

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY102319\
 Data File : VY000383.D
 Acq On : 23 Oct 2019 16:00
 Operator : SY/MD
 Sample : K5494-02MS
 Misc : 6.58G/5ML/MSVOA Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 24 04:45:46 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	221536	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	358260	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	317634	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	142543	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	122079	52.24	ug/l	0.00
Spiked Amount			Recovery	=	104.48%	
35) Dibromofluoromethane	7.73	113	109033	50.45	ug/l	0.00
Spiked Amount			Recovery	=	100.90%	
50) Toluene-d8	10.18	98	432545	52.03	ug/l	0.00
Spiked Amount			Recovery	=	104.06%	
62) 4-Bromofluorobenzene	12.48	95	146801	46.48	ug/l	0.00
Spiked Amount			Recovery	=	92.96%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.90	85	77445	43.710	ug/l	96
3) Chloromethane	2.11	50	143695	53.081	ug/l	95
4) Vinyl Chloride	2.25	62	126305	46.231	ug/l	90
5) Bromomethane	2.65	94	71333	35.230	ug/l	100
6) Chloroethane	2.79	64	85006	48.222	ug/l	93
7) Trichlorofluoromethane	3.13	101	186558	49.920	ug/l	99
8) Diethyl Ether	3.54	74	72921	55.234	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.90	101	116788	51.530	ug/l	98
10) Methyl Iodide	4.10	142	117861	36.830	ug/l	99
11) Tert butyl alcohol	4.97	59	61205	250.272	ug/l	99
12) 1,1-Dichloroethene	3.87	96	110715	49.483	ug/l	95
13) Acrolein	3.74	56	29792	103.908	ug/l	98
14) Allyl chloride	4.48	41	194898	52.564	ug/l	98
15) Acrylonitrile	5.18	53	189275	256.139	ug/l	96
16) Acetone	3.95	43	173368	229.088	ug/l	100
17) Carbon Disulfide	4.19	76	298049	42.308	ug/l	98
18) Methyl Acetate	4.48	43	234893	124.924	ug/l	96
19) Methyl tert-butyl Ether	5.23	73	351247	56.393	ug/l	98
20) Methylene Chloride	4.72	84	129087	50.702	ug/l	98
21) trans-1,2-Dichloroethene	5.22	96	124332	48.434	ug/l #	87
22) Diisopropyl ether	6.13	45	426152	54.341	ug/l	91
23) Vinyl Acetate	6.07	43	253948	49.636	ug/l	98
24) 1,1-Dichloroethane	6.03	63	226795	52.982	ug/l	98
25) 2-Butanone	7.00	43	263037	246.739	ug/l	99
26) 2,2-Dichloropropane	6.99	77	202764	51.406	ug/l	100
27) cis-1,2-Dichloroethene	6.99	96	146482	52.734	ug/l	98
28) Bromochloromethane	7.35	49	93641	50.958	ug/l	96
29) Tetrahydrofuran	7.36	42	170623	264.094	ug/l	98
30) Chloroform	7.52	83	239814	55.630	ug/l	98
31) Cyclohexane	7.80	56	208403	46.614	ug/l	99
32) 1,1,1-Trichloroethane	7.71	97	208789	54.478	ug/l	99
36) 1,1-Dichloropropene	7.93	75	173765	49.540	ug/l	98
37) Ethyl Acetate	7.08	43	79743	38.395	ug/l	98
38) Carbon Tetrachloride	7.91	117	181653	53.488	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY102319\
 Data File : VY000383.D
 Acq On : 23 Oct 2019 16:00
 Operator : SY/MD
 Sample : K5494-02MS
 Misc : 6.58G/5ML/MSVOA Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 24 04:45:46 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)
39) Methylcyclohexane	9.19	83	219339	47.778	ug/l	97
40) Benzene	8.17	78	542778	53.547	ug/l	99
41) Methacrylonitrile	7.36	41	152656	154.414	ug/l #	25
42) 1,2-Dichloroethane	8.25	62	160572	55.456	ug/l	99
43) Isopropyl Acetate	8.28	43	181264	45.900	ug/l	98
44) Trichloroethene	8.94	130	147248	51.772	ug/l	98
45) 1,2-Dichloropropane	9.22	63	139552	56.100	ug/l	95
46) Dibromomethane	9.32	93	77813	55.957	ug/l	95
47) Bromodichloromethane	9.50	83	187403	57.184	ug/l	99
48) Methyl methacrylate	9.30	41	114662	66.252	ug/l	99
49) 1,4-Dioxane	9.30	88	22167	1063.162	ug/l	94
51) 4-Methyl-2-Pentanone	10.08	43	574821	282.213	ug/l	99
52) Toluene	10.25	92	341711	53.097	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	190110	54.129	ug/l	97
54) cis-1,3-Dichloropropene	9.93	75	218387	54.753	ug/l	99
55) 1,1,2-Trichloroethane	10.65	97	112957	55.868	ug/l	96
56) Ethyl methacrylate	10.51	69	119302	41.397	ug/l	99
57) 1,3-Dichloropropane	10.79	76	194656	56.059	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.79	63	349385	303.948	ug/l	99
59) 2-Hexanone	10.83	43	399551	279.469	ug/l	99
60) Dibromochloromethane	10.99	129	129114	57.615	ug/l	97
61) 1,2-Dibromoethane	11.09	107	105204	54.192	ug/l	98
64) Tetrachloroethene	10.72	164	150154	49.655	ug/l	99
65) Chlorobenzene	11.52	112	357950	53.398	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	134769	57.232	ug/l	100
67) Ethyl Benzene	11.60	91	657286	52.893	ug/l	100
68) m/p-Xylenes	11.70	106	506540	106.628	ug/l	100
69) o-Xylene	12.03	106	241666	53.326	ug/l	100
70) Styrene	12.04	104	402548	52.669	ug/l	99
71) Bromoform	12.20	173	76875	56.789	ug/l	100
73) Isopropylbenzene	12.33	105	644376	57.976	ug/l	100
74) N-amyl acetate	12.14	43	89255	32.711	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	128805	61.723	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	178040	101.575	ug/l #	100
77) Bromobenzene	12.61	156	144773	58.536	ug/l	92
78) n-propylbenzene	12.67	91	748422	56.084	ug/l	99
79) 2-Chlorotoluene	12.75	91	427977	58.072	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	534579	57.359	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	47688	59.528	ug/l	99
82) 4-Chlorotoluene	12.85	91	431038	55.330	ug/l	100
83) tert-Butylbenzene	13.08	119	462580	58.611	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	535907	58.261	ug/l	100
85) sec-Butylbenzene	13.25	105	636071	55.711	ug/l	100
86) p-Isopropyltoluene	13.37	119	559400	56.200	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	259794	53.313	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	254425	52.236	ug/l	99
89) n-Butylbenzene	13.69	91	501995	51.034	ug/l	99
90) Hexachloroethane	13.96	117	109173	59.231	ug/l	98
91) 1,2-Dichlorobenzene	13.74	146	243230	55.155	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	22935	57.949	ug/l	95

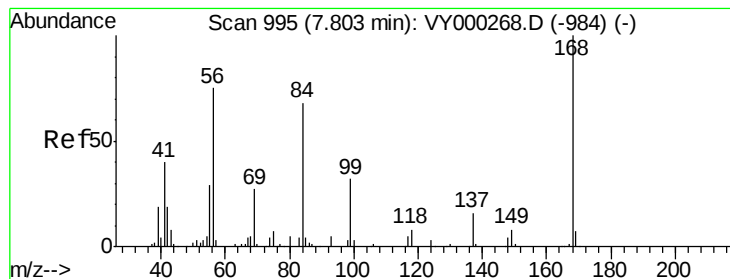
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY102319\
Data File : VY000383.D
Acq On : 23 Oct 2019 16:00
Operator : SY/MD
Sample : K5494-02MS
Misc : 6.58G/5ML/MSVOA Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Oct 24 04:45:46 2019
Quant Method : Z:\V0ASRV\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)
93) 1,2,4-Trichlorobenzene	15.00	180	125281	40.803	ug/l	100
94) Hexachlorobutadiene	15.11	225	65582	39.469	ug/l	99
95) Naphthalene	15.23	128	297499	43.418	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	110148	39.805	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.00 min

Lab File: VY000383.D

Acq: 23 Oct 2019 16:00

Instrument :

MSVOA_Y

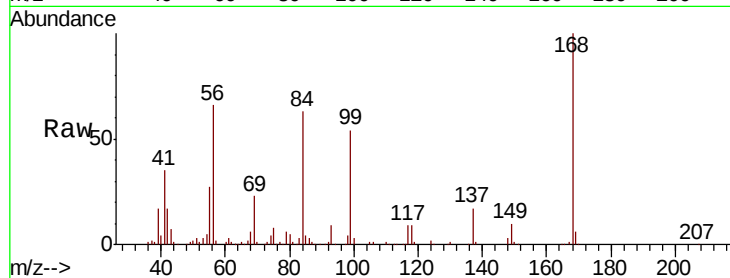
ClientSampleId :

Tot Ion:168 Resp: 221536

Ion Ratio Lower Upper

168 100

99 54.5 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): VY000383.D (-946) (-)

Ion 98.90 (98.60 to 99.60): VY000383.D (-946) (-)

7.80

100000

80000

60000

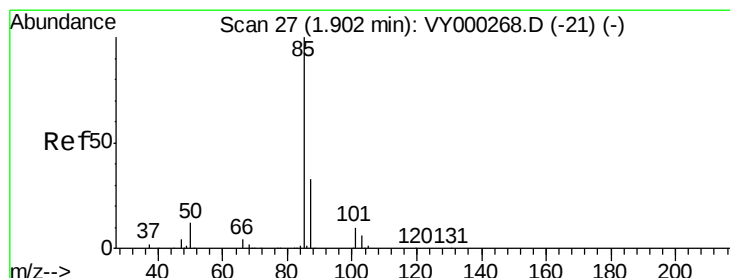
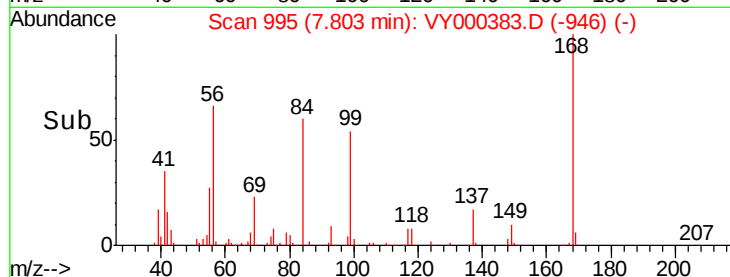
40000

20000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 43.710 ug/l

RT: 1.90 min Scan# 27

Delta R.T. 0.00 min

Lab File: VY000383.D

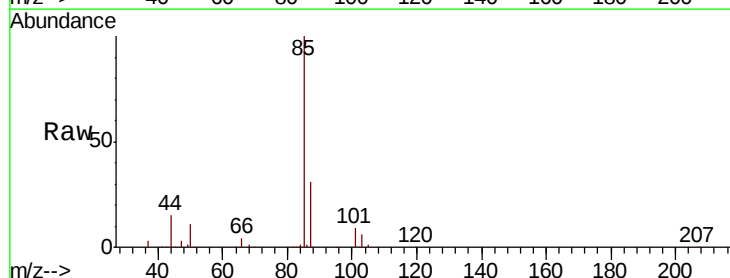
Acq: 23 Oct 2019 16:00

Tgt Ion: 85 Resp: 77445

Ion Ratio Lower Upper

85 100

87 31.0 16.6 49.8



Abundance Ion 84.90 (84.60 to 85.60): VY000383.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY000383.D (-1) (-)

1.90

50000

40000

30000

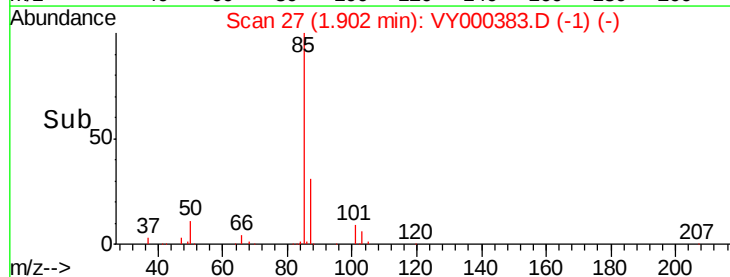
20000

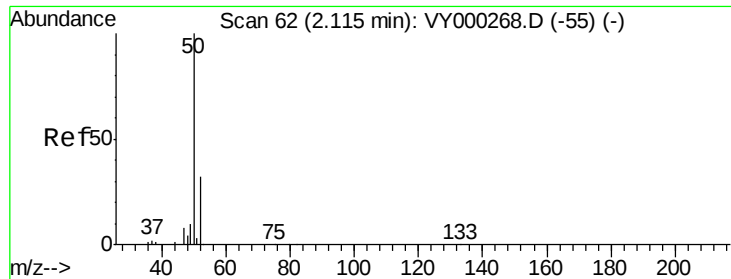
10000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 53.081 ug/l

RT: 2.11 min Scan# 61

Delta R.T. -0.01 min

Lab File: VY000383.D

Acq: 23 Oct 2019 16:00

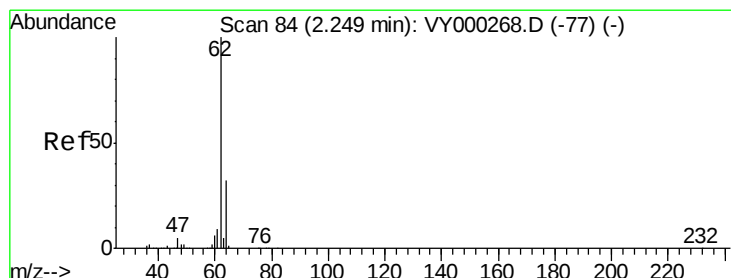
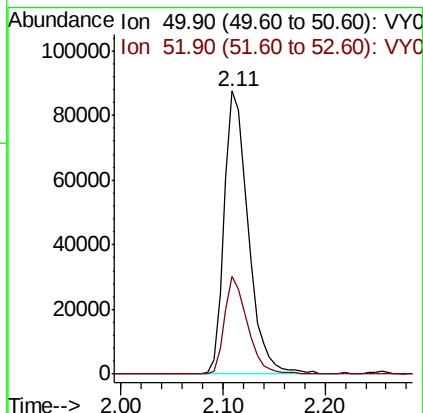
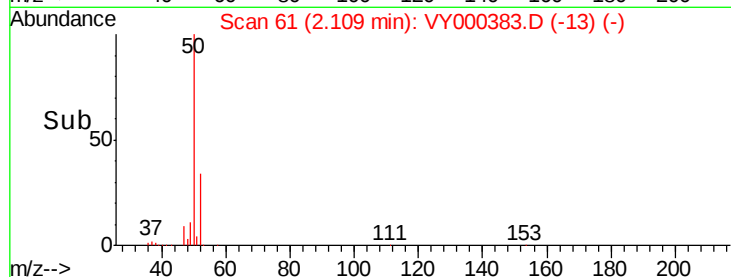
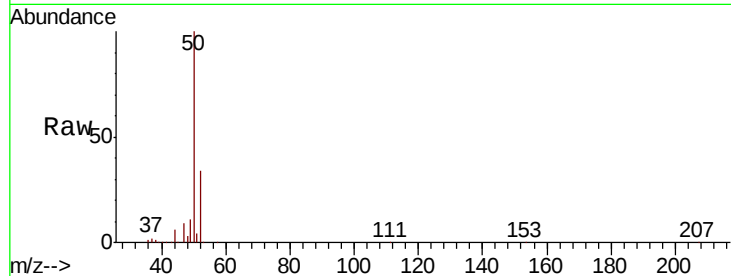
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 50 Resp: 143695

Ion Ratio Lower Upper

50 100

52 34.4 25.3 37.9



#4

Vinyl Chloride

Concen: 46.231 ug/l

RT: 2.25 min Scan# 84

Delta R.T. -0.00 min

Lab File: VY000383.D

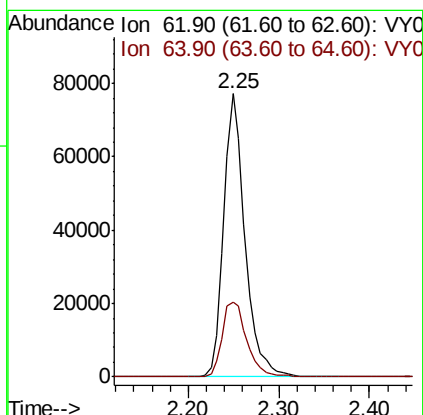
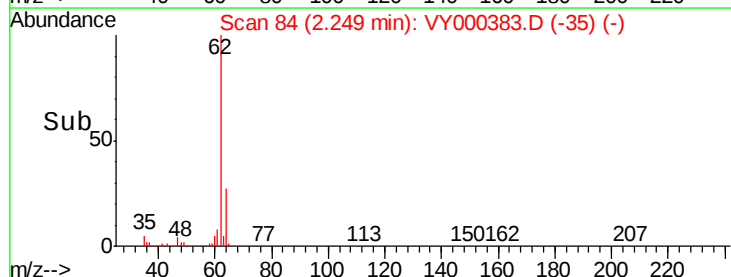
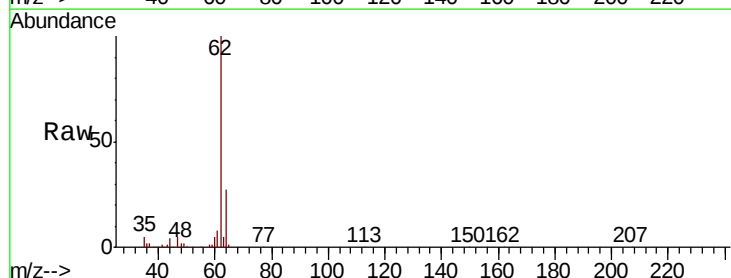
Acq: 23 Oct 2019 16:00

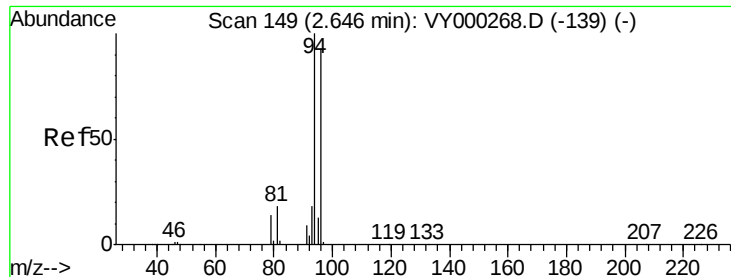
Tgt Ion: 62 Resp: 126305

Ion Ratio Lower Upper

62 100

64 26.6 25.6 38.4





#5

Bromomethane

Concen: 35.230 ug/l

RT: 2.65 min Scan# 149

Delta R.T. 0.00 min

Lab File: VY000383.D

Acq: 23 Oct 2019 16:00

Instrument :

MSVOA_Y

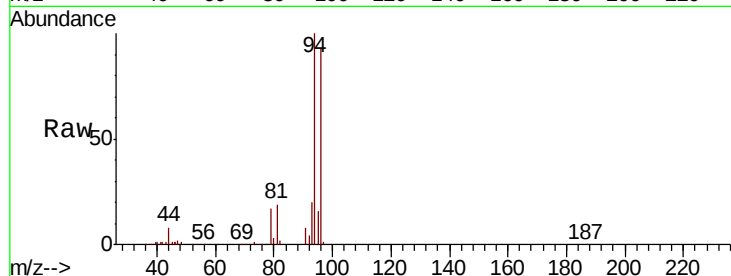
ClientSampleId :

Tot Ion: 94 Resp: 71333

Ion Ratio Lower Upper

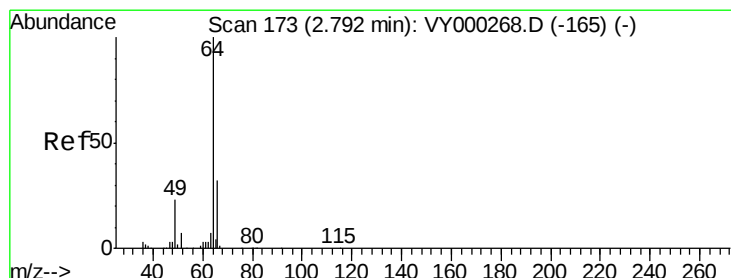
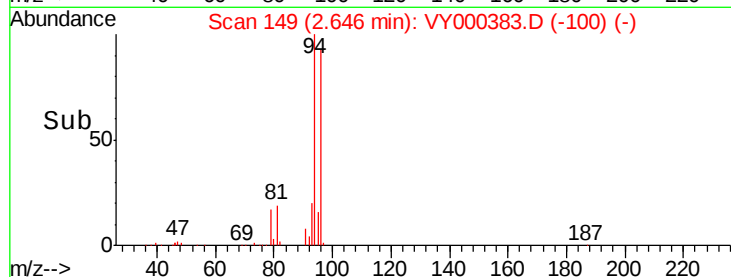
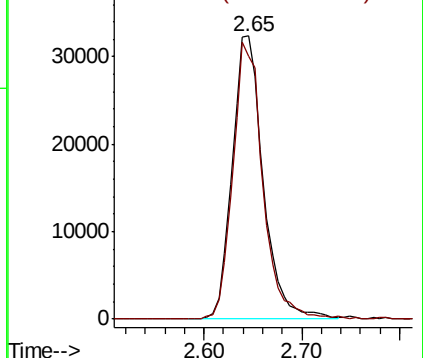
94 100

96 93.0 74.2 111.2



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 48.222 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.00 min

Lab File: VY000383.D

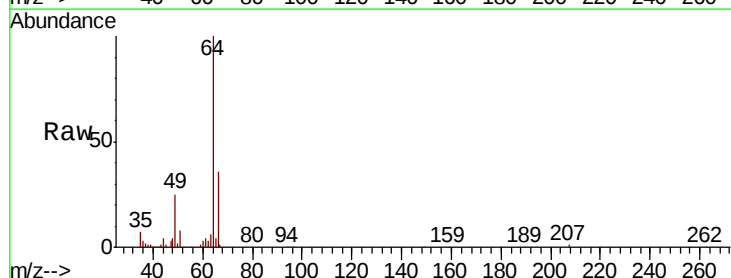
Acq: 23 Oct 2019 16:00

Tgt Ion: 64 Resp: 85006

Ion Ratio Lower Upper

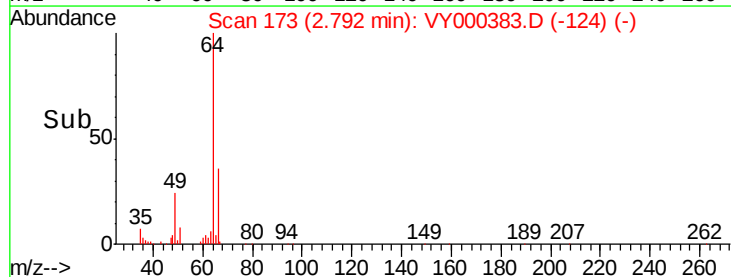
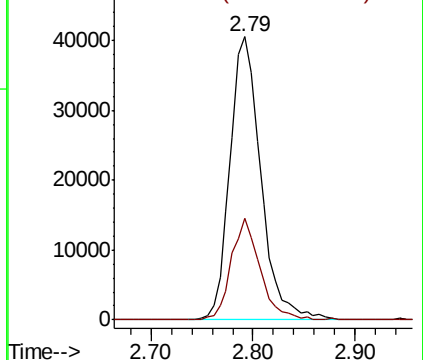
64 100

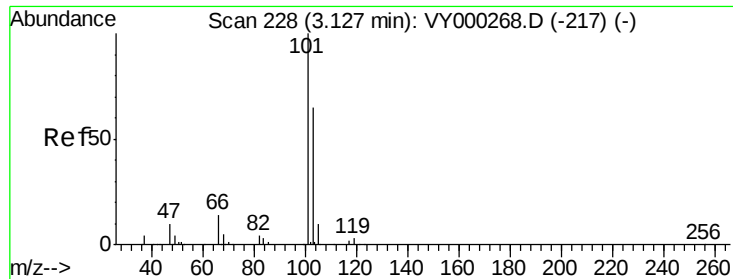
66 35.8 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



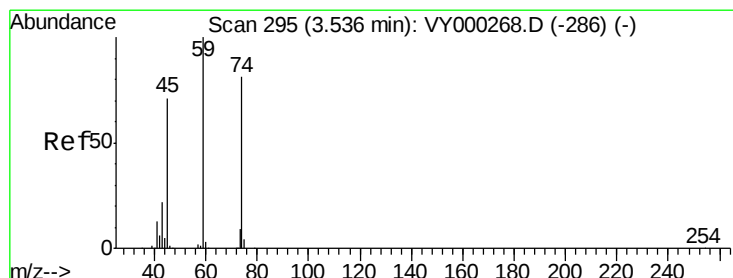
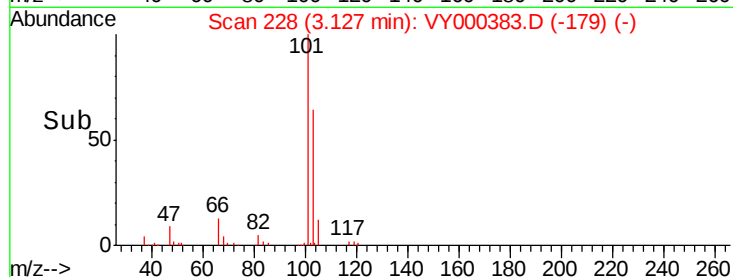
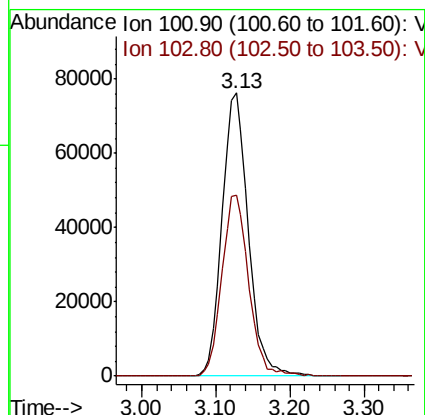
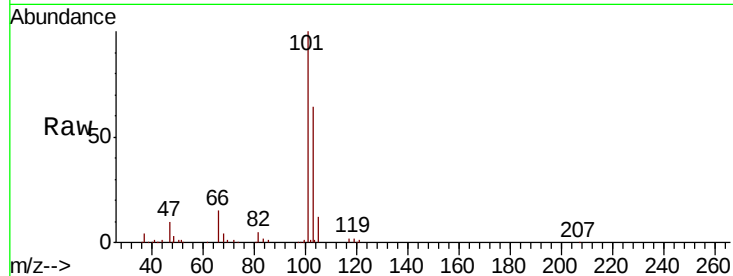


#7

Trichlorofluoromethane
 Concen: 49.920 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. -0.00 min
 Lab File: VY000383.D
 Acq: 23 Oct 2019 16:00

Instrument :
 MSVOA_Y
 ClientSampleId :

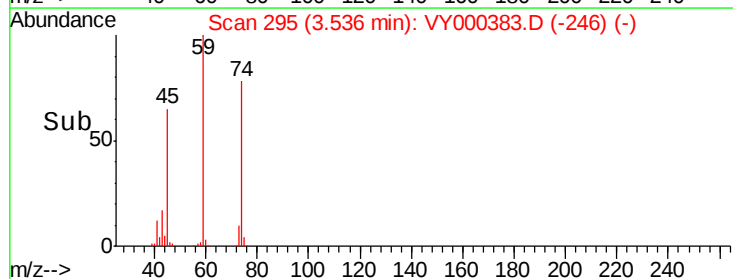
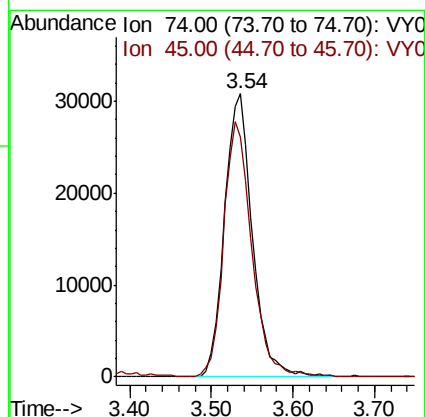
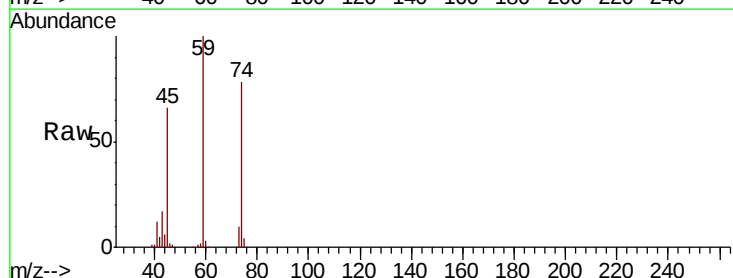
Tot Ion:101 Resp: 186558
 Ion Ratio Lower Upper
 101 100
 103 64.2 52.2 78.4

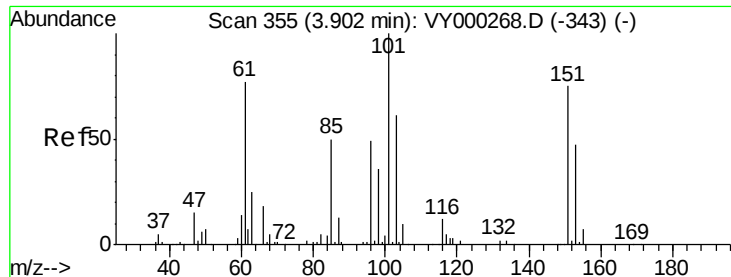


#8

Diethyl Ether
 Concen: 55.234 ug/l
 RT: 3.54 min Scan# 295
 Delta R.T. -0.00 min
 Lab File: VY000383.D
 Acq: 23 Oct 2019 16:00

Tgt Ion: 74 Resp: 72921
 Ion Ratio Lower Upper
 74 100
 45 90.8 47.1 141.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.530 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.00 min

Lab File: VY000383.D

Acq: 23 Oct 2019 16:00

Instrument :

MSVOA_Y

ClientSampleId :

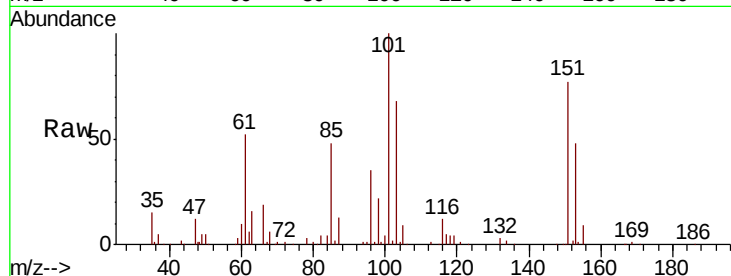
Tot Ion:101 Resp: 116788

Ion Ratio Lower Upper

101 100

85 44.9 36.6 55.0

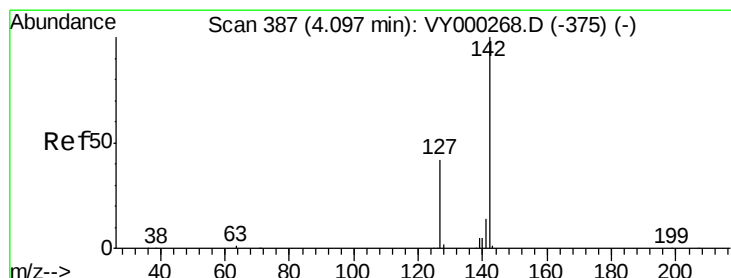
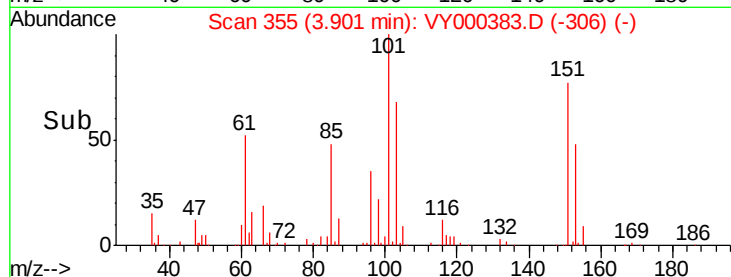
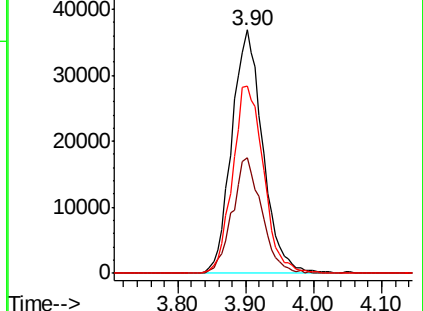
151 77.0 63.1 94.7



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 36.830 ug/l

RT: 4.10 min Scan# 387

Delta R.T. 0.00 min

Lab File: VY000383.D

Acq: 23 Oct 2019 16:00

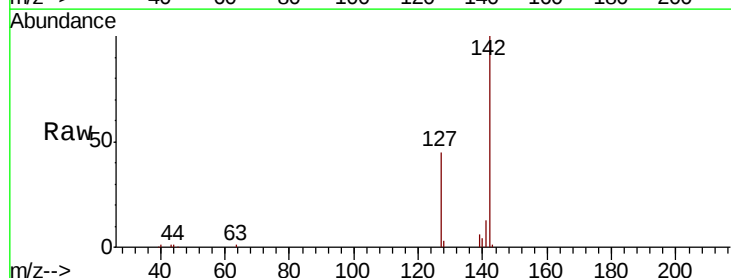
Tgt Ion:142 Resp: 117861

Ion Ratio Lower Upper

142 100

127 43.3 33.9 50.9

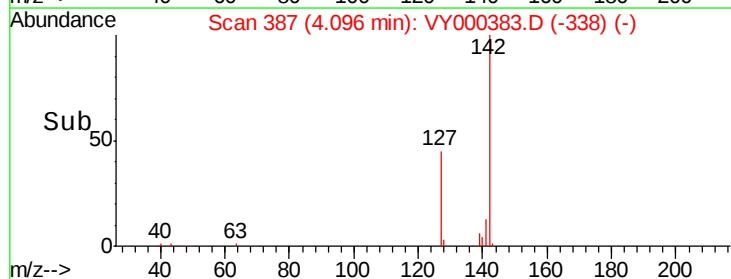
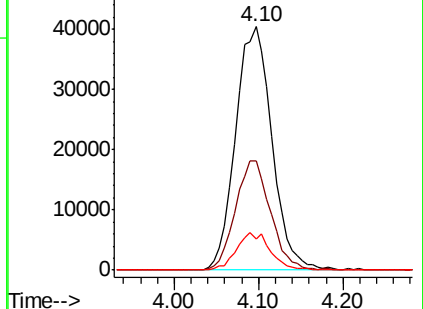
141 14.5 11.2 16.8

