

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY102519\
 Data File : VY000433.D
 Acq On : 25 Oct 2019 16:52
 Operator : SY/MD
 Sample : K5539-14
 Misc : 8.07G/5ML/MSVOA Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 164-10-(1)

Quant Time: Oct 26 01:46:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 17 02:03:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	897	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	1251	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	640	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	42	50.00	ug/l	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.16	65	96	10.15	ug/l	0.00
Spiked Amount			Recovery	=	20.30%	
35) Dibromofluoromethane	0.00	113	0	0.00	ug/l	
Spiked Amount			Recovery	=	0.00%	
50) Toluene-d8	10.19	98	1240	42.72	ug/l	0.00
Spiked Amount			Recovery	=	85.44%	
62) 4-Bromofluorobenzene	12.49	95	20	1.81	ug/l	0.00
Spiked Amount			Recovery	=	3.62%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.13	50	88	8.028	ug/l #	43
6) Chloroethane	2.85	64	20	2.802	ug/l #	43
7) Trichlorofluoromethane	3.19	101	25	1.652	ug/l #	17
11) Tert butyl alcohol	4.79	59	71	71.703	ug/l #	73
13) Acrolein	3.76	56	20	17.228	ug/l #	15
14) Allyl chloride	4.48	41	27	1.798	ug/l #	24
15) Acrylonitrile	4.94	53	50	16.711	ug/l #	19
16) Acetone	4.01	43	81	26.434	ug/l #	42
18) Methyl Acetate	4.44	43	74	9.720	ug/l #	50
21) trans-1,2-Dichloroethene	5.10	96	33	3.175	ug/l #	1
22) Diisopropyl ether	6.27	45	59	1.858	ug/l #	34
23) Vinyl Acetate	6.00	43	55	2.655	ug/l #	71
25) 2-Butanone	7.16	43	23	5.328	ug/l #	48
27) cis-1,2-Dichloroethene	6.88	96	44	3.912	ug/l #	1
29) Tetrahydrofuran	7.61	42	20	7.645	ug/l #	34
30) Chloroform	7.79	83	41	2.349	ug/l #	18
31) Cyclohexane	7.78	56	42	2.320	ug/l #	15
36) 1,1-Dichloropropene	7.79	75	64	5.225	ug/l #	40
37) Ethyl Acetate	7.16	43	23	3.171	ug/l #	67
39) Methylcyclohexane	9.21	83	34	2.121	ug/l #	17
40) Benzene	8.13	78	49	1.384	ug/l #	52
41) Methacrylonitrile	7.31	41	83	24.043	ug/l #	1
42) 1,2-Dichloroethane	8.04	62	66	6.528	ug/l #	72
43) Isopropyl Acetate	8.18	43	61	4.424	ug/l #	53
47) Bromodichloromethane	9.60	83	28	2.447	ug/l #	24
48) Methyl methacrylate	9.36	41	23	3.806	ug/l #	22
51) 4-Methyl-2-Pentanone	10.13	43	96	13.498	ug/l #	36
53) t-1,3-Dichloropropene	10.49	75	124	10.111	ug/l #	42
59) 2-Hexanone	10.88	43	71	14.222	ug/l #	24
74) N-amyl acetate	12.18	43	74	92.042	ug/l #	44
76) 1,2,3-Trichloropropane	12.74	75	24	46.471	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.85	105	21	7.647	ug/l #	27
81) trans-1,4-Dichloro-2-buten	12.48	75	97	410.939	ug/l #	14
83) tert-Butylbenzene	13.27	119	50	21.501	ug/l #	26

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QLast Update : Thu Oct 17 02:03:07 2019
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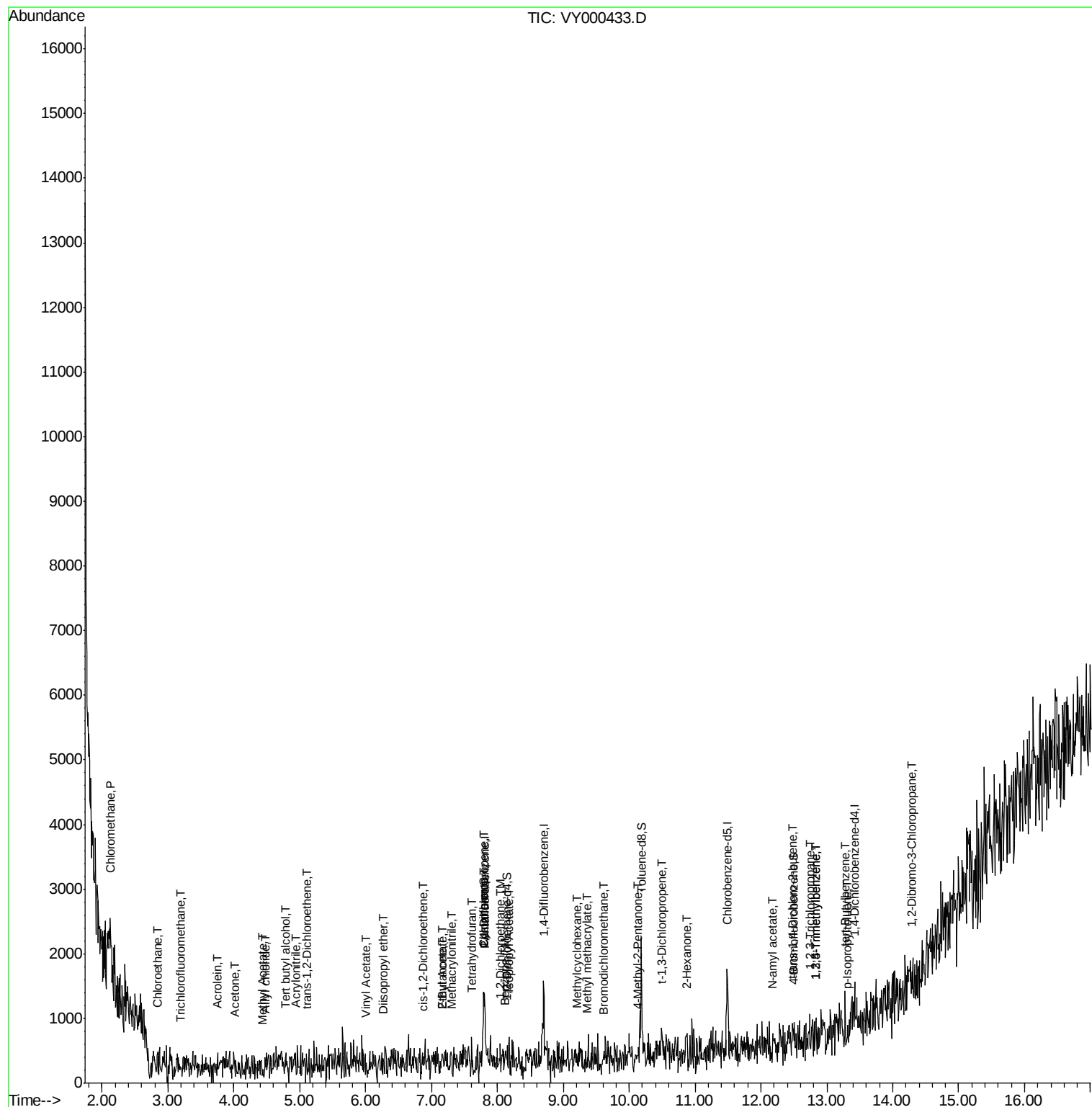
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
84) 1,2,4-Trimethylbenzene	12.85	105	21	7.748	ug/l #	30
86) p-Isopropyltoluene	13.30	119	19	6.478	ug/l #	49
92) 1,2-Dibromo-3-Chloropropan	14.28	75	33	282.979	ug/l #	1

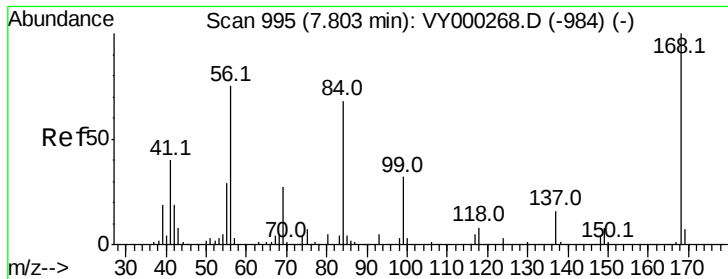
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.00 min

Lab File: VY000433.D

Acq: 25 Oct 2019 16:52

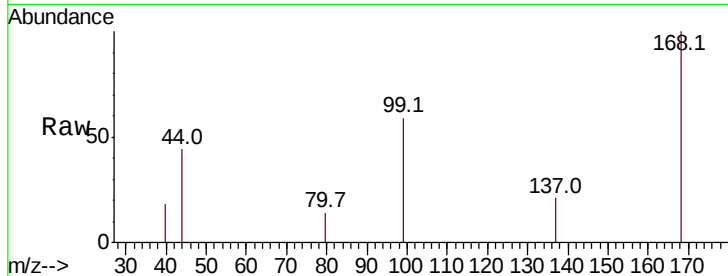
Instrument :
MSVOA_Y
ClientSampleId :
164-10-(1)

Tot Ion:168 Resp: 897

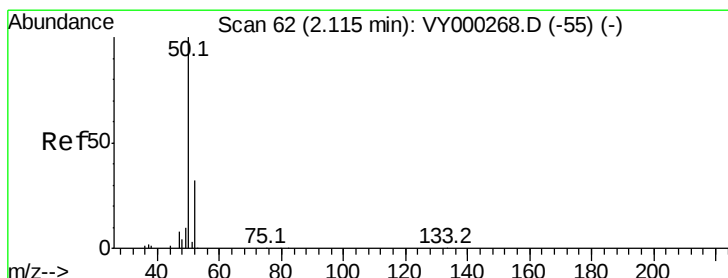
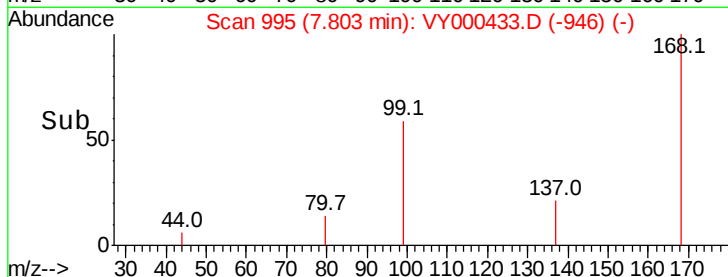
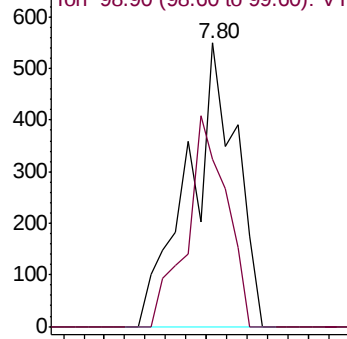
Ion Ratio Lower Upper

168 100

99 58.8 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): VY000268.D (-984) (-)



#3

Chloromethane

Concen: 8.028 ug/l

RT: 2.13 min Scan# 64

Delta R.T. 0.01 min

Lab File: VY000433.D

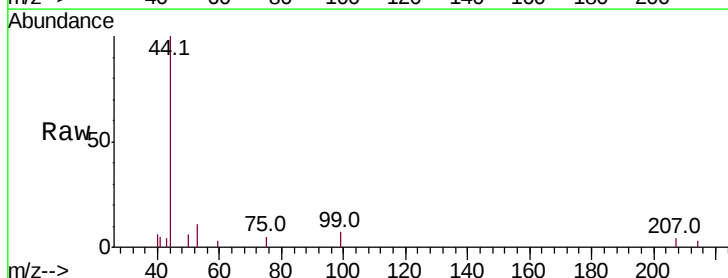
Acq: 25 Oct 2019 16:52

Tgt Ion: 50 Resp: 88

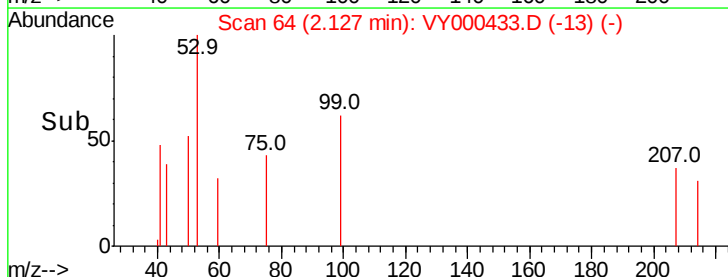
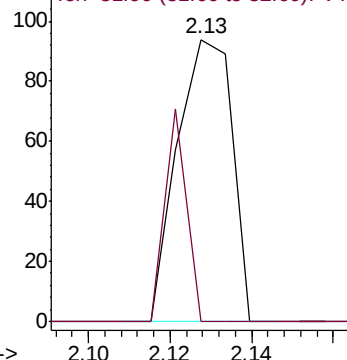
Ion Ratio Lower Upper

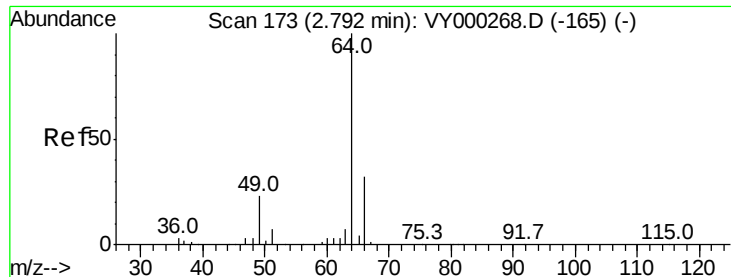
50 100

52 0.0 25.3 37.9#



Abundance Ion 49.90 (49.60 to 50.60): VY000268.D (-55) (-)





#6

Chloroethane

Concen: 2.802 ug/l

RT: 2.85 min Scan# 182

Delta R.T. 0.05 min

Lab File: VY000433.D

Acq: 25 Oct 2019 16:52

Instrument :

MSVOA_Y

ClientSampled :

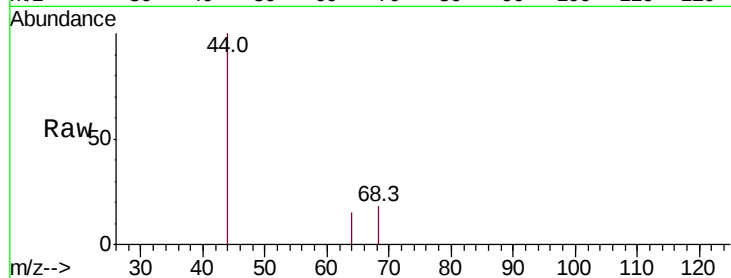
164-10-(1)

Tot Ion: 64 Resp: 20

Ion Ratio Lower Upper

64 100

66 0.0 25.6 38.4#



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0

2.85

60

50

40

30

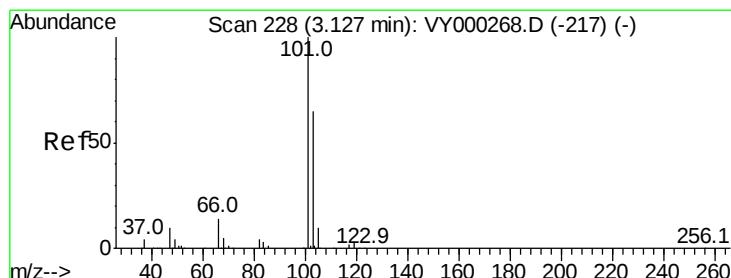
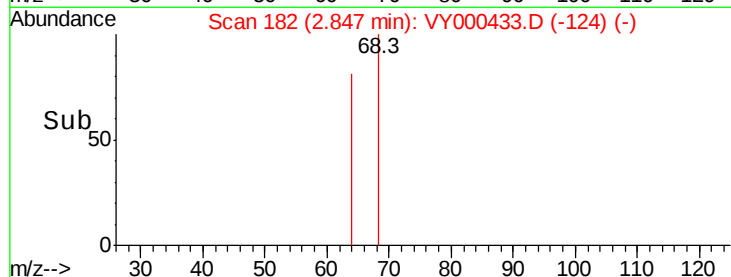
20

