

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL080320\
 Data File : VL035322.D
 Acq On : 3 Aug 2020 17:42
 Operator : SY/AP
 Sample : VSTDICV010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 BFB

Quant Time: Aug 04 05:38:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL080320AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Aug 04 05:31:29 2020
 QLast Update : Tue Aug 04 05:31:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1590977	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	3820828	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.11	117	3894319	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.45	95	3104498	9.52	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	95.20%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	3.00	85	1628038	7.821	ppbv 96
3) Chlorodifluoromethane	2.94	51	1539601	8.420	ppbv 100
4) Chloromethane	3.09	50	892233	8.546	ppbv 99
5) Vinyl Chloride	3.21	62	914556	8.997	ppbv 98
6) Bromomethane	3.43	94	566356	8.470	ppbv 89
7) Chloroethane	3.51	64	345619	8.552	ppbv 94
8) Dichlorotetrafluoroethane	3.14	85	2047868	8.156	ppbv 100
9) Propene	2.96	41	644614	9.757	ppbv 97
10) Heptane	8.12	43	1653280	9.750	ppbv 98
11) Trichlorofluoromethane	3.91	101	2168502	7.976	ppbv 99
12) 1,1,2-Trichlorotrifluoroet	4.45	101	1529400	8.070	ppbv 98
13) Ethanol	3.56	45	161898	6.633	ppbv 99
14) Bromoethene	3.70	108	702700	9.004	ppbv 100
15) Acetone	3.81	43	1751024	7.611	ppbv 100
16) 1,3-Butadiene	3.28	39	800809	9.334	ppbv 100
17) tert-Butyl alcohol	4.26	59	1845884	8.809	ppbv 100
18) 1,1-Dichloroethene	4.26	96	719694	8.436	ppbv 94
19) Isopropyl Alcohol	3.93	45	1211851	8.386	ppbv 100
20) Methylene Chloride	4.31	84	640684	6.097	ppbv 94
21) Allyl Chloride	4.38	41	1169765	8.978	ppbv 99
22) trans-1,2-Dichloroethene	4.86	96	715092	8.449	ppbv 95
23) Vinyl Acetate	5.05	43	2255820	9.895	ppbv 99
24) 1,1-Dichloroethane	4.99	63	1828857	8.622	ppbv 99
25) Ethyl Acetate	5.66	43	3108459	8.939	ppbv 100
26) Hexane	5.67	57	1373969	8.825	ppbv 99
27) Carbon Disulfide	4.52	76	1892791	9.035	ppbv 100
28) Methyl tert-Butyl Ether	5.01	73	2217787	9.479	ppbv 100
29) Chloroform	5.74	83	2217860	8.421	ppbv 100
30) Cyclohexane	7.13	84	1148437	9.833	ppbv 98
31) cis-1,2-Dichloroethene	5.53	61	1393889	9.704	ppbv 97
32) 1,1,1-Trichloroethane	6.51	97	2207738	8.669	ppbv 99
34) 2-Butanone	5.22	43	1934518	9.617	ppbv 100
35) Carbon Tetrachloride	7.01	117	2264553	9.165	ppbv 99
36) Benzene	6.89	78	2755785	9.837	ppbv 97
37) 1,2-Dichloroethane	6.30	62	1740088	9.170	ppbv 100
38) Trichloroethene	7.84	130	1117705	10.858	ppbv 95
39) 1,2-Dichloropropane	7.62	63	1058279	9.586	ppbv 96
40) 1,4-Dioxane	7.83	88	424602	8.856	ppbv 71
41) Tetrahydrofuran	6.03	42	1049430	10.576	ppbv 99
42) Bromodichloromethane	7.80	83	2364954	9.135	ppbv 98
43) Methyl Methacrylate	8.02	69	1249584	10.677	ppbv 99

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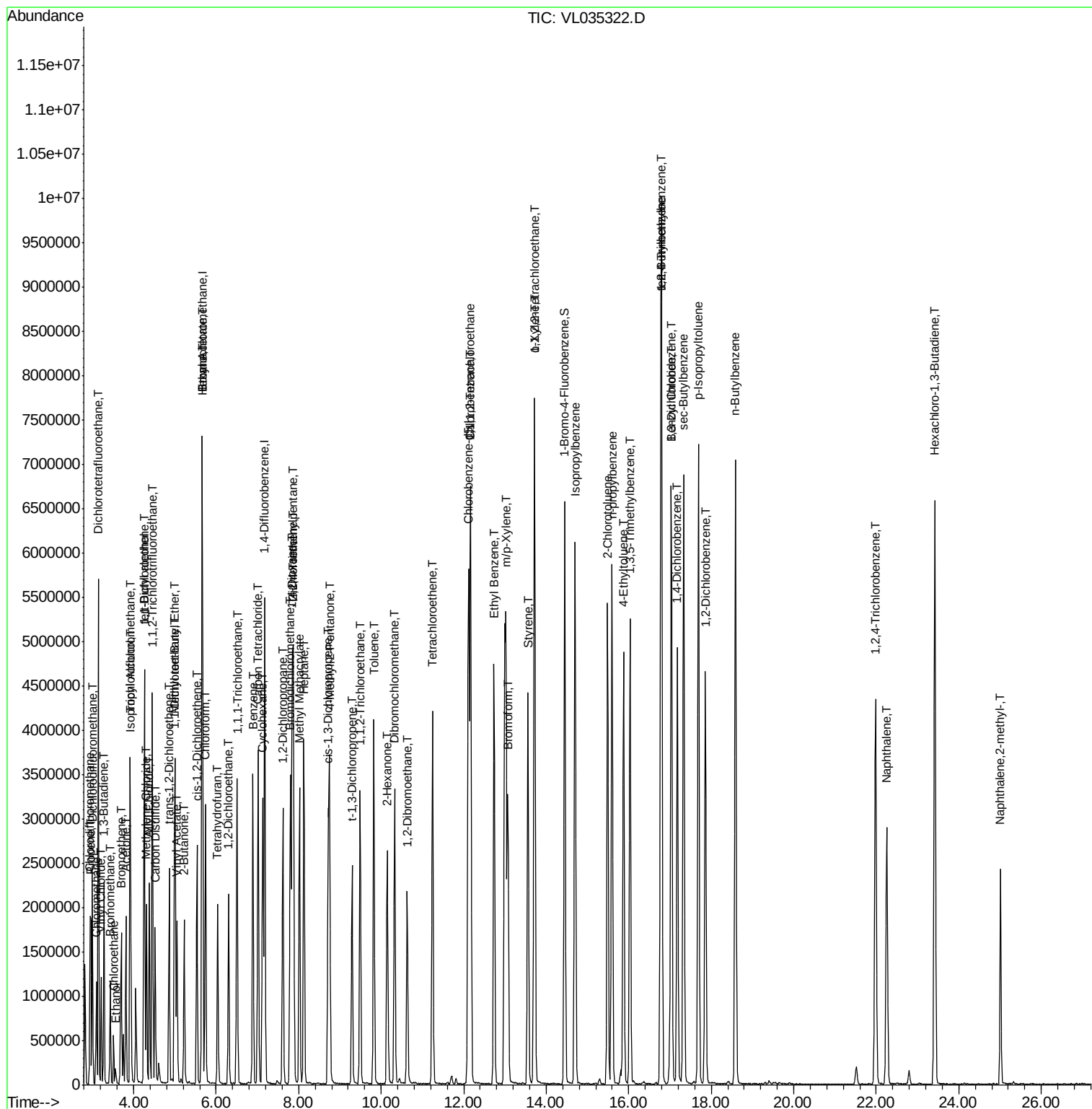
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.87	57	4634008	9.657	ppbv	100
45) t-1,3-Dichloropropene	9.29	75	1415573	11.331	ppbv	100
46) cis-1,3-Dichloropropene	8.71	75	1655281	11.067	ppbv	97
47) 1,1,2-Trichloroethane	9.49	97	1176866	9.185	ppbv	97
48) Dibromochloromethane	10.32	129	2013261	9.657	ppbv	98
49) Bromoform	13.07	173	1798589	9.905	ppbv	100
50) 4-Methyl-2-Pentanone	8.74	43	2811562	9.896	ppbv	99
51) 2-Hexanone	10.14	43	2309307	10.505	ppbv	99
52) Tetrachloroethene	11.25	164	1005397	10.188	ppbv	99
53) Toluene	9.82	91	3186940	10.819	ppbv	100
54) 1,2-Dibromoethane	10.63	107	1807057	9.527	ppbv	98
56) 1,1,1,2-Tetrachloroethane	12.16	131	1531395	8.379	ppbv #	92
57) Chlorobenzene	12.17	112	2501588	8.393	ppbv	97
58) Ethyl Benzene	12.73	91	4308843	10.099	ppbv	98
59) m/p-Xylene	13.02	91	3715689	9.438	ppbv #	34
60) o-Xylene	13.72	91	3606333	9.266	ppbv	98
61) Styrene	13.56	104	2542182	10.623	ppbv	99
62) Isopropylbenzene	14.70	105	5310002	9.044	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.71	83	2629640	8.613	ppbv	100
64) n-propylbenzene	15.59	120	1428347	9.300	ppbv	99
65) tert-Butylbenzene	16.78	119	4807137	9.143	ppbv	100
66) Benzyl Chloride	17.03	91	1935921	9.524	ppbv	99
67) sec-Butylbenzene	17.33	105	6681497	8.988	ppbv	100
69) p-Isopropyltoluene	17.69	119	5553184	9.030	ppbv	100
70) n-Butylbenzene	18.59	91	5820936	8.798	ppbv	100
71) 2-Chlorotoluene	15.49	91	4112939	9.386	ppbv	100
72) 4-Ethyltoluene	15.87	105	4206874	9.580	ppbv	98
73) 1,3,5-Trimethylbenzene	16.03	105	4006876	9.314	ppbv	97
74) 1,2,4-Trimethylbenzene	16.80	105	4219988	8.556	ppbv #	91
75) 1,3-Dichlorobenzene	17.04	146	2434449	7.935	ppbv	100
76) 1,4-Dichlorobenzene	17.18	146	2425734	8.353	ppbv	100
77) 1,2-Dichlorobenzene	17.86	146	2372426	8.385	ppbv	100
78) Hexachloro-1,3-Butadiene	23.42	225	1835975	7.992	ppbv	99
79) Naphthalene	22.26	128	3642424	9.331	ppbv	97
80) Naphthalene, 2-methyl-	25.01	142	1290473	11.258	ppbv	99
81) 1,2,4-Trichlorobenzene	21.99	180	2028426	8.541	ppbv	100

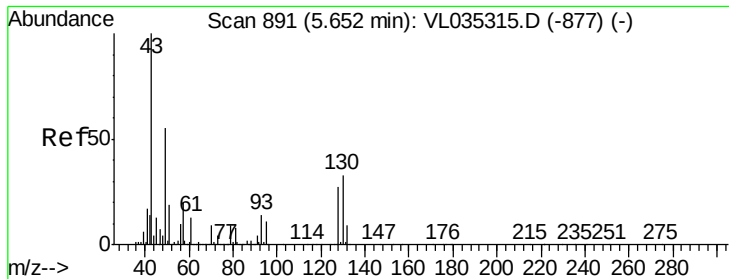
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 891

Delta R.T. 0.00 min

Lab File: VL035322.D

Acq: 3 Aug 2020 17:42

Instrument :

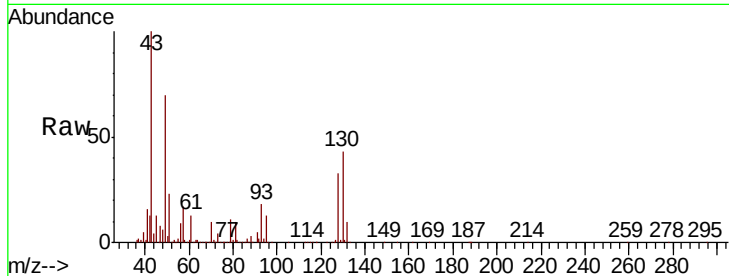
MSVOA_L

ClientSampleId :

BFB

Tot Ion: 49 Resp: 1590977

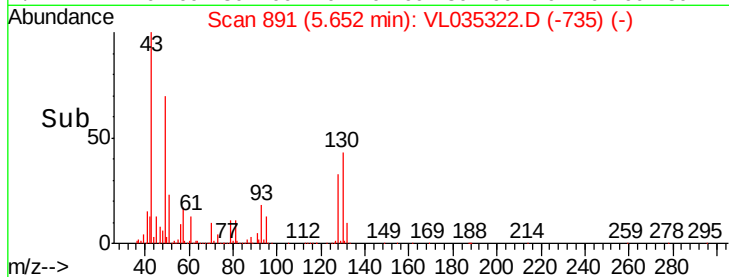
Ion	Ratio	Lower	Upper
49	100		
128	48.2	23.8	71.5
130	61.7	31.4	94.3



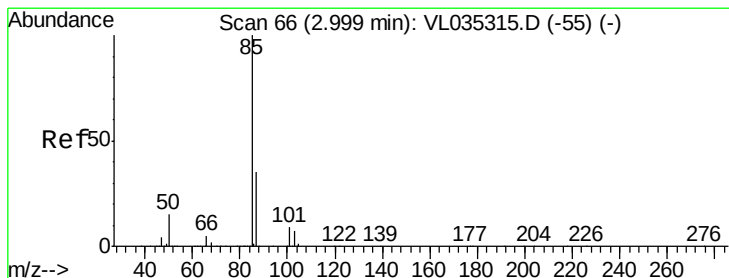
Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



Time-->



#2

Dichlorodifluoromethane

Concen: 7.821 ppbv

RT: 3.00 min Scan# 66

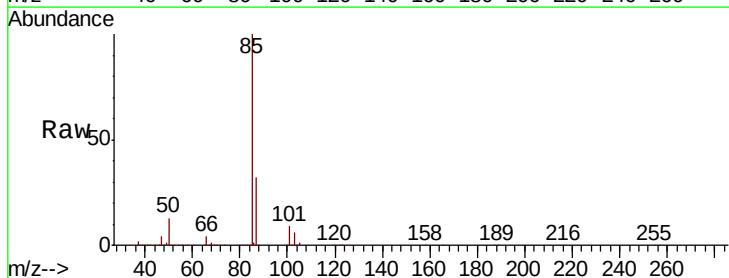
Delta R.T. 0.00 min

Lab File: VL035322.D

Acq: 3 Aug 2020 17:42

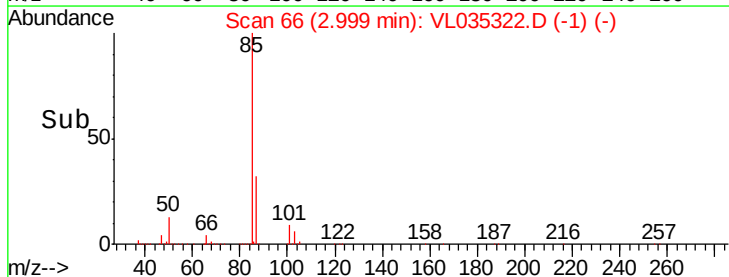
Tgt Ion: 85 Resp: 1628038

Ion	Ratio	Lower	Upper
85	100		
87	32.4	27.8	41.6

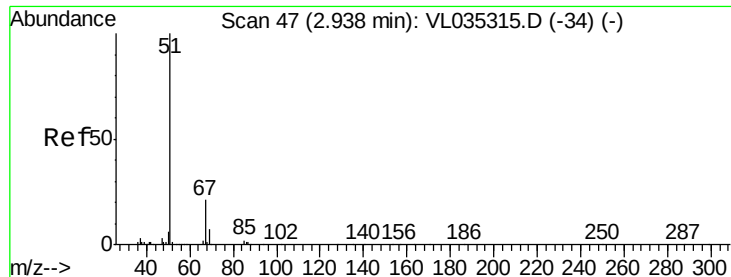


Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0



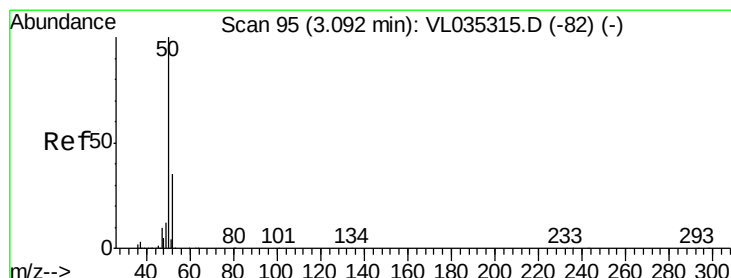
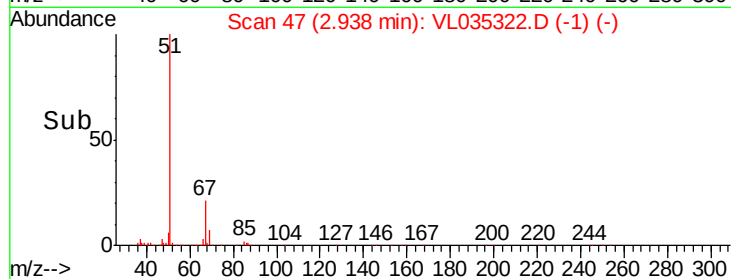
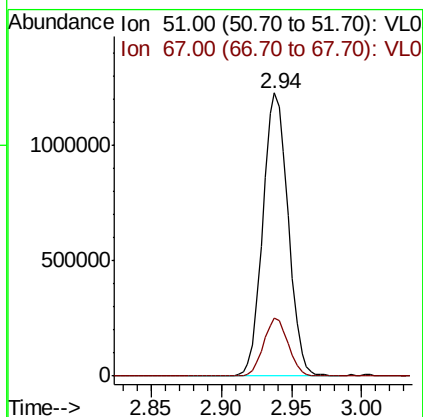
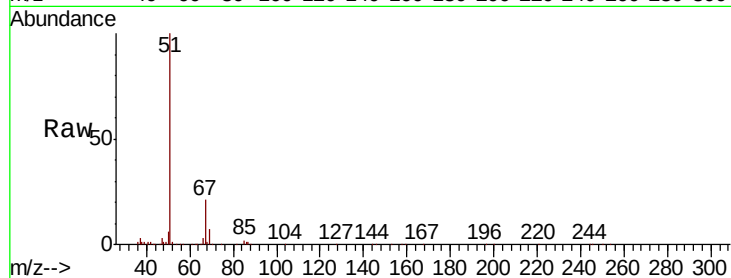
Time-->



#3
 Chlorodifluoromethane
 Concen: 8.420 ppbv
 RT: 2.94 min Scan# 47
 Delta R.T. 0.00 min
 Lab File: VL035322.D
 Acq: 3 Aug 2020 17:42

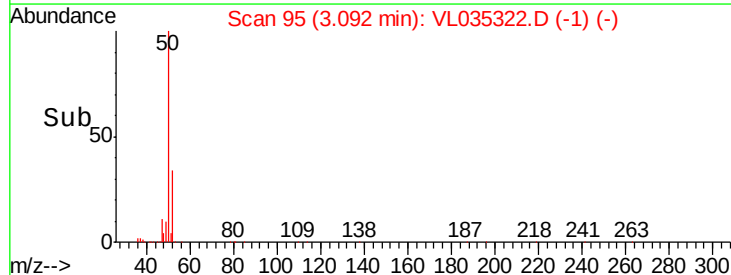
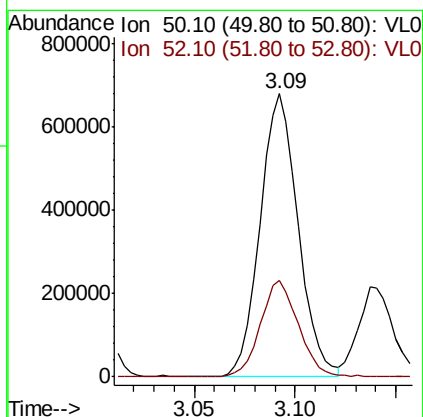
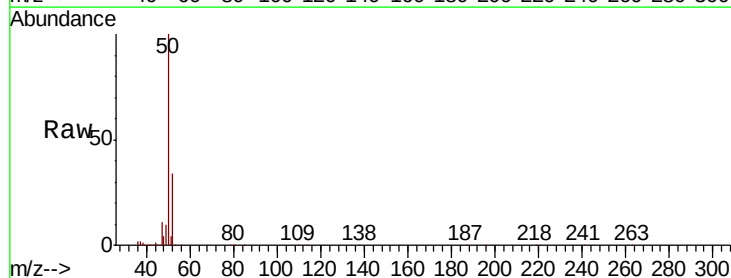
Instrument :
 MSVOA_L
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 BFB

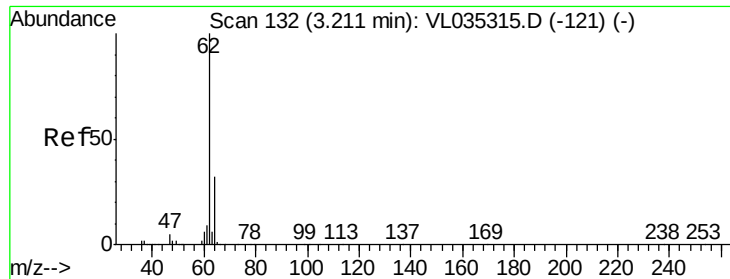
Tot Ion: 51 Resp: 1539601
 Ion Ratio Lower Upper
 51 100
 67 20.1 16.2 24.2



#4
 Chloromethane
 Concen: 8.546 ppbv
 RT: 3.09 min Scan# 95
 Delta R.T. 0.00 min
 Lab File: VL035322.D
 Acq: 3 Aug 2020 17:42

Tgt Ion: 50 Resp: 892233
 Ion Ratio Lower Upper
 50 100
 52 34.0 27.8 41.8





#5

Vinyl Chloride

Concen: 8.997 ppbv

RT: 3.21 min Scan# 131

Delta R.T. -0.00 min

Lab File: VL035322.D

Acq: 3 Aug 2020 17:42

Instrument :

MSVOA_L

ClientSampled :

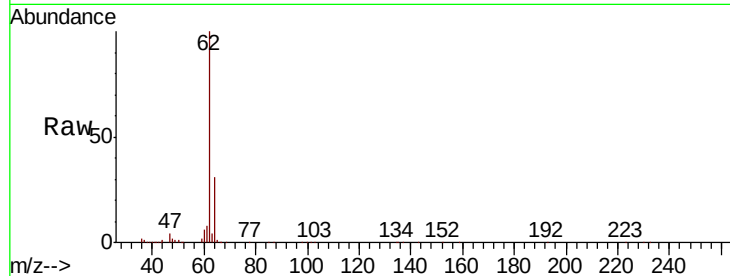
BFB

Tot Ion: 62 Resp: 914556

Ion Ratio Lower Upper

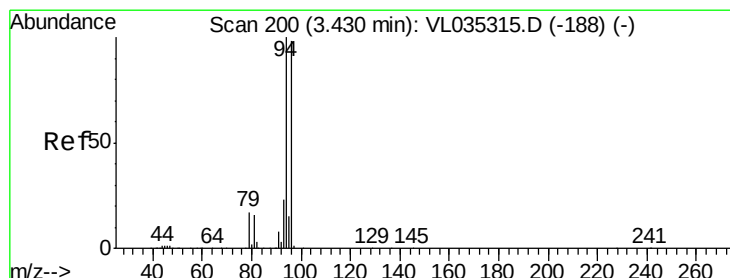
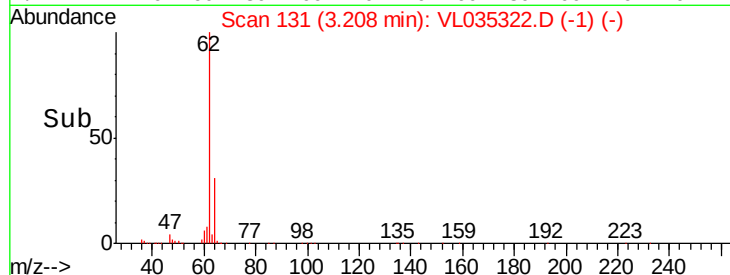
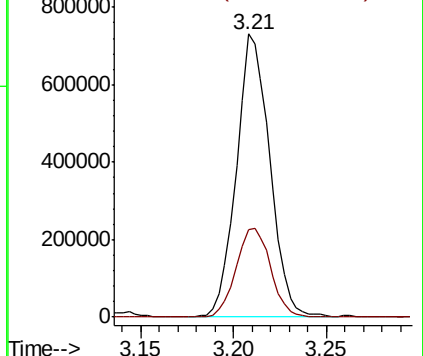
62 100

64 31.1 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: 8.470 ppbv

RT: 3.43 min Scan# 200

Delta R.T. 0.00 min

Lab File: VL035322.D

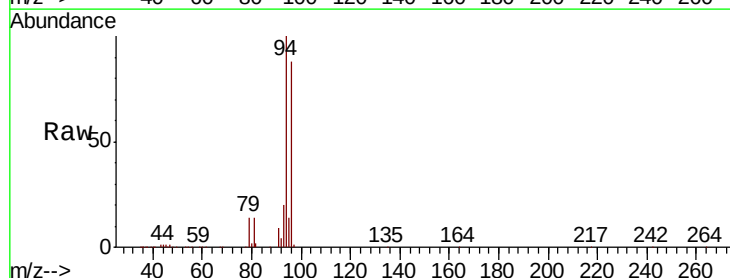
Acq: 3 Aug 2020 17:42

Tgt Ion: 94 Resp: 566356

Ion Ratio Lower Upper

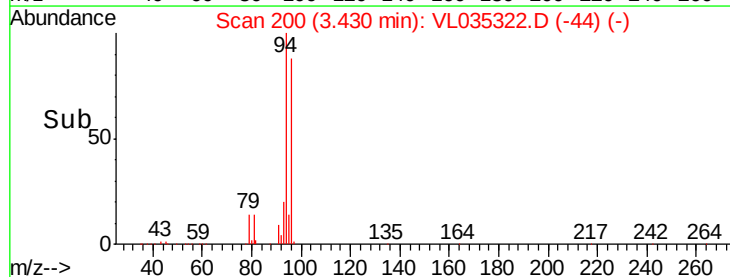
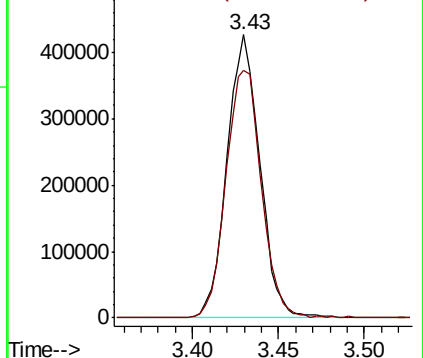
94 100

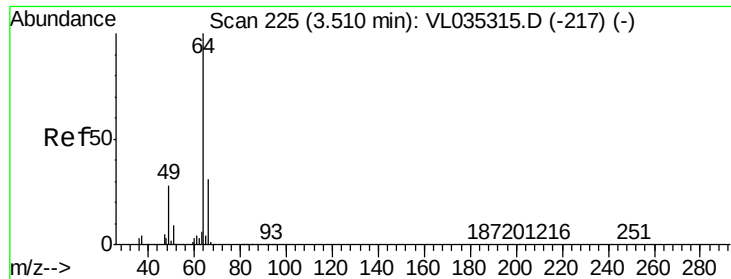
96 87.6 78.6 117.8



Abundance Ion 94.00 (93.70 to 94.70): VL0

Ion 96.00 (95.70 to 96.70): VL0





#7

Chloroethane

Concen: 8.552 ppbv

RT: 3.51 min Scan# 226

Delta R.T. 0.00 min

Lab File: VL035322.D

Acq: 3 Aug 2020 17:42

Instrument :

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ClientSampleId :

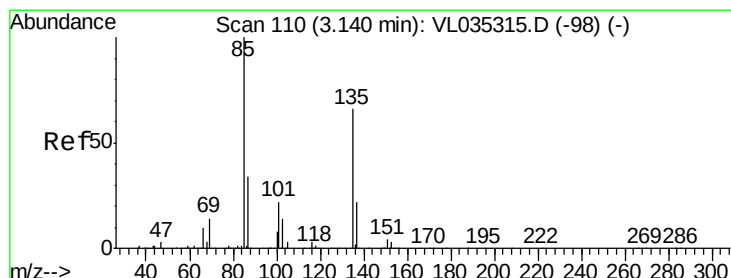
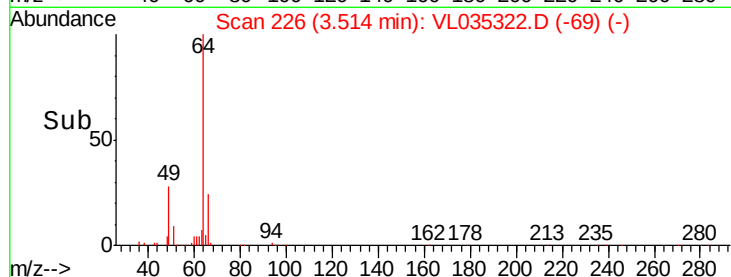
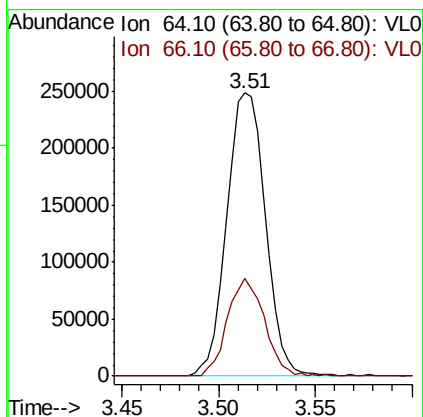
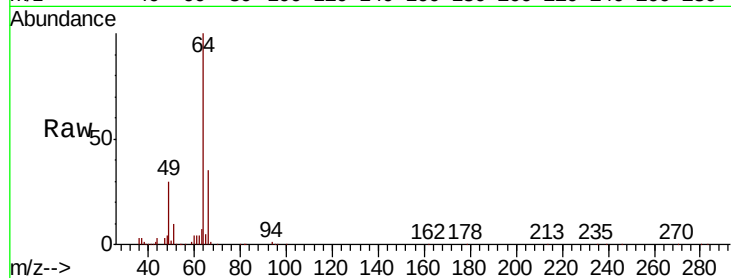
BFB

