

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY102319\
 Data File : VY000379.D
 Acq On : 23 Oct 2019 14:28
 Operator : SY/MD
 Sample : VY1023SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 24 04:44:26 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	238328	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	395869	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	345455	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	172813	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.16	65	130064	51.74	ug/l	0.00
Spiked Amount			Recovery	=	103.48%	
35) Dibromofluoromethane	7.73	113	111943	46.88	ug/l	0.00
Spiked Amount			Recovery	=	93.76%	
50) Toluene-d8	10.19	98	453326	49.35	ug/l	0.00
Spiked Amount			Recovery	=	98.70%	
62) 4-Bromofluorobenzene	12.48	95	162879	46.67	ug/l	0.00
Spiked Amount			Recovery	=	93.34%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.90	85	46848	22.487	ug/l	96
3) Chloromethane	2.12	50	74376	25.539	ug/l	100
4) Vinyl Chloride	2.25	62	62029	21.104	ug/l	98
5) Bromomethane	2.63	94	35316	16.213	ug/l	94
6) Chloroethane	2.79	64	39488	20.823	ug/l	99
7) Trichlorofluoromethane	3.13	101	85707	21.318	ug/l	100
8) Diethyl Ether	3.53	74	31398	22.107	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.90	101	52849	21.675	ug/l	99
10) Methyl Iodide	4.10	142	49459	15.090	ug/l	99
11) Tert butyl alcohol	4.97	59	26971	102.516	ug/l	99
12) 1,1-Dichloroethene	3.88	96	49816	20.696	ug/l	97
13) Acrolein	3.74	56	21897	70.991	ug/l	95
14) Allyl chloride	4.49	41	86152	21.598	ug/l	99
15) Acrylonitrile	5.17	53	81034	101.934	ug/l	96
16) Acetone	3.96	43	79287	97.388	ug/l	99
17) Carbon Disulfide	4.19	76	150526	19.862	ug/l	100
18) Methyl Acetate	4.49	43	40919	20.229	ug/l	98
19) Methyl tert-butyl Ether	5.22	73	146313	21.835	ug/l	99
20) Methylene Chloride	4.72	84	65697	20.772	ug/l	97
21) trans-1,2-Dichloroethene	5.22	96	58688	21.251	ug/l	92
22) Diisopropyl ether	6.13	45	180486	21.393	ug/l	96
23) Vinyl Acetate	6.07	43	567391	103.088	ug/l	99
24) 1,1-Dichloroethane	6.03	63	98724	21.438	ug/l	99
25) 2-Butanone	7.00	43	117519	102.470	ug/l	96
26) 2,2-Dichloropropane	7.00	77	92152	21.717	ug/l	99
27) cis-1,2-Dichloroethene	7.00	96	64325	21.526	ug/l	99
28) Bromochloromethane	7.35	49	37094	18.764	ug/l	96
29) Tetrahydrofuran	7.36	42	71715	103.181	ug/l	98
30) Chloroform	7.52	83	99405	21.435	ug/l	99
31) Cyclohexane	7.79	56	100035	20.798	ug/l	95
32) 1,1,1-Trichloroethane	7.71	97	90493	21.948	ug/l	99
36) 1,1-Dichloropropene	7.93	75	83252	21.480	ug/l	98
37) Ethyl Acetate	7.09	43	46273	20.163	ug/l	98
38) Carbon Tetrachloride	7.91	117	78703	20.972	ug/l	98

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	104358	20.573	ug/l	95
40) Benzene	8.17	78	234566	20.942	ug/l	100
41) Methacrylonitrile	7.36	41	63788	58.393	ug/l #	1
42) 1,2-Dichloroethane	8.25	62	69859	21.835	ug/l	100
43) Isopropyl Acetate	8.28	43	88356	20.248	ug/l	98
44) Trichloroethene	8.95	130	66215	21.069	ug/l	95
45) 1,2-Dichloropropane	9.23	63	58889	21.424	ug/l	95
46) Dibromomethane	9.31	93	33479	21.788	ug/l	96
47) Bromodichloromethane	9.50	83	76877	21.230	ug/l	98
48) Methyl methacrylate	9.30	41	37361	19.536	ug/l	95
49) 1,4-Dioxane	9.30	88	9995	433.833	ug/l	99
51) 4-Methyl-2-Pentanone	10.08	43	237884	105.696	ug/l	100
52) Toluene	10.25	92	148828	20.929	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	82147	21.167	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	94560	21.455	ug/l	97
55) 1,1,2-Trichloroethane	10.65	97	48189	21.570	ug/l	94
56) Ethyl methacrylate	10.51	69	65026	20.420	ug/l	96
57) 1,3-Dichloropropane	10.79	76	81199	21.163	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.79	63	150663	118.617	ug/l	99
59) 2-Hexanone	10.83	43	176016	111.419	ug/l	99
60) Dibromochloromethane	10.99	129	53627	21.657	ug/l	94
61) 1,2-Dibromoethane	11.09	107	45657	21.284	ug/l	98
64) Tetrachloroethene	10.72	164	68678	20.883	ug/l	98
65) Chlorobenzene	11.52	112	159727	21.909	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	55481	21.663	ug/l	99
67) Ethyl Benzene	11.60	91	288354	21.336	ug/l	96
68) m/p-Xylenes	11.70	106	219955	42.572	ug/l	99
69) o-Xylene	12.03	106	107158	21.741	ug/l	95
70) Styrene	12.05	104	175116	21.067	ug/l	99
71) Bromoform	12.21	173	30844	20.950	ug/l #	99
73) Isopropylbenzene	12.33	105	282209	20.943	ug/l	99
74) N-amyl acetate	12.14	43	77806	23.520	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	51978	20.545	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	76869	36.173	ug/l #	100
77) Bromobenzene	12.61	156	65447	21.827	ug/l	93
78) n-propylbenzene	12.67	91	343799	21.250	ug/l	100
79) 2-Chlorotoluene	12.75	91	189607	21.221	ug/l	97
80) 1,3,5-Trimethylbenzene	12.81	105	238483	21.107	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	19968	20.560	ug/l	95
82) 4-Chlorotoluene	12.85	91	198307	20.997	ug/l	99
83) tert-Butylbenzene	13.08	119	206894	21.623	ug/l	98
84) 1,2,4-Trimethylbenzene	13.12	105	237627	21.309	ug/l	99
85) sec-Butylbenzene	13.25	105	295991	21.384	ug/l	99
86) p-Isopropyltoluene	13.37	119	260216	21.563	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	126340	21.385	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	128433	21.750	ug/l	99
89) n-Butylbenzene	13.70	91	253811	21.283	ug/l	99
90) Hexachloroethane	13.96	117	47795	21.389	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	117126	21.907	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	9274	19.328	ug/l	94

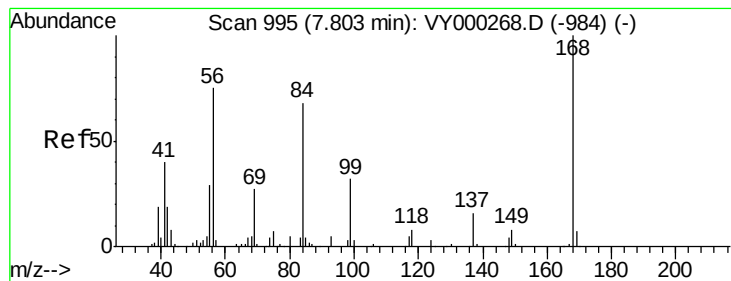
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY102319\
Data File : VY000379.D
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	81003	21.761	ug/l	97
94) Hexachlorobutadiene	15.11	225	42079	20.889	ug/l	96
95) Naphthalene	15.23	128	178387	21.474	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	74580	22.231	ug/l	99

(#) = 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: VY000379.D

Acq: 23 Oct 2019 14:28

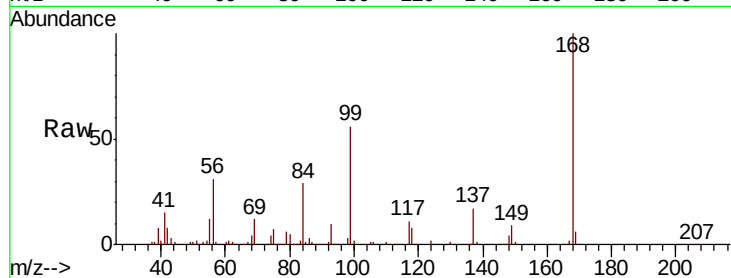
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:168 Resp: 238328

Ion Ratio Lower Upper

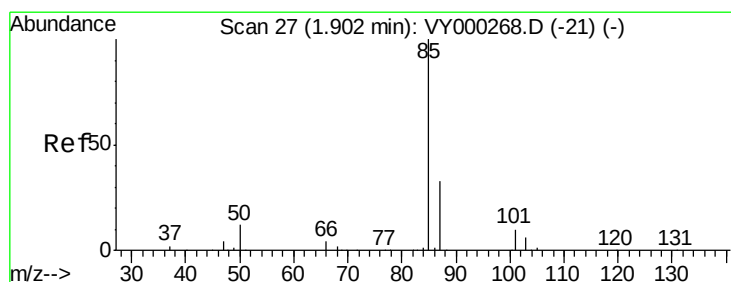
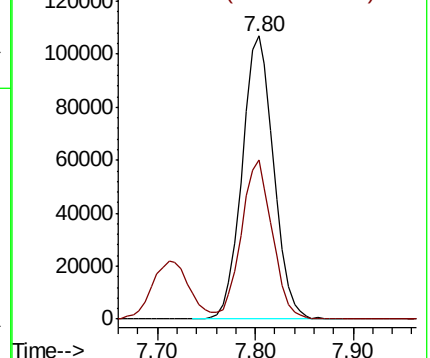
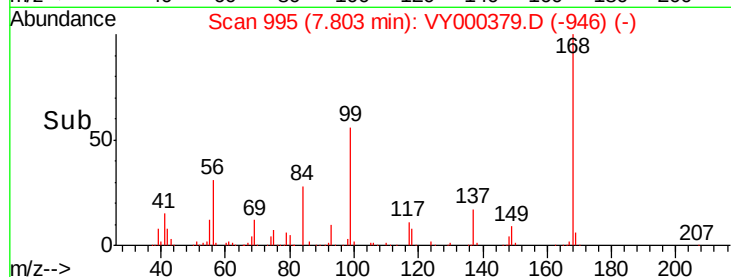
168 100

99 56.3 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): VY000379.D (-946) (-)

Ion 98.90 (98.60 to 99.60): VY000379.D (-946) (-)



#2

Dichlorodifluoromethane

Concen: 22.487 ug/l

RT: 1.90 min Scan# 27

Delta R.T. 0.00 min

Lab File: VY000379.D

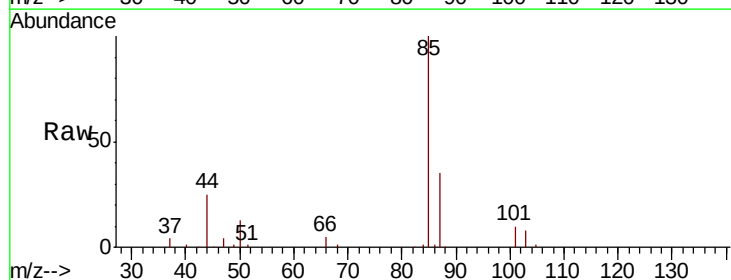
Acq: 23 Oct 2019 14:28

Tgt Ion: 85 Resp: 46848

Ion Ratio Lower Upper

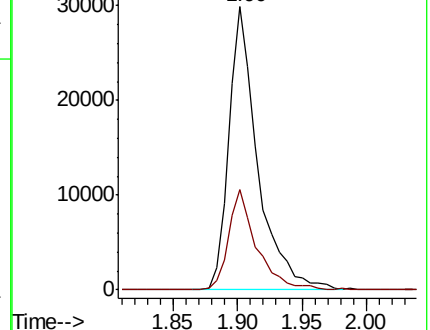
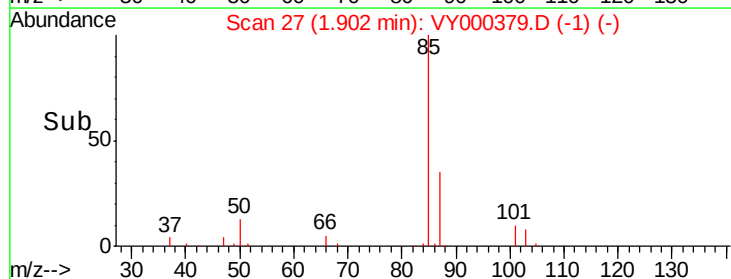
85 100

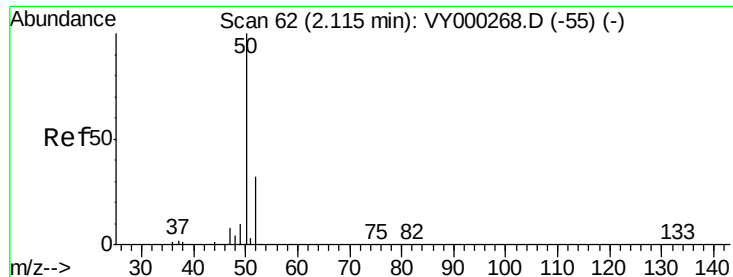
87 35.3 16.6 49.8



Abundance Ion 84.90 (84.60 to 85.60): VY000379.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY000379.D (-1) (-)





#3

Chloromethane

Concen: 25.539 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY000379.D

Acq: 23 Oct 2019 14:28

Instrument :

MSVOA_Y

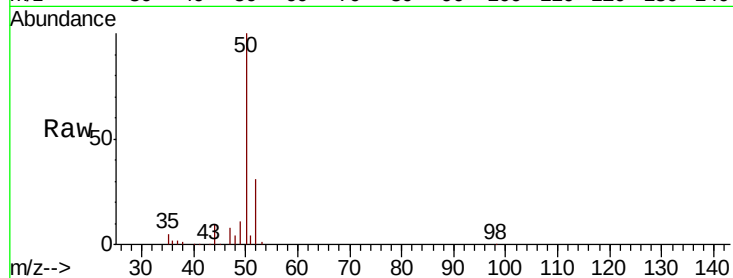
ClientSampleId :

Tot Ion: 50 Resp: 74376

Ion Ratio Lower Upper

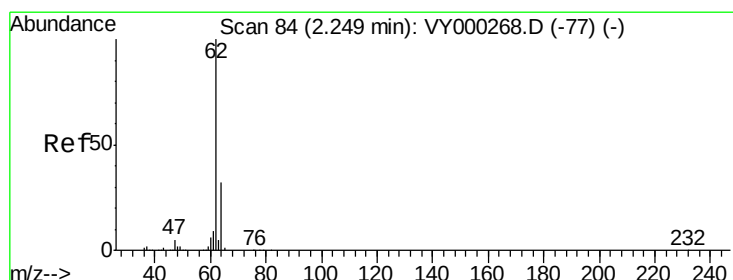
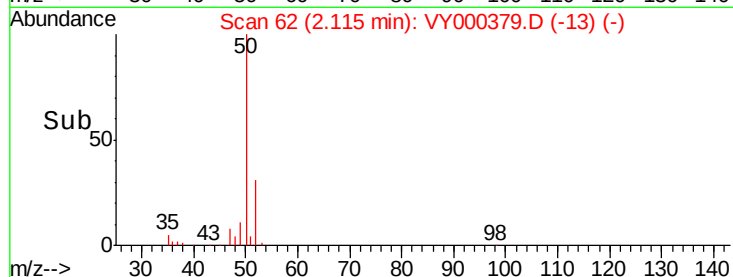
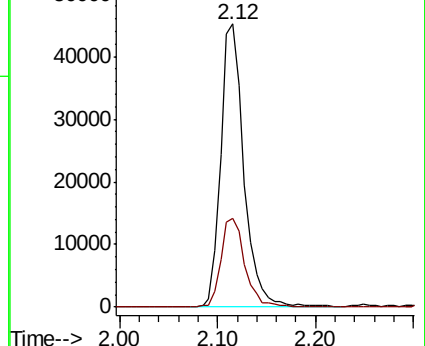
50 100

52 31.5 25.3 37.9



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 21.104 ug/l

RT: 2.25 min Scan# 84

Delta R.T. -0.00 min

Lab File: VY000379.D

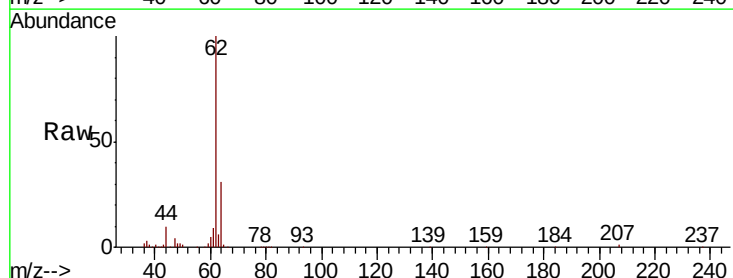
Acq: 23 Oct 2019 14:28

Tgt Ion: 62 Resp: 62029

Ion Ratio Lower Upper

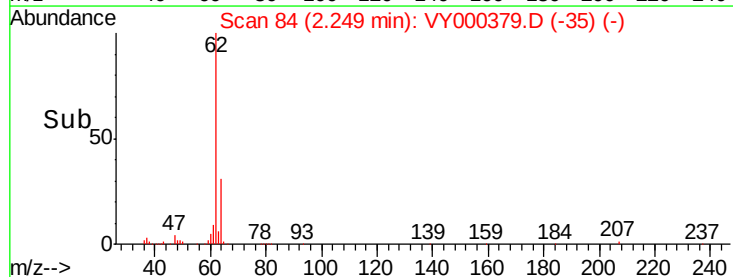
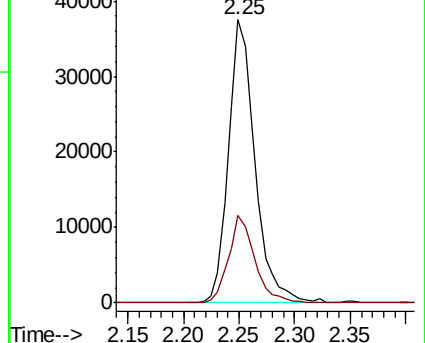
62 100

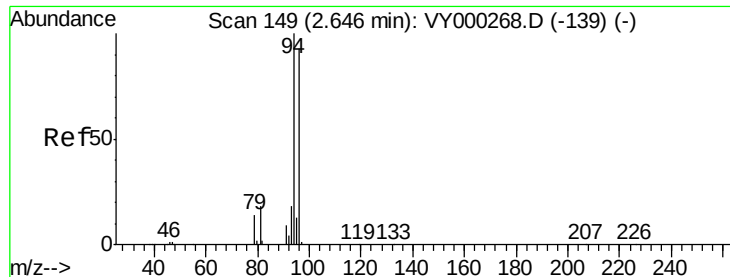
64 31.0 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 16.213 ug/l

RT: 2.63 min Scan# 147

Delta R.T. -0.01 min

Lab File: VY000379.D

Acq: 23 Oct 2019 14:28

Instrument :

MSVOA_Y

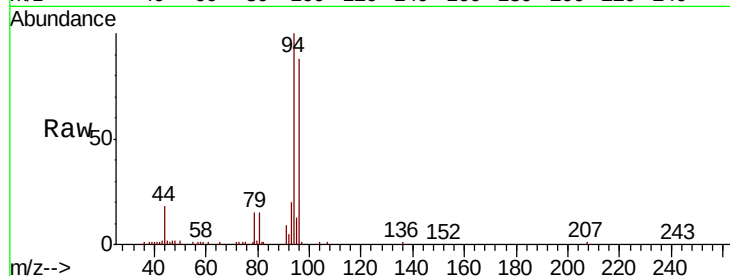
ClientSampleId :

Tot Ion: 94 Resp: 35316

Ion Ratio Lower Upper

94 100

96 87.0 74.2 111.2



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0

20000

15000

10000

5000

0

Time-->

2.50

2.60

2.70

2.80

2.90

3.00

3.10

3.20

3.30

3.40

3.50

3.60

3.70

3.80

3.90

4.00

4.10

4.20

4.30

4.40

4.50

4.60

4.70

4.80

4.90

5.00

5.10

5.20

5.30

5.40

5.50

5.60

5.70

5.80

5.90

6.00

6.10

6.20

6.30

6.40

6.50

6.60

6.70

6.80

6.90

7.00

7.10

7.20

7.30

7.40

7.50

7.60

7.70

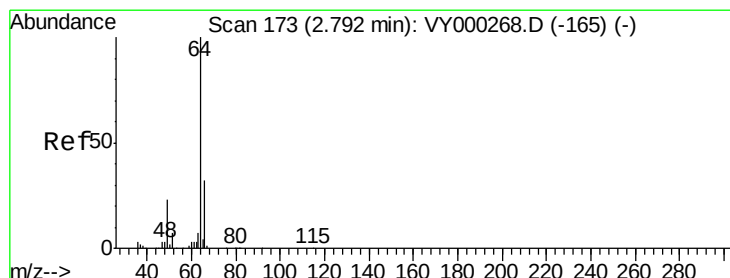
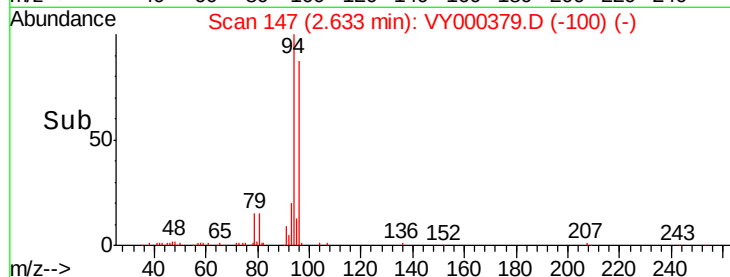
7.80

7.90

8.00

8.10

8.20



#6

Chloroethane

Concen: 20.823 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.00 min

Lab File: VY000379.D

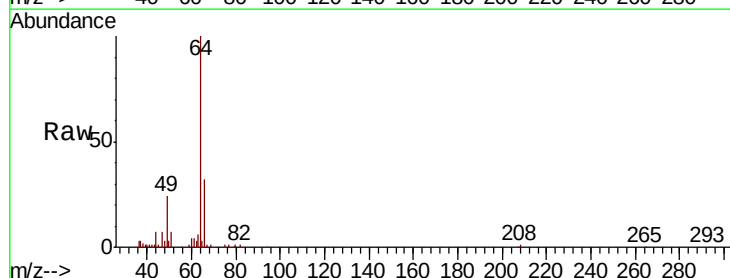
Acq: 23 Oct 2019 14:28

Tgt Ion: 64 Resp: 39488

Ion Ratio Lower Upper

64 100

66 32.3 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0

20000

15000

10000

5000

0

Time-->

2.70

2.80

2.90

3.00

3.10

3.20

3.30

3.40

3.50

3.60

3.70

3.80

3.90

4.00

4.10

4.20

4.30

4.40

4.50

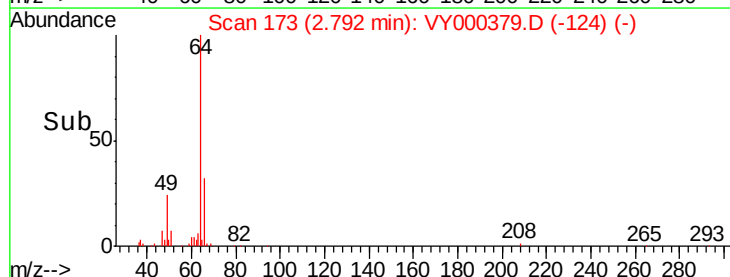
4.60

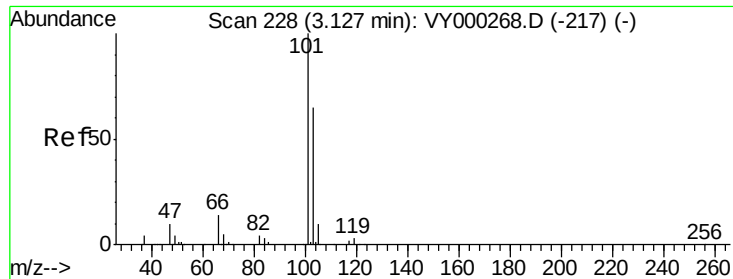
4.70

4.80

4.90

5.00



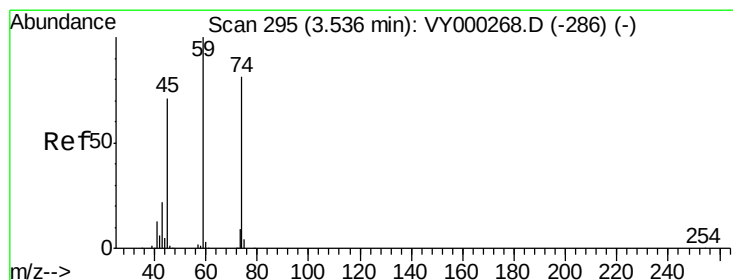
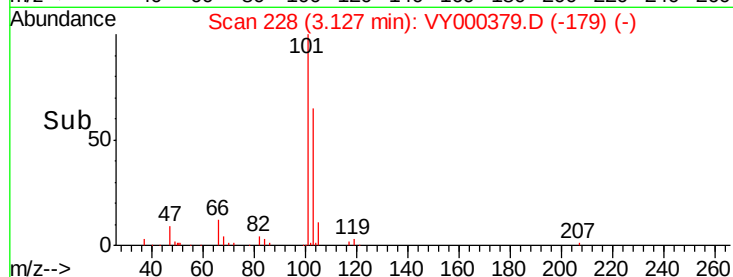
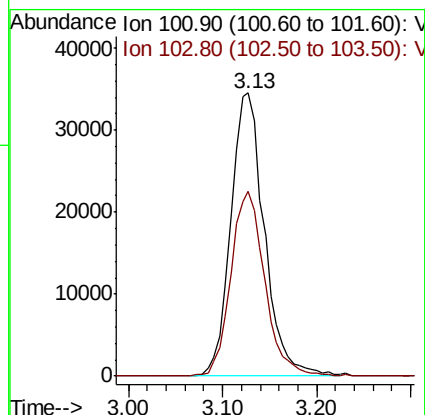
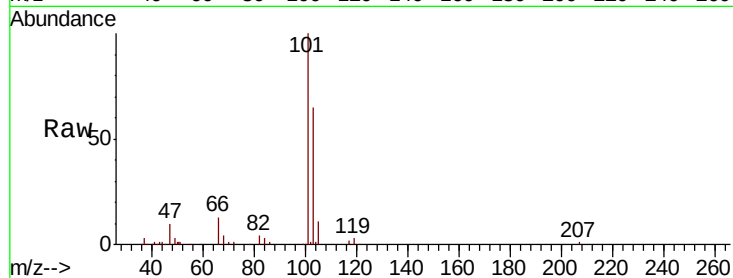


#7

Trichlorofluoromethane
 Concen: 21.318 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. -0.00 min
 Lab File: VY000379.D
 Acq: 23 Oct 2019 14:28

Instrument :
 MSVOA_Y
 ClientSampleId :

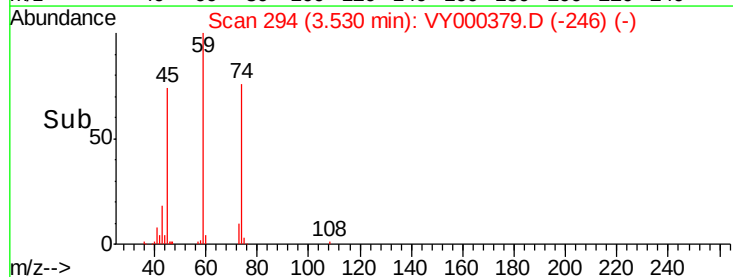
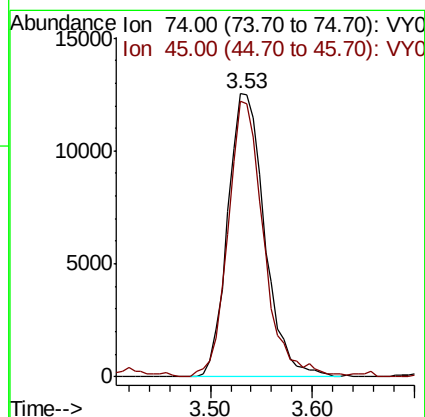
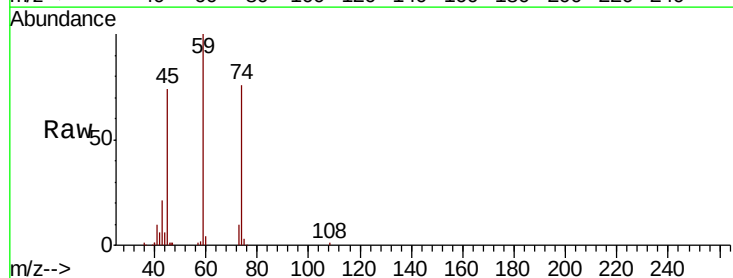
Tot Ion:101 Resp: 85707
 Ion Ratio Lower Upper
 101 100
 103 65.3 52.2 78.4

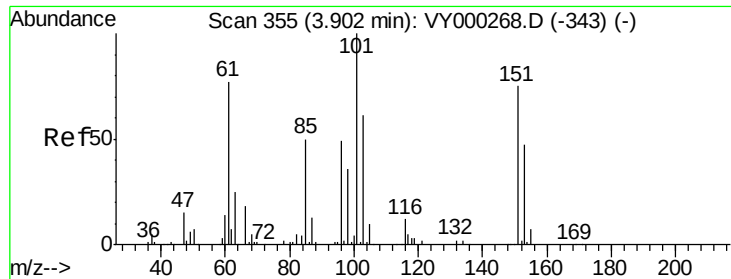


#8

Diethyl Ether
 Concen: 22.107 ug/l
 RT: 3.53 min Scan# 294
 Delta R.T. -0.01 min
 Lab File: VY000379.D
 Acq: 23 Oct 2019 14:28

Tgt Ion: 74 Resp: 31398
 Ion Ratio Lower Upper
 74 100
 45 93.9 47.1 141.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.675 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.00 min

Lab File: VY000379.D

Acq: 23 Oct 2019 14:28

Instrument :

MSVOA_Y

ClientSampleId :

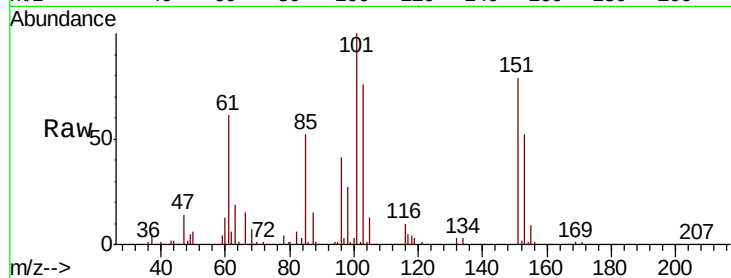
Tot Ion:101 Resp: 52849

Ion Ratio Lower Upper

101 100

85 46.3 36.6 55.0

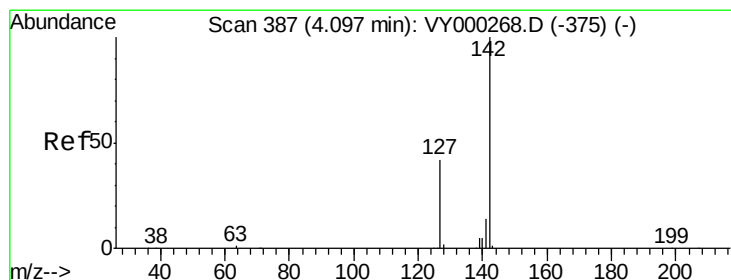
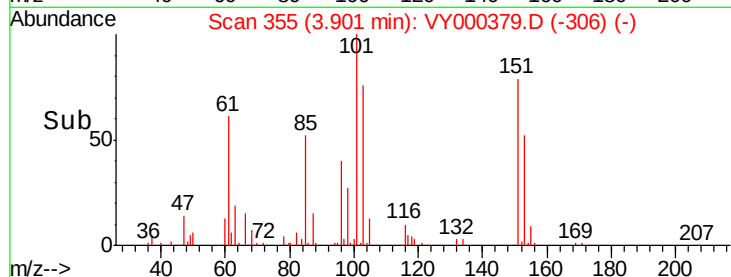
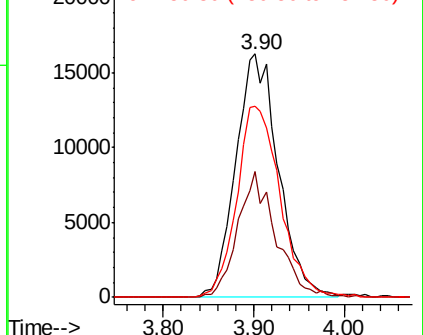
151 80.0 63.1 94.7



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: 15.090 ug/l

RT: 4.10 min Scan# 387

Delta R.T. 0.00 min

Lab File: VY000379.D

Acq: 23 Oct 2019 14:28

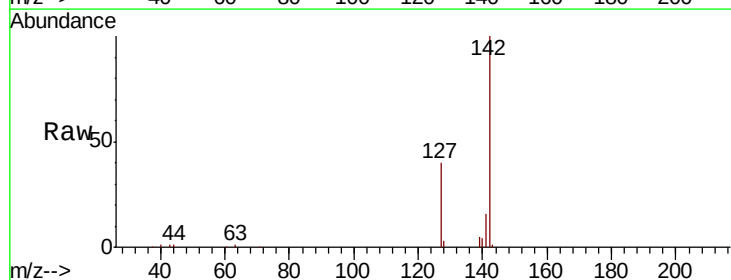
Tgt Ion:142 Resp: 49459

Ion Ratio Lower Upper

142 100

127 42.9 33.9 50.9

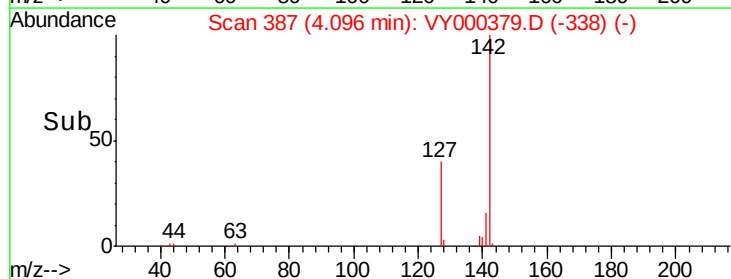
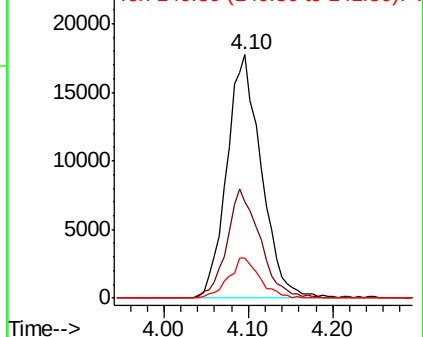
141 15.0 11.2 16.8

