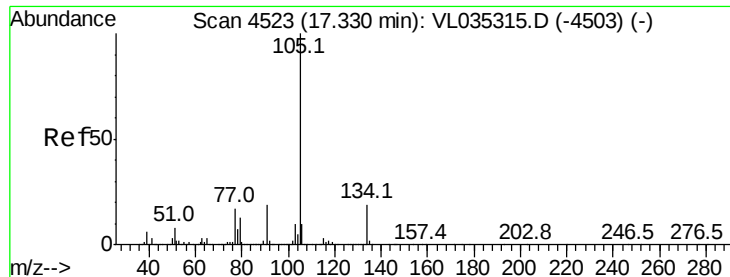
Tgt Ion: 119 Resp: 1193
Ion Ratio Lower Upper
119 100
91 0.0 67.8 101.8#
134 58.5 16.1 24.1#



#66
Benzyl Chloride
Concen: 0.004 ppbv
RT: 17.02 min Scan# 4427
Delta R.T. -0.01 min
Lab File: VL035320.D
Acq: 3 Aug 2020 15:28

Tgt Ion: 91 Resp: 739
Ion Ratio Lower Upper
91 100
126 144.1 13.8 20.8#
128 0.0 4.2 6.4#

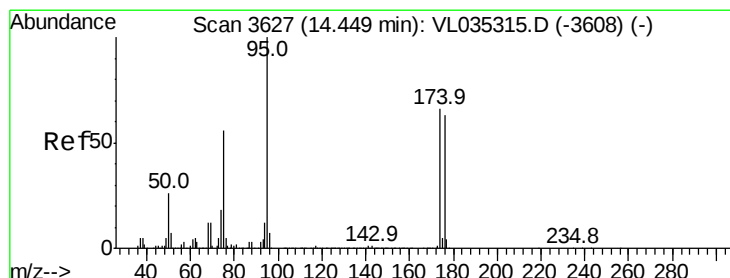
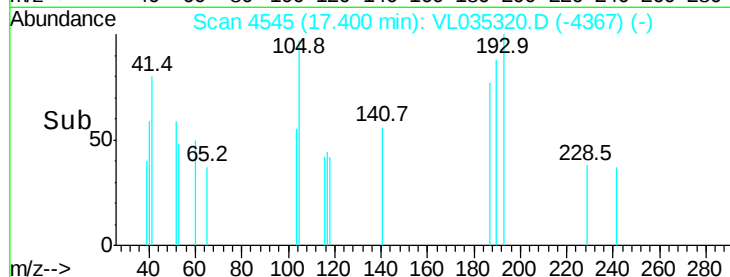
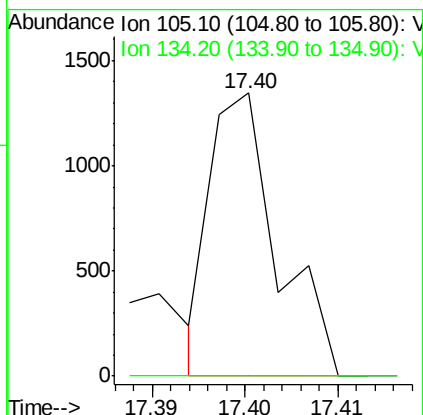
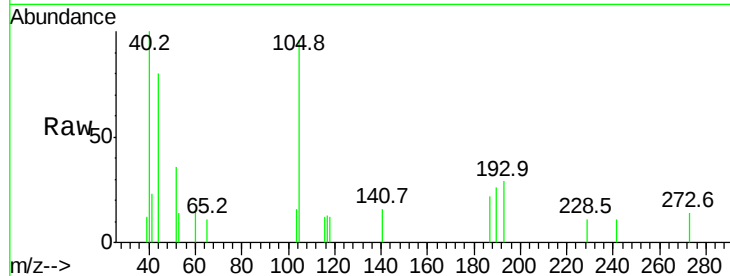




#67
 sec-Butylbenzene
 Concen: 0.001 ppbv
 RT: 17.40 min Scan# 4545
 Delta R.T. 0.07 min
 Lab File: VL035320.D
 Acq: 3 Aug 2020 15:28

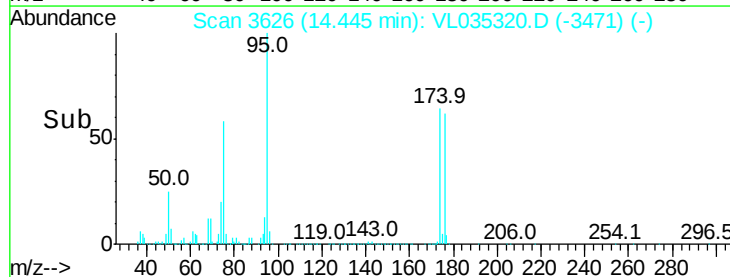
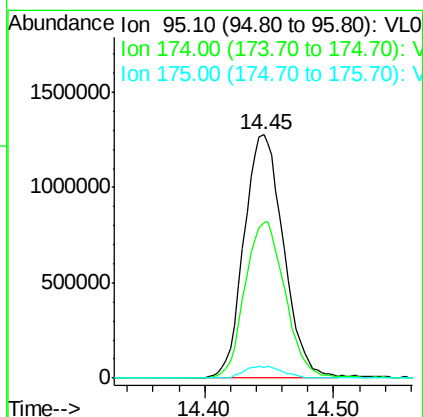
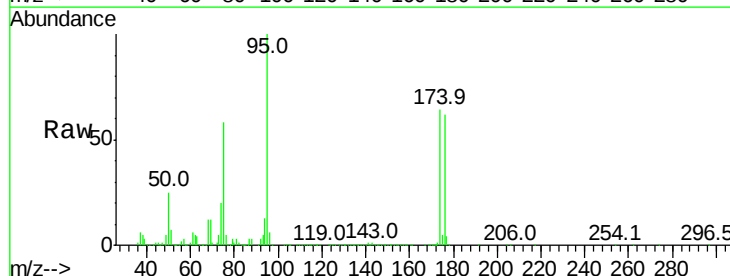
Instrument :
 MSVOA_L
 ClientSampled :