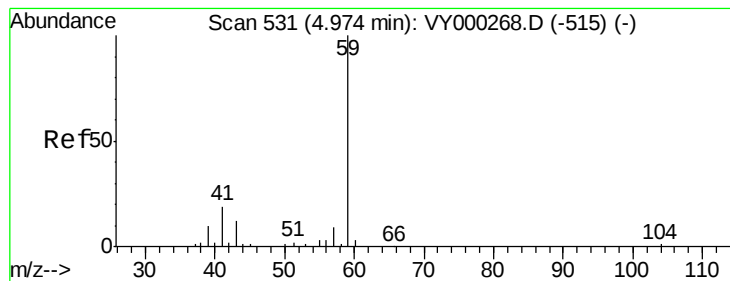


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



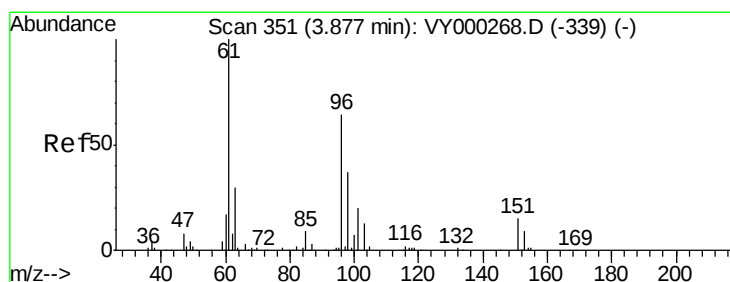
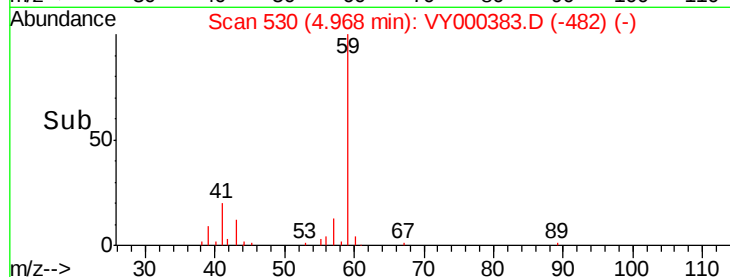
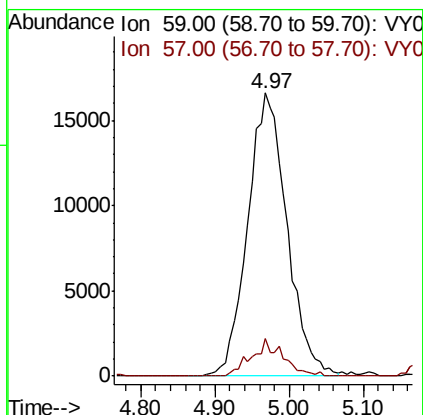
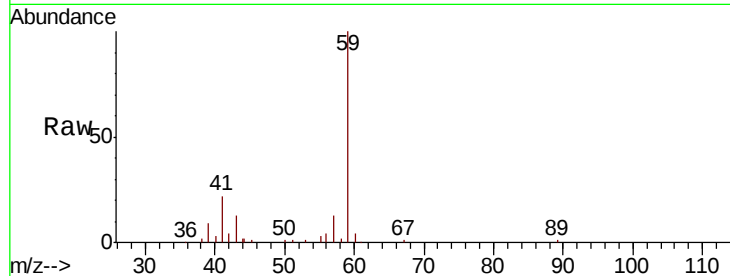


#11

Tert butyl alcohol
 Concen: 250.272 ug/l
 RT: 4.97 min Scan# 530
 Delta R.T. -0.01 min
 Lab File: VY000383.D
 Acq: 23 Oct 2019 16:00

Instrument :
 MSVOA_Y
 ClientSampleId :

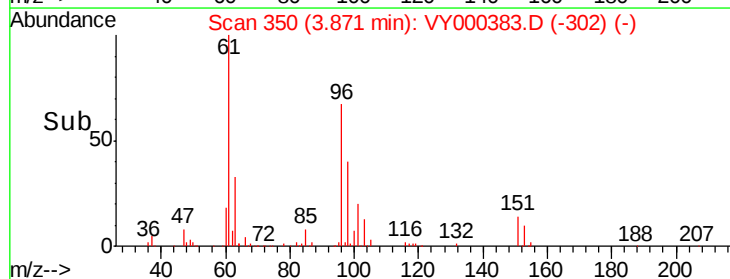
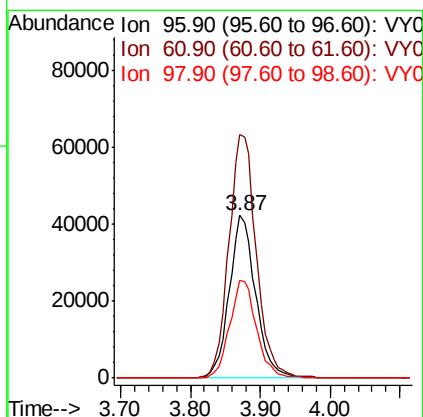
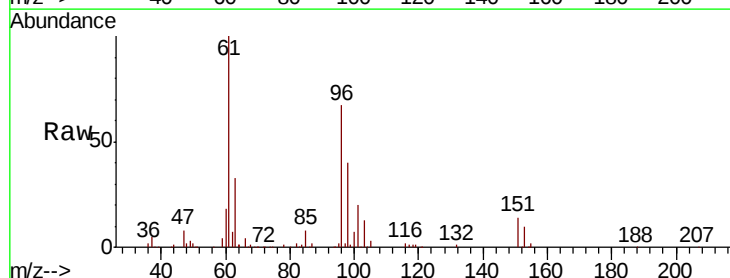
Tot Ion: 59 Resp: 61205
 Ion Ratio Lower Upper
 59 100
 57 10.4 8.2 12.2

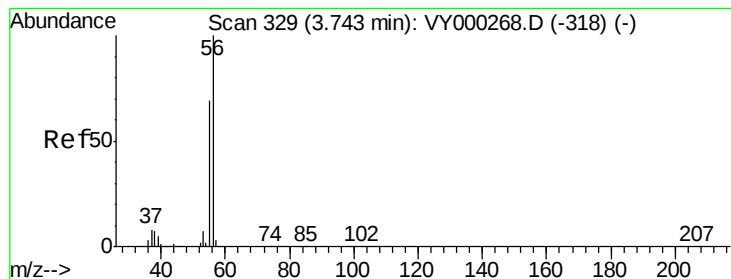


#12

1,1-Dichloroethene
 Concen: 49.483 ug/l
 RT: 3.87 min Scan# 350
 Delta R.T. -0.01 min
 Lab File: VY000383.D
 Acq: 23 Oct 2019 16:00

Tgt Ion: 96 Resp: 110715
 Ion Ratio Lower Upper
 96 100
 61 149.6 125.8 188.6
 98 59.7 46.2 69.2





#13

Acrolein

Concen: 103.908 ug/l

RT: 3.74 min Scan# 328

Delta R.T. -0.01 min

Lab File: VY000383.D

Acq: 23 Oct 2019 16:00

Instrument :

MSVOA_Y

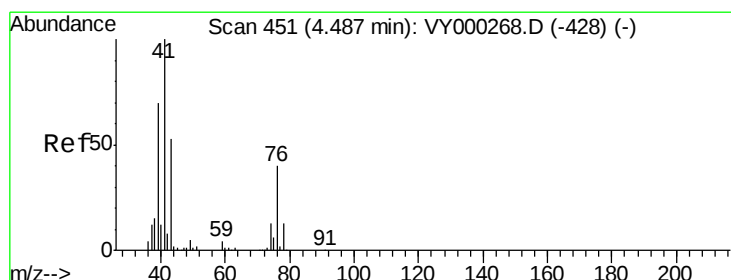
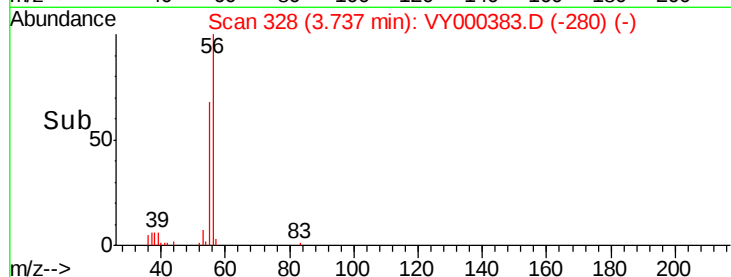
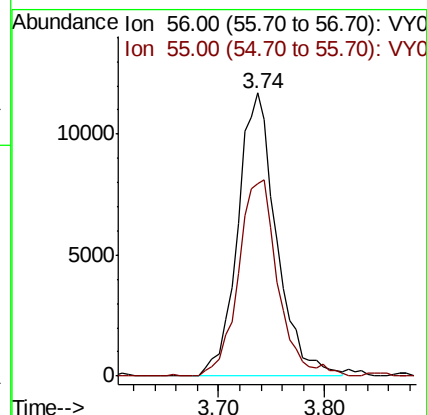
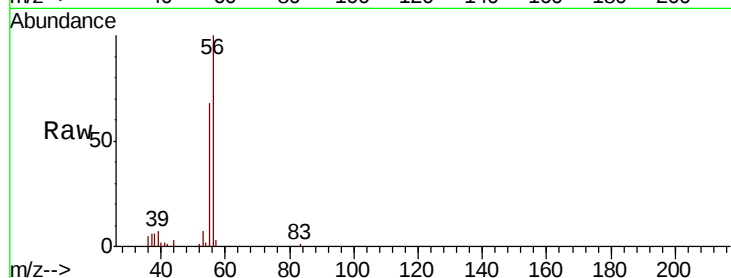
ClientSampleId :

Tot Ion: 56 Resp: 29792

Ion Ratio Lower Upper

56 100

55 71.0 55.7 83.5



#14

Allyl chloride

Concen: 52.564 ug/l

RT: 4.48 min Scan# 450

Delta R.T. -0.01 min

Lab File: VY000383.D

Acq: 23 Oct 2019 16:00

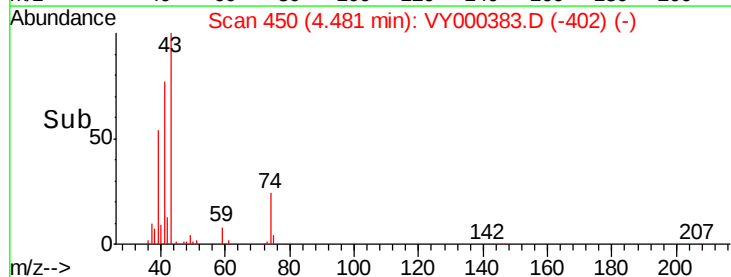
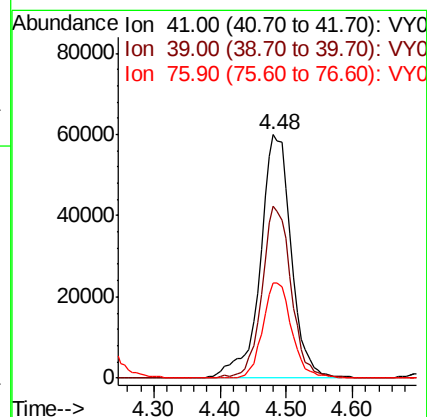
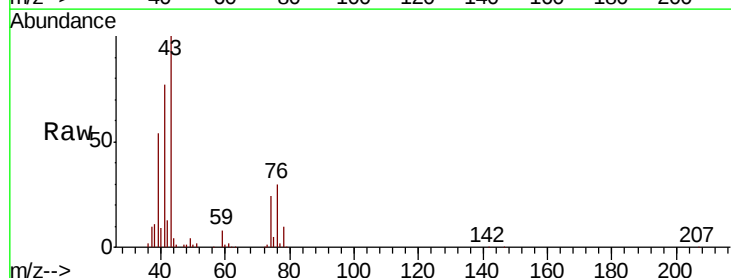
Tgt Ion: 41 Resp: 194898

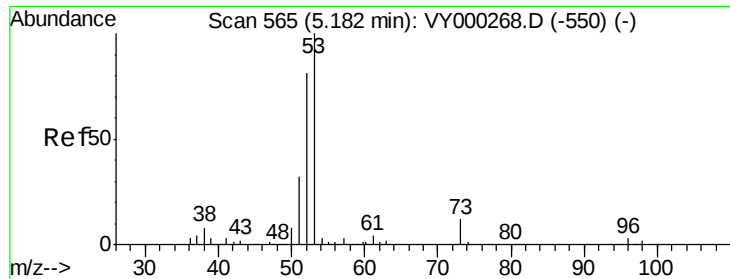
Ion Ratio Lower Upper

41 100

39 66.7 54.0 81.0

76 36.3 30.7 46.1





#15

Acrylonitrile

Concen: 256.139 ug/l

RT: 5.18 min Scan# 564

Delta R.T. -0.01 min

Lab File: VY000383.D

Acq: 23 Oct 2019 16:00

Instrument :

MSVOA_Y

ClientSampleId :

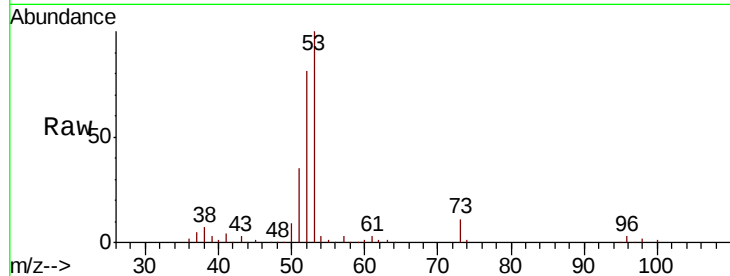
Tot Ion: 53 Resp: 189275

Ion Ratio Lower Upper

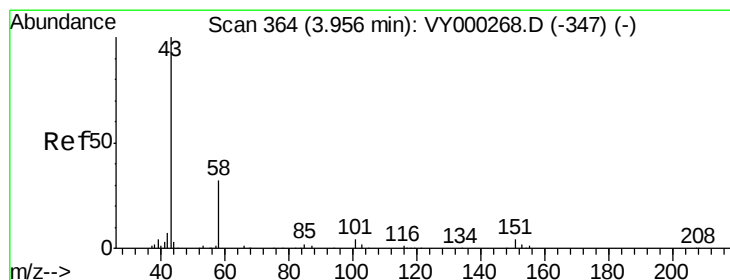
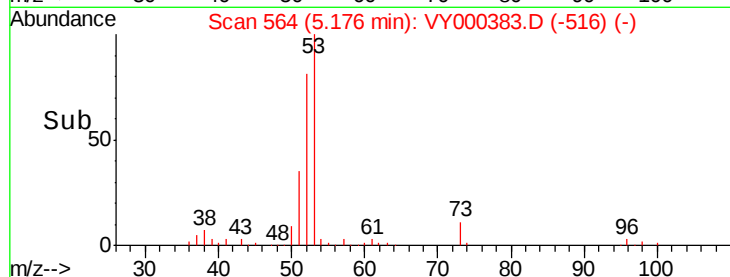
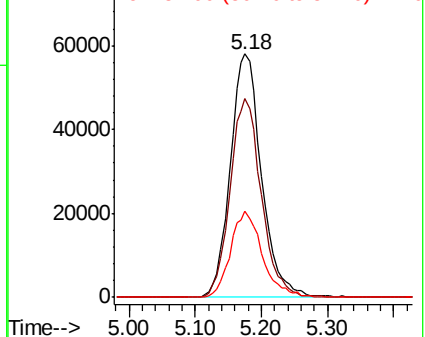
53 100

52 81.7 62.9 94.3

51 36.3 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: 229.088 ug/l

RT: 3.95 min Scan# 363

Delta R.T. -0.01 min

Lab File: VY000383.D

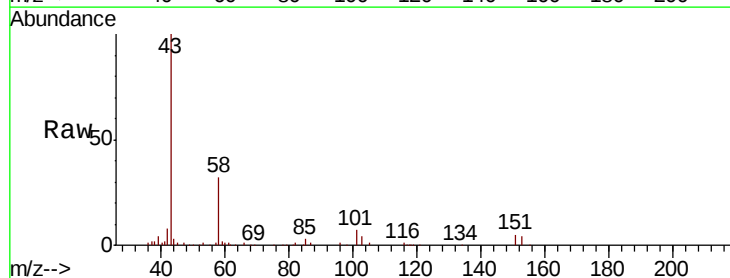
Acq: 23 Oct 2019 16:00

Tgt Ion: 43 Resp: 173368

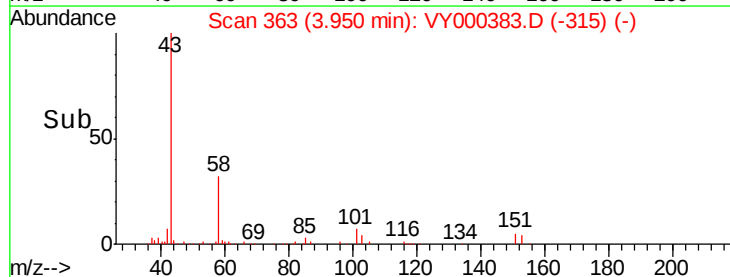
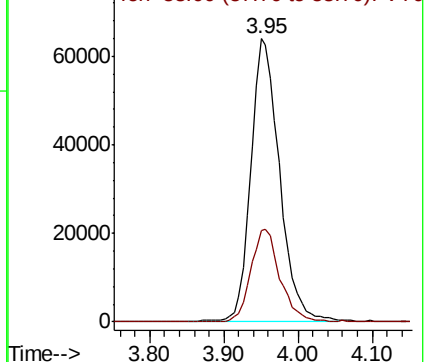
Ion Ratio Lower Upper

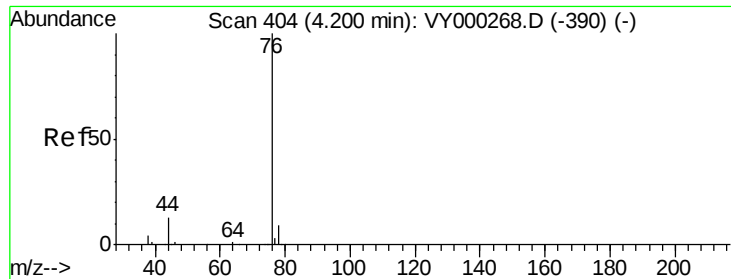
43 100

58 32.2 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

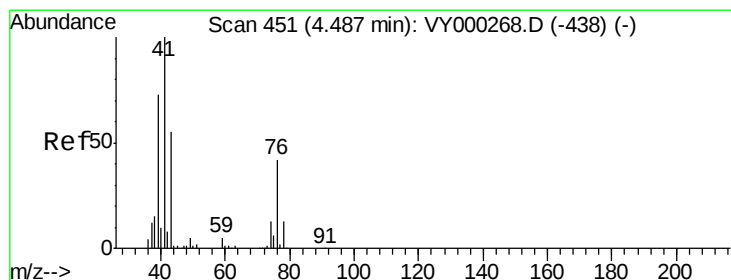
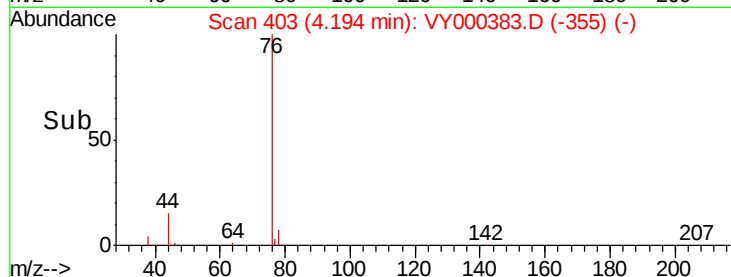
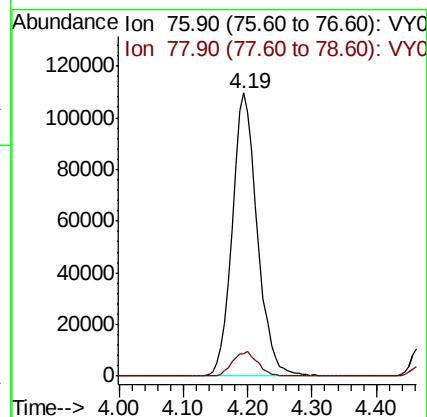
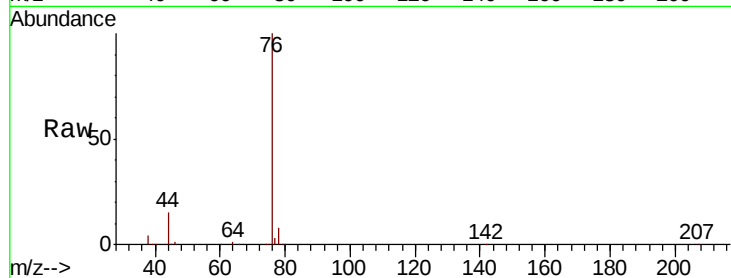




#17
Carbon Disulfide
Concen: 42.308 ug/l
RT: 4.19 min Scan# 403
Delta R.T. -0.01 min
Lab File: VY000383.D
Acq: 23 Oct 2019 16:00

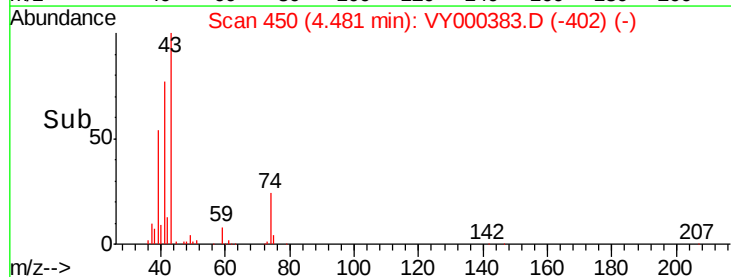
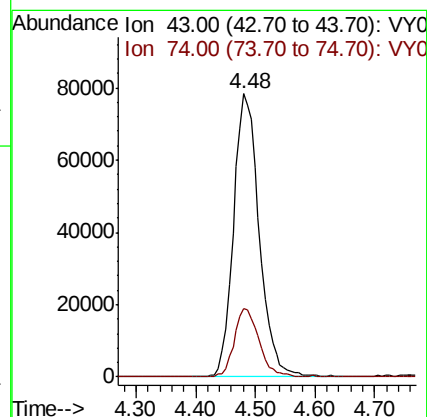
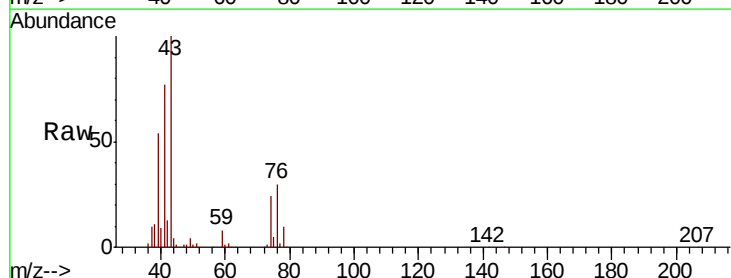
Instrument :
MSVOA_Y
ClientSampleId :

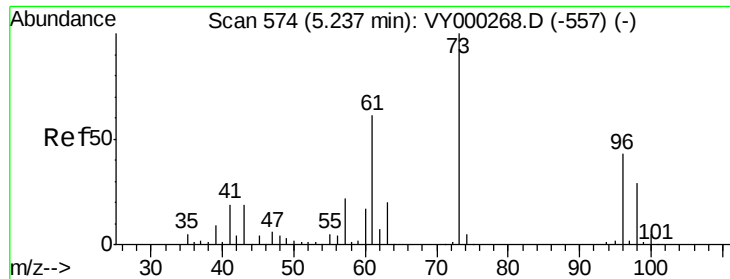
Tot Ion: 76 Resp: 298049
Ion Ratio Lower Upper
76 100
78 8.0 7.0 10.4



#18
Methyl Acetate
Concen: 124.924 ug/l
RT: 4.48 min Scan# 450
Delta R.T. -0.01 min
Lab File: VY000383.D
Acq: 23 Oct 2019 16:00

Tgt Ion: 43 Resp: 234893
Ion Ratio Lower Upper
43 100
74 23.5 20.4 30.6

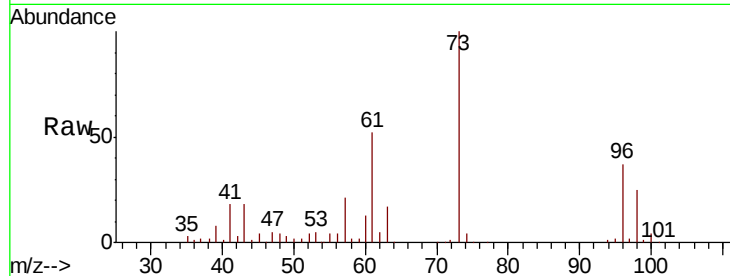




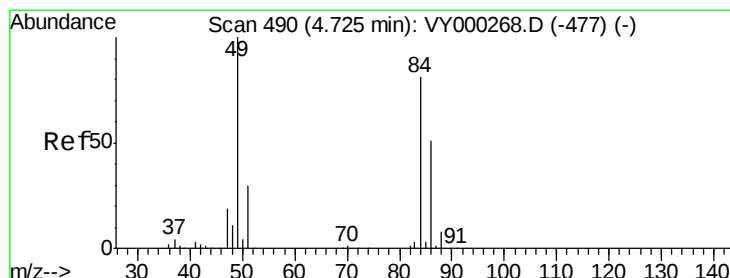
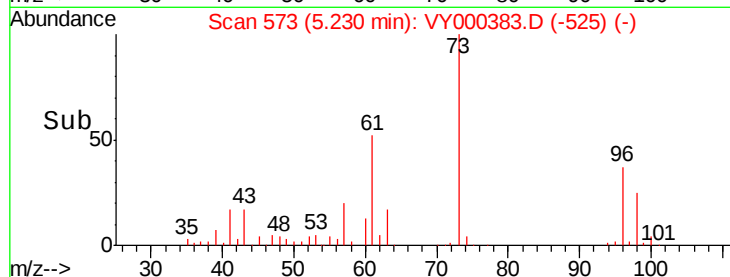
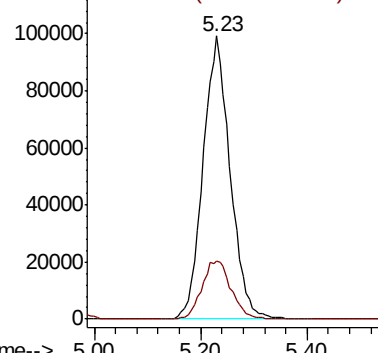
#19
Methyl tert-butyl Ether
Concen: 56.393 ug/l
RT: 5.23 min Scan# 573
Delta R.T. -0.01 min
Lab File: VY000383.D
Acq: 23 Oct 2019 16:00

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 73 Resp: 351247
Ion Ratio Lower Upper
73 100
57 20.7 17.4 26.0

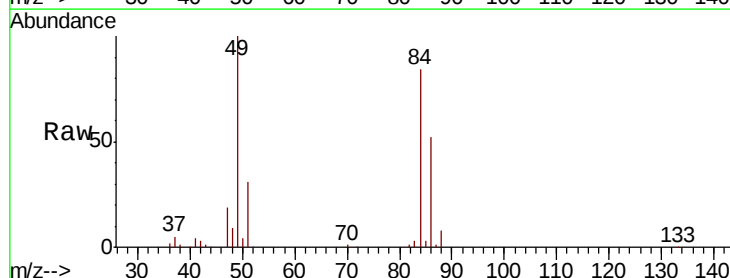


Abundance Ion 73.00 (72.70 to 73.70): VY0
Ion 57.00 (56.70 to 57.70): VY0

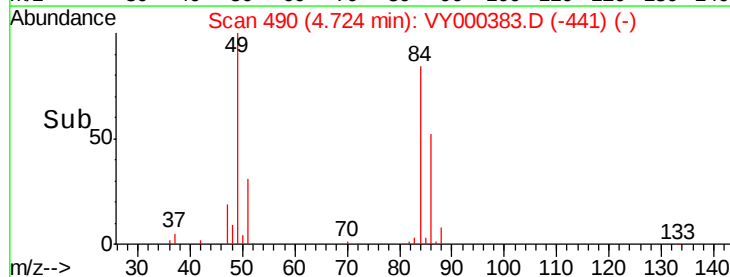
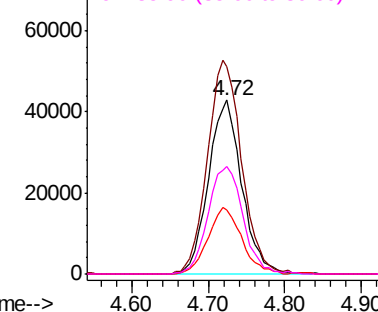


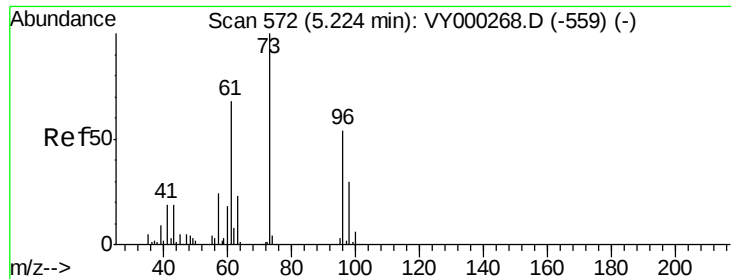
#20
Methylene Chloride
Concen: 50.702 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY000383.D
Acq: 23 Oct 2019 16:00

Tgt Ion: 84 Resp: 129087
Ion Ratio Lower Upper
84 100
49 119.7 99.0 148.4
51 36.5 29.3 43.9
86 61.9 50.2 75.4



Abundance Ion 83.90 (83.60 to 84.60): VY0
Ion 48.90 (48.60 to 49.60): VY0
Ion 50.90 (50.60 to 51.60): VY0
Ion 85.90 (85.60 to 86.60): VY0





#21

trans-1,2-Dichloroethene

Concen: 48.434 ug/l

RT: 5.22 min Scan# 572

Delta R.T. -0.00 min

Lab File: VY000383.D

Acq: 23 Oct 2019 16:00

Instrument :

MSVOA_Y

ClientSampleId :

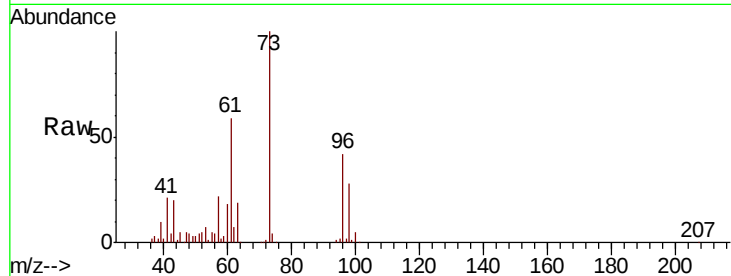
Tot Ion: 96 Resp: 124332

Ion Ratio Lower Upper

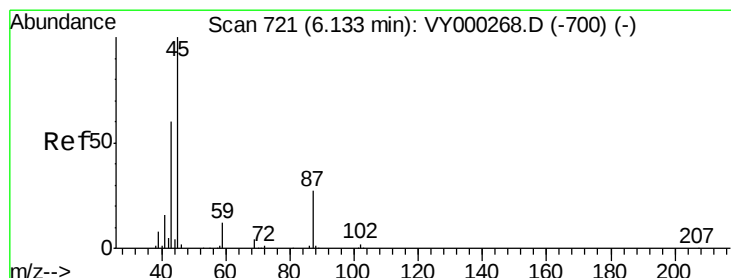
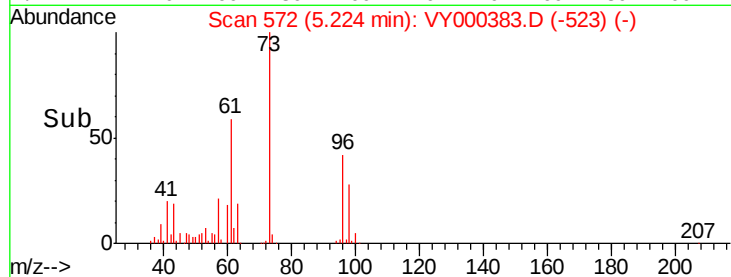
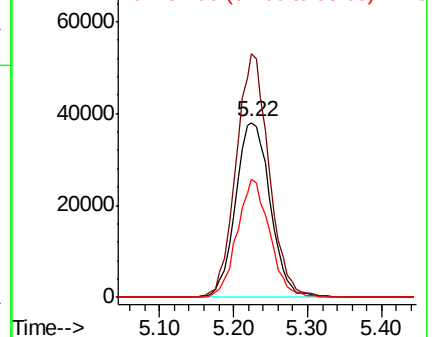
96 100

61 139.0 100.4 150.6

98 67.3 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: 54.341 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.01 min

