

Data File : VL033434.D

Acq On : 25 Mar 2019 10:28

Operator : SY/AP

Sample : VSTDICCC010

Misc : 400ml/MSVOA_L

ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Quant Time: Mar 25 11:04:33 2019

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032519AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Mar 15 14:52:14 2019

QLast Update : Fri Mar 15 14:52:14 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.76	49	767952	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	1787912	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.24	117	2338665	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.58	95	1504118	8.68	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	86.80%

Target Compounds

	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	3.08	85	934707	6.921	ppbv	100
3) Chlorodifluoromethane	3.01	51	817070	9.270	ppbv	98
4) Chloromethane	3.17	50	441972	9.260	ppbv	100
5) Vinyl Chloride	3.29	62	437556	8.886	ppbv	100
6) Bromomethane	3.51	94	277676	9.487	ppbv	94
7) Chloroethane	3.60	64	163186	9.484	ppbv	94
8) Dichlorotetrafluoroethane	3.22	85	1090506	9.485	ppbv	99
9) Propene	3.03	41	356836	9.069	ppbv	98
10) Heptane	8.25	43	942066	9.653	ppbv	100
11) Trichlorofluoromethane	4.00	101	1270588	9.448	ppbv	97
12) 1,1,2-Trichlorotrifluoroet	4.55	101	851663	9.545	ppbv	98
13) Ethanol	3.65	45	54538	2.907	ppbv #	56
14) Bromoethene	3.79	108	359041	9.654	ppbv	100
15) Acetone	3.90	43	785953	6.584	ppbv	100
16) 1,3-Butadiene	3.36	39	399881	10.313	ppbv	91
17) tert-Butyl alcohol	4.35	59	164534	9.794	ppbv	99
18) 1,1-Dichloroethene	4.35	96	378757	9.284	ppbv	99
19) Isopropyl Alcohol	4.02	45	554914	9.772	ppbv	100
20) Methylene Chloride	4.41	84	323046	8.298	ppbv	96
21) Allyl Chloride	4.48	41	578717	9.994	ppbv	99
22) trans-1,2-Dichloroethene	4.96	96	391018	9.890	ppbv	99
23) Vinyl Acetate	5.15	43	1326885	9.606	ppbv	99
24) 1,1-Dichloroethane	5.09	63	935569	9.378	ppbv	99
25) Ethyl Acetate	5.77	43	1607304	9.262	ppbv	100
26) Hexane	5.78	57	706345	9.105	ppbv	99
27) Carbon Disulfide	4.62	76	949547	10.632	ppbv	99
28) Methyl tert-Butyl Ether	5.11	73	1106666	9.604	ppbv	100
29) Chloroform	5.85	83	1210057	9.526	ppbv	99
30) Cyclohexane	7.25	84	601442	9.670	ppbv	98
31) cis-1,2-Dichloroethene	5.64	61	754136	9.722	ppbv	99
32) 1,1,1-Trichloroethane	6.62	97	1222008	9.798	ppbv	99
34) 2-Butanone	5.33	43	1052493	8.964	ppbv	99
35) Carbon Tetrachloride	7.13	117	1290570	10.239	ppbv	98
36) Benzene	7.00	78	1474672	9.216	ppbv	98
37) 1,2-Dichloroethane	6.41	62	952730	9.417	ppbv	100
38) Trichloroethene	7.96	130	593102	9.795	ppbv	96
39) 1,2-Dichloropropane	7.74	63	569880	9.510	ppbv	98
40) 1,4-Dioxane	7.95	88	206929	9.807	ppbv	88
41) Tetrahydrofuran	6.15	42	602018	9.608	ppbv	98
42) Bromodichloromethane	7.92	83	1361471	10.037	ppbv	98
43) Methyl Methacrylate	8.14	69	620815	9.965	ppbv	98

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032519AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Mar 15 14:52:14 2019
QLast Update : Fri Mar 15 14:52:14 2019
Response via : Initial Calibration

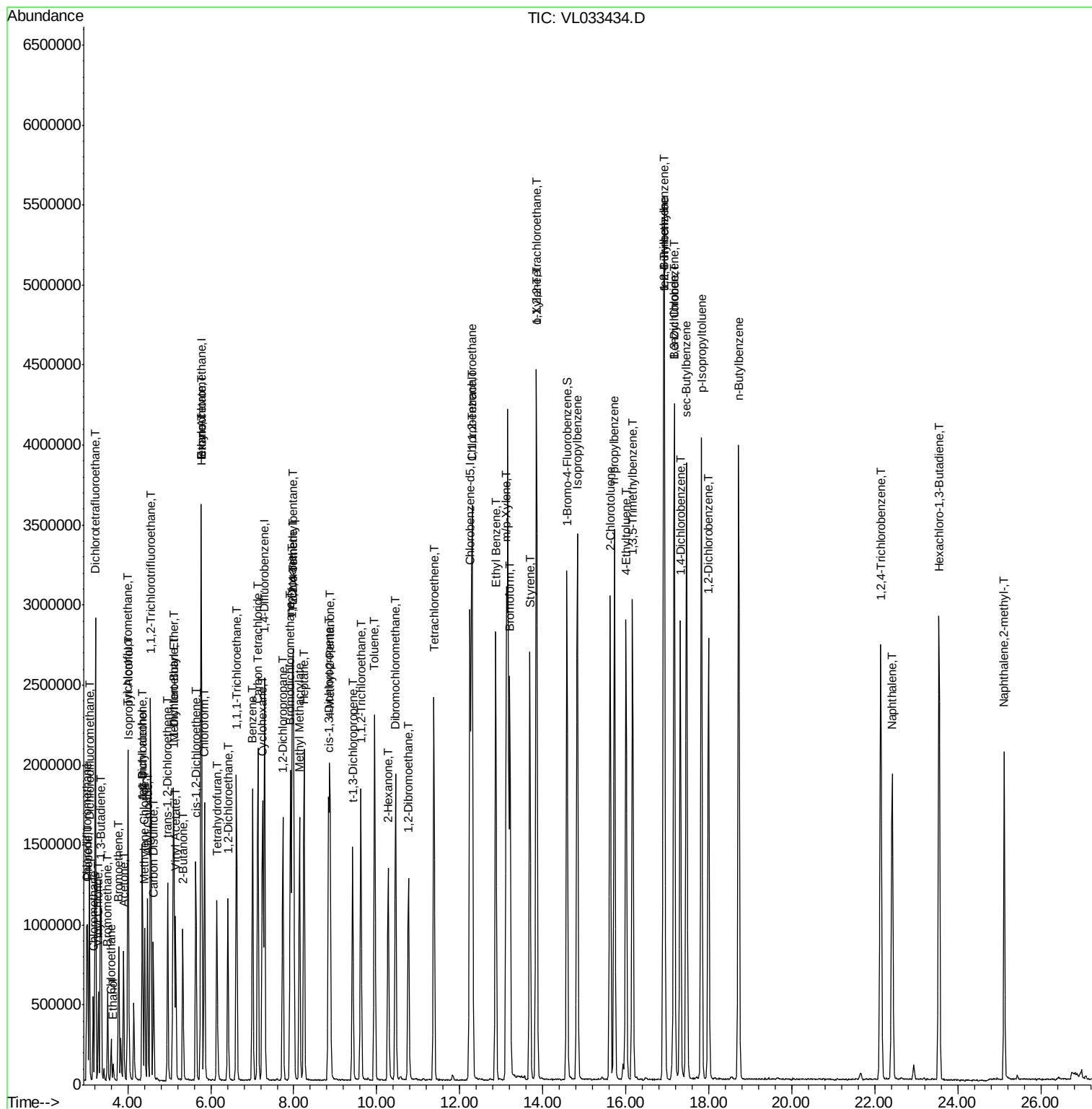
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.99	57	2515472	9.492	ppbv	100
45) t-1,3-Dichloropropene	9.42	75	872485	11.343	ppbv	98
46) cis-1,3-Dichloropropene	8.84	75	959743	10.596	ppbv	99
47) 1,1,2-Trichloroethane	9.62	97	639354	9.657	ppbv	96
48) Dibromochloromethane	10.45	129	1185499	10.677	ppbv	100
49) Bromoform	13.21	173	1442626	13.697	ppbv	99
50) 4-Methyl-2-Pentanone	8.87	43	1574375	9.493	ppbv	99
51) 2-Hexanone	10.27	43	1248866	9.760	ppbv #	100
52) Tetrachloroethene	11.37	164	595002	8.926	ppbv	97
53) Toluene	9.95	91	1825084	10.038	ppbv	100
54) 1,2-Dibromoethane	10.76	107	1046481	9.350	ppbv	94
56) 1,1,1,2-Tetrachloroethane	12.28	131	838100	8.011	ppbv	97
57) Chlorobenzene	12.30	112	1393726	7.525	ppbv	98
58) Ethyl Benzene	12.87	91	2589305	7.827	ppbv	99
59) m/p-Xylene	13.13	91	2234926	7.861	ppbv #	100
60) o-Xylene	13.85	91	2176695	7.848	ppbv	99
61) Styrene	13.69	104	1619848	8.341	ppbv	99
62) Isopropylbenzene	14.83	105	3096361	8.030	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.84	83	1510203	7.532	ppbv	99
64) n-propylbenzene	15.73	120	803759	8.237	ppbv	99
65) tert-Butylbenzene	16.91	119	2722994	7.843	ppbv	99
66) Benzyl Chloride	17.16	91	1562878	10.894	ppbv	100
67) sec-Butylbenzene	17.46	105	3879849	7.887	ppbv	99
69) p-Isopropyltoluene	17.82	119	3257720	8.106	ppbv	100
70) n-Butylbenzene	18.72	91	3432038	8.008	ppbv	100
71) 2-Chlorotoluene	15.62	91	2423641	8.074	ppbv	100
72) 4-Ethyltoluene	16.00	105	2542648	8.072	ppbv	99
73) 1,3,5-Trimethylbenzene	16.16	105	2404734	7.837	ppbv	99
74) 1,2,4-Trimethylbenzene	16.93	105	2508100	7.717	ppbv	98
75) 1,3-Dichlorobenzene	17.17	146	1477382	7.713	ppbv	100
76) 1,4-Dichlorobenzene	17.31	146	1499445	8.085	ppbv	100
77) 1,2-Dichlorobenzene	17.99	146	1469874	8.102	ppbv	100
78) Hexachloro-1,3-Butadiene	23.55	225	808633	7.435	ppbv	99
79) Naphthalene	22.42	128	2526679	8.068	ppbv	99
80) Naphthalene,2-methyl-	25.11	142	1114199	7.503	ppbv	99
81) 1,2,4-Trichlorobenzene	22.14	180	1284456	8.043	ppbv	99

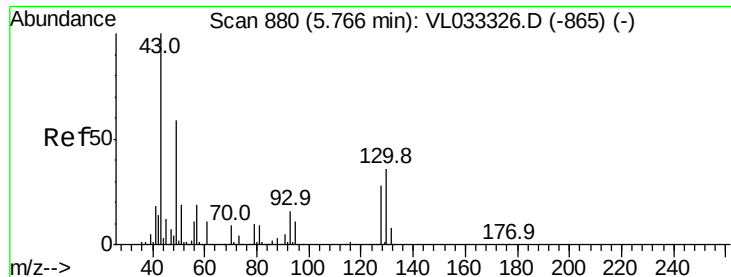
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.76 min Scan# 879

Delta R.T. -0.00 min

Lab File: VL033434.D

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Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

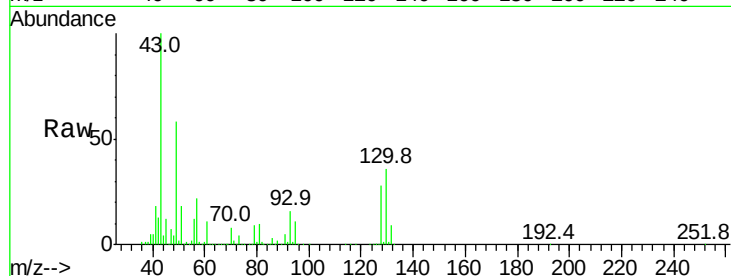
Tgt Ion: 49 Resp: 767952

Ion Ratio Lower Upper

49 100

128 48.0 23.5 70.6

130 62.4 30.1 90.3



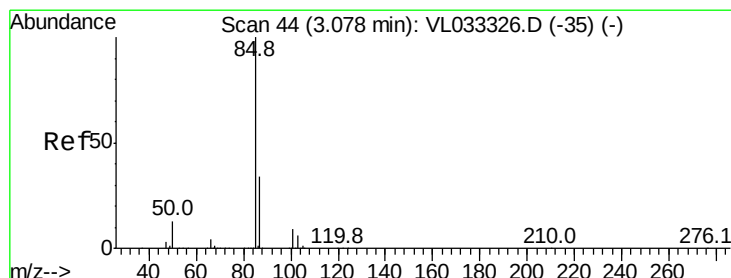
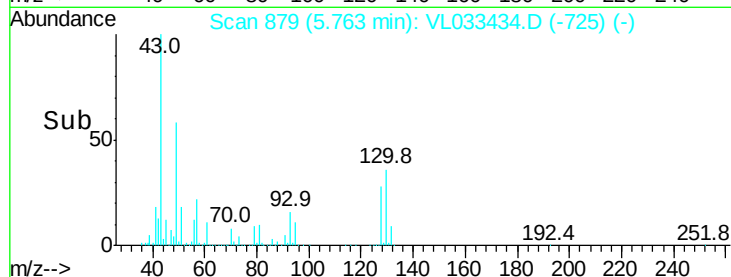
Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0

5.76

Time-->



#2

Dichlorodifluoromethane

Concen: 6.921 ppbv

RT: 3.08 min Scan# 43

Delta R.T. -0.00 min

Lab File: VL033434.D

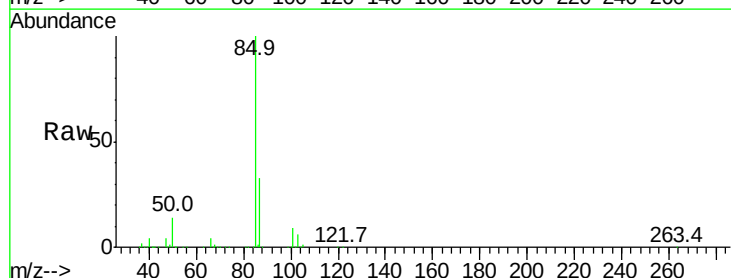
Acq: 25 Mar 2019 10:28

Tgt Ion: 85 Resp: 934707

Ion Ratio Lower Upper

85 100

87 33.4 26.9 40.3

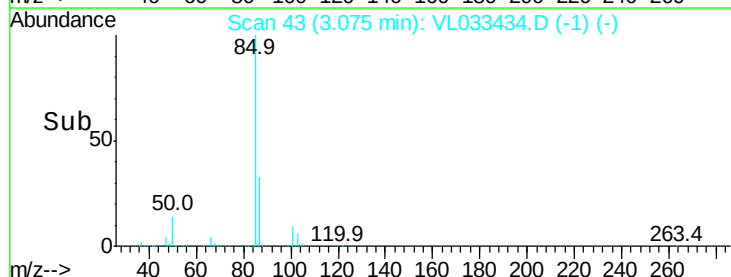


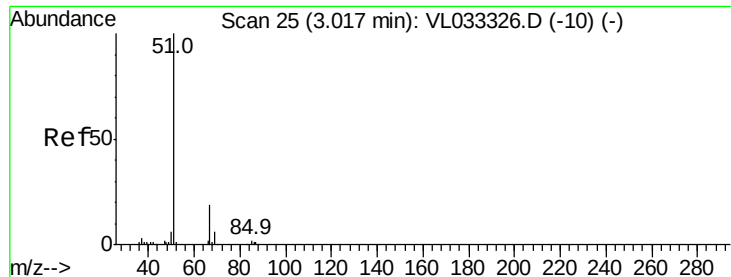
Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0

3.08

Time-->





#3

Chlorodifluoromethane

Concen: 9.270 ppbv

RT: 3.01 min Scan# 24

Delta R.T. -0.00 min

Lab File: VL033434.D

Acq: 25 Mar 2019 10:28

Instrument :

MSVOA_L

ClientSampleId :

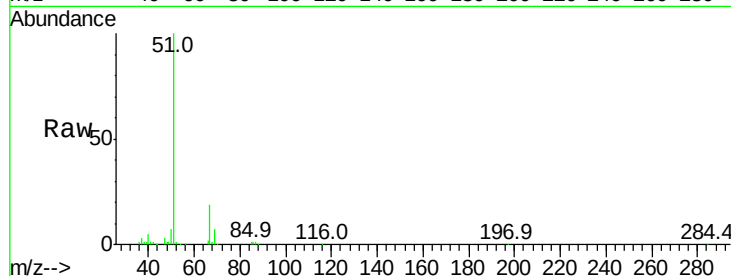
VSTDICCC010

Tgt Ion: 51 Resp: 817070

Ion Ratio Lower Upper

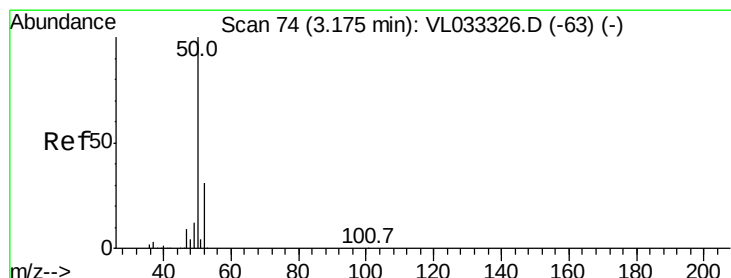
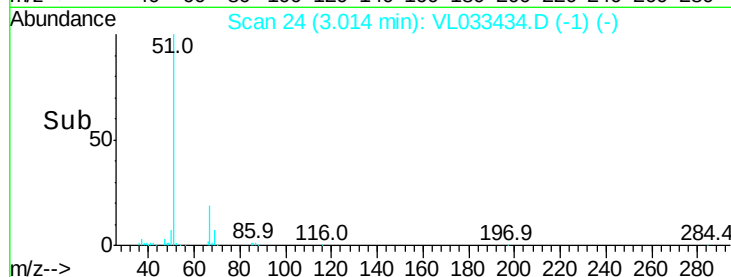
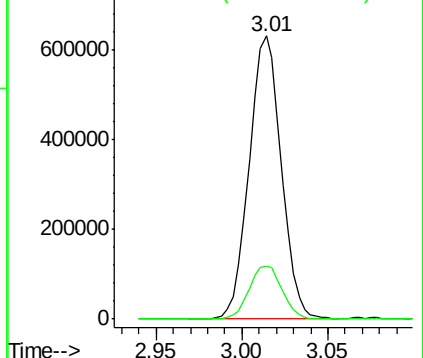
51 100

67 19.6 14.9 22.3



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0



#4

Chloromethane

Concen: 9.260 ppbv

RT: 3.17 min Scan# 72

Delta R.T. -0.01 min

Lab File: VL033434.D

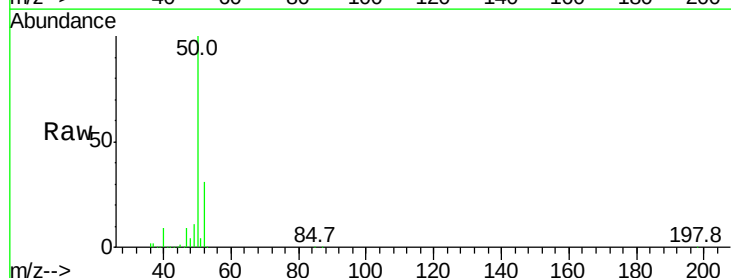
Acq: 25 Mar 2019 10:28

Tgt Ion: 50 Resp: 441972

Ion Ratio Lower Upper

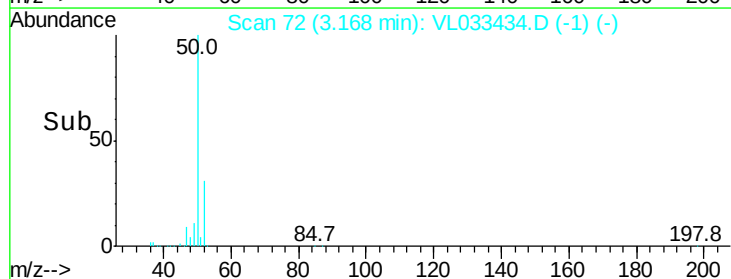
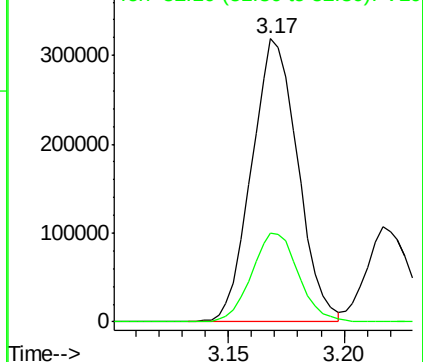
50 100

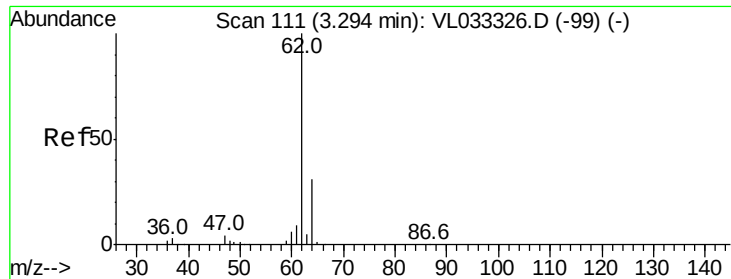
52 31.3 25.0 37.6



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0





#5

Vinyl Chloride

Concen: 8.886 ppbv

RT: 3.29 min Scan# 110

Delta R.T. -0.00 min

Lab File: VL033434.D

Acq: 25 Mar 2019 10:28

Instrument :

MSVOA_L

ClientSampleId :

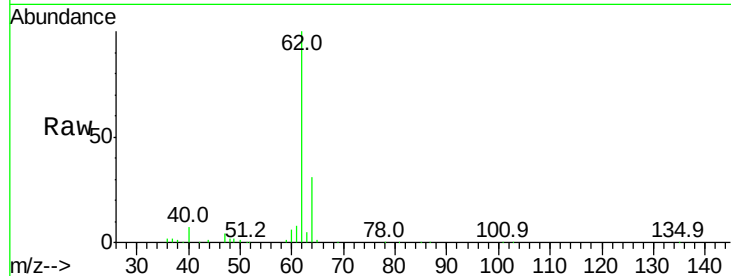
VSTDICCC010

Tgt Ion: 62 Resp: 437556

Ion Ratio Lower Upper

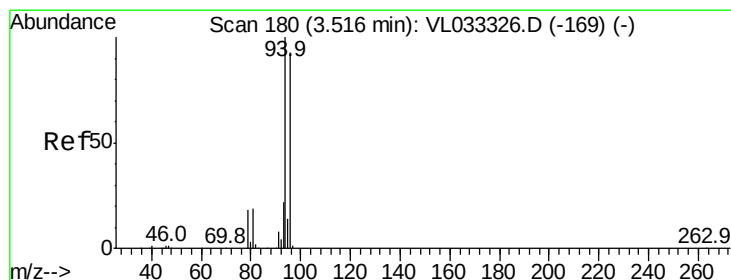
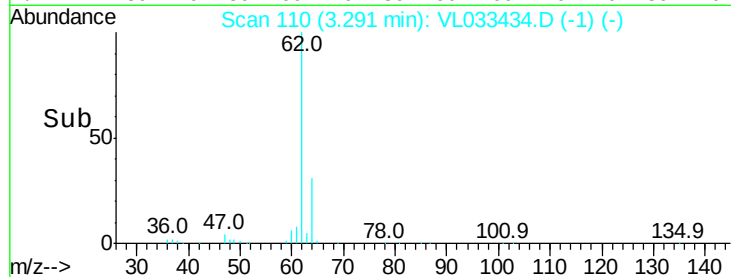
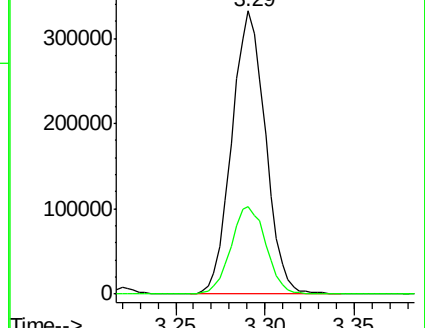
62 100

64 31.1 25.0 37.6



Abundance Ion 62.10 (61.80 to 62.80): VL0

Ion 64.10 (63.80 to 64.80): VL0



#6

Bromomethane

Concen: 9.487 ppbv

RT: 3.51 min Scan# 179

Delta R.T. -0.00 min

Lab File: VL033434.D

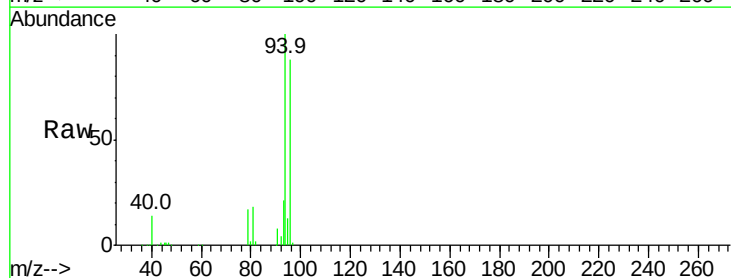
Acq: 25 Mar 2019 10:28

Tgt Ion: 94 Resp: 277676

Ion Ratio Lower Upper

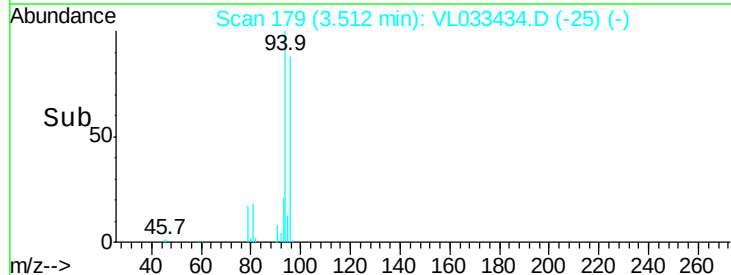
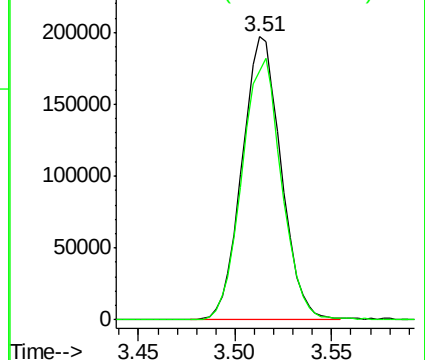
94 100