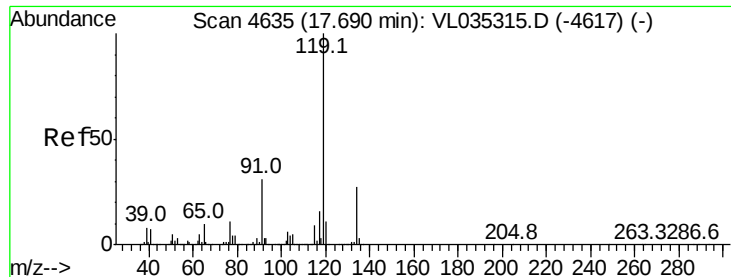
Tgt Ion: 105 Resp: 679
 Ion Ratio Lower Upper
 105 100
 134 20.5 15.1 22.7



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.646 ppbv
 RT: 14.45 min Scan# 3626
 Delta R.T. -0.00 min
 Lab File: VL035320.D
 Acq: 3 Aug 2020 15:28

Tgt Ion: 95 Resp: 2726701
 Ion Ratio Lower Upper
 95 100
 174 65.3 52.5 78.7
 175 4.8 3.9 5.9

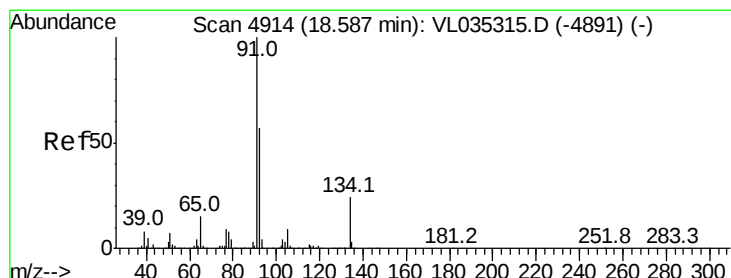
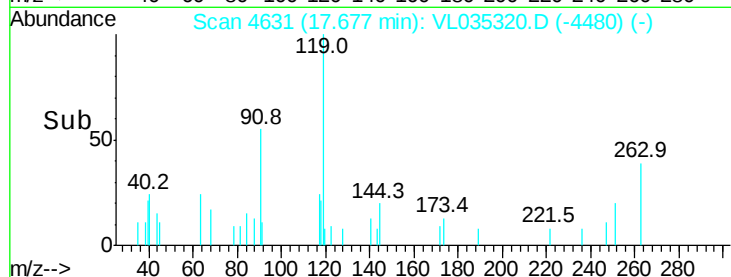
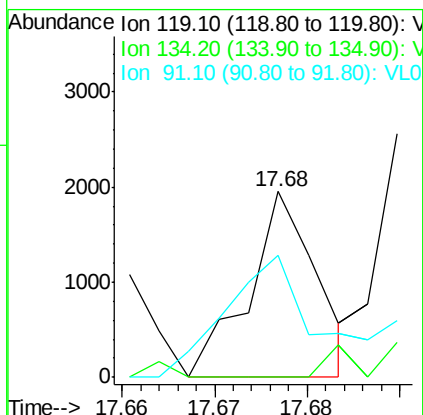
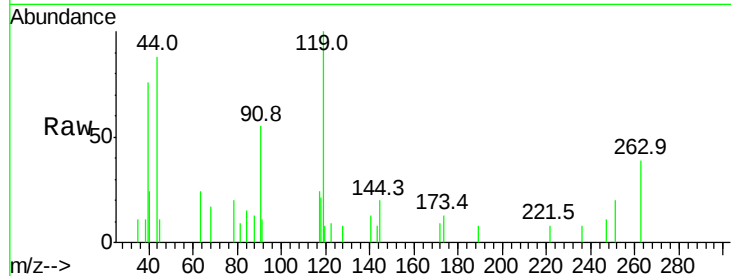




#69
p-Isopropyltoluene
Concen: 0.002 ppbv
RT: 17.68 min Scan# 4631
Delta R.T. -0.01 min
Lab File: VL035320.D
Acq: 3 Aug 2020 15:28