Lab File: VY000383.D

Acq: 23 Oct 2019 16:00

Tgt Ion: 45 Resp: 426152

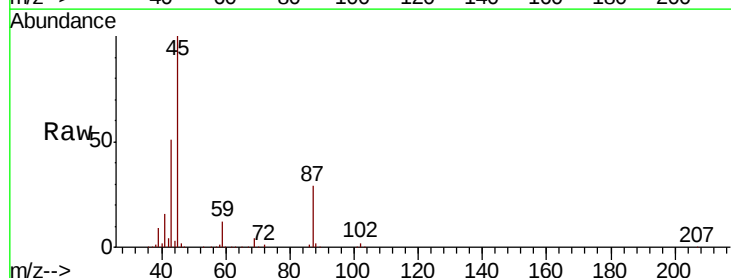
Ion Ratio Lower Upper

45 100

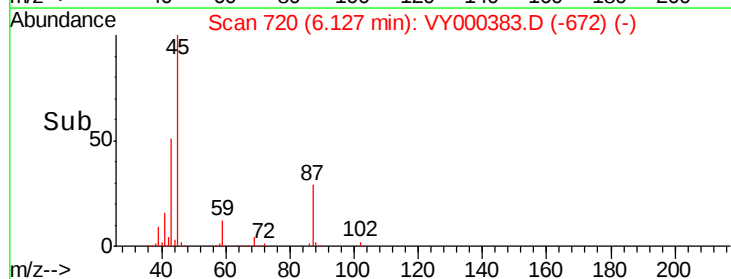
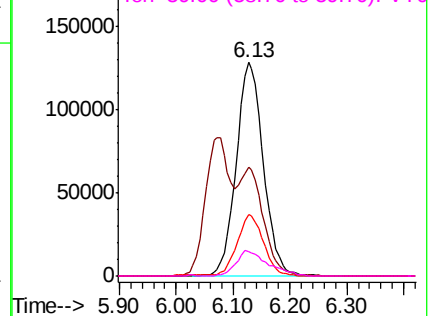
43 50.7 48.5 72.7

87 28.5 21.5 32.3

59 11.7 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

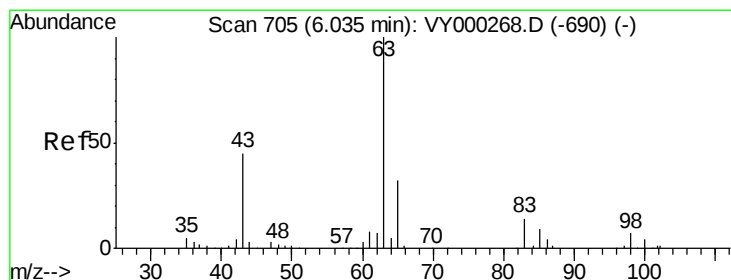
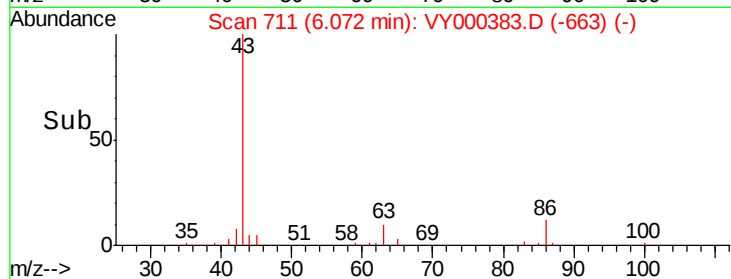
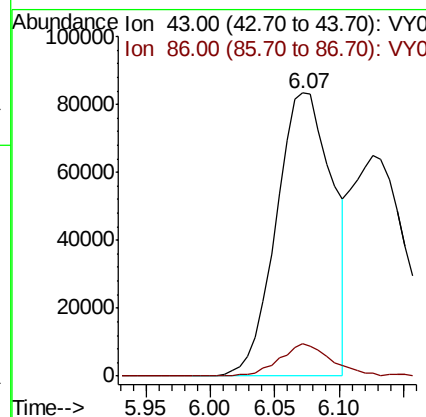
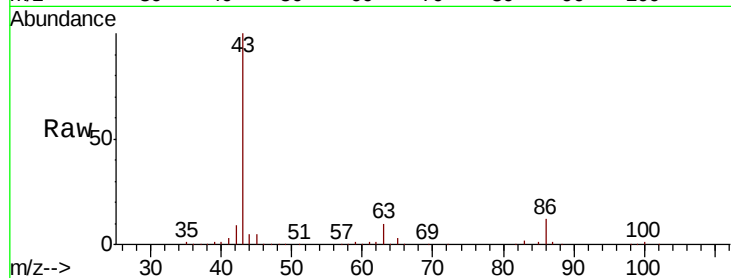




#23
 Vinyl Acetate
 Concen: 49.636 ug/l
 RT: 6.07 min Scan# 711
 Delta R.T. -0.01 min
 Lab File: VY000383.D
 Acq: 23 Oct 2019 16:00

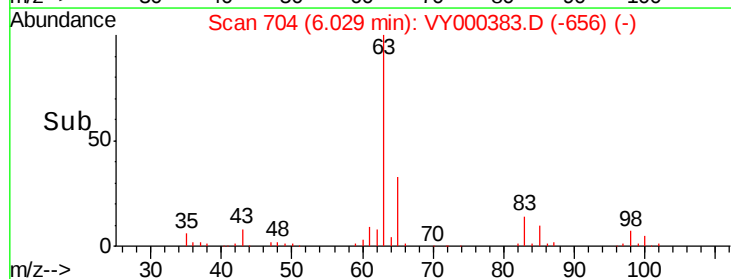
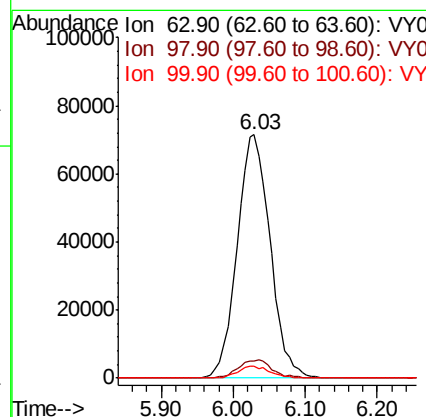
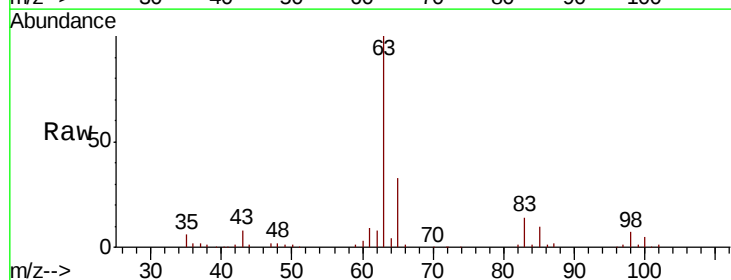
Instrument :
 MSVOA_Y
 ClientSampled :

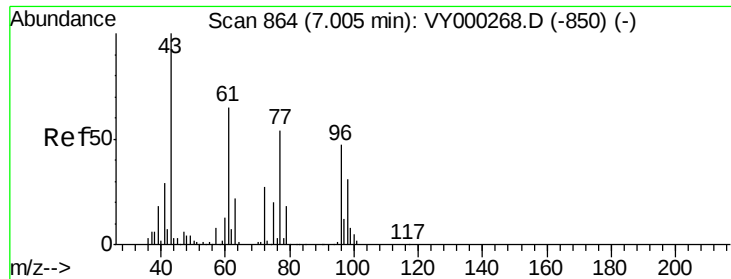
Tot Ion: 43 Resp: 253948
 Ion Ratio Lower Upper
 43 100
 86 11.5 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 52.982 ug/l
 RT: 6.03 min Scan# 704
 Delta R.T. -0.01 min
 Lab File: VY000383.D
 Acq: 23 Oct 2019 16:00

Tgt Ion: 63 Resp: 226795
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.5 10.4
 100 5.0 2.1 6.2





#25

2-Butanone

Concen: 246.739 ug/l

RT: 7.00 min Scan# 863

Delta R.T. -0.01 min

Lab File: VY000383.D

Acq: 23 Oct 2019 16:00

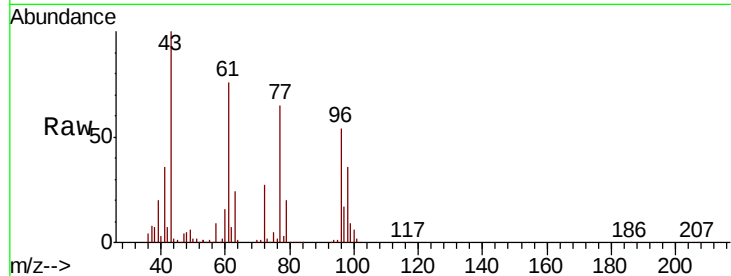
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 43 Resp: 263037

Ion Ratio Lower Upper

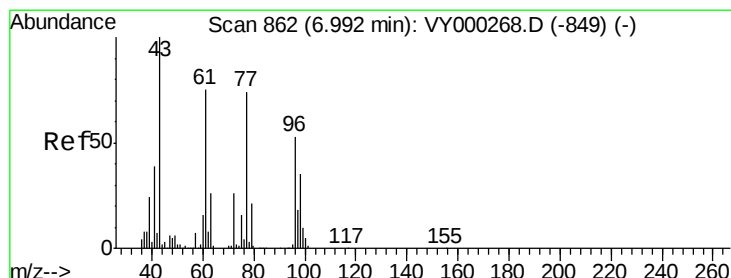
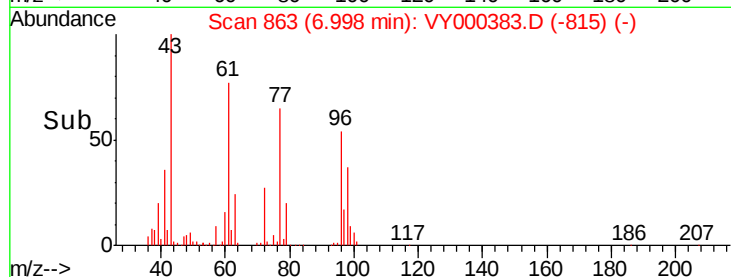
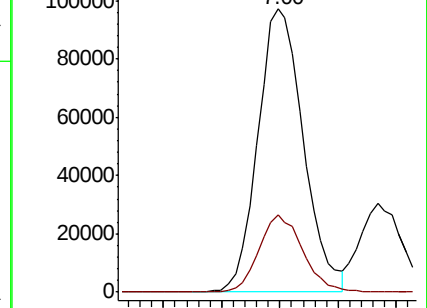
43 100

72 27.1 21.4 32.2



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0



#26

2,2-Dichloropropane

Concen: 51.406 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.00 min

Lab File: VY000383.D

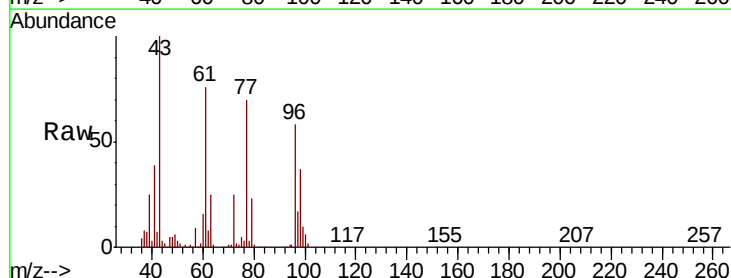
Acq: 23 Oct 2019 16:00

Tgt Ion: 77 Resp: 202764

Ion Ratio Lower Upper

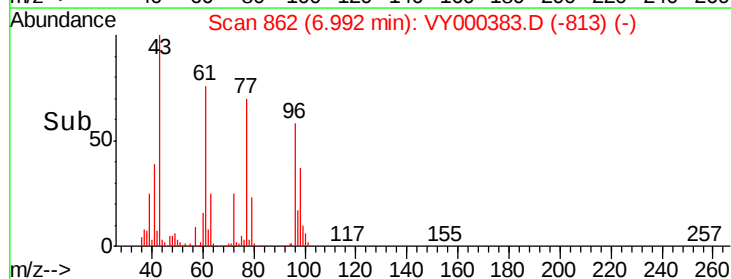
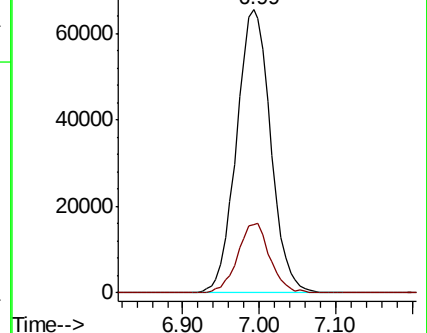
77 100

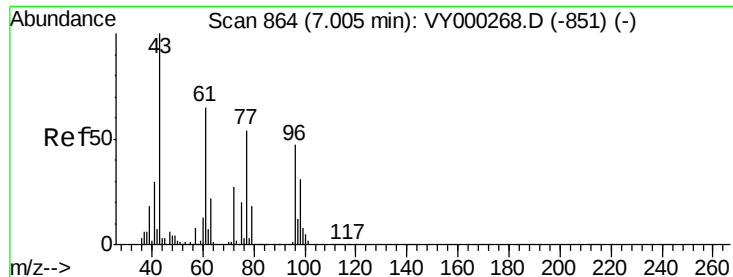
97 23.2 11.6 34.7



Abundance Ion 76.90 (76.60 to 77.60): VY0

Ion 96.90 (96.60 to 97.60): VY0



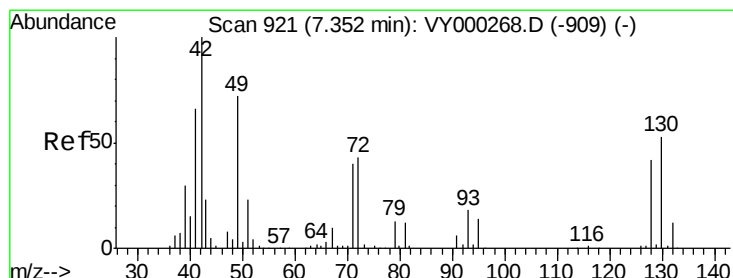
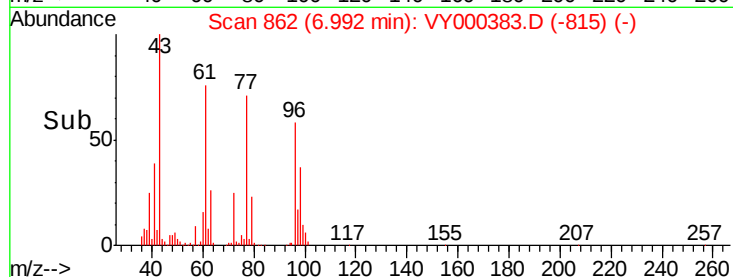
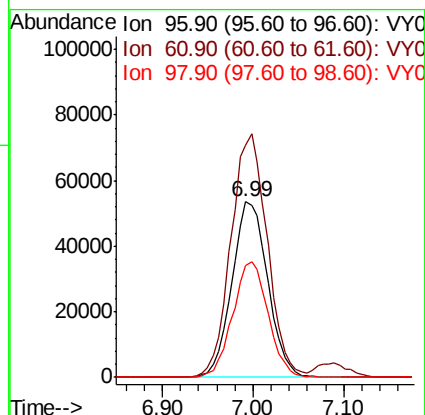
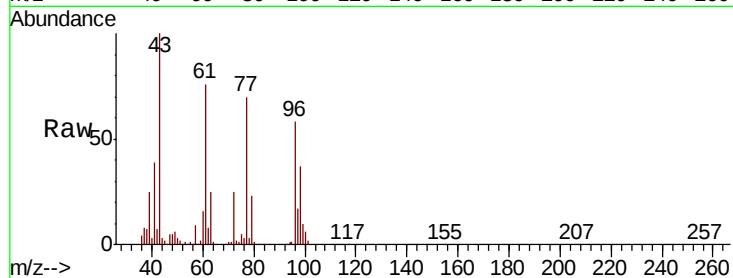


#27

cis-1,2-Dichloroethene
 Concen: 52.734 ug/l
 RT: 6.99 min Scan# 862
 Delta R.T. -0.01 min
 Lab File: VY000383.D
 Acq: 23 Oct 2019 16:00

Instrument :
 MSVOA_Y
 ClientSampled :

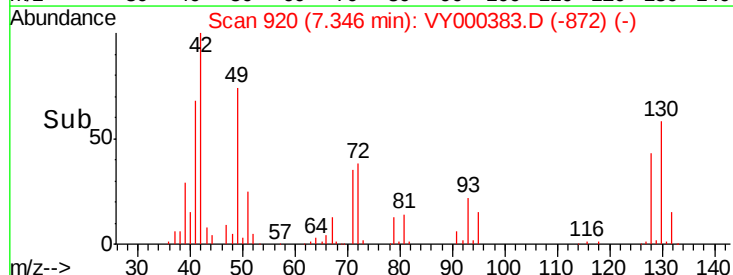
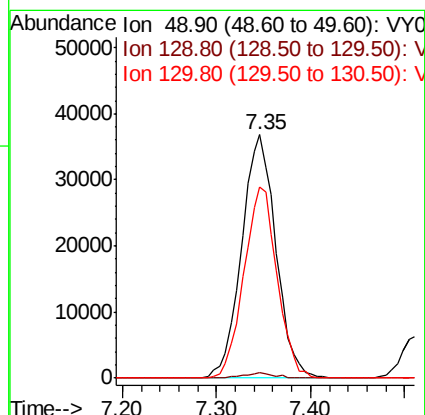
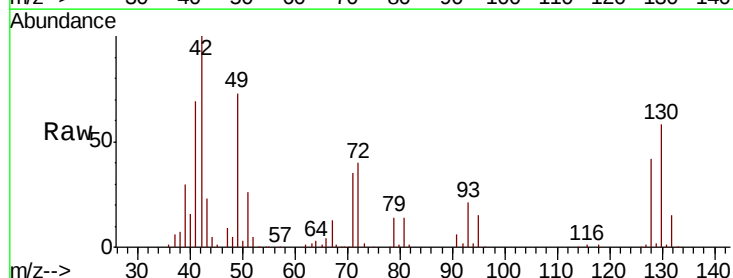
Tot Ion	96	Resp	146482
Ion Ratio	Lower	Upper	
96	100		
61	141.2	0.0	289.8
98	65.3	0.0	131.8

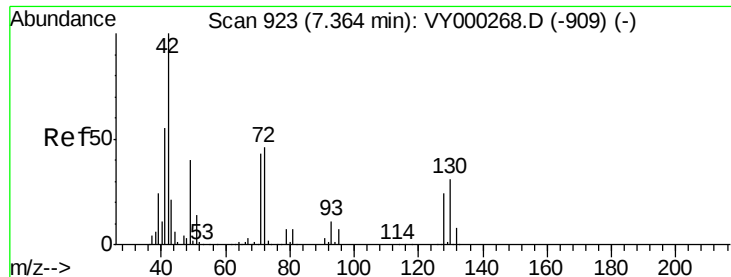


#28

Bromochloromethane
 Concen: 50.958 ug/l
 RT: 7.35 min Scan# 920
 Delta R.T. -0.01 min
 Lab File: VY000383.D
 Acq: 23 Oct 2019 16:00

Tgt Ion	49	Resp	93641
Ion Ratio	Lower	Upper	
49	100		
129	1.7	0.0	4.0
130	76.1	58.2	87.2

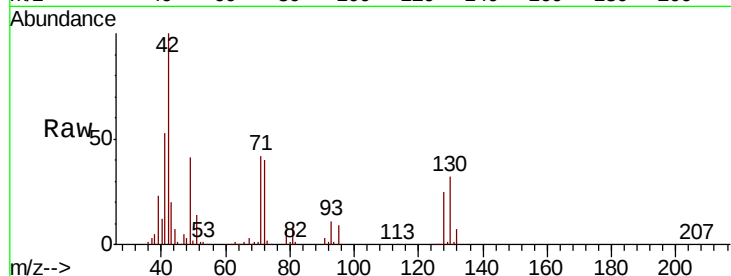




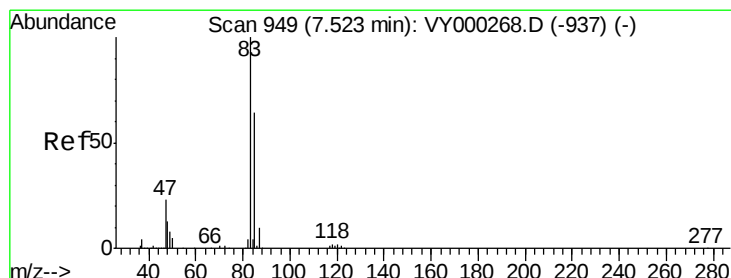
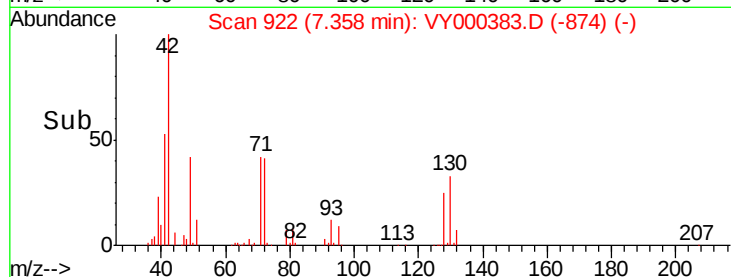
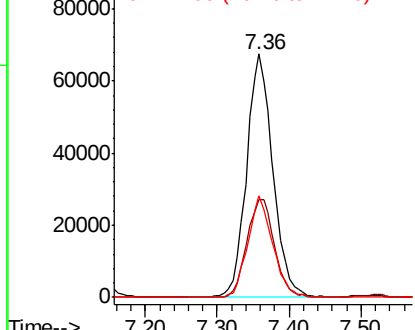
#29
Tetrahydrofuran
Concen: 264.094 ug/l
RT: 7.36 min Scan# 922
Delta R.T. -0.01 min
Lab File: VY000383.D
Acq: 23 Oct 2019 16:00

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 42 Resp: 170623
Ion Ratio Lower Upper
42 100
72 42.5 34.5 51.7
71 39.6 32.7 49.1

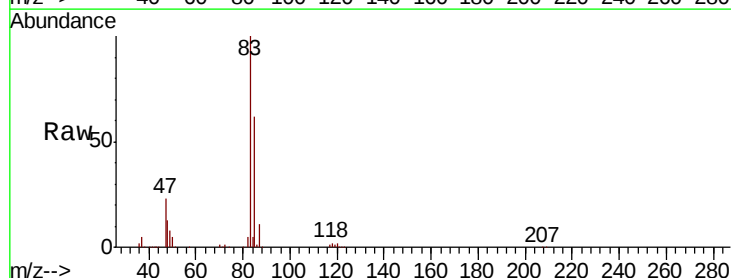


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

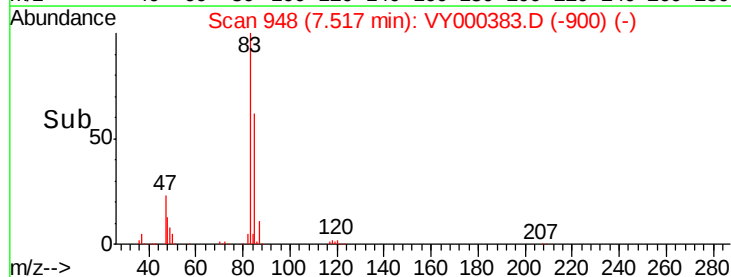
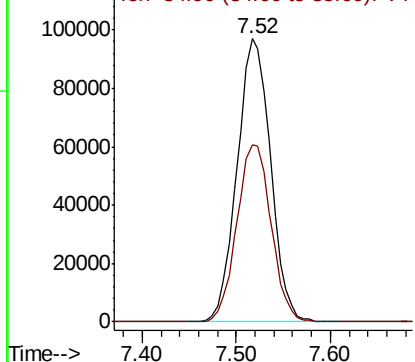


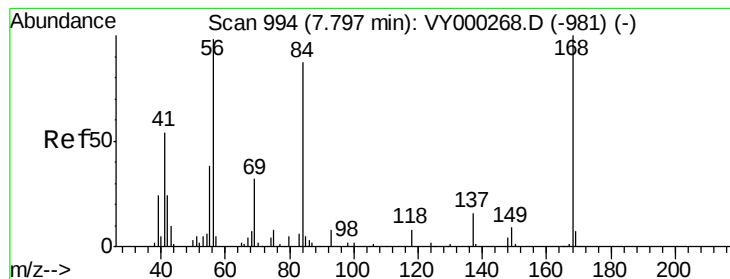
#30
Chloroform
Concen: 55.630 ug/l
RT: 7.52 min Scan# 948
Delta R.T. -0.01 min
Lab File: VY000383.D
Acq: 23 Oct 2019 16:00

Tgt Ion: 83 Resp: 239814
Ion Ratio Lower Upper
83 100
85 62.5 51.4 77.2



Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 84.90 (84.60 to 85.60): VY0





#31

Cyclohexane

Concen: 46.614 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

Lab File: VY000383.D

Acq: 23 Oct 2019 16:00

Instrument :
MSVOA_Y
ClientSampleId :

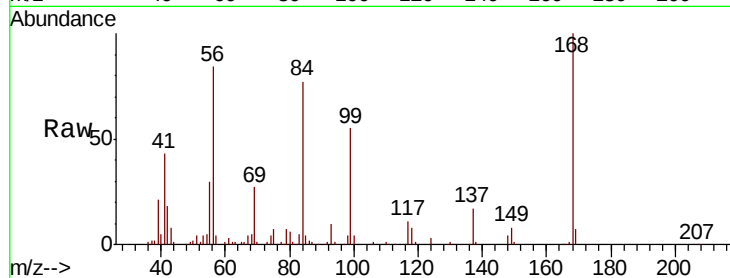
Tot Ion: 56 Resp: 208403

Ion Ratio Lower Upper

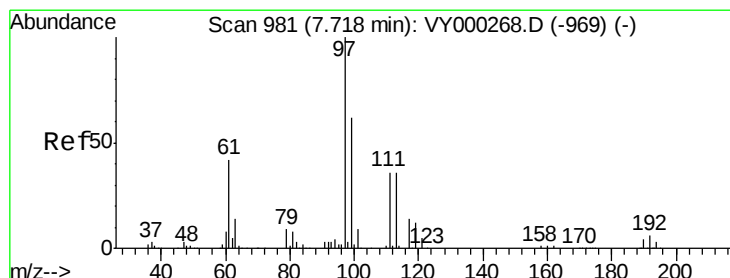
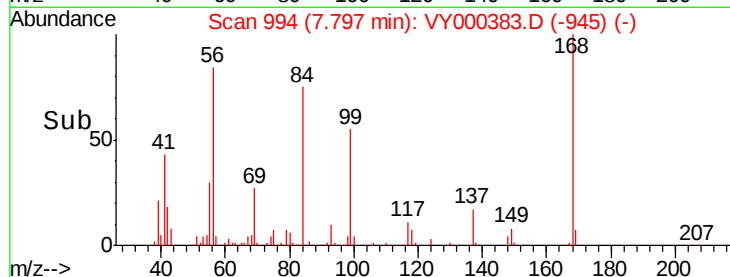
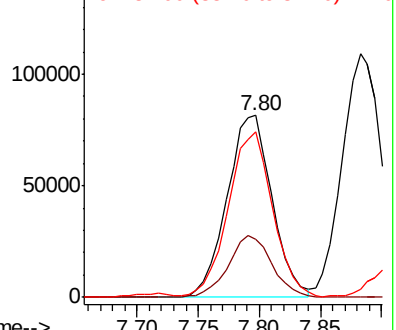
56 100

69 32.2 26.3 39.5

84 88.8 70.8 106.2



Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0



#32

1,1,1-Trichloroethane

Concen: 54.478 ug/l

RT: 7.71 min Scan# 980

Delta R.T. -0.01 min

Lab File: VY000383.D

Acq: 23 Oct 2019 16:00

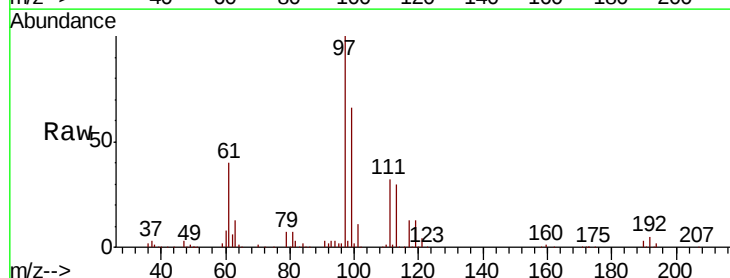
Tgt Ion: 97 Resp: 208789

Ion Ratio Lower Upper

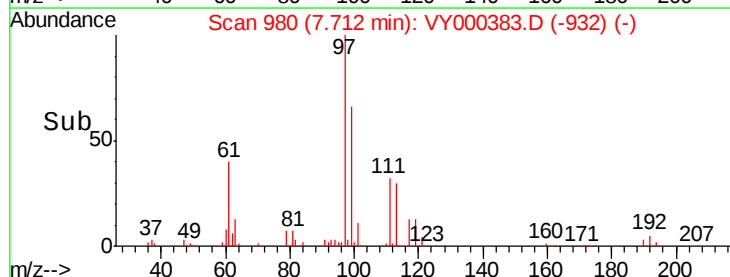
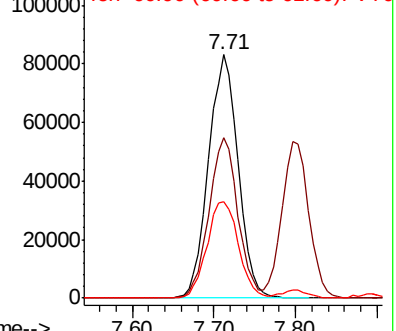
97 100

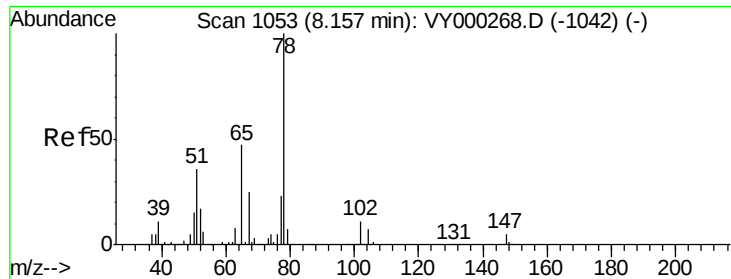
99 64.7 51.7 77.5

61 42.3 34.5 51.7



Abundance Ion 96.90 (96.60 to 97.60): VY0
Ion 98.90 (98.60 to 99.60): VY0
Ion 60.90 (60.60 to 61.60): VY0

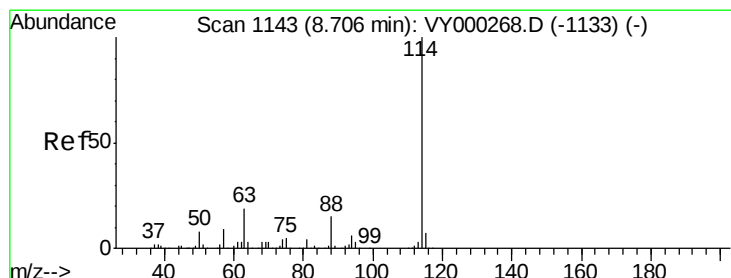
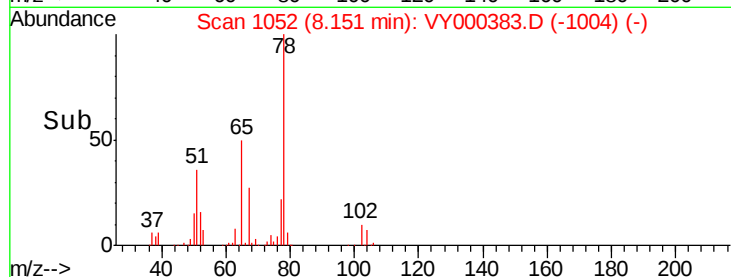
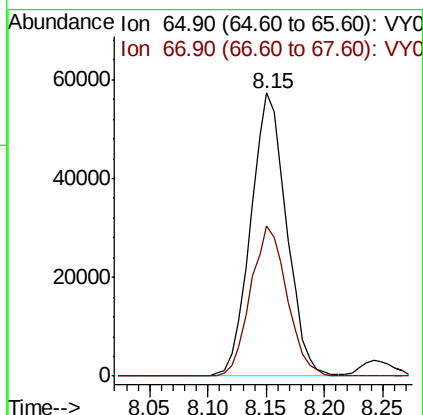
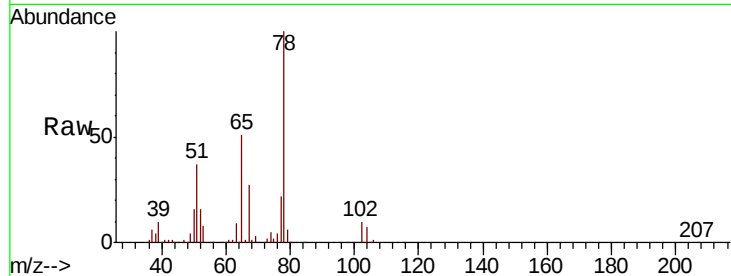




#33
 1,2-Dichloroethane-d4
 Concen: 52.241 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: VY000383.D
 Acq: 23 Oct 2019 16:00

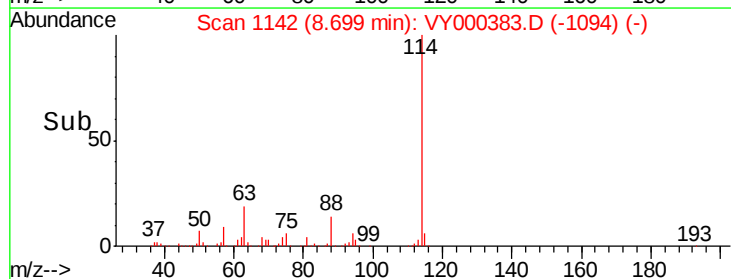
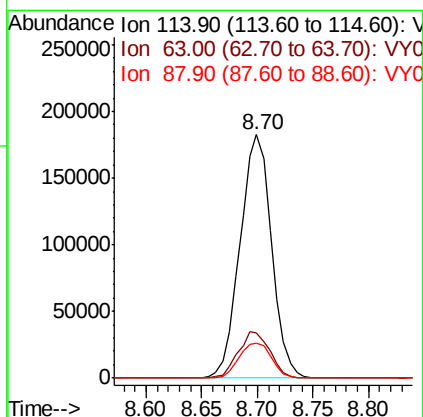
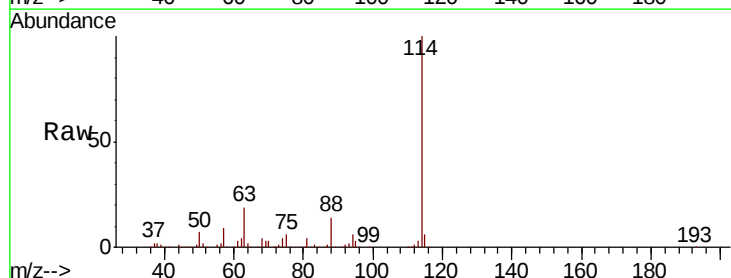
Instrument :
 MSVOA_Y
 ClientSampleId :

