

Data Path : W:\HPCHEM1\MSVOA_L\DATA\VL020916\
 Data File : VL026831.D
 Acq On : 9 Feb 2016 22:05
 Operator : SY/AP
 Sample : VSTDICV010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVV020916

Quant Time: Feb 10 03:44:51 2016
 Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL020916AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Feb 10 03:14:04 2016
 QLast Update : Wed Feb 10 03:14:04 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	6.70	49	1731738	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	8.37	114	4894103	10.00	ppbv	0.00
55) Chlorobenzene-d5	13.80	117	6053241	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	16.34	95	3353802	7.72	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	77.20%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.67	85	3700369	9.88	ppbv	99
3) Chlorodifluoromethane	3.60	51	1756785	6.25	ppbv	100
4) Chloromethane	3.78	50	1051786	9.47	ppbv	99
5) Vinyl Chloride	3.92	62	1176698	9.41	ppbv	100
6) Bromomethane	4.17	94	1026380	9.89	ppbv	98
7) Chloroethane	4.27	64	533782	9.73	ppbv	98
8) Dichlorotetrafluoroethane	3.84	85	3218582	9.68	ppbv	97
9) Propene	3.62	41	753624	9.93	ppbv	98
10) Heptane	9.40	43	2653852	10.68	ppbv	98
11) Trichlorofluoromethane	4.73	101	4205369	9.47	ppbv	99
12) 1,1,2-Trichlorotrifluoroet	5.34	101	3061321	9.74	ppbv	97
13) Ethanol	4.36	45	114398	8.76	ppbv	96
14) Bromoethene	4.48	108	1171540	10.18	ppbv	99
15) Acetone	4.64	43	1797495	7.56	ppbv	98
16) 1,3-Butadiene	4.00	39	884636	9.52	ppbv	98
17) tert-Butyl alcohol	5.17	59	1501460	9.56	ppbv	97
18) 1,1-Dichloroethene	5.12	96	1316997	10.00	ppbv	96
19) Isopropyl Alcohol	4.79	45	854797	10.07	ppbv	99
20) Methylene Chloride	5.18	84	1169277	9.49	ppbv	96
21) Allyl Chloride	5.26	41	1387538	9.45	ppbv	98
22) trans-1,2-Dichloroethene	5.80	96	1266317	10.66	ppbv	98
23) Vinyl Acetate	6.03	43	3335869	10.34	ppbv	99
24) 1,1-Dichloroethane	5.95	63	2565681	9.95	ppbv	99
25) Ethyl Acetate	6.71	43	3845318	10.77	ppbv	99
26) Hexane	6.70	57	2093720	10.41	ppbv	97
27) Carbon Disulfide	5.43	76	3518605	10.15	ppbv	98
28) Methyl tert-Butyl Ether	5.99	73	3352499	10.66	ppbv	100
29) Chloroform	6.79	83	3168996	10.12	ppbv	99
30) Cyclohexane	8.33	84	1854293	11.33	ppbv	95
31) cis-1,2-Dichloroethene	6.56	61	1821825	10.85	ppbv	94
32) 1,1,1-Trichloroethane	7.64	97	3203817	10.17	ppbv	99
34) 2-Butanone	6.24	43	2268954	9.46	ppbv	97
35) Carbon Tetrachloride	8.21	117	3511537	9.87	ppbv	100
36) Benzene	8.07	78	4078482	10.50	ppbv	98
37) 1,2-Dichloroethane	7.42	62	2308137	9.49	ppbv	98
38) Trichloroethene	9.11	130	1988221	11.11	ppbv	99
39) 1,2-Dichloropropane	8.87	63	1460639	9.95	ppbv	97
40) 1,4-Dioxane	9.16	88	346410	13.30	ppbv	89
41) Tetrahydrofuran	7.17	42	1277268	10.82	ppbv	97
42) Bromodichloromethane	9.07	83	3350465	10.24	ppbv	99
43) Methyl Methacrylate	9.31	69	1555887	11.43	ppbv	94

Data Path : W:\HPCHEM1\MSVOA_L\DATA\VL020916\
 Data File : VL026831.D
 Acq On : 9 Feb 2016 22:05
 Operator : SY/AP
 Sample : VSTDICV010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVV020916

Quant Time: Feb 10 03:44:51 2016
 Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL020916AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Feb 10 03:14:04 2016
 QLast Update : Wed Feb 10 03:14:04 2016
 Response via : Initial Calibration

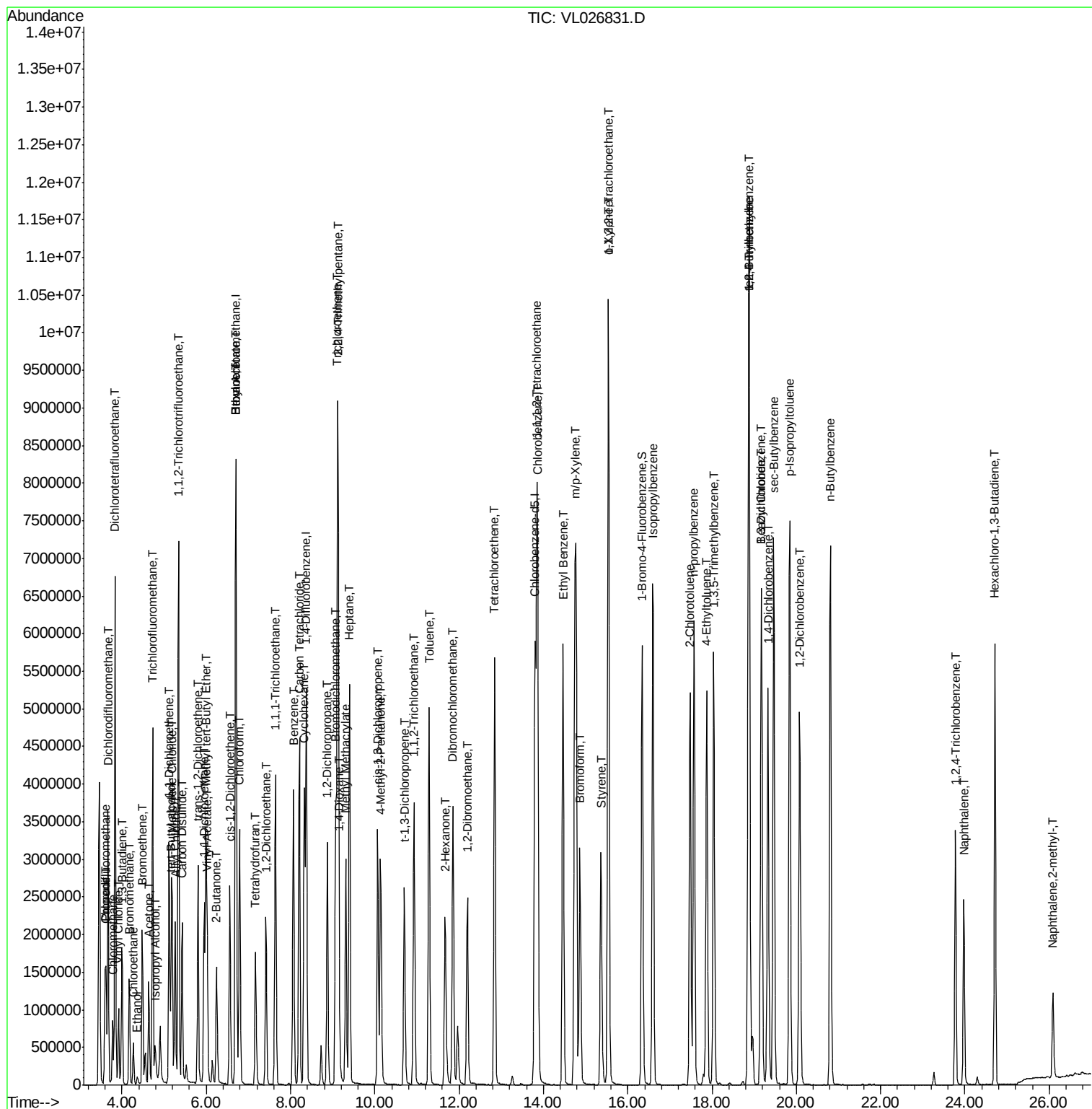
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	9.13	57	6902485	10.40	ppbv	98
45) t-1,3-Dichloropropene	10.70	75	2158825	11.79	ppbv	99
46) cis-1,3-Dichloropropene	10.07	75	2607592	11.69	ppbv	96
47) 1,1,2-Trichloroethane	10.93	97	1708104	10.51	ppbv	99
48) Dibromochloromethane	11.85	129	2943750	11.09	ppbv	99
49) Bromoform	14.87	173	2355011	11.78	ppbv	100
50) 4-Methyl-2-Pentanone	10.13	43	3046788	10.77	ppbv	98
51) 2-Hexanone	11.66	43	2723565	11.49	ppbv	96
52) Tetrachloroethene	12.84	164	1797370	11.76	ppbv	98
53) Toluene	11.29	91	5047363	11.55	ppbv	99
54) 1,2-Dibromoethane	12.19	107	2590201	10.72	ppbv	99
56) 1,1,1,2-Tetrachloroethane	13.84	131	2249739	8.43	ppbv	98
57) Chlorobenzene	13.87	112	4182884	8.35	ppbv	98
58) Ethyl Benzene	14.46	91	6593450	9.04	ppbv	100
59) m/p-Xylene	14.77	91	10792860	17.33	ppbv	98
60) o-Xylene	15.54	91	5881600	8.63	ppbv	98
61) Styrene	15.36	104	2298949	9.97	ppbv	98
62) Isopropylbenzene	16.60	105	7116946	8.70	ppbv	99
63) 1,1,2,2-Tetrachloroethane	15.54	83	3855912	8.29	ppbv	99
64) n-propylbenzene	17.57	120	1867436	8.88	ppbv	98
65) tert-Butylbenzene	18.86	119	6696188	8.89	ppbv	97
66) Benzyl Chloride	19.16	91	2223692	9.09	ppbv	99
67) sec-Butylbenzene	19.46	105	8455112	8.62	ppbv	99
69) p-Isopropyltoluene	19.85	119	7206617	9.07	ppbv	99
70) n-Butylbenzene	20.81	91	6630256	8.75	ppbv	99
71) 2-Chlorotoluene	17.48	91	5010417	8.98	ppbv	97
72) 4-Ethyltoluene	17.87	105	5717189	9.11	ppbv	99
73) 1,3,5-Trimethylbenzene	18.04	105	5371421	8.79	ppbv	98
74) 1,2,4-Trimethylbenzene	18.88	105	5924856	8.53	ppbv	97
75) 1,3-Dichlorobenzene	19.18	146	3566312	8.47	ppbv	99
76) 1,4-Dichlorobenzene	19.33	146	3532841	8.58	ppbv	99
77) 1,2-Dichlorobenzene	20.08	146	3387906	8.46	ppbv	99
78) Hexachloro-1,3-Butadiene	24.71	225	1439052	7.57	ppbv	100
79) Naphthalene	23.97	128	2749231	8.23	ppbv	99
80) Naphthalene,2-methyl-	26.09	142	955898	7.05	ppbv	100
81) 1,2,4-Trichlorobenzene	23.78	180	1456452	8.07	ppbv	99

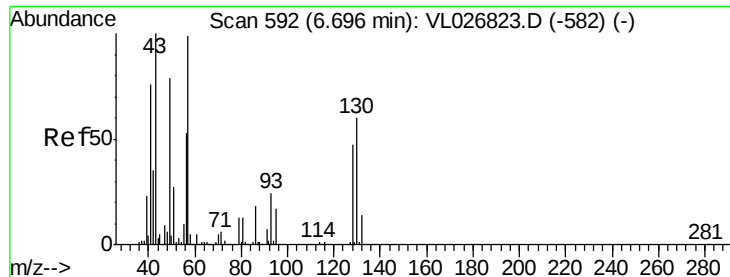
(#) = qualifier out of range (m) = manual integration (+) = signals summed

```
Data Path : W:\HPCHEM1\MSVOA_L\DATA\VL020916\  
Data File : VL026831.D  
Acq On    : 9 Feb 2016 22:05  
Operator  : SY/AP  
Sample    : VSTDICV010  
Misc      : 400mL/MSVOA_L  
ALS Vial  : 1 Sample Multiplier: 1
```

Instrument :
MSVOA_L
ClientSampleId :
ICVVL020916

Quant Time: Feb 10 03:44:51 2016
Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL020916AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Feb 10 03:14:04 2016
QLast Update : Wed Feb 10 03:14:04 2016
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 6.70 min Scan# 592

Delta R.T. -0.00 min

Lab File: VL026831.D

Acq: 9 Feb 2016 22:05

Instrument :

MSVOA_L

ClientSampleId :

ICVVL020916

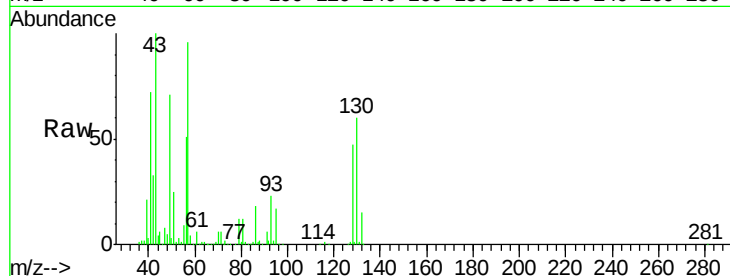
Tgt Ion: 49 Resp: 1731738

Ion Ratio Lower Upper

49 100

128 63.7 29.7 89.1

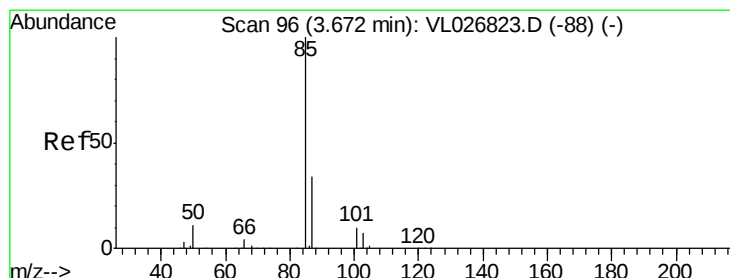
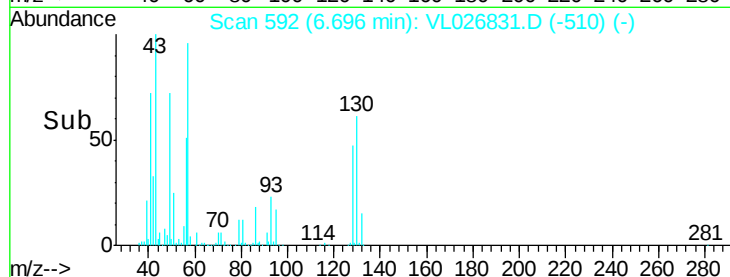
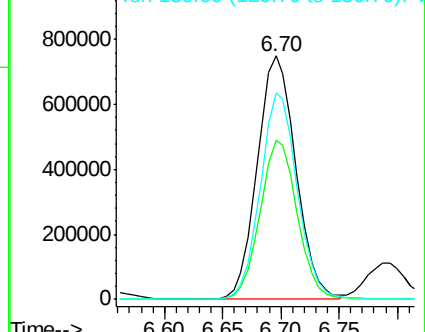
130 0.0 38.3 114.8#



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



#2

Dichlorodifluoromethane

Concen: 9.88 ppbv

RT: 3.67 min Scan# 96

Delta R.T. -0.00 min

Lab File: VL026831.D

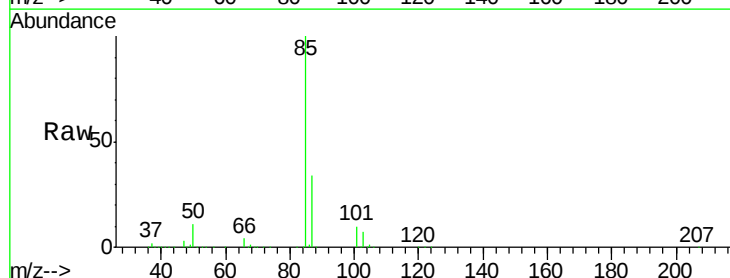
Acq: 9 Feb 2016 22:05

Tgt Ion: 85 Resp: 3700369

Ion Ratio Lower Upper

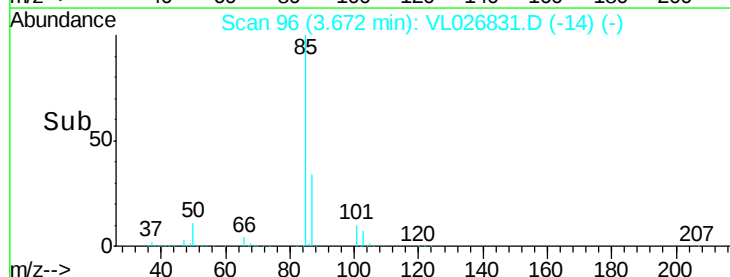
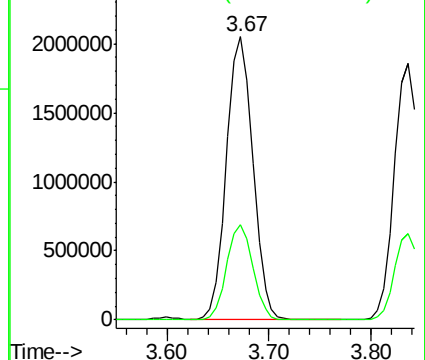
85 100

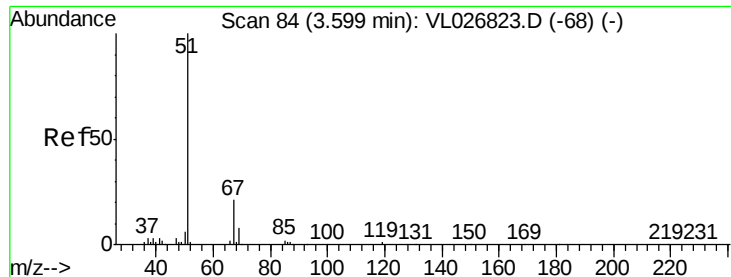
87 33.8 27.3 40.9



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 6.25 ppbv

RT: 3.60 min Scan# 84

Delta R.T. -0.00 min

Lab File: VL026831.D

Acq: 9 Feb 2016 22:05

Instrument :

MSVOA_L

ClientSampleId :

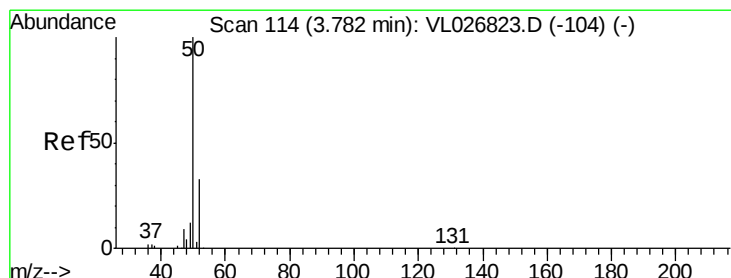
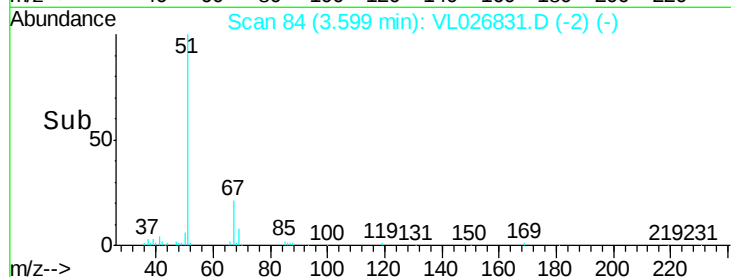
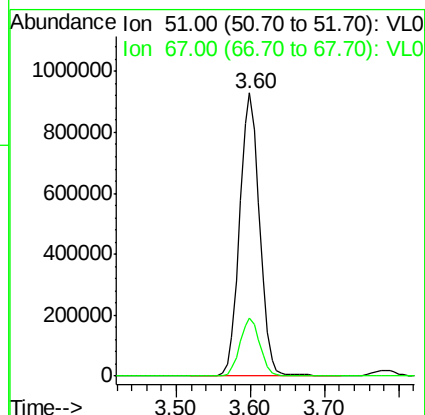
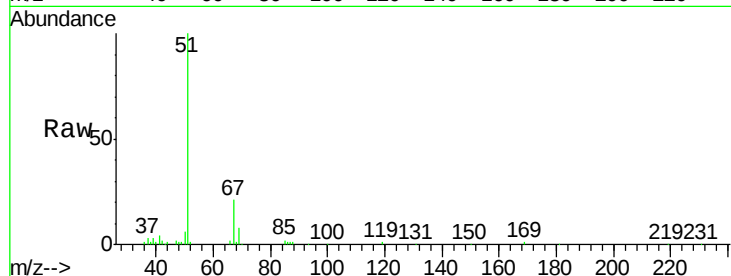
ICVVL020916

Tgt Ion: 51 Resp: 1756785

Ion Ratio Lower Upper

51 100

67 20.5 16.4 24.6



#4

Chloromethane

Concen: 9.47 ppbv

RT: 3.78 min Scan# 114

Delta R.T. -0.00 min

Lab File: VL026831.D

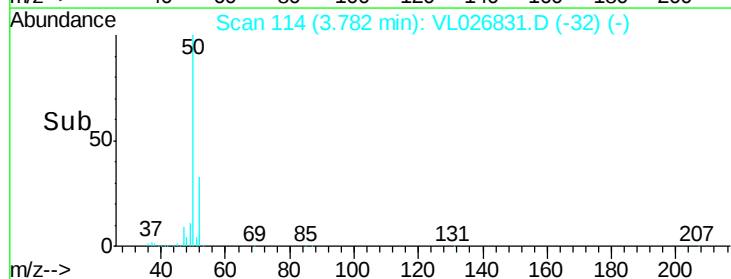
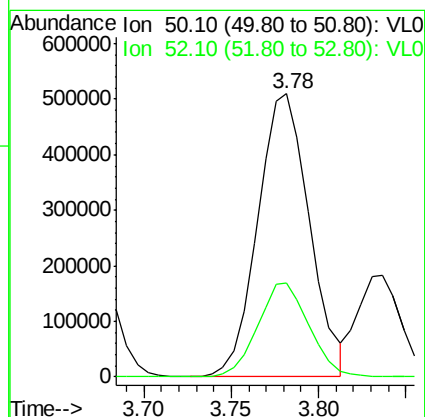
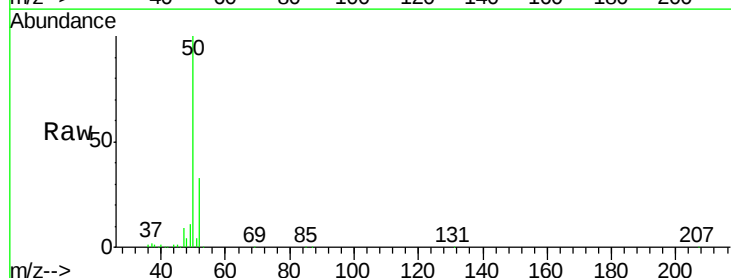
Acq: 9 Feb 2016 22:05

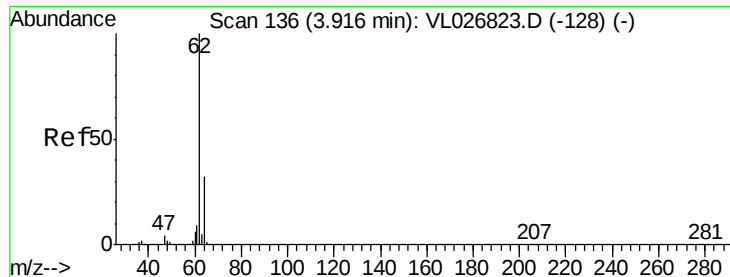
Tgt Ion: 50 Resp: 1051786

Ion Ratio Lower Upper

50 100

52 33.4 26.3 39.5





#5

Vinyl Chloride

Concen: 9.41 ppbv

RT: 3.92 min Scan# 136

Delta R.T. -0.00 min

Lab File: VL026831.D

Acq: 9 Feb 2016 22:05

Instrument :

MSVOA_L

ClientSampleId :

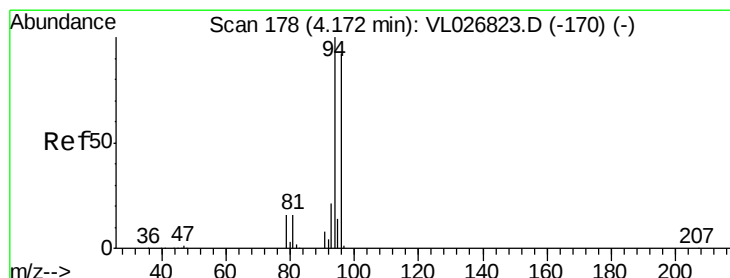
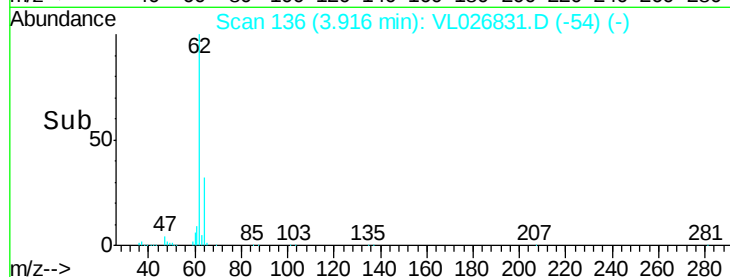
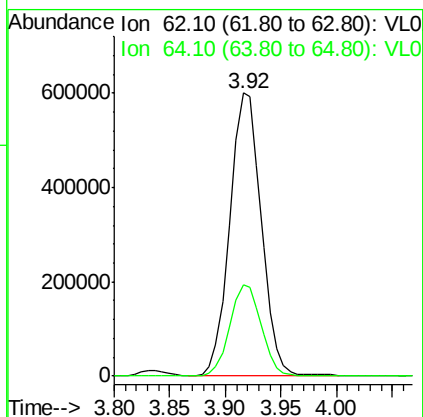
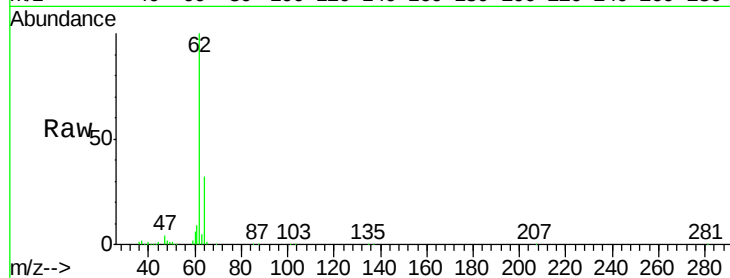
ICVVL020916

Tgt Ion: 62 Resp: 1176698

Ion Ratio Lower Upper

62 100

64 32.2 25.8 38.6



#6

Bromomethane

Concen: 9.89 ppbv

RT: 4.17 min Scan# 178

Delta R.T. -0.00 min

Lab File: VL026831.D

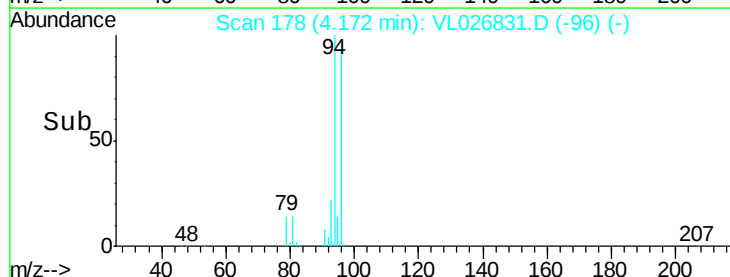
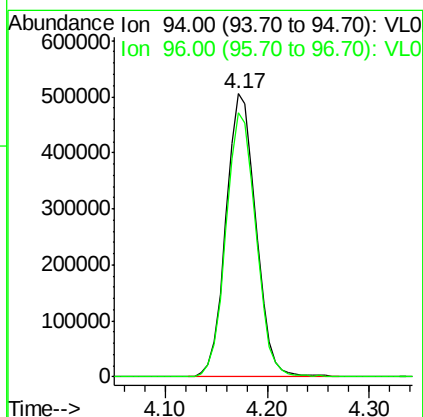
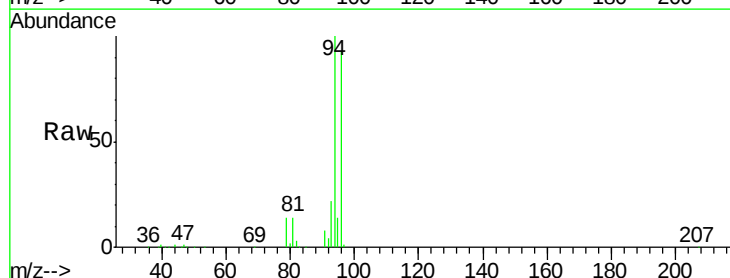
Acq: 9 Feb 2016 22:05

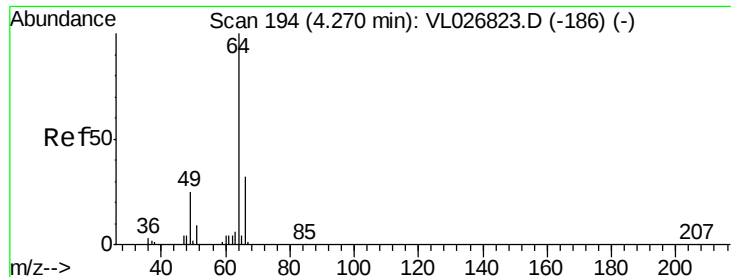
Tgt Ion: 94 Resp: 1026380

Ion Ratio Lower Upper

94 100

96 93.4 73.2 109.8





#7

Chloroethane

Concen: 9.73 ppbv

RT: 4.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VL026831.D

Acq: 9 Feb 2016 22:05

Instrument :

MSVOA_L

ClientSampleId :