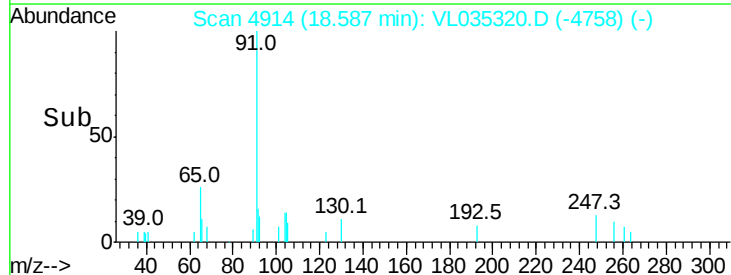
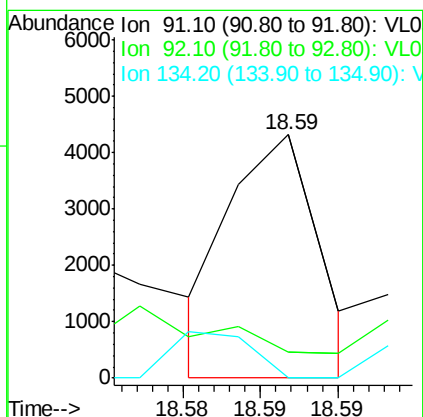
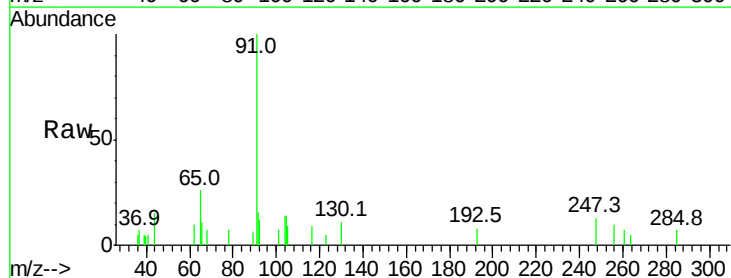
Instrument :
MSVOA_L
ClientSampleId :

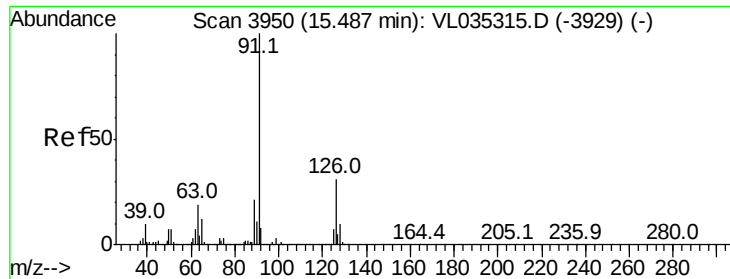
Tgt Ion: 119 Resp: 984
Ion Ratio Lower Upper
119 100
134 0.0 21.2 31.8#
91 167.4 25.3 37.9#



#70
n-Butylbenzene
Concen: 0.003 ppbv
RT: 18.59 min Scan# 4914
Delta R.T. -0.00 min
Lab File: VL035320.D
Acq: 3 Aug 2020 15:28

Tgt Ion: 91 Resp: 1723
Ion Ratio Lower Upper
91 100
92 0.0 44.6 66.8#
134 52.4 18.6 27.8#

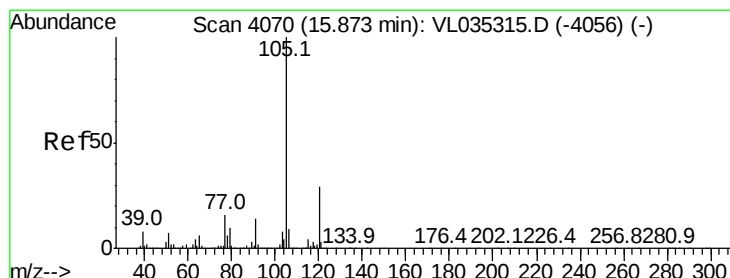
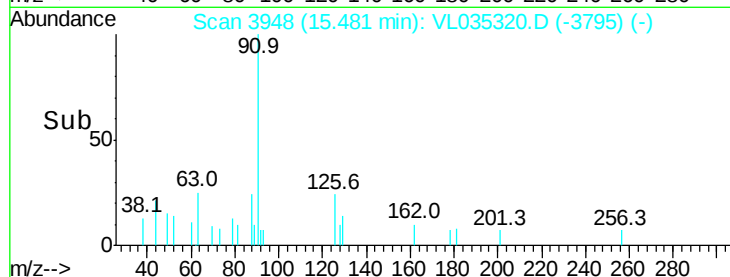
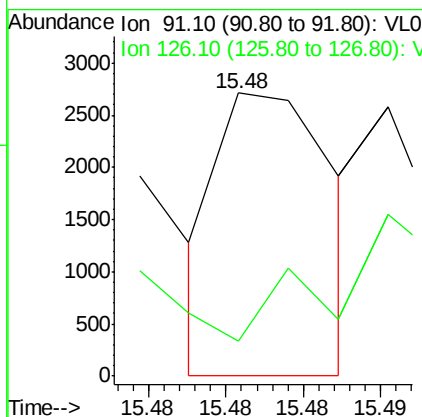
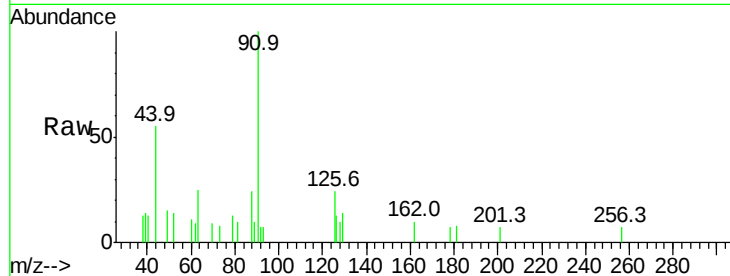




#71
2-Chlorotoluene
Concen: 0.004 ppbv
RT: 15.48 min Scan# 3948
Delta R.T. -0.01 min
Lab File: VL035320.D
Acq: 3 Aug 2020 15:28