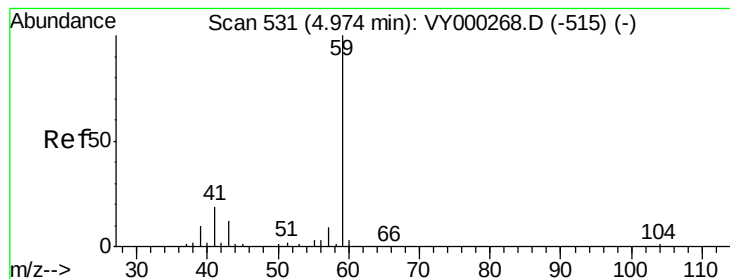


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



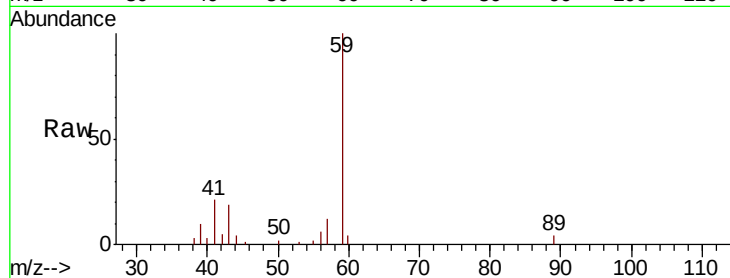


#11

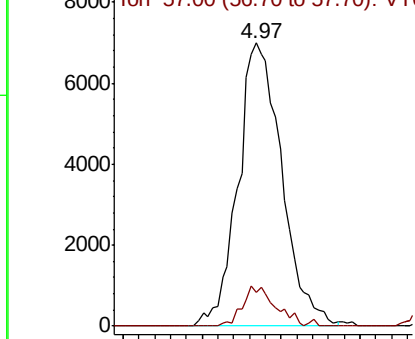
Tert butyl alcohol
 Concen: 102.516 ug/l
 RT: 4.97 min Scan# 530
 Delta R.T. -0.01 min
 Lab File: VY000379.D
 Acq: 23 Oct 2019 14:28

Instrument :
 MSVOA_Y
 ClientSampleId :

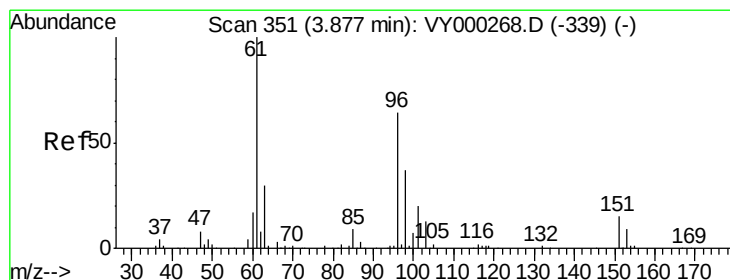
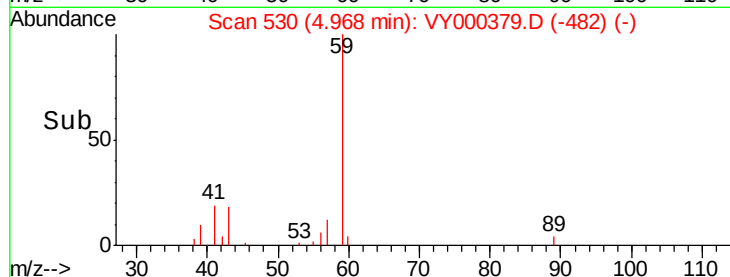
Tot Ion: 59 Resp: 26971
 Ion Ratio Lower Upper
 59 100
 57 10.6 8.2 12.2



Abundance Ion 59.00 (58.70 to 59.70): VY0
 Ion 57.00 (56.70 to 57.70): VY0



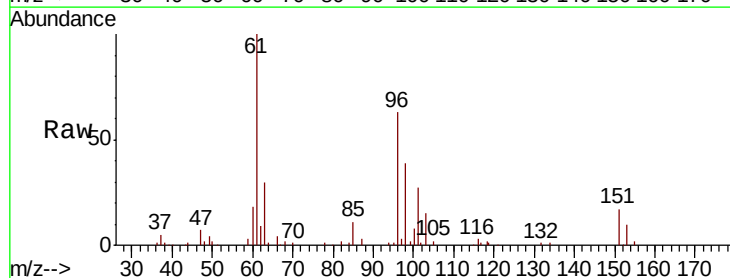
Time--> 4.80 4.90 5.00 5.10



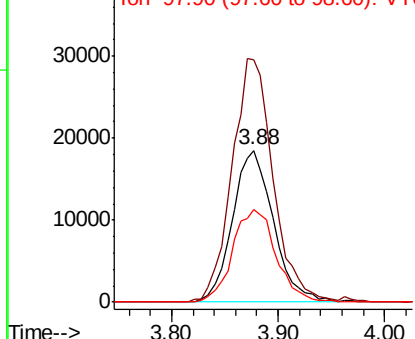
#12

1,1-Dichloroethene
 Concen: 20.696 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. -0.00 min
 Lab File: VY000379.D
 Acq: 23 Oct 2019 14:28

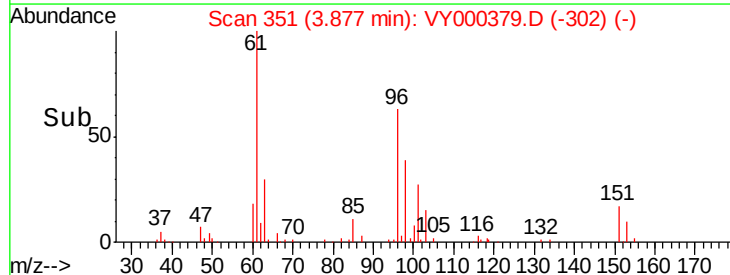
Tgt Ion: 96 Resp: 49816
 Ion Ratio Lower Upper
 96 100
 61 159.7 125.8 188.6
 98 61.5 46.2 69.2

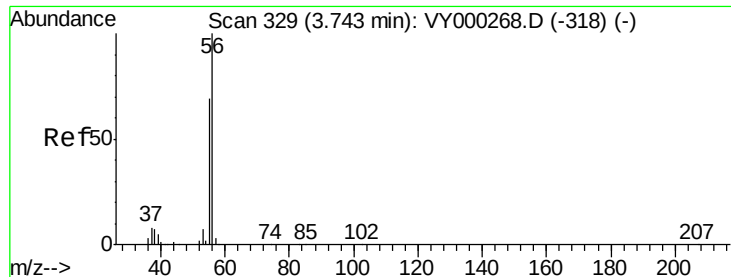


Abundance Ion 95.90 (95.60 to 96.60): VY0
 Ion 60.90 (60.60 to 61.60): VY0
 Ion 97.90 (97.60 to 98.60): VY0



Time--> 3.80 3.90 4.00





#13

Acrolein

Concen: 70.991 ug/l

RT: 3.74 min Scan# 328

Delta R.T. -0.01 min

Lab File: VY000379.D

Acq: 23 Oct 2019 14:28

Instrument :

MSVOA_Y

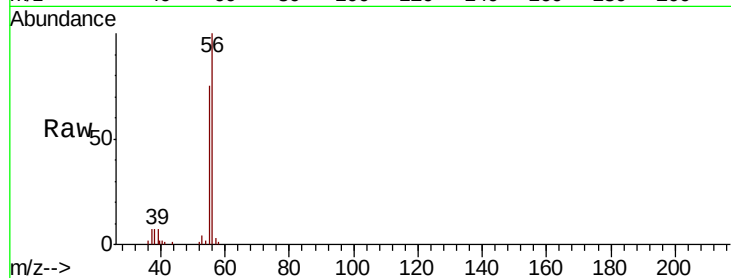
ClientSampleId :

Tot Ion: 56 Resp: 21897

Ion Ratio Lower Upper

56 100

55 73.4 55.7 83.5



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

3.74

10000

8000

6000

4000

2000

0

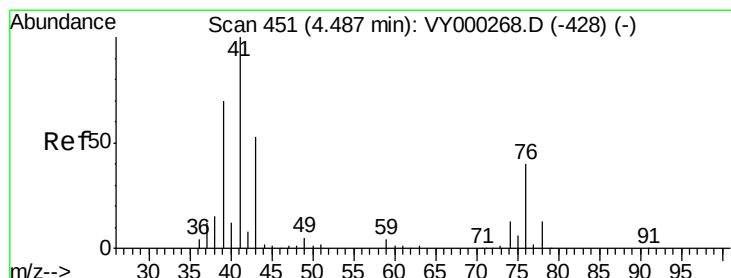
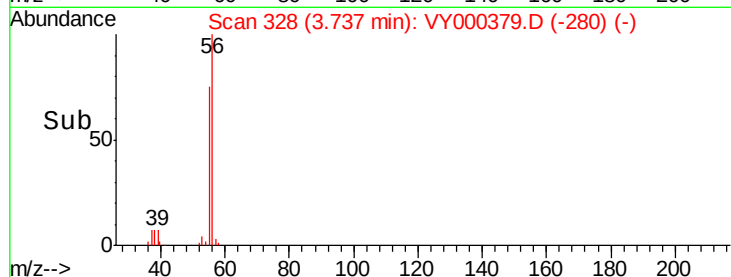
Time-->

3.60

3.70

3.80

3.90



#14

Allyl chloride

Concen: 21.598 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.00 min

Lab File: VY000379.D

Acq: 23 Oct 2019 14:28

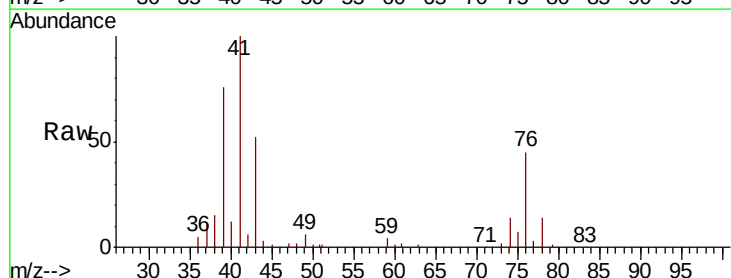
Tgt Ion: 41 Resp: 86152

Ion Ratio Lower Upper

41 100

39 66.6 54.0 81.0

76 37.2 30.7 46.1



Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0

4.49

30000

20000

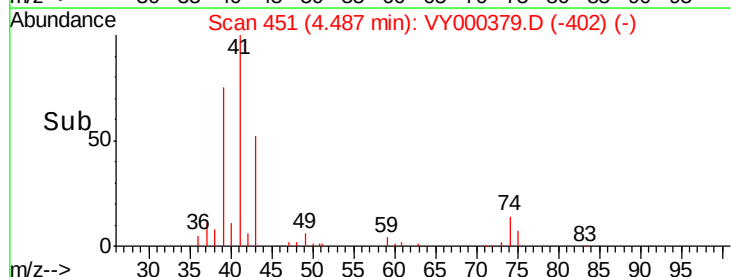
10000

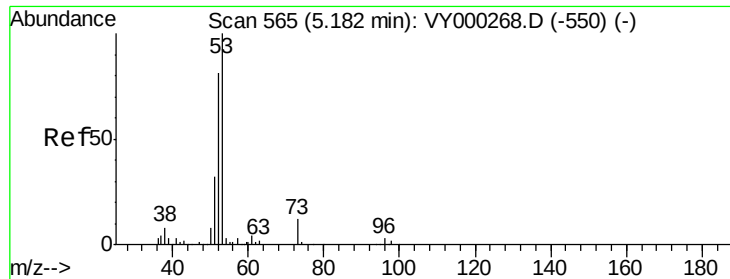
0

Time-->

4.40

4.60





#15

Acrylonitrile

Concen: 101.934 ug/l

RT: 5.17 min Scan# 563

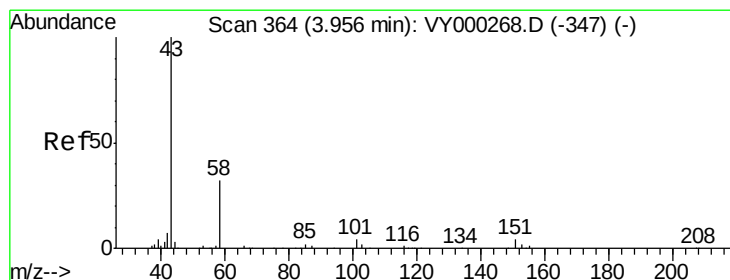
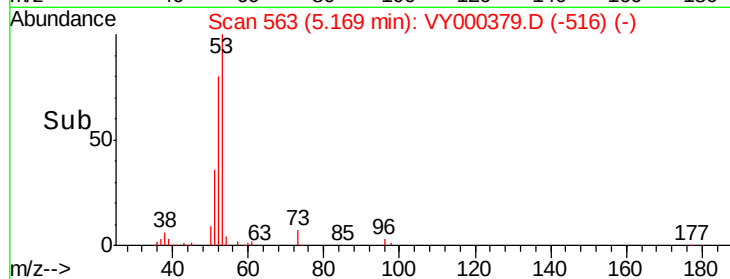
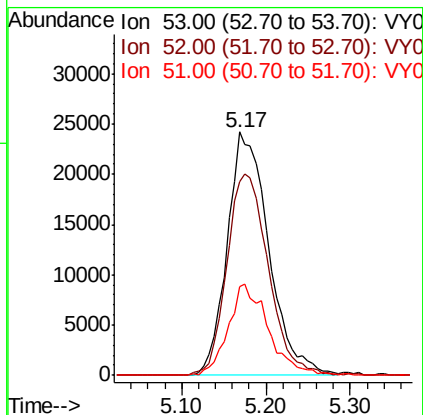
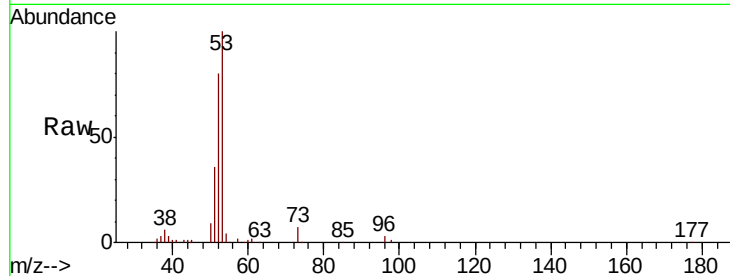
Delta R.T. -0.01 min

Lab File: VY000379.D

Acq: 23 Oct 2019 14:28

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:	53	Resp:	81034
Ion	Ratio	Lower	Upper
53	100		
52	82.7	62.9	94.3
51	36.0	26.9	40.3



#16

Acetone

Concen: 97.388 ug/l

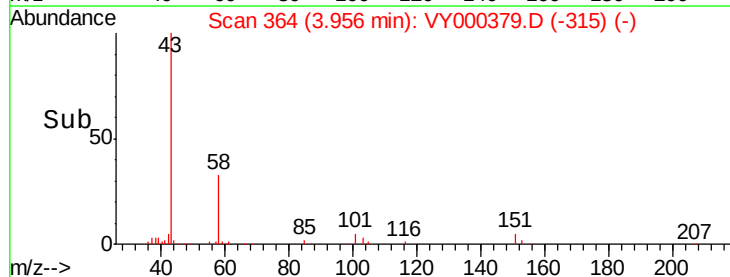
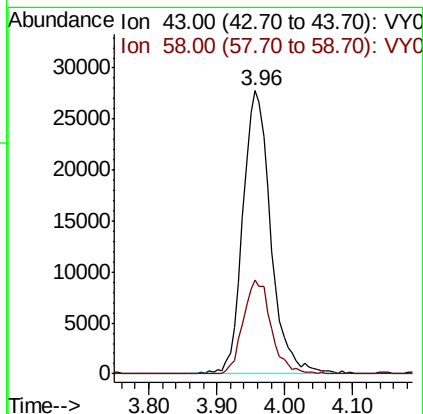
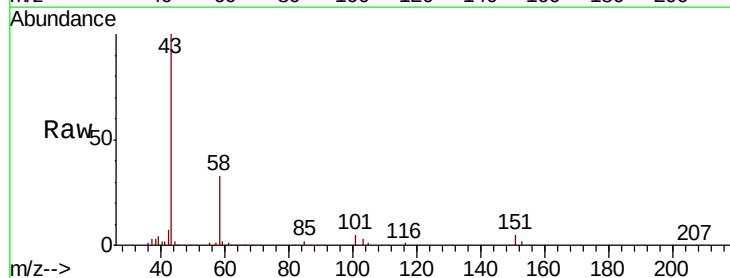
RT: 3.96 min Scan# 364

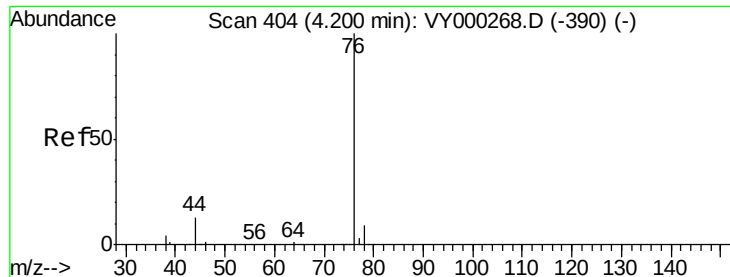
Delta R.T. -0.00 min

Lab File: VY000379.D

Acq: 23 Oct 2019 14:28

Tgt Ion:	43	Resp:	79287
Ion	Ratio	Lower	Upper
43	100		
58	33.0	25.8	38.6





#17

Carbon Disulfide

Concen: 19.862 ug/l

RT: 4.19 min Scan# 403

Delta R.T. -0.01 min

Lab File: VY000379.D

Acq: 23 Oct 2019 14:28

Instrument :

MSVOA_Y

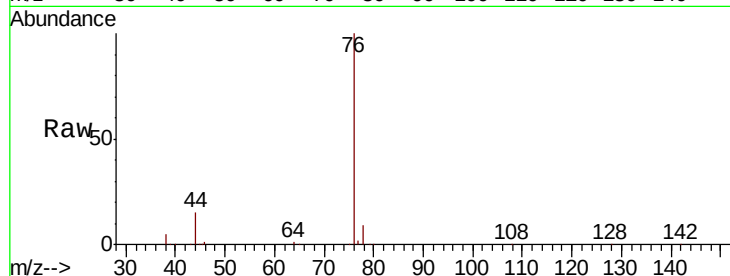
ClientSampleId :

Tot Ion: 76 Resp: 150526

Ion Ratio Lower Upper

76 100

78 8.7 7.0 10.4



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

4.19

60000

50000

40000

30000

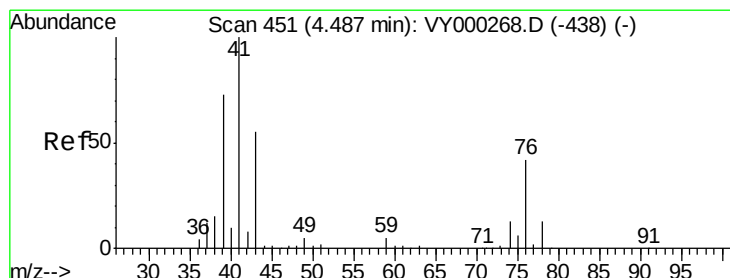
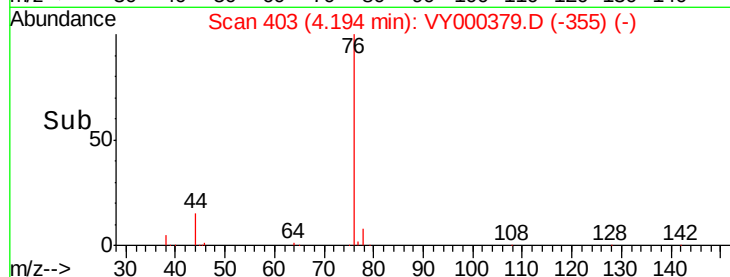
20000

10000

0

Time-->

4.10 4.20 4.30 4.40



#18

Methyl Acetate

Concen: 20.229 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.00 min

Lab File: VY000379.D

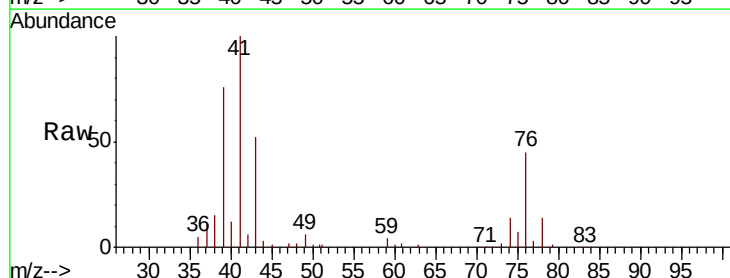
Acq: 23 Oct 2019 14:28

Tgt Ion: 43 Resp: 40919

Ion Ratio Lower Upper

43 100

74 24.3 20.4 30.6



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0

4.49

15000

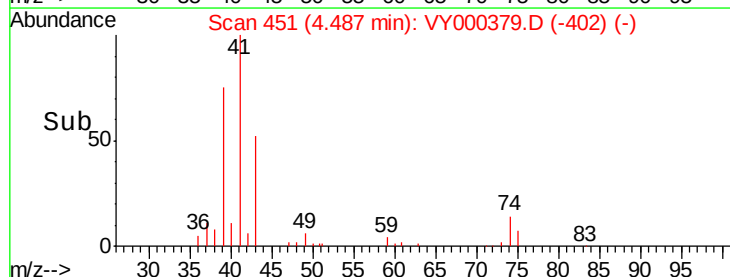
10000

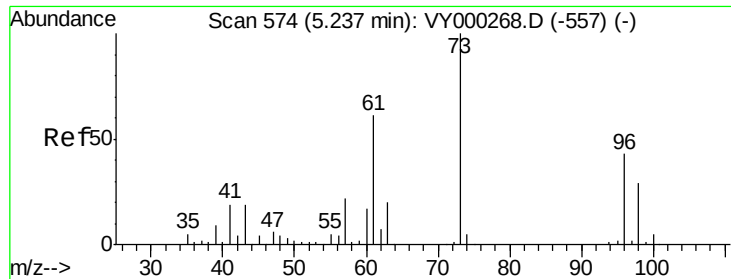
5000

0

Time-->

4.40 4.50 4.60

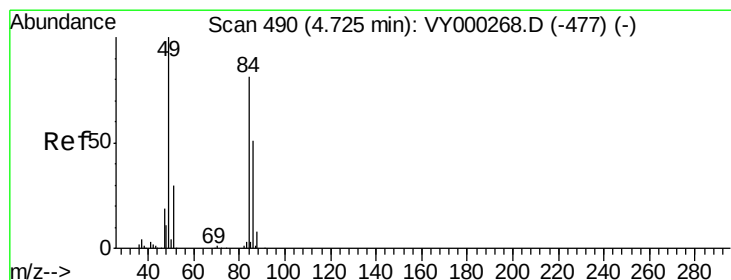
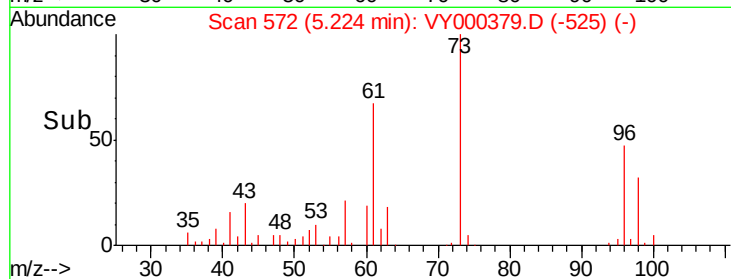
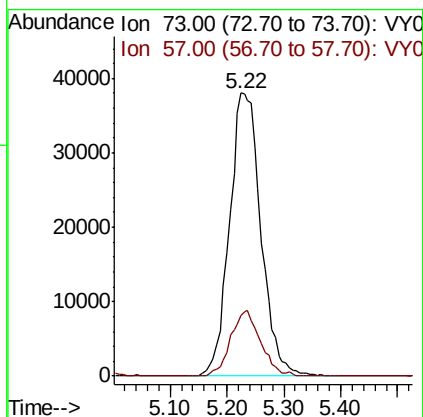
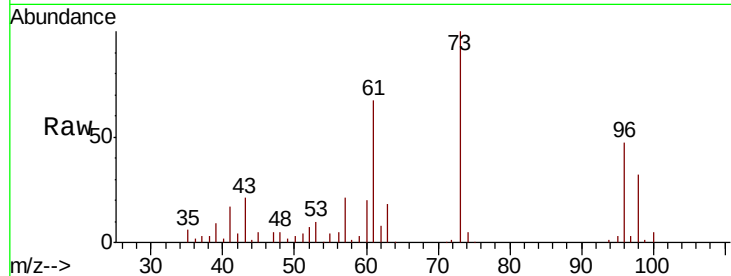




#19
Methyl tert-butyl Ether
Concen: 21.835 ug/l
RT: 5.22 min Scan# 572
Delta R.T. -0.01 min
Lab File: VY000379.D
Acq: 23 Oct 2019 14:28

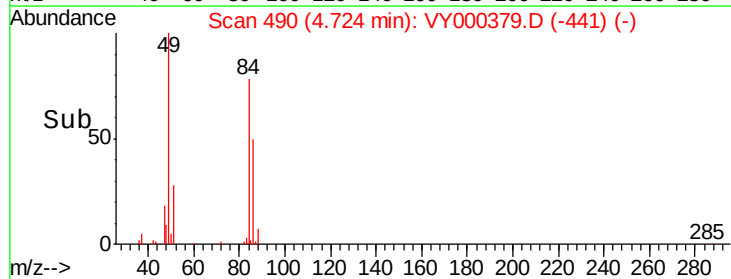
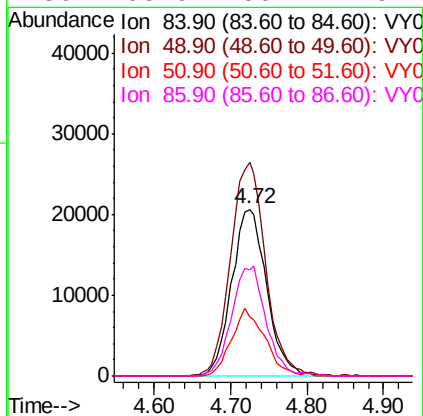
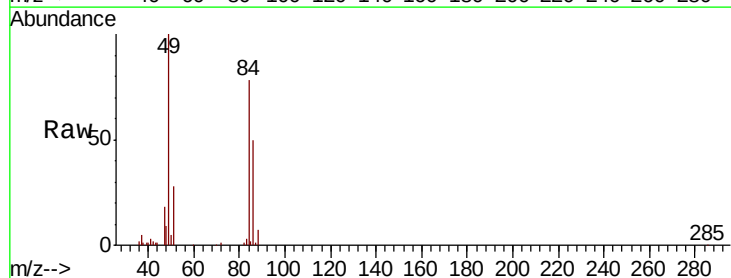
Instrument :
MSVOA_Y
ClientSampleId :

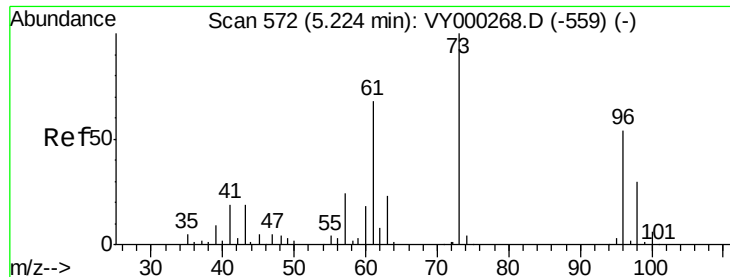
Tot Ion: 73 Resp: 146313
Ion Ratio Lower Upper
73 100
57 21.5 17.4 26.0



#20
Methylene Chloride
Concen: 20.772 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY000379.D
Acq: 23 Oct 2019 14:28

Tgt Ion: 84 Resp: 65697
Ion Ratio Lower Upper
84 100
49 127.9 99.0 148.4
51 35.2 29.3 43.9
86 63.9 50.2 75.4





#21

trans-1,2-Dichloroethene

Concen: 21.251 ug/l

RT: 5.22 min Scan# 571

Delta R.T. -0.01 min

Lab File: VY000379.D

Acq: 23 Oct 2019 14:28

Instrument :
MSVOA_Y
ClientSampleId :

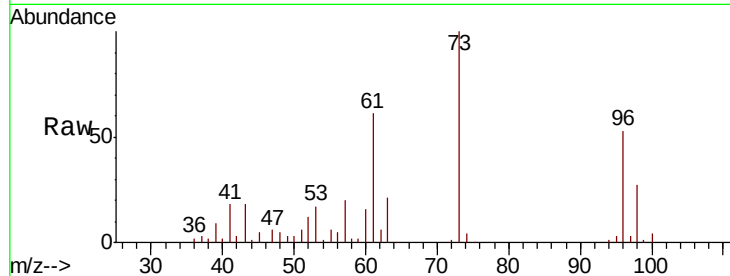
Tot Ion: 96 Resp: 58688

Ion Ratio Lower Upper

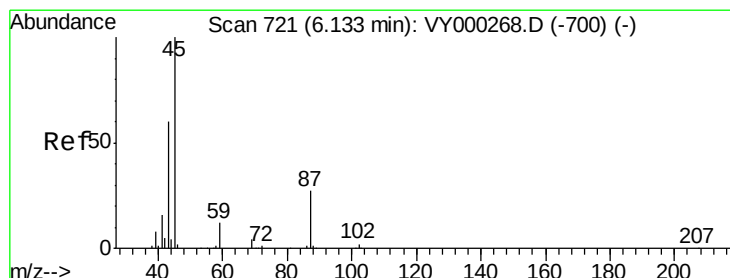
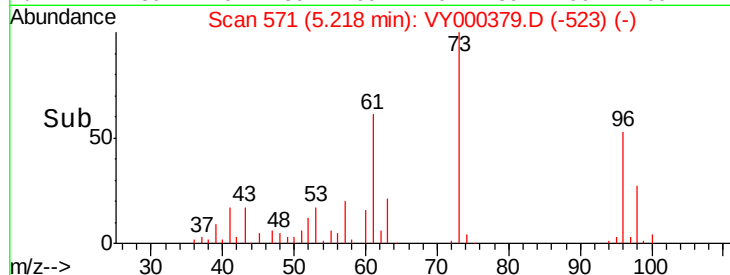
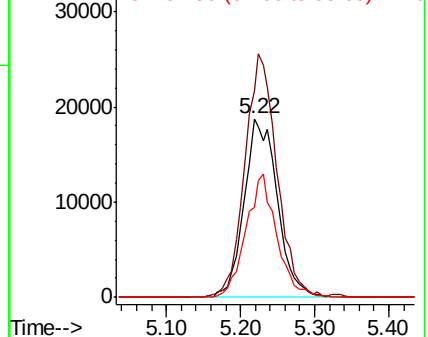
96 100

61 115.9 100.4 150.6

98 50.4 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: 21.393 ug/l

RT: 6.13 min Scan# 721

Delta R.T. -0.00 min

Lab File: VY000379.D

Acq: 23 Oct 2019 14:28

Tgt Ion: 45 Resp: 180486

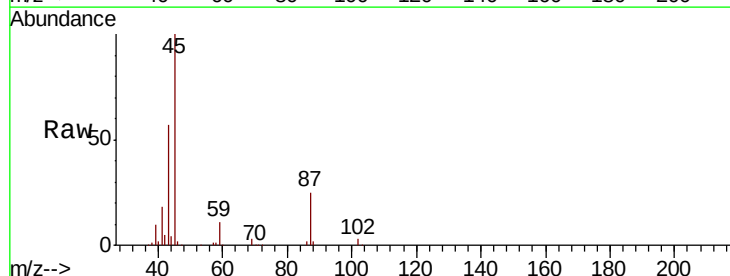
Ion Ratio Lower Upper

45 100

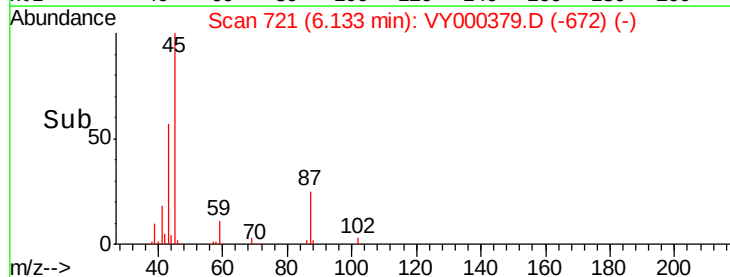
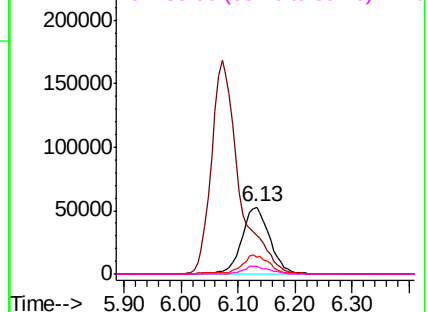
43 56.8 48.5 72.7

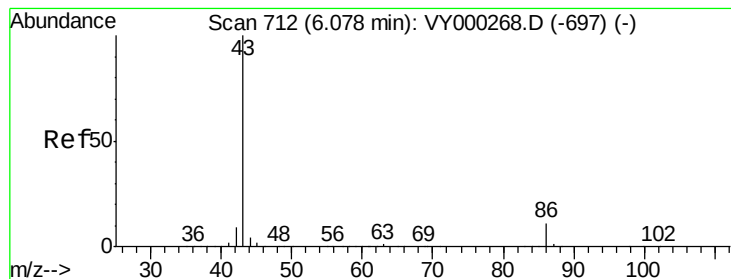
87 25.4 21.5 32.3

59 10.8 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: 103.088 ug/l

RT: 6.07 min Scan# 711

Delta R.T. -0.01 min

Lab File: VY000379.D

Acq: 23 Oct 2019 14:28

Instrument :