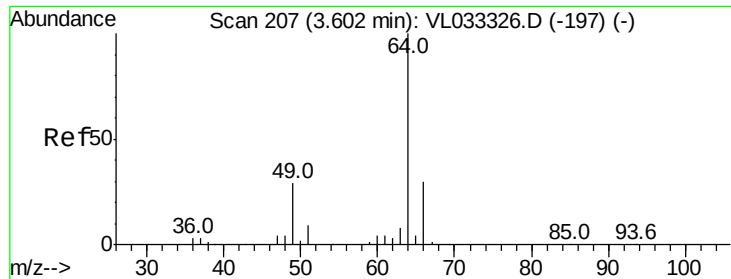
96 87.7 74.6 111.8



Abundance Ion 94.00 (93.70 to 94.70): VL0

Ion 96.00 (95.70 to 96.70): VL0





#7

Chloroethane

Concen: 9.484 ppbv

RT: 3.60 min Scan# 207

Delta R.T. -0.00 min

Lab File: VL033434.D

Acq: 25 Mar 2019 10:28

Instrument :

MSVOA_L

ClientSampleId :

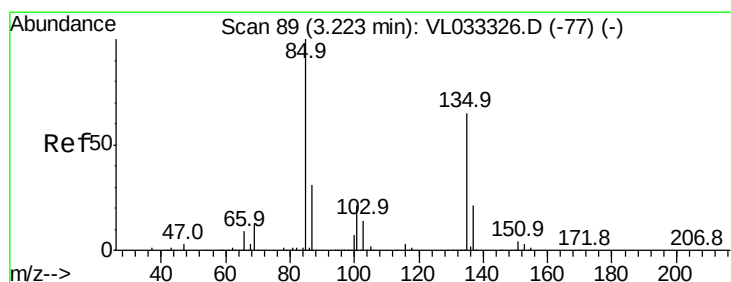
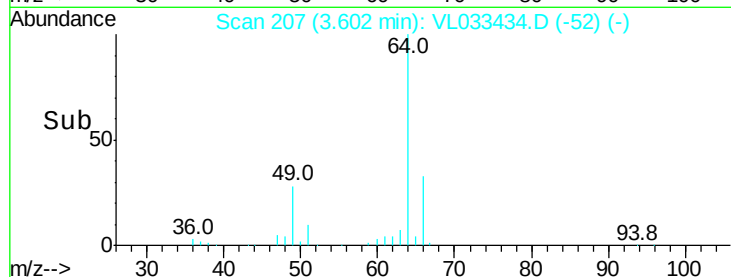
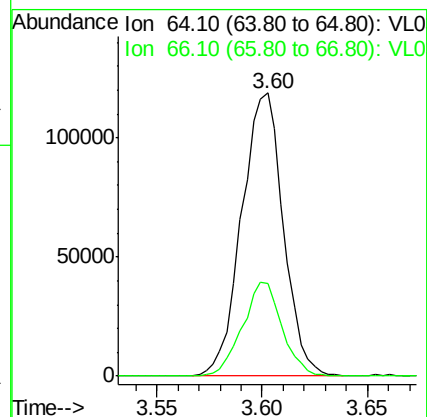
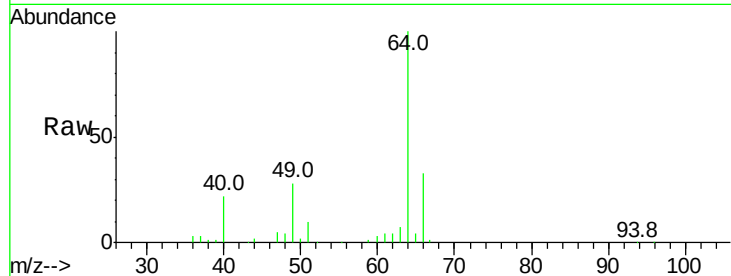
VSTDICCC010

Tgt Ion: 64 Resp: 163186

Ion Ratio Lower Upper

64 100

66 33.4 24.0 36.0



#8

Dichlorotetrafluoroethane

Concen: 9.485 ppbv

RT: 3.22 min Scan# 88

Delta R.T. -0.00 min

Lab File: VL033434.D

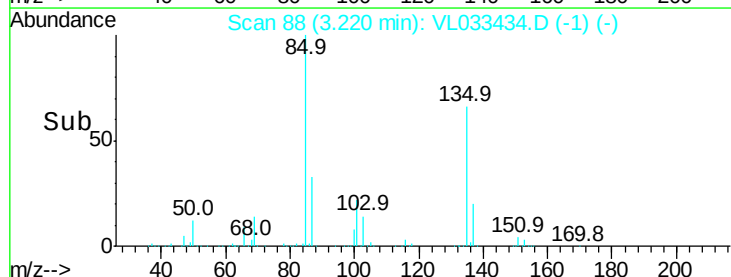
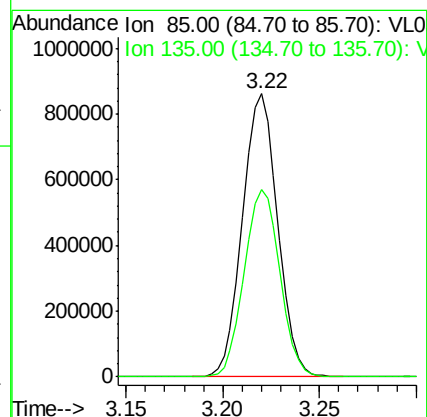
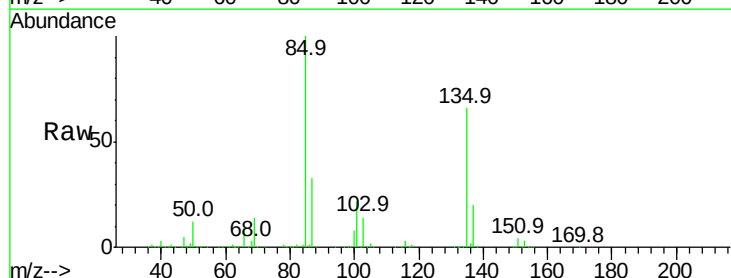
Acq: 25 Mar 2019 10:28

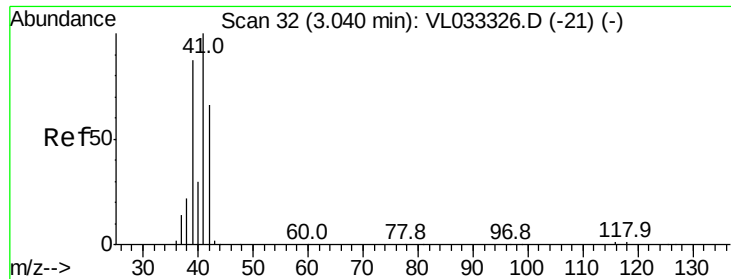
Tgt Ion: 85 Resp: 1090506

Ion Ratio Lower Upper

85 100

135 67.5 53.4 80.2





#9

Propene

Concen: 9.069 ppbv

RT: 3.03 min Scan# 30

Delta R.T. -0.01 min

Lab File: VL033434.D

Acq: 25 Mar 2019 10:28

Instrument :

MSVOA_L

ClientSampleId :

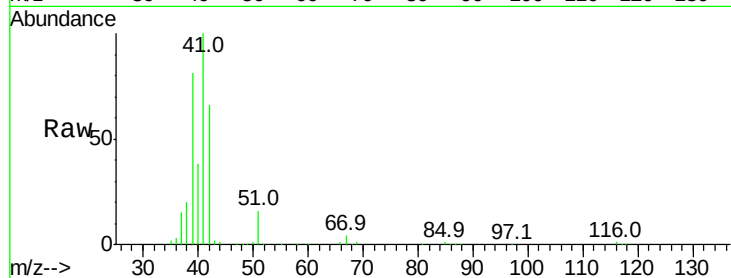
VSTDICCC010

Tgt Ion: 41 Resp: 356836

Ion Ratio Lower Upper

41 100

42 67.4 55.2 82.8



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0

3.03

300000

250000

200000

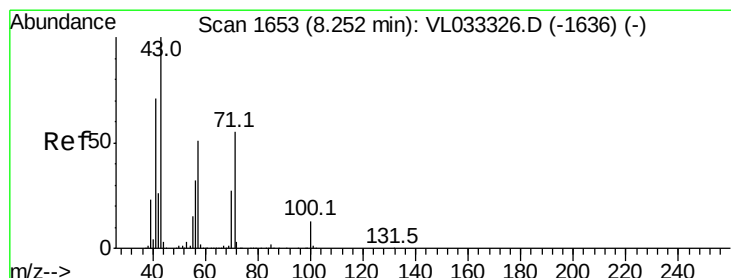
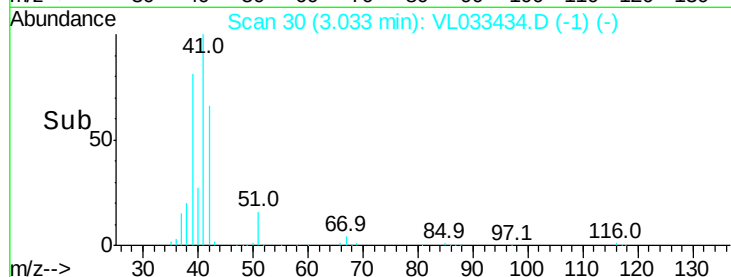
150000

100000

50000

0

Time-->



#10

Heptane

Concen: 9.653 ppbv

RT: 8.25 min Scan# 1651

Delta R.T. -0.01 min

Lab File: VL033434.D

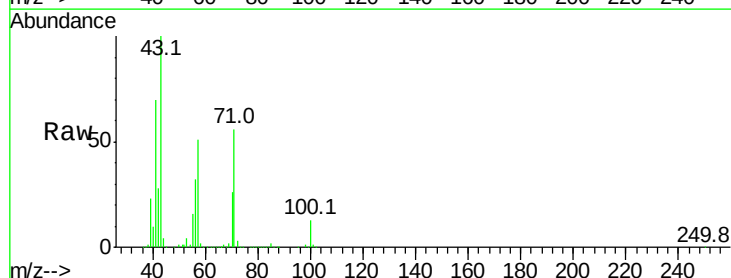
Acq: 25 Mar 2019 10:28

Tgt Ion: 43 Resp: 942066

Ion Ratio Lower Upper

43 100

57 50.7 40.4 60.6



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 57.10 (56.80 to 57.80): VL0

8.25

500000

400000

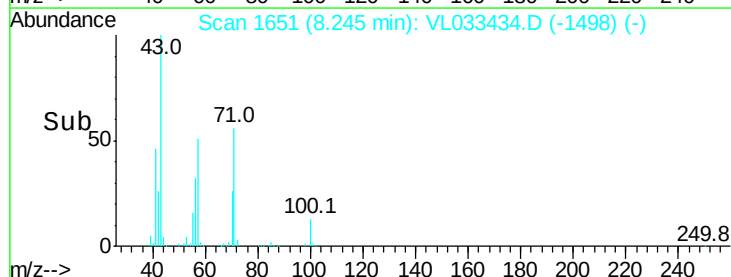
300000

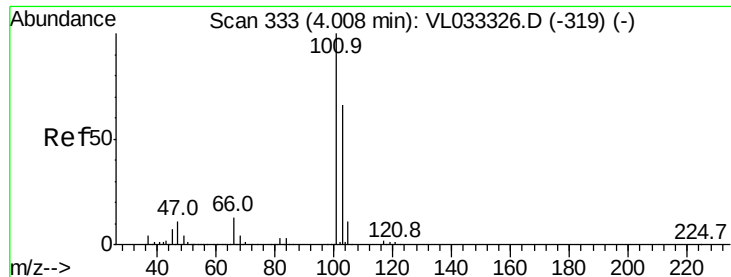
200000

100000

0

Time-->

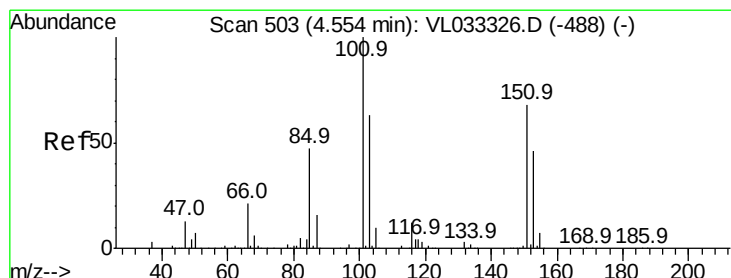
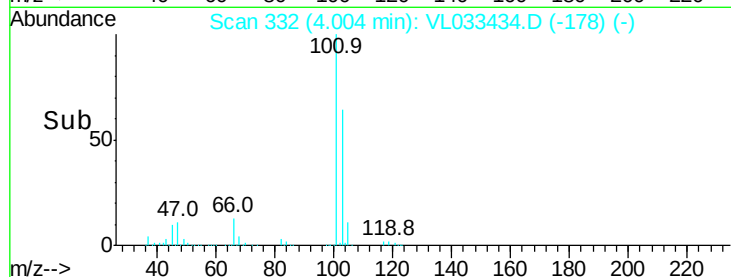
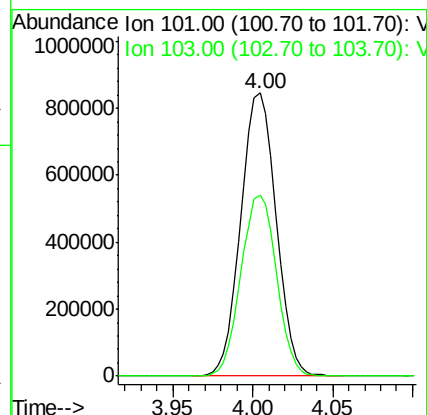
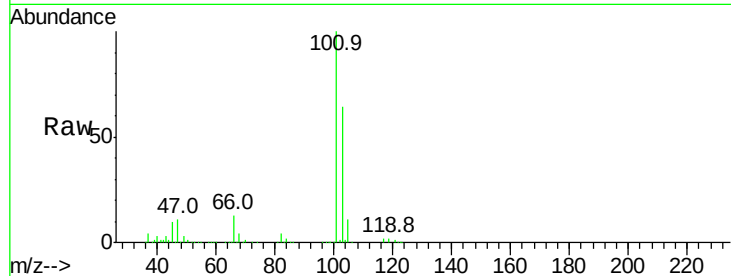




#11
 Trichlorofluoromethane
 Concen: 9.448 ppbv
 RT: 4.00 min Scan# 332
 Delta R.T. -0.00 min
 Lab File: VL033434.D
 Acq: 25 Mar 2019 10:28

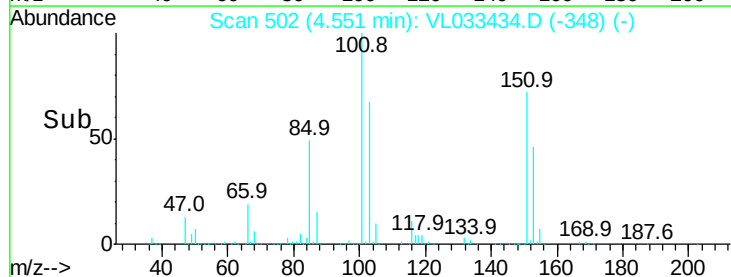
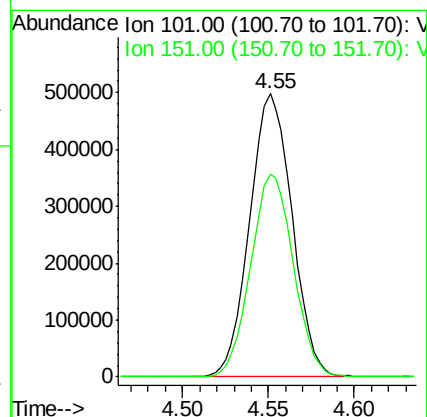
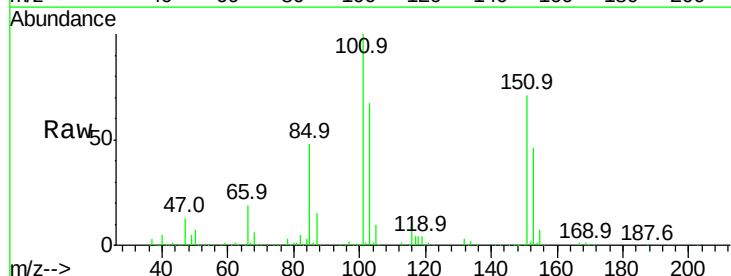
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

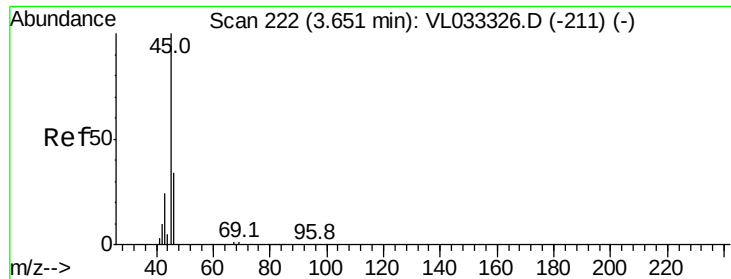
Tgt Ion:101 Resp: 1270588
 Ion Ratio Lower Upper
 101 100
 103 64.1 52.9 79.3



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.545 ppbv
 RT: 4.55 min Scan# 502
 Delta R.T. -0.00 min
 Lab File: VL033434.D
 Acq: 25 Mar 2019 10:28

Tgt Ion:101 Resp: 851663
 Ion Ratio Lower Upper
 101 100
 151 72.1 56.3 84.5

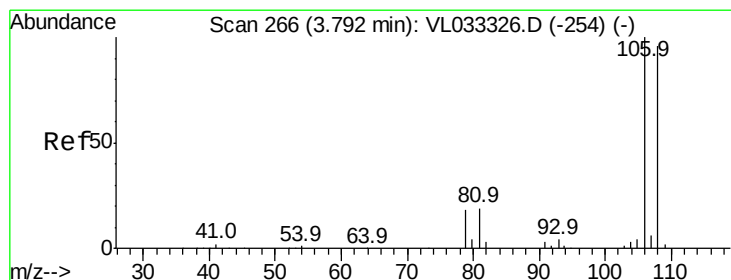
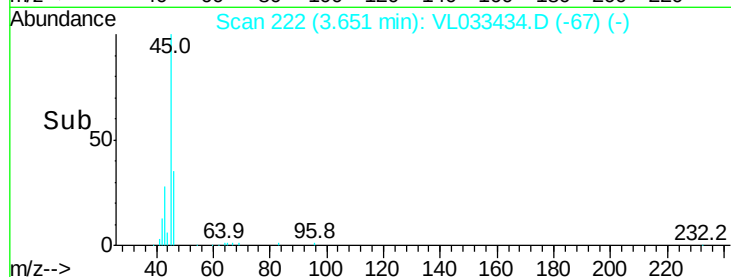
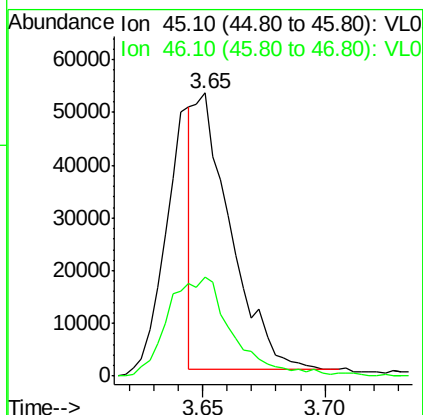
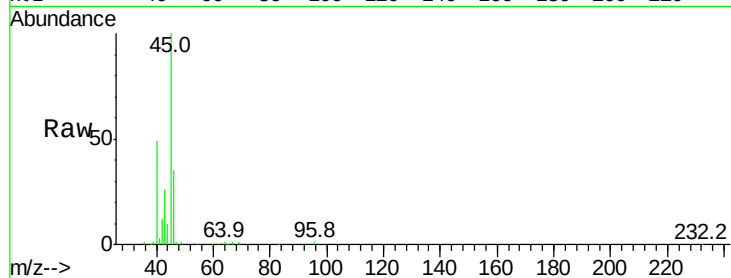




#13
Ethanol
Concen: 2.907 ppbv
RT: 3.65 min Scan# 222
Delta R.T. -0.00 min
Lab File: VL033434.D
Acq: 25 Mar 2019 10:28

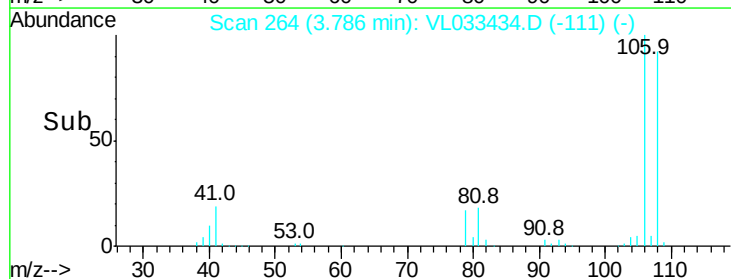
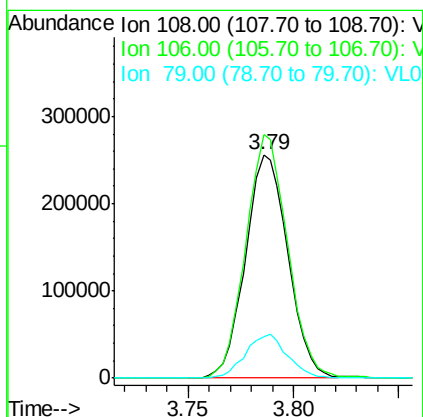
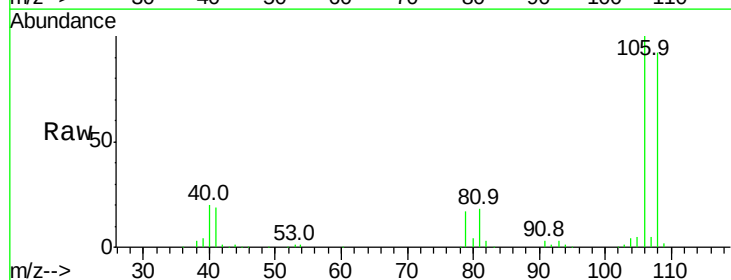
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

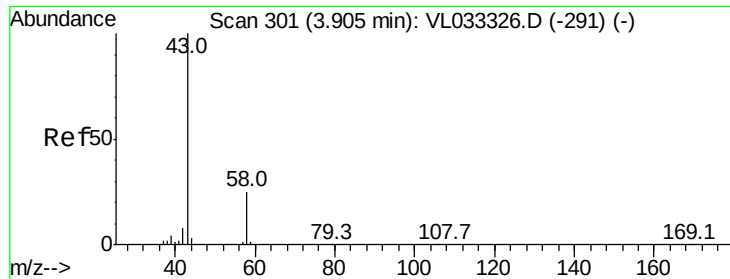
Tgt Ion: 45 Resp: 54538
Ion Ratio Lower Upper
45 100
46 63.6 14.9 59.7#



#14
Bromoethene
Concen: 9.654 ppbv
RT: 3.79 min Scan# 264
Delta R.T. -0.01 min
Lab File: VL033434.D
Acq: 25 Mar 2019 10:28

Tgt Ion: 108 Resp: 359041
Ion Ratio Lower Upper
108 100
106 108.0 86.2 129.2
79 19.8 15.4 23.2





#15

Acetone

Concen: 6.584 ppbv

RT: 3.90 min Scan# 299

Delta R.T. -0.01 min

Lab File: VL033434.D

Acq: 25 Mar 2019 10:28

Instrument :

MSVOA_L

ClientSampleId :

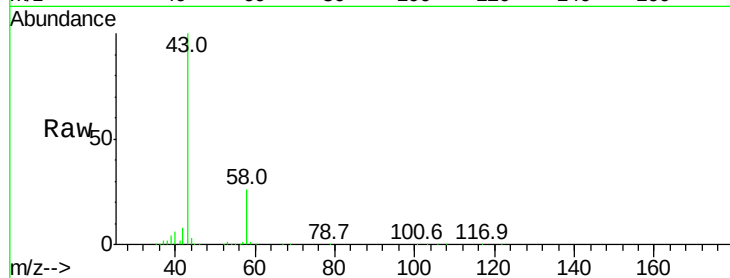
VSTDICCC010

Tgt Ion: 43 Resp: 785953

Ion Ratio Lower Upper

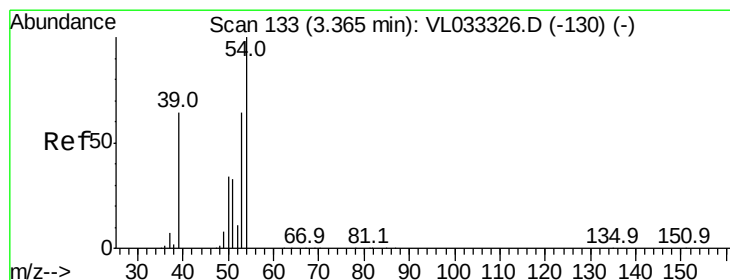
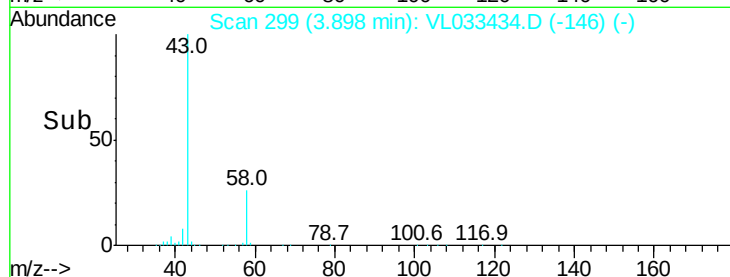
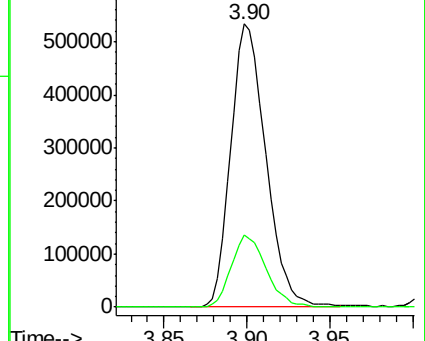
43 100