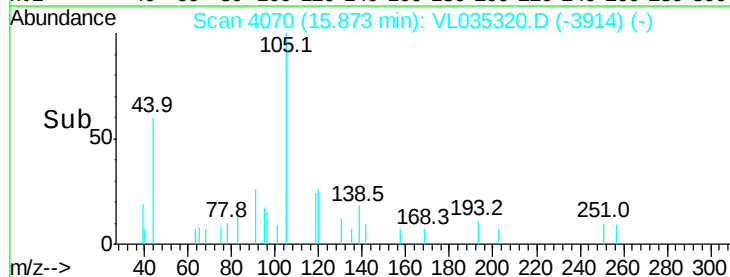
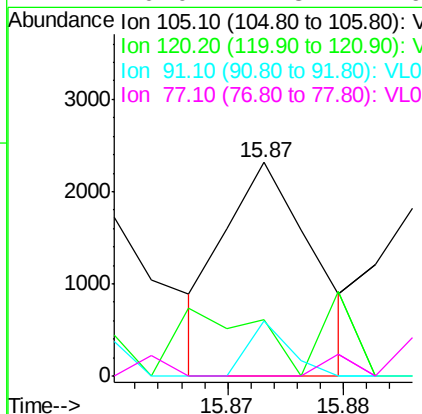
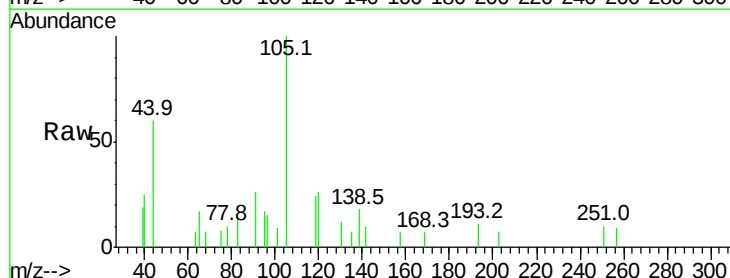
Instrument :
MSVOA_L
ClientSampleId :

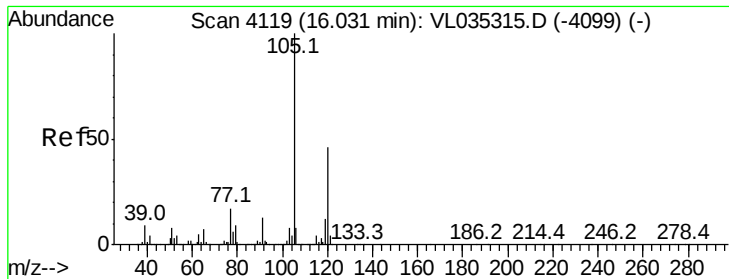
Tgt Ion: 91 Resp: 1403
Ion Ratio Lower Upper
91 100
126 0.0 12.3 49.3#



#72
4-Ethyltoluene
Concen: 0.003 ppbv
RT: 15.87 min Scan# 4070
Delta R.T. -0.00 min
Lab File: VL035320.D
Acq: 3 Aug 2020 15:28

Tgt Ion: 105 Resp: 1232
Ion Ratio Lower Upper
105 100
120 0.0 23.6 35.4#
91 0.0 11.3 16.9#
77 0.0 11.8 17.6#





#73

1,3,5-Trimethylbenzene

Concen: 0.002 ppbv

RT: 16.02 min Scan# 4117

Delta R.T. -0.01 min

Lab File: VL035320.D

Acq: 3 Aug 2020 15:28

Instrument :

MSVOA_L

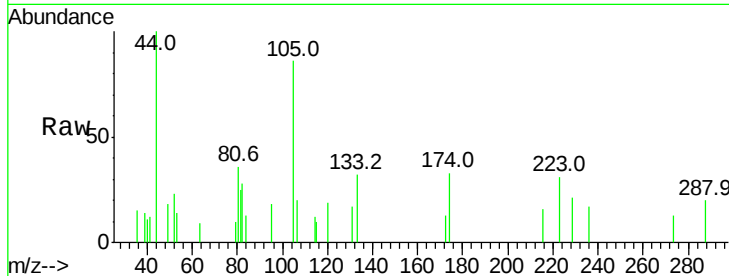
ClientSampleId :

Tgt Ion:105 Resp: 710

Ion Ratio Lower Upper

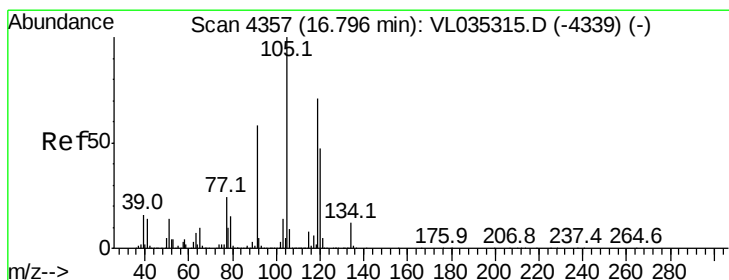
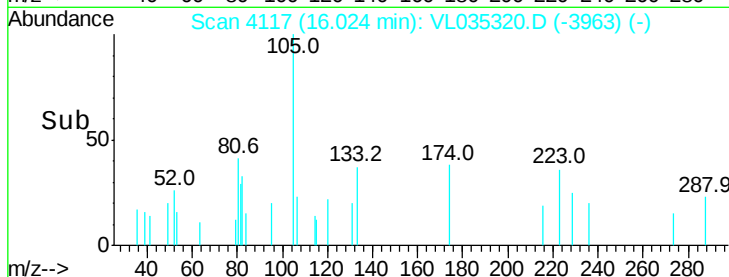
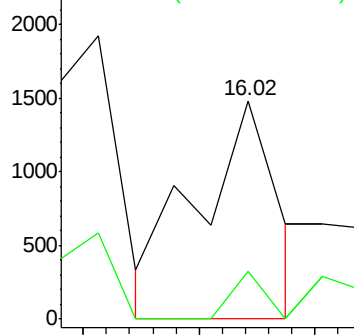
105 100