10

0

Time-->

2.83 2.84 2.85 2.86



#7

Trichlorofluoromethane

Concen: 1.652 ug/l

RT: 3.19 min Scan# 239

Delta R.T. 0.07 min

Lab File: VY000433.D

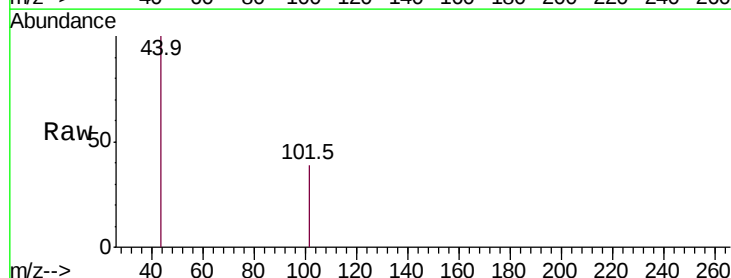
Acq: 25 Oct 2019 16:52

Tgt Ion: 101 Resp: 25

Ion Ratio Lower Upper

101 100

103 0.0 52.2 78.4#



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V

3.19

60

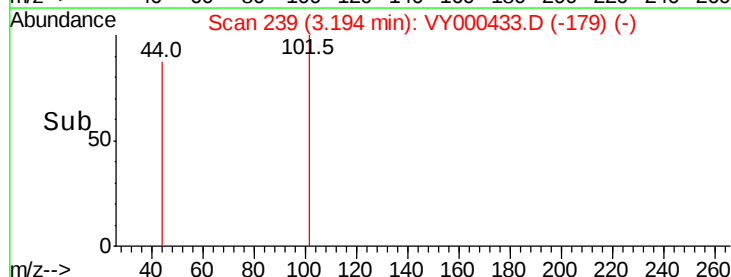
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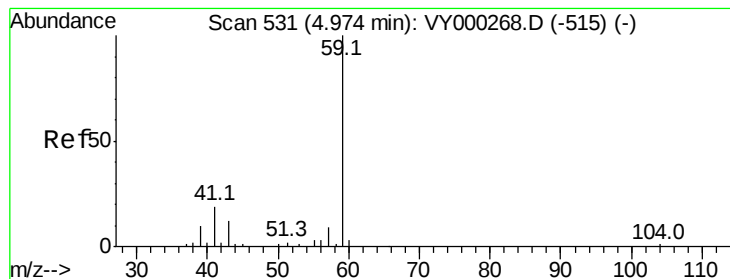
20

0

Time-->

3.17 3.18 3.19 3.20 3.21



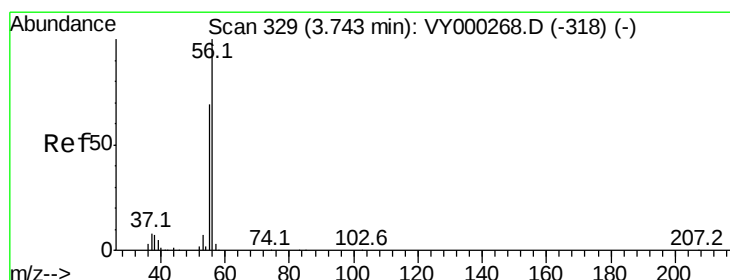
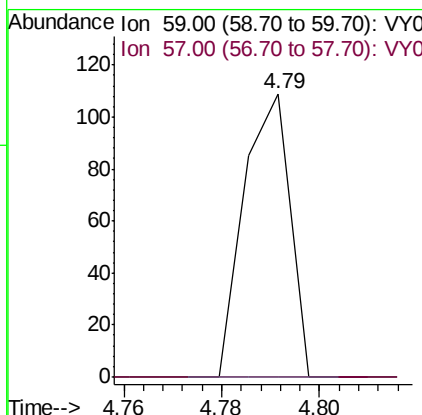
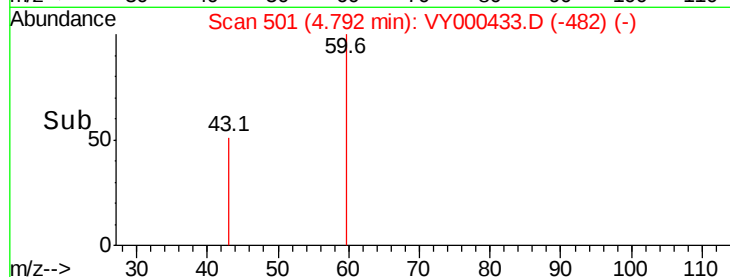
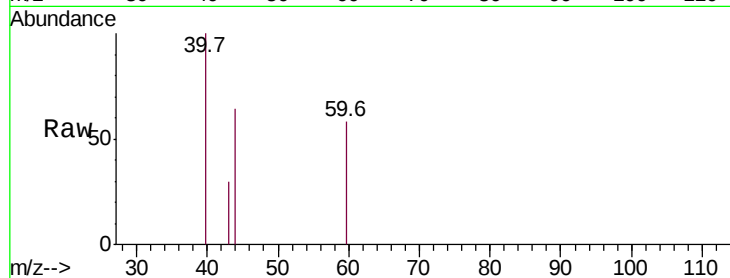


#11

Tert butyl alcohol
 Concen: 71.703 ug/l
 RT: 4.79 min Scan# 501
 Delta R.T. -0.18 min
 Lab File: VY000433.D
 Acq: 25 Oct 2019 16:52

Instrument :
 MSVOA_Y
 ClientSampleId :
 164-10-(1)

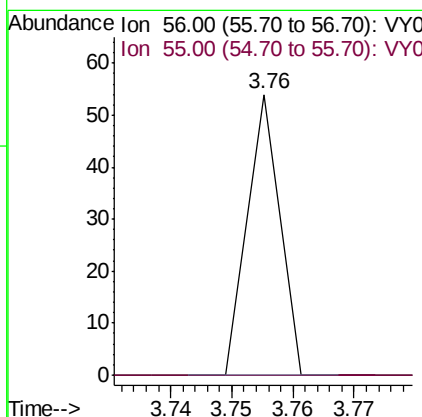
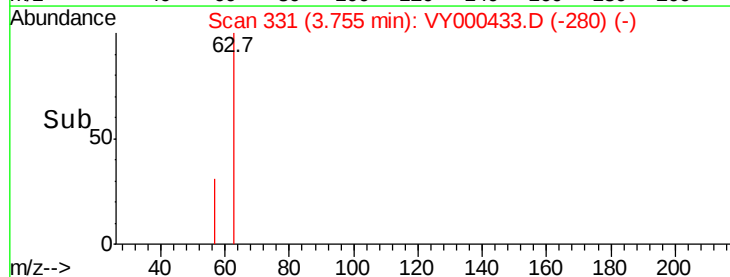
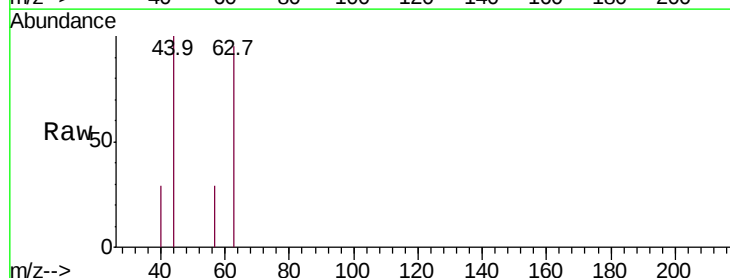
Tot Ion: 59 Resp: 71
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.2 12.2#

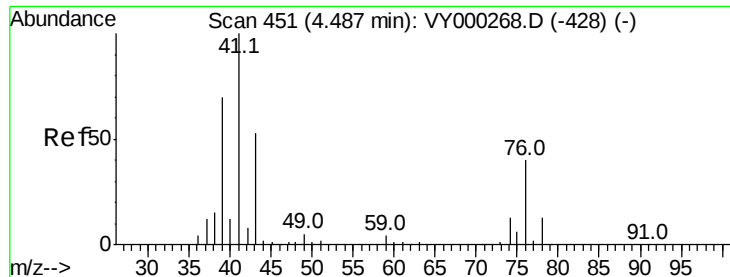


#13

Acrolein
 Concen: 17.228 ug/l
 RT: 3.76 min Scan# 331
 Delta R.T. 0.01 min
 Lab File: VY000433.D
 Acq: 25 Oct 2019 16:52

Tgt Ion: 56 Resp: 20
 Ion Ratio Lower Upper
 56 100
 55 0.0 55.7 83.5#





#14

Allvl chloride

Concen: 1.798 ug/l

RT: 4.48 min Scan# 450

Delta R.T. -0.01 min

Lab File: VY000433.D

Acq: 25 Oct 2019 16:52

Instrument :

MSVOA_Y

ClientSampleId :

164-10-(1)

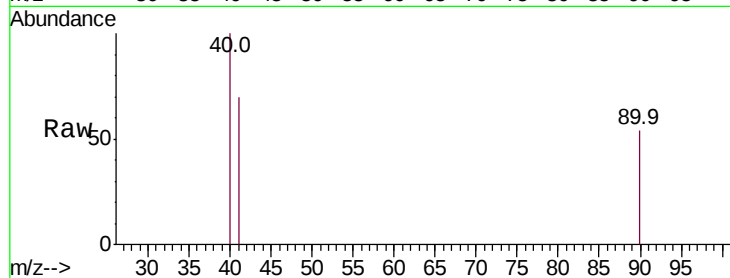
Tot Ion: 41 Resp: 27

Ion Ratio Lower Upper

41 100

39 0.0 54.0 81.0#

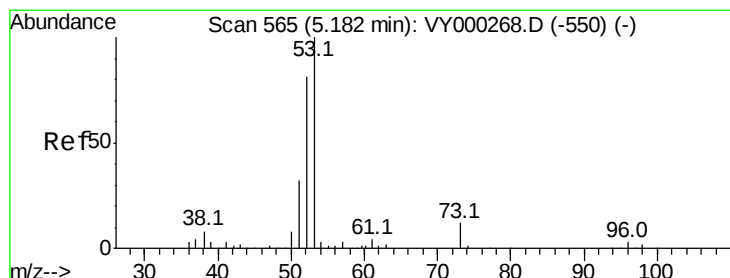
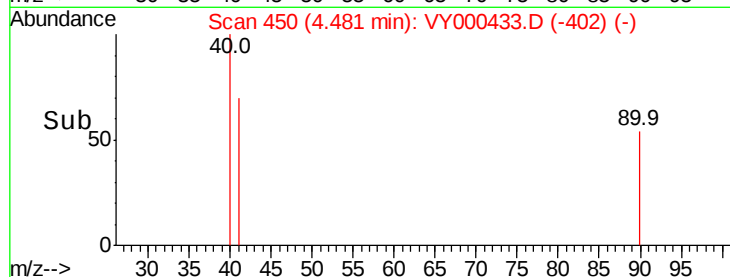
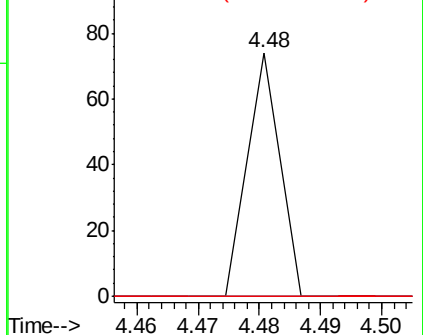
76 0.0 30.7 46.1#



Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0



#15

Acrylonitrile

Concen: 16.711 ug/l

RT: 4.94 min Scan# 525

Delta R.T. -0.24 min

Lab File: VY000433.D

Acq: 25 Oct 2019 16:52

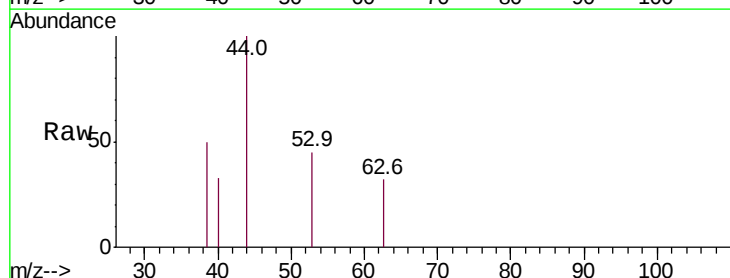
Tgt Ion: 53 Resp: 50

Ion Ratio Lower Upper

53 100

52 0.0 62.9 94.3#

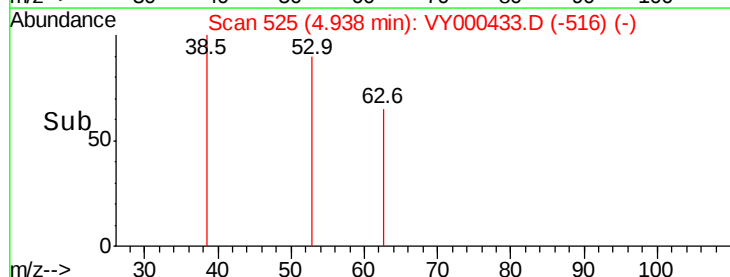
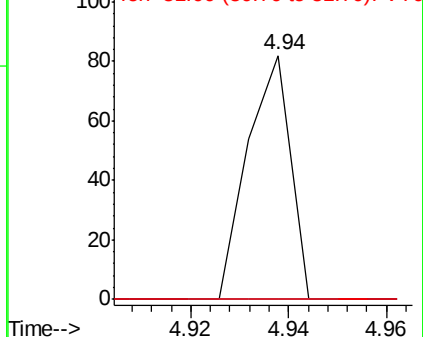
51 0.0 26.9 40.3#

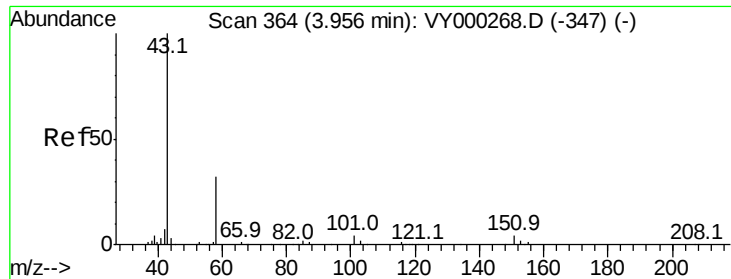


Abundance Ion 53.00 (52.70 to 53.70): VY0

Ion 52.00 (51.70 to 52.70): VY0

Ion 51.00 (50.70 to 51.70): VY0





#16

Acetone

Concen: 26.434 ug/l

RT: 4.01 min Scan# 373

Delta R.T. 0.05 min

Lab File: VY000433.D

Acq: 25 Oct 2019 16:52

Instrument :

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ClientSampleId :

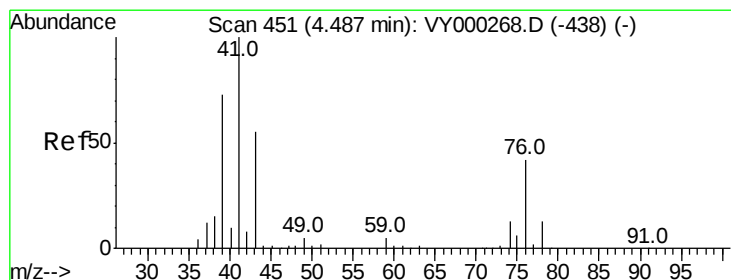
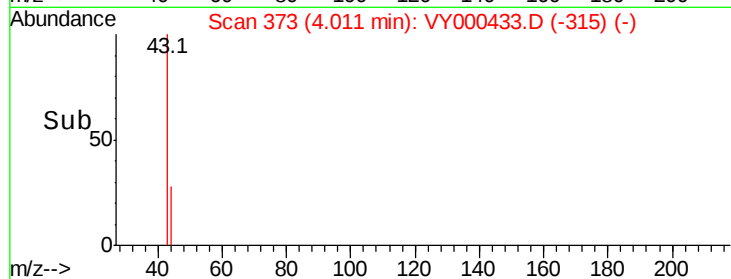
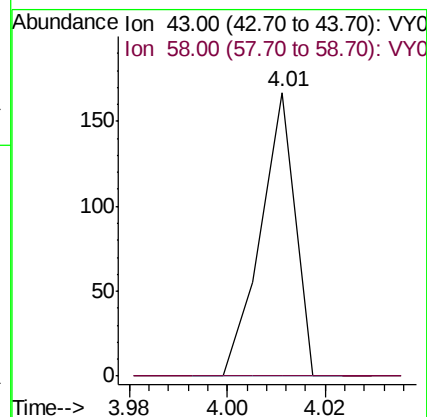
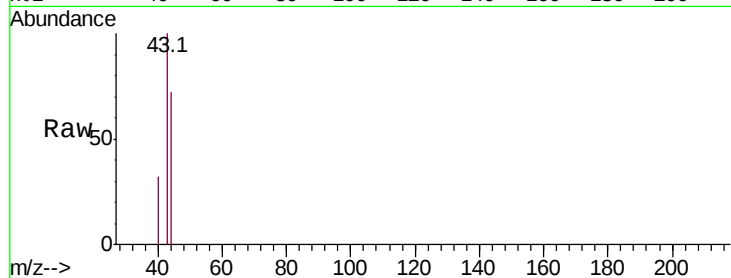
164-10-(1)