58 25.6 20.4 30.6



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0



#16

1,3-Butadiene

Concen: 10.313 ppbv

RT: 3.36 min Scan# 132

Delta R.T. -0.00 min

Lab File: VL033434.D

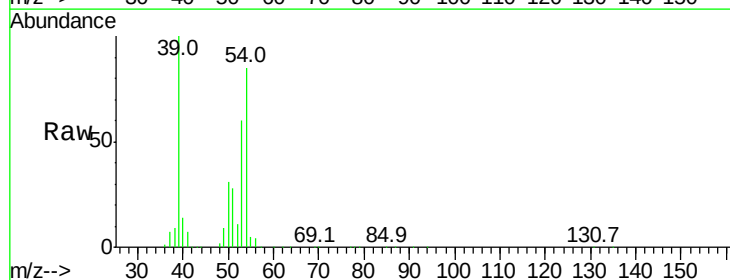
Acq: 25 Mar 2019 10:28

Tgt Ion: 39 Resp: 399881

Ion Ratio Lower Upper

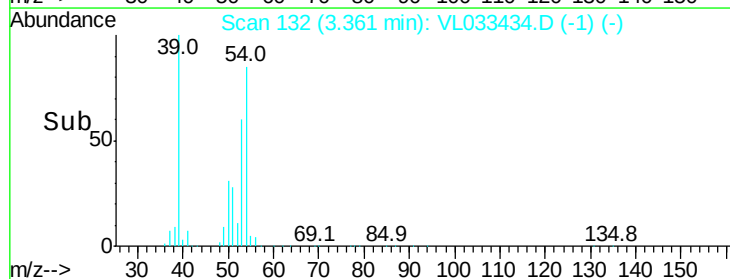
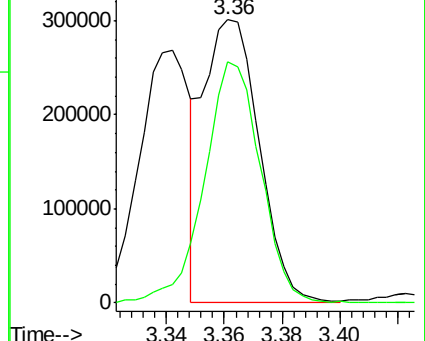
39 100

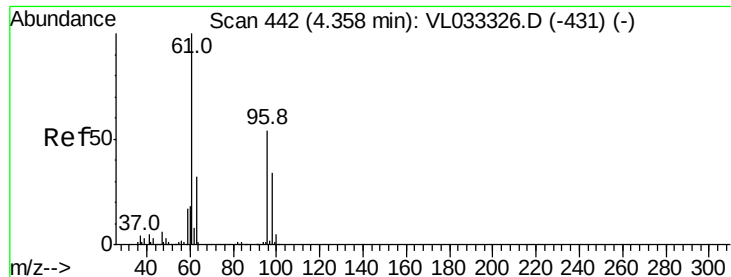
54 86.8 76.8 115.2



Abundance Ion 39.10 (38.80 to 39.80): VL0

Ion 54.10 (53.80 to 54.80): VL0





#17

tert-Butyl alcohol

Concen: 9.794 ppbv

RT: 4.35 min Scan# 441

Delta R.T. -0.00 min

Lab File: VL033434.D

Acq: 25 Mar 2019 10:28

Instrument :

MSVOA_L

ClientSampleId :

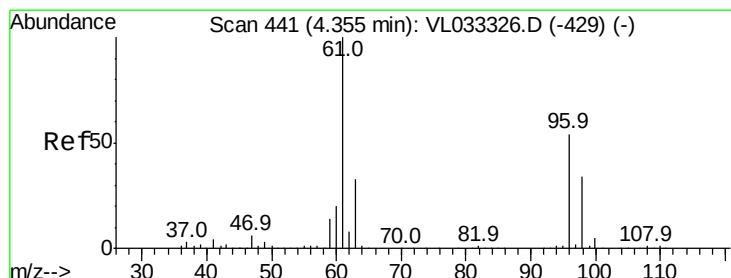
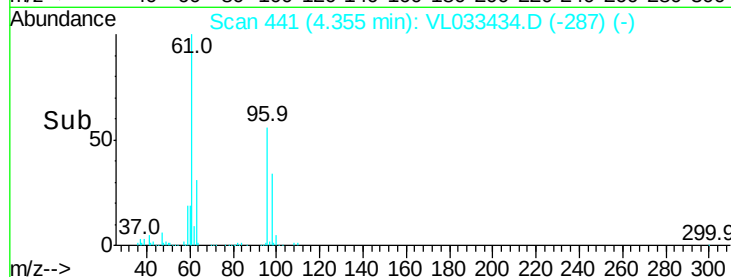
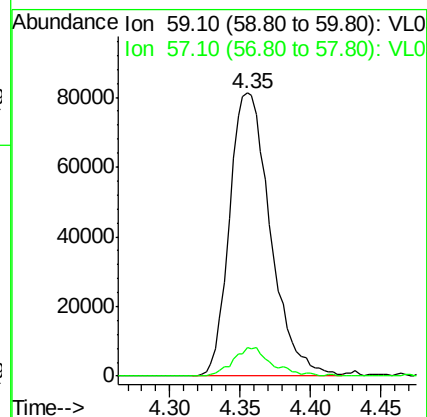
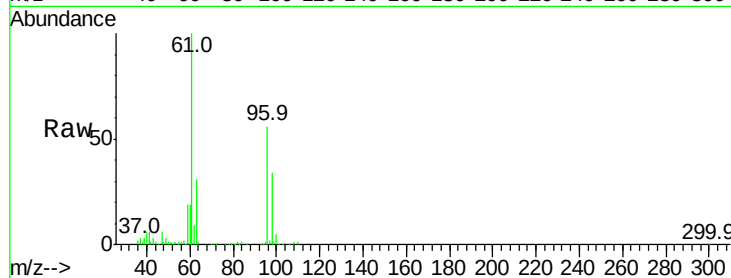
VSTDICCC010

Tgt Ion: 59 Resp: 164534

Ion Ratio Lower Upper

59 100

57 9.8 7.7 11.5



#18

1,1-Dichloroethene

Concen: 9.284 ppbv

RT: 4.35 min Scan# 440

Delta R.T. -0.00 min

Lab File: VL033434.D

Acq: 25 Mar 2019 10:28

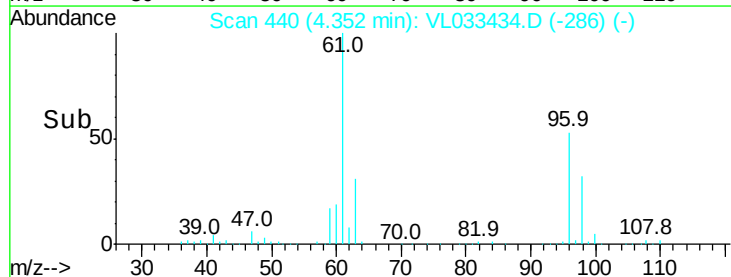
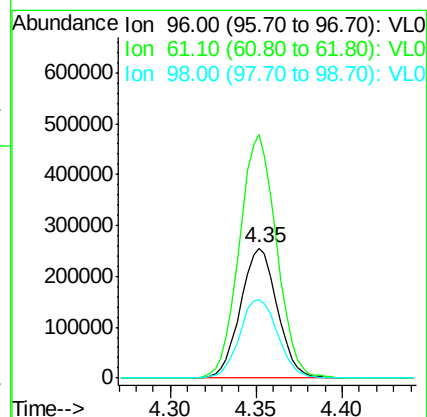
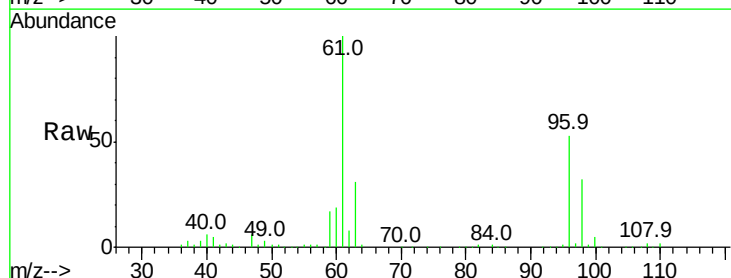
Tgt Ion: 96 Resp: 378757

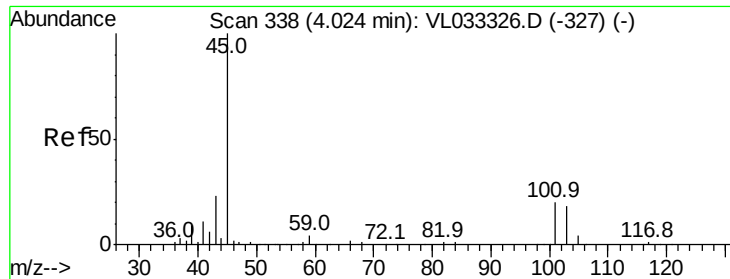
Ion Ratio Lower Upper

96 100

61 187.2 148.6 222.8

98 60.9 50.3 75.5





#19

Isopropyl Alcohol

Concen: 9.772 ppbv

RT: 4.02 min Scan# 337

Delta R.T. -0.00 min

Lab File: VL033434.D

Acq: 25 Mar 2019 10:28

Instrument :

MSVOA_L

ClientSampleId :

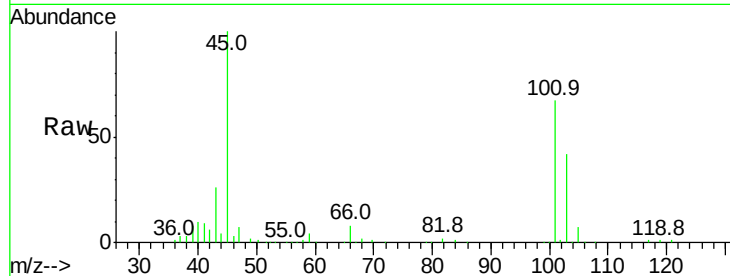
VSTDICCC010

Tgt Ion: 45 Resp: 554914

Ion Ratio Lower Upper

45 100

58 1.8 1.5 2.3



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

4.02

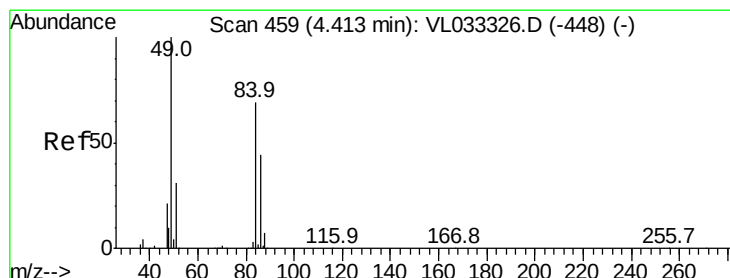
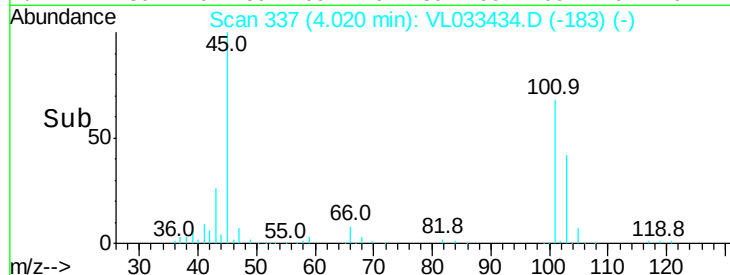
300000

200000

100000

0

Time-->



#20

Methylene Chloride

Concen: 8.298 ppbv

RT: 4.41 min Scan# 457

Delta R.T. -0.01 min

Lab File: VL033434.D

Acq: 25 Mar 2019 10:28

Tgt Ion: 84 Resp: 323046

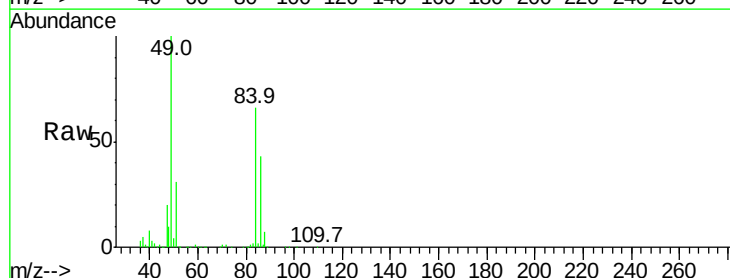
Ion Ratio Lower Upper

84 100

49 150.0 115.4 173.0

51 45.9 35.8 53.6

86 64.9 50.6 75.8



Abundance Ion 84.00 (83.70 to 84.70): VL0

Ion 49.10 (48.80 to 49.80): VL0

Ion 51.10 (50.80 to 51.80): VL0

Ion 86.00 (85.70 to 86.70): VL0

4.41

400000

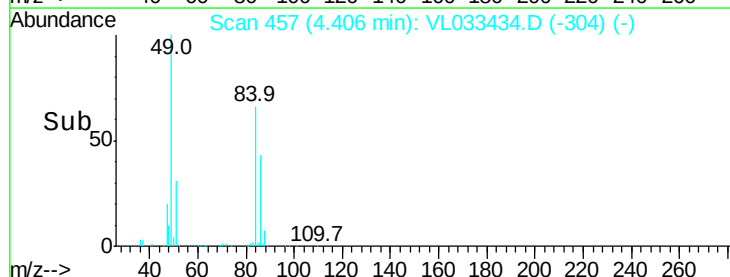
300000

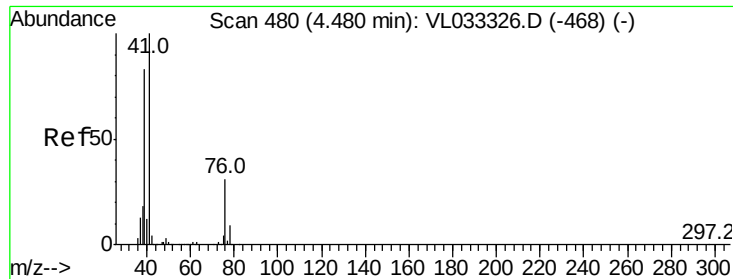
200000

100000

0

Time-->

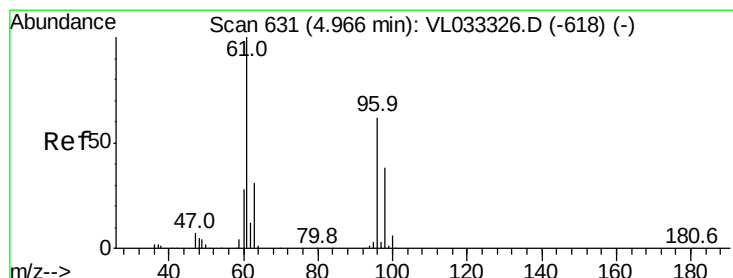
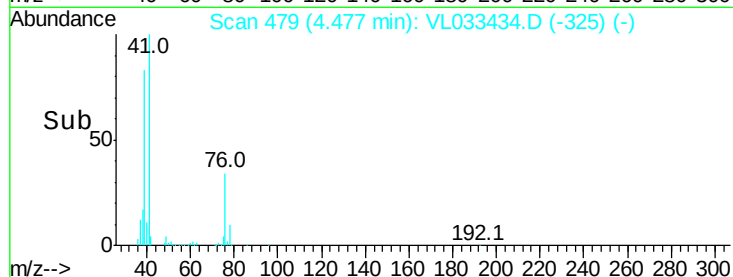
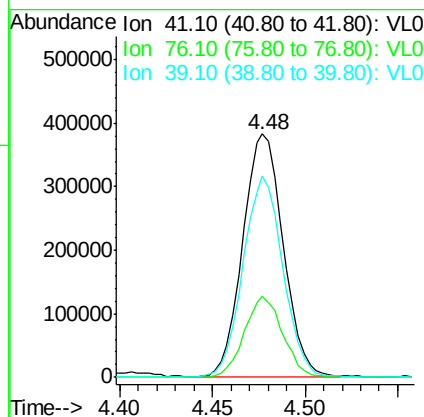
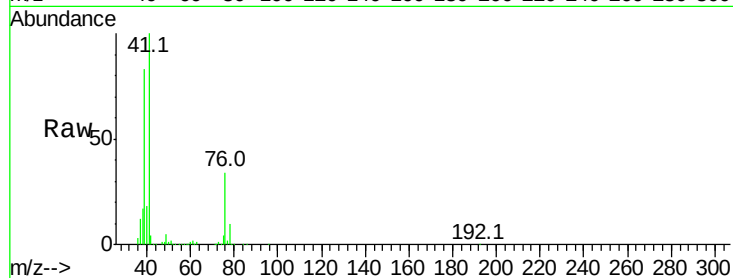




#21
 Allyl Chloride
 Concen: 9.994 ppbv
 RT: 4.48 min Scan# 479
 Delta R.T. -0.00 min
 Lab File: VL033434.D
 Acq: 25 Mar 2019 10:28

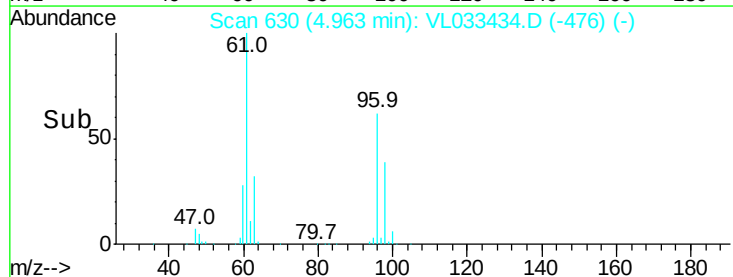
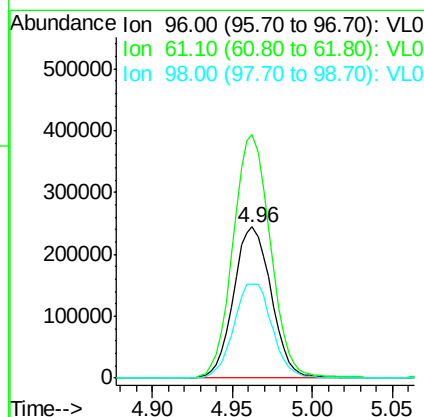
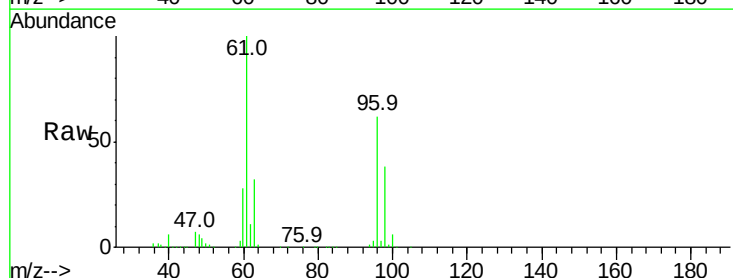
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

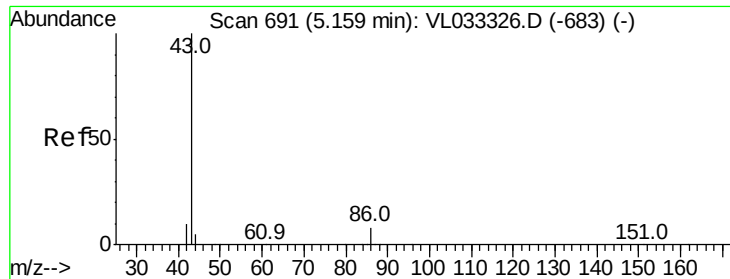
Tgt Ion	Ratio	Lower	Upper
41	100		
76	31.8	25.0	37.4
39	81.6	65.9	98.9



#22
 trans-1,2-Dichloroethene
 Concen: 9.890 ppbv
 RT: 4.96 min Scan# 630
 Delta R.T. -0.00 min
 Lab File: VL033434.D
 Acq: 25 Mar 2019 10:28

Tgt Ion	Ratio	Lower	Upper
96	100		
61	161.1	130.0	195.0
98	61.9	50.0	75.0





#23

Vinyl Acetate

Concen: 9.606 ppbv

RT: 5.15 min Scan# 689

Delta R.T. -0.01 min

Lab File: VL033434.D

Acq: 25 Mar 2019 10:28

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion: 43 Resp: 1326885

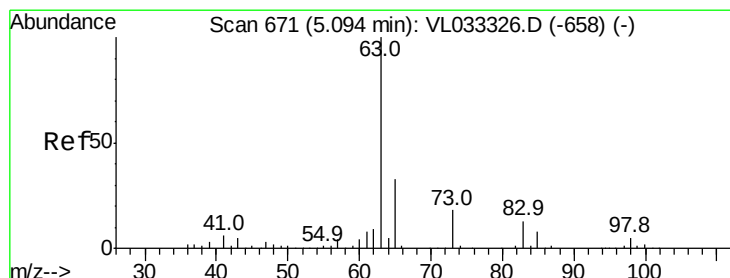
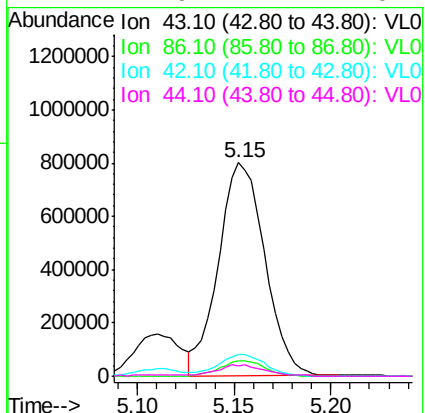
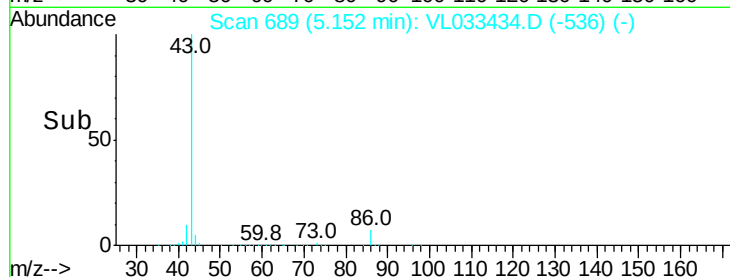
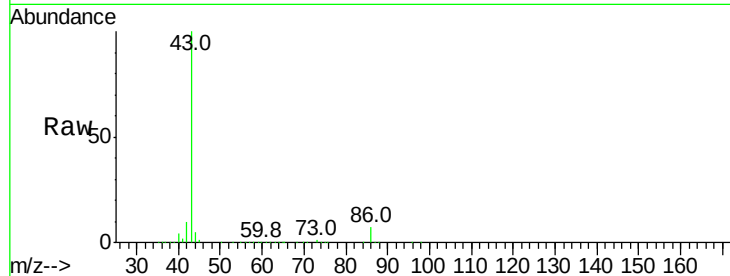
Ion Ratio Lower Upper

43 100

86 7.0 6.2 9.2

42 10.0 8.1 12.1

44 4.9 4.1 6.1



#24

1,1-Dichloroethane

Concen: 9.378 ppbv

RT: 5.09 min Scan# 670

Delta R.T. -0.00 min

Lab File: VL033434.D

Acq: 25 Mar 2019 10:28

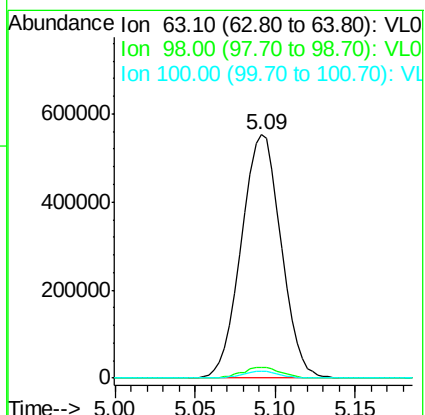
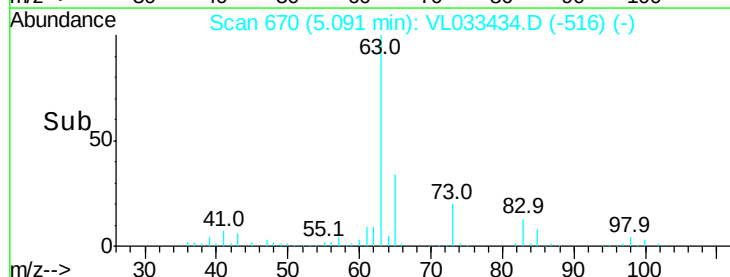
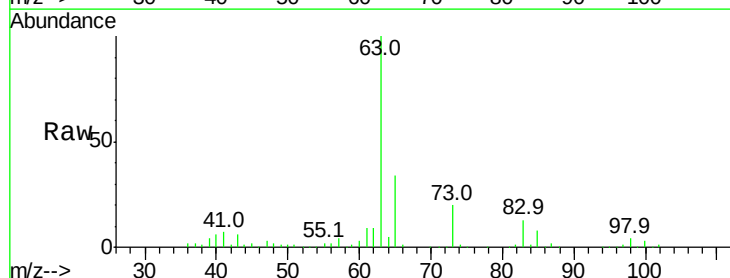
Tgt Ion: 63 Resp: 935569