Tot Ion: 64 Resp: 345619

Ion Ratio Lower Upper

64 100

66 34.5 24.9 37.3



#8

Dichlorotetrafluoroethane

Concen: 8.156 ppbv

RT: 3.14 min Scan# 110

Delta R.T. 0.00 min

Lab File: VL035322.D

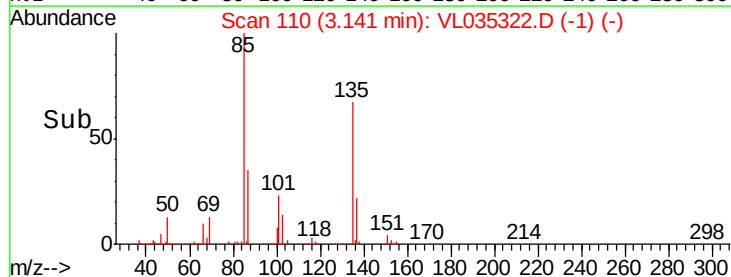
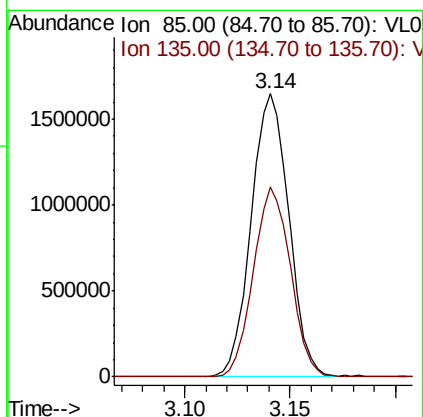
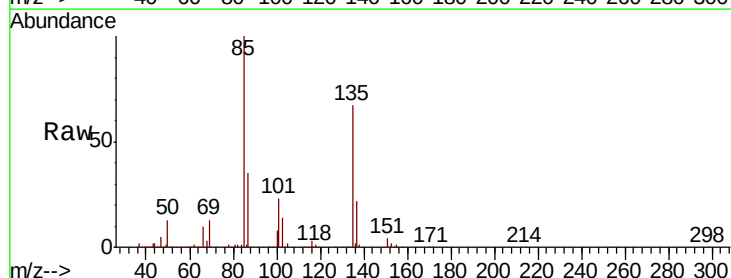
Acq: 3 Aug 2020 17:42

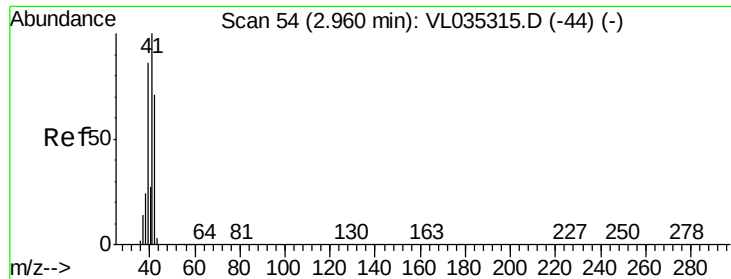
Tgt Ion: 85 Resp: 2047868

Ion Ratio Lower Upper

85 100

135 66.4 53.4 80.0





#9

Propene

Concen: 9.757 ppbv

RT: 2.96 min Scan# 54

Delta R.T. 0.00 min

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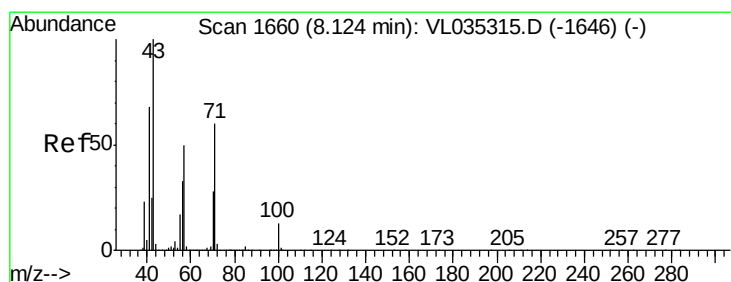
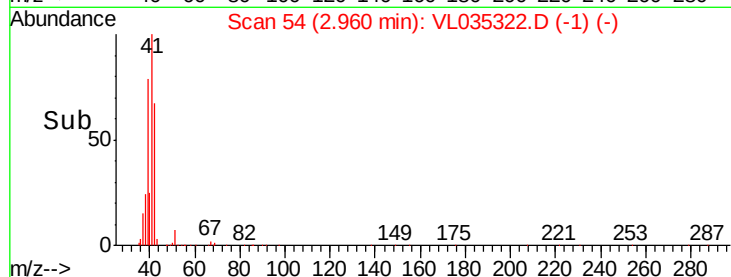
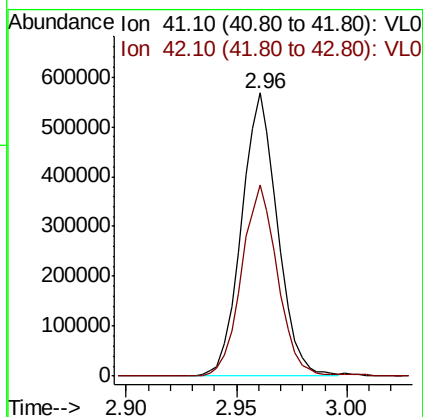
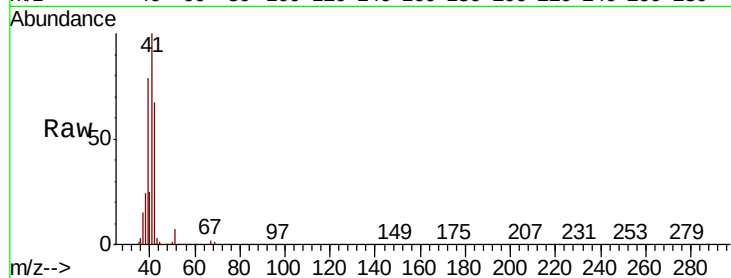
BFB

Tot Ion: 41 Resp: 644614

Ion Ratio Lower Upper

41 100

42 68.3 56.8 85.2



#10

Heptane

Concen: 9.750 ppbv

RT: 8.12 min Scan# 1660

Delta R.T. 0.00 min

Lab File: VL035322.D

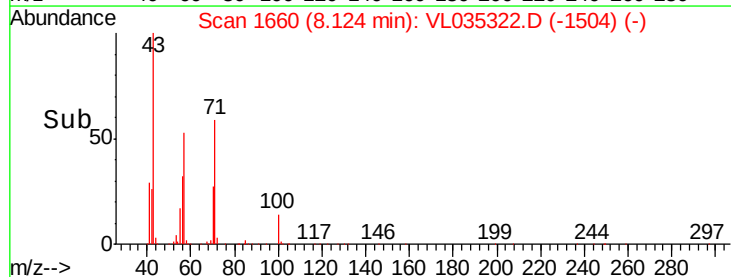
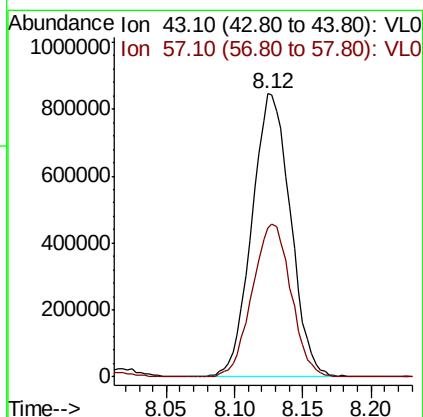
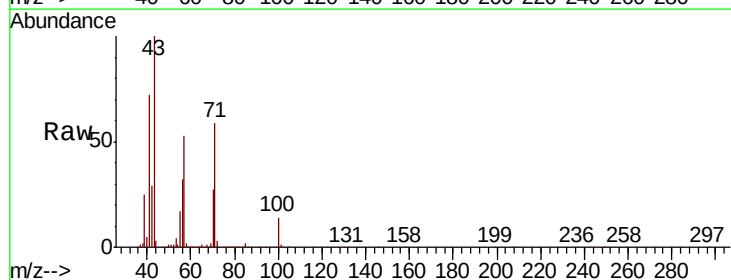
Acq: 3 Aug 2020 17:42

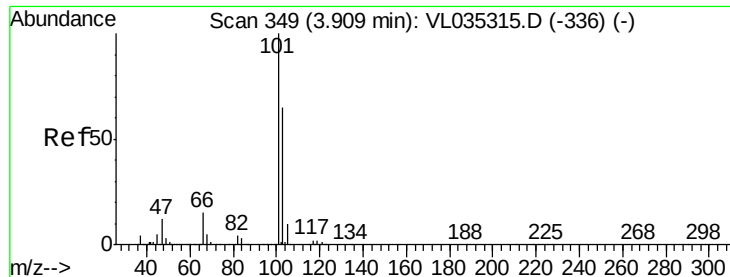
Tgt Ion: 43 Resp: 1653280

Ion Ratio Lower Upper

43 100

57 54.5 42.4 63.6





#11

Trichlorofluoromethane

Concen: 7.976 ppbv

RT: 3.91 min Scan# 350

Delta R.T. 0.00 min

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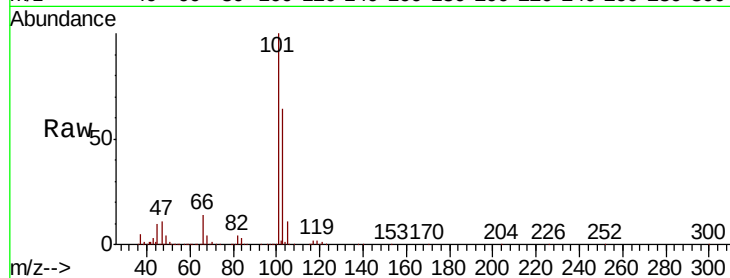
BFB

Tot Ion:101 Resp: 2168502

Ion Ratio Lower Upper

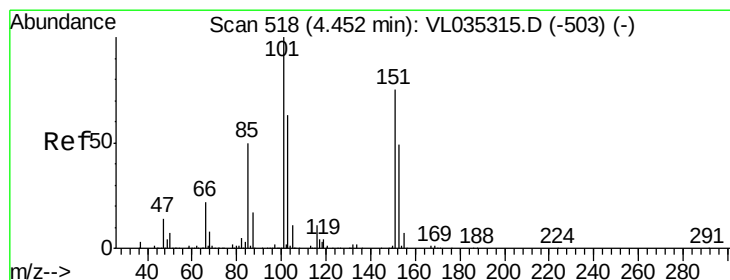
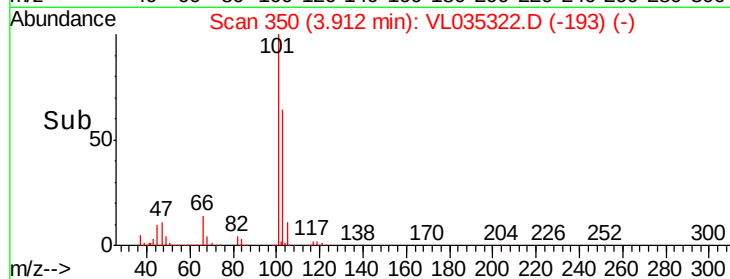
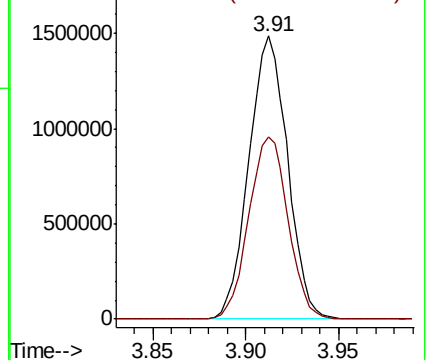
101 100

103 64.2 51.8 77.6



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#12

1,1,2-Trichlorotrifluoroethane

Concen: 8.070 ppbv

RT: 4.45 min Scan# 518

Delta R.T. 0.00 min

Lab File: VL035322.D

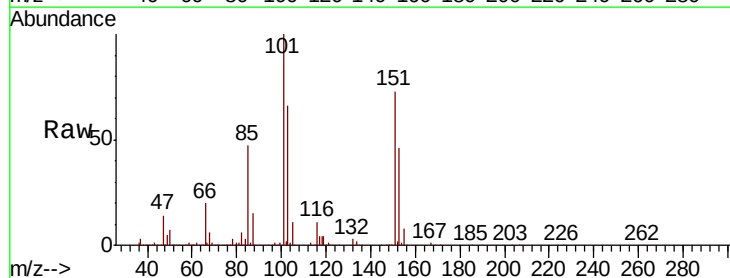
Acq: 3 Aug 2020 17:42

Tgt Ion:101 Resp: 1529400

Ion Ratio Lower Upper

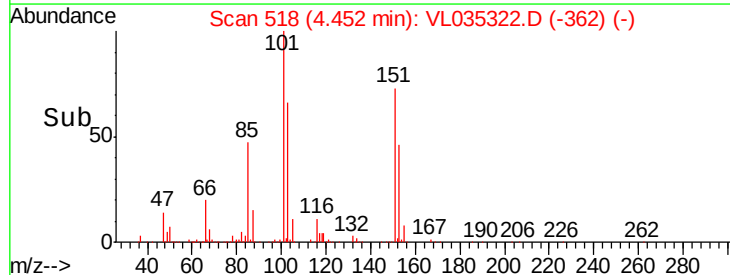
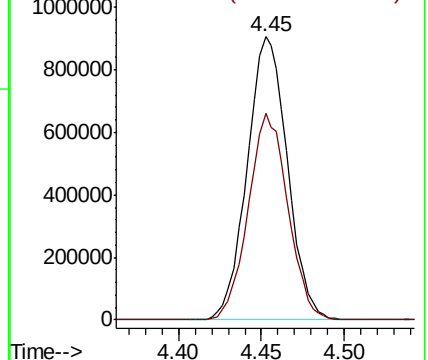
101 100

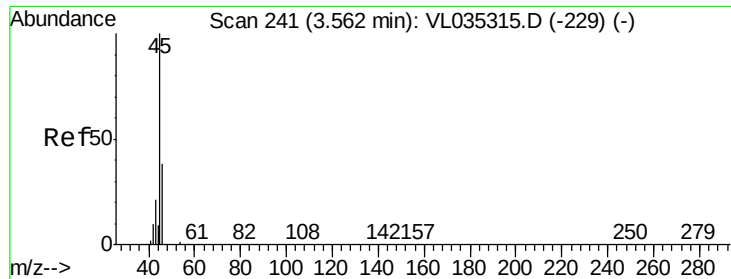
151 72.0 58.9 88.3



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 151.00 (150.70 to 151.70): V





#13

Ethanol

Concen: 6.633 ppbv

RT: 3.56 min Scan# 241

Delta R.T. 0.00 min

Lab File: VL035322.D

Acq: 3 Aug 2020 17:42

Instrument :

MSVOA_L

ClientSampleId :

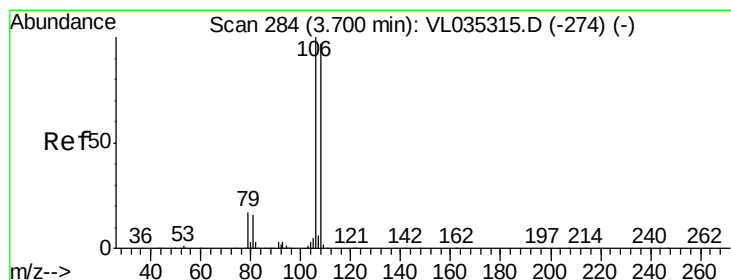
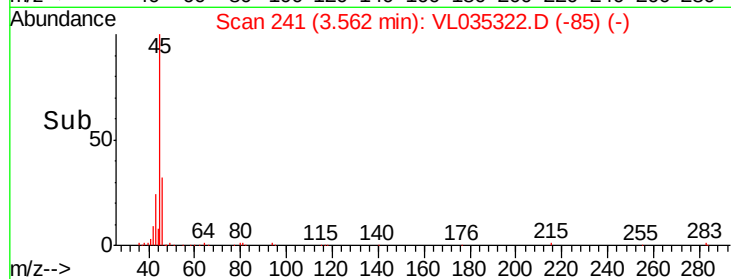
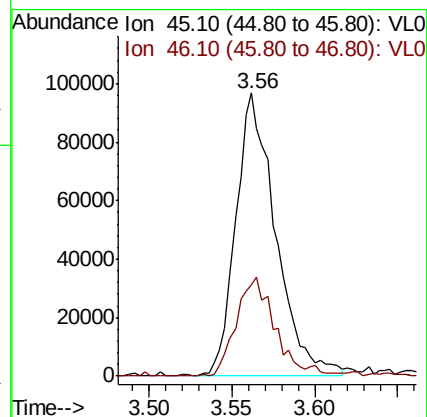
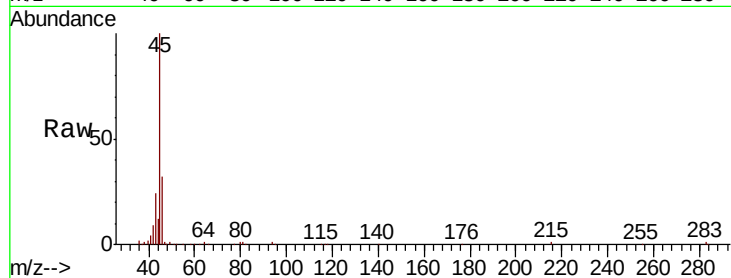
BFB

Tot Ion: 45 Resp: 161898

Ion Ratio Lower Upper

45 100

46 35.5 14.5 57.9



#14

Bromoethene

Concen: 9.004 ppbv

RT: 3.70 min Scan# 284

Delta R.T. 0.00 min

Lab File: VL035322.D

Acq: 3 Aug 2020 17:42

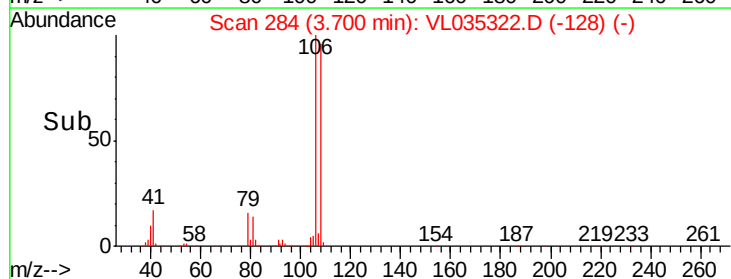
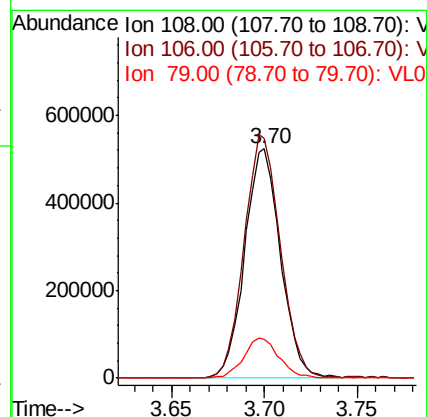
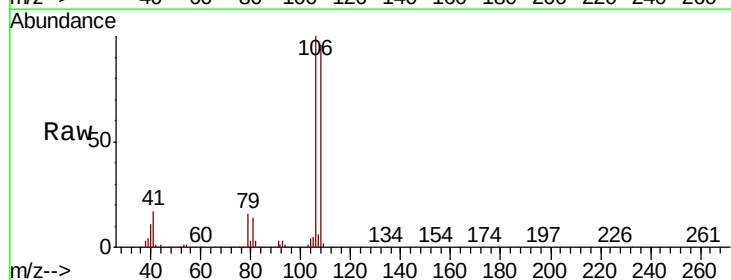
Tgt Ion: 108 Resp: 702700

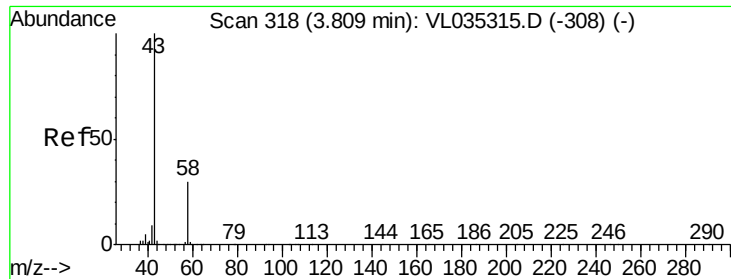
Ion Ratio Lower Upper

108 100

106 107.9 86.2 129.2

79 17.4 14.0 21.0





#15

Acetone

Concen: 7.611 ppbv

RT: 3.81 min Scan# 318

Delta R.T. 0.00 min

Lab File: VL035322.D

Acq: 3 Aug 2020 17:42

Instrument :

MSVOA_L

ClientSampleId :

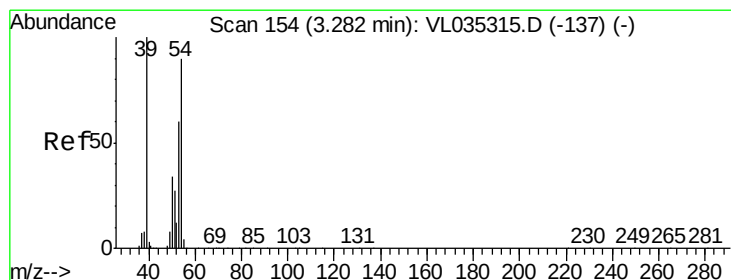
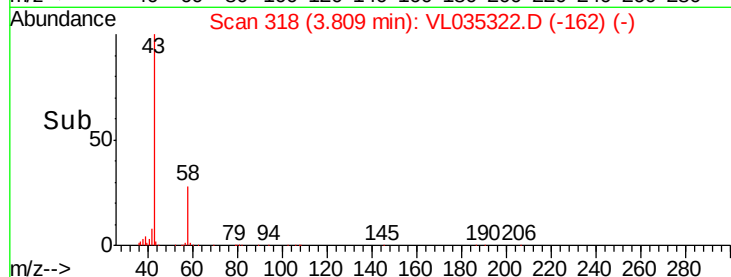
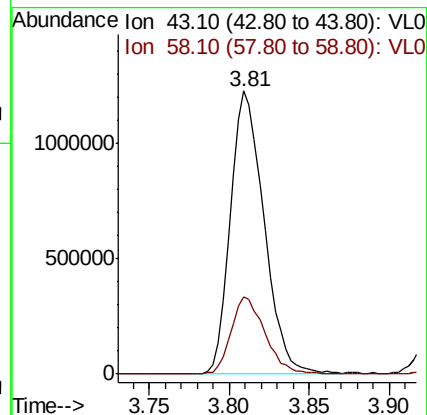
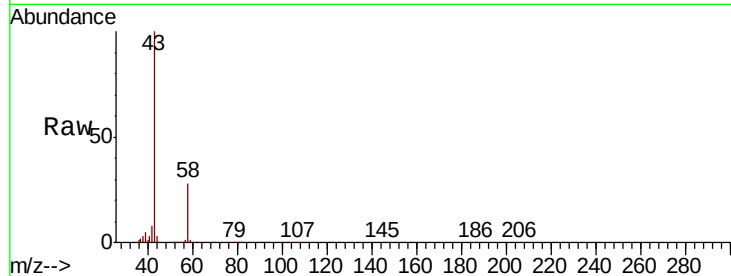
BFB

Tot Ion: 43 Resp: 1751024

Ion Ratio Lower Upper

43 100

58 27.7 22.1 33.1



#16

1,3-Butadiene

Concen: 9.334 ppbv

RT: 3.28 min Scan# 154

Delta R.T. 0.00 min

Lab File: VL035322.D

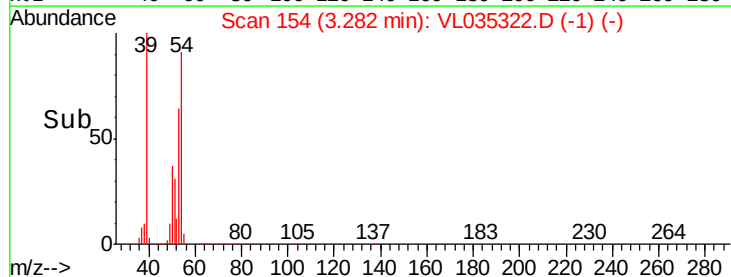
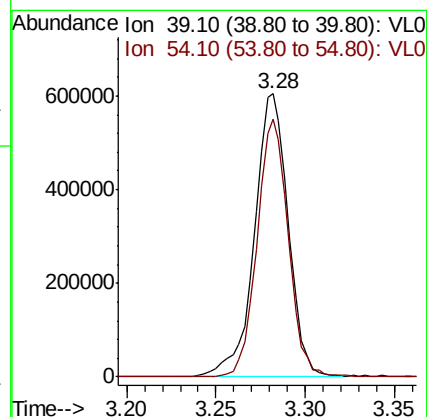
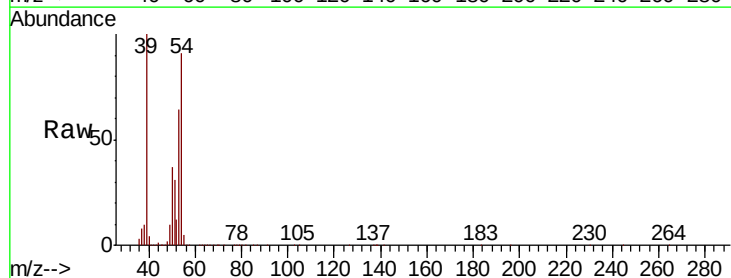
Acq: 3 Aug 2020 17:42

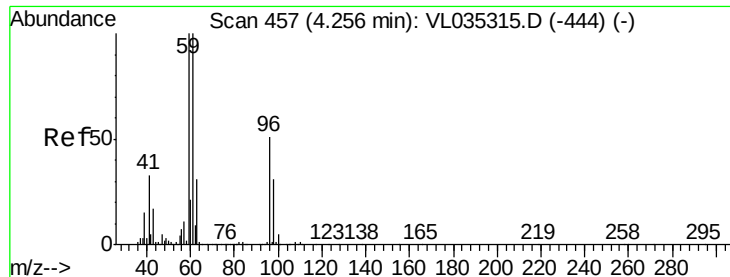
Tgt Ion: 39 Resp: 800809

Ion Ratio Lower Upper

39 100

54 84.6 68.0 102.0





#17

tert-Butyl alcohol

Concen: 8.809 ppbv

RT: 4.26 min Scan# 457

Delta R.T. 0.00 min

Lab File: VL035322.D

Acq: 3 Aug 2020 17:42

Instrument :

MSVOA_L

ClientSampleId :

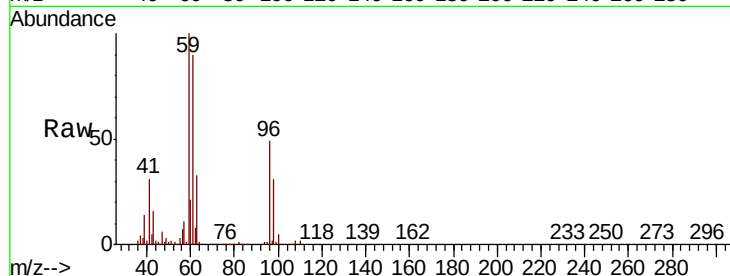
BFB

Tot Ion: 59 Resp: 1845884

Ion Ratio Lower Upper

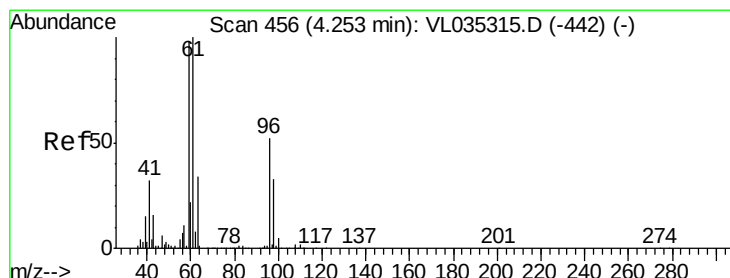
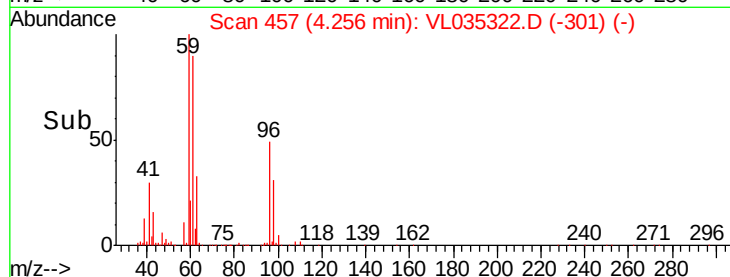
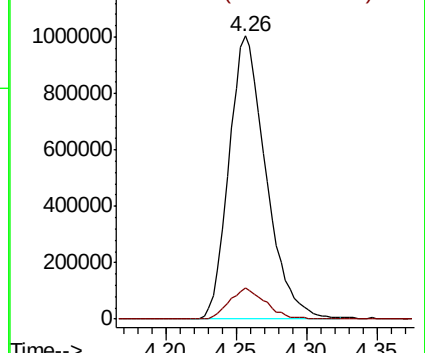
59 100

57 10.8 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: 8.436 ppbv

RT: 4.26 min Scan# 457

Delta R.T. 0.00 min

Lab File: VL035322.D

Acq: 3 Aug 2020 17:42

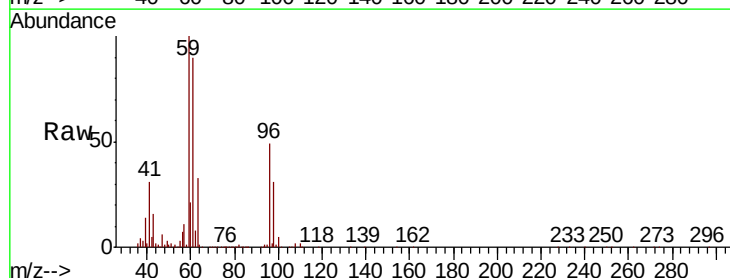
Tgt Ion: 96 Resp: 719694

Ion Ratio Lower Upper

96 100

61 182.7 154.9 232.3

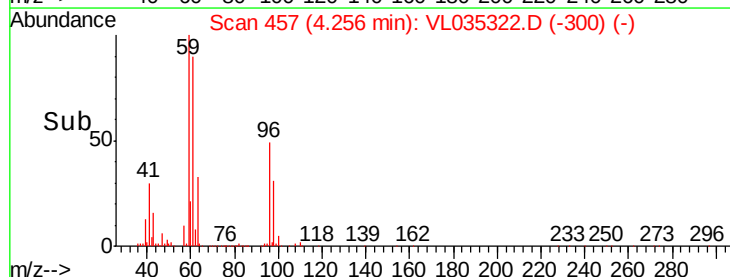
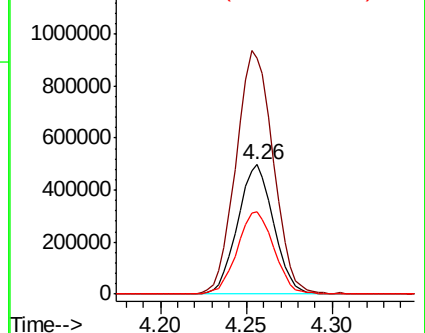
98 63.5 51.0 76.4