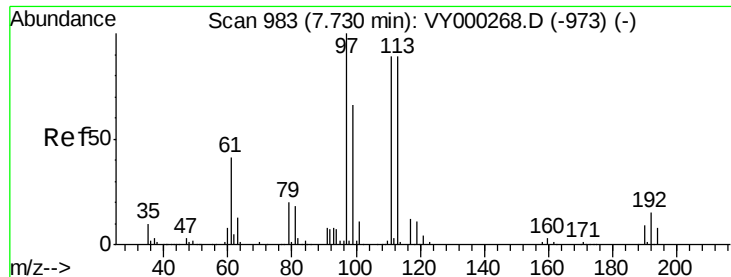
Tot Ion: 65 Resp: 122079
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: VY000383.D
 Acq: 23 Oct 2019 16:00

Tgt Ion: 114 Resp: 358260
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 37.2
 88 14.4 0.0 30.2

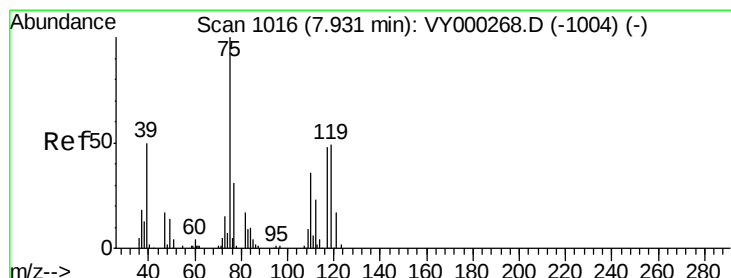
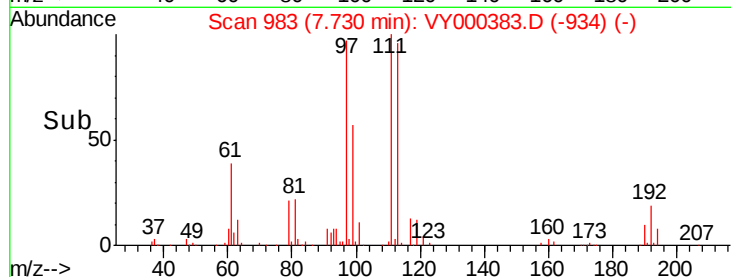
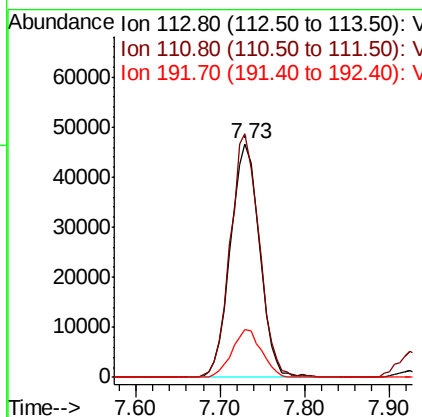
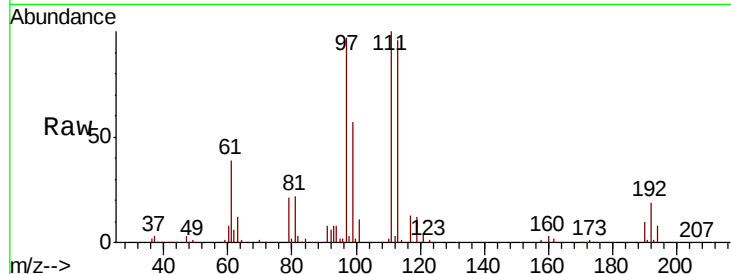




#35
Dibromofluoromethane
Concen: 50.454 ug/l
RT: 7.73 min Scan# 983
Delta R.T. -0.00 min
Lab File: VY000383.D
Acq: 23 Oct 2019 16:00

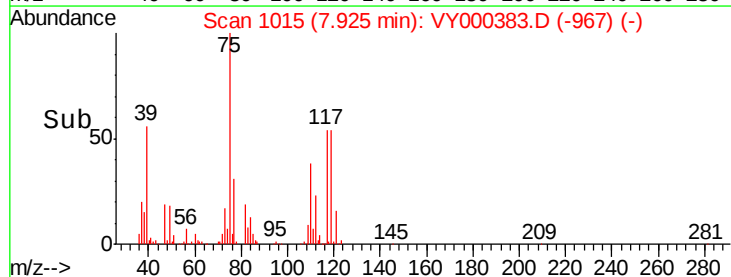
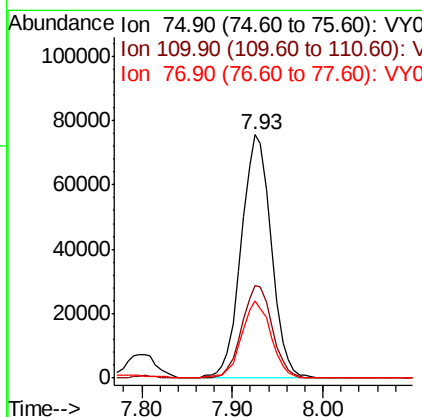
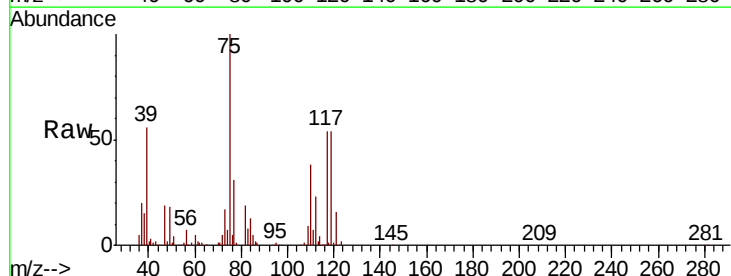
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.2	81.6	122.4
192	20.7	15.3	22.9



#36
1,1-Dichloropropene
Concen: 49.540 ug/l
RT: 7.93 min Scan# 1015
Delta R.T. -0.01 min
Lab File: VY000383.D
Acq: 23 Oct 2019 16:00

Tgt Ion	Ratio	Lower	Upper
75	100		
110	38.4	18.4	55.4
77	31.0	25.0	37.6

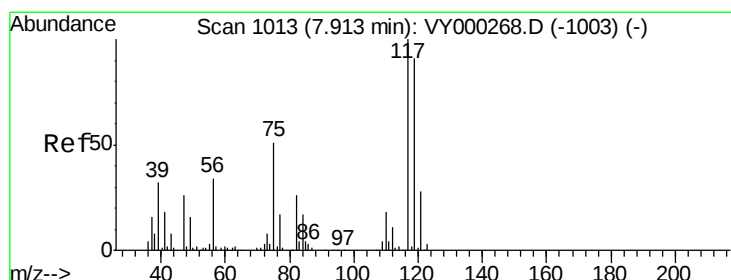
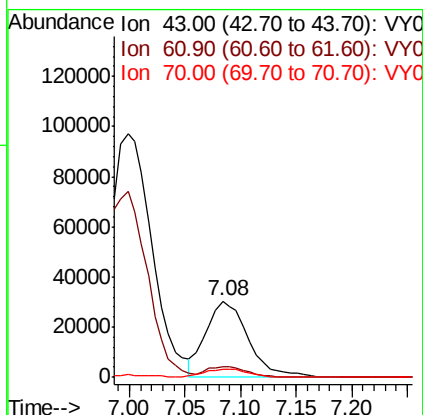
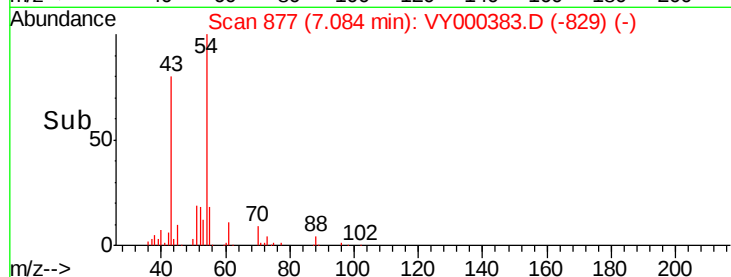
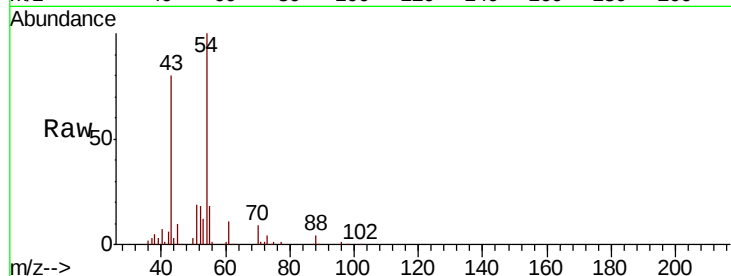




#37
Ethyl Acetate
Concen: 38.395 ug/l
RT: 7.08 min Scan# 877
Delta R.T. -0.01 min
Lab File: VY000383.D
Acq: 23 Oct 2019 16:00

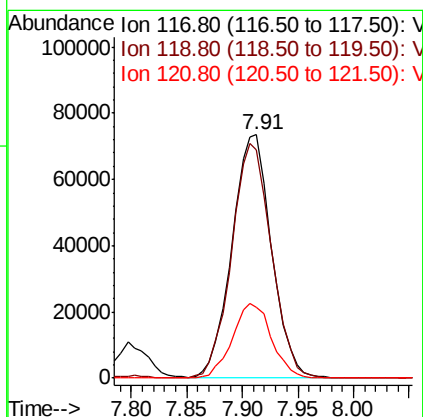
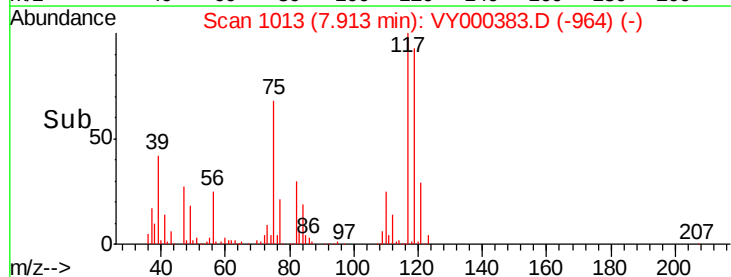
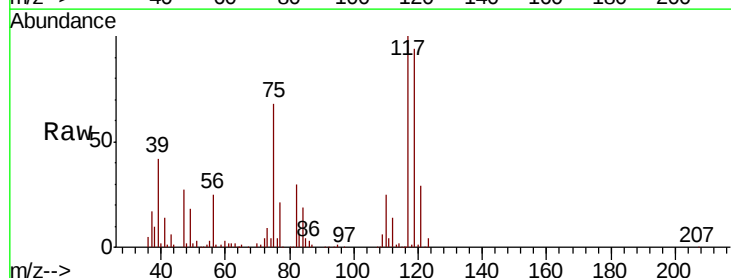
Instrument :
MSVOA_Y
ClientSampled :

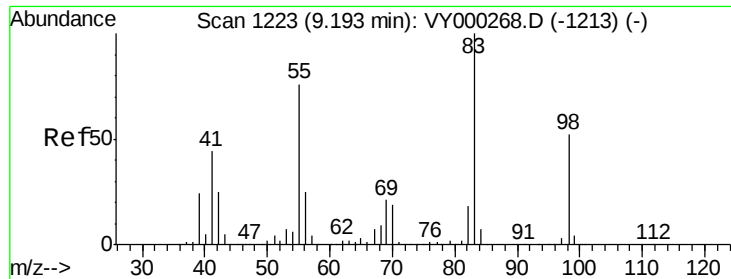
Tot Ion: 43 Resp: 79743
Ion Ratio Lower Upper
43 100
61 14.0 12.1 18.1
70 11.4 8.7 13.1



#38
Carbon Tetrachloride
Concen: 53.488 ug/l
RT: 7.91 min Scan# 1013
Delta R.T. -0.00 min
Lab File: VY000383.D
Acq: 23 Oct 2019 16:00

Tgt Ion: 117 Resp: 181653
Ion Ratio Lower Upper
117 100
119 93.4 72.8 109.2
121 29.3 22.2 33.2

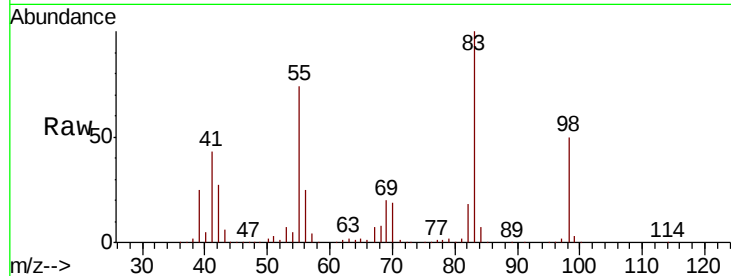




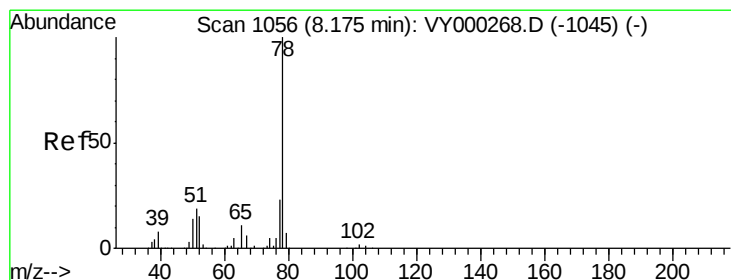
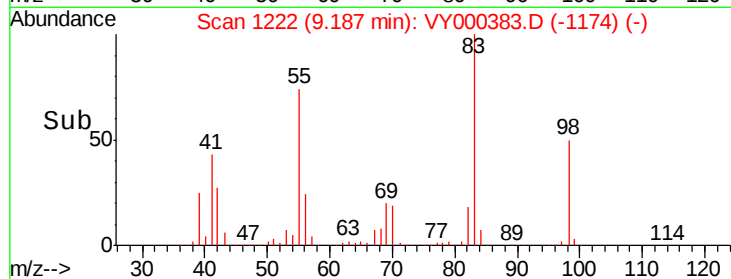
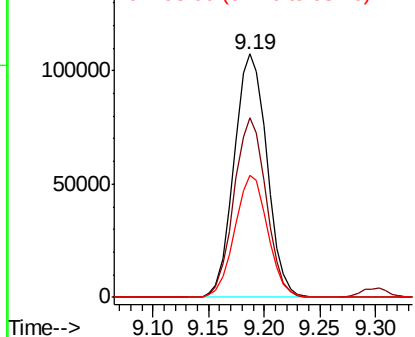
#39
Methvlcvclohexane
Concen: 47.778 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.01 min
Lab File: VY000383.D
Acq: 23 Oct 2019 16:00

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 83 Resp: 219339
Ion Ratio Lower Upper
83 100
55 73.6 60.9 91.3
98 50.3 41.8 62.6

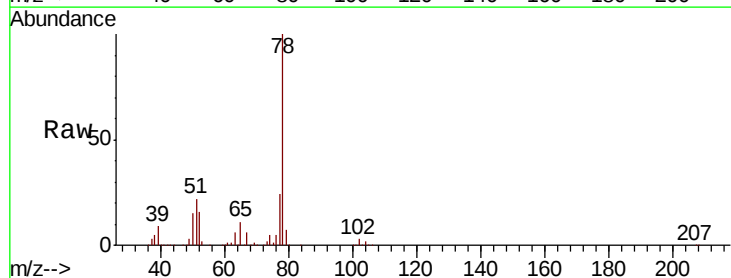


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

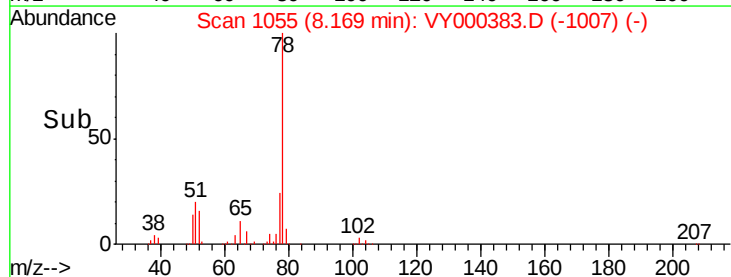
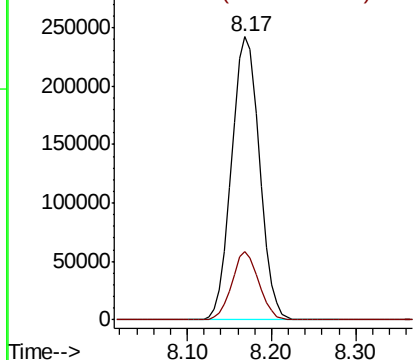


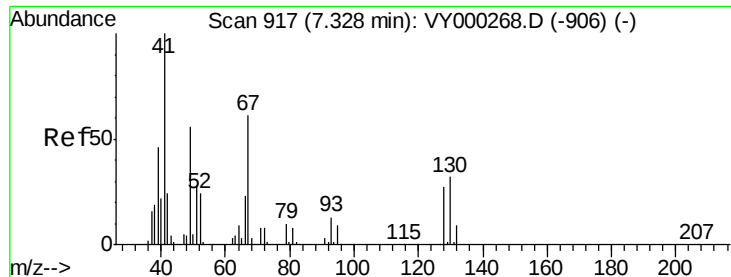
#40
Benzene
Concen: 53.547 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.01 min
Lab File: VY000383.D
Acq: 23 Oct 2019 16:00

Tgt Ion: 78 Resp: 542778
Ion Ratio Lower Upper
78 100
77 24.2 18.8 28.2



Abundance Ion 78.00 (77.70 to 78.70): VY0
Ion 77.00 (76.70 to 77.70): VY0

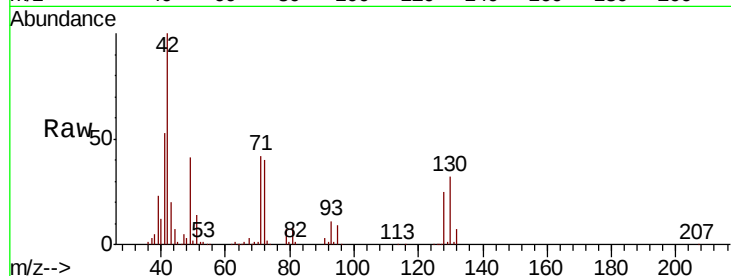




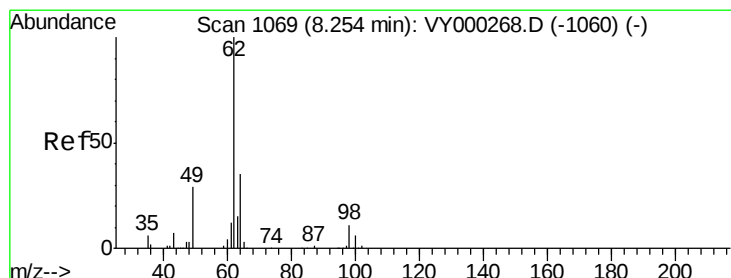
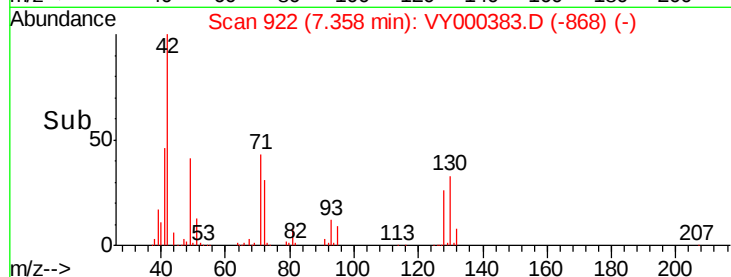
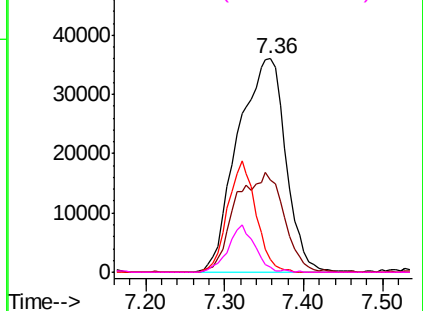
#41
Methacrylonitrile
Concen: 154.414 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.03 min
Lab File: VY000383.D
Acq: 23 Oct 2019 16:00

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 41 Resp: 152656
Ion Ratio Lower Upper
41 100
39 47.1 110.2 165.2#
67 0.0 0.0 0.0
52 0.0 0.0 0.0

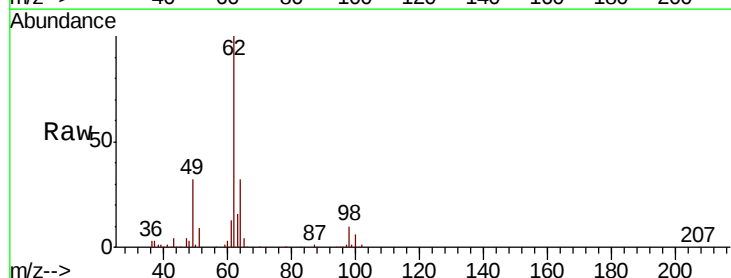


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

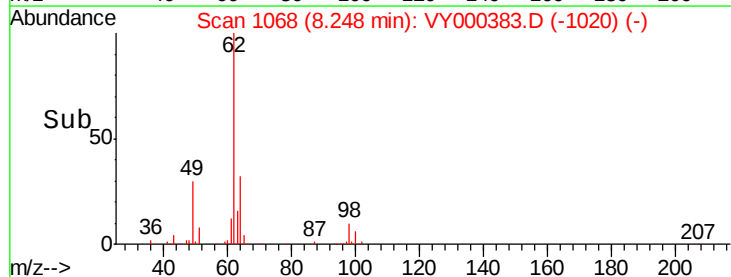
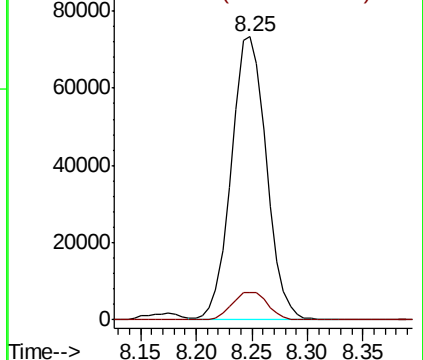


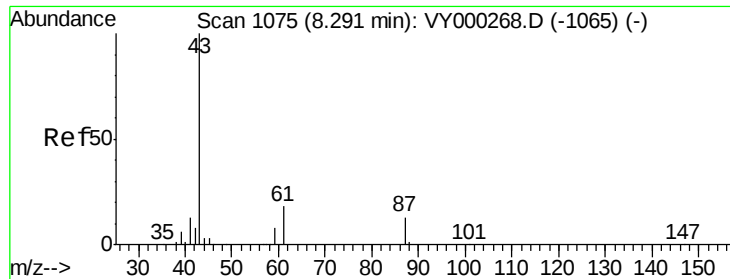
#42
1,2-Dichloroethane
Concen: 55.456 ug/l
RT: 8.25 min Scan# 1068
Delta R.T. -0.01 min
Lab File: VY000383.D
Acq: 23 Oct 2019 16:00

Tgt Ion: 62 Resp: 160572
Ion Ratio Lower Upper
62 100
98 10.1 0.0 20.6



Abundance Ion 61.90 (61.60 to 62.60): VY0
Ion 97.90 (97.60 to 98.60): VY0





#43

Isopropyl Acetate

Concen: 45.900 ug/l

RT: 8.28 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VY000383.D

Acq: 23 Oct 2019 16:00

Instrument :

MSVOA_Y

ClientSampled :

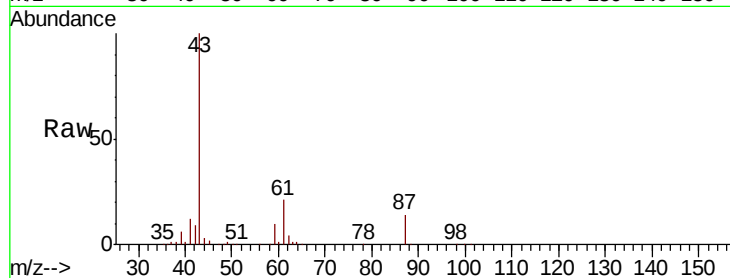
Tot Ion: 43 Resp: 181264

Ion Ratio Lower Upper

43 100

61 29.6 22.3 33.5

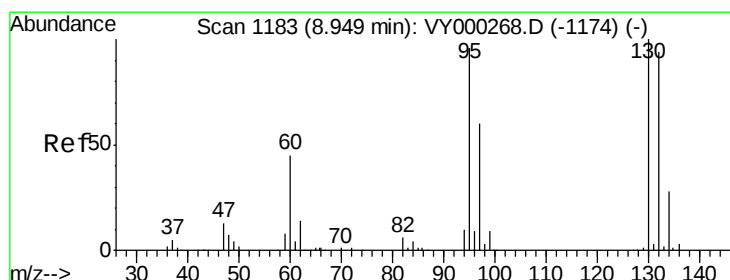
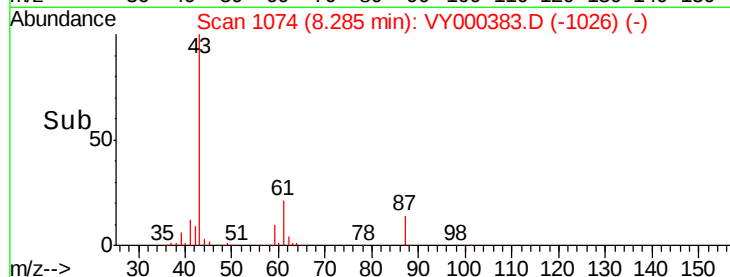
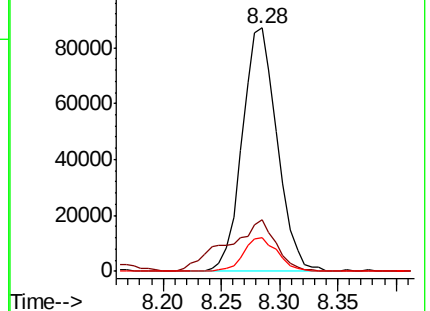
87 13.6 10.9 16.3



Abundance Ion 43.00 (42.70 to 43.70): VY000383.D (-1074) (-)

Ion 61.00 (60.70 to 61.70): VY000383.D (-1074) (-)

Ion 87.00 (86.70 to 87.70): VY000383.D (-1074) (-)



#44

Trichloroethene

Concen: 51.772 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. -0.01 min

Lab File: VY000383.D

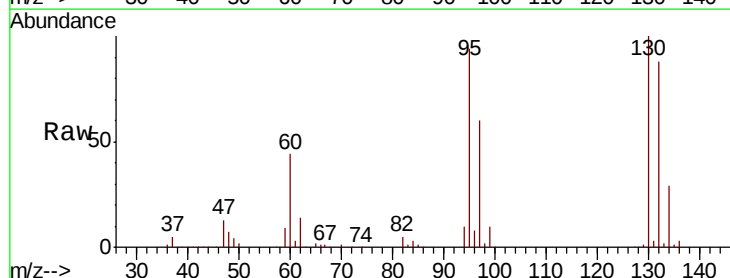
Acq: 23 Oct 2019 16:00

Tgt Ion:130 Resp: 147248

Ion Ratio Lower Upper

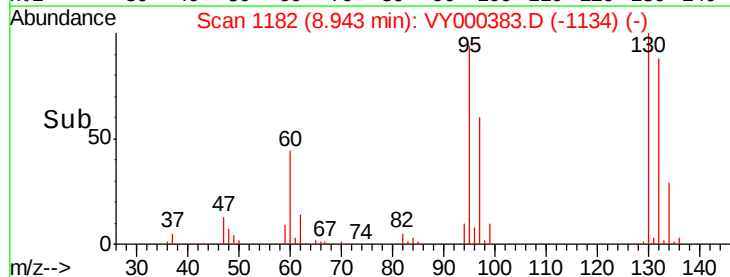
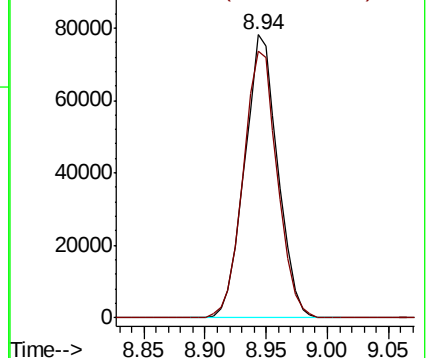
130 100

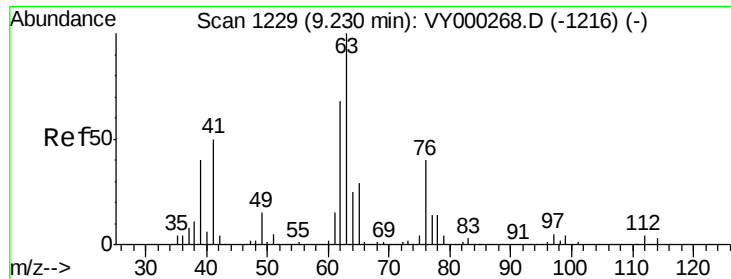
95 94.1 0.0 191.4



Abundance Ion 129.80 (129.50 to 130.50): VY000383.D (-1182) (-)

Ion 94.90 (94.60 to 95.60): VY000383.D (-1182) (-)

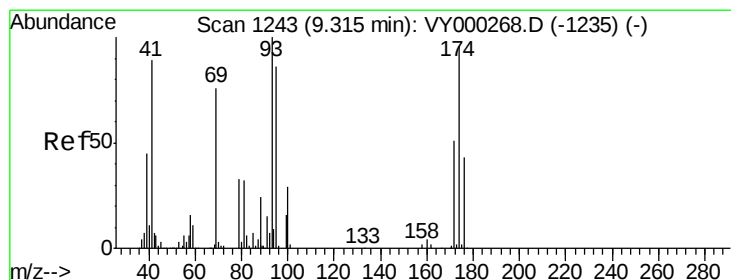
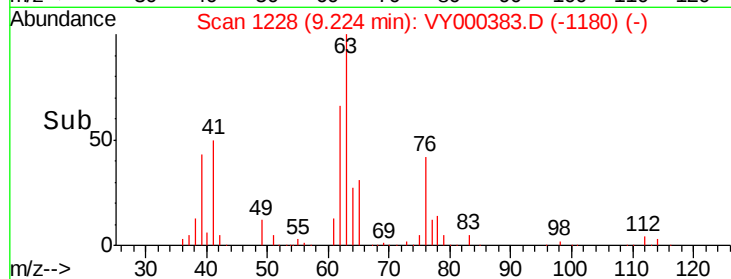
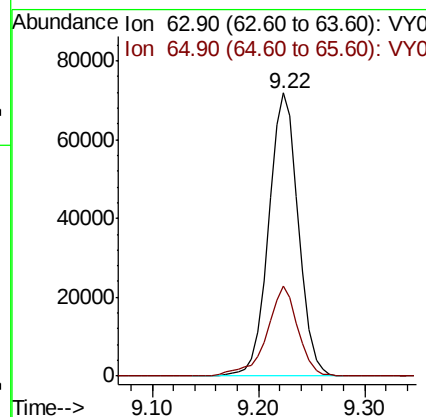
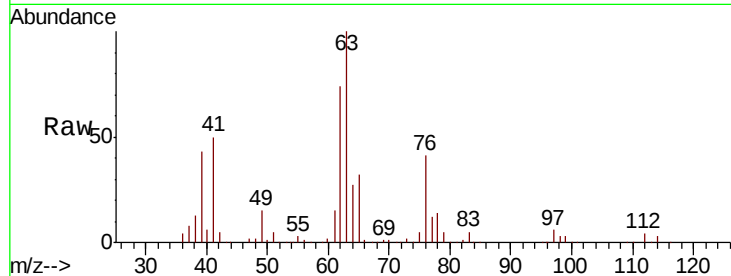




#45
 1,2-Dichloropropane
 Concen: 56.100 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: VY000383.D
 Acq: 23 Oct 2019 16:00

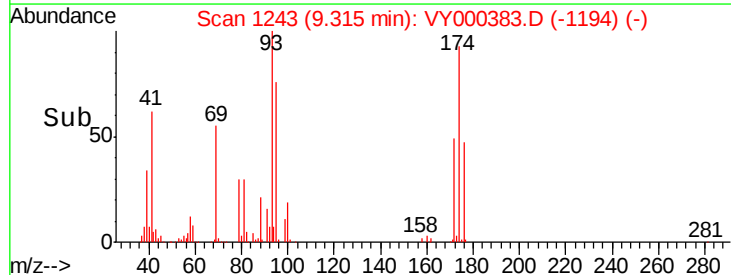
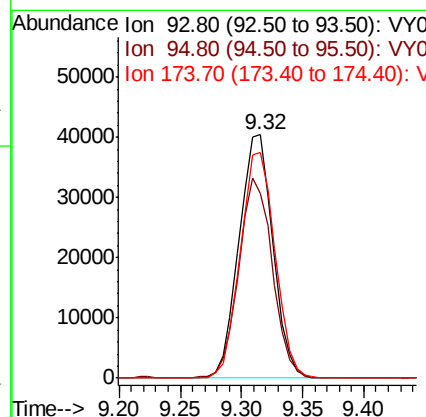
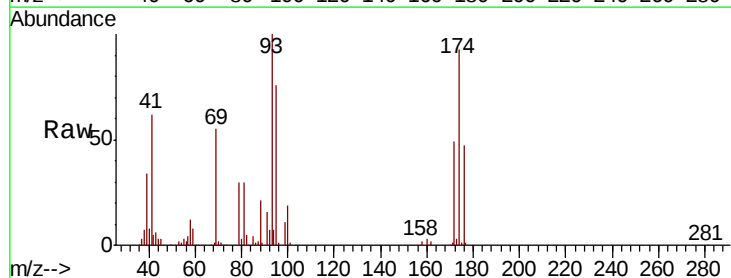
Instrument :
 MSVOA_Y
 ClientSampled :