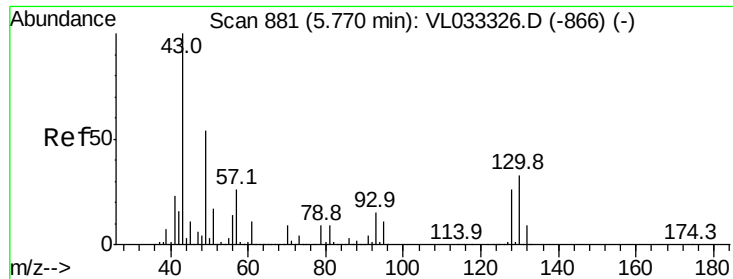
Ion Ratio Lower Upper

63 100

98 4.4 2.4 7.1

100 2.9 1.3 3.8



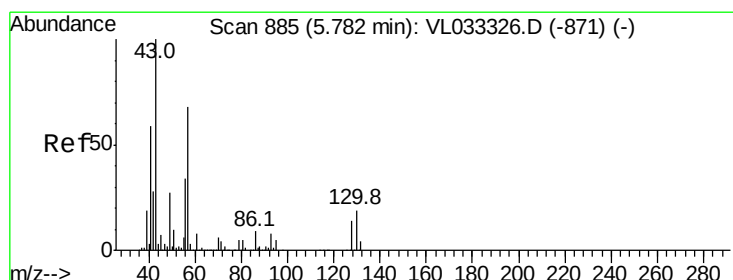
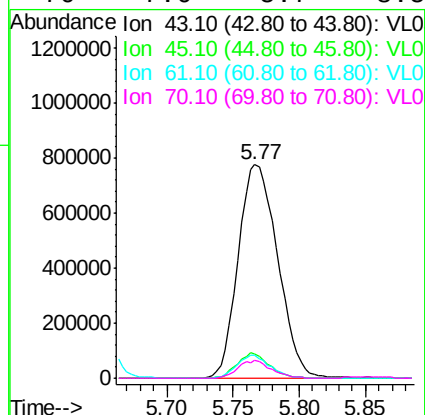
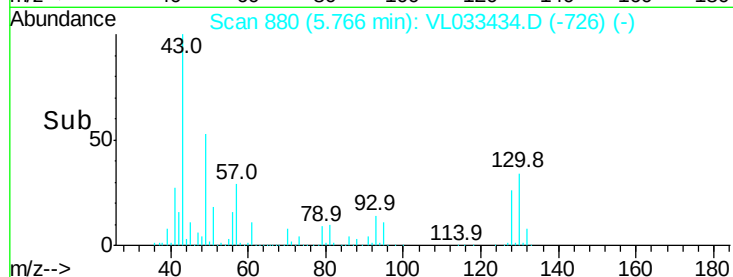
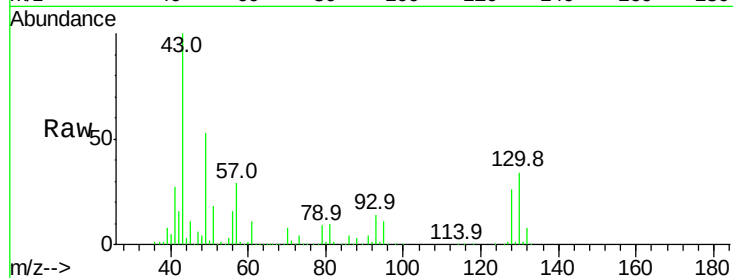


#25
Ethyl Acetate
Concen: 9.262 ppbv
RT: 5.77 min Scan# 880
Delta R.T. -0.00 min
Lab File: VL033434.D
Acq: 25 Mar 2019 10:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 43 Resp: 1607304

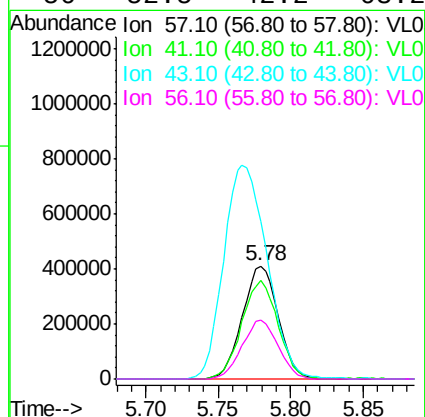
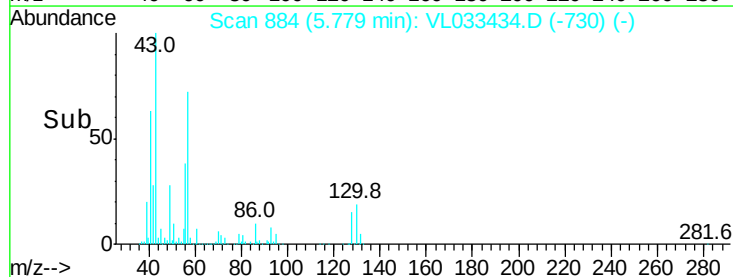
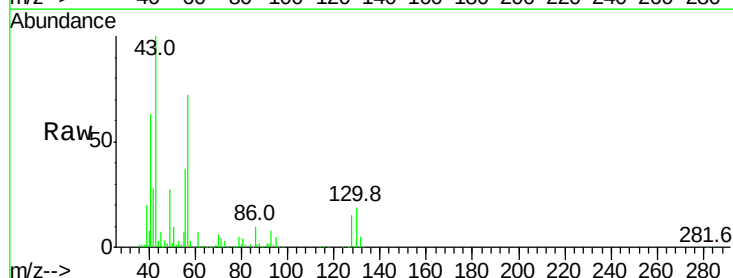
Ion	Ratio	Lower	Upper
43	100		
45	9.7	7.9	11.9
61	9.1	7.4	11.2
70	7.0	5.7	8.5

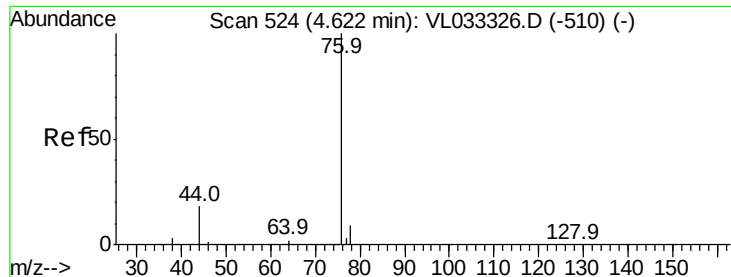


#26
Hexane
Concen: 9.105 ppbv
RT: 5.78 min Scan# 884
Delta R.T. -0.00 min
Lab File: VL033434.D
Acq: 25 Mar 2019 10:28

Tgt Ion: 57 Resp: 706345

Ion	Ratio	Lower	Upper
57	100		
41	88.4	70.5	105.7
43	228.3	181.8	272.8
56	52.5	42.2	63.2





#27

Carbon Disulfide

Concen: 10.632 ppbv

RT: 4.62 min Scan# 523

Delta R.T. -0.00 min

Lab File: VL033434.D

Acq: 25 Mar 2019 10:28

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

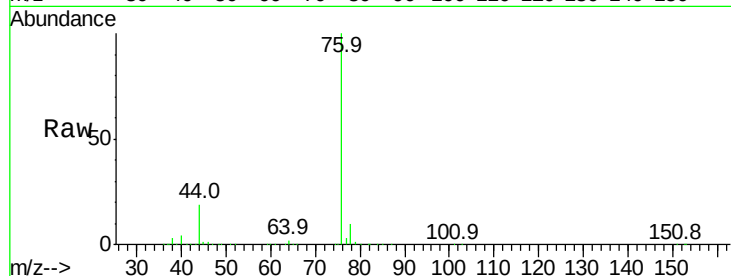
Tgt Ion: 76 Resp: 949547

Ion Ratio Lower Upper

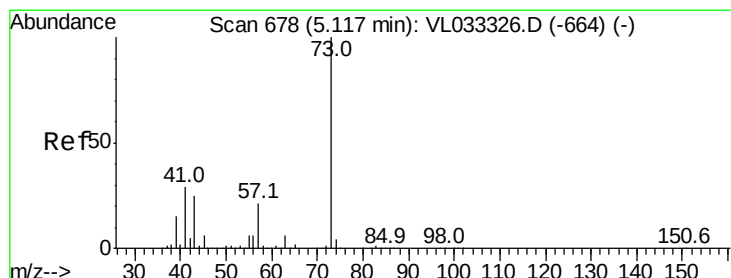
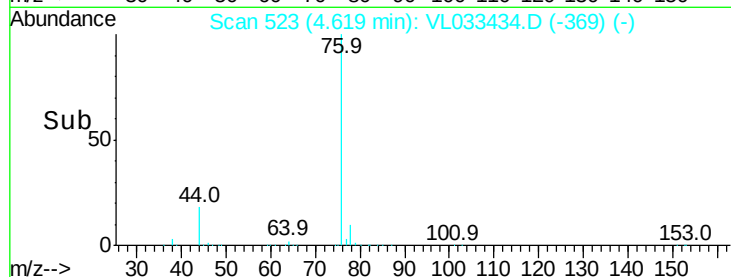
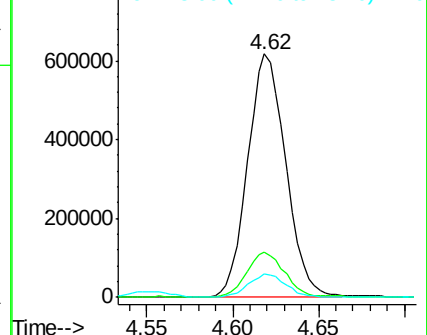
76 100

44 18.5 15.2 22.8

78 9.5 7.2 10.8



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: 9.604 ppbv

RT: 5.11 min Scan# 676

Delta R.T. -0.01 min

Lab File: VL033434.D

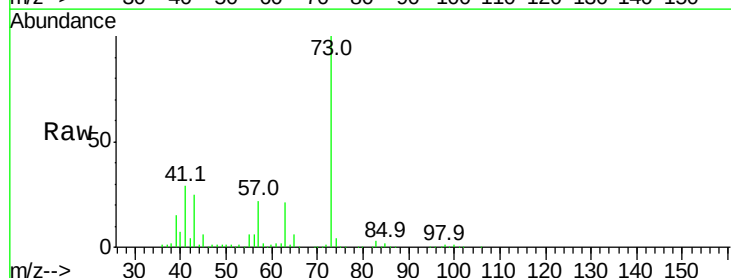
Acq: 25 Mar 2019 10:28

Tgt Ion: 73 Resp: 1106666

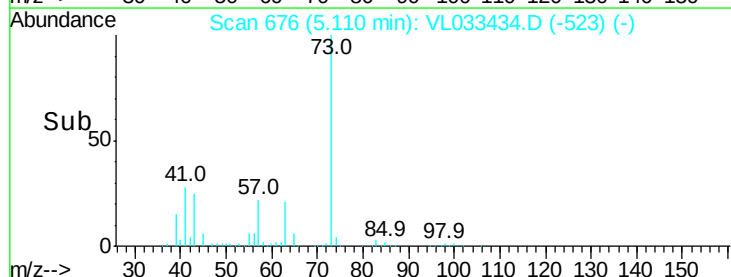
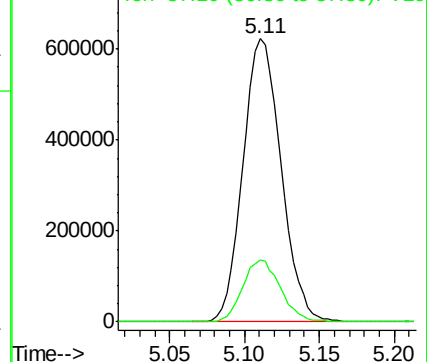
Ion Ratio Lower Upper

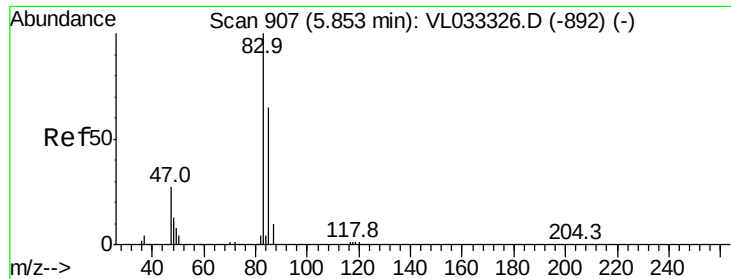
73 100

57 21.8 17.4 26.0



Abundance Ion 73.10 (72.80 to 73.80): VL0
Ion 57.10 (56.80 to 57.80): VL0





#29

Chloroform

Concen: 9.526 ppbv

RT: 5.85 min Scan# 906

Delta R.T. -0.00 min

Lab File: VL033434.D

Acq: 25 Mar 2019 10:28

Instrument :

MSVOA_L

ClientSampleId :

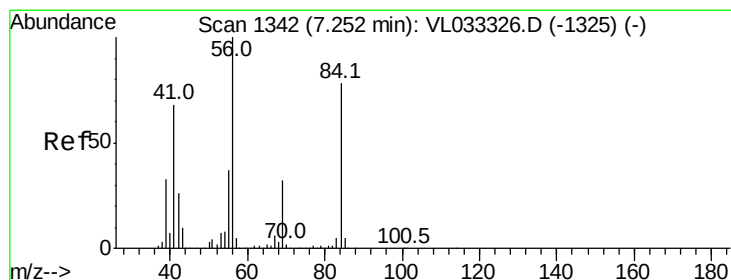
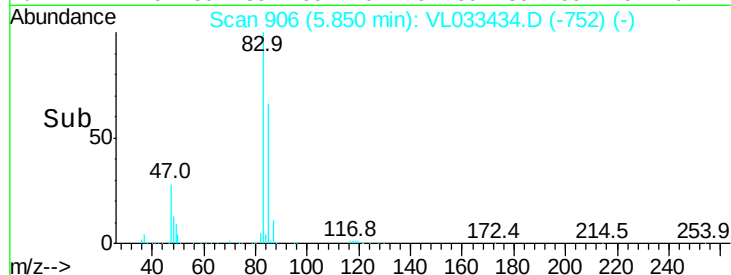
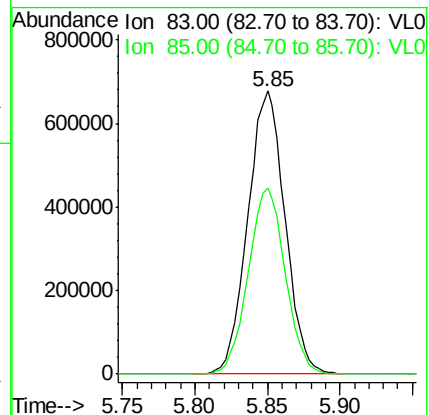
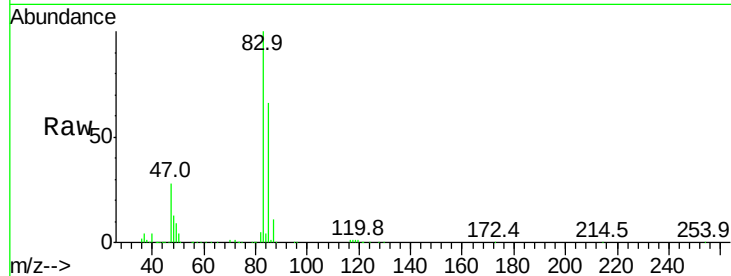
VSTDICCC010

Tgt Ion: 83 Resp: 1210057

Ion Ratio Lower Upper

83 100

85 65.8 52.0 78.0



#30

Cyclohexane

Concen: 9.670 ppbv

RT: 7.25 min Scan# 1341

Delta R.T. -0.00 min

Lab File: VL033434.D

Acq: 25 Mar 2019 10:28

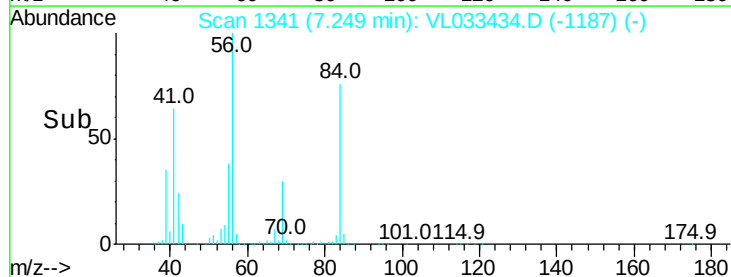
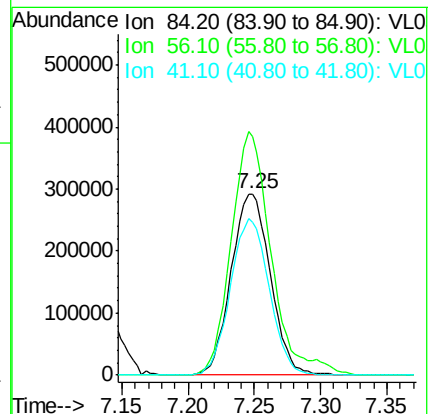
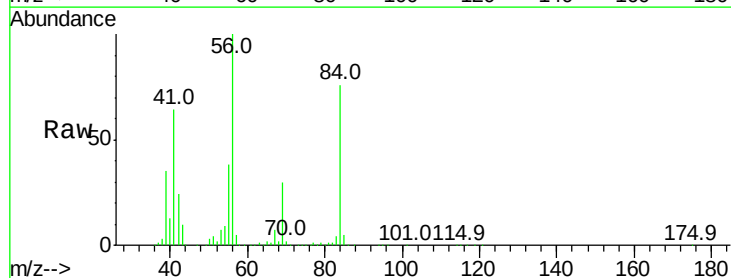
Tgt Ion: 84 Resp: 601442

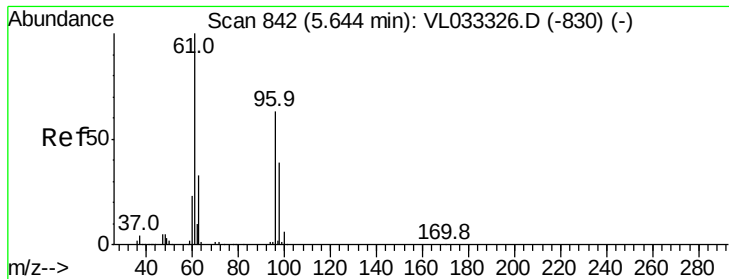
Ion Ratio Lower Upper

84 100

56 137.1 111.3 166.9

41 85.2 69.6 104.4

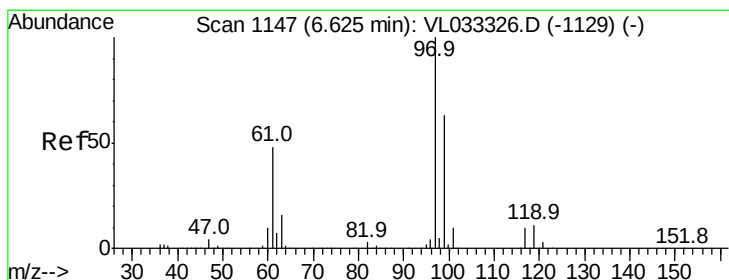
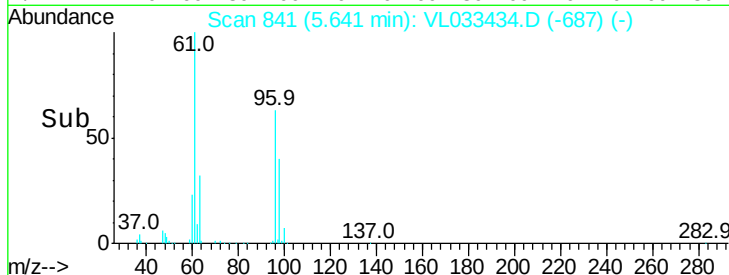
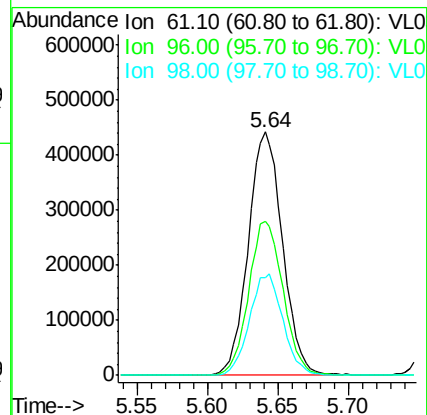
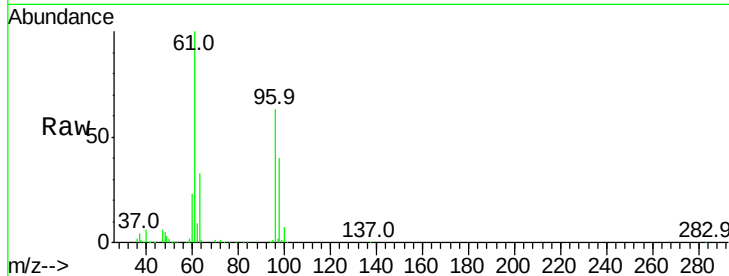




#31
 cis-1,2-Dichloroethene
 Concen: 9.722 ppbv
 RT: 5.64 min Scan# 841
 Delta R.T. -0.00 min
 Lab File: VL033434.D
 Acq: 25 Mar 2019 10:28

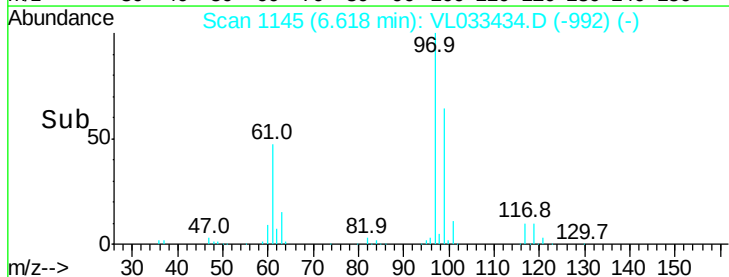
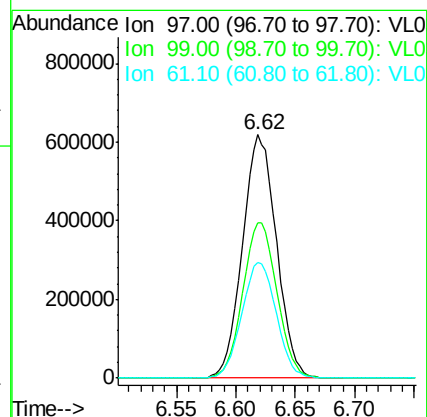
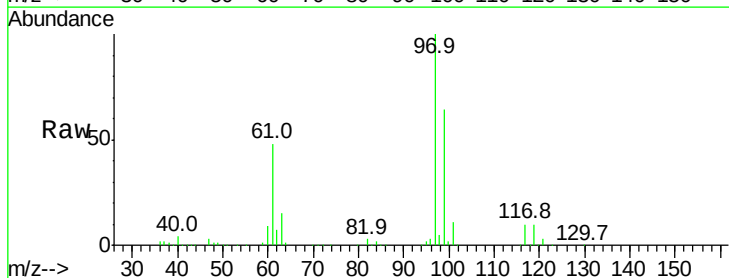
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

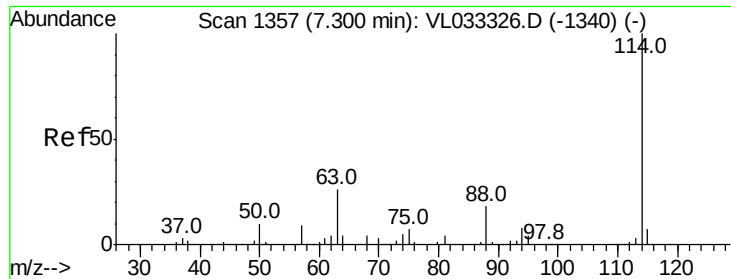
Tgt Ion: 61 Resp: 754136
 Ion Ratio Lower Upper
 61 100
 96 63.3 50.3 75.5
 98 40.2 31.5 47.3



#32
 1,1,1-Trichloroethane
 Concen: 9.798 ppbv
 RT: 6.62 min Scan# 1145
 Delta R.T. -0.01 min
 Lab File: VL033434.D
 Acq: 25 Mar 2019 10:28

Tgt Ion: 97 Resp: 1222008
 Ion Ratio Lower Upper
 97 100
 99 64.4 51.0 76.6
 61 48.5 39.3 58.9

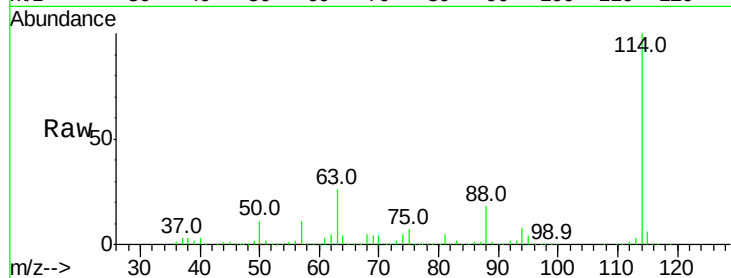




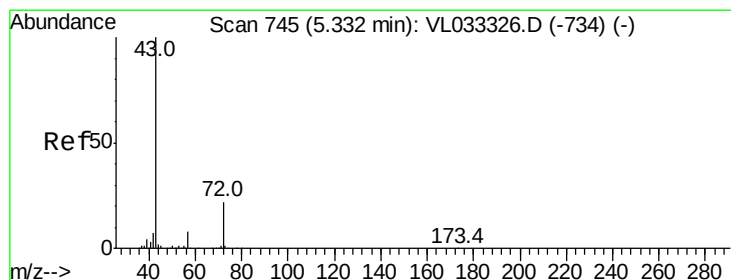
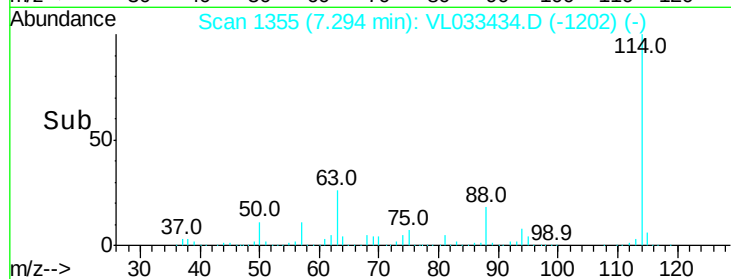
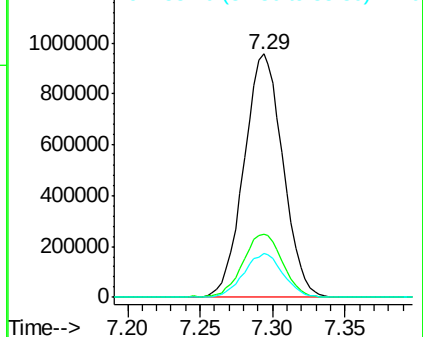
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.29 min Scan# 1355
 Delta R.T. -0.01 min
 Lab File: VL033434.D
 Acq: 25 Mar 2019 10:28

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

Tgt Ion:114 Resp: 1787912
 Ion Ratio Lower Upper
 114 100
 63 26.9 21.4 32.2
 88 18.1 14.5 21.7