Tot Ion: 43 Resp: 81

Ion Ratio Lower Upper

43 100

58 0.0 25.8 38.6#



#18

Methyl Acetate

Concen: 9.720 ug/l

RT: 4.44 min Scan# 443

Delta R.T. -0.05 min

Lab File: VY000433.D

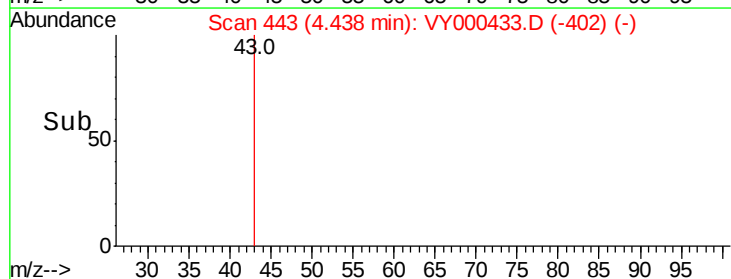
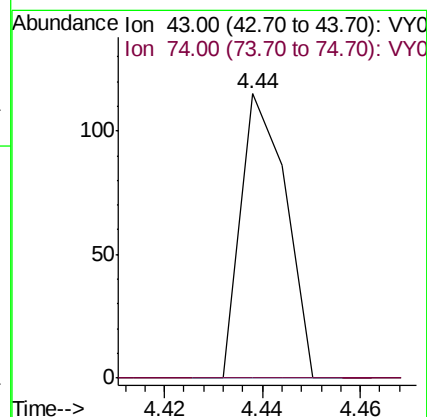
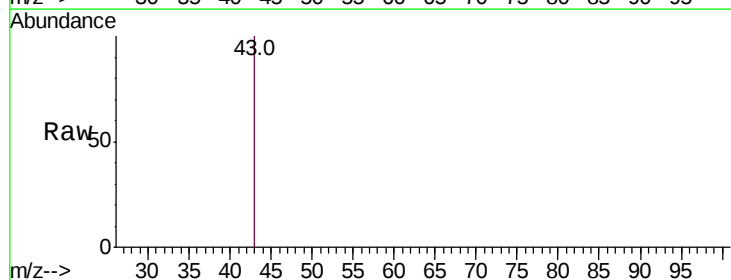
Acq: 25 Oct 2019 16:52

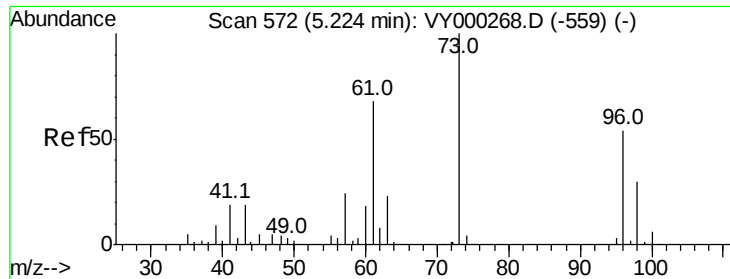
Tgt Ion: 43 Resp: 74

Ion Ratio Lower Upper

43 100

74 0.0 20.4 30.6#

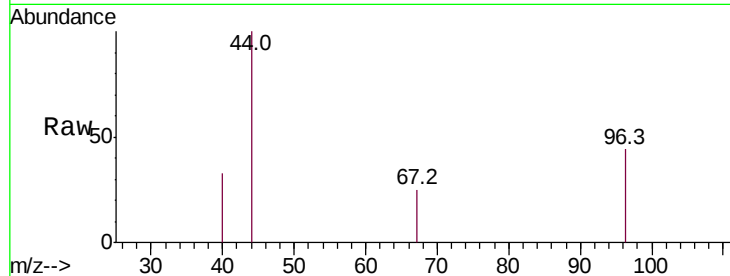




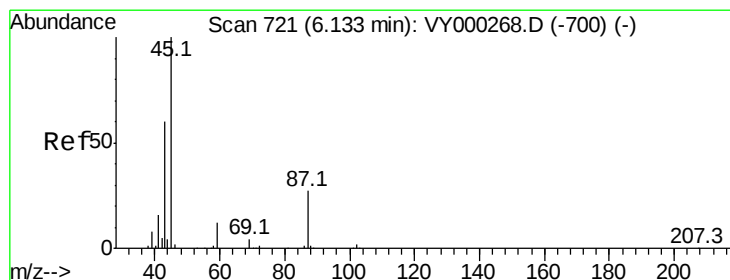
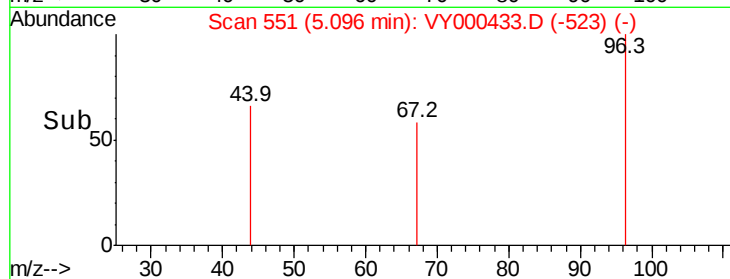
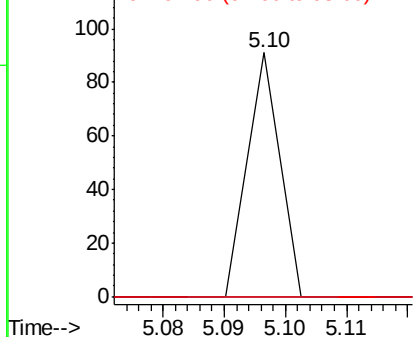
#21
trans-1,2-Dichloroethene
Concen: 3.175 ug/l
RT: 5.10 min Scan# 551
Delta R.T. -0.13 min
Lab File: VY000433.D
Acq: 25 Oct 2019 16:52

Instrument :
MSVOA_Y
ClientSampleId :
164-10-(1)

Tot Ion: 96 Resp: 33
Ion Ratio Lower Upper
96 100
61 0.0 100.4 150.6#
98 0.0 44.6 66.8#

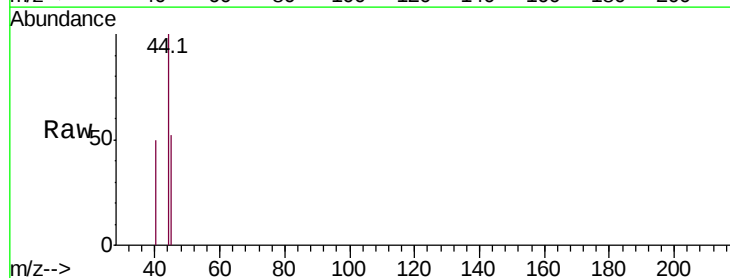


Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0

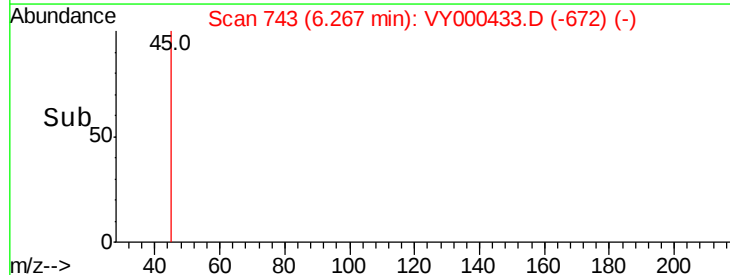
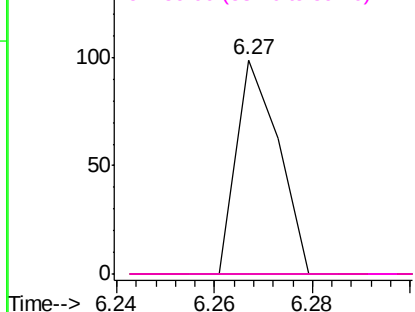


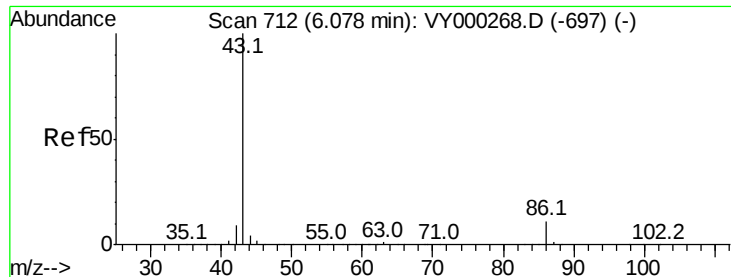
#22
Diisopropyl ether
Concen: 1.858 ug/l
RT: 6.27 min Scan# 743
Delta R.T. 0.13 min
Lab File: VY000433.D
Acq: 25 Oct 2019 16:52

Tgt Ion: 45 Resp: 59
Ion Ratio Lower Upper
45 100
43 0.0 48.5 72.7#
87 0.0 21.5 32.3#
59 0.0 9.4 14.0#



Abundance Ion 45.00 (44.70 to 45.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 87.00 (86.70 to 87.70): VY0
Ion 59.00 (58.70 to 59.70): VY0





#23

Vinyl Acetate

Concen: 2.655 ug/l

RT: 6.00 min Scan# 700

Delta R.T. -0.07 min

Lab File: VY000433.D

Acq: 25 Oct 2019 16:52

Instrument :

MSVOA_Y

ClientSampleId :

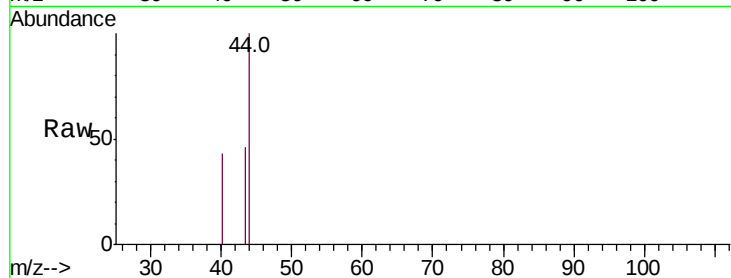
164-10-(1)

Tot Ion: 43 Resp: 55

Ion Ratio Lower Upper

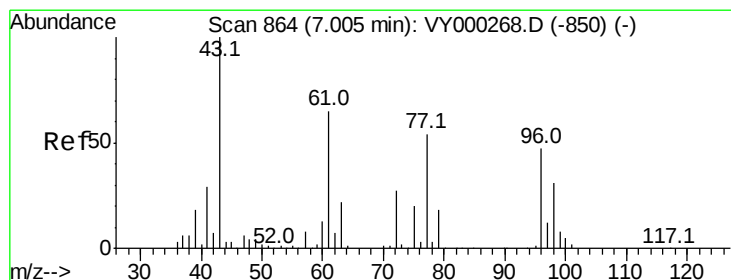
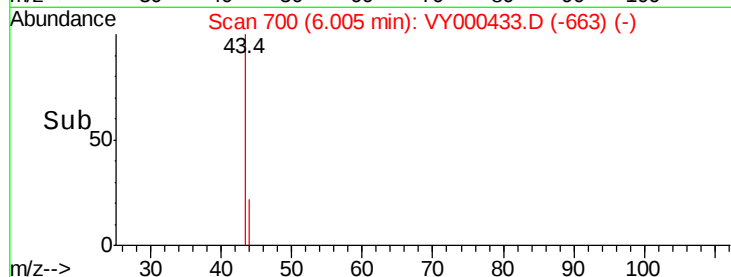
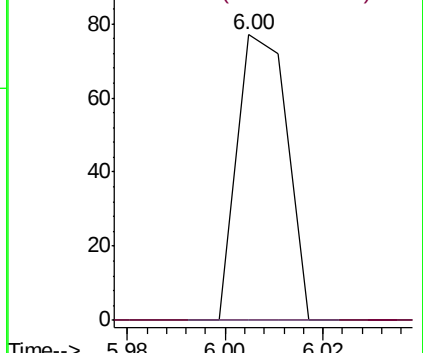
43 100

86 0.0 8.6 13.0#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#25

2-Butanone

Concen: 5.328 ug/l

RT: 7.16 min Scan# 890

Delta R.T. 0.16 min

Lab File: VY000433.D

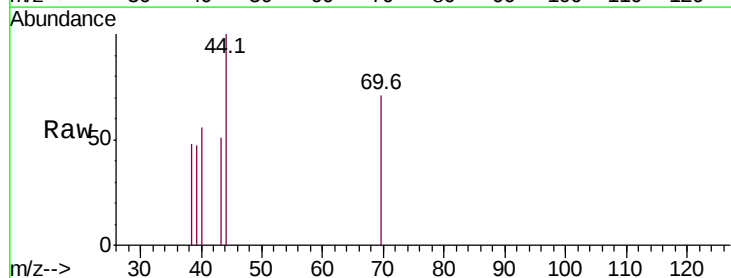
Acq: 25 Oct 2019 16:52

Tgt Ion: 43 Resp: 23

Ion Ratio Lower Upper

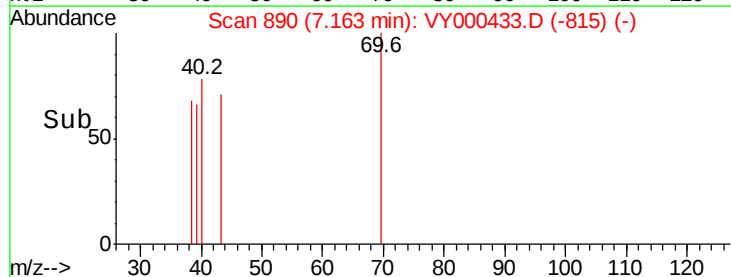
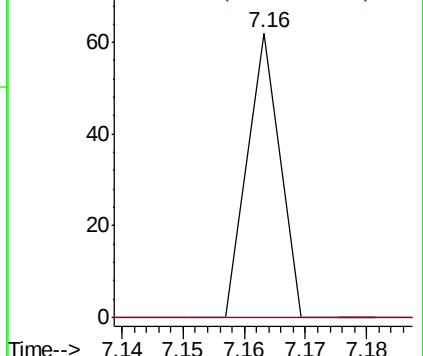
43 100

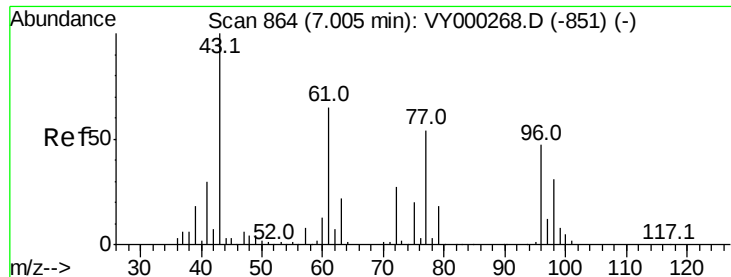
72 0.0 21.4 32.2#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0



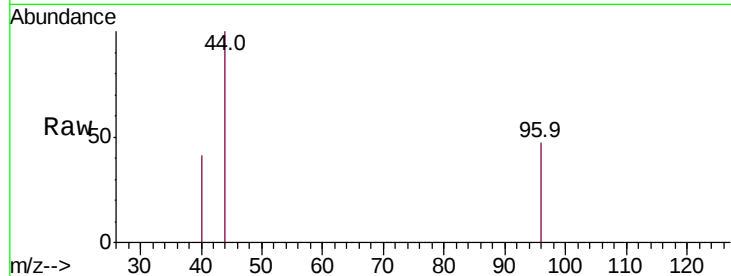


#27

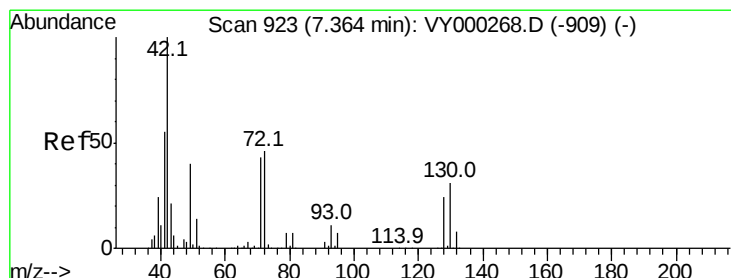
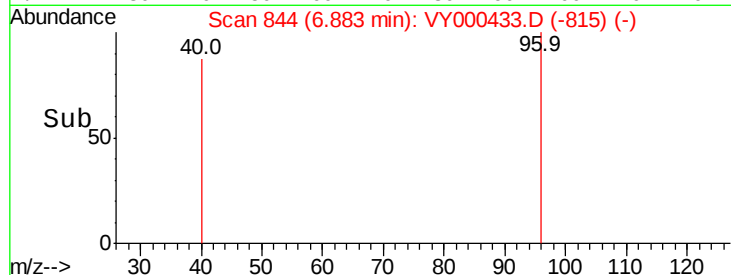
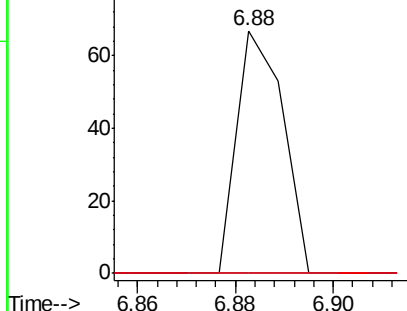
cis-1,2-Dichloroethene
Concen: 3.912 ug/l
RT: 6.88 min Scan# 844
Delta R.T. -0.12 min
Lab File: VY000433.D
Acq: 25 Oct 2019 16:52