MSVOA_Y

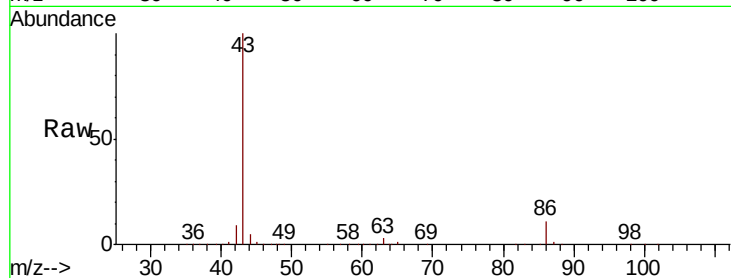
ClientSampleId :

Tot Ion: 43 Resp: 567391

Ion Ratio Lower Upper

43 100

86 10.6 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

6.07

150000

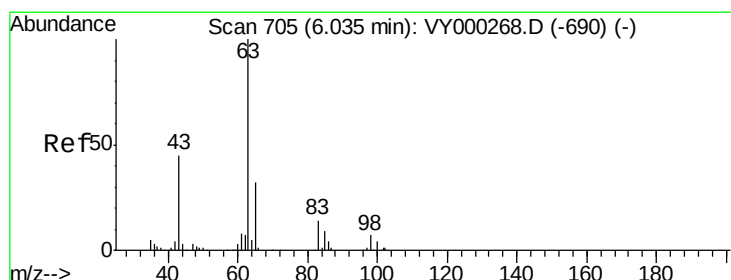
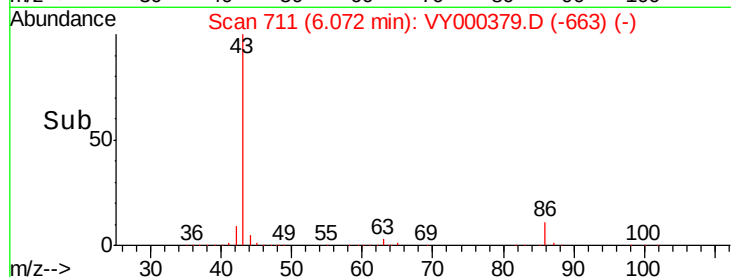
100000

50000

0

Time-->

5.90 6.00 6.10 6.20 6.30



#24

1,1-Dichloroethane

Concen: 21.438 ug/l

RT: 6.03 min Scan# 704

Delta R.T. -0.01 min

Lab File: VY000379.D

Acq: 23 Oct 2019 14:28

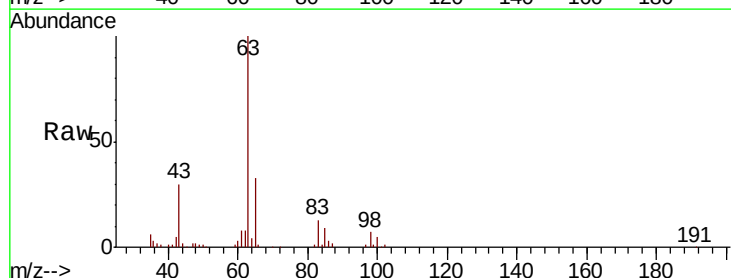
Tgt Ion: 63 Resp: 98724

Ion Ratio Lower Upper

63 100

98 6.8 3.5 10.4

100 5.0 2.1 6.2



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0

6.03

40000

30000

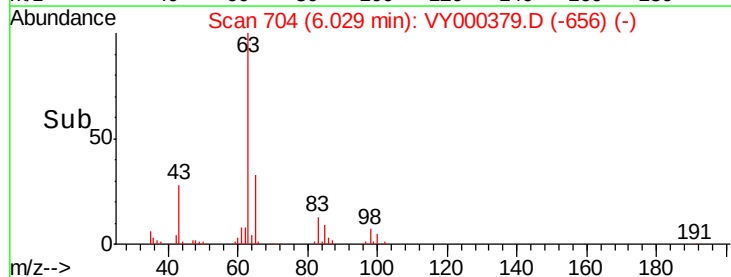
20000

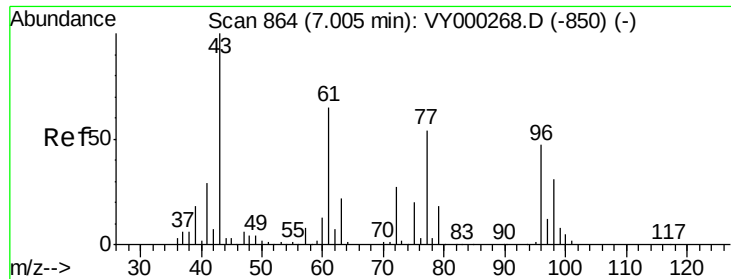
10000

0

Time-->

5.90 6.00 6.10 6.20





#25

2-Butanone

Concen: 102.470 ug/l

RT: 7.00 min Scan# 863

Delta R.T. -0.01 min

Lab File: VY000379.D

Acq: 23 Oct 2019 14:28

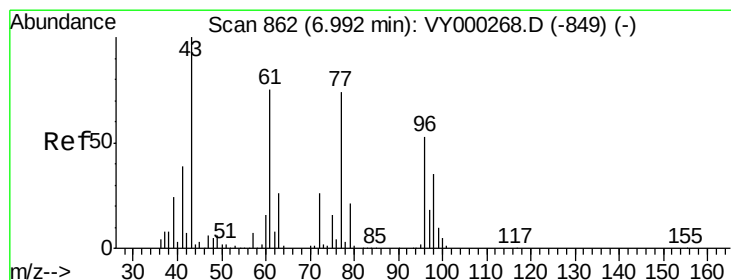
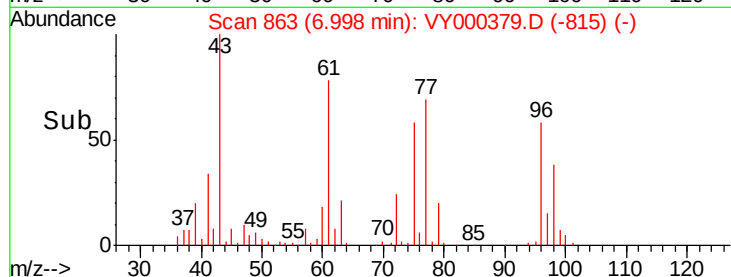
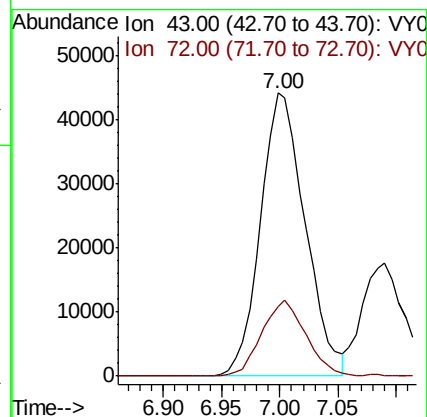
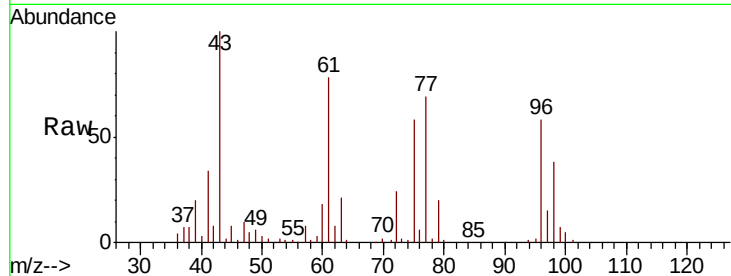
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 43 Resp: 117519

Ion Ratio Lower Upper

43 100

72 24.5 21.4 32.2



#26

2,2-Dichloropropane

Concen: 21.717 ug/l

RT: 7.00 min Scan# 863

Delta R.T. 0.01 min

Lab File: VY000379.D

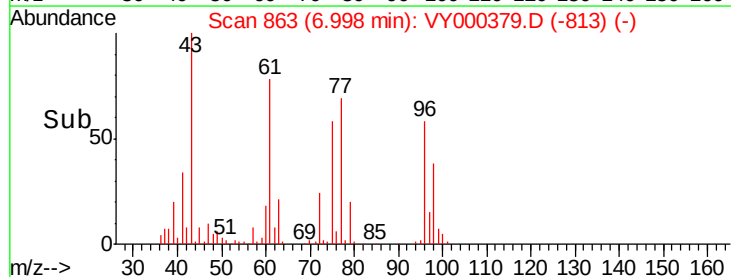
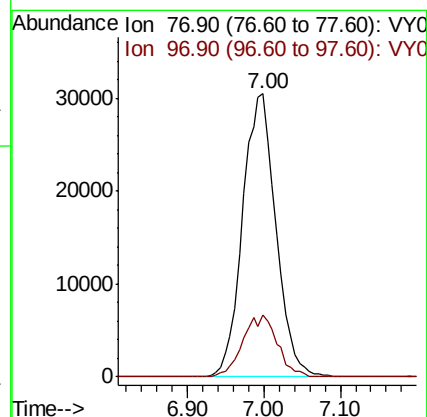
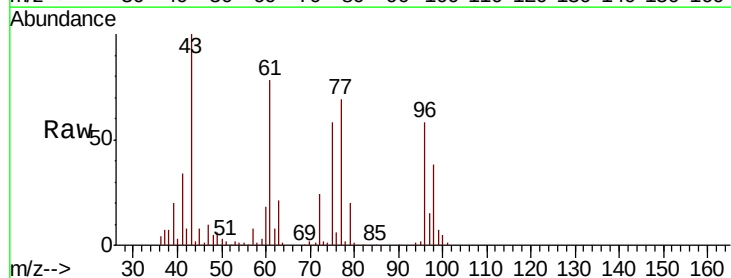
Acq: 23 Oct 2019 14:28

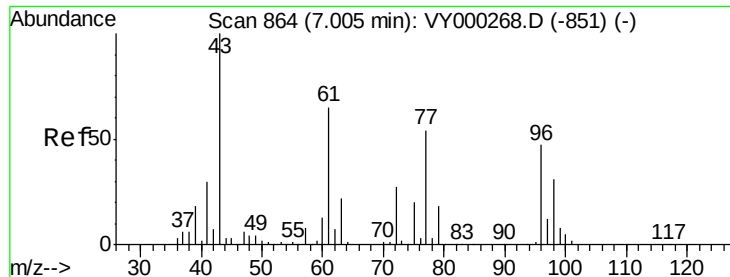
Tgt Ion: 77 Resp: 92152

Ion Ratio Lower Upper

77 100

97 22.5 11.6 34.7



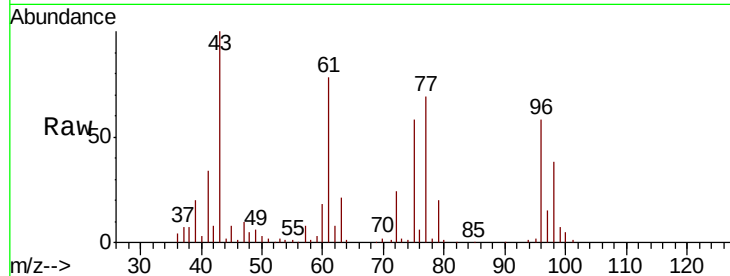


#27

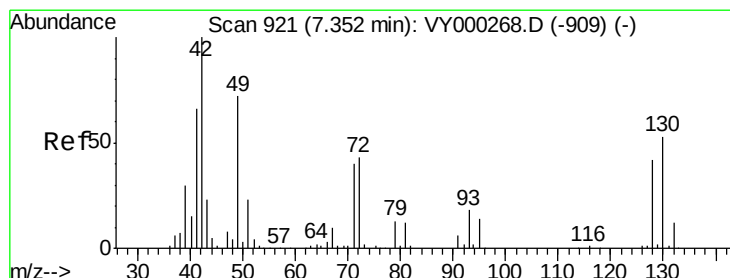
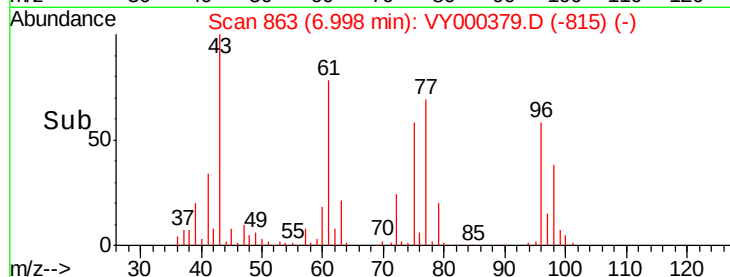
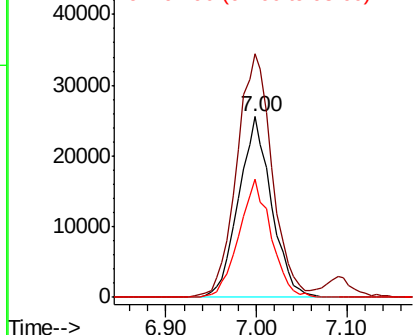
cis-1,2-Dichloroethene
Concen: 21.526 ug/l
RT: 7.00 min Scan# 863
Delta R.T. -0.01 min
Lab File: VY000379.D
Acq: 23 Oct 2019 14:28

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 96 Resp: 64325
Ion Ratio Lower Upper
96 100
61 144.8 0.0 289.8
98 63.9 0.0 131.8



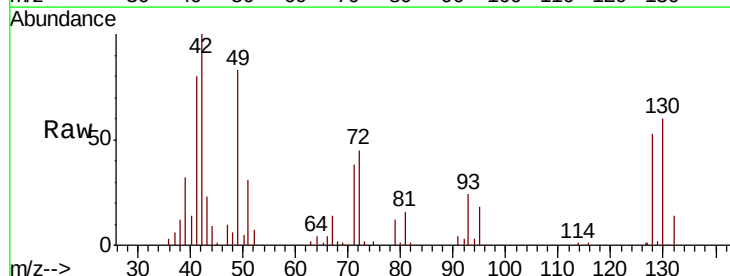
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



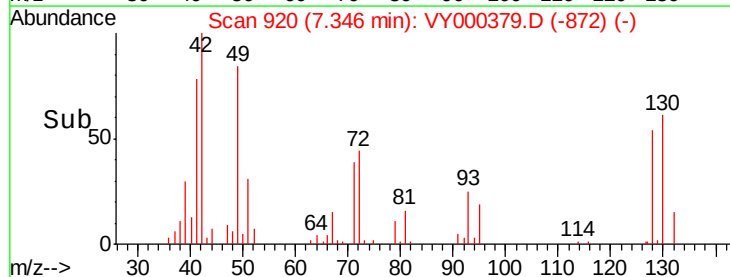
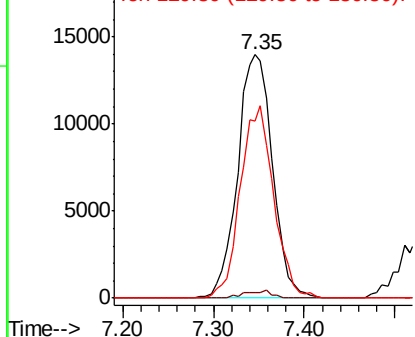
#28

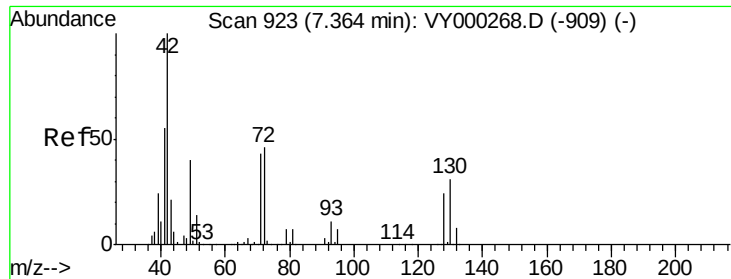
Bromochloromethane
Concen: 18.764 ug/l
RT: 7.35 min Scan# 920
Delta R.T. -0.01 min
Lab File: VY000379.D
Acq: 23 Oct 2019 14:28

Tgt Ion: 49 Resp: 37094
Ion Ratio Lower Upper
49 100
129 2.3 0.0 4.0
130 75.7 58.2 87.2



Abundance Ion 48.90 (48.60 to 49.60): VY0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

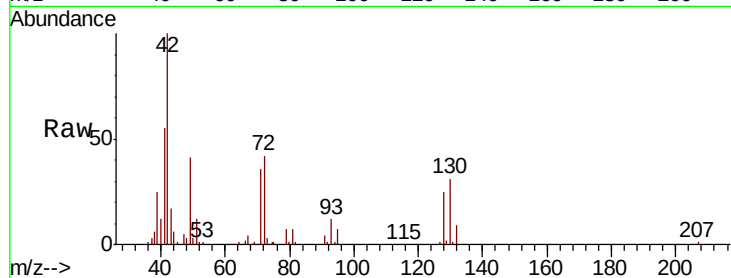




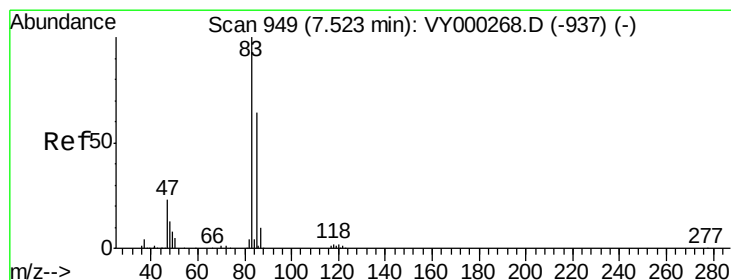
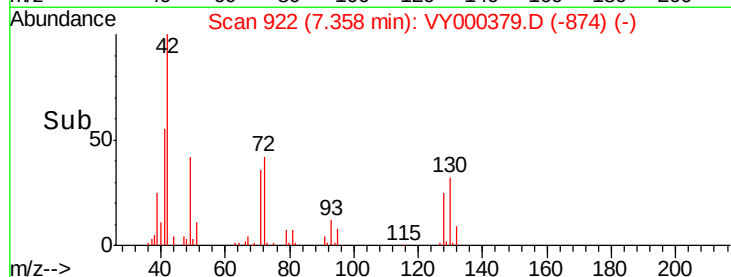
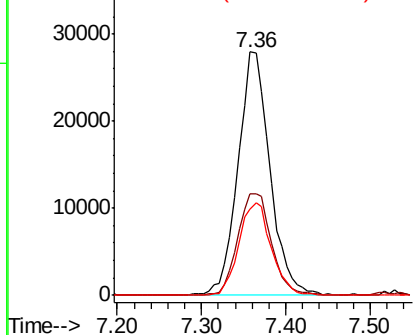
#29
Tetrahydrofuran
Concen: 103.181 ug/l
RT: 7.36 min Scan# 922
Delta R.T. -0.01 min
Lab File: VY000379.D
Acq: 23 Oct 2019 14:28

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 42 Resp: 71715
Ion Ratio Lower Upper
42 100
72 43.7 34.5 51.7
71 38.6 32.7 49.1

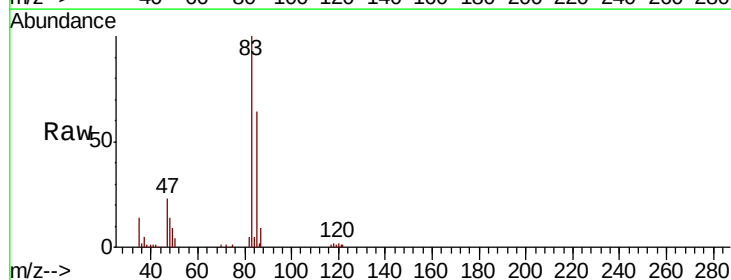


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

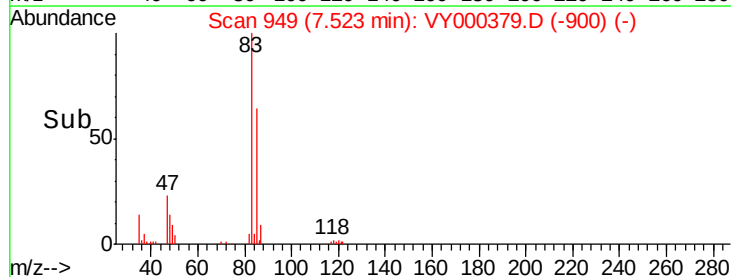
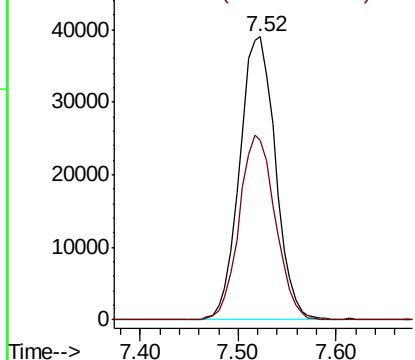


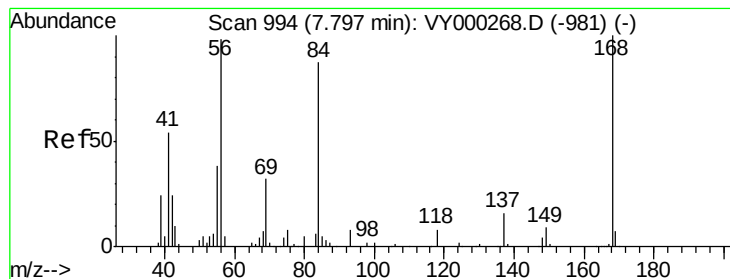
#30
Chloroform
Concen: 21.435 ug/l
RT: 7.52 min Scan# 949
Delta R.T. -0.00 min
Lab File: VY000379.D
Acq: 23 Oct 2019 14:28

Tgt Ion: 83 Resp: 99405
Ion Ratio Lower Upper
83 100
85 63.5 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: 20.798 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.01 min

Lab File: VY000379.D

Acq: 23 Oct 2019 14:28

Instrument :

MSVOA_Y

ClientSampleId :

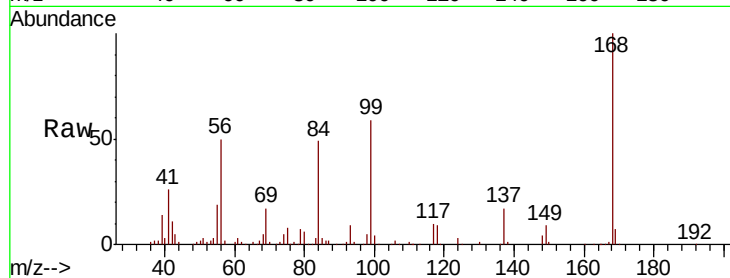
Tot Ion: 56 Resp: 100035

Ion Ratio Lower Upper

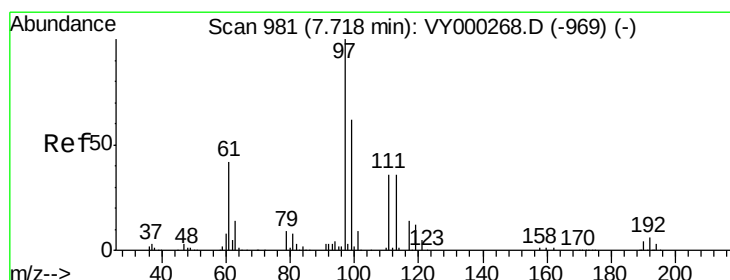
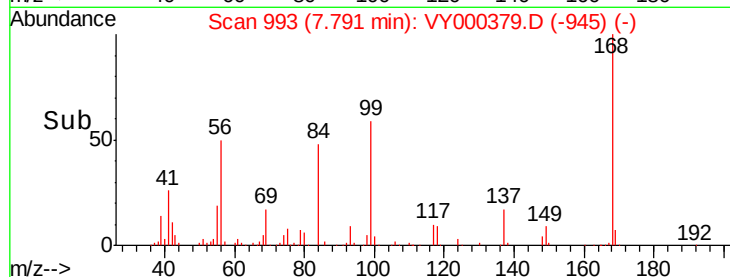
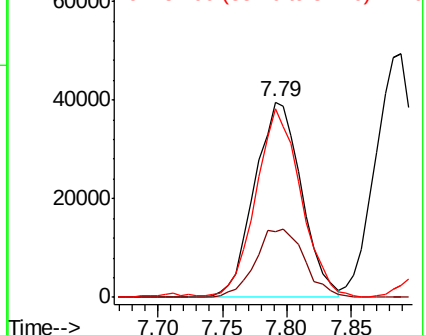
56 100

69 33.4 26.3 39.5

84 94.8 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: 21.948 ug/l

RT: 7.71 min Scan# 980

Delta R.T. -0.01 min

Lab File: VY000379.D

Acq: 23 Oct 2019 14:28

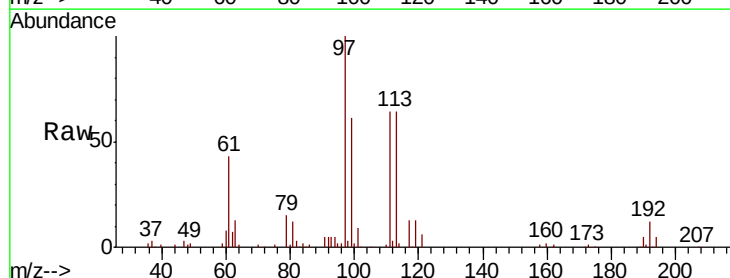
Tgt Ion: 97 Resp: 90493

Ion Ratio Lower Upper

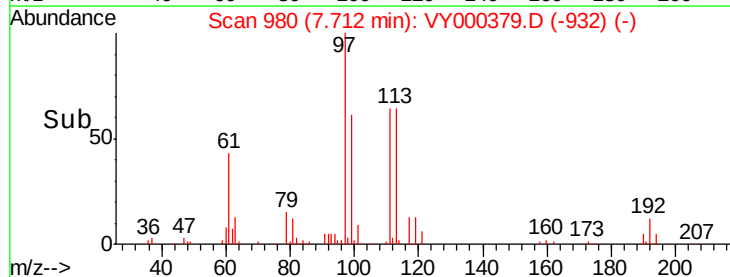
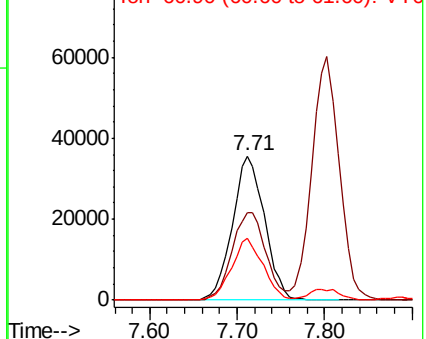
97 100

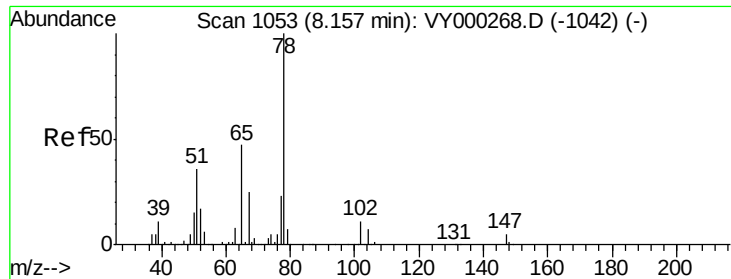
99 64.9 51.7 77.5

61 42.1 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

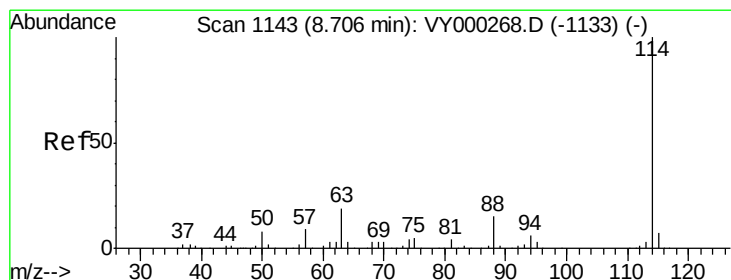
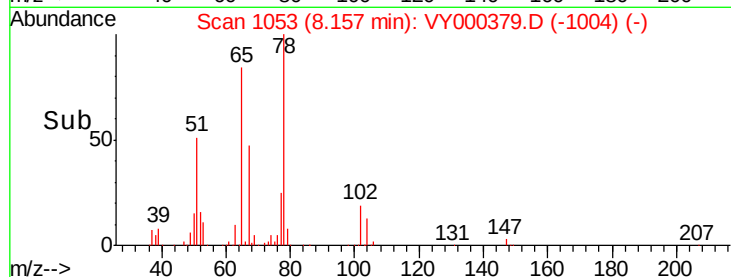
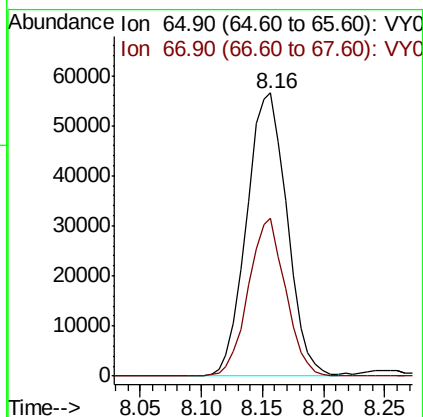
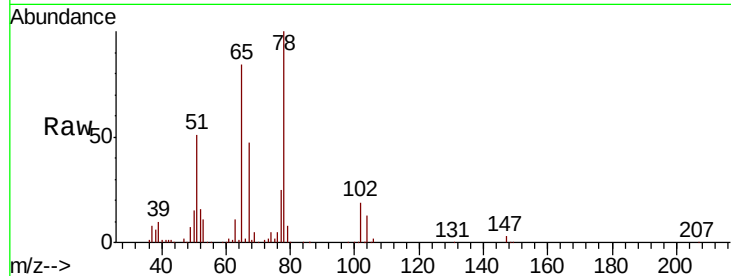




#33
 1,2-Dichloroethane-d4
 Concen: 51.736 ug/l
 RT: 8.16 min Scan# 1053
 Delta R.T. -0.00 min
 Lab File: VY000379.D
 Acq: 23 Oct 2019 14:28

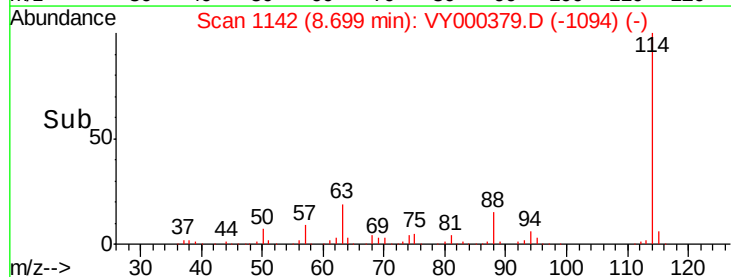
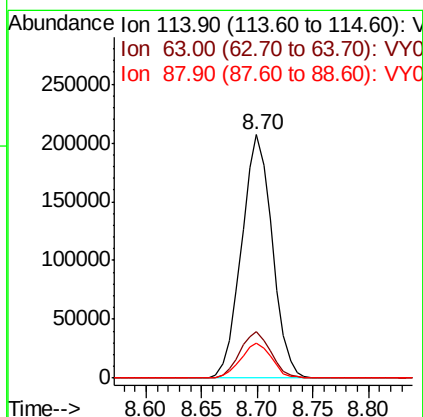
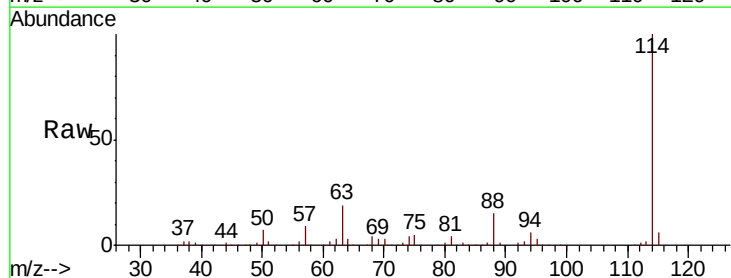
Instrument :
 MSVOA_Y
 ClientSampleId :

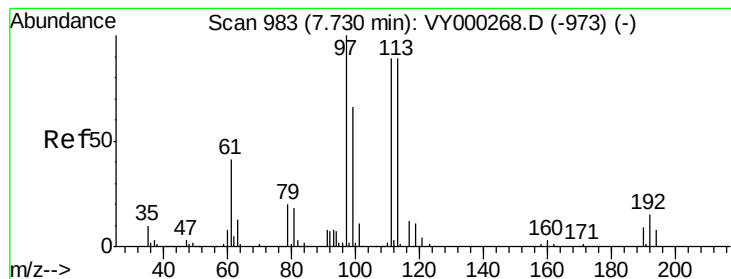
Tot Ion: 65 Resp: 130064
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: VY000379.D
 Acq: 23 Oct 2019 14:28

Tgt Ion: 114 Resp: 395869
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 37.2
 88 14.6 0.0 30.2





#35

Dibromofluoromethane

Concen: 46.879 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.00 min

Lab File: VY000379.D

Acq: 23 Oct 2019 14:28

Instrument :
MSVOA_Y
ClientSampled :

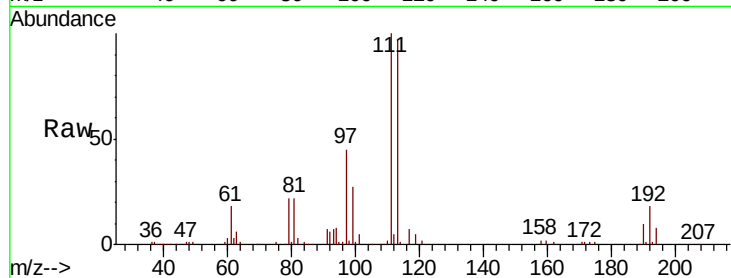
Tot Ion:113 Resp: 111943

Ion Ratio Lower Upper

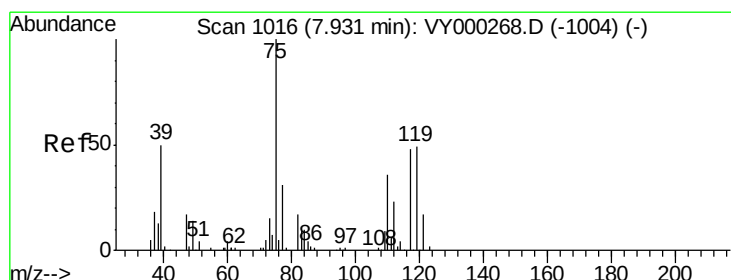
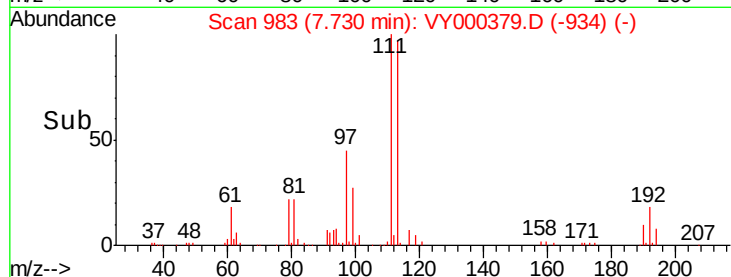
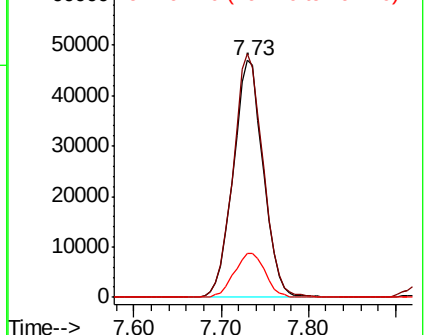
113 100