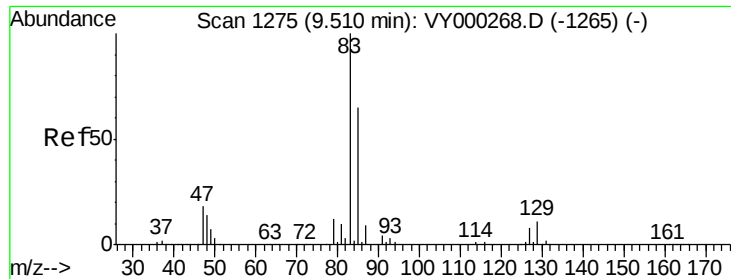
Tot Ion: 63 Resp: 139552
 Ion Ratio Lower Upper
 63 100
 65 31.9 23.2 34.8



#46
 Dibromomethane
 Concen: 55.957 ug/l
 RT: 9.32 min Scan# 1243
 Delta R.T. -0.00 min
 Lab File: VY000383.D
 Acq: 23 Oct 2019 16:00

Tgt Ion: 93 Resp: 77813
 Ion Ratio Lower Upper
 93 100
 95 81.0 68.2 102.2
 174 95.1 79.8 119.6





#47

Bromodichloromethane

Concen: 57.184 ug/l

RT: 9.50 min Scan# 1274

Delta R.T. -0.01 min

Lab File: VY000383.D

Acq: 23 Oct 2019 16:00

Instrument :

MSVOA_Y

ClientSampled :

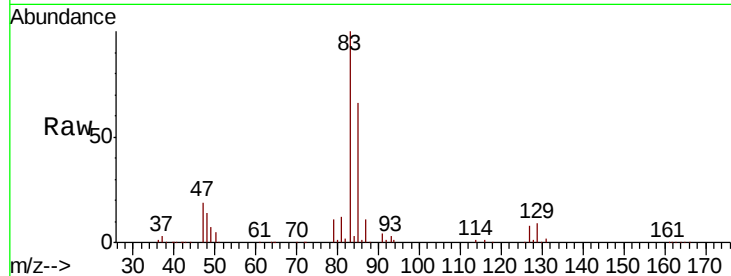
Tot Ion: 83 Resp: 187403

Ion Ratio Lower Upper

83 100

85 65.6 52.2 78.2

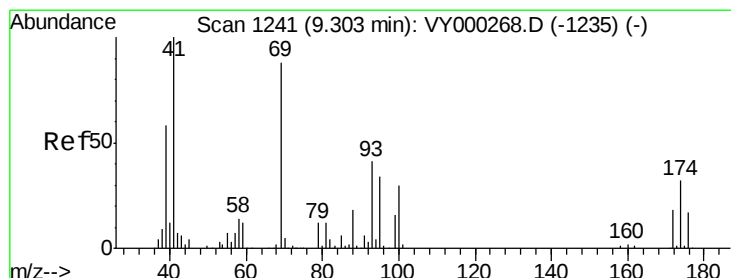
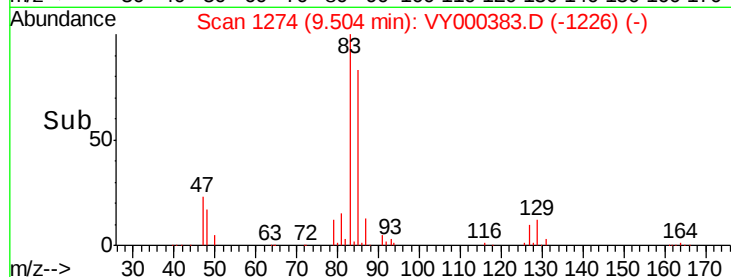
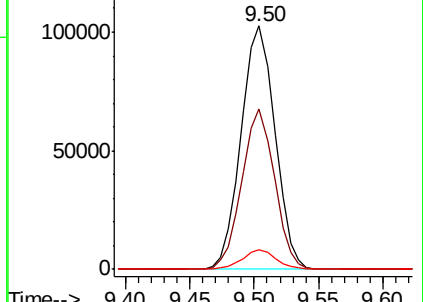
127 8.0 6.3 9.5



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): VY0



#48

Methyl methacrylate

Concen: 66.252 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. -0.01 min

Lab File: VY000383.D

Acq: 23 Oct 2019 16:00

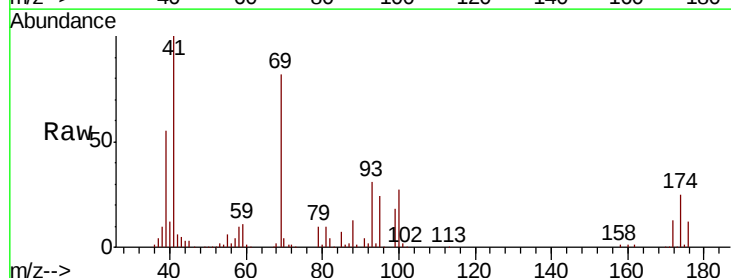
Tgt Ion: 41 Resp: 114662

Ion Ratio Lower Upper

41 100

69 86.5 70.0 105.0

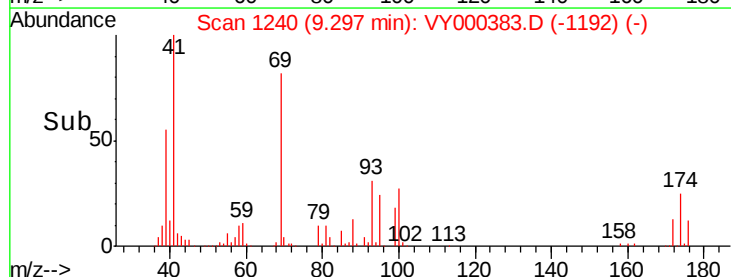
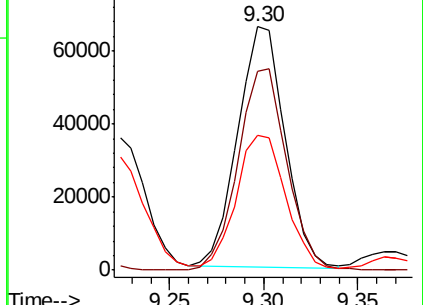
39 59.5 47.7 71.5

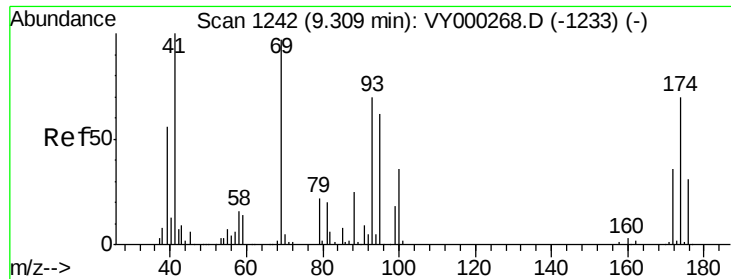


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 69.00 (68.70 to 69.70): VY0

Ion 39.00 (38.70 to 39.70): VY0





#49

1,4-Dioxane

Concen: 1063.162 ug/l

RT: 9.30 min Scan# 1241

Delta R.T. -0.01 min

Lab File: VY000383.D

Acq: 23 Oct 2019 16:00

Instrument :
MSVOA_Y
ClientSampled :

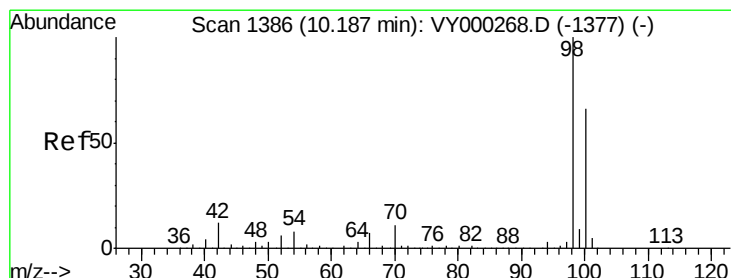
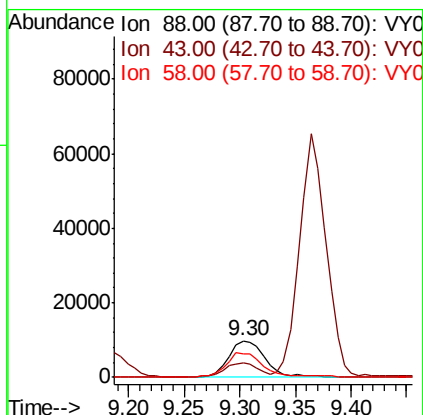
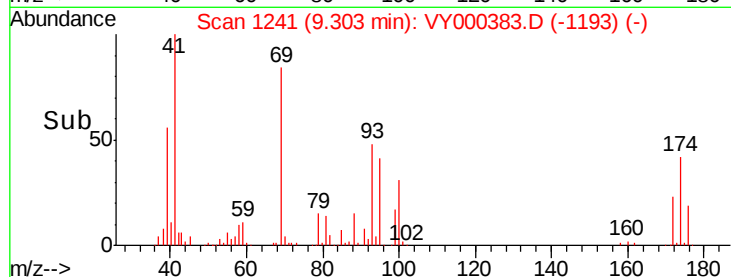
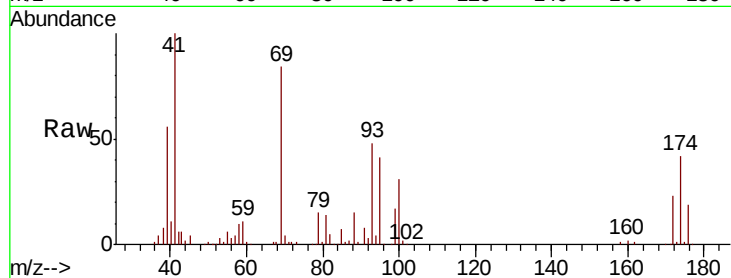
Tot Ion: 88 Resp: 22167

Ion Ratio Lower Upper

88 100

43 36.8 25.6 38.4

58 72.7 54.6 81.8



#50

Toluene-d8

Concen: 52.032 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.01 min

Lab File: VY000383.D

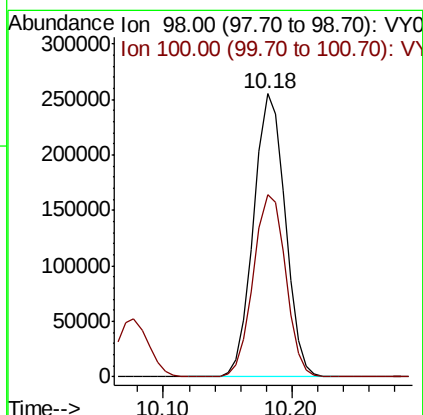
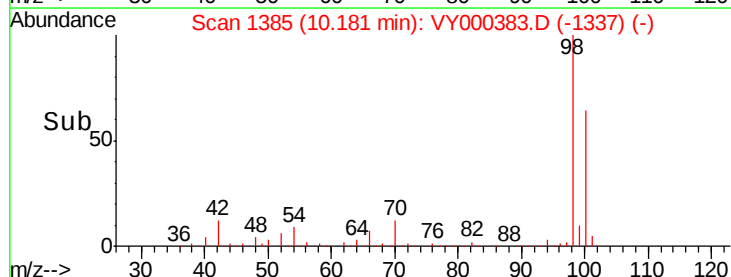
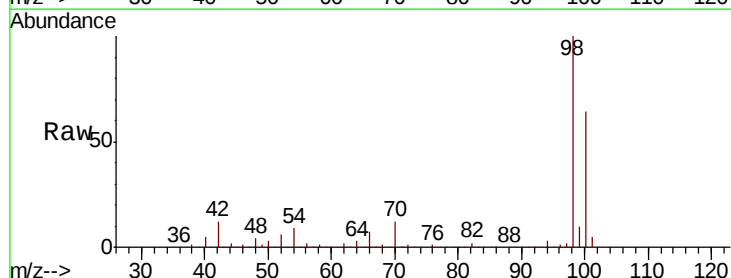
Acq: 23 Oct 2019 16:00

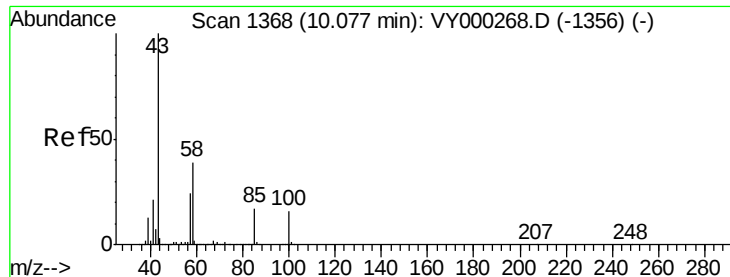
Tgt Ion: 98 Resp: 432545

Ion Ratio Lower Upper

98 100

100 65.8 52.8 79.2





#51

4-Methyl-2-Pentanone

Concen: 282.213 ug/l

RT: 10.08 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VY000383.D

Acq: 23 Oct 2019 16:00

Instrument :

MSVOA_Y

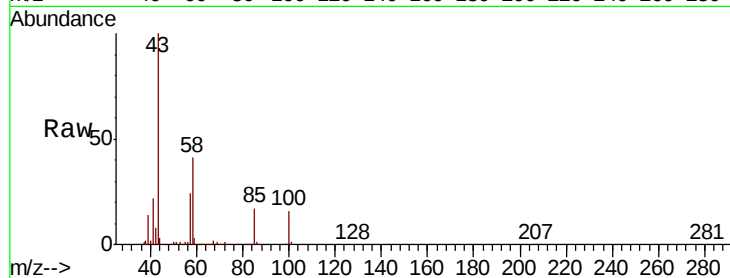
ClientSampleId :

Tot Ion: 43 Resp: 574821

Ion Ratio Lower Upper

43 100

58 39.5 31.0 46.6



Abundance Ion 43.00 (42.70 to 43.70): VY000268.D (-1356) (-)

Ion 58.00 (57.70 to 58.70): VY000268.D (-1356) (-)

10.08

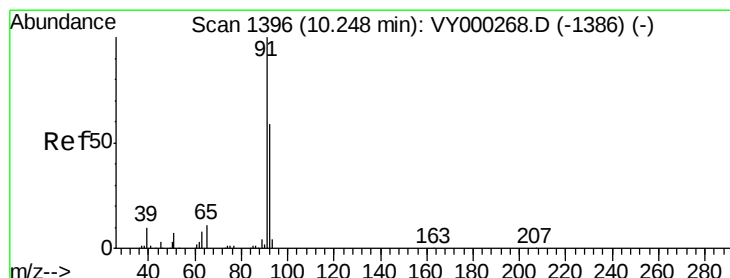
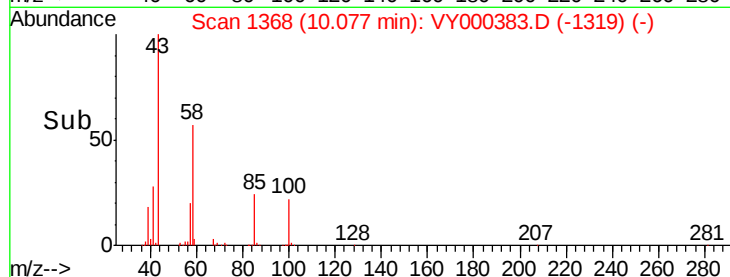
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 53.097 ug/l

RT: 10.25 min Scan# 1396

Delta R.T. -0.00 min

Lab File: VY000383.D

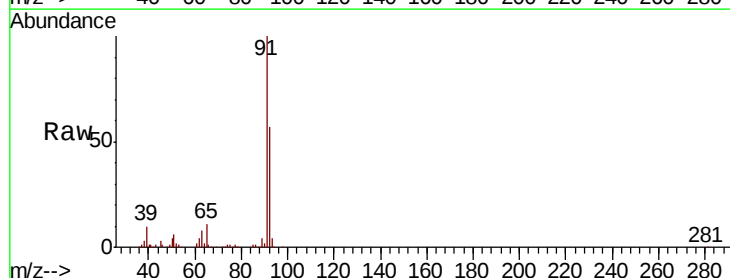
Acq: 23 Oct 2019 16:00

Tgt Ion: 92 Resp: 341711

Ion Ratio Lower Upper

92 100

91 171.4 136.6 205.0



Abundance Ion 92.00 (91.70 to 92.70): VY000268.D (-1386) (-)

Ion 91.00 (90.70 to 91.70): VY000268.D (-1386) (-)

400000

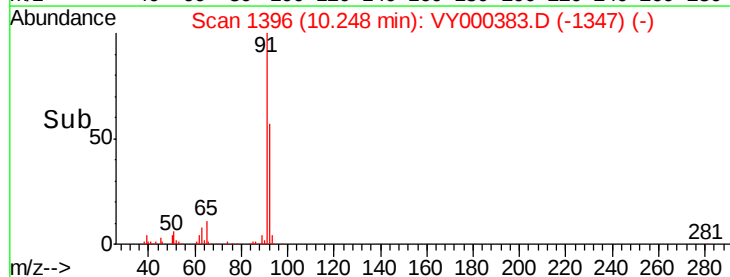
300000

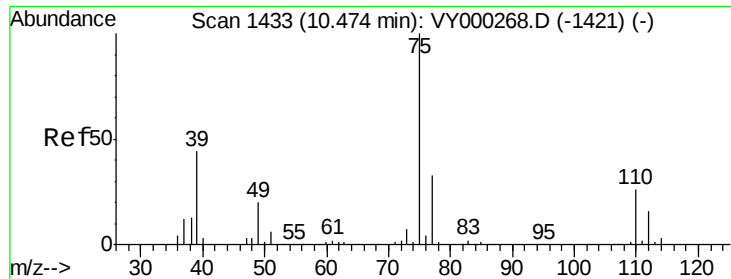
200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 54.129 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.01 min

Lab File: VY000383.D

Acq: 23 Oct 2019 16:00

Instrument :

MSVOA_Y

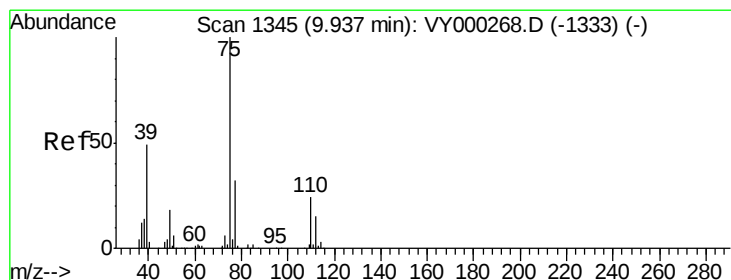
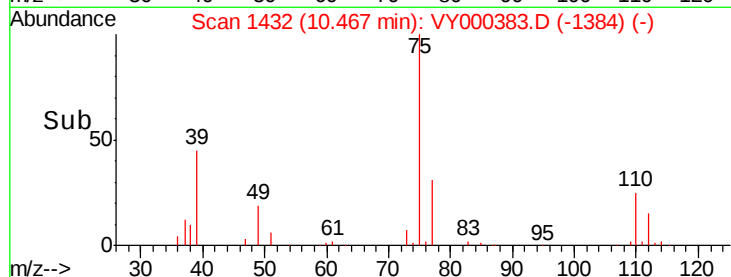
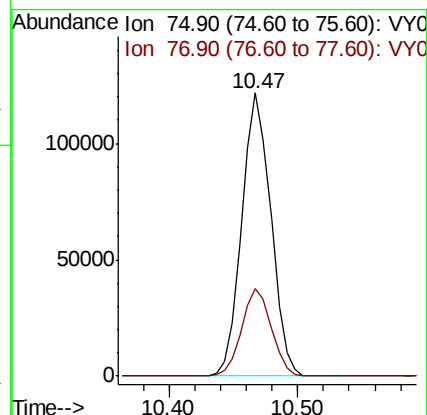
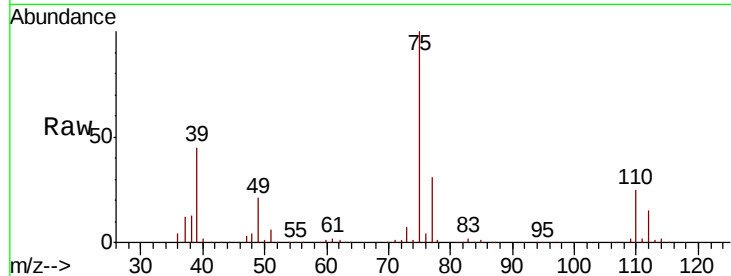
ClientSampleId :

Tot Ion: 75 Resp: 190110

Ion Ratio Lower Upper

75 100

77 30.9 26.0 39.0



#54

cis-1,3-Dichloropropene

Concen: 54.753 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.01 min

Lab File: VY000383.D

Acq: 23 Oct 2019 16:00

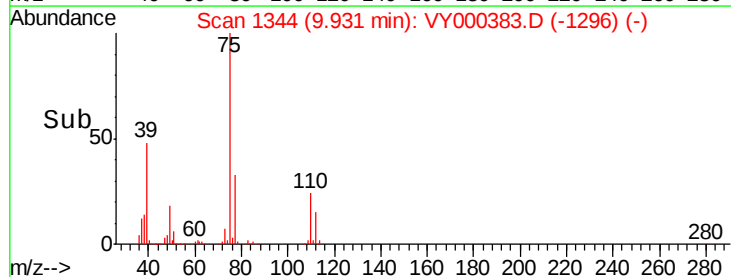
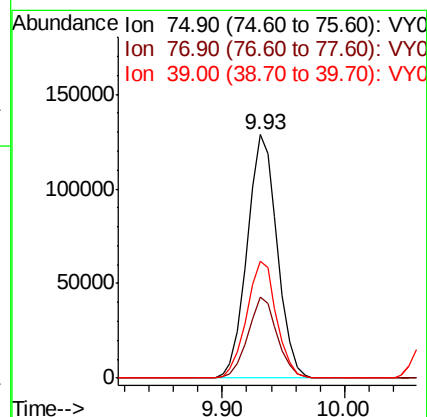
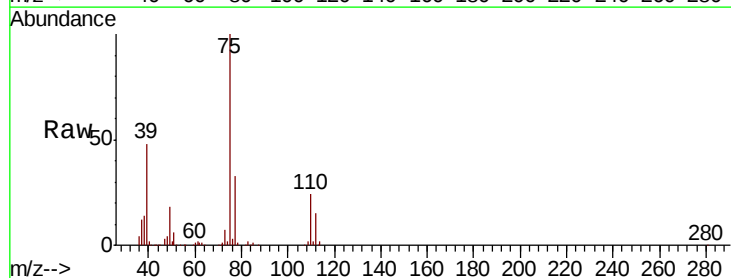
Tgt Ion: 75 Resp: 218387

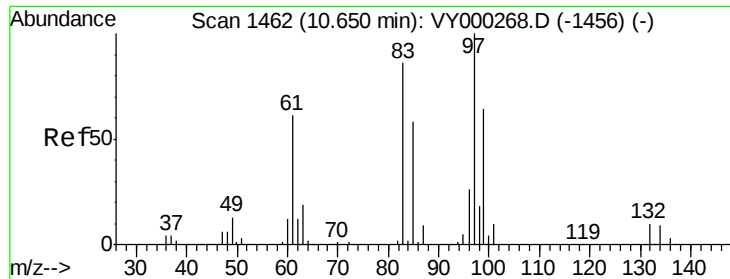
Ion Ratio Lower Upper

75 100

77 33.4 26.0 39.0

39 47.9 38.8 58.2

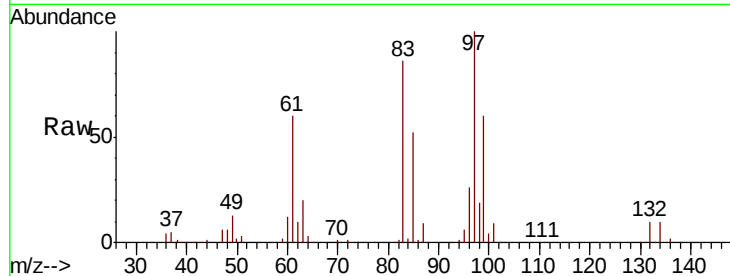




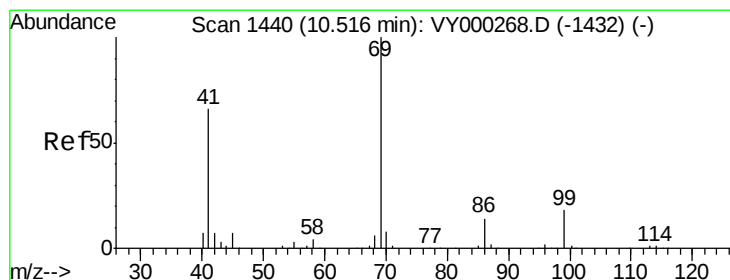
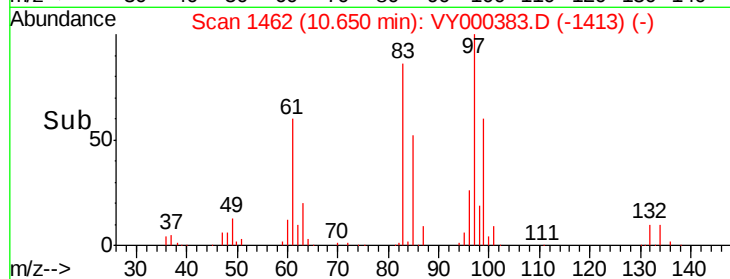
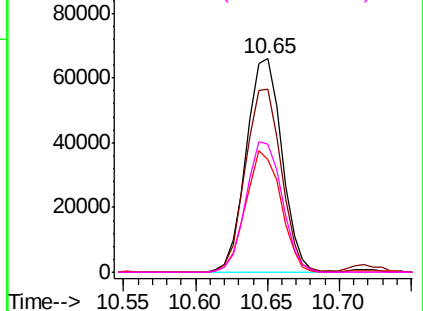
#55
1,1,2-Trichloroethane
Concen: 55.868 ug/l
RT: 10.65 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VY000383.D
Acq: 23 Oct 2019 16:00

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 97 Resp: 112957
Ion Ratio Lower Upper
97 100
83 85.7 69.0 103.6
85 52.5 46.2 69.4
99 59.8 51.1 76.7

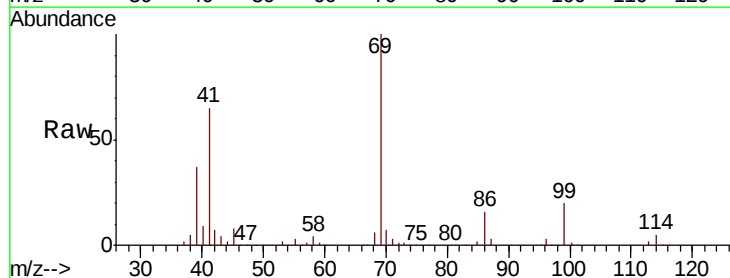


Abundance Ion 96.90 (96.60 to 97.60): VY0
Ion 82.90 (82.60 to 83.60): VY0
Ion 84.90 (84.60 to 85.60): VY0
Ion 98.90 (98.60 to 99.60): VY0

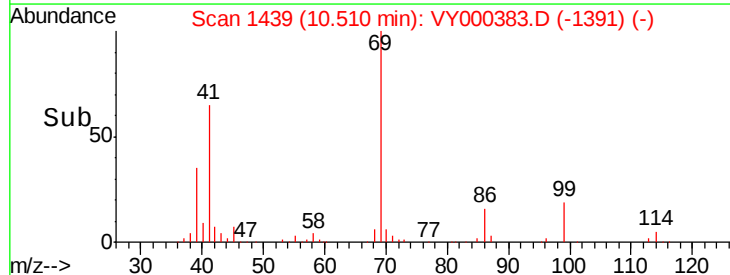
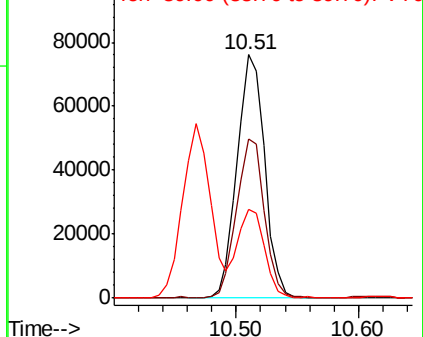


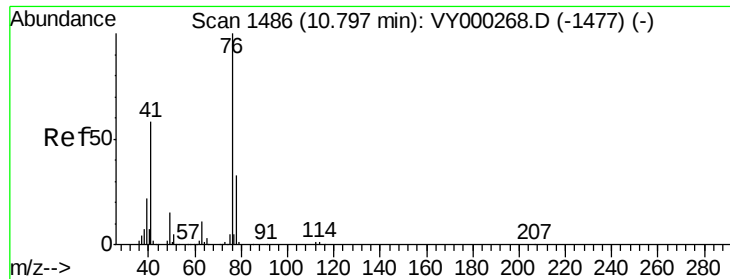
#56
Ethyl methacrylate
Concen: 41.397 ug/l
RT: 10.51 min Scan# 1439
Delta R.T. -0.01 min
Lab File: VY000383.D
Acq: 23 Oct 2019 16:00

Tgt Ion: 69 Resp: 119302
Ion Ratio Lower Upper
69 100
41 65.6 52.5 78.7
39 35.7 26.7 40.1



Abundance Ion 69.00 (68.70 to 69.70): VY0
Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0





#57

1,3-Dichloropropane

Concen: 56.059 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. -0.01 min

Lab File: VY000383.D

Acq: 23 Oct 2019 16:00

Instrument :

MSVOA_Y

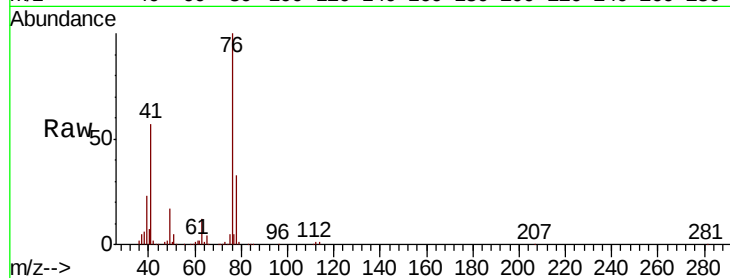
ClientSampleId :

Tot Ion: 76 Resp: 194656

Ion Ratio Lower Upper

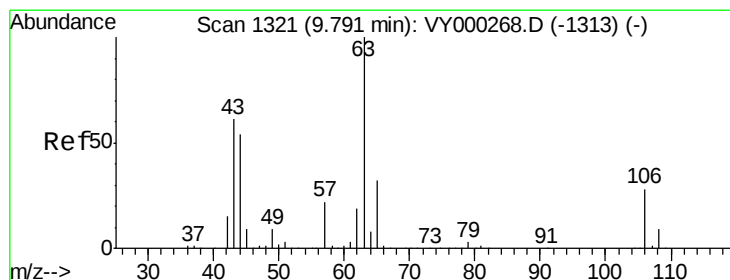
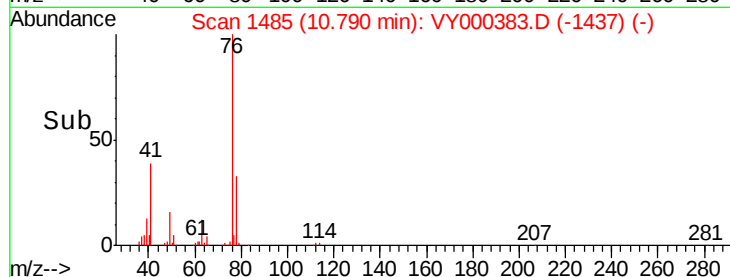
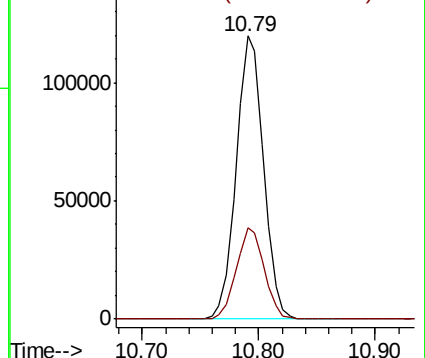
76 100

78 32.9 26.2 39.2



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#58

2-Chloroethyl Vinyl ether

Concen: 303.948 ug/l

RT: 9.79 min Scan# 1321

Delta R.T. -0.00 min

Lab File: VY000383.D

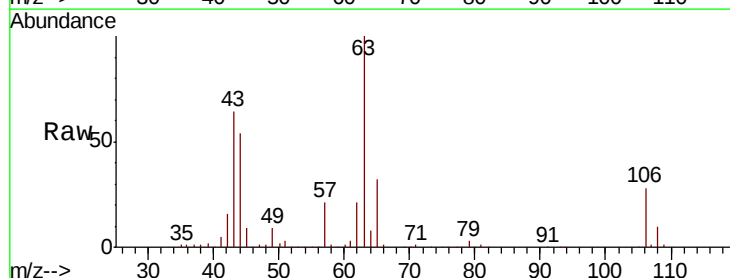
Acq: 23 Oct 2019 16:00

Tgt Ion: 63 Resp: 349385

Ion Ratio Lower Upper

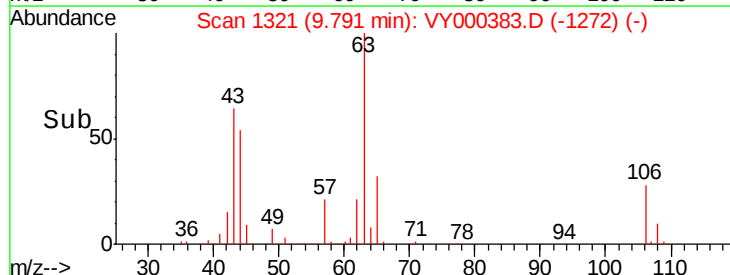
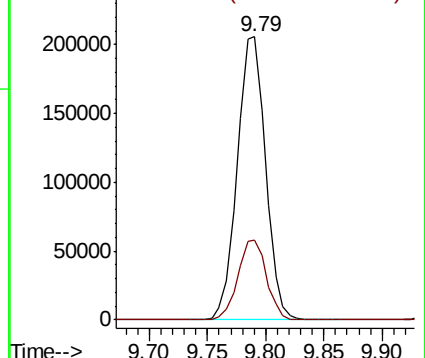
63 100