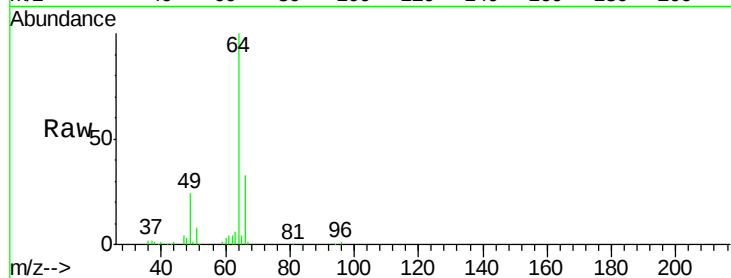
ICVVL020916

Tgt Ion: 64 Resp: 533782

Ion Ratio Lower Upper

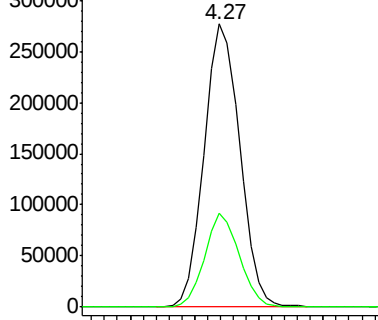
64 100

66 33.0 25.4 38.0

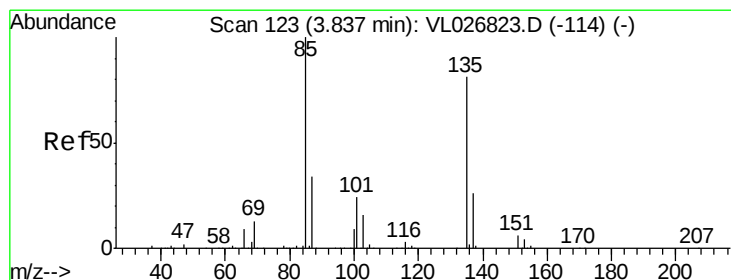
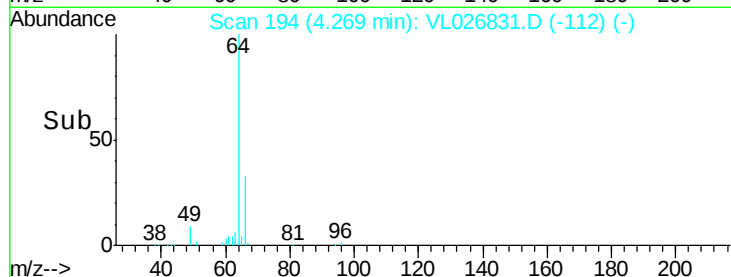


Abundance Ion 64.10 (63.80 to 64.80): VL0

Ion 66.10 (65.80 to 66.80): VL0



Time-->



#8

Dichlorotetrafluoroethane

Concen: 9.68 ppbv

RT: 3.84 min Scan# 123

Delta R.T. -0.00 min

Lab File: VL026831.D

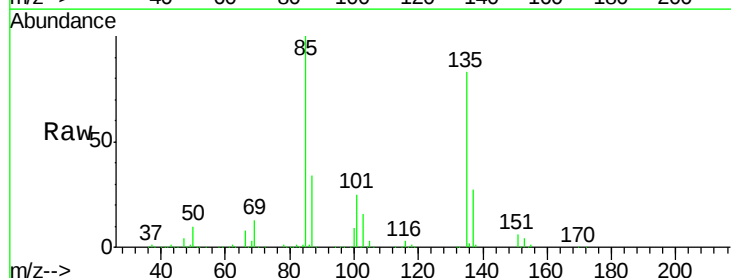
Acq: 9 Feb 2016 22:05

Tgt Ion: 85 Resp: 3218582

Ion Ratio Lower Upper

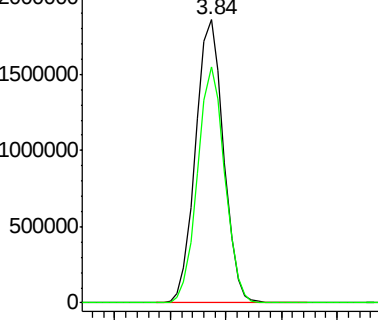
85 100

135 81.9 63.2 94.8

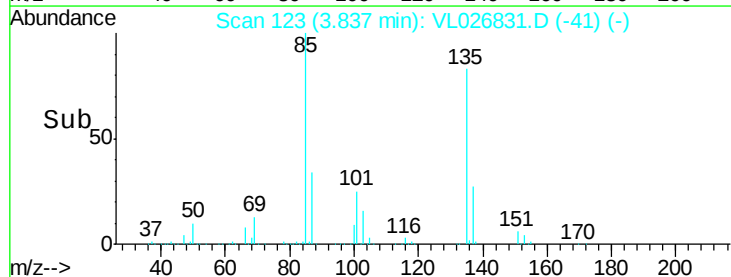


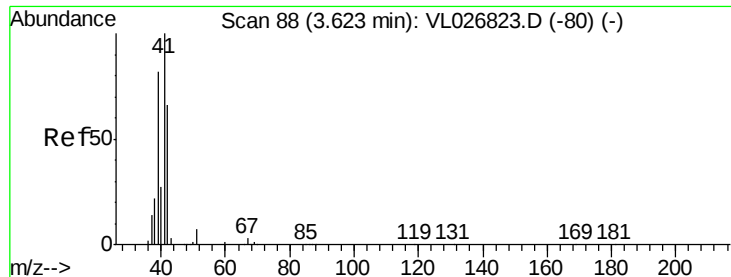
Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 135.00 (134.70 to 135.70): V



Time-->





#9

Propene

Concen: 9.93 ppbv

RT: 3.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VL026831.D

Acq: 9 Feb 2016 22:05

Instrument :

MSVOA_L

ClientSampleId :

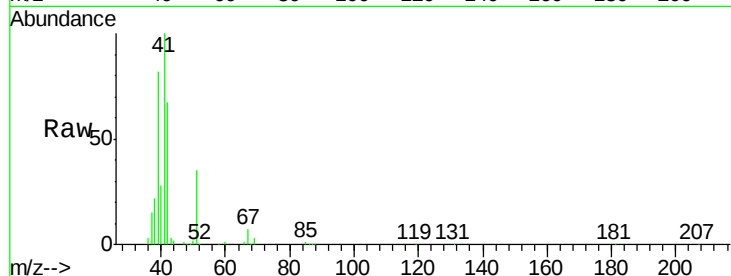
ICVVL020916

Tgt Ion: 41 Resp: 753624

Ion Ratio Lower Upper

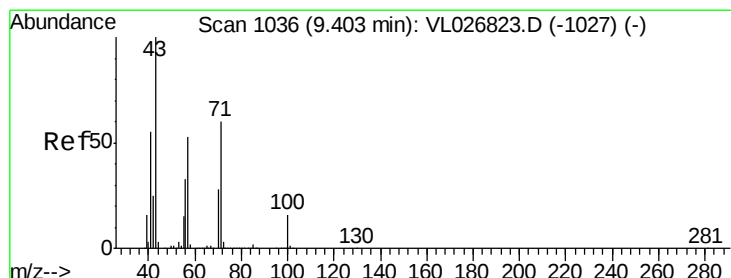
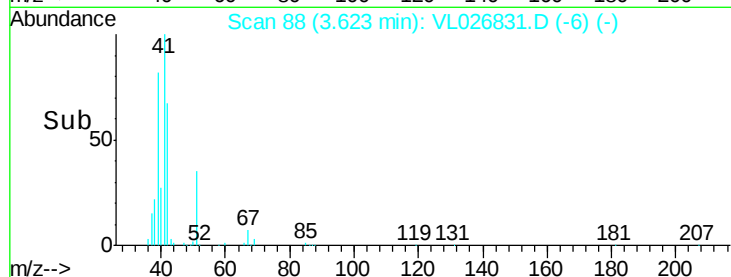
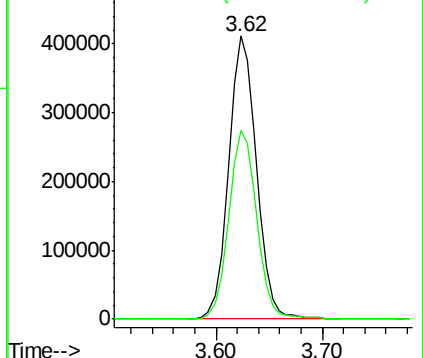
41 100

42 67.5 52.8 79.2



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0



#10

Heptane

Concen: 10.68 ppbv

RT: 9.40 min Scan# 1035

Delta R.T. -0.01 min

Lab File: VL026831.D

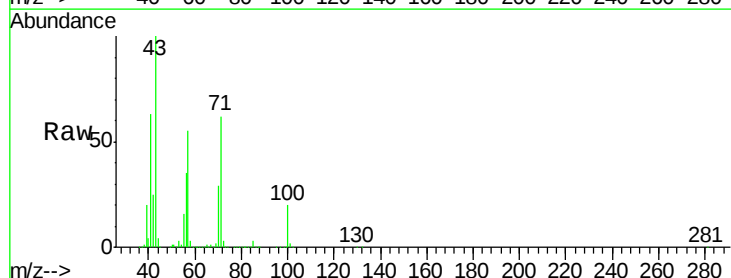
Acq: 9 Feb 2016 22:05

Tgt Ion: 43 Resp: 2653852

Ion Ratio Lower Upper

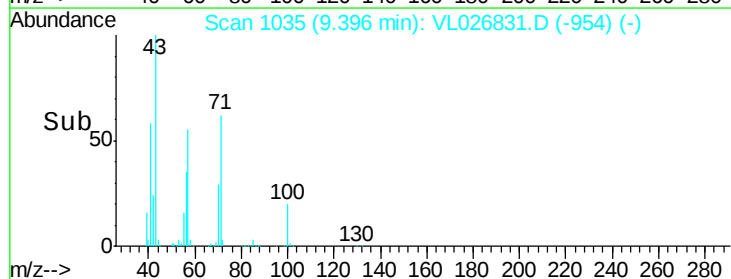
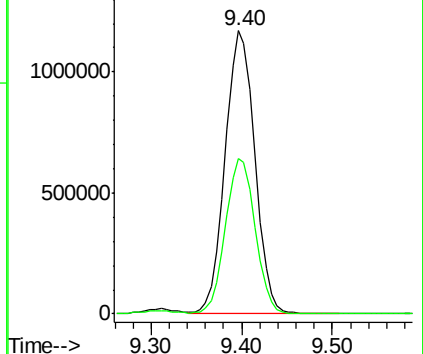
43 100

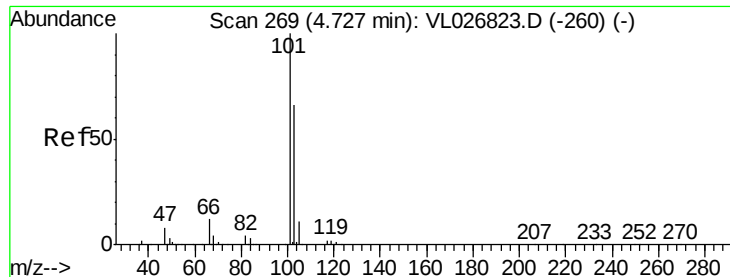
57 56.7 44.0 66.0



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 57.10 (56.80 to 57.80): VL0





#11

Trichlorofluoromethane

Concen: 9.47 ppbv

RT: 4.73 min Scan# 269

Delta R.T. -0.00 min

Lab File: VL026831.D

Acq: 9 Feb 2016 22:05

Instrument :

MSVOA_L

ClientSampleId :

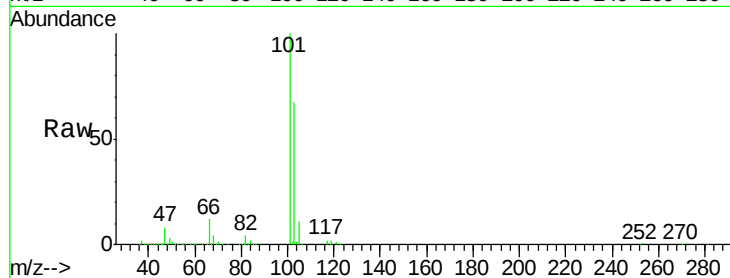
ICVVL020916

Tgt Ion:101 Resp: 4205369

Ion Ratio Lower Upper

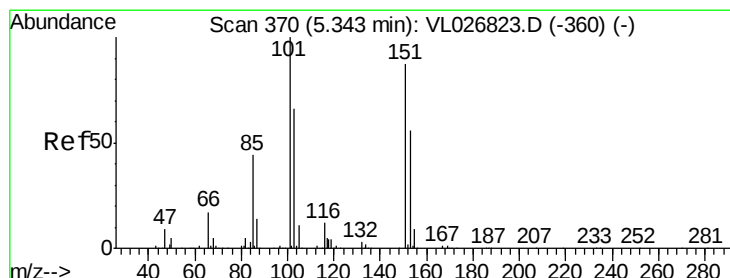
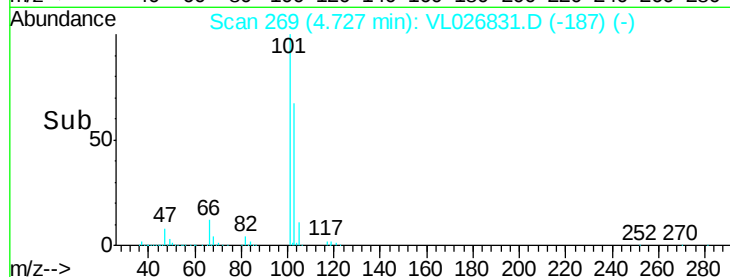
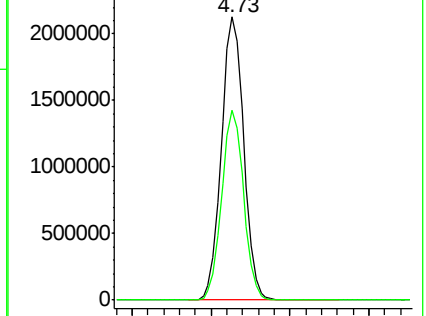
101 100

103 66.9 52.7 79.1



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: 9.74 ppbv

RT: 5.34 min Scan# 370

Delta R.T. -0.00 min

Lab File: VL026831.D

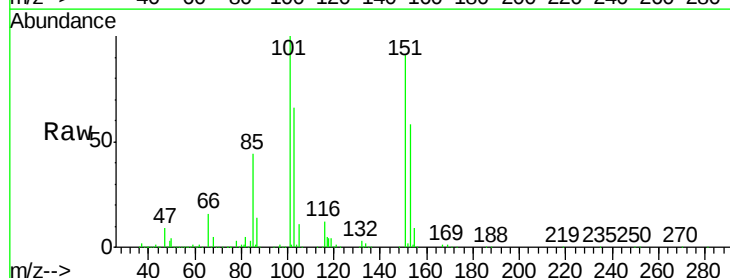
Acq: 9 Feb 2016 22:05

Tgt Ion:101 Resp: 3061321

Ion Ratio Lower Upper

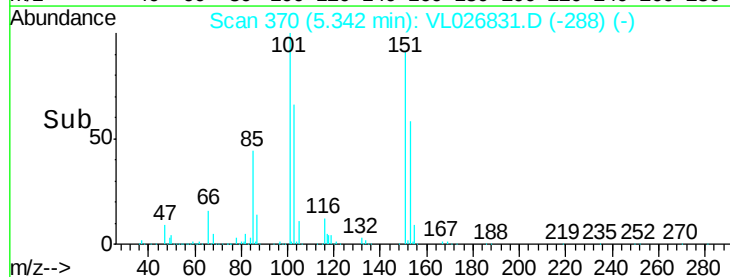
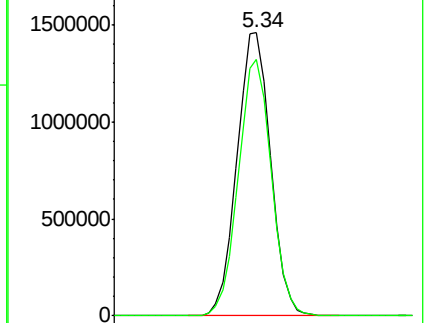
101 100

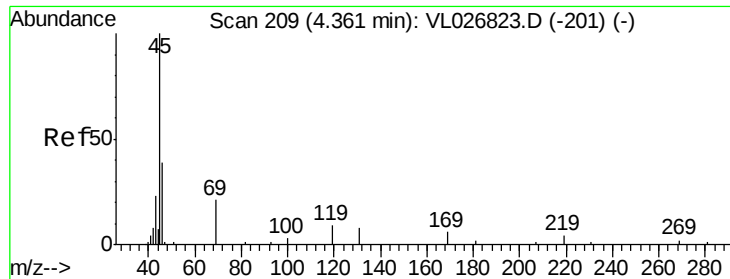
151 89.2 69.4 104.0



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 151.00 (150.70 to 151.70): V





#13

Ethanol

Concen: 8.76 ppbv

RT: 4.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VL026831.D

Acq: 9 Feb 2016 22:05

Instrument :

MSVOA_L

ClientSampleId :

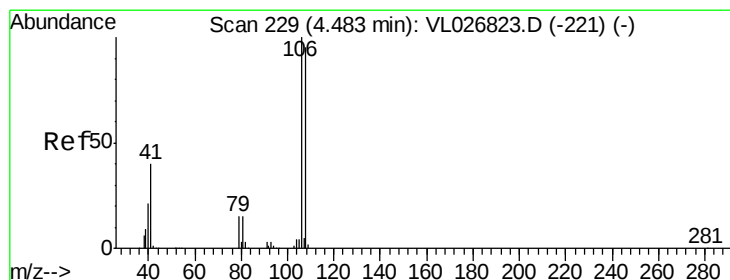
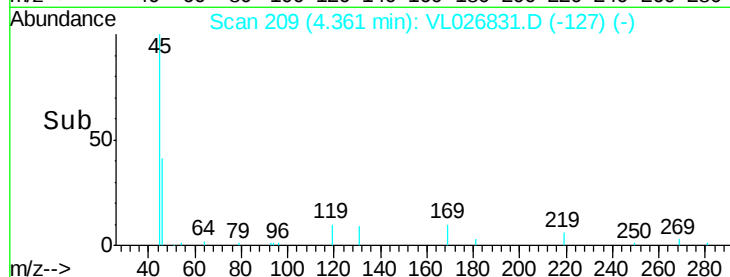
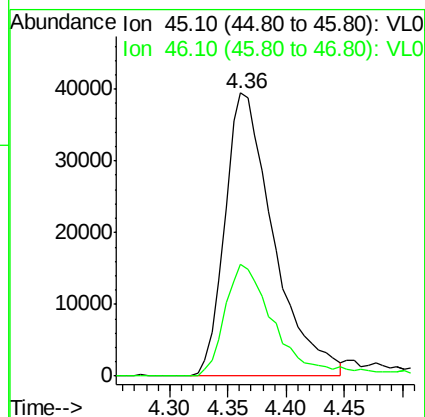
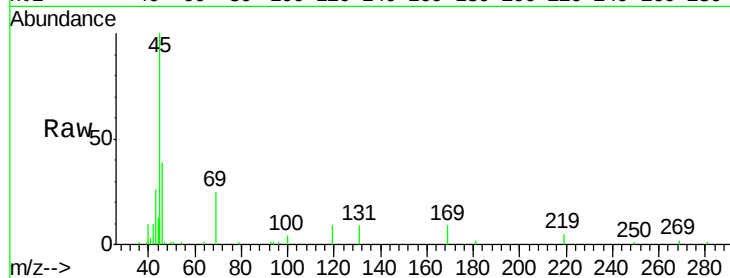
ICVVL020916

Tgt Ion: 45 Resp: 114398

Ion Ratio Lower Upper

45 100

46 41.9 15.8 63.4



#14

Bromoethene

Concen: 10.18 ppbv

RT: 4.48 min Scan# 229

Delta R.T. -0.00 min

Lab File: VL026831.D

Acq: 9 Feb 2016 22:05

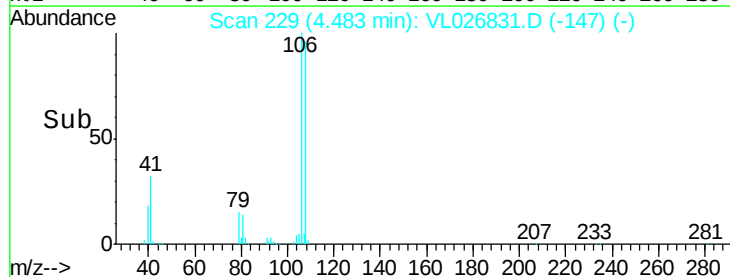
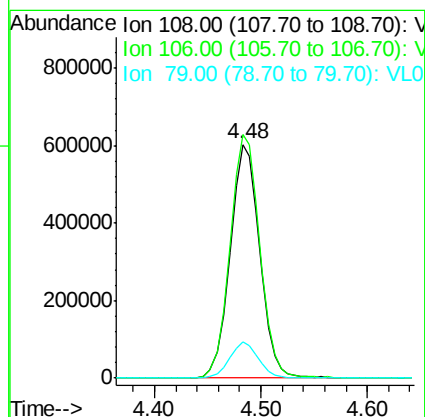
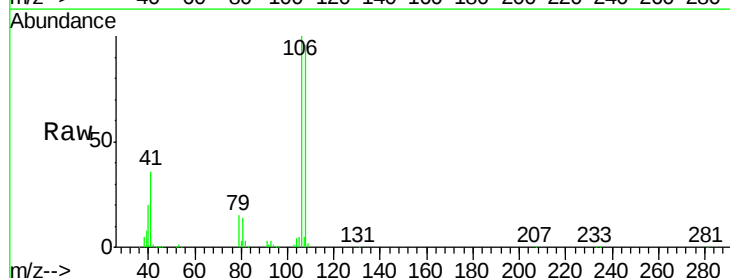
Tgt Ion: 108 Resp: 1171540

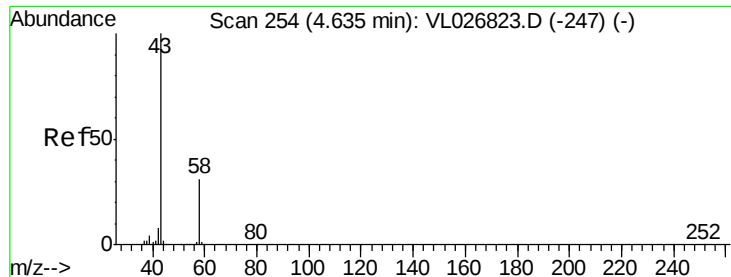
Ion Ratio Lower Upper

108 100

106 105.5 84.6 126.8

79 15.6 13.4 20.0





#15

Acetone

Concen: 7.56 ppbv

RT: 4.64 min Scan# 254

Delta R.T. -0.00 min

Lab File: VL026831.D

Acq: 9 Feb 2016 22:05

Instrument :

MSVOA_L

ClientSampleId :

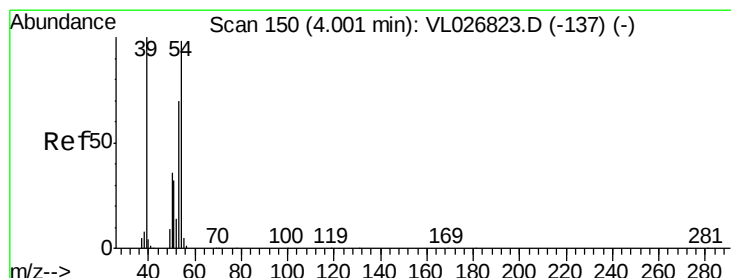
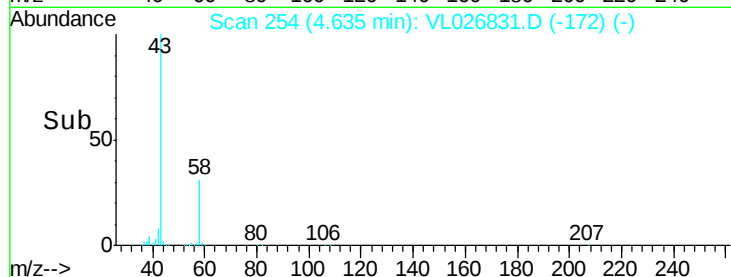
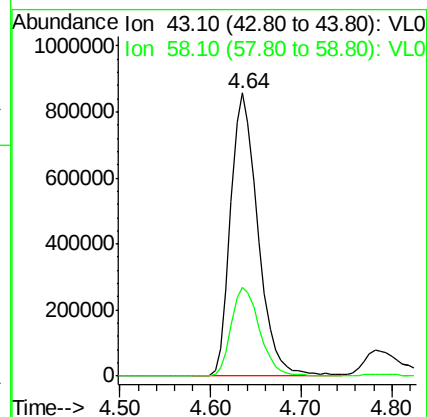
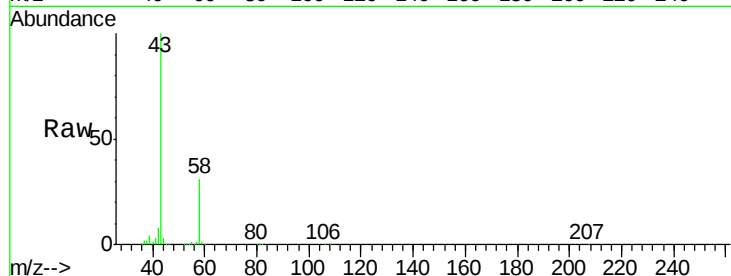
ICVVL020916

Tgt Ion: 43 Resp: 1797495

Ion Ratio Lower Upper

43 100

58 32.5 25.2 37.8



#16

1,3-Butadiene

Concen: 9.52 ppbv

RT: 4.00 min Scan# 150

Delta R.T. -0.00 min

Lab File: VL026831.D

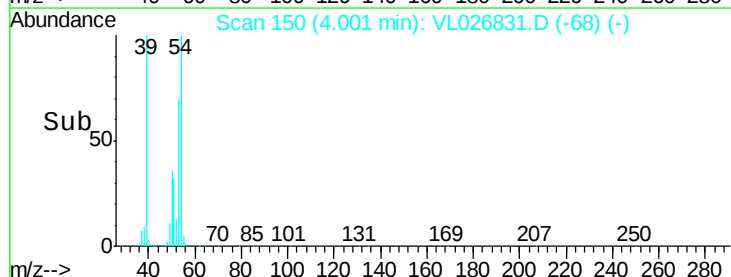
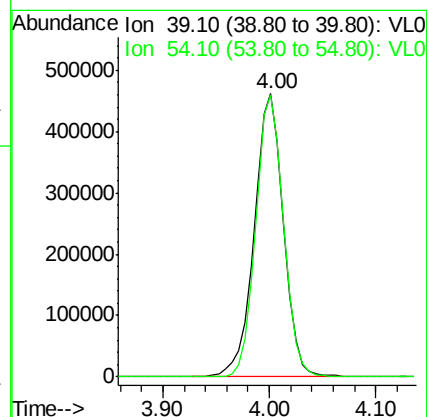
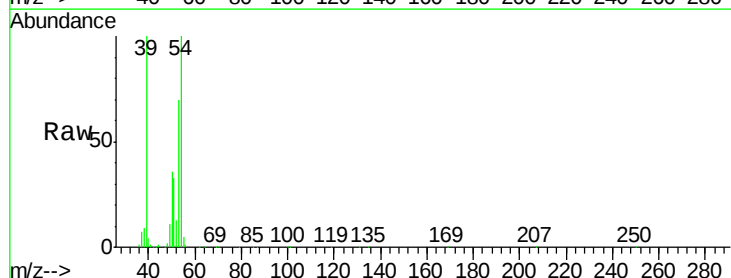
Acq: 9 Feb 2016 22:05

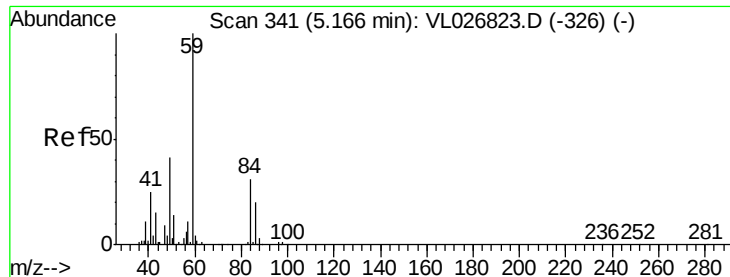
Tgt Ion: 39 Resp: 884636

Ion Ratio Lower Upper

39 100

54 95.4 74.7 112.1



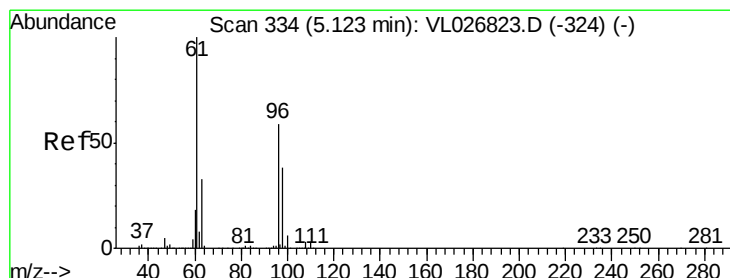
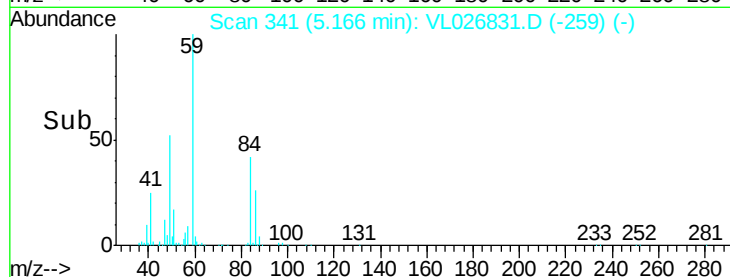
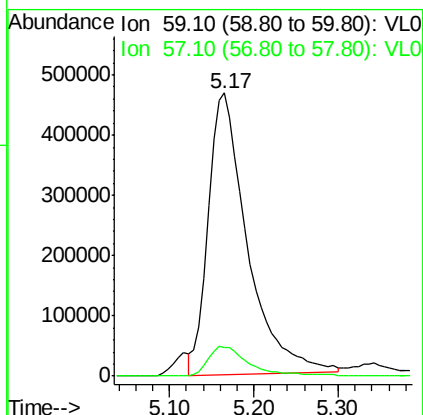
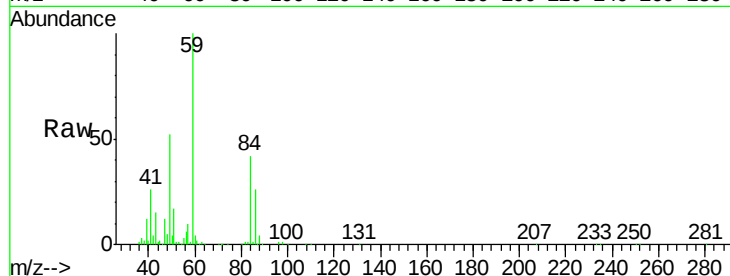


#17

tert-Butyl alcohol
Concen: 9.56 ppbv
RT: 5.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VL026831.D
Acq: 9 Feb 2016 22:05

