

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY092619\
 Data File : VY000146.D
 Acq On : 26 Sep 2019 11:57
 Operator : SY/MD
 Sample : VSTDICC100
 Misc : 5.00g/5.00ml/MSVOA Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 26 14:04:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y092619S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 26 14:00:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.79	168	196497	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	324782	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	287938	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	138055	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.14	65	171824	99.85	ug/l	0.00
Spiked Amount			Recovery	=	199.70%	
35) Dibromofluoromethane	7.72	113	165711	97.43	ug/l	0.00
Spiked Amount			Recovery	=	194.86%	
50) Toluene-d8	10.18	98	720858	100.15	ug/l	0.00
Spiked Amount			Recovery	=	200.30%	
62) 4-Bromofluorobenzene	12.48	95	241084	91.90	ug/l	0.00
Spiked Amount			Recovery	=	183.80%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.90	85	129627	82.988	ug/l	97
3) Chloromethane	2.11	50	193876	85.060	ug/l	99
4) Vinyl Chloride	2.24	62	227532	92.915	ug/l	99
5) Bromomethane	2.62	94	144216	87.338	ug/l	100
6) Chloroethane	2.77	64	143678	94.512	ug/l	97
7) Trichlorofluoromethane	3.11	101	276606	93.710	ug/l	98
8) Diethyl Ether	3.52	74	112360	95.478	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.90	101	180934	93.907	ug/l	98
10) Methyl Iodide	4.08	142	312333	105.136	ug/l	100
11) Tert butyl alcohol	4.98	59	81769	475.616	ug/l	97
12) 1,1-Dichloroethene	3.86	96	192897	95.468	ug/l	96
13) Acrolein	3.73	56	108485	508.110	ug/l	98
14) Allyl chloride	4.47	41	242477	95.899	ug/l	98
15) Acrylonitrile	5.17	53	266763	498.437	ug/l	99
16) Acetone	3.95	43	199853	473.976	ug/l	100
17) Carbon Disulfide	4.18	76	580482	92.617	ug/l	98
18) Methyl Acetate	4.47	43	122834	98.431	ug/l	95
19) Methyl tert-butyl Ether	5.22	73	477790	99.884	ug/l	96
20) Methylene Chloride	4.71	84	205822	84.520	ug/l	97
21) trans-1,2-Dichloroethene	5.21	96	212989	94.610	ug/l	96
22) Diisopropyl ether	6.12	45	517910	97.467	ug/l	97
23) Vinyl Acetate	6.06	43	1728138	518.940	ug/l	97
24) 1,1-Dichloroethane	6.02	63	305416	94.947	ug/l	99
25) 2-Butanone	6.99	43	338716	512.703	ug/l	96
26) 2,2-Dichloropropane	6.99	77	271384	92.785	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	239577	95.757	ug/l	99
28) Bromochloromethane	7.33	49	127887	104.353	ug/l	98
29) Tetrahydrofuran	7.35	42	209432	514.236	ug/l	98
30) Chloroform	7.51	83	315866	93.823	ug/l	99
31) Cyclohexane	7.78	56	299071	89.931	ug/l	96
32) 1,1,1-Trichloroethane	7.71	97	286151	96.934	ug/l	100
36) 1,1-Dichloropropene	7.92	75	254620	94.338	ug/l	99
37) Ethyl Acetate	7.08	43	139752	98.019	ug/l	99
38) Carbon Tetrachloride	7.90	117	255560	96.991	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.18	83	363292	94.900	ug/l	96
40) Benzene	8.16	78	814594	95.544	ug/l	99
41) Methacrylonitrile	7.35	41	188765	244.177	ug/l #	100
42) 1,2-Dichloroethane	8.24	62	206111	99.358	ug/l	97
43) Isopropyl Acetate	8.28	43	270403	102.669	ug/l	99
44) Trichloroethene	8.94	130	262580	96.376	ug/l	99
45) 1,2-Dichloropropane	9.22	63	184351	98.018	ug/l	98
46) Dibromomethane	9.31	93	112657	98.149	ug/l	99
47) Bromodichloromethane	9.50	83	255410	98.719	ug/l	100
48) Methyl methacrylate	9.30	41	118039	100.088	ug/l	96
49) 1,4-Dioxane	9.30	88	36041	2032.388	ug/l	95
51) 4-Methyl-2-Pentanone	10.07	43	716728	524.302	ug/l	99
52) Toluene	10.24	92	528480	95.713	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	270489	99.528	ug/l	94
54) cis-1,3-Dichloropropene	9.93	75	317276	98.510	ug/l	99
55) 1,1,2-Trichloroethane	10.64	97	166296	97.437	ug/l	97
56) Ethyl methacrylate	10.51	69	226798	102.158	ug/l	99
57) 1,3-Dichloropropane	10.79	76	268258	97.811	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	554217	531.498	ug/l	99
59) 2-Hexanone	10.83	43	520741	535.974	ug/l	100
60) Dibromochloromethane	10.99	129	196401	101.798	ug/l	98
61) 1,2-Dibromoethane	11.09	107	160983	98.845	ug/l	99
64) Tetrachloroethene	10.72	164	278745	97.725	ug/l	96
65) Chlorobenzene	11.52	112	569822	95.096	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	197797	97.688	ug/l	99
67) Ethyl Benzene	11.59	91	980589	95.735	ug/l	100
68) m/p-Xylenes	11.70	106	785674	189.743	ug/l	98
69) o-Xylene	12.03	106	374409	94.808	ug/l	99
70) Styrene	12.04	104	649936	97.247	ug/l	99
71) Bromoform	12.20	173	125008	105.063	ug/l #	97
73) Isopropylbenzene	12.33	105	961846	96.565	ug/l	100
74) N-amyl acetate	12.14	43	251101	104.147	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	142401	91.846	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	250789	184.428	ug/l #	100
77) Bromobenzene	12.60	156	241826	98.276	ug/l	99
78) n-propylbenzene	12.67	91	1136288	95.697	ug/l	99
79) 2-Chlorotoluene	12.75	91	620860	96.099	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	795306	95.984	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	72072	103.372	ug/l	99
82) 4-Chlorotoluene	12.85	91	654751	97.268	ug/l	99
83) tert-Butylbenzene	13.07	119	693358	97.173	ug/l	99
84) 1,2,4-Trimethylbenzene	13.11	105	804325	96.056	ug/l	99
85) sec-Butylbenzene	13.25	105	981242	95.784	ug/l	100
86) p-Isopropyltoluene	13.36	119	880335	96.498	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	448536	95.133	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	453736	96.679	ug/l	99
89) n-Butylbenzene	13.69	91	838604	96.727	ug/l	99
90) Hexachloroethane	13.95	117	167860	97.395	ug/l	99
91) 1,2-Dichlorobenzene	13.73	146	419918	97.479	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.35	75	31148	101.818	ug/l	98

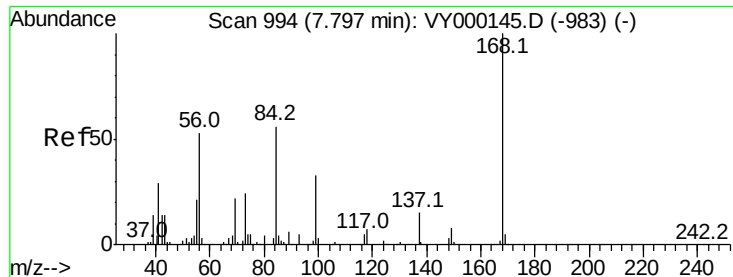
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	293328	98.143	ug/l	99
94) Hexachlorobutadiene	15.11	225	143416	98.346	ug/l	99
95) Naphthalene	15.23	128	665768	99.482	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	264873	98.814	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.01 min

Lab File: VY000146.D

Acq: 26 Sep 2019 11:57

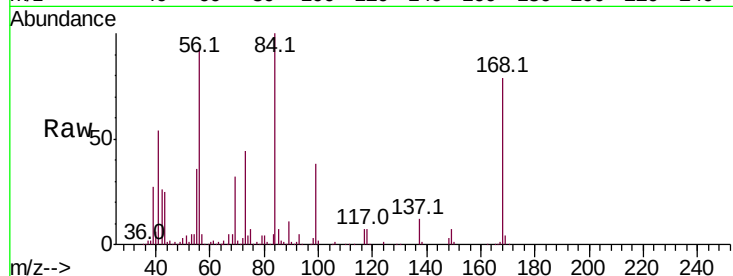
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:168 Resp: 196497

Ion Ratio Lower Upper

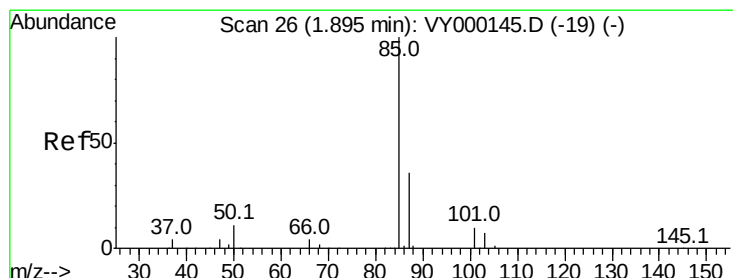
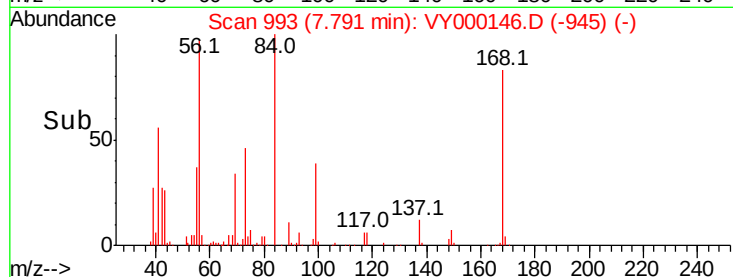
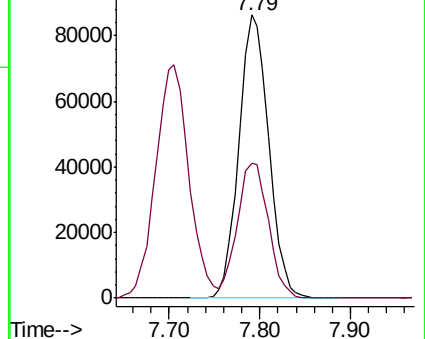
168 100

99 47.8 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): VY000145.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY000145.D (-983) (-)



#2

Dichlorodifluoromethane

Concen: 82.988 ug/l

RT: 1.90 min Scan# 26

Delta R.T. 0.00 min

Lab File: VY000146.D

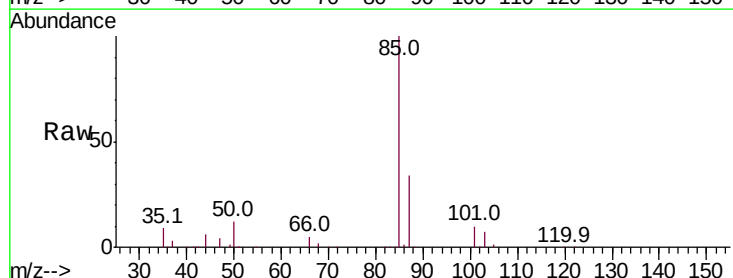
Acq: 26 Sep 2019 11:57

Tgt Ion: 85 Resp: 129627

Ion Ratio Lower Upper

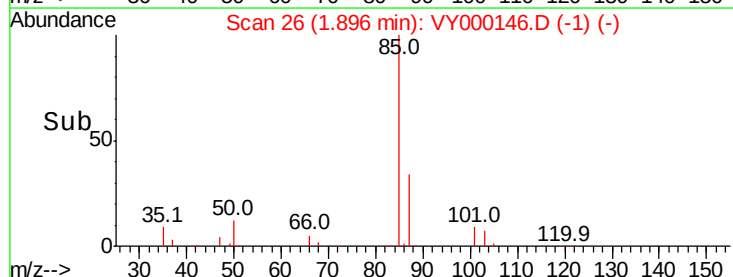
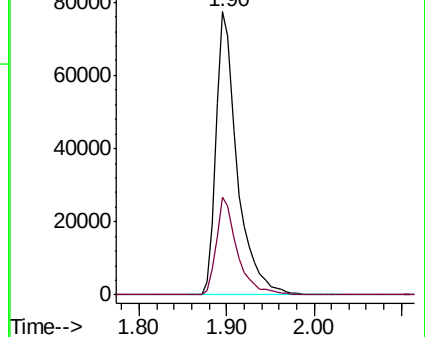
85 100

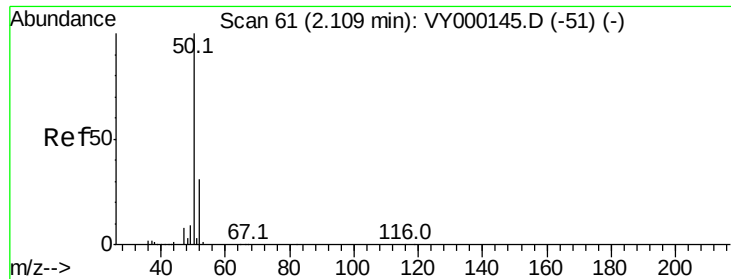
87 34.3 17.9 53.8



Abundance Ion 84.90 (84.60 to 85.60): VY000145.D (-19) (-)

Ion 86.90 (86.60 to 87.60): VY000145.D (-19) (-)





#3

Chloromethane

Concen: 85.060 ug/l

RT: 2.11 min Scan# 61

Delta R.T. 0.00 min

Lab File: VY000146.D

Acq: 26 Sep 2019 11:57

Instrument :

MSVOA_Y

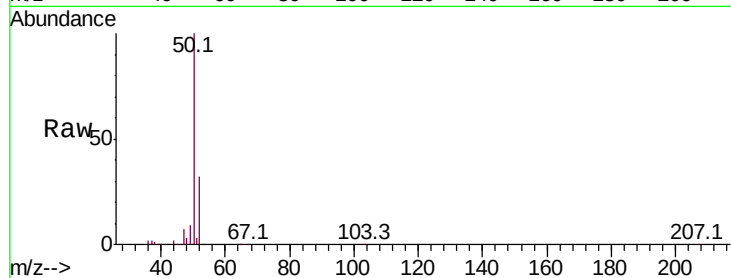
ClientSampleId :

Tot Ion: 50 Resp: 193876

Ion Ratio Lower Upper

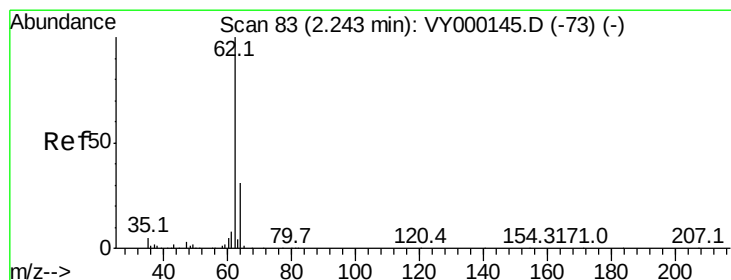
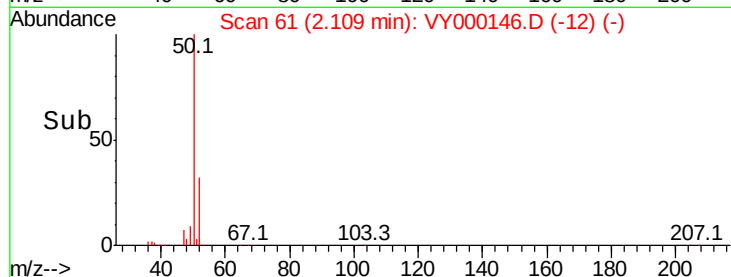
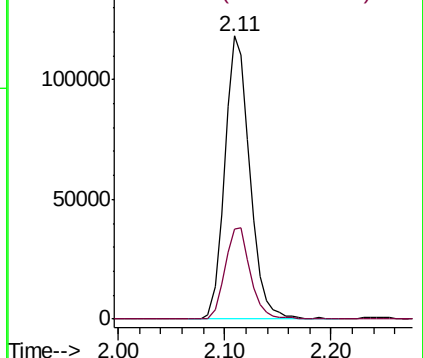
50 100

52 31.9 25.0 37.6



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 92.915 ug/l

RT: 2.24 min Scan# 83

Delta R.T. 0.00 min

Lab File: VY000146.D

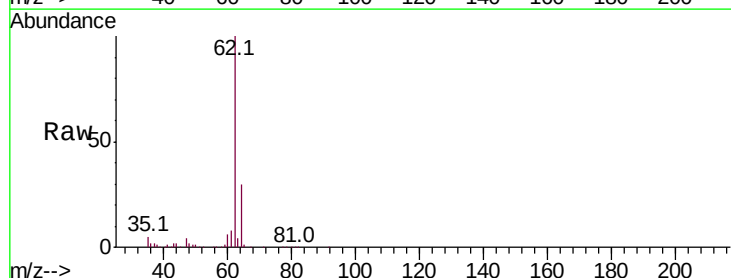
Acq: 26 Sep 2019 11:57

Tgt Ion: 62 Resp: 227532

Ion Ratio Lower Upper

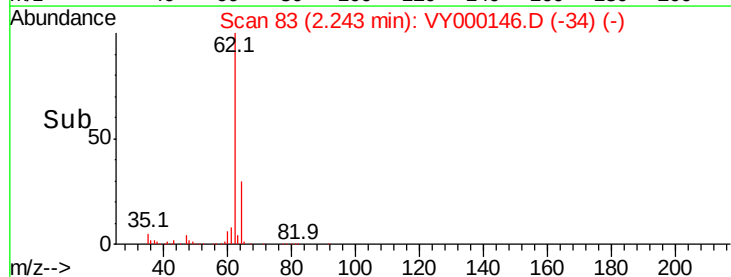
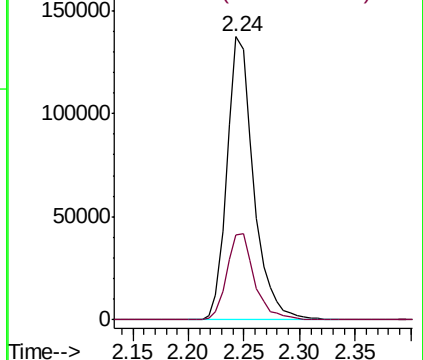
62 100

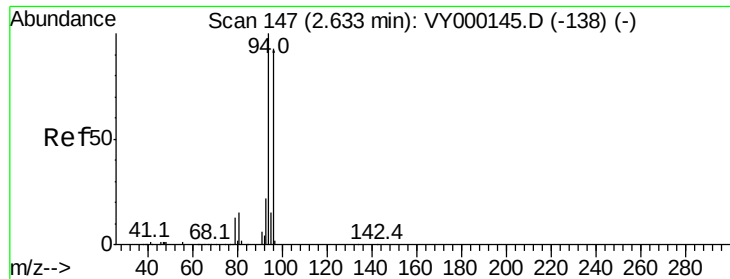
64 29.8 24.5 36.7



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 87.338 ug/l

RT: 2.62 min Scan# 145

Delta R.T. -0.01 min

Lab File: VY000146.D

Acq: 26 Sep 2019 11:57

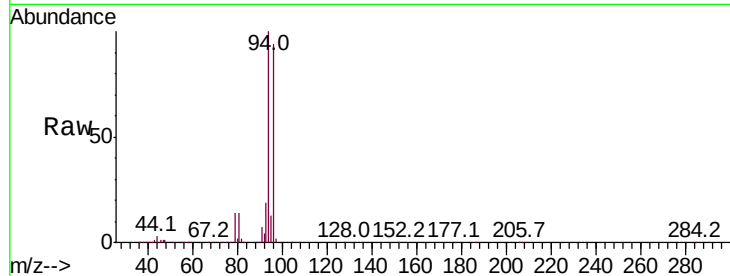
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 94 Resp: 144216

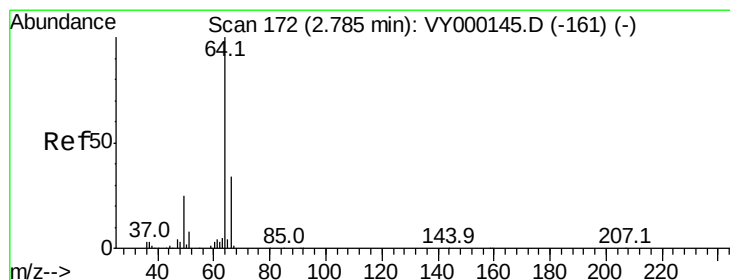
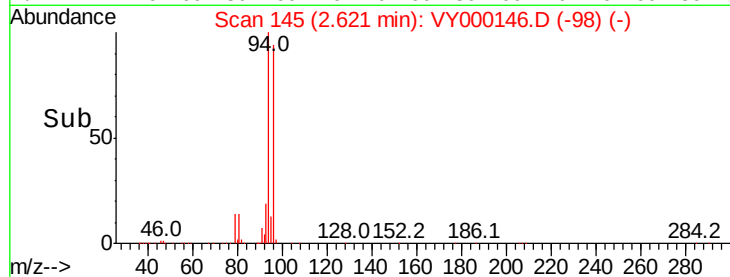
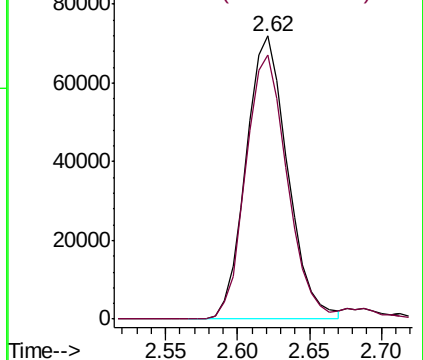
Ion Ratio Lower Upper

94 100

96 93.5 74.6 111.8



Abundance Ion 93.90 (93.60 to 94.60): VY0
Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 94.512 ug/l

RT: 2.77 min Scan# 170

Delta R.T. -0.01 min

Lab File: VY000146.D

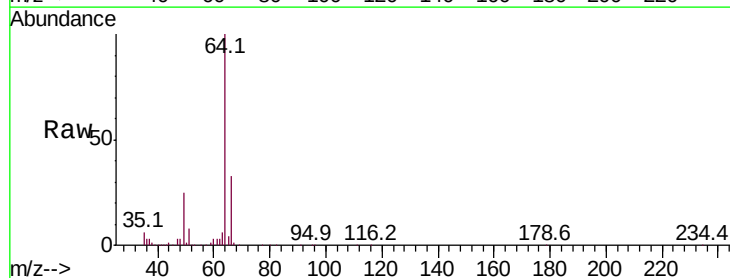
Acq: 26 Sep 2019 11:57

Tgt Ion: 64 Resp: 143678

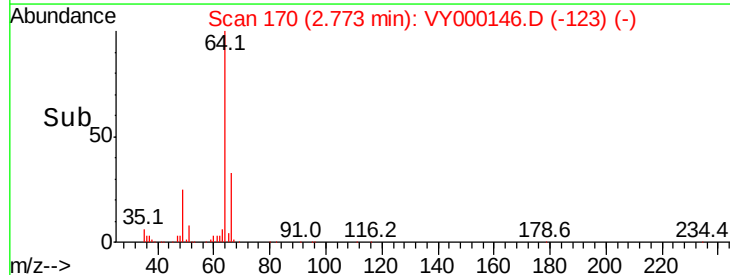
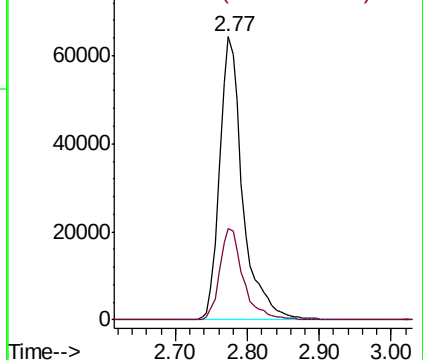
Ion Ratio Lower Upper

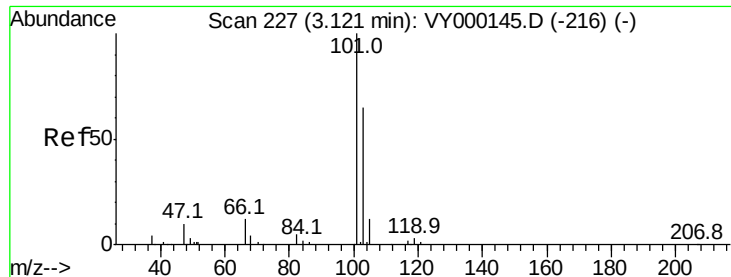
64 100

66 32.5 27.4 41.0



Abundance Ion 63.90 (63.60 to 64.60): VY0
Ion 65.90 (65.60 to 66.60): VY0



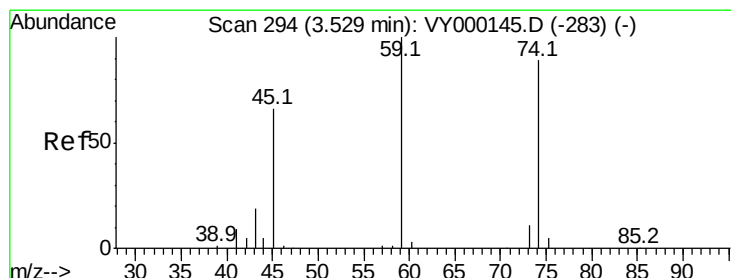
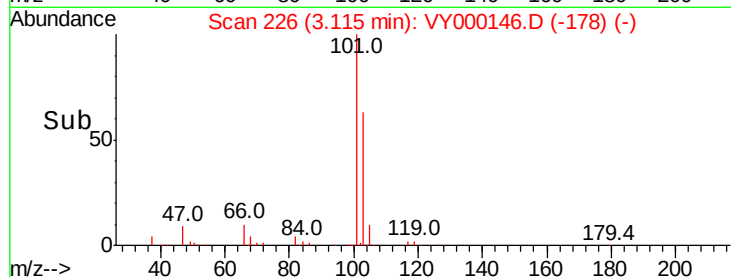
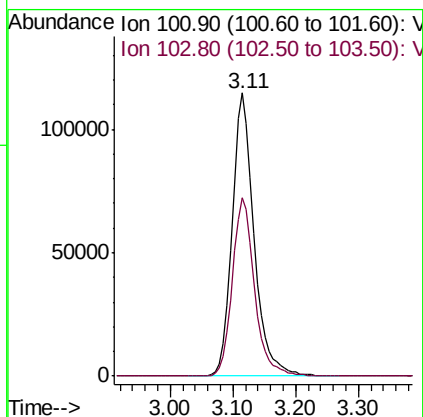
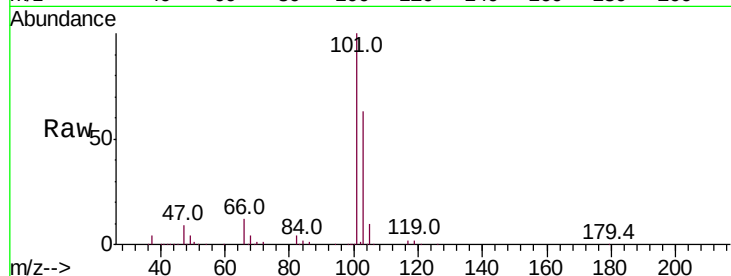


#7

Trichlorofluoromethane
Concen: 93.710 ug/l
RT: 3.11 min Scan# 226
Delta R.T. -0.01 min
Lab File: VY000146.D
Acq: 26 Sep 2019 11:57

Instrument :
MSVOA_Y
ClientSampleId :

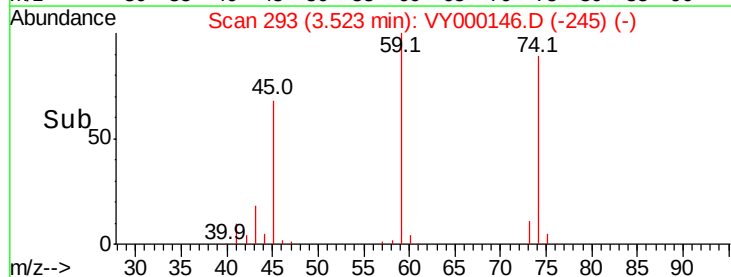
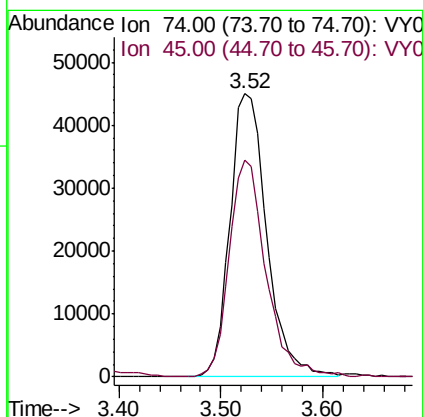
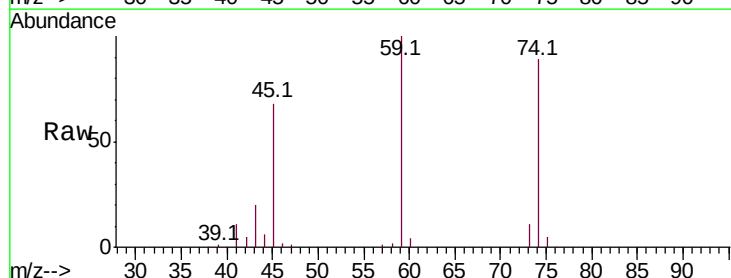
Tot Ion:101 Resp: 276606
Ion Ratio Lower Upper
101 100
103 63.2 51.9 77.9

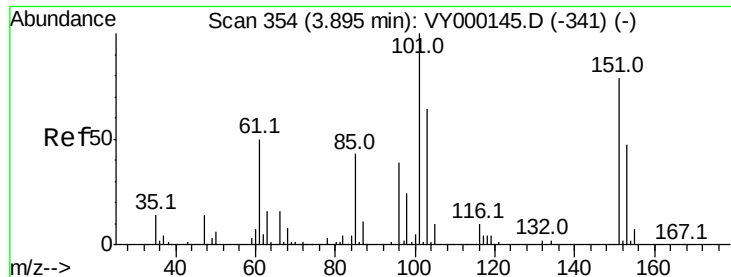


#8

Diethyl Ether
Concen: 95.478 ug/l
RT: 3.52 min Scan# 293
Delta R.T. -0.01 min
Lab File: VY000146.D
Acq: 26 Sep 2019 11:57

Tgt Ion: 74 Resp: 112360
Ion Ratio Lower Upper
74 100
45 76.8 37.7 113.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 93.907 ug/l

RT: 3.90 min Scan# 354

Delta R.T. 0.00 min

Lab File: VY000146.D

Acq: 26 Sep 2019 11:57

Instrument :

MSVOA_Y

ClientSampleId :

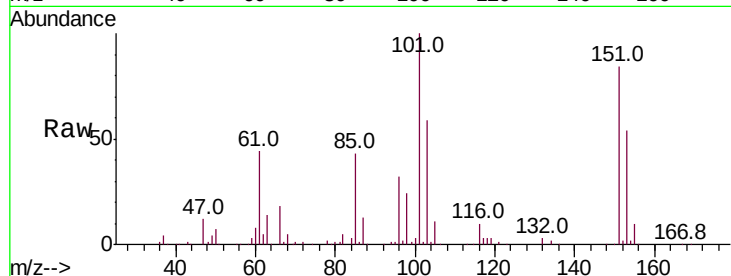
Tot Ion:101 Resp: 180934

Ion Ratio Lower Upper

101 100

85 42.4 34.8 52.2

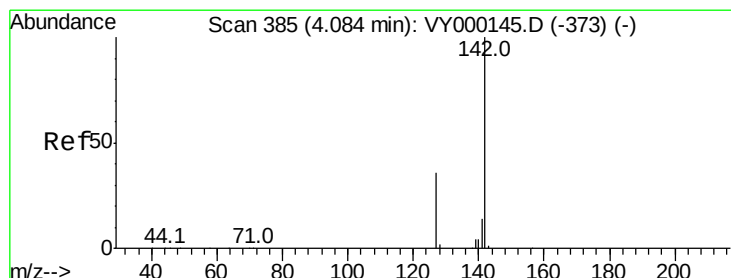
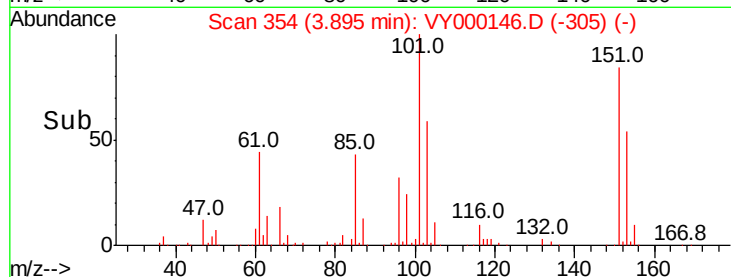
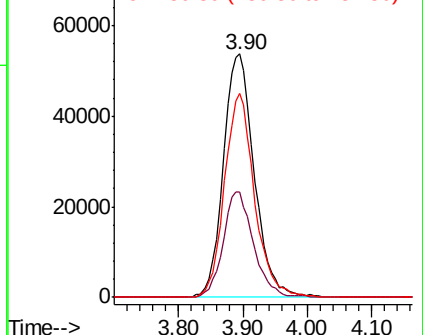
151 81.3 64.0 96.0