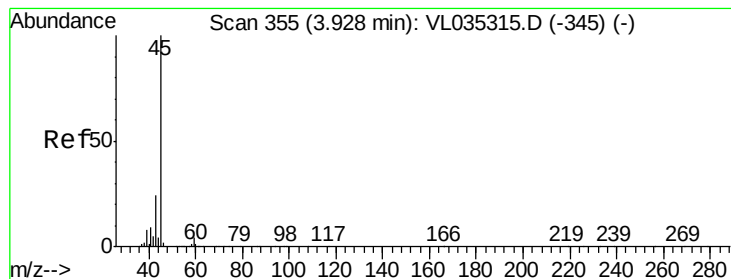


Abundance Ion 96.00 (95.70 to 96.70): VL0

Ion 61.10 (60.80 to 61.80): VL0

Ion 98.00 (97.70 to 98.70): VL0





#19

Isopropyl Alcohol

Concen: 8.386 ppbv

RT: 3.93 min Scan# 355

Delta R.T. 0.00 min

Lab File: VL035322.D

Acq: 3 Aug 2020 17:42

Instrument :

MSVOA_L

ClientSampleId :

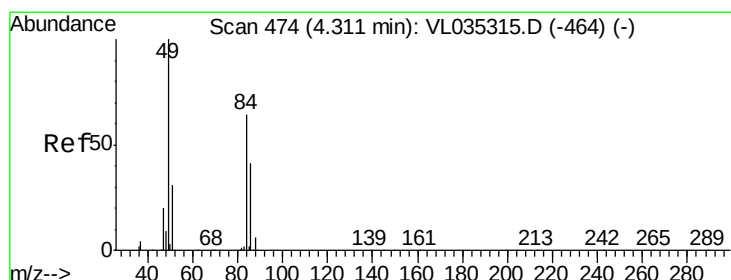
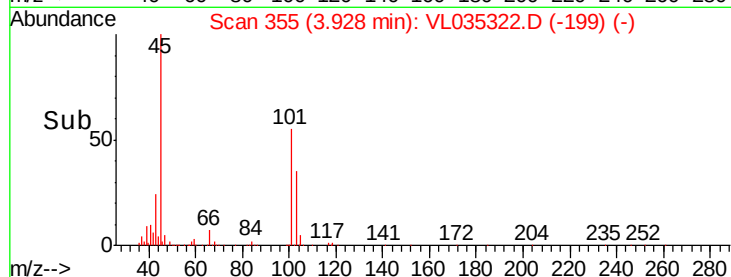
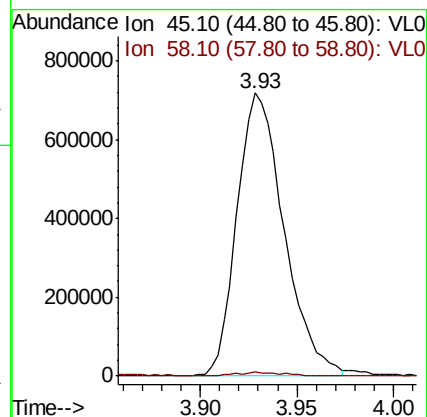
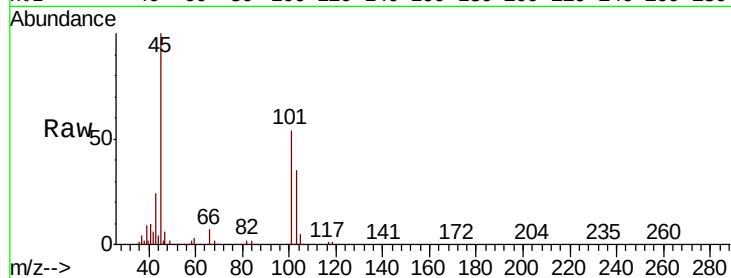
BFB

Tot Ion: 45 Resp: 1211851

Ion Ratio Lower Upper

45 100

58 1.8 1.5 2.3



#20

Methylene Chloride

Concen: 6.097 ppbv

RT: 4.31 min Scan# 474

Delta R.T. 0.00 min

Lab File: VL035322.D

Acq: 3 Aug 2020 17:42

Tgt Ion: 84 Resp: 640684

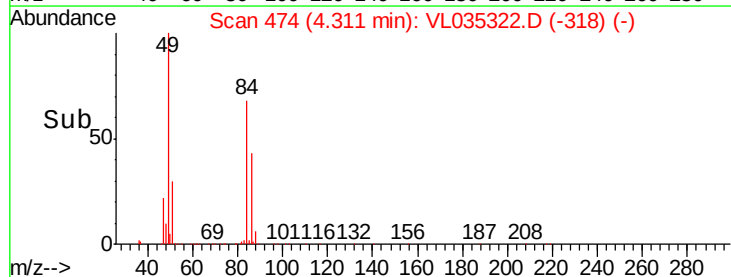
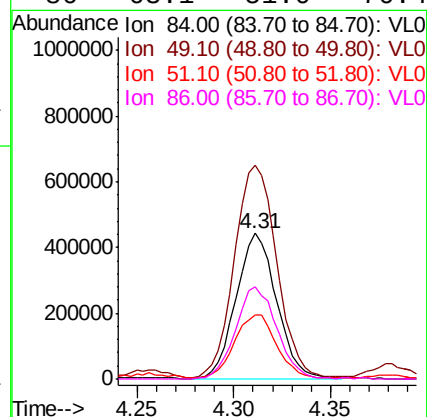
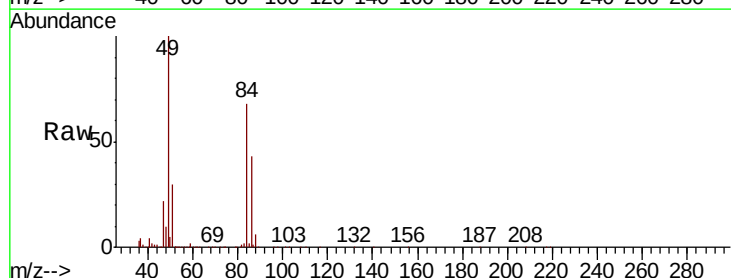
Ion Ratio Lower Upper

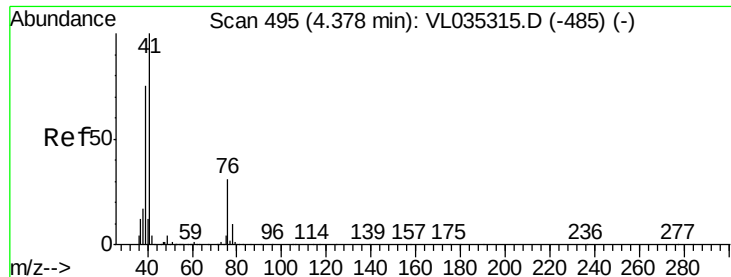
84 100

49 146.1 124.2 186.2

51 43.6 38.6 58.0

86 63.1 51.0 76.4

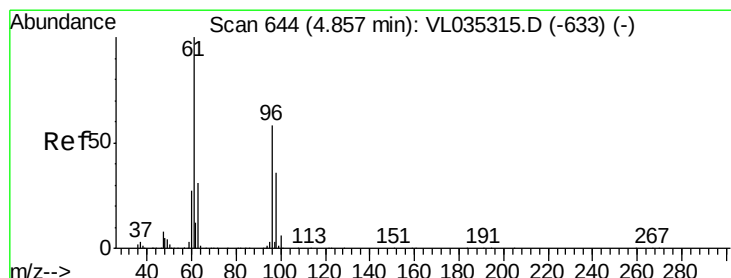
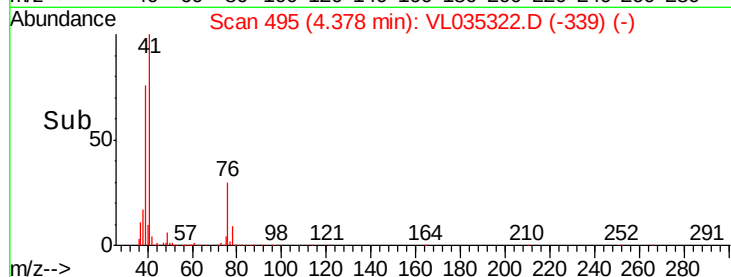
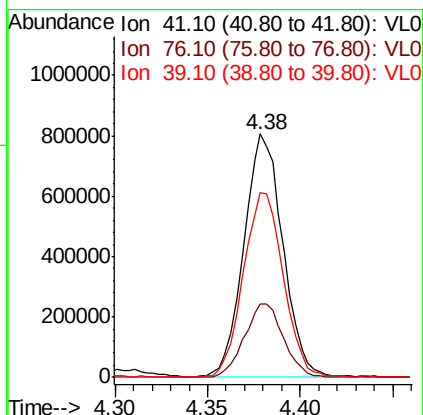
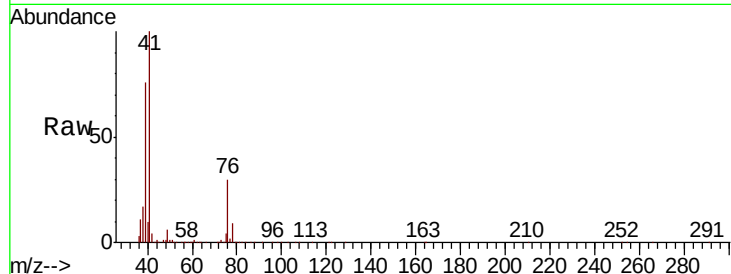




#21
Allvl Chloride
Concen: 8.978 ppbv
RT: 4.38 min Scan# 495
Delta R.T. 0.00 min
Lab File: VL035322.D
Acq: 3 Aug 2020 17:42

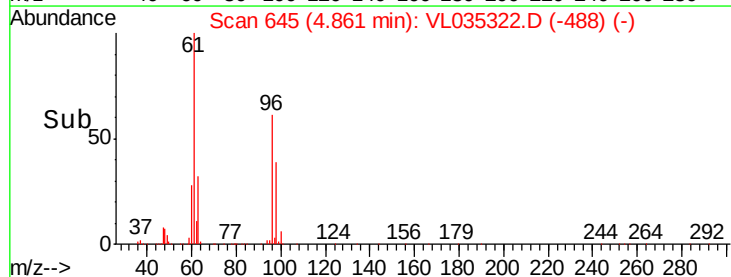
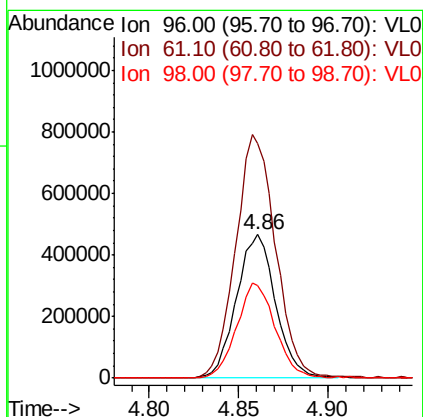
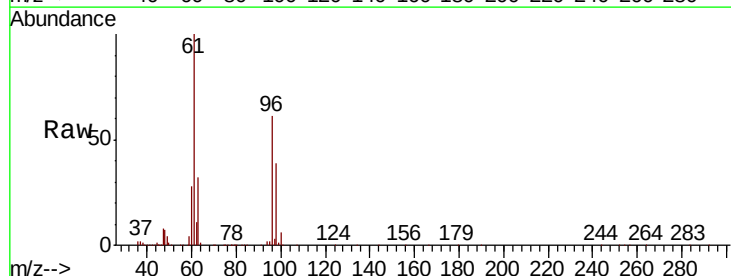
Instrument :
MSVOA_L
ClientSampled :
BFB

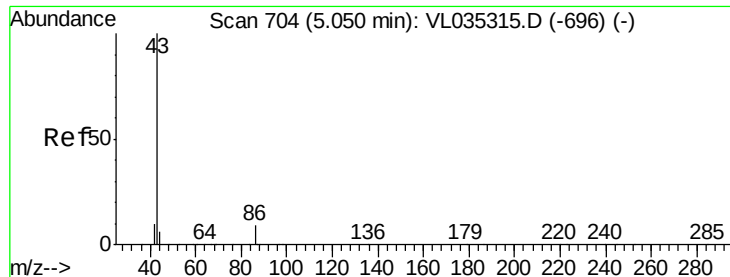
Tot Ion: 41 Resp: 1169765
Ion Ratio Lower Upper
41 100
76 30.6 24.4 36.6
39 78.6 61.8 92.6



#22
trans-1,2-Dichloroethene
Concen: 8.449 ppbv
RT: 4.86 min Scan# 645
Delta R.T. 0.00 min
Lab File: VL035322.D
Acq: 3 Aug 2020 17:42

Tgt Ion: 96 Resp: 715092
Ion Ratio Lower Upper
96 100
61 163.2 136.8 205.2
98 64.3 49.2 73.8





#23

Vinyl Acetate

Concen: 9.895 ppbv

RT: 5.05 min Scan# 704

Delta R.T. 0.00 min

Lab File: VL035322.D

Acq: 3 Aug 2020 17:42

Instrument :

MSVOA_L

ClientSampleId :

BFB

Tot Ion: 43 Resp: 2255820

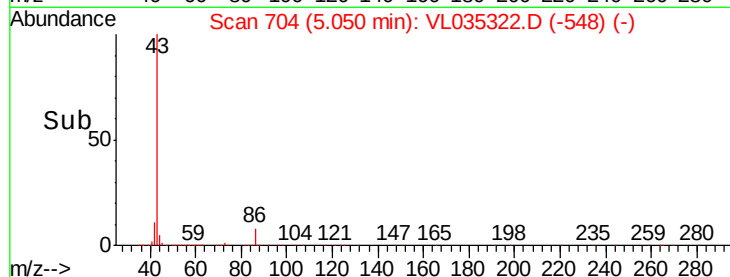
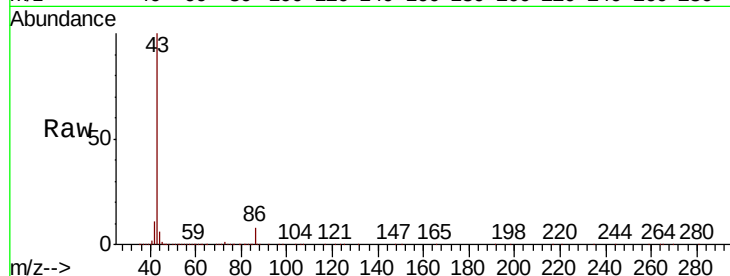
Ion	Ratio	Lower	Upper
43	100		
86	7.9	6.5	9.7
42	10.7	8.2	12.4
44	5.9	5.0	7.6

43 100

86 7.9 6.5 9.7

42 10.7 8.2 12.4

44 5.9 5.0 7.6

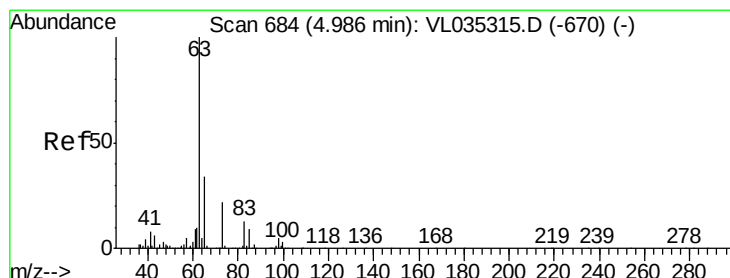
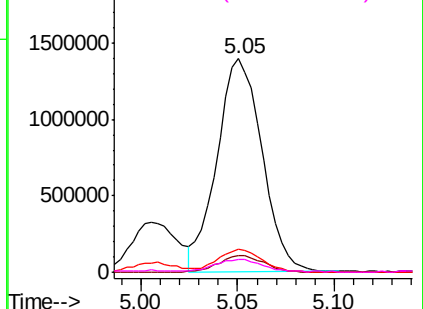


Abundance Ion 43.10 (42.80 to 43.80): VL0

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: 8.622 ppbv

RT: 4.99 min Scan# 684

Delta R.T. 0.00 min

Lab File: VL035322.D

Acq: 3 Aug 2020 17:42

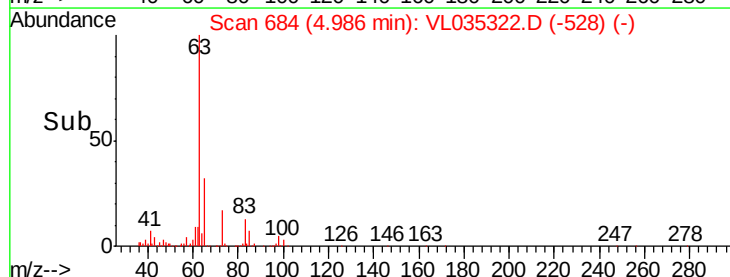
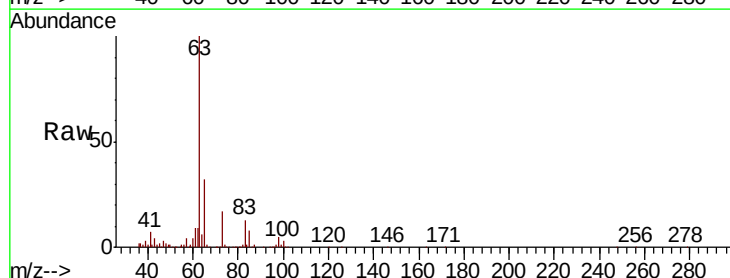
Tgt Ion: 63 Resp: 1828857

Ion	Ratio	Lower	Upper
63	100		
98	4.5	2.5	7.5
100	3.0	1.5	4.4

63 100

98 4.5 2.5 7.5

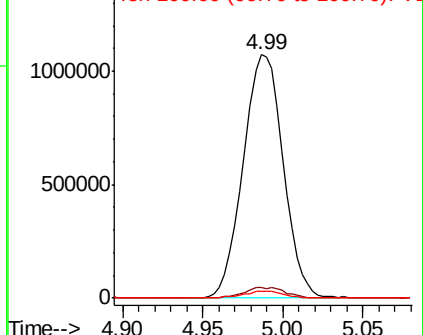
100 3.0 1.5 4.4

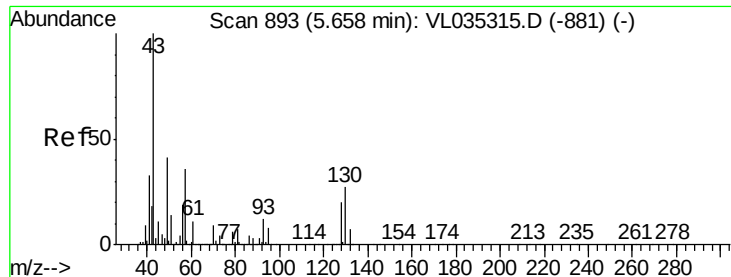


Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 98.00 (97.70 to 98.70): VL0

Ion 100.00 (99.70 to 100.70): VL0



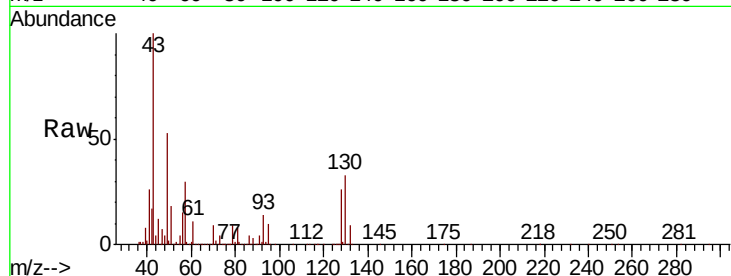


#25
Ethyl Acetate
Concen: 8.939 ppbv
RT: 5.66 min Scan# 893
Delta R.T. 0.00 min
Lab File: VL035322.D
Acq: 3 Aug 2020 17:42

Instrument :
MSVOA_L
ClientSampleID :
BFB

Tot Ion: 43 Resp: 3108459

Ion	Ratio	Lower	Upper
43	100		
45	10.4	8.6	12.8
61	10.1	8.1	12.1
70	7.9	6.5	9.7



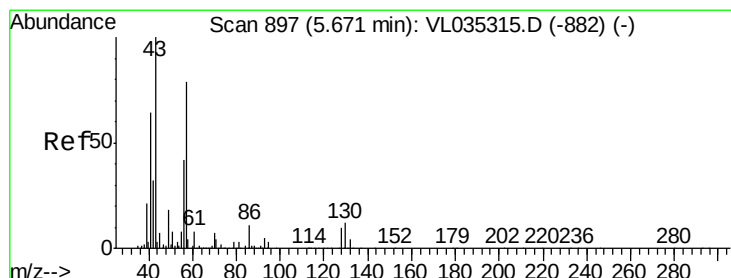
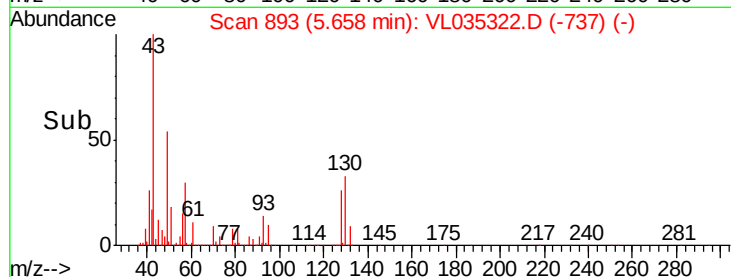
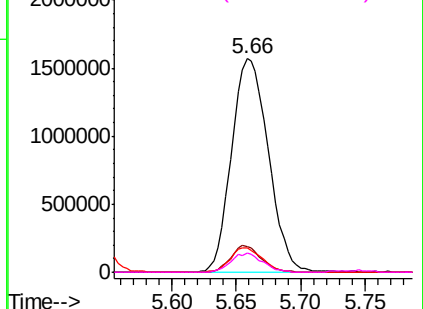
Abundance

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

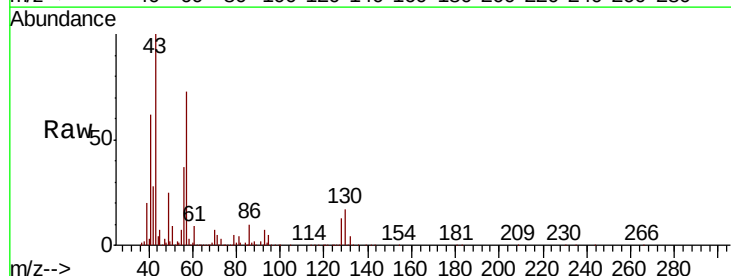
Ion 70.10 (69.80 to 70.80): VL0



#26
Hexane
Concen: 8.825 ppbv
RT: 5.67 min Scan# 897
Delta R.T. 0.00 min
Lab File: VL035322.D
Acq: 3 Aug 2020 17:42

Tgt Ion: 57 Resp: 1373969

Ion	Ratio	Lower	Upper
57	100		
41	90.1	72.1	108.1
43	226.8	179.0	268.6
56	53.3	42.7	64.1



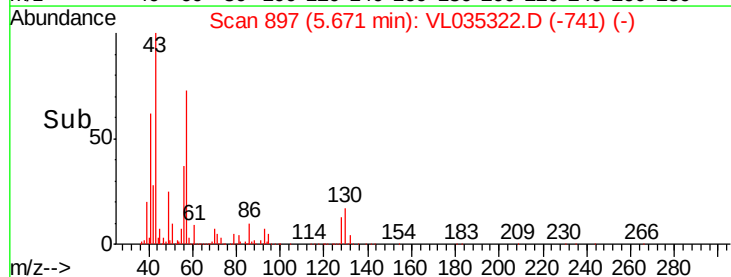
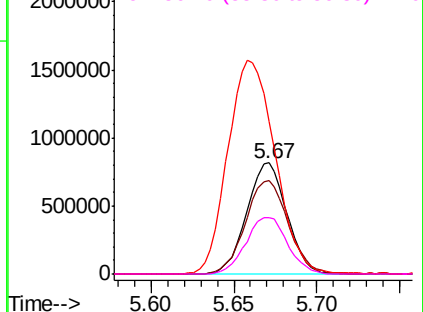
Abundance

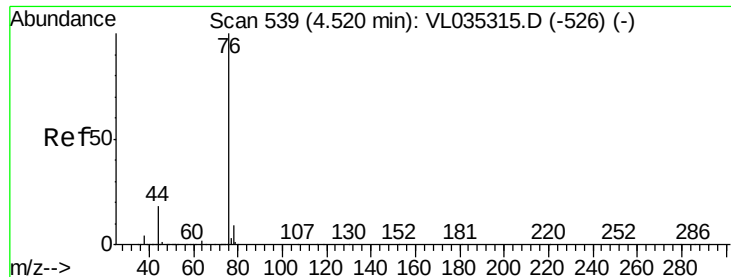
Ion 57.10 (56.80 to 57.80): VL0

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: 9.035 ppbv

RT: 4.52 min Scan# 539

Delta R.T. 0.00 min

Lab File: VL035322.D

Acq: 3 Aug 2020 17:42

Instrument :

MSVOA_L

ClientSampleId :

BFB

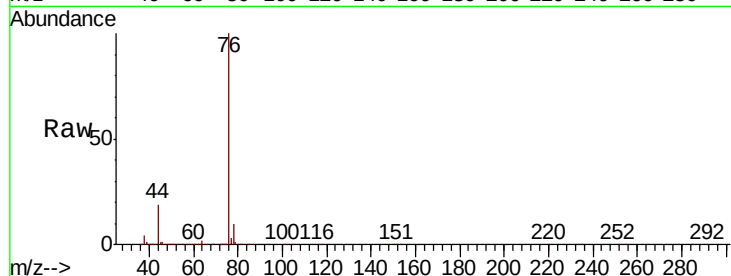
Tot Ion: 76 Resp: 1892791

Ion	Ratio	Lower	Upper
76	100		
44	18.4	14.8	22.2
78	9.5	7.8	11.8

76 100

44 18.4 14.8 22.2

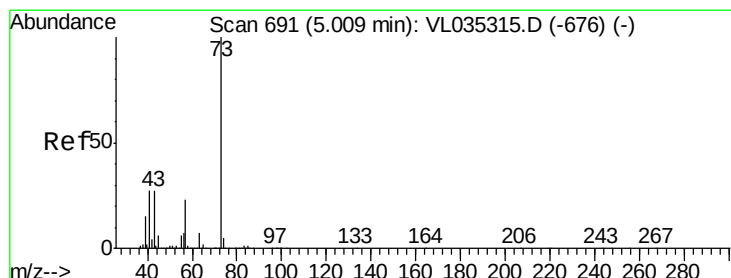
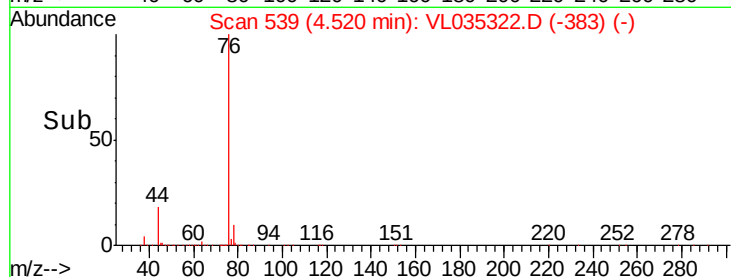
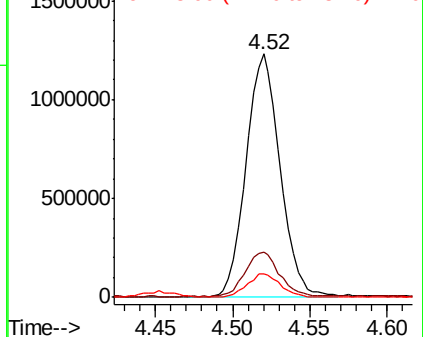
78 9.5 7.8 11.8



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: 9.479 ppbv

RT: 5.01 min Scan# 691

Delta R.T. 0.00 min

Lab File: VL035322.D

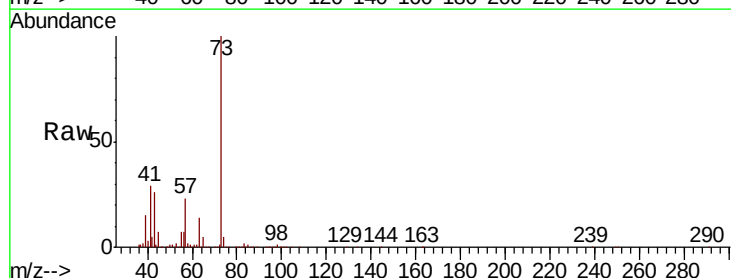
Acq: 3 Aug 2020 17:42

Tgt Ion: 73 Resp: 2217787

Ion	Ratio	Lower	Upper
73	100		
57	22.6	18.2	27.2

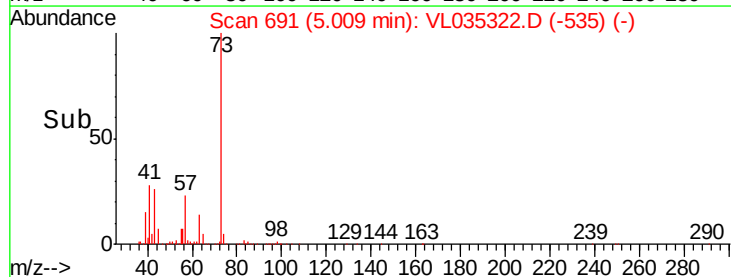
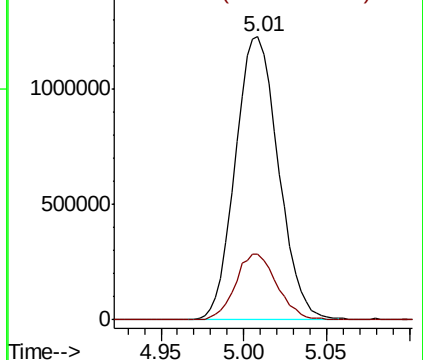
73 100