Instrument :
MSVOA_L
ClientSampleId :
ICVVL020916

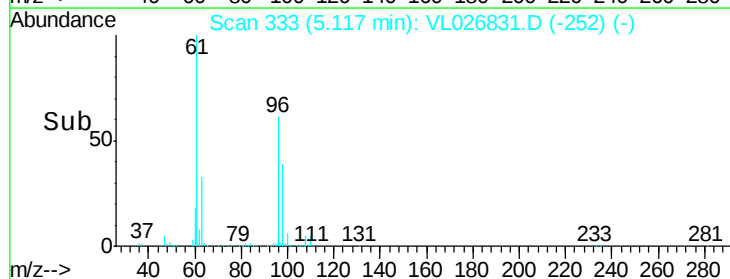
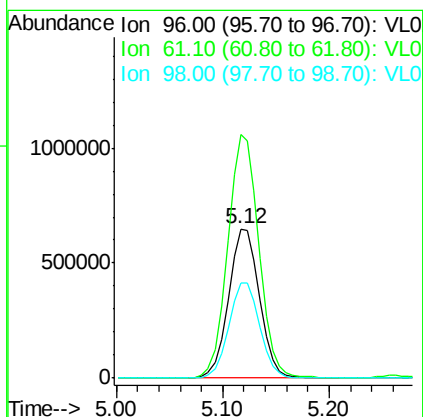
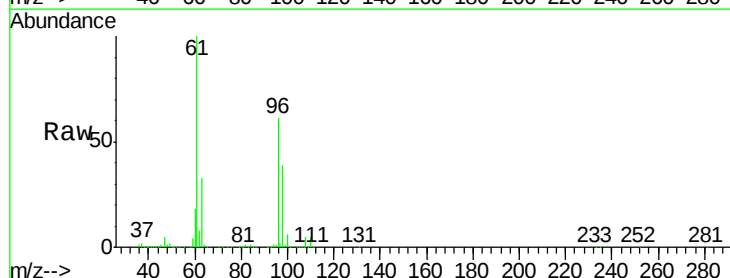
Tgt Ion: 59 Resp: 1501460
Ion Ratio Lower Upper
59 100
57 11.6 8.5 12.7

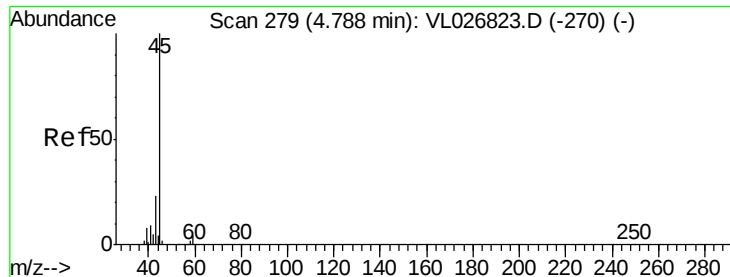


#18

1,1-Dichloroethene
Concen: 10.00 ppbv
RT: 5.12 min Scan# 333
Delta R.T. -0.01 min
Lab File: VL026831.D
Acq: 9 Feb 2016 22:05

Tgt Ion: 96 Resp: 1316997
Ion Ratio Lower Upper
96 100
61 163.4 136.7 205.1
98 64.2 52.1 78.1



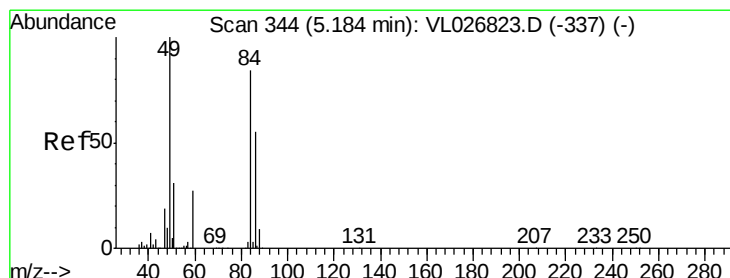
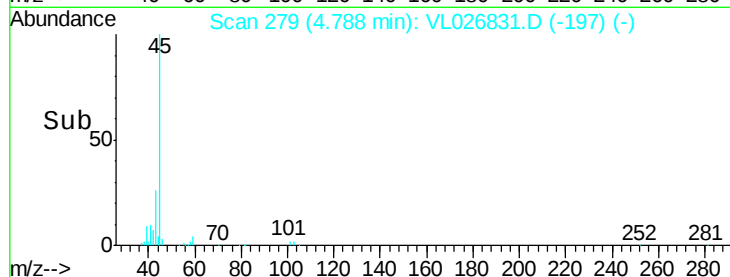
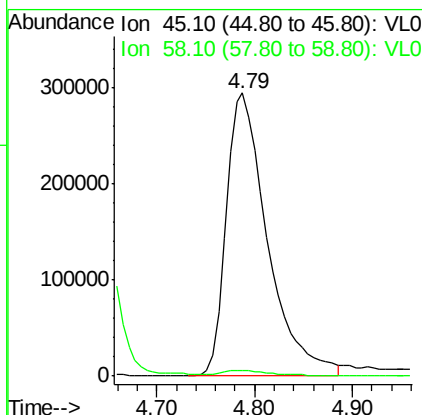
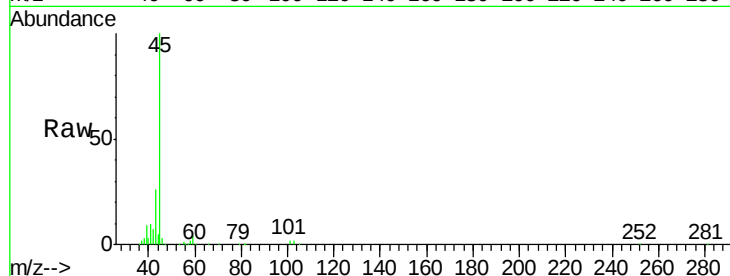


#19

Isopropyl Alcohol
 Concen: 10.07 ppbv
 RT: 4.79 min Scan# 279
 Delta R.T. -0.00 min
 Lab File: VL026831.D
 Acq: 9 Feb 2016 22:05

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL020916

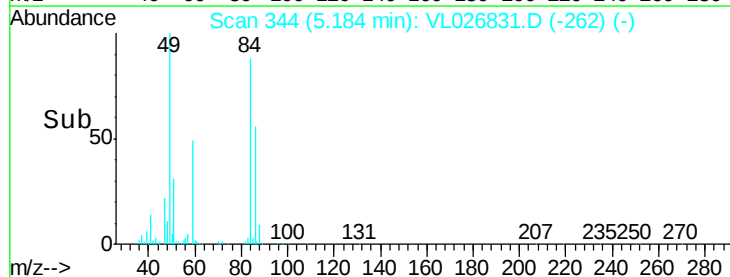
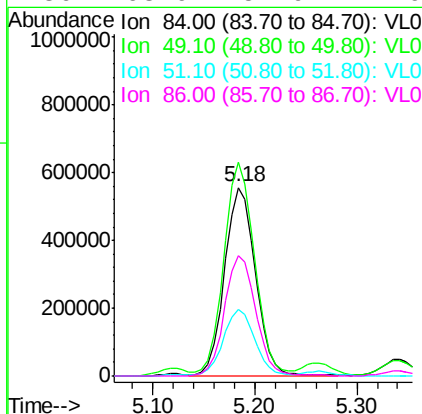
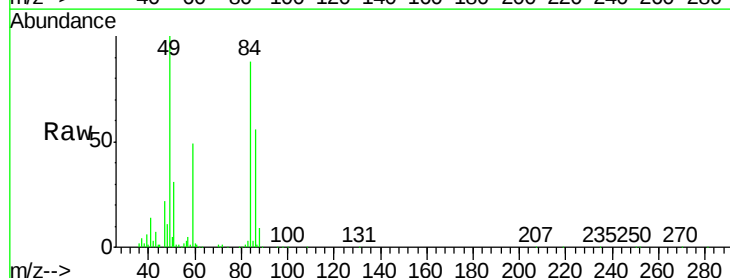
Tgt Ion: 45 Resp: 854797
 Ion Ratio Lower Upper
 45 100
 58 3.0 2.2 3.2

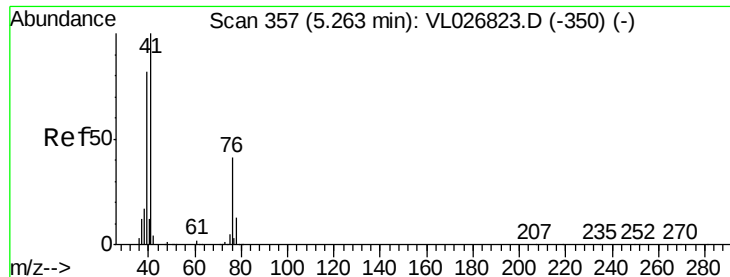


#20

Methylene Chloride
 Concen: 9.49 ppbv
 RT: 5.18 min Scan# 344
 Delta R.T. -0.00 min
 Lab File: VL026831.D
 Acq: 9 Feb 2016 22:05

Tgt Ion: 84 Resp: 1169277
 Ion Ratio Lower Upper
 84 100
 49 111.7 94.9 142.3
 51 34.7 29.5 44.3
 86 63.9 51.9 77.9

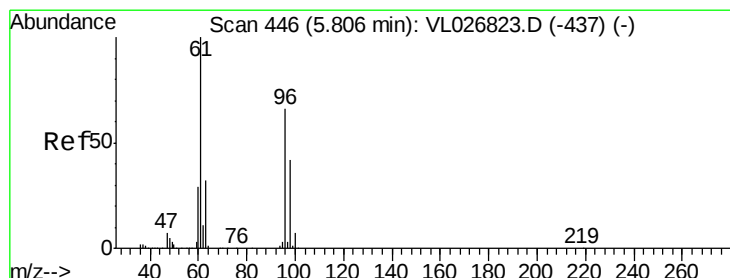
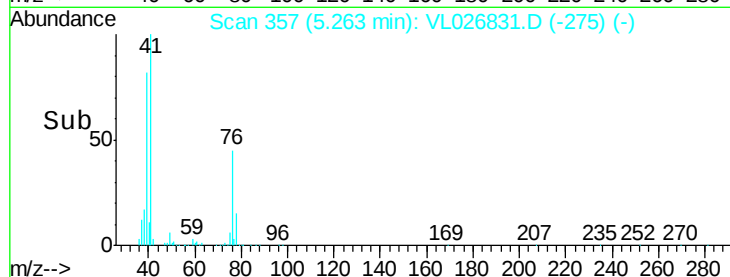
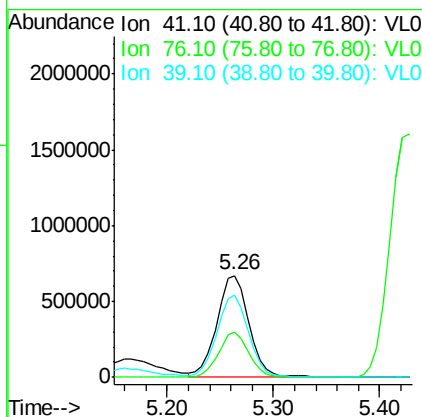
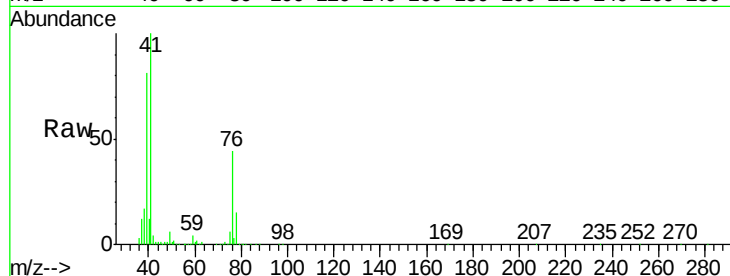




#21
 Allyl Chloride
 Concen: 9.45 ppbv
 RT: 5.26 min Scan# 357
 Delta R.T. -0.00 min
 Lab File: VL026831.D
 Acq: 9 Feb 2016 22:05

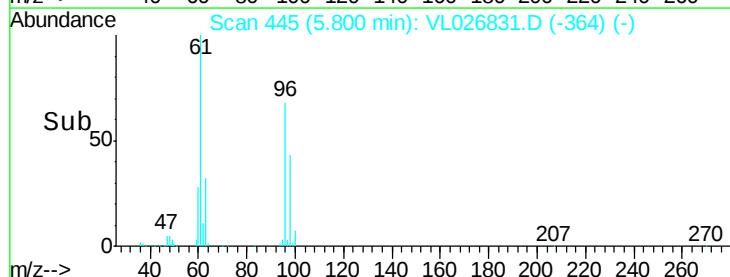
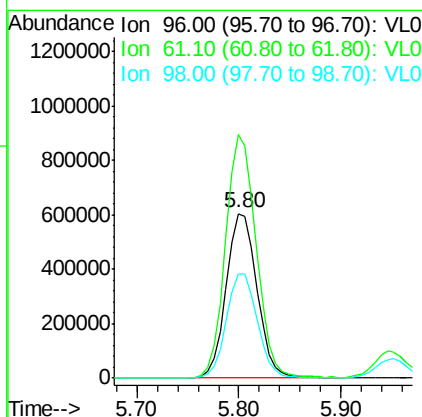
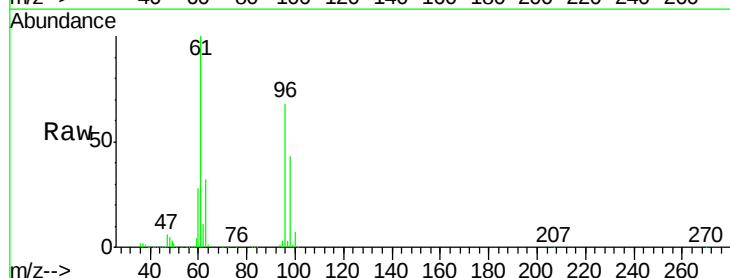
Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL020916

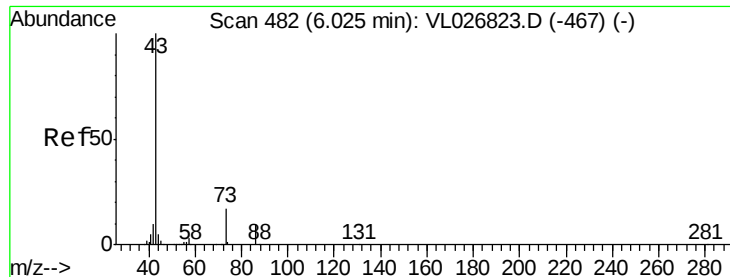
Tgt Ion: 41 Resp: 1387538
 Ion Ratio Lower Upper
 41 100
 76 42.8 32.0 48.0
 39 80.5 64.6 96.8



#22
 trans-1,2-Dichloroethene
 Concen: 10.66 ppbv
 RT: 5.80 min Scan# 445
 Delta R.T. -0.01 min
 Lab File: VL026831.D
 Acq: 9 Feb 2016 22:05

Tgt Ion: 96 Resp: 1266317
 Ion Ratio Lower Upper
 96 100
 61 147.8 121.6 182.4
 98 63.3 50.6 76.0





#23

Vinyl Acetate

Concen: 10.34 ppbv

RT: 6.03 min Scan# 482

Delta R.T. -0.00 min

Lab File: VL026831.D

Acq: 9 Feb 2016 22:05

Instrument :

MSVOA_L

ClientSampleId :

ICVVL020916

Tgt Ion: 43 Resp: 3335869

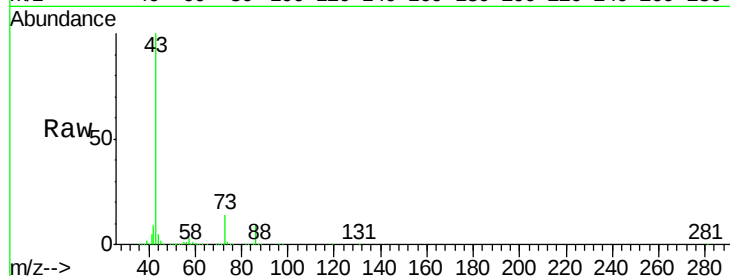
Ion	Ratio	Lower	Upper
43	100		
86	10.2	7.7	11.5
42	9.1	7.8	11.8
44	5.0	3.9	5.9

43 100

86 10.2 7.7 11.5

42 9.1 7.8 11.8

44 5.0 3.9 5.9



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

2000000

1500000

1000000

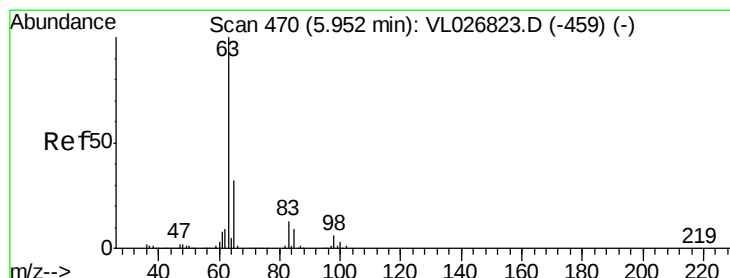
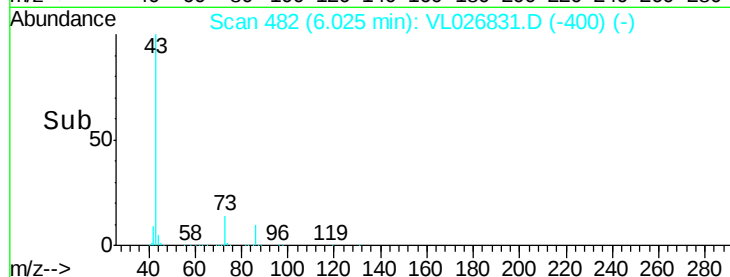
500000

0

6.03

5.90 6.00 6.10

Time-->



#24

1,1-Dichloroethane

Concen: 9.95 ppbv

RT: 5.95 min Scan# 470

Delta R.T. -0.00 min

Lab File: VL026831.D

Acq: 9 Feb 2016 22:05

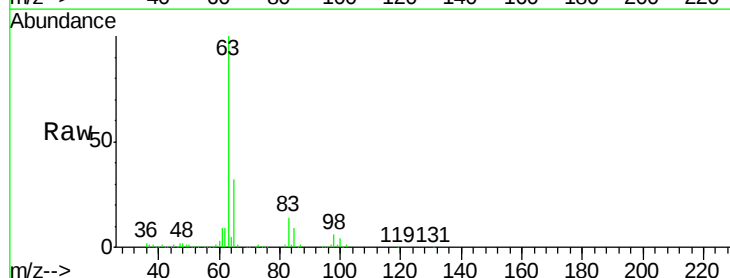
Tgt Ion: 63 Resp: 2565681

Ion	Ratio	Lower	Upper
63	100		
98	6.2	2.9	8.7
100	4.0	1.7	5.1

63 100

98 6.2 2.9 8.7

100 4.0 1.7 5.1



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

1500000

1000000

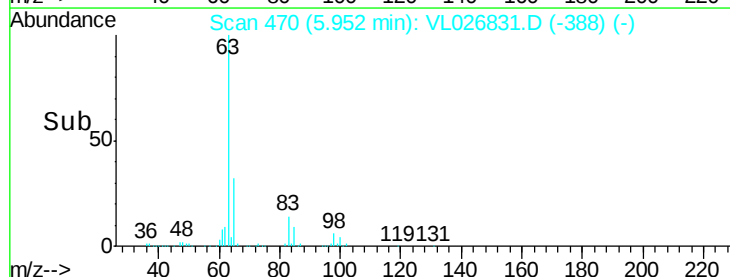
500000

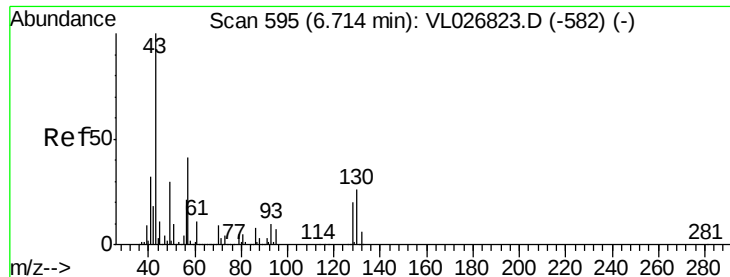
0

5.95

5.80 5.90 6.00 6.10

Time-->



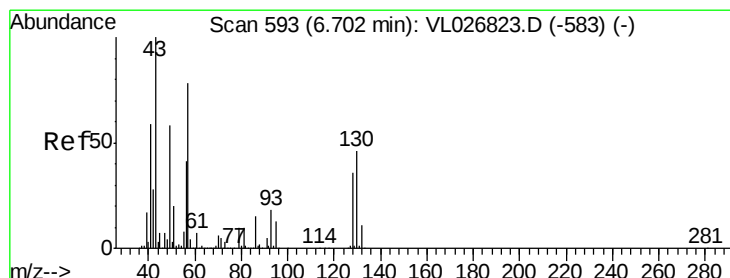
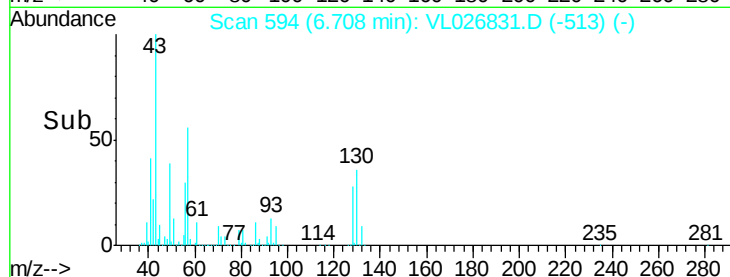
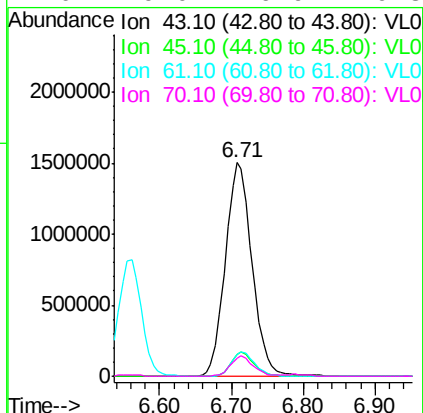
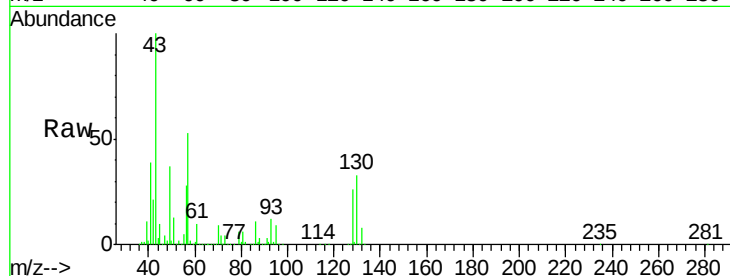


#25
Ethyl Acetate
Concen: 10.77 ppbv
RT: 6.71 min Scan# 594
Delta R.T. -0.01 min
Lab File: VL026831.D
Acq: 9 Feb 2016 22:05

Instrument :
MSVOA_L
ClientSampleId :
ICVVL020916

Tgt Ion: 43 Resp: 3845318

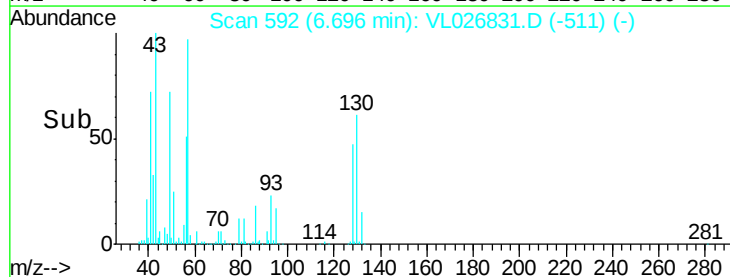
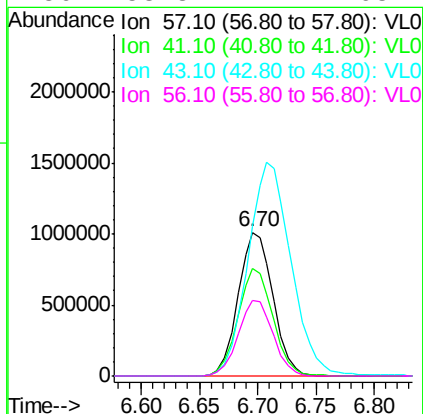
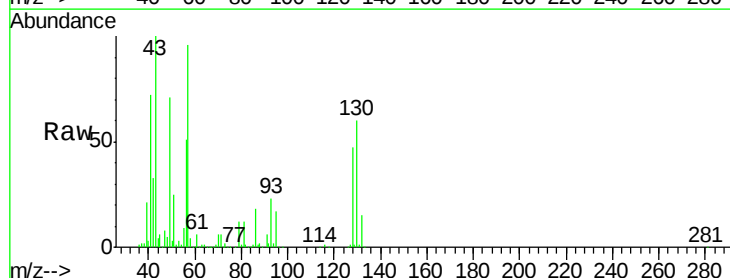
Ion	Ratio	Lower	Upper
43	100		
45	9.8	7.8	11.8
61	10.3	7.9	11.9
70	9.0	6.9	10.3

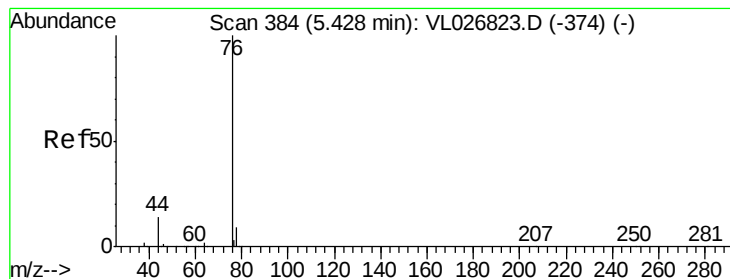


#26
Hexane
Concen: 10.41 ppbv
RT: 6.70 min Scan# 592
Delta R.T. -0.01 min
Lab File: VL026831.D
Acq: 9 Feb 2016 22:05

Tgt Ion: 57 Resp: 2093720

Ion	Ratio	Lower	Upper
57	100		
41	76.3	63.3	94.9
43	184.8	151.4	227.2
56	53.3	42.2	63.2





#27

Carbon Disulfide

Concen: 10.15 ppbv

RT: 5.43 min Scan# 384

Delta R.T. -0.00 min

Lab File: VL026831.D

Acq: 9 Feb 2016 22:05

Instrument :

MSVOA_L

ClientSampleId :

ICVVL020916

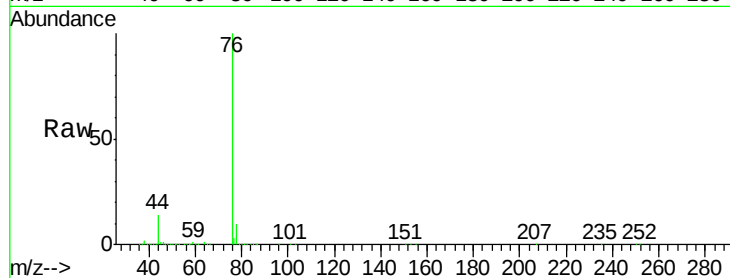
Tgt Ion: 76 Resp: 3518605

Ion Ratio Lower Upper

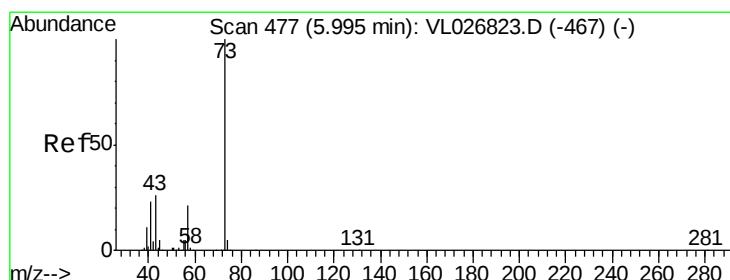
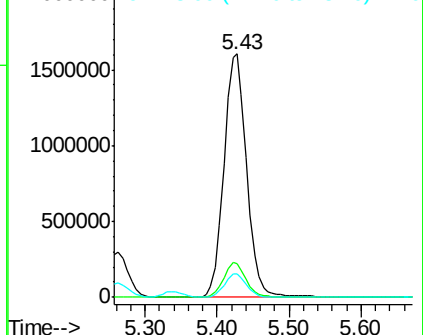
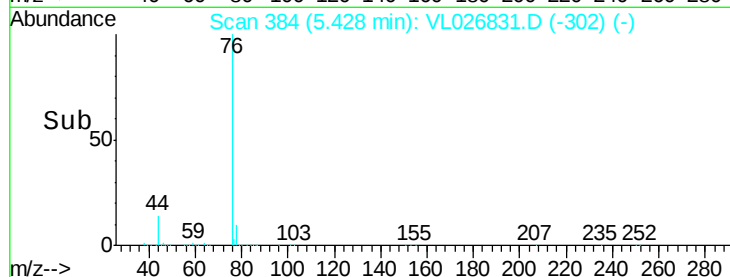
76 100

44 13.7 12.1 18.1

78 9.5 7.7 11.5



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: 10.66 ppbv

RT: 5.99 min Scan# 477

Delta R.T. -0.00 min

Lab File: VL026831.D

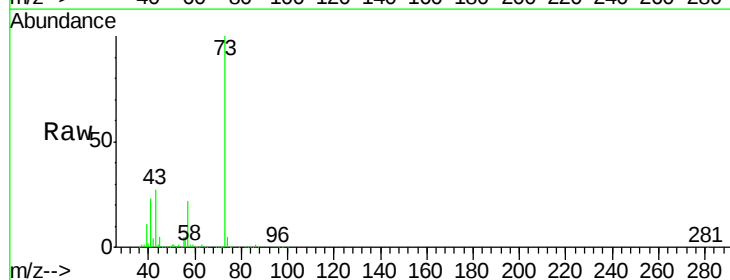
Acq: 9 Feb 2016 22:05

Tgt Ion: 73 Resp: 3352499

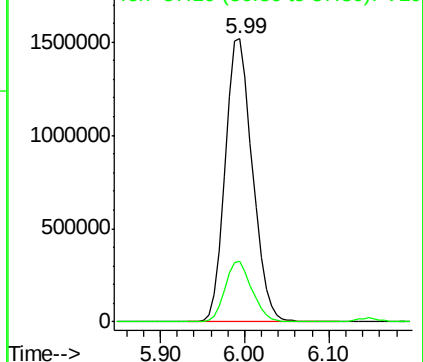
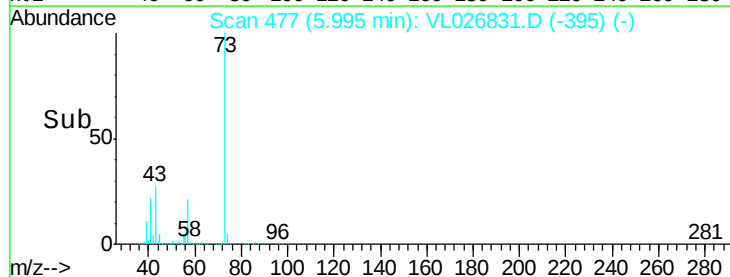
Ion Ratio Lower Upper