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: 105.136 ug/l

RT: 4.08 min Scan# 385

Delta R.T. 0.00 min

Lab File: VY000146.D

Acq: 26 Sep 2019 11:57

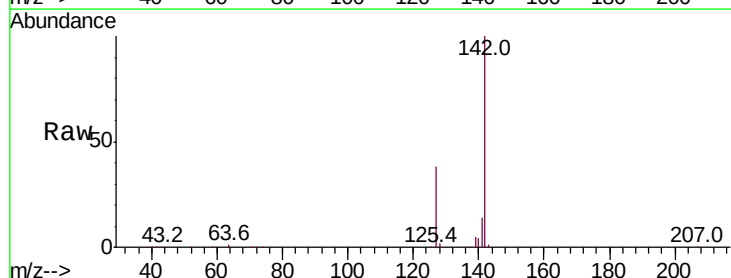
Tgt Ion:142 Resp: 312333

Ion Ratio Lower Upper

142 100

127 37.6 30.0 45.0

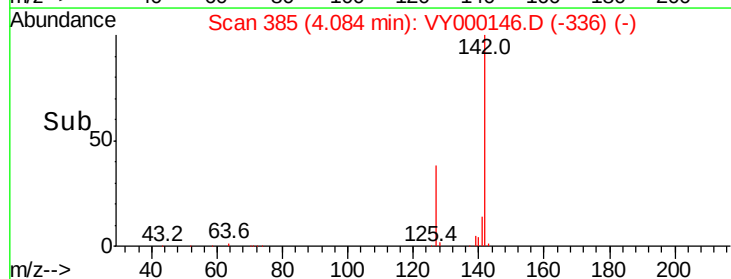
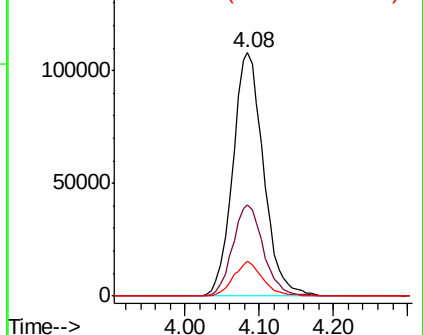
141 13.8 11.0 16.6

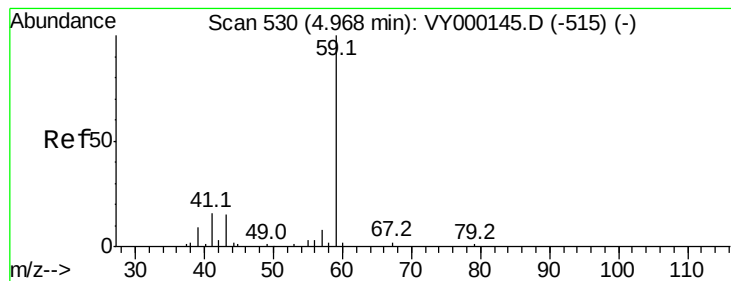


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



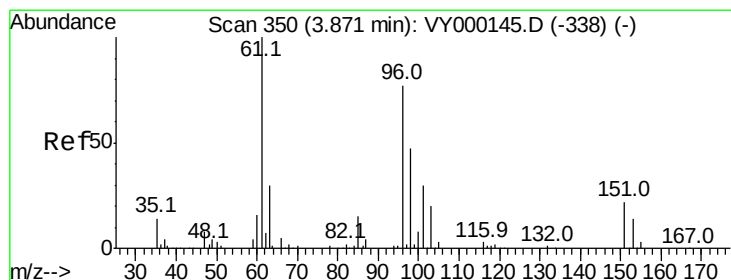
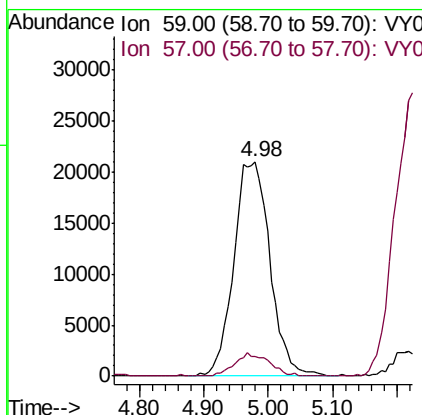
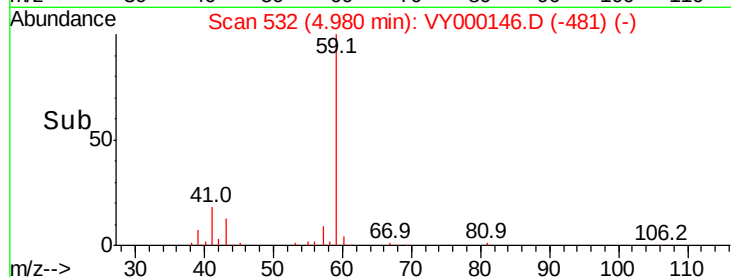
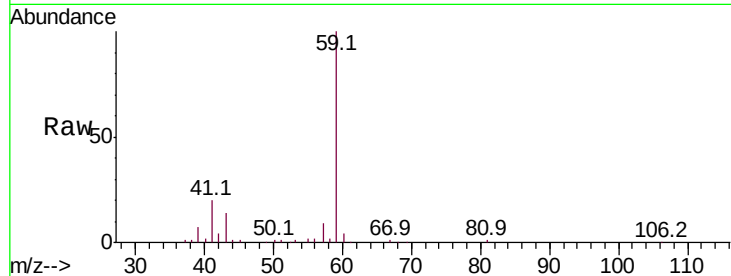


#11

Tert butyl alcohol
 Concen: 475.616 ug/l
 RT: 4.98 min Scan# 532
 Delta R.T. 0.01 min
 Lab File: VY000146.D
 Acq: 26 Sep 2019 11:57

Instrument :
 MSVOA_Y
 ClientSampleId :

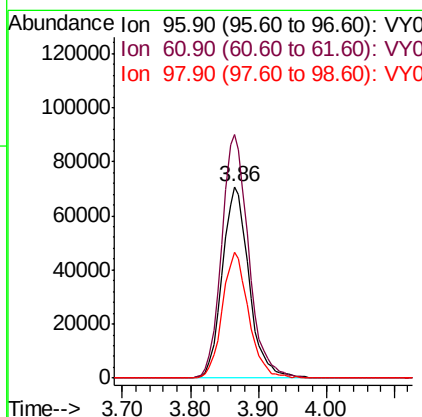
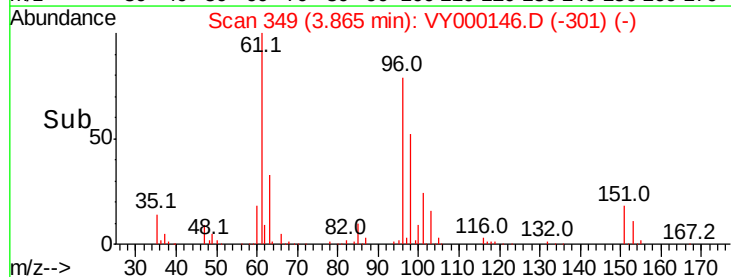
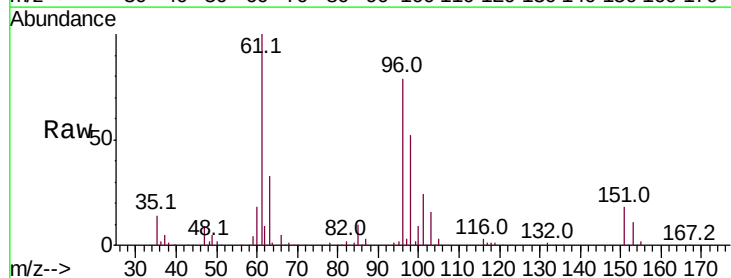
Tot Ion: 59 Resp: 81769
 Ion Ratio Lower Upper
 59 100
 57 10.1 8.9 13.3

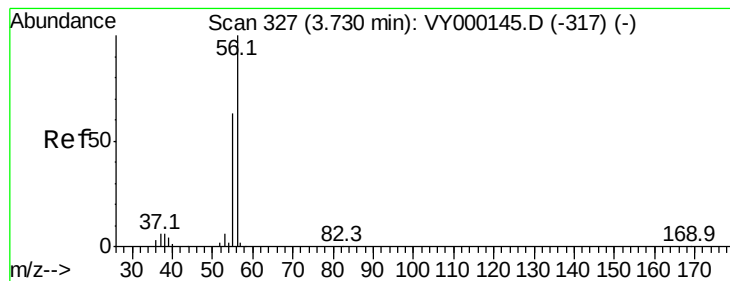


#12

1,1-Dichloroethene
 Concen: 95.468 ug/l
 RT: 3.86 min Scan# 349
 Delta R.T. -0.01 min
 Lab File: VY000146.D
 Acq: 26 Sep 2019 11:57

Tgt Ion: 96 Resp: 192897
 Ion Ratio Lower Upper
 96 100
 61 127.0 103.6 155.4
 98 66.0 48.7 73.1





#13

Acrolein

Concen: 508.110 ug/l

RT: 3.73 min Scan# 327

Delta R.T. 0.00 min

Lab File: VY000146.D

Acq: 26 Sep 2019 11:57

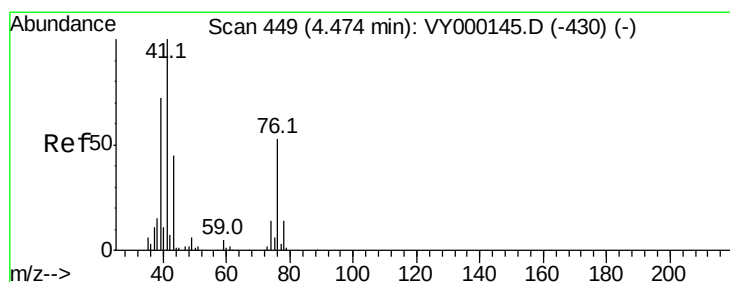
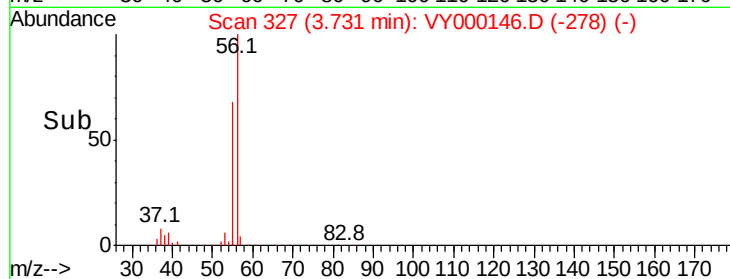
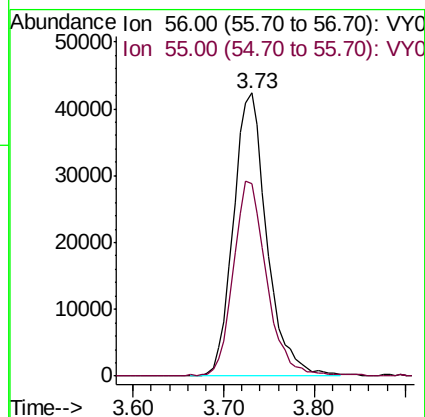
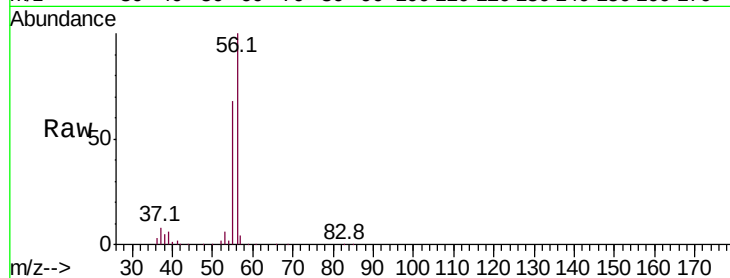
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 56 Resp: 108485

Ion Ratio Lower Upper

56 100

55 68.3 53.1 79.7



#14

Allyl chloride

Concen: 95.899 ug/l

RT: 4.47 min Scan# 449

Delta R.T. 0.00 min

Lab File: VY000146.D

Acq: 26 Sep 2019 11:57

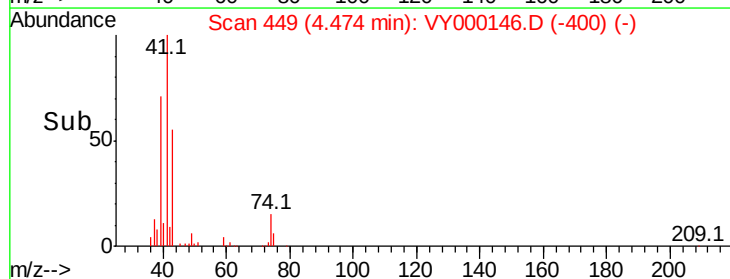
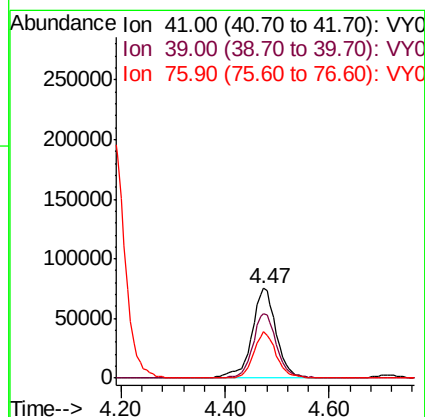
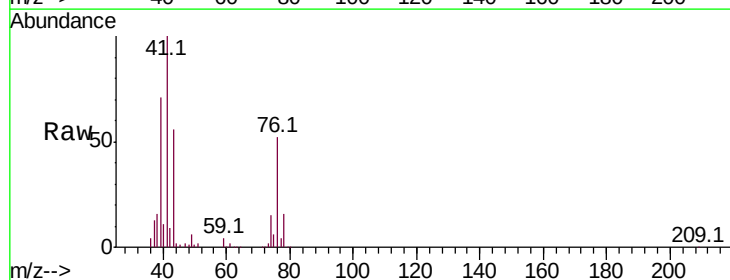
Tgt Ion: 41 Resp: 242477

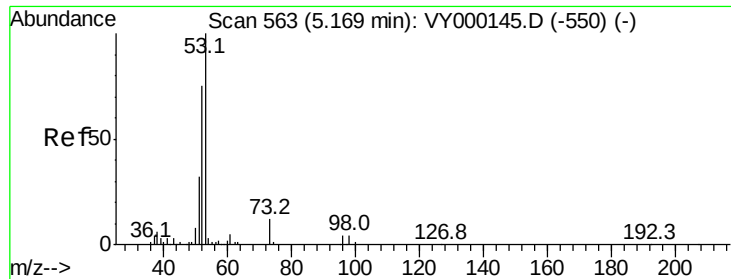
Ion Ratio Lower Upper

41 100

39 69.8 54.6 82.0

76 47.6 39.0 58.6





#15

Acrylonitrile

Concen: 498.437 ug/l

RT: 5.17 min Scan# 563

Delta R.T. 0.00 min

Lab File: VY000146.D

Acq: 26 Sep 2019 11:57

Instrument :
MSVOA_Y
ClientSampled :

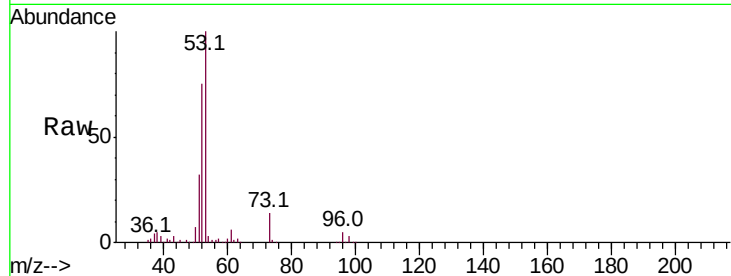
Tot Ion: 53 Resp: 266763

Ion Ratio Lower Upper

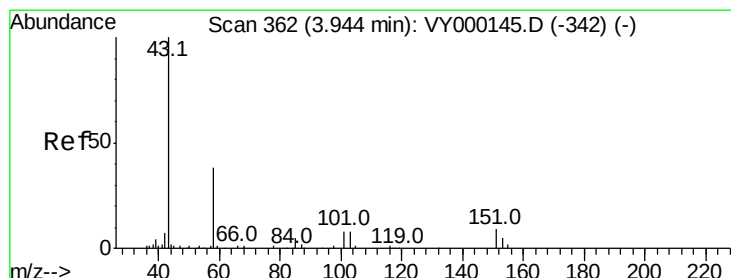
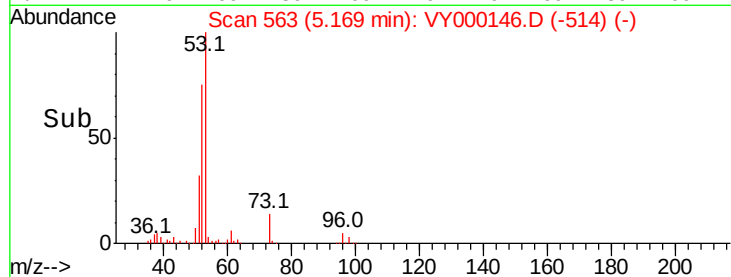
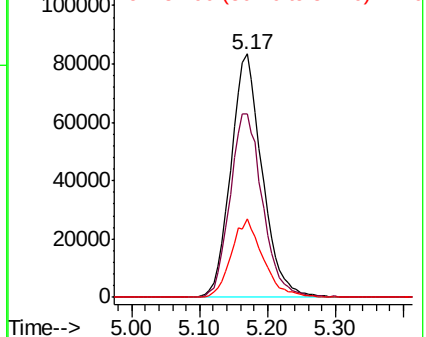
53 100

52 78.0 62.9 94.3

51 32.7 27.5 41.3



Abundance Ion 53.00 (52.70 to 53.70): VY0
Ion 52.00 (51.70 to 52.70): VY0
Ion 51.00 (50.70 to 51.70): VY0



#16

Acetone

Concen: 473.976 ug/l

RT: 3.95 min Scan# 363

Delta R.T. 0.01 min

Lab File: VY000146.D

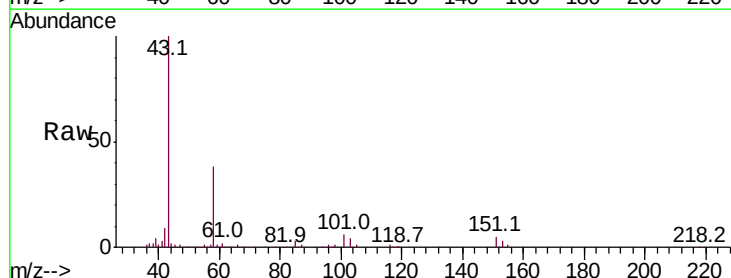
Acq: 26 Sep 2019 11:57

Tgt Ion: 43 Resp: 199853

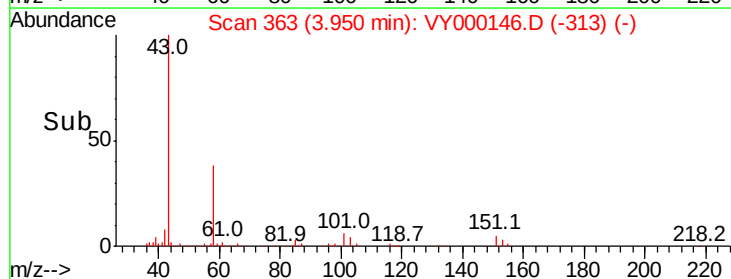
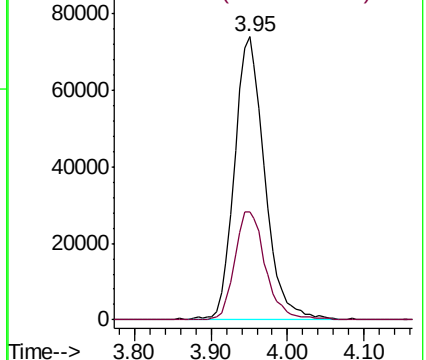
Ion Ratio Lower Upper

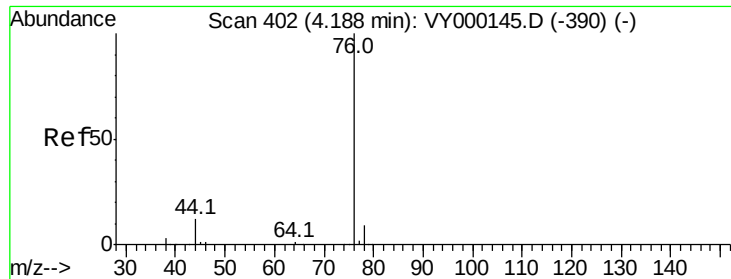
43 100

58 38.1 30.4 45.6



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

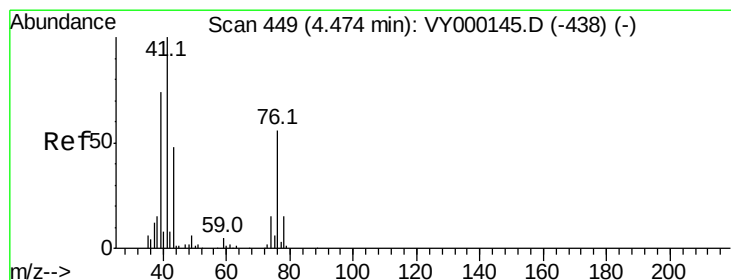
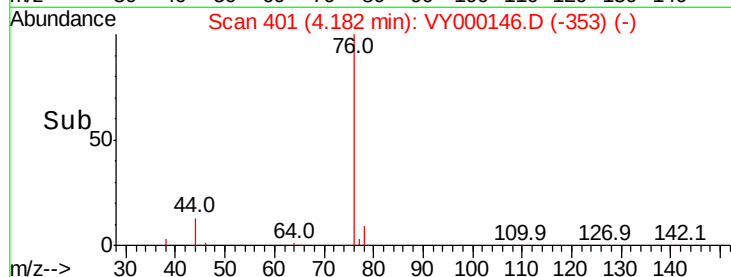
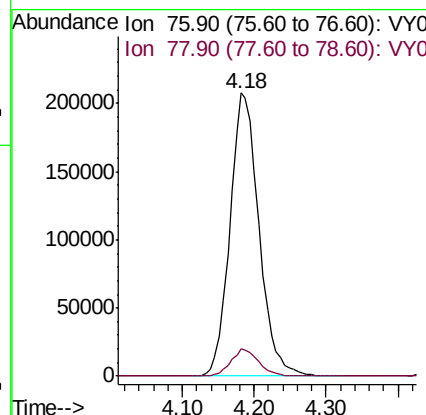
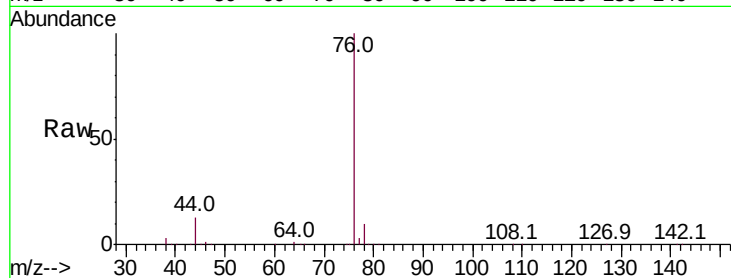




#17
Carbon Disulfide
Concen: 92.617 ug/l
RT: 4.18 min Scan# 401
Delta R.T. -0.01 min
Lab File: VY000146.D
Acq: 26 Sep 2019 11:57

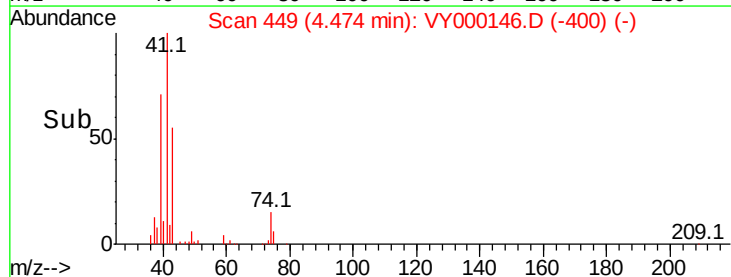
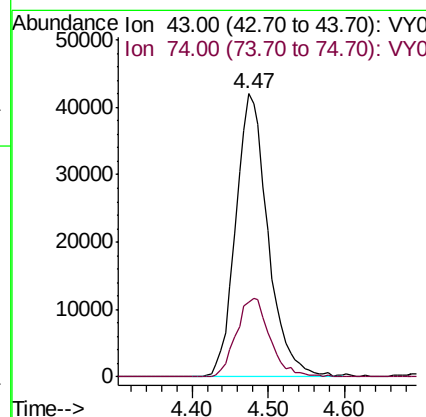
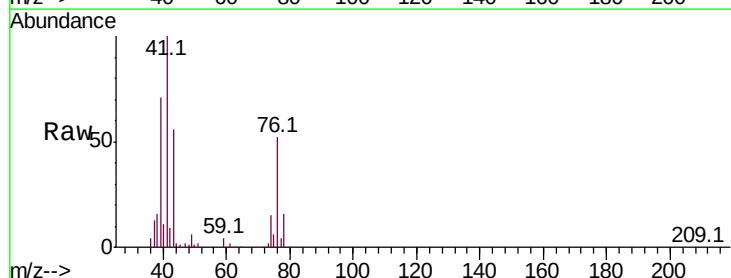
Instrument :
MSVOA_Y
ClientSampleId :

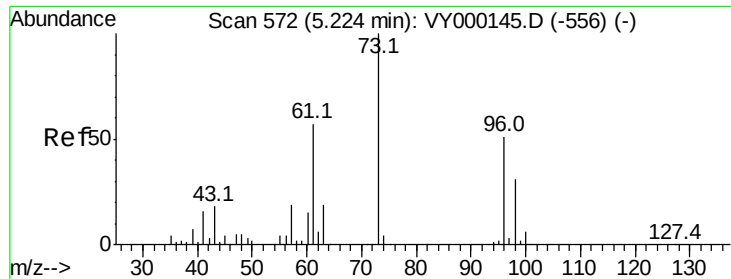
Tot Ion: 76 Resp: 580482
Ion Ratio Lower Upper
76 100
78 9.5 7.0 10.4



#18
Methyl Acetate
Concen: 98.431 ug/l
RT: 4.47 min Scan# 449
Delta R.T. 0.00 min
Lab File: VY000146.D
Acq: 26 Sep 2019 11:57

Tgt Ion: 43 Resp: 122834
Ion Ratio Lower Upper
43 100
74 29.0 25.6 38.4

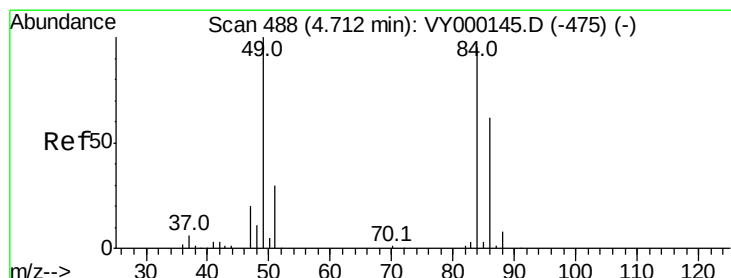
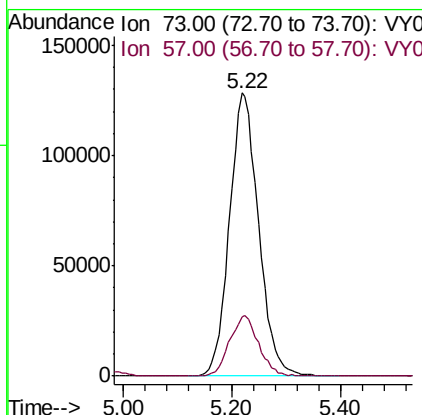
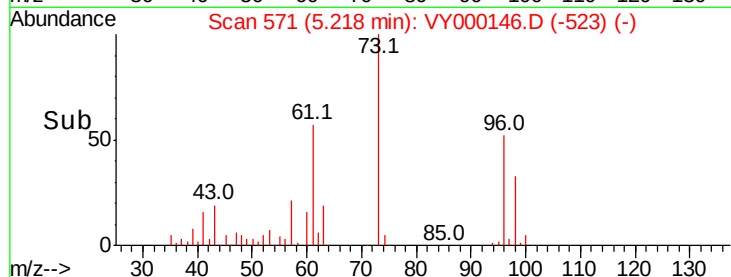
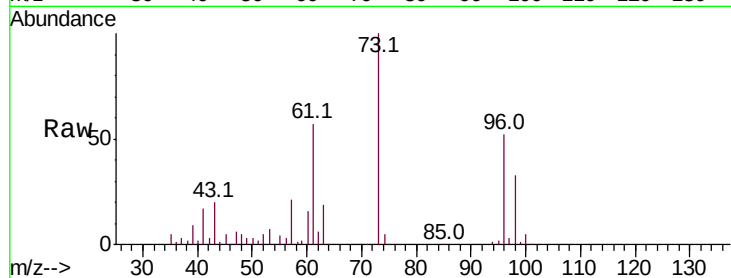




#19
Methyl tert-butyl Ether
Concen: 99.884 ug/l
RT: 5.22 min Scan# 571
Delta R.T. -0.01 min
Lab File: VY000146.D
Acq: 26 Sep 2019 11:57

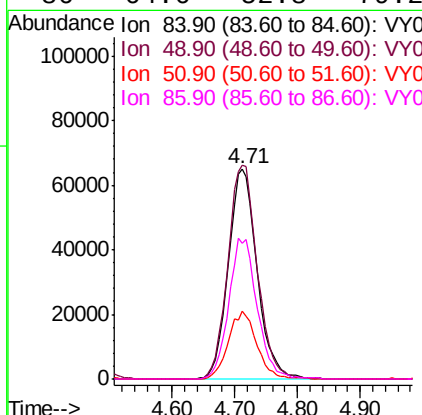
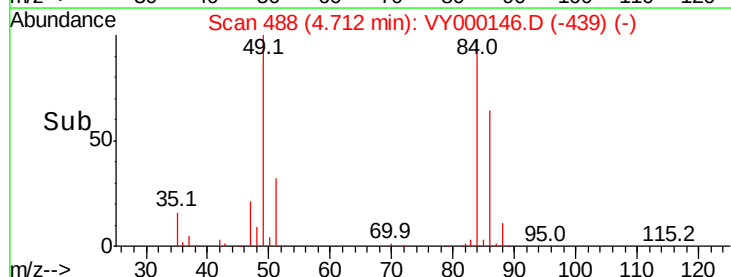
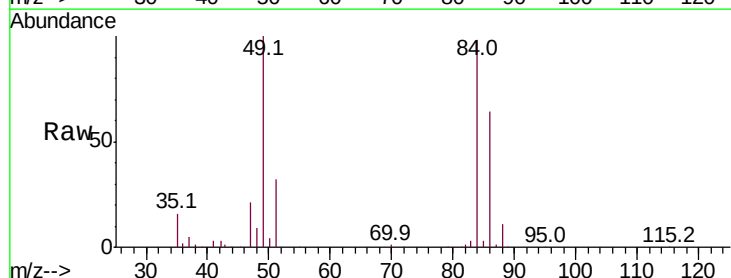
Instrument :
MSVOA_Y
ClientSampled :

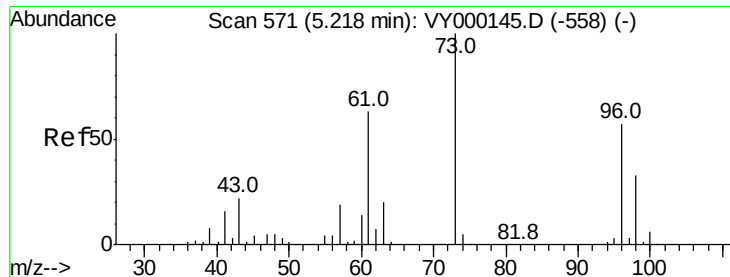
Tot Ion: 73 Resp: 477790
Ion Ratio Lower Upper
73 100
57 21.1 15.5 23.3



#20
Methylene Chloride
Concen: 84.520 ug/l
RT: 4.71 min Scan# 488
Delta R.T. 0.00 min
Lab File: VY000146.D
Acq: 26 Sep 2019 11:57

Tgt Ion: 84 Resp: 205822
Ion Ratio Lower Upper
84 100
49 101.6 84.6 126.8
51 32.6 25.4 38.2
86 64.6 52.8 79.2