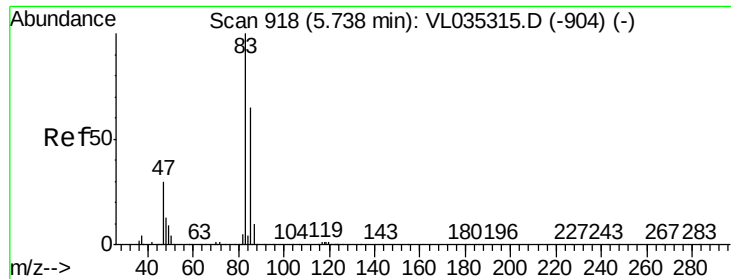
57 22.6 18.2 27.2



Abundance Ion 73.10 (72.80 to 73.80): VL0

Ion 57.10 (56.80 to 57.80): VL0

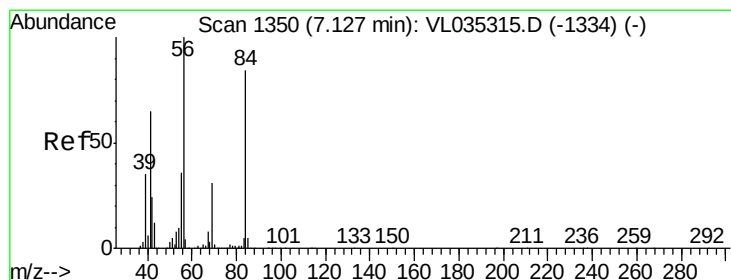
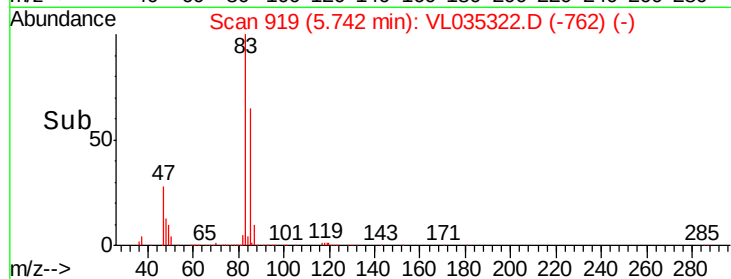
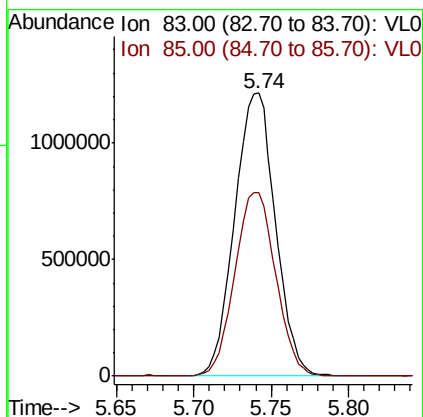
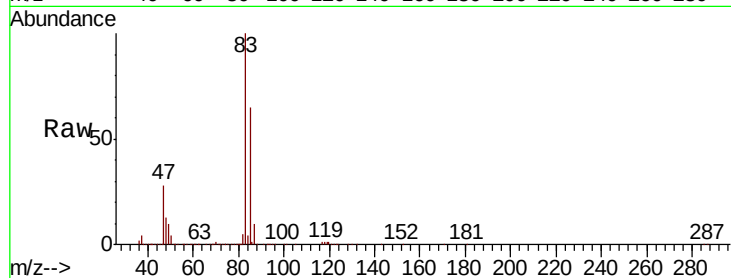




#29
Chloroform
Concen: 8.421 ppbv
RT: 5.74 min Scan# 919
Delta R.T. 0.00 min
Lab File: VL035322.D
Acq: 3 Aug 2020 17:42

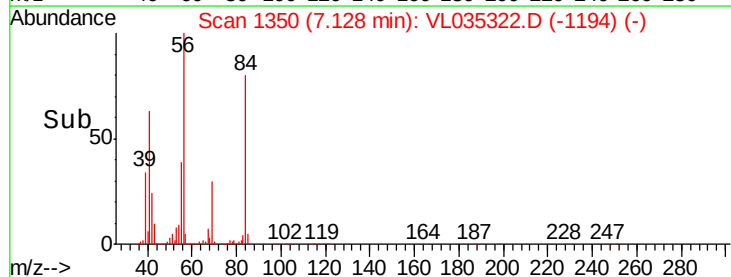
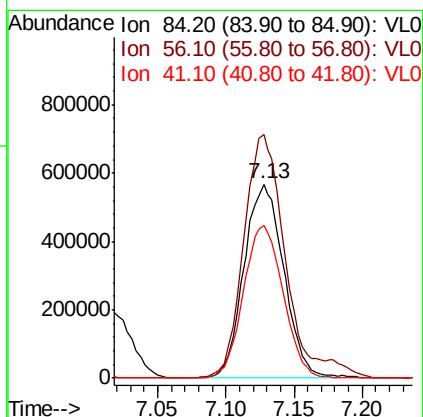
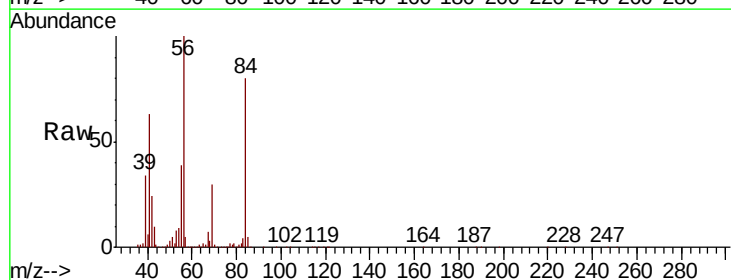
Instrument :
MSVOA_L
ClientSampled :
BFB

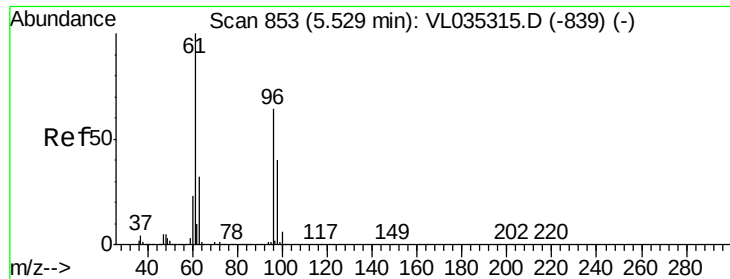
Tot Ion: 83 Resp: 2217860
Ion Ratio Lower Upper
83 100
85 64.7 51.9 77.9



#30
Cyclohexane
Concen: 9.833 ppbv
RT: 7.13 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VL035322.D
Acq: 3 Aug 2020 17:42

Tgt Ion: 84 Resp: 1148437
Ion Ratio Lower Upper
84 100
56 132.8 103.0 154.6
41 78.3 62.7 94.1



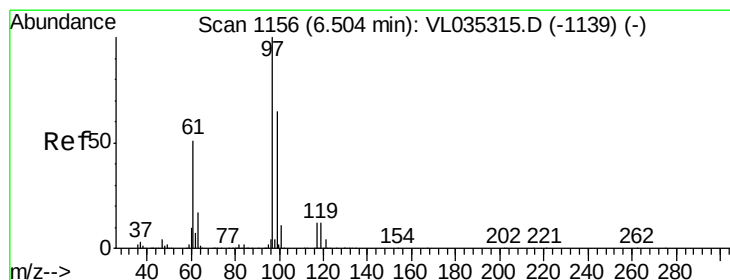
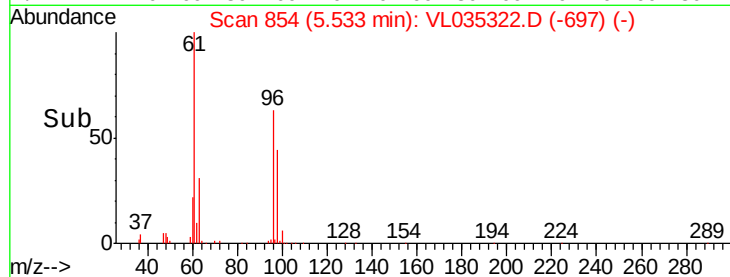
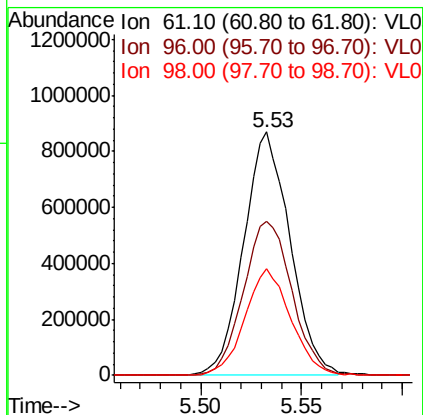
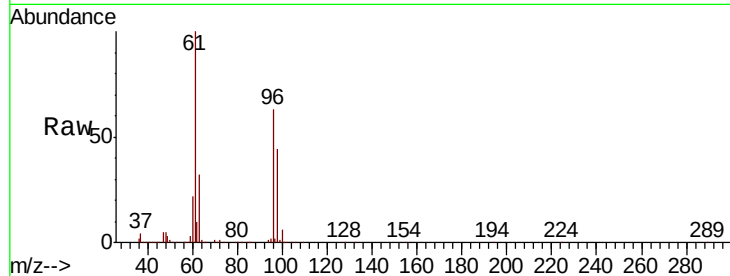


#31

cis-1,2-Dichloroethene
Concen: 9.704 ppbv
RT: 5.53 min Scan# 854
Delta R.T. 0.00 min
Lab File: VL035322.D
Acq: 3 Aug 2020 17:42

Instrument :
MSVOA_L
ClientSampled :
BFB

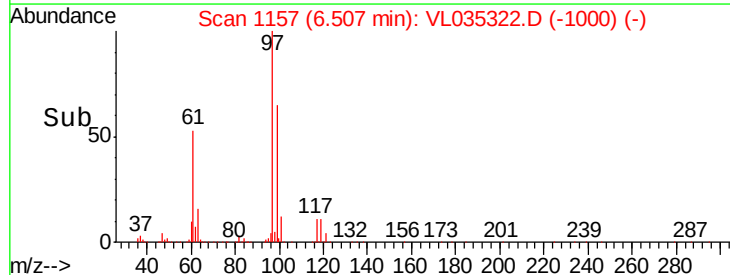
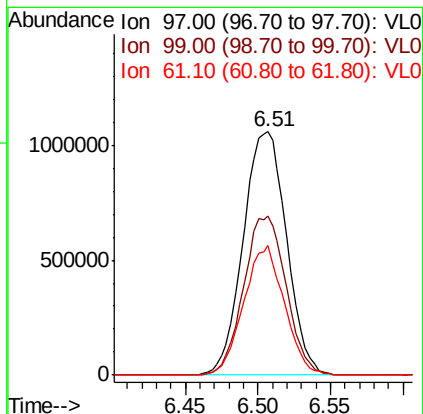
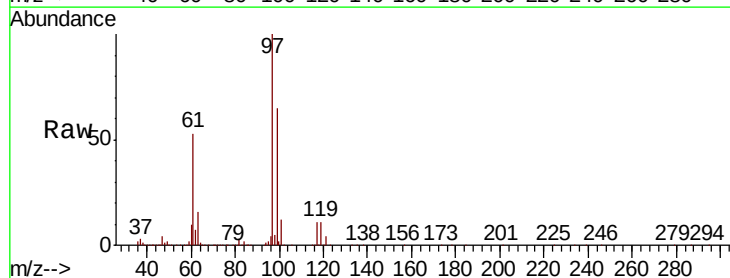
Tot Ion: 61 Resp: 1393889
Ion Ratio Lower Upper
61 100
96 63.1 51.4 77.2
98 43.6 32.2 48.4

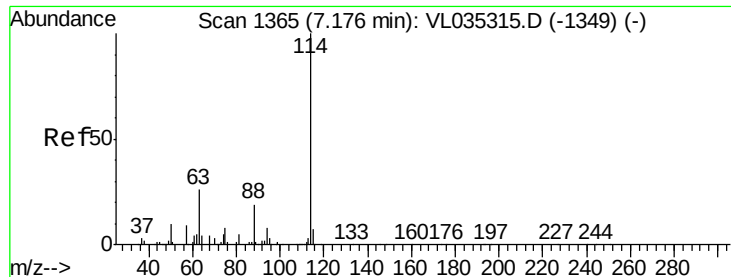


#32

1,1,1-Trichloroethane
Concen: 8.669 ppbv
RT: 6.51 min Scan# 1157
Delta R.T. 0.00 min
Lab File: VL035322.D
Acq: 3 Aug 2020 17:42

Tgt Ion: 97 Resp: 2207738
Ion Ratio Lower Upper
97 100
99 64.3 52.2 78.4
61 50.0 40.9 61.3

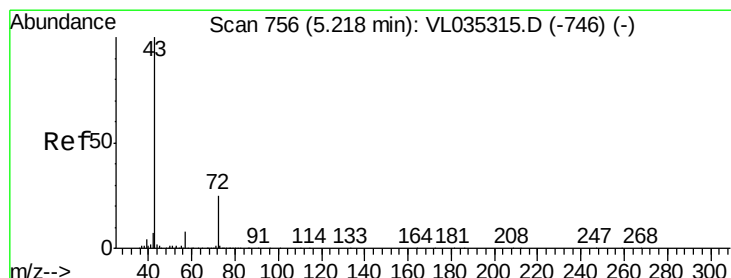
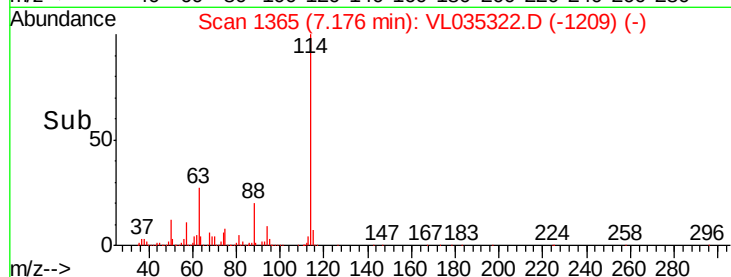
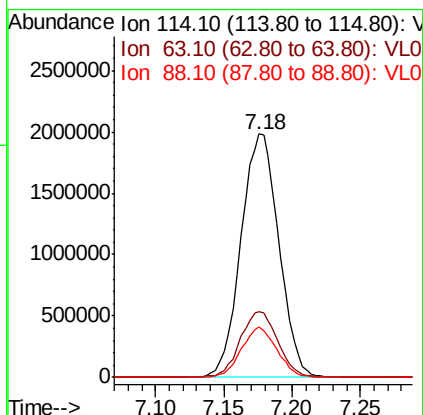
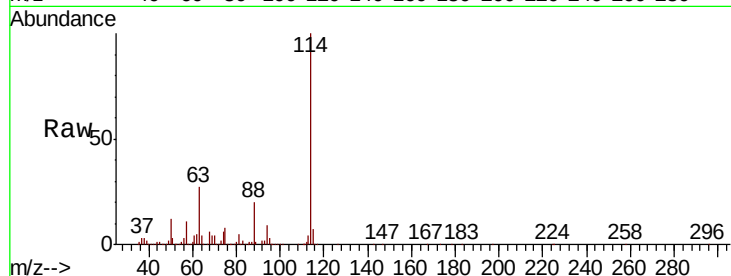




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.18 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VL035322.D
 Acq: 3 Aug 2020 17:42

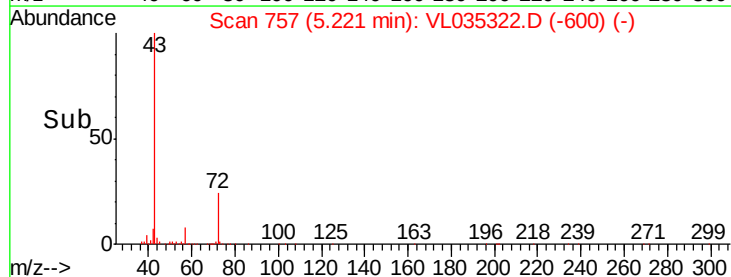
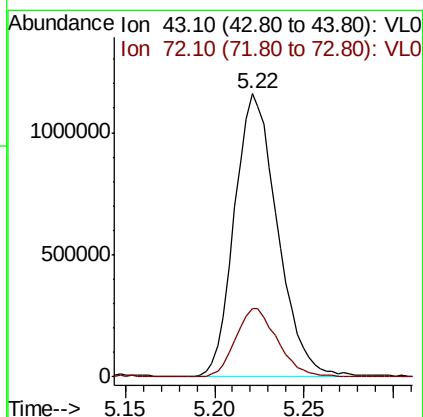
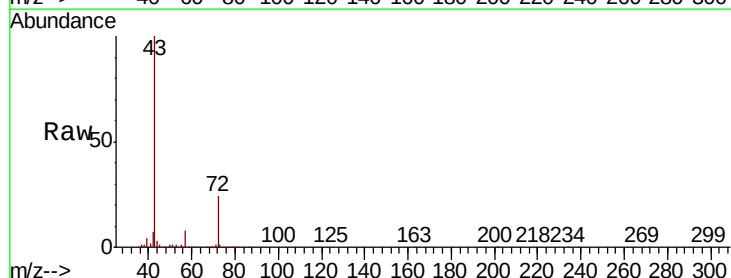
Instrument :
 MSVOA_L
 ClientSampleId :
 BFB

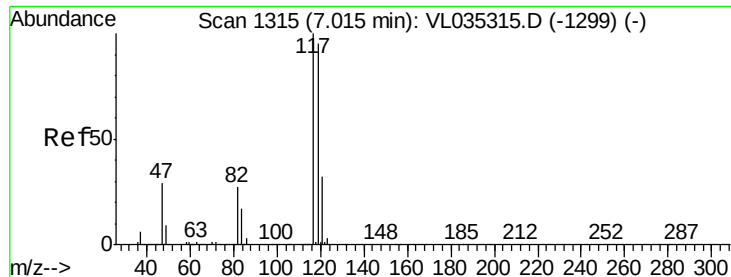
Tot Ion:114 Resp: 3820828
 Ion Ratio Lower Upper
 114 100
 63 27.1 21.5 32.3
 88 19.2 15.3 22.9



#34
 2-Butanone
 Concen: 9.617 ppbv
 RT: 5.22 min Scan# 757
 Delta R.T. 0.00 min
 Lab File: VL035322.D
 Acq: 3 Aug 2020 17:42

Tgt Ion: 43 Resp: 1934518
 Ion Ratio Lower Upper
 43 100
 72 24.0 19.2 28.8





#35

Carbon Tetrachloride

Concen: 9.165 ppbv

RT: 7.01 min Scan# 1315

Delta R.T. 0.00 min

Lab File: VL035322.D

Acq: 3 Aug 2020 17:42

Instrument :

MSVOA_L

ClientSampled :

BFB

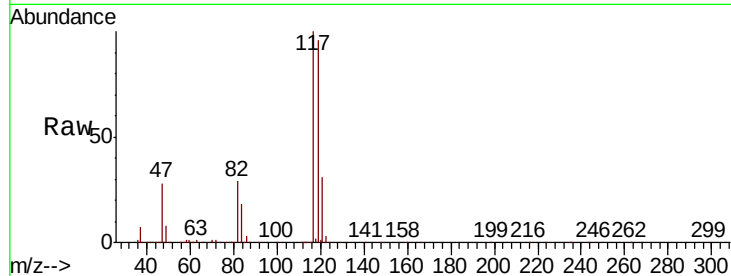
Tot Ion:117 Resp: 2264553

Ion Ratio Lower Upper

117 100

119 96.2 76.1 114.1

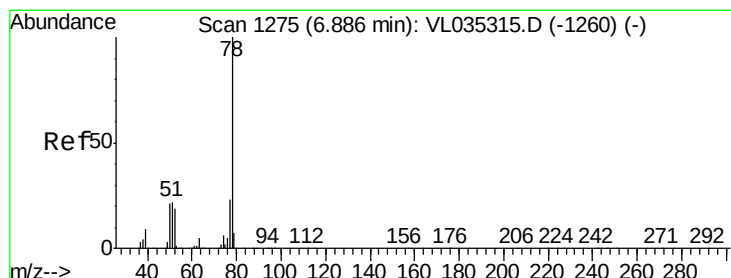
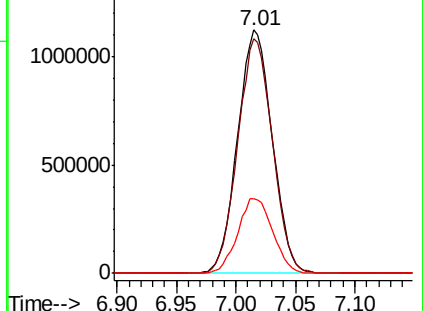
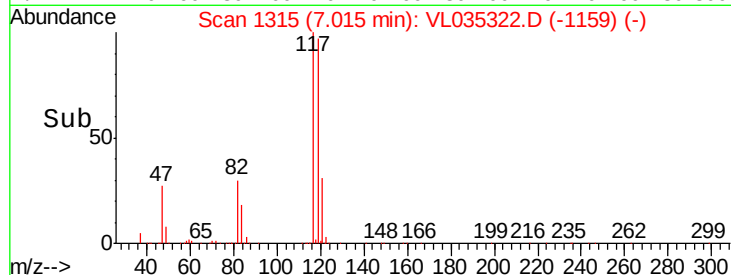
121 30.7 25.6 38.4



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#36

Benzene

Concen: 9.837 ppbv

RT: 6.89 min Scan# 1276

Delta R.T. 0.00 min

Lab File: VL035322.D

Acq: 3 Aug 2020 17:42

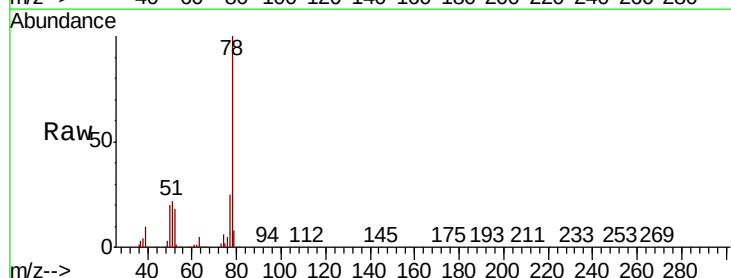
Tgt Ion: 78 Resp: 2755785

Ion Ratio Lower Upper

78 100

77 24.8 18.4 27.6

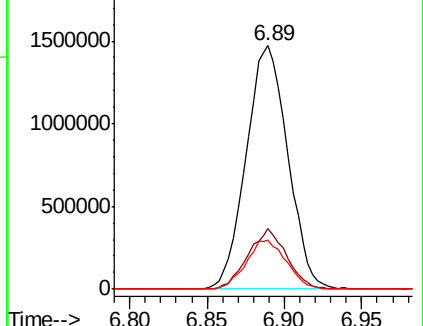
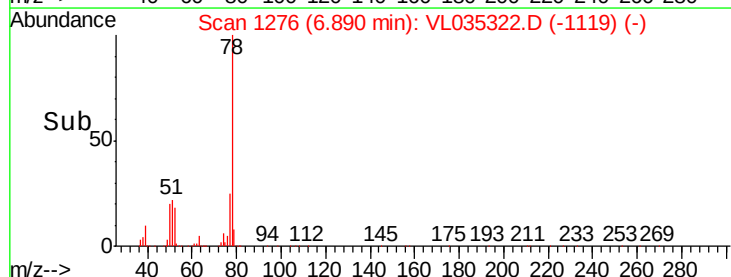
50 20.1 16.6 25.0

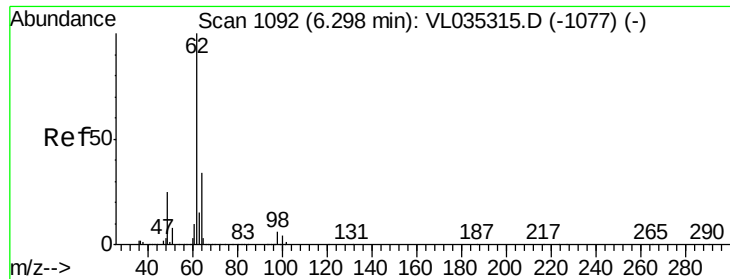


Abundance Ion 78.10 (77.80 to 78.80): VL0

Ion 77.10 (76.80 to 77.80): VL0

Ion 50.10 (49.80 to 50.80): VL0

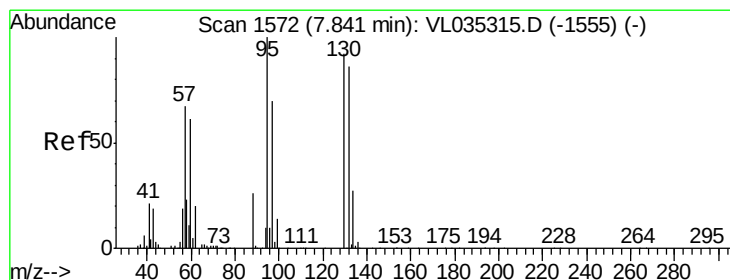
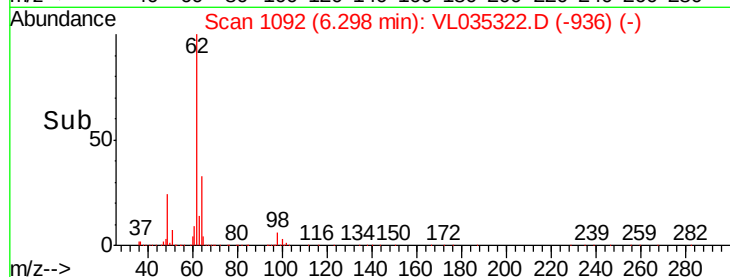
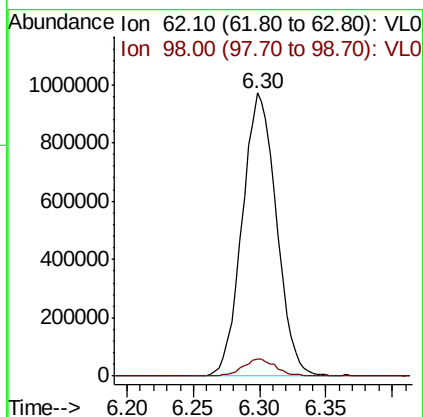
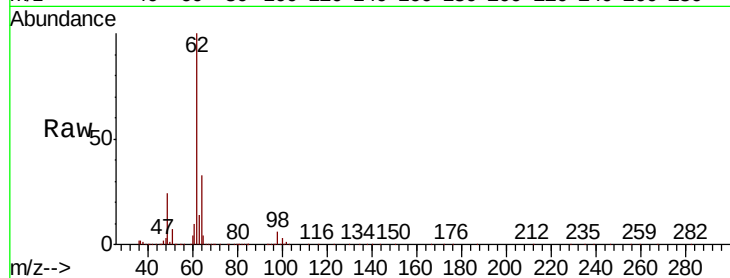




#37
 1,2-Dichloroethane
 Concen: 9.170 ppbv
 RT: 6.30 min Scan# 1092
 Delta R.T. 0.00 min
 Lab File: VL035322.D
 Acq: 3 Aug 2020 17:42

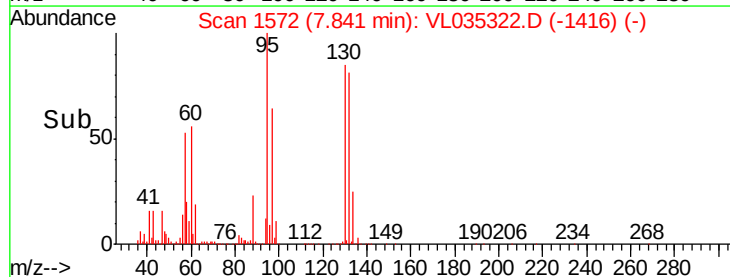
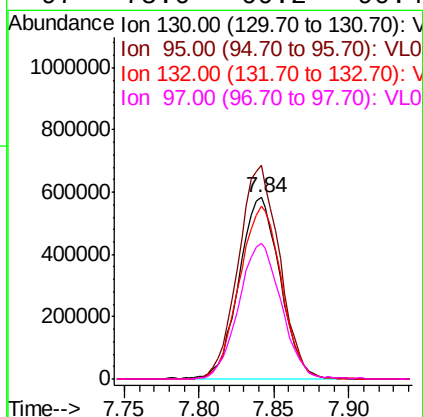
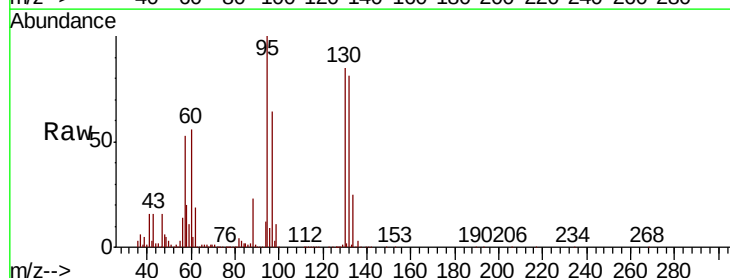
Instrument :
 MSVOA_L
 ClientSampled :
 BFB

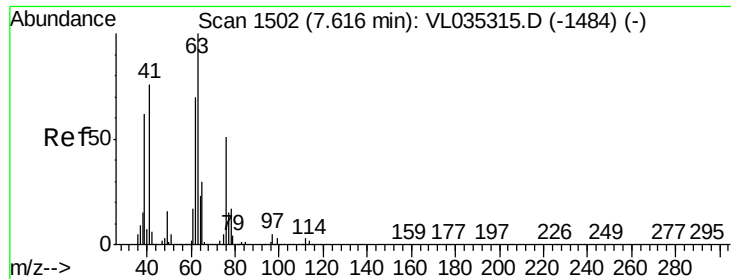
Tot Ion: 62 Resp: 1740088
 Ion Ratio Lower Upper
 62 100
 98 5.9 4.6 7.0



#38
 Trichloroethene
 Concen: 10.858 ppbv
 RT: 7.84 min Scan# 1572
 Delta R.T. 0.00 min
 Lab File: VL035322.D
 Acq: 3 Aug 2020 17:42

Tgt Ion:130 Resp: 1117705
 Ion Ratio Lower Upper
 130 100
 95 117.7 86.3 129.5
 132 95.5 74.2 111.2
 97 75.0 60.2 90.4

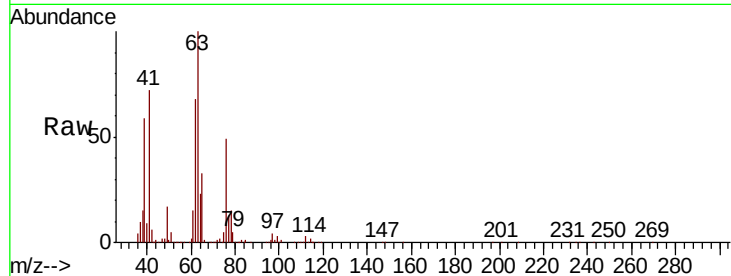




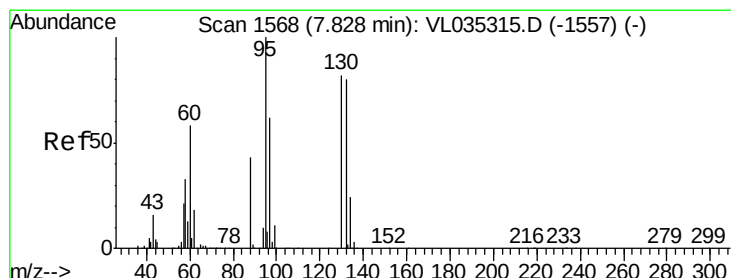
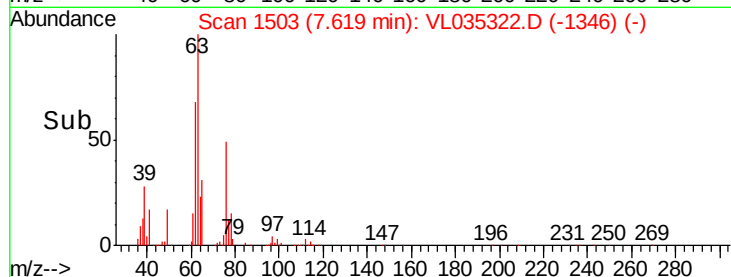
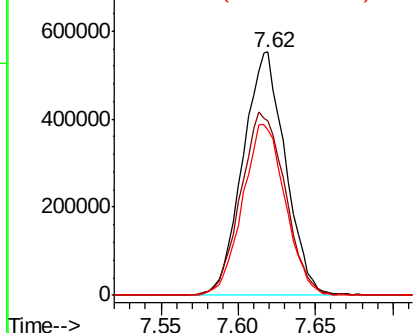
#39
 1,2-Dichloropropane
 Concen: 9.586 ppbv
 RT: 7.62 min Scan# 1503
 Delta R.T. 0.00 min
 Lab File: VL035322.D
 Acq: 3 Aug 2020 17:42