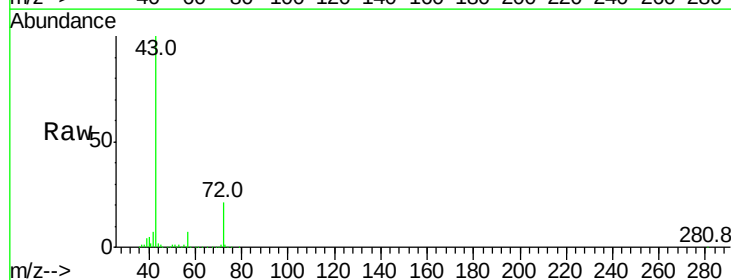


Abundance Ion 114.10 (113.80 to 114.80): V

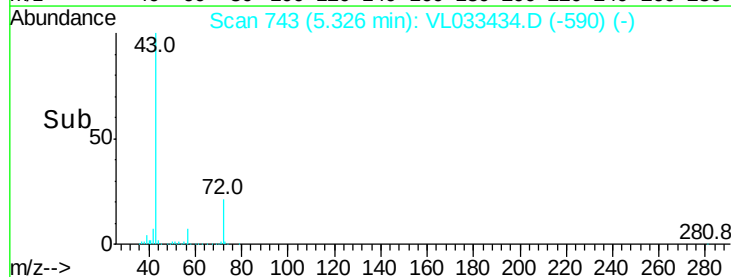
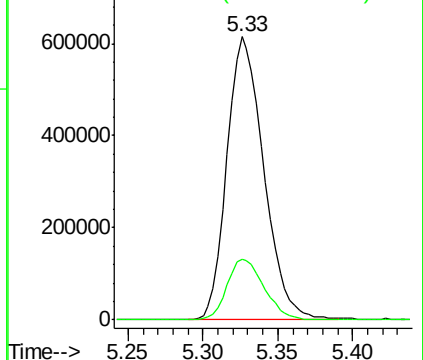


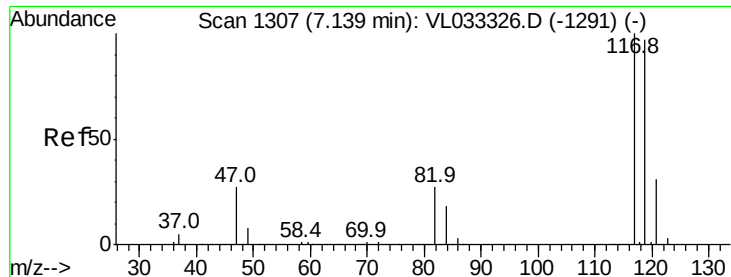
#34
 2-Butanone
 Concen: 8.964 ppbv
 RT: 5.33 min Scan# 743
 Delta R.T. -0.01 min
 Lab File: VL033434.D
 Acq: 25 Mar 2019 10:28

Tgt Ion: 43 Resp: 1052493
 Ion Ratio Lower Upper
 43 100
 72 21.8 17.7 26.5



Abundance Ion 43.10 (42.80 to 43.80): VL0





#35

Carbon Tetrachloride

Concen: 10.239 ppbv

RT: 7.13 min Scan# 1305

Delta R.T. -0.01 min

Lab File: VL033434.D

Acq: 25 Mar 2019 10:28

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

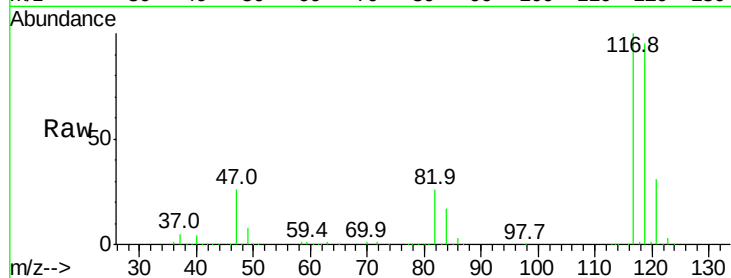
Tgt Ion:117 Resp: 1290570

Ion Ratio Lower Upper

117 100

119 94.8 77.4 116.0

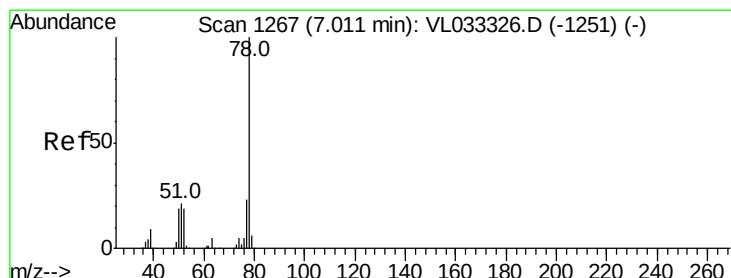
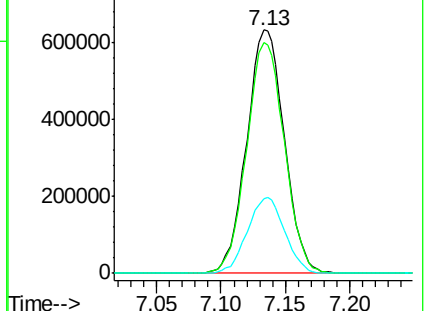
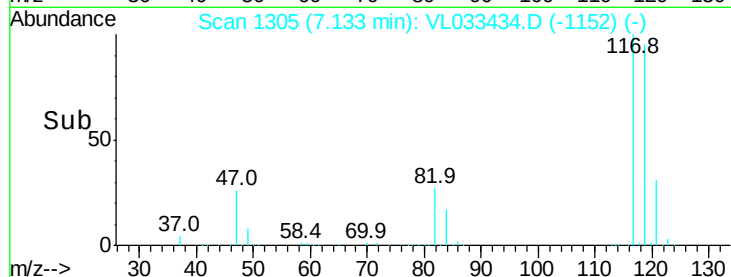
121 30.9 24.9 37.3



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: 9.216 ppbv

RT: 7.00 min Scan# 1265

Delta R.T. -0.01 min

Lab File: VL033434.D

Acq: 25 Mar 2019 10:28

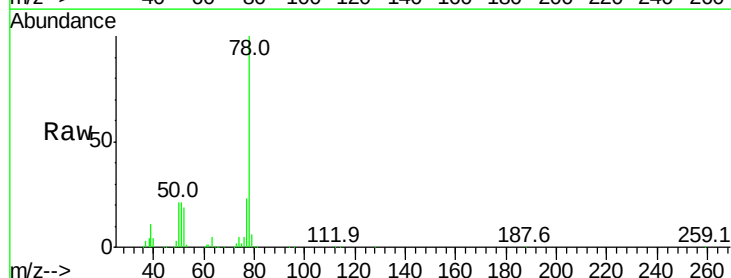
Tgt Ion: 78 Resp: 1474672

Ion Ratio Lower Upper

78 100

77 22.6 18.1 27.1

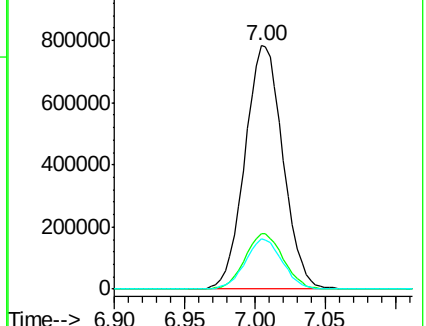
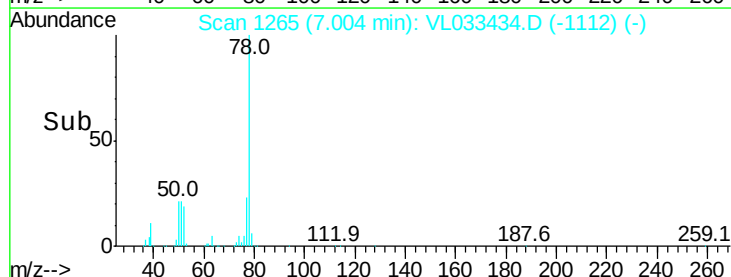
50 20.9 15.2 22.8

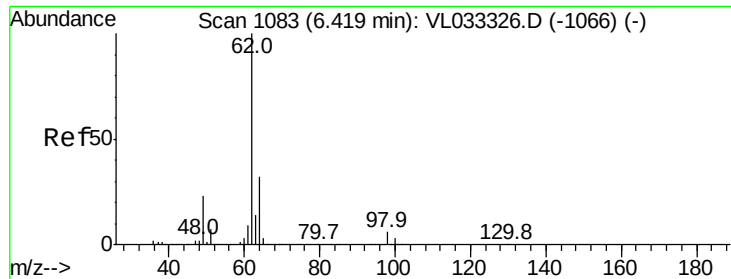


Abundance Ion 78.10 (77.80 to 78.80): VL0

Ion 77.10 (76.80 to 77.80): VL0

Ion 50.10 (49.80 to 50.80): VL0

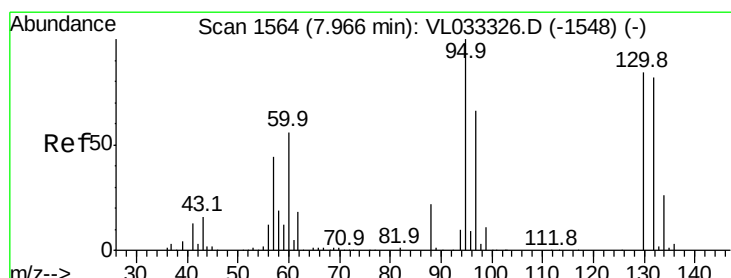
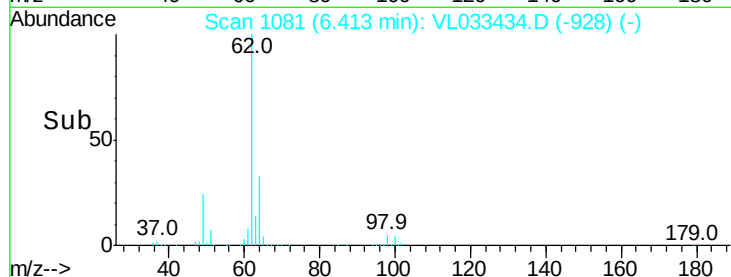
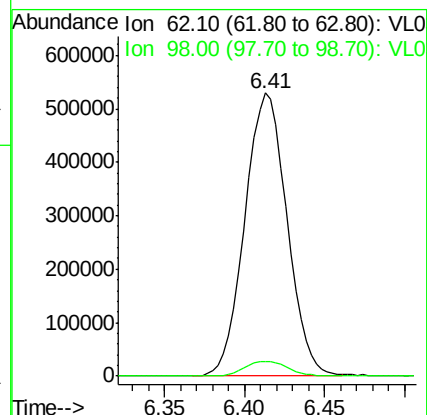
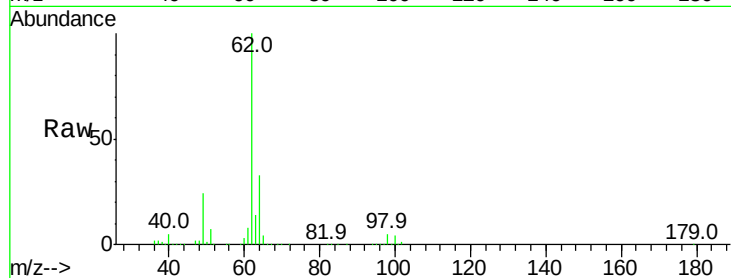




#37
 1,2-Dichloroethane
 Concen: 9.417 ppbv
 RT: 6.41 min Scan# 1081
 Delta R.T. -0.01 min
 Lab File: VL033434.D
 Acq: 25 Mar 2019 10:28

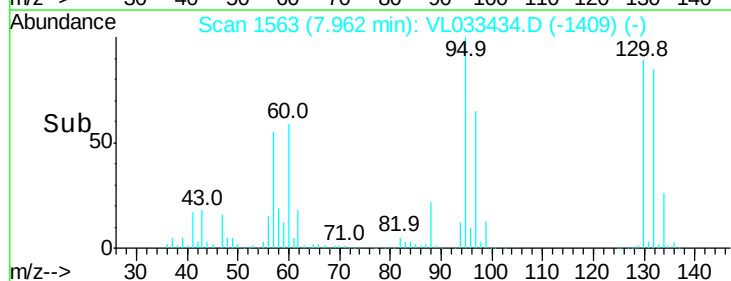
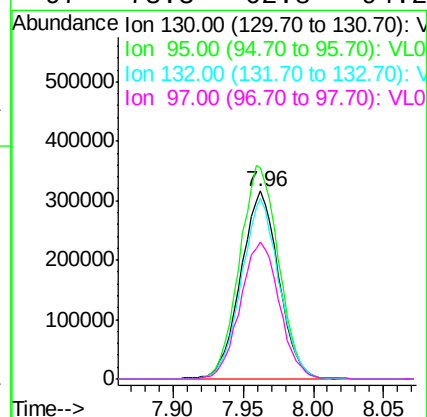
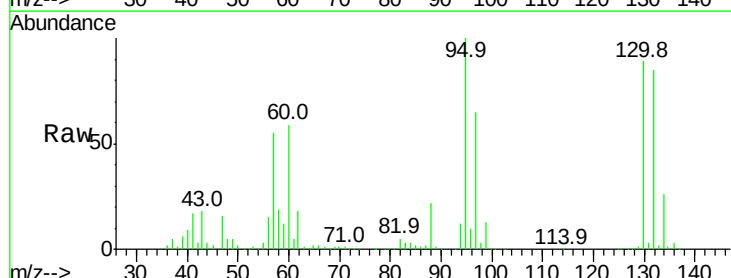
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

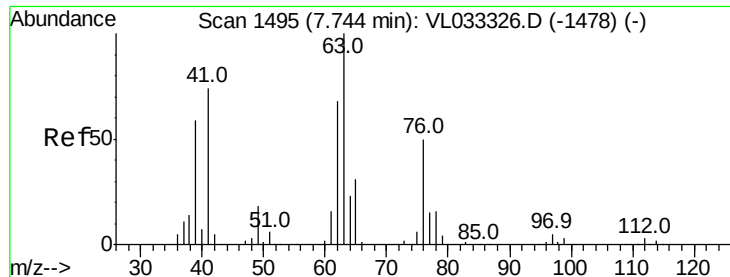
Tgt Ion: 62 Resp: 952730
 Ion Ratio Lower Upper
 62 100
 98 5.5 4.5 6.7



#38
 Trichloroethene
 Concen: 9.795 ppbv
 RT: 7.96 min Scan# 1563
 Delta R.T. -0.00 min
 Lab File: VL033434.D
 Acq: 25 Mar 2019 10:28

Tgt Ion: 130 Resp: 593102
 Ion Ratio Lower Upper
 130 100
 95 112.3 95.2 142.8
 132 95.8 77.7 116.5
 97 73.3 62.8 94.2

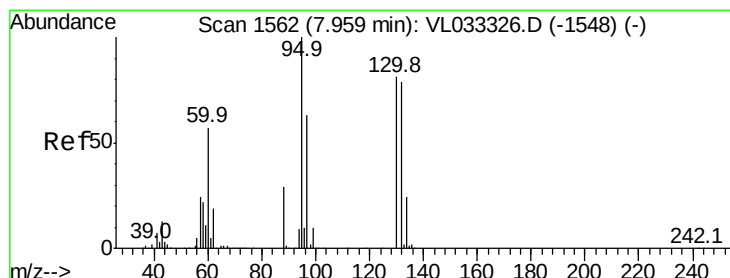
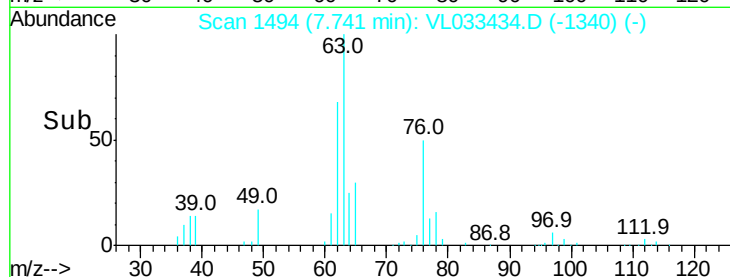
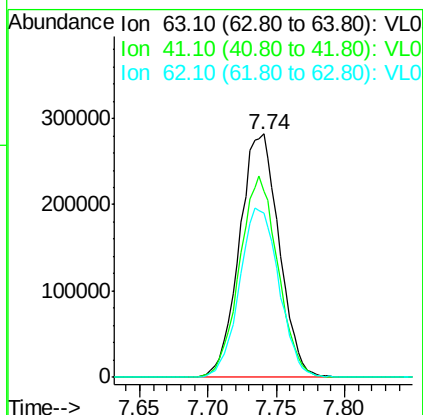
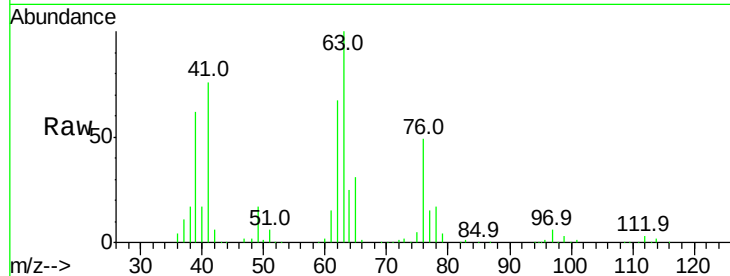




#39
 1,2-Dichloropropane
 Concen: 9.510 ppbv
 RT: 7.74 min Scan# 1494
 Delta R.T. -0.00 min
 Lab File: VL033434.D
 Acq: 25 Mar 2019 10:28

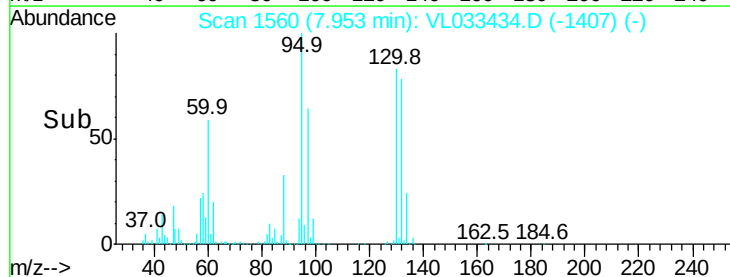
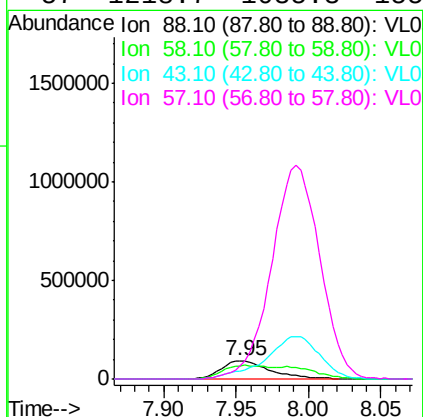
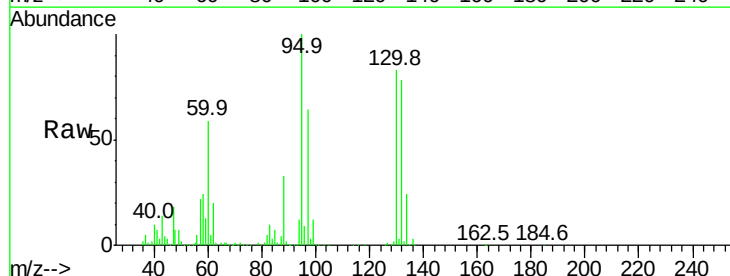
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

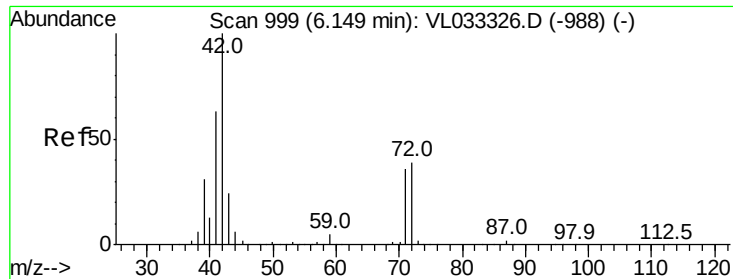
Tgt Ion: 63 Resp: 569880
 Ion Ratio Lower Upper
 63 100
 41 76.5 59.5 89.3
 62 67.5 54.7 82.1



#40
 1,4-Dioxane
 Concen: 9.807 ppbv
 RT: 7.95 min Scan# 1560
 Delta R.T. -0.01 min
 Lab File: VL033434.D
 Acq: 25 Mar 2019 10:28

Tgt Ion: 88 Resp: 206929
 Ion Ratio Lower Upper
 88 100
 58 132.0 107.9 161.9
 43 270.9 230.8 346.2
 57 1218.7 1035.3 1552.9

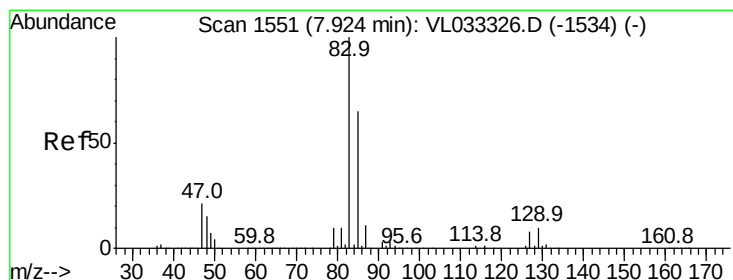
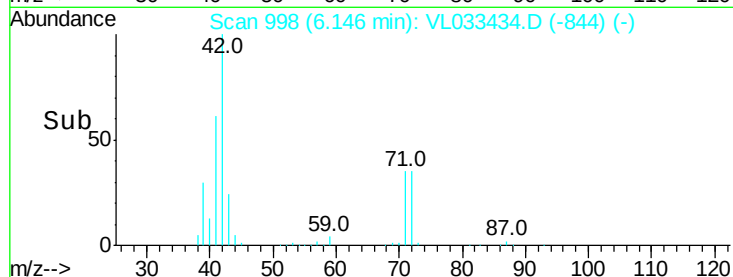
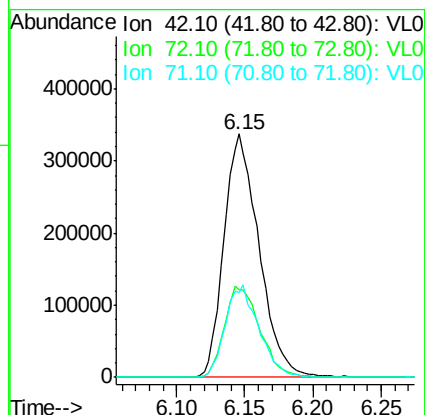
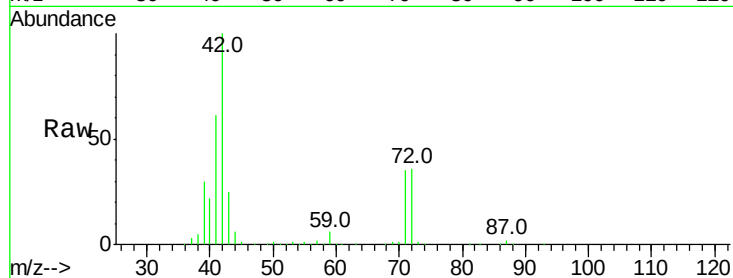




#41
Tetrahydrofuran
Concen: 9.608 ppbv
RT: 6.15 min Scan# 998
Delta R.T. -0.00 min
Lab File: VL033434.D
Acq: 25 Mar 2019 10:28

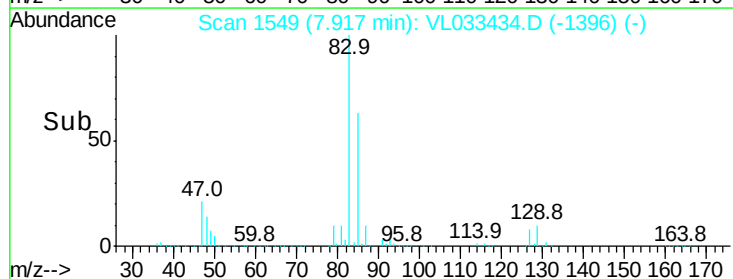
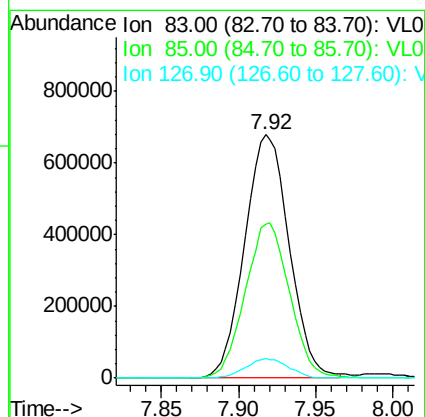
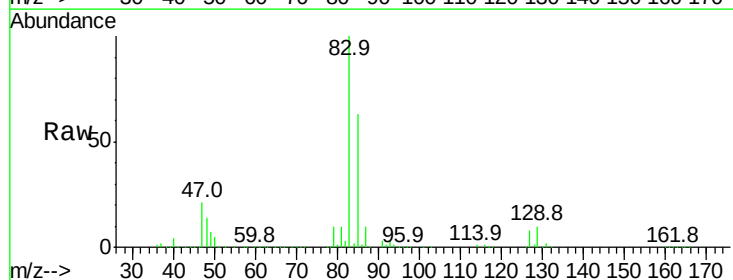
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

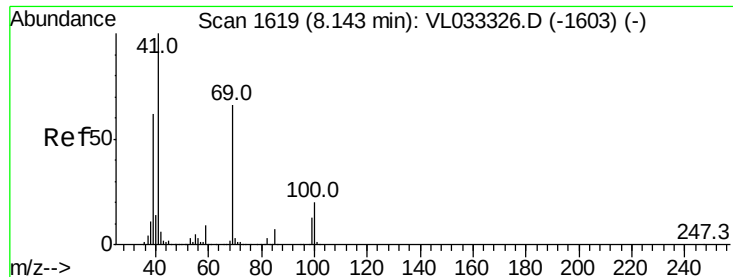
Tgt Ion: 42 Resp: 602018
Ion Ratio Lower Upper
42 100
72 37.7 31.6 47.4
71 36.8 29.9 44.9



#42
Bromodichloromethane
Concen: 10.037 ppbv
RT: 7.92 min Scan# 1549
Delta R.T. -0.01 min
Lab File: VL033434.D
Acq: 25 Mar 2019 10:28

Tgt Ion: 83 Resp: 1361471
Ion Ratio Lower Upper
83 100
85 63.4 51.8 77.6
127 8.2 6.2 9.2