111 102.8 81.6 122.4

192 19.1 15.3 22.9



Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 21.480 ug/l

RT: 7.93 min Scan# 1015

Delta R.T. -0.01 min

Lab File: VY000379.D

Acq: 23 Oct 2019 14:28

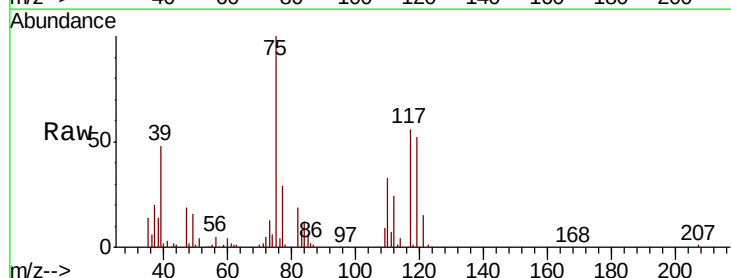
Tgt Ion: 75 Resp: 83252

Ion Ratio Lower Upper

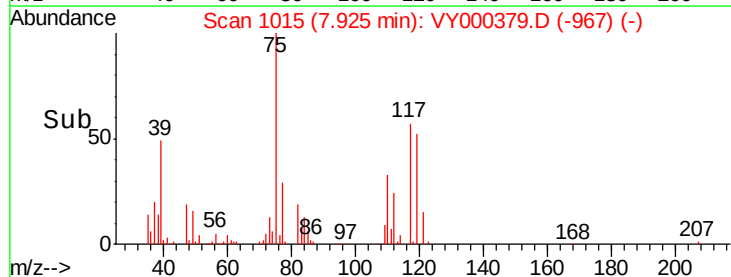
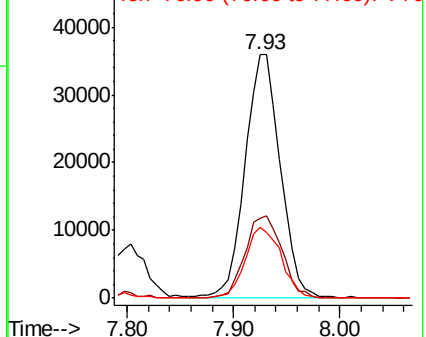
75 100

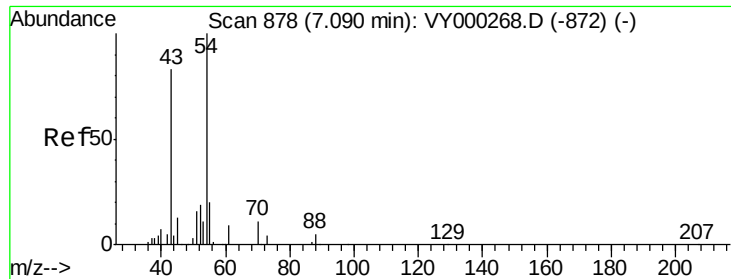
110 35.5 18.4 55.4

77 29.9 25.0 37.6



Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VY0

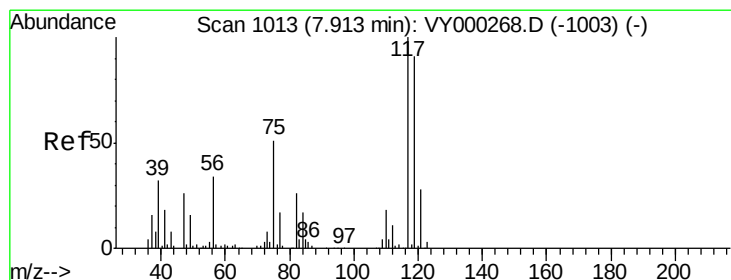
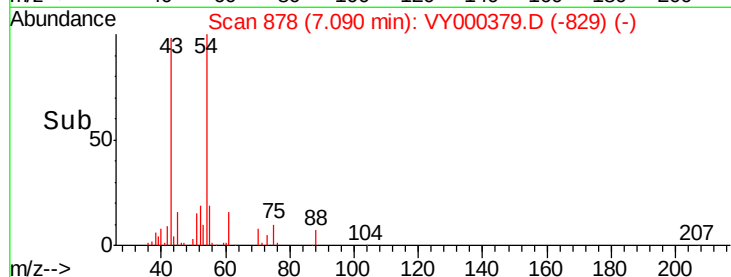
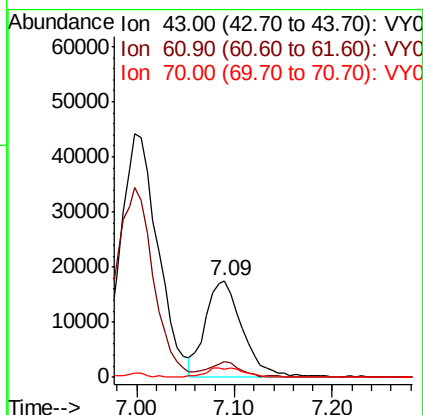
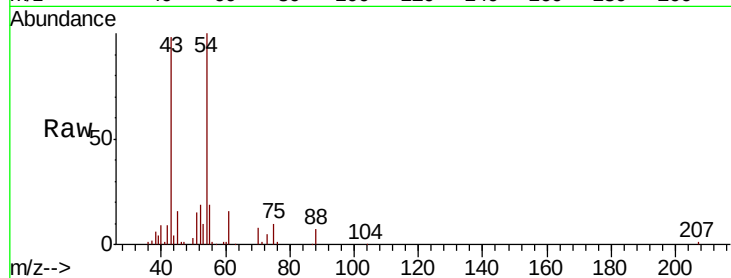




#37
Ethyl Acetate
Concen: 20.163 ug/l
RT: 7.09 min Scan# 878
Delta R.T. -0.00 min
Lab File: VY000379.D
Acq: 23 Oct 2019 14:28

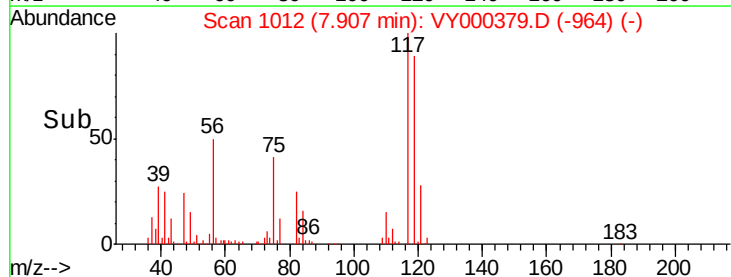
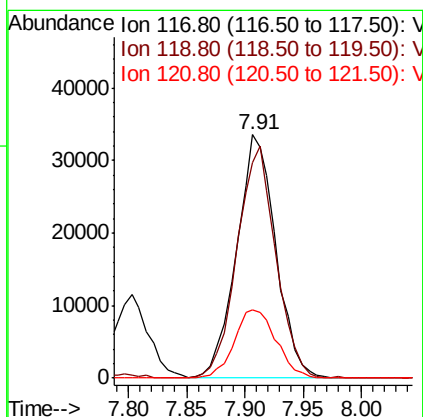
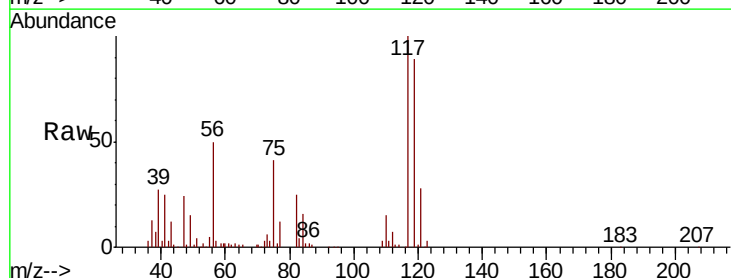
Instrument :
MSVOA_Y
ClientSampled :

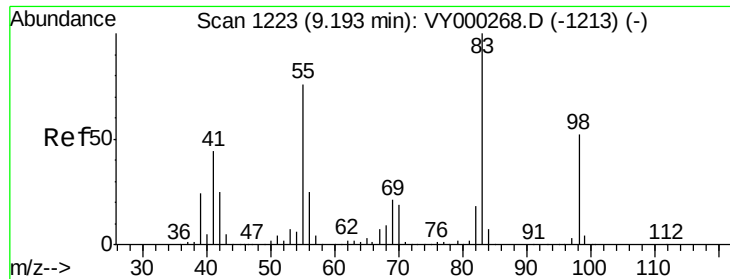
Tot Ion: 43 Resp: 46273
Ion Ratio Lower Upper
43 100
61 14.1 12.1 18.1
70 10.1 8.7 13.1



#38
Carbon Tetrachloride
Concen: 20.972 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.01 min
Lab File: VY000379.D
Acq: 23 Oct 2019 14:28

Tgt Ion: 117 Resp: 78703
Ion Ratio Lower Upper
117 100
119 88.3 72.8 109.2
121 28.0 22.2 33.2

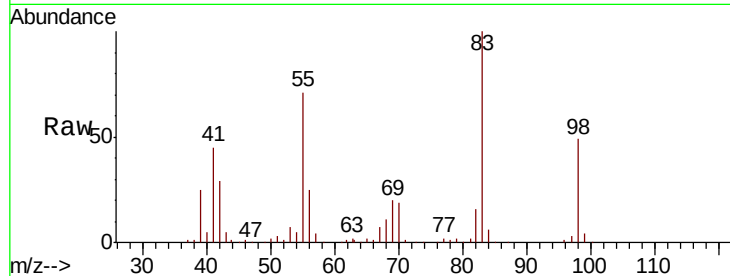




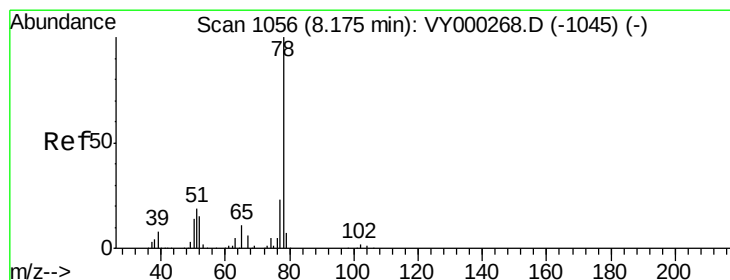
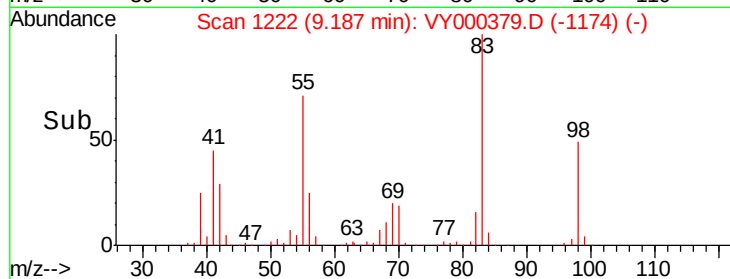
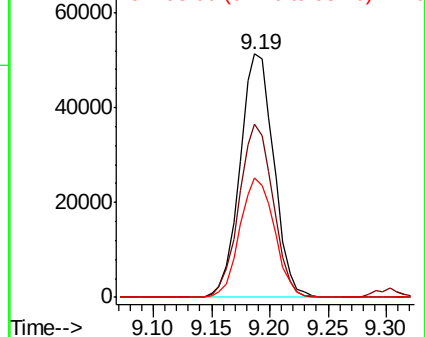
#39
Methylvlcyclohexane
Concen: 20.573 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.01 min
Lab File: VY000379.D
Acq: 23 Oct 2019 14:28

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 83 Resp: 104358
Ion Ratio Lower Upper
83 100
55 71.1 60.9 91.3
98 49.2 41.8 62.6

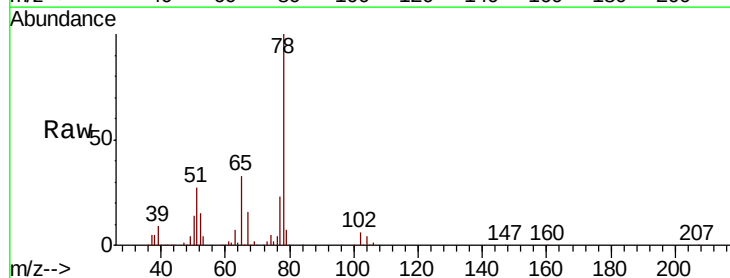


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

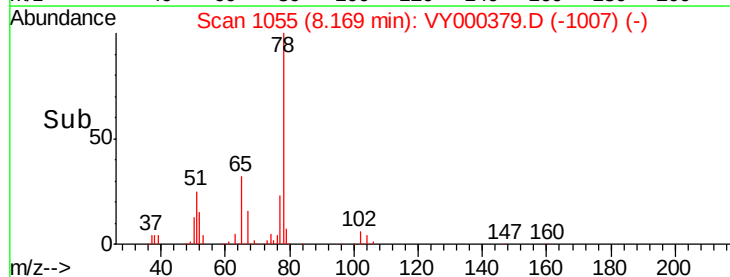
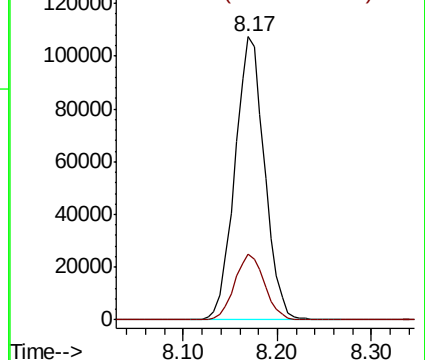


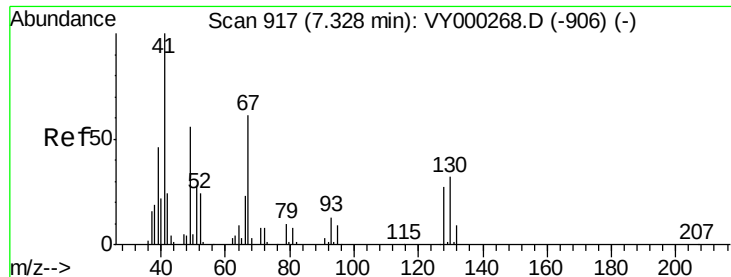
#40
Benzene
Concen: 20.942 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.01 min
Lab File: VY000379.D
Acq: 23 Oct 2019 14:28

Tgt Ion: 78 Resp: 234566
Ion Ratio Lower Upper
78 100
77 23.4 18.8 28.2



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

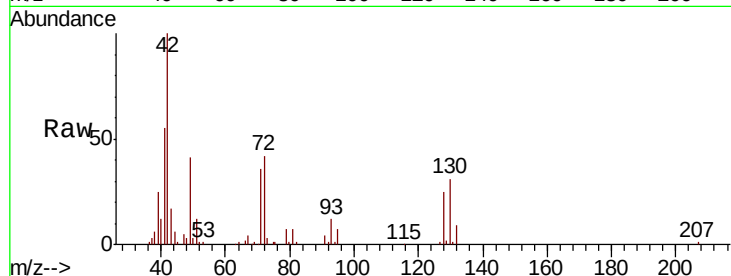




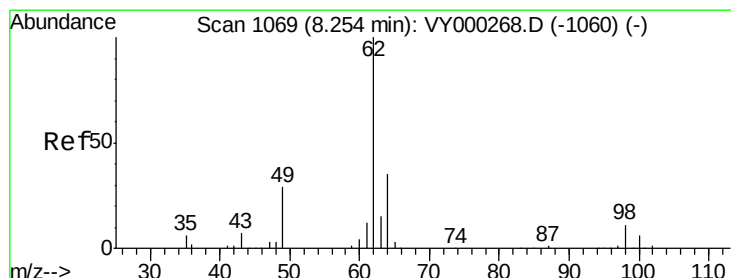
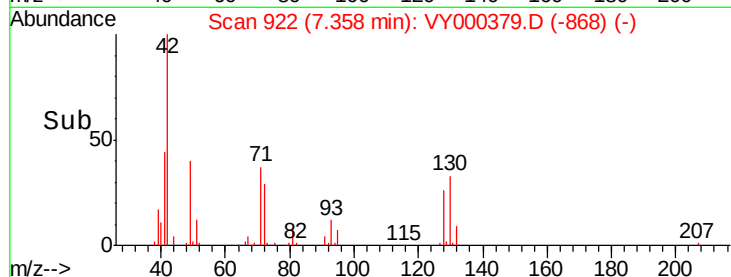
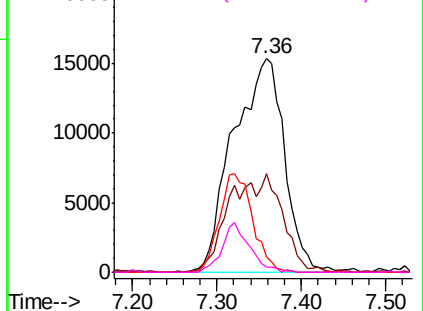
#41
Methacrylonitrile
Concen: 58.393 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.03 min
Lab File: VY000379.D
Acq: 23 Oct 2019 14:28

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 41 Resp: 63788
Ion Ratio Lower Upper
41 100
39 0.0 110.2 165.2#
67 0.0 0.0 0.0
52 0.0 0.0 0.0

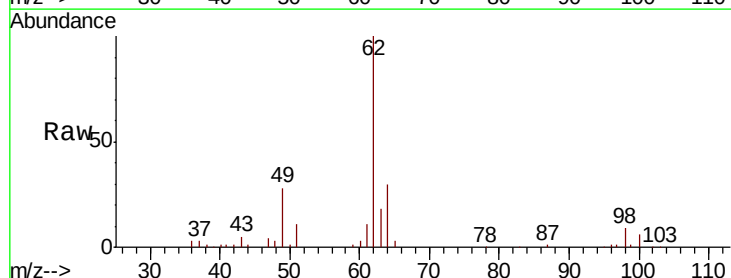


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

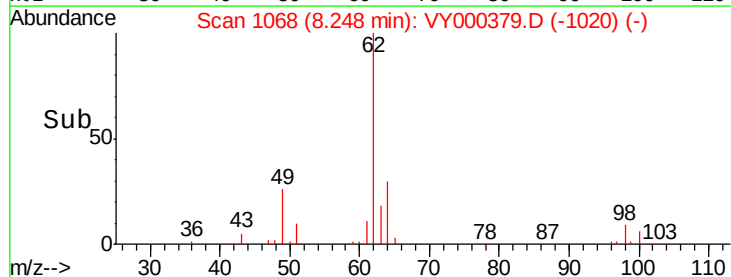
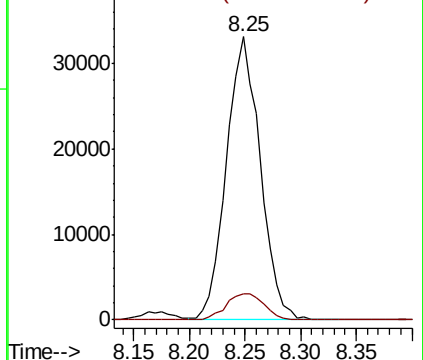


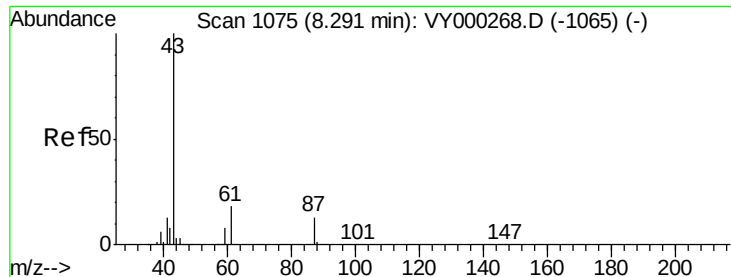
#42
1,2-Dichloroethane
Concen: 21.835 ug/l
RT: 8.25 min Scan# 1068
Delta R.T. -0.01 min
Lab File: VY000379.D
Acq: 23 Oct 2019 14:28

Tgt Ion: 62 Resp: 69859
Ion Ratio Lower Upper
62 100
98 10.4 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: 20.248 ug/l

RT: 8.28 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VY000379.D

Acq: 23 Oct 2019 14:28

Instrument :

MSVOA_Y

ClientSampled :

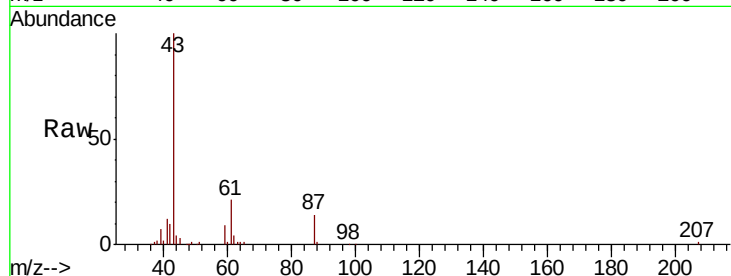
Tot Ion: 43 Resp: 88356

Ion Ratio Lower Upper

43 100

61 29.1 22.3 33.5

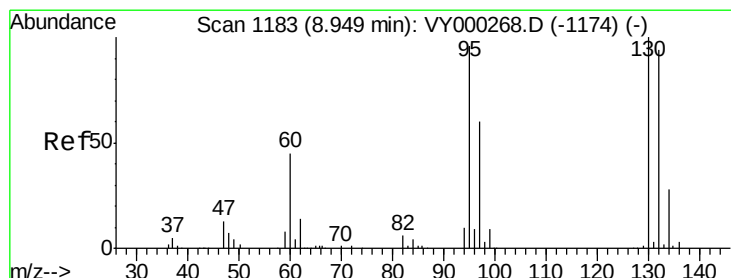
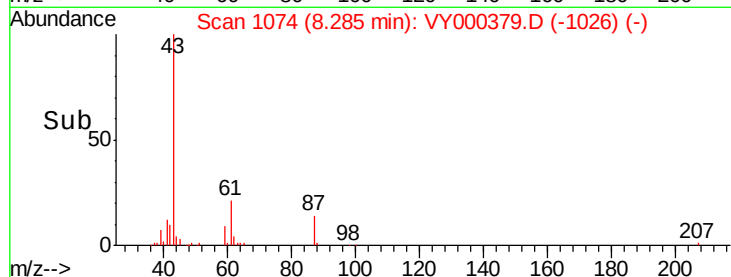
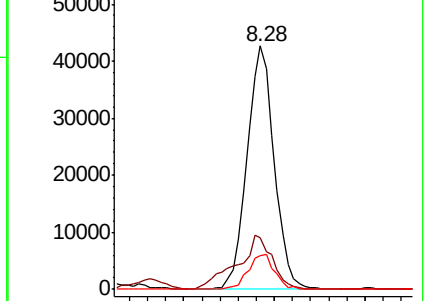
87 14.1 10.9 16.3



Abundance Ion 43.00 (42.70 to 43.70): VY000379.D (-1074) (-)

Ion 61.00 (60.70 to 61.70): VY000379.D (-1074) (-)

Ion 87.00 (86.70 to 87.70): VY000379.D (-1074) (-)



#44

Trichloroethene

Concen: 21.069 ug/l

RT: 8.95 min Scan# 1183

Delta R.T. -0.00 min

Lab File: VY000379.D

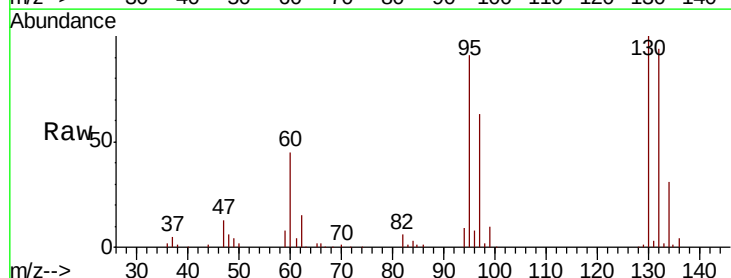
Acq: 23 Oct 2019 14:28

Tgt Ion:130 Resp: 66215

Ion Ratio Lower Upper

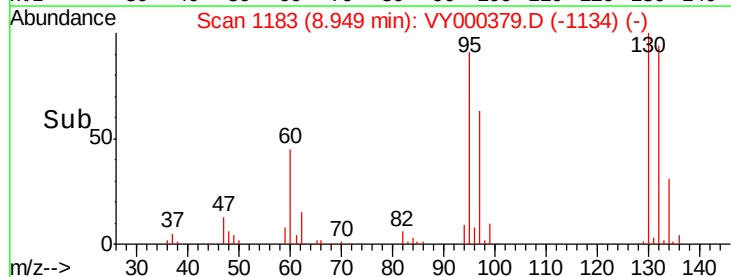
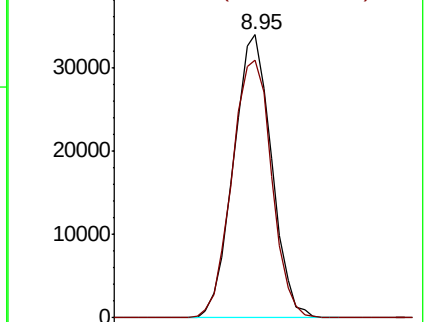
130 100

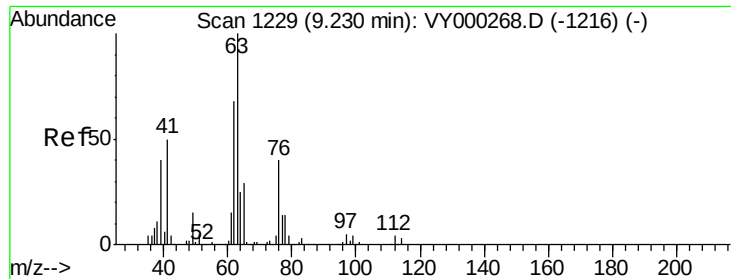
95 90.7 0.0 191.4



Abundance Ion 129.80 (129.50 to 130.50): VY000379.D (-1183) (-)

Ion 94.90 (94.60 to 95.60): VY000379.D (-1183) (-)





#45

1,2-Dichloropropane

Concen: 21.424 ug/l

RT: 9.23 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VY000379.D

Acq: 23 Oct 2019 14:28

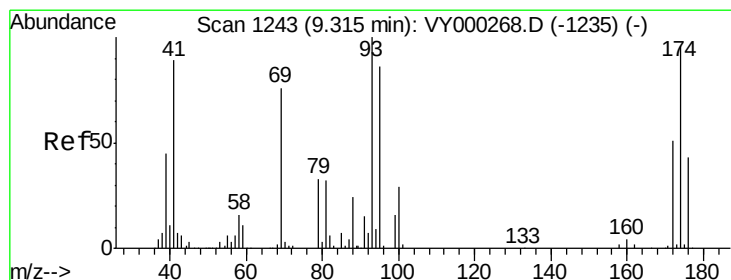
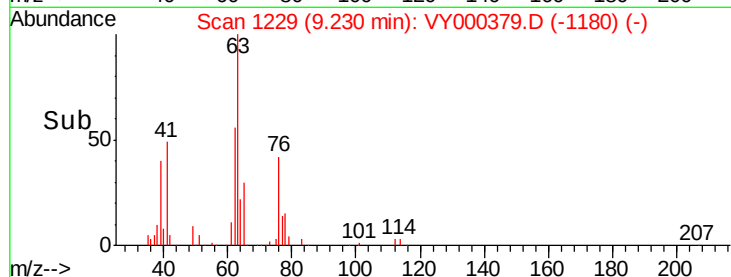
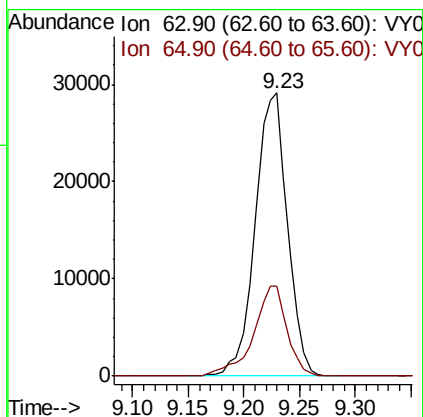
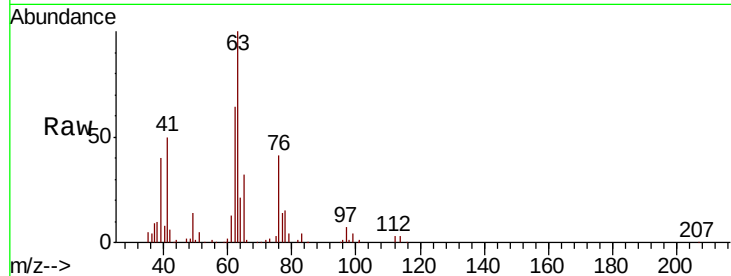
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 63 Resp: 58889

Ion Ratio Lower Upper

63 100

65 31.9 23.2 34.8



#46

Dibromomethane

Concen: 21.788 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. -0.01 min

Lab File: VY000379.D

Acq: 23 Oct 2019 14:28

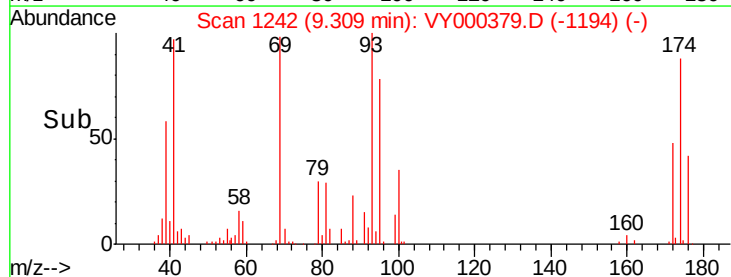
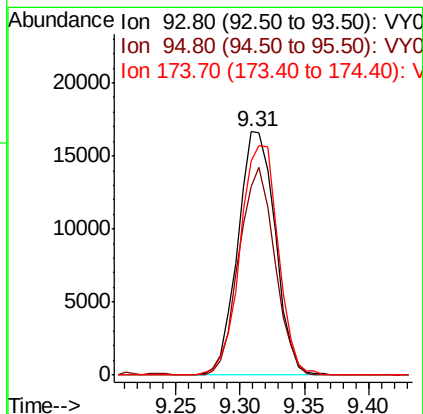
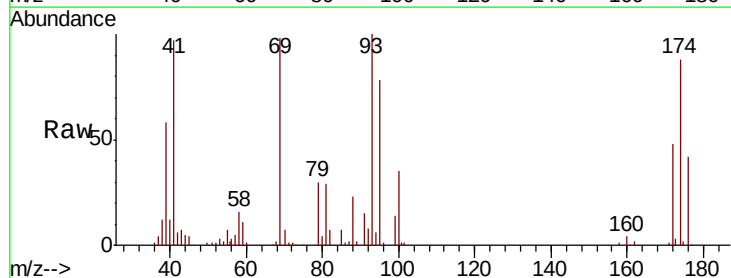
Tgt Ion: 93 Resp: 33479

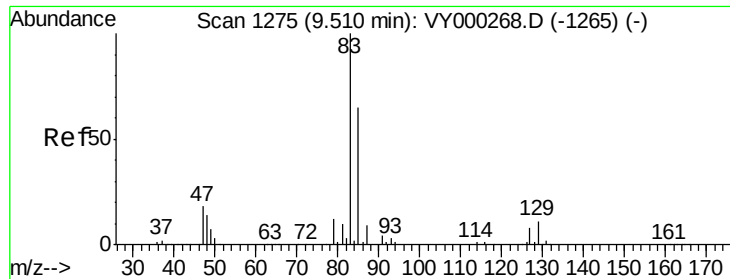
Ion Ratio Lower Upper

93 100

95 81.7 68.2 102.2

174 95.5 79.8 119.6





#47

Bromodichloromethane

Concen: 21.230 ug/l

RT: 9.50 min Scan# 1274

Delta R.T. -0.01 min

Lab File: VY000379.D

Acq: 23 Oct 2019 14:28

Instrument :
MSVOA_Y
ClientSampleId :

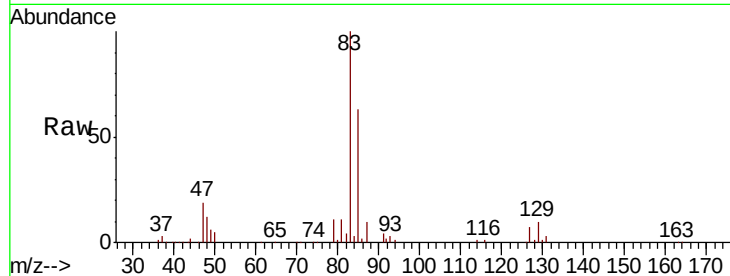
Tot Ion: 83 Resp: 76877

Ion Ratio Lower Upper

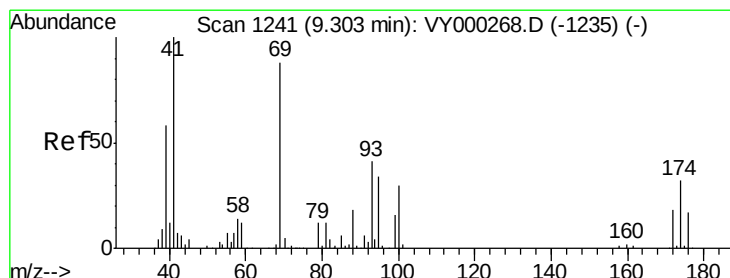
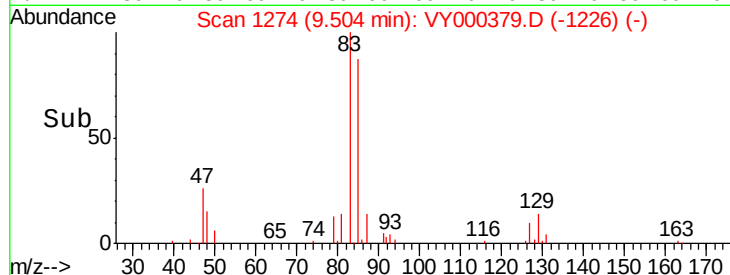
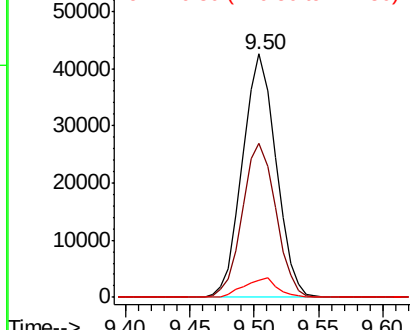
83 100