120 28.6 36.6 54.8#



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V



#74

1,2,4-Trimethylbenzene

Concen: 0.003 ppbv

RT: 16.79 min Scan# 4355

Delta R.T. -0.01 min

Lab File: VL035320.D

Acq: 3 Aug 2020 15:28

Tgt Ion:105 Resp: 1126

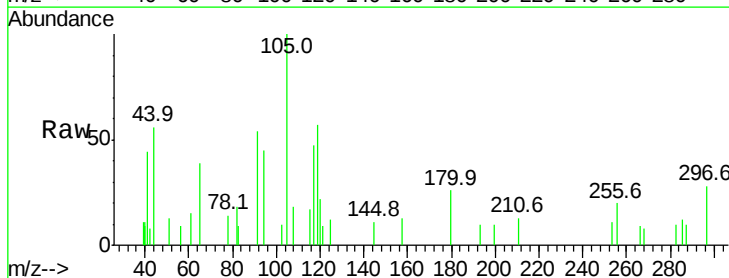
Ion Ratio Lower Upper

105 100

120 45.7 38.0 57.0

91 33.0 47.9 71.9#

77 0.0 19.6 29.4#

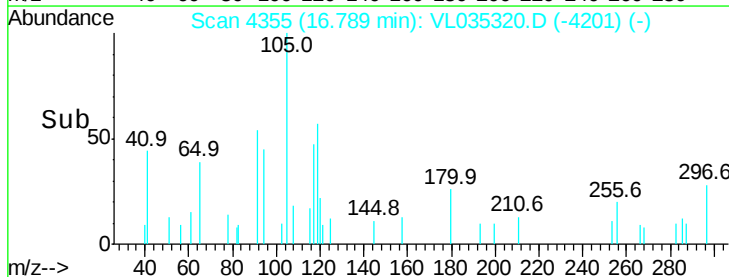
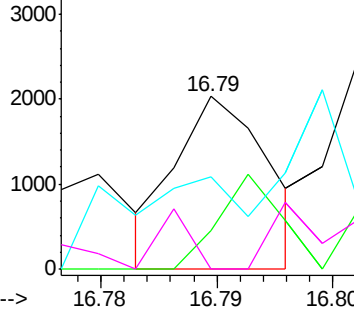


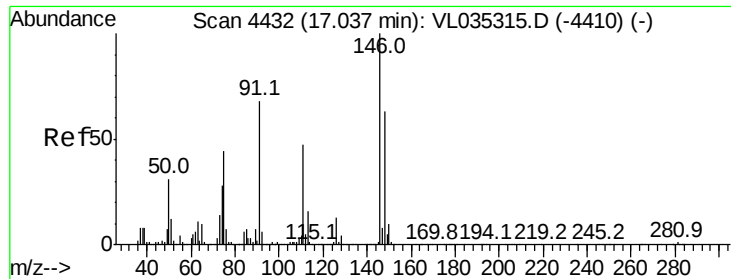
Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0

Ion 77.10 (76.80 to 77.80): VL0





#75

1,3-Dichlorobenzene

Concen: 0.010 ppbv

RT: 17.03 min Scan# 4430

Delta R.T. -0.01 min

Lab File: VL035320.D

Acq: 3 Aug 2020 15:28

Instrument :

MSVOA_L

ClientSampleId :

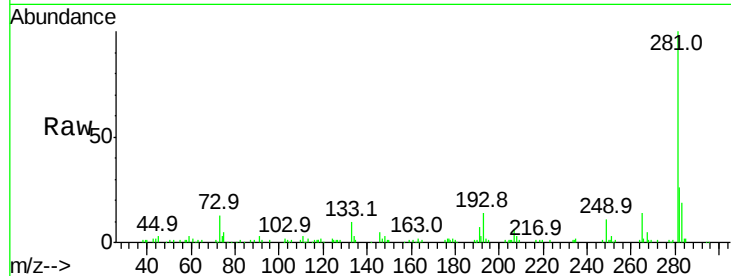
Tgt Ion:146 Resp: 2715

Ion Ratio Lower Upper

146 100

111 141.5 24.2 72.6#

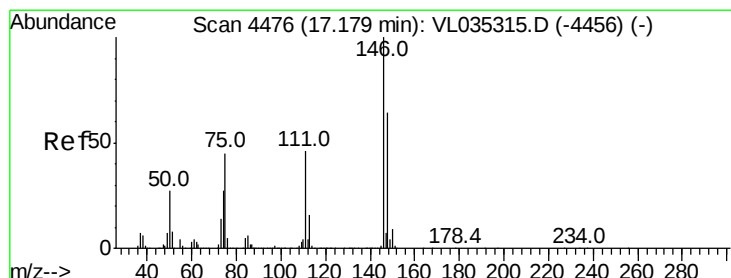
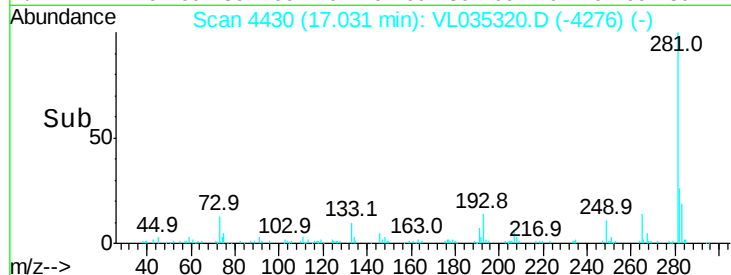
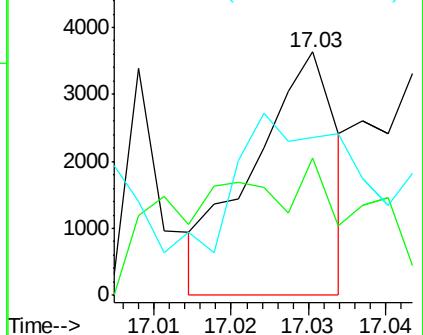
148 253.0 32.4 97.0#