Instrument :
 MSVOA_L
 ClientSampleId :
 BFB

Tot Ion: 63 Resp: 1058279
 Ion Ratio Lower Upper
 63 100
 41 71.6 61.0 91.4
 62 67.9 55.8 83.8

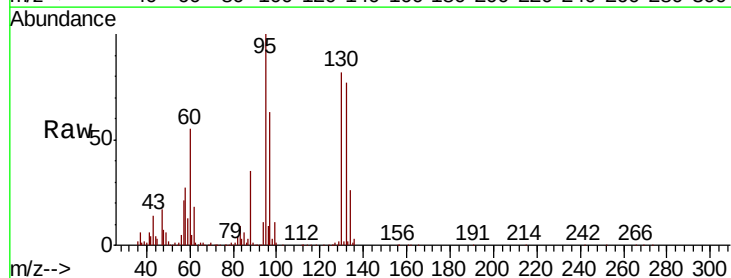


Abundance Ion 63.10 (62.80 to 63.80): VL0
 Ion 41.10 (40.80 to 41.80): VL0
 Ion 62.10 (61.80 to 62.80): VL0

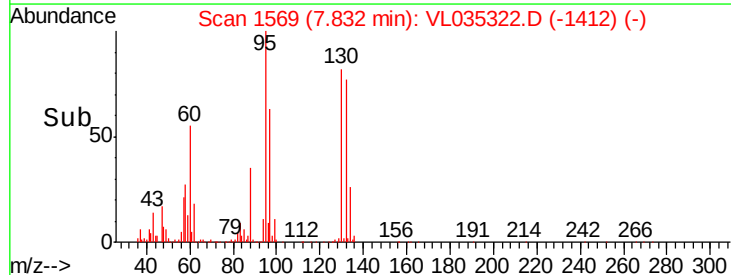
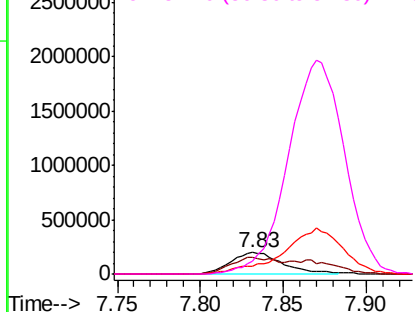


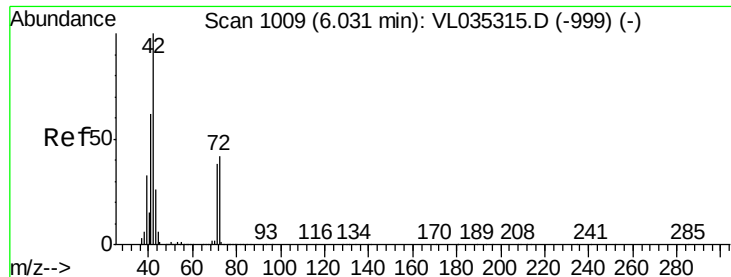
#40
 1,4-Dioxane
 Concen: 8.856 ppbv
 RT: 7.83 min Scan# 1569
 Delta R.T. 0.00 min
 Lab File: VL035322.D
 Acq: 3 Aug 2020 17:42

Tgt Ion: 88 Resp: 424602
 Ion Ratio Lower Upper
 88 100
 58 127.3 95.4 143.2
 43 248.9 172.7 259.1
 57 1095.3 759.0 1138.4



Abundance Ion 88.10 (87.80 to 88.80): VL0
 Ion 58.10 (57.80 to 58.80): VL0
 Ion 43.10 (42.80 to 43.80): VL0
 Ion 57.10 (56.80 to 57.80): VL0





#41

Tetrahydrofuran

Concen: 10.576 ppbv

RT: 6.03 min Scan# 1010

Delta R.T. 0.00 min

Lab File: VL035322.D

Acq: 3 Aug 2020 17:42

Instrument :

MSVOA_L

ClientSampleId :

BFB

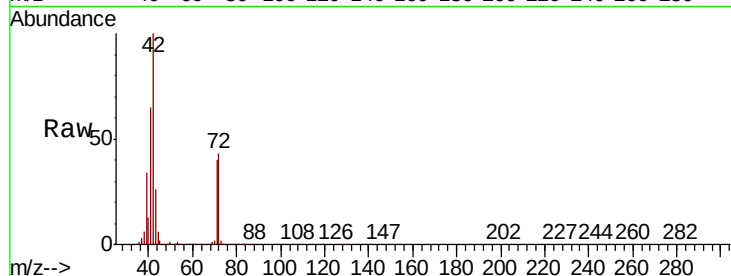
Tot Ion: 42 Resp: 1049430

Ion Ratio Lower Upper

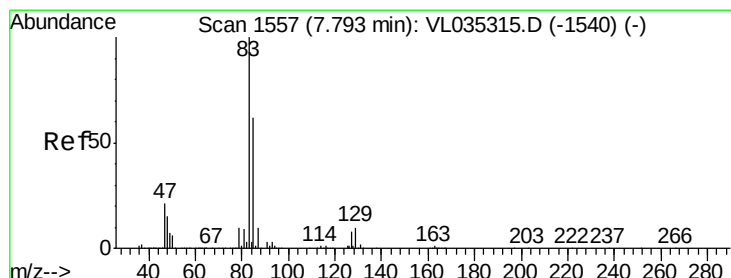
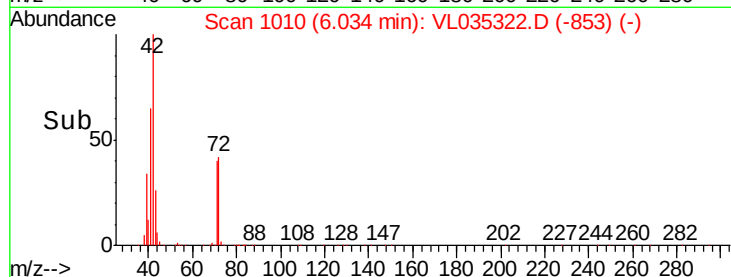
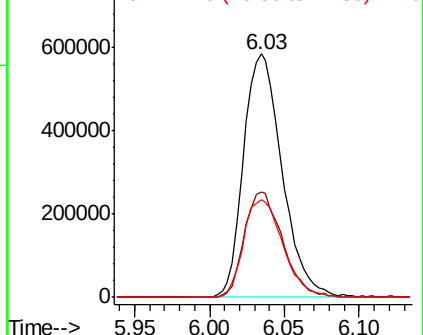
42 100

72 43.1 33.8 50.8

71 41.5 32.7 49.1



Abundance Ion 42.10 (41.80 to 42.80): VL0
Ion 72.10 (71.80 to 72.80): VL0
Ion 71.10 (70.80 to 71.80): VL0



#42

Bromodichloromethane

Concen: 9.135 ppbv

RT: 7.80 min Scan# 1558

Delta R.T. 0.00 min

Lab File: VL035322.D

Acq: 3 Aug 2020 17:42

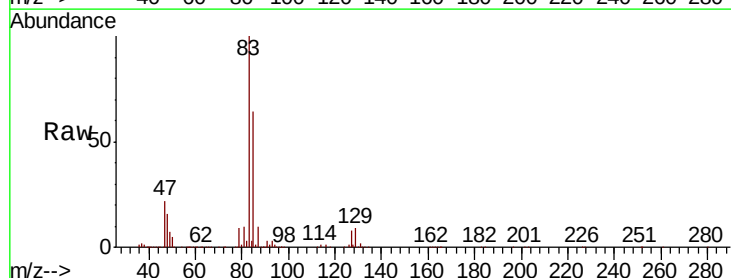
Tgt Ion: 83 Resp: 2364954

Ion Ratio Lower Upper

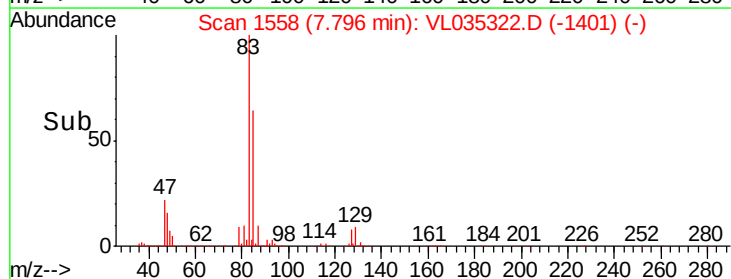
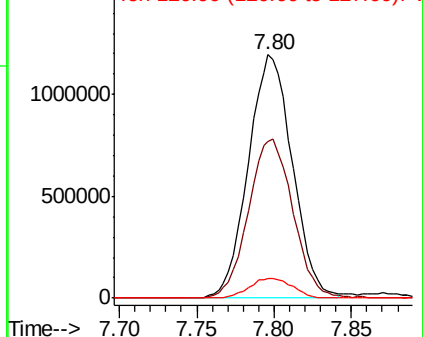
83 100

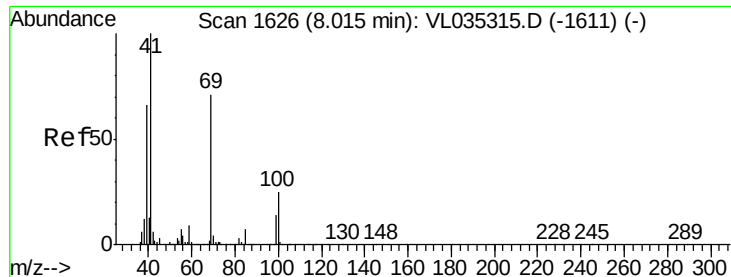
85 64.2 49.9 74.9

127 8.2 6.6 10.0



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

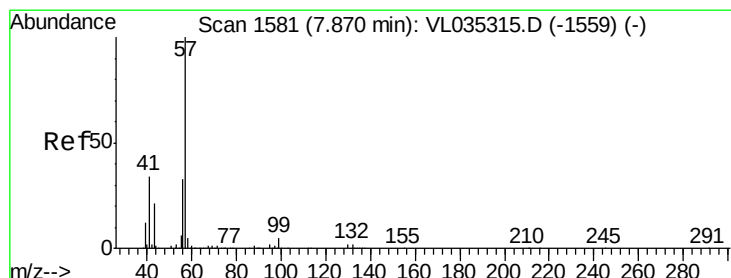
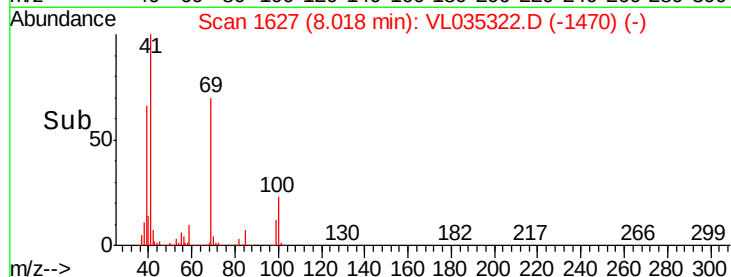
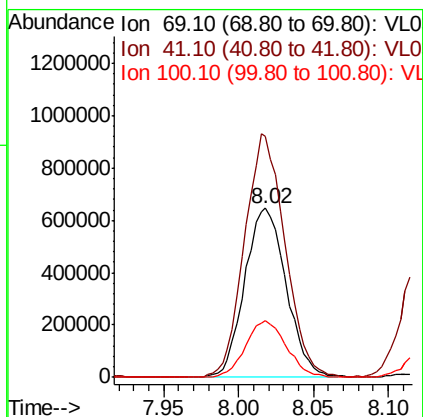
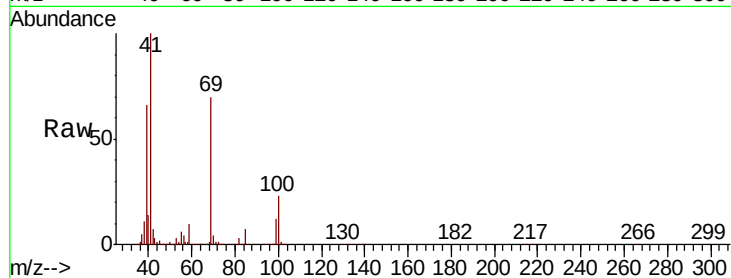




#43
Methyl Methacrylate
Concen: 10.677 ppbv
RT: 8.02 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VL035322.D
Acq: 3 Aug 2020 17:42

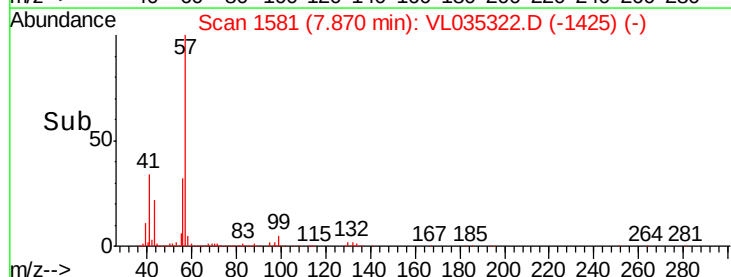
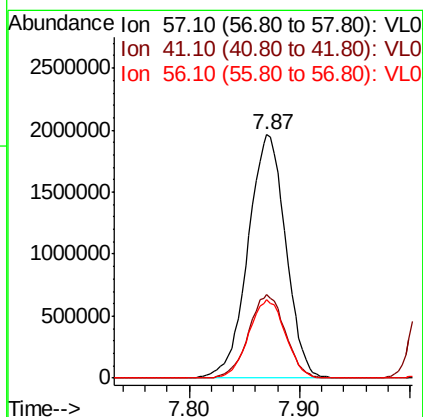
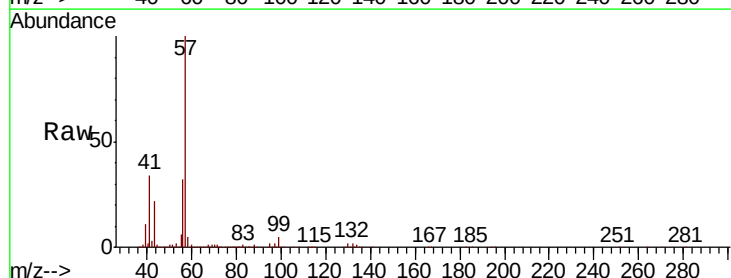
Instrument :
MSVOA_L
ClientSampleId :
BFB

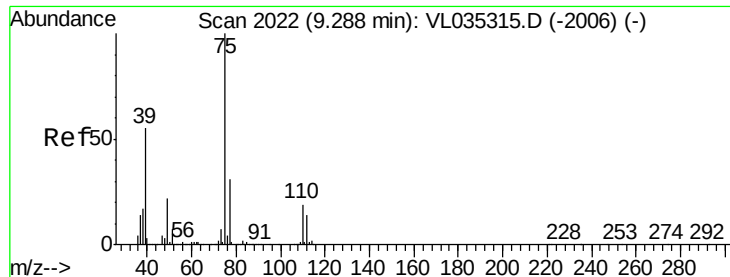
Tot Ion: 69 Resp: 1249584
Ion Ratio Lower Upper
69 100
41 140.1 110.9 166.3
100 32.9 26.0 39.0



#44
2,2,4-Trimethylpentane
Concen: 9.657 ppbv
RT: 7.87 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VL035322.D
Acq: 3 Aug 2020 17:42

Tgt Ion: 57 Resp: 4634008
Ion Ratio Lower Upper
57 100
41 33.3 26.7 40.1
56 31.5 25.4 38.0

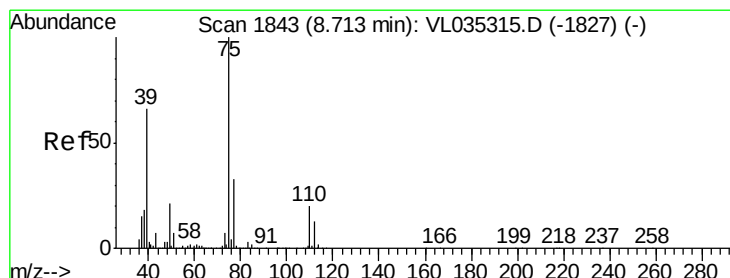
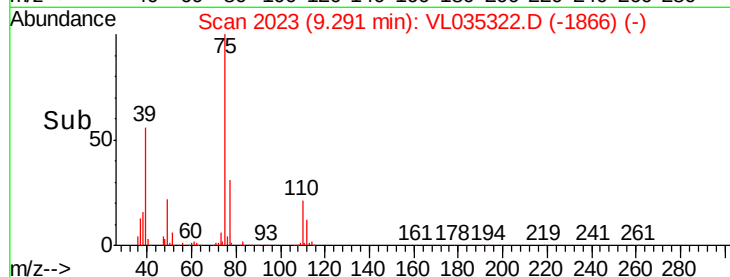
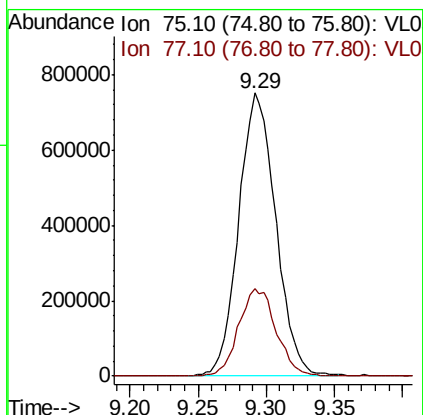
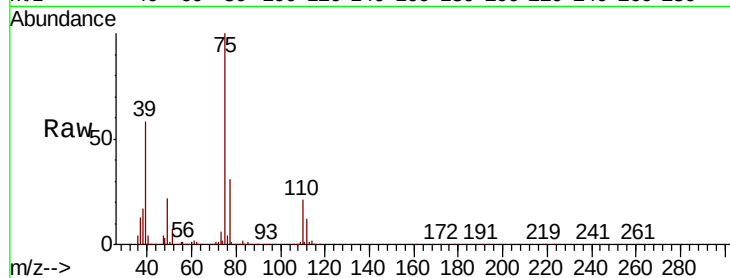




#45
 t-1,3-Dichloropropene
 Concen: 11.331 ppbv
 RT: 9.29 min Scan# 2023
 Delta R.T. 0.00 min
 Lab File: VL035322.D
 Acq: 3 Aug 2020 17:42

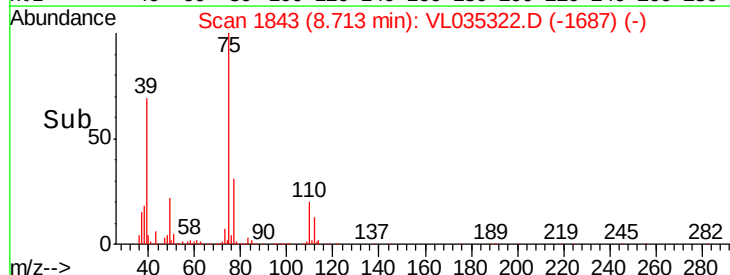
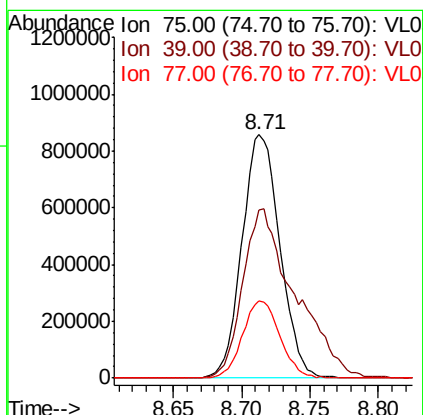
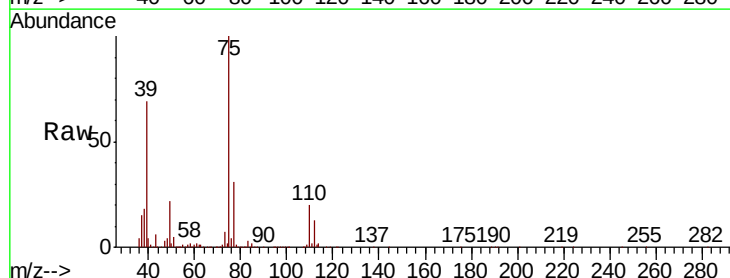
Instrument :
 MSVOA_L
 ClientSampleId :
 BFB

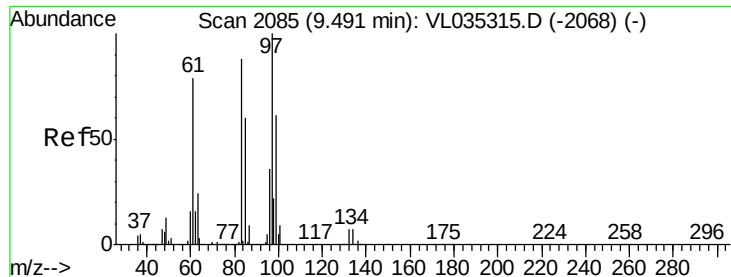
Tot Ion: 75 Resp: 1415573
 Ion Ratio Lower Upper
 75 100
 77 31.0 24.6 37.0



#46
 cis-1,3-Dichloropropene
 Concen: 11.067 ppbv
 RT: 8.71 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VL035322.D
 Acq: 3 Aug 2020 17:42

Tgt Ion: 75 Resp: 1655281
 Ion Ratio Lower Upper
 75 100
 39 68.8 52.6 79.0
 77 31.4 26.5 39.7



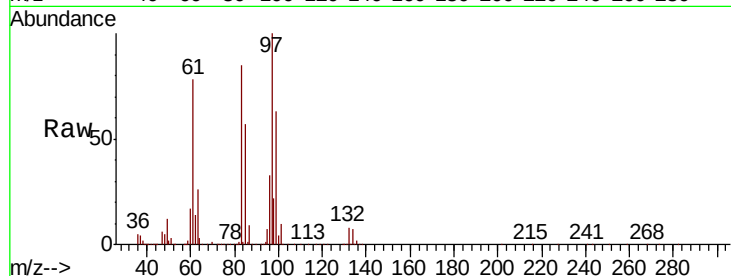


#47
 1,1,2-Trichloroethane
 Concen: 9.185 ppbv
 RT: 9.49 min Scan# 2086
 Delta R.T. 0.00 min
 Lab File: VL035322.D
 Acq: 3 Aug 2020 17:42

Instrument :
 MSVOA_L
 ClientSampleId :
 BFB

Tot Ion: 97 Resp: 1176866

Ion	Ratio	Lower	Upper
97	100		
83	85.2	70.6	105.8
85	57.4	47.8	71.8
99	62.6	49.0	73.6



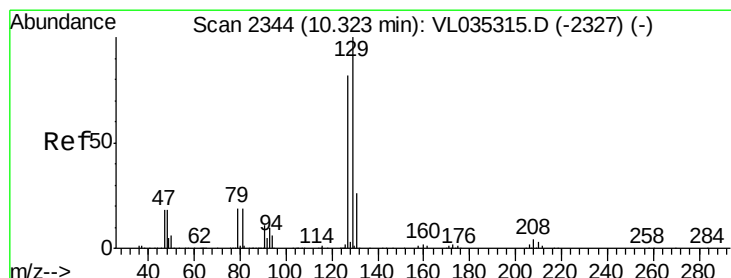
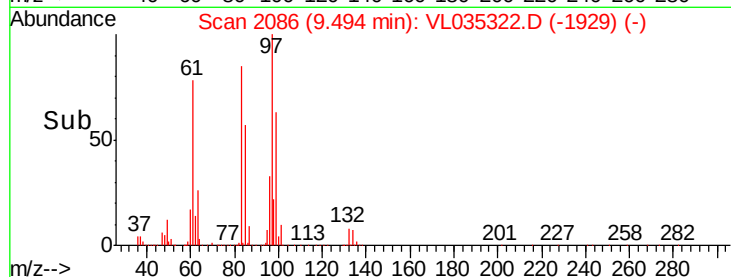
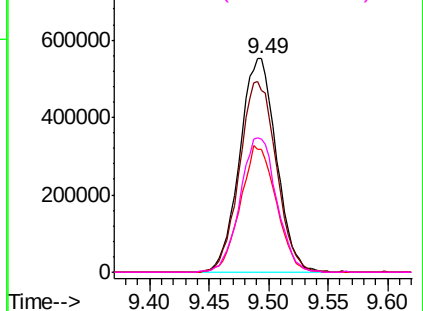
Abundance

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

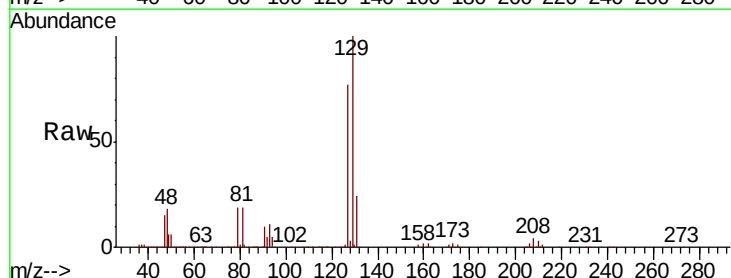
Ion 99.00 (98.70 to 99.70): VL0



#48
 Dibromochloromethane
 Concen: 9.657 ppbv
 RT: 10.32 min Scan# 2344
 Delta R.T. 0.00 min
 Lab File: VL035322.D
 Acq: 3 Aug 2020 17:42

Tgt Ion: 129 Resp: 2013261

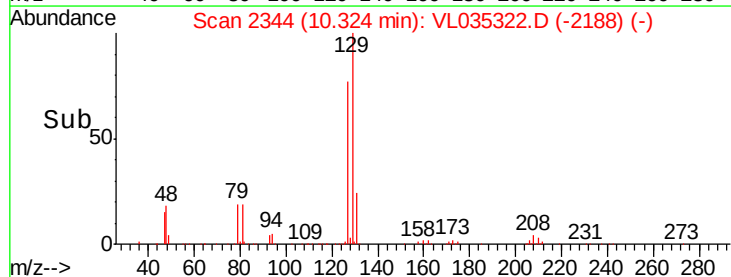
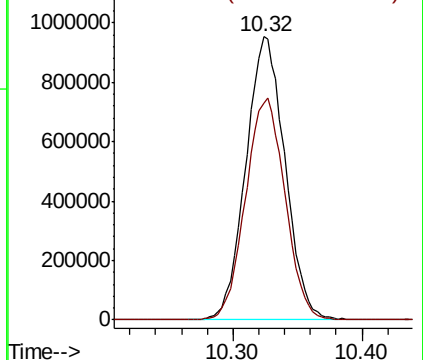
Ion	Ratio	Lower	Upper
129	100		
127	79.3	39.0	117.0

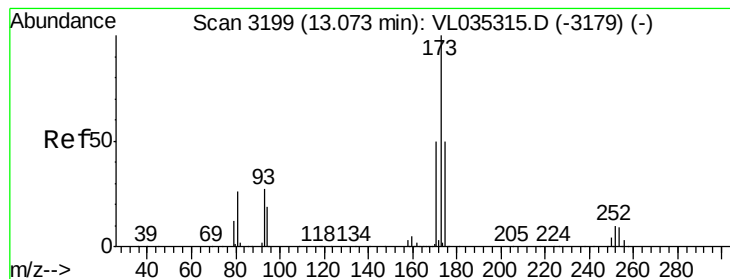


Abundance

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V





#49

Bromoform

Concen: 9.905 ppbv

RT: 13.07 min Scan# 3199

Delta R.T. 0.00 min

Lab File: VL035322.D

Acq: 3 Aug 2020 17:42

Instrument :

MSVOA_L

ClientSampleId :

BFB

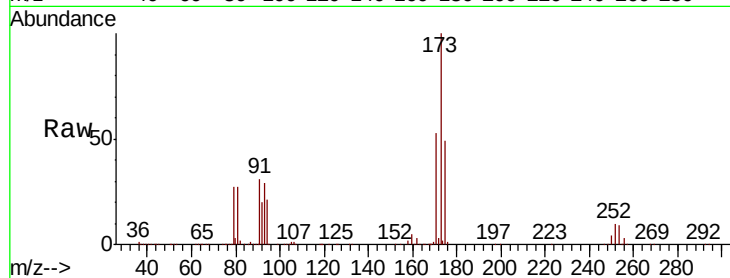
Tot Ion:173 Resp: 1798589

Ion Ratio Lower Upper

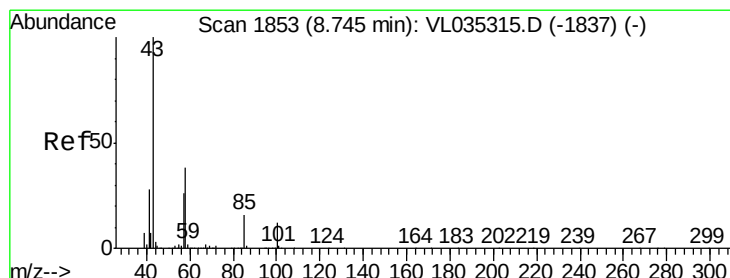
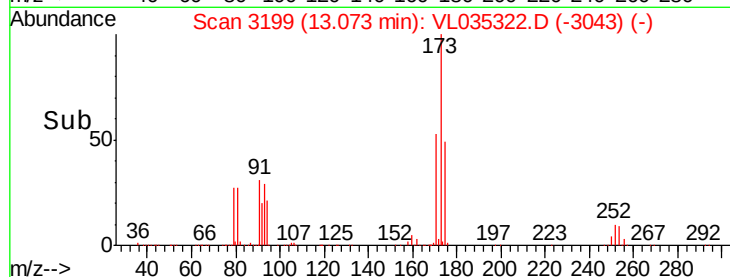
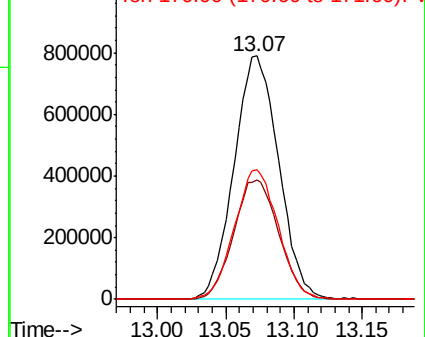
173 100