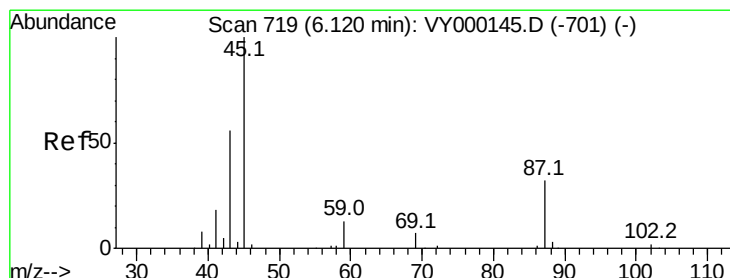
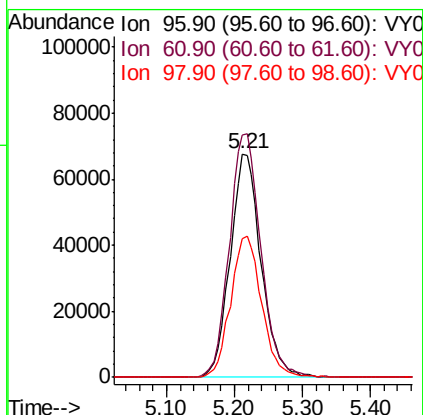
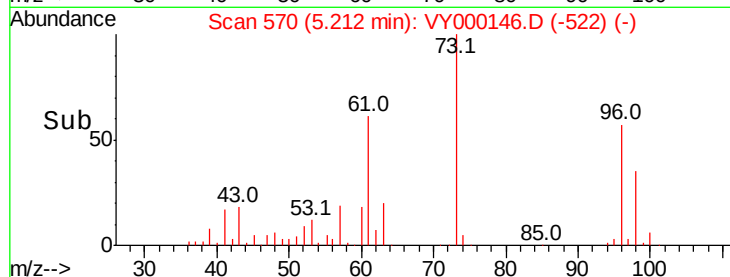
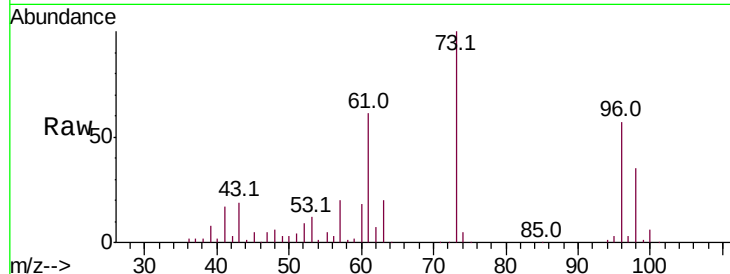




#21
trans-1,2-Dichloroethene
Concen: 94.610 ug/l
RT: 5.21 min Scan# 570
Delta R.T. -0.01 min
Lab File: VY000146.D
Acq: 26 Sep 2019 11:57

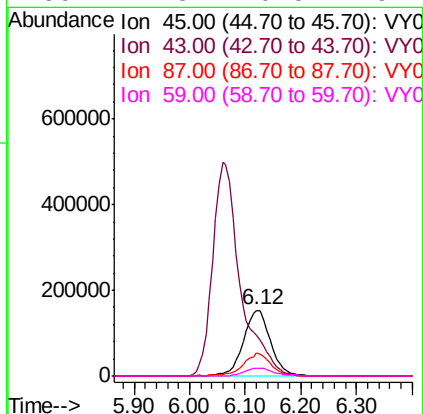
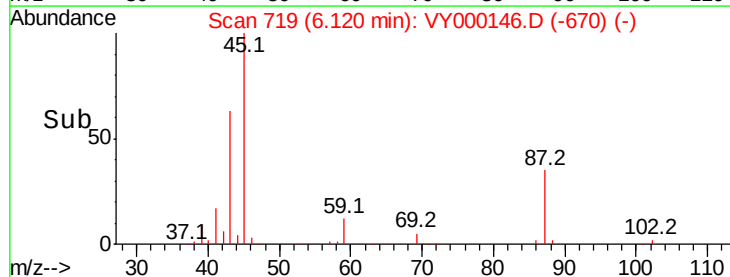
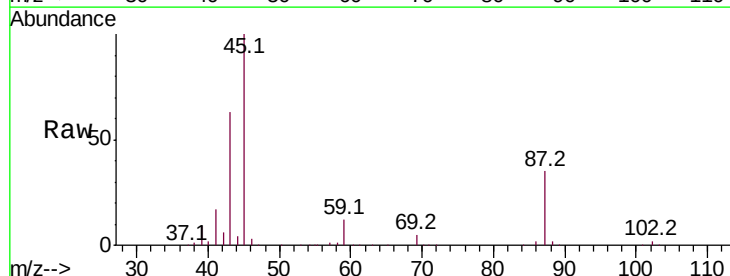
Instrument :
MSVOA_Y
ClientSampled :

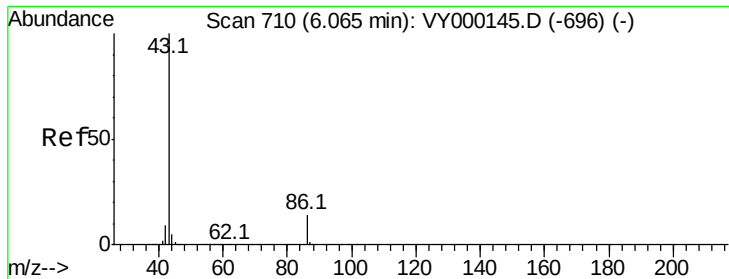
Tot Ion: 96 Resp: 212989
Ion Ratio Lower Upper
96 100
61 108.1 88.0 132.0
98 62.2 45.6 68.4



#22
Diisopropyl ether
Concen: 97.467 ug/l
RT: 6.12 min Scan# 719
Delta R.T. 0.00 min
Lab File: VY000146.D
Acq: 26 Sep 2019 11:57

Tgt Ion: 45 Resp: 517910
Ion Ratio Lower Upper
45 100
43 62.4 48.4 72.6
87 35.3 26.6 39.8
59 12.3 10.5 15.7





#23

Vinyl Acetate

Concen: 518.940 ug/l

RT: 6.06 min Scan# 709

Delta R.T. -0.01 min

Lab File: VY000146.D

Acq: 26 Sep 2019 11:57

Instrument :

MSVOA_Y

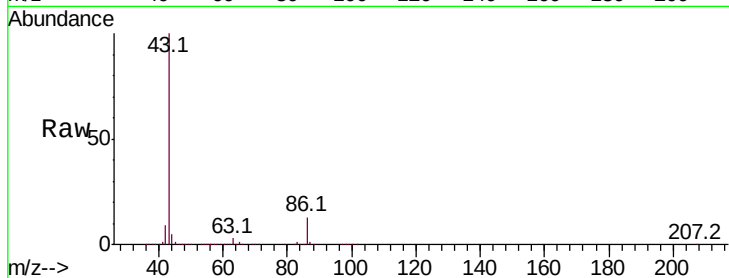
ClientSampled :

Tot Ion: 43 Resp: 1728138

Ion Ratio Lower Upper

43 100

86 12.6 11.1 16.7



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

6.06

500000

400000

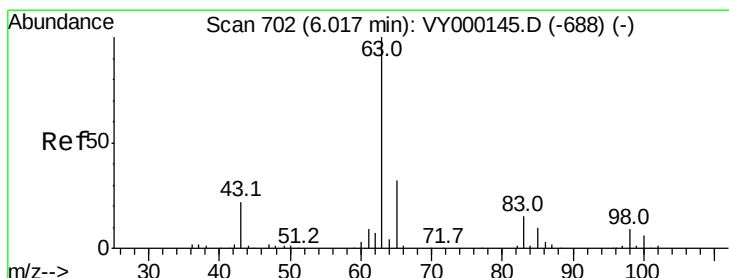
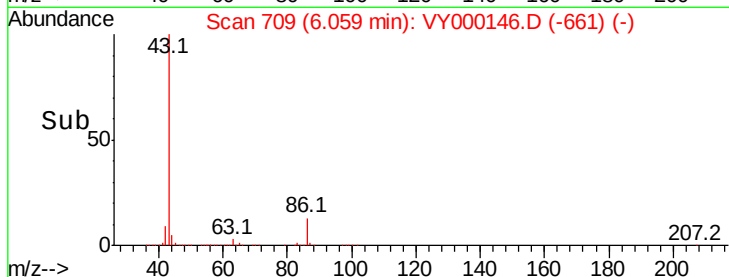
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 94.947 ug/l

RT: 6.02 min Scan# 702

Delta R.T. 0.00 min

Lab File: VY000146.D

Acq: 26 Sep 2019 11:57

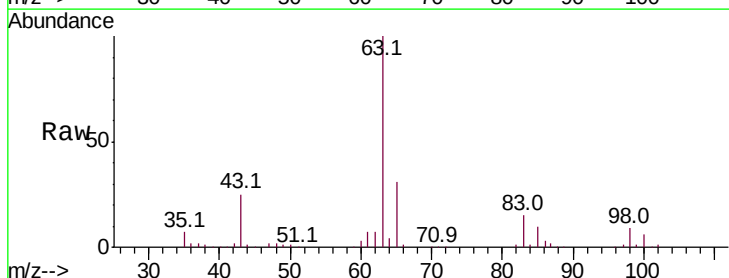
Tgt Ion: 63 Resp: 305416

Ion Ratio Lower Upper

63 100

98 9.0 4.6 13.8

100 6.0 2.8 8.4



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

6.02

120000

100000

80000

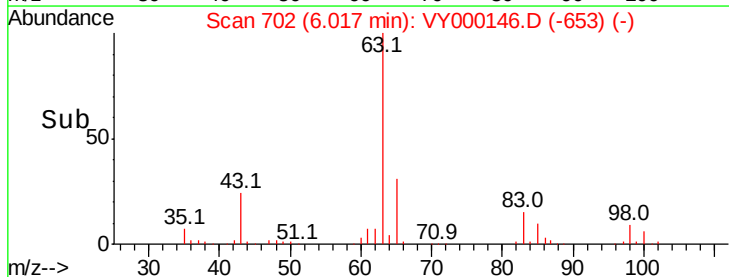
60000

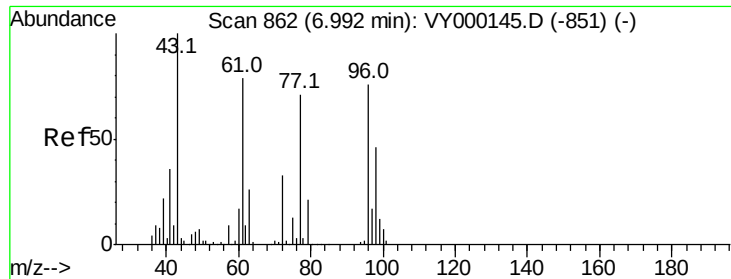
40000

20000

0

Time-->





#25

2-Butanone

Concen: 512.703 ug/l

RT: 6.99 min Scan# 862

Delta R.T. 0.00 min

Lab File: VY000146.D

Acq: 26 Sep 2019 11:57

Instrument :

MSVOA_Y

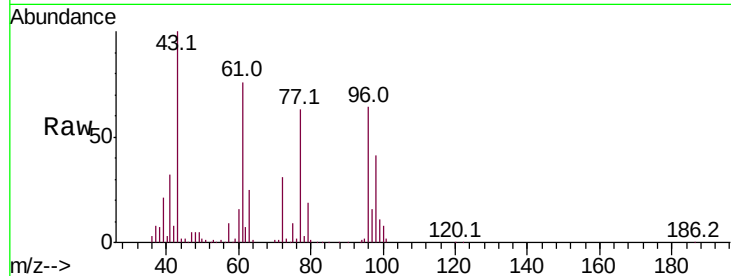
ClientSampled :

Tot Ion: 43 Resp: 338716

Ion Ratio Lower Upper

43 100

72 31.5 26.8 40.2



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0

150000

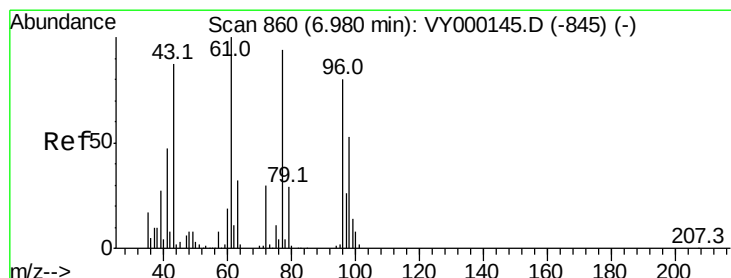
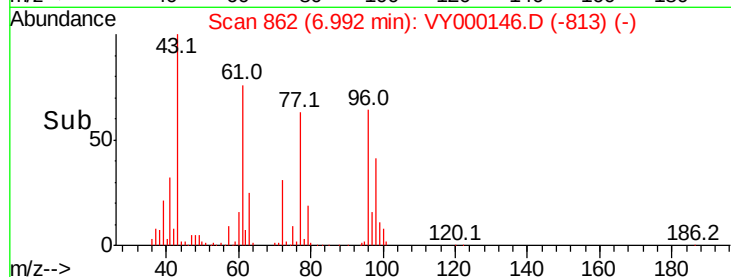
100000

50000

0

6.90 7.00

Time-->



#26

2,2-Dichloropropane

Concen: 92.785 ug/l

RT: 6.99 min Scan# 861

Delta R.T. 0.01 min

Lab File: VY000146.D

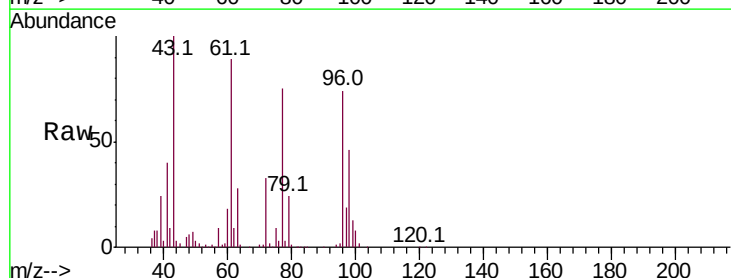
Acq: 26 Sep 2019 11:57

Tgt Ion: 77 Resp: 271384

Ion Ratio Lower Upper

77 100

97 25.4 13.0 38.9



Abundance Ion 76.90 (76.60 to 77.60): VY0

Ion 96.90 (96.60 to 97.60): VY0

100000

80000

60000

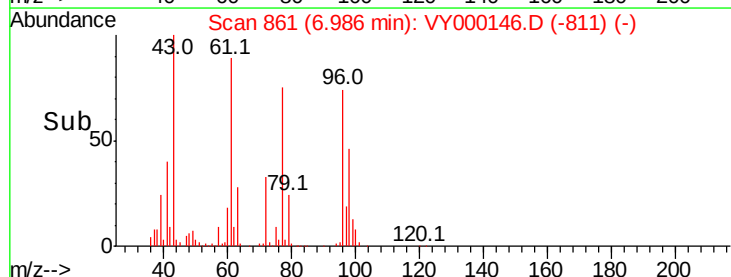
40000

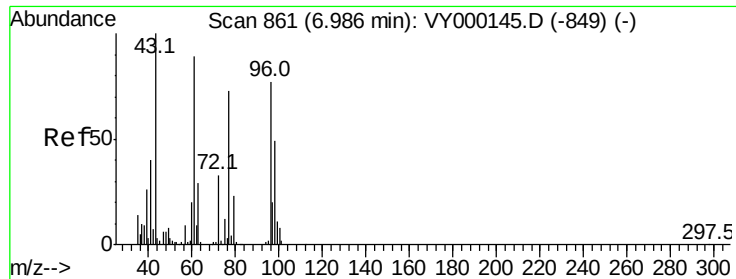
20000

0

6.80 6.90 7.00 7.10

Time-->



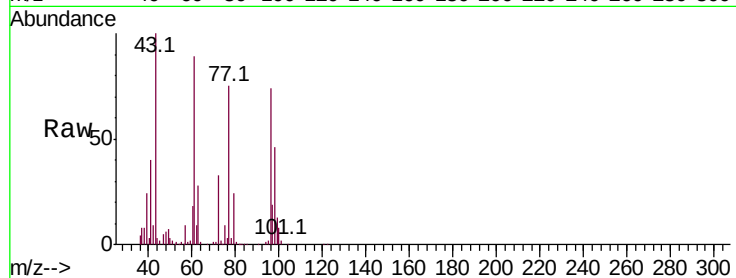


#27

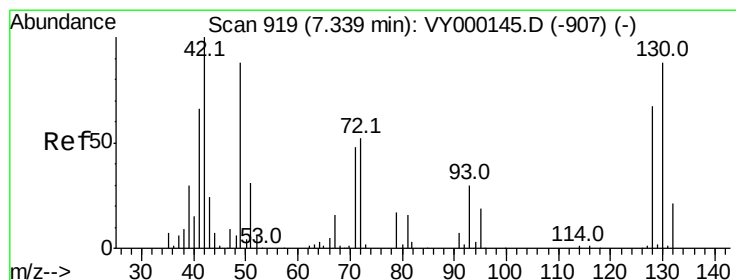
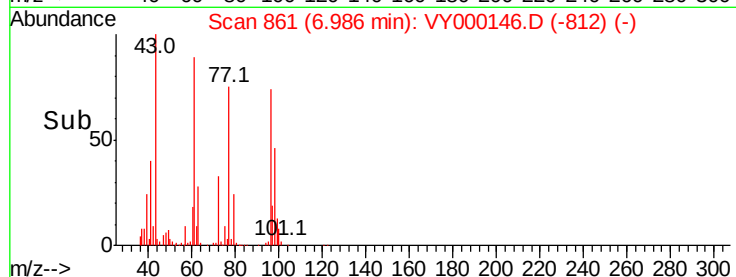
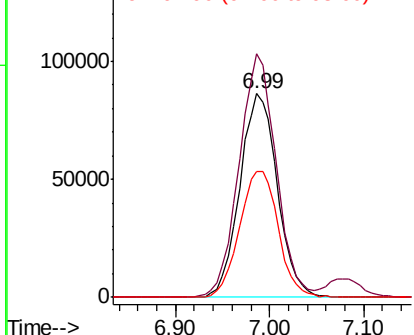
cis-1,2-Dichloroethene
Concen: 95.757 ug/l
RT: 6.99 min Scan# 861
Delta R.T. 0.00 min
Lab File: VY000146.D
Acq: 26 Sep 2019 11:57

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion	96	Resp	239577
Ion	Ratio	Lower	Upper
96	100		
61	117.8	0.0	232.8
98	63.9	0.0	128.8



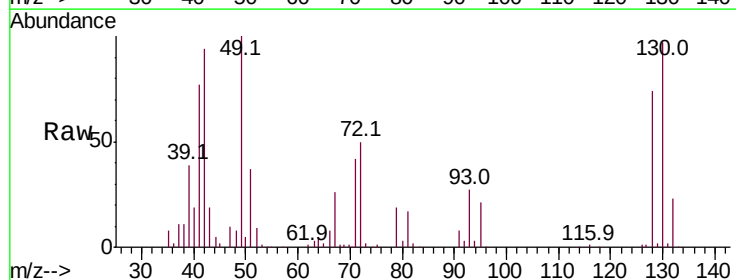
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



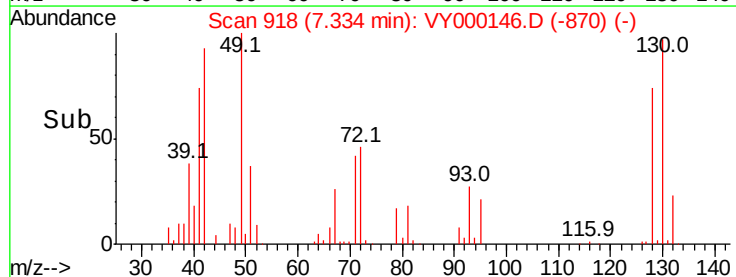
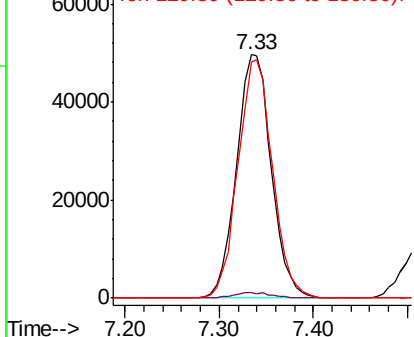
#28

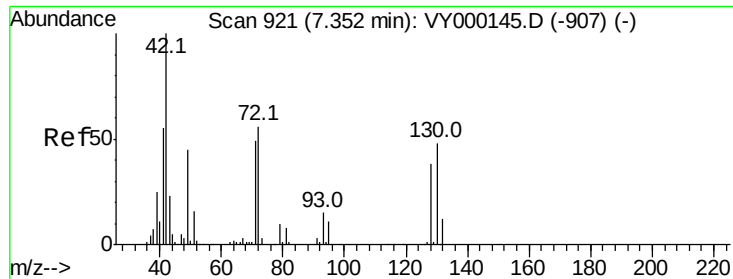
Bromochloromethane
Concen: 104.353 ug/l
RT: 7.33 min Scan# 918
Delta R.T. -0.01 min
Lab File: VY000146.D
Acq: 26 Sep 2019 11:57

Tgt Ion	49	Resp	127887
Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	4.6
130	97.4	79.5	119.3



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

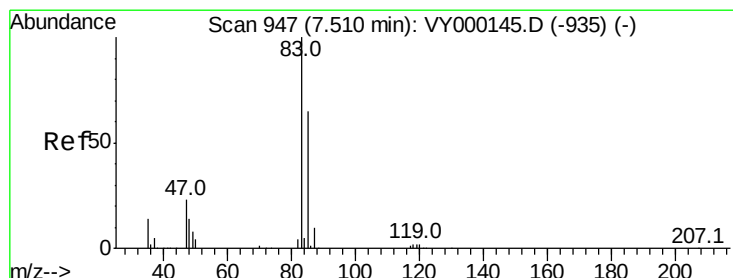
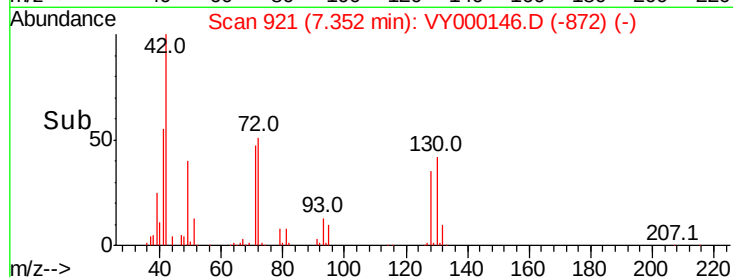
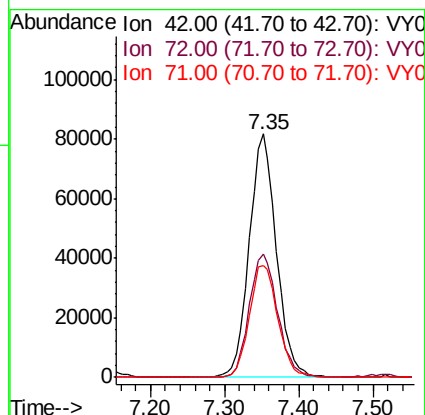
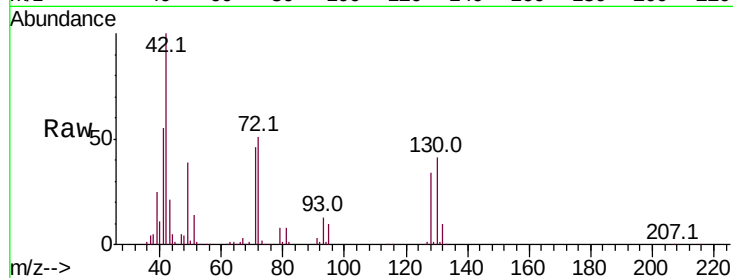




#29
Tetrahydrofuran
Concen: 514.236 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.00 min
Lab File: VY000146.D
Acq: 26 Sep 2019 11:57

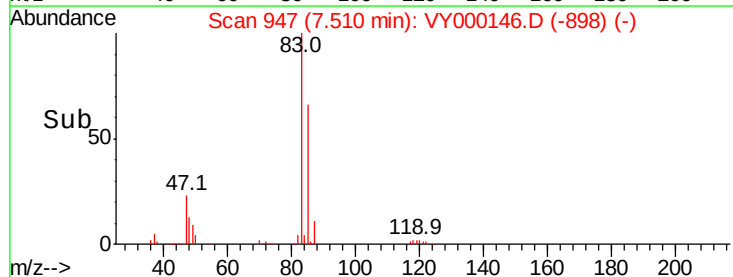
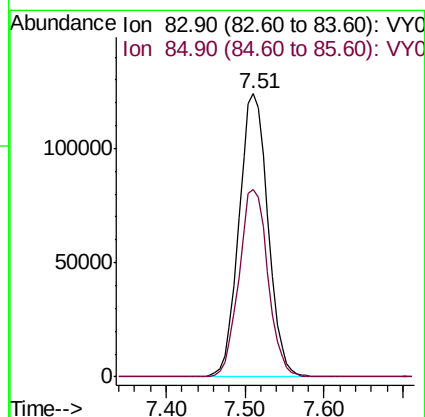
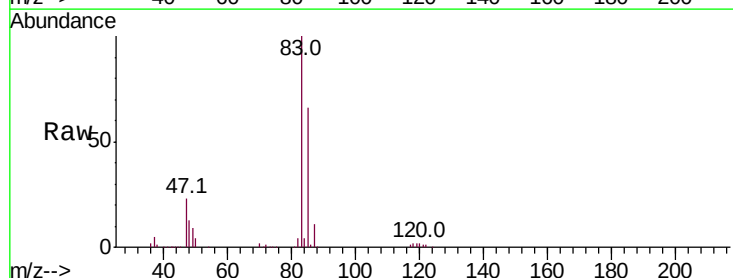
Instrument :
MSVOA_Y
ClientSampled :

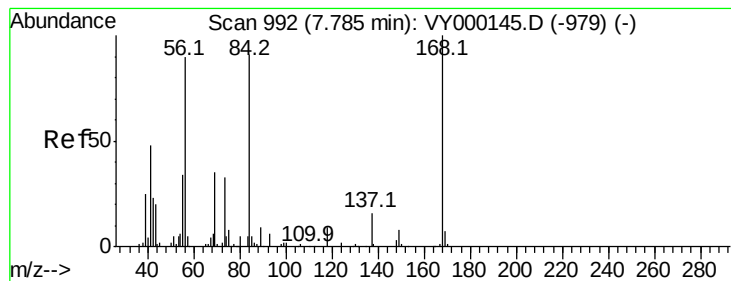
Tot Ion: 42 Resp: 209432
Ion Ratio Lower Upper
42 100
72 52.6 43.1 64.7
71 48.0 39.4 59.2



#30
Chloroform
Concen: 93.823 ug/l
RT: 7.51 min Scan# 947
Delta R.T. 0.00 min
Lab File: VY000146.D
Acq: 26 Sep 2019 11:57

Tgt Ion: 83 Resp: 315866
Ion Ratio Lower Upper
83 100
85 66.3 52.4 78.6





#31

Cyclohexane

Concen: 89.931 ug/l

RT: 7.78 min Scan# 992

Delta R.T. 0.00 min

Lab File: VY000146.D

Acq: 26 Sep 2019 11:57

Instrument :
MSVOA_Y
ClientSampleId :

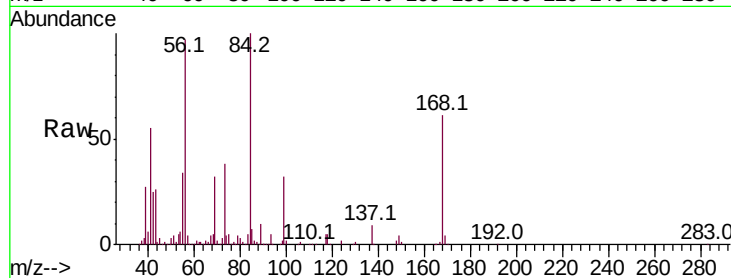
Tot Ion: 56 Resp: 299071

Ion Ratio Lower Upper

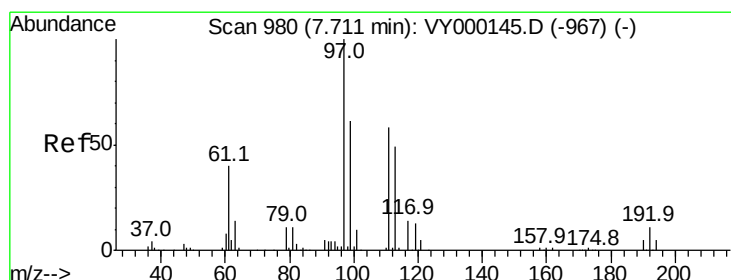
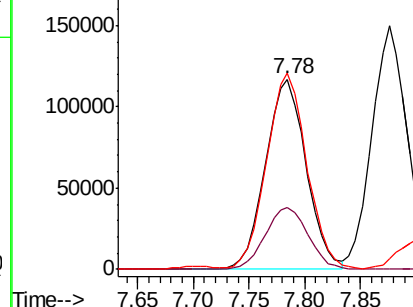
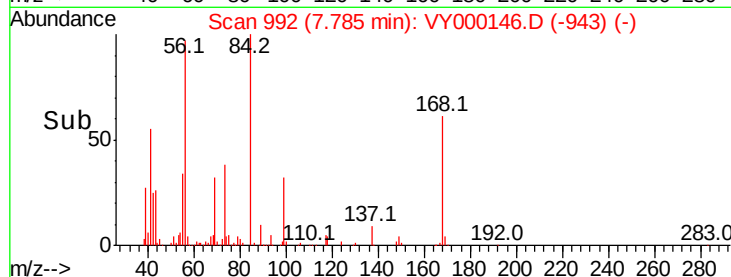
56 100

69 32.6 31.1 46.7

84 101.7 80.5 120.7



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: 96.934 ug/l

RT: 7.71 min Scan# 979

Delta R.T. -0.01 min

Lab File: VY000146.D

Acq: 26 Sep 2019 11:57

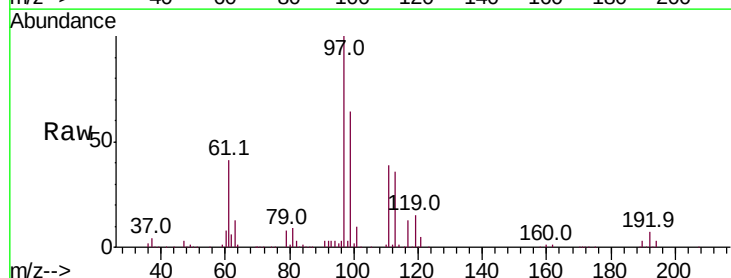
Tgt Ion: 97 Resp: 286151

Ion Ratio Lower Upper

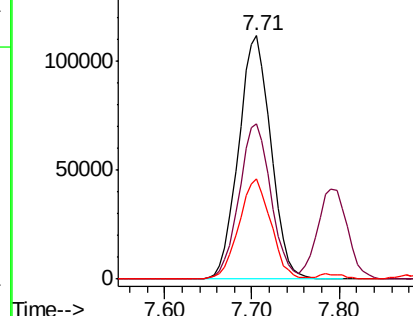
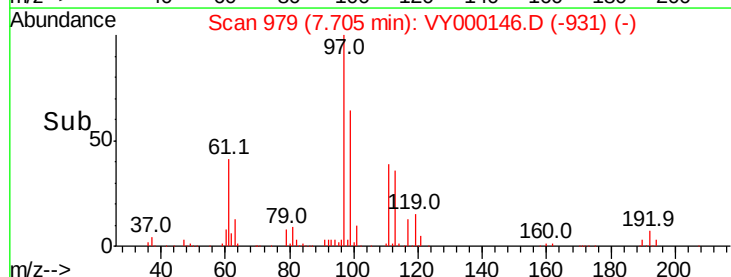
97 100