85 63.3 52.2 78.2

127 6.9 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: 19.536 ug/l

RT: 9.30 min Scan# 1241

Delta R.T. -0.00 min

Lab File: VY000379.D

Acq: 23 Oct 2019 14:28

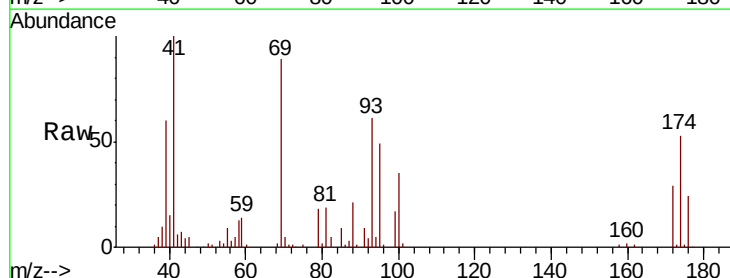
Tgt Ion: 41 Resp: 37361

Ion Ratio Lower Upper

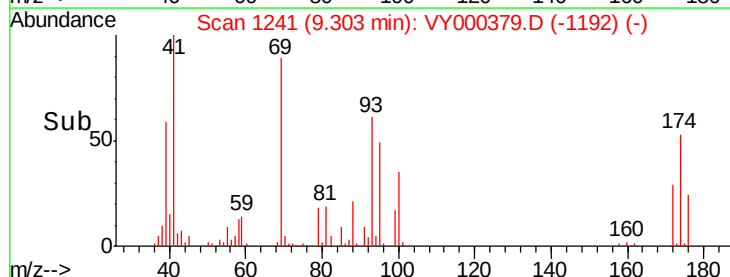
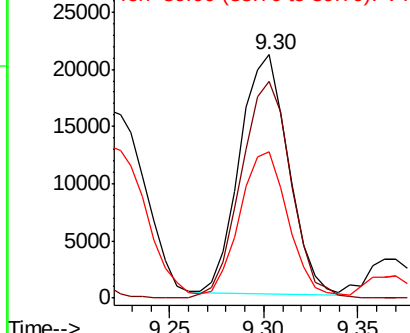
41 100

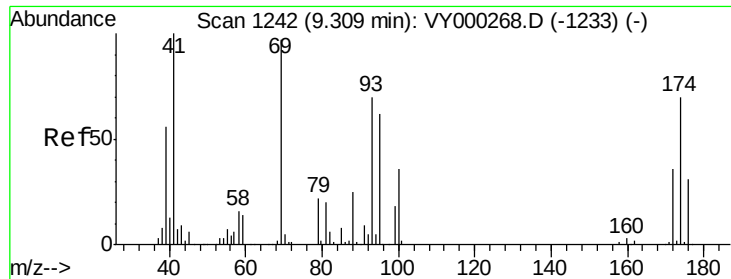
69 93.2 70.0 105.0

39 61.9 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

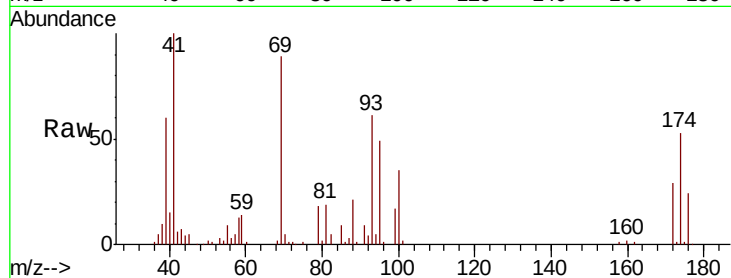




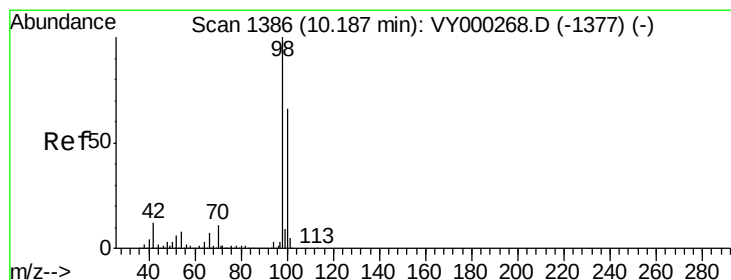
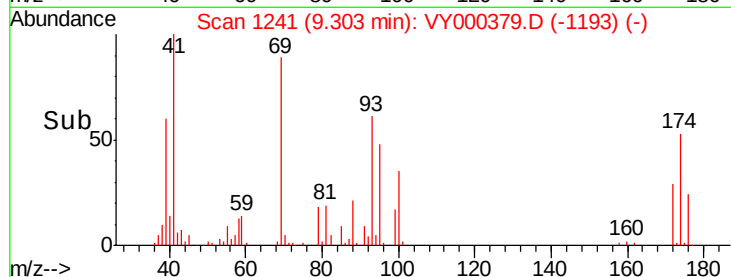
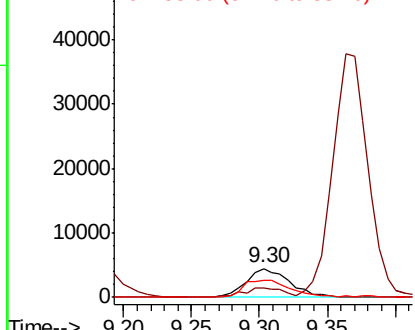
#49
 1,4-Dioxane
 Concen: 433.833 ug/l
 RT: 9.30 min Scan# 1241
 Delta R.T. -0.01 min
 Lab File: VY000379.D
 Acq: 23 Oct 2019 14:28

Instrument :
 MSVOA_Y
 ClientSampled :

Tot Ion: 88 Resp: 9995
 Ion Ratio Lower Upper
 88 100
 43 31.4 25.6 38.4
 58 66.9 54.6 81.8

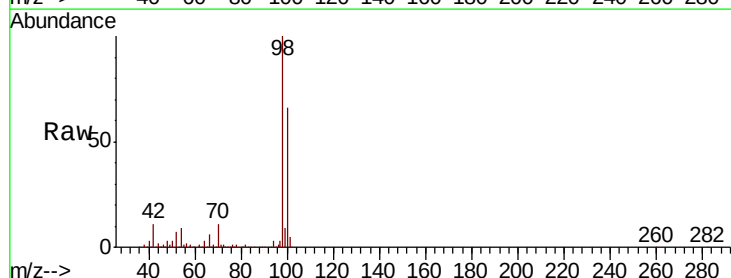


Abundance Ion 88.00 (87.70 to 88.70): VY0
 Ion 43.00 (42.70 to 43.70): VY0
 Ion 58.00 (57.70 to 58.70): VY0

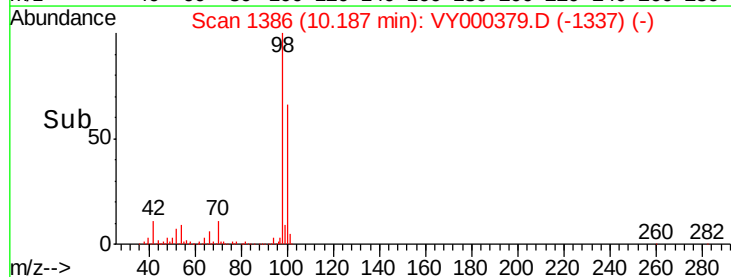
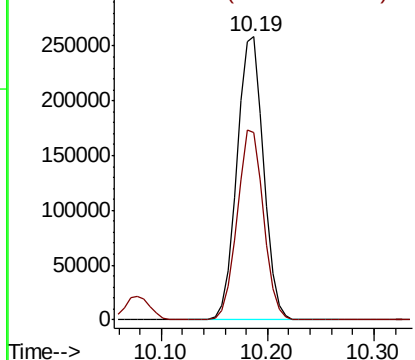


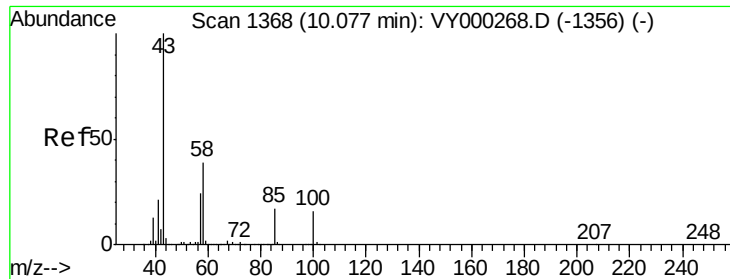
#50
 Toluene-d8
 Concen: 49.351 ug/l
 RT: 10.19 min Scan# 1386
 Delta R.T. -0.00 min
 Lab File: VY000379.D
 Acq: 23 Oct 2019 14:28

Tgt Ion: 98 Resp: 453326
 Ion Ratio Lower Upper
 98 100
 100 66.6 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VY0
 Ion 100.00 (99.70 to 100.70): VY0

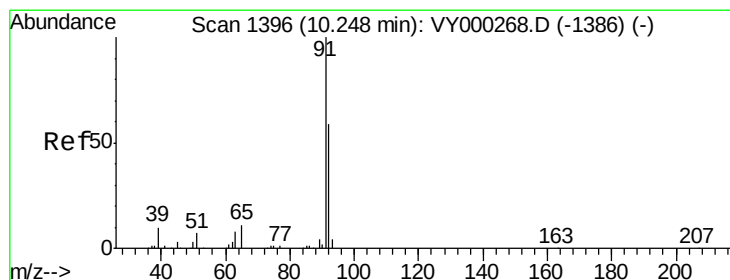
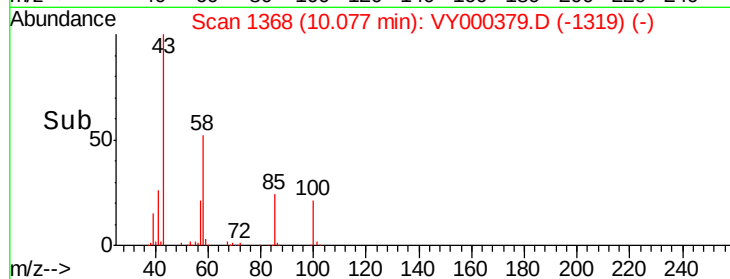
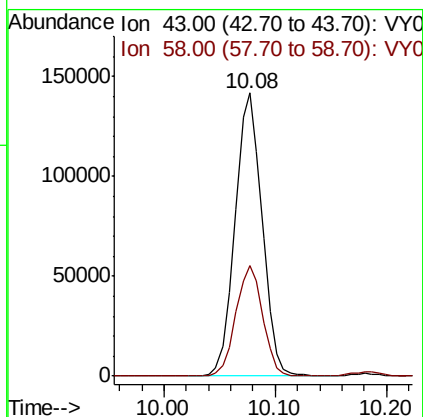
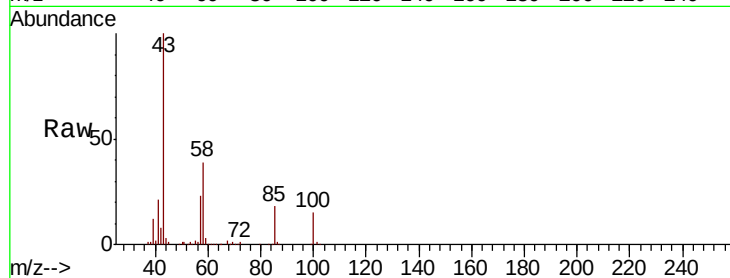




#51
 4-Methyl-2-Pentanone
 Concen: 105.696 ug/l
 RT: 10.08 min Scan# 1368
 Delta R.T. -0.00 min
 Lab File: VY000379.D
 Acq: 23 Oct 2019 14:28

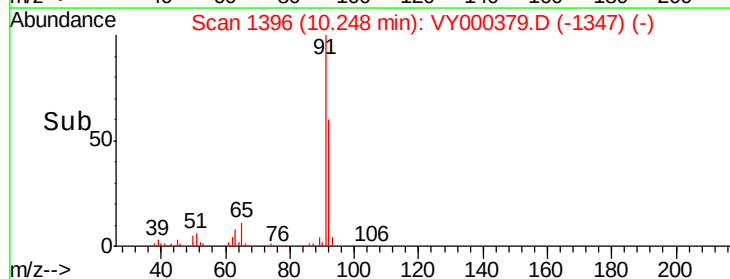
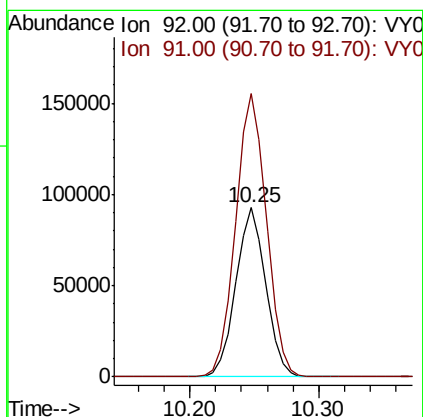
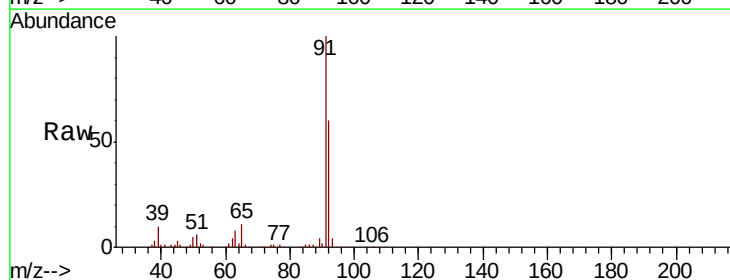
Instrument :
 MSVOA_Y
 ClientSampleId :

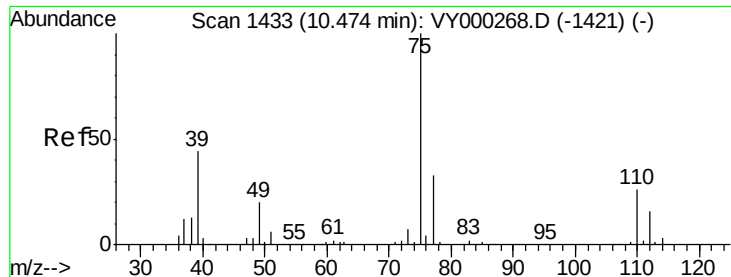
Tot Ion: 43 Resp: 237884
 Ion Ratio Lower Upper
 43 100
 58 38.6 31.0 46.6



#52
 Toluene
 Concen: 20.929 ug/l
 RT: 10.25 min Scan# 1396
 Delta R.T. -0.00 min
 Lab File: VY000379.D
 Acq: 23 Oct 2019 14:28

Tgt Ion: 92 Resp: 148828
 Ion Ratio Lower Upper
 92 100
 91 172.6 136.6 205.0





#53

t-1,3-Dichloropropene

Concen: 21.167 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.01 min

Lab File: VY000379.D

Acq: 23 Oct 2019 14:28

Instrument :

MSVOA_Y

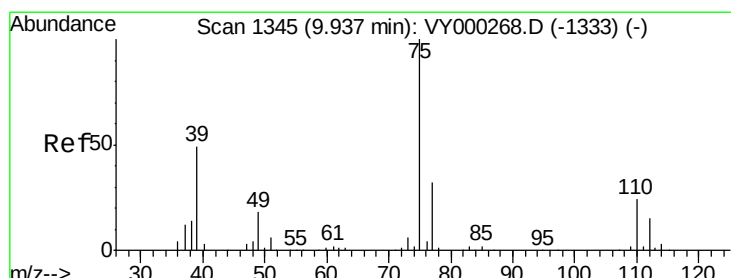
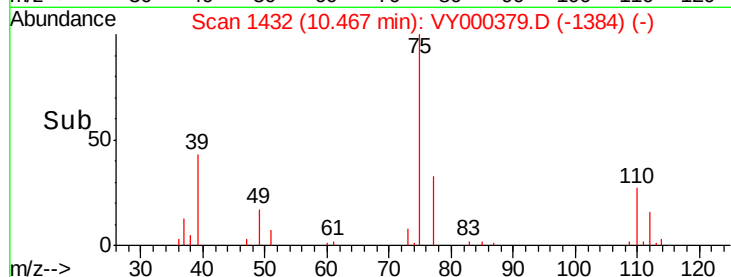
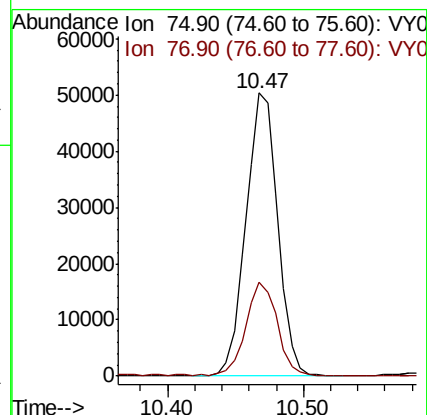
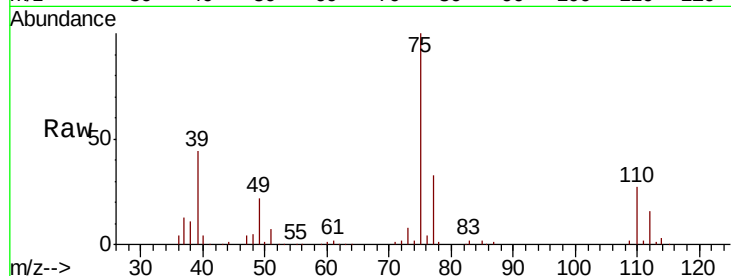
ClientSampleId :

Tot Ion: 75 Resp: 82147

Ion Ratio Lower Upper

75 100

77 33.1 26.0 39.0



#54

cis-1,3-Dichloropropene

Concen: 21.455 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.01 min

Lab File: VY000379.D

Acq: 23 Oct 2019 14:28

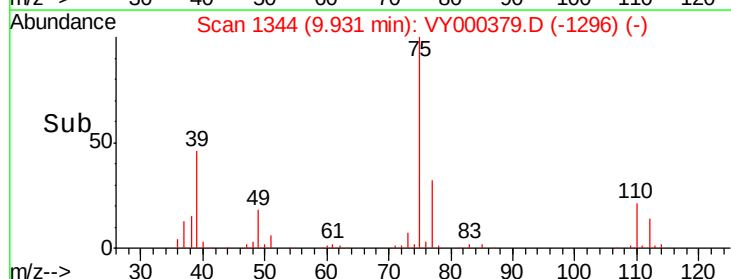
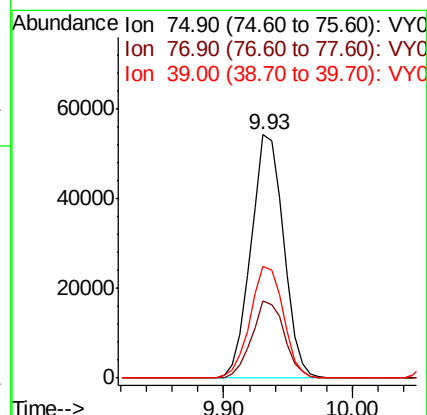
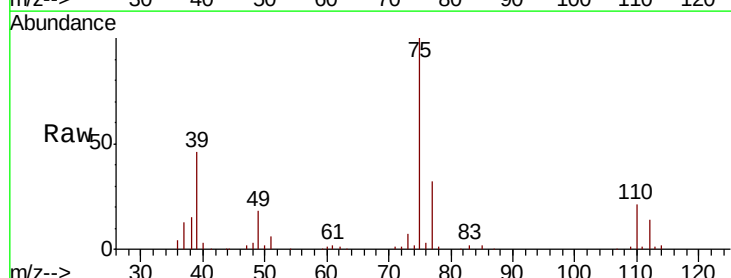
Tgt Ion: 75 Resp: 94560

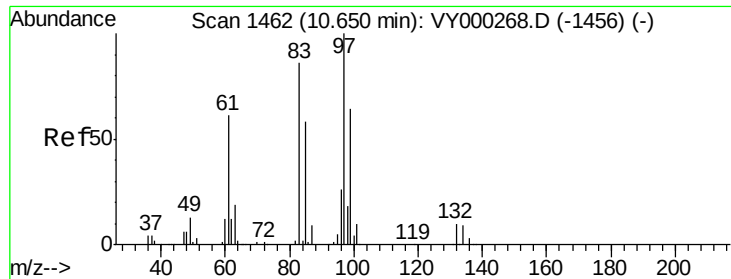
Ion Ratio Lower Upper

75 100

77 31.6 26.0 39.0

39 45.7 38.8 58.2



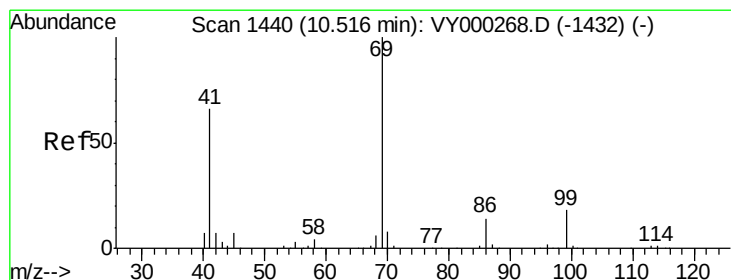
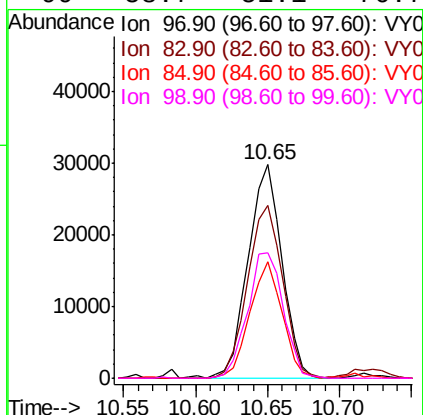
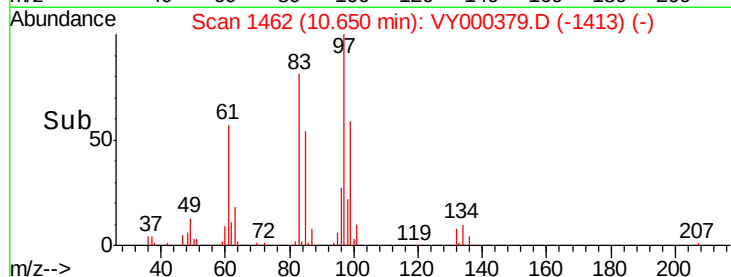
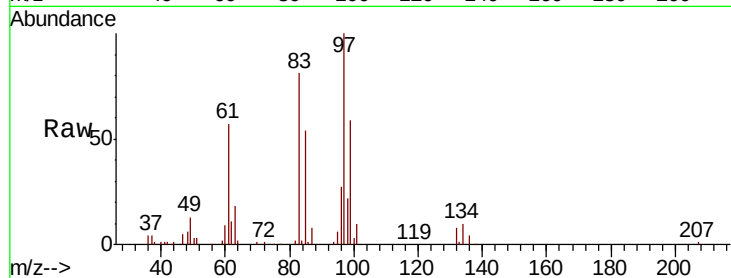


#55
 1,1,2-Trichloroethane
 Concen: 21.570 ug/l
 RT: 10.65 min Scan# 1462
 Delta R.T. -0.00 min
 Lab File: VY000379.D
 Acq: 23 Oct 2019 14:28

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion: 97 Resp: 48189

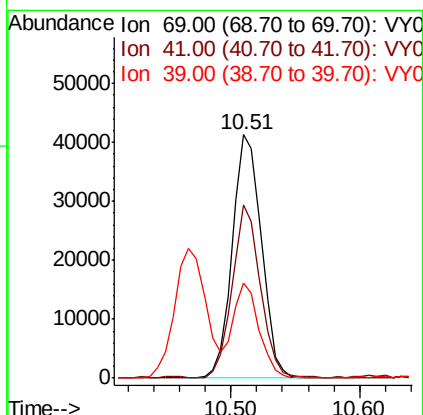
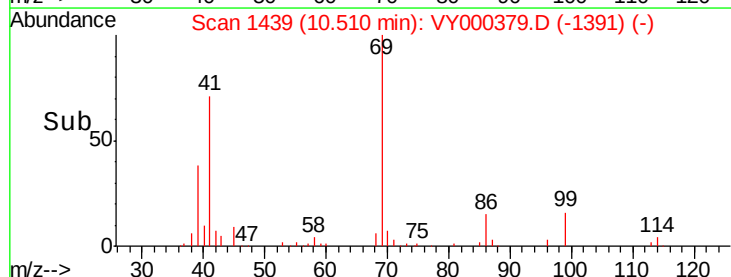
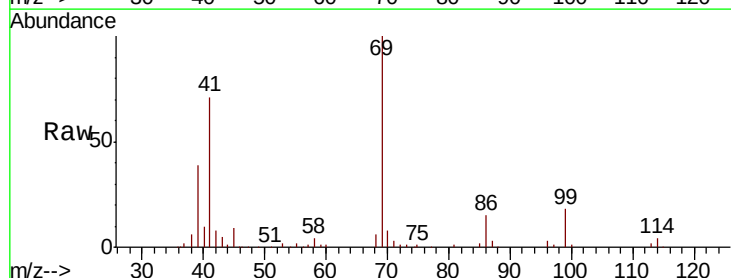
Ion	Ratio	Lower	Upper
97	100		
83	81.0	69.0	103.6
85	54.4	46.2	69.4
99	58.7	51.1	76.7

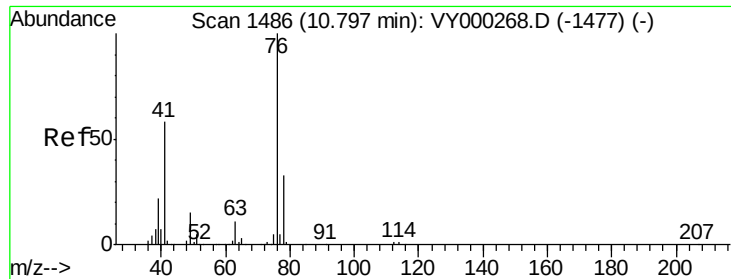


#56
 Ethyl methacrylate
 Concen: 20.420 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: VY000379.D
 Acq: 23 Oct 2019 14:28

Tgt Ion: 69 Resp: 65026

Ion	Ratio	Lower	Upper
69	100		
41	68.9	52.5	78.7
39	35.5	26.7	40.1





#57

1,3-Dichloropropane

Concen: 21.163 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. -0.01 min

Lab File: VY000379.D

Acq: 23 Oct 2019 14:28

Instrument :

MSVOA_Y

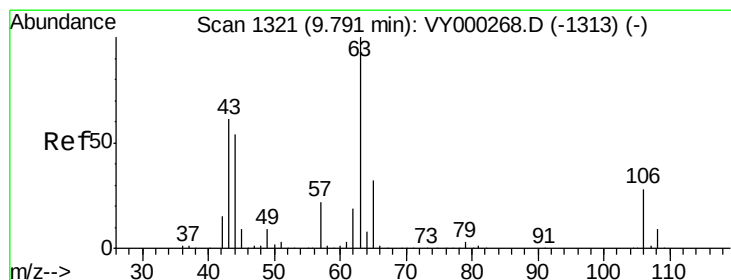
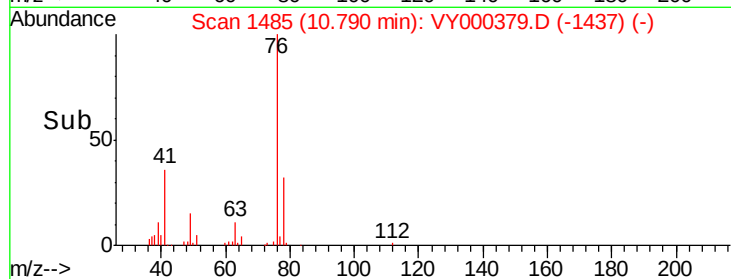
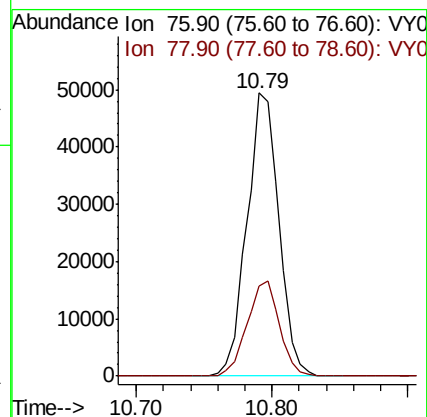
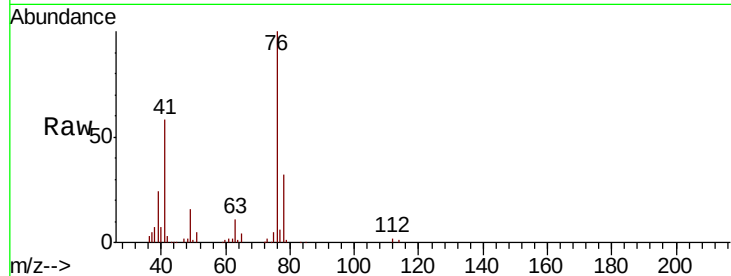
ClientSampled :

Tot Ion: 76 Resp: 81199

Ion Ratio Lower Upper

76 100

78 33.7 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 118.617 ug/l

RT: 9.79 min Scan# 1321

Delta R.T. -0.00 min

Lab File: VY000379.D

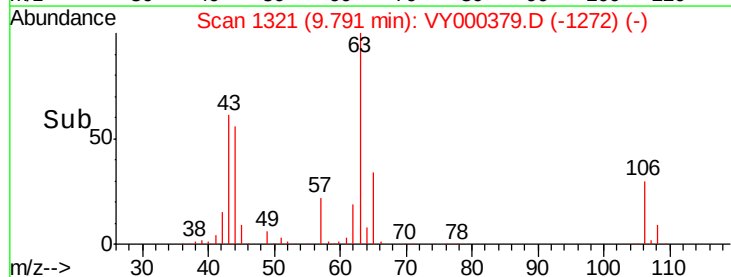
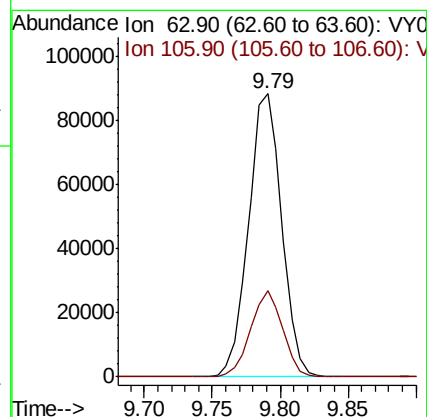
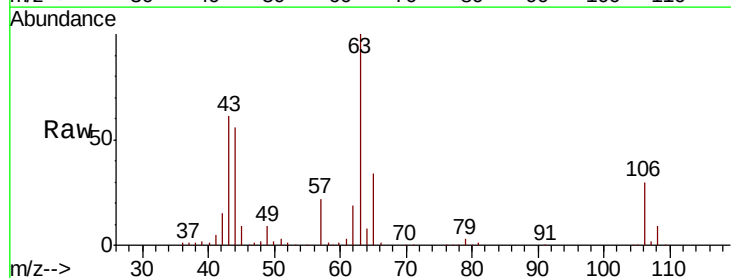
Acq: 23 Oct 2019 14:28

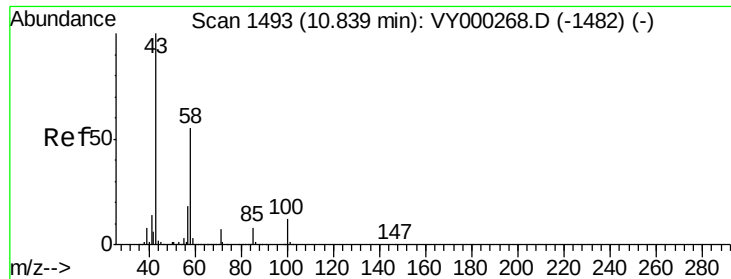
Tgt Ion: 63 Resp: 150663

Ion Ratio Lower Upper

63 100

106 29.2 23.0 34.4

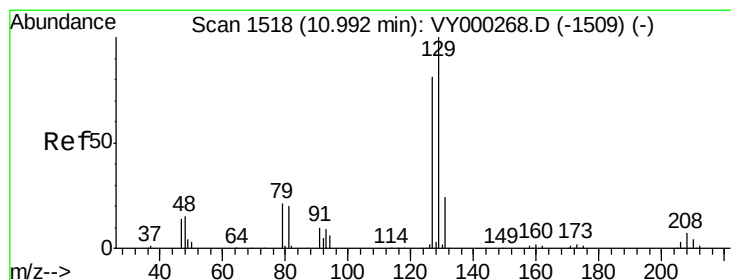
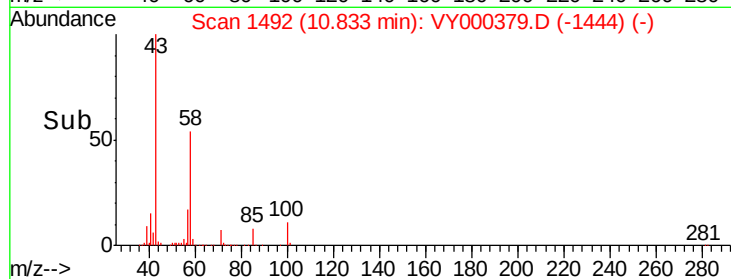
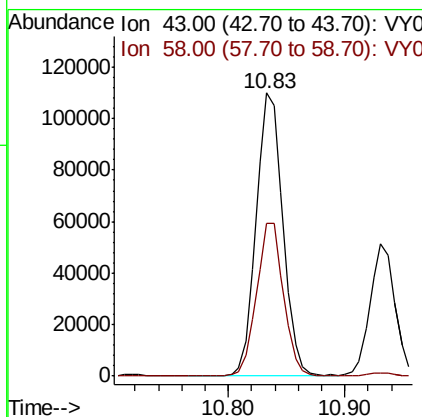
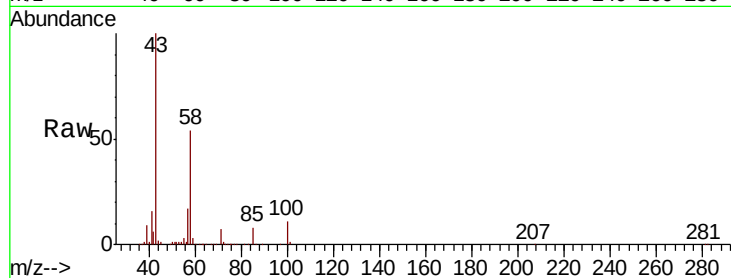