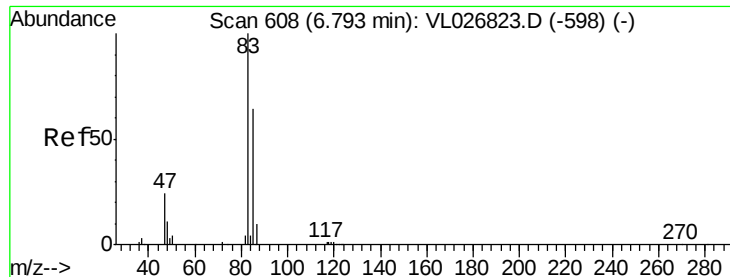
73 100

57 21.2 17.0 25.6



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

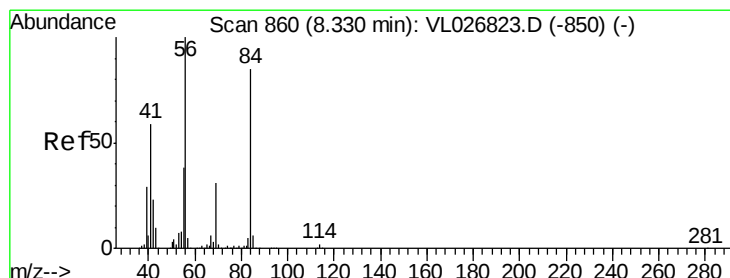
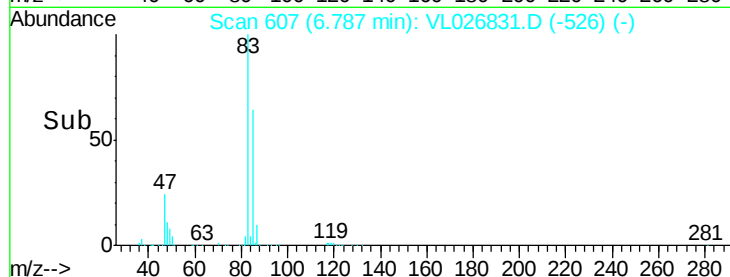
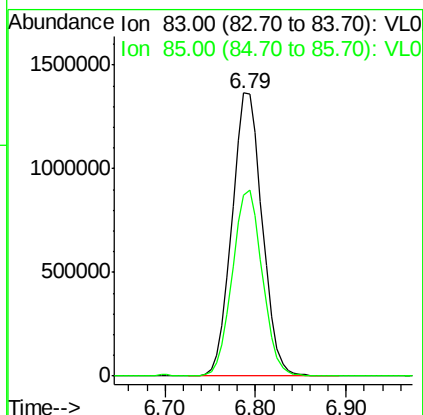
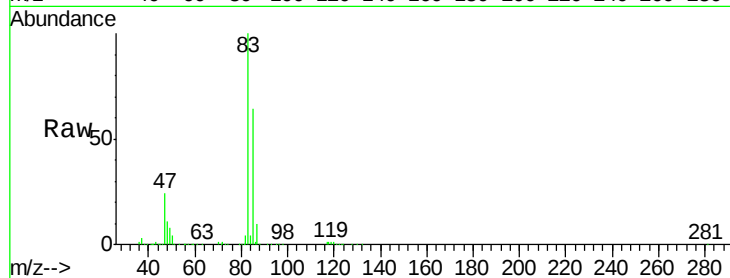




#29
Chloroform
Concen: 10.12 ppbv
RT: 6.79 min Scan# 607
Delta R.T. -0.01 min
Lab File: VL026831.D
Acq: 9 Feb 2016 22:05

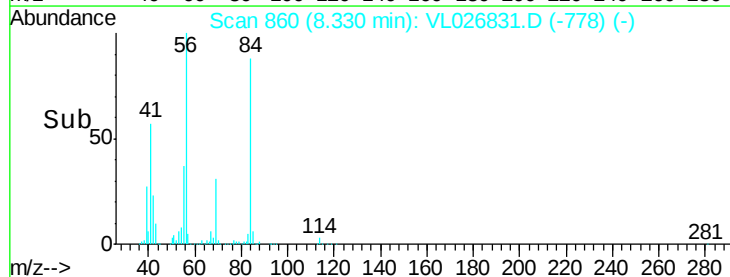
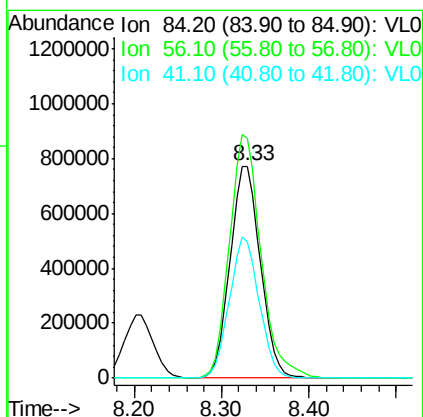
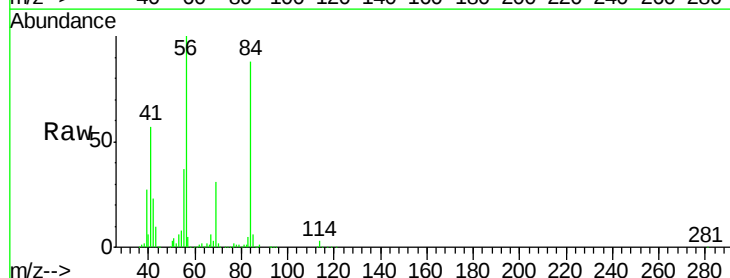
Instrument :
MSVOA_L
ClientSampleId :
ICVVL020916

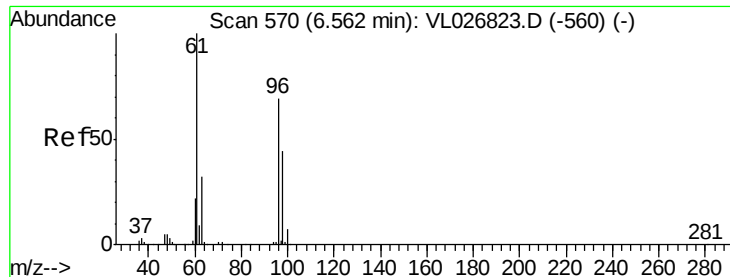
Tgt Ion: 83 Resp: 3168996
Ion Ratio Lower Upper
83 100
85 63.8 51.5 77.3



#30
Cyclohexane
Concen: 11.33 ppbv
RT: 8.33 min Scan# 860
Delta R.T. -0.00 min
Lab File: VL026831.D
Acq: 9 Feb 2016 22:05

Tgt Ion: 84 Resp: 1854293
Ion Ratio Lower Upper
84 100
56 120.2 99.4 149.2
41 65.9 56.7 85.1



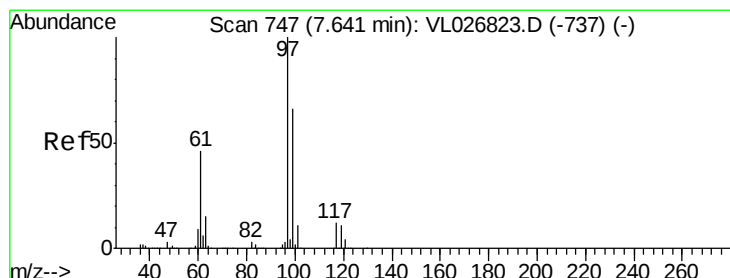
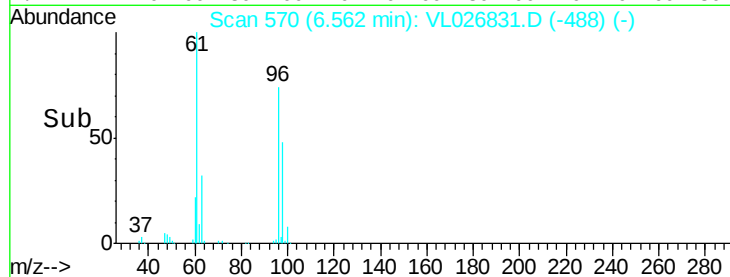
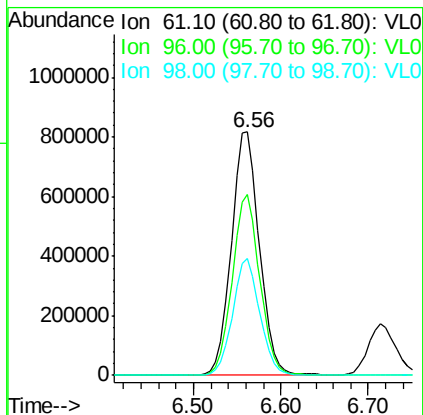
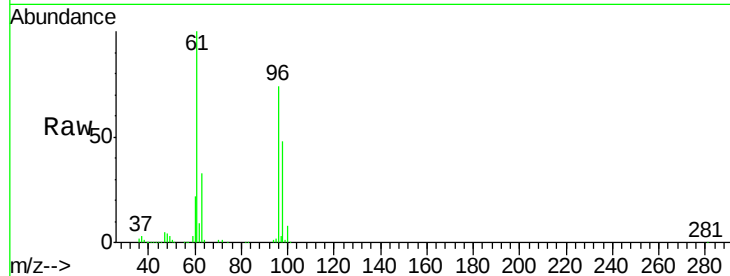


#31

cis-1,2-Dichloroethene
 Concen: 10.85 ppbv
 RT: 6.56 min Scan# 570
 Delta R.T. -0.00 min
 Lab File: VL026831.D
 Acq: 9 Feb 2016 22:05

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL020916

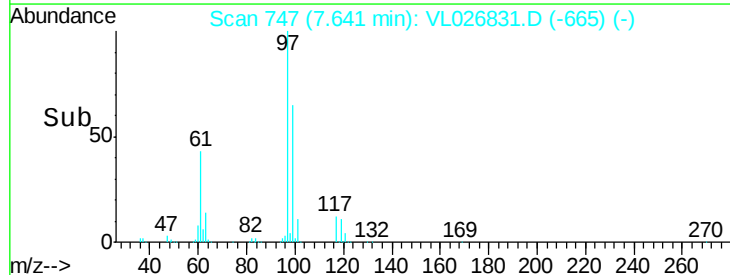
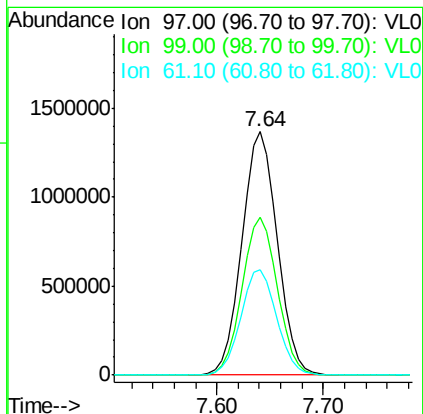
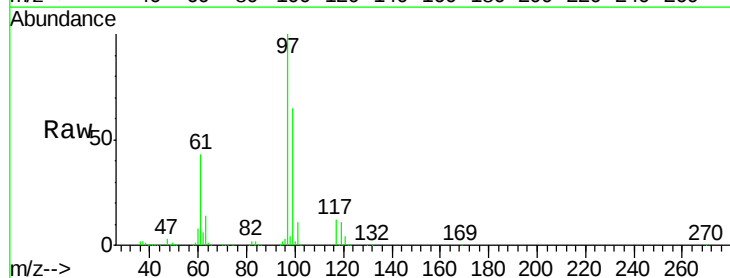
Tgt Ion: 61 Resp: 1821825
 Ion Ratio Lower Upper
 61 100
 96 74.1 55.2 82.8
 98 47.9 35.2 52.8

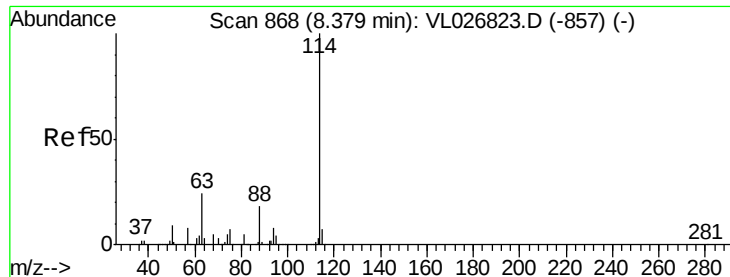


#32

1,1,1-Trichloroethane
 Concen: 10.17 ppbv
 RT: 7.64 min Scan# 747
 Delta R.T. -0.00 min
 Lab File: VL026831.D
 Acq: 9 Feb 2016 22:05

Tgt Ion: 97 Resp: 3203817
 Ion Ratio Lower Upper
 97 100
 99 64.9 52.0 78.0
 61 44.1 36.2 54.4

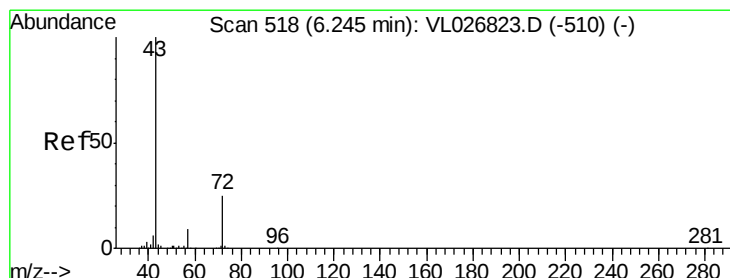
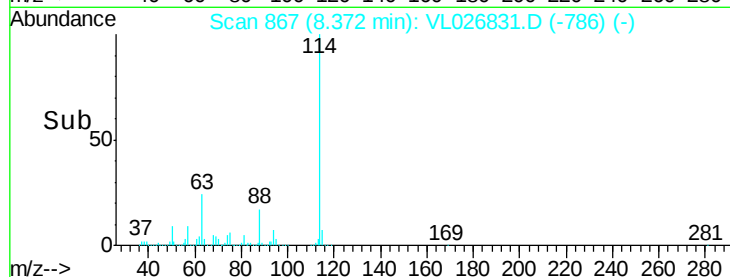
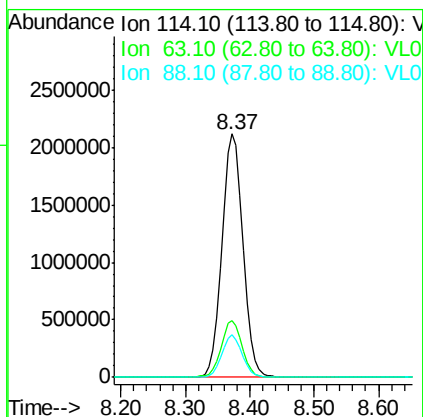
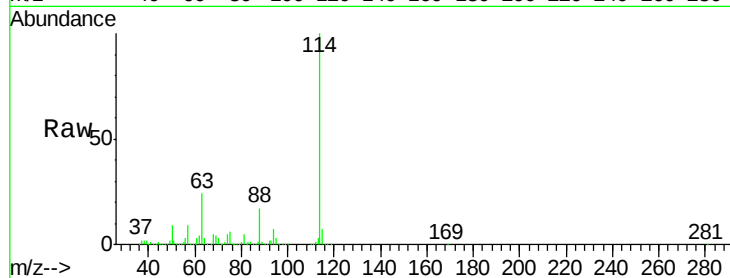




#33
 1,4-Difluorobenzene
 Concen: 10.00 ppbv
 RT: 8.37 min Scan# 867
 Delta R.T. -0.01 min
 Lab File: VL026831.D
 Acq: 9 Feb 2016 22:05

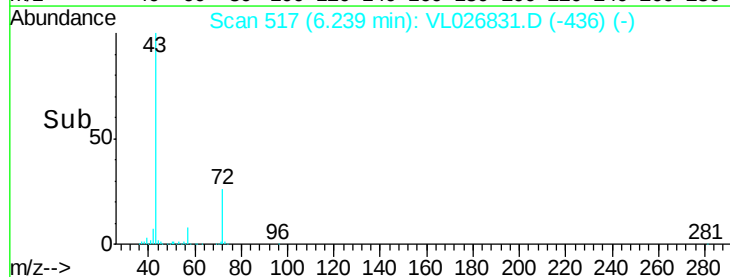
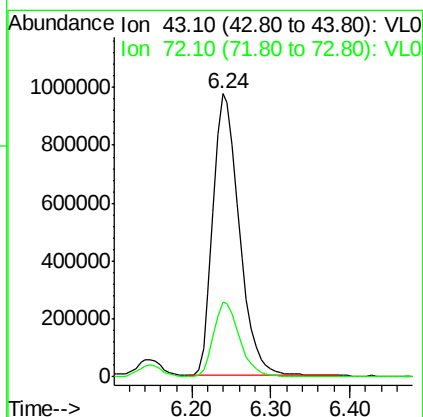
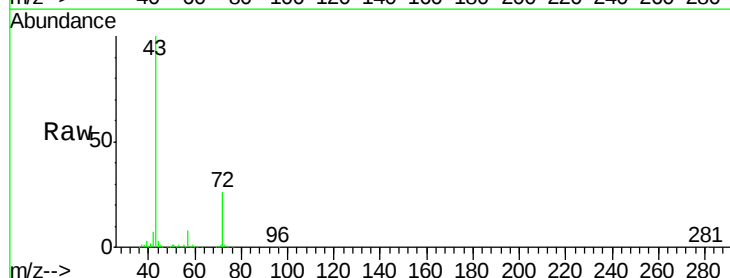
Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL020916

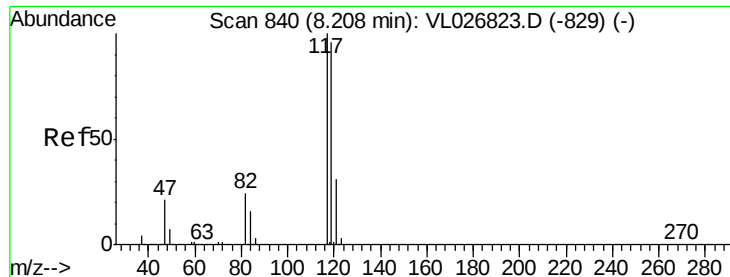
Tgt Ion:114 Resp: 4894103
 Ion Ratio Lower Upper
 114 100
 63 23.5 19.7 29.5
 88 16.8 13.8 20.6



#34
 2-Butanone
 Concen: 9.46 ppbv
 RT: 6.24 min Scan# 517
 Delta R.T. -0.01 min
 Lab File: VL026831.D
 Acq: 9 Feb 2016 22:05

Tgt Ion: 43 Resp: 2268954
 Ion Ratio Lower Upper
 43 100
 72 26.5 19.8 29.8





#35

Carbon Tetrachloride

Concen: 9.87 ppbv

RT: 8.21 min Scan# 840

Delta R.T. -0.00 min

Lab File: VL026831.D

Acq: 9 Feb 2016 22:05

Instrument :

MSVOA_L

ClientSampleId :

ICVVL020916

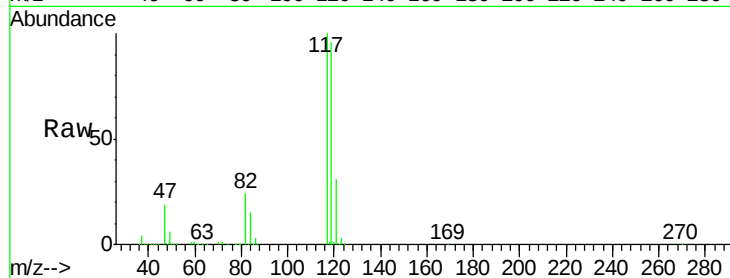
Tgt Ion:117 Resp: 3511537

Ion Ratio Lower Upper

117 100

119 95.6 76.6 115.0

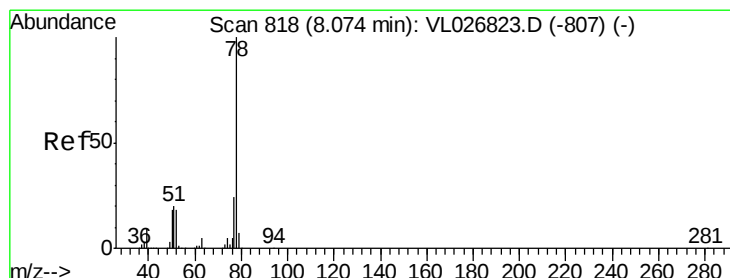
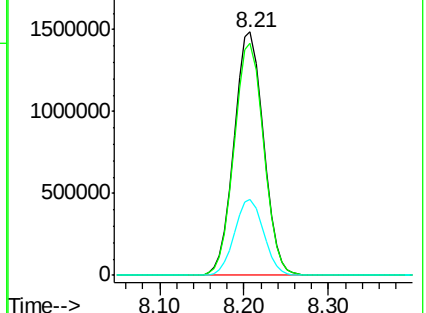
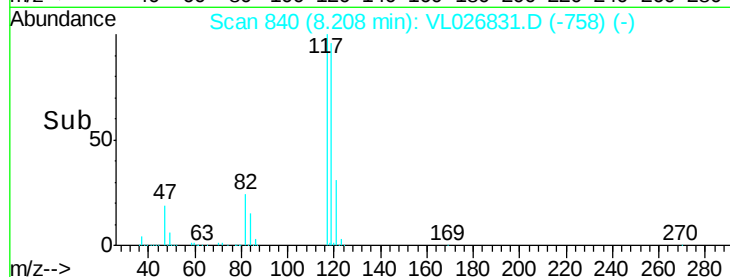
121 31.1 25.0 37.4



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: 10.50 ppbv

RT: 8.07 min Scan# 817

Delta R.T. -0.01 min

Lab File: VL026831.D

Acq: 9 Feb 2016 22:05

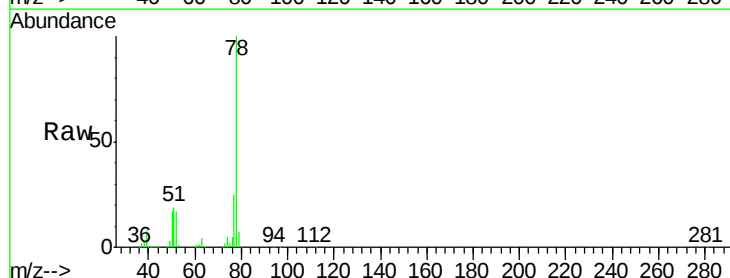
Tgt Ion: 78 Resp: 4078482

Ion Ratio Lower Upper

78 100

77 24.6 19.0 28.6

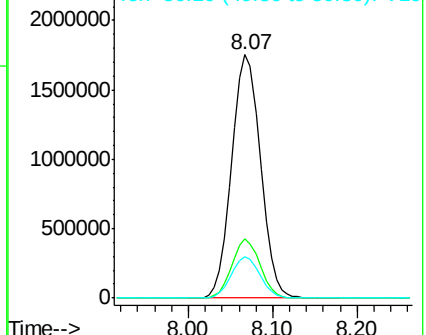
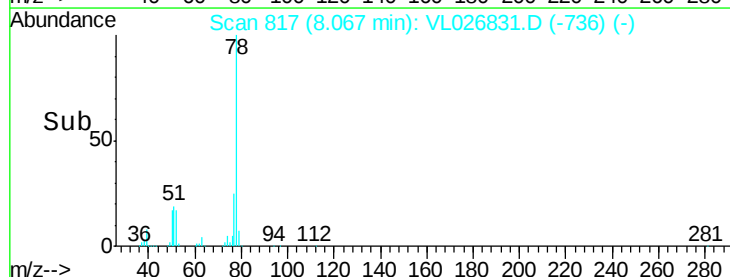
50 17.1 14.2 21.4

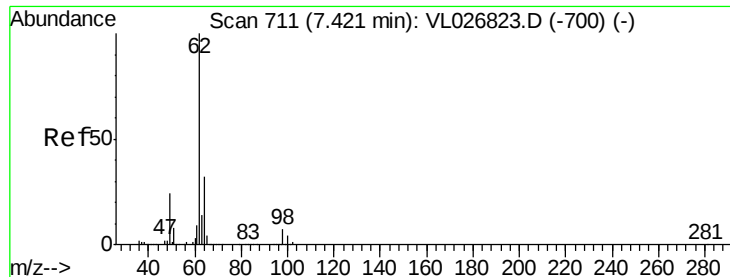


Abundance Ion 78.10 (77.80 to 78.80): VL0

Ion 77.10 (76.80 to 77.80): VL0

Ion 50.10 (49.80 to 50.80): VL0

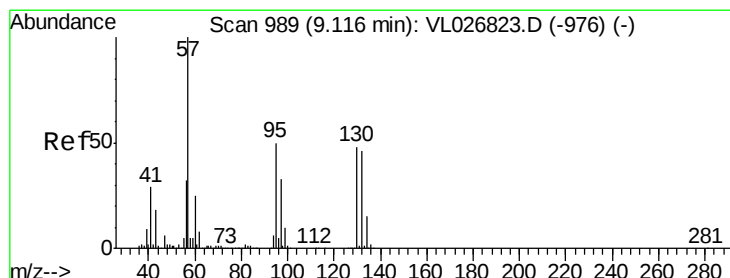
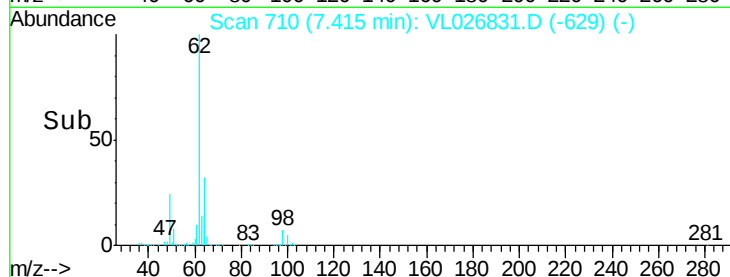
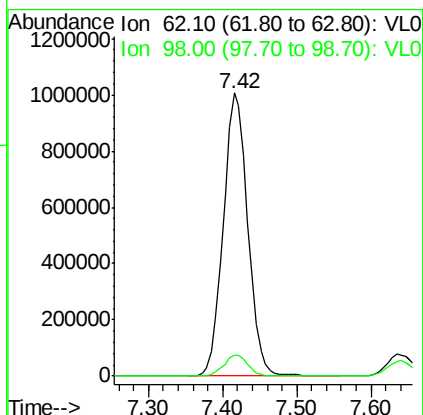
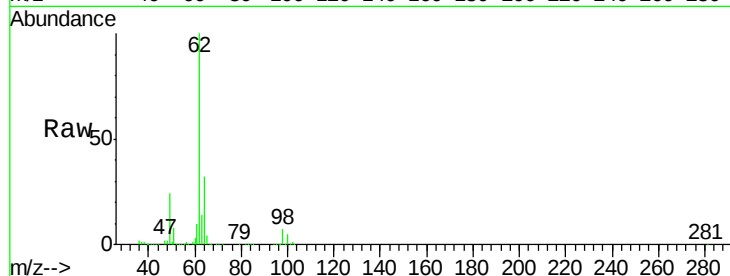




#37
 1,2-Dichloroethane
 Concen: 9.49 ppbv
 RT: 7.42 min Scan# 710
 Delta R.T. -0.01 min
 Lab File: VL026831.D
 Acq: 9 Feb 2016 22:05

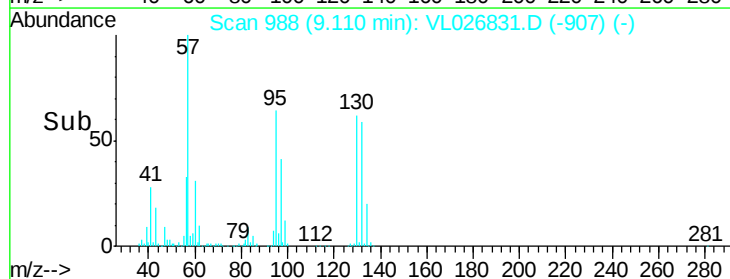
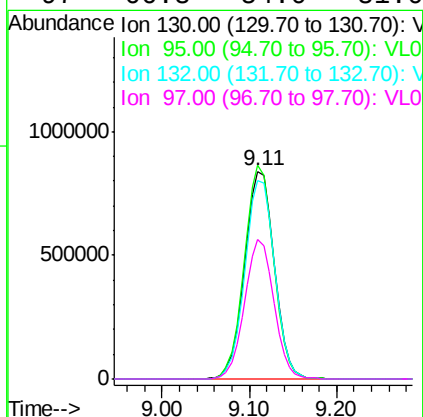
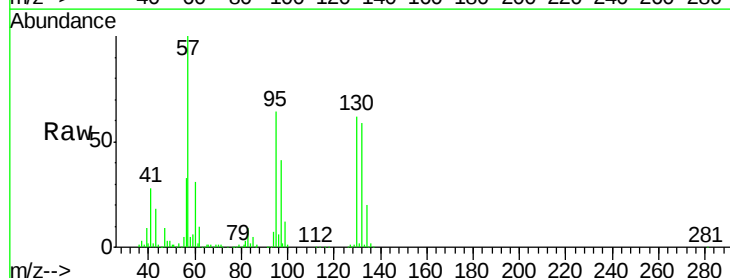
Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL020916

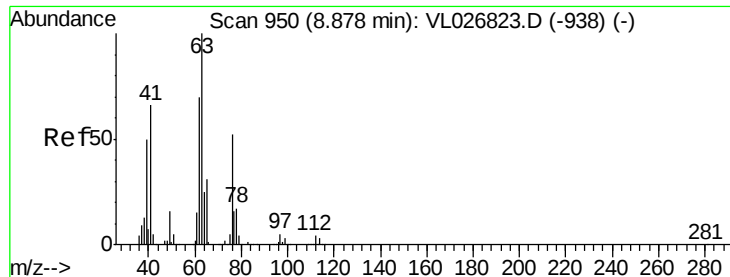
Tgt Ion: 62 Resp: 2308137
 Ion Ratio Lower Upper
 62 100
 98 7.5 5.4 8.2



#38
 Trichloroethene
 Concen: 11.11 ppbv
 RT: 9.11 min Scan# 988
 Delta R.T. -0.01 min
 Lab File: VL026831.D
 Acq: 9 Feb 2016 22:05

Tgt Ion: 130 Resp: 1988221
 Ion Ratio Lower Upper
 130 100
 95 102.7 83.0 124.6
 132 95.4 76.0 114.0
 97 66.8 54.0 81.0