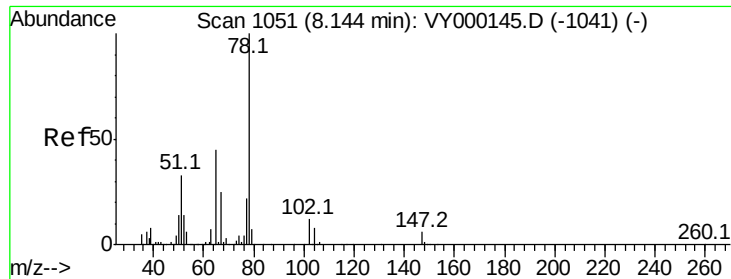
99 63.4 50.5 75.7

61 40.7 32.9 49.3



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

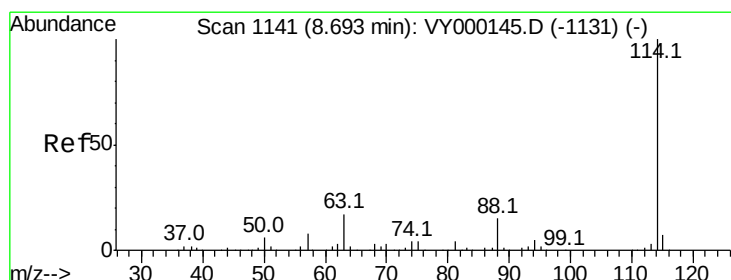
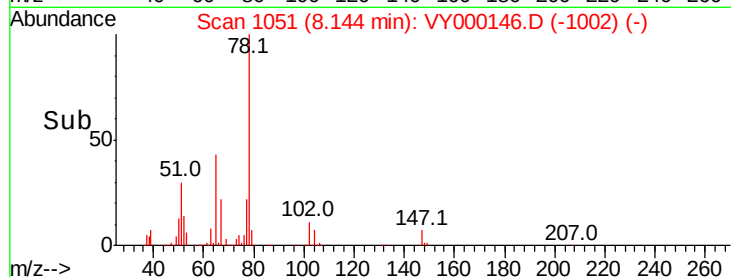
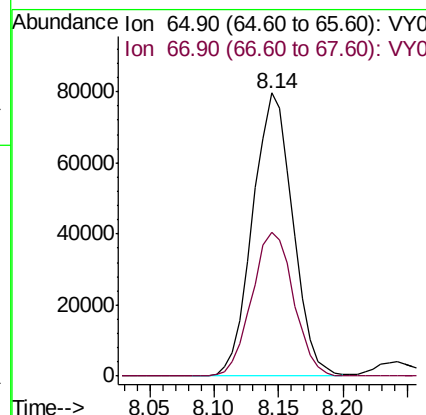
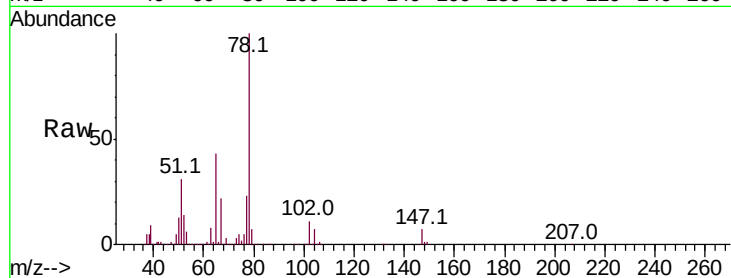




#33
 1,2-Dichloroethane-d4
 Concen: 99.849 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VY000146.D
 Acq: 26 Sep 2019 11:57

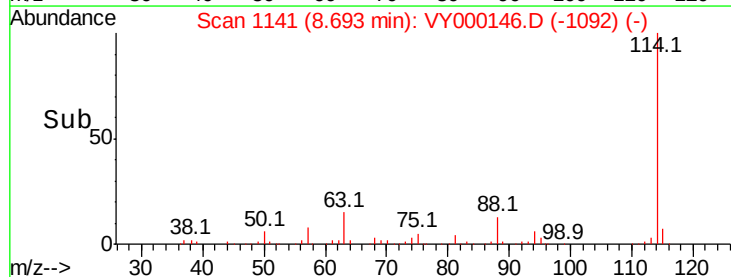
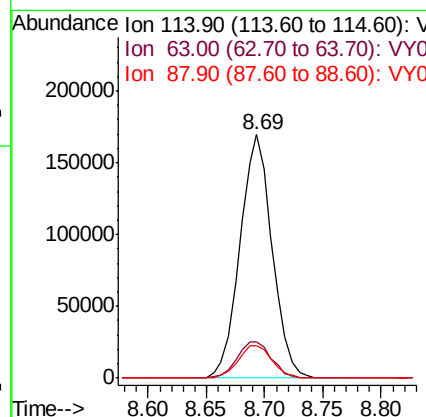
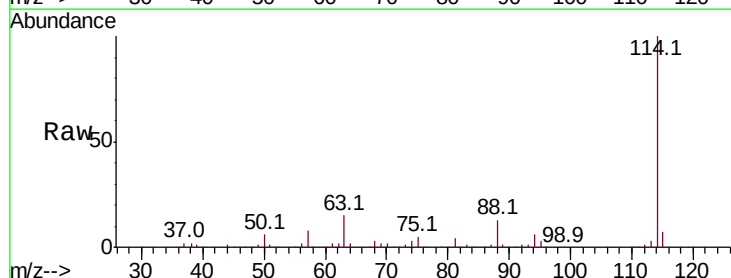
Instrument :
 MSVOA_Y
 ClientSampleId :

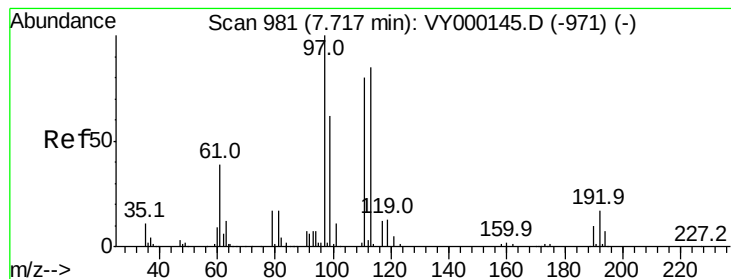
Tot Ion: 65 Resp: 171824
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 110.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY000146.D
 Acq: 26 Sep 2019 11:57

Tgt Ion: 114 Resp: 324782
 Ion Ratio Lower Upper
 114 100
 63 14.7 0.0 34.6
 88 13.2 0.0 30.6





#35

Dibromofluoromethane

Concen: 97.427 ug/l

RT: 7.72 min Scan# 982

Delta R.T. 0.01 min

Lab File: VY000146.D

Acq: 26 Sep 2019 11:57

Instrument :
MSVOA_Y
ClientSampleId :

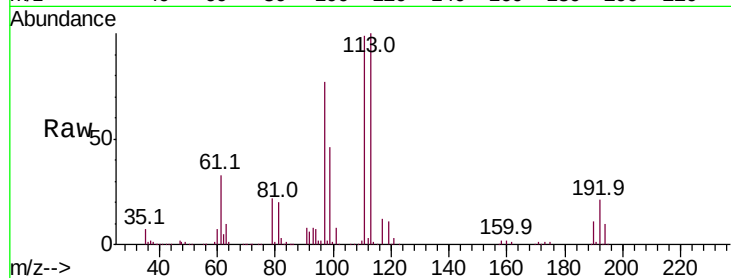
Tot Ion:113 Resp: 165711

Ion Ratio Lower Upper

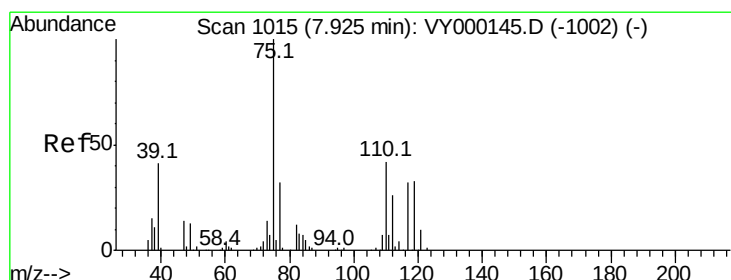
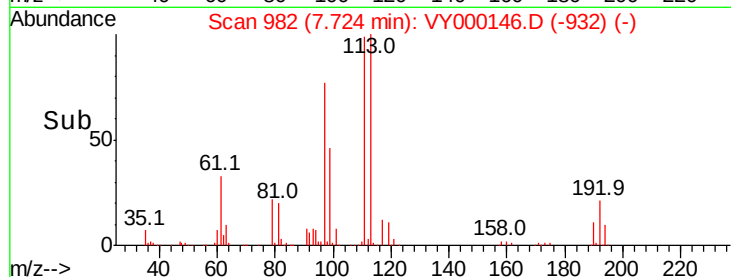
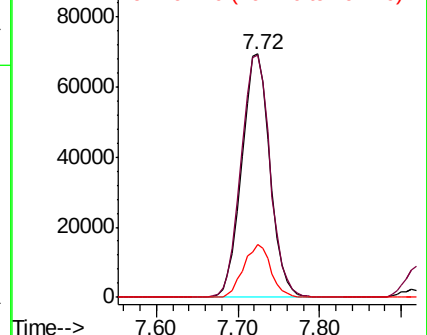
113 100

111 102.5 82.0 123.0

192 21.1 17.3 25.9



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: 94.338 ug/l

RT: 7.92 min Scan# 1014

Delta R.T. -0.01 min

Lab File: VY000146.D

Acq: 26 Sep 2019 11:57

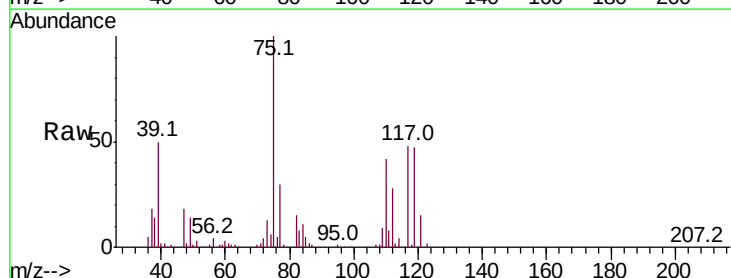
Tgt Ion: 75 Resp: 254620

Ion Ratio Lower Upper

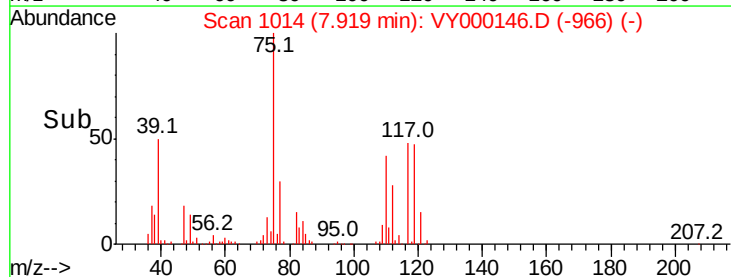
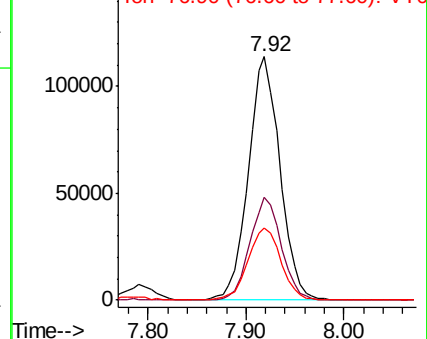
75 100

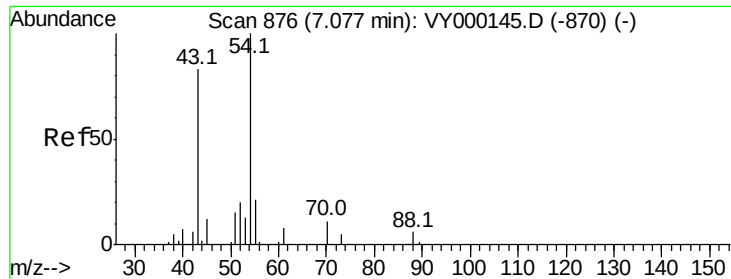
110 41.6 21.1 63.1

77 31.1 24.6 36.8



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

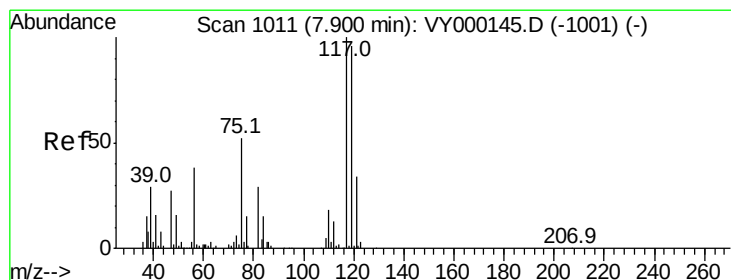
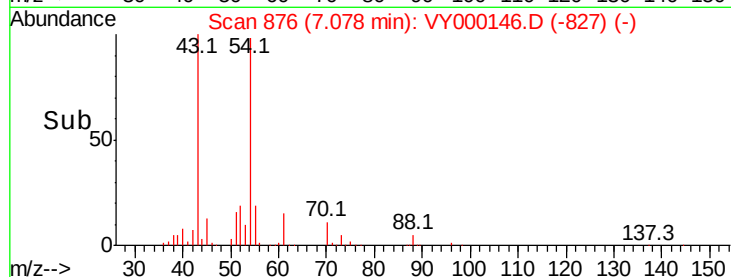
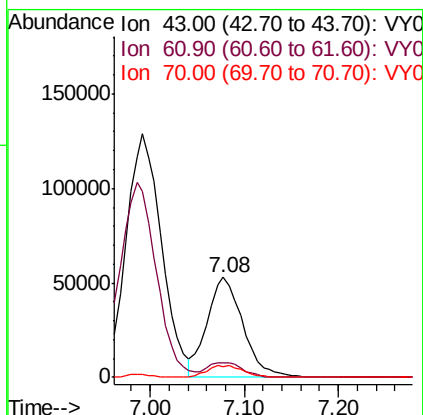
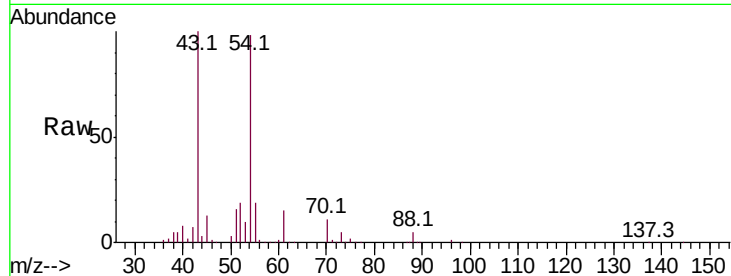




#37
Ethyl Acetate
Concen: 98.019 ug/l
RT: 7.08 min Scan# 876
Delta R.T. 0.00 min
Lab File: VY000146.D
Acq: 26 Sep 2019 11:57

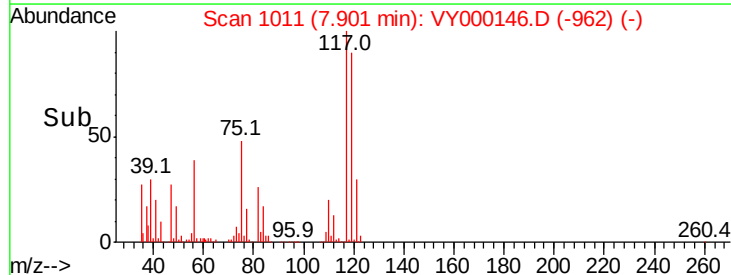
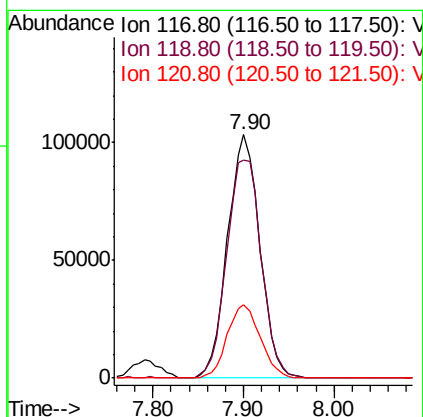
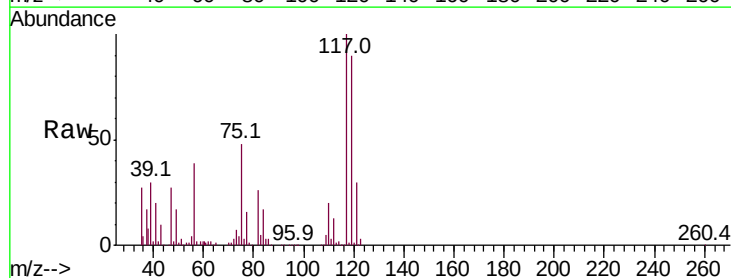
Instrument :
MSVOA_Y
ClientSampleId :

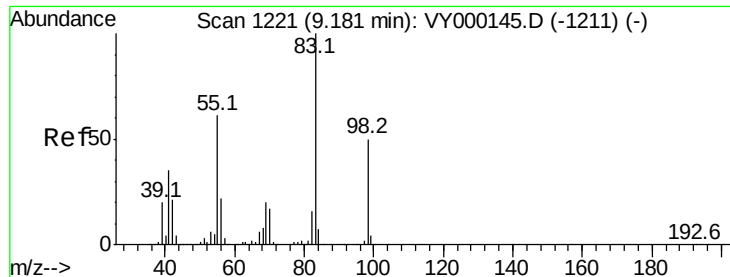
Tot Ion: 43 Resp: 139752
Ion Ratio Lower Upper
43 100
61 14.7 11.9 17.9
70 12.0 10.2 15.2



#38
Carbon Tetrachloride
Concen: 96.991 ug/l
RT: 7.90 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VY000146.D
Acq: 26 Sep 2019 11:57

Tgt Ion: 117 Resp: 255560
Ion Ratio Lower Upper
117 100
119 89.5 76.9 115.3
121 30.0 27.4 41.0

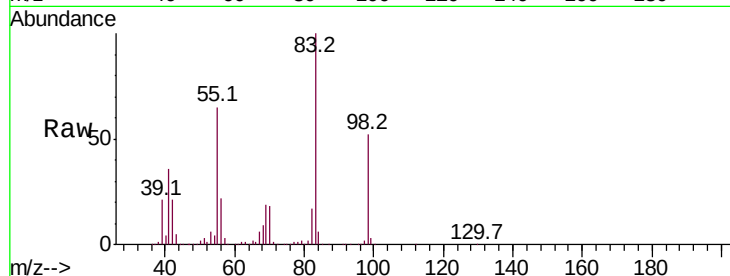




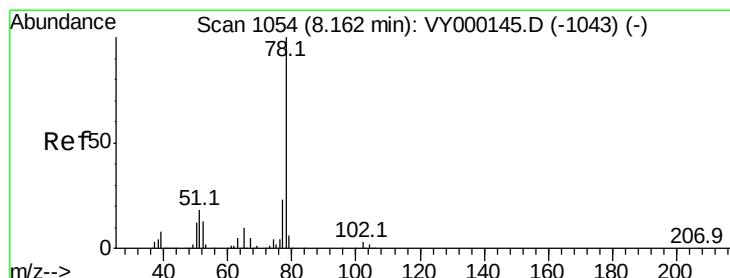
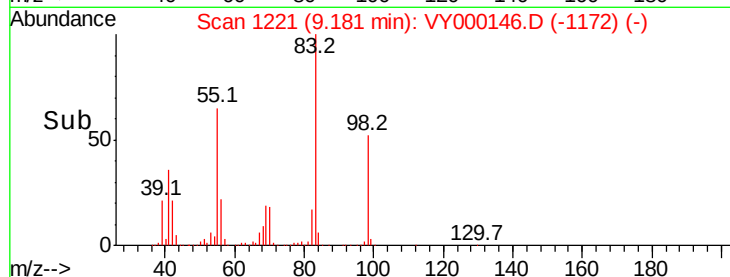
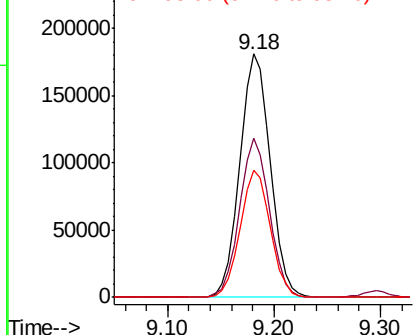
#39
Methylvlcyclohexane
Concen: 94.900 ug/l
RT: 9.18 min Scan# 1221
Delta R.T. 0.00 min
Lab File: VY000146.D
Acq: 26 Sep 2019 11:57

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 83 Resp: 363292
Ion Ratio Lower Upper
83 100
55 65.2 49.1 73.7
98 52.0 40.0 60.0

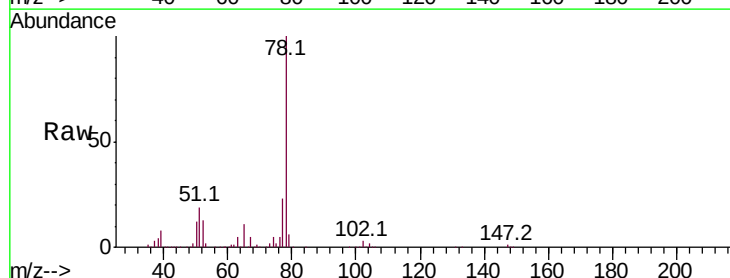


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

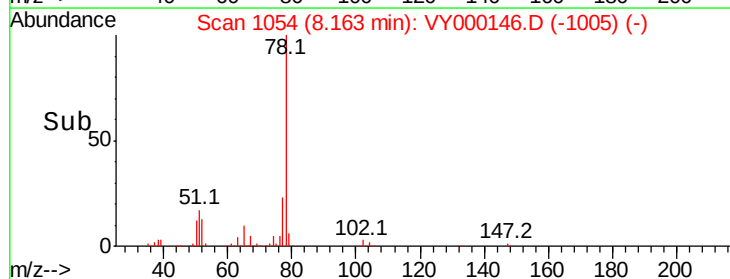
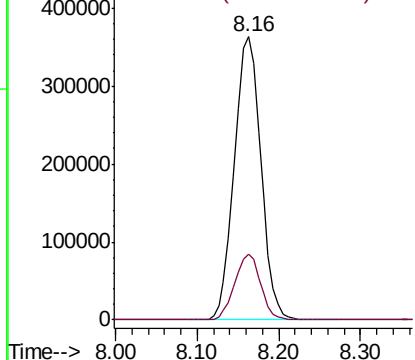


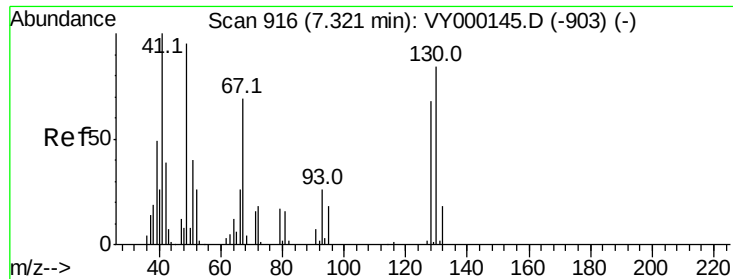
#40
Benzene
Concen: 95.544 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VY000146.D
Acq: 26 Sep 2019 11:57

Tgt Ion: 78 Resp: 814594
Ion Ratio Lower Upper
78 100
77 23.4 18.2 27.4



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

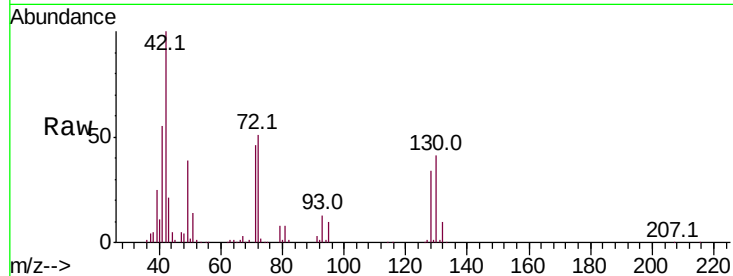




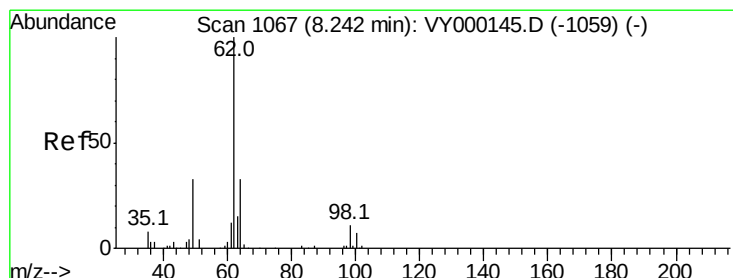
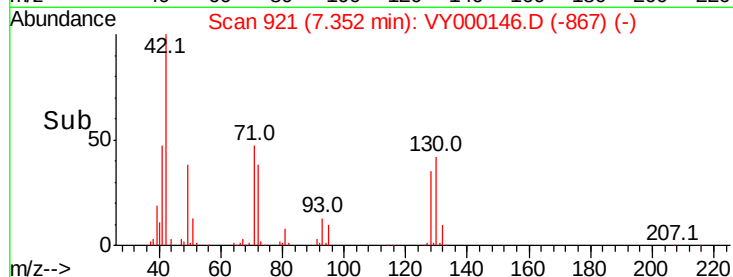
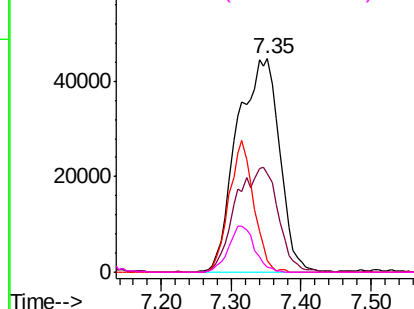
#41
Methacrylonitrile
Concen: 244.177 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.03 min
Lab File: VY000146.D
Acq: 26 Sep 2019 11:57

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 41 Resp: 188765
Ion Ratio Lower Upper
41 100
39 49.0 0.0 0.0#
67 0.0 0.0 0.0
52 0.0 0.0 0.0

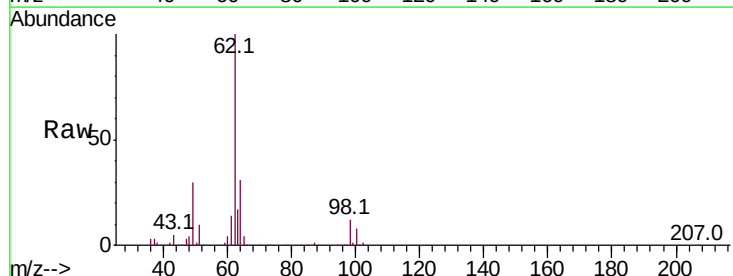


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

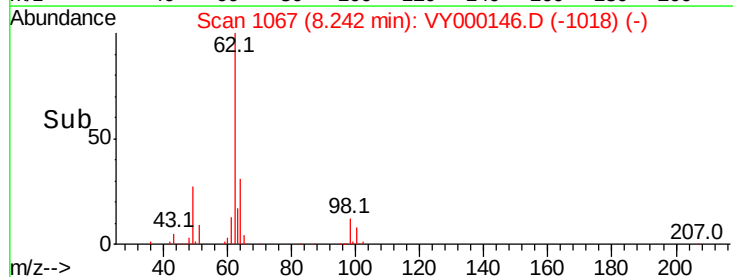
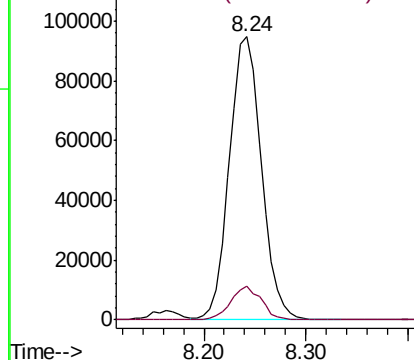


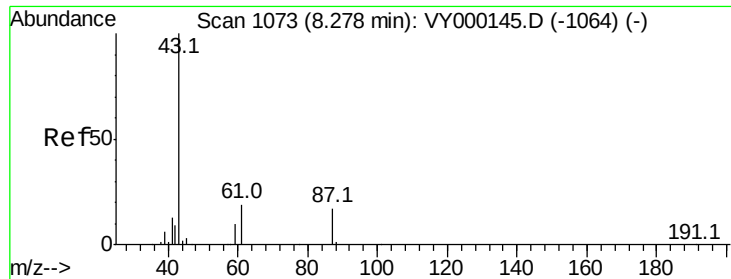
#42
1,2-Dichloroethane
Concen: 99.358 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. 0.00 min
Lab File: VY000146.D
Acq: 26 Sep 2019 11:57

Tgt Ion: 62 Resp: 206111
Ion Ratio Lower Upper
62 100
98 11.4 0.0 24.8



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

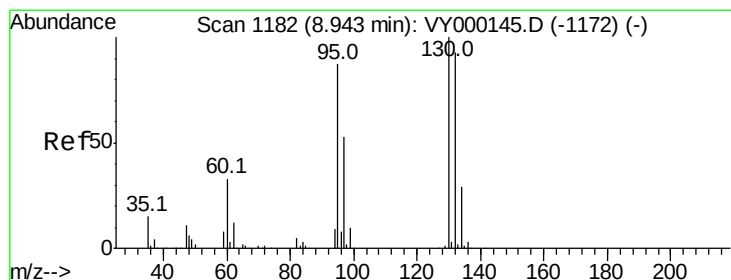
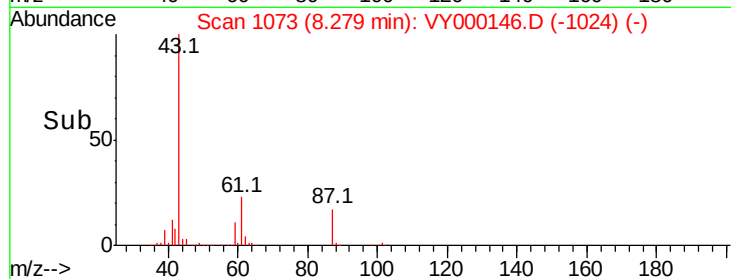
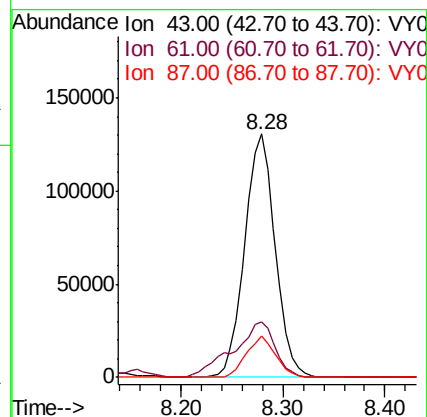
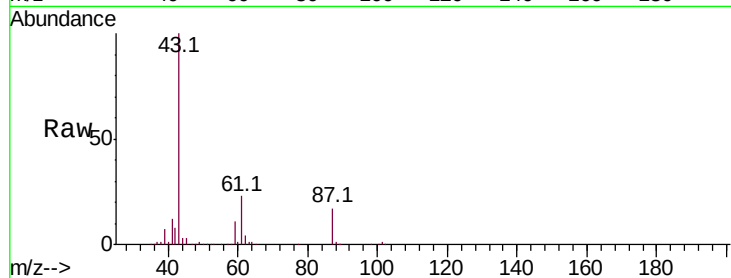




#43
Isopropyl Acetate
Concen: 102.669 ug/l
RT: 8.28 min Scan# 1073
Delta R.T. 0.00 min
Lab File: VY000146.D
Acq: 26 Sep 2019 11:57

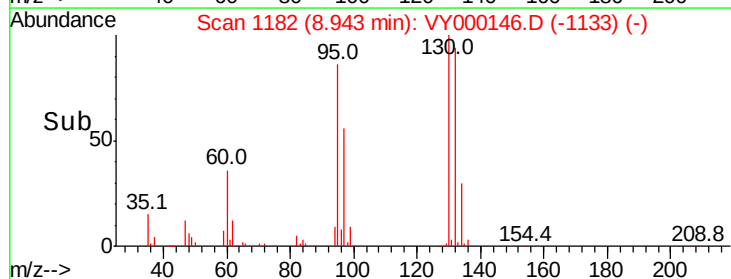
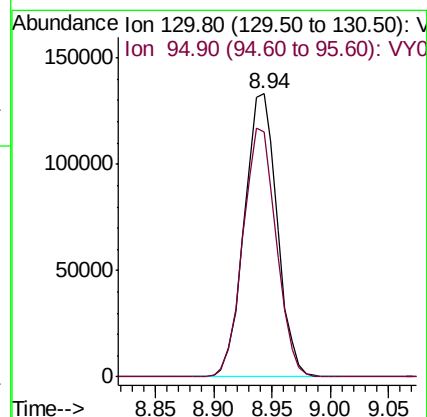
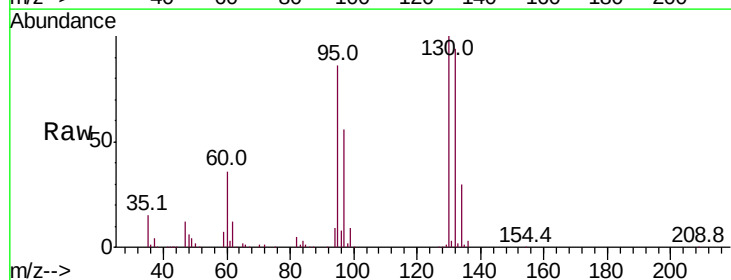
Instrument :
MSVOA_Y
ClientSampleId :