Instrument :
MSVOA_Y
ClientSampled :
164-10-(1)

Tot Ion	Ratio	Lower	Upper
96	100		
61	0.0	0.0	289.8
98	0.0	0.0	131.8



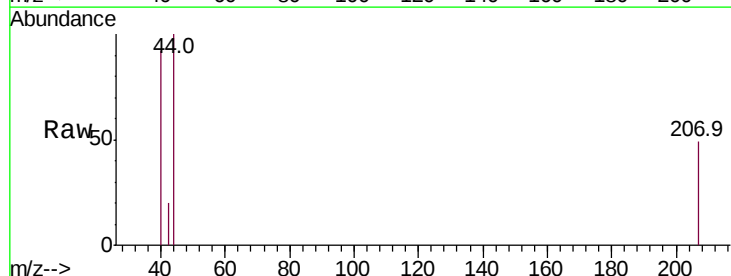
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



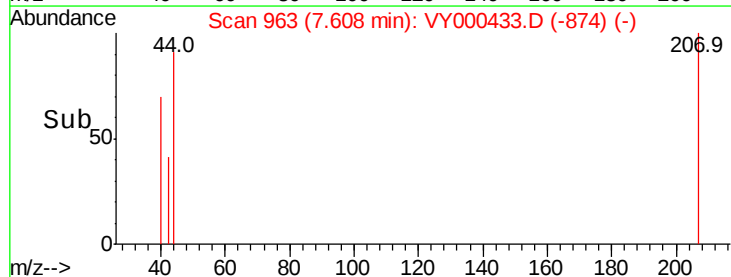
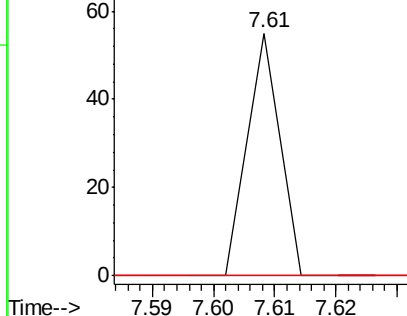
#29

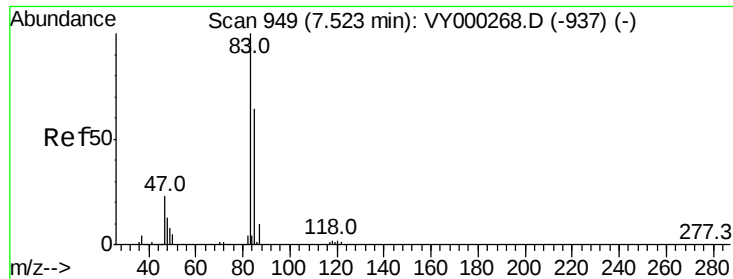
Tetrahydrofuran
Concen: 7.645 ug/l
RT: 7.61 min Scan# 963
Delta R.T. 0.24 min
Lab File: VY000433.D
Acq: 25 Oct 2019 16:52

Tgt Ion	Ratio	Lower	Upper
42	100		
72	0.0	34.5	51.7#
71	0.0	32.7	49.1#



Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

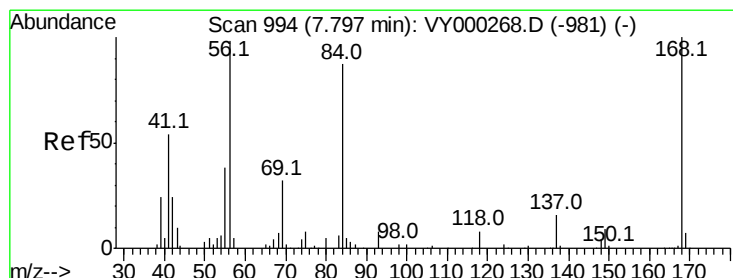
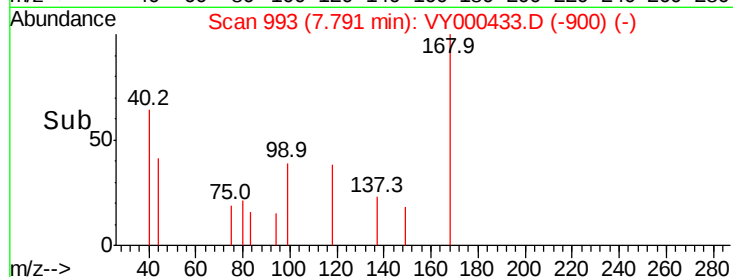
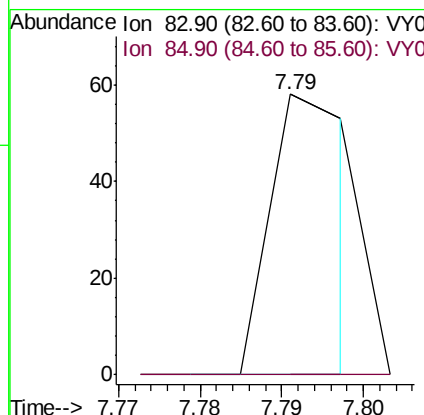
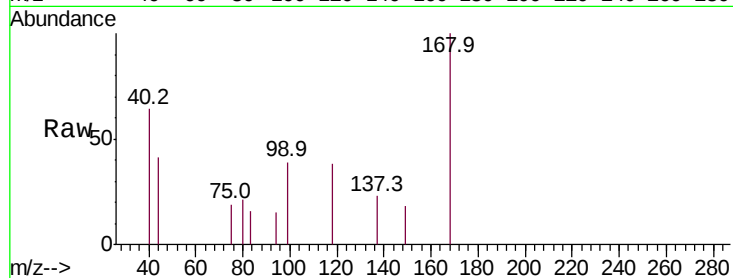




#30
Chloroform
Concen: 2.349 ug/l
RT: 7.79 min Scan# 993
Delta R.T. 0.27 min
Lab File: VY000433.D
Acq: 25 Oct 2019 16:52

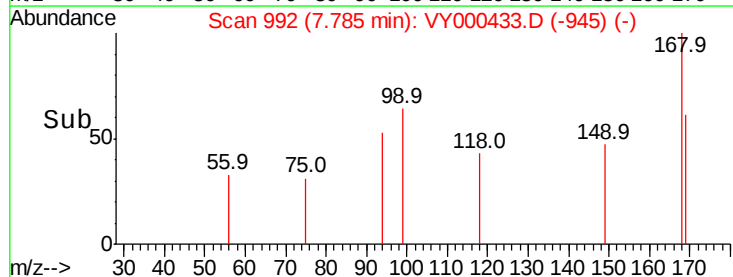
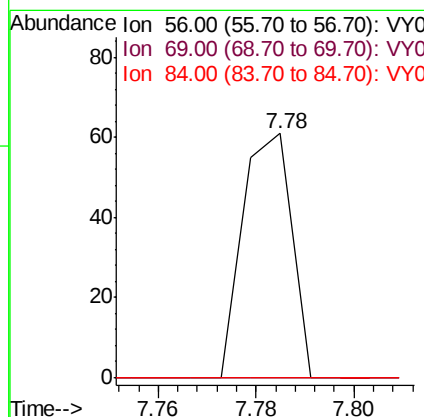
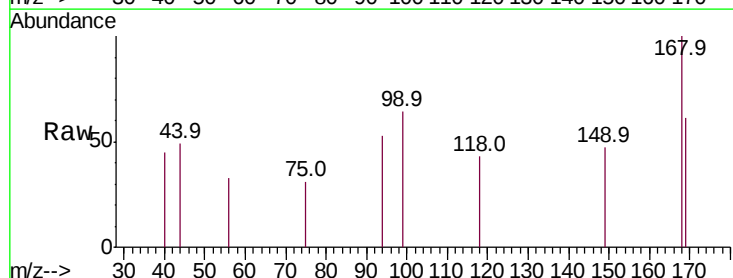
Instrument :
MSVOA_Y
ClientSampleId :
164-10-(1)

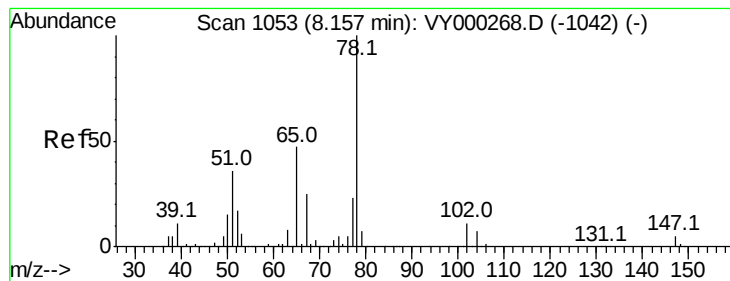
Tot Ion: 83 Resp: 41
Ion Ratio Lower Upper
83 100
85 0.0 51.4 77.2#



#31
Cyclohexane
Concen: 2.320 ug/l
RT: 7.78 min Scan# 992
Delta R.T. -0.01 min
Lab File: VY000433.D
Acq: 25 Oct 2019 16:52

Tgt Ion: 56 Resp: 42
Ion Ratio Lower Upper
56 100
69 0.0 26.3 39.5#
84 0.0 70.8 106.2#





#33

1,2-Dichloroethane-d4

Concen: 10.146 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. 0.00 min

Lab File: VY000433.D

Acq: 25 Oct 2019 16:52

Instrument :

MSVOA_Y

ClientSampleId :

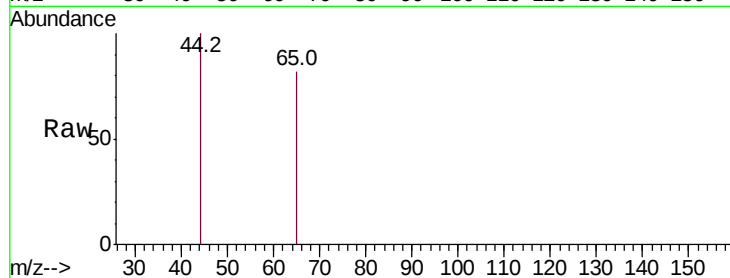
164-10-(1)

Tot Ion: 65 Resp: 96

Ion Ratio Lower Upper

65 100

67 0.0 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0

8.16

150

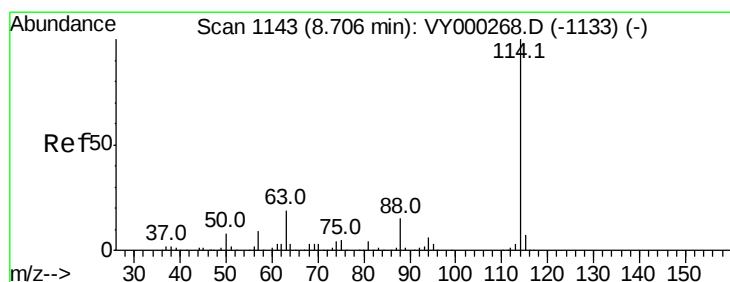
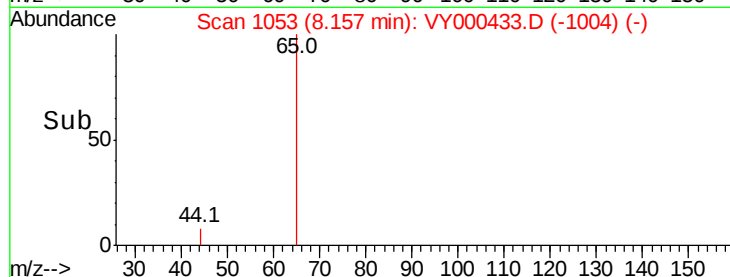
100

50

0

8.14 8.15 8.16 8.17

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. -0.01 min

Lab File: VY000433.D

Acq: 25 Oct 2019 16:52

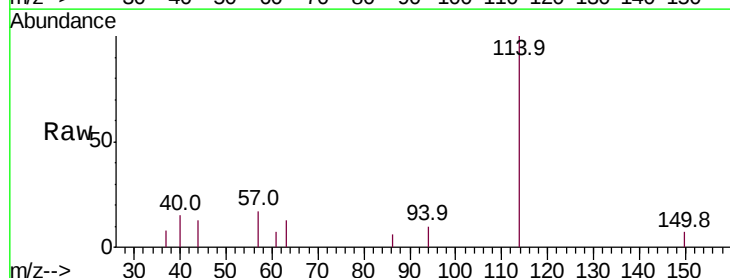
Tgt Ion: 114 Resp: 1251

Ion Ratio Lower Upper

114 100

63 12.7 0.0 37.2

88 0.0 0.0 30.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0

1000

800

600

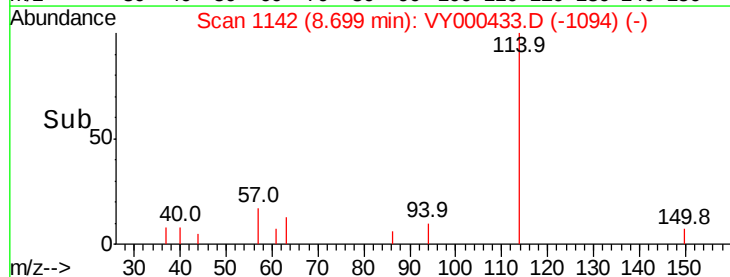
400

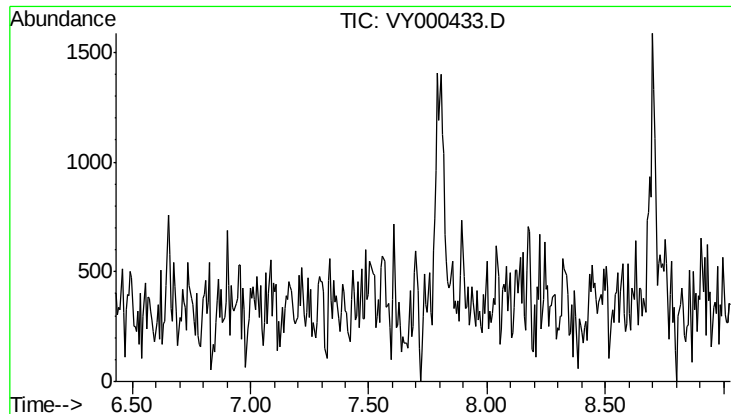
200

0

8.65 8.70 8.75

Time-->

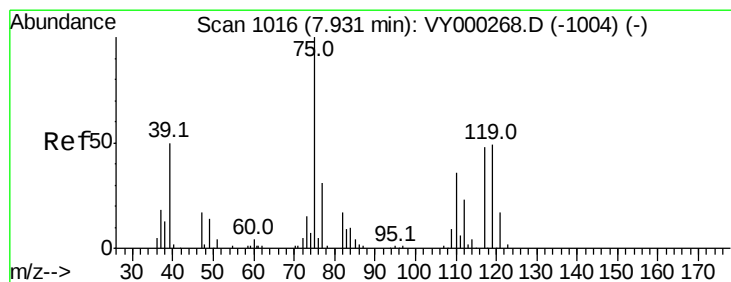
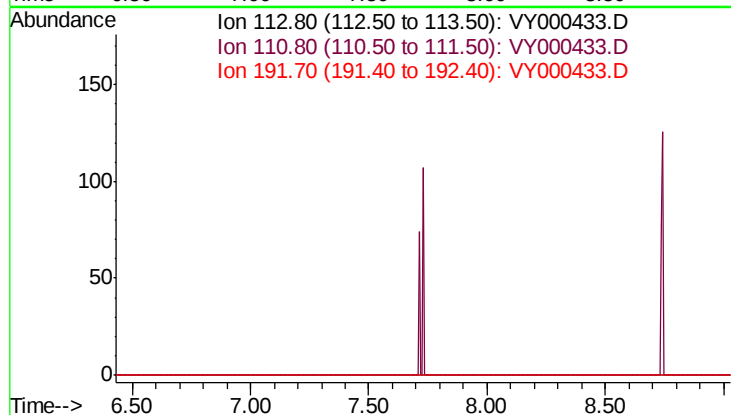




#35
 Dibromofluoromethane
 Concen: 0.000 ug/l
 Expected RT: 7.73 min
 Lab File: VY000433.D
 Acq: 25 Oct 2019 16:52