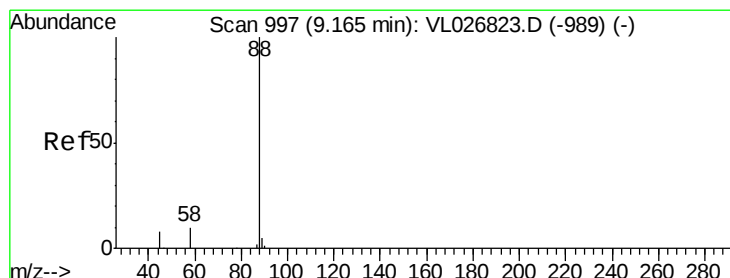
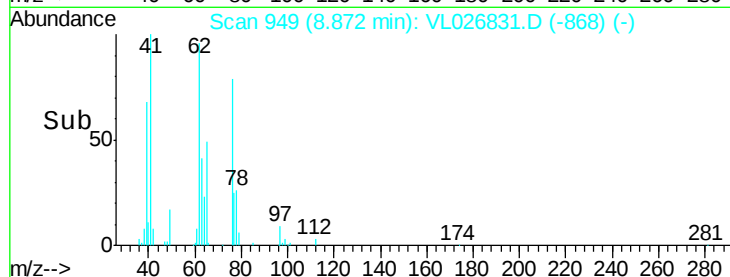
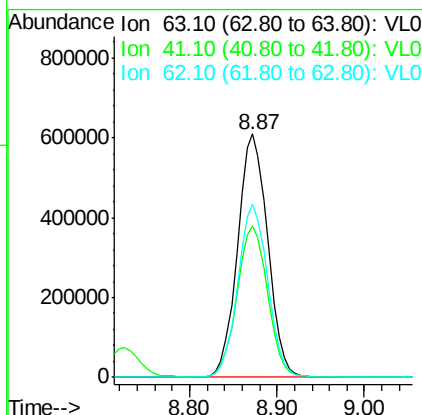
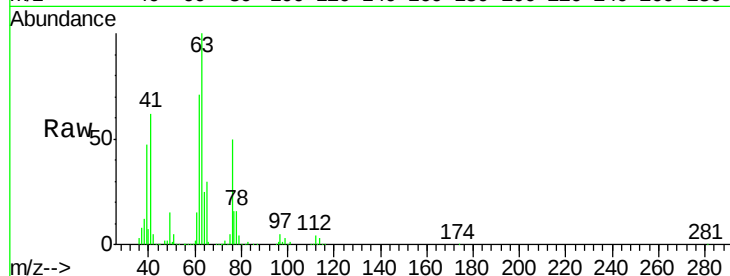




#39
 1,2-Dichloropropane
 Concen: 9.95 ppbv
 RT: 8.87 min Scan# 949
 Delta R.T. -0.01 min
 Lab File: VL026831.D
 Acq: 9 Feb 2016 22:05

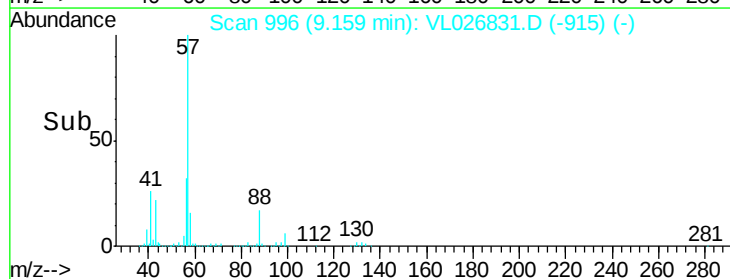
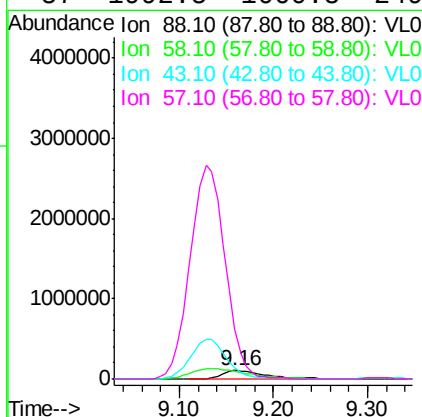
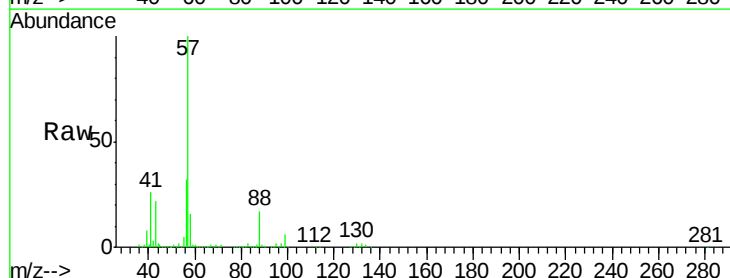
Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL020916

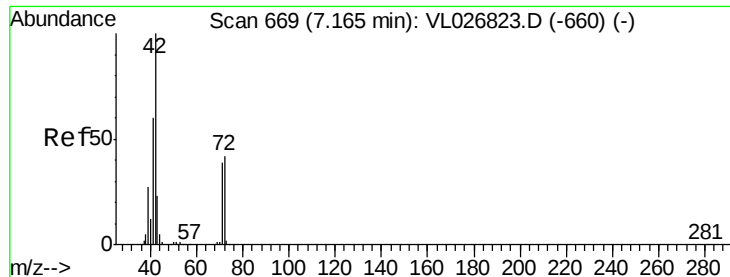
Tgt Ion: 63 Resp: 1460639
 Ion Ratio Lower Upper
 63 100
 41 62.2 53.2 79.8
 62 70.9 56.0 84.0



#40
 1,4-Dioxane
 Concen: 13.30 ppbv
 RT: 9.16 min Scan# 996
 Delta R.T. -0.01 min
 Lab File: VL026831.D
 Acq: 9 Feb 2016 22:05

Tgt Ion: 88 Resp: 346410
 Ion Ratio Lower Upper
 88 100
 58 164.2 135.6 203.4
 43 387.4 332.3 498.5
 57 1992.5 1660.5 2490.7

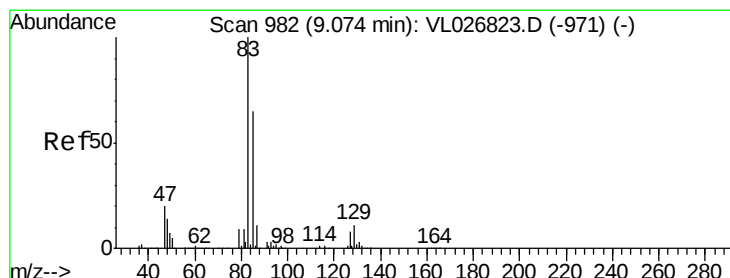
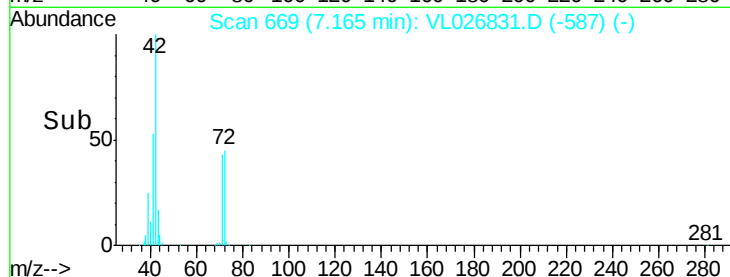
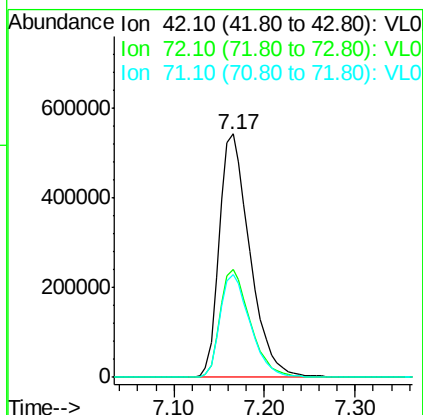
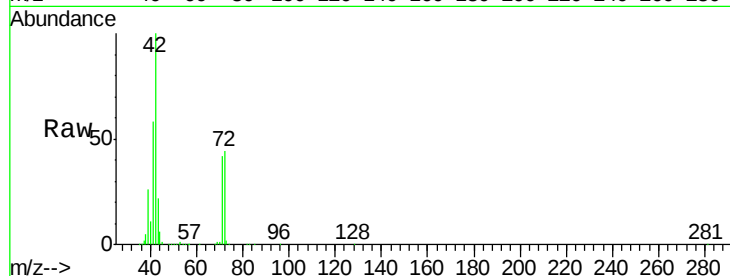




#41
Tetrahydrofuran
Concen: 10.82 ppbv
RT: 7.17 min Scan# 669
Delta R.T. -0.00 min
Lab File: VL026831.D
Acq: 9 Feb 2016 22:05

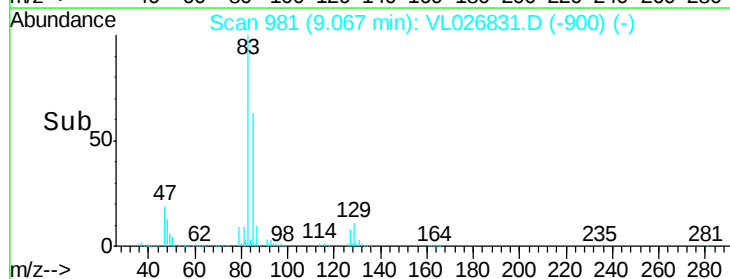
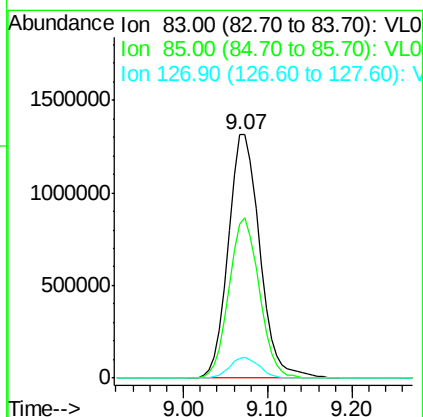
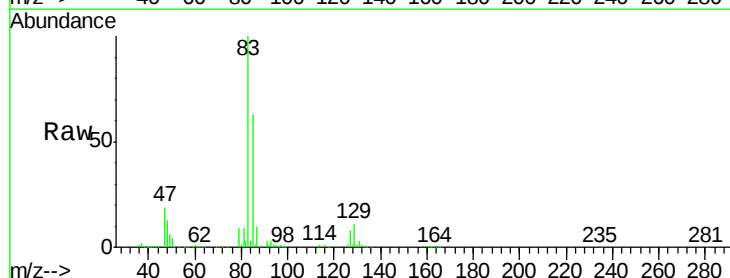
Instrument :
MSVOA_L
ClientSampleId :
ICVVL020916

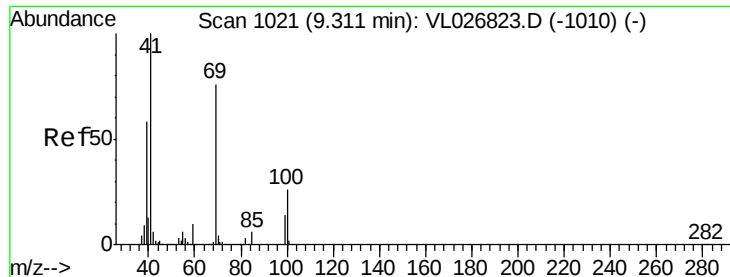
Tgt Ion: 42 Resp: 1277268
Ion Ratio Lower Upper
42 100
72 44.0 33.4 50.0
71 41.9 32.1 48.1



#42
Bromodichloromethane
Concen: 10.24 ppbv
RT: 9.07 min Scan# 981
Delta R.T. -0.01 min
Lab File: VL026831.D
Acq: 9 Feb 2016 22:05

Tgt Ion: 83 Resp: 3350465
Ion Ratio Lower Upper
83 100
85 63.5 51.8 77.6
127 8.1 6.4 9.6

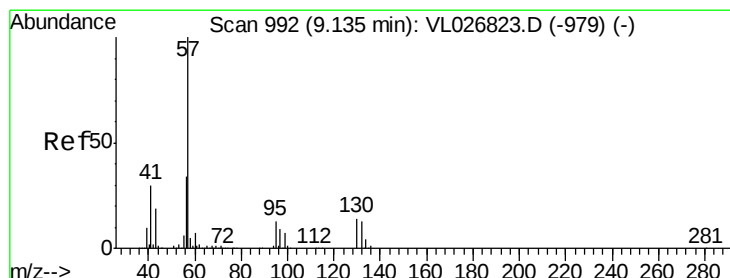
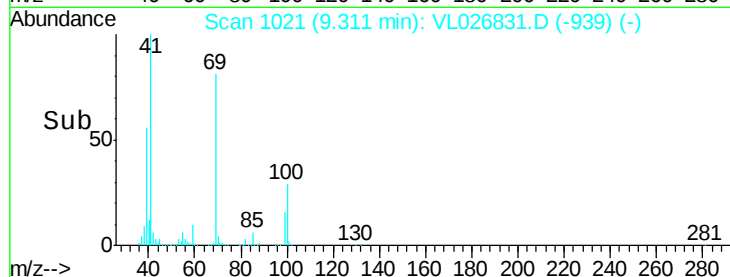
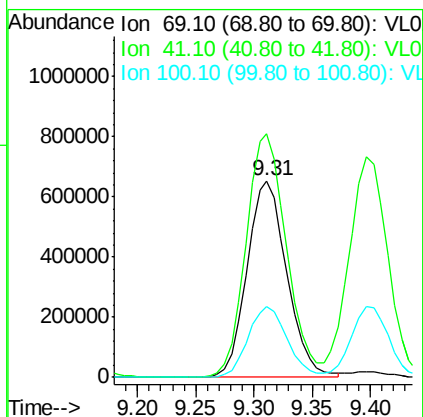
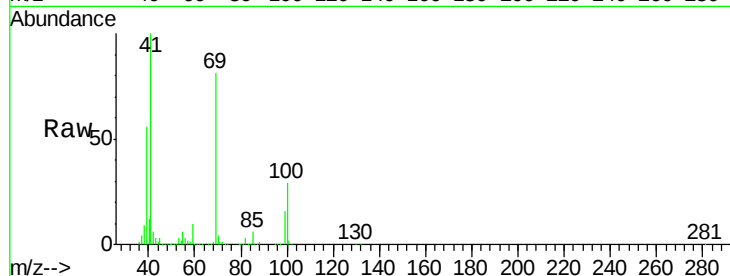




#43
Methyl Methacrylate
Concen: 11.43 ppbv
RT: 9.31 min Scan# 1021
Delta R.T. -0.00 min
Lab File: VL026831.D
Acq: 9 Feb 2016 22:05

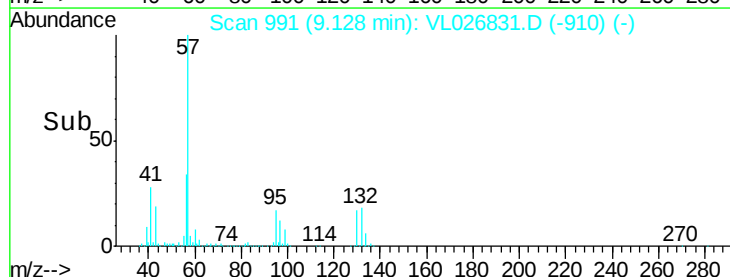
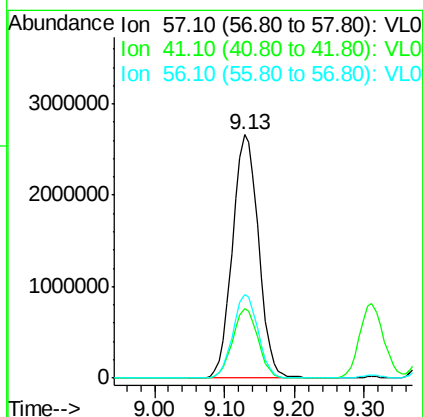
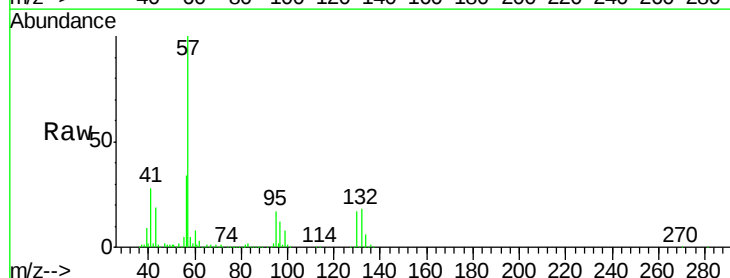
Instrument :
MSVOA_L
ClientSampleId :
ICVVL020916

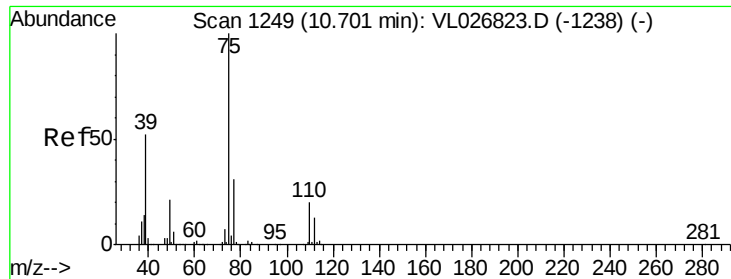
Tgt Ion: 69 Resp: 1555887
Ion Ratio Lower Upper
69 100
41 124.7 106.5 159.7
100 35.3 27.2 40.8



#44
2,2,4-Trimethylpentane
Concen: 10.40 ppbv
RT: 9.13 min Scan# 991
Delta R.T. -0.01 min
Lab File: VL026831.D
Acq: 9 Feb 2016 22:05

Tgt Ion: 57 Resp: 6902485
Ion Ratio Lower Upper
57 100
41 27.7 23.2 34.8
56 33.3 26.2 39.4





#45

t-1,3-Dichloropropene

Concen: 11.79 ppbv

RT: 10.70 min Scan# 1249

Delta R.T. -0.00 min

Lab File: VL026831.D

Acq: 9 Feb 2016 22:05

Instrument :

MSVOA_L

ClientSampleId :

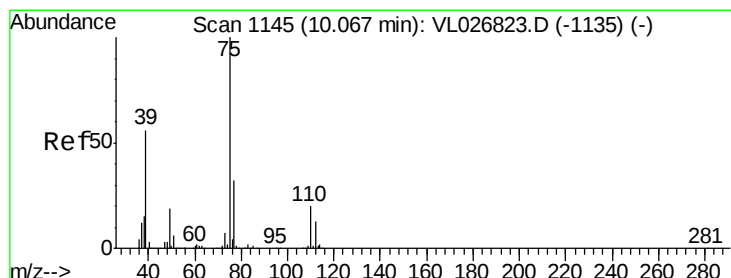
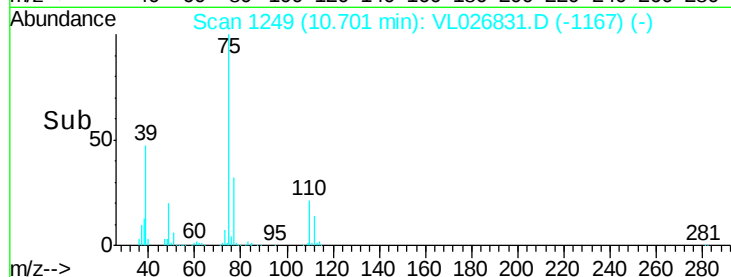
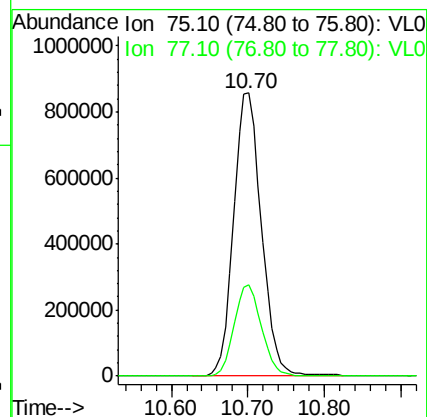
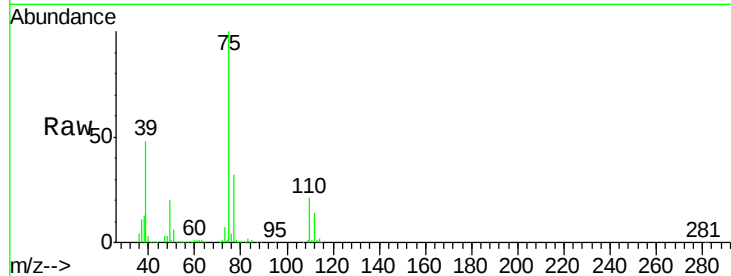
ICVVL020916

Tgt Ion: 75 Resp: 2158825

Ion Ratio Lower Upper

75 100

77 32.1 25.0 37.6



#46

cis-1,3-Dichloropropene

Concen: 11.69 ppbv

RT: 10.07 min Scan# 1145

Delta R.T. -0.00 min

Lab File: VL026831.D

Acq: 9 Feb 2016 22:05

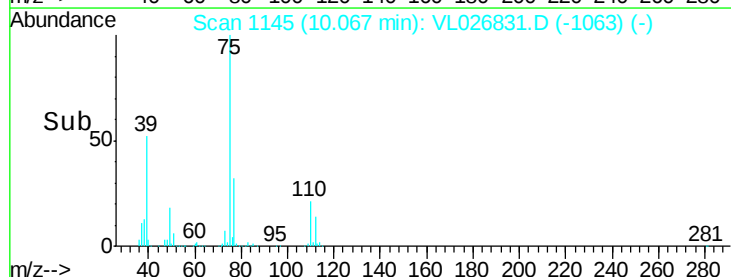
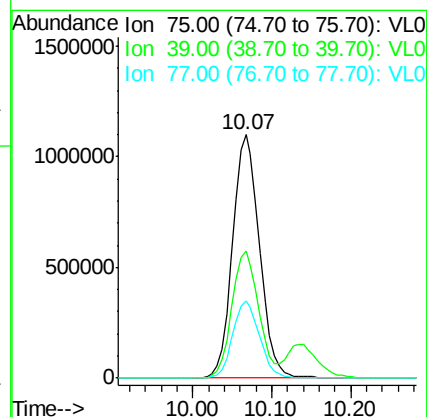
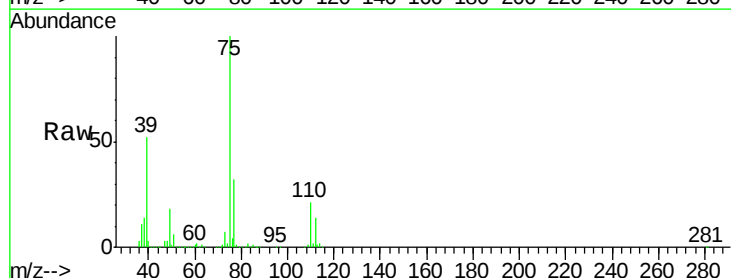
Tgt Ion: 75 Resp: 2607592

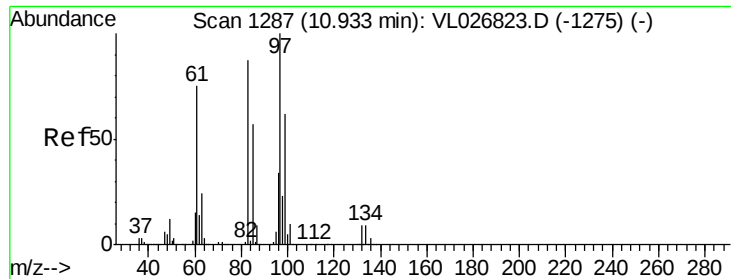
Ion Ratio Lower Upper

75 100

39 52.2 45.0 67.6

77 31.8 25.2 37.8

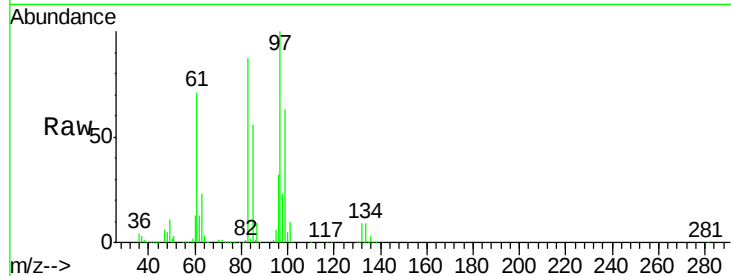




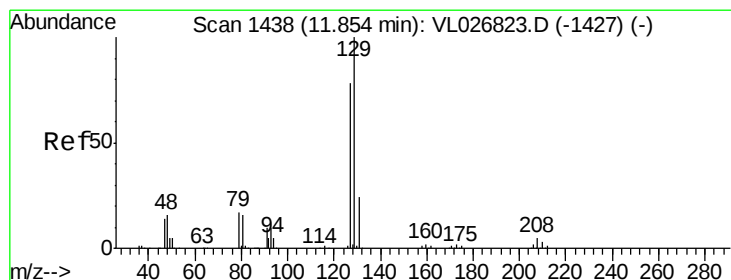
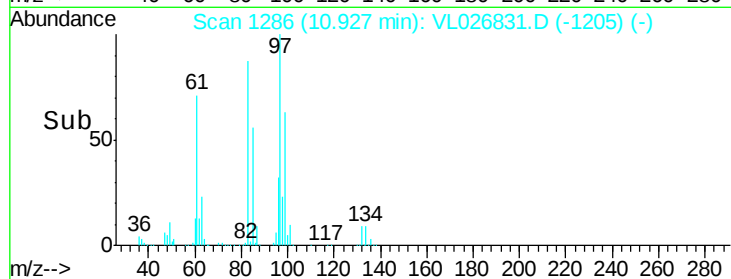
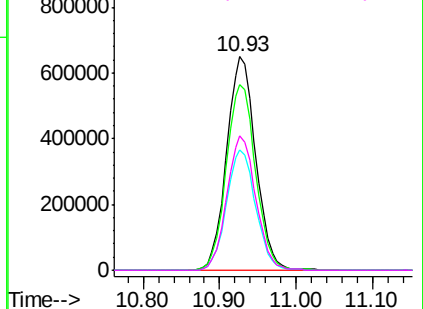
#47
 1,1,2-Trichloroethane
 Concen: 10.51 ppbv
 RT: 10.93 min Scan# 1286
 Delta R.T. -0.01 min
 Lab File: VL026831.D
 Acq: 9 Feb 2016 22:05

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL020916

Tgt Ion: 97 Resp: 1708104
 Ion Ratio Lower Upper
 97 100
 83 86.6 69.7 104.5
 85 56.2 45.3 67.9
 99 62.8 49.9 74.9

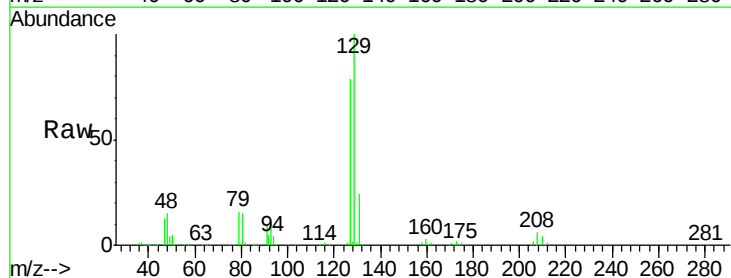


Abundance Ion 97.00 (96.70 to 97.70): VL0
 1000000
 Ion 83.00 (82.70 to 83.70): VL0
 Ion 85.00 (84.70 to 85.70): VL0
 Ion 99.00 (98.70 to 99.70): VL0

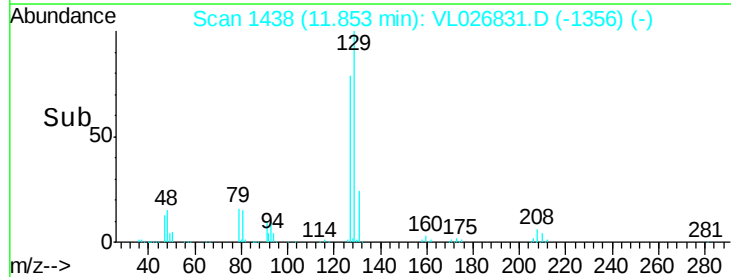
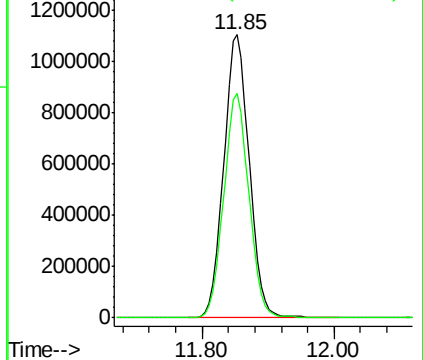


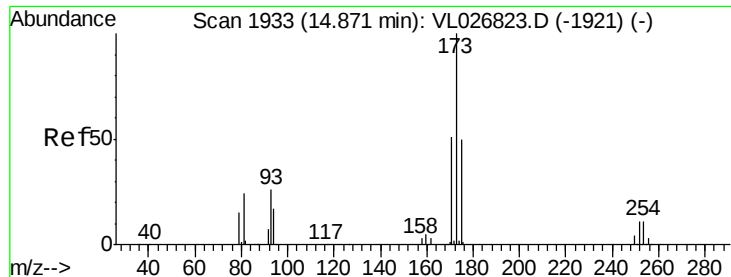
#48
 Dibromochloromethane
 Concen: 11.09 ppbv
 RT: 11.85 min Scan# 1438
 Delta R.T. -0.00 min
 Lab File: VL026831.D
 Acq: 9 Feb 2016 22:05

Tgt Ion: 129 Resp: 2943750
 Ion Ratio Lower Upper
 129 100
 127 78.7 39.6 119.0



Abundance Ion 129.00 (128.70 to 129.70): V
 1200000
 Ion 127.00 (126.70 to 127.70): V





#49

Bromoform

Concen: 11.78 ppbv

RT: 14.87 min Scan# 1933

Delta R.T. -0.00 min

Lab File: VL026831.D

Acq: 9 Feb 2016 22:05

Instrument :

MSVOA_L

ClientSampleId :

ICVVL020916

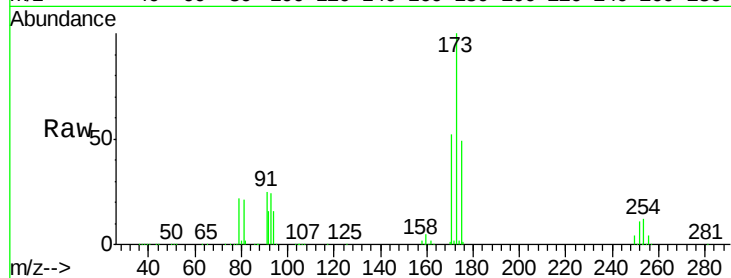
Tgt Ion:173 Resp: 2355011

Ion Ratio Lower Upper

173 100

175 48.9 39.2 58.8

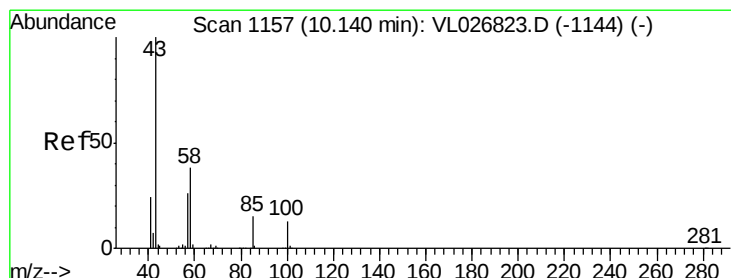
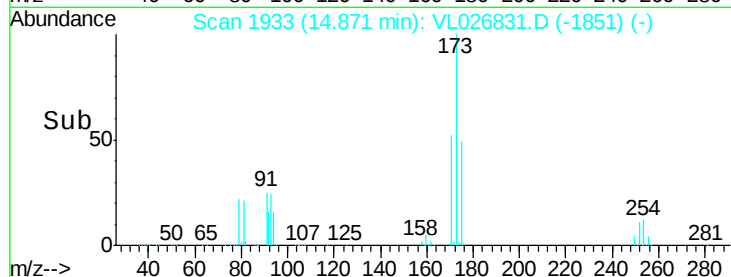
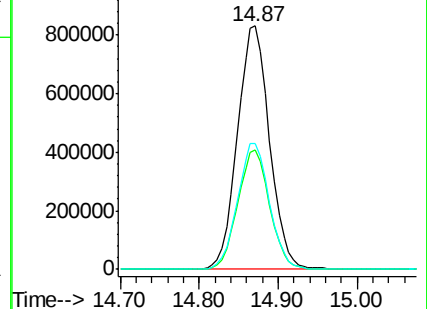
171 51.6 41.4 62.0