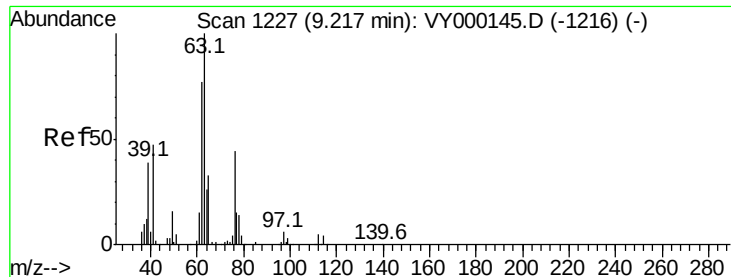
Tot Ion	43	61	87
Resp	270403		
Ratio	100	31.6	16.5
Lower		25.6	13.5
Upper		38.4	20.3



#44
Trichloroethene
Concen: 96.376 ug/l
RT: 8.94 min Scan# 1182
Delta R.T. 0.00 min
Lab File: VY000146.D
Acq: 26 Sep 2019 11:57

Tgt Ion	130	95
Resp	262580	
Ratio	100	86.4
Lower		0.0
Upper		174.8

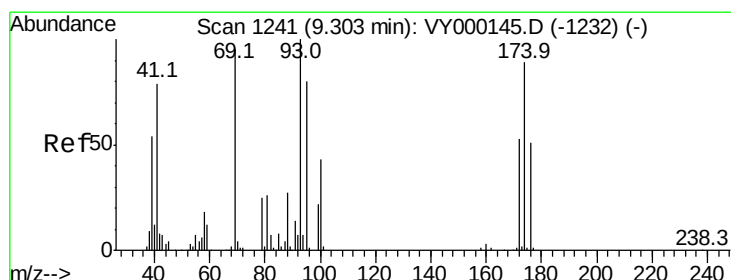
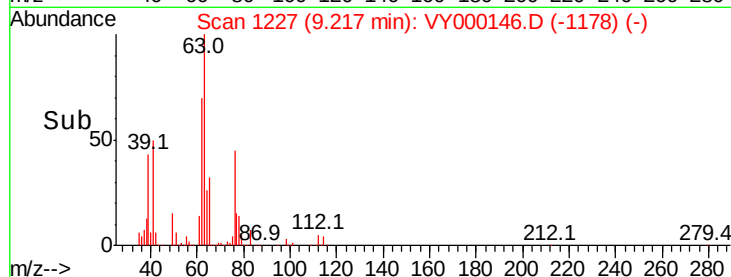
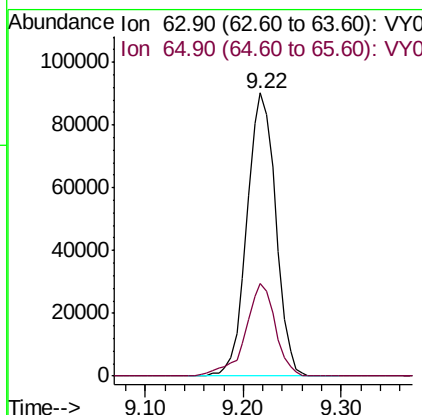
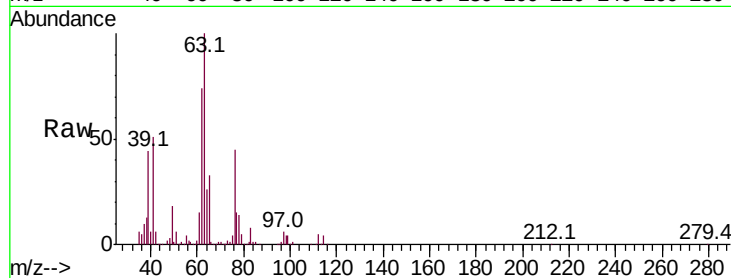




#45
 1,2-Dichloropropane
 Concen: 98.018 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. 0.00 min
 Lab File: VY000146.D
 Acq: 26 Sep 2019 11:57

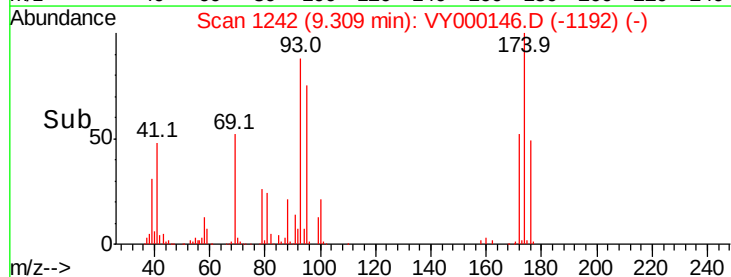
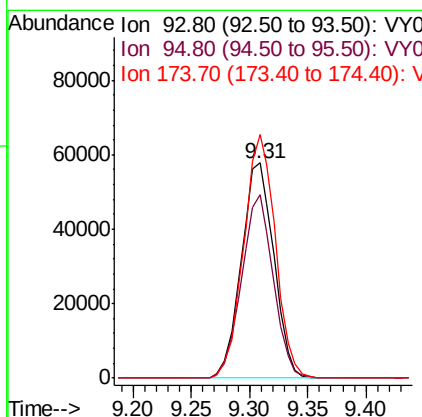
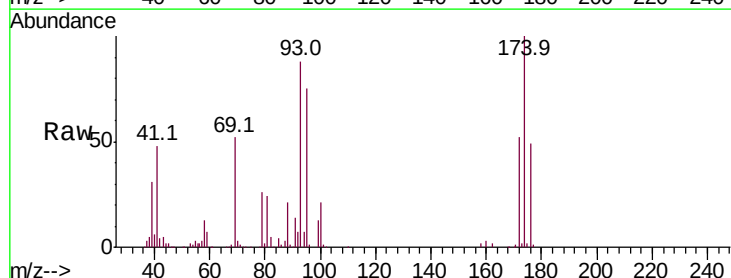
Instrument :
 MSVOA_Y
 ClientSampled :

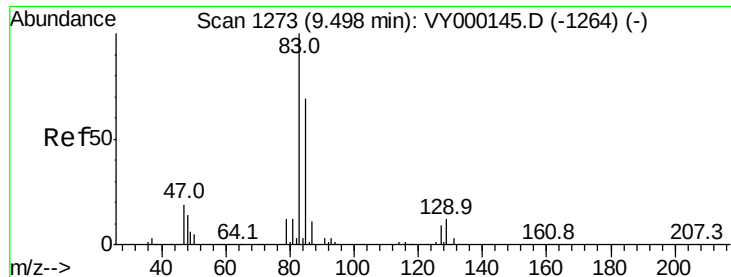
Tot Ion: 63 Resp: 184351
 Ion Ratio Lower Upper
 63 100
 65 32.6 26.8 40.2



#46
 Dibromomethane
 Concen: 98.149 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. 0.01 min
 Lab File: VY000146.D
 Acq: 26 Sep 2019 11:57

Tgt Ion: 93 Resp: 112657
 Ion Ratio Lower Upper
 93 100
 95 83.1 66.3 99.5
 174 110.3 87.3 130.9





#47

Bromodichloromethane

Concen: 98.719 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VY000146.D

Acq: 26 Sep 2019 11:57

Instrument :
MSVOA_Y
ClientSampleId :

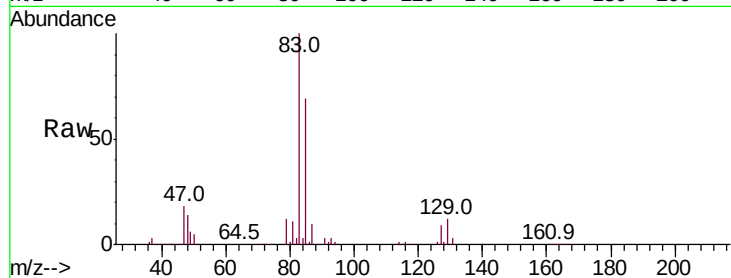
Tot Ion: 83 Resp: 255410

Ion Ratio Lower Upper

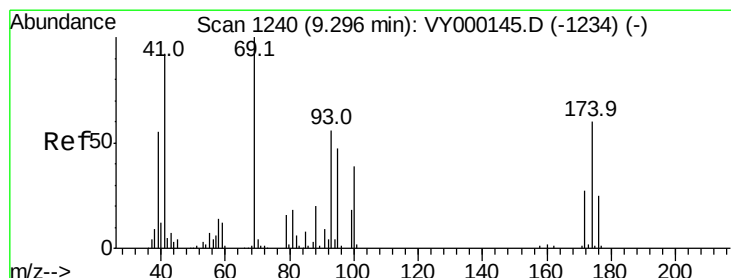
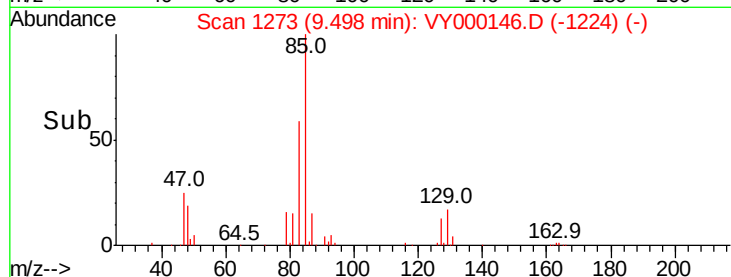
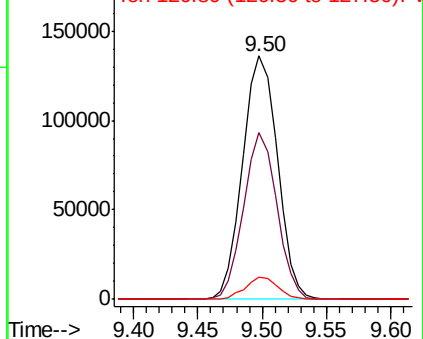
83 100

85 68.6 55.1 82.7

127 8.9 6.9 10.3



Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 84.90 (84.60 to 85.60): VY0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 100.088 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VY000146.D

Acq: 26 Sep 2019 11:57

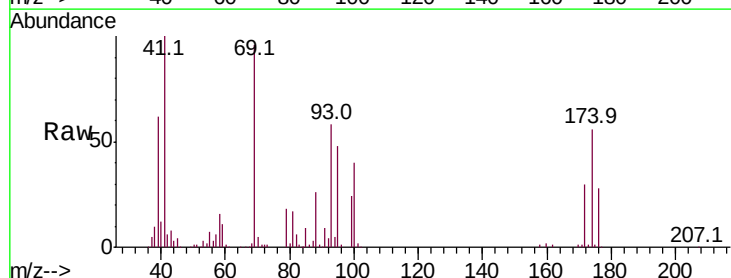
Tgt Ion: 41 Resp: 118039

Ion Ratio Lower Upper

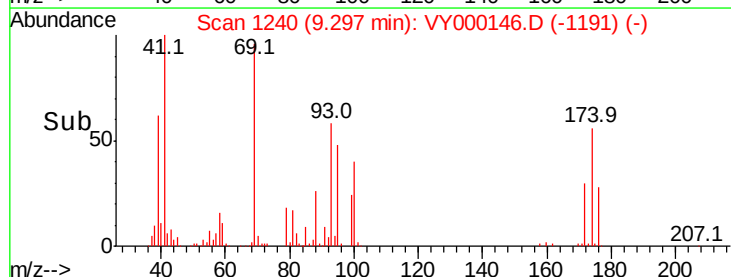
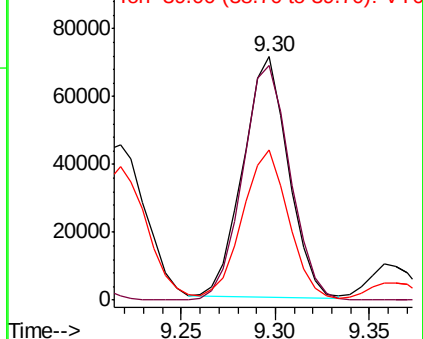
41 100

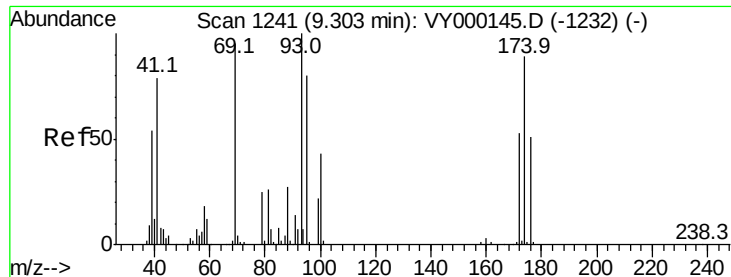
69 102.5 86.5 129.7

39 64.3 51.0 76.6



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: 2032.388 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. -0.01 min

Lab File: VY000146.D

Acq: 26 Sep 2019 11:57

Instrument :
MSVOA_Y
ClientSampled :

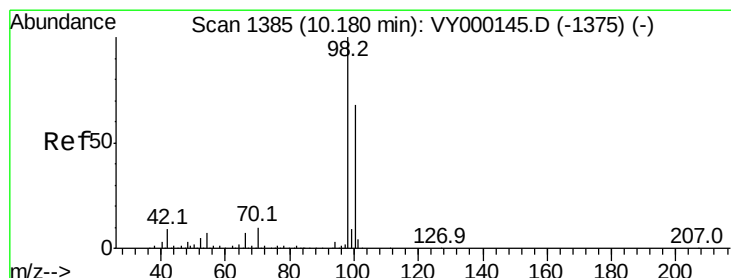
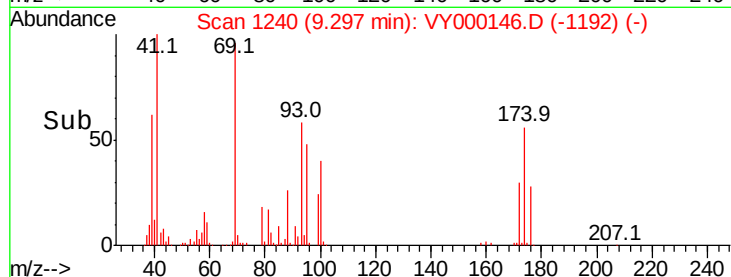
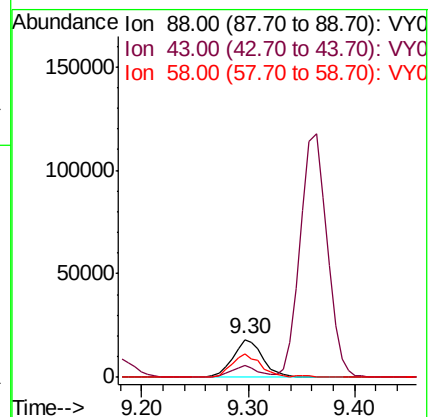
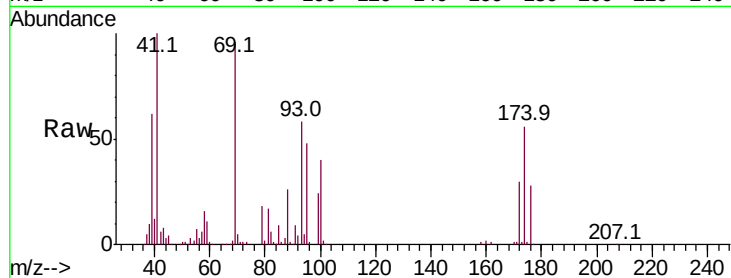
Tot Ion: 88 Resp: 36041

Ion Ratio Lower Upper

88 100

43 26.7 24.4 36.6

58 58.9 49.2 73.8



#50

Toluene-d8

Concen: 100.154 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY000146.D

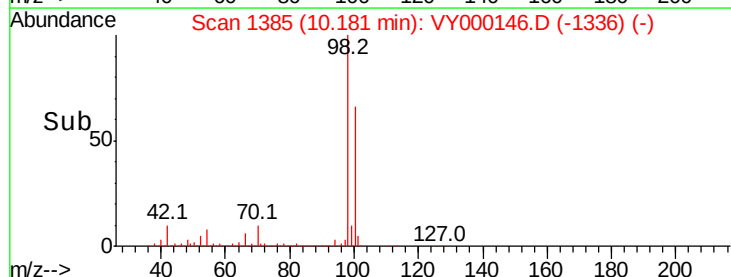
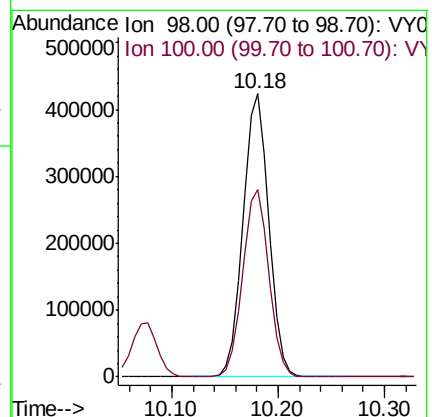
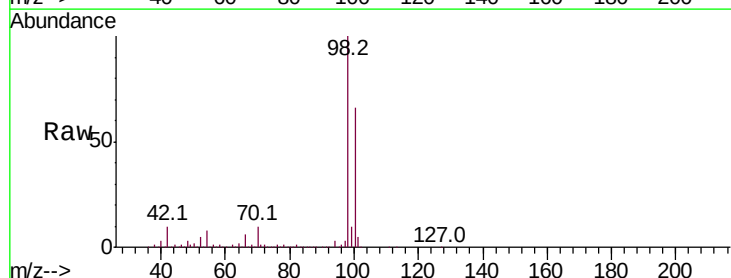
Acq: 26 Sep 2019 11:57

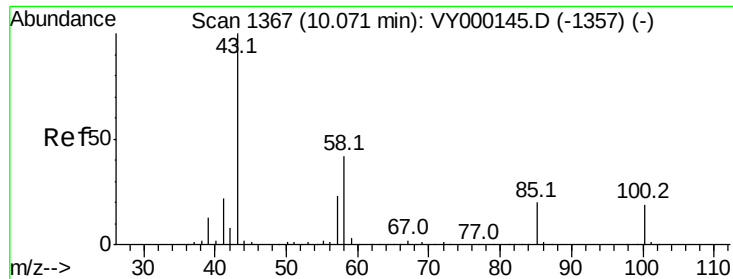
Tgt Ion: 98 Resp: 720858

Ion Ratio Lower Upper

98 100

100 67.1 54.2 81.2





#51

4-Methyl-2-Pentanone

Concen: 524.302 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. 0.00 min

Lab File: VY000146.D

Acq: 26 Sep 2019 11:57

Instrument :

MSVOA_Y

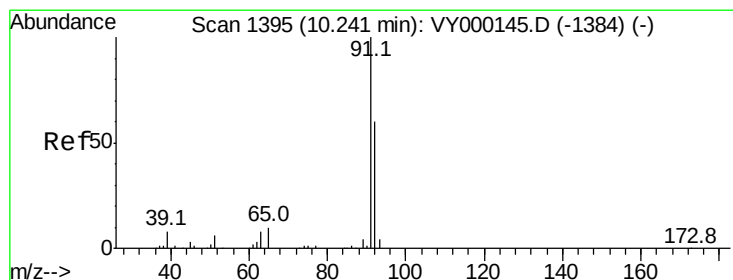
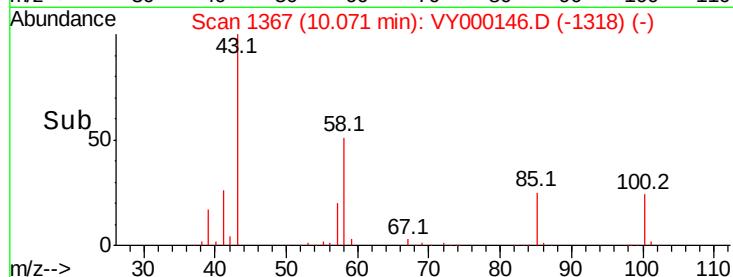
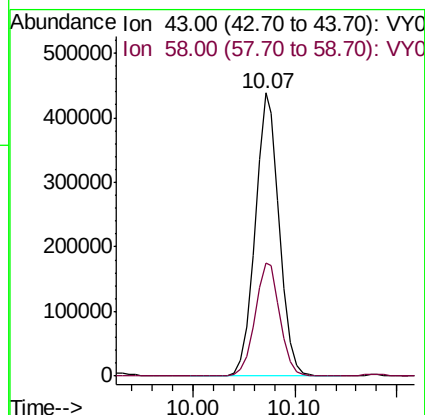
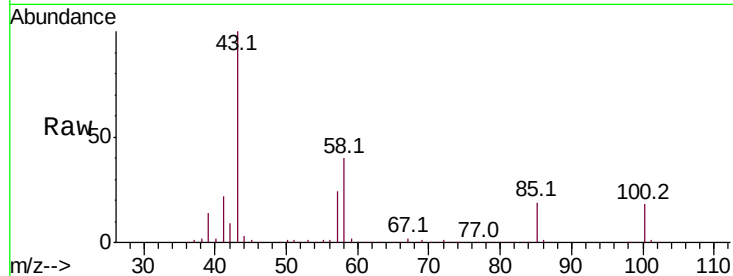
ClientSampled :

Tot Ion: 43 Resp: 716728

Ion Ratio Lower Upper

43 100

58 41.2 33.6 50.4



#52

Toluene

Concen: 95.713 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. 0.00 min

Lab File: VY000146.D

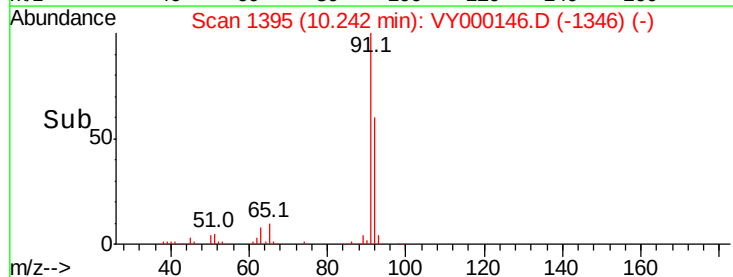
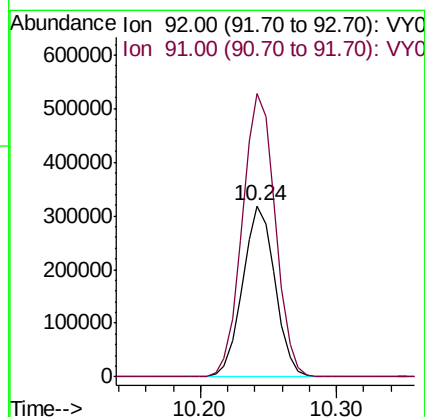
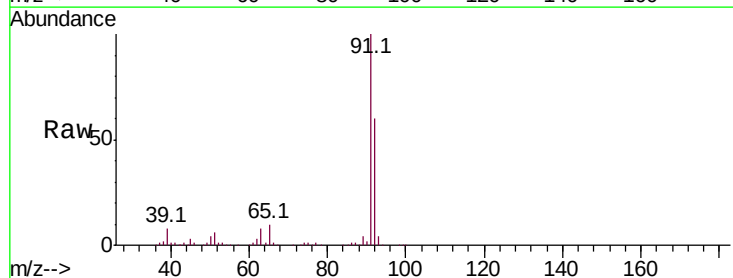
Acq: 26 Sep 2019 11:57

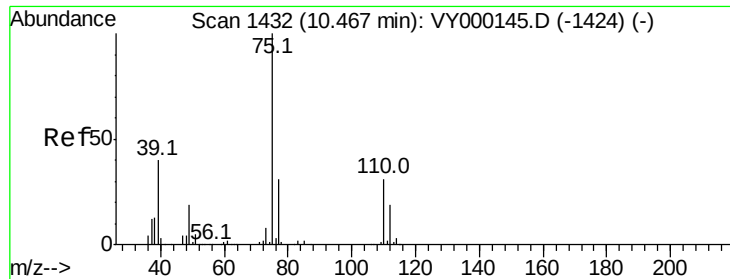
Tgt Ion: 92 Resp: 528480

Ion Ratio Lower Upper

92 100

91 169.1 134.6 201.8

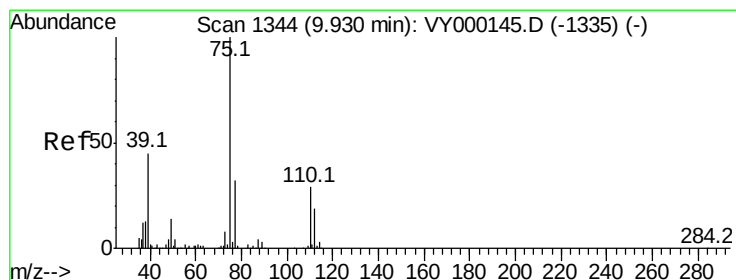
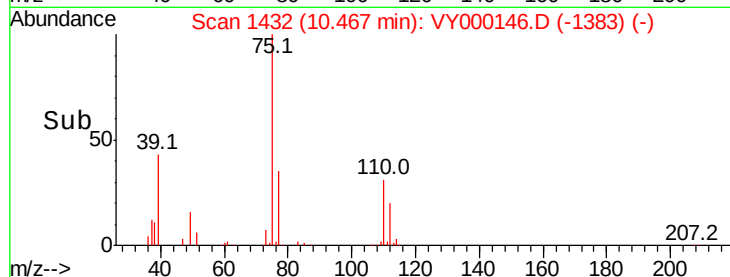
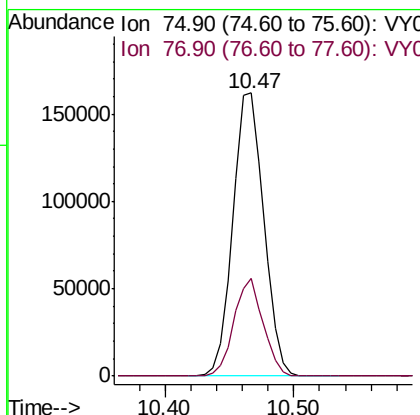
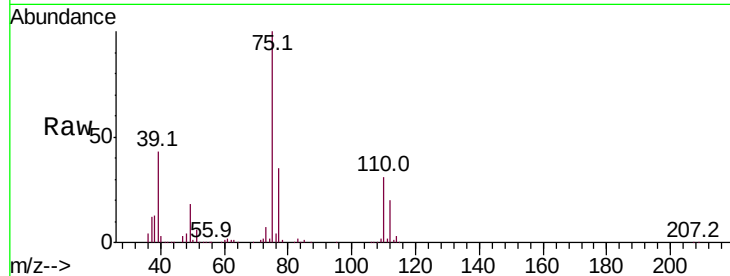




#53
 t-1,3-Dichloropropene
 Concen: 99.528 ug/l
 RT: 10.47 min Scan# 1432
 Delta R.T. 0.00 min
 Lab File: VY000146.D
 Acq: 26 Sep 2019 11:57

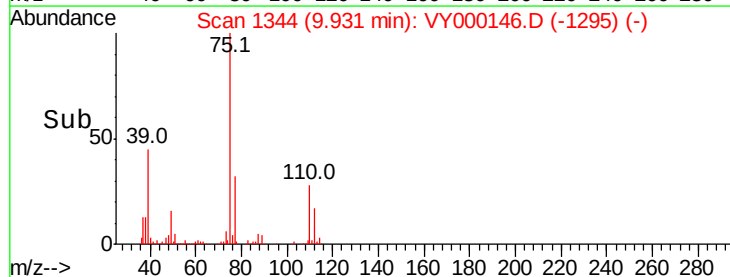
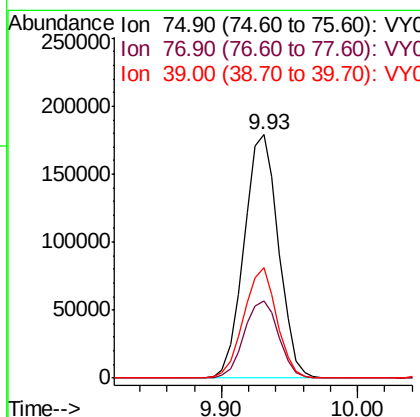
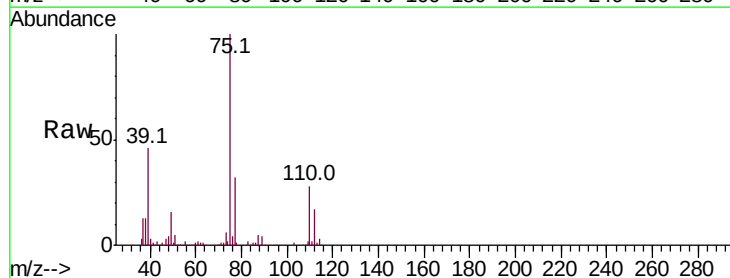
Instrument :
 MSVOA_Y
 ClientSampled :

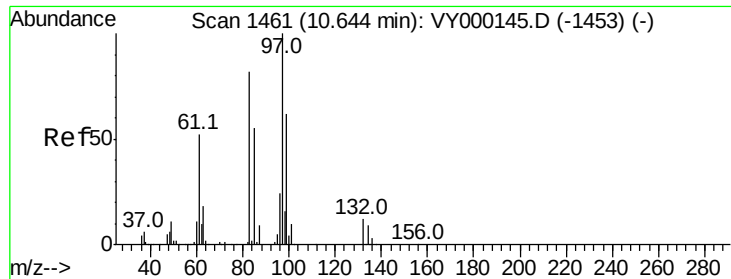
Tot Ion: 75 Resp: 270489
 Ion Ratio Lower Upper
 75 100
 77 34.7 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 98.510 ug/l
 RT: 9.93 min Scan# 1344
 Delta R.T. 0.00 min
 Lab File: VY000146.D
 Acq: 26 Sep 2019 11:57

Tgt Ion: 75 Resp: 317276
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.4 38.0
 39 45.5 35.8 53.6





#55

1,1,2-Trichloroethane

Concen: 97.437 ug/l

RT: 10.64 min Scan# 1461

Delta R.T. 0.00 min

Lab File: VY000146.D

Acq: 26 Sep 2019 11:57

Instrument :

MSVOA_Y

ClientSampleId :

Tot Ion: 97 Resp: 166296

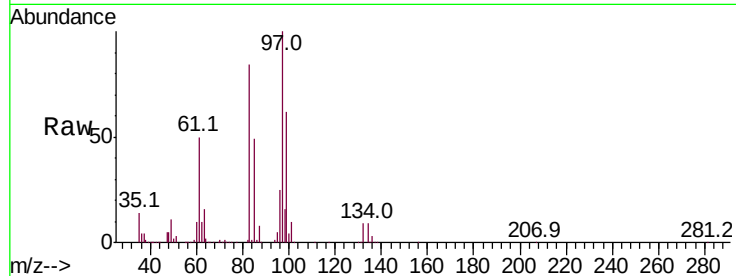
Ion Ratio Lower Upper

97 100

83 84.3 65.7 98.5

85 48.9 44.1 66.1

99 62.0 49.4 74.2

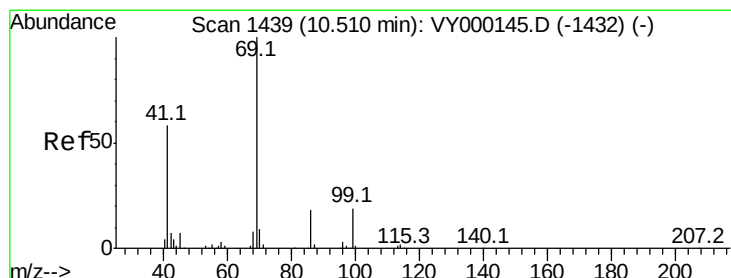
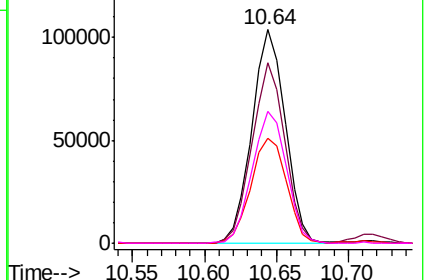
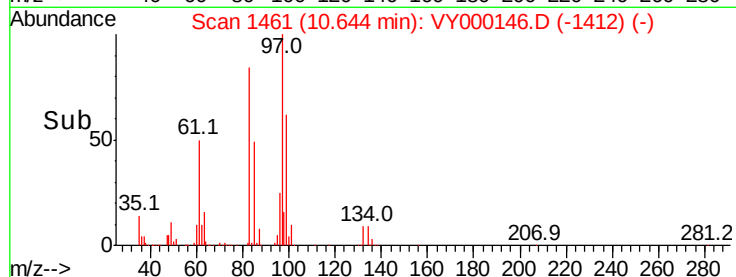