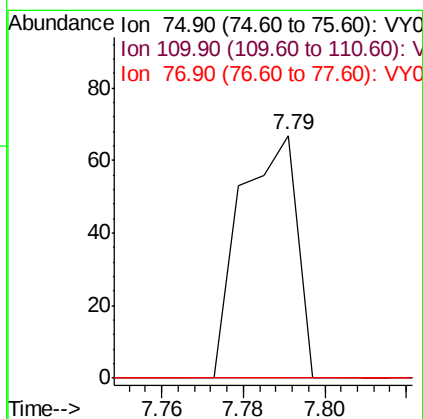
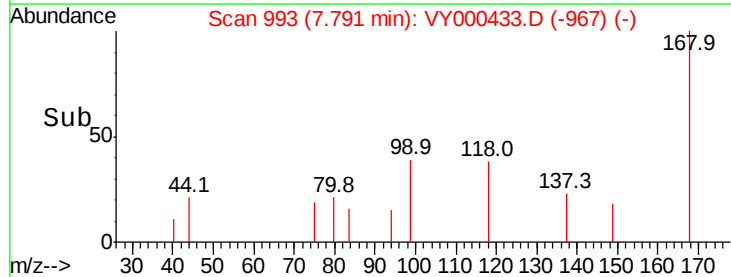
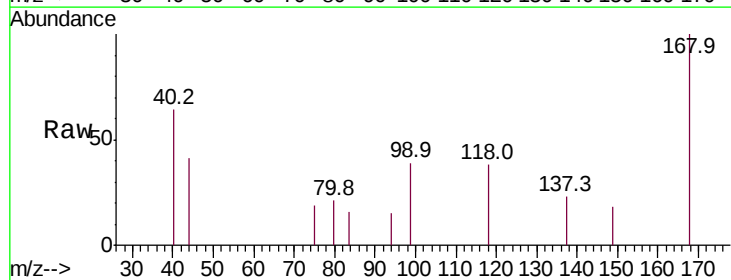
Instrument :
 MSVOA_Y
 ClientSampleId :
 164-10-(1)

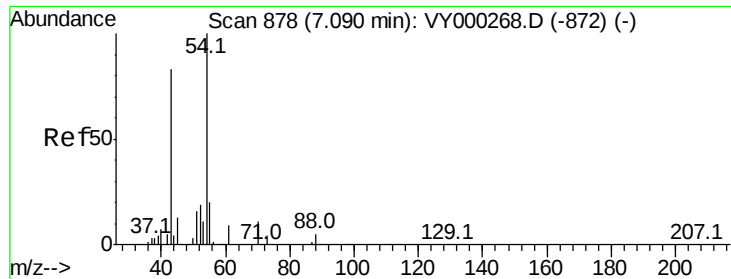
Tot Ion: 113
 Sig Exp Ratio
 113 100
 111 102.0
 192 19.1



#36
 1,1-Dichloropropene
 Concen: 5.225 ug/l
 RT: 7.79 min Scan# 993
 Delta R.T. -0.14 min
 Lab File: VY000433.D
 Acq: 25 Oct 2019 16:52

Tgt Ion: 75 Resp: 64
 Ion Ratio Lower Upper
 75 100
 110 0.0 18.4 55.4#
 77 0.0 25.0 37.6#

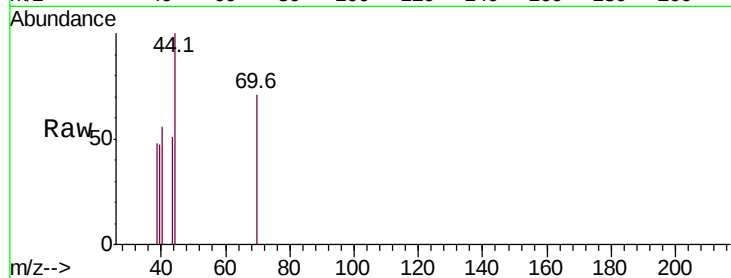




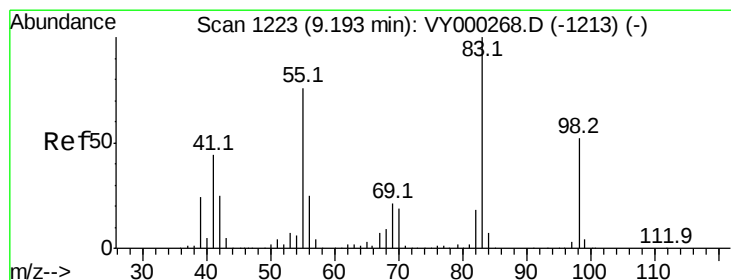
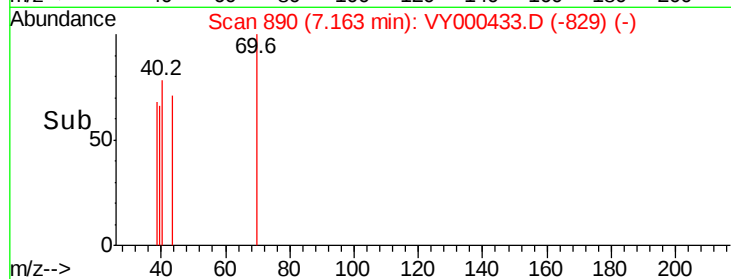
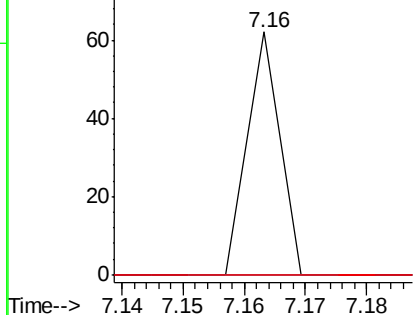
#37
Ethyl Acetate
Concen: 3.171 ug/l
RT: 7.16 min Scan# 890
Delta R.T. 0.07 min
Lab File: VY000433.D
Acq: 25 Oct 2019 16:52

Instrument :
MSVOA_Y
ClientSampleId :
164-10-(1)

Tot Ion	Ratio	Lower	Upper
43	100		
61	0.0	12.1	18.1#
70	0.0	8.7	13.1#

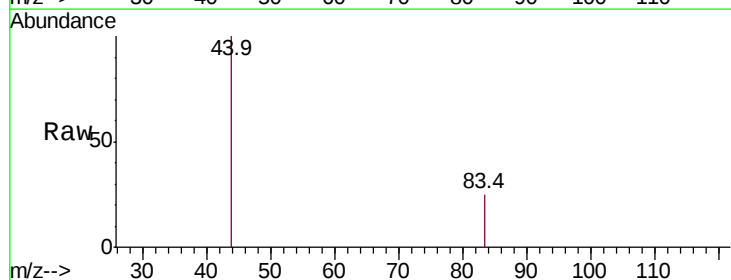


Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 70.00 (69.70 to 70.70): VY0

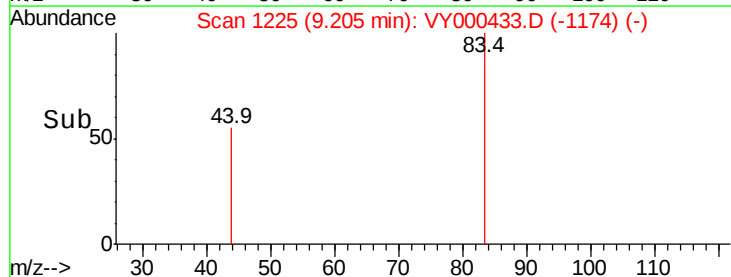
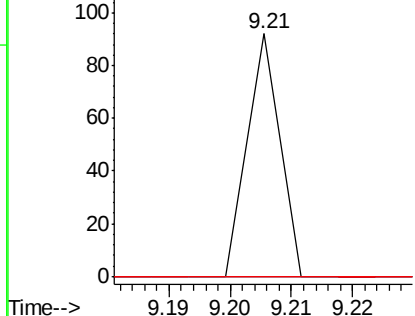


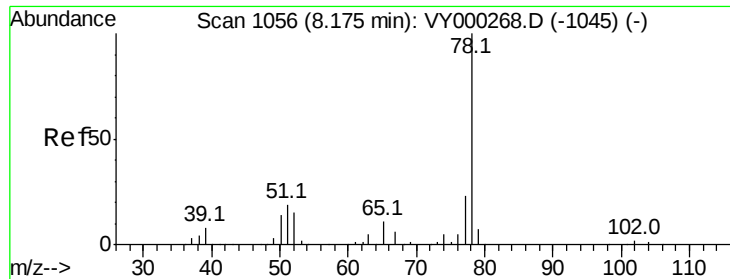
#39
Methylcyclohexane
Concen: 2.121 ug/l
RT: 9.21 min Scan# 1225
Delta R.T. 0.01 min
Lab File: VY000433.D
Acq: 25 Oct 2019 16:52

Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.0	60.9	91.3#
98	0.0	41.8	62.6#



Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0





#40

Benzene

Concen: 1.384 ug/l

RT: 8.13 min Scan# 1048

Delta R.T. -0.05 min

Lab File: VY000433.D

Acq: 25 Oct 2019 16:52

Instrument :

MSVOA_Y

ClientSampleId :

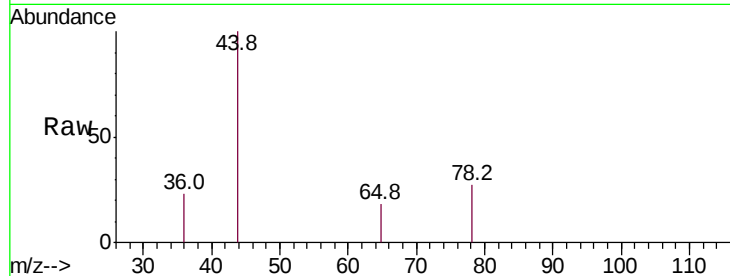
164-10-(1)

Tot Ion: 78 Resp: 49

Ion Ratio Lower Upper

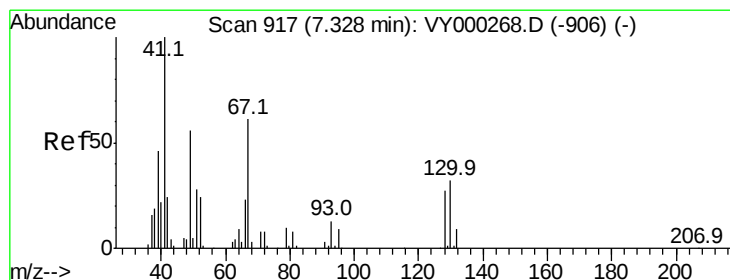
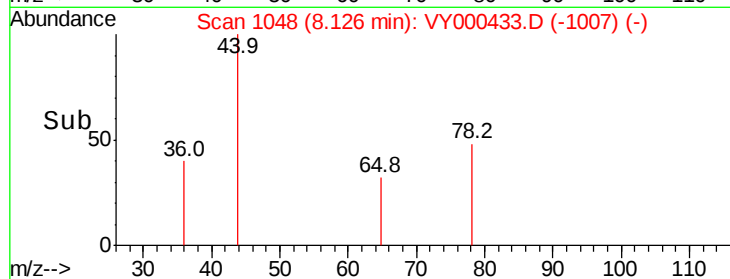
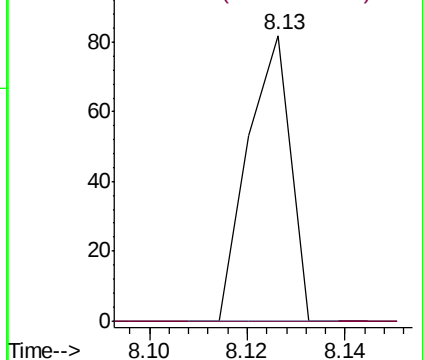
78 100

77 0.0 18.8 28.2#



Abundance Ion 78.00 (77.70 to 78.70): VY0

Ion 77.00 (76.70 to 77.70): VY0



#41

Methacrylonitrile

Concen: 24.043 ug/l

RT: 7.31 min Scan# 914

Delta R.T. -0.02 min

Lab File: VY000433.D

Acq: 25 Oct 2019 16:52

Tgt Ion: 41 Resp: 83

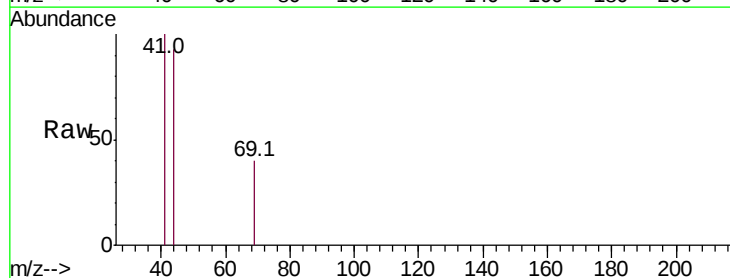
Ion Ratio Lower Upper

41 100

39 0.0 110.2 165.2#

67 0.0 0.0 0.0

52 0.0 0.0 0.0

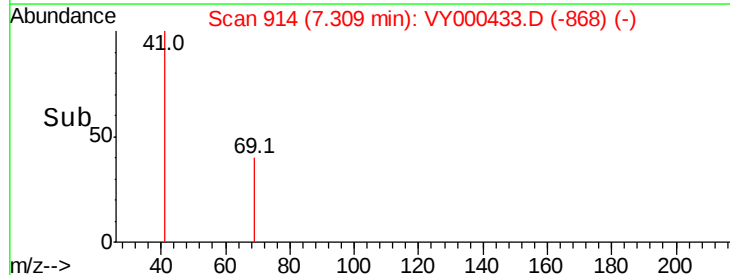
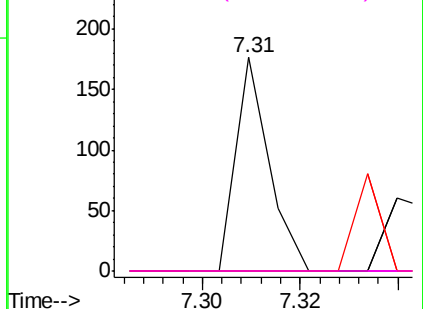


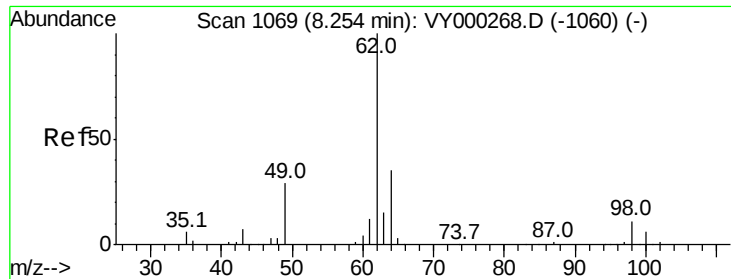
Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 67.00 (66.70 to 67.70): VY0

Ion 52.00 (51.70 to 52.70): VY0





#42

1,2-Dichloroethane

Concen: 6.528 ug/l

RT: 8.04 min Scan# 1034

Delta R.T. -0.21 min

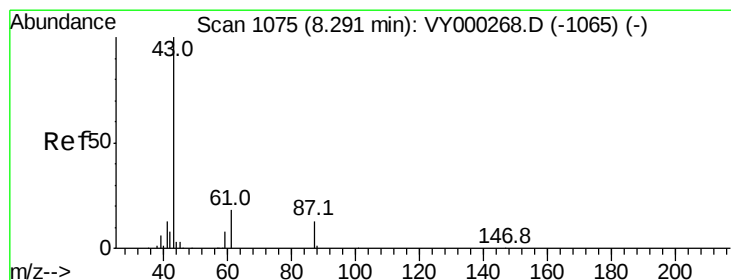
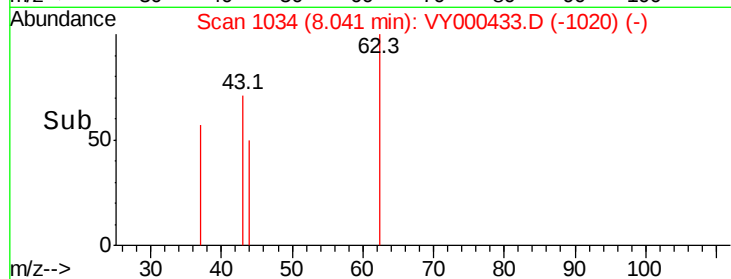
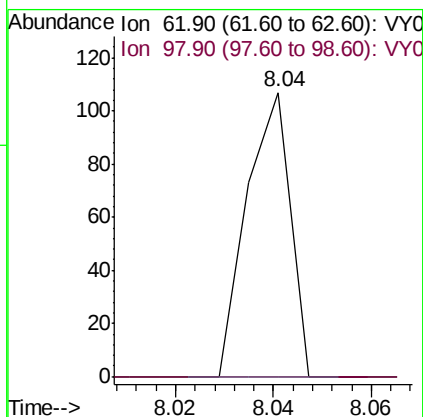
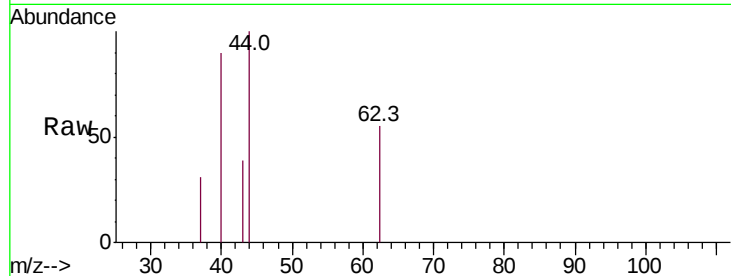
Lab File: VY000433.D