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: 10.77 ppbv

RT: 10.13 min Scan# 1156

Delta R.T. -0.01 min

Lab File: VL026831.D

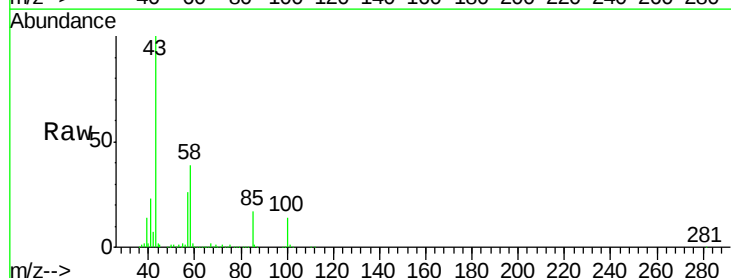
Acq: 9 Feb 2016 22:05

Tgt Ion: 43 Resp: 3046788

Ion Ratio Lower Upper

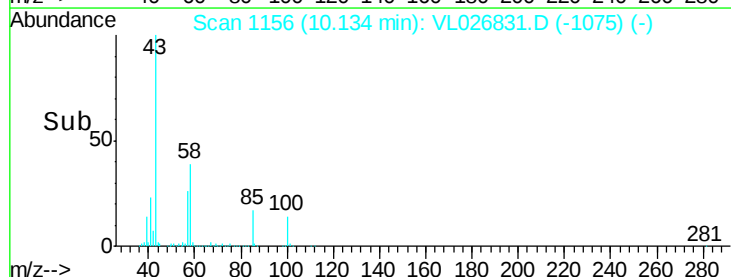
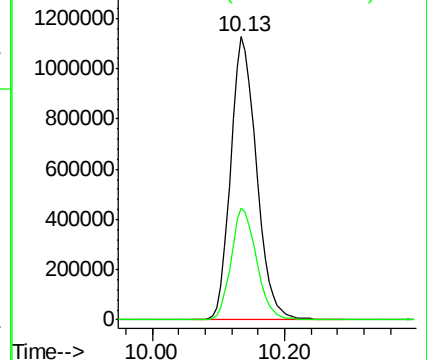
43 100

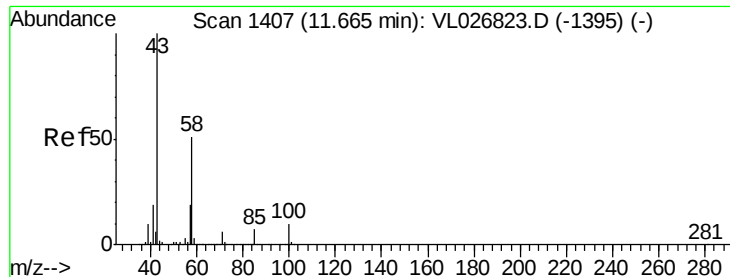
58 39.1 30.3 45.5



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0





#51

2-Hexanone

Concen: 11.49 ppbv

RT: 11.66 min Scan# 1407

Delta R.T. -0.00 min

Lab File: VL026831.D

Acq: 9 Feb 2016 22:05

Instrument :

MSVOA_L

ClientSampleId :

ICVVL020916

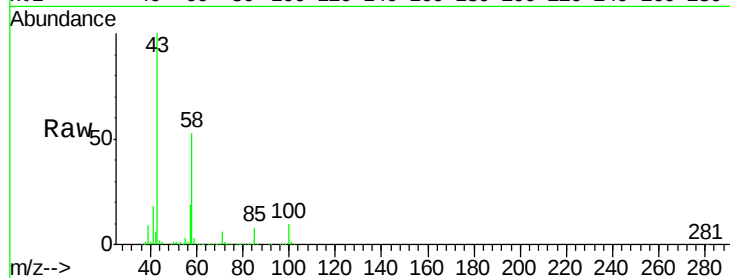
Tgt Ion: 43 Resp: 2723565

Ion Ratio Lower Upper

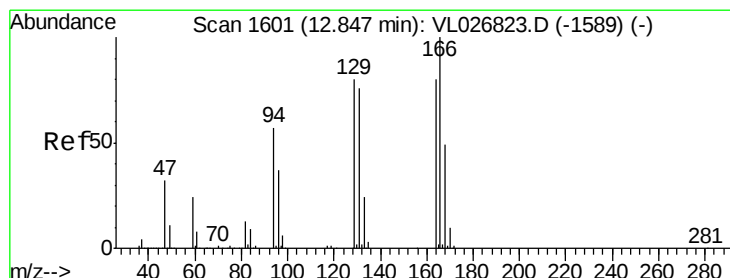
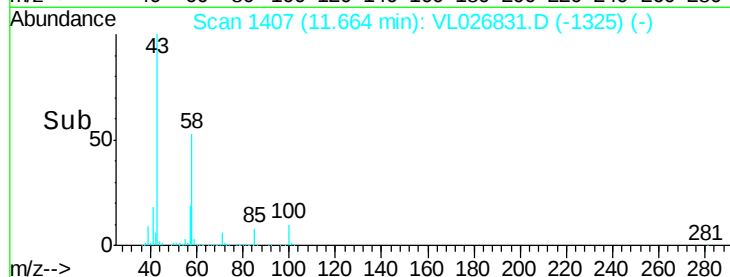
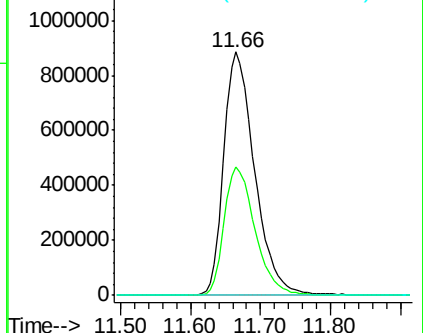
43 100

58 53.0 40.4 60.6

98 0.3 0.2 0.4



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: 11.76 ppbv

RT: 12.84 min Scan# 1600

Delta R.T. -0.01 min

Lab File: VL026831.D

Acq: 9 Feb 2016 22:05

Tgt Ion: 164 Resp: 1797370

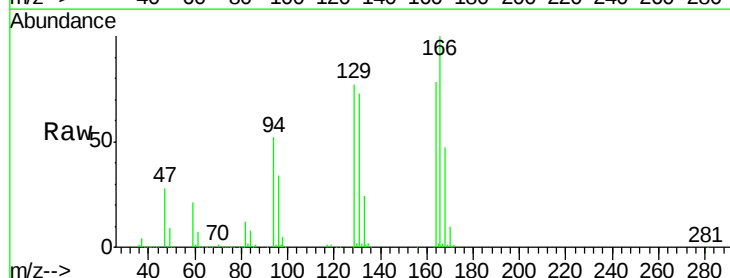
Ion Ratio Lower Upper

164 100

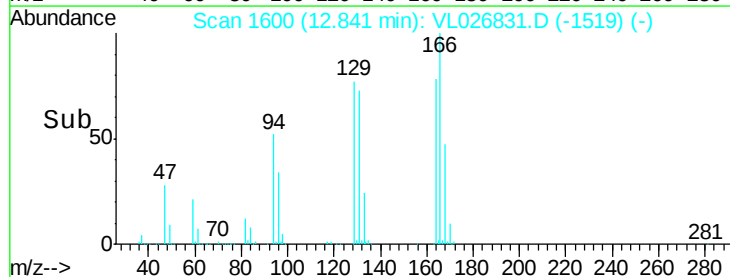
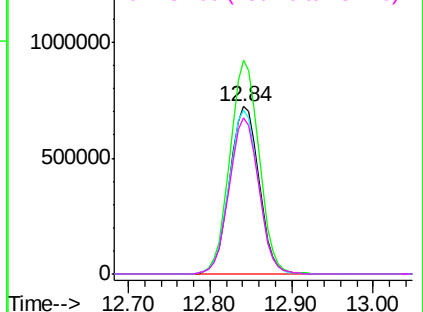
166 127.5 100.3 150.5

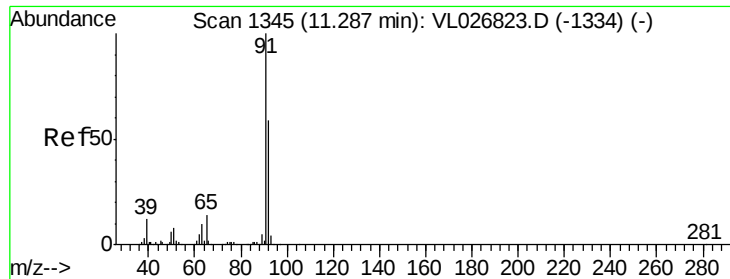
129 97.9 80.0 120.0

131 93.2 76.7 115.1



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: 11.55 ppbv

RT: 11.29 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VL026831.D

Acq: 9 Feb 2016 22:05

Instrument :

MSVOA_L

ClientSampleId :

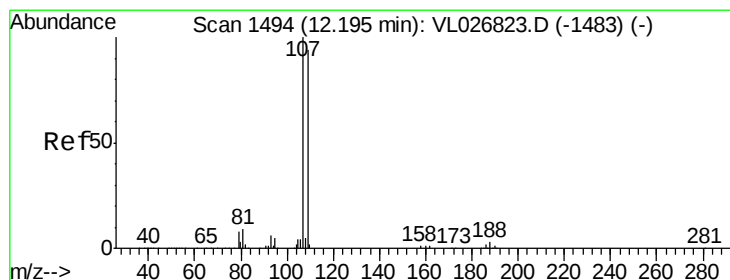
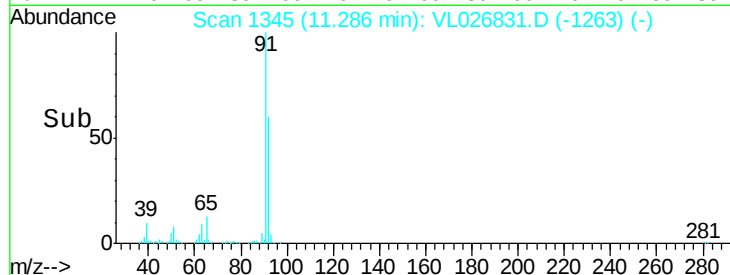
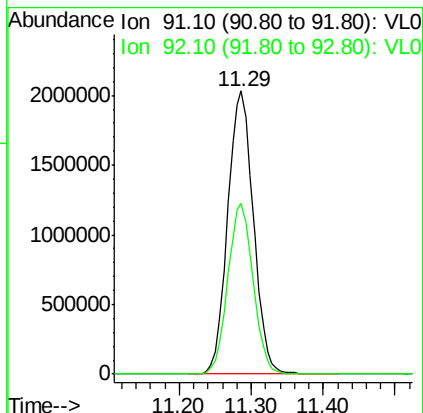
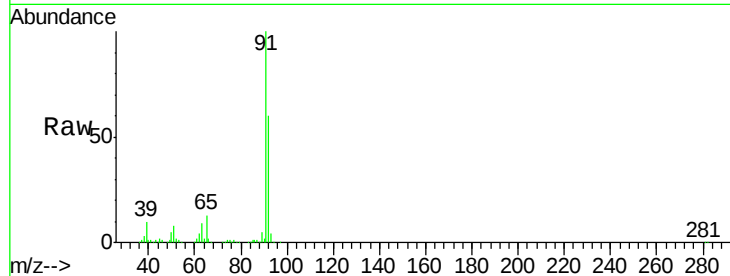
ICVVL020916

Tgt Ion: 91 Resp: 5047363

Ion Ratio Lower Upper

91 100

92 59.5 47.3 70.9



#54

1,2-Dibromoethane

Concen: 10.72 ppbv

RT: 12.19 min Scan# 1494

Delta R.T. -0.00 min

Lab File: VL026831.D

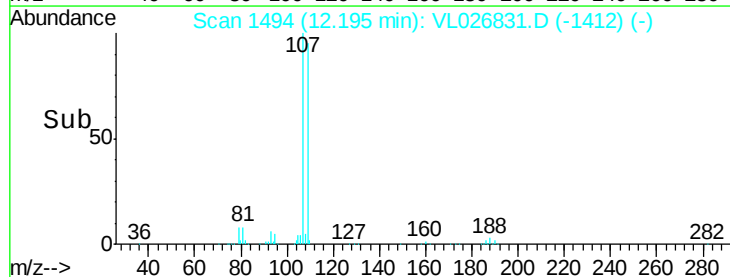
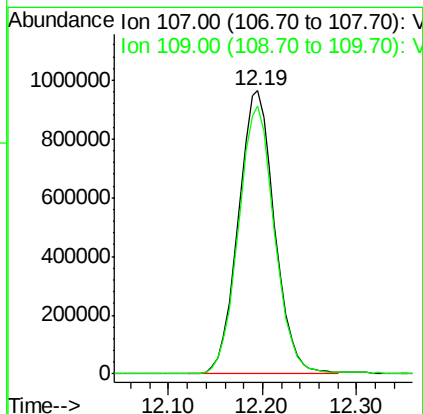
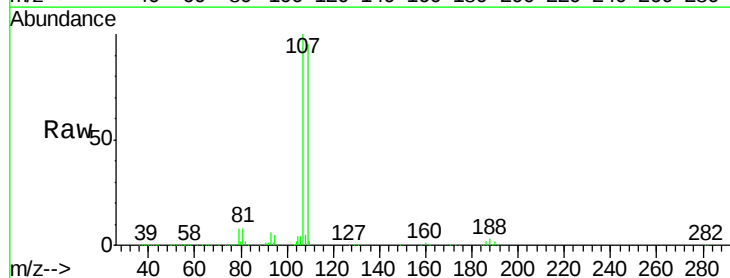
Acq: 9 Feb 2016 22:05

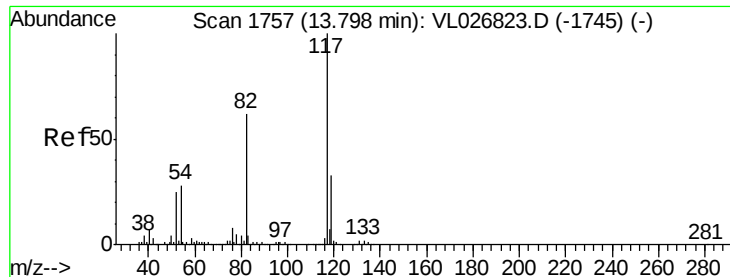
Tgt Ion: 107 Resp: 2590201

Ion Ratio Lower Upper

107 100

109 94.9 75.0 112.4

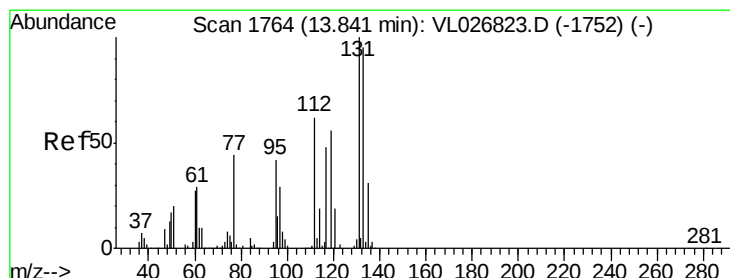
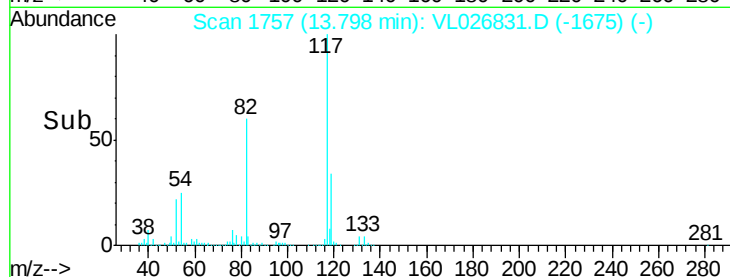
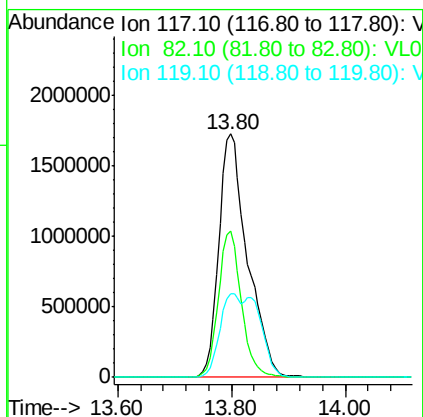
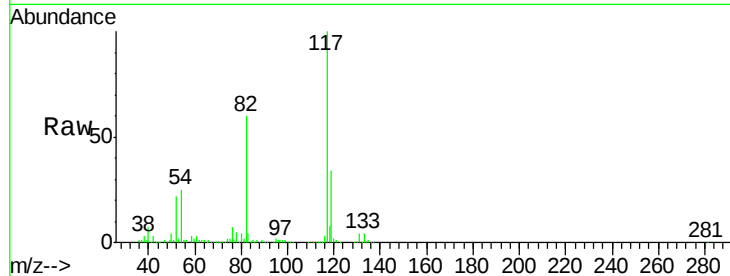




#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 13.80 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VL026831.D
Acq: 9 Feb 2016 22:05

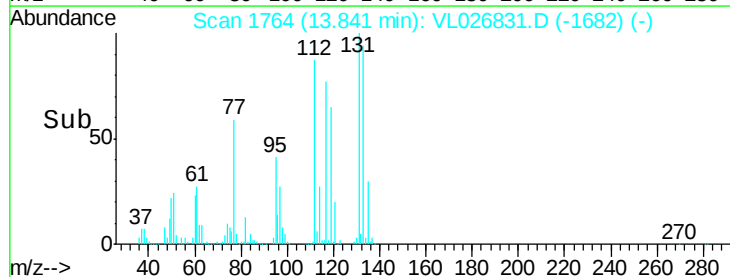
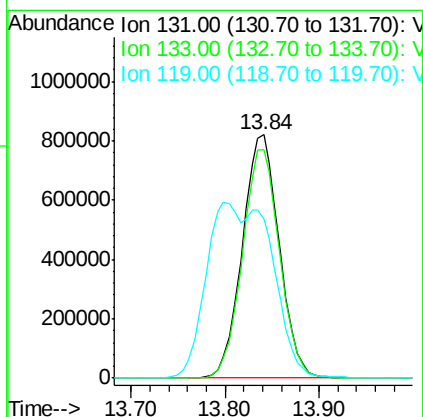
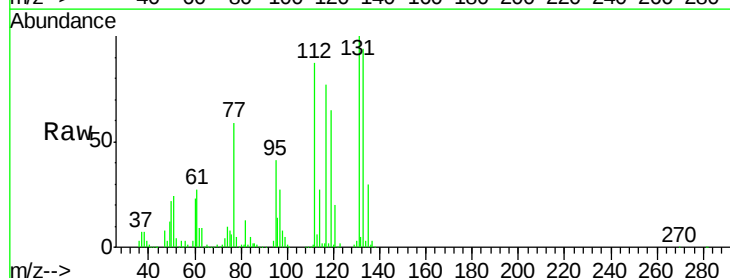
Instrument :
MSVOA_L
ClientSampleId :
ICVVL020916

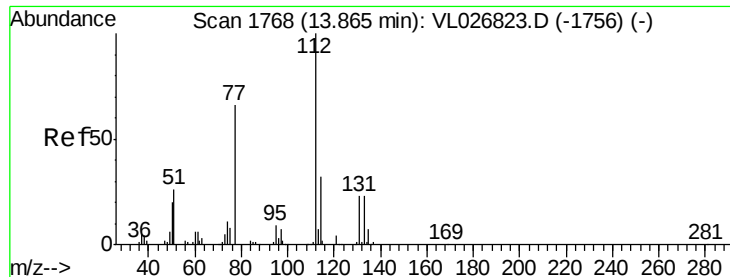
Tgt Ion:117 Resp: 6053241
Ion Ratio Lower Upper
117 100
82 48.5 51.9 77.9#
119 47.6 48.5 72.7#



#56
1,1,1,2-Tetrachloroethane
Concen: 8.43 ppbv
RT: 13.84 min Scan# 1764
Delta R.T. -0.00 min
Lab File: VL026831.D
Acq: 9 Feb 2016 22:05

Tgt Ion:131 Resp: 2249739
Ion Ratio Lower Upper
131 100
133 95.3 76.4 114.6
119 128.0 99.8 149.8





#57

Chlorobenzene

Concen: 8.35 ppbv

RT: 13.87 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VL026831.D

Acq: 9 Feb 2016 22:05

Instrument :

MSVOA_L

ClientSampleId :

ICVVL020916

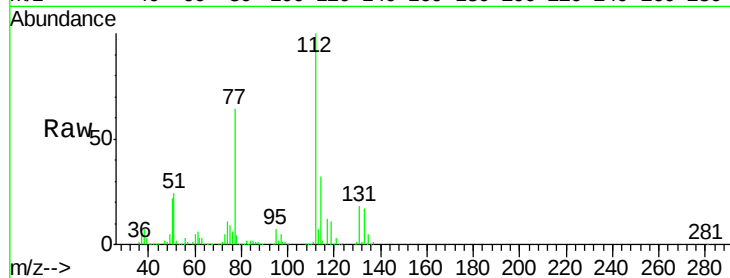
Tgt Ion:112 Resp: 4182884

Ion Ratio Lower Upper

112 100

77 64.0 53.3 79.9

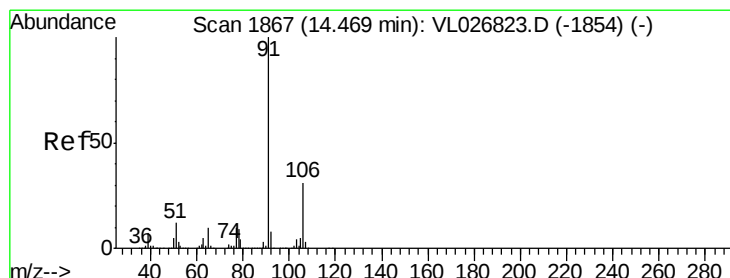
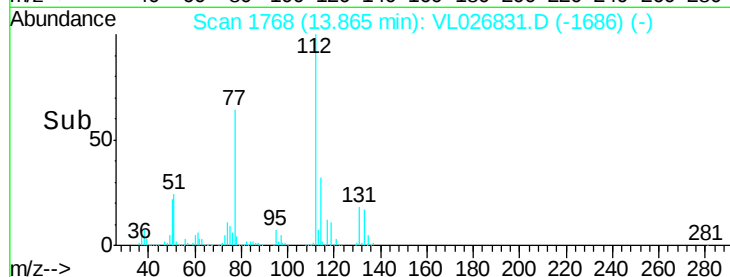
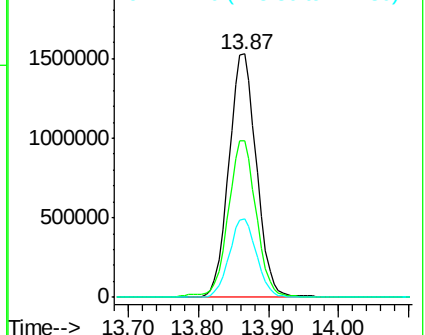
114 32.4 28.9 35.3



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: 9.04 ppbv

RT: 14.46 min Scan# 1866

Delta R.T. -0.01 min

Lab File: VL026831.D

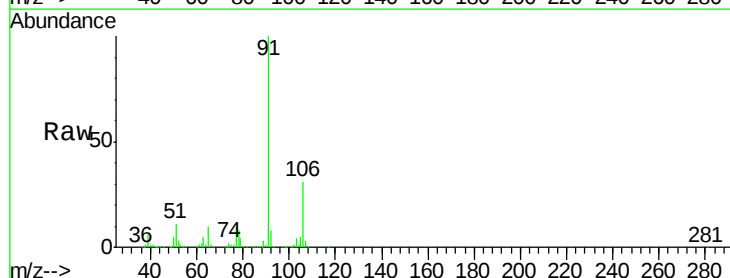
Acq: 9 Feb 2016 22:05

Tgt Ion: 91 Resp: 6593450

Ion Ratio Lower Upper

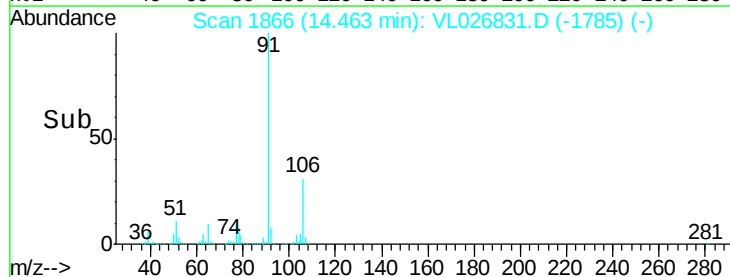
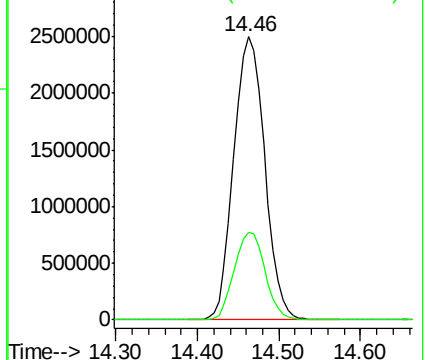
91 100

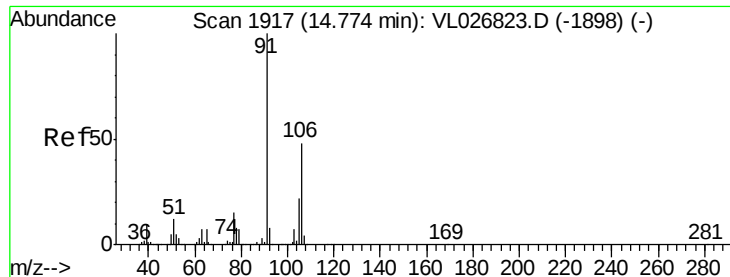
106 31.1 24.9 37.3



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V

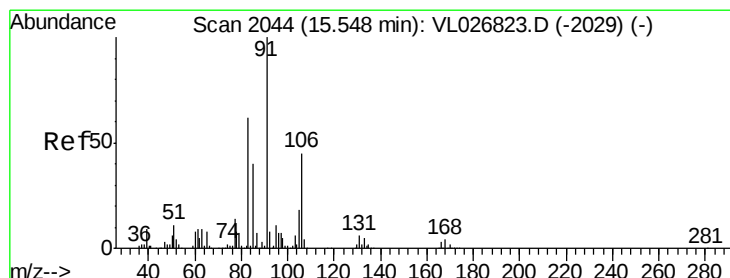
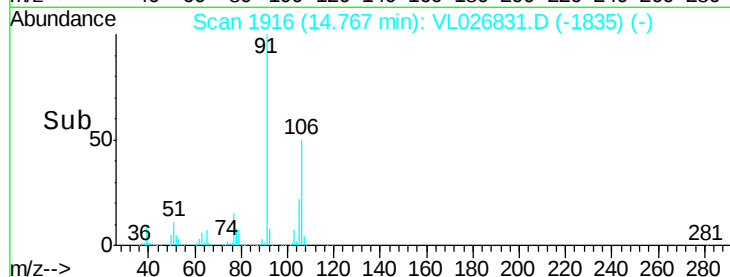
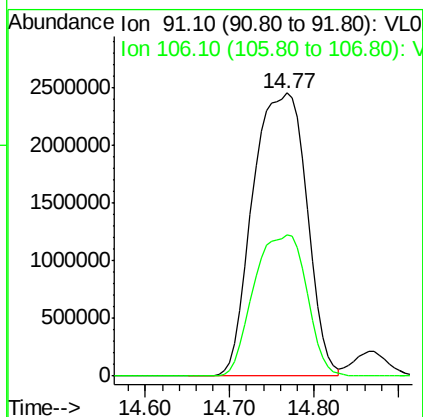
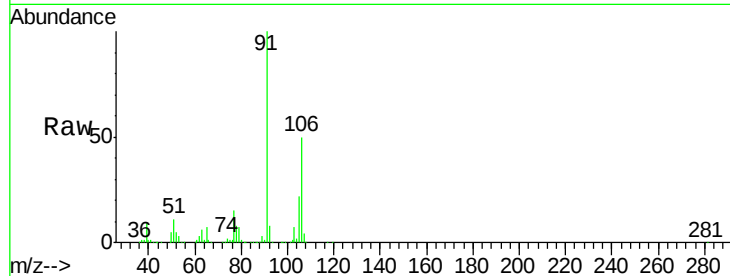




#59
m/p-Xylene
Concen: 17.33 ppbv
RT: 14.77 min Scan# 1916
Delta R.T. -0.01 min
Lab File: VL026831.D
Acq: 9 Feb 2016 22:05

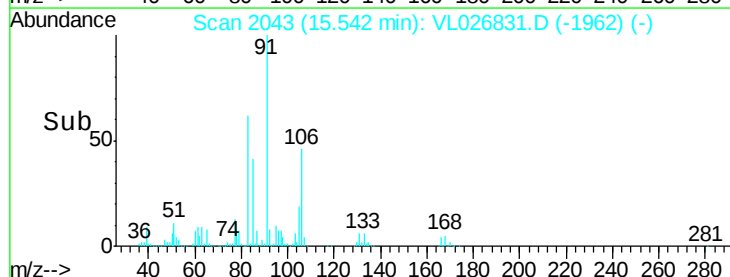
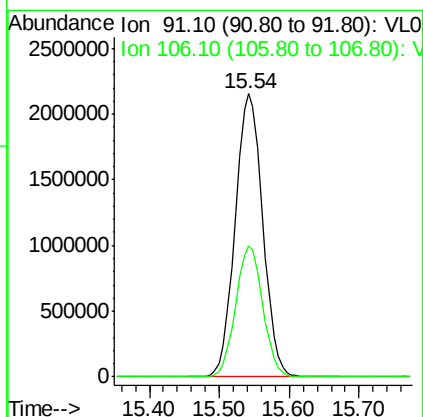
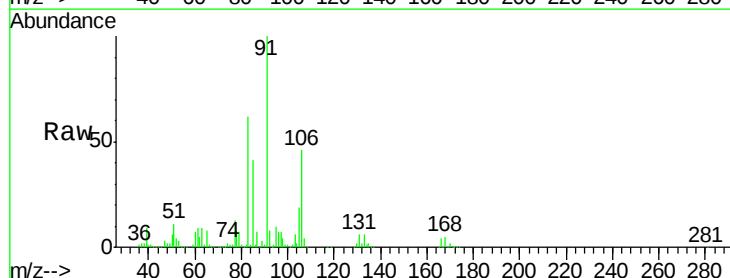
Instrument :
MSVOA_L
ClientSampleId :
ICVVL020916