Abundance Ion 96.90 (96.60 to 97.60): VY0

Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

Ion 98.90 (98.60 to 99.60): VY0



#56

Ethyl methacrylate

Concen: 102.158 ug/l

RT: 10.51 min Scan# 1439

Delta R.T. 0.00 min

Lab File: VY000146.D

Acq: 26 Sep 2019 11:57

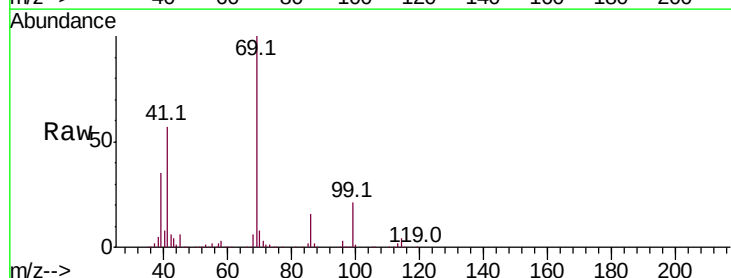
Tgt Ion: 69 Resp: 226798

Ion Ratio Lower Upper

69 100

41 58.2 45.8 68.8

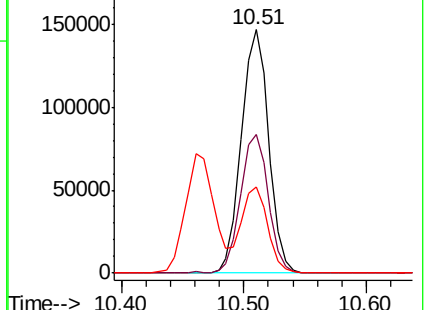
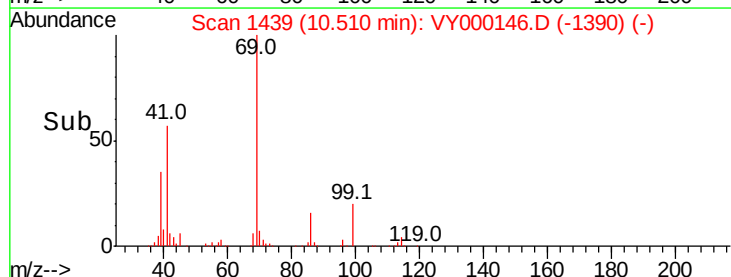
39 35.1 27.8 41.8

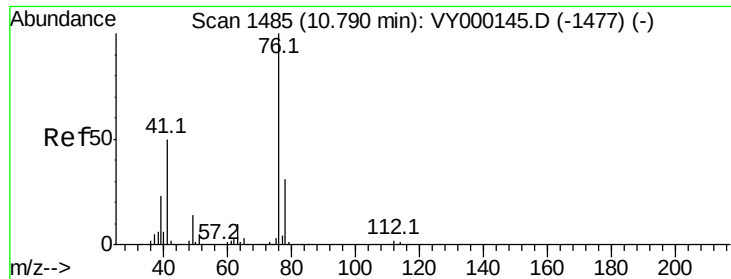


Abundance Ion 69.00 (68.70 to 69.70): VY0

Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0





#57

1,3-Dichloropropane

Concen: 97.811 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VY000146.D

Acq: 26 Sep 2019 11:57

Instrument :

MSVOA_Y

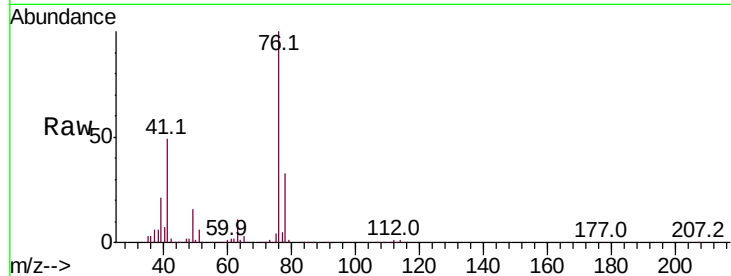
ClientSampleId :

Tot Ion: 76 Resp: 268258

Ion Ratio Lower Upper

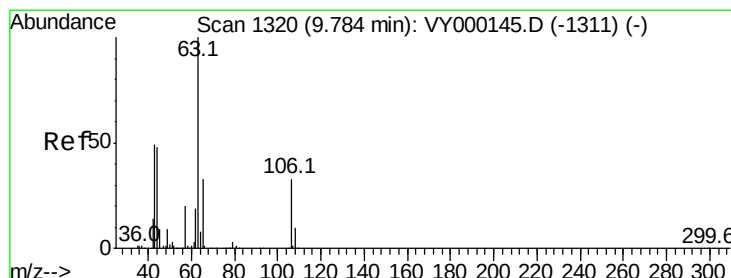
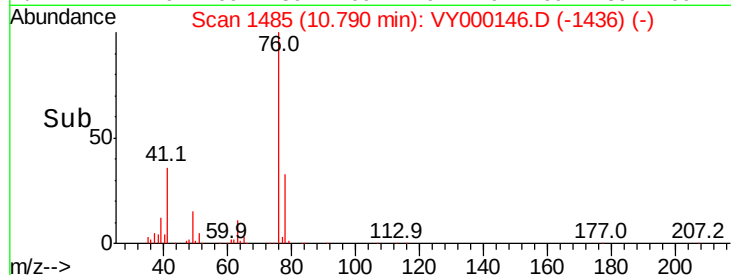
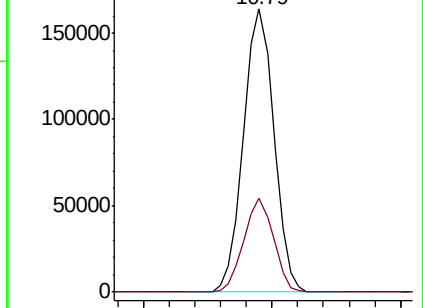
76 100

78 32.2 25.4 38.0



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#58

2-Chloroethyl Vinyl ether

Concen: 531.498 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. 0.00 min

Lab File: VY000146.D

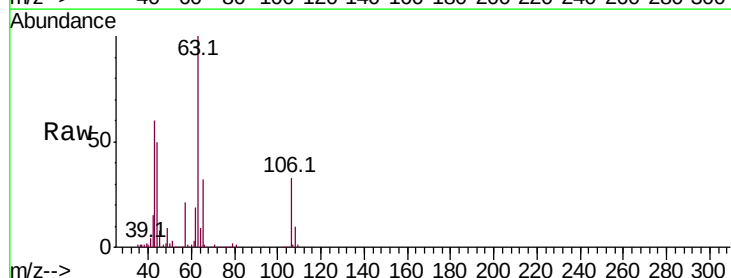
Acq: 26 Sep 2019 11:57

Tgt Ion: 63 Resp: 554217

Ion Ratio Lower Upper

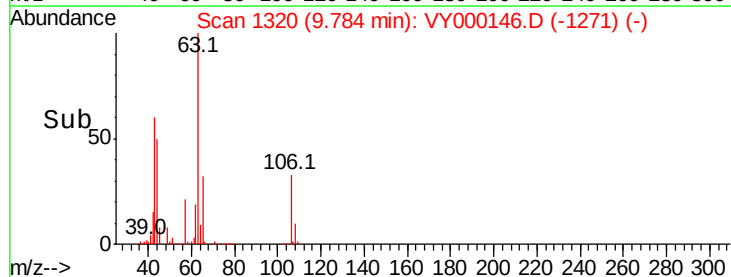
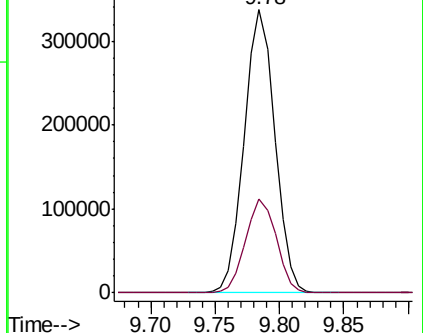
63 100

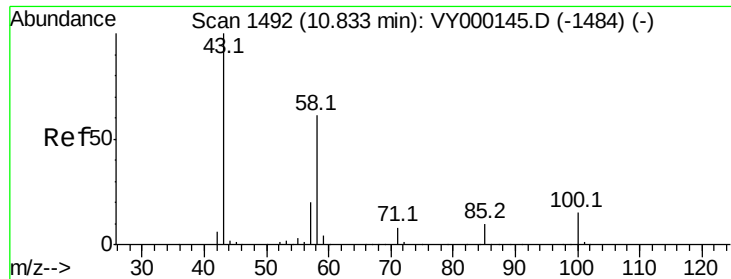
106 33.4 27.0 40.6



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

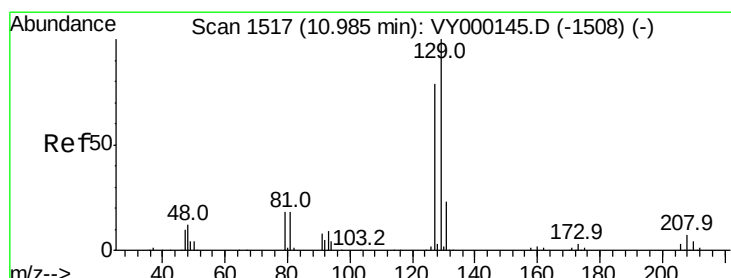
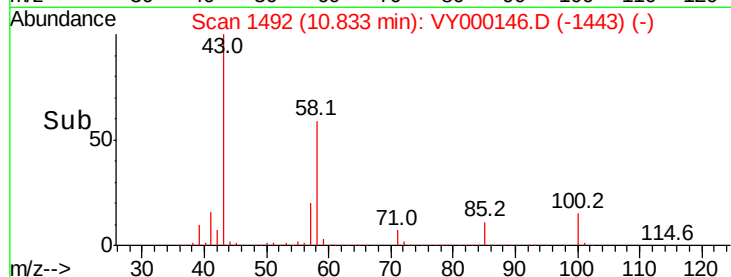
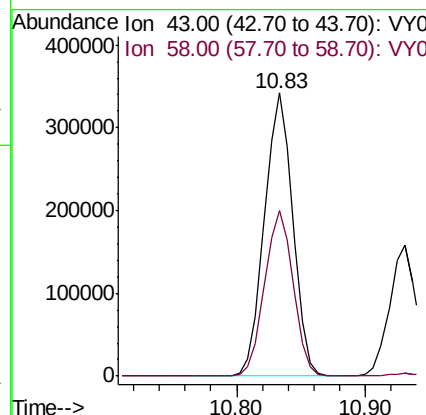
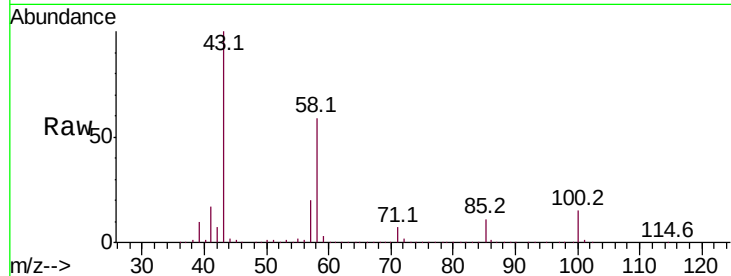




#59
2-Hexanone
Concen: 535.974 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY000146.D
Acq: 26 Sep 2019 11:57

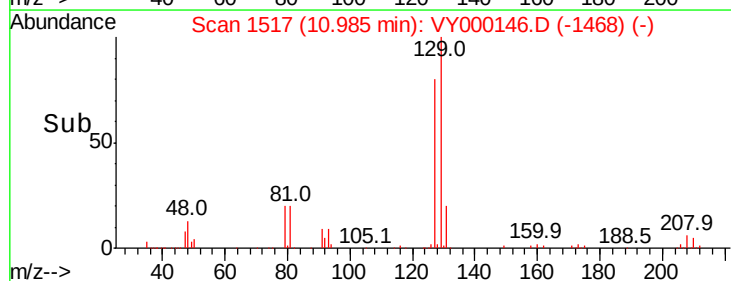
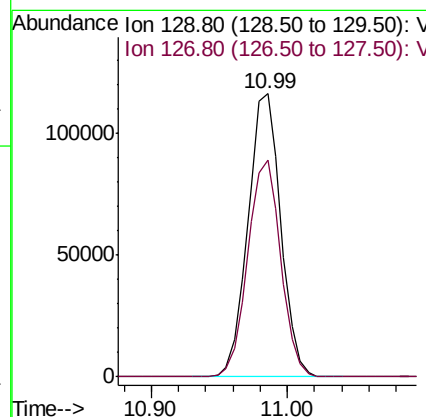
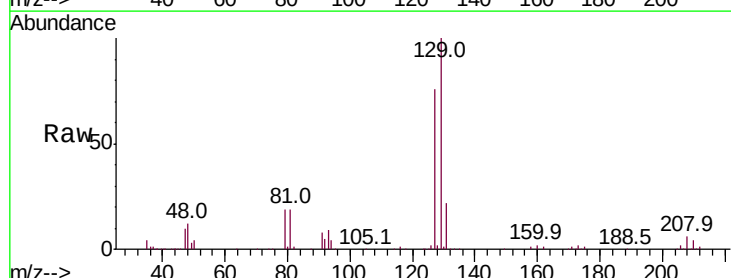
Instrument :
MSVOA_Y
ClientSampled :

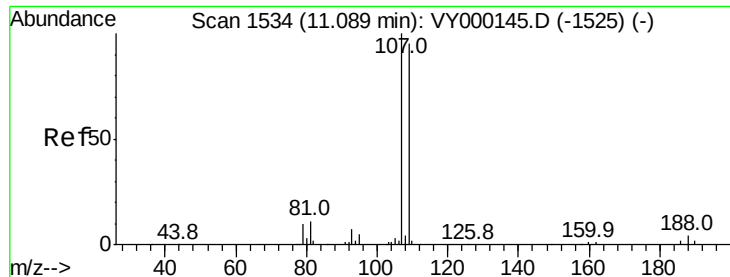
Tot Ion: 43 Resp: 520741
Ion Ratio Lower Upper
43 100
58 58.7 29.5 88.5



#60
Dibromochloromethane
Concen: 101.798 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY000146.D
Acq: 26 Sep 2019 11:57

Tgt Ion: 129 Resp: 196401
Ion Ratio Lower Upper
129 100
127 76.8 39.4 118.1





#61

1,2-Dibromoethane

Concen: 98.845 ug/l

RT: 11.09 min Scan# 1534

Delta R.T. 0.00 min

Lab File: VY000146.D

Acq: 26 Sep 2019 11:57

Instrument :

MSVOA_Y

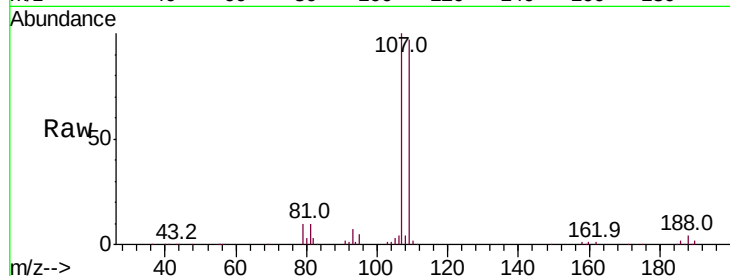
ClientSampled :

Tot Ion: 107 Resp: 160983

Ion Ratio Lower Upper

107 100

109 95.7 75.8 113.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.09

100000

80000

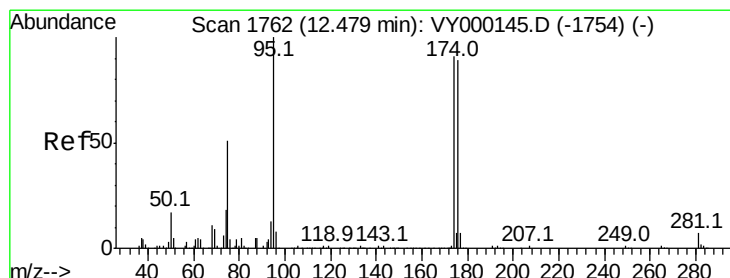
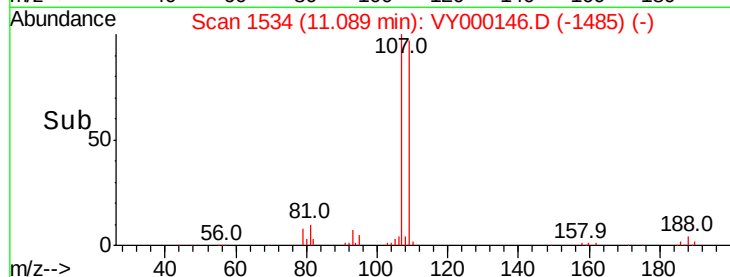
60000

40000

20000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 91.897 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY000146.D

Acq: 26 Sep 2019 11:57

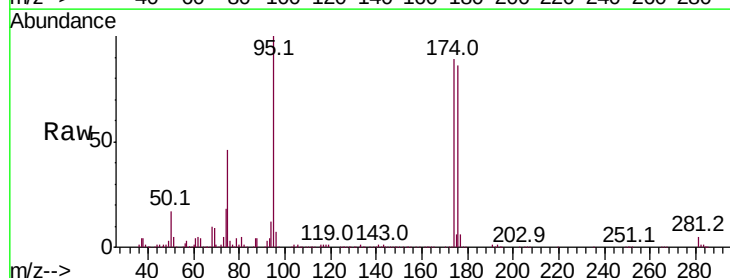
Tgt Ion: 95 Resp: 241084

Ion Ratio Lower Upper

95 100

174 89.7 0.0 180.6

176 86.3 0.0 171.6



Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

200000

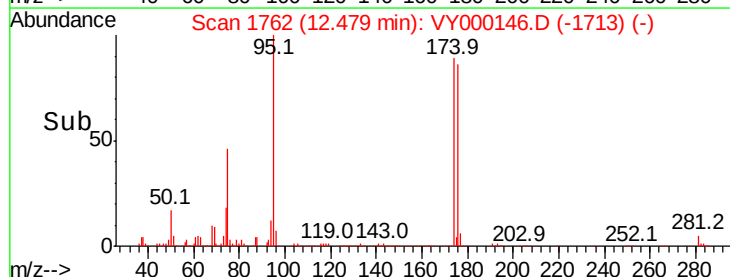
150000

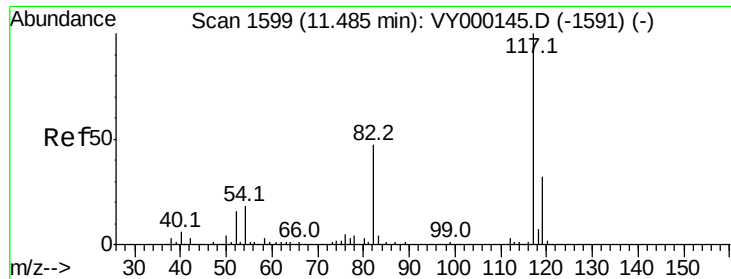
100000

50000

0

Time-->

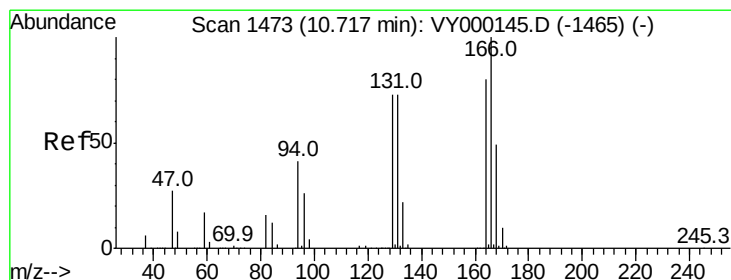
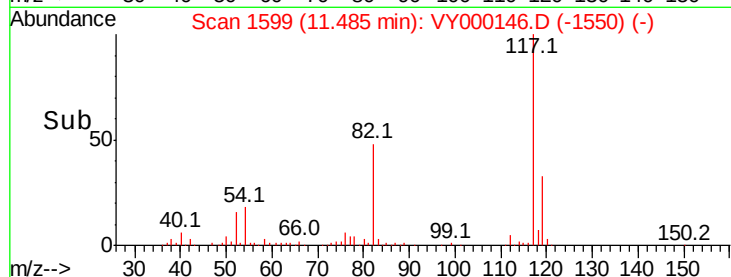
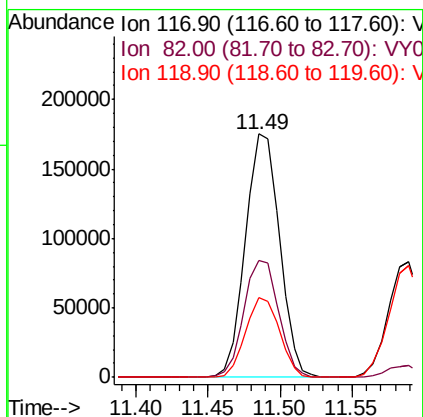
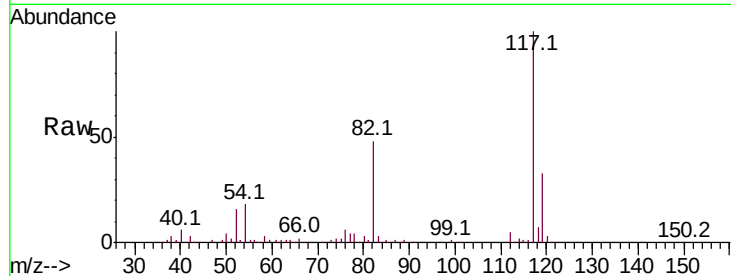




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VY000146.D
Acq: 26 Sep 2019 11:57

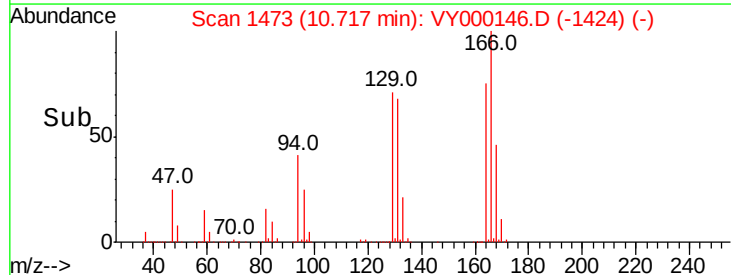
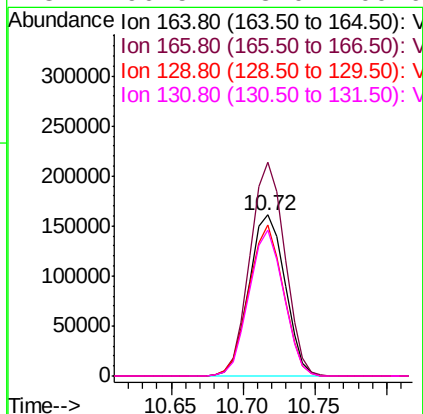
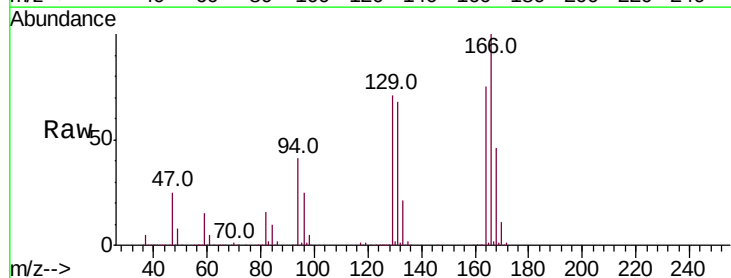
Instrument :
MSVOA_Y
ClientSampled :

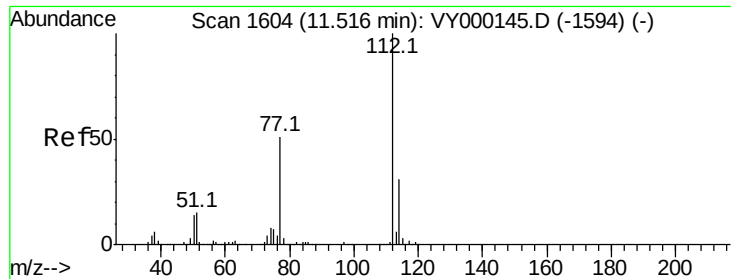
Tot Ion:117 Resp: 287938
Ion Ratio Lower Upper
117 100
82 48.1 37.7 56.5
119 32.8 25.4 38.2



#64
Tetrachloroethene
Concen: 97.725 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY000146.D
Acq: 26 Sep 2019 11:57

Tgt Ion:164 Resp: 278745
Ion Ratio Lower Upper
164 100
166 132.7 99.5 149.3
129 94.0 72.8 109.2
131 90.5 73.0 109.6





#65

Chlorobenzene

Concen: 95.096 ug/l

RT: 11.52 min Scan# 1604

Delta R.T. 0.00 min

Lab File: VY000146.D

Acq: 26 Sep 2019 11:57

Instrument :

MSVOA_Y

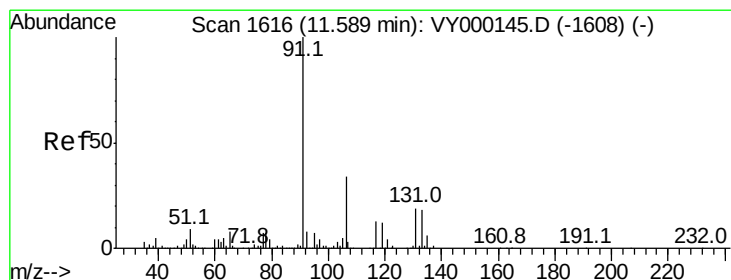
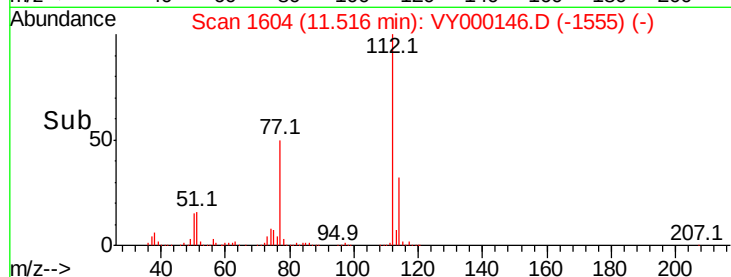
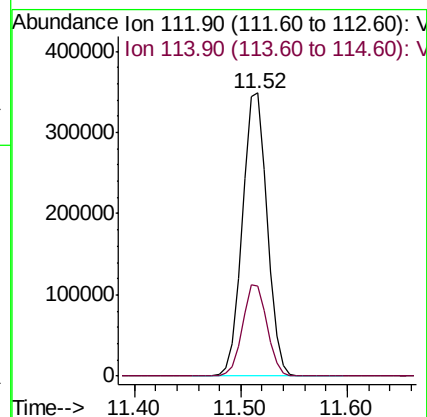
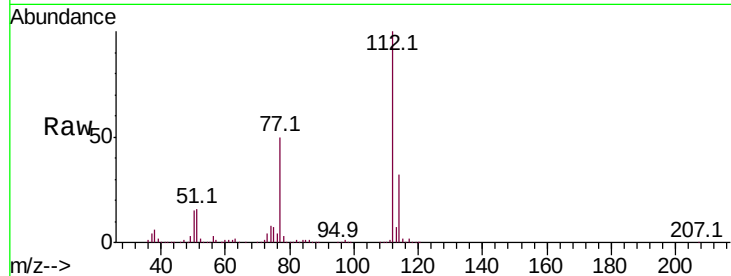
ClientSampleId :

Tot Ion:112 Resp: 569822

Ion Ratio Lower Upper

112 100

114 32.0 25.1 37.7



#66

1,1,1,2-Tetrachloroethane

Concen: 97.688 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. 0.00 min

Lab File: VY000146.D

Acq: 26 Sep 2019 11:57

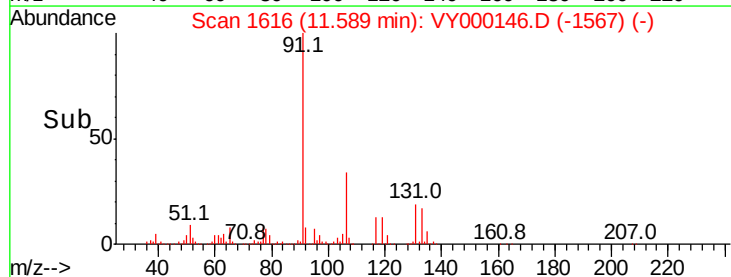
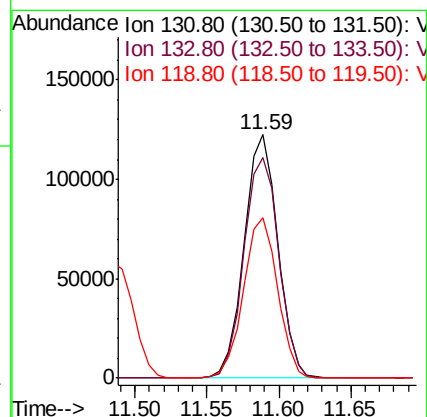
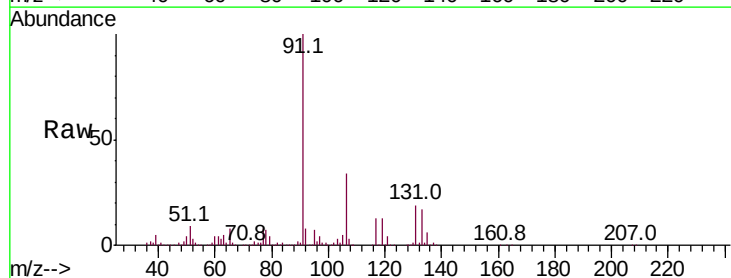
Tgt Ion:131 Resp: 197797

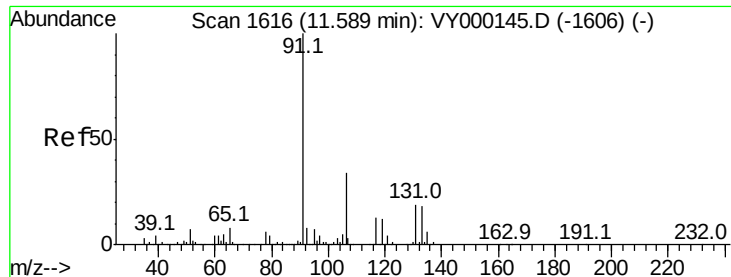
Ion Ratio Lower Upper

131 100

133 94.2 47.2 141.6

119 67.1 32.3 96.9





#67

Ethyl Benzene

Concen: 95.735 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. 0.00 min

Lab File: VY000146.D

Acq: 26 Sep 2019 11:57

Instrument :

MSVOA_Y

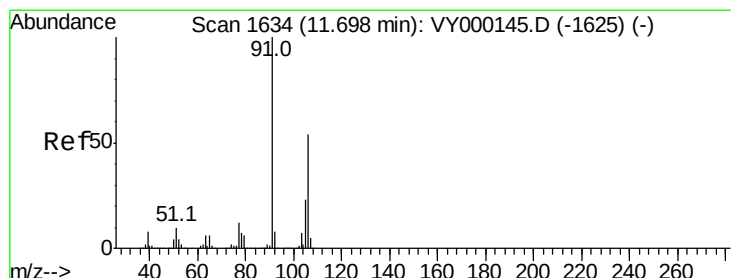
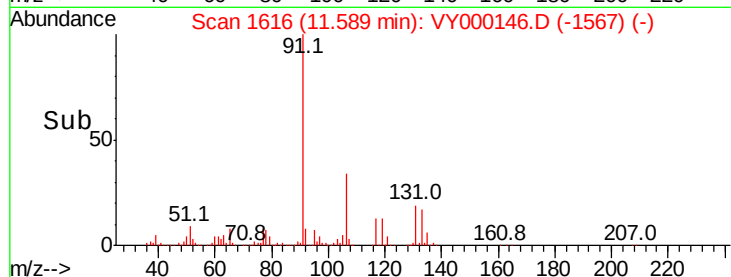
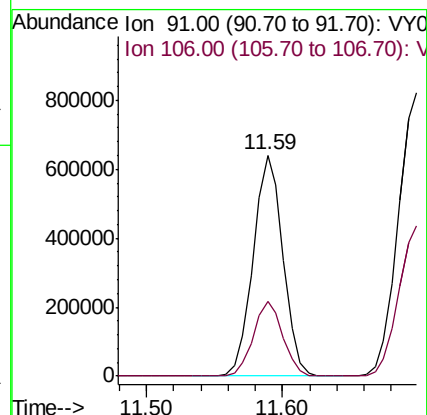
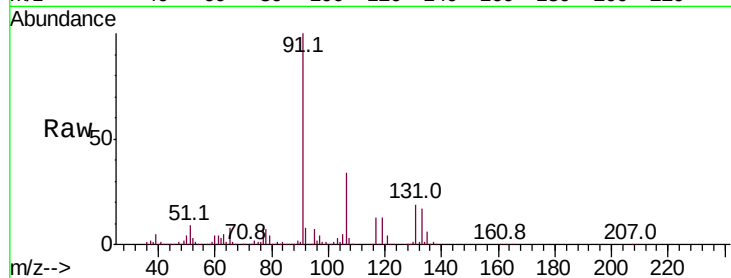
ClientSampleId :