106 28.4 23.0 34.4



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

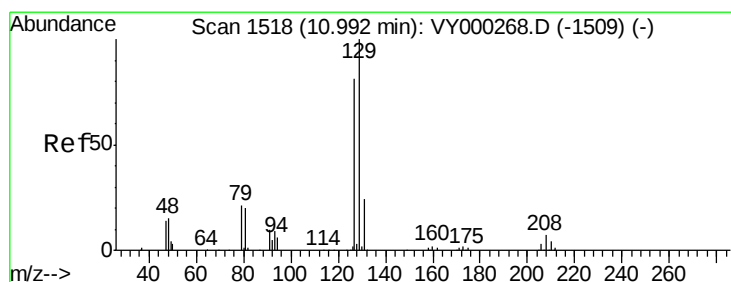
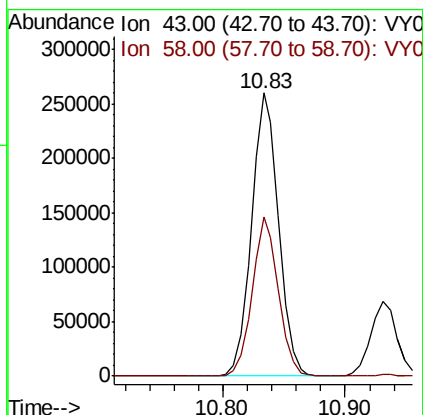
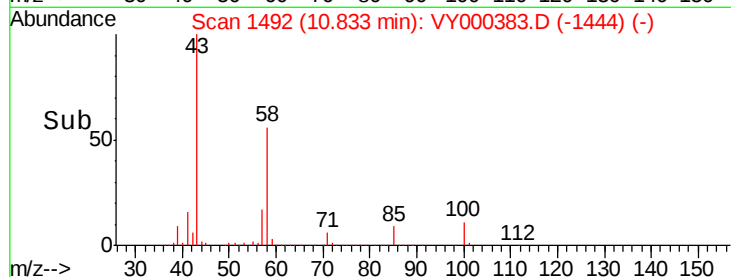
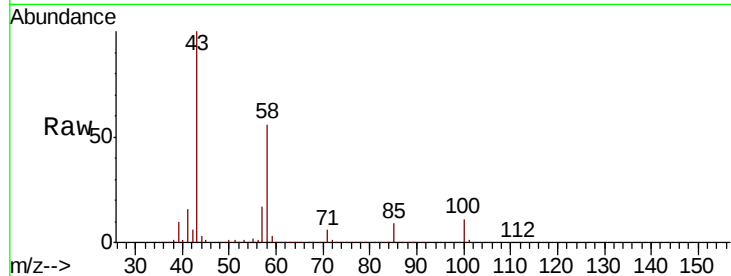




#59
2-Hexanone
Concen: 279.469 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.01 min
Lab File: VY000383.D
Acq: 23 Oct 2019 16:00

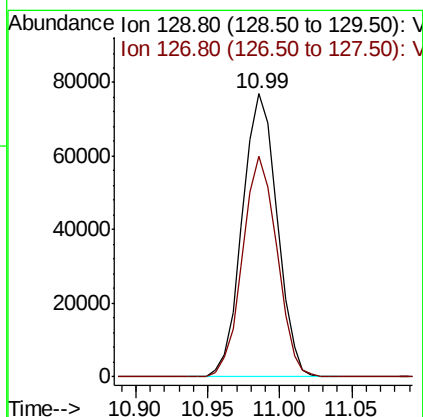
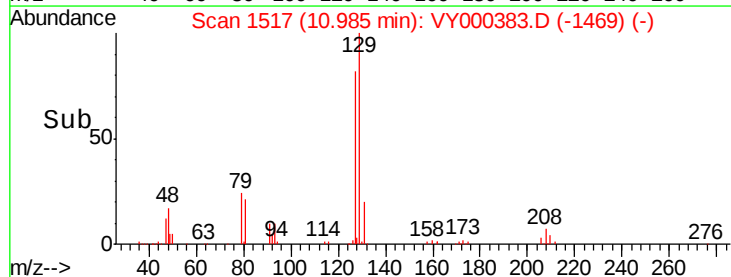
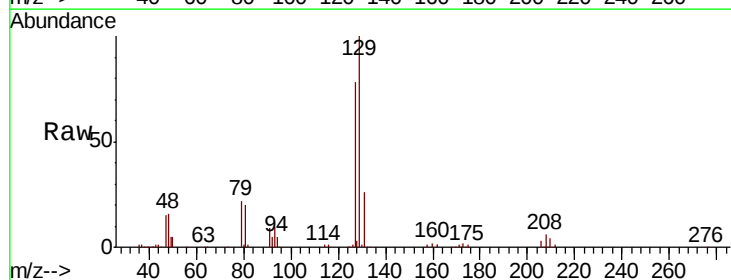
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 43 Resp: 399551
Ion Ratio Lower Upper
43 100
58 54.5 27.7 83.1



#60
Dibromochloromethane
Concen: 57.615 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.01 min
Lab File: VY000383.D
Acq: 23 Oct 2019 16:00

Tgt Ion:129 Resp: 129114
Ion Ratio Lower Upper
129 100
127 77.1 39.9 119.7

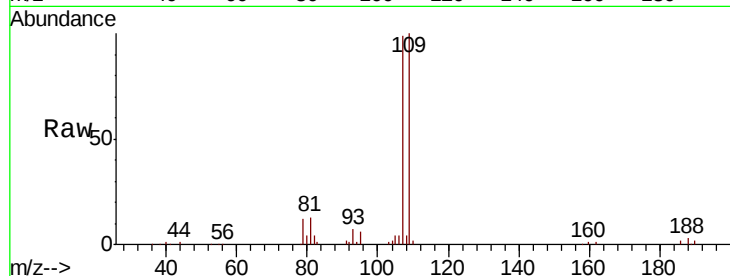




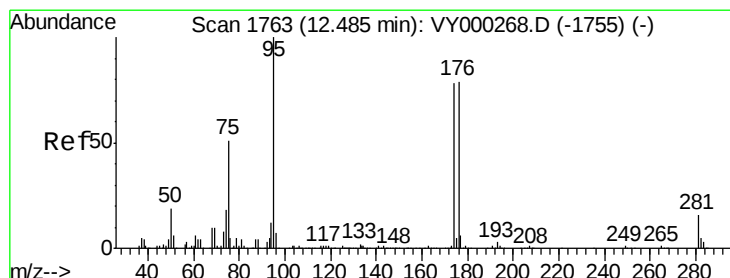
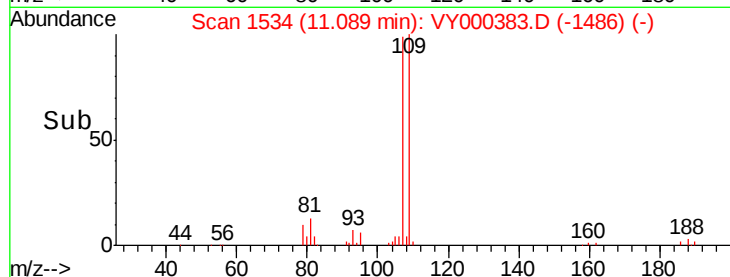
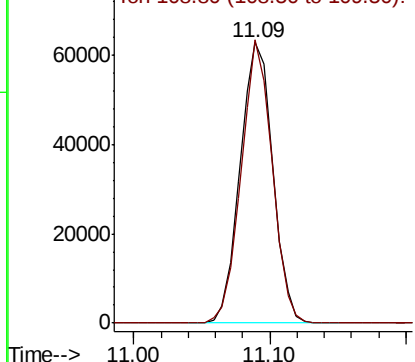
#61
1,2-Dibromoethane
Concen: 54.192 ug/l
RT: 11.09 min Scan# 1534
Delta R.T. -0.01 min
Lab File: VY000383.D
Acq: 23 Oct 2019 16:00

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 107 Resp: 105204
Ion Ratio Lower Upper
107 100
109 95.6 75.1 112.7

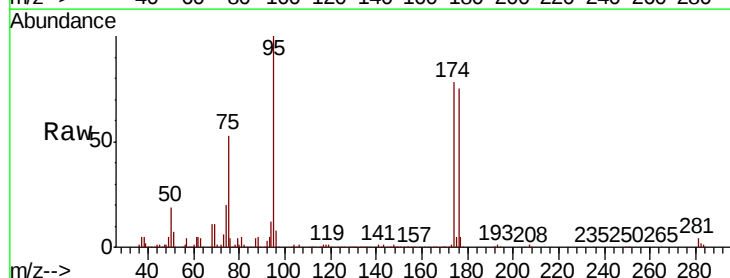


Abundance Ion 106.90 (106.60 to 107.60): V
Ion 108.80 (108.50 to 109.50): V

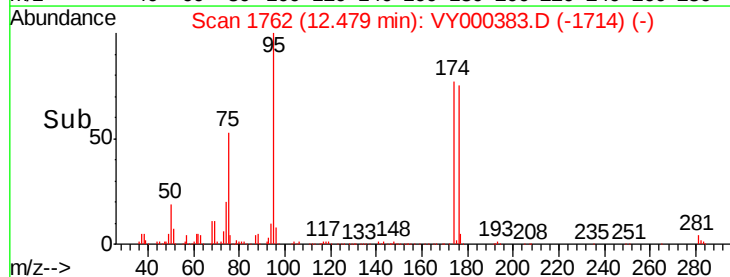
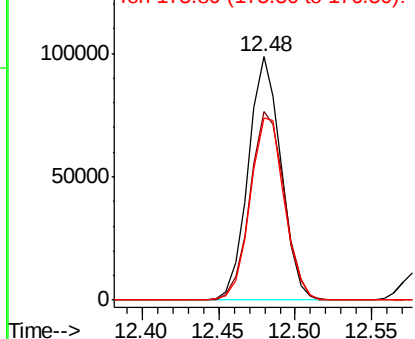


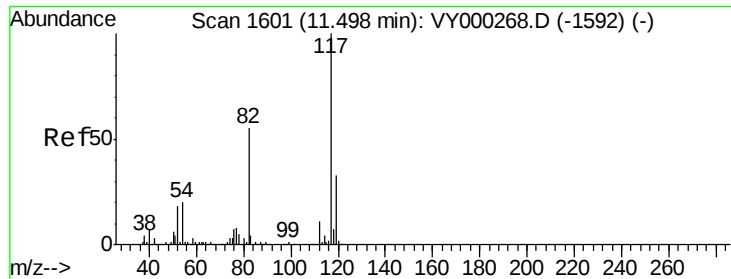
#62
4-Bromofluorobenzene
Concen: 46.482 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.01 min
Lab File: VY000383.D
Acq: 23 Oct 2019 16:00

Tgt Ion: 95 Resp: 146801
Ion Ratio Lower Upper
95 100
174 81.3 0.0 159.6
176 78.5 0.0 153.8



Abundance Ion 94.90 (94.60 to 95.60): VY0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

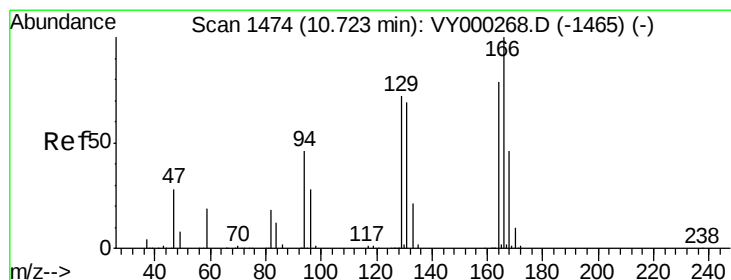
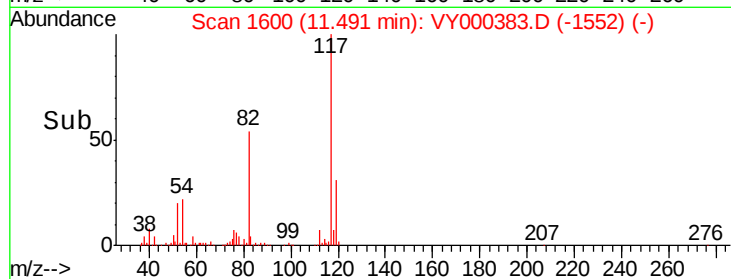
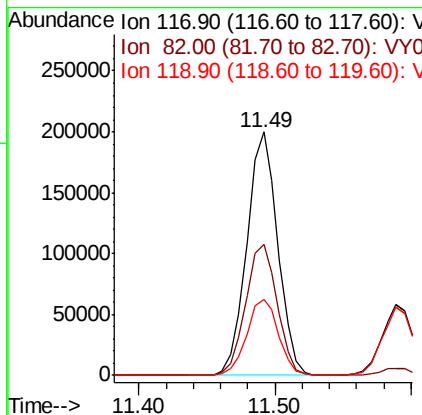
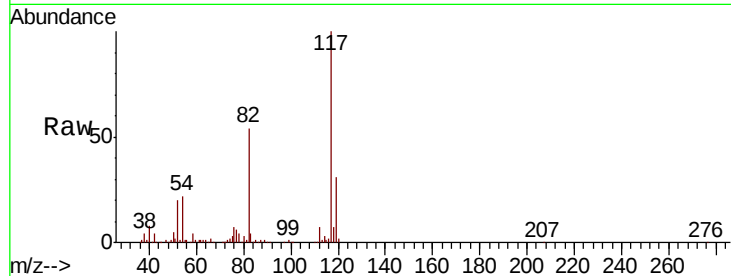




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY000383.D
Acq: 23 Oct 2019 16:00

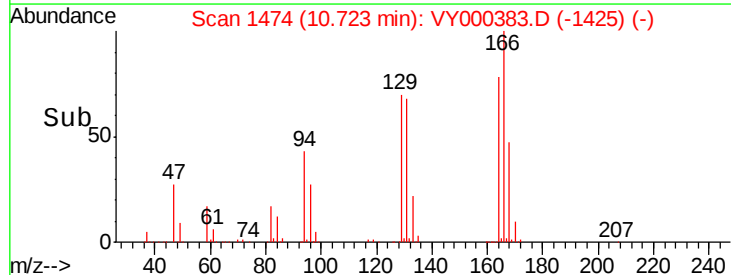
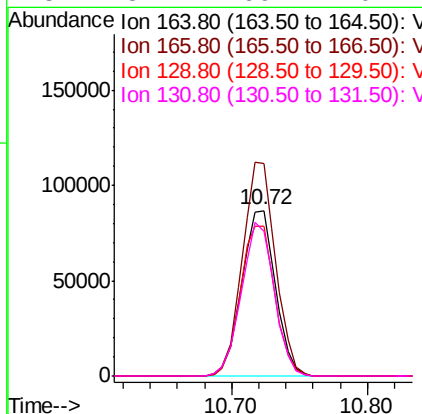
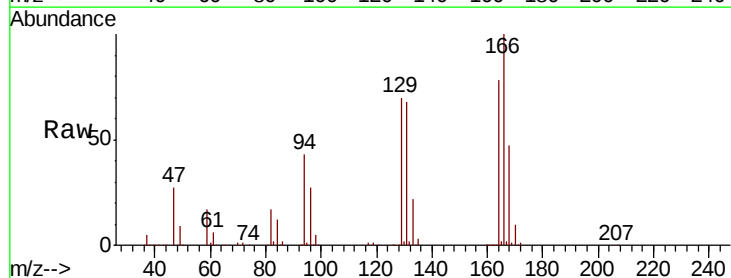
Instrument :
MSVOA_Y
ClientSampleId :

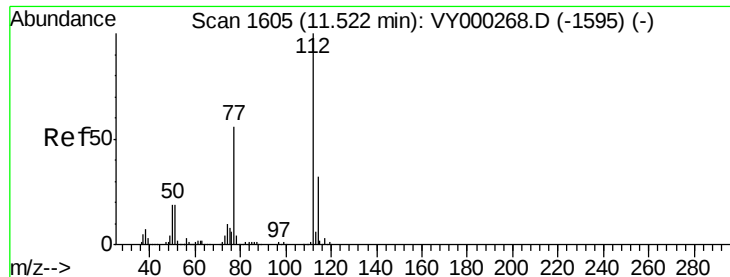
Tot Ion:117 Resp: 317634
Ion Ratio Lower Upper
117 100
82 53.7 43.7 65.5
119 31.1 26.6 39.8



#64
Tetrachloroethene
Concen: 49.655 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VY000383.D
Acq: 23 Oct 2019 16:00

Tgt Ion:164 Resp: 150154
Ion Ratio Lower Upper
164 100
166 128.3 100.6 151.0
129 90.4 72.8 109.2
131 87.2 69.4 104.2

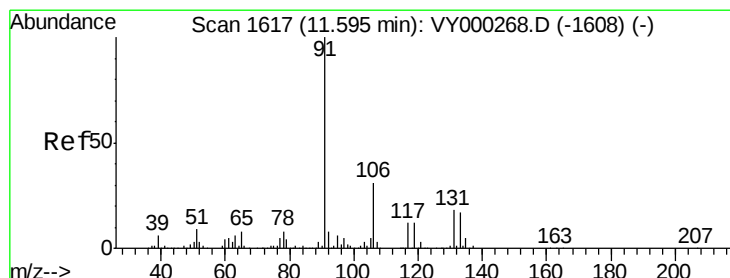
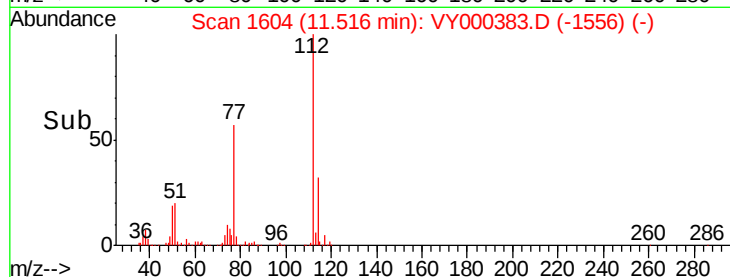
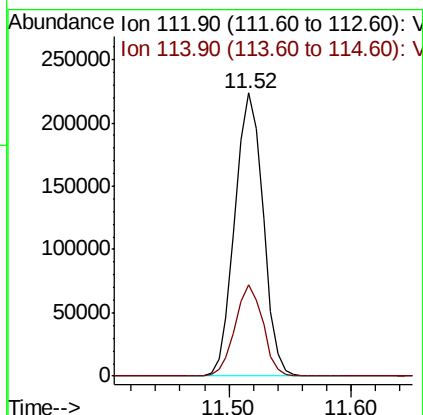
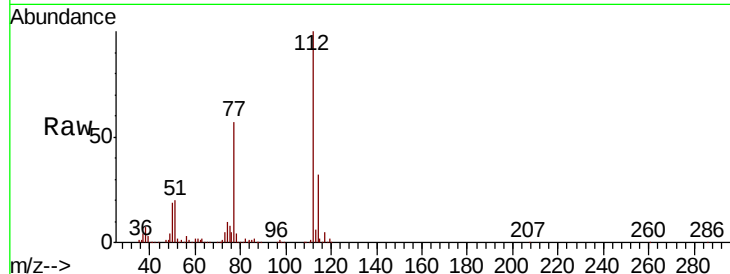




#65
Chlorobenzene
Concen: 53.398 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.01 min
Lab File: VY000383.D
Acq: 23 Oct 2019 16:00

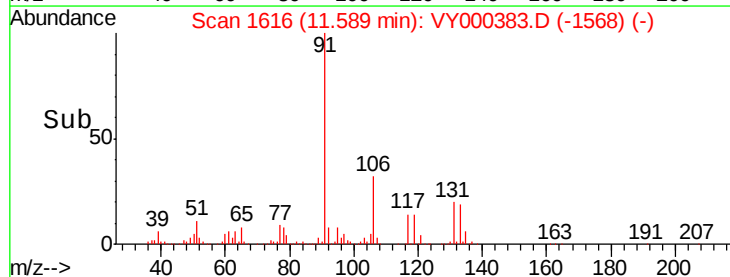
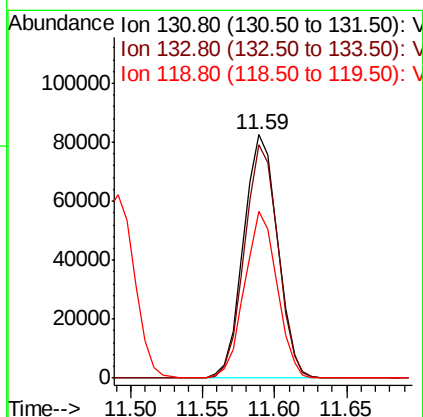
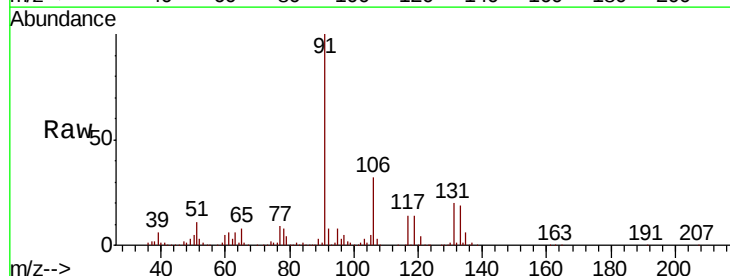
Instrument :
MSVOA_Y
ClientSampleId :

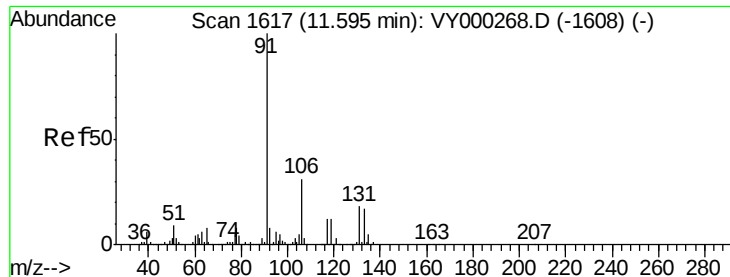
Tot Ion:112 Resp: 357950
Ion Ratio Lower Upper
112 100
114 32.1 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 57.232 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.01 min
Lab File: VY000383.D
Acq: 23 Oct 2019 16:00

Tgt Ion:131 Resp: 134769
Ion Ratio Lower Upper
131 100
133 94.2 47.2 141.6
119 65.5 32.6 98.0





#67

Ethyl Benzene

Concen: 52.893 ug/l

RT: 11.60 min Scan# 1617

Delta R.T. -0.00 min

Lab File: VY000383.D

Acq: 23 Oct 2019 16:00

Instrument :

MSVOA_Y

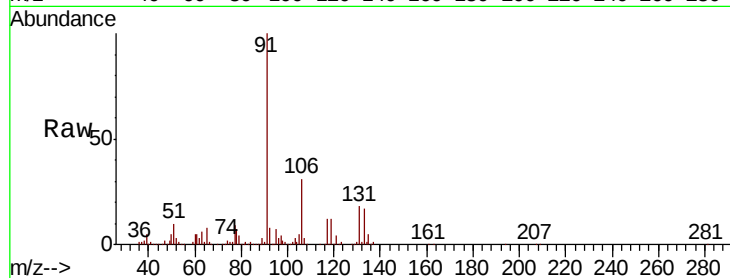
ClientSampleId :

Tot Ion: 91 Resp: 657286

Ion Ratio Lower Upper

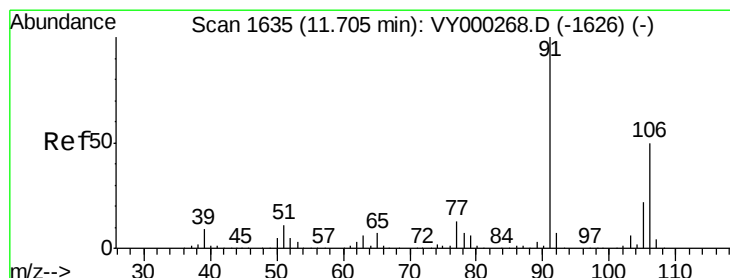
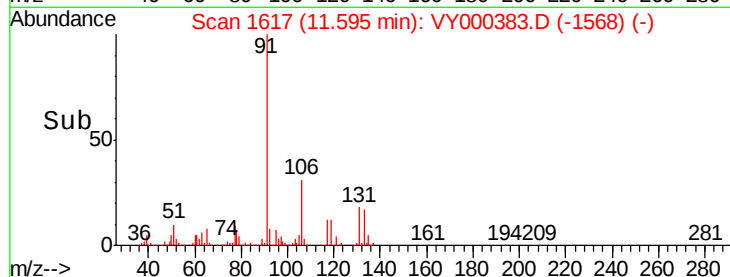
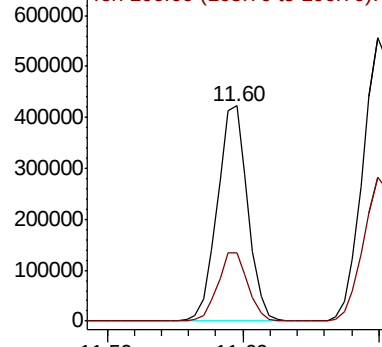
91 100

106 31.5 25.0 37.6



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 106.628 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. -0.01 min

Lab File: VY000383.D

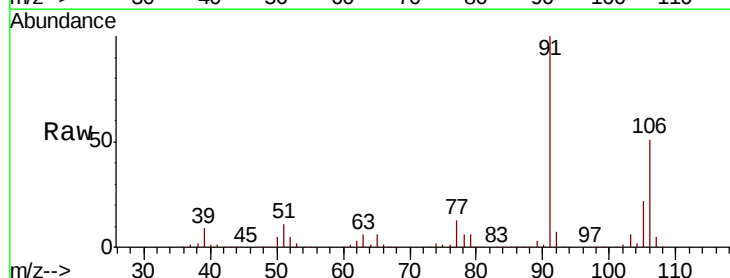
Acq: 23 Oct 2019 16:00

Tgt Ion: 106 Resp: 506540

Ion Ratio Lower Upper

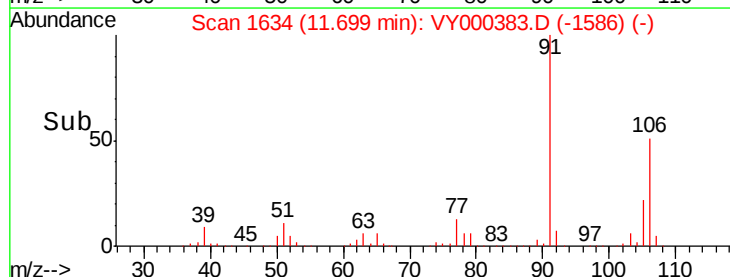
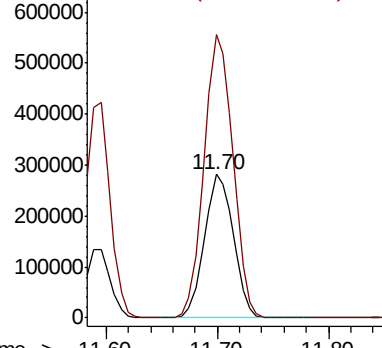
106 100

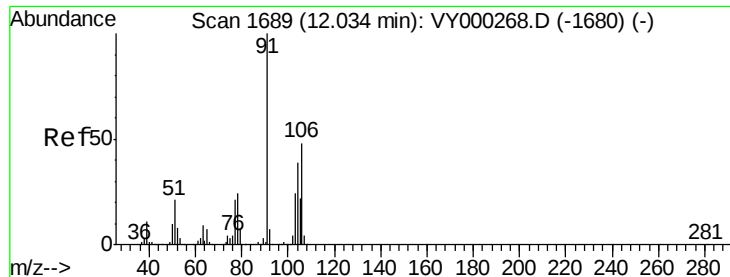
91 197.4 157.5 236.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VY0

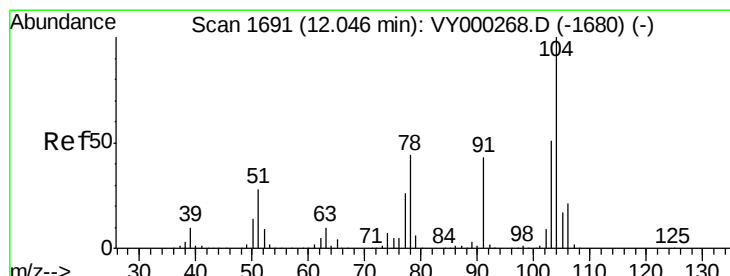
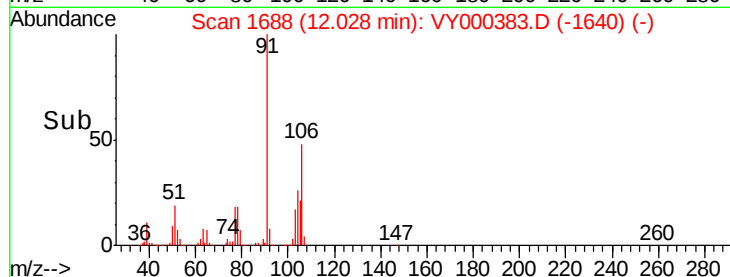
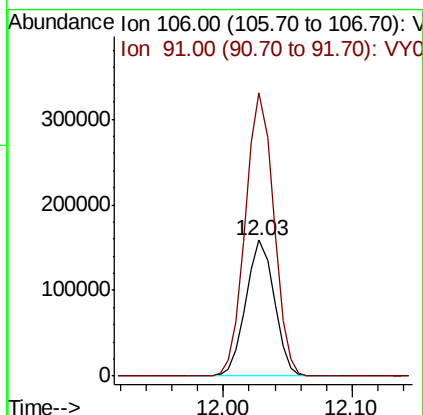
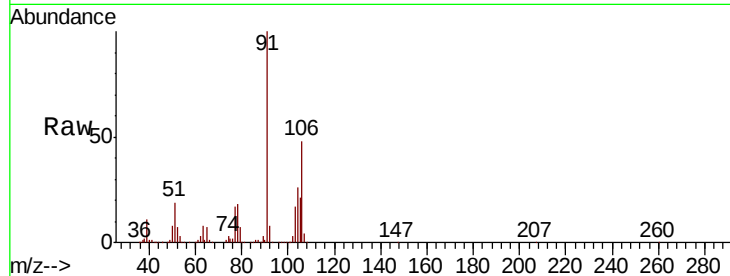




#69
o-Xylene
Concen: 53.326 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.01 min
Lab File: VY000383.D
Acq: 23 Oct 2019 16:00

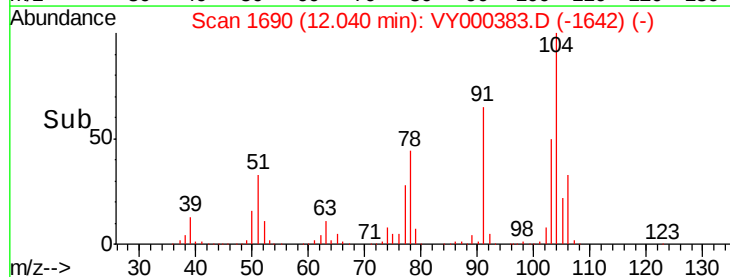
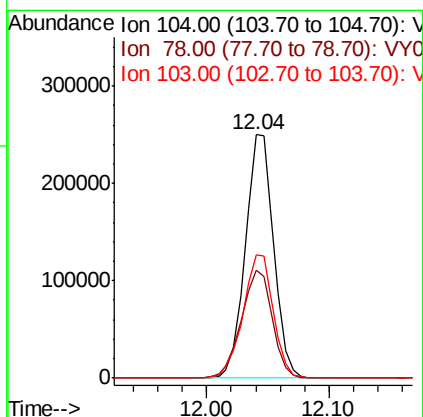
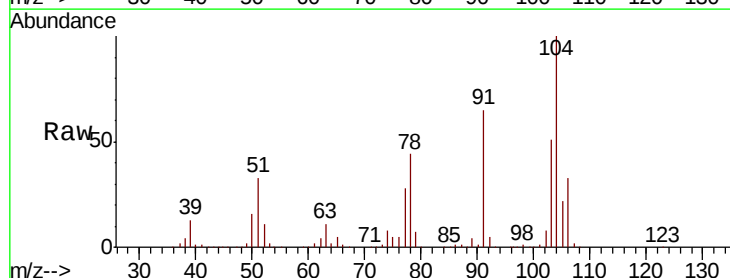
Instrument :
MSVOA_Y
ClientSampled :

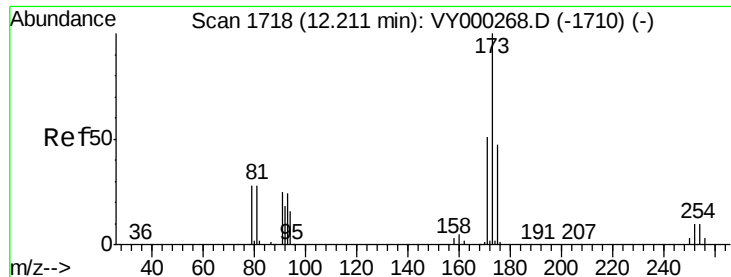
Tot Ion:106 Resp: 241666
Ion Ratio Lower Upper
106 100
91 208.7 104.7 313.9



#70
Styrene
Concen: 52.669 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.01 min
Lab File: VY000383.D
Acq: 23 Oct 2019 16:00

Tgt Ion:104 Resp: 402548
Ion Ratio Lower Upper
104 100
78 48.3 39.0 58.6
103 54.2 43.1 64.7





#71

Bromoform

Concen: 56.789 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. -0.01 min

Lab File: VY000383.D

Acq: 23 Oct 2019 16:00

Instrument :

MSVOA_Y

ClientSampleId :