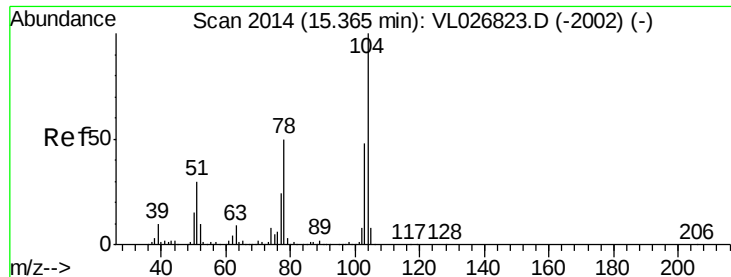
Tgt Ion: 91 Resp:10792860
Ion Ratio Lower Upper
91 100
106 49.3 38.2 57.2



#60
o-Xylene
Concen: 8.63 ppbv
RT: 15.54 min Scan# 2043
Delta R.T. -0.01 min
Lab File: VL026831.D
Acq: 9 Feb 2016 22:05

Tgt Ion: 91 Resp: 5881600
Ion Ratio Lower Upper
91 100
106 45.7 22.3 66.8

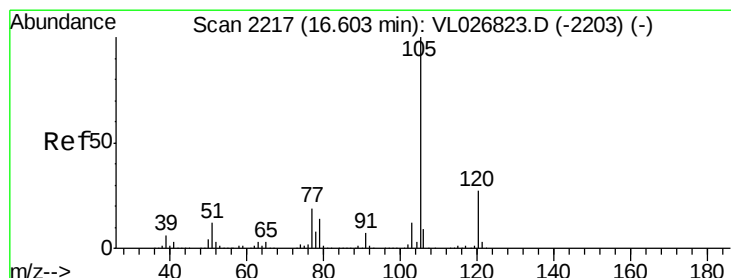
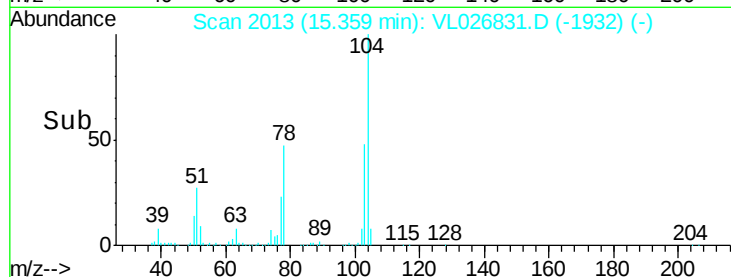
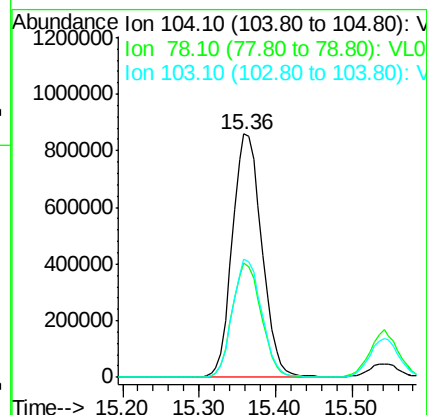
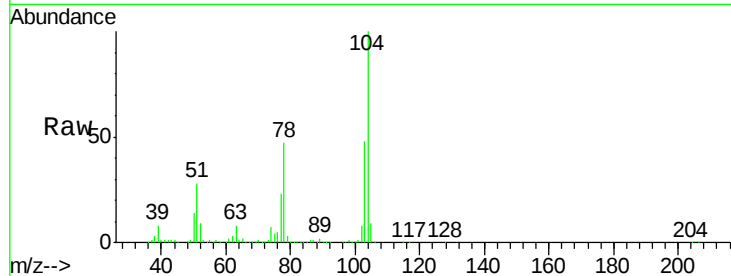




#61
Styrene
Concen: 9.97 ppbv
RT: 15.36 min Scan# 2013
Delta R.T. -0.01 min
Lab File: VL026831.D
Acq: 9 Feb 2016 22:05

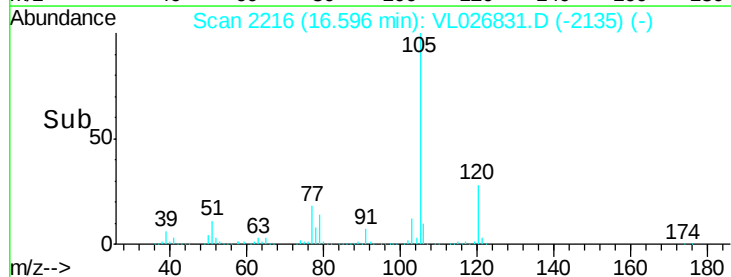
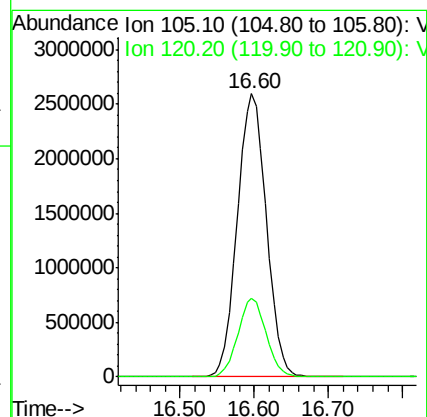
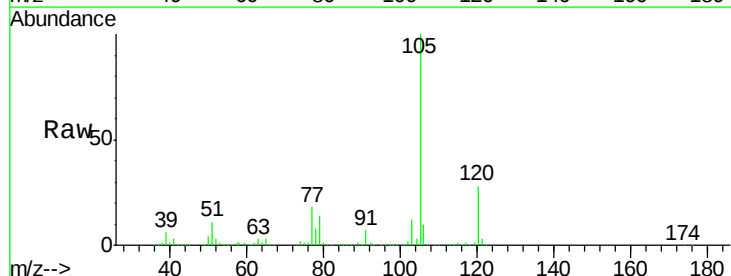
Instrument :
MSVOA_L
ClientSampleId :
ICVVL020916

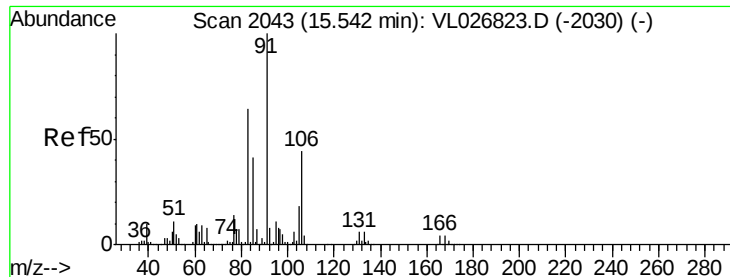
Tgt Ion:104 Resp: 2298949
Ion Ratio Lower Upper
104 100
78 46.5 39.8 59.6
103 47.8 38.2 57.4



#62
Isopropylbenzene
Concen: 8.70 ppbv
RT: 16.60 min Scan# 2216
Delta R.T. -0.01 min
Lab File: VL026831.D
Acq: 9 Feb 2016 22:05

Tgt Ion:105 Resp: 7116946
Ion Ratio Lower Upper
105 100
120 26.9 21.0 31.4





#63

1,1,2,2-Tetrachloroethane

Concen: 8.29 ppbv

RT: 15.54 min Scan# 2042

Delta R.T. -0.01 min

Lab File: VL026831.D

Acq: 9 Feb 2016 22:05

Instrument :

MSVOA_L

ClientSampleId :

ICVVL020916

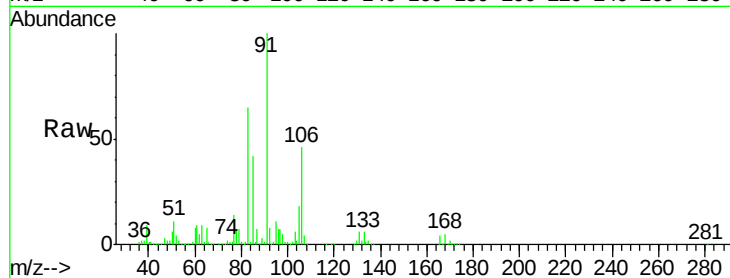
Tgt Ion: 83 Resp: 3855912

Ion Ratio Lower Upper

83 100

131 9.5 4.7 14.1

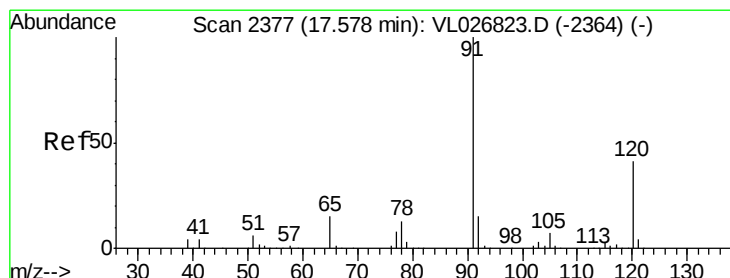
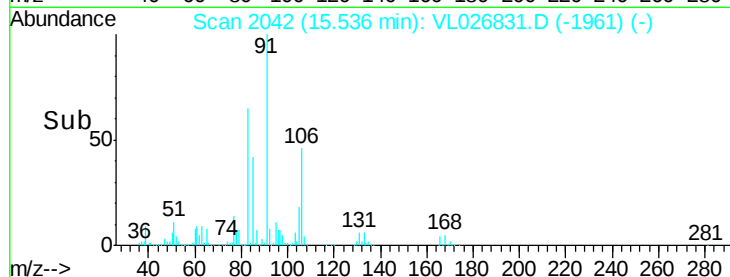
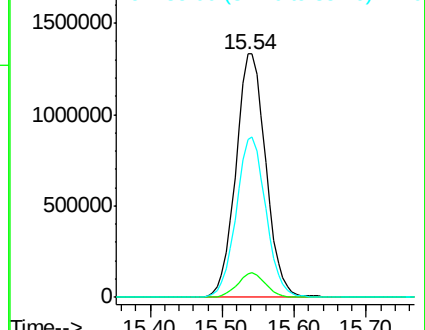
85 65.3 32.3 96.9



Abundance Ion 83.00 (82.70 to 83.70): VL0

Ion 131.00 (130.70 to 131.70): VL0

Ion 85.00 (84.70 to 85.70): VL0



#64

n-propylbenzene

Concen: 8.88 ppbv

RT: 17.57 min Scan# 2376

Delta R.T. -0.01 min

Lab File: VL026831.D

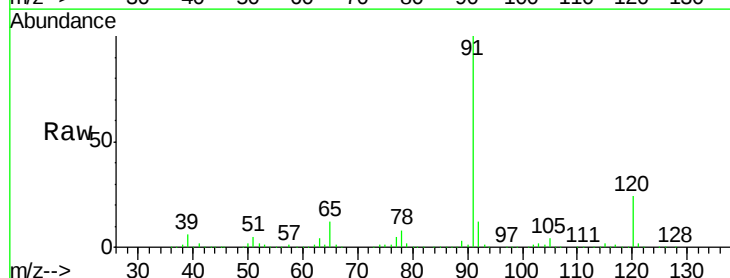
Acq: 9 Feb 2016 22:05

Tgt Ion: 120 Resp: 1867436

Ion Ratio Lower Upper

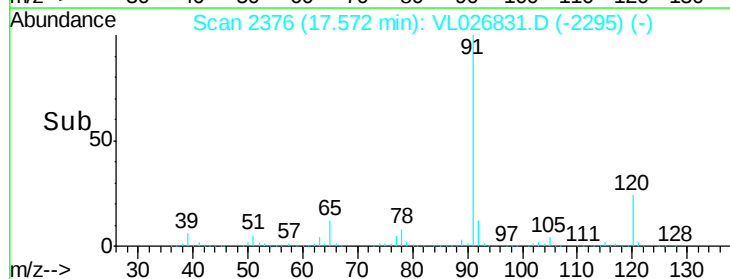
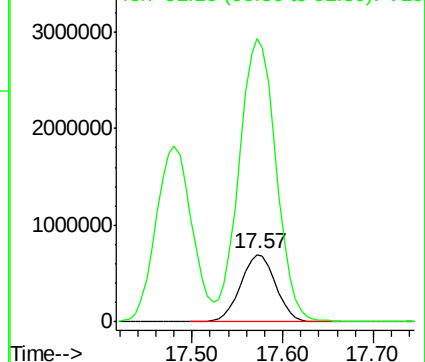
120 100

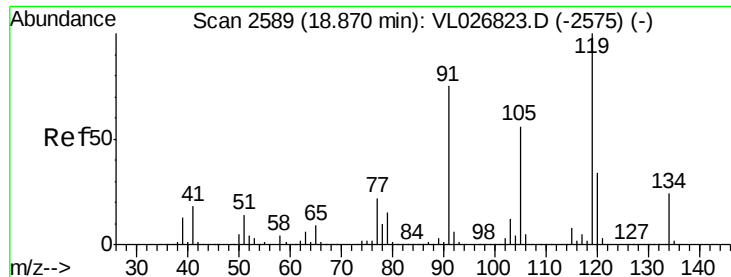
91 448.1 363.0 544.6



Abundance Ion 120.20 (119.90 to 120.90): VL0

Ion 91.10 (90.80 to 91.80): VL0

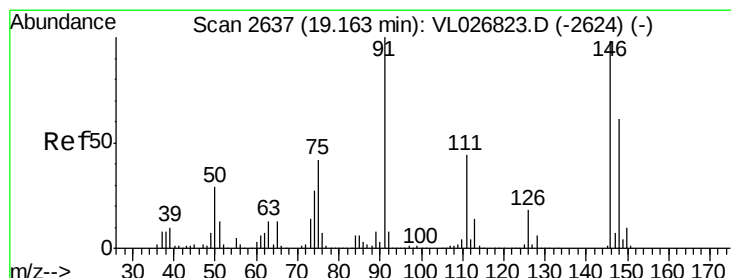
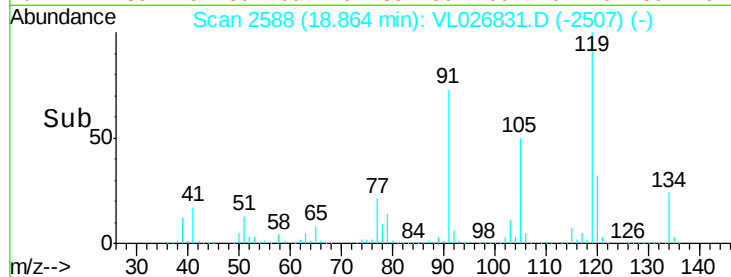
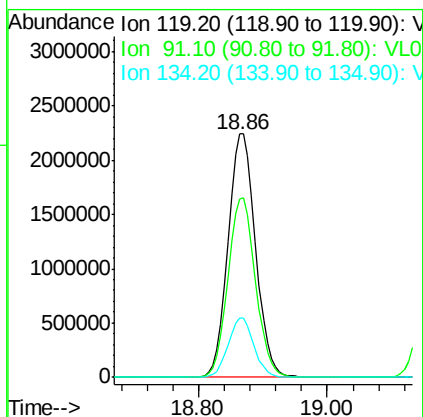
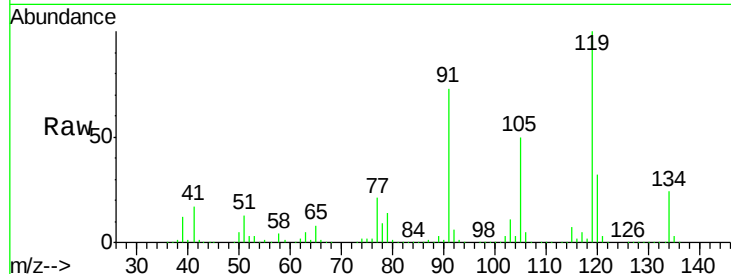




#65
 tert-Butylbenzene
 Concen: 8.89 ppbv
 RT: 18.86 min Scan# 2588
 Delta R.T. -0.01 min
 Lab File: VL026831.D
 Acq: 9 Feb 2016 22:05

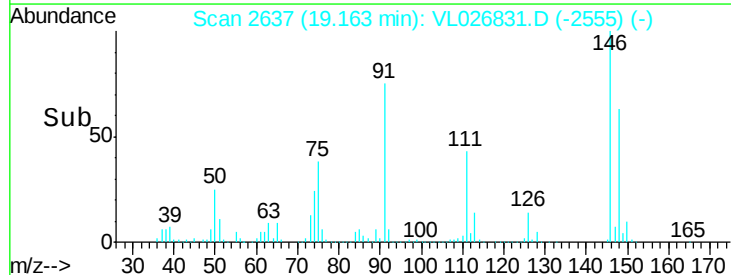
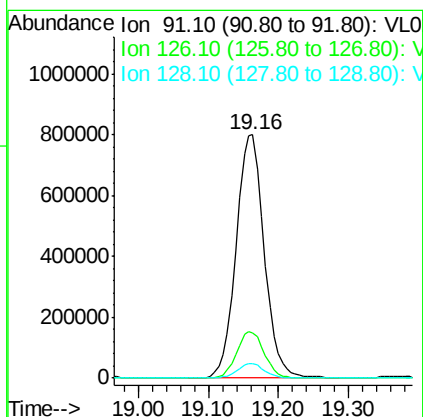
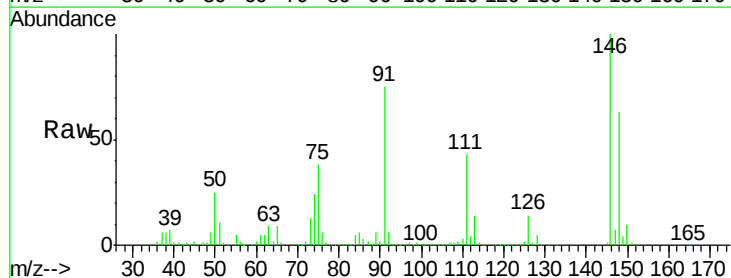
Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL020916

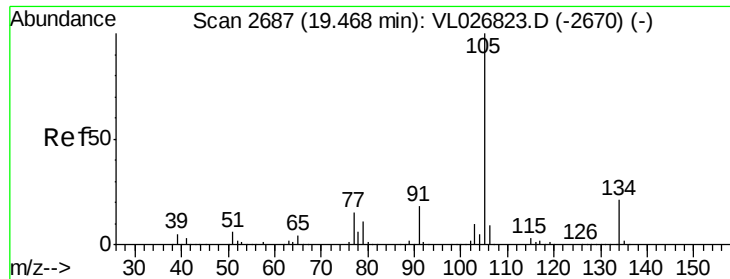
Tgt Ion: 119 Resp: 6696188
 Ion Ratio Lower Upper
 119 100
 91 74.0 61.5 92.3
 134 22.9 17.9 26.9



#66
 Benzyl Chloride
 Concen: 9.09 ppbv
 RT: 19.16 min Scan# 2637
 Delta R.T. -0.00 min
 Lab File: VL026831.D
 Acq: 9 Feb 2016 22:05

Tgt Ion: 91 Resp: 2223692
 Ion Ratio Lower Upper
 91 100
 126 18.9 14.6 21.8
 128 5.9 4.6 6.8

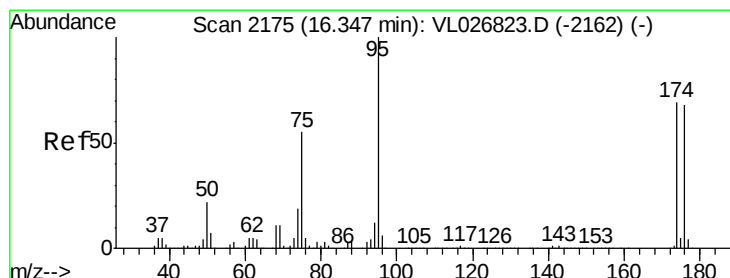
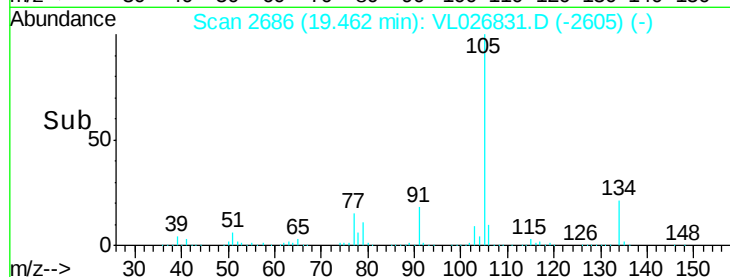
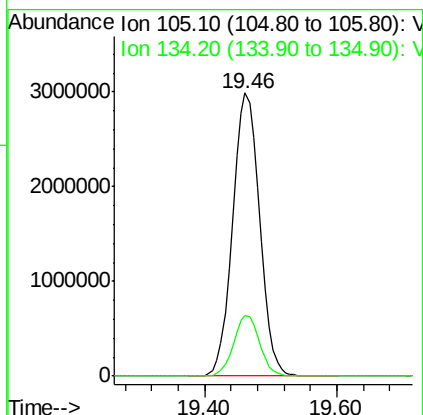
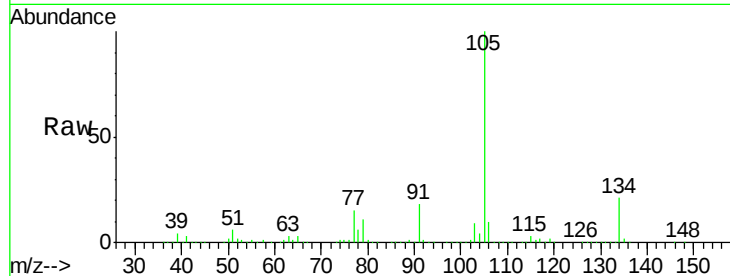




#67
 sec-Butylbenzene
 Concen: 8.62 ppbv
 RT: 19.46 min Scan# 2686
 Delta R.T. -0.01 min
 Lab File: VL026831.D
 Acq: 9 Feb 2016 22:05

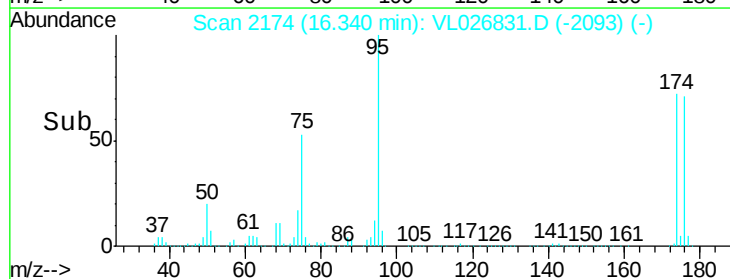
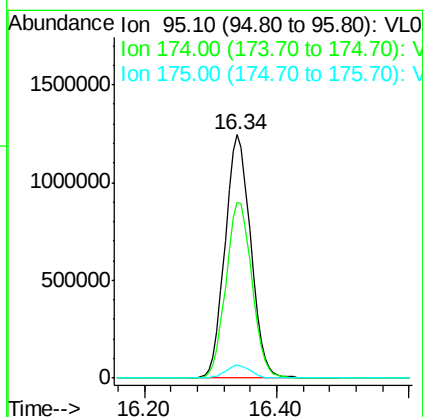
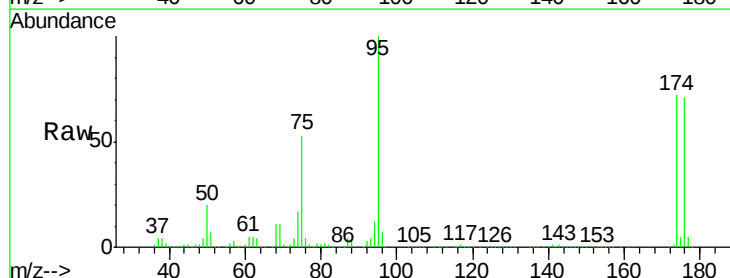
Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL020916

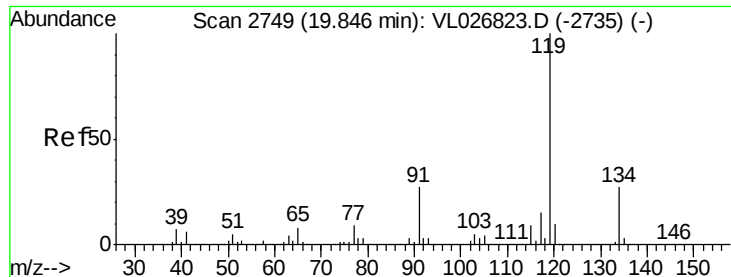
Tgt Ion: 105 Resp: 8455112
 Ion Ratio Lower Upper
 105 100
 134 20.7 16.1 24.1



#68
 1-Bromo-4-Fluorobenzene
 Concen: 7.72 ppbv
 RT: 16.34 min Scan# 2174
 Delta R.T. -0.01 min
 Lab File: VL026831.D
 Acq: 9 Feb 2016 22:05

Tgt Ion: 95 Resp: 3353802
 Ion Ratio Lower Upper
 95 100
 174 73.4 55.6 83.4
 175 5.2 3.9 5.9

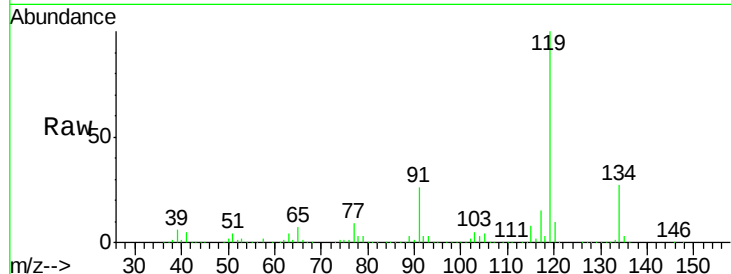




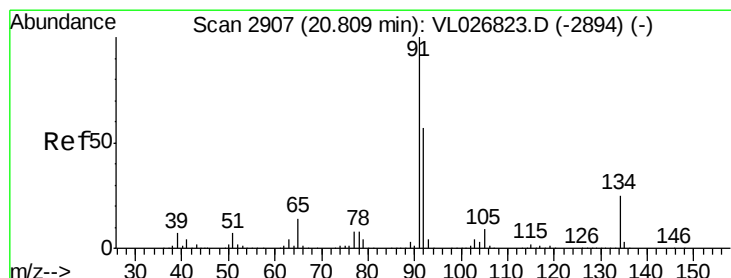
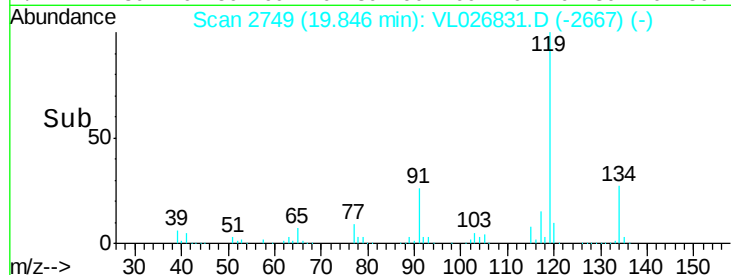
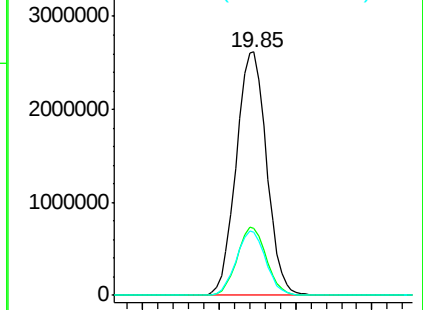
#69
 p-Isopropyltoluene
 Concen: 9.07 ppbv
 RT: 19.85 min Scan# 2749
 Delta R.T. -0.00 min
 Lab File: VL026831.D
 Acq: 9 Feb 2016 22:05

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL020916

Tgt Ion: 119 Resp: 7206617
 Ion Ratio Lower Upper
 119 100
 134 27.0 21.3 31.9
 91 25.8 21.5 32.3

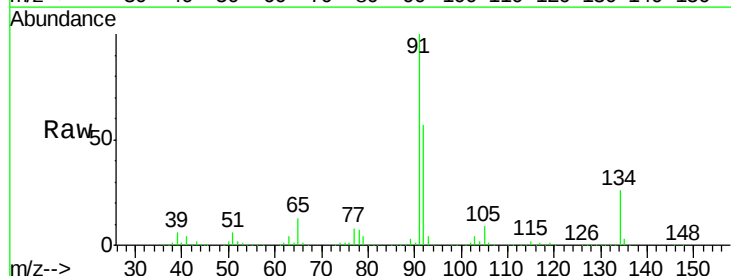


Abundance Ion 119.10 (118.80 to 119.80): V
 Ion 134.20 (133.90 to 134.90): V
 Ion 91.10 (90.80 to 91.80): V

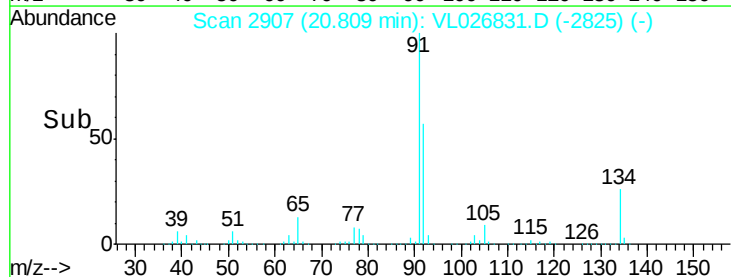
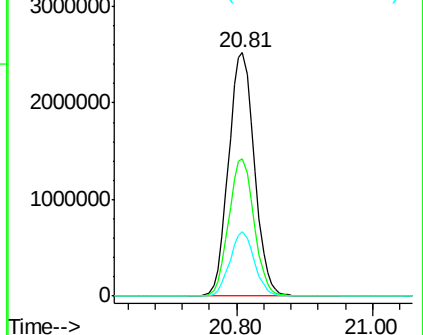