Tot Ion: 91 Resp: 980589

Ion Ratio Lower Upper

91 100

106 33.9 27.3 40.9



#68

m/p-Xylenes

Concen: 189.743 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. 0.00 min

Lab File: VY000146.D

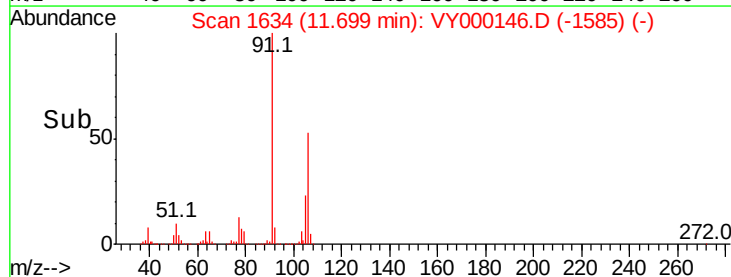
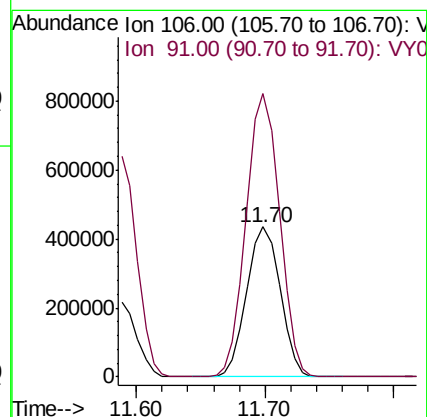
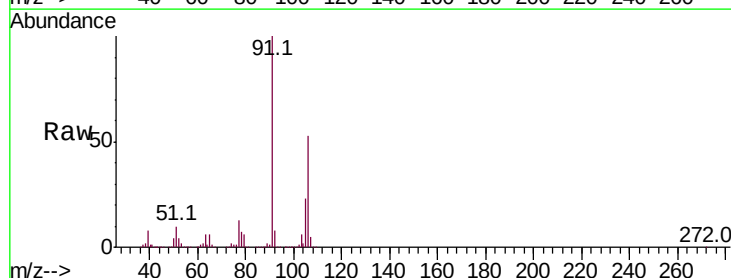
Acq: 26 Sep 2019 11:57

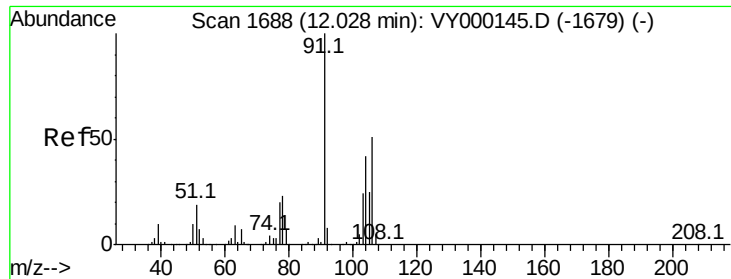
Tgt Ion: 106 Resp: 785674

Ion Ratio Lower Upper

106 100

91 188.5 148.6 223.0

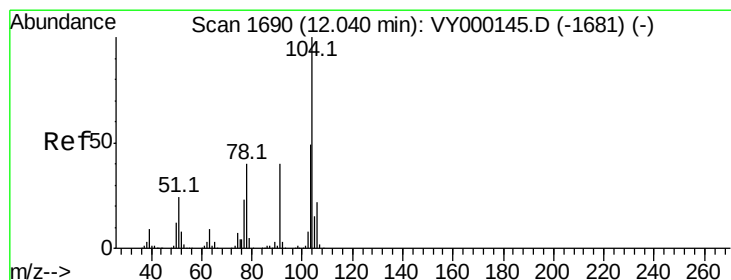
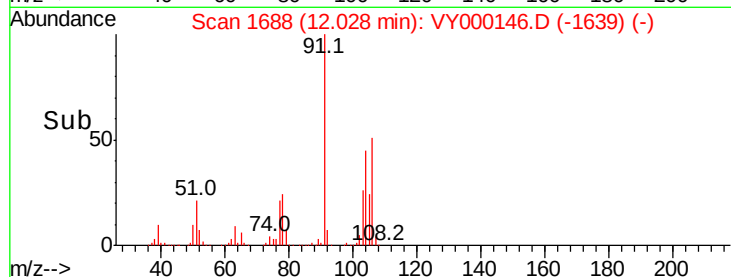
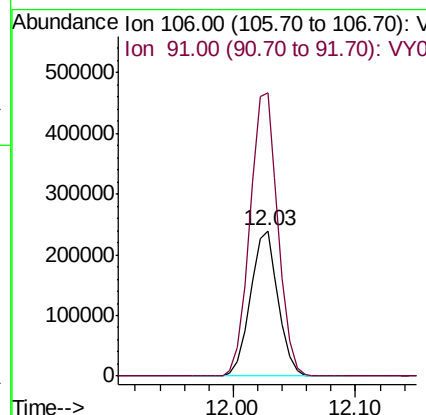
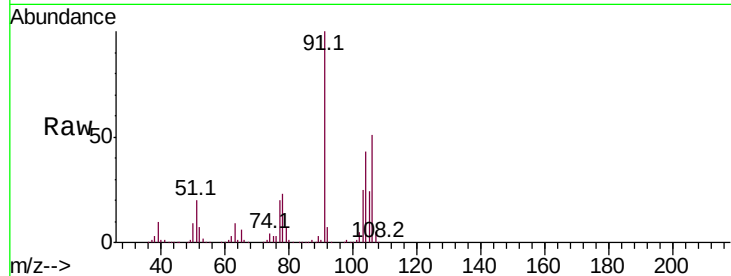




#69
o-Xylene
Concen: 94.808 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY000146.D
Acq: 26 Sep 2019 11:57

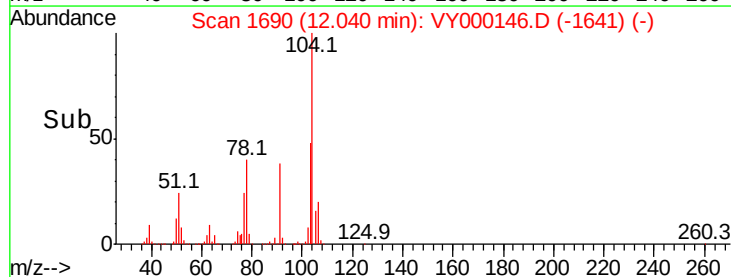
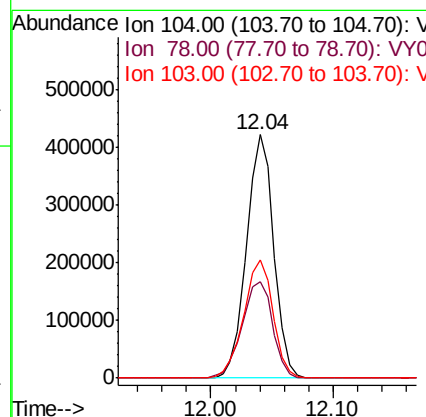
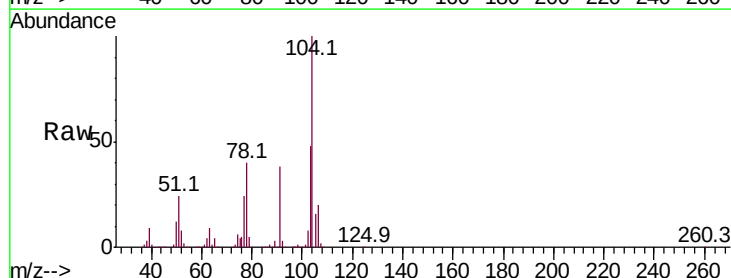
Instrument :
MSVOA_Y
ClientSampleId :

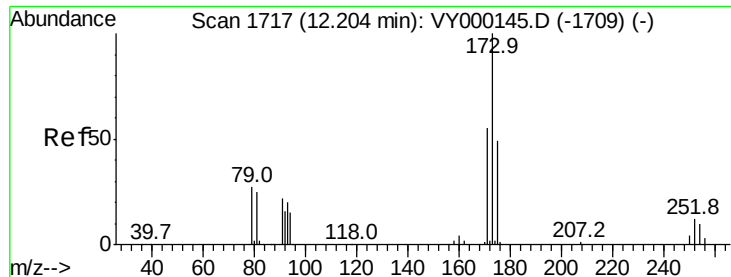
Tot Ion:106 Resp: 374409
Ion Ratio Lower Upper
106 100
91 197.5 98.0 293.9



#70
Styrene
Concen: 97.247 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY000146.D
Acq: 26 Sep 2019 11:57

Tgt Ion:104 Resp: 649936
Ion Ratio Lower Upper
104 100
78 44.7 34.7 52.1
103 52.3 41.6 62.4





#71

Bromoform

Concen: 105.063 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VY000146.D

Acq: 26 Sep 2019 11:57

Instrument :

MSVOA_Y

ClientSampled :

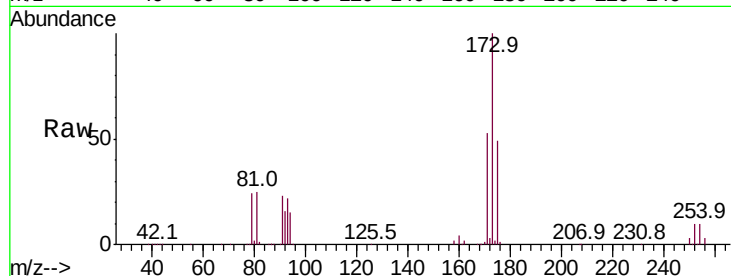
Tot Ion:173 Resp: 125008

Ion Ratio Lower Upper

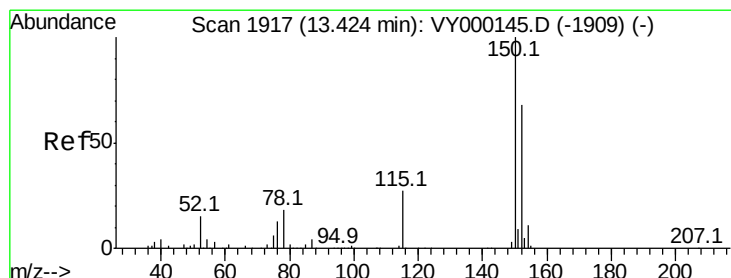
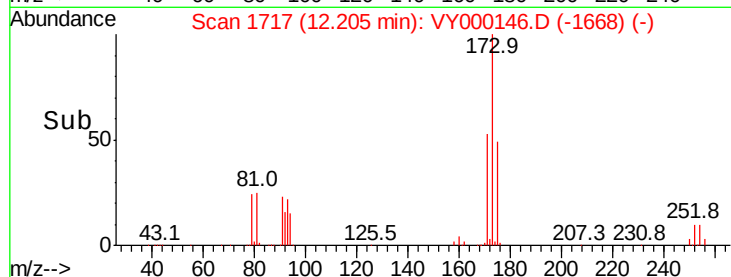
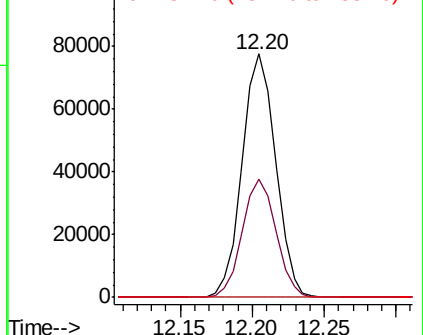
173 100

175 48.8 23.5 70.6

254 0.1 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. 0.00 min

Lab File: VY000146.D

Acq: 26 Sep 2019 11:57

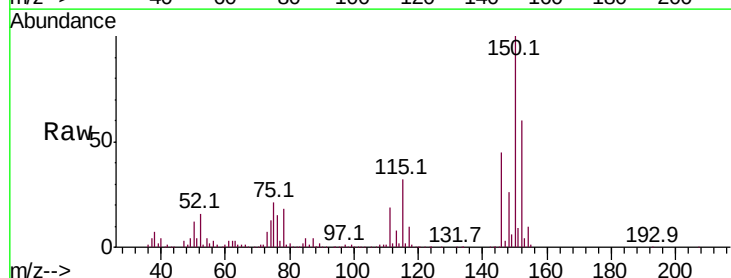
Tgt Ion:152 Resp: 138055

Ion Ratio Lower Upper

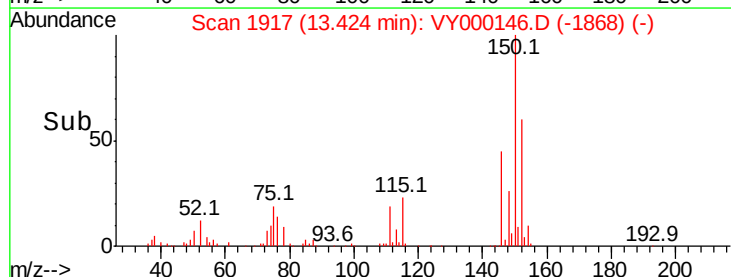
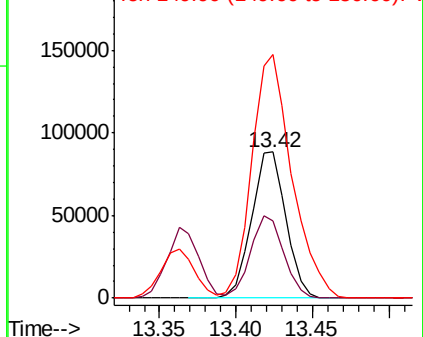
152 100

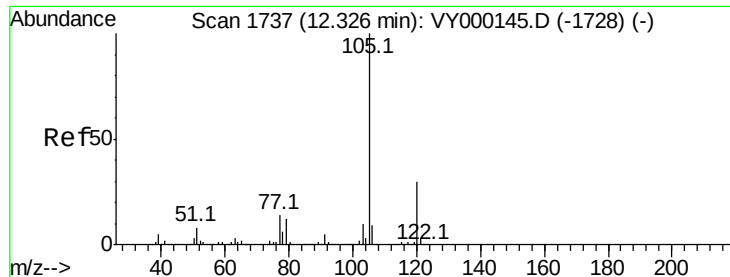
115 54.4 26.8 80.4

150 194.6 0.0 347.8



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: 96.565 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY000146.D

Acq: 26 Sep 2019 11:57

Instrument :

MSVOA_Y

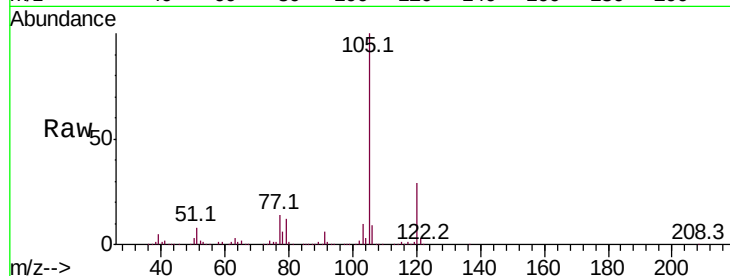
ClientSampleId :

Tot Ion:105 Resp: 961846

Ion Ratio Lower Upper

105 100

120 29.2 14.7 44.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.33

600000

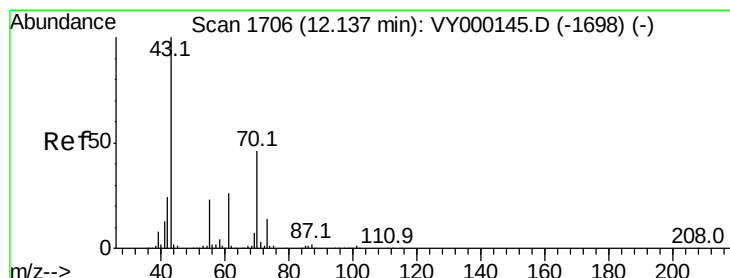
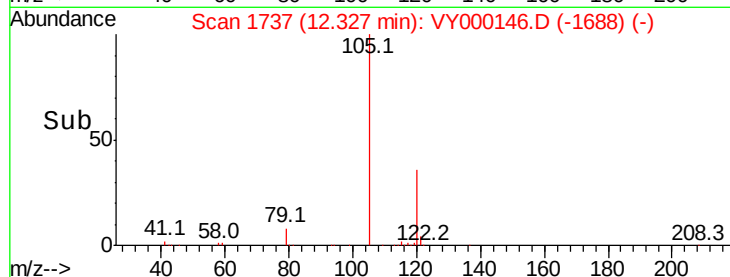
400000

200000

0

12.25 12.30 12.35 12.40

Time-->



#74

N-ethyl acetate

Concen: 104.147 ug/l

RT: 12.14 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VY000146.D

Acq: 26 Sep 2019 11:57

Tgt Ion: 43 Resp: 251101

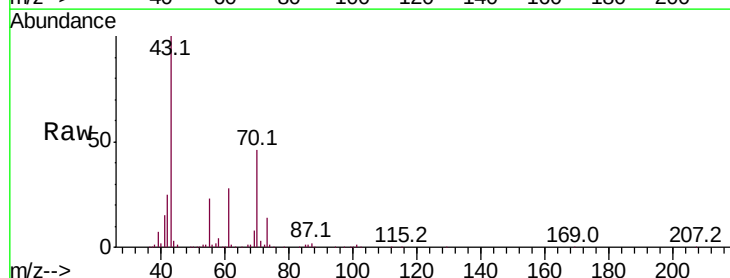
Ion Ratio Lower Upper

43 100

70 46.3 37.3 55.9

55 22.9 18.6 27.8

61 26.7 21.0 31.4



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

250000

200000

150000

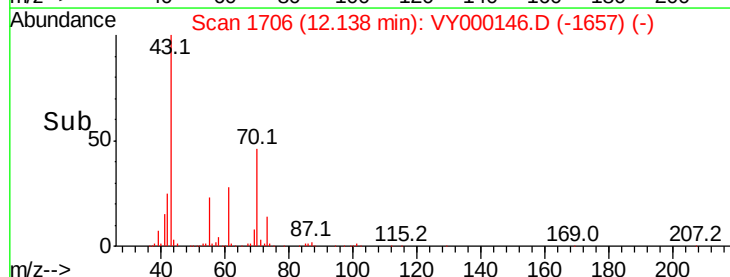
100000

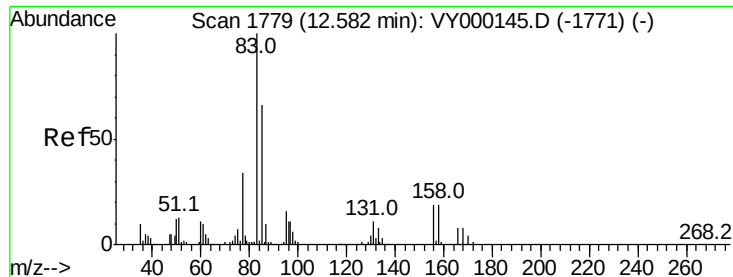
50000

0

12.10 12.20

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 91.846 ug/l

RT: 12.58 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VY000146.D

Acq: 26 Sep 2019 11:57

Instrument :

MSVOA_Y

ClientSampled :

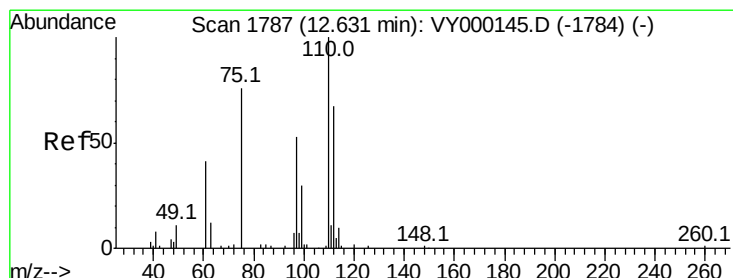
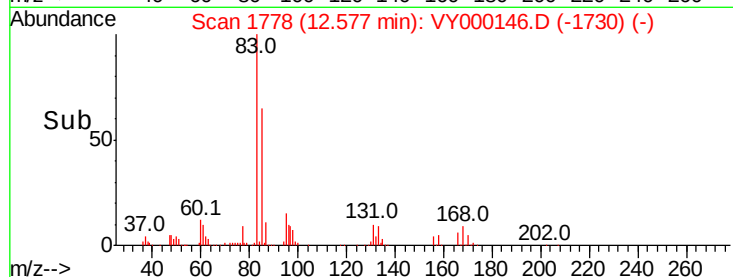
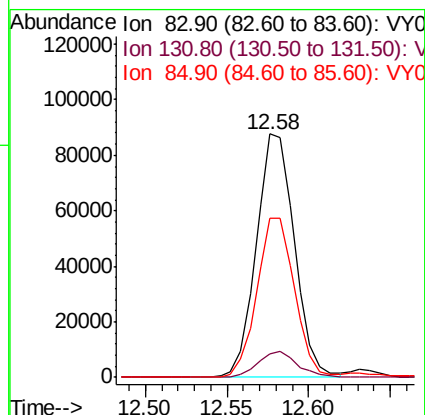
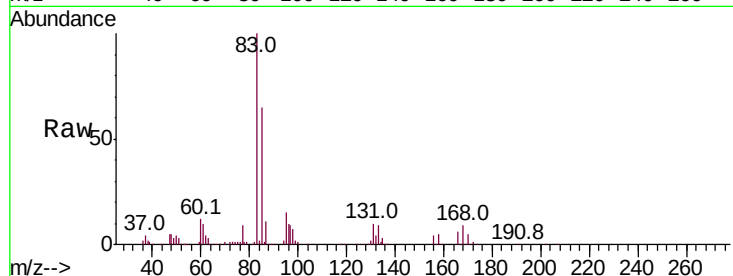
Tot Ion: 83 Resp: 142401

Ion Ratio Lower Upper

83 100

131 10.9 5.4 16.2

85 64.9 32.5 97.5



#76

1,2,3-Trichloropropane

Concen: 184.428 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. 0.00 min

Lab File: VY000146.D

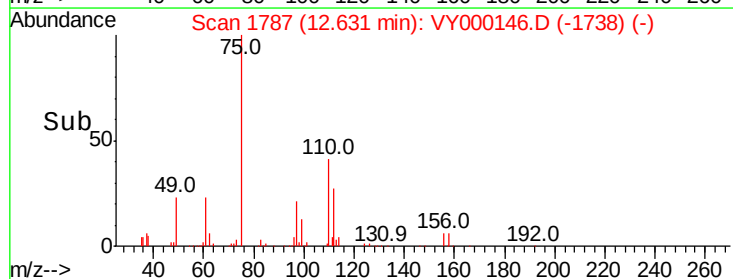
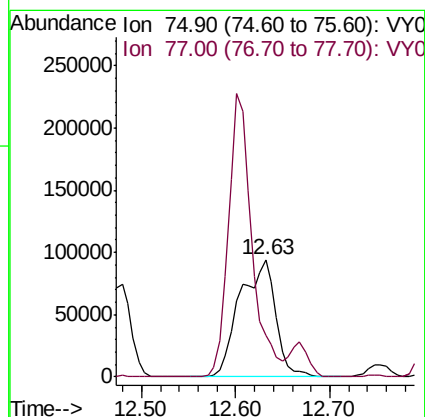
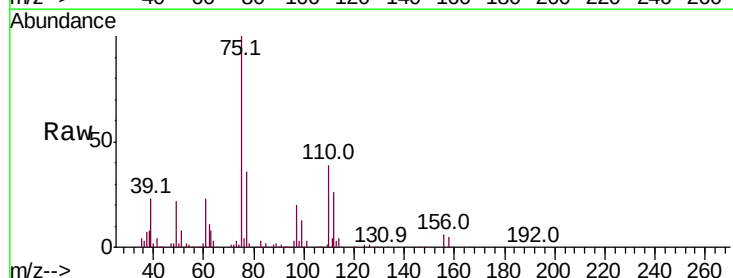
Acq: 26 Sep 2019 11:57

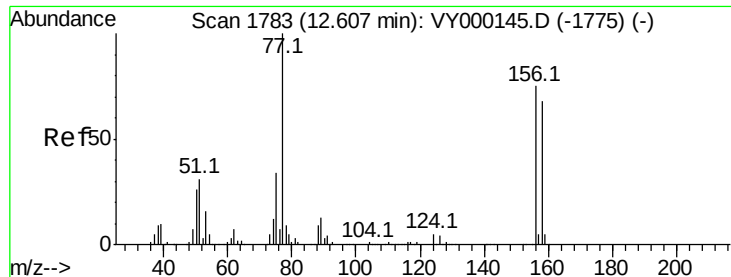
Tgt Ion: 75 Resp: 250789

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 98.276 ug/l

RT: 12.60 min Scan# 1782

Delta R.T. -0.01 min

Lab File: VY000146.D

Acq: 26 Sep 2019 11:57

Instrument :

MSVOA_Y

ClientSampled :

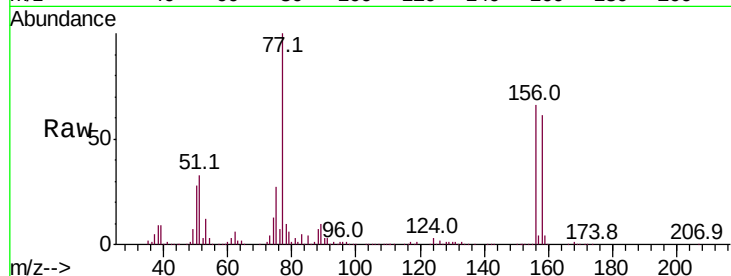
Tot Ion:156 Resp: 241826

Ion Ratio Lower Upper

156 100

77 163.9 83.0 249.2

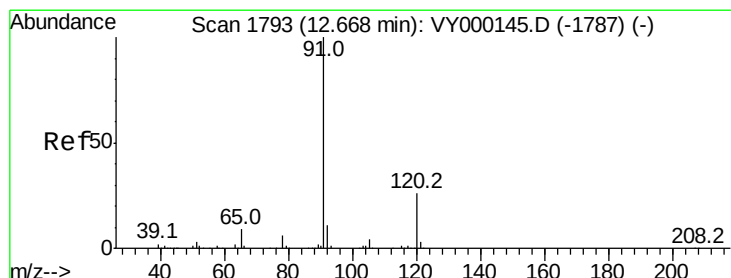
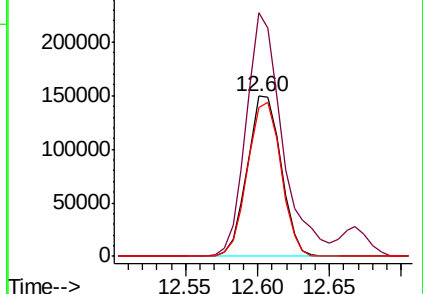
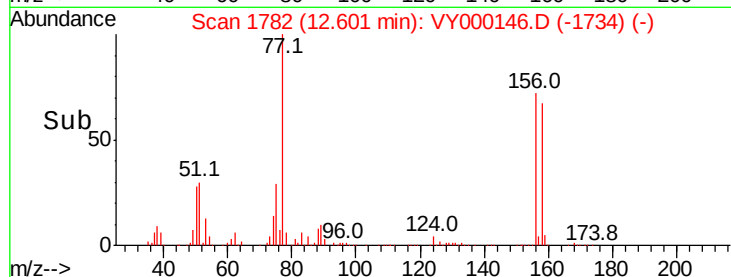
158 95.6 47.4 142.2



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: 95.697 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VY000146.D

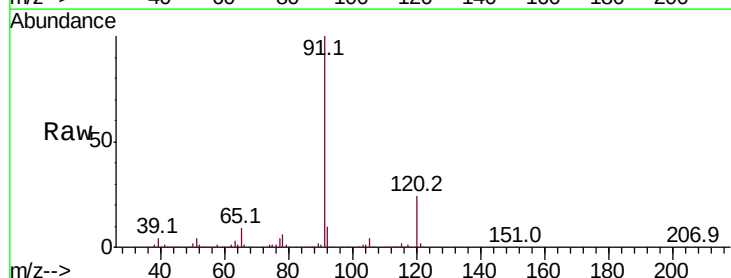
Acq: 26 Sep 2019 11:57

Tgt Ion: 91 Resp: 1136288

Ion Ratio Lower Upper

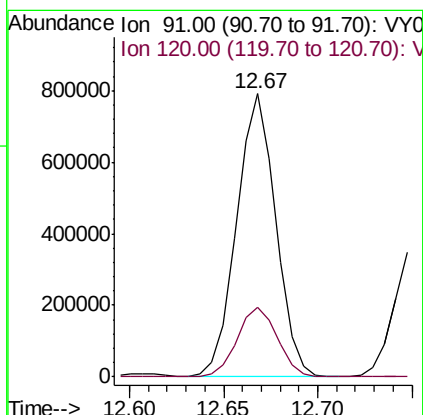
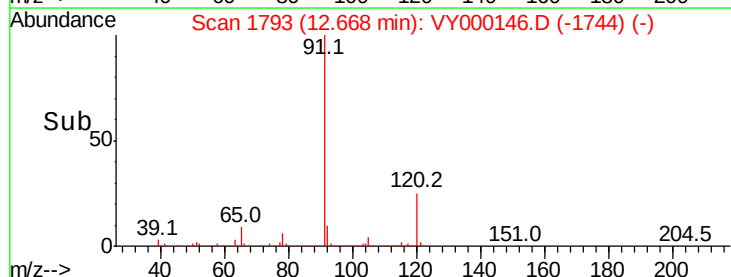
91 100

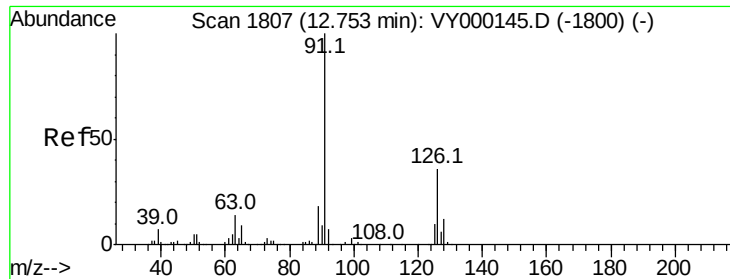
120 25.2 12.8 38.3



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

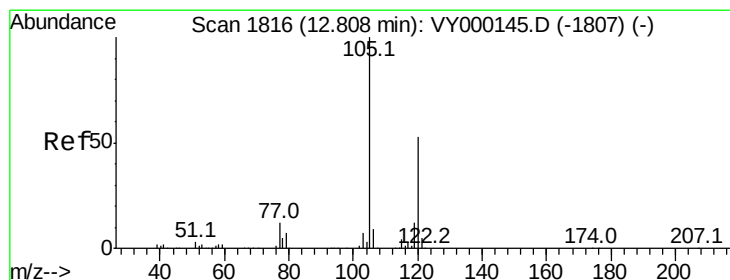
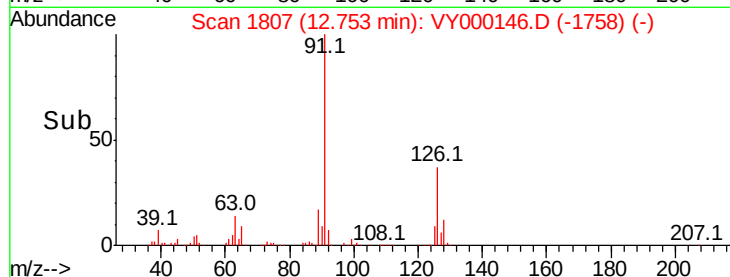
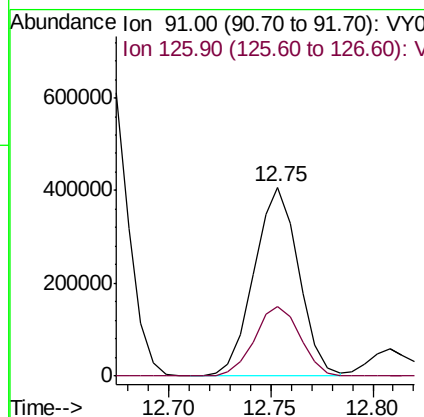
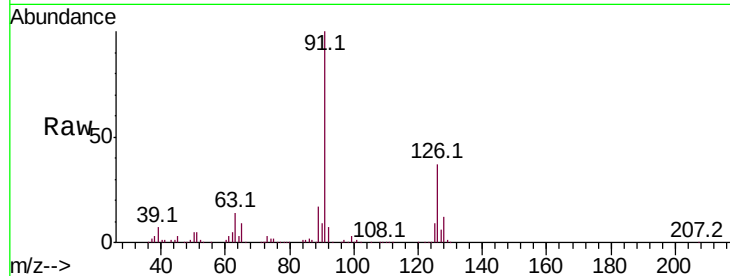




#79
2-Chlorotoluene
Concen: 96.099 ug/l
RT: 12.75 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VY000146.D
Acq: 26 Sep 2019 11:57