#59
2-Hexanone
Concen: 111.419 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.01 min
Lab File: VY000379.D
Acq: 23 Oct 2019 14:28

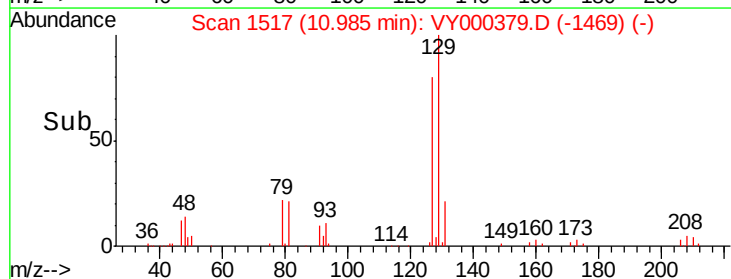
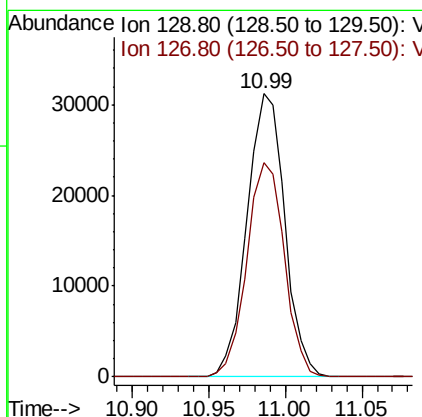
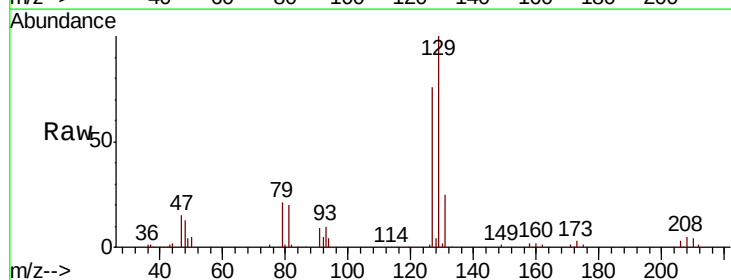
Instrument :
MSVOA_Y
ClientSampleId :

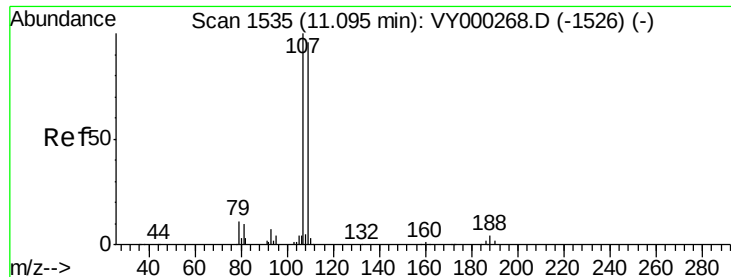
Tot Ion: 43 Resp: 176016
Ion Ratio Lower Upper
43 100
58 54.3 27.7 83.1



#60
Dibromochloromethane
Concen: 21.657 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.01 min
Lab File: VY000379.D
Acq: 23 Oct 2019 14:28

Tgt Ion: 129 Resp: 53627
Ion Ratio Lower Upper
129 100
127 74.9 39.9 119.7

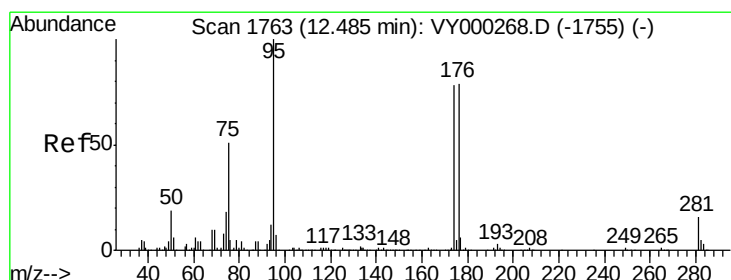
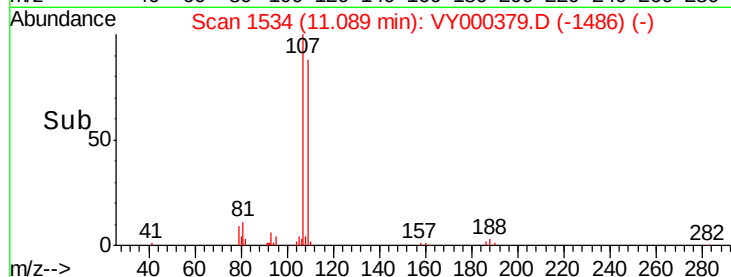
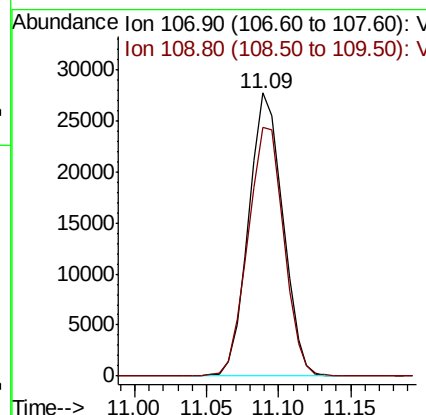
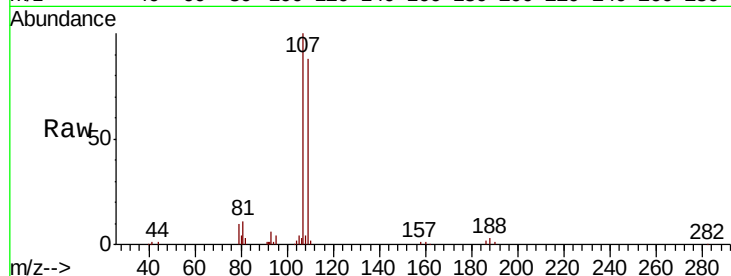




#61
 1,2-Dibromoethane
 Concen: 21.284 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.01 min
 Lab File: VY000379.D
 Acq: 23 Oct 2019 14:28

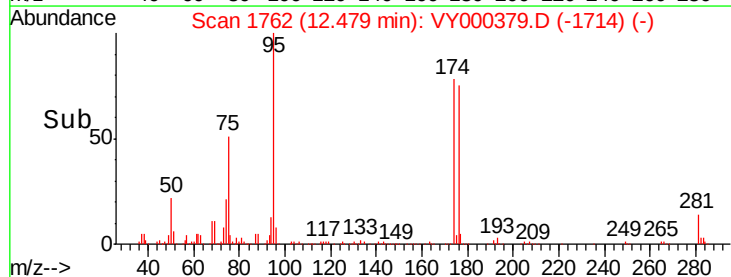
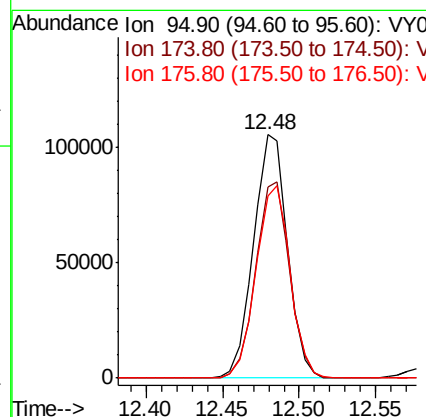
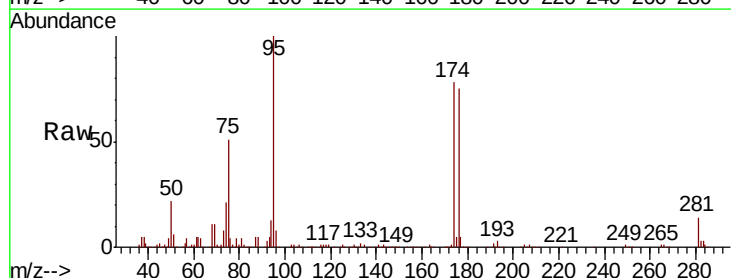
Instrument :
 MSVOA_Y
 ClientSampleId :

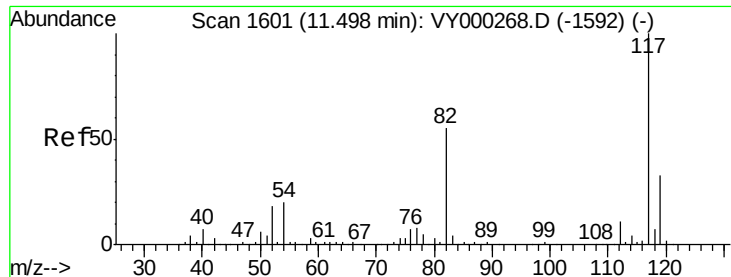
Tot Ion: 107 Resp: 45657
 Ion Ratio Lower Upper
 107 100
 109 92.0 75.1 112.7



#62
 4-Bromofluorobenzene
 Concen: 46.674 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.01 min
 Lab File: VY000379.D
 Acq: 23 Oct 2019 14:28

Tgt Ion: 95 Resp: 162879
 Ion Ratio Lower Upper
 95 100
 174 80.8 0.0 159.6
 176 79.8 0.0 153.8

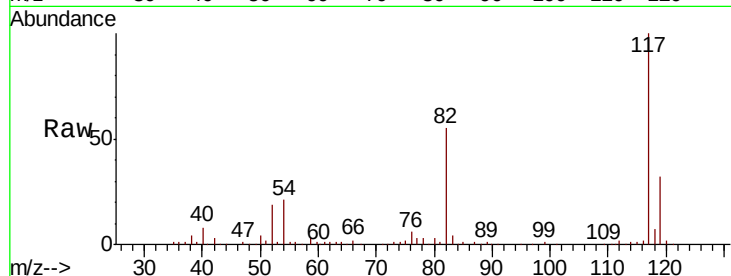




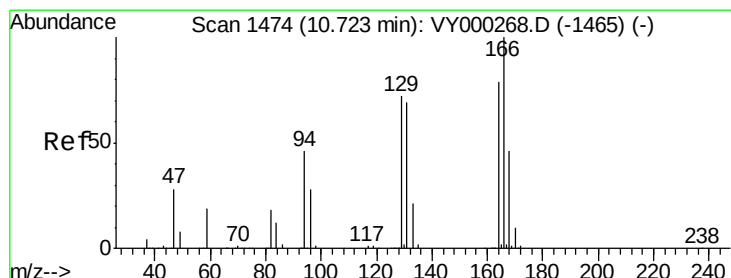
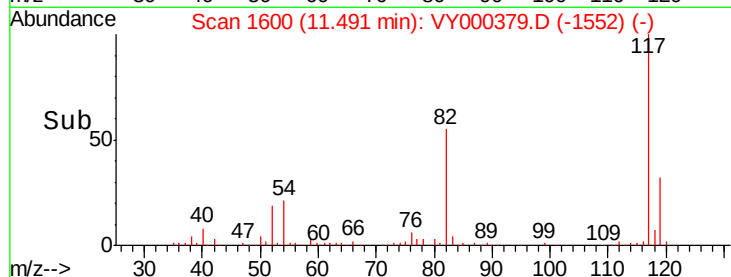
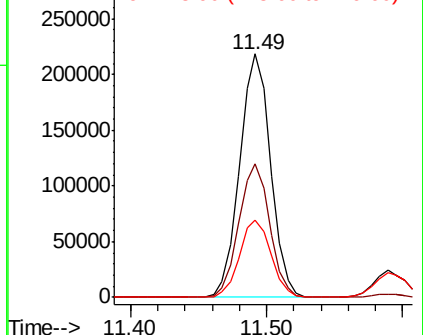
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY000379.D
Acq: 23 Oct 2019 14:28

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:117 Resp: 345455
Ion Ratio Lower Upper
117 100
82 55.0 43.7 65.5
119 31.8 26.6 39.8

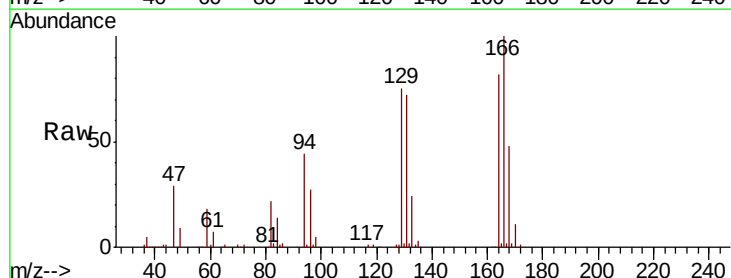


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

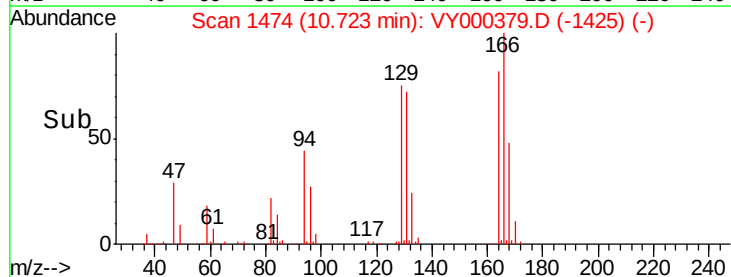
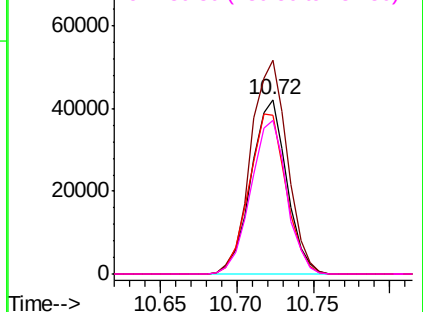


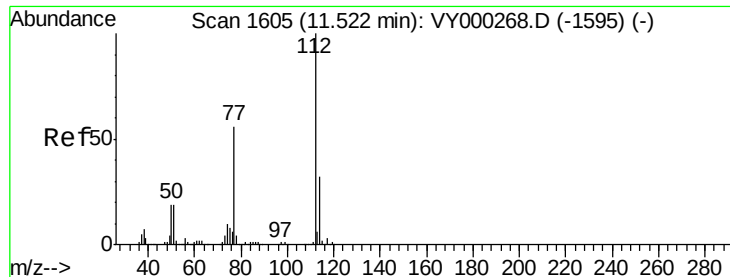
#64
Tetrachloroethene
Concen: 20.883 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VY000379.D
Acq: 23 Oct 2019 14:28

Tgt Ion:164 Resp: 68678
Ion Ratio Lower Upper
164 100
166 122.3 100.6 151.0
129 91.1 72.8 109.2
131 88.2 69.4 104.2



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

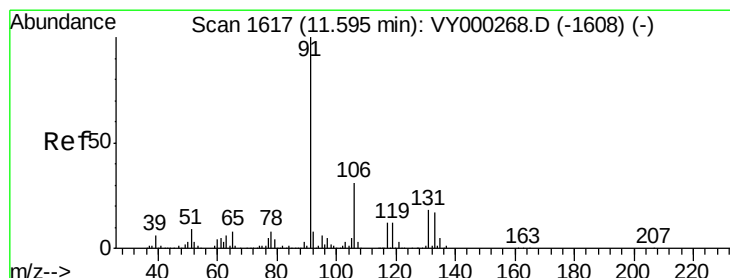
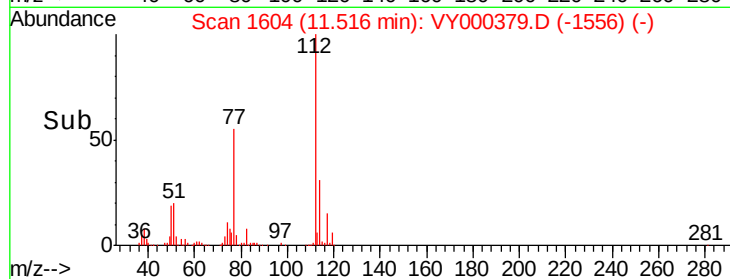
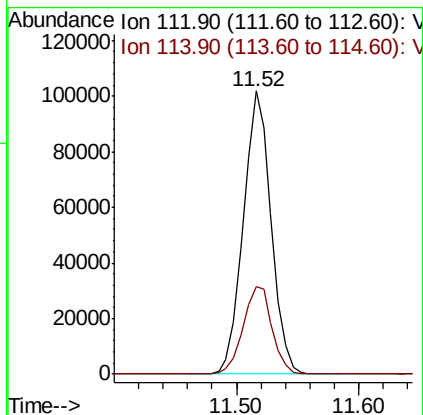
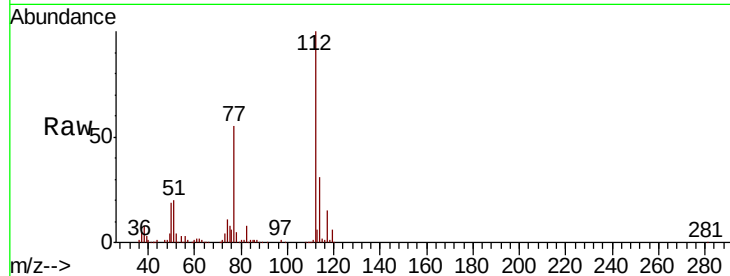




#65
Chlorobenzene
Concen: 21.909 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.01 min
Lab File: VY000379.D
Acq: 23 Oct 2019 14:28

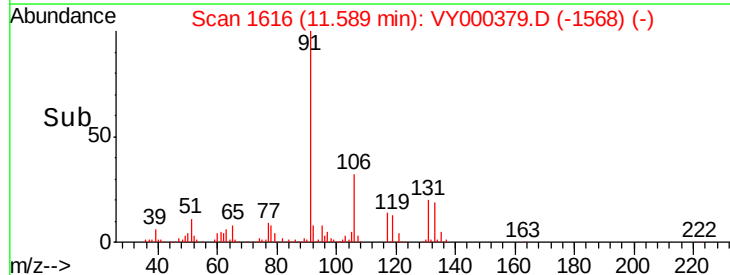
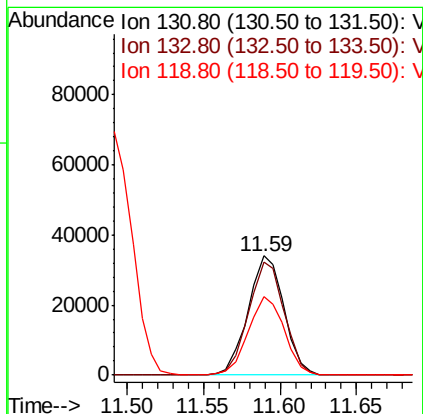
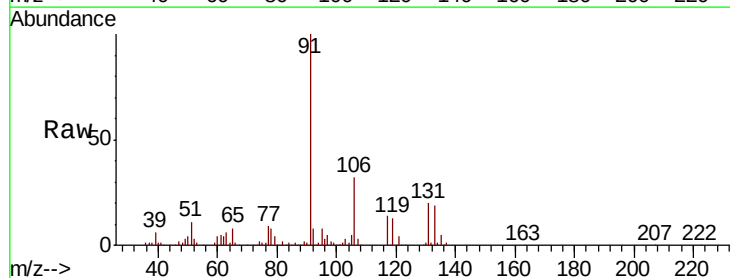
Instrument :
MSVOA_Y
ClientSampleId :

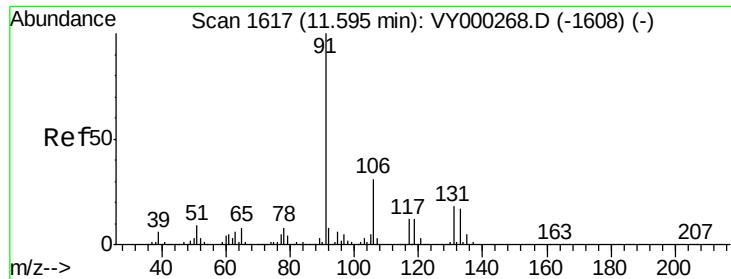
Tot Ion:112 Resp: 159727
Ion Ratio Lower Upper
112 100
114 31.1 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 21.663 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.01 min
Lab File: VY000379.D
Acq: 23 Oct 2019 14:28

Tgt Ion:131 Resp: 55481
Ion Ratio Lower Upper
131 100
133 94.6 47.2 141.6
119 66.1 32.6 98.0

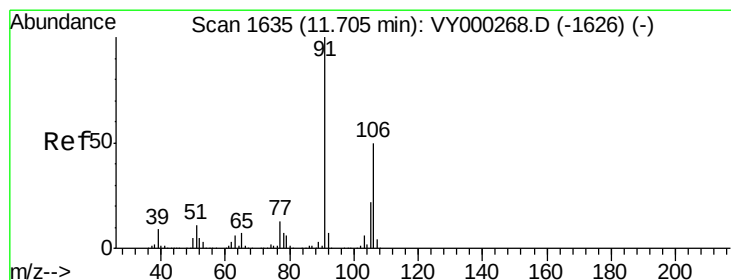
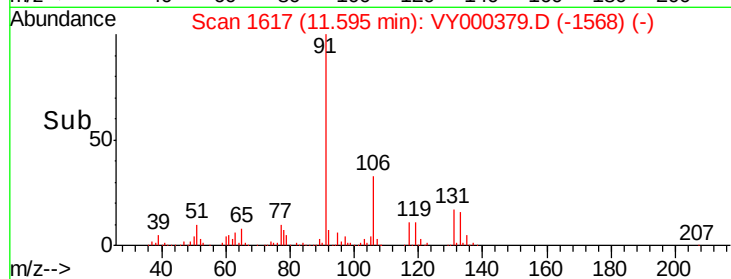
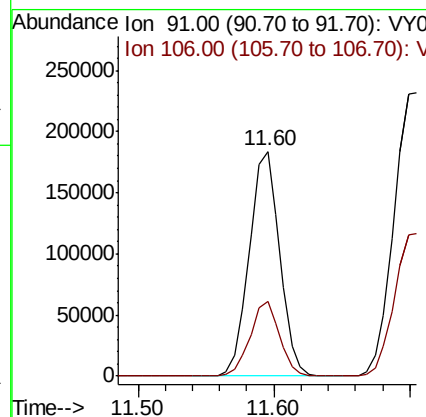
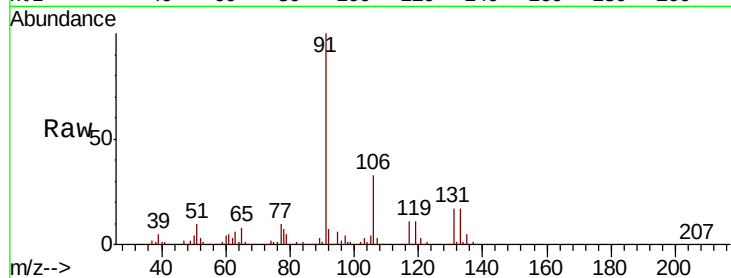




#67
Ethyl Benzene
Concen: 21.336 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. -0.00 min
Lab File: VY000379.D
Acq: 23 Oct 2019 14:28

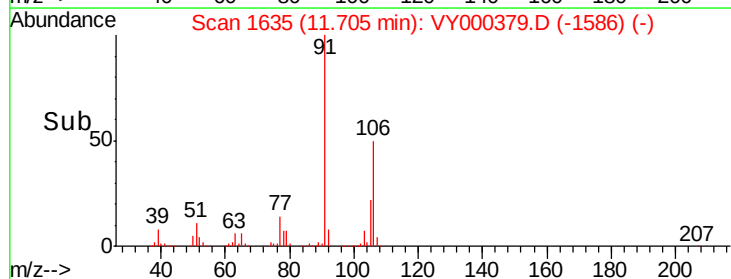
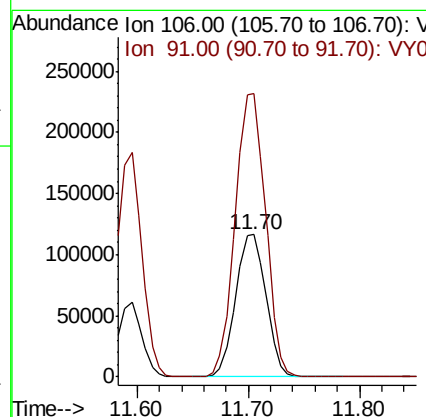
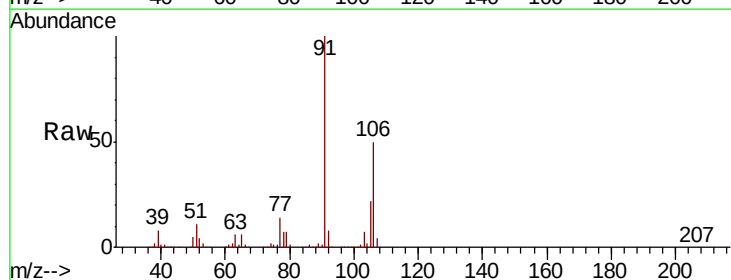
Instrument :
MSVOA_Y
ClientSampled :

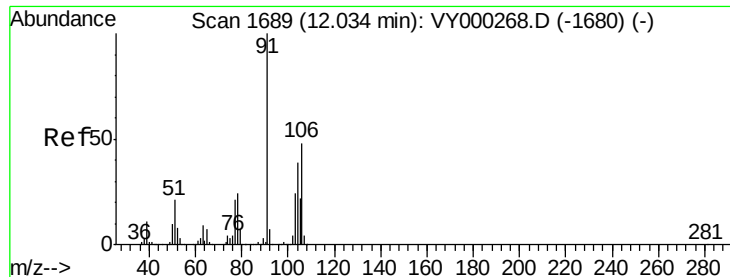
Tot Ion: 91 Resp: 288354
Ion Ratio Lower Upper
91 100
106 33.4 25.0 37.6



#68
m/p-Xylenes
Concen: 42.572 ug/l
RT: 11.70 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VY000379.D
Acq: 23 Oct 2019 14:28

Tgt Ion: 106 Resp: 219955
Ion Ratio Lower Upper
106 100
91 198.9 157.5 236.3

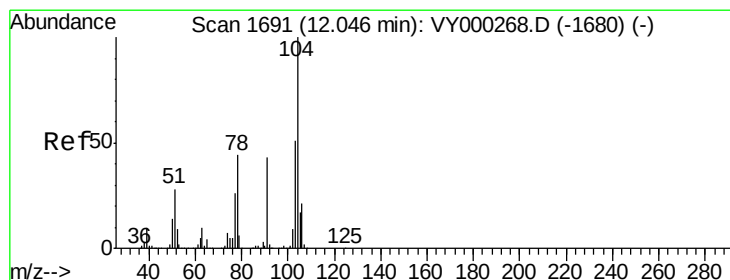
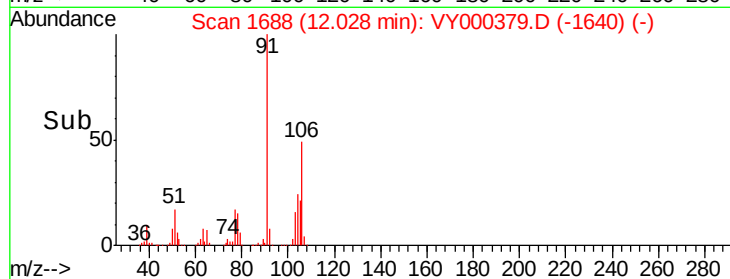
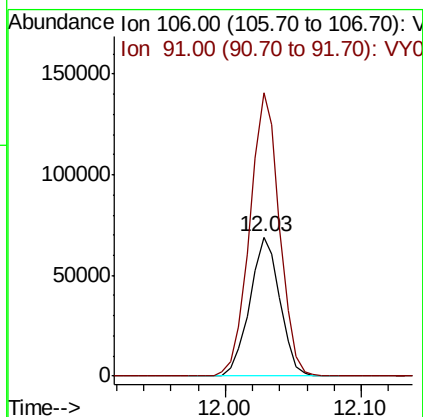
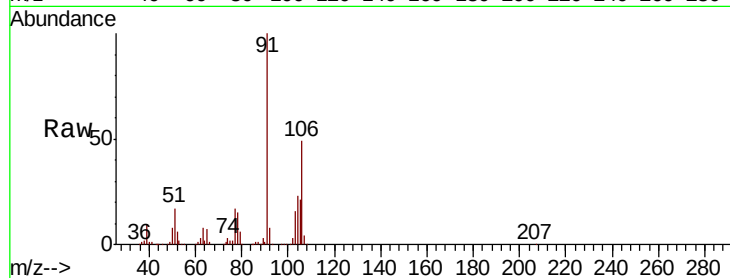




#69
o-Xylene
Concen: 21.741 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.01 min
Lab File: VY000379.D
Acq: 23 Oct 2019 14:28

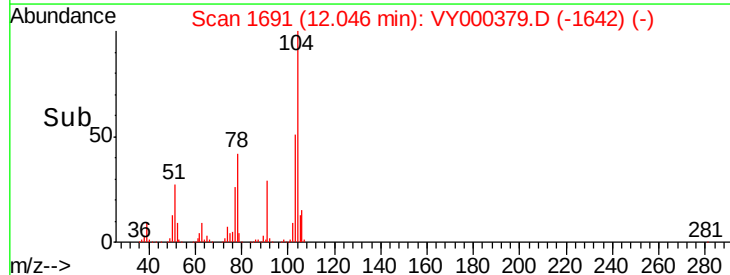
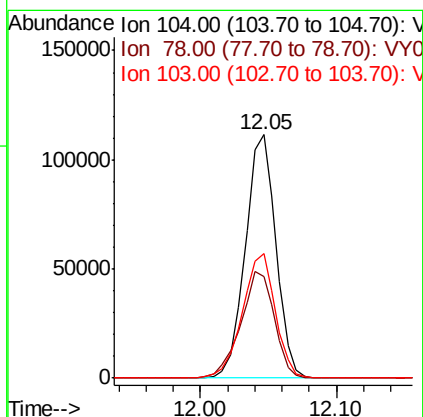
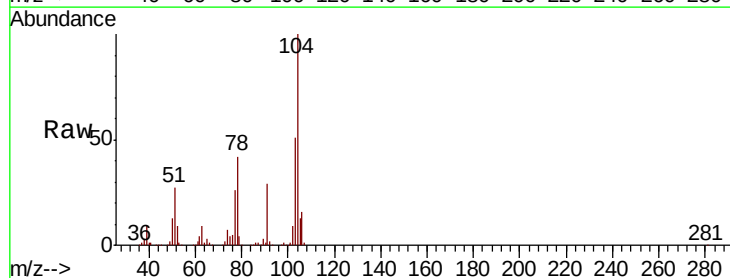
Instrument :
MSVOA_Y
ClientSampled :

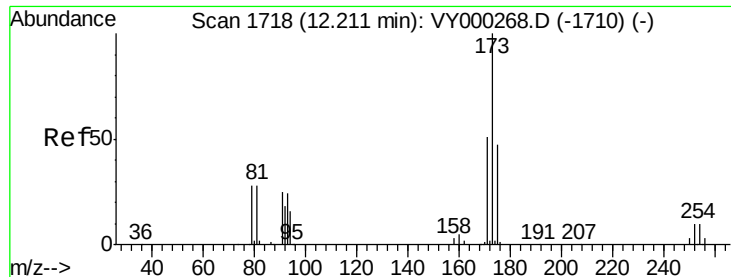
Tot Ion:106 Resp: 107158
Ion Ratio Lower Upper
106 100
91 200.8 104.7 313.9



#70
Styrene
Concen: 21.067 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. -0.00 min
Lab File: VY000379.D
Acq: 23 Oct 2019 14:28

Tgt Ion:104 Resp: 175116
Ion Ratio Lower Upper
104 100
78 48.2 39.0 58.6
103 54.9 43.1 64.7





#71

Bromoform

Concen: 20.950 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. -0.00 min

Lab File: VY000379.D

Acq: 23 Oct 2019 14:28

Instrument :

MSVOA_Y

ClientSampled :

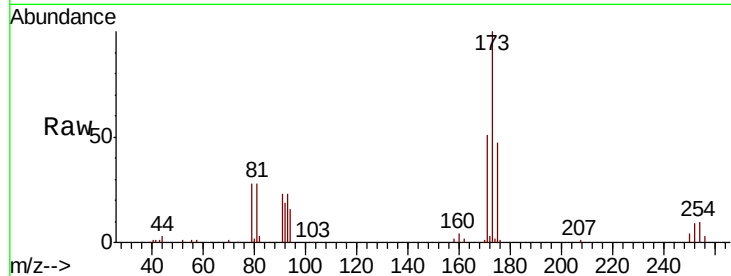
Tot Ion:173 Resp: 30844

Ion Ratio Lower Upper

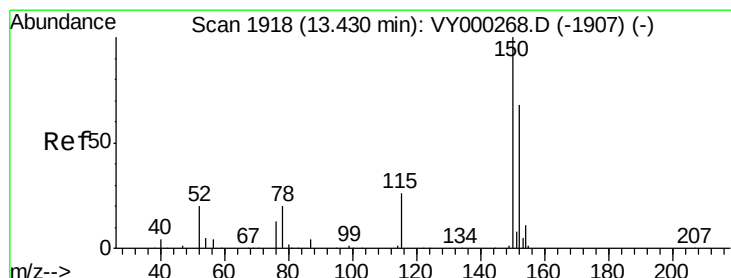
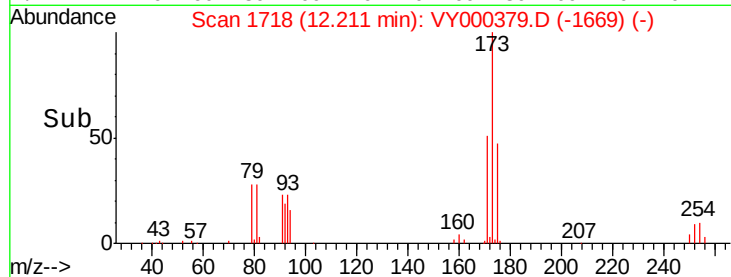
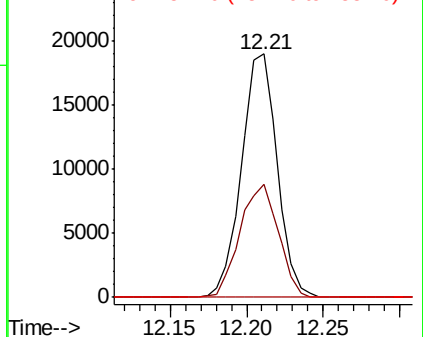
173 100