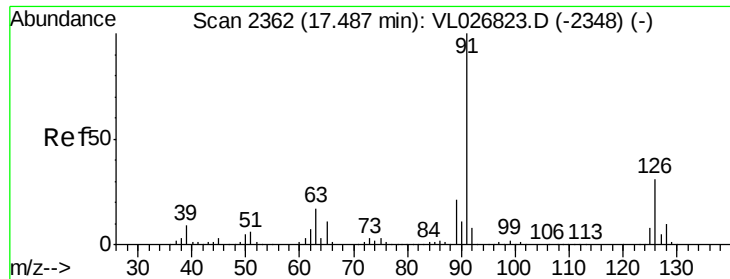
#70
 n-Butylbenzene
 Concen: 8.75 ppbv
 RT: 20.81 min Scan# 2907
 Delta R.T. -0.00 min
 Lab File: VL026831.D
 Acq: 9 Feb 2016 22:05

Tgt Ion: 91 Resp: 6630256
 Ion Ratio Lower Upper
 91 100
 92 55.4 44.2 66.4
 134 25.1 19.3 28.9



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: 8.98 ppbv

RT: 17.48 min Scan# 2361

Delta R.T. -0.01 min

Lab File: VL026831.D

Acq: 9 Feb 2016 22:05

Instrument :

MSVOA_L

ClientSampleId :

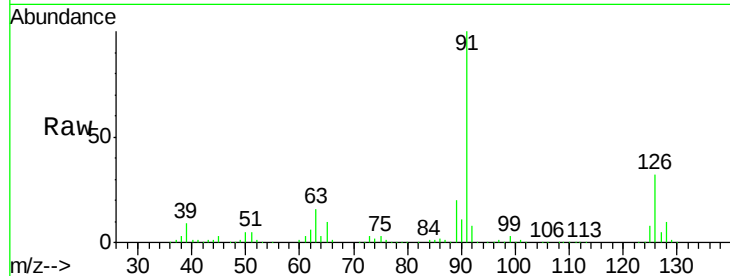
ICVVL020916

Tgt Ion: 91 Resp: 5010417

Ion Ratio Lower Upper

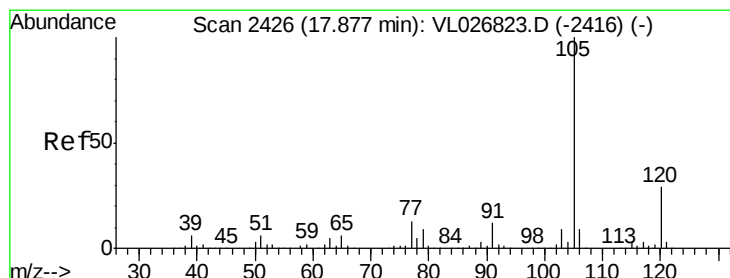
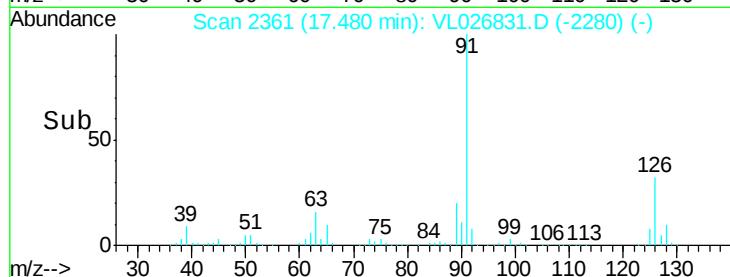
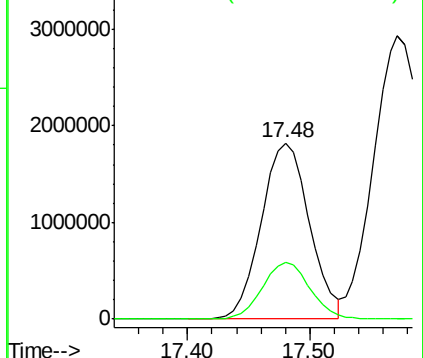
91 100

126 32.0 12.2 48.8



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 126.10 (125.80 to 126.80): V



#72

4-Ethyltoluene

Concen: 9.11 ppbv

RT: 17.87 min Scan# 2425

Delta R.T. -0.01 min

Lab File: VL026831.D

Acq: 9 Feb 2016 22:05

Tgt Ion: 105 Resp: 5717189

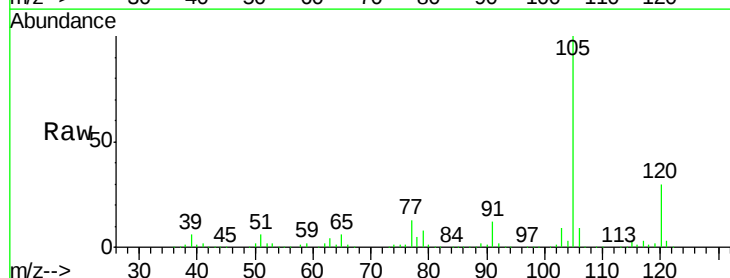
Ion Ratio Lower Upper

105 100

120 30.4 23.8 35.6

91 12.4 10.2 15.4

77 12.9 10.8 16.2

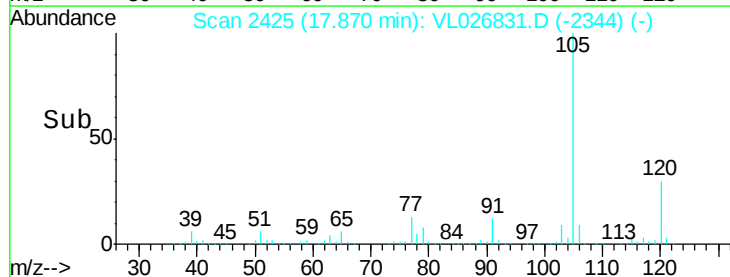
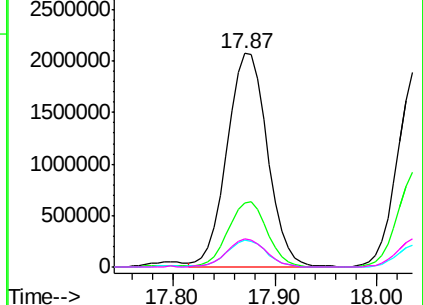


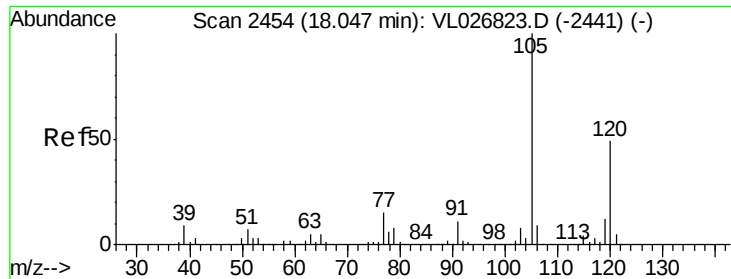
Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0

Ion 77.10 (76.80 to 77.80): VL0

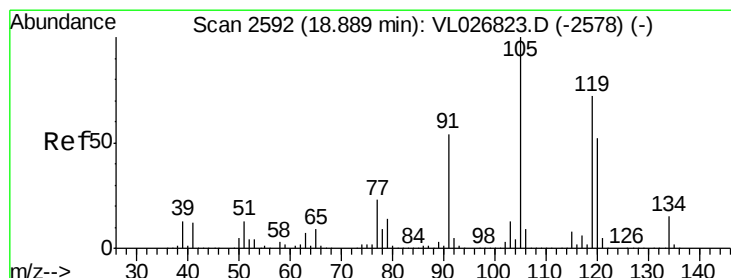
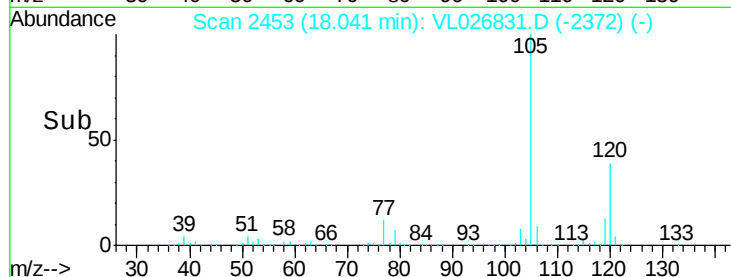
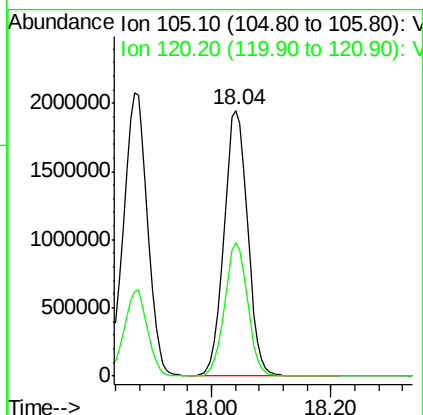
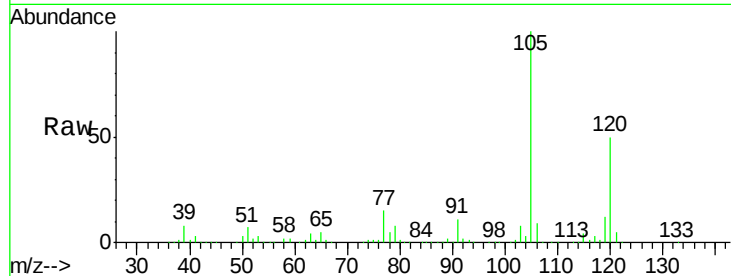




#73
 1,3,5-Trimethylbenzene
 Concen: 8.79 ppbv
 RT: 18.04 min Scan# 2453
 Delta R.T. -0.01 min
 Lab File: VL026831.D
 Acq: 9 Feb 2016 22:05

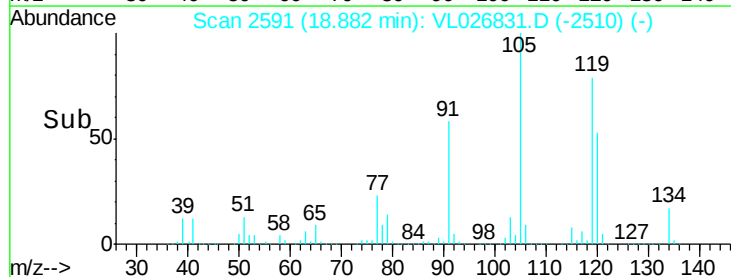
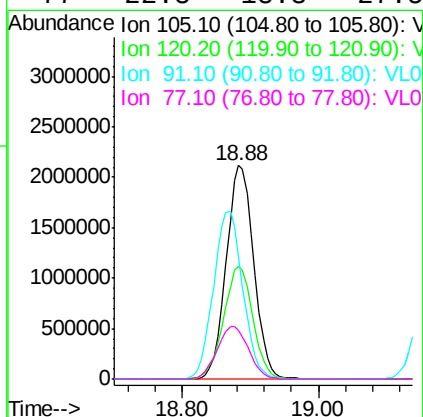
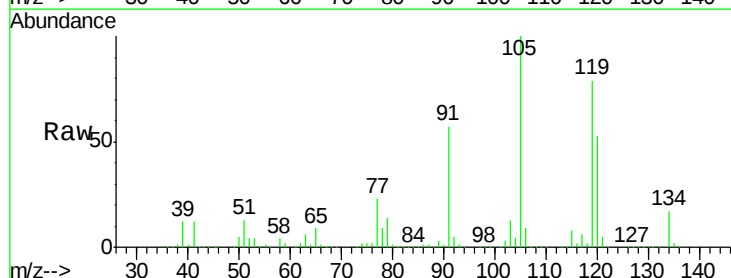
Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL020916

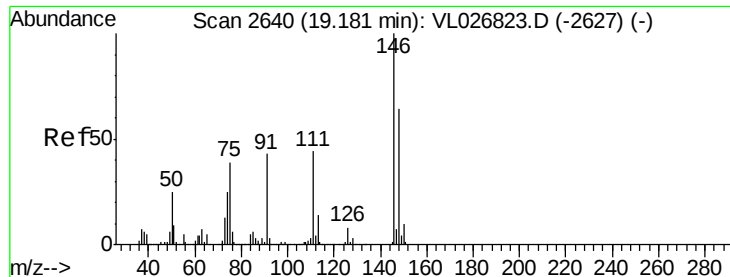
Tgt Ion:105 Resp: 5371421
 Ion Ratio Lower Upper
 105 100
 120 50.4 39.4 59.0



#74
 1,2,4-Trimethylbenzene
 Concen: 8.53 ppbv
 RT: 18.88 min Scan# 2591
 Delta R.T. -0.01 min
 Lab File: VL026831.D
 Acq: 9 Feb 2016 22:05

Tgt Ion:105 Resp: 5924856
 Ion Ratio Lower Upper
 105 100
 120 53.0 41.3 61.9
 91 57.4 43.3 64.9
 77 22.8 18.3 27.5

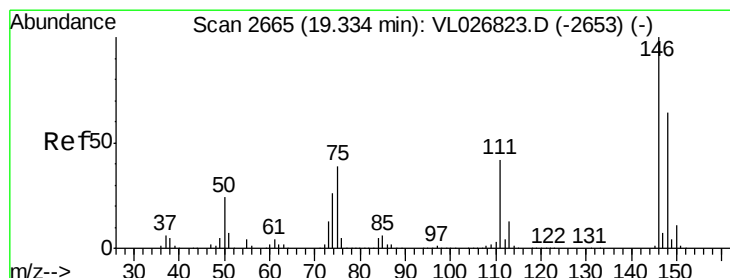
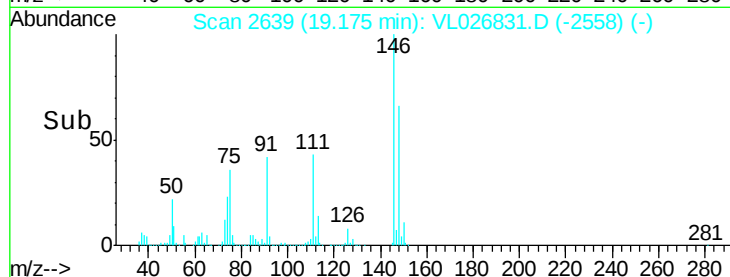
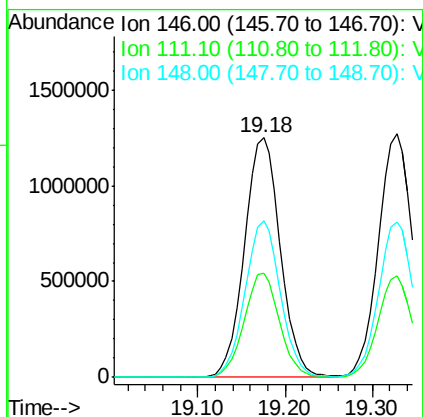
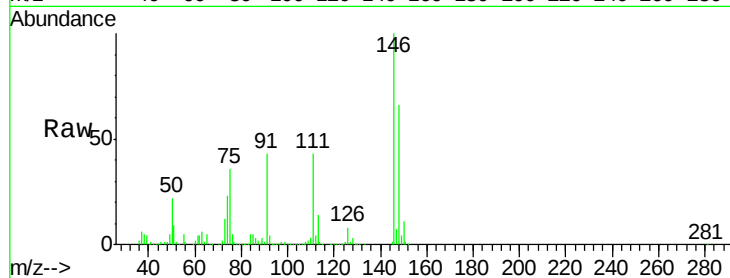




#75
 1,3-Dichlorobenzene
 Concen: 8.47 ppbv
 RT: 19.18 min Scan# 2639
 Delta R.T. -0.01 min
 Lab File: VL026831.D
 Acq: 9 Feb 2016 22:05

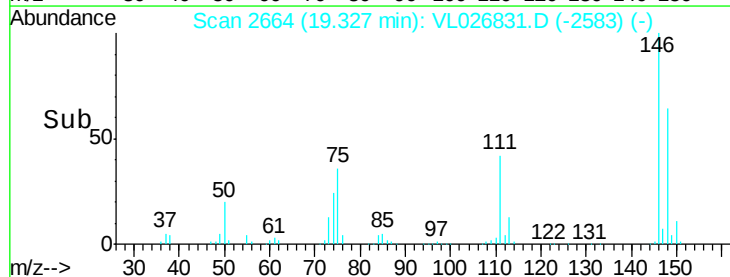
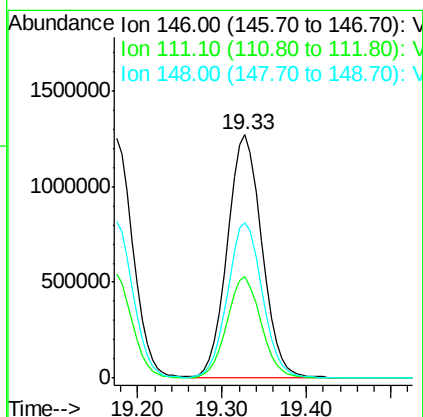
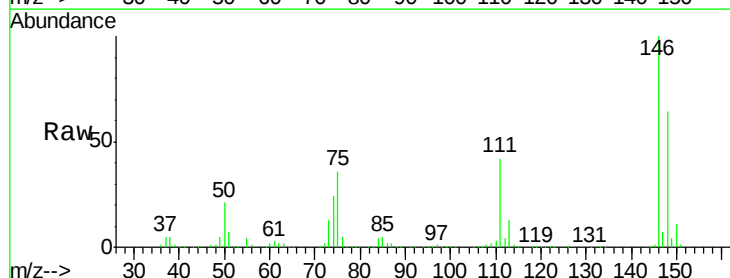
Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL020916

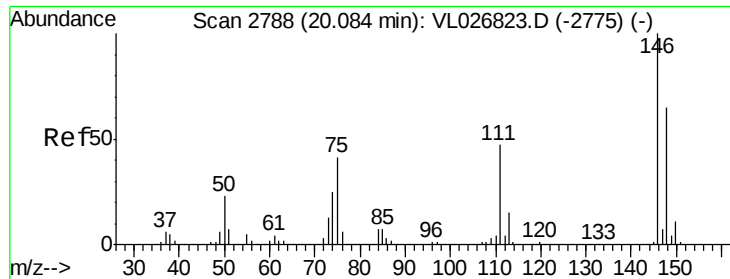
Tgt Ion:146 Resp: 3566312
 Ion Ratio Lower Upper
 146 100
 111 42.6 22.1 66.3
 148 64.1 32.2 96.6



#76
 1,4-Dichlorobenzene
 Concen: 8.58 ppbv
 RT: 19.33 min Scan# 2664
 Delta R.T. -0.01 min
 Lab File: VL026831.D
 Acq: 9 Feb 2016 22:05

Tgt Ion:146 Resp: 3532841
 Ion Ratio Lower Upper
 146 100
 111 41.6 21.6 64.8
 148 64.7 32.2 96.6

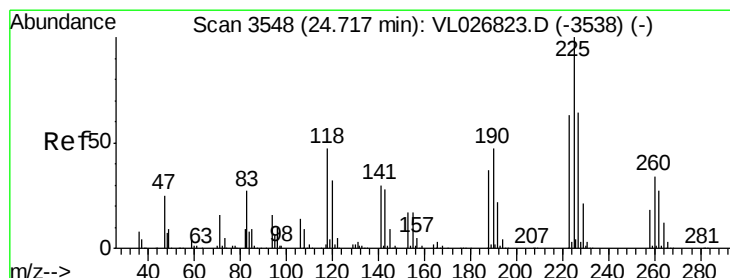
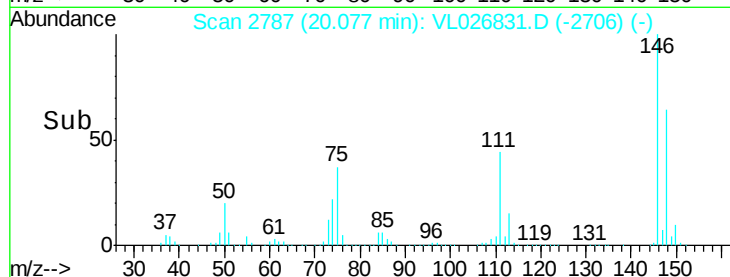
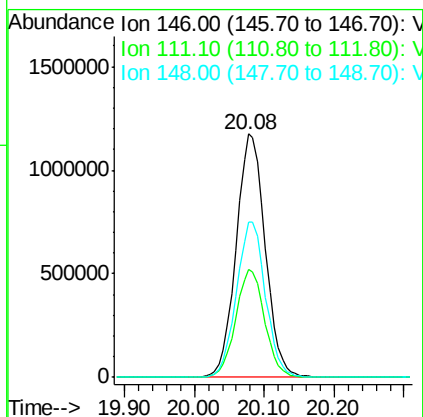
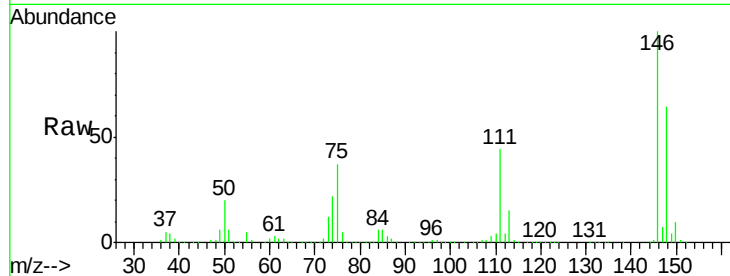




#77
 1,2-Dichlorobenzene
 Concen: 8.46 ppbv
 RT: 20.08 min Scan# 2787
 Delta R.T. -0.01 min
 Lab File: VL026831.D
 Acq: 9 Feb 2016 22:05

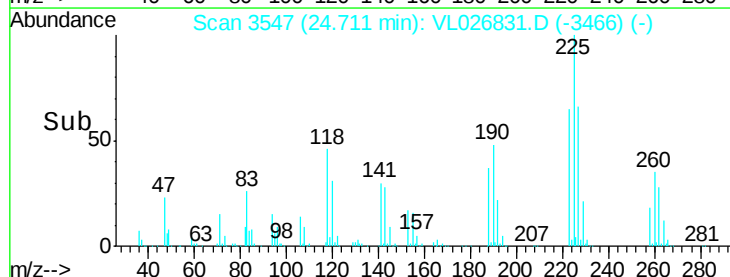
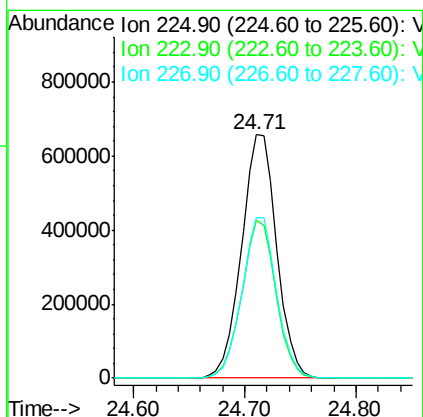
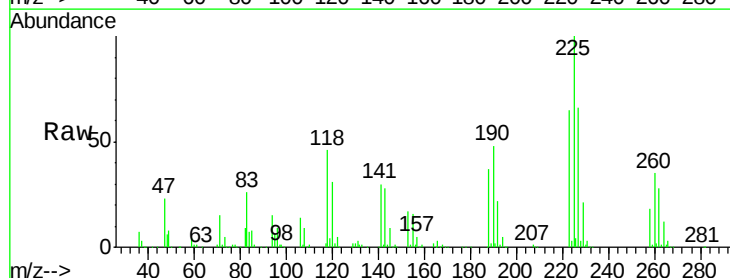
Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL020916

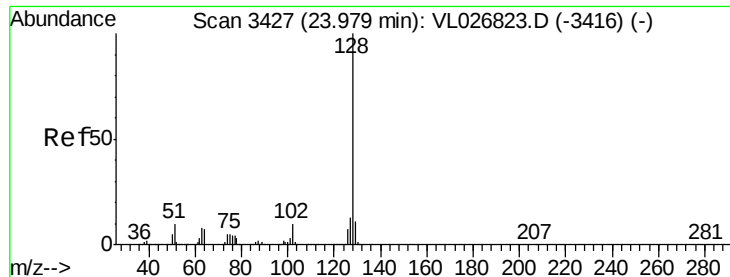
Tgt Ion:146 Resp: 3387906
 Ion Ratio Lower Upper
 146 100
 111 44.3 23.1 69.3
 148 64.1 32.1 96.5



#78
 Hexachloro-1,3-Butadiene
 Concen: 7.57 ppbv
 RT: 24.71 min Scan# 3547
 Delta R.T. -0.01 min
 Lab File: VL026831.D
 Acq: 9 Feb 2016 22:05

Tgt Ion:225 Resp: 1439052
 Ion Ratio Lower Upper
 225 100
 223 63.1 50.2 75.2
 227 65.0 52.1 78.1

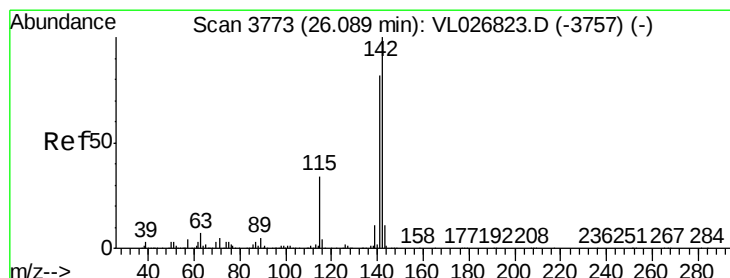
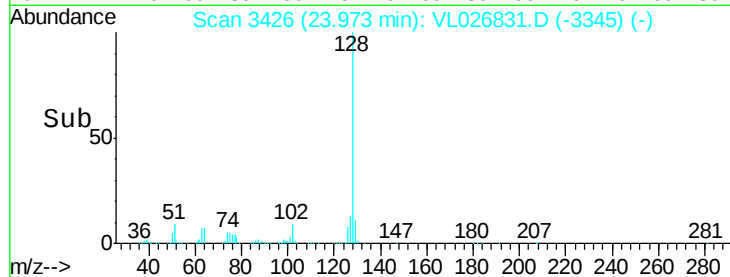
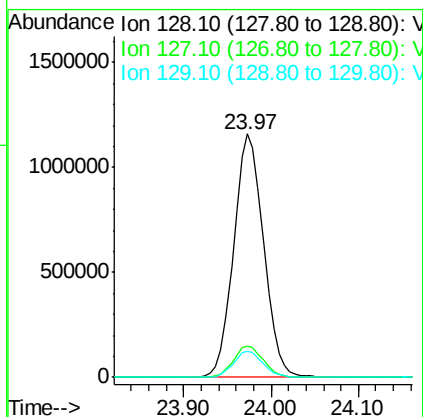
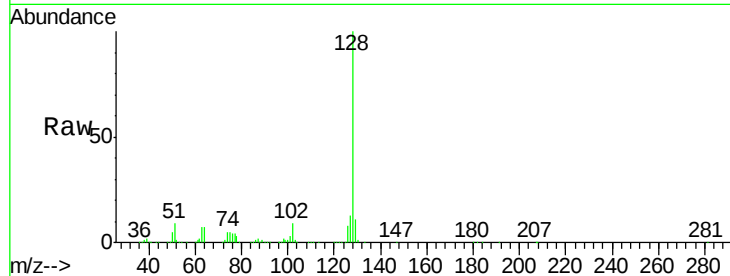




#79
Naphthalene
Concen: 8.23 ppbv
RT: 23.97 min Scan# 3426
Delta R.T. -0.01 min
Lab File: VL026831.D
Acq: 9 Feb 2016 22:05

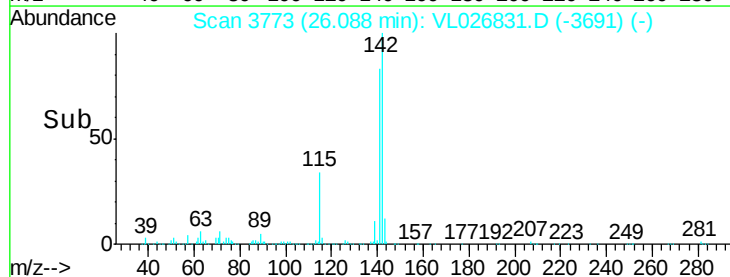
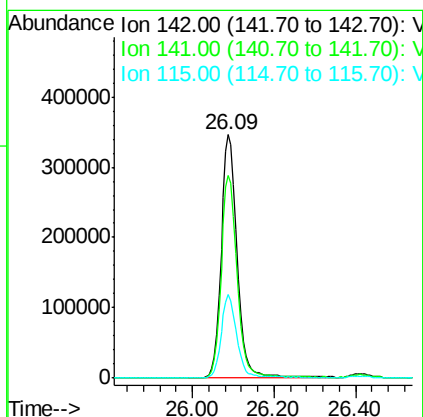
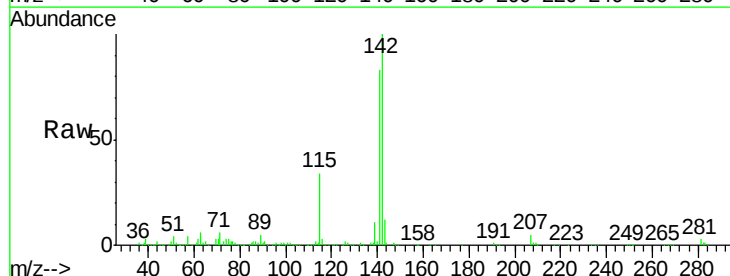
Instrument :
MSVOA_L
ClientSampleId :
ICVVL020916

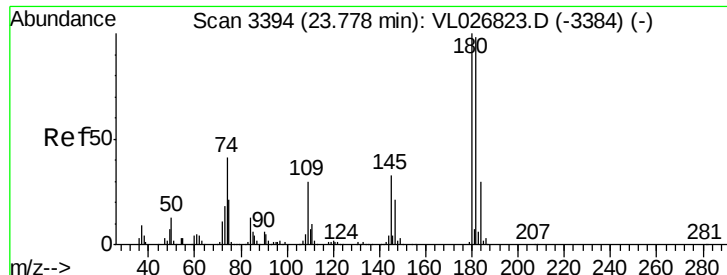
Tgt Ion:128 Resp: 2749231
Ion Ratio Lower Upper
128 100
127 12.9 10.0 15.0
129 10.9 8.7 13.1



#80
Naphthalene, 2-methyl-
Concen: 7.05 ppbv
RT: 26.09 min Scan# 3773
Delta R.T. -0.00 min
Lab File: VL026831.D
Acq: 9 Feb 2016 22:05

Tgt Ion:142 Resp: 955898
Ion Ratio Lower Upper
142 100
141 84.3 67.2 100.8
115 33.9 27.5 41.3





#81
 1,2,4-Trichlorobenzene
 Concen: 8.07 ppbv
 RT: 23.78 min Scan# 3394
 Delta R.T. -0.00 min
 Lab File: VL026831.D
 Acq: 9 Feb 2016 22:05

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL020916

Tgt Ion:180 Resp: 1456452
 Ion Ratio Lower Upper
 180 100
 182 95.5 77.3 115.9
 184 30.1 24.5 36.7