175 49.6 39.8 59.6

171 52.5 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: 9.896 ppbv

RT: 8.74 min Scan# 1853

Delta R.T. 0.00 min

Lab File: VL035322.D

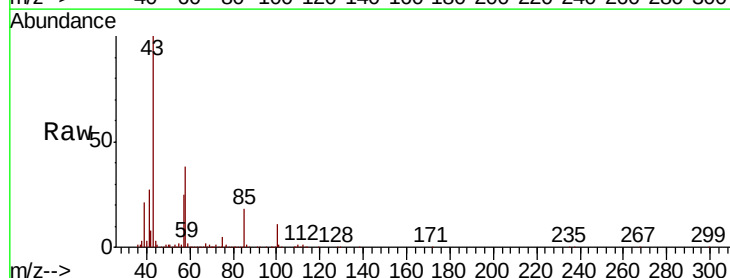
Acq: 3 Aug 2020 17:42

Tgt Ion: 43 Resp: 2811562

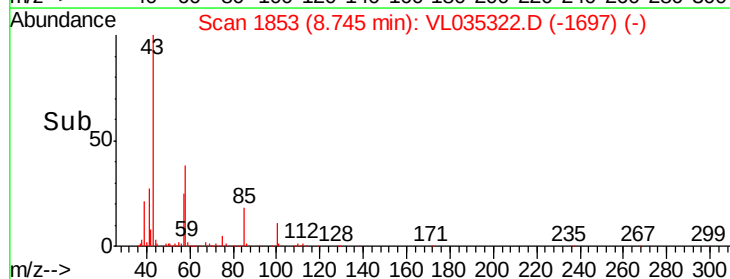
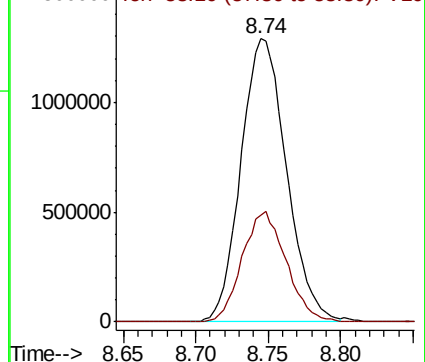
Ion Ratio Lower Upper

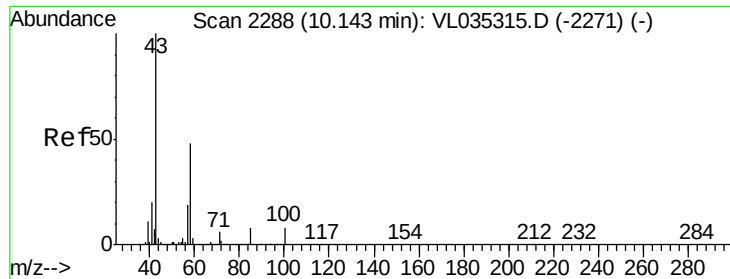
43 100

58 37.9 29.8 44.6



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

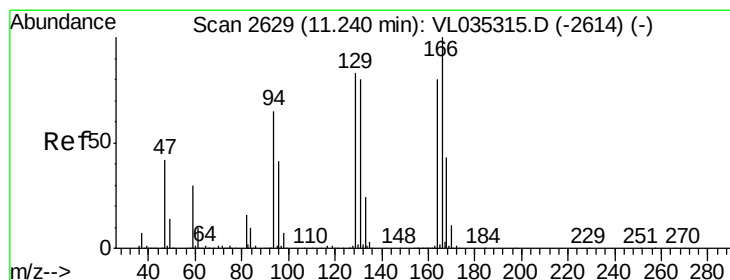
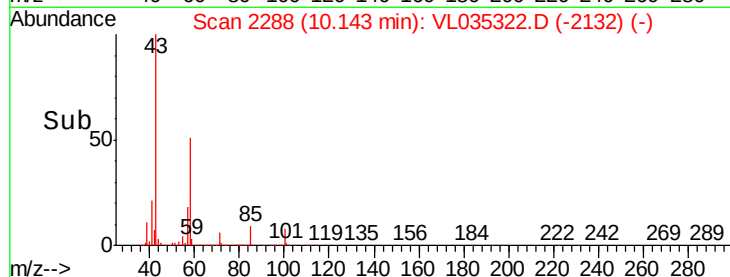
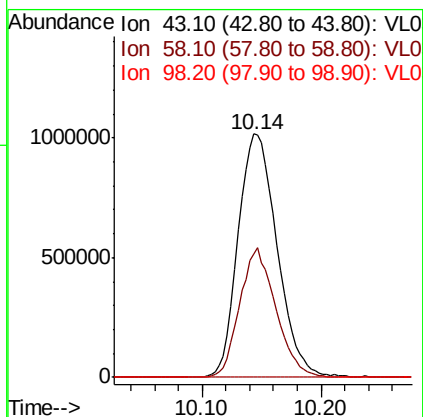
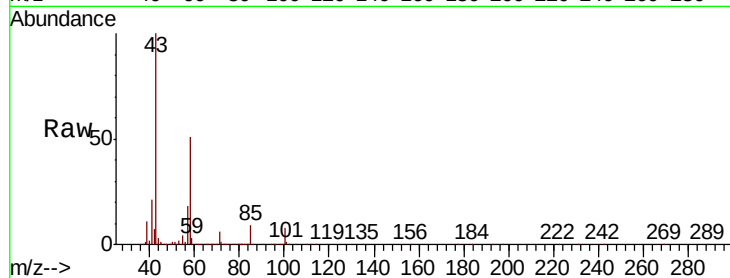




#51
2-Hexanone
Concen: 10.505 ppbv
RT: 10.14 min Scan# 2288
Delta R.T. 0.00 min
Lab File: VL035322.D
Acq: 3 Aug 2020 17:42

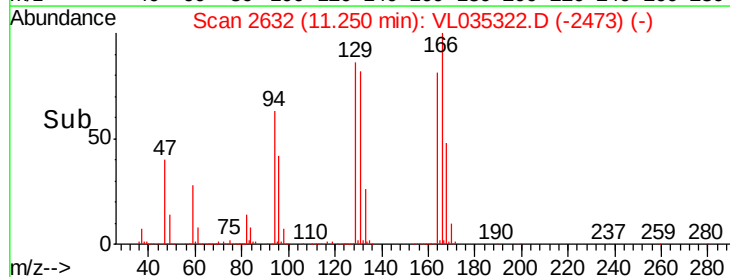
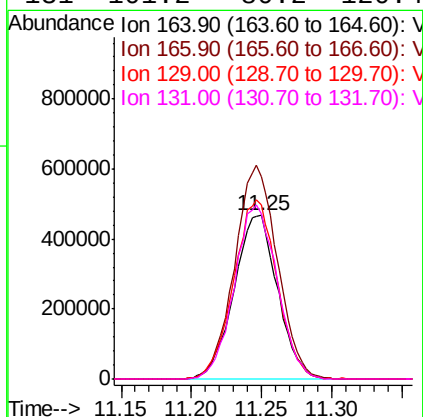
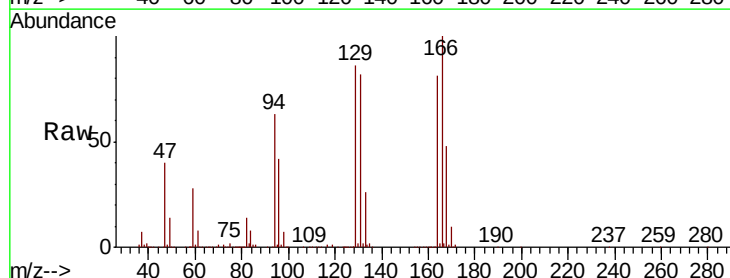
Instrument :
MSVOA_L
ClientSampled :
BFB

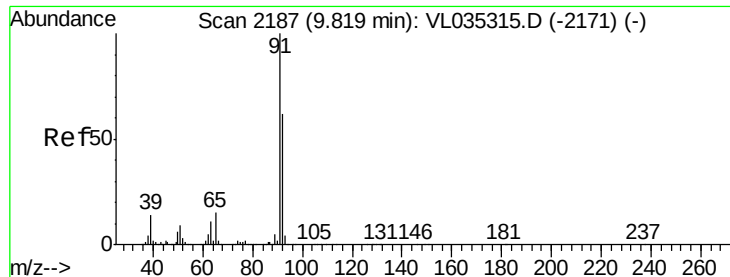
Tot Ion: 43 Resp: 2309307
Ion Ratio Lower Upper
43 100
58 49.3 39.8 59.6
98 0.4 0.3 0.5



#52
Tetrachloroethene
Concen: 10.188 ppbv
RT: 11.25 min Scan# 2632
Delta R.T. 0.01 min
Lab File: VL035322.D
Acq: 3 Aug 2020 17:42

Tgt Ion: 164 Resp: 1005397
Ion Ratio Lower Upper
164 100
166 124.2 100.2 150.2
129 106.1 82.7 124.1
131 101.2 80.2 120.4





#53

Toluene

Concen: 10.819 ppbv

RT: 9.82 min Scan# 2188

Delta R.T. 0.00 min

Lab File: VL035322.D

Acq: 3 Aug 2020 17:42

Instrument :

MSVOA_L

ClientSampleId :

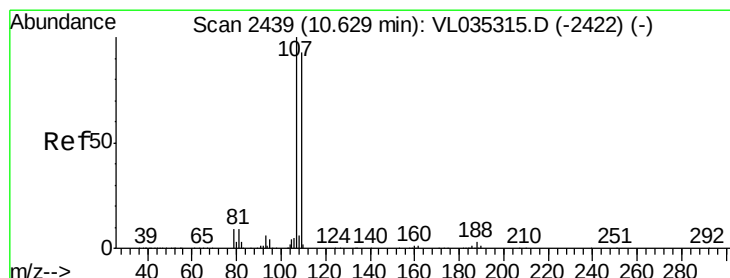
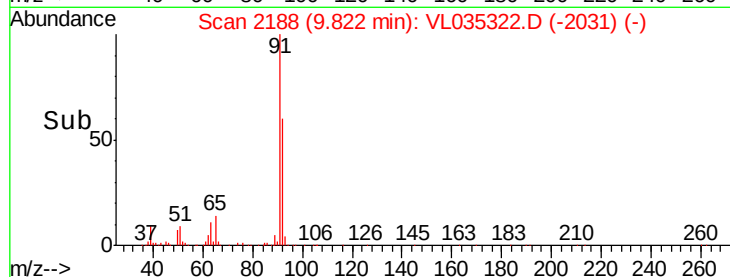
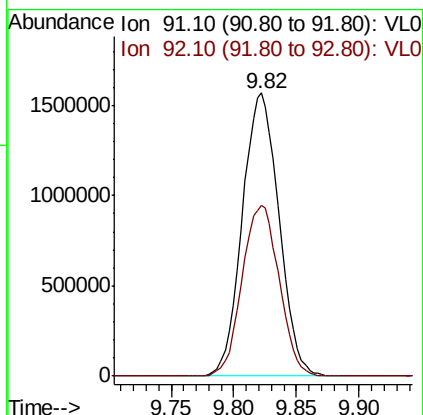
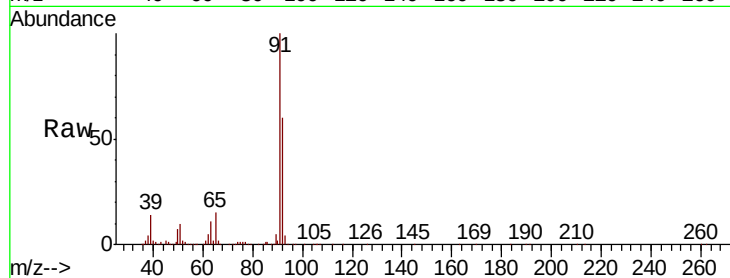
BFB

Tot Ion: 91 Resp: 3186940

Ion Ratio Lower Upper

91 100

92 61.0 48.7 73.1



#54

1,2-Dibromoethane

Concen: 9.527 ppbv

RT: 10.63 min Scan# 2440

Delta R.T. 0.00 min

Lab File: VL035322.D

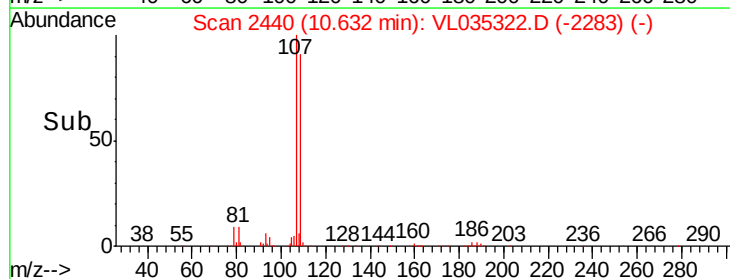
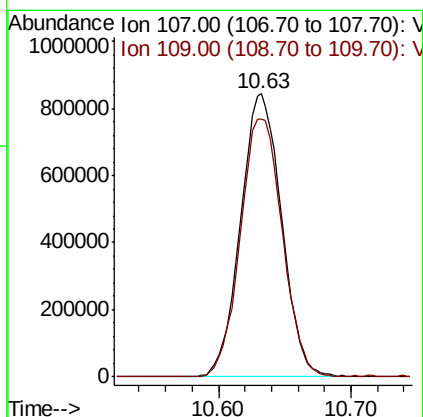
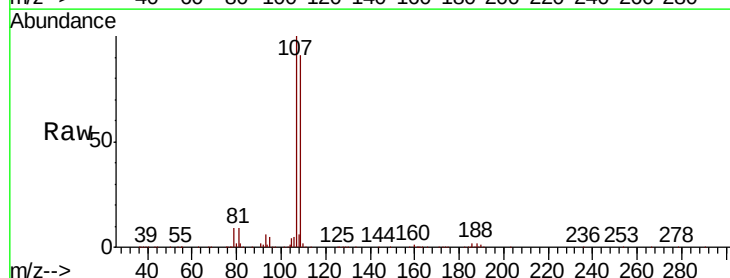
Acq: 3 Aug 2020 17:42

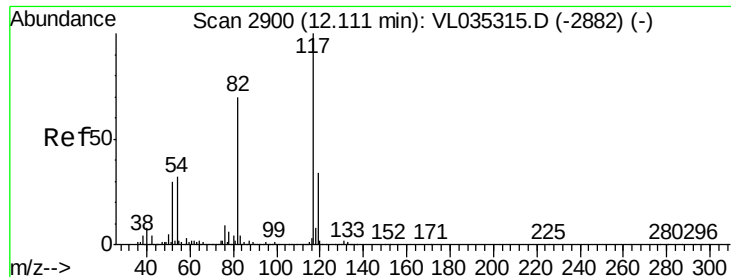
Tgt Ion:107 Resp: 1807057

Ion Ratio Lower Upper

107 100

109 91.2 74.4 111.6





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.11 min Scan# 2900

Delta R.T. 0.00 min

Lab File: VL035322.D

Acq: 3 Aug 2020 17:42

Instrument :

MSVOA_L

ClientSampleId :

BFB

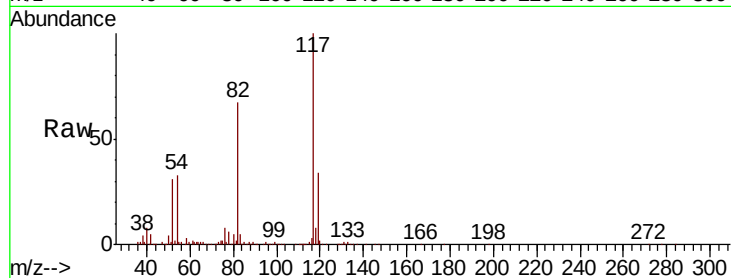
Tot Ion:117 Resp: 3894319

Ion Ratio Lower Upper

117 100

82 64.2 50.6 76.0

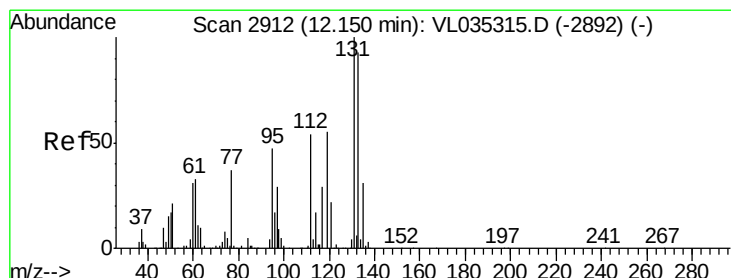
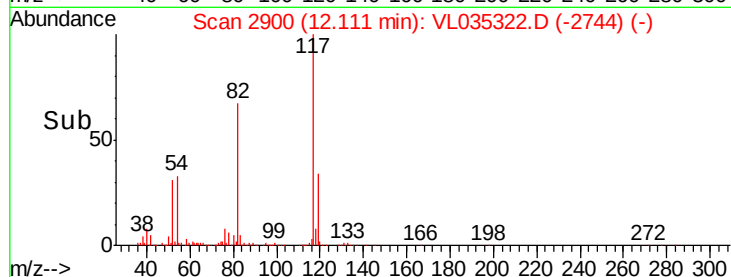
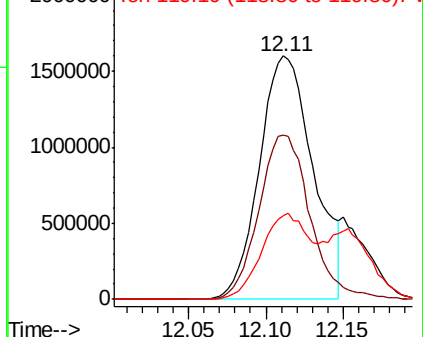
119 31.6 24.1 36.1



Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V



#56

1,1,1,2-Tetrachloroethane

Concen: 8.379 ppbv

RT: 12.16 min Scan# 2914

Delta R.T. 0.01 min

Lab File: VL035322.D

Acq: 3 Aug 2020 17:42

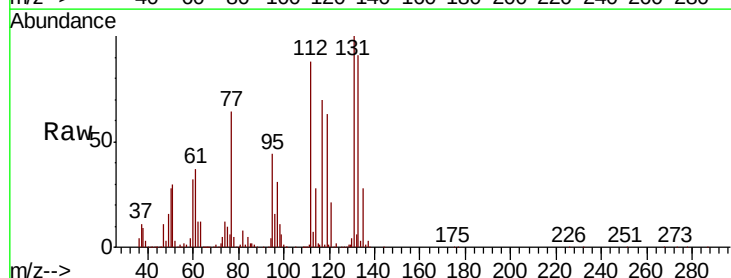
Tgt Ion:131 Resp: 1531395

Ion Ratio Lower Upper

131 100

133 95.1 75.5 113.3

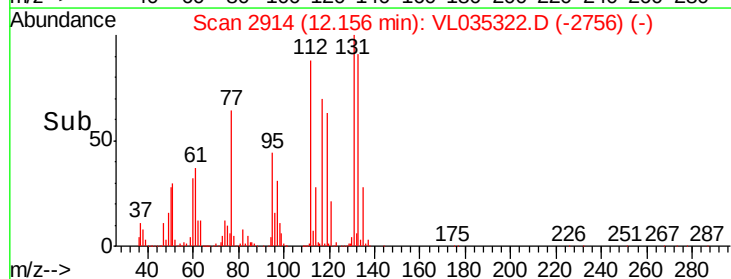
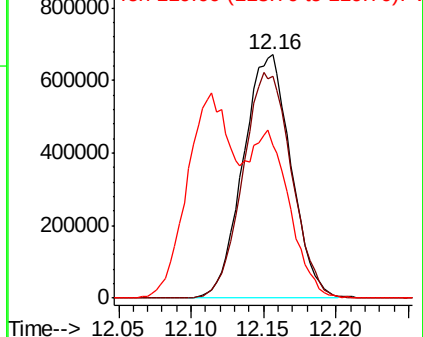
119 51.3 53.1 79.7#

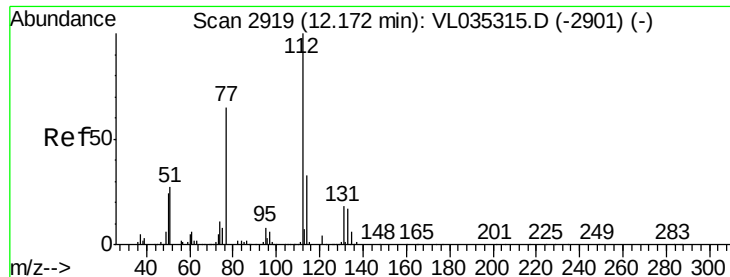


Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V

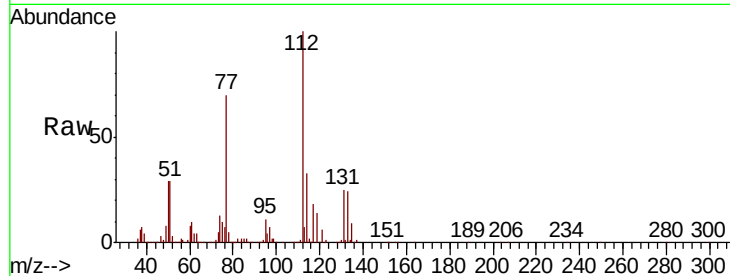




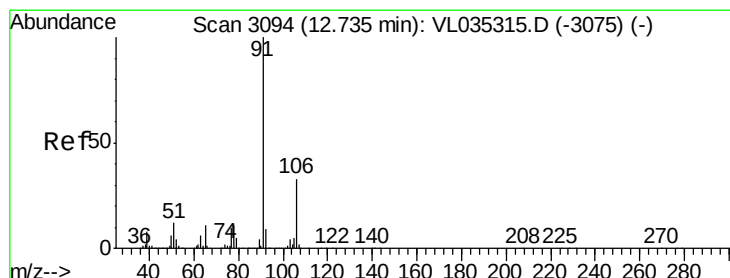
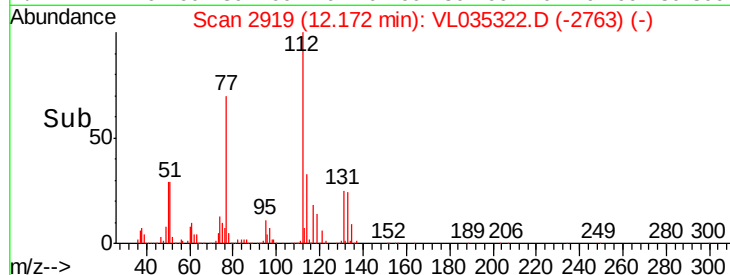
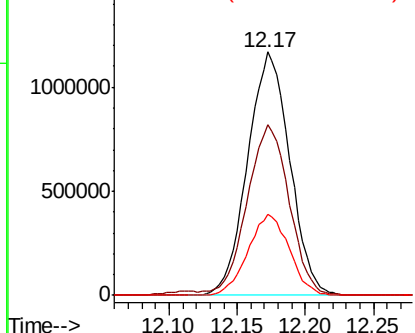
#57
Chlorobenzene
Concen: 8.393 ppbv
RT: 12.17 min Scan# 2919
Delta R.T. 0.00 min
Lab File: VL035322.D
Acq: 3 Aug 2020 17:42

Instrument :
MSVOA_L
ClientSampleId :
BFB

Tot Ion:112 Resp: 2501588
Ion Ratio Lower Upper
112 100
77 69.4 53.0 79.6
114 33.0 30.0 36.6

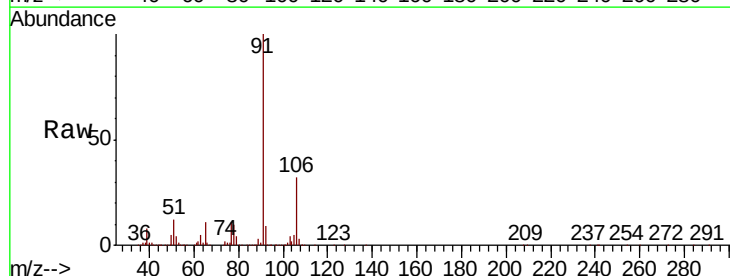


Abundance Ion 112.10 (111.80 to 112.80): V
Ion 77.10 (76.80 to 77.80): VL0
Ion 114.10 (113.80 to 114.80): V

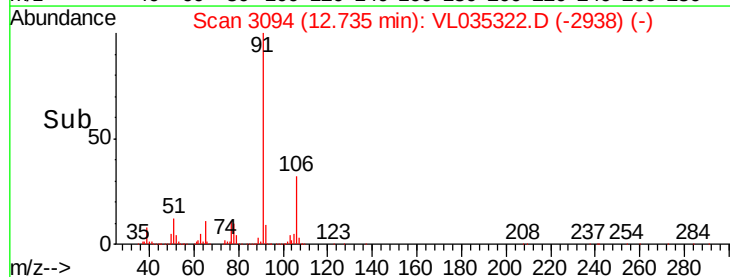
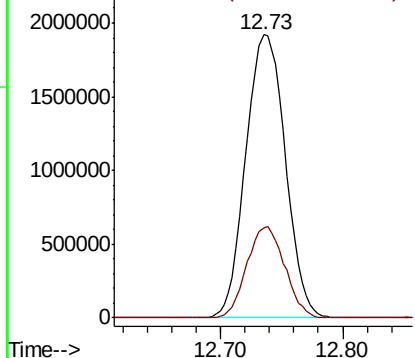


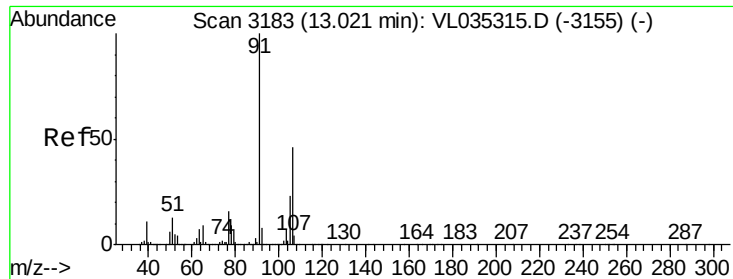
#58
Ethyl Benzene
Concen: 10.099 ppbv
RT: 12.73 min Scan# 3094
Delta R.T. 0.00 min
Lab File: VL035322.D
Acq: 3 Aug 2020 17:42

Tgt Ion: 91 Resp: 4308843
Ion Ratio Lower Upper
91 100
106 31.6 26.3 39.5



Abundance Ion 91.10 (90.80 to 91.80): VL0
Ion 106.10 (105.80 to 106.80): V

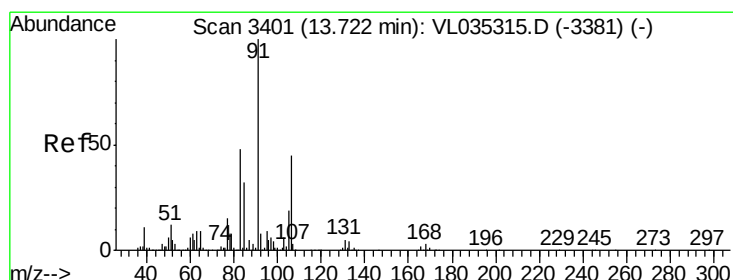
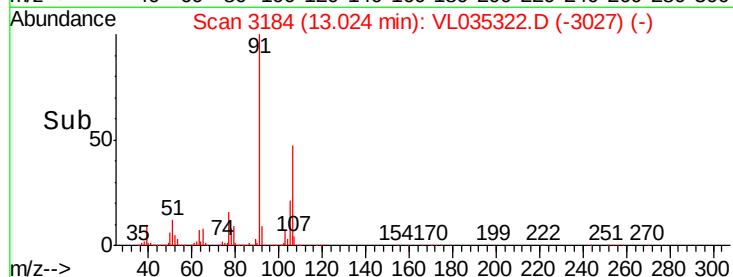
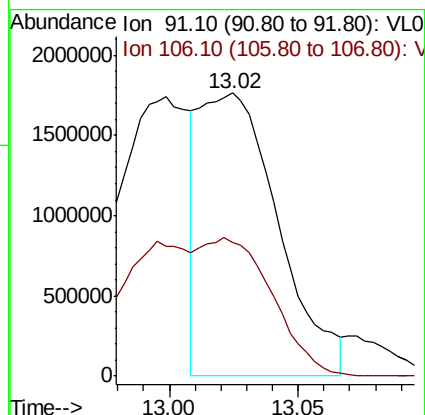
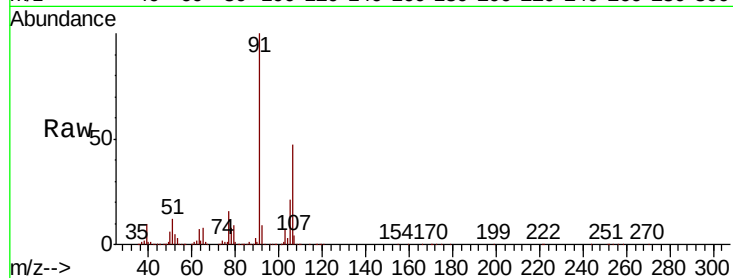




#59
m/p-Xylene
Concen: 9.438 ppbv
RT: 13.02 min Scan# 3184
Delta R.T. 0.00 min
Lab File: VL035322.D
Acq: 3 Aug 2020 17:42

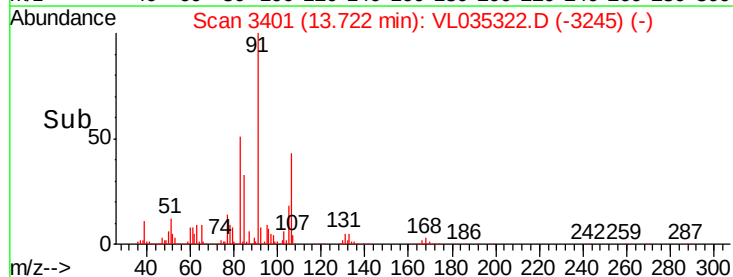
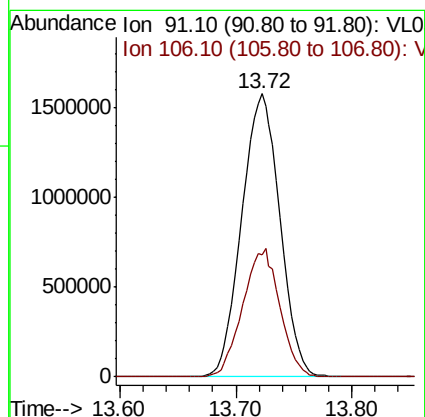
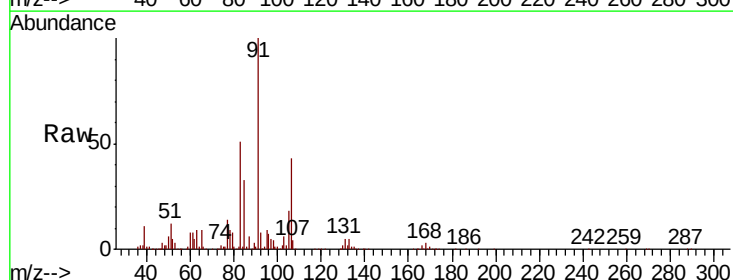
Instrument :
MSVOA_L
ClientSampled :
BFB