Acq: 25 Oct 2019 16:52

Instrument :
MSVOA_Y
ClientSampleId :
164-10-(1)

Tot Ion: 62 Resp: 66

Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	20.6



#43

Isopropyl Acetate

Concen: 4.424 ug/l

RT: 8.18 min Scan# 1057

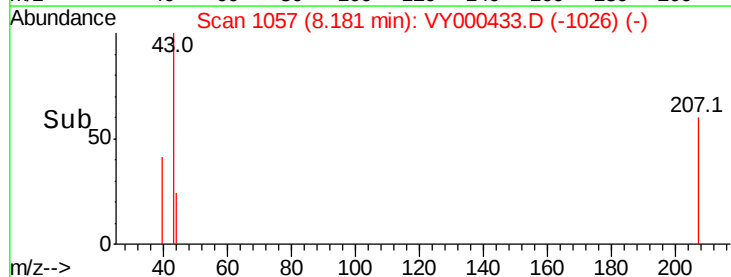
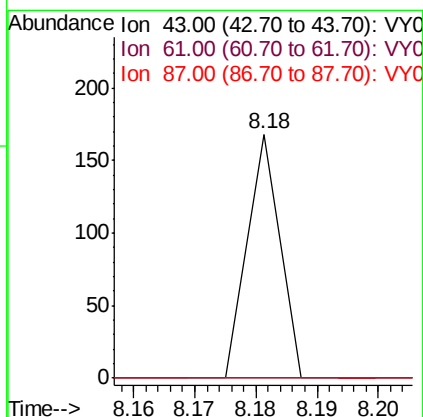
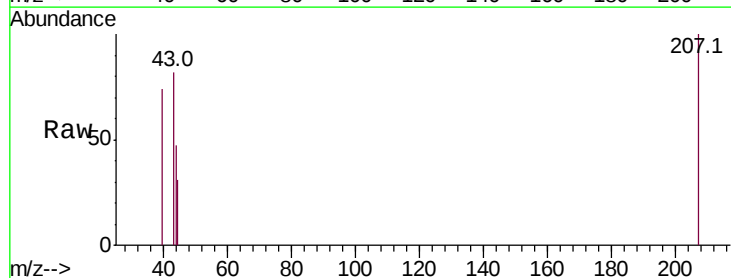
Delta R.T. -0.11 min

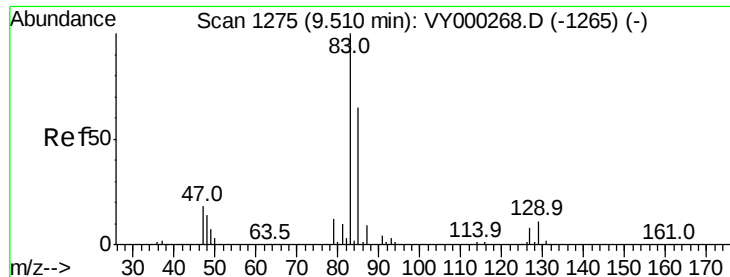
Lab File: VY000433.D

Acq: 25 Oct 2019 16:52

Tgt Ion: 43 Resp: 61

Ion	Ratio	Lower	Upper
43	100		
61	0.0	22.3	33.5#
87	0.0	10.9	16.3#





#47

Bromodichloromethane

Concen: 2.447 ug/l

RT: 9.60 min Scan# 1290

Delta R.T. 0.09 min

Lab File: VY000433.D

Acq: 25 Oct 2019 16:52

Instrument :

MSVOA_Y

ClientSampleId :

164-10-(1)

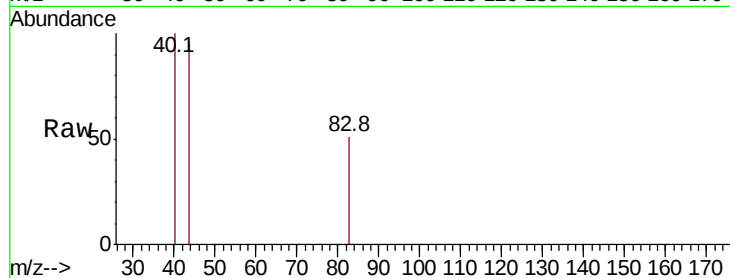
Tot Ion: 83 Resp: 28

Ion Ratio Lower Upper

83 100

85 0.0 52.2 78.2#

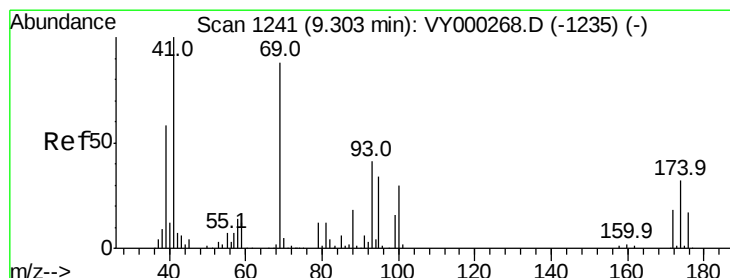
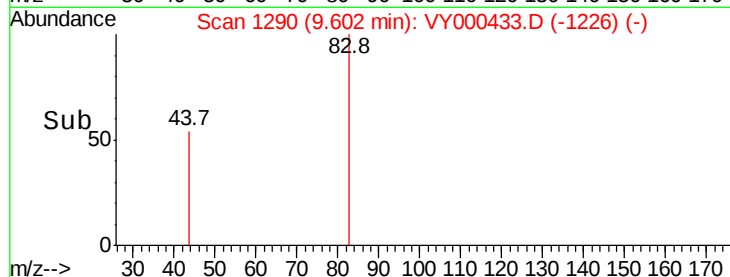
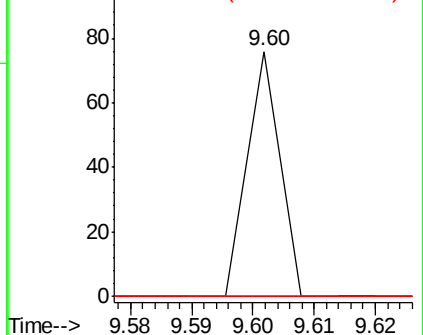
127 0.0 6.3 9.5#



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 3.806 ug/l

RT: 9.36 min Scan# 1251

Delta R.T. 0.06 min

Lab File: VY000433.D

Acq: 25 Oct 2019 16:52

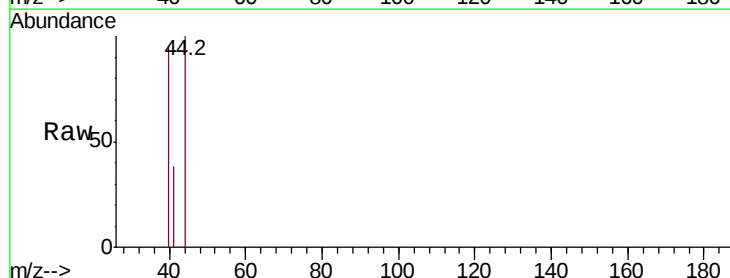
Tgt Ion: 41 Resp: 23

Ion Ratio Lower Upper

41 100

69 0.0 70.0 105.0#

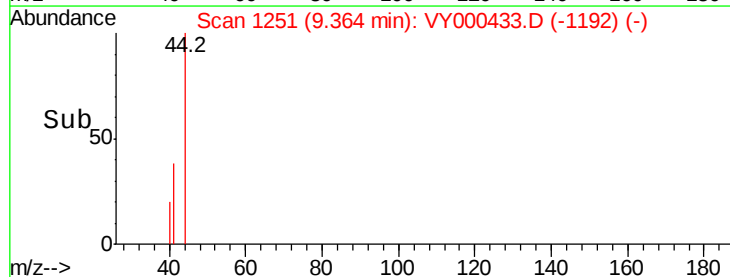
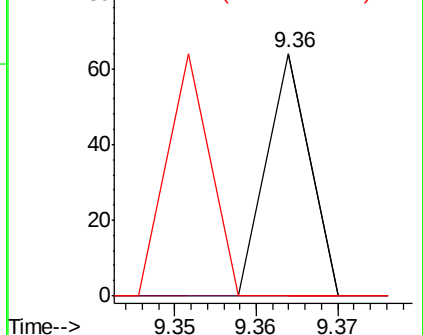
39 100.0 47.7 71.5#

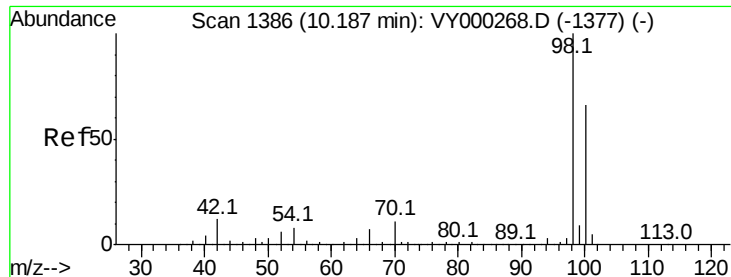


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 69.00 (68.70 to 69.70): VY0

Ion 39.00 (38.70 to 39.70): VY0





#50

Toluene-d8

Concen: 42.717 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. -0.00 min

Lab File: VY000433.D

Acq: 25 Oct 2019 16:52

Instrument :

MSVOA_Y

ClientSampleId :

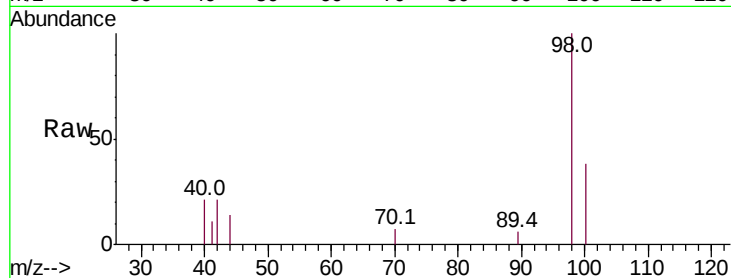
164-10-(1)

Tot Ion: 98 Resp: 1240

Ion Ratio Lower Upper

98 100

100 59.2 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

10.19

1200

1000

800

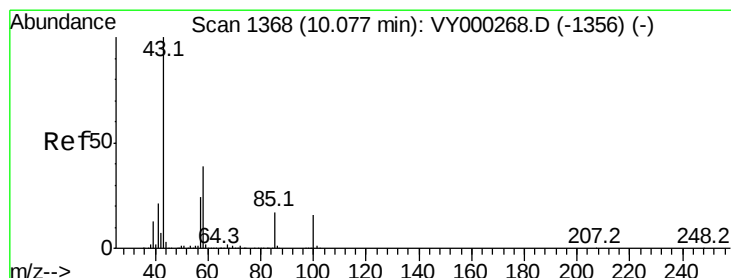
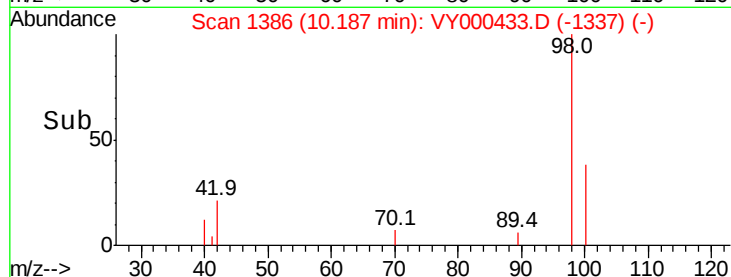
600

400

200

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 13.498 ug/l

RT: 10.13 min Scan# 1376

Delta R.T. 0.05 min

Lab File: VY000433.D

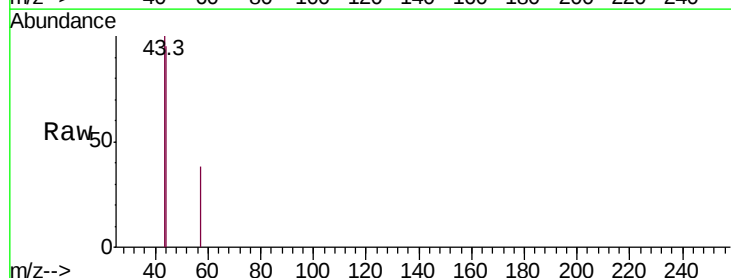
Acq: 25 Oct 2019 16:52

Tgt Ion: 43 Resp: 96

Ion Ratio Lower Upper

43 100

58 0.0 31.0 46.6#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

10.13

200

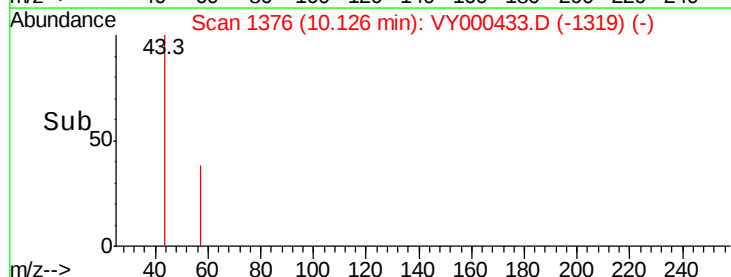
150

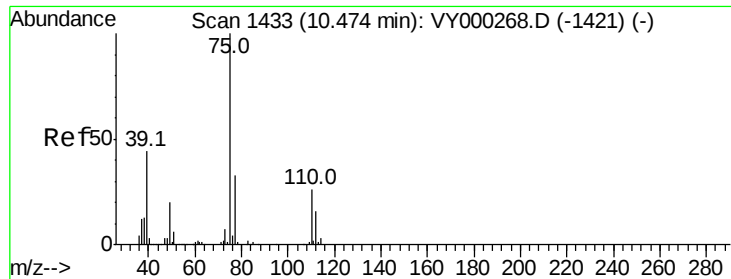
100

50

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 10.111 ug/l

RT: 10.49 min Scan# 1436

Delta R.T. 0.02 min

Lab File: VY000433.D

Acq: 25 Oct 2019 16:52

Instrument :

MSVOA_Y

ClientSampleId :

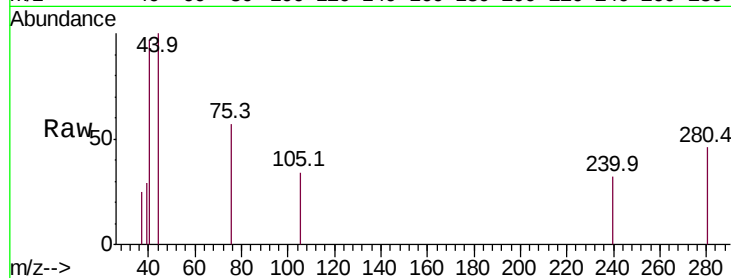
164-10-(1)

Tot Ion: 75 Resp: 124

Ion Ratio Lower Upper

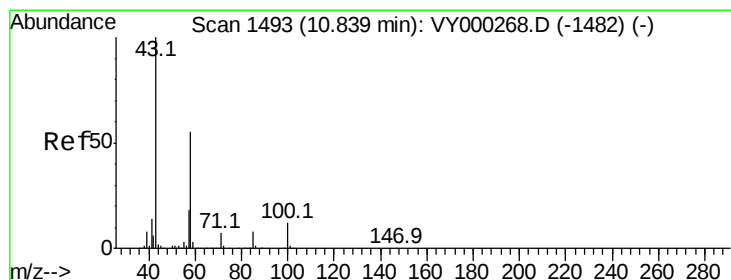
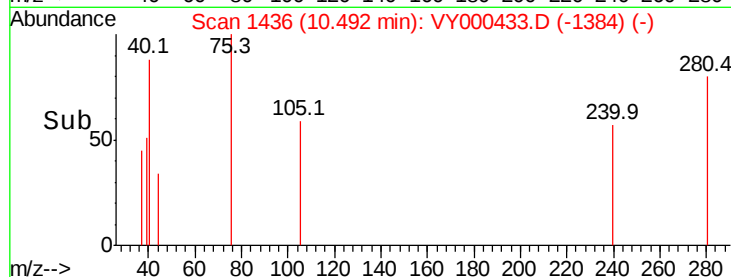
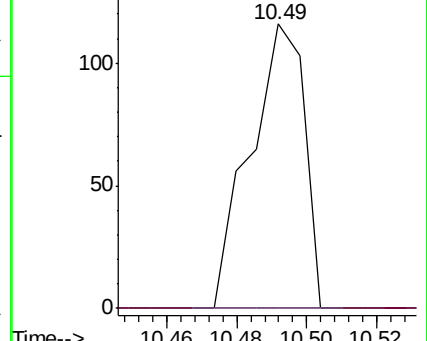
75 100