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.10 (110.80 to 111.80): V

Ion 148.00 (147.70 to 148.70): V



#76

1,4-Dichlorobenzene

Concen: 0.003 ppbv

RT: 17.16 min Scan# 4470

Delta R.T. -0.02 min

Lab File: VL035320.D

Acq: 3 Aug 2020 15:28

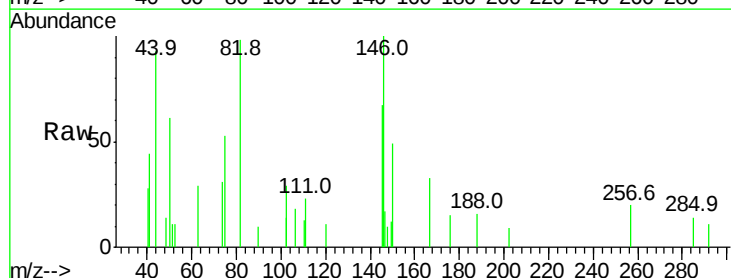
Tgt Ion:146 Resp: 768

Ion Ratio Lower Upper

146 100

111 127.9 23.6 70.8#

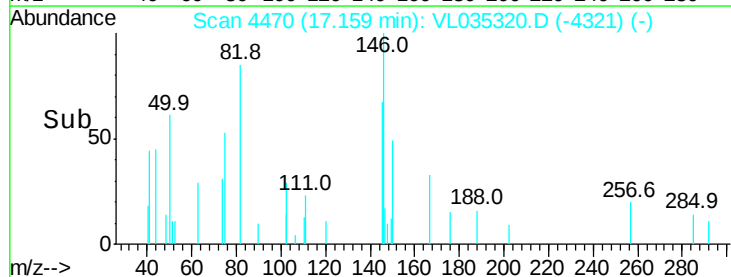
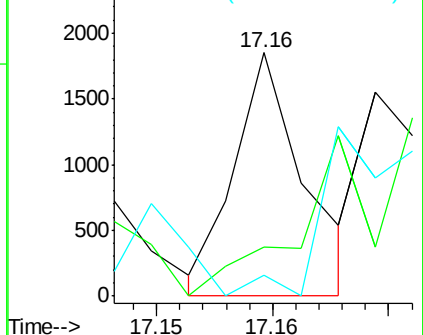
148 356.3 32.8 98.4#

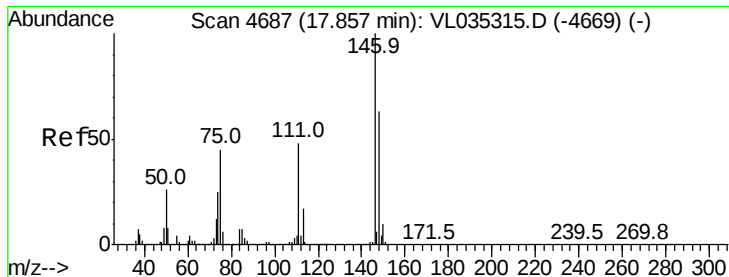


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.10 (110.80 to 111.80): V

Ion 148.00 (147.70 to 148.70): V





#77

1,2-Dichlorobenzene

Concen: 0.005 ppbv

RT: 17.86 min Scan# 4687

Delta R.T. -0.00 min

Lab File: VL035320.D

Acq: 3 Aug 2020 15:28

Instrument :

MSVOA_L

ClientSampled :