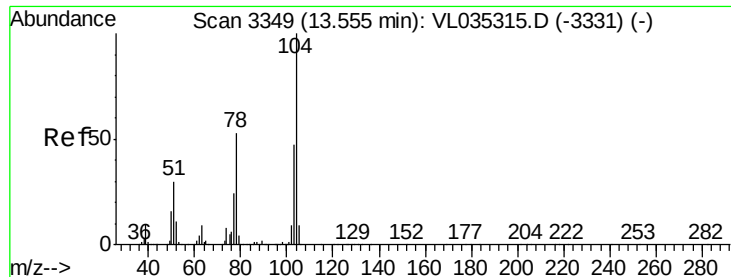
Tot Ion: 91 Resp: 3715689
Ion Ratio Lower Upper
91 100
106 89.3 36.6 55.0#



#60
o-Xylene
Concen: 9.266 ppbv
RT: 13.72 min Scan# 3401
Delta R.T. 0.00 min
Lab File: VL035322.D
Acq: 3 Aug 2020 17:42

Tgt Ion: 91 Resp: 3606333
Ion Ratio Lower Upper
91 100
106 43.9 22.4 67.3





#61

Stvrene

Concen: 10.623 ppbv

RT: 13.56 min Scan# 3350

Delta R.T. 0.00 min

Lab File: VL035322.D

Acq: 3 Aug 2020 17:42

Instrument :

MSVOA_L

ClientSampled :

BFB

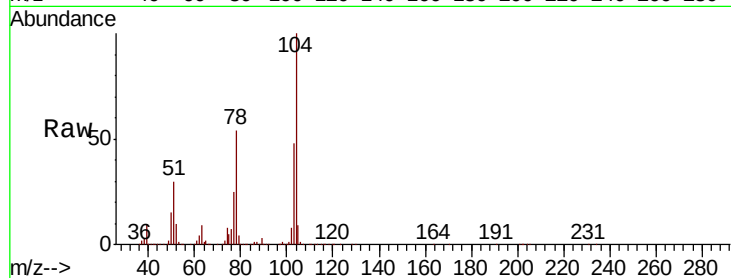
Tot Ion:104 Resp: 2542182

Ion Ratio Lower Upper

104 100

78 54.2 43.1 64.7

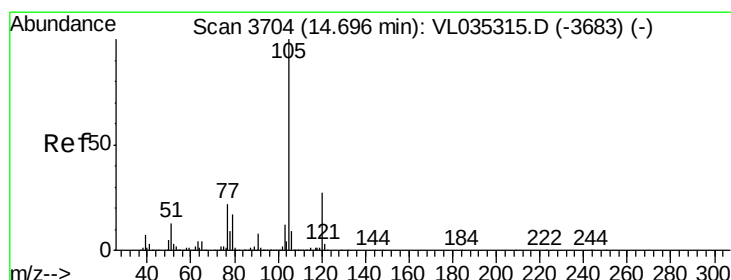
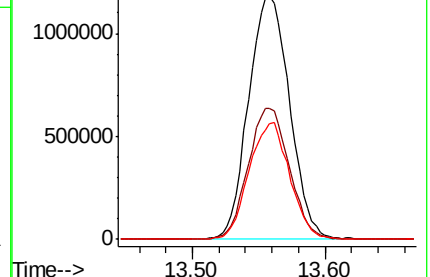
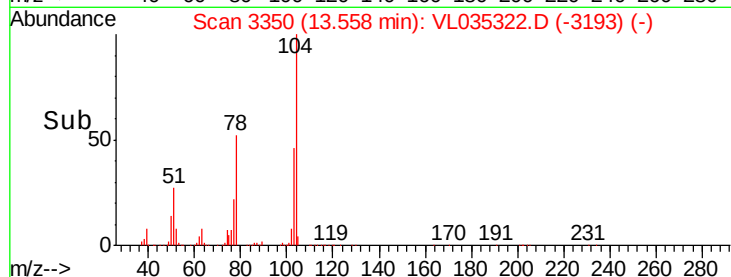
103 47.8 37.6 56.4



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VL0

Ion 103.10 (102.80 to 103.80): V



#62

Isopropylbenzene

Concen: 9.044 ppbv

RT: 14.70 min Scan# 3704

Delta R.T. 0.00 min

Lab File: VL035322.D

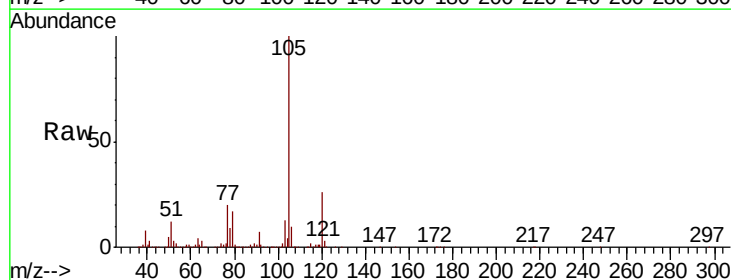
Acq: 3 Aug 2020 17:42

Tgt Ion:105 Resp: 5310002

Ion Ratio Lower Upper

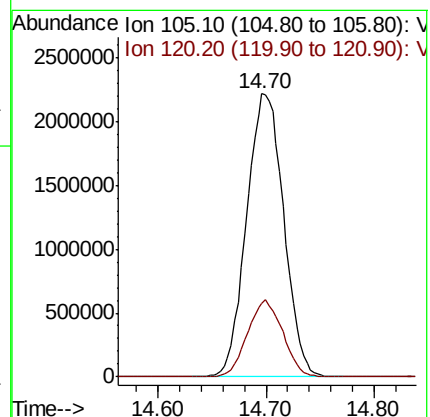
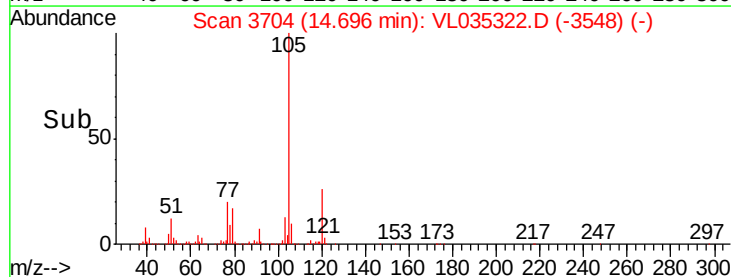
105 100

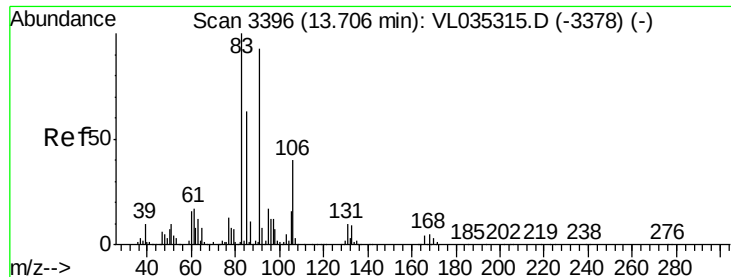
120 25.8 21.0 31.4



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V





#63

1,1,2,2-Tetrachloroethane

Concen: 8.613 ppbv

RT: 13.71 min Scan# 3398

Delta R.T. 0.01 min

Lab File: VL035322.D

Acq: 3 Aug 2020 17:42

Instrument :

MSVOA_L

ClientSampled :

BFB

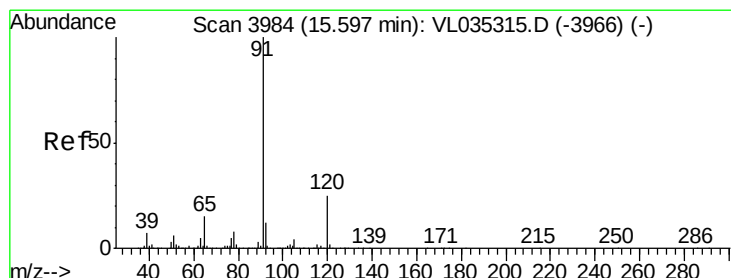
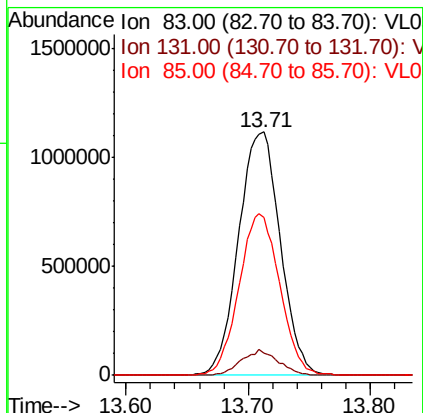
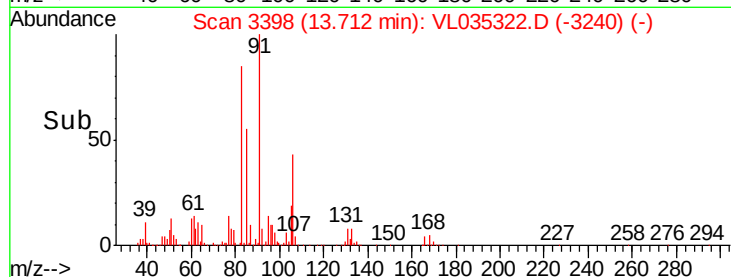
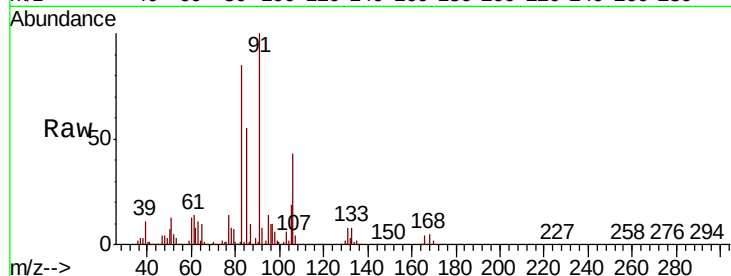
Tot Ion: 83 Resp: 2629640

Ion Ratio Lower Upper

83 100

131 9.4 4.6 13.8

85 65.1 32.6 97.7



#64

n-propylbenzene

Concen: 9.300 ppbv

RT: 15.59 min Scan# 3983

Delta R.T. -0.00 min

Lab File: VL035322.D

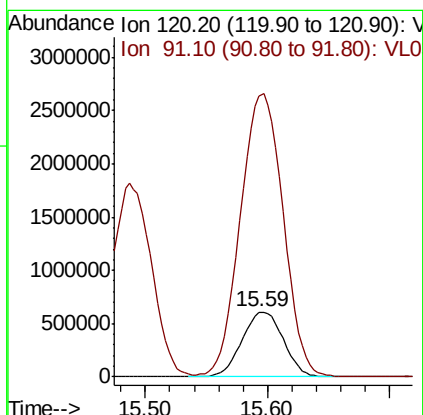
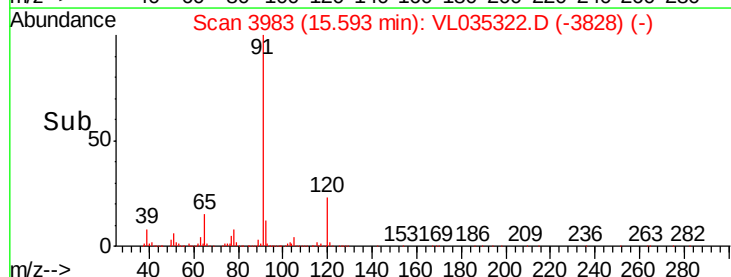
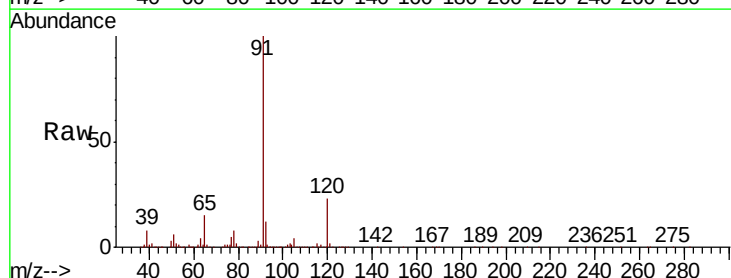
Acq: 3 Aug 2020 17:42

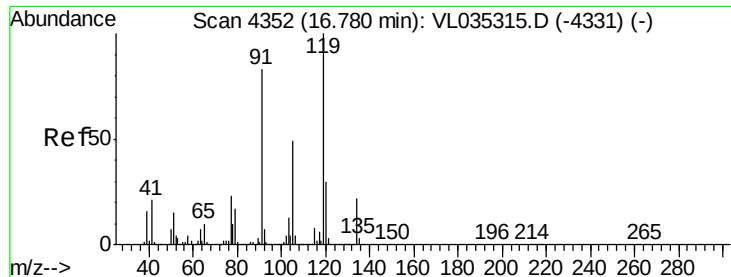
Tgt Ion: 120 Resp: 1428347

Ion Ratio Lower Upper

120 100

91 450.6 359.3 538.9

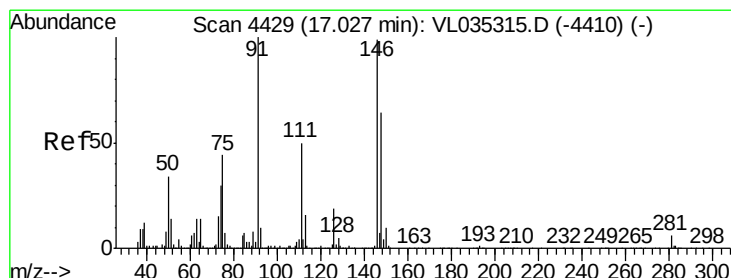
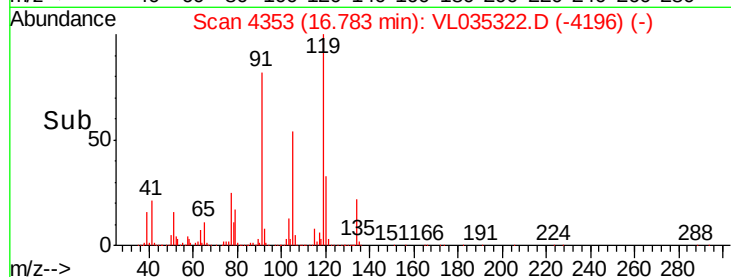
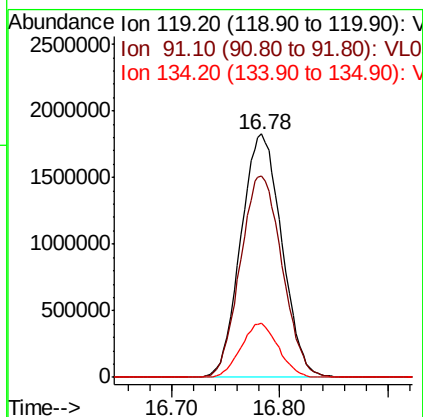
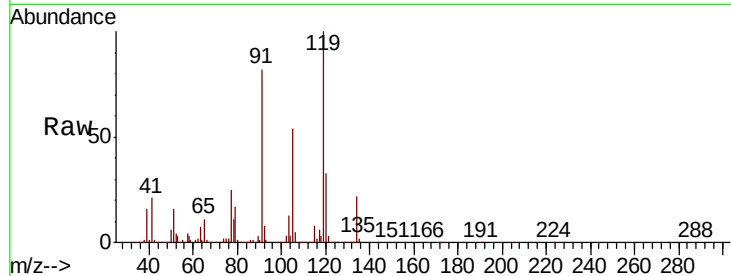




#65
tert-Butylbenzene
Concen: 9.143 ppbv
RT: 16.78 min Scan# 4353
Delta R.T. 0.00 min
Lab File: VL035322.D
Acq: 3 Aug 2020 17:42

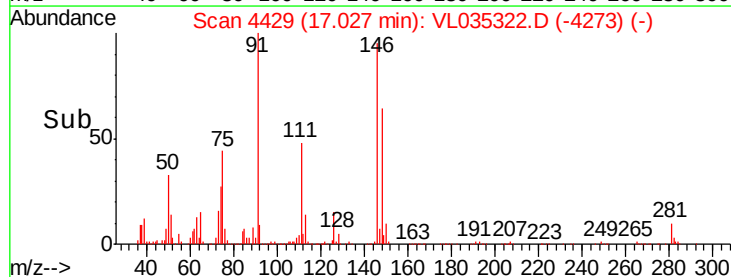
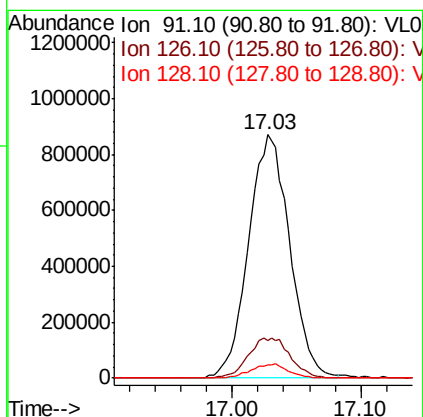
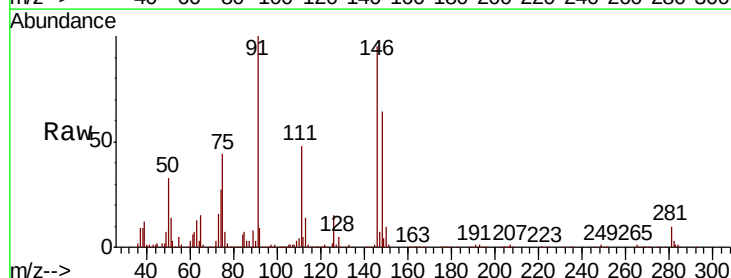
Instrument :
MSVOA_L
ClientSampleId :
BFB

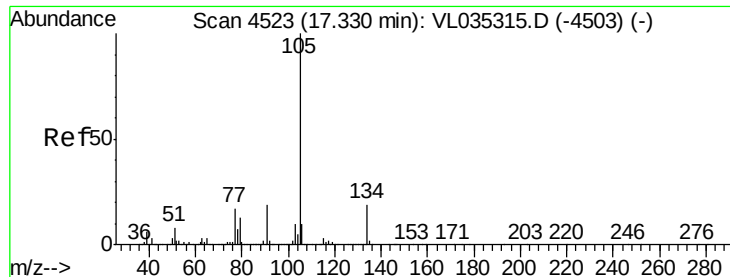
Tot Ion: 119 Resp: 4807137
Ion Ratio Lower Upper
119 100
91 85.0 67.8 101.8
134 20.4 16.1 24.1



#66
Benzyl Chloride
Concen: 9.524 ppbv
RT: 17.03 min Scan# 4429
Delta R.T. 0.00 min
Lab File: VL035322.D
Acq: 3 Aug 2020 17:42

Tgt Ion: 91 Resp: 1935921
Ion Ratio Lower Upper
91 100
126 16.9 13.8 20.8
128 5.3 4.2 6.4





#67

sec-Butylbenzene

Concen: 8.988 ppbv

RT: 17.33 min Scan# 4524

Delta R.T. 0.00 min

Lab File: VL035322.D

Acq: 3 Aug 2020 17:42

Instrument :

MSVOA_L

ClientSampleId :

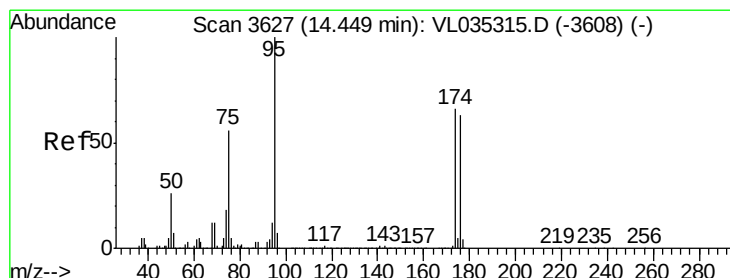
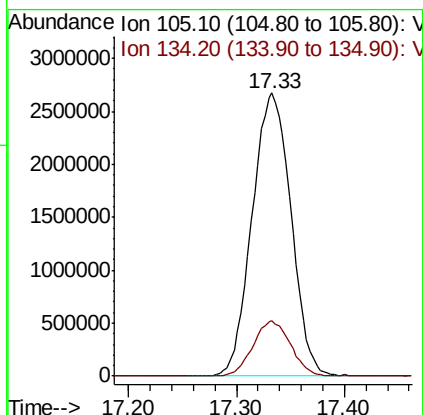
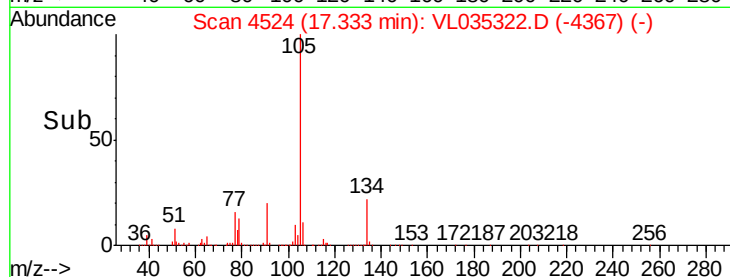
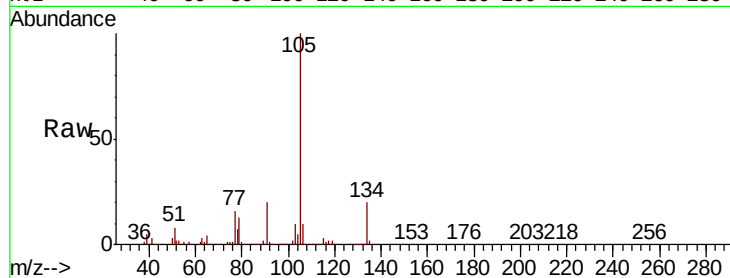
BFB

Tot Ion:105 Resp: 6681497

Ion Ratio Lower Upper

105 100

134 18.9 15.1 22.7



#68

1-Bromo-4-Fluorobenzene

Concen: 9.517 ppbv

RT: 14.45 min Scan# 3627

Delta R.T. 0.00 min

Lab File: VL035322.D

Acq: 3 Aug 2020 17:42

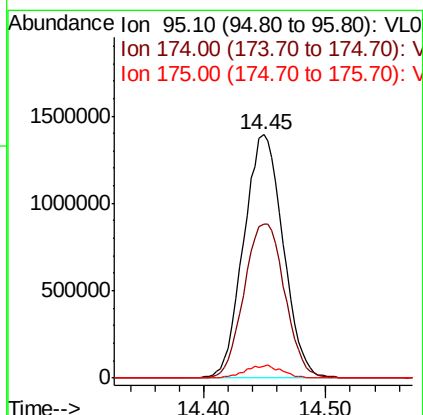
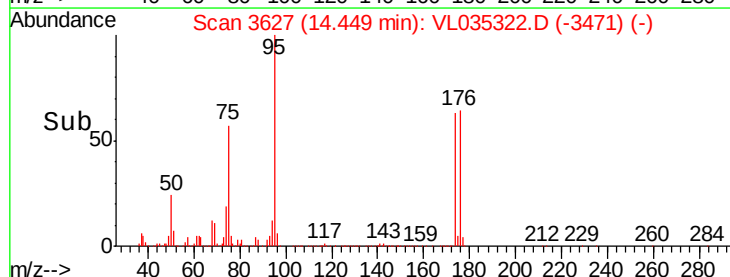
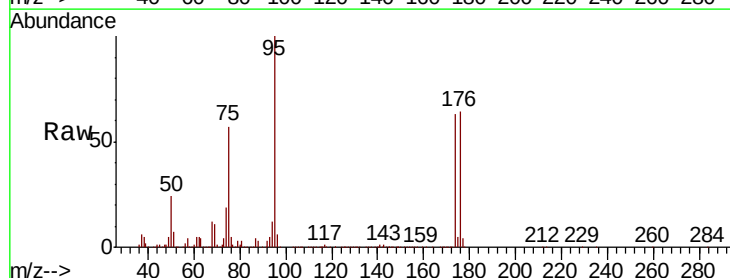
Tgt Ion: 95 Resp: 3104498

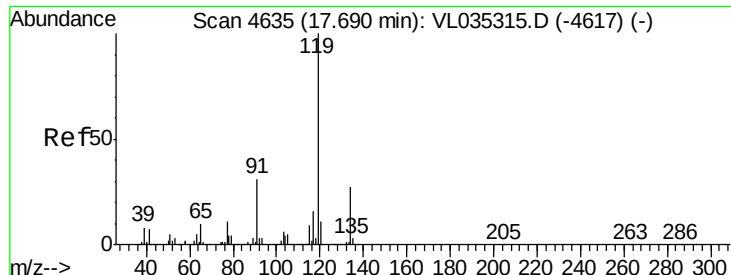
Ion Ratio Lower Upper

95 100

174 65.7 52.5 78.7

175 5.0 3.9 5.9

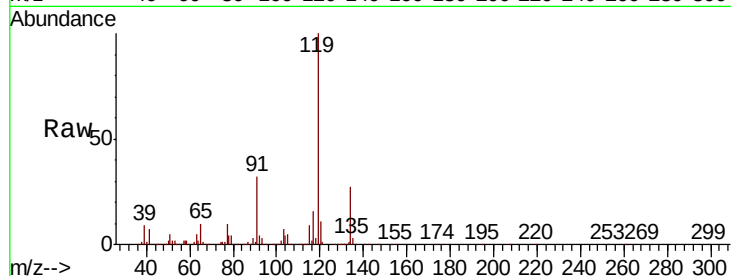




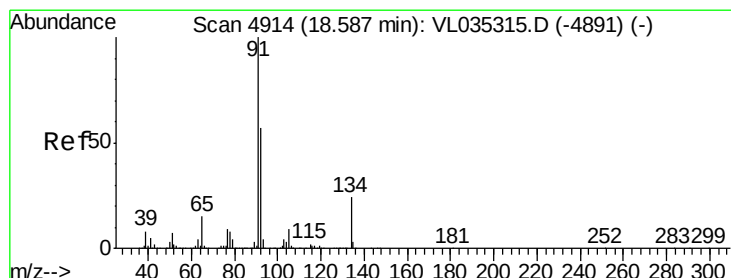
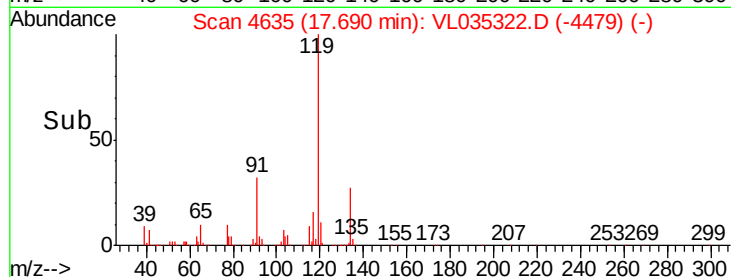
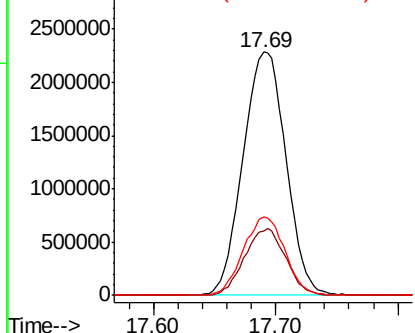
#69
 p-Isopropyltoluene
 Concen: 9.030 ppbv
 RT: 17.69 min Scan# 4635
 Delta R.T. 0.00 min
 Lab File: VL035322.D
 Acq: 3 Aug 2020 17:42

Instrument :
 MSVOA_L
 ClientSampleId :
 BFB

Tot Ion:119 Resp: 5553184
 Ion Ratio Lower Upper
 119 100
 134 26.4 21.2 31.8
 91 31.4 25.3 37.9

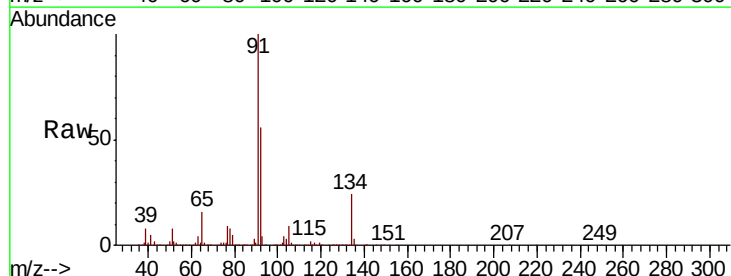


Abundance Ion 119.10 (118.80 to 119.80): V
 Ion 134.20 (133.90 to 134.90): V
 Ion 91.10 (90.80 to 91.80): V

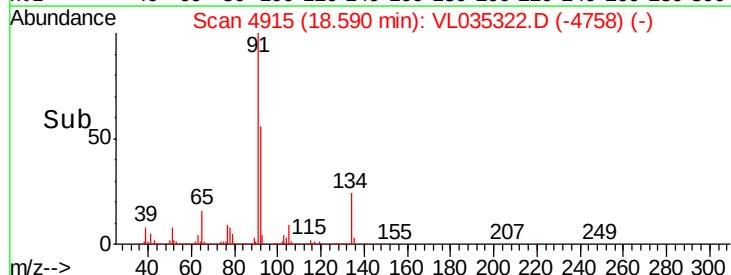
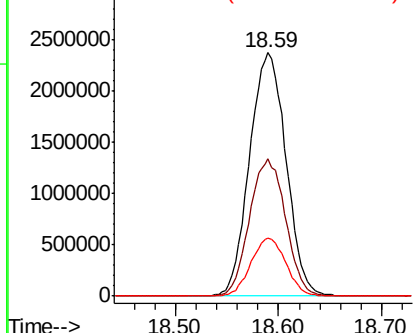


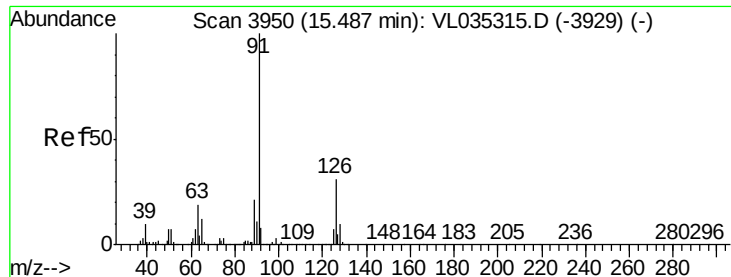
#70
 n-Butylbenzene
 Concen: 8.798 ppbv
 RT: 18.59 min Scan# 4915
 Delta R.T. 0.00 min
 Lab File: VL035322.D
 Acq: 3 Aug 2020 17:42

Tgt Ion: 91 Resp: 5820936
 Ion Ratio Lower Upper
 91 100
 92 55.8 44.6 66.8
 134 22.9 18.6 27.8