77 0.0 26.0 39.0#



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0



#59

2-Hexanone

Concen: 14.222 ug/l

RT: 10.88 min Scan# 1499

Delta R.T. 0.04 min

Lab File: VY000433.D

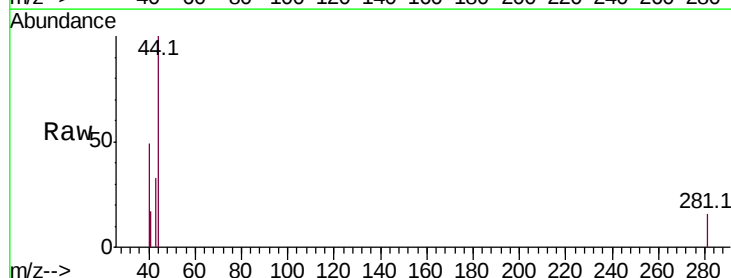
Acq: 25 Oct 2019 16:52

Tgt Ion: 43 Resp: 71

Ion Ratio Lower Upper

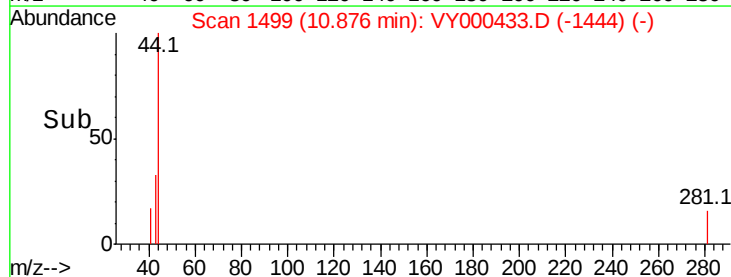
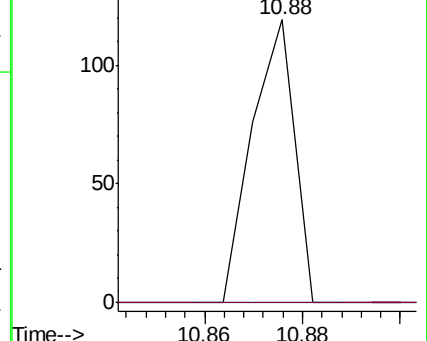
43 100

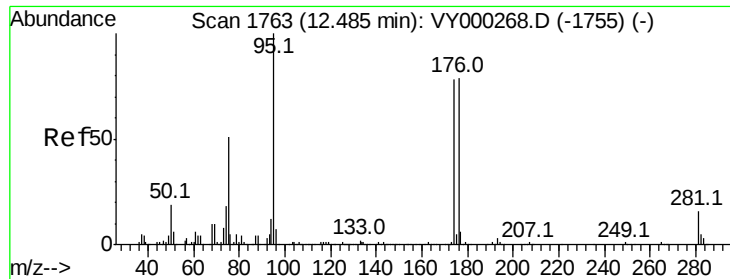
58 0.0 27.7 83.1#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0





#62

4-Bromofluorobenzene

Concen: 1.814 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.01 min

Lab File: VY000433.D

Acq: 25 Oct 2019 16:52

Instrument :

MSVOA_Y

ClientSampleId :

164-10-(1)

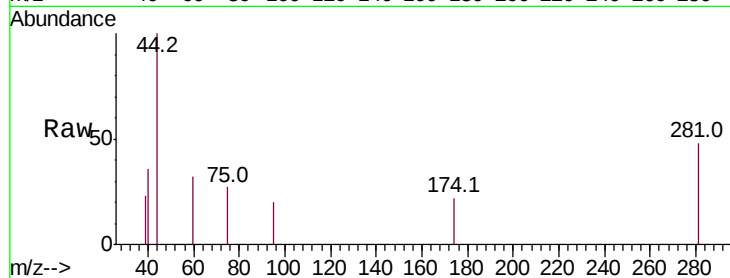
Tot Ion: 95 Resp: 20

Ion Ratio Lower Upper

95 100

174 430.0 0.0 159.6#

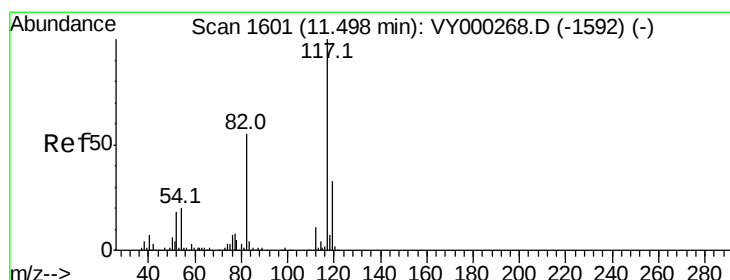
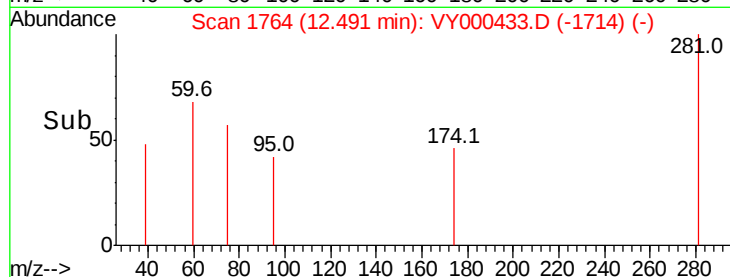
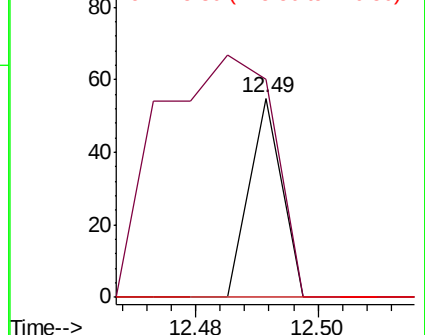
176 0.0 0.0 153.8



Abundance Ion 94.90 (94.60 to 95.60): VY000433.D (-1714) (-)

Ion 173.80 (173.50 to 174.50): VY000433.D (-1714) (-)

Ion 175.80 (175.50 to 176.50): VY000433.D (-1714) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1600

Delta R.T. -0.01 min

Lab File: VY000433.D

Acq: 25 Oct 2019 16:52

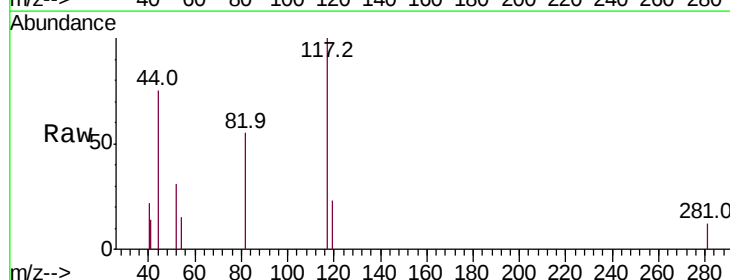
Tgt Ion: 117 Resp: 640

Ion Ratio Lower Upper

117 100

82 54.9 43.7 65.5

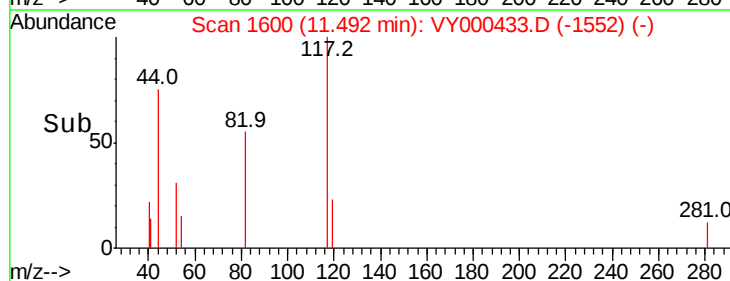
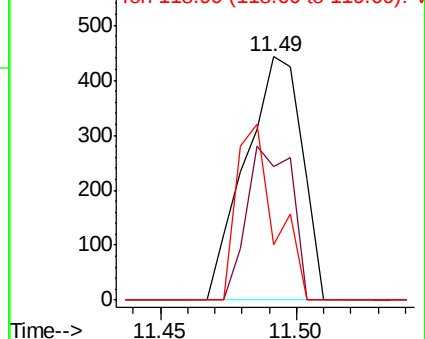
119 22.8 26.6 39.8#

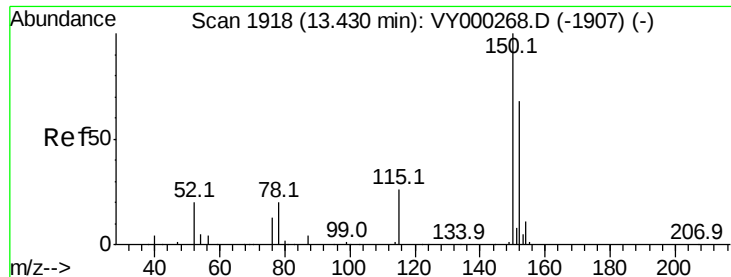


Abundance Ion 116.90 (116.60 to 117.60): VY000433.D (-1552) (-)

Ion 82.00 (81.70 to 82.70): VY000433.D (-1552) (-)

Ion 118.90 (118.60 to 119.60): VY000433.D (-1552) (-)



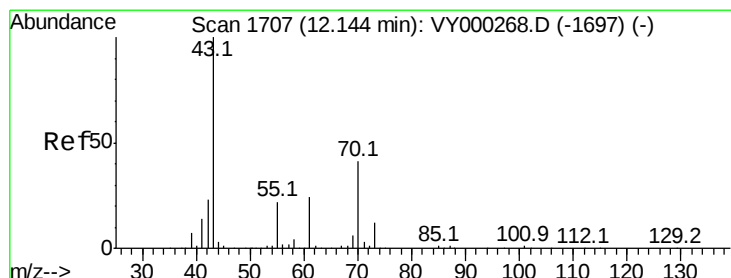
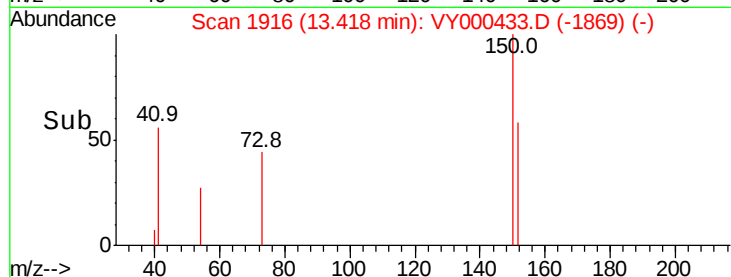
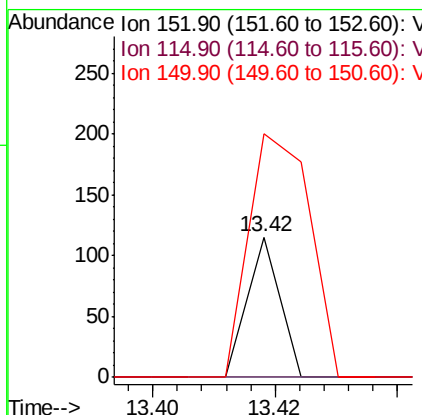
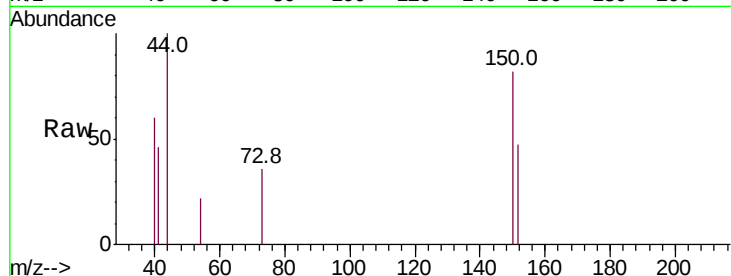


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1916
Delta R.T. -0.01 min
Lab File: VY000433.D
Acq: 25 Oct 2019 16:52

Instrument :
MSVOA_Y
ClientSampleId :
164-10-(1)

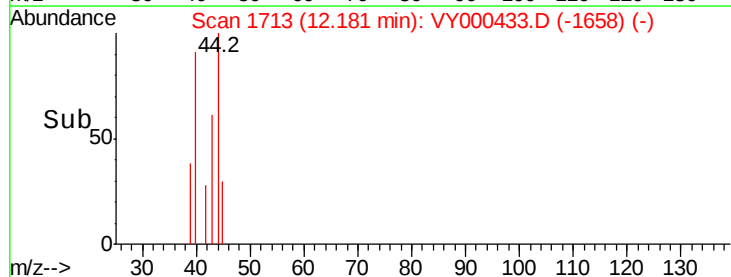
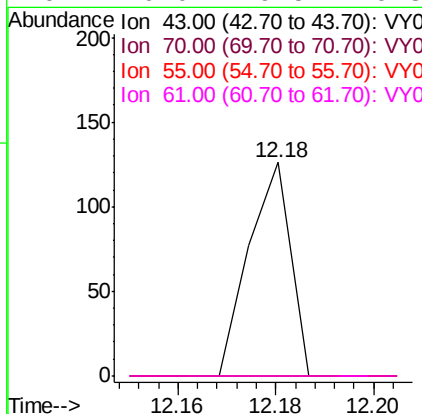
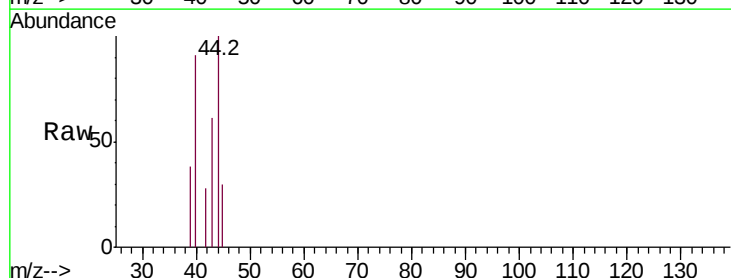
Tot Ion:152 Resp: 42
Ion Ratio Lower Upper
152 100
115 0.0 29.3 88.0#
150 328.6 0.0 348.4

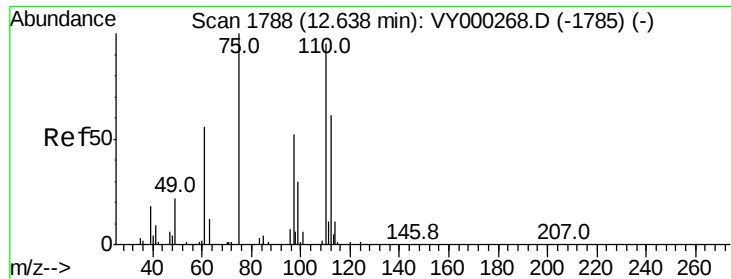


#74

N-amyl acetate
Concen: 92.042 ug/l
RT: 12.18 min Scan# 1713
Delta R.T. 0.04 min
Lab File: VY000433.D
Acq: 25 Oct 2019 16:52

Tgt Ion: 43 Resp: 74
Ion Ratio Lower Upper
43 100
70 0.0 32.9 49.3#
55 0.0 17.8 26.6#
61 0.0 19.5 29.3#





#76

1,2,3-Trichloropropane

Concen: 46.471 ug/l

RT: 12.74 min Scan# 1805

Delta R.T. 0.10 min

Lab File: VY000433.D

Acq: 25 Oct 2019 16:52

Instrument :

MSVOA_Y

ClientSampleId :

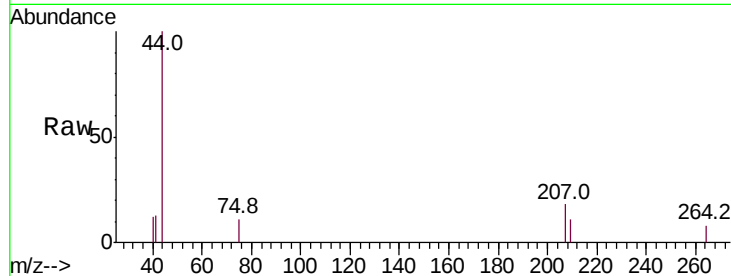
164-10-(1)