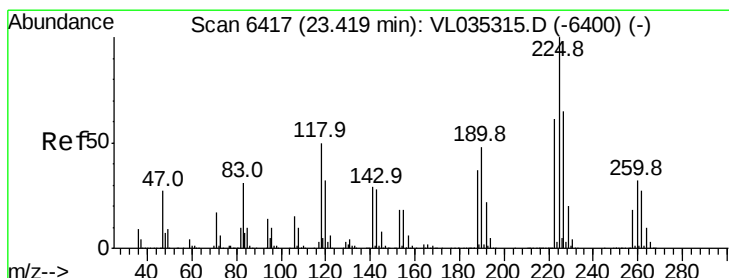
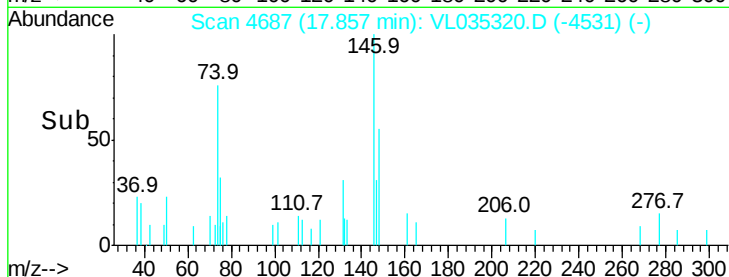
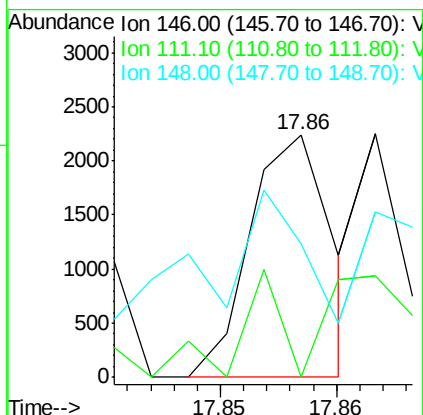
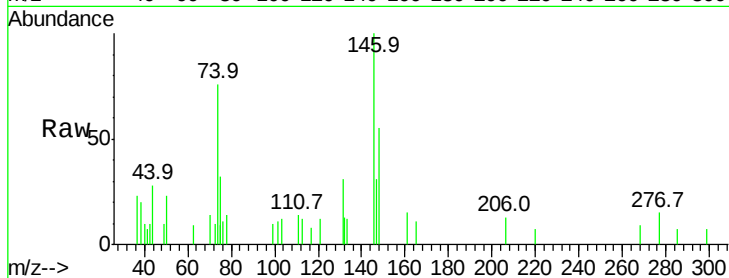
Tgt Ion:146 Resp: 1098

Ion Ratio Lower Upper

146 100

111 0.0 24.6 73.6#

148 236.3 32.3 96.8#



#78

Hexachloro-1,3-Butadiene

Concen: 0.017 ppbv

RT: 23.42 min Scan# 6416

Delta R.T. -0.00 min

Lab File: VL035320.D

Acq: 3 Aug 2020 15:28

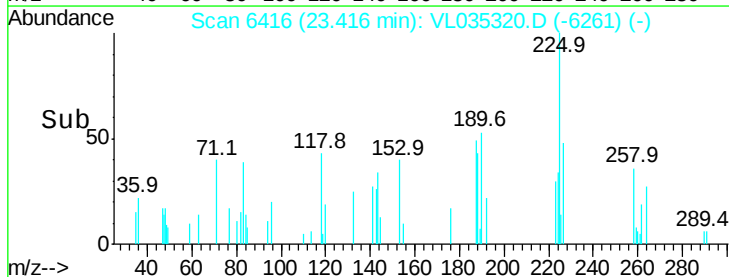
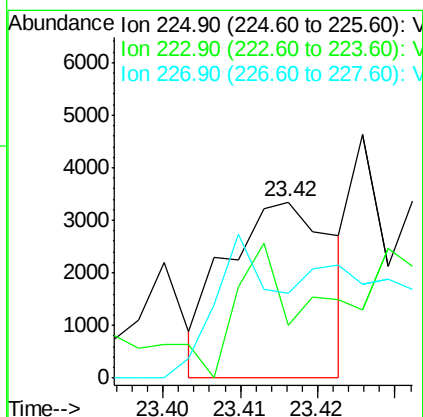
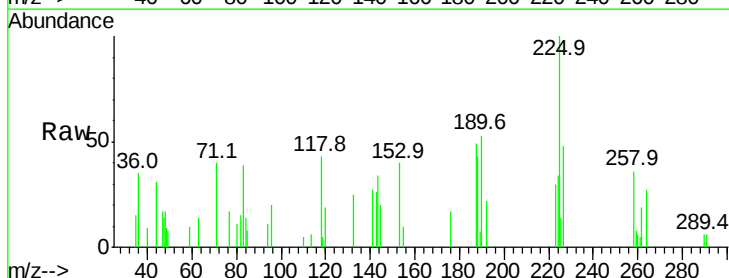
Tgt Ion:225 Resp: 3203