#43

Methyl Methacrylate

Concen: 9.965 ppbv

RT: 8.14 min Scan# 1617

Delta R.T. -0.01 min

Lab File: VL033434.D

Acq: 25 Mar 2019 10:28

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

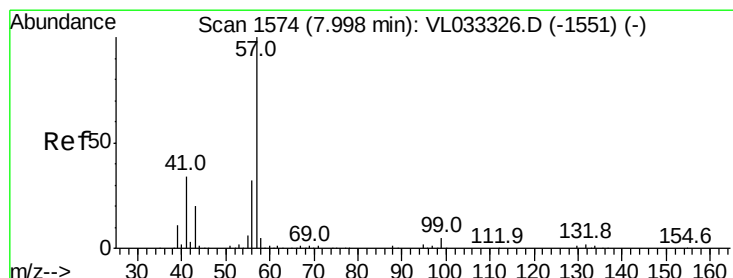
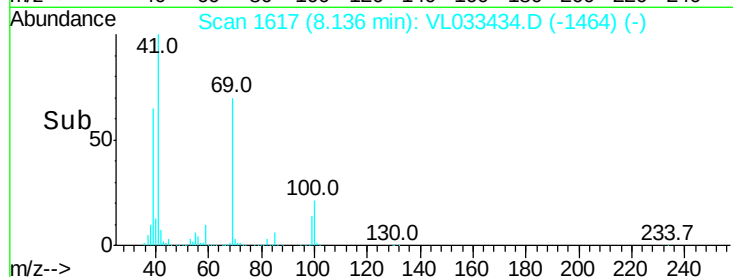
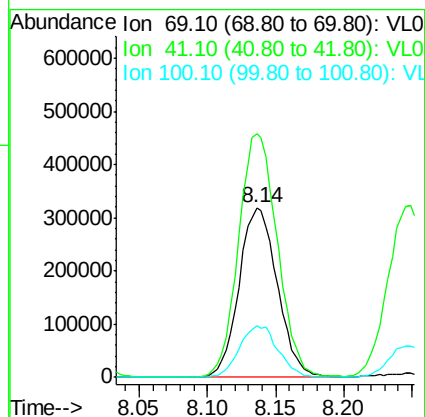
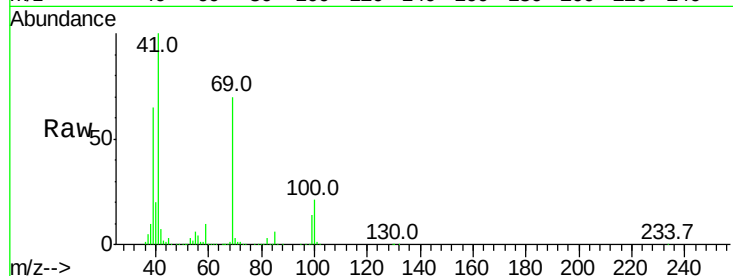
Tgt Ion: 69 Resp: 620815

Ion Ratio Lower Upper

69 100

41 145.7 119.5 179.3

100 30.5 24.4 36.6



#44

2,2,4-Trimethylpentane

Concen: 9.492 ppbv

RT: 7.99 min Scan# 1572

Delta R.T. -0.01 min

Lab File: VL033434.D

Acq: 25 Mar 2019 10:28

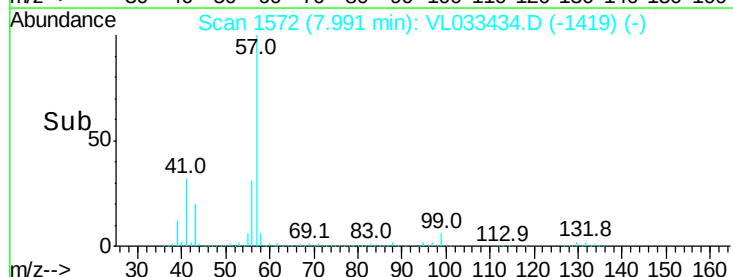
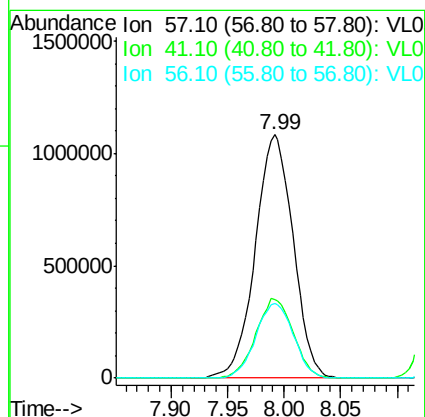
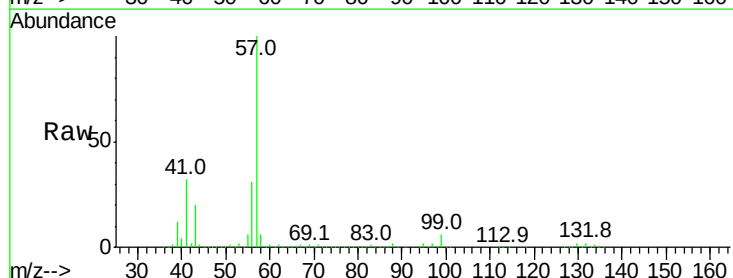
Tgt Ion: 57 Resp: 2515472

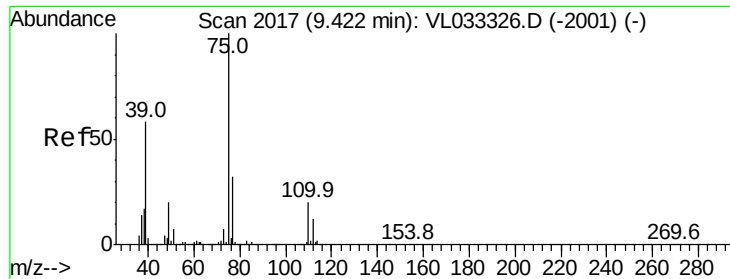
Ion Ratio Lower Upper

57 100

41 32.5 26.0 39.0

56 30.8 24.6 36.8





#45

t-1,3-Dichloropropene

Concen: 11.343 ppbv

RT: 9.42 min Scan# 2016

Delta R.T. -0.00 min

Lab File: VL033434.D

Acq: 25 Mar 2019 10:28

Instrument :

MSVOA_L

ClientSampleId :

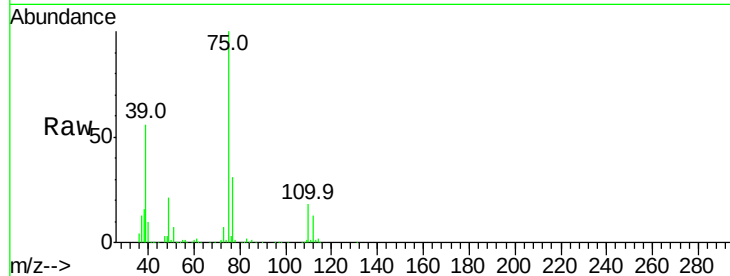
VSTDICCC010

Tgt Ion: 75 Resp: 872485

Ion Ratio Lower Upper

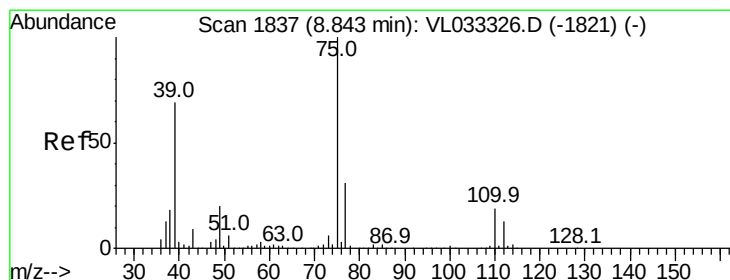
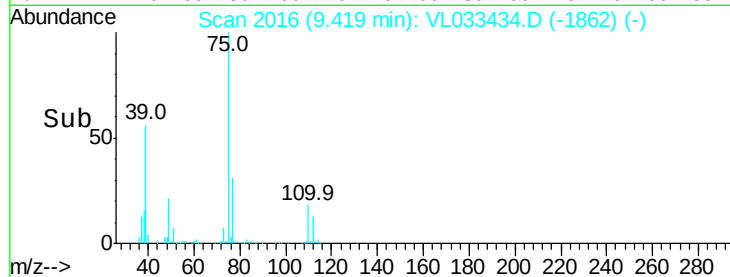
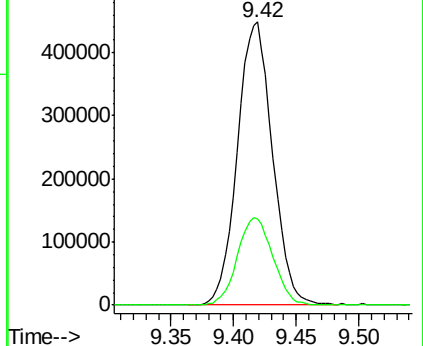
75 100

77 30.6 25.5 38.3



Abundance Ion 75.10 (74.80 to 75.80): VL0

Ion 77.10 (76.80 to 77.80): VL0



#46

cis-1,3-Dichloropropene

Concen: 10.596 ppbv

RT: 8.84 min Scan# 1835

Delta R.T. -0.01 min

Lab File: VL033434.D

Acq: 25 Mar 2019 10:28

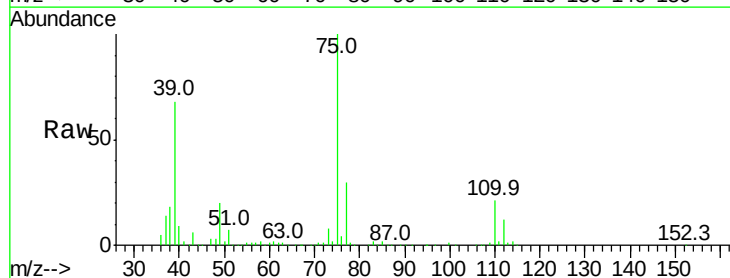
Tgt Ion: 75 Resp: 959743

Ion Ratio Lower Upper

75 100

39 67.6 55.0 82.6

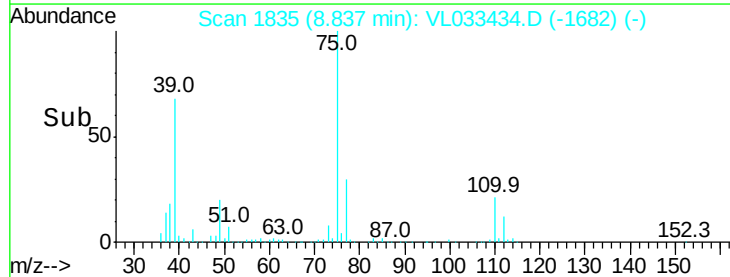
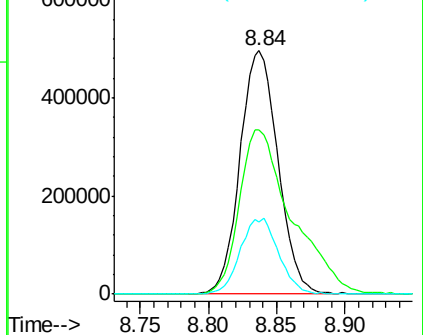
77 29.9 24.5 36.7

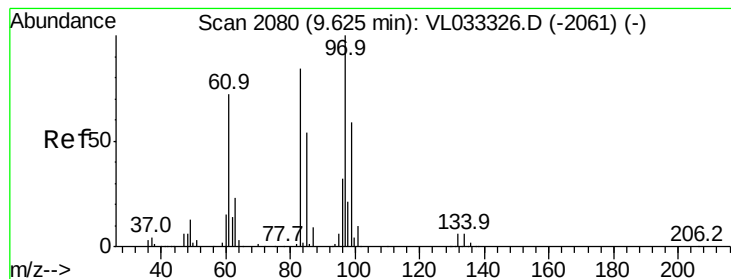


Abundance Ion 75.00 (74.70 to 75.70): VL0

Ion 39.00 (38.70 to 39.70): VL0

Ion 77.00 (76.70 to 77.70): VL0





#47

1,1,2-Trichloroethane

Concen: 9.657 ppbv

RT: 9.62 min Scan# 2078

Delta R.T. -0.01 min

Lab File: VL033434.D

Acq: 25 Mar 2019 10:28

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion: 97 Resp: 639354

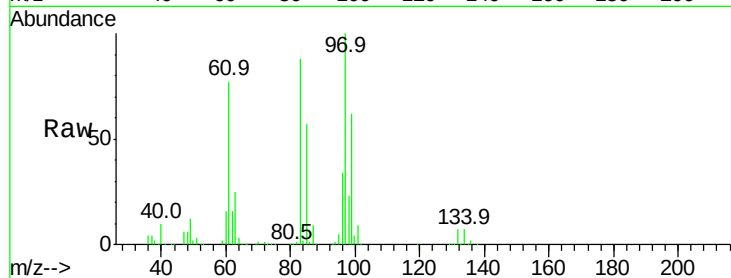
Ion Ratio Lower Upper

97 100

83 88.1 67.4 101.0

85 57.0 43.0 64.4

99 61.7 47.0 70.6

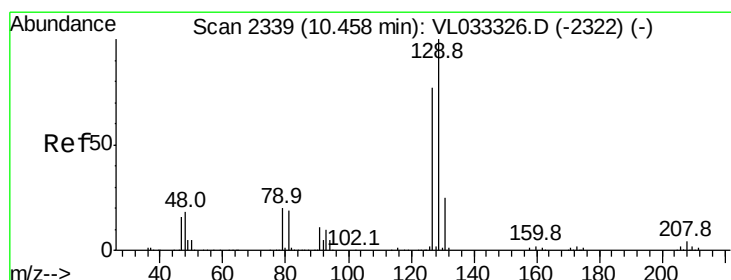
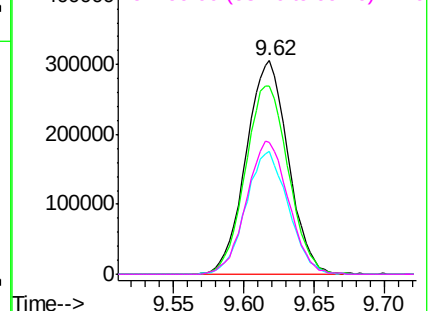
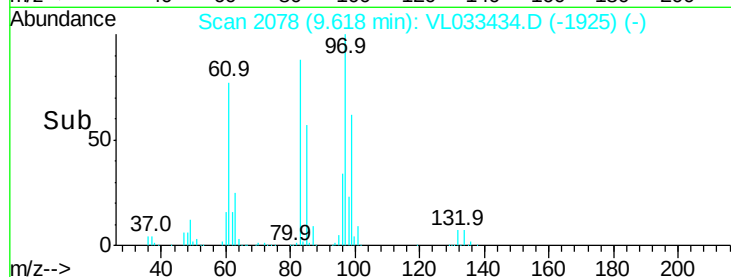


Abundance Ion 97.00 (96.70 to 97.70): VL0

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: 10.677 ppbv

RT: 10.45 min Scan# 2338

Delta R.T. -0.00 min

Lab File: VL033434.D

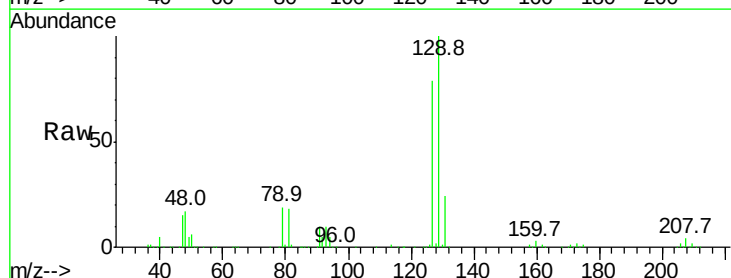
Acq: 25 Mar 2019 10:28

Tgt Ion: 129 Resp: 1185499

Ion Ratio Lower Upper

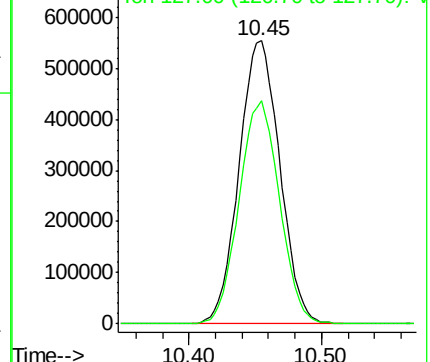
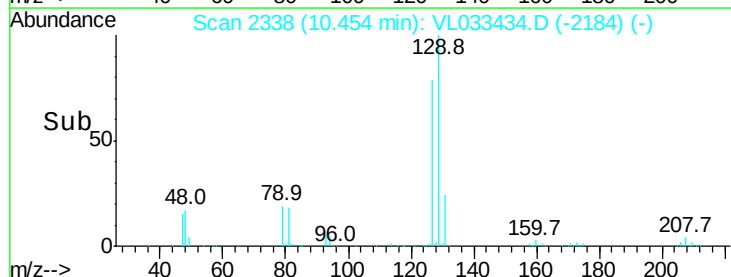
129 100

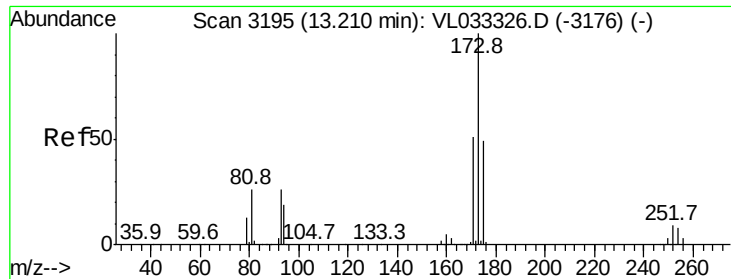
127 78.1 38.9 116.6



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V





#49

Bromoform

Concen: 13.697 ppbv

RT: 13.21 min Scan# 3194

Delta R.T. -0.00 min

Lab File: VL033434.D

Acq: 25 Mar 2019 10:28

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

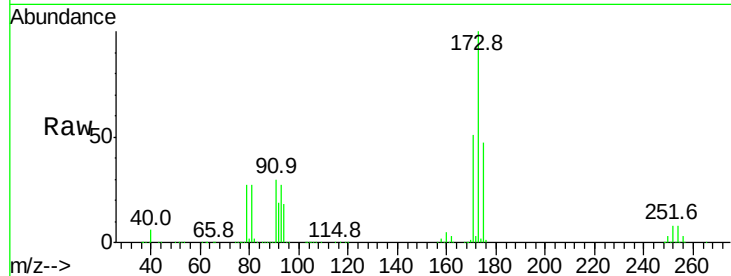
Tgt Ion:173 Resp: 1442626

Ion Ratio Lower Upper

173 100

175 49.1 39.0 58.6

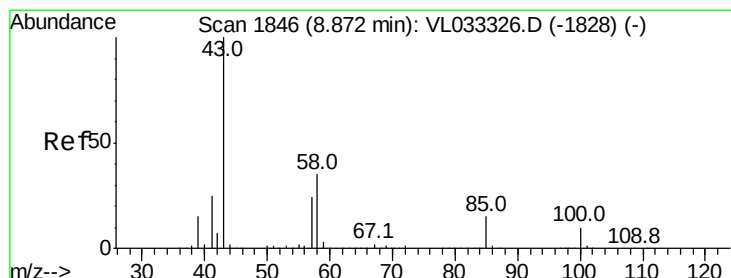
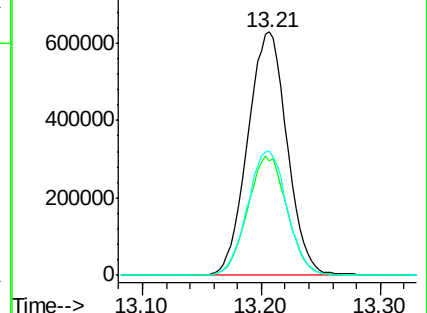
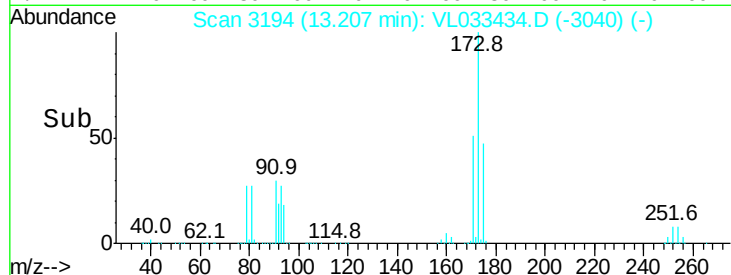
171 51.5 41.7 62.5



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: 9.493 ppbv

RT: 8.87 min Scan# 1844

Delta R.T. -0.01 min

Lab File: VL033434.D

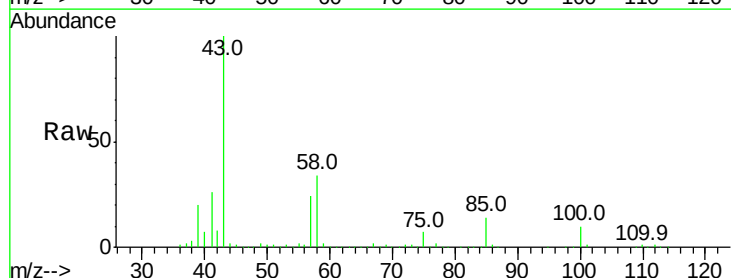
Acq: 25 Mar 2019 10:28

Tgt Ion: 43 Resp: 1574375

Ion Ratio Lower Upper

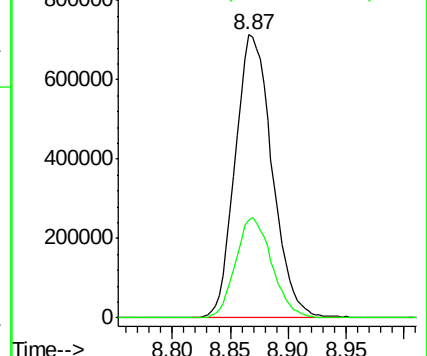
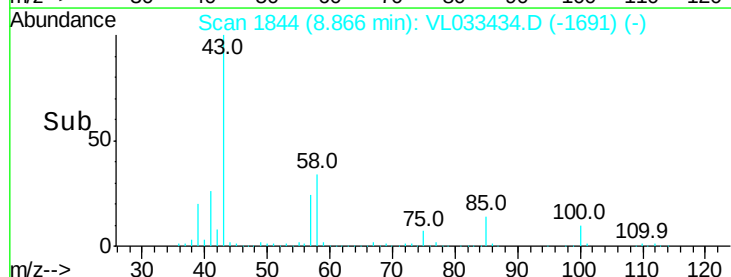
43 100

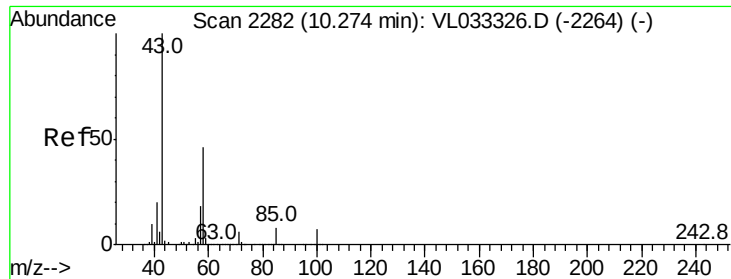
58 35.0 28.4 42.6



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0





#51

2-Hexanone

Concen: 9.760 ppbv

RT: 10.27 min Scan# 2281

Delta R.T. -0.00 min

Lab File: VL033434.D

Acq: 25 Mar 2019 10:28

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

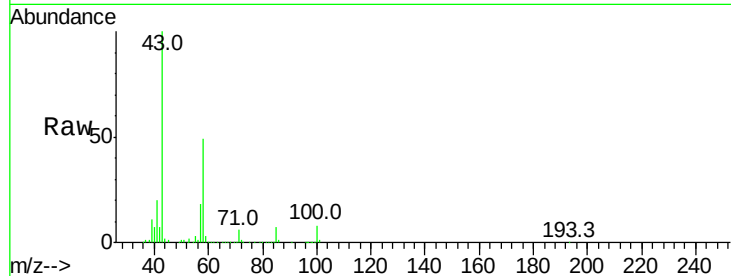
Tgt Ion: 43 Resp: 1248866

Ion Ratio Lower Upper

43 100

58 47.7 38.0 57.0

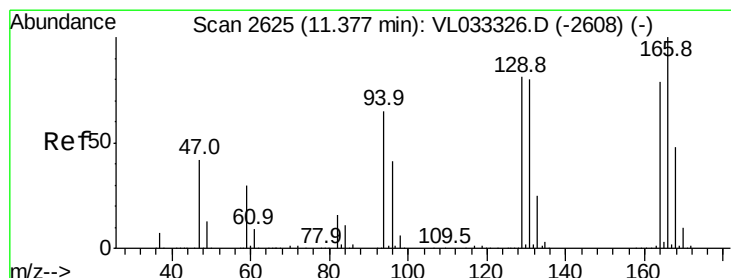
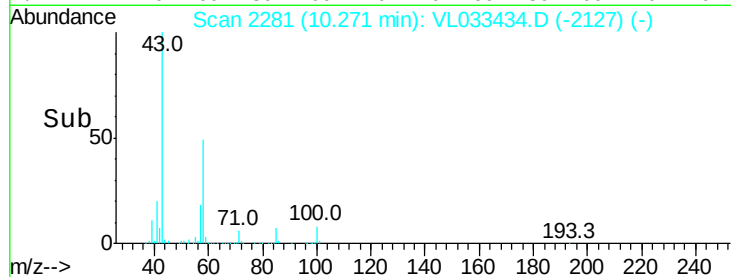
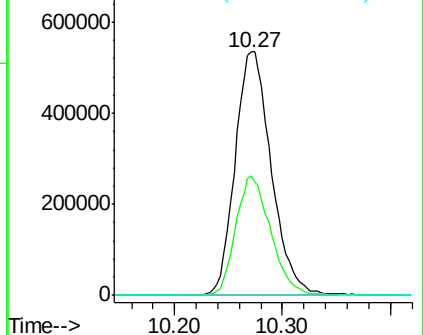
98 0.2 0.1 0.1#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