Tot Ion: 75 Resp: 24

Ion Ratio Lower Upper

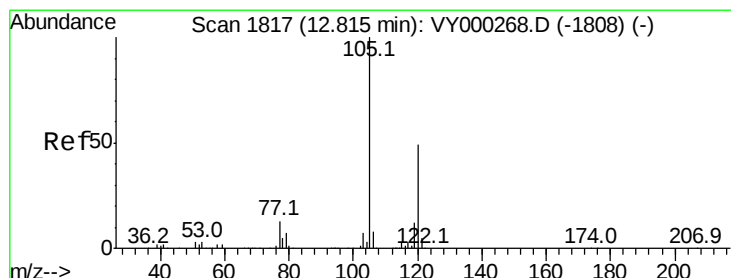
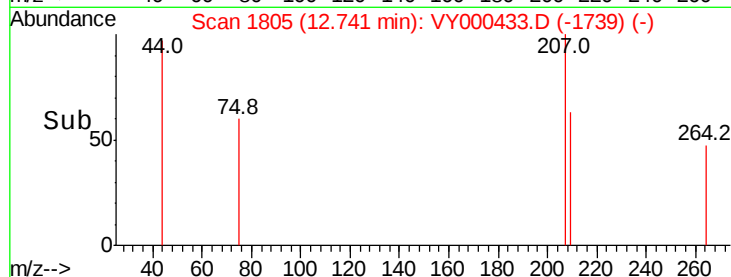
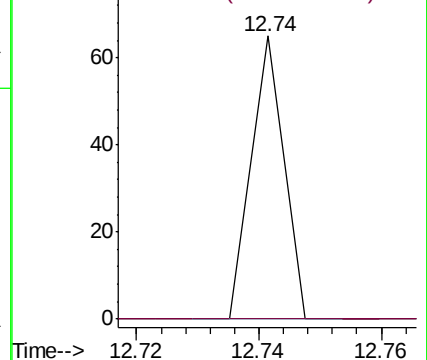
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0



#80

1,3,5-Trimethylbenzene

Concen: 7.647 ug/l

RT: 12.85 min Scan# 1822

Delta R.T. 0.03 min

Lab File: VY000433.D

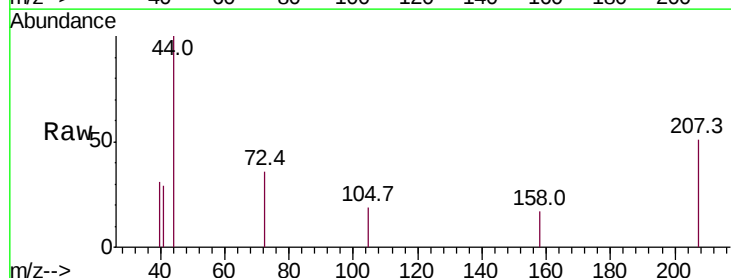
Acq: 25 Oct 2019 16:52

Tgt Ion: 105 Resp: 21

Ion Ratio Lower Upper

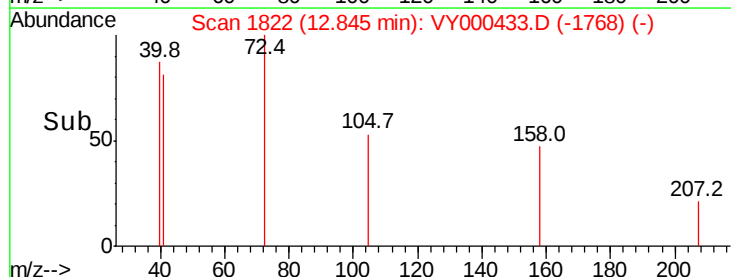
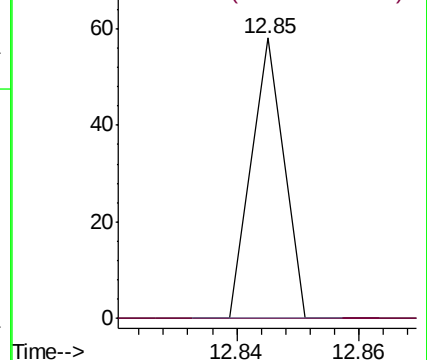
105 100

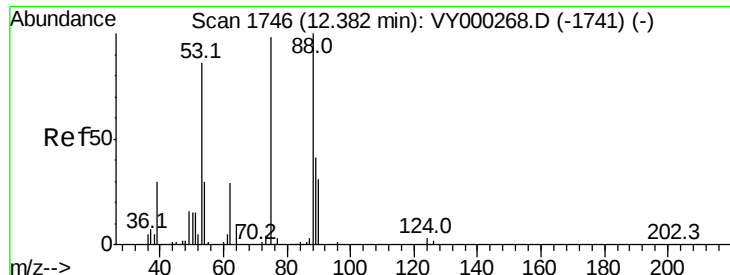
120 0.0 24.9 74.8#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 410.939 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY000433.D

Acq: 25 Oct 2019 16:52

Instrument :

MSVOA_Y

ClientSampled :

164-10-(1)

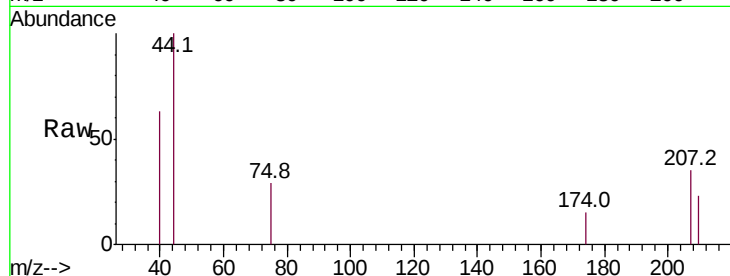
Tot Ion: 75 Resp: 97

Ion Ratio Lower Upper

75 100

53 0.0 71.3 106.9#

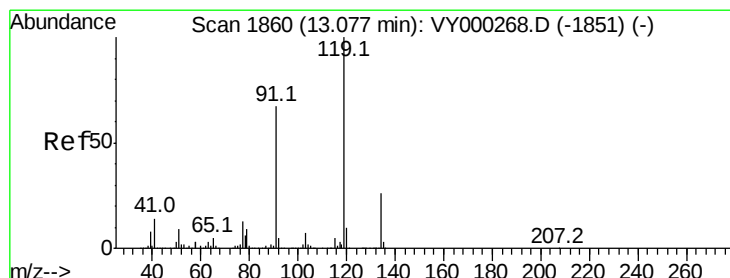
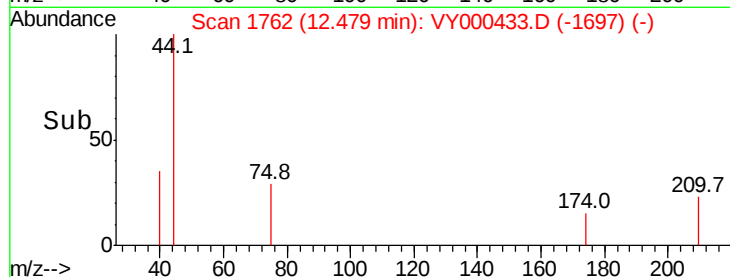
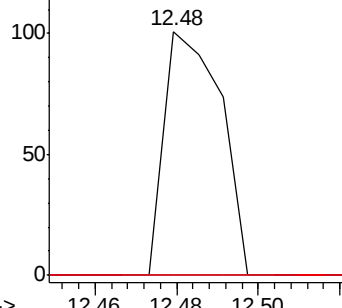
89 0.0 35.1 52.7#



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0



#83

tert-Butylbenzene

Concen: 21.501 ug/l

RT: 13.27 min Scan# 1892

Delta R.T. 0.20 min

Lab File: VY000433.D

Acq: 25 Oct 2019 16:52

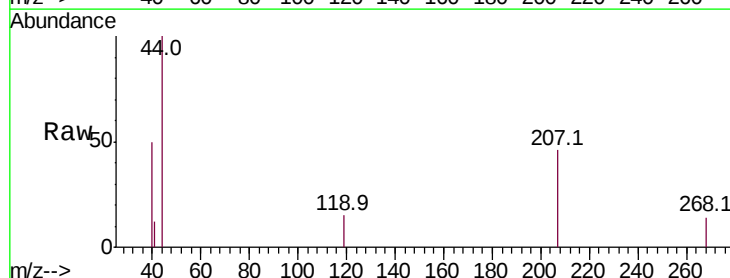
Tgt Ion: 119 Resp: 50

Ion Ratio Lower Upper

119 100

91 0.0 32.9 98.7#

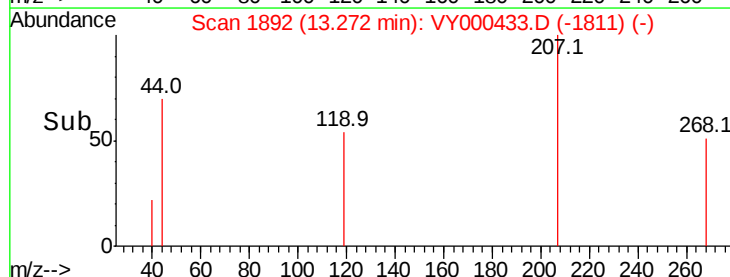
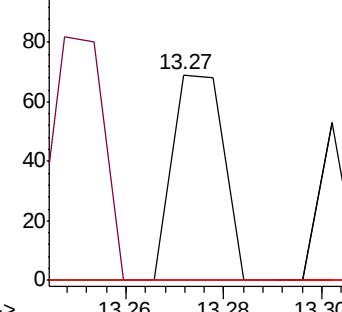
134 0.0 13.3 39.8#

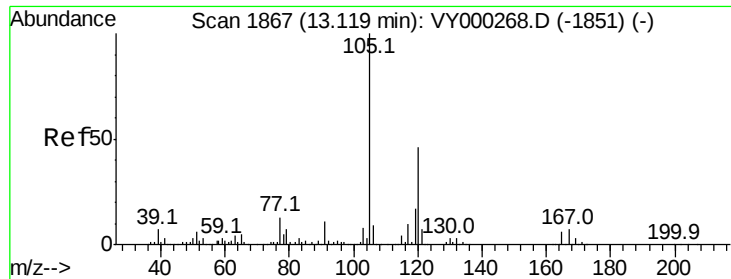


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VY0

Ion 134.00 (133.70 to 134.70): V

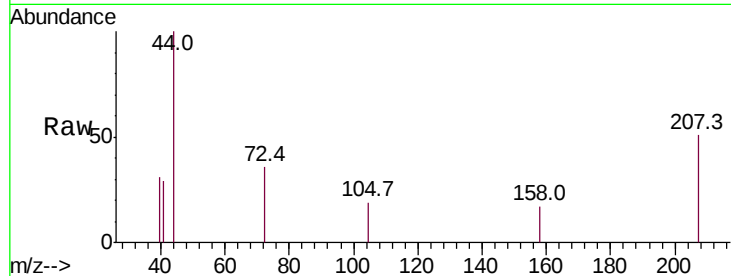




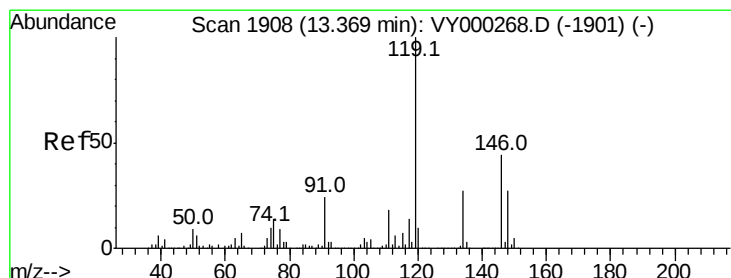
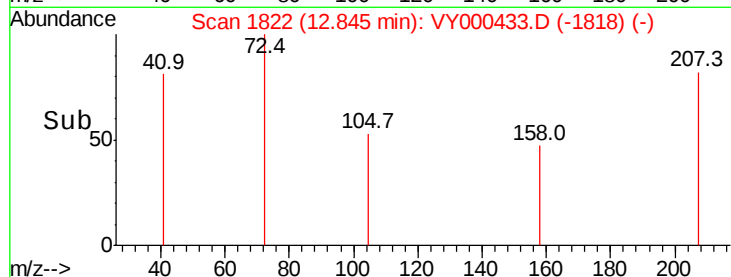
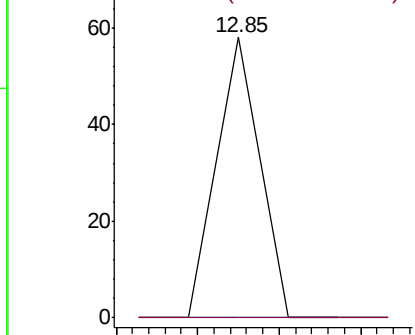
#84
 1,2,4-Trimethylbenzene
 Concen: 7.748 ug/l
 RT: 12.85 min Scan# 1822
 Delta R.T. -0.27 min
 Lab File: VY000433.D
 Acq: 25 Oct 2019 16:52

Instrument :
 MSVOA_Y
 ClientSampleId :
 164-10-(1)

Tot Ion:105 Resp: 21
 Ion Ratio Lower Upper
 105 100
 120 0.0 22.9 68.8#

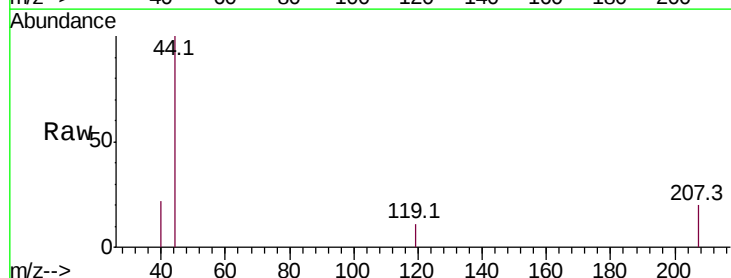


Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V

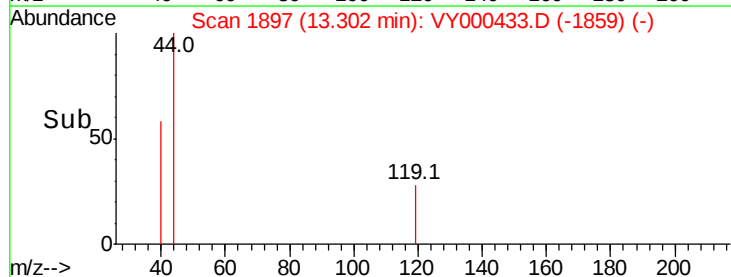
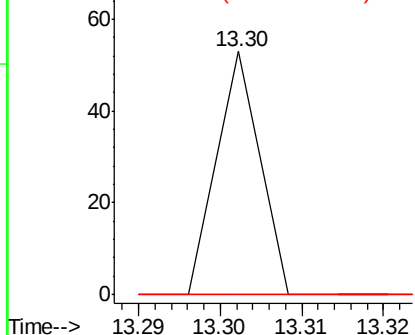


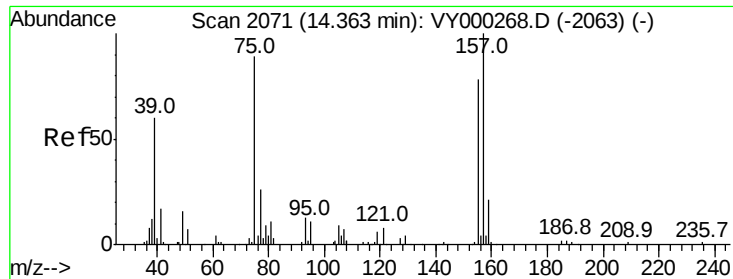
#86
 p-Isopropyltoluene
 Concen: 6.478 ug/l
 RT: 13.30 min Scan# 1897
 Delta R.T. -0.07 min
 Lab File: VY000433.D
 Acq: 25 Oct 2019 16:52

Tgt Ion:119 Resp: 19
 Ion Ratio Lower Upper
 119 100
 134 0.0 13.6 40.8#
 91 0.0 12.0 36.1#



Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 134.00 (133.70 to 134.70): V
 Ion 91.00 (90.70 to 91.70): VY0





#92

1,2-Dibromo-3-Chloropropane

Concen: 282.979 ug/l

RT: 14.28 min Scan# 2058

Delta R.T. -0.08 min

Lab File: VY000433.D

Acq: 25 Oct 2019 16:52

Instrument :

MSVOA_Y

ClientSampleId :

164-10-(1)

Tot Ion: 75 Resp: 33

Ion Ratio Lower Upper

75 100

155 0.0 45.8 137.3#

157 0.0 55.6 166.9#