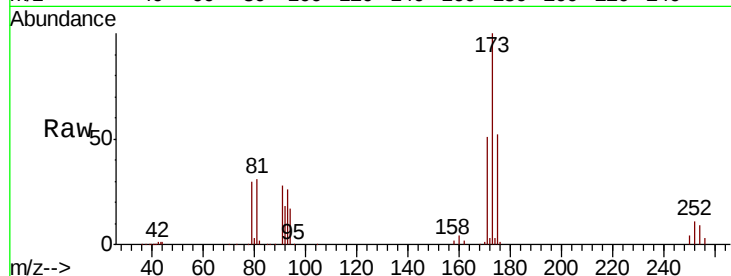
Tot Ion:173 Resp: 76875

Ion Ratio Lower Upper

173 100

175 48.9 24.6 73.6

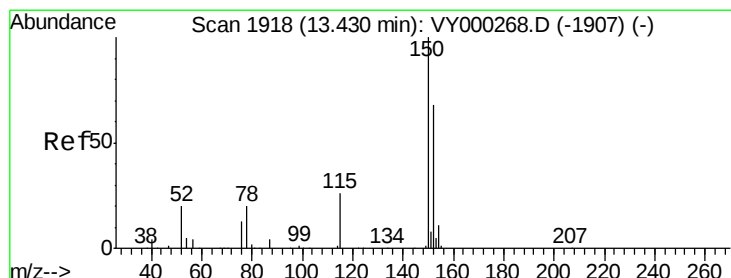
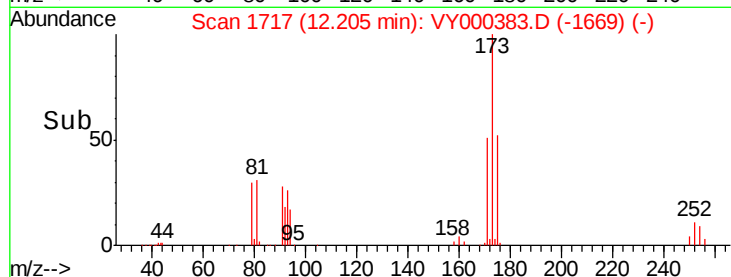
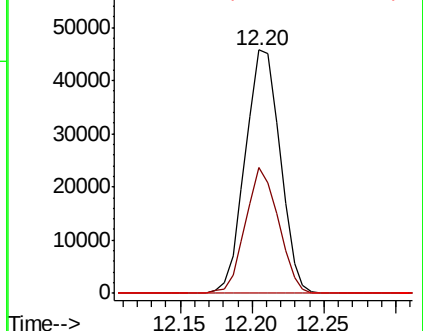
254 0.1 0.1 0.1



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. -0.01 min

Lab File: VY000383.D

Acq: 23 Oct 2019 16:00

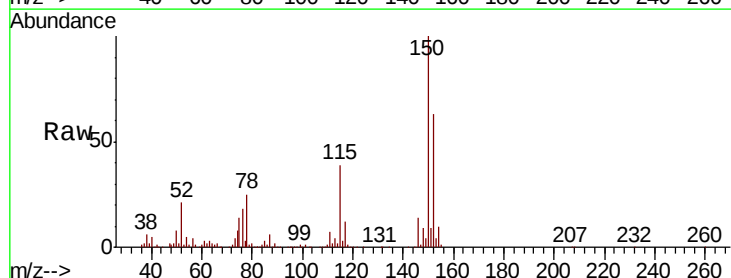
Tgt Ion:152 Resp: 142543

Ion Ratio Lower Upper

152 100

115 58.5 29.3 88.0

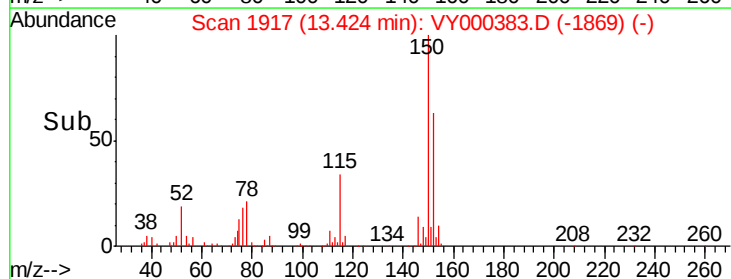
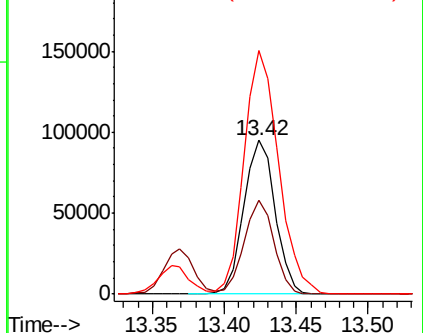
150 174.9 0.0 348.4

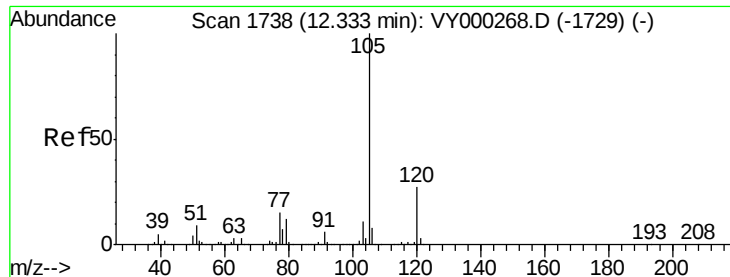


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 57.976 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.01 min

Lab File: VY000383.D

Acq: 23 Oct 2019 16:00

Instrument :

MSVOA_Y

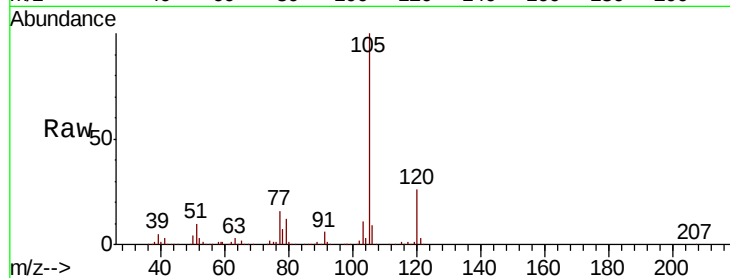
ClientSampleId :

Tot Ion:105 Resp: 644376

Ion Ratio Lower Upper

105 100

120 26.7 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.33

400000

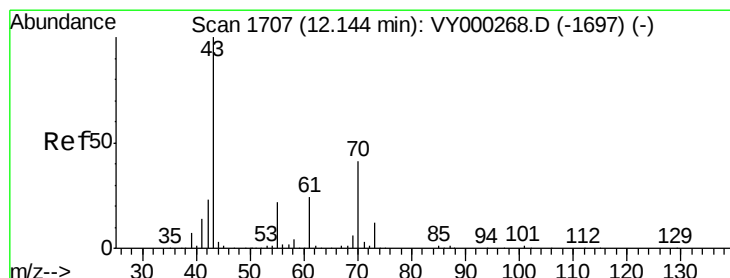
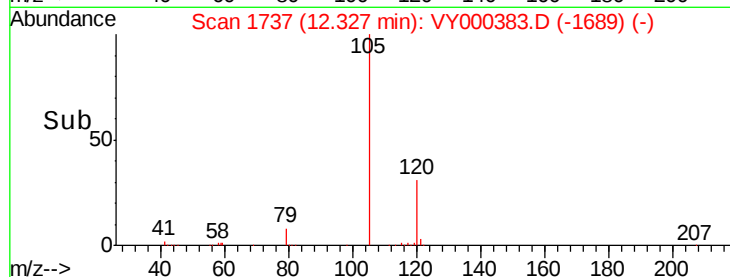
300000

200000

100000

0

Time-->



#74

N-ethyl acetate

Concen: 32.711 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VY000383.D

Acq: 23 Oct 2019 16:00

Tgt Ion: 43 Resp: 89255

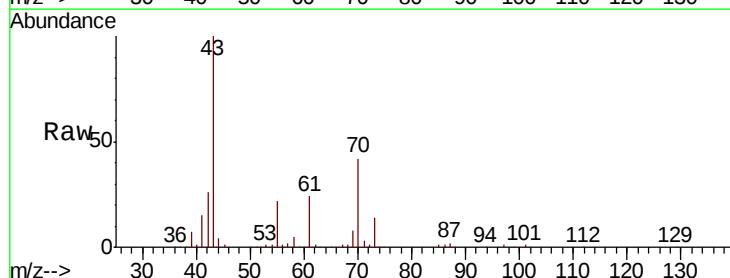
Ion Ratio Lower Upper

43 100

70 42.1 32.9 49.3

55 22.8 17.8 26.6

61 24.9 19.5 29.3



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0

100000

80000

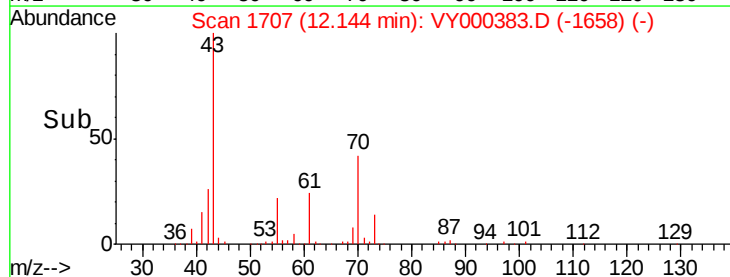
60000

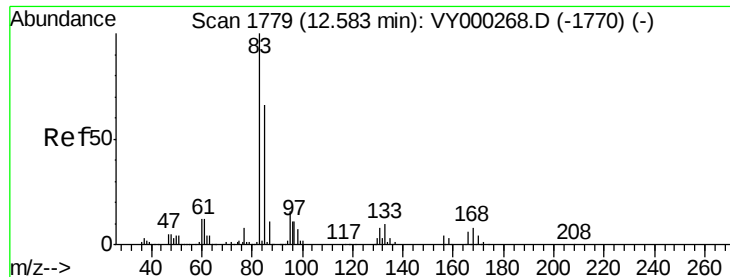
40000

20000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 61.723 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY000383.D

Acq: 23 Oct 2019 16:00

Instrument :

MSVOA_Y

ClientSampled :

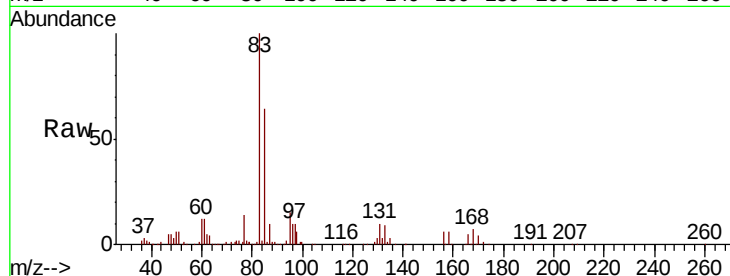
Tot Ion: 83 Resp: 128805

Ion Ratio Lower Upper

83 100

131 10.4 5.3 16.1

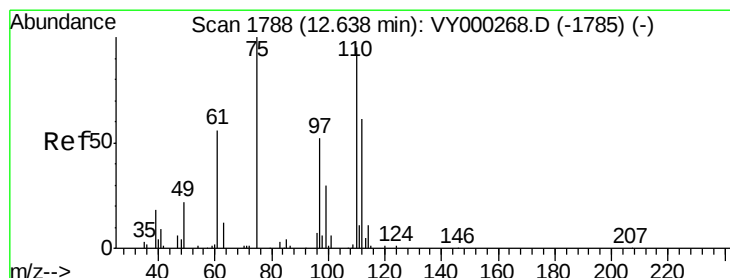
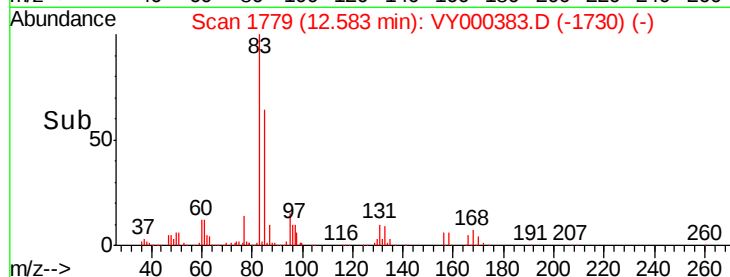
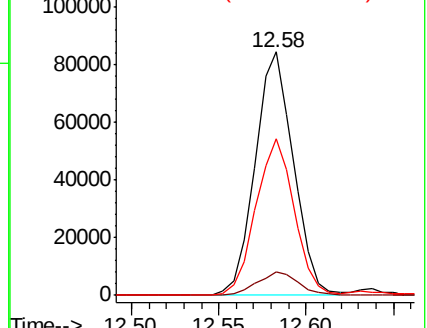
85 64.7 32.9 98.7



Abundance Ion 82.90 (82.60 to 83.60): VY000383.D (-1730) (-)

Ion 130.80 (130.50 to 131.50): VY000383.D (-1730) (-)

Ion 84.90 (84.60 to 85.60): VY000383.D (-1730) (-)



#76

1,2,3-Trichloropropane

Concen: 101.575 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. -0.01 min

Lab File: VY000383.D

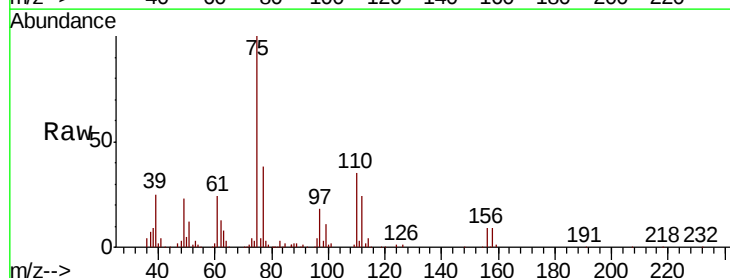
Acq: 23 Oct 2019 16:00

Tgt Ion: 75 Resp: 178040

Ion Ratio Lower Upper

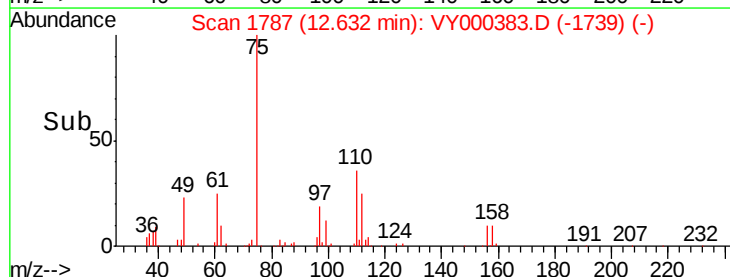
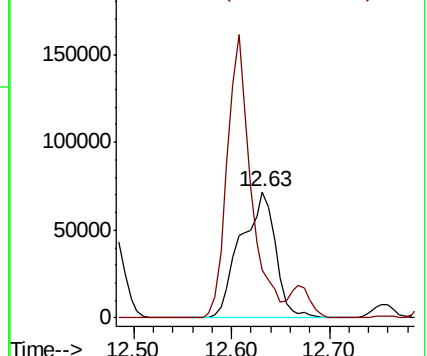
75 100

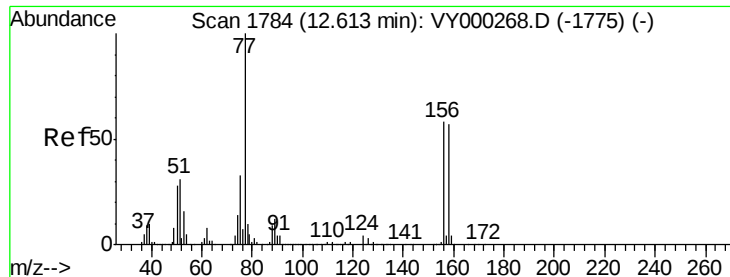
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY000383.D (-1739) (-)

Ion 77.00 (76.70 to 77.70): VY000383.D (-1739) (-)





#77

Bromobenzene

Concen: 58.536 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.01 min

Lab File: VY000383.D

Acq: 23 Oct 2019 16:00

Instrument :

MSVOA_Y

ClientSampleId :

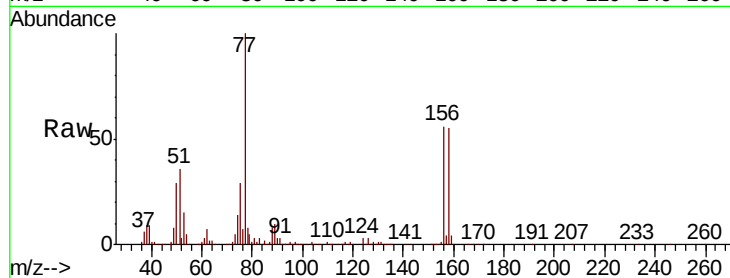
Tot Ion:156 Resp: 144773

Ion Ratio Lower Upper

156 100

77 188.3 101.0 302.9

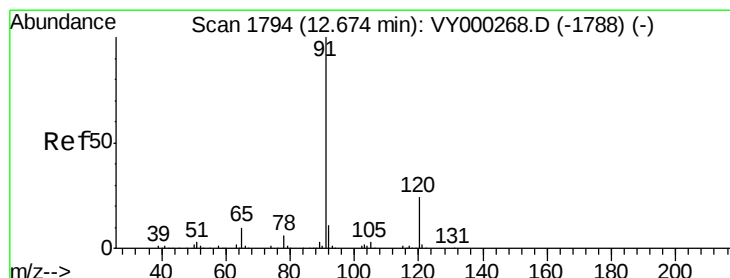
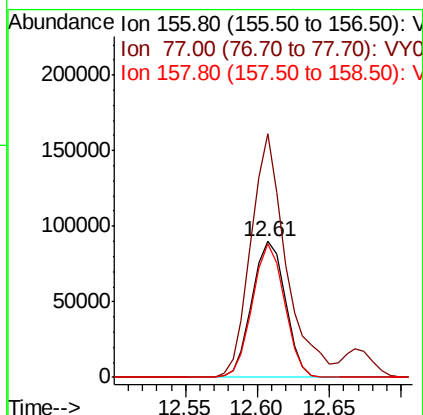
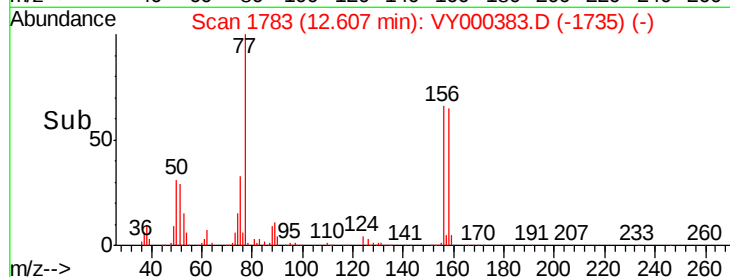
158 94.4 49.7 149.1



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 56.084 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. -0.01 min

Lab File: VY000383.D

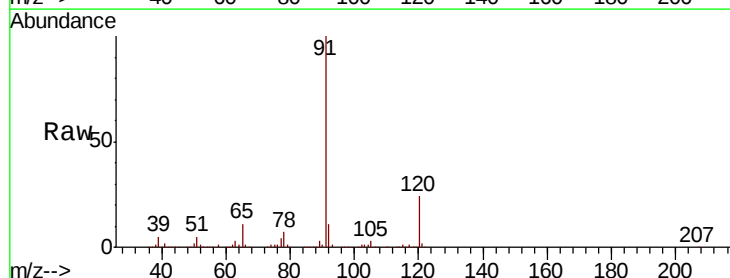
Acq: 23 Oct 2019 16:00

Tgt Ion: 91 Resp: 748422

Ion Ratio Lower Upper

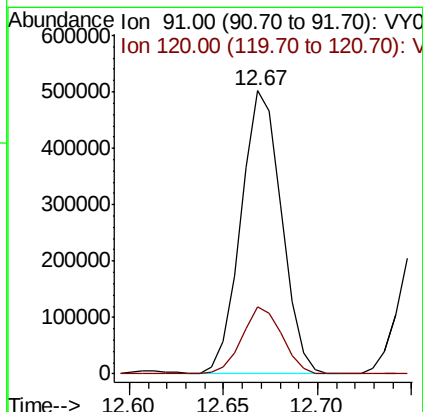
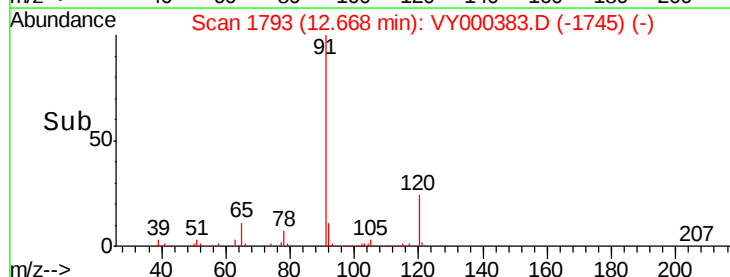
91 100

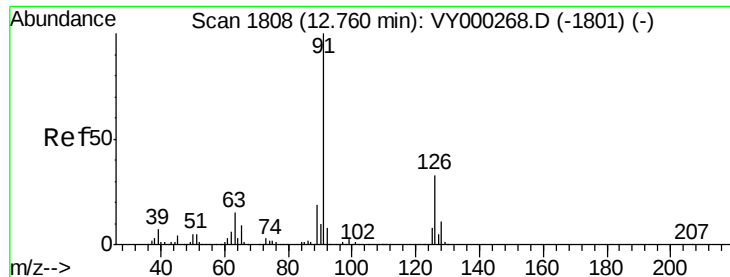
120 23.5 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 58.072 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. -0.01 min

Lab File: VY000383.D

Acq: 23 Oct 2019 16:00

Instrument :

MSVOA_Y

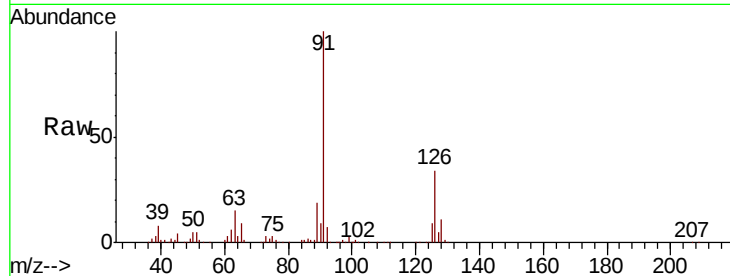
ClientSampleId :

Tot Ion: 91 Resp: 427977

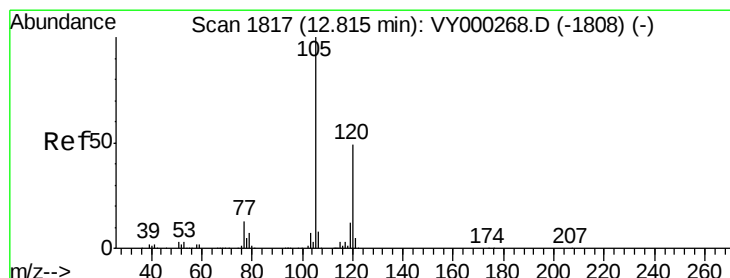
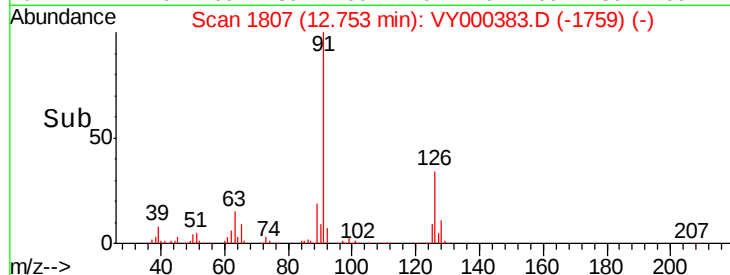
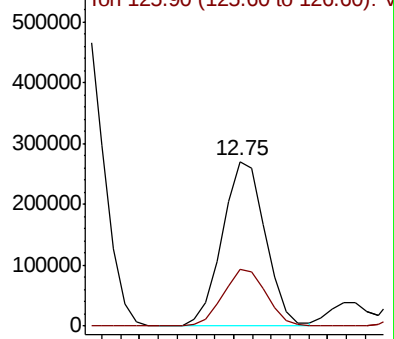
Ion Ratio Lower Upper

91 100

126 34.5 17.1 51.3



Abundance Ion 91.00 (90.70 to 91.70): VY000383.D (-1759) (-)



#80

1,3,5-Trimethylbenzene

Concen: 57.359 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. -0.01 min

Lab File: VY000383.D

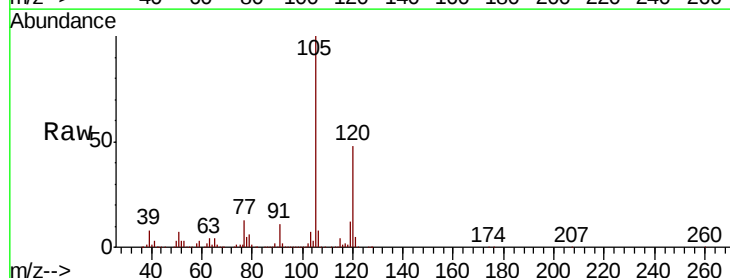
Acq: 23 Oct 2019 16:00

Tgt Ion:105 Resp: 534579

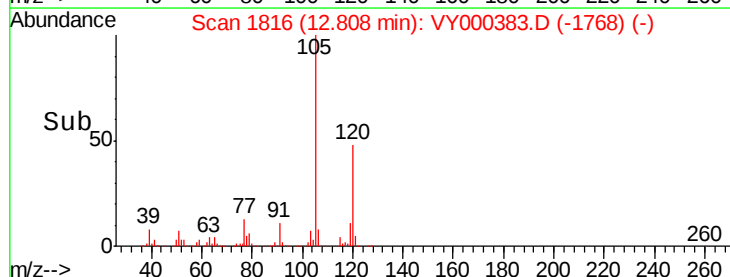
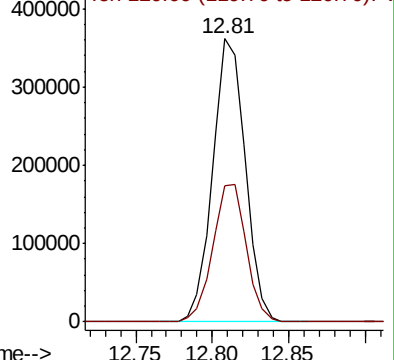
Ion Ratio Lower Upper

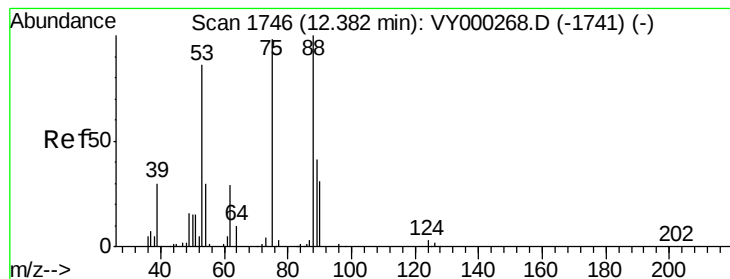
105 100

120 49.8 24.9 74.8



Abundance Ion 105.00 (104.70 to 105.70): VY000383.D (-1768) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 59.528 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. -0.01 min

Lab File: VY000383.D

Acq: 23 Oct 2019 16:00

Instrument :

MSVOA_Y

ClientSampleId :

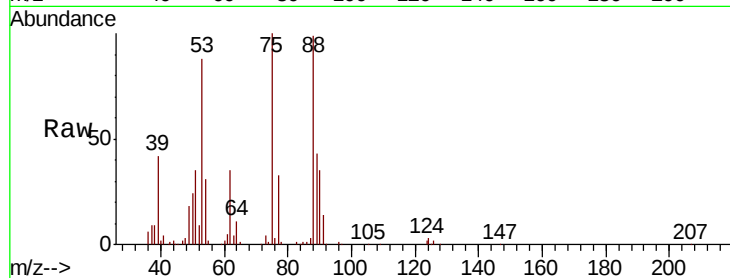
Tot Ion: 75 Resp: 47688

Ion Ratio Lower Upper

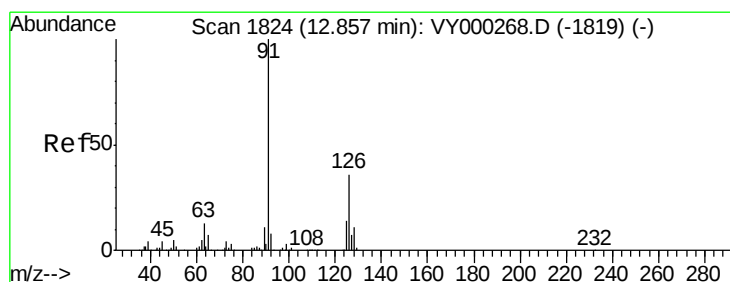
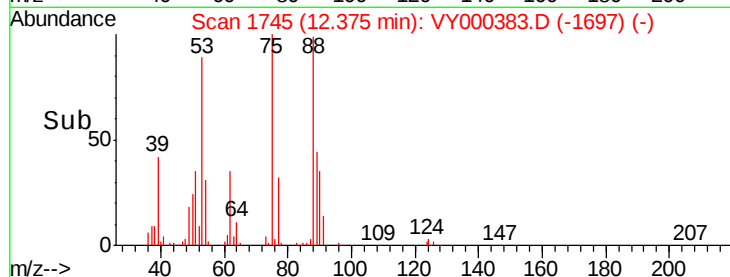
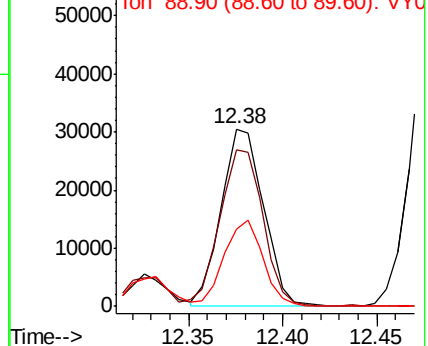
75 100

53 89.9 71.3 106.9

89 44.8 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



#82

4-Chlorotoluene

Concen: 55.330 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. -0.01 min

Lab File: VY000383.D

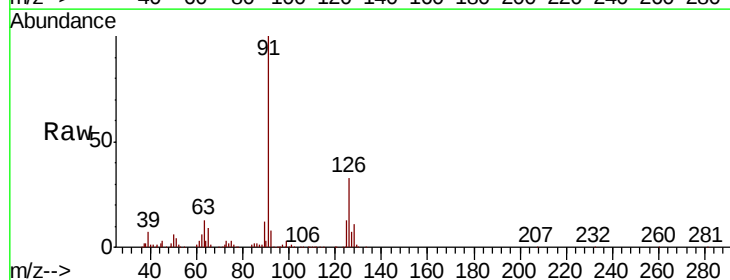
Acq: 23 Oct 2019 16:00

Tgt Ion: 91 Resp: 431038

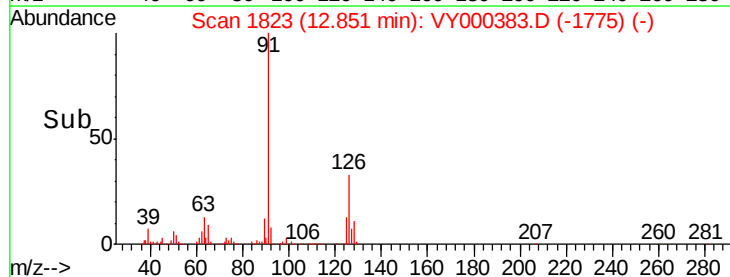
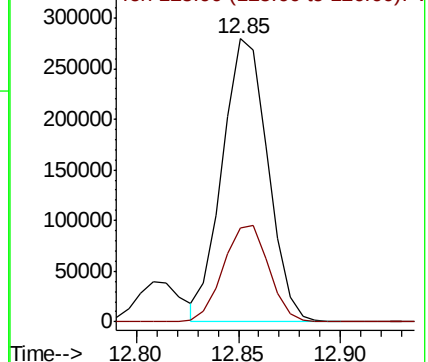
Ion Ratio Lower Upper

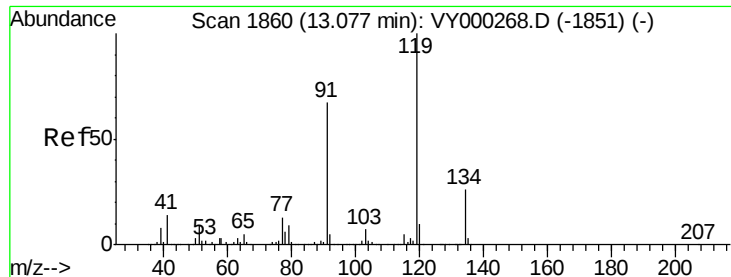
91 100

126 34.4 17.2 51.5



Abundance Ion 91.00 (90.70 to 91.70): VY0
Ion 125.90 (125.60 to 126.60): V

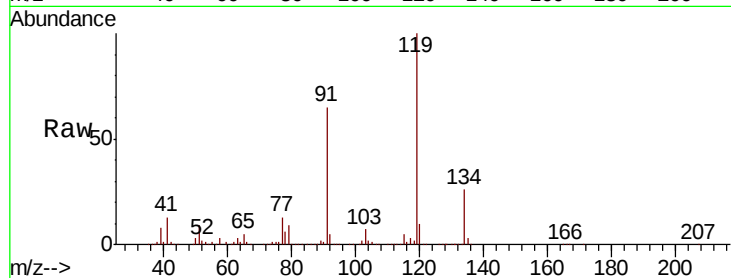




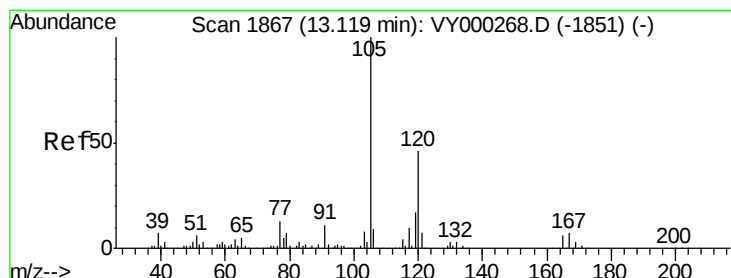
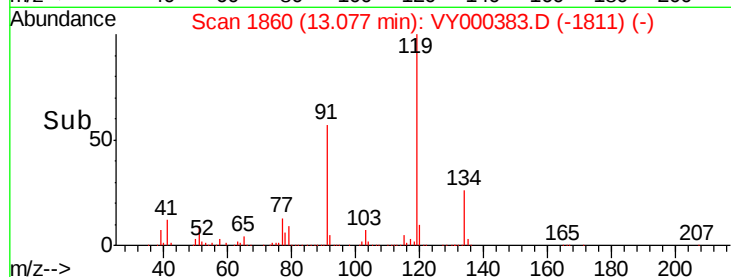
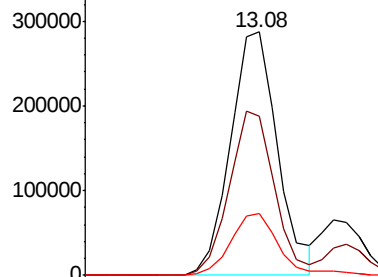
#83
tert-Butylbenzene
Concen: 58.611 ug/l
RT: 13.08 min Scan# 1860
Delta R.T. -0.00 min
Lab File: VY000383.D
Acq: 23 Oct 2019 16:00