Ion 98.20 (97.90 to 98.90): VL0



#52

Tetrachloroethene

Concen: 8.926 ppbv

RT: 11.37 min Scan# 2624

Delta R.T. -0.00 min

Lab File: VL033434.D

Acq: 25 Mar 2019 10:28

Tgt Ion: 164 Resp: 595002

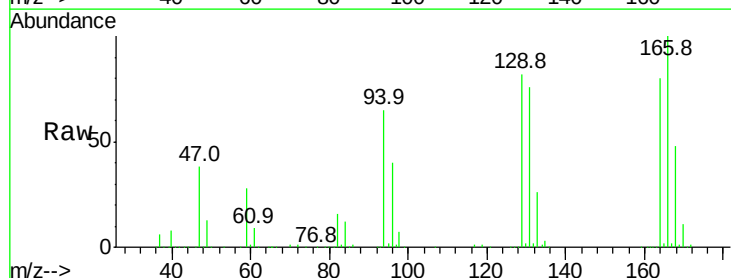
Ion Ratio Lower Upper

164 100

166 124.4 101.5 152.3

129 101.8 82.2 123.2

131 94.5 81.1 121.7

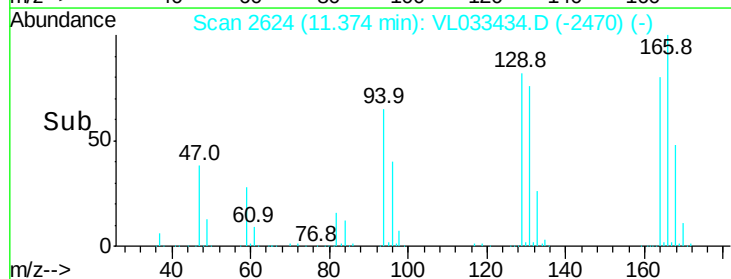
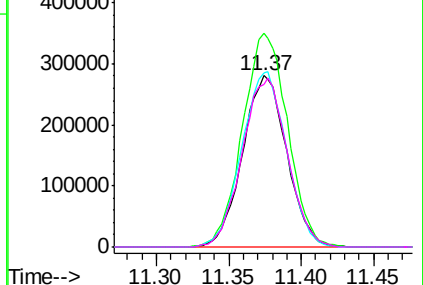


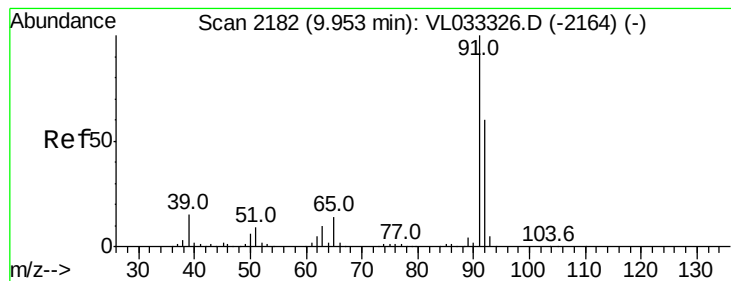
Abundance Ion 163.90 (163.60 to 164.60): V

Ion 165.90 (165.60 to 166.60): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V





#53

Toluene

Concen: 10.038 ppbv

RT: 9.95 min Scan# 2180

Delta R.T. -0.01 min

Lab File: VL033434.D

Acq: 25 Mar 2019 10:28

Instrument :

MSVOA_L

ClientSampleId :

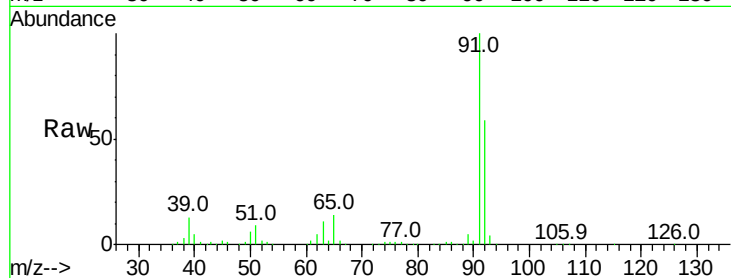
VSTDICCC010

Tgt Ion: 91 Resp: 1825084

Ion Ratio Lower Upper

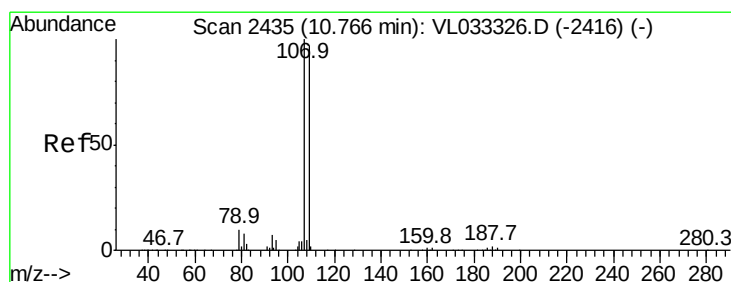
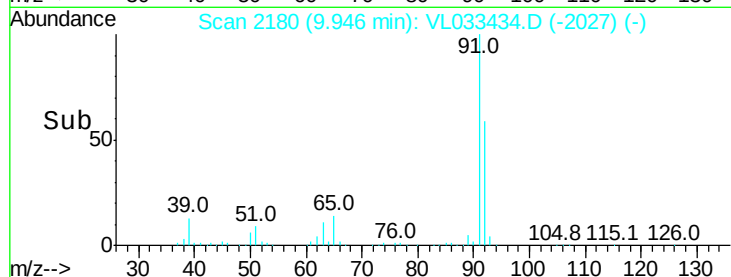
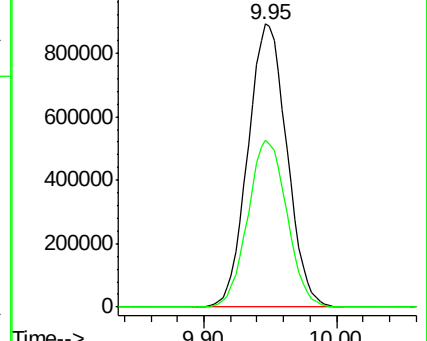
91 100

92 59.2 47.4 71.0



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 92.10 (91.80 to 92.80): VL0



#54

1,2-Dibromoethane

Concen: 9.350 ppbv

RT: 10.76 min Scan# 2434

Delta R.T. -0.00 min

Lab File: VL033434.D

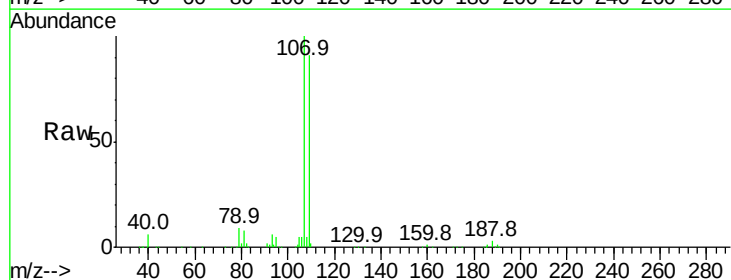
Acq: 25 Mar 2019 10:28

Tgt Ion: 107 Resp: 1046481

Ion Ratio Lower Upper

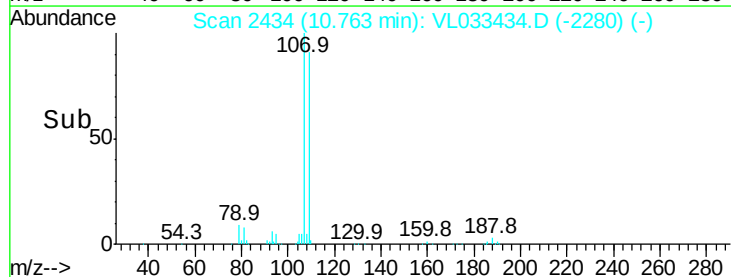
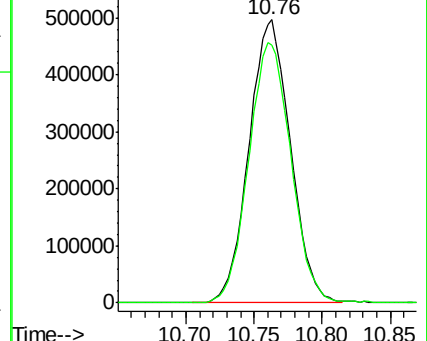
107 100

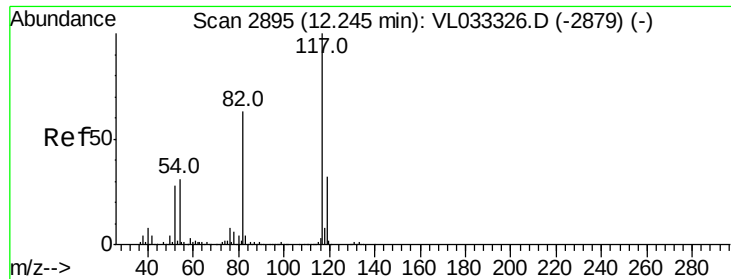
109 90.9 77.2 115.8



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

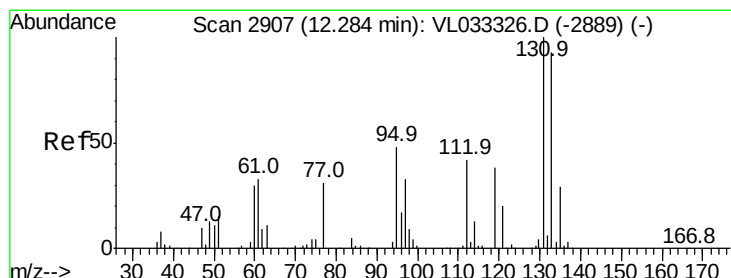
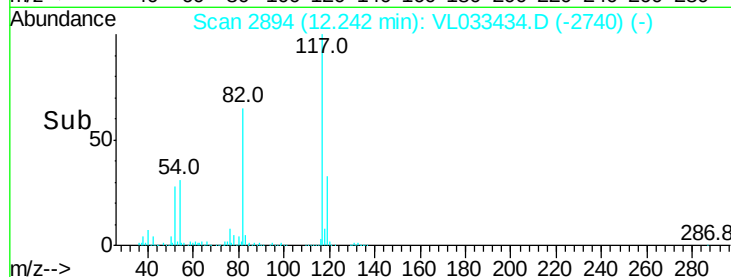
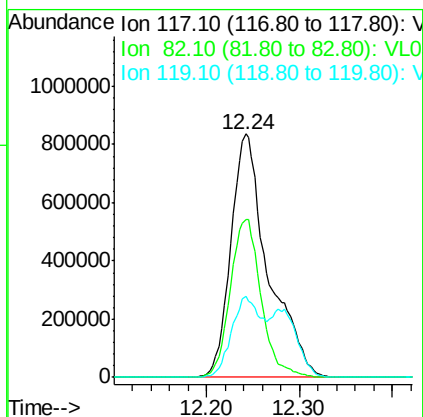
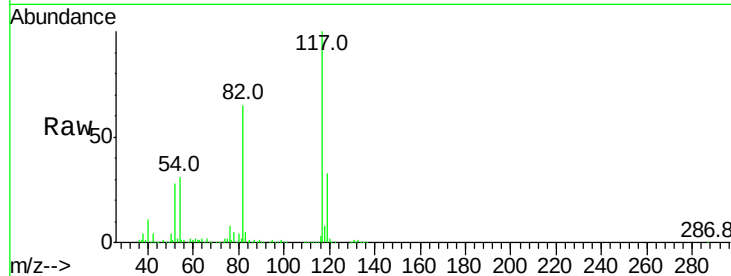




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.24 min Scan# 2894
Delta R.T. -0.00 min
Lab File: VL033434.D
Acq: 25 Mar 2019 10:28

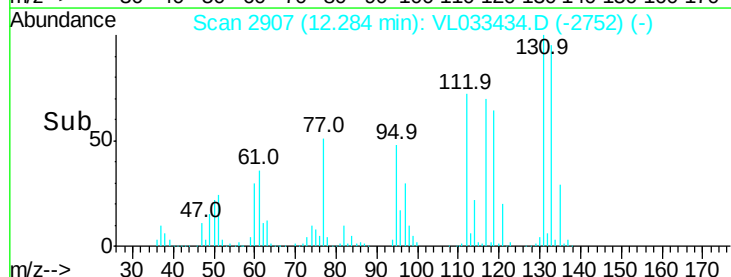
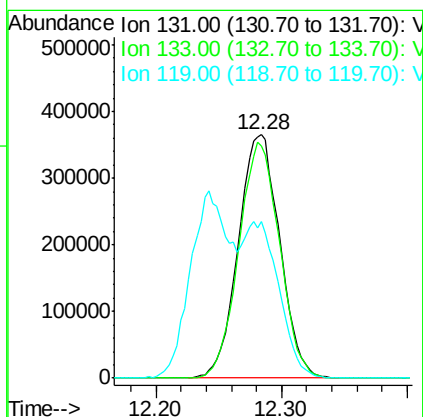
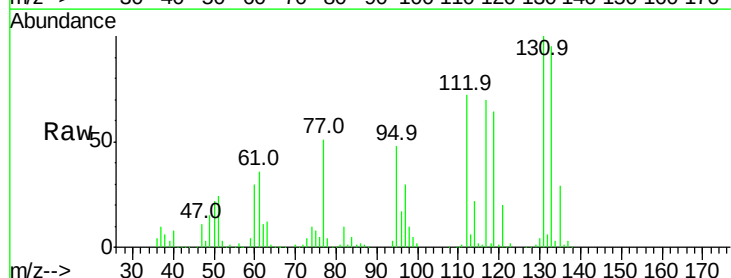
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

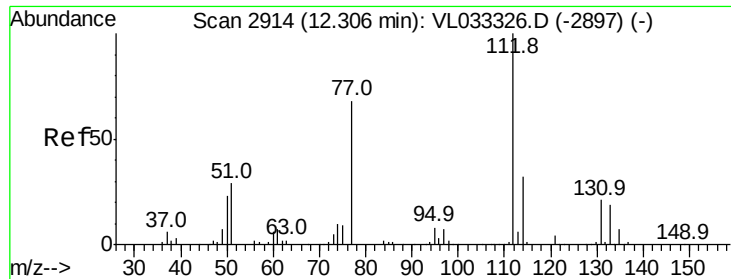
Tgt Ion:117 Resp: 2338665
Ion Ratio Lower Upper
117 100
82 53.7 53.4 80.2
119 26.6 27.3 40.9#



#56
1,1,1,2-Tetrachloroethane
Concen: 8.011 ppbv
RT: 12.28 min Scan# 2907
Delta R.T. -0.00 min
Lab File: VL033434.D
Acq: 25 Mar 2019 10:28

Tgt Ion:131 Resp: 838100
Ion Ratio Lower Upper
131 100
133 95.3 76.7 115.1
119 56.3 40.3 60.5

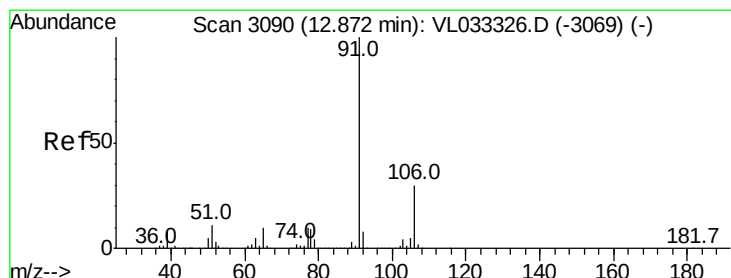
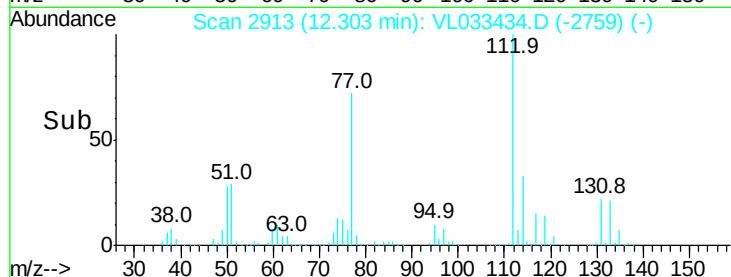
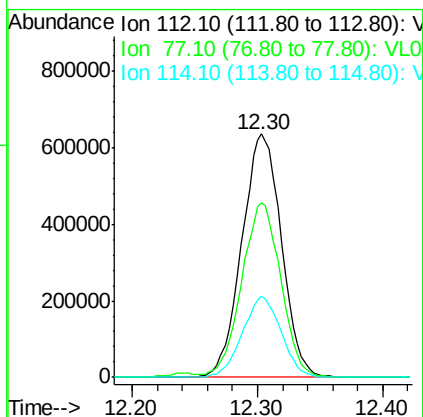
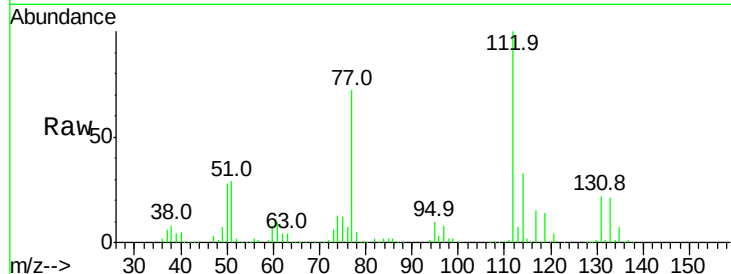




#57
Chlorobenzene
Concen: 7.525 ppbv
RT: 12.30 min Scan# 2913
Delta R.T. -0.00 min
Lab File: VL033434.D
Acq: 25 Mar 2019 10:28

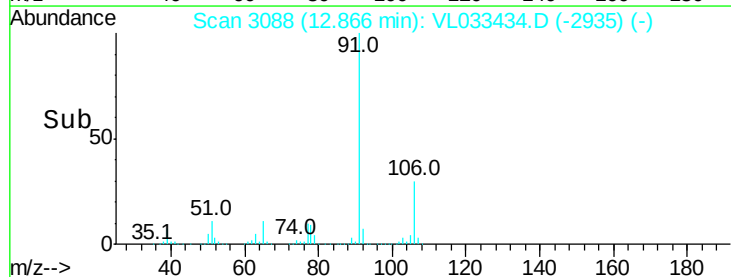
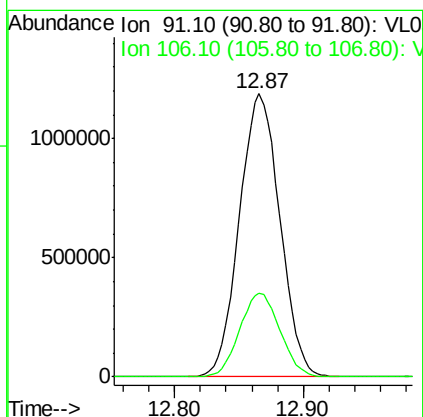
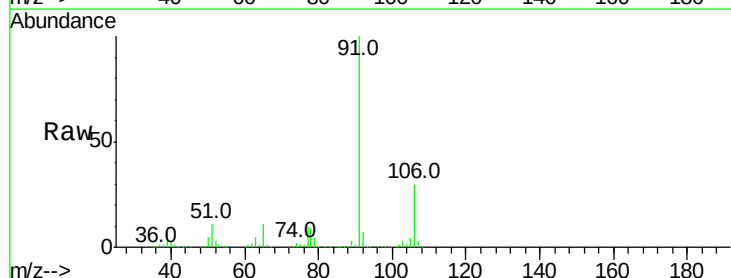
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

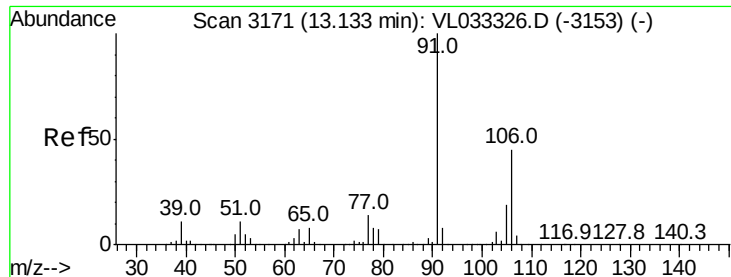
Tgt Ion: 112 Resp: 1393726
Ion Ratio Lower Upper
112 100
77 71.6 55.8 83.6
114 33.1 28.6 35.0



#58
Ethyl Benzene
Concen: 7.827 ppbv
RT: 12.87 min Scan# 3088
Delta R.T. -0.01 min
Lab File: VL033434.D
Acq: 25 Mar 2019 10:28

Tgt Ion: 91 Resp: 2589305
Ion Ratio Lower Upper
91 100
106 29.7 24.2 36.2

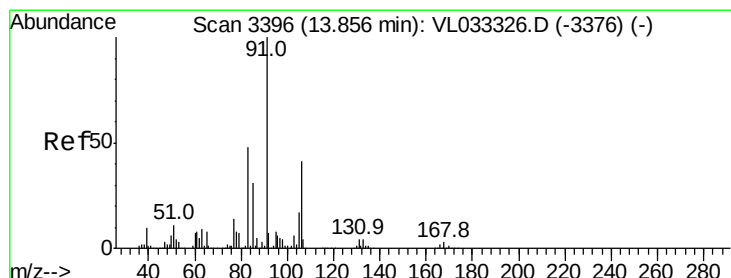
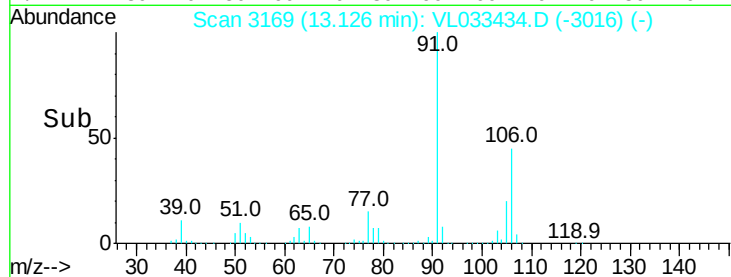
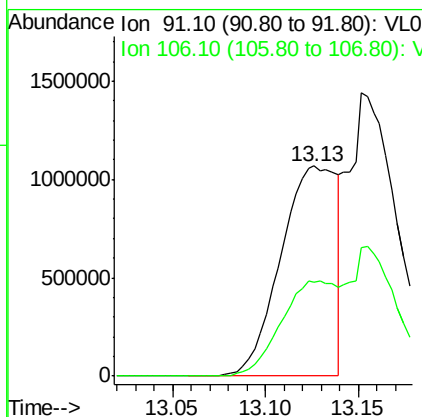
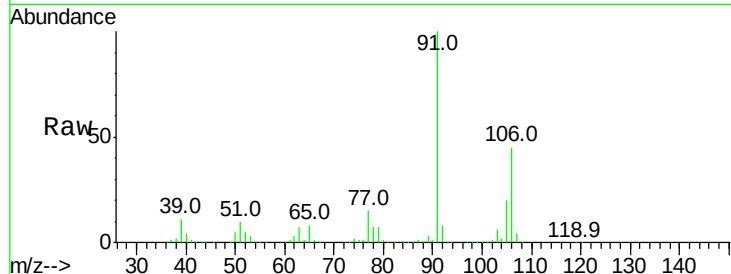




#59
m/p-Xylene
Concen: 7.861 ppbv
RT: 13.13 min Scan# 3169
Delta R.T. -0.01 min
Lab File: VL033434.D
Acq: 25 Mar 2019 10:28

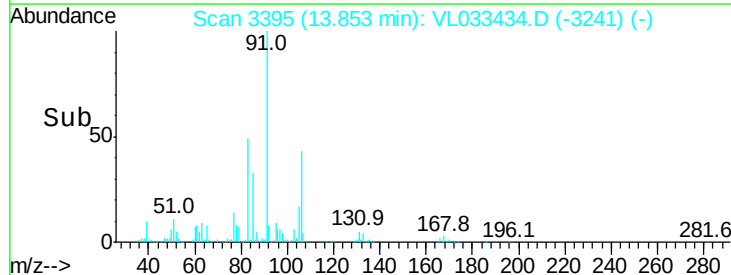
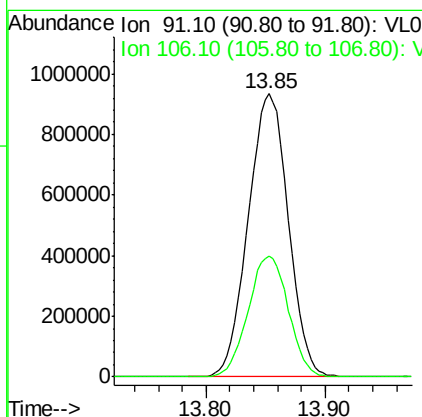
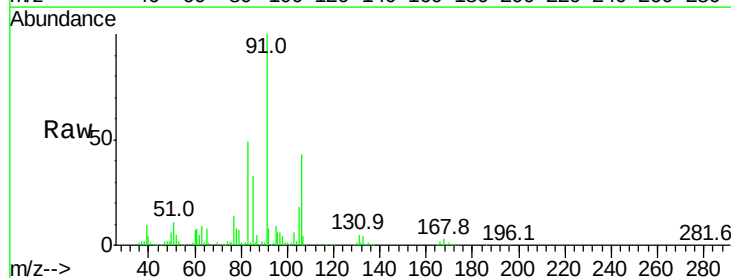
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

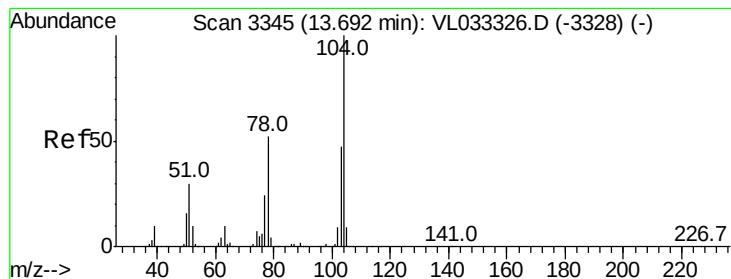
Tgt Ion: 91 Resp: 2234926
Ion Ratio Lower Upper
91 100
106 0.0 0.0 0.0



#60
o-Xylene
Concen: 7.848 ppbv
RT: 13.85 min Scan# 3395
Delta R.T. -0.00 min
Lab File: VL033434.D
Acq: 25 Mar 2019 10:28