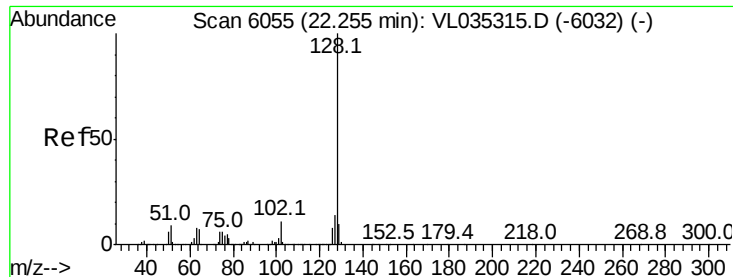
Ion Ratio Lower Upper

225 100

223 126.4 50.2 75.4#

227 122.5 52.7 79.1#





#79

Naphthalene

Concen: 0.001 ppbv

RT: 22.25 min Scan# 6052

Delta R.T. -0.01 min

Lab File: VL035320.D

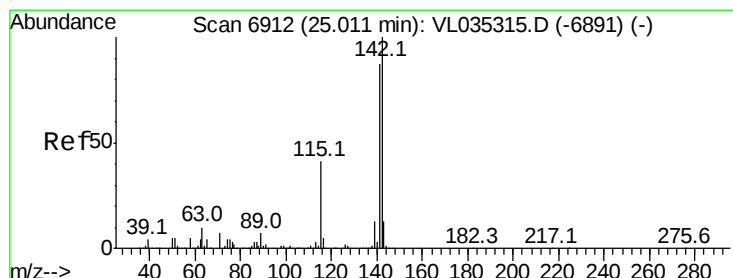
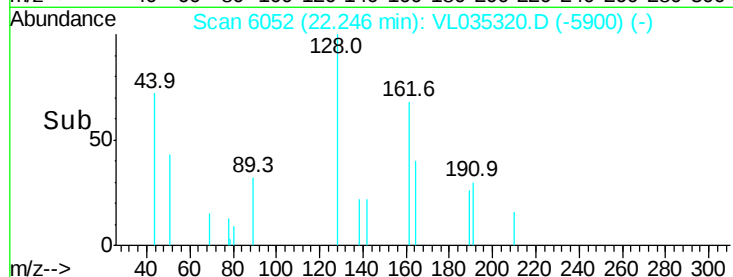
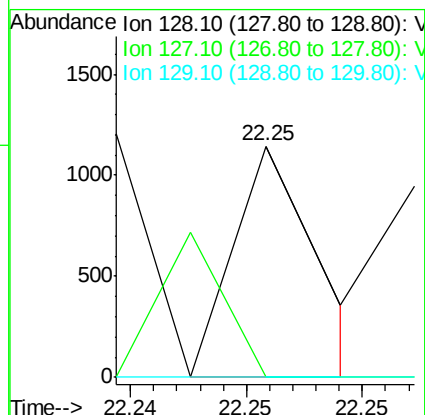
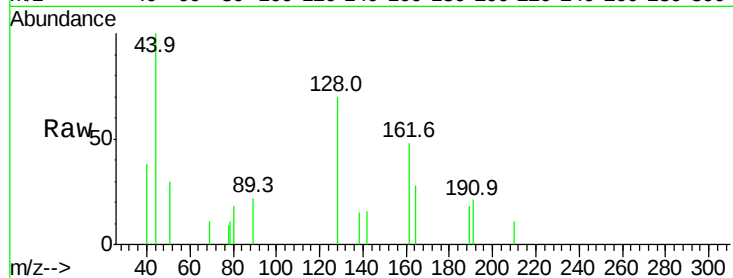
Acq: 3 Aug 2020 15:28

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion:	128	Resp:	290
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.8	16.2#
129	0.0	8.4	12.6#



#80

Naphthalene, 2-methyl-

Concen: 0.009 ppbv

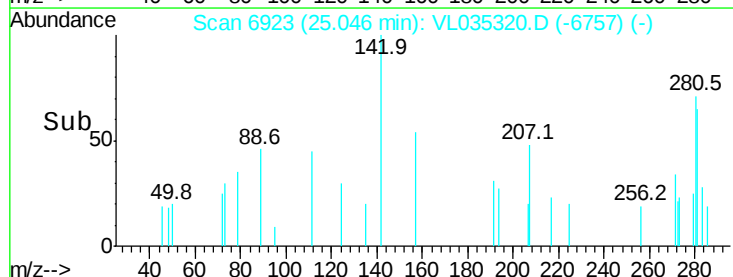
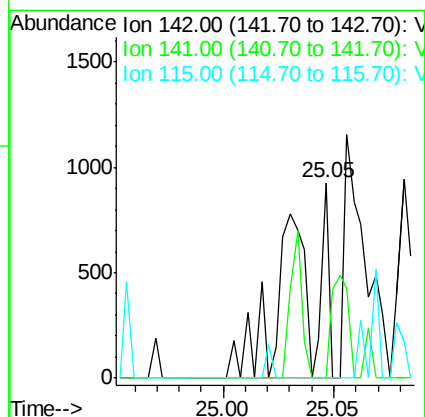
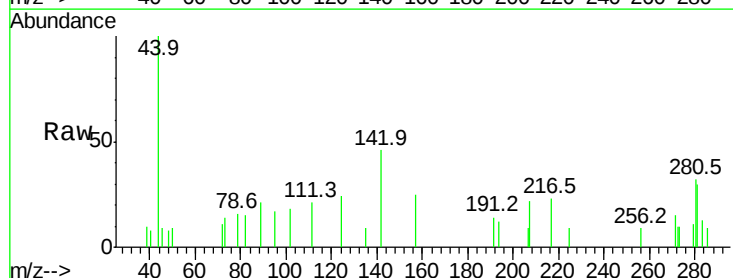
RT: 25.05 min Scan# 6923

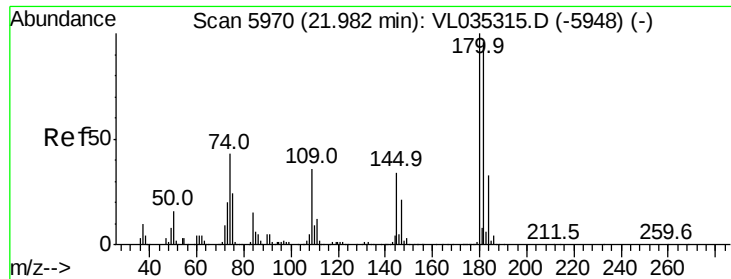
Delta R.T. 0.04 min

Lab File: VL035320.D

Acq: 3 Aug 2020 15:28

Tgt Ion:	142	Resp:	959
Ion	Ratio	Lower	Upper
142	100		
141	58.0	68.3	102.5#
115	9.2	35.0	52.4#





#81
 1,2,4-Trichlorobenzene
 Concen: 0.002 ppbv
 RT: 21.98 min Scan# 5968
 Delta R.T. -0.01 min
 Lab File: VL035320.D
 Acq: 3 Aug 2020 15:28

Instrument :
 MSVOA_L
 ClientSampleId :

Tgt Ion:180 Resp: 388
 Ion Ratio Lower Upper
 180 100
 182 203.6 76.9 115.3#
 184 0.0 25.0 37.6#