175 49.9 24.6 73.6

254 0.0 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: VY000379.D

Acq: 23 Oct 2019 14:28

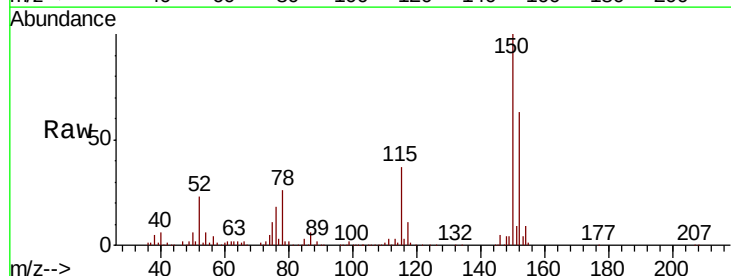
Tgt Ion:152 Resp: 172813

Ion Ratio Lower Upper

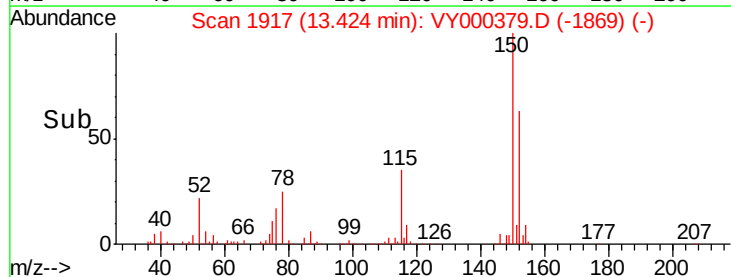
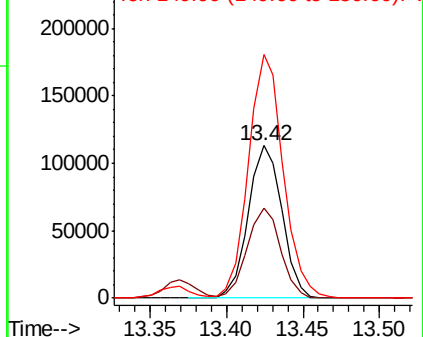
152 100

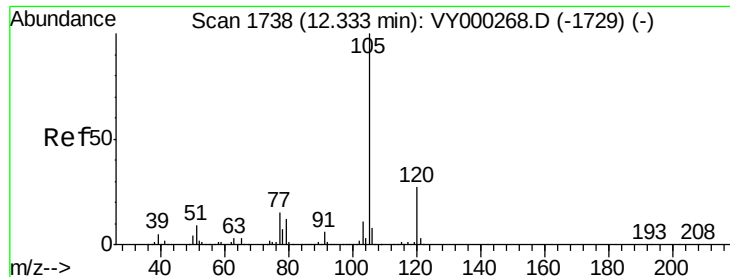
115 58.8 29.3 88.0

150 165.4 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: 20.943 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.01 min

Lab File: VY000379.D

Acq: 23 Oct 2019 14:28

Instrument :

MSVOA_Y

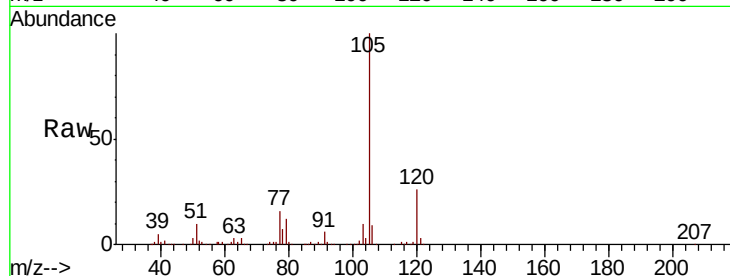
ClientSampleId :

Tot Ion:105 Resp: 282209

Ion Ratio Lower Upper

105 100

120 27.2 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

200000

150000

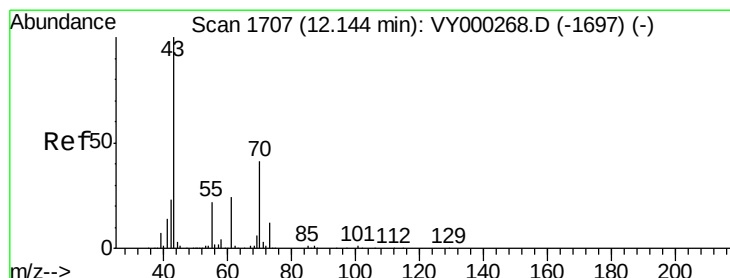
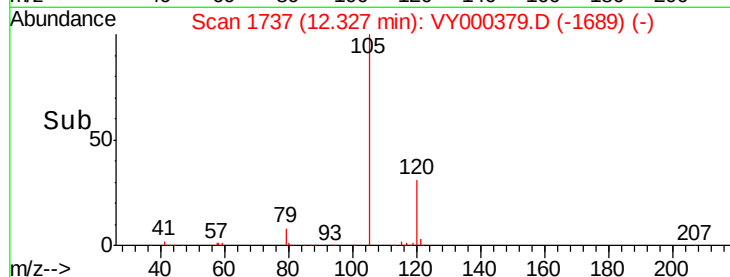
100000

50000

0

Time-->

12.25 12.30 12.35 12.40



#74

N-ethyl acetate

Concen: 23.520 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VY000379.D

Acq: 23 Oct 2019 14:28

Tgt Ion: 43 Resp: 77806

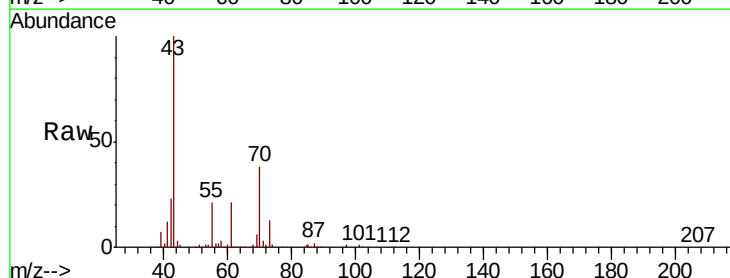
Ion Ratio Lower Upper

43 100

70 41.5 32.9 49.3

55 22.3 17.8 26.6

61 24.8 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

80000

60000

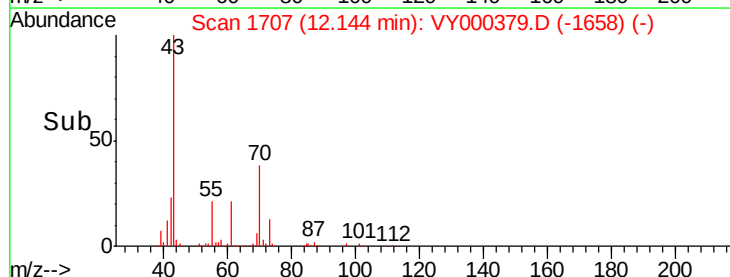
40000

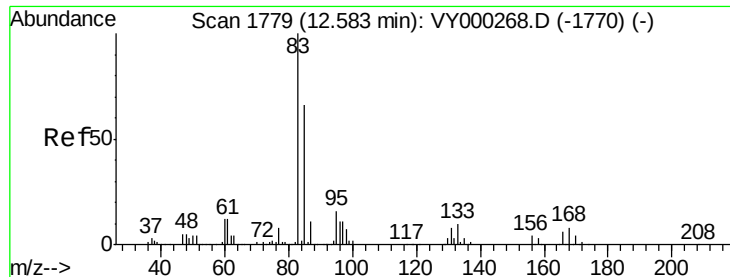
20000

0

Time-->

12.10 12.20





#75

1,1,2,2-Tetrachloroethane

Concen: 20.545 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY000379.D

Acq: 23 Oct 2019 14:28

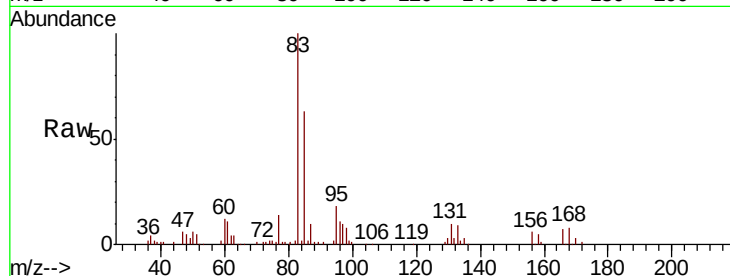
Instrument :

MSVOA_Y

ClientSampleId :

Tot Ion: 83 Resp: 51978

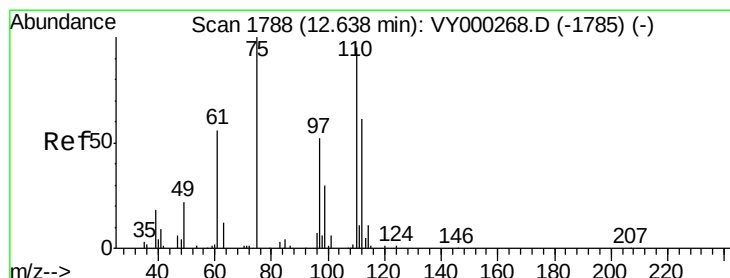
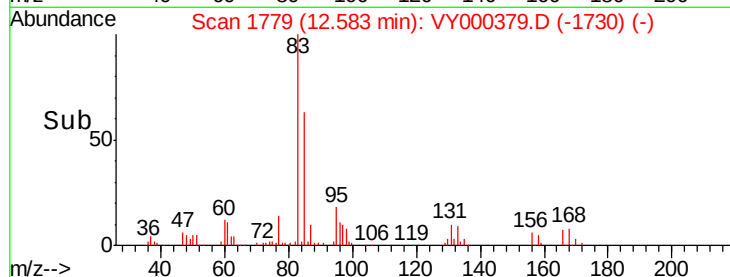
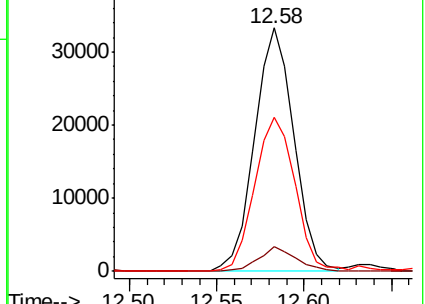
Ion	Ratio	Lower	Upper
83	100		
131	9.9	5.3	16.1
85	64.9	32.9	98.7



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 130.80 (130.50 to 131.50): VY0

Ion 84.90 (84.60 to 85.60): VY0



#76

1,2,3-Trichloropropane

Concen: 36.173 ug/l

RT: 12.64 min Scan# 1788

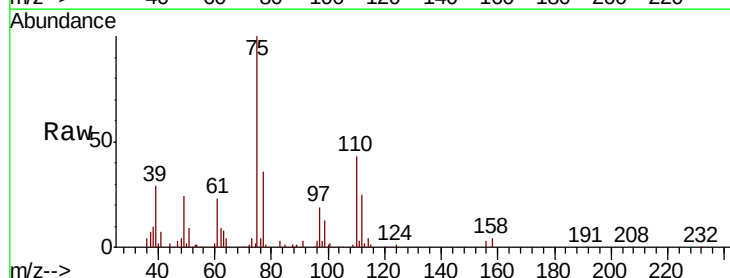
Delta R.T. -0.00 min

Lab File: VY000379.D

Acq: 23 Oct 2019 14:28

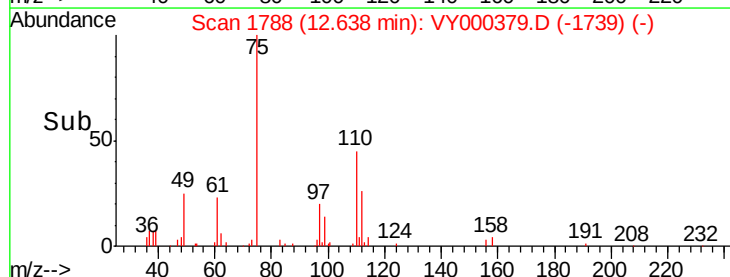
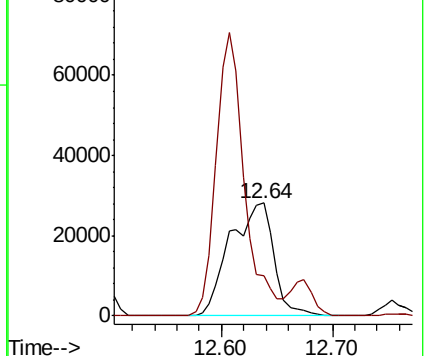
Tgt Ion: 75 Resp: 76869

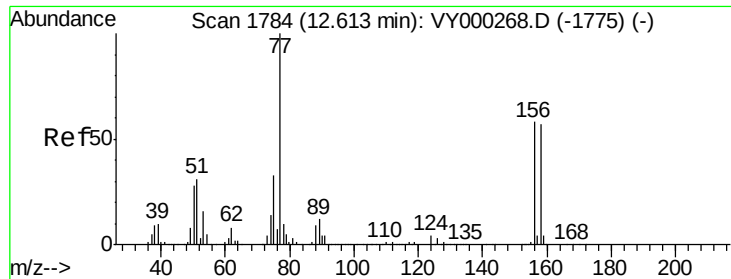
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 21.827 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.01 min

Lab File: VY000379.D

Acq: 23 Oct 2019 14:28

Instrument :

MSVOA_Y

ClientSampleId :

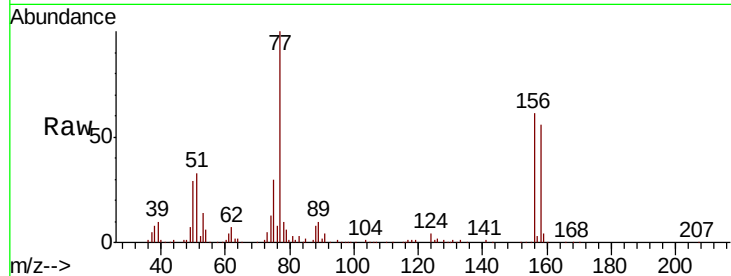
Tot Ion:156 Resp: 65447

Ion Ratio Lower Upper

156 100

77 188.9 101.0 302.9

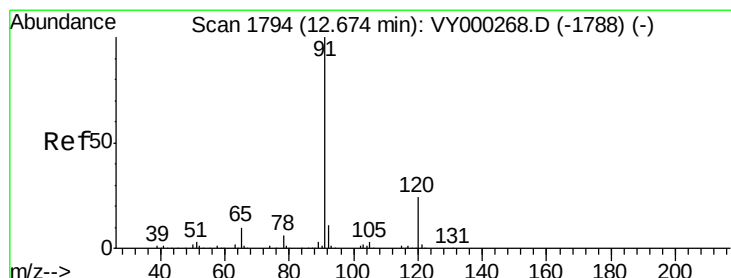
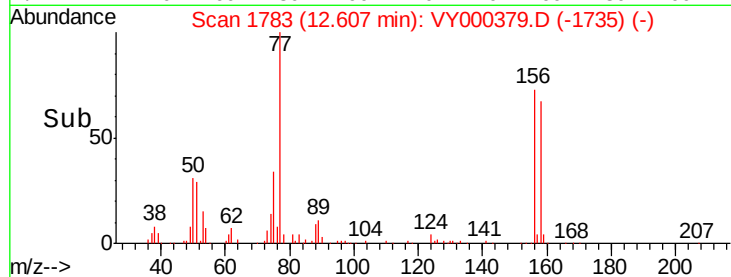
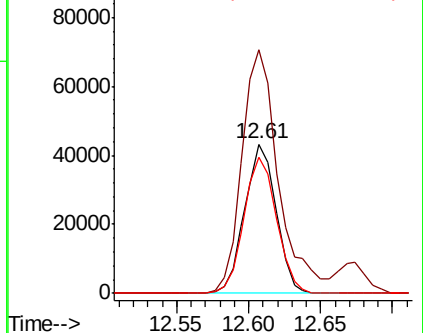
158 94.5 49.7 149.1



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: 21.250 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. -0.01 min

Lab File: VY000379.D

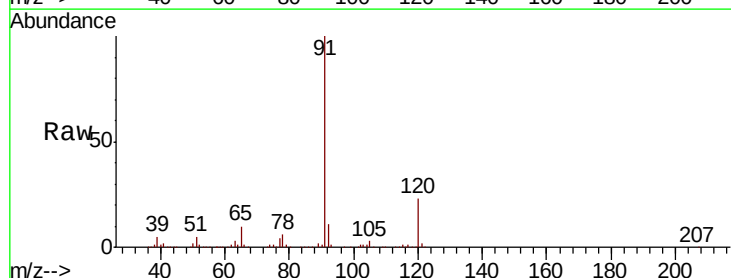
Acq: 23 Oct 2019 14:28

Tgt Ion: 91 Resp: 343799

Ion Ratio Lower Upper

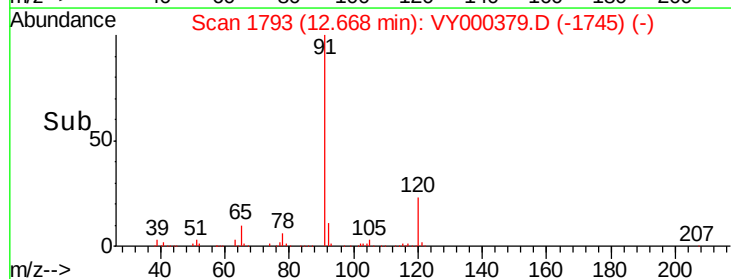
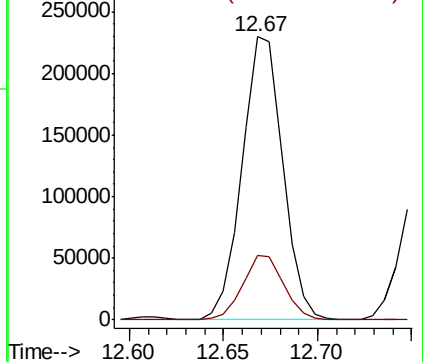
91 100

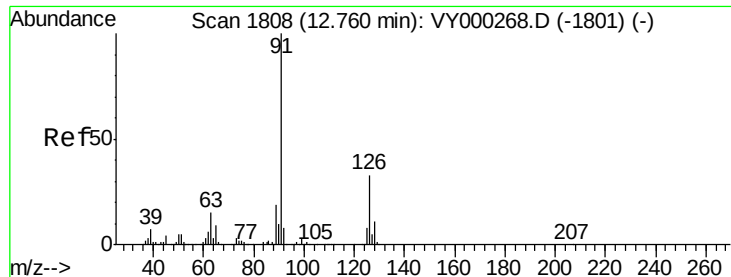
120 22.9 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.221 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. -0.01 min

Lab File: VY000379.D

Acq: 23 Oct 2019 14:28

Instrument :

MSVOA_Y

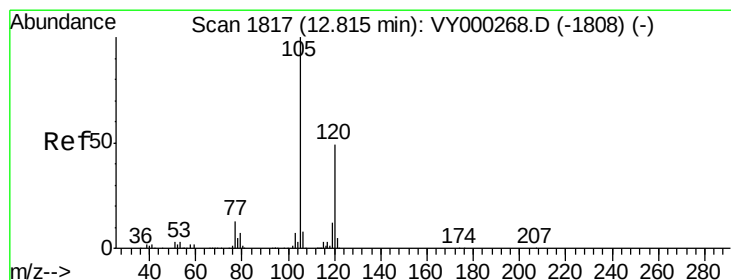
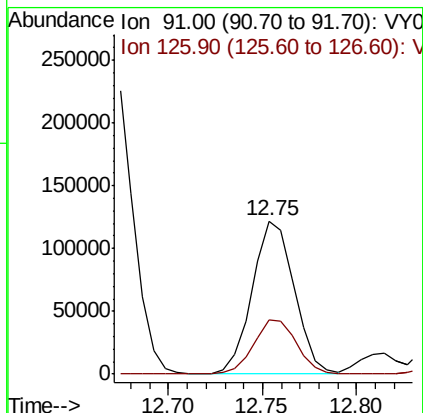
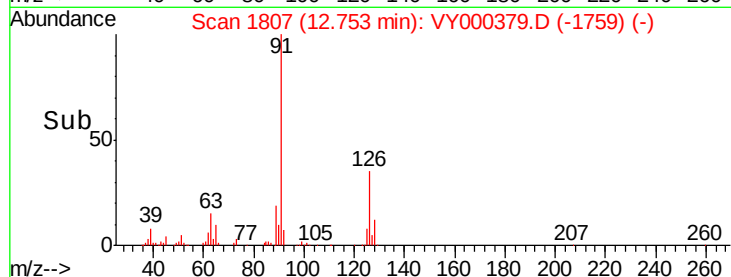
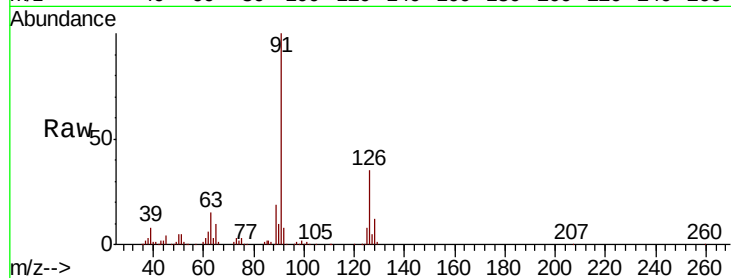
ClientSampled :

Tot Ion: 91 Resp: 189607

Ion Ratio Lower Upper

91 100

126 36.0 17.1 51.3



#80

1,3,5-Trimethylbenzene

Concen: 21.107 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. -0.00 min

Lab File: VY000379.D

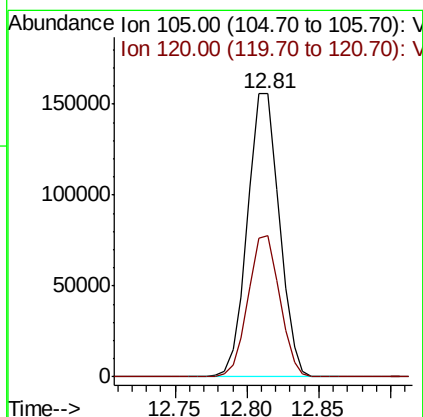
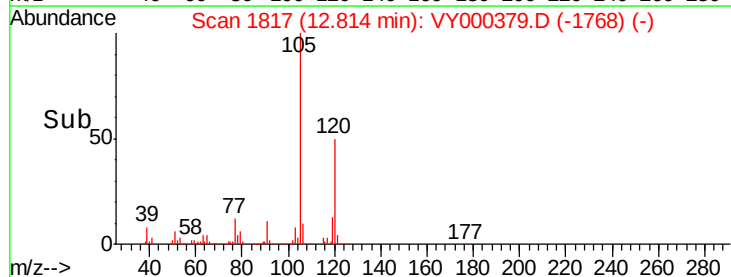
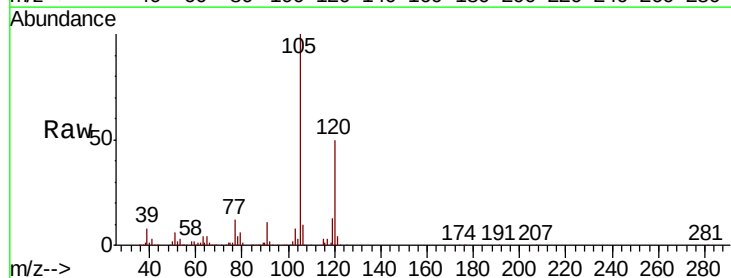
Acq: 23 Oct 2019 14:28

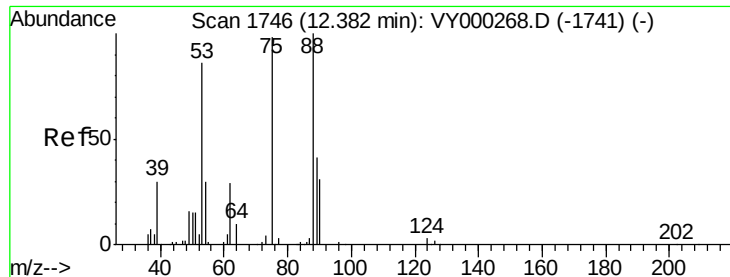
Tgt Ion: 105 Resp: 238483

Ion Ratio Lower Upper

105 100

120 49.6 24.9 74.8





#81

trans-1,4-Dichloro-2-butene

Concen: 20.560 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. -0.00 min

Lab File: VY000379.D

Acq: 23 Oct 2019 14:28

Instrument :

MSVOA_Y

ClientSampleId :

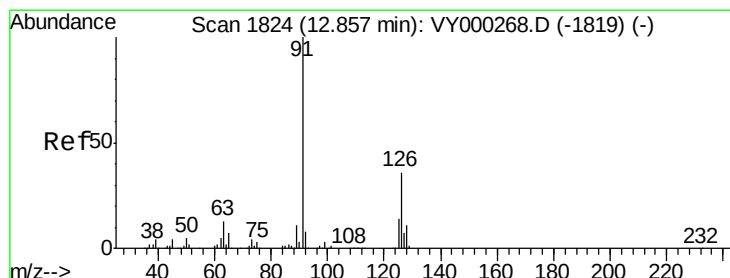
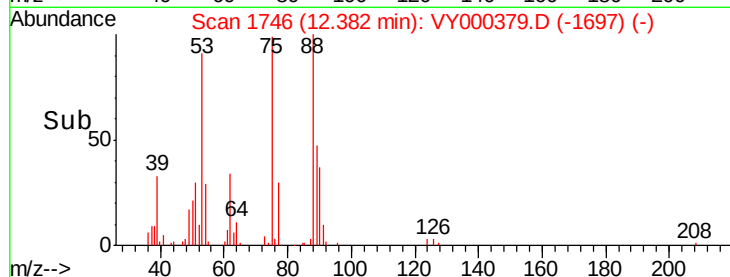
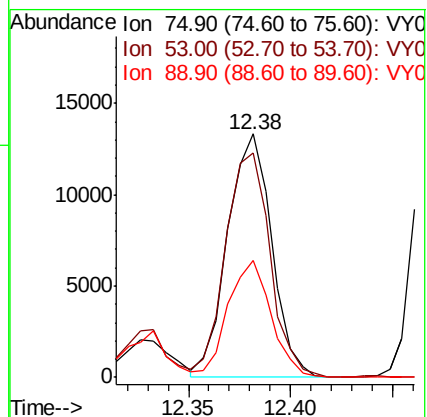
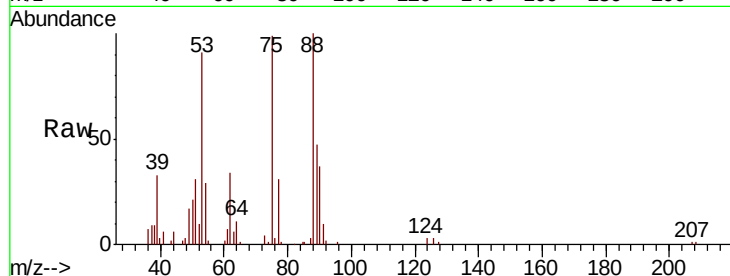
Tot Ion: 75 Resp: 19968

Ion Ratio Lower Upper

75 100

53 93.3 71.3 106.9

89 47.0 35.1 52.7



#82

4-Chlorotoluene

Concen: 20.997 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. -0.01 min

Lab File: VY000379.D

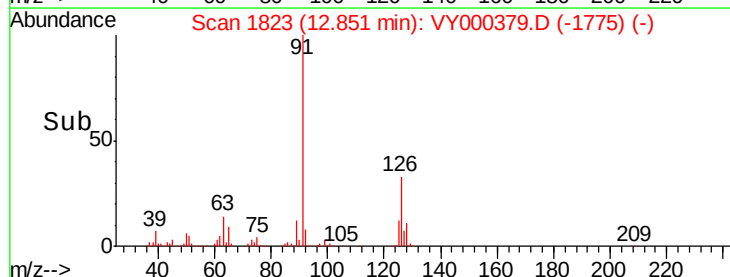
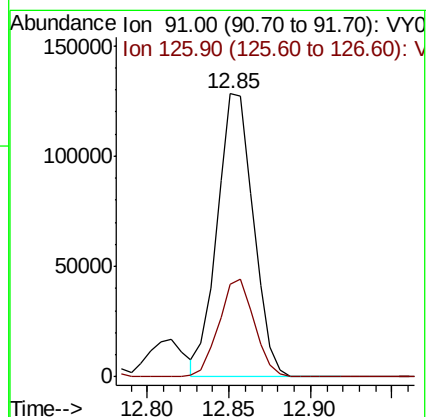
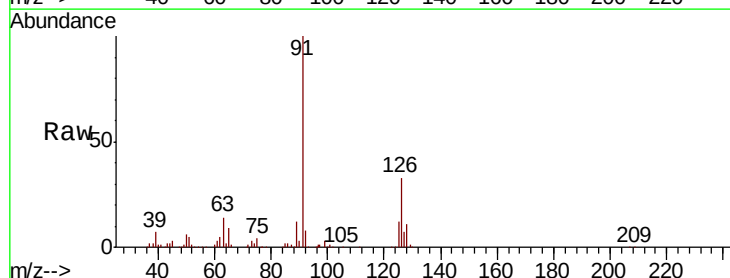
Acq: 23 Oct 2019 14:28

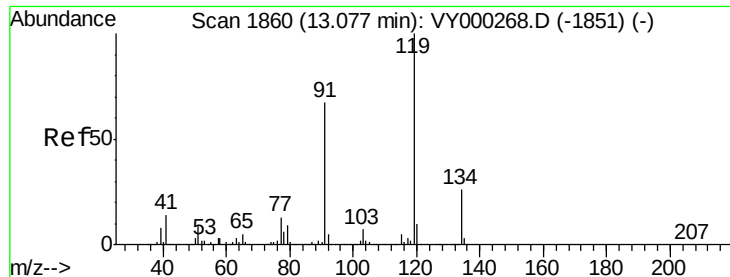
Tgt Ion: 91 Resp: 198307

Ion Ratio Lower Upper

91 100

126 33.9 17.2 51.5

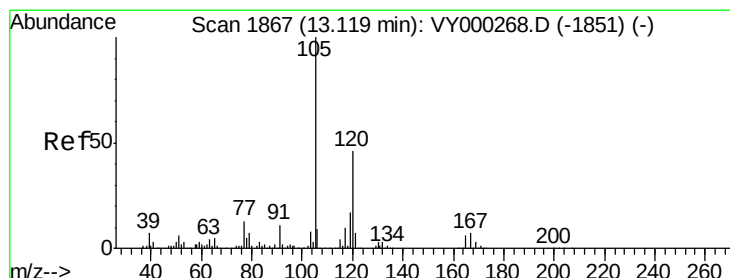
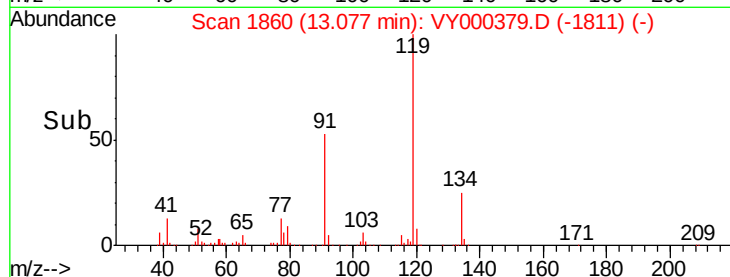
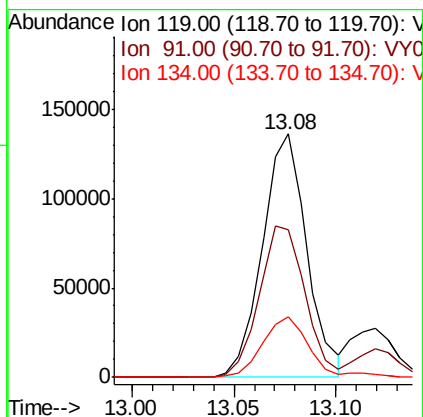
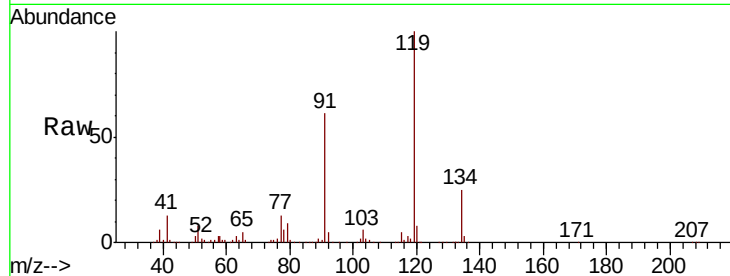




#83
 tert-Butylbenzene
 Concen: 21.623 ug/l
 RT: 13.08 min Scan# 1860
 Delta R.T. -0.00 min
 Lab File: VY000379.D
 Acq: 23 Oct 2019 14:28