Tgt Ion: 91 Resp: 2176695
Ion Ratio Lower Upper
91 100
106 42.9 21.3 63.9





#61

Styrene

Concen: 8.341 ppbv

RT: 13.69 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VL033434.D

Acq: 25 Mar 2019 10:28

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

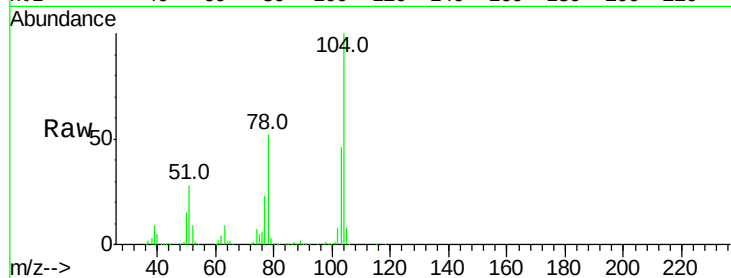
Tgt Ion:104 Resp: 1619848

Ion Ratio Lower Upper

104 100

78 54.0 42.7 64.1

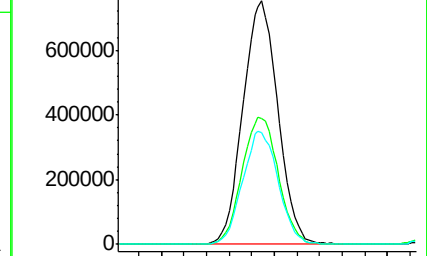
103 47.3 38.0 57.0



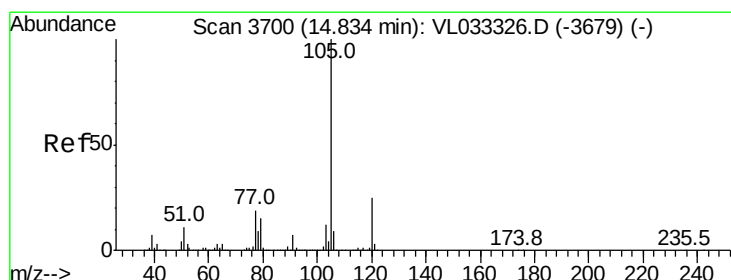
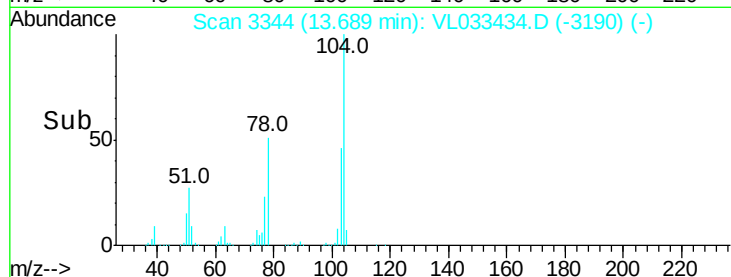
Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): V

Ion 103.10 (102.80 to 103.80): V



Time-->



#62

Isopropylbenzene

Concen: 8.030 ppbv

RT: 14.83 min Scan# 3699

Delta R.T. -0.00 min

Lab File: VL033434.D

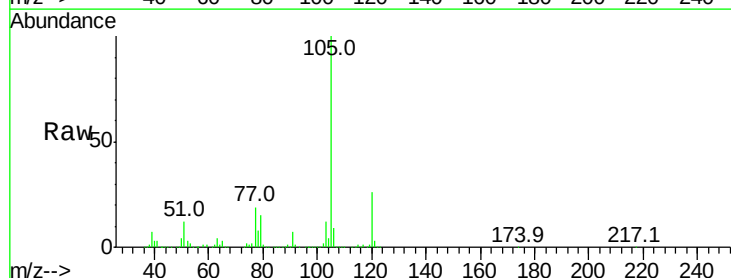
Acq: 25 Mar 2019 10:28

Tgt Ion:105 Resp: 3096361

Ion Ratio Lower Upper

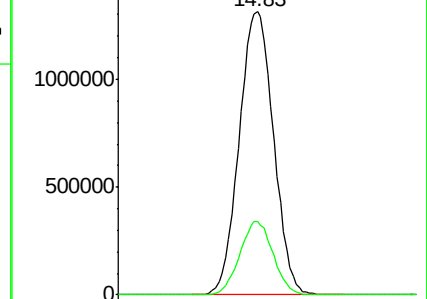
105 100

120 25.2 19.9 29.9

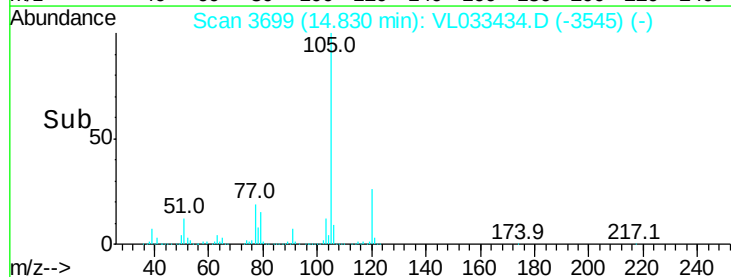


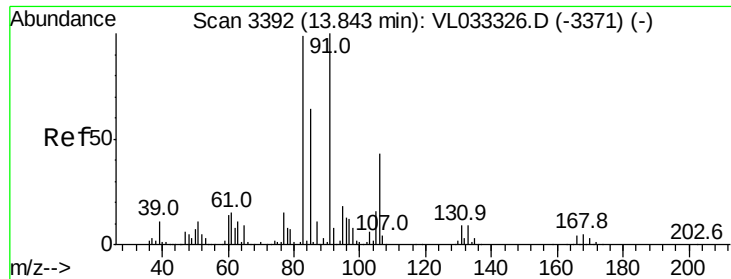
Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V



Time-->

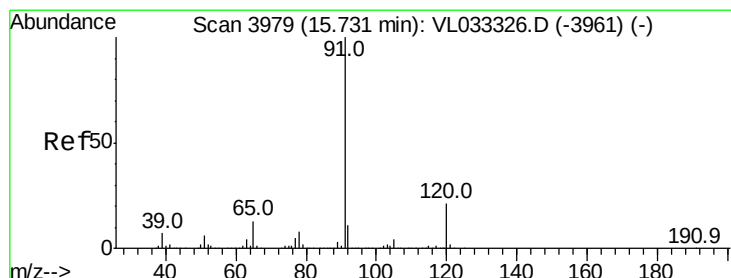
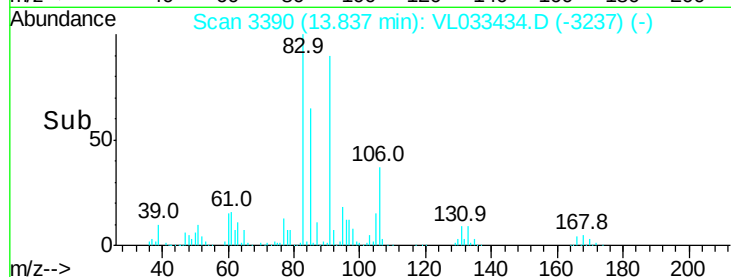
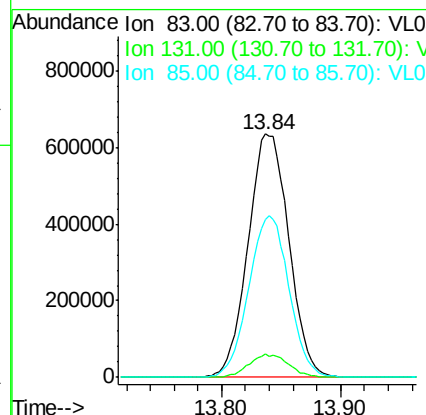
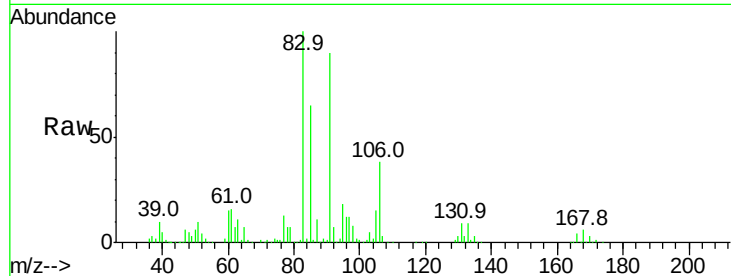




#63
 1,1,2,2-Tetrachloroethane
 Concen: 7.532 ppbv
 RT: 13.84 min Scan# 3390
 Delta R.T. -0.01 min
 Lab File: VL033434.D
 Acq: 25 Mar 2019 10:28

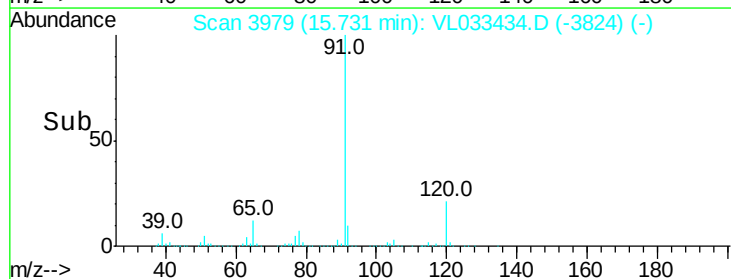
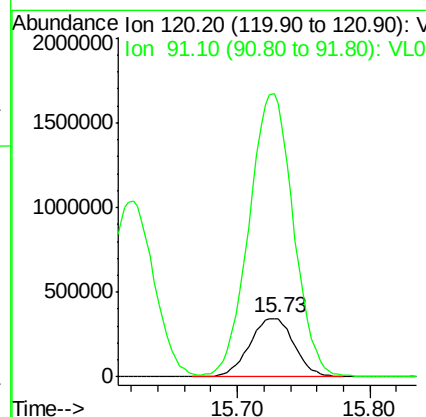
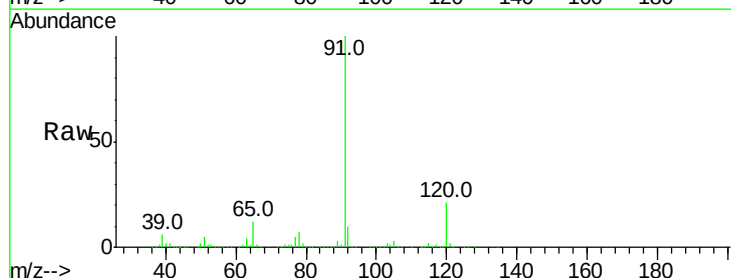
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

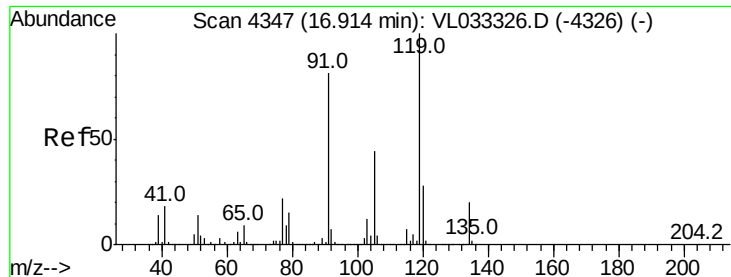
Tgt Ion: 83 Resp: 1510203
 Ion Ratio Lower Upper
 83 100
 131 9.3 4.7 14.0
 85 65.4 32.5 97.4



#64
 n-propylbenzene
 Concen: 8.237 ppbv
 RT: 15.73 min Scan# 3979
 Delta R.T. -0.00 min
 Lab File: VL033434.D
 Acq: 25 Mar 2019 10:28

Tgt Ion: 120 Resp: 803759
 Ion Ratio Lower Upper
 120 100
 91 484.3 389.8 584.6

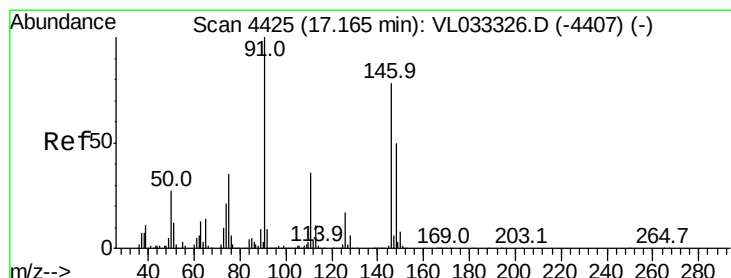
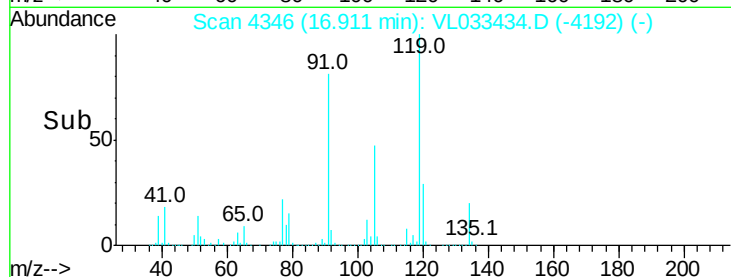
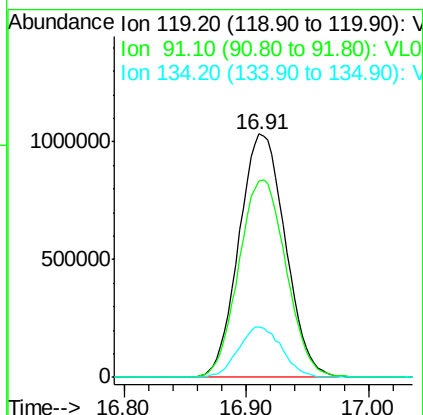
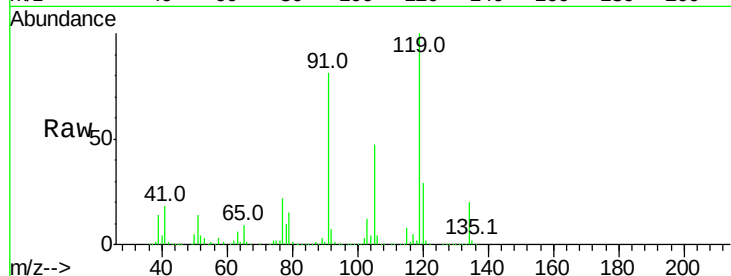




#65
 tert-Butylbenzene
 Concen: 7.843 ppbv
 RT: 16.91 min Scan# 4346
 Delta R.T. -0.00 min
 Lab File: VL033434.D
 Acq: 25 Mar 2019 10:28

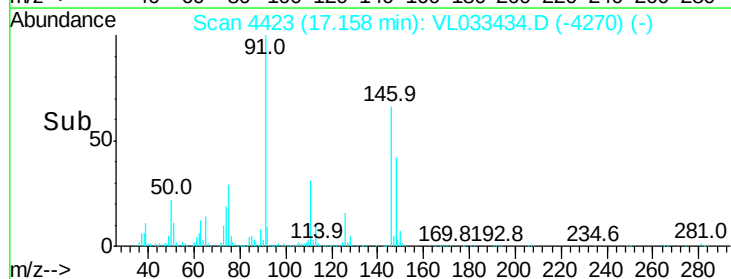
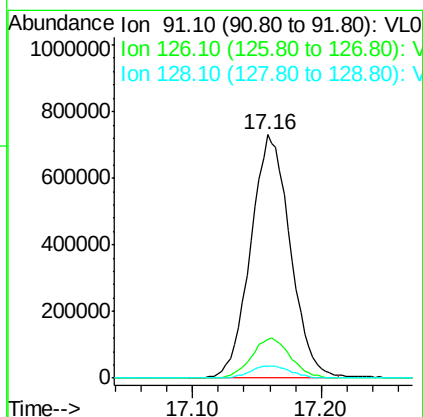
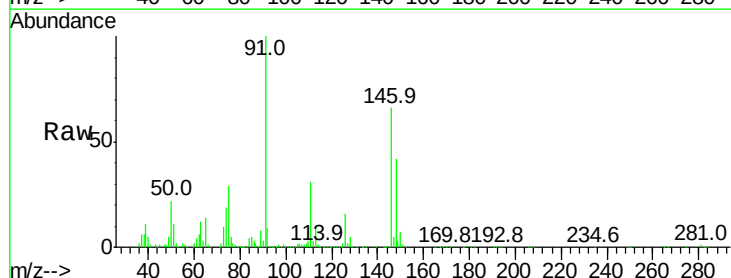
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

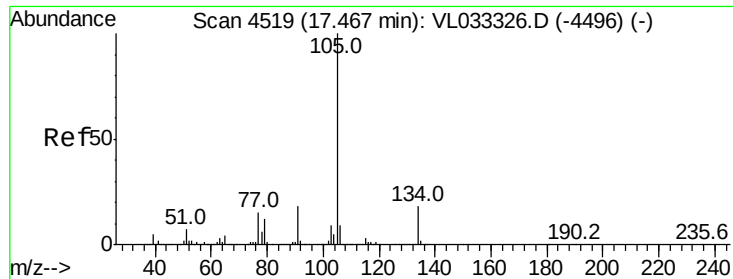
Tgt Ion: 119 Resp: 2722994
 Ion Ratio Lower Upper
 119 100
 91 83.0 67.2 100.8
 134 19.4 15.4 23.2



#66
 Benzyl Chloride
 Concen: 10.894 ppbv
 RT: 17.16 min Scan# 4423
 Delta R.T. -0.01 min
 Lab File: VL033434.D
 Acq: 25 Mar 2019 10:28

Tgt Ion: 91 Resp: 1562878
 Ion Ratio Lower Upper
 91 100
 126 16.3 13.2 19.8
 128 5.2 4.2 6.4





#67

sec-Butylbenzene

Concen: 7.887 ppbv

RT: 17.46 min Scan# 4517

Delta R.T. -0.01 min

Lab File: VL033434.D

Acq: 25 Mar 2019 10:28

Instrument :

MSVOA_L

ClientSampleId :

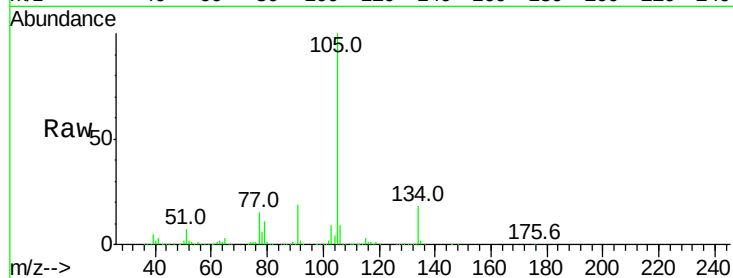
VSTDICCC010

Tgt Ion:105 Resp: 3879849

Ion Ratio Lower Upper

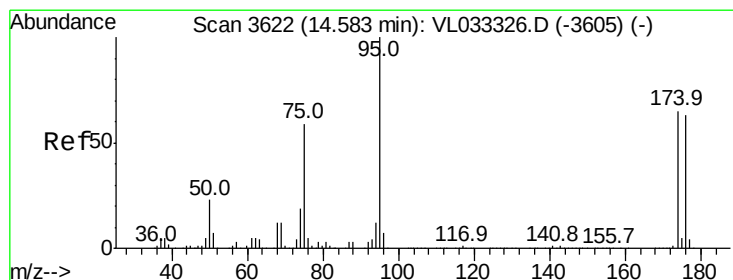
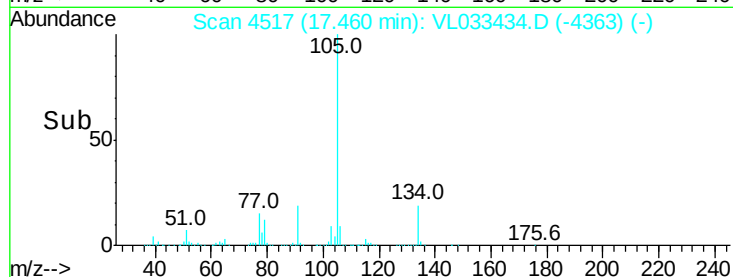
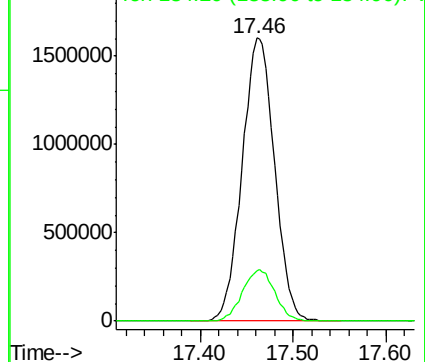
105 100

134 18.2 14.2 21.4



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 134.20 (133.90 to 134.90): V



#68

1-Bromo-4-Fluorobenzene

Concen: 8.680 ppbv

RT: 14.58 min Scan# 3621

Delta R.T. -0.00 min

Lab File: VL033434.D

Acq: 25 Mar 2019 10:28

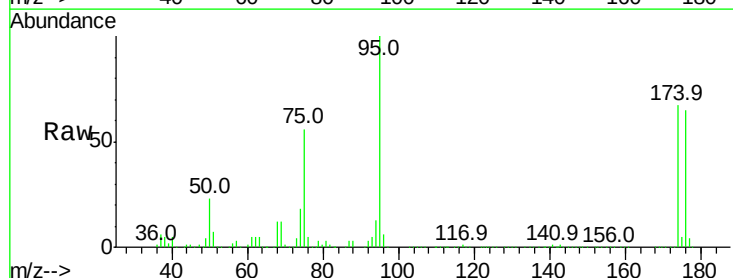
Tgt Ion: 95 Resp: 1504118

Ion Ratio Lower Upper

95 100

174 66.1 51.5 77.3

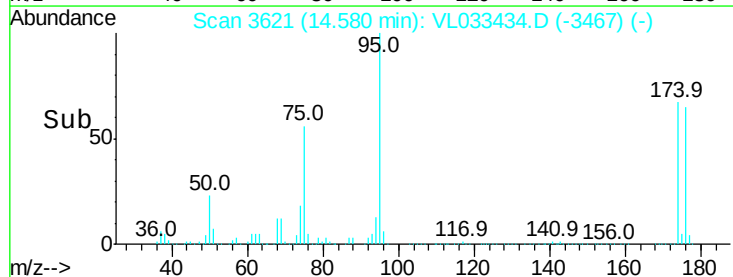
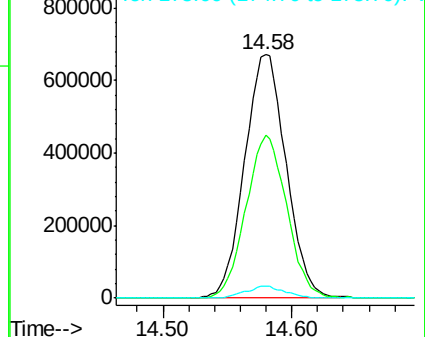
175 4.7 3.8 5.6

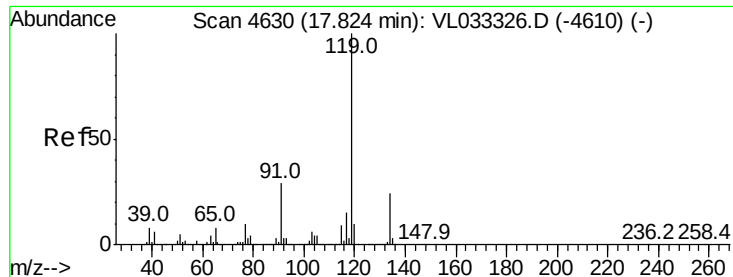


Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V





#69

p-Isopropyltoluene

Concen: 8.106 ppbv

RT: 17.82 min Scan# 4629

Delta R.T. -0.00 min

Lab File: VL033434.D

Acq: 25 Mar 2019 10:28

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

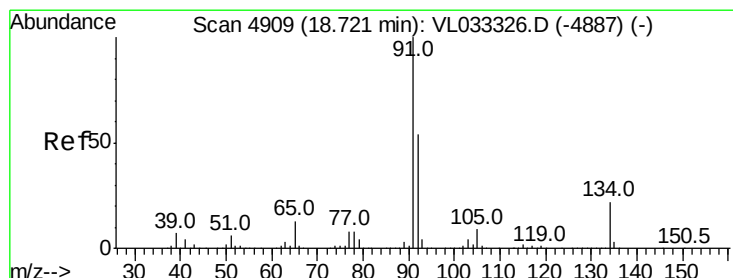
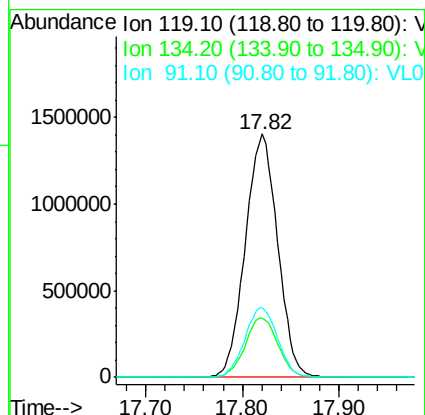
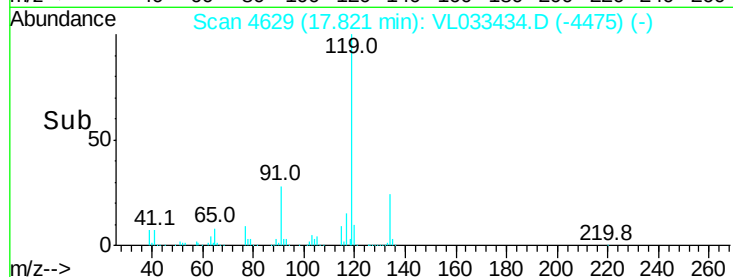
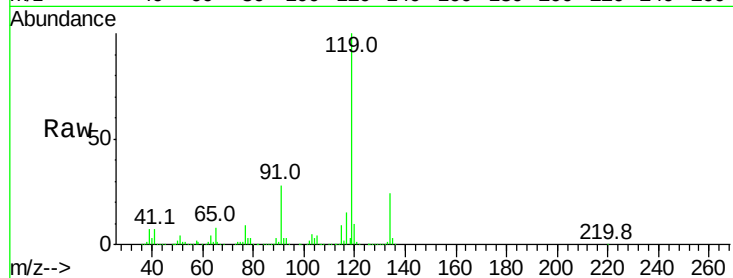
Tgt Ion: 119 Resp: 3257720

Ion Ratio Lower Upper

119 100

134 24.9 19.8 29.6

91 29.2 23.4 35.2



#70

n-Butylbenzene

Concen: 8.008 ppbv

RT: 18.72 min Scan# 4908

Delta R.T. -0.00 min

Lab File: VL033434.D

Acq: 25 Mar 2019 10:28

Tgt Ion: 91 Resp: 3432038

Ion Ratio Lower Upper

91 100

92 53.3 42.8 64.2

134 21.9 17.4 26.0