Abundance Ion 91.10 (90.80 to 91.80): VL0
 Ion 92.10 (91.80 to 92.80): VL0
 Ion 134.20 (133.90 to 134.90): V





#71

2-Chlorotoluene

Concen: 9.386 ppbv

RT: 15.49 min Scan# 3950

Delta R.T. 0.00 min

Lab File: VL035322.D

Acq: 3 Aug 2020 17:42

Instrument :

MSVOA_L

ClientSampleId :

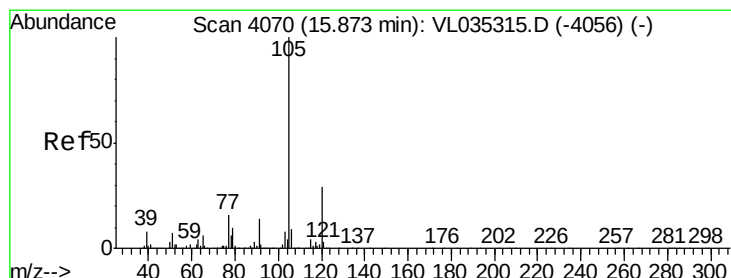
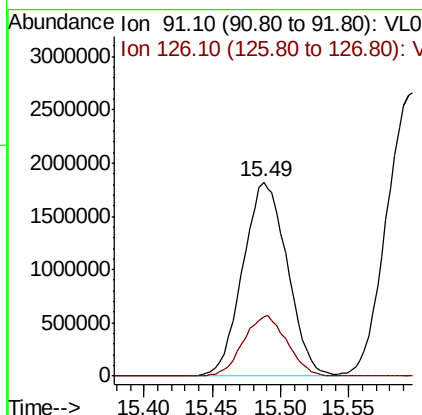
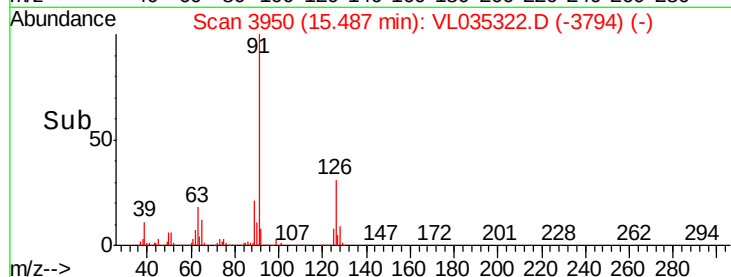
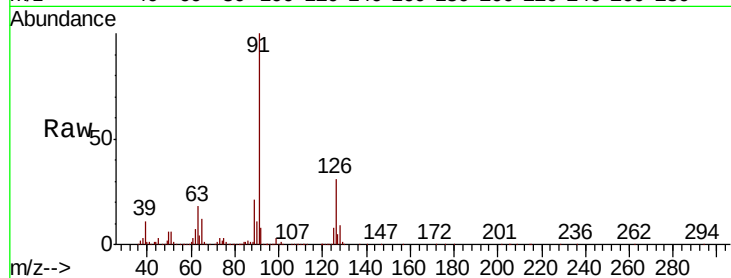
BFB

Tot Ion: 91 Resp: 4112939

Ion Ratio Lower Upper

91 100

126 30.8 12.3 49.3



#72

4-Ethyltoluene

Concen: 9.580 ppbv

RT: 15.87 min Scan# 4070

Delta R.T. 0.00 min

Lab File: VL035322.D

Acq: 3 Aug 2020 17:42

Tgt Ion:105 Resp: 4206874

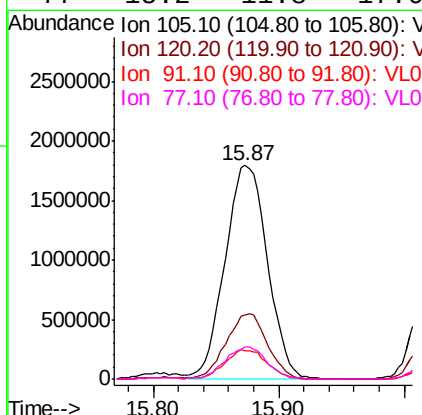
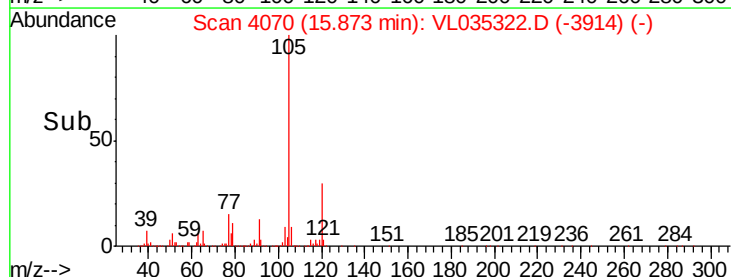
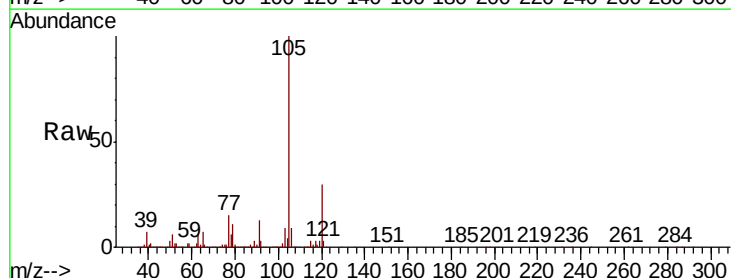
Ion Ratio Lower Upper

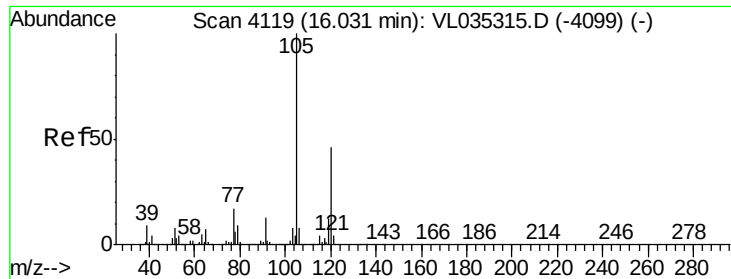
105 100

120 30.5 23.6 35.4

91 13.6 11.3 16.9

77 15.2 11.8 17.6





#73

1,3,5-Trimethylbenzene

Concen: 9.314 ppbv

RT: 16.03 min Scan# 4120

Delta R.T. 0.00 min

Lab File: VL035322.D

Acq: 3 Aug 2020 17:42

Instrument :

MSVOA_L

ClientSampleId :

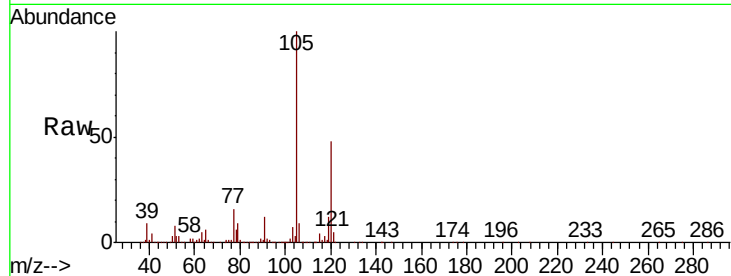
BFB

Tot Ion:105 Resp: 4006876

Ion Ratio Lower Upper

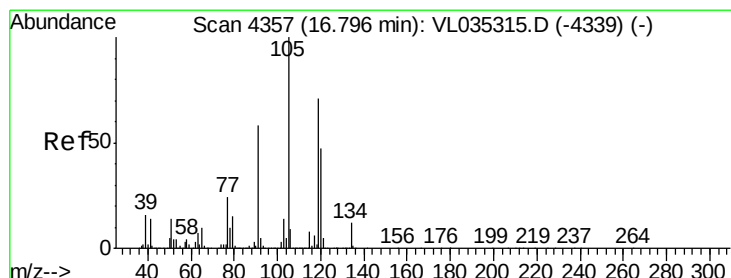
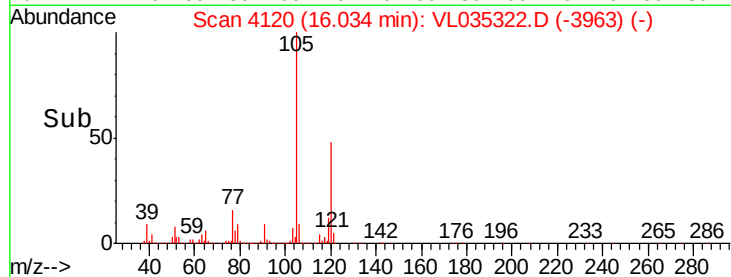
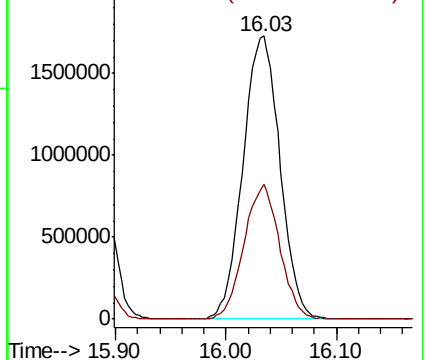
105 100

120 47.7 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: 8.556 ppbv

RT: 16.80 min Scan# 4359

Delta R.T. 0.01 min

Lab File: VL035322.D

Acq: 3 Aug 2020 17:42

Tgt Ion:105 Resp: 4219988

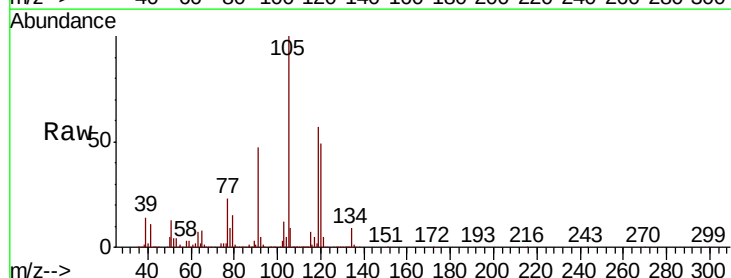
Ion Ratio Lower Upper

105 100

120 48.4 38.0 57.0

91 47.0 47.9 71.9#

77 22.8 19.6 29.4

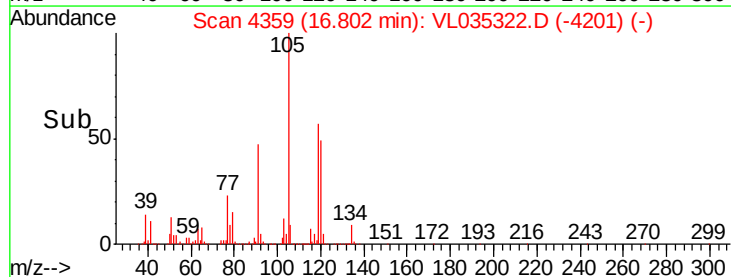
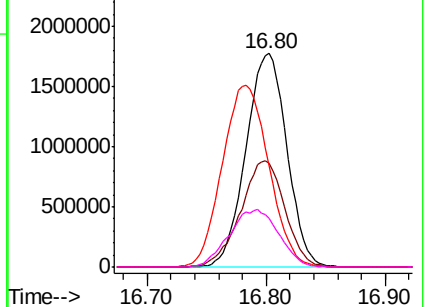


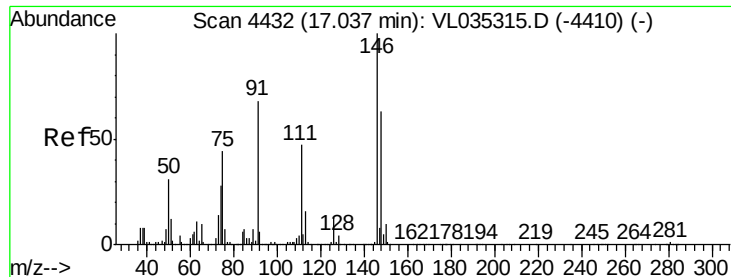
Abundance Ion 105.10 (104.80 to 105.80): V

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: 7.935 ppbv

RT: 17.04 min Scan# 4432

Delta R.T. 0.00 min

Lab File: VL035322.D

Acq: 3 Aug 2020 17:42

Instrument :

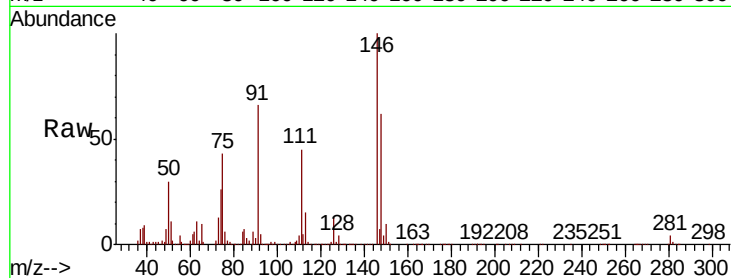
MSVOA_L

ClientSampled :

BFB

Tot Ion:146 Resp: 2434449

Ion	Ratio	Lower	Upper
146	100		
111	48.4	24.2	72.6
148	64.9	32.4	97.0

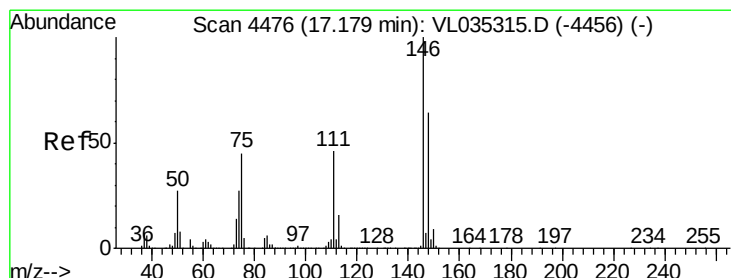
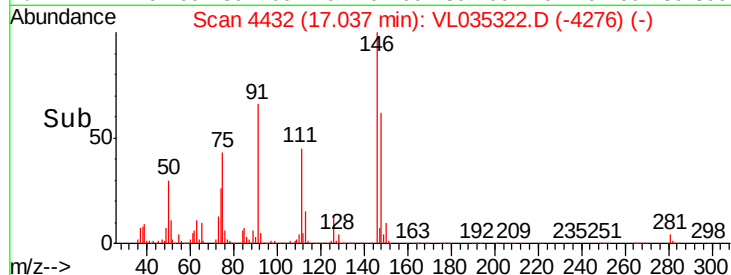
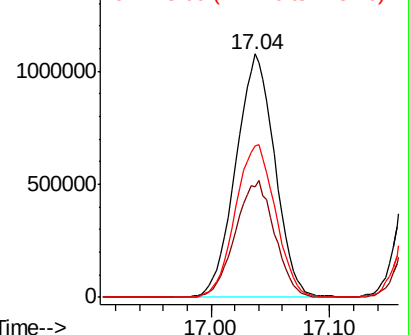


Abundance

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: 8.353 ppbv

RT: 17.18 min Scan# 4477

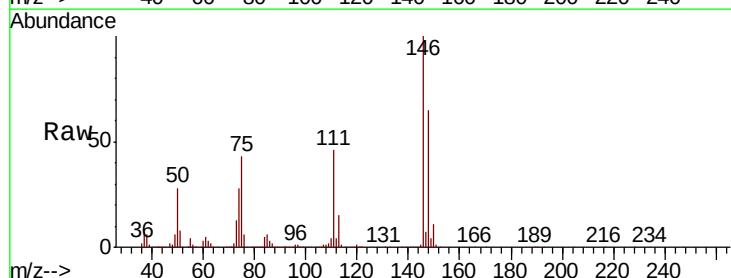
Delta R.T. 0.00 min

Lab File: VL035322.D

Acq: 3 Aug 2020 17:42

Tgt Ion:146 Resp: 2425734

Ion	Ratio	Lower	Upper
146	100		
111	46.6	23.6	70.8
148	65.6	32.8	98.4

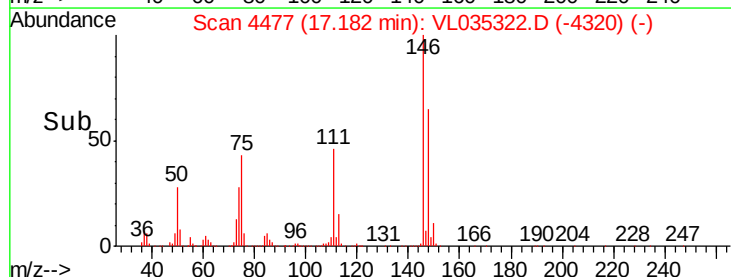
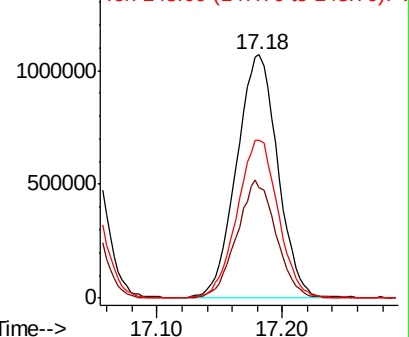


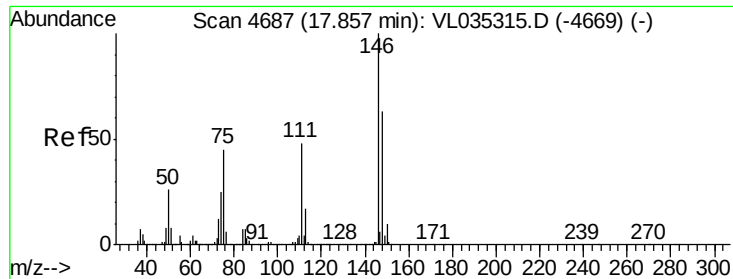
Abundance

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

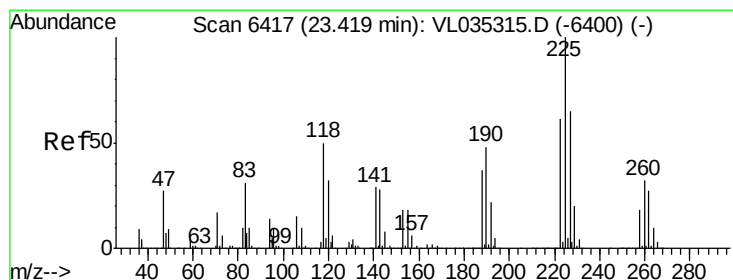
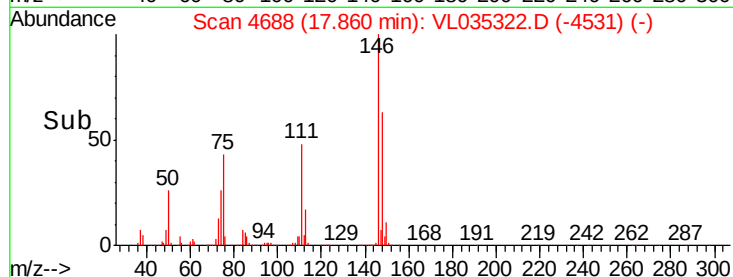
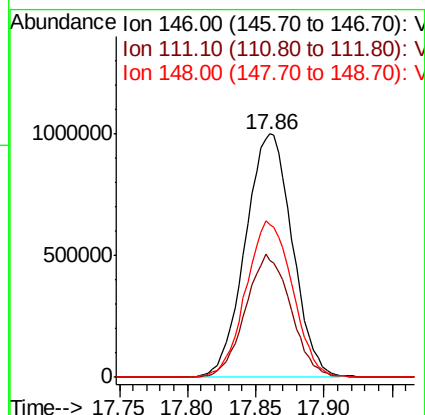
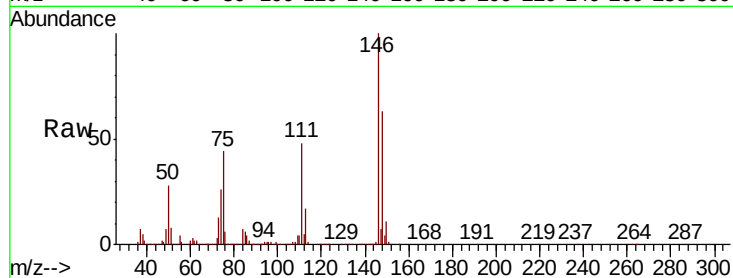




#77
 1,2-Dichlorobenzene
 Concen: 8.385 ppbv
 RT: 17.86 min Scan# 4688
 Delta R.T. 0.00 min
 Lab File: VL035322.D
 Acq: 3 Aug 2020 17:42

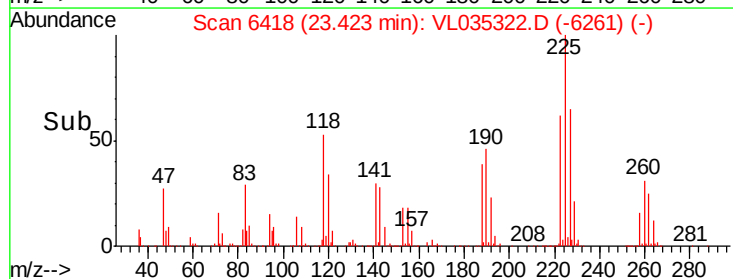
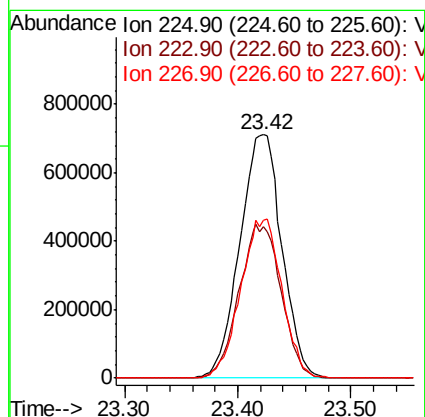
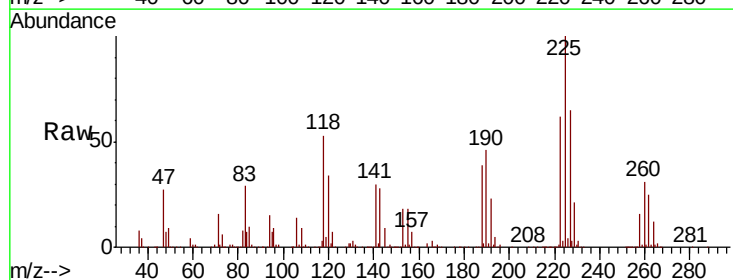
Instrument :
 MSVOA_L
 ClientSampled :
 BFB

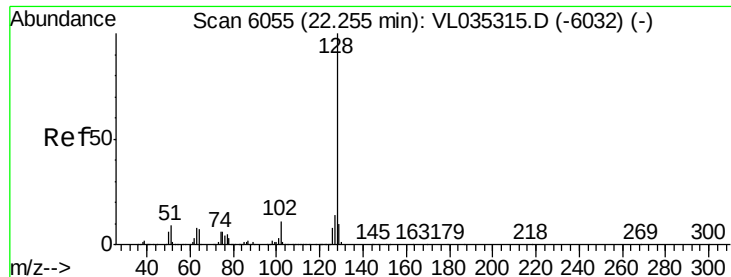
Tot Ion:146 Resp: 2372426
 Ion Ratio Lower Upper
 146 100
 111 49.0 24.6 73.6
 148 64.1 32.3 96.8



#78
 Hexachloro-1,3-Butadiene
 Concen: 7.992 ppbv
 RT: 23.42 min Scan# 6418
 Delta R.T. 0.00 min
 Lab File: VL035322.D
 Acq: 3 Aug 2020 17:42

Tgt Ion:225 Resp: 1835975
 Ion Ratio Lower Upper
 225 100
 223 63.1 50.2 75.4
 227 64.0 52.7 79.1





#79

Naphthalene

Concen: 9.331 ppbv

RT: 22.26 min Scan# 6055

Delta R.T. 0.00 min

Lab File: VL035322.D

Acq: 3 Aug 2020 17:42

Instrument :

MSVOA_L

ClientSampleId :

BFB

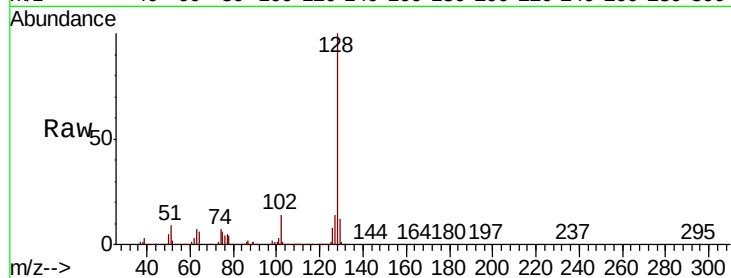
Tot Ion:128 Resp: 3642424

Ion Ratio Lower Upper

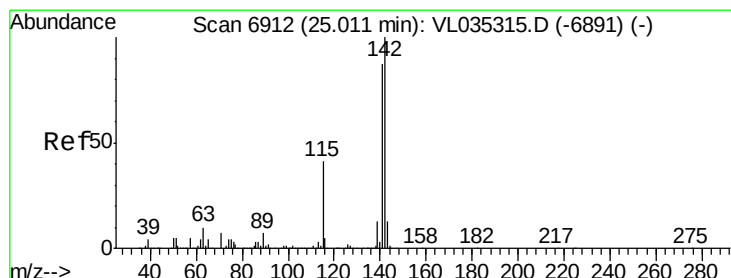
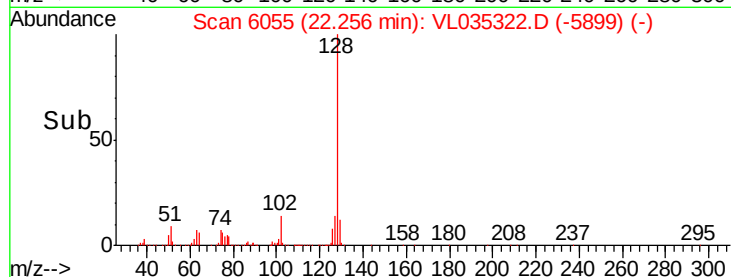
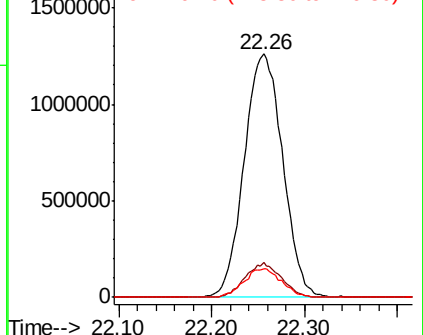
128 100

127 14.4 10.8 16.2

129 11.8 8.4 12.6



Abundance Ion 128.10 (127.80 to 128.80): V
Ion 127.10 (126.80 to 127.80): V
Ion 129.10 (128.80 to 129.80): V



#80

Naphthalene, 2-methyl-

Concen: 11.258 ppbv

RT: 25.01 min Scan# 6912

Delta R.T. 0.00 min

Lab File: VL035322.D

Acq: 3 Aug 2020 17:42

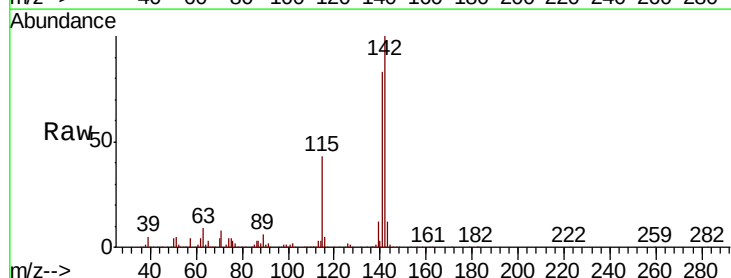
Tgt Ion:142 Resp: 1290473

Ion Ratio Lower Upper

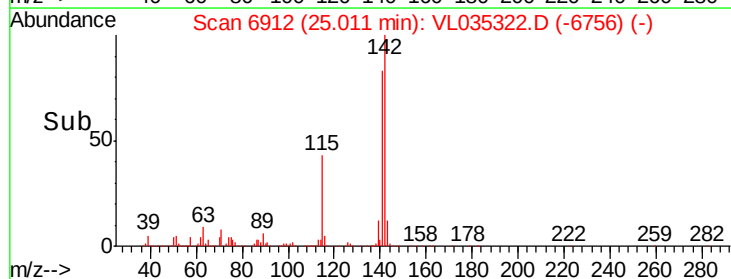
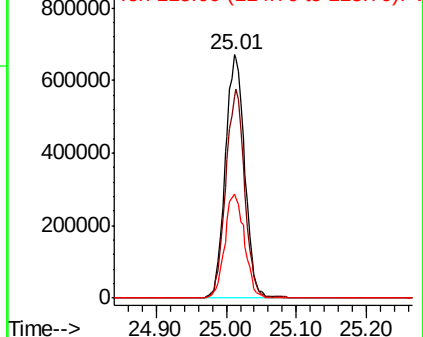
142 100

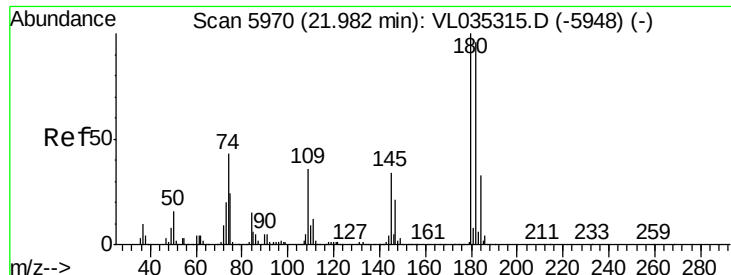
141 83.5 68.3 102.5

115 43.7 35.0 52.4



Abundance Ion 142.00 (141.70 to 142.70): V
Ion 141.00 (140.70 to 141.70): V
Ion 115.00 (114.70 to 115.70): V

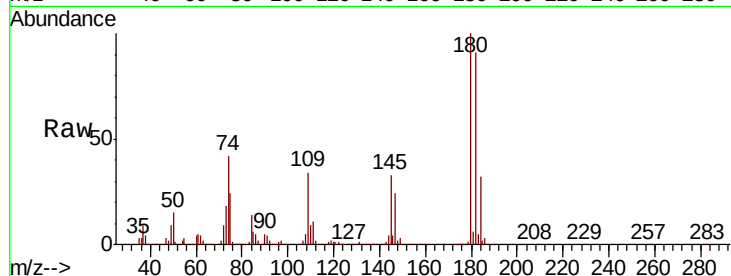




#81
 1,2,4-Trichlorobenzene
 Concen: 8.541 ppbv
 RT: 21.99 min Scan# 5971
 Delta R.T. 0.00 min
 Lab File: VL035322.D
 Acq: 3 Aug 2020 17:42

Instrument :
 MSVOA_L
 ClientSampleId :
 BFB

Tot Ion:180 Resp: 2028426
 Ion Ratio Lower Upper
 180 100
 182 95.7 76.9 115.3
 184 31.3 25.0 37.6



Abundance Ion 180.00 (179.70 to 180.70): V
 1000000 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V