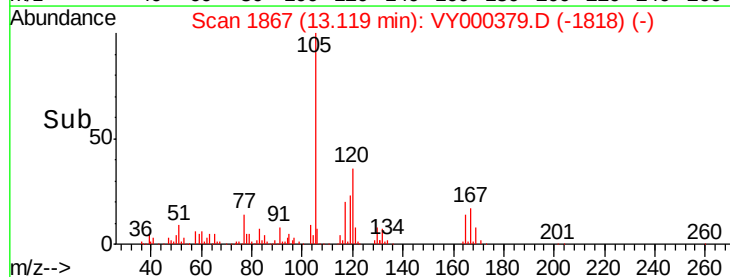
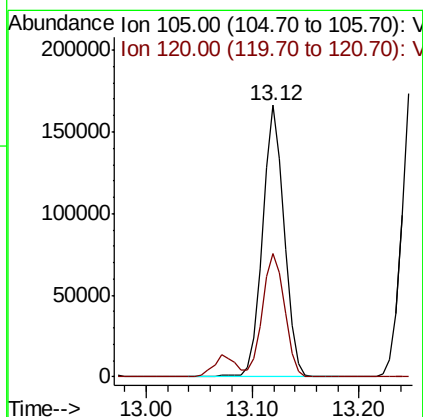
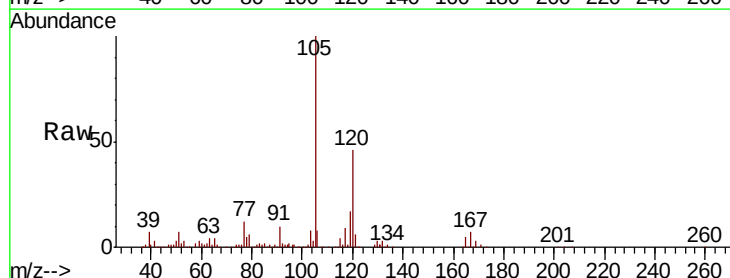
Instrument :
 MSVOA_Y
 ClientSampleId :

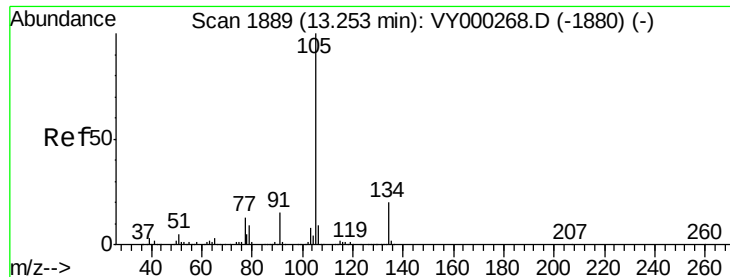
Tot Ion:119 Resp: 206894
 Ion Ratio Lower Upper
 119 100
 91 64.3 32.9 98.7
 134 26.1 13.3 39.8



#84
 1,2,4-Trimethylbenzene
 Concen: 21.309 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VY000379.D
 Acq: 23 Oct 2019 14:28

Tgt Ion:105 Resp: 237627
 Ion Ratio Lower Upper
 105 100
 120 46.3 22.9 68.8





#85

sec-Butylbenzene

Concen: 21.384 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY000379.D

Acq: 23 Oct 2019 14:28

Instrument :

MSVOA_Y

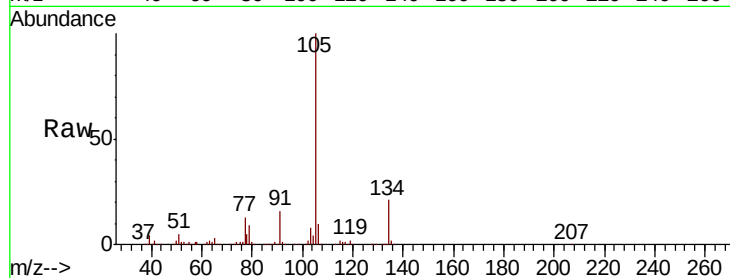
ClientSampled :

Tot Ion:105 Resp: 295991

Ion Ratio Lower Upper

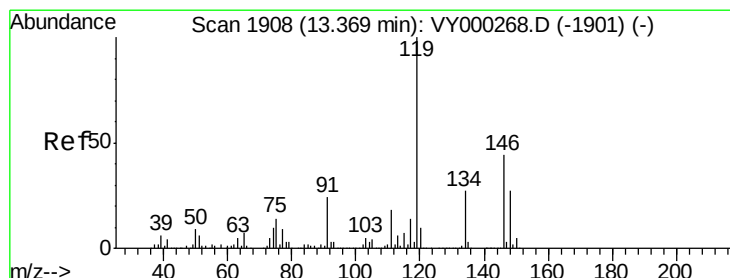
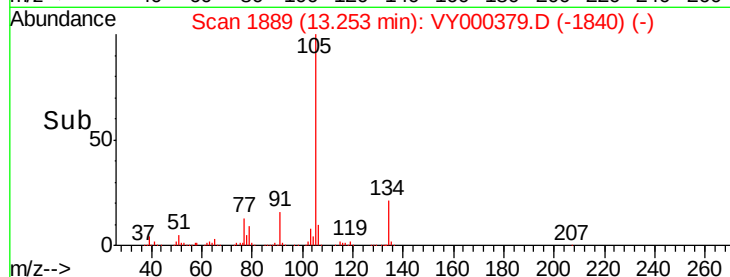
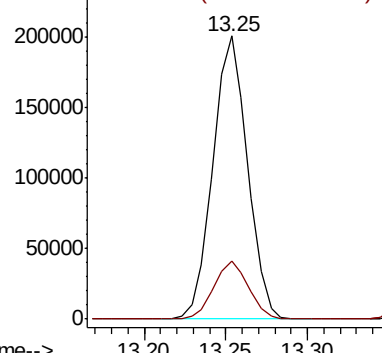
105 100

134 20.5 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: 21.563 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY000379.D

Acq: 23 Oct 2019 14:28

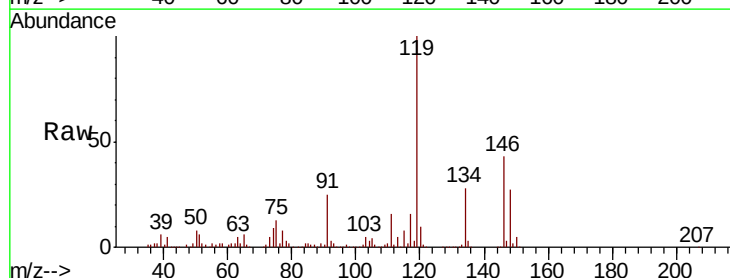
Tgt Ion:119 Resp: 260216

Ion Ratio Lower Upper

119 100

134 27.3 13.6 40.8

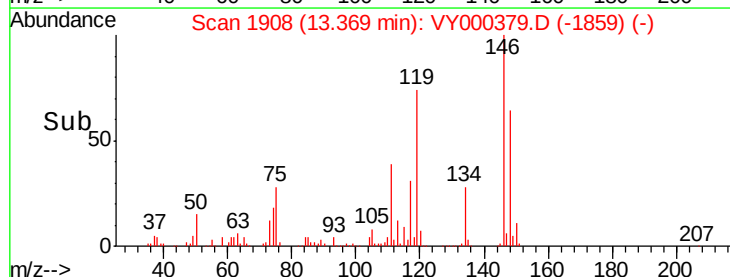
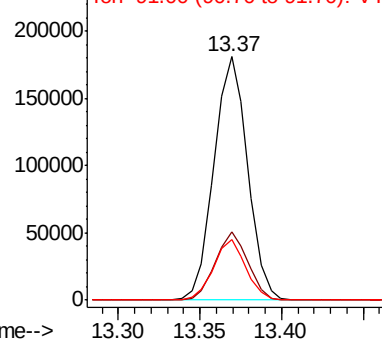
91 23.7 12.0 36.1

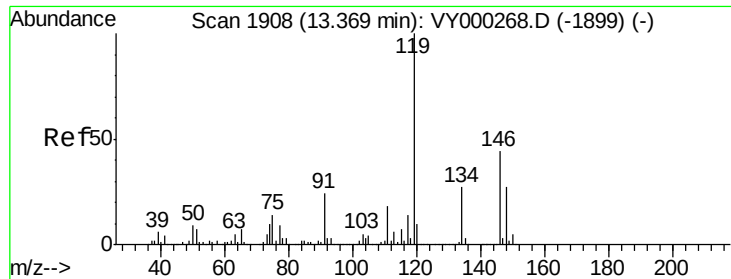


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

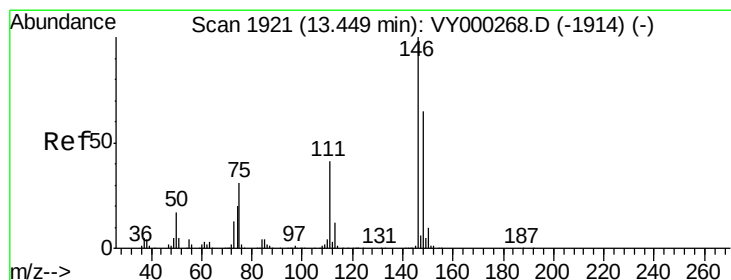
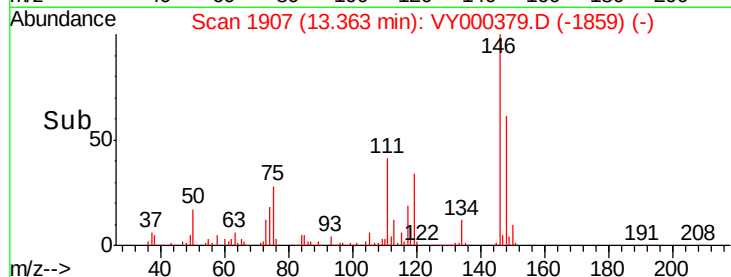
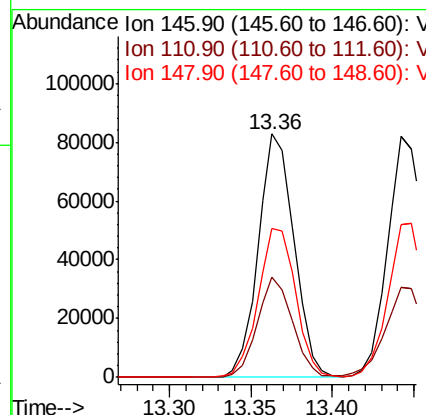
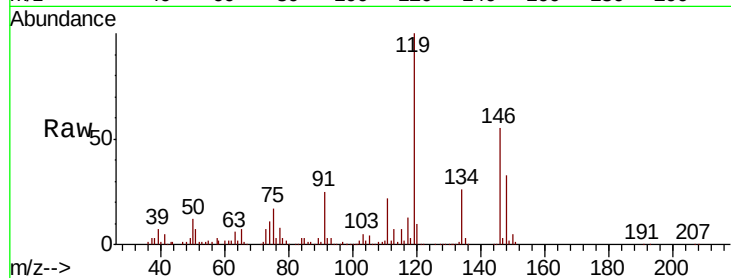




#87
 1,3-Dichlorobenzene
 Concen: 21.385 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.01 min
 Lab File: VY000379.D
 Acq: 23 Oct 2019 14:28

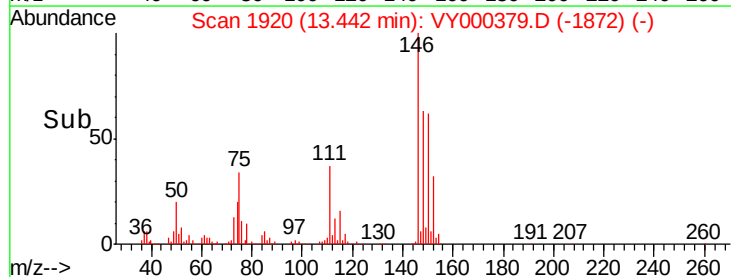
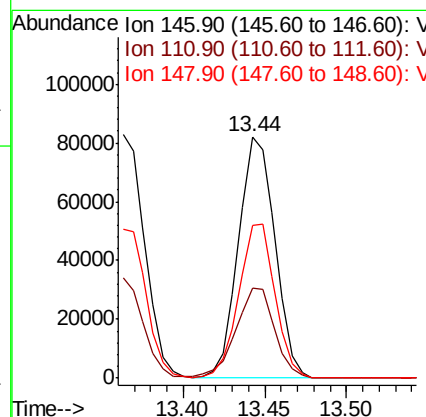
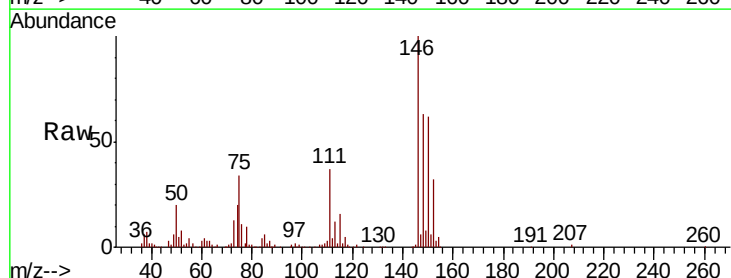
Instrument :
 MSVOA_Y
 ClientSampleId :

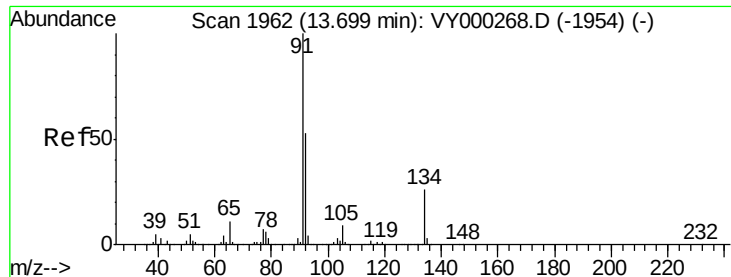
Tot Ion:146 Resp: 126340
 Ion Ratio Lower Upper
 146 100
 111 40.5 20.6 61.8
 148 63.8 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 21.750 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. -0.01 min
 Lab File: VY000379.D
 Acq: 23 Oct 2019 14:28

Tgt Ion:146 Resp: 128433
 Ion Ratio Lower Upper
 146 100
 111 39.6 20.1 60.2
 148 63.4 32.4 97.2





#89

n-Butylbenzene

Concen: 21.283 ug/l

RT: 13.70 min Scan# 1962

Delta R.T. -0.00 min

Lab File: VY000379.D

Acq: 23 Oct 2019 14:28

Instrument :

MSVOA_Y

ClientSampleId :

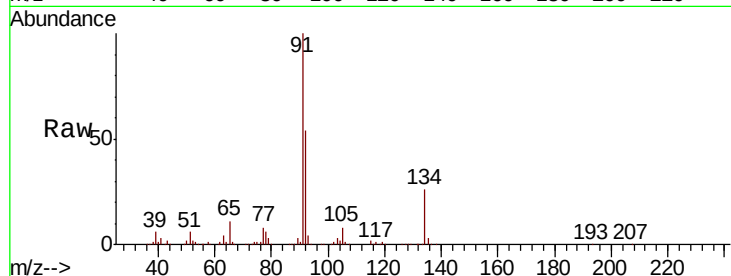
Tot Ion: 91 Resp: 253811

Ion Ratio Lower Upper

91 100

92 53.6 26.7 80.1

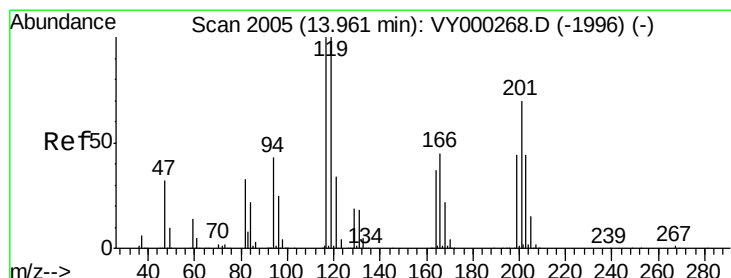
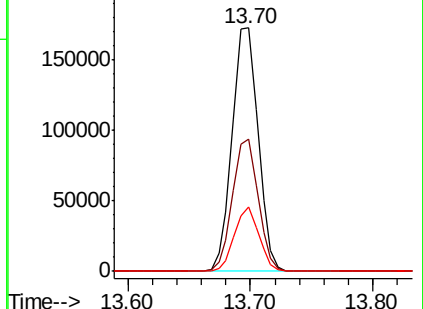
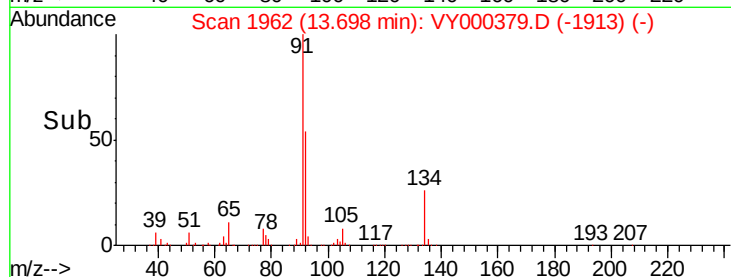
134 24.8 13.0 38.9



Abundance Ion 91.00 (90.70 to 91.70): VY000379.D (-1913) (-)

Ion 92.00 (91.70 to 92.70): VY000379.D (-1913) (-)

Ion 134.00 (133.70 to 134.70): VY000379.D (-1913) (-)



#90

Hexachloroethane

Concen: 21.389 ug/l

RT: 13.96 min Scan# 2005

Delta R.T. -0.00 min

Lab File: VY000379.D

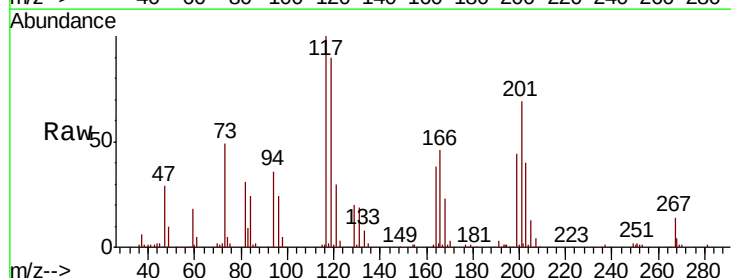
Acq: 23 Oct 2019 14:28

Tgt Ion: 117 Resp: 47795

Ion Ratio Lower Upper

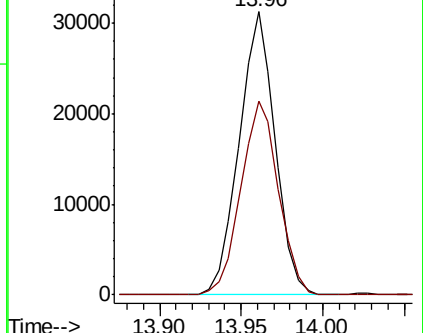
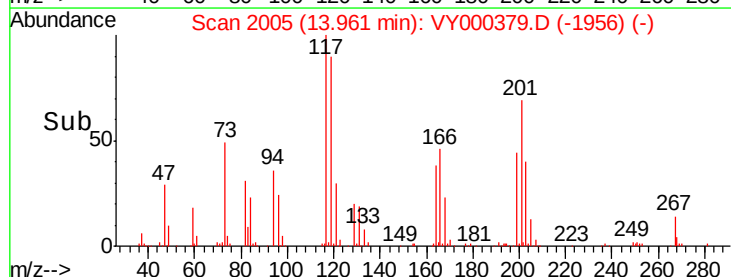
117 100

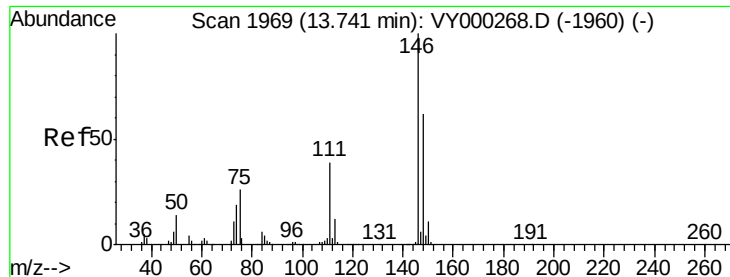
201 71.7 36.3 108.7



Abundance Ion 116.80 (116.50 to 117.50): VY000379.D (-1956) (-)

Ion 200.70 (200.40 to 201.40): VY000379.D (-1956) (-)





#91

1,2-Dichlorobenzene

Concen: 21.907 ug/l

RT: 13.74 min Scan# 1969

Delta R.T. -0.00 min

Lab File: VY000379.D

Acq: 23 Oct 2019 14:28

Instrument :

MSVOA_Y

ClientSampleId :

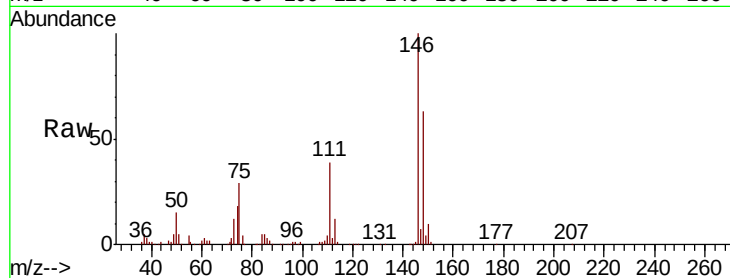
Tot Ion:146 Resp: 117126

Ion Ratio Lower Upper

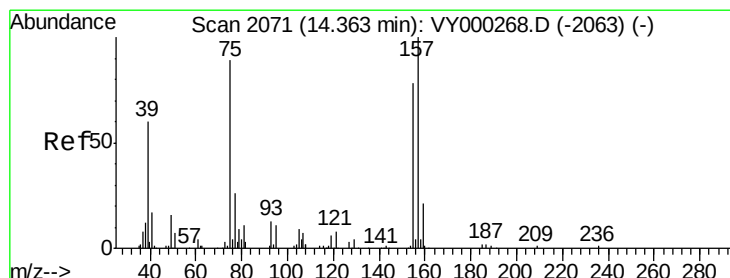
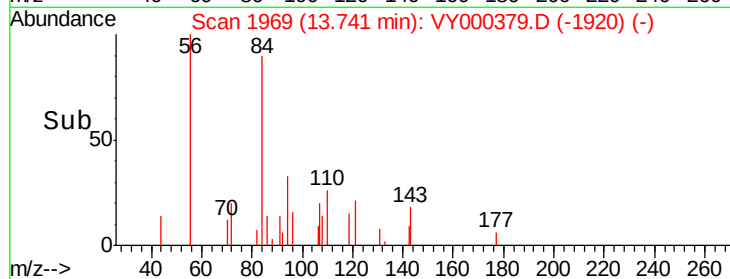
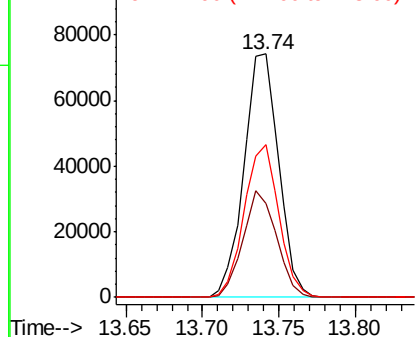
146 100

111 42.1 20.5 61.5

148 62.3 31.6 95.0



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.328 ug/l

RT: 14.36 min Scan# 2070

Delta R.T. -0.01 min

Lab File: VY000379.D

Acq: 23 Oct 2019 14:28

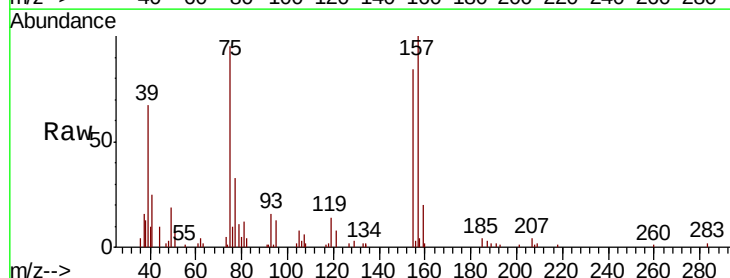
Tgt Ion: 75 Resp: 9274

Ion Ratio Lower Upper

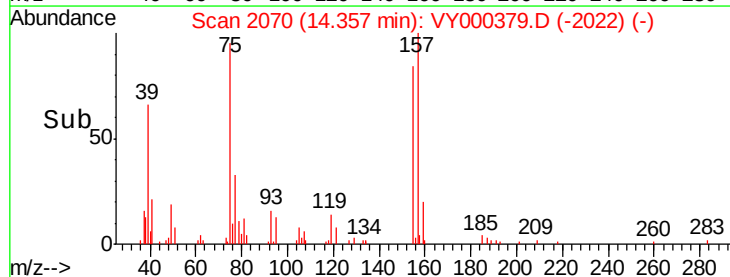
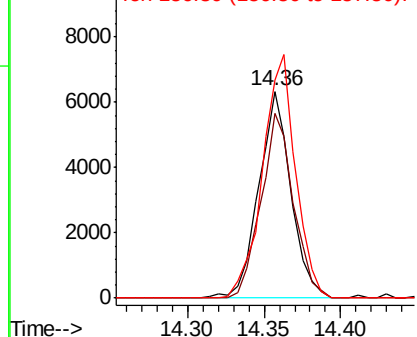
75 100

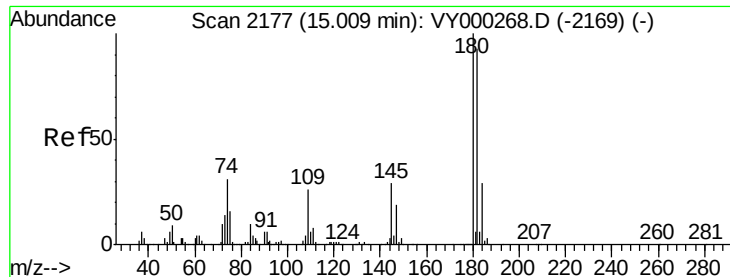
155 90.5 45.8 137.3

157 121.0 55.6 166.9



Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V

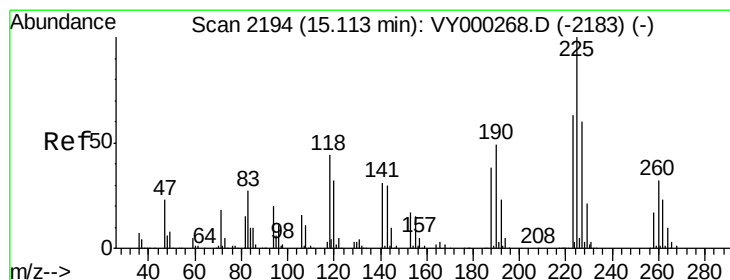
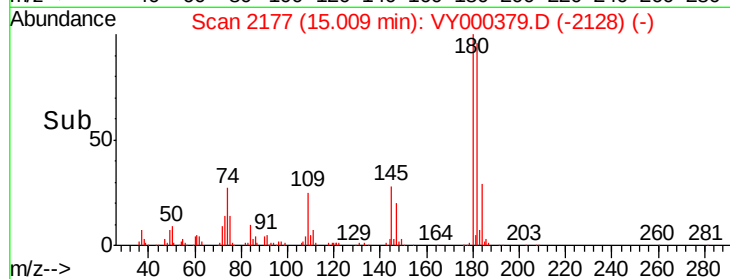
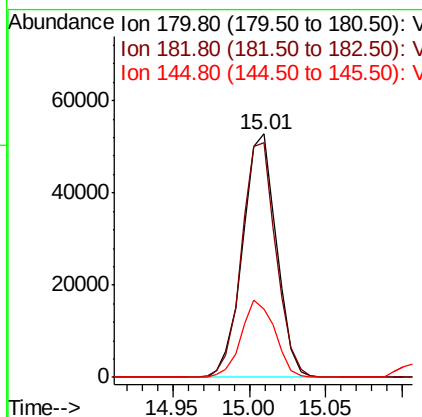
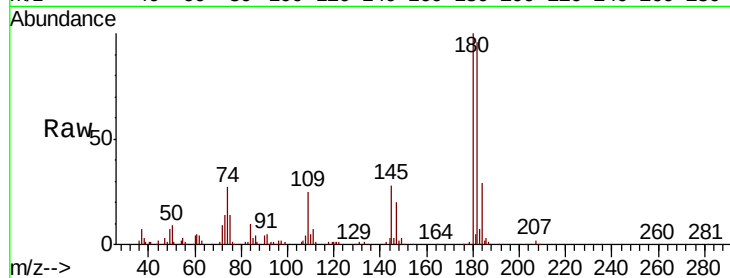




#93
 1,2,4-Trichlorobenzene
 Concen: 21.761 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. -0.00 min
 Lab File: VY000379.D
 Acq: 23 Oct 2019 14:28

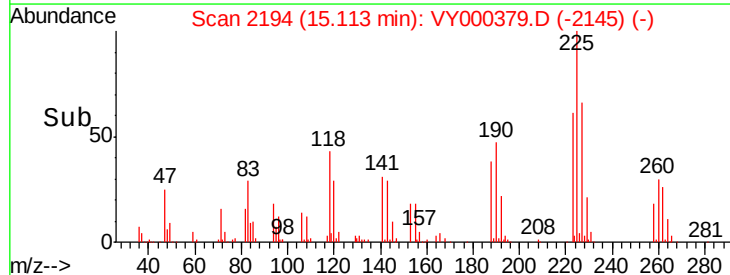
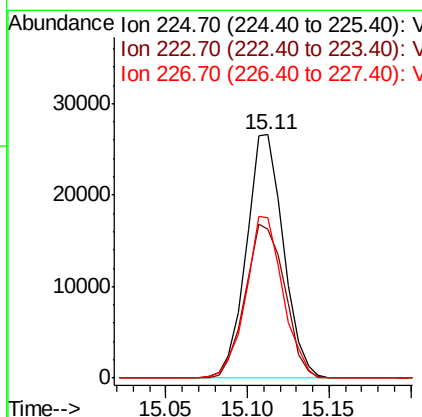
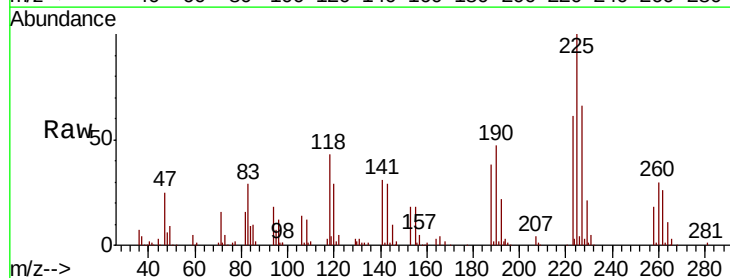
Instrument :
 MSVOA_Y
 ClientSampleId :

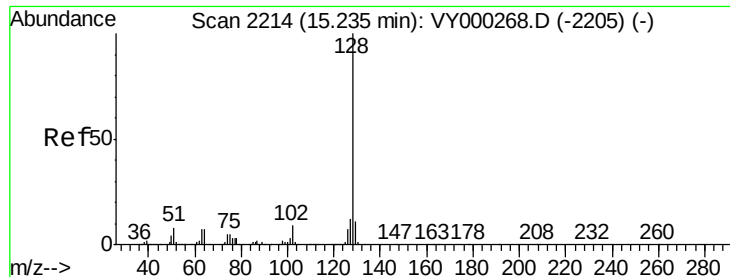
Tot Ion	Ratio	Lower	Upper
180	100		
182	97.8	47.5	142.6
145	31.6	15.4	46.1



#94
 Hexachlorobutadiene
 Concen: 20.889 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. -0.00 min
 Lab File: VY000379.D
 Acq: 23 Oct 2019 14:28

Tgt Ion	Ratio	Lower	Upper
225	100		
223	67.0	31.9	95.7
227	66.2	31.4	94.2

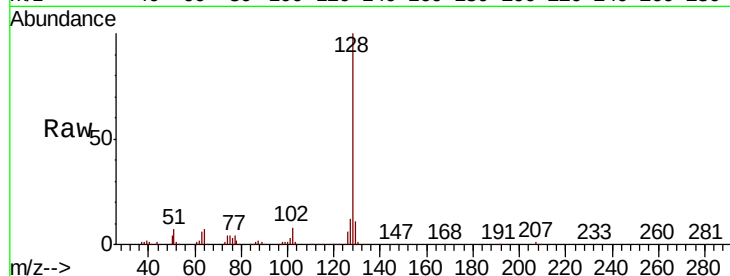




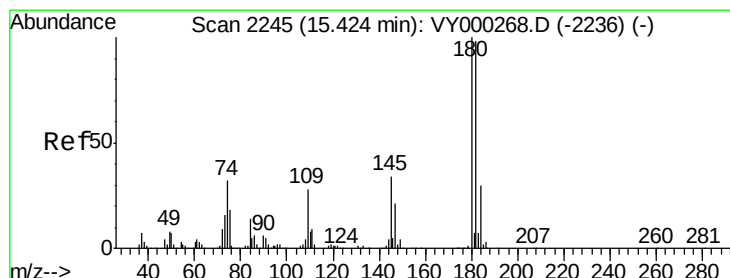
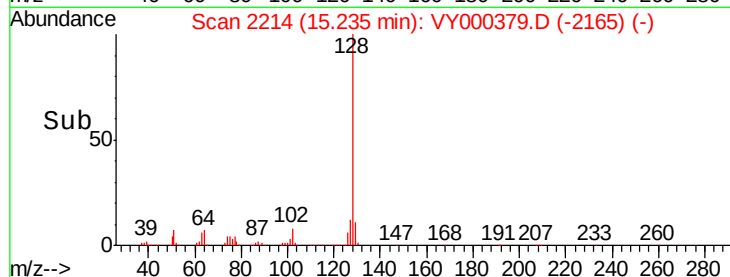
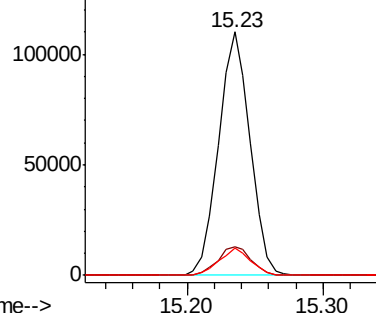
#95
Naphthalene
Concen: 21.474 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VY000379.D
Acq: 23 Oct 2019 14:28

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:128 Resp: 178387
Ion Ratio Lower Upper
128 100
127 12.3 9.6 14.4
129 11.1 8.7 13.1

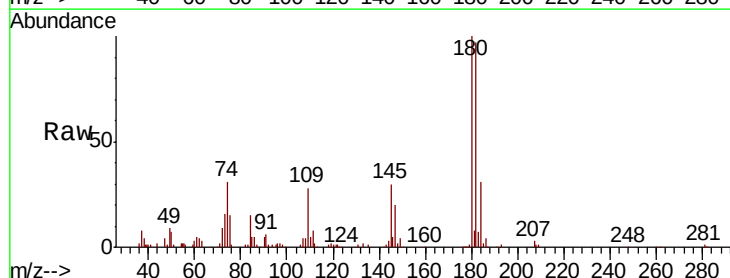


Abundance Ion 128.00 (127.70 to 128.70): V
150000 Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 22.231 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. -0.00 min
Lab File: VY000379.D
Acq: 23 Oct 2019 14:28

Tgt Ion:180 Resp: 74580
Ion Ratio Lower Upper
180 100
182 92.9 46.5 139.5
145 30.7 16.2 48.5



Abundance Ion 179.80 (179.50 to 180.50): V
50000 Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