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:119 Resp: 462580
Ion Ratio Lower Upper
119 100
91 64.8 32.9 98.7
134 25.7 13.3 39.8

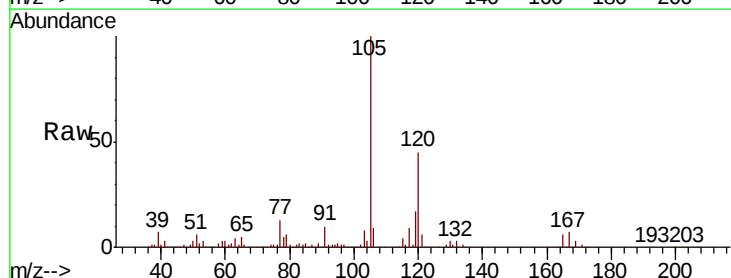


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VY0
Ion 134.00 (133.70 to 134.70): V

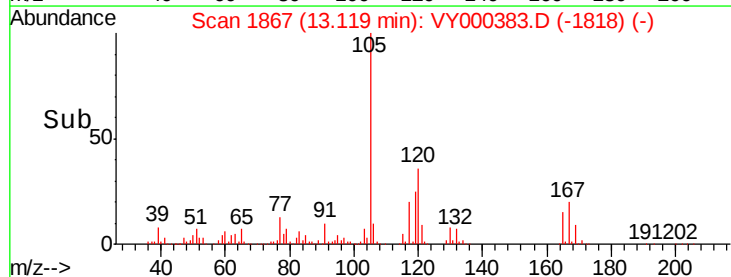
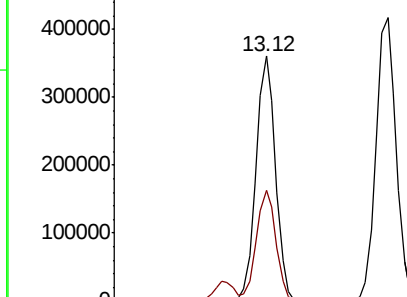


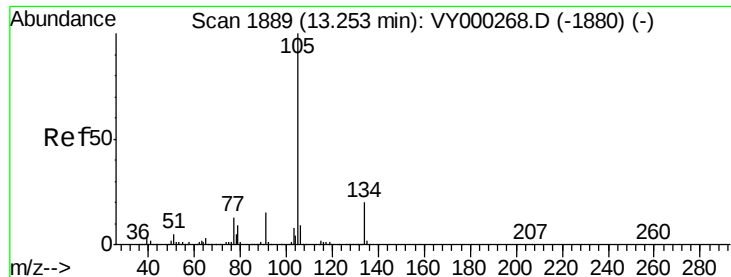
#84
1,2,4-Trimethylbenzene
Concen: 58.261 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. -0.00 min
Lab File: VY000383.D
Acq: 23 Oct 2019 16:00

Tgt Ion:105 Resp: 535907
Ion Ratio Lower Upper
105 100
120 45.7 22.9 68.8



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





#85

sec-Butylbenzene

Concen: 55.711 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY000383.D

Acq: 23 Oct 2019 16:00

Instrument :

MSVOA_Y

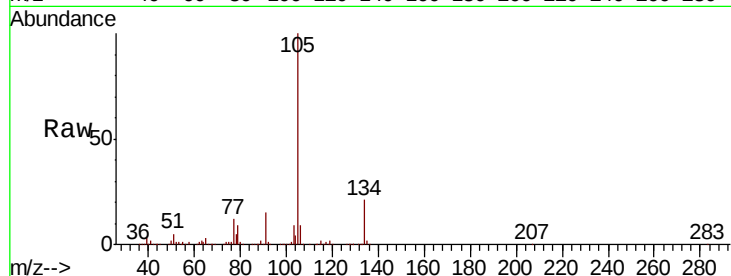
ClientSampleId :

Tot Ion:105 Resp: 636071

Ion Ratio Lower Upper

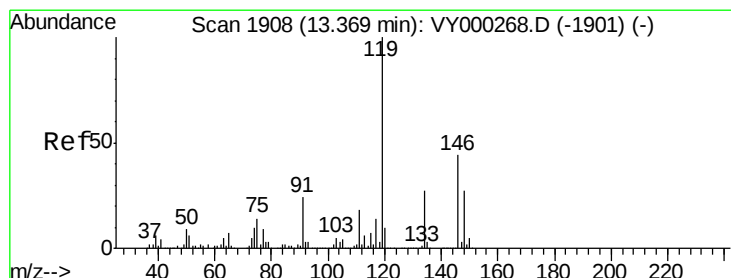
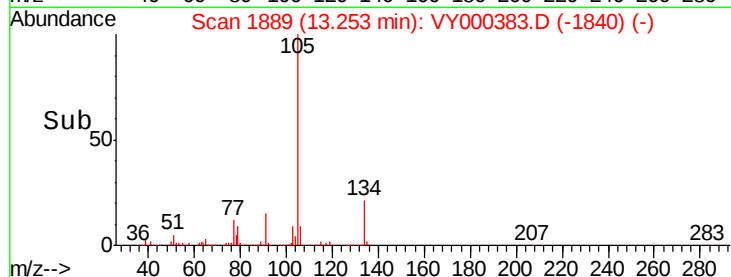
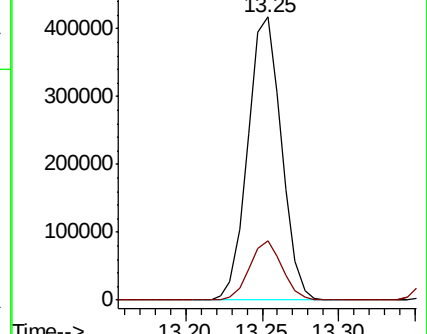
105 100

134 20.2 10.1 30.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 56.200 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY000383.D

Acq: 23 Oct 2019 16:00

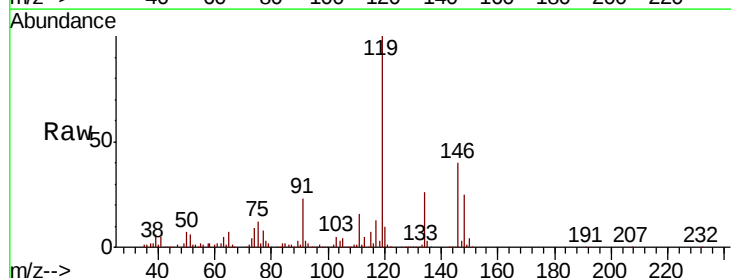
Tgt Ion:119 Resp: 559400

Ion Ratio Lower Upper

119 100

134 26.9 13.6 40.8

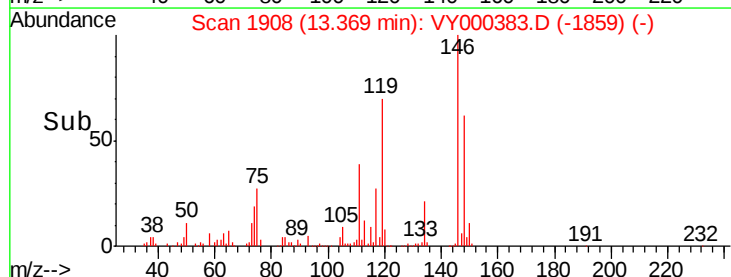
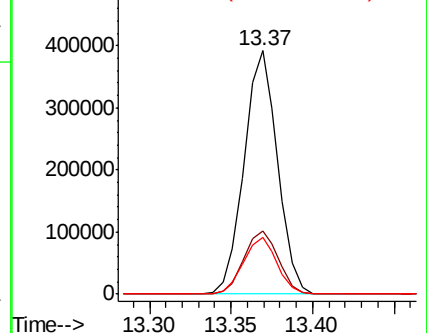
91 23.4 12.0 36.1

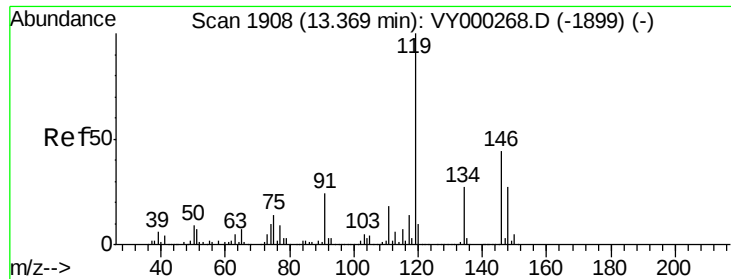


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

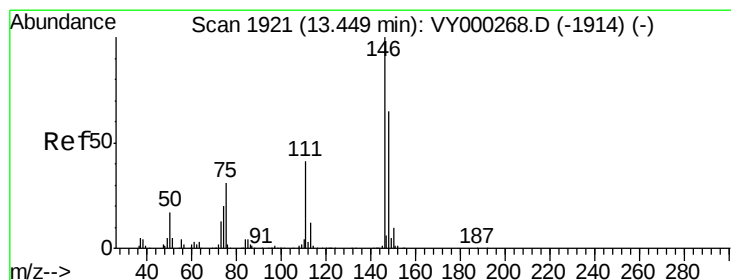
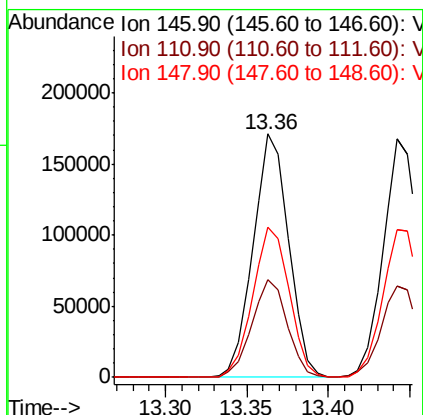
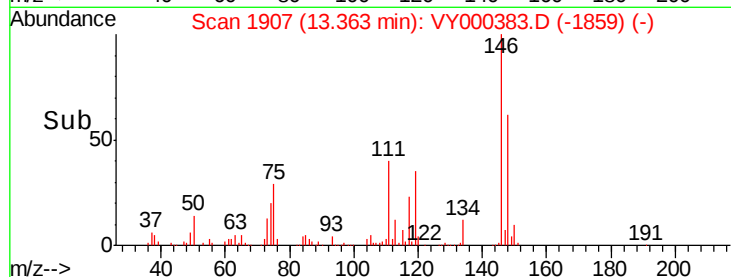
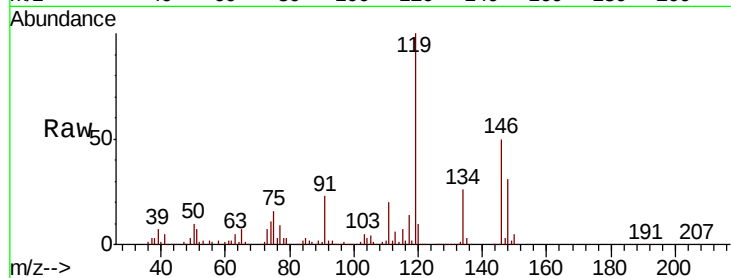




#87
 1,3-Dichlorobenzene
 Concen: 53.313 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.01 min
 Lab File: VY000383.D
 Acq: 23 Oct 2019 16:00

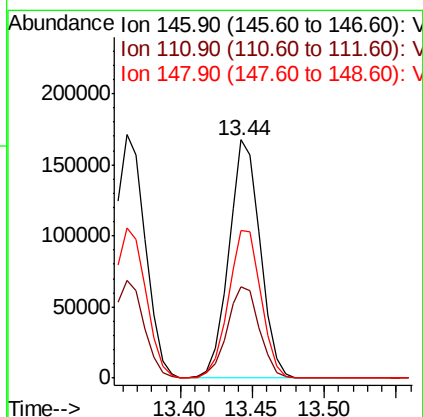
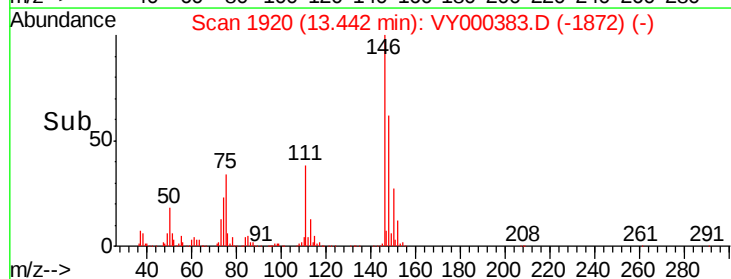
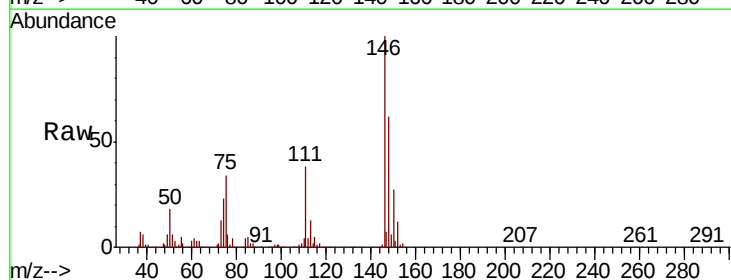
Instrument :
 MSVOA_Y
 ClientSampleId :

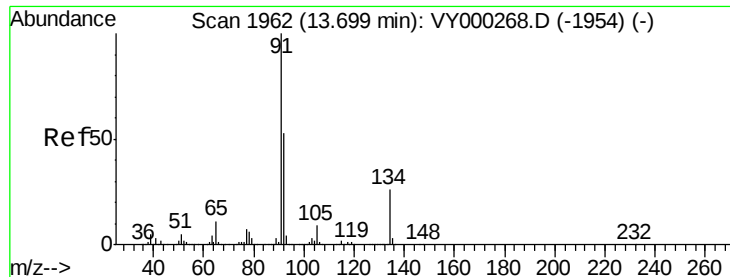
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.0	20.6	61.8
148	63.2	31.9	95.5



#88
 1,4-Dichlorobenzene
 Concen: 52.236 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. -0.01 min
 Lab File: VY000383.D
 Acq: 23 Oct 2019 16:00

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.6	20.1	60.2
148	64.4	32.4	97.2

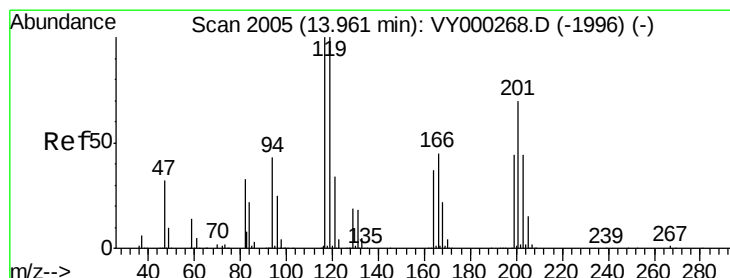
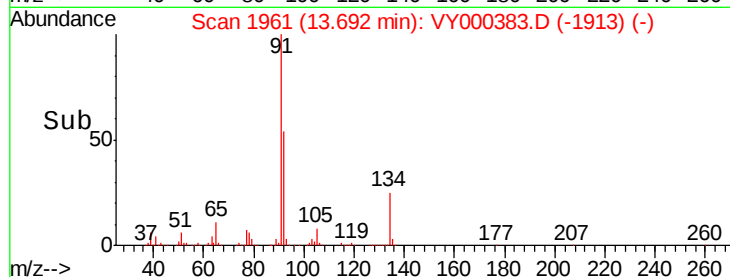
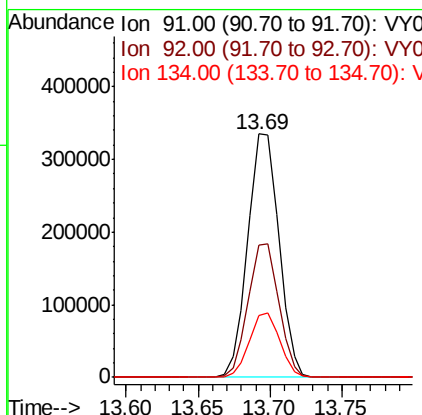
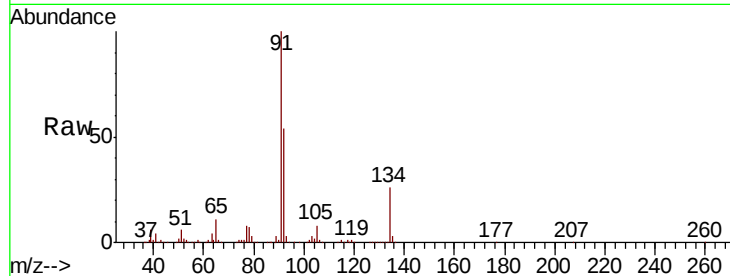




#89
n-Butylbenzene
Concen: 51.034 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. -0.01 min
Lab File: VY000383.D
Acq: 23 Oct 2019 16:00

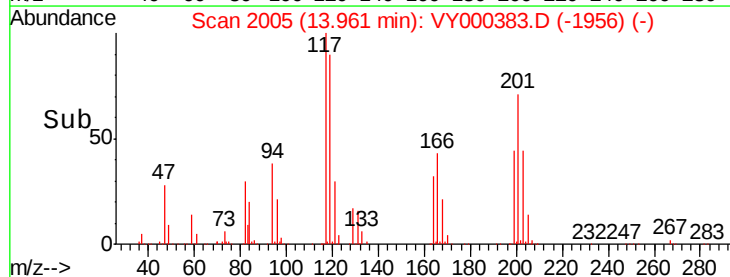
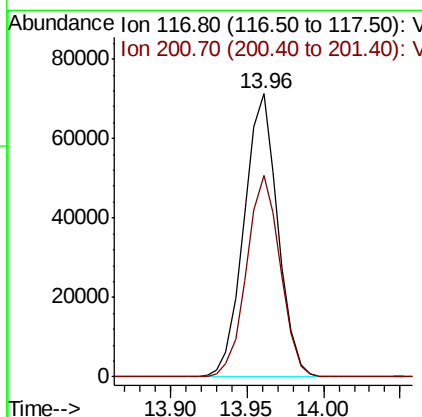
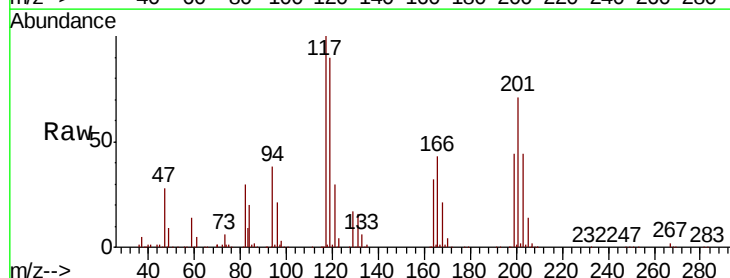
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 91 Resp: 501995
Ion Ratio Lower Upper
91 100
92 54.0 26.7 80.1
134 25.8 13.0 38.9



#90
Hexachloroethane
Concen: 59.231 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.00 min
Lab File: VY000383.D
Acq: 23 Oct 2019 16:00

Tgt Ion: 117 Resp: 109173
Ion Ratio Lower Upper
117 100
201 71.0 36.3 108.7

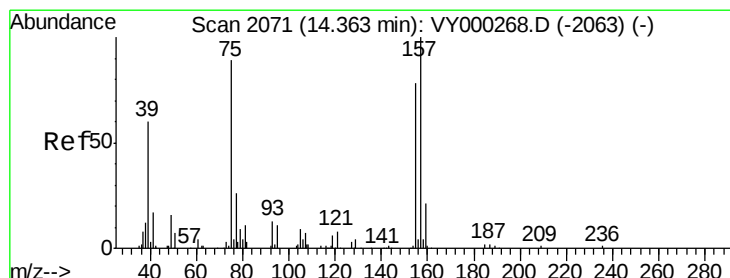
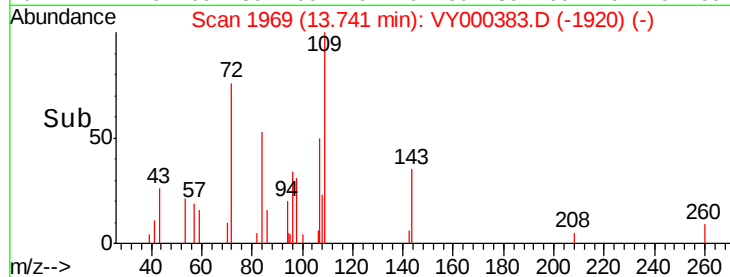
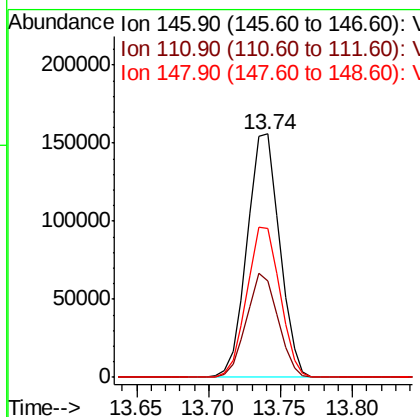
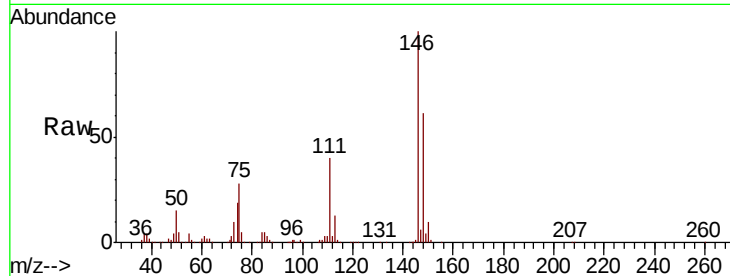




#91
 1,2-Dichlorobenzene
 Concen: 55.155 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. -0.00 min
 Lab File: VY000383.D
 Acq: 23 Oct 2019 16:00

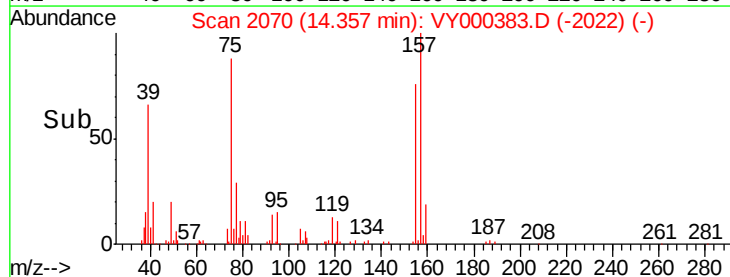
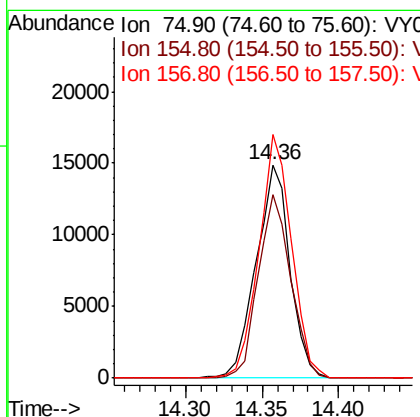
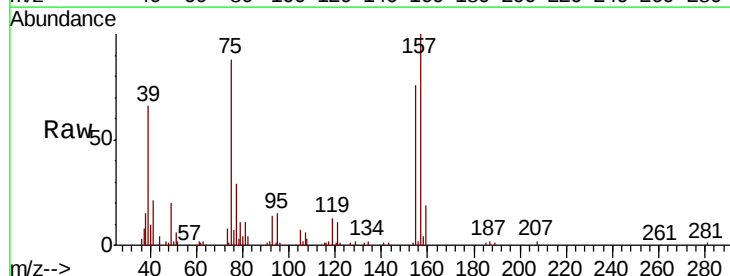
Instrument :
 MSVOA_Y
 ClientSampleId :

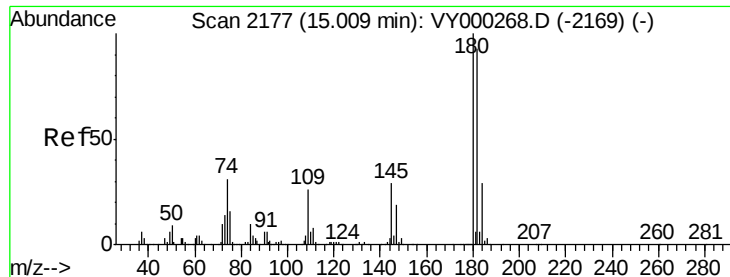
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.7	20.5	61.5
148	63.0	31.6	95.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 57.949 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. -0.01 min
 Lab File: VY000383.D
 Acq: 23 Oct 2019 16:00

Tgt Ion	Ratio	Lower	Upper
75	100		
155	82.7	45.8	137.3
157	110.5	55.6	166.9

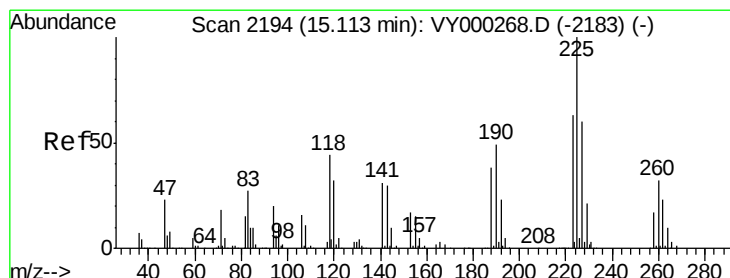
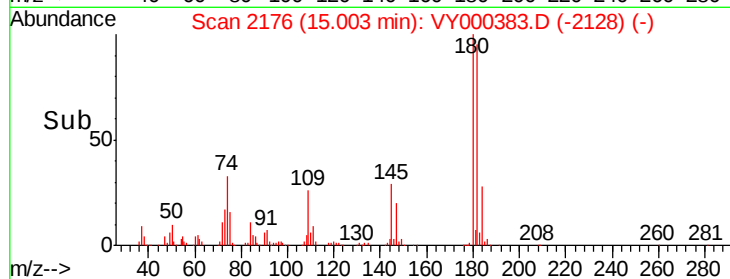
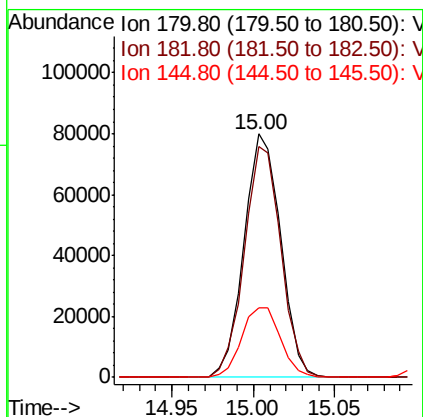
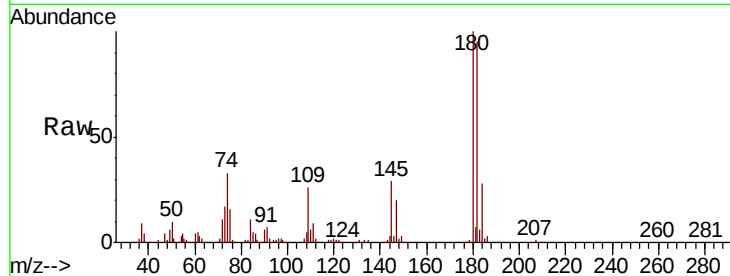




#93
 1,2,4-Trichlorobenzene
 Concen: 40.803 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. -0.01 min
 Lab File: VY000383.D
 Acq: 23 Oct 2019 16:00

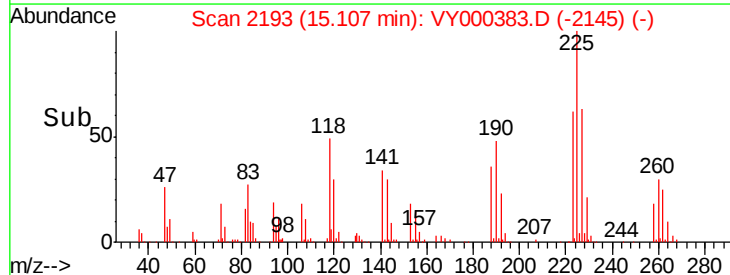
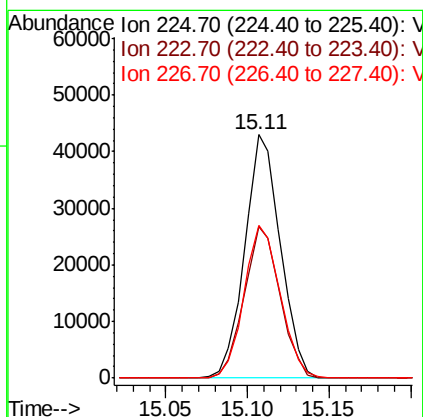
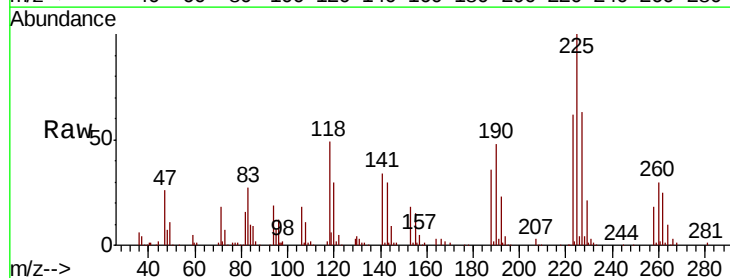
Instrument :
 MSVOA_Y
 ClientSampleId :

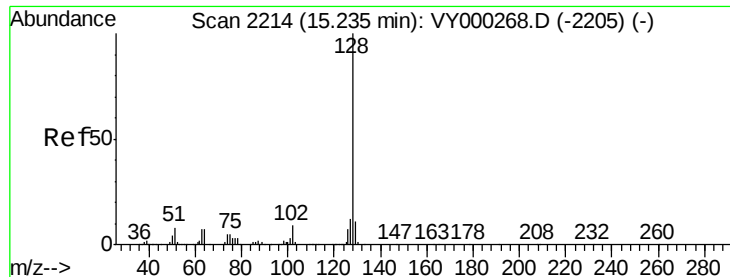
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.8	47.5	142.6
145	30.4	15.4	46.1



#94
 Hexachlorobutadiene
 Concen: 39.469 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: VY000383.D
 Acq: 23 Oct 2019 16:00

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.4	31.9	95.7
227	63.5	31.4	94.2





#95

Naphthalene

Concen: 43.418 ug/l

RT: 15.23 min Scan# 2214

Delta R.T. -0.00 min

Lab File: VY000383.D

Acq: 23 Oct 2019 16:00

Instrument :

MSVOA_Y

ClientSampleId :

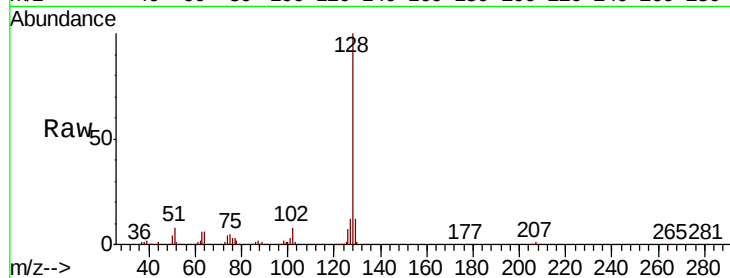
Tot Ion:128 Resp: 297499

Ion Ratio Lower Upper

128 100

127 12.5 9.6 14.4

129 10.8 8.7 13.1

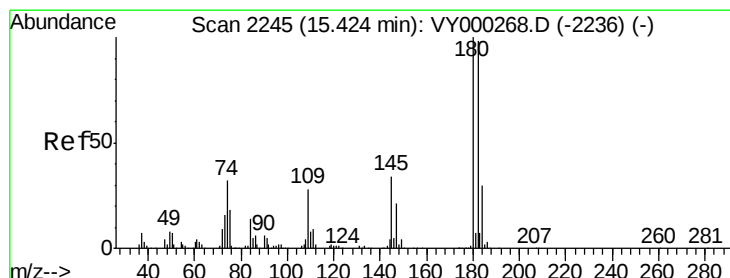
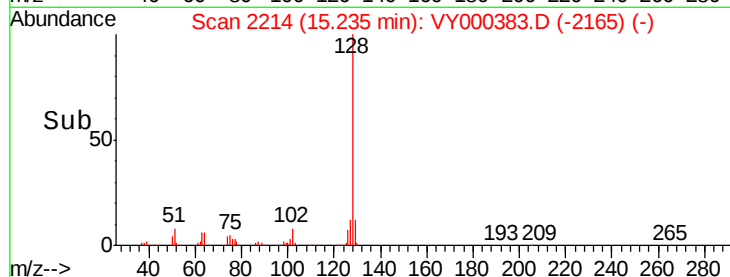
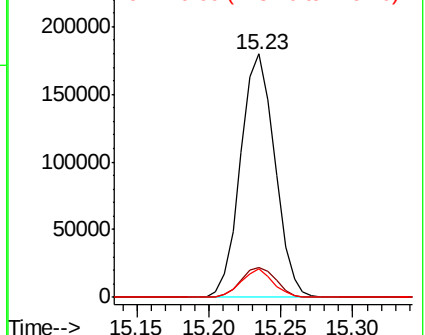


Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 39.805 ug/l

RT: 15.42 min Scan# 2245

Delta R.T. -0.00 min

Lab File: VY000383.D

Acq: 23 Oct 2019 16:00

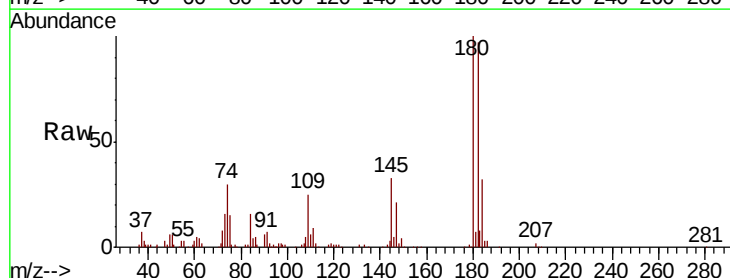
Tgt Ion:180 Resp: 110148

Ion Ratio Lower Upper

180 100

182 95.1 46.5 139.5

145 32.7 16.2 48.5



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