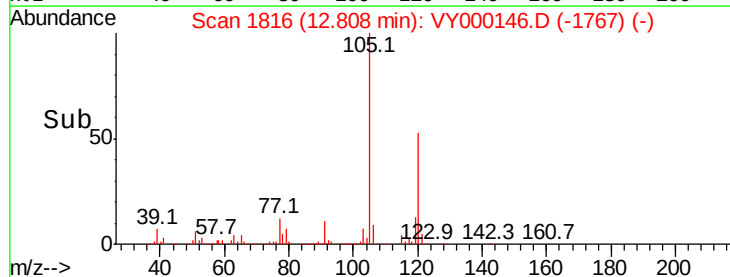
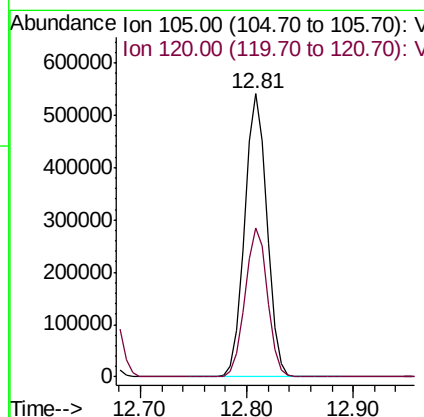
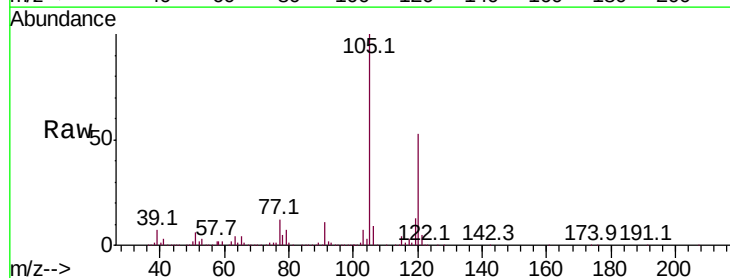
Instrument :
MSVOA_Y
ClientSampleId :

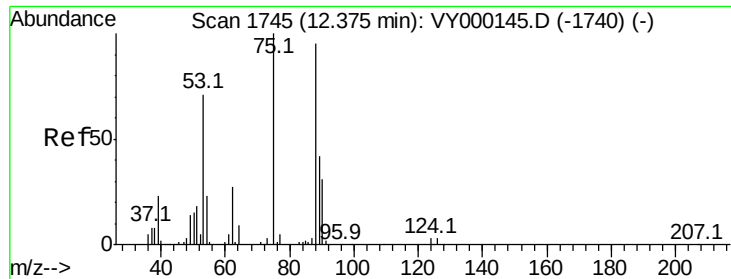
Tot Ion: 91 Resp: 620860
Ion Ratio Lower Upper
91 100
126 37.9 19.1 57.5



#80
1,3,5-Trimethylbenzene
Concen: 95.984 ug/l
RT: 12.81 min Scan# 1816
Delta R.T. 0.00 min
Lab File: VY000146.D
Acq: 26 Sep 2019 11:57

Tgt Ion:105 Resp: 795306
Ion Ratio Lower Upper
105 100
120 53.0 26.7 80.0





#81

trans-1,4-Dichloro-2-butene

Concen: 103.372 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VY000146.D

Acq: 26 Sep 2019 11:57

Instrument :

MSVOA_Y

ClientSampleId :

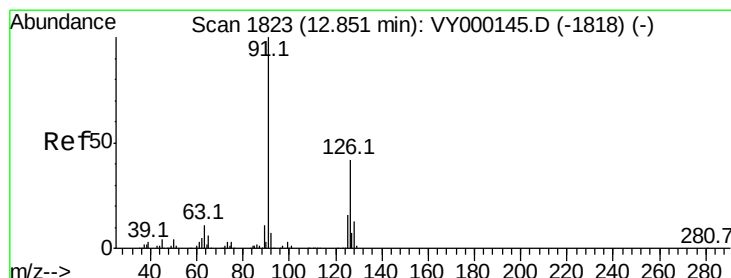
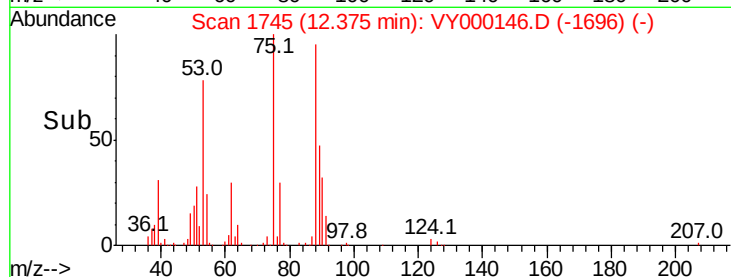
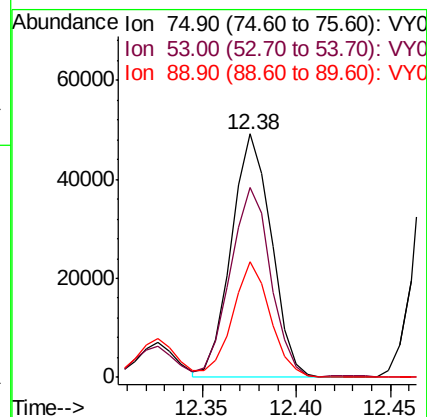
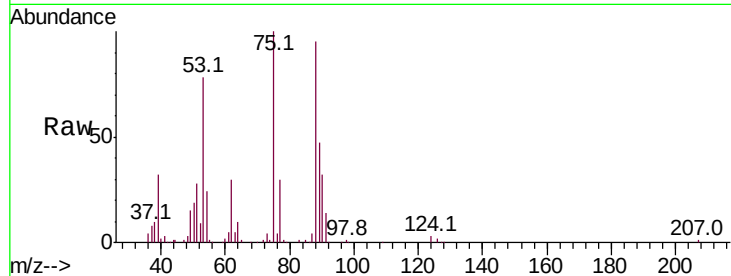
Tot Ion: 75 Resp: 72072

Ion Ratio Lower Upper

75 100

53 78.8 61.8 92.8

89 44.6 35.6 53.4



#82

4-Chlorotoluene

Concen: 97.268 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. 0.00 min

Lab File: VY000146.D

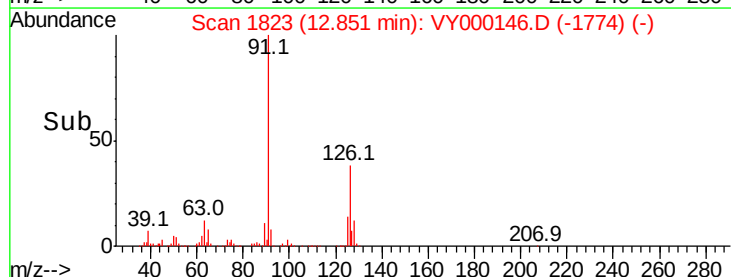
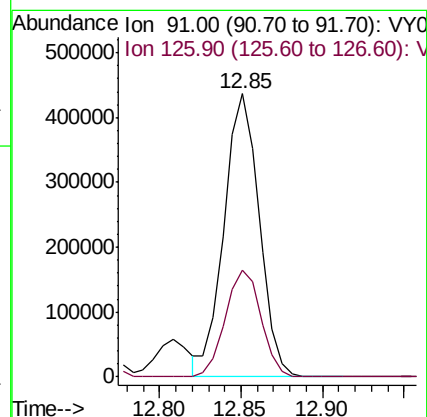
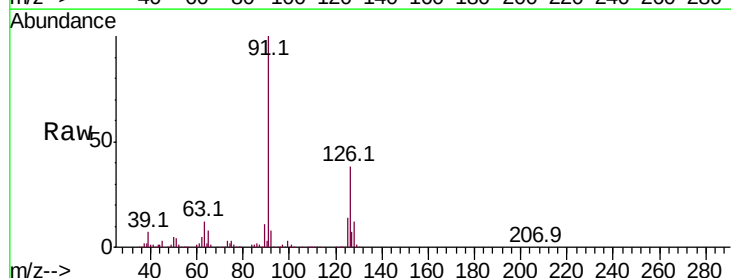
Acq: 26 Sep 2019 11:57

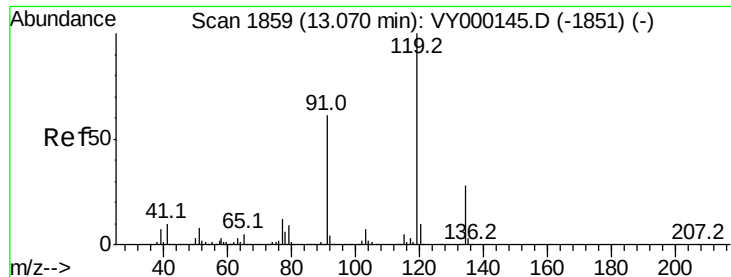
Tgt Ion: 91 Resp: 654751

Ion Ratio Lower Upper

91 100

126 38.3 19.4 58.2

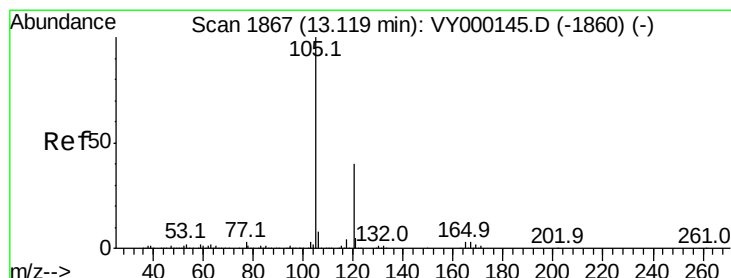
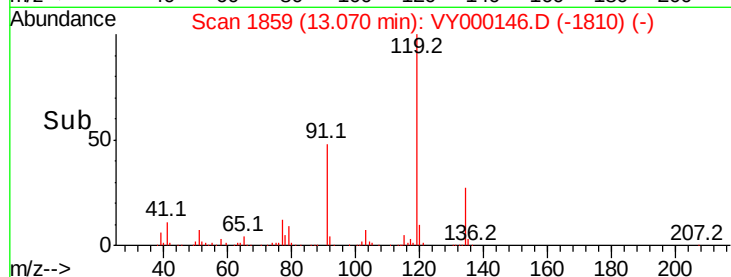
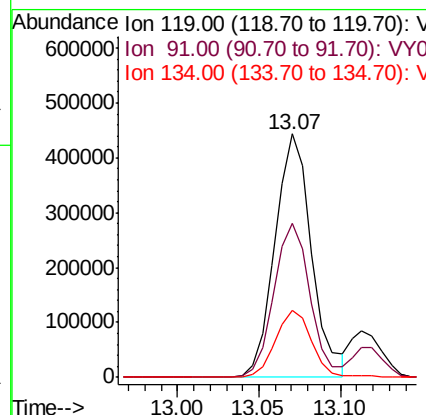
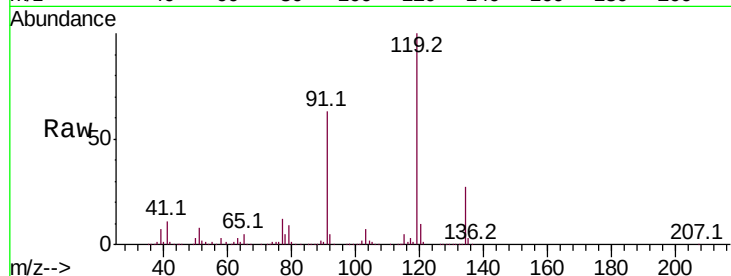




#83
 tert-Butylbenzene
 Concen: 97.173 ug/l
 RT: 13.07 min Scan# 1859
 Delta R.T. 0.00 min
 Lab File: VY000146.D
 Acq: 26 Sep 2019 11:57

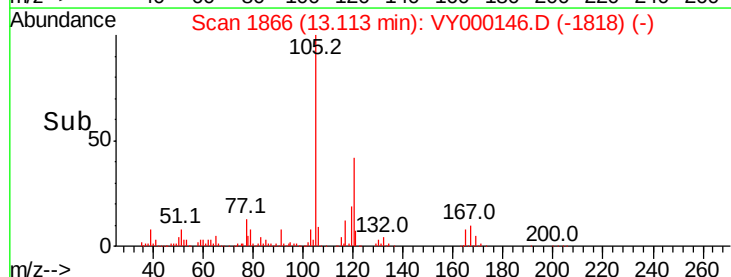
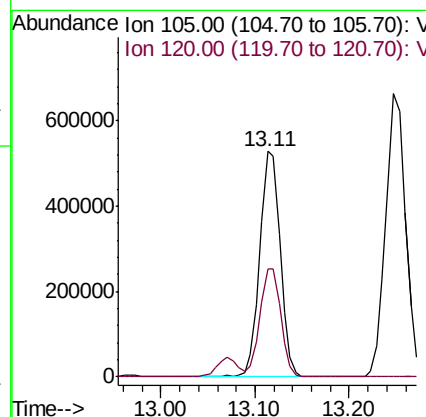
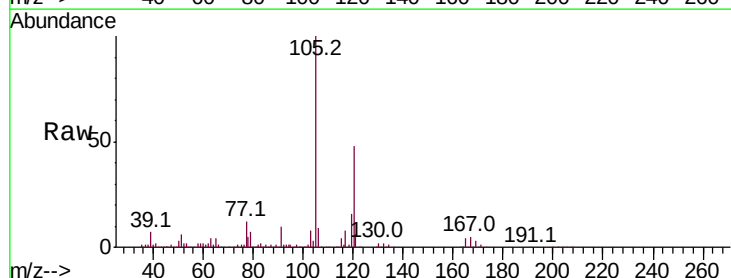
Instrument :
 MSVOA_Y
 ClientSampled :

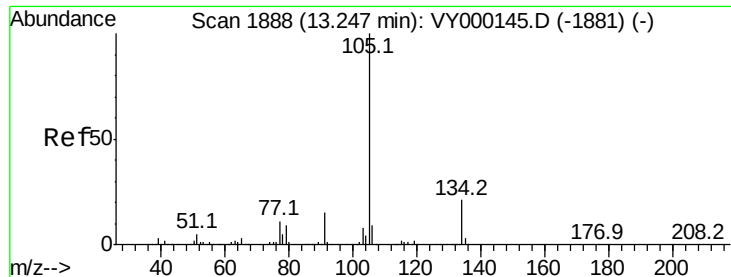
Tot Ion:119 Resp: 693358
 Ion Ratio Lower Upper
 119 100
 91 61.6 31.0 93.0
 134 27.4 14.0 41.9



#84
 1,2,4-Trimethylbenzene
 Concen: 96.056 ug/l
 RT: 13.11 min Scan# 1866
 Delta R.T. -0.01 min
 Lab File: VY000146.D
 Acq: 26 Sep 2019 11:57

Tgt Ion:105 Resp: 804325
 Ion Ratio Lower Upper
 105 100
 120 48.7 24.6 73.8





#85

sec-Butylbenzene

Concen: 95.784 ug/l

RT: 13.25 min Scan# 1888

Delta R.T. 0.00 min

Lab File: VY000146.D

Acq: 26 Sep 2019 11:57

Instrument :

MSVOA_Y

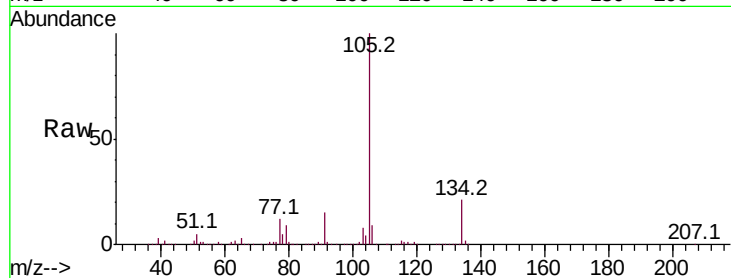
ClientSampleId :

Tot Ion:105 Resp: 981242

Ion Ratio Lower Upper

105 100

134 22.1 10.9 32.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.25

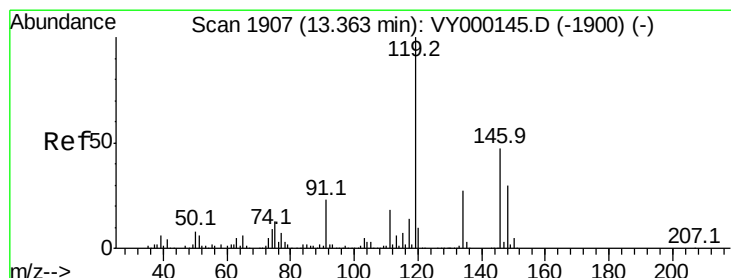
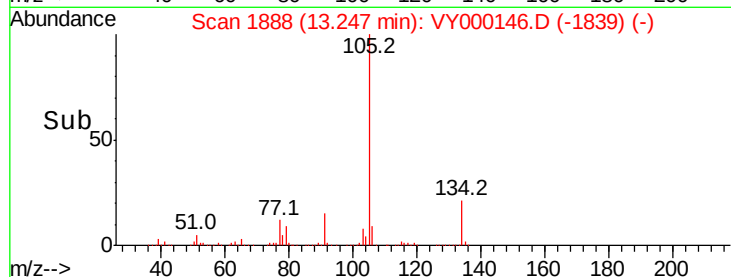
600000

400000

200000

0

Time-->



#86

p-Isopropyltoluene

Concen: 96.498 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. 0.00 min

Lab File: VY000146.D

Acq: 26 Sep 2019 11:57

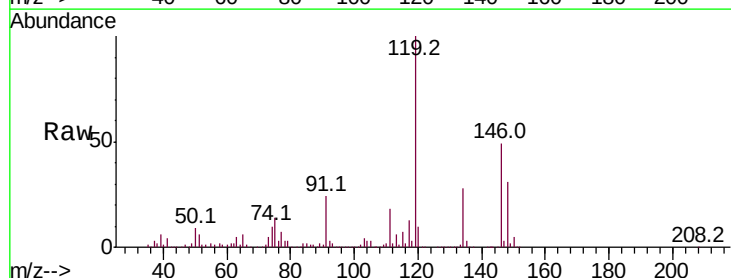
Tgt Ion:119 Resp: 880335

Ion Ratio Lower Upper

119 100

134 28.2 14.3 42.9

91 23.5 11.4 34.1



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

800000

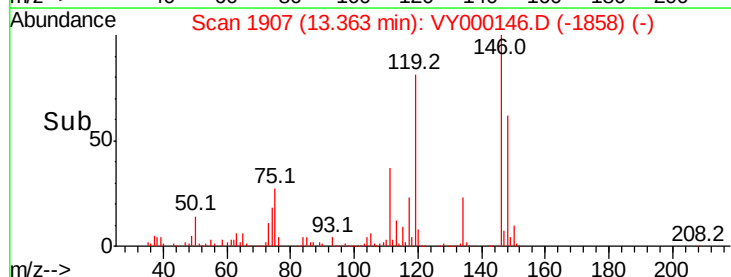
600000

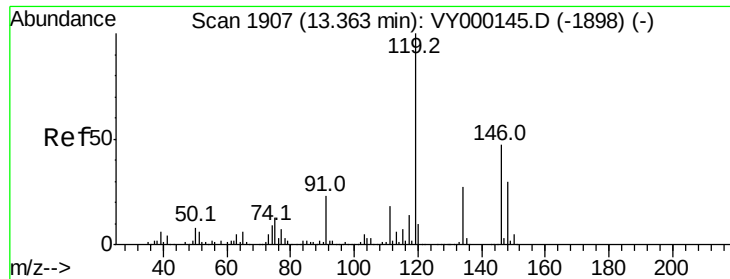
400000

200000

0

Time-->

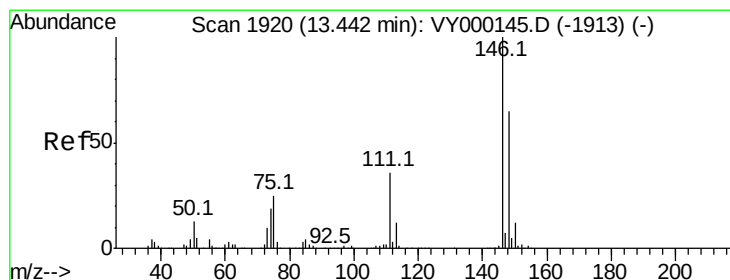
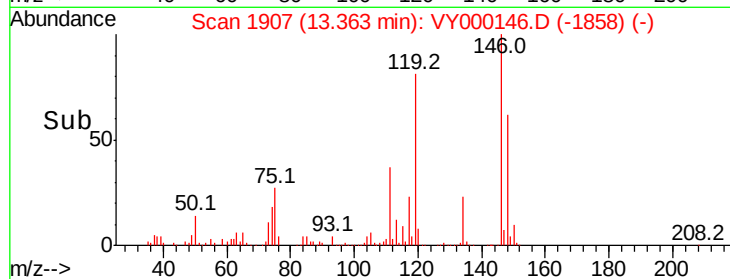
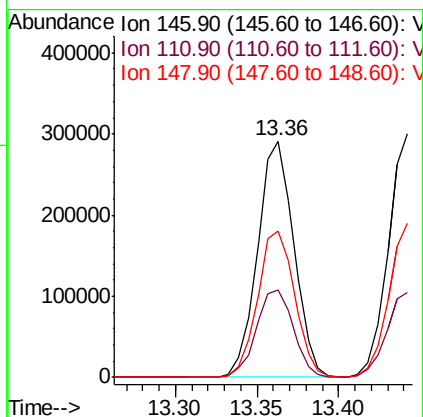
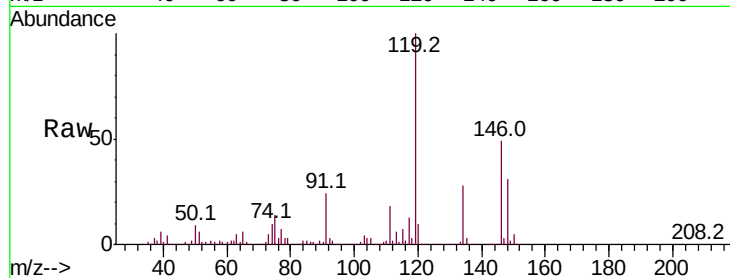




#87
 1,3-Dichlorobenzene
 Concen: 95.133 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VY000146.D
 Acq: 26 Sep 2019 11:57

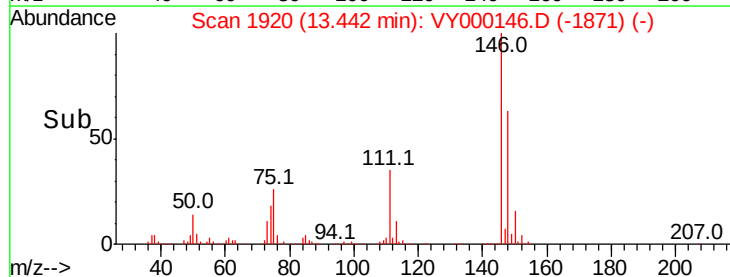
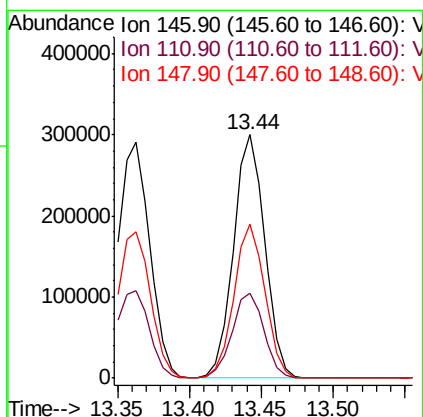
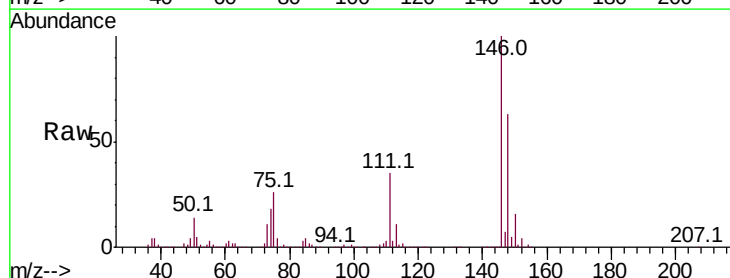
Instrument :
 MSVOA_Y
 ClientSampleId :

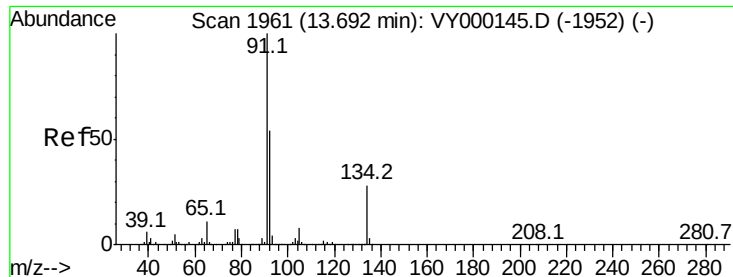
Tot Ion:146 Resp: 448536
 Ion Ratio Lower Upper
 146 100
 111 37.8 19.0 57.0
 148 63.3 31.6 94.8



#88
 1,4-Dichlorobenzene
 Concen: 96.679 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. 0.00 min
 Lab File: VY000146.D
 Acq: 26 Sep 2019 11:57

Tgt Ion:146 Resp: 453736
 Ion Ratio Lower Upper
 146 100
 111 35.8 18.3 54.9
 148 62.8 31.9 95.7





#89

n-Butylbenzene

Concen: 96.727 ug/l

RT: 13.69 min Scan# 1961

Delta R.T. 0.00 min

Lab File: VY000146.D

Acq: 26 Sep 2019 11:57

Instrument :

MSVOA_Y

ClientSampleId :

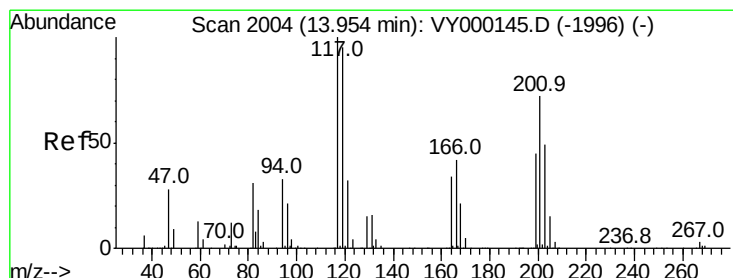
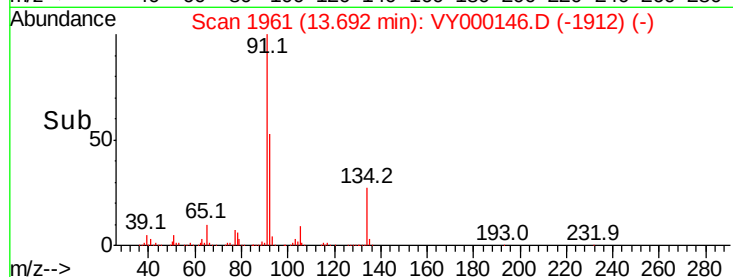
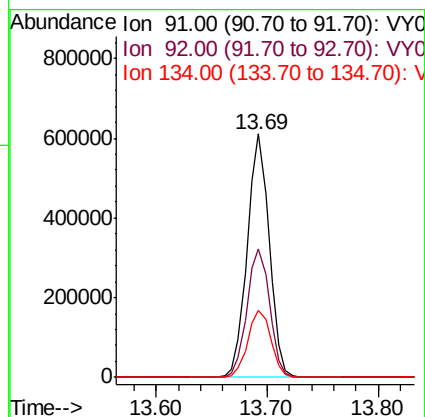
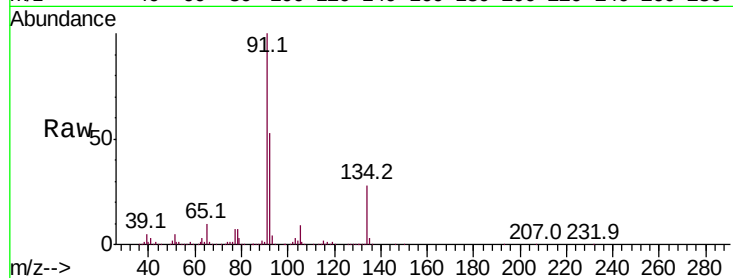
Tot Ion: 91 Resp: 838604

Ion Ratio Lower Upper

91 100

92 54.4 26.8 80.4

134 28.8 14.4 43.2



#90

Hexachloroethane

Concen: 97.395 ug/l

RT: 13.95 min Scan# 2004

Delta R.T. 0.00 min

Lab File: VY000146.D

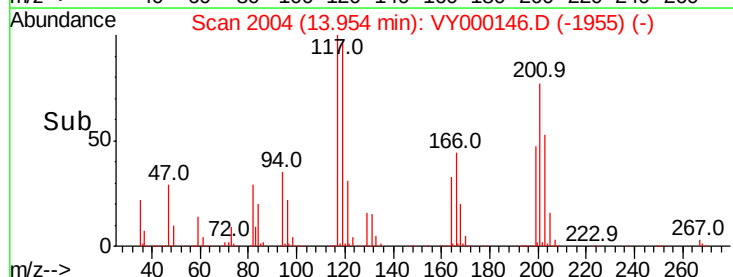
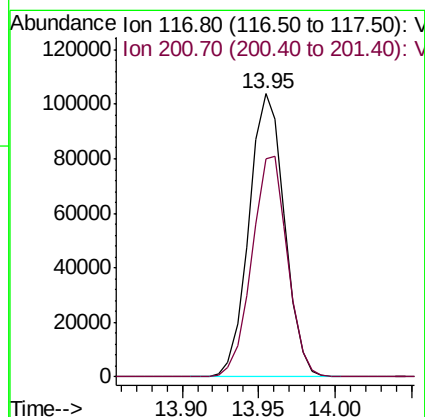
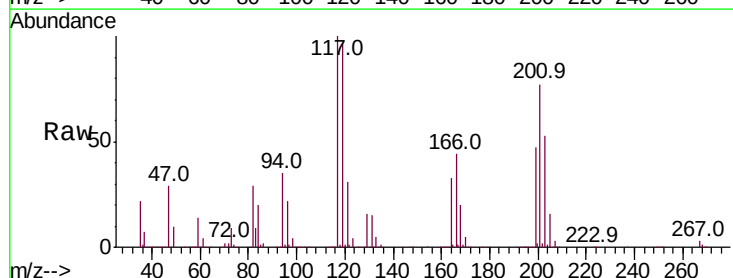
Acq: 26 Sep 2019 11:57

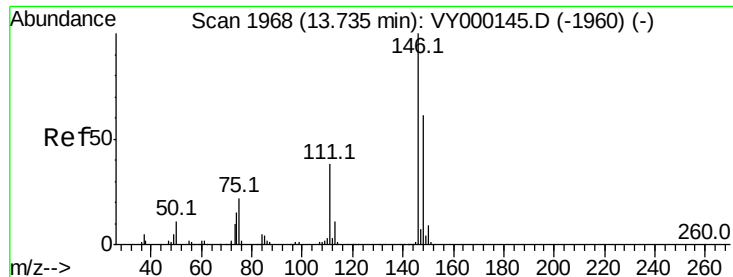
Tgt Ion: 117 Resp: 167860

Ion Ratio Lower Upper

117 100

201 77.8 38.6 115.8

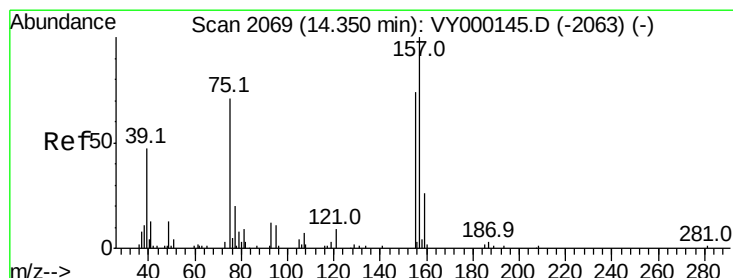
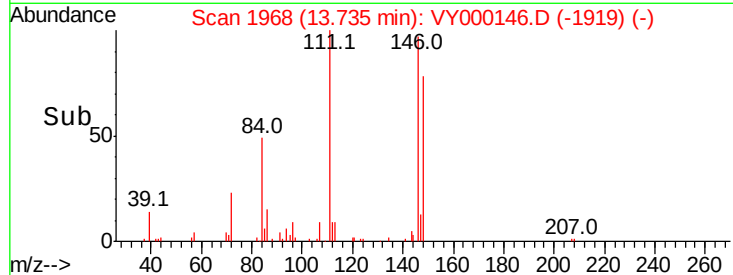
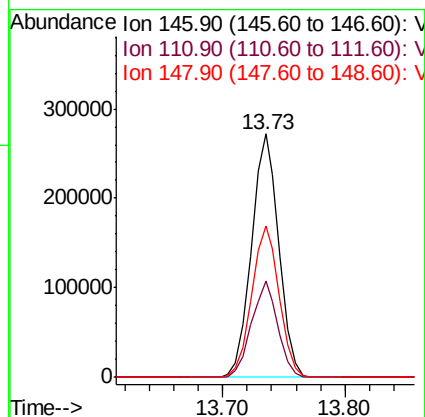
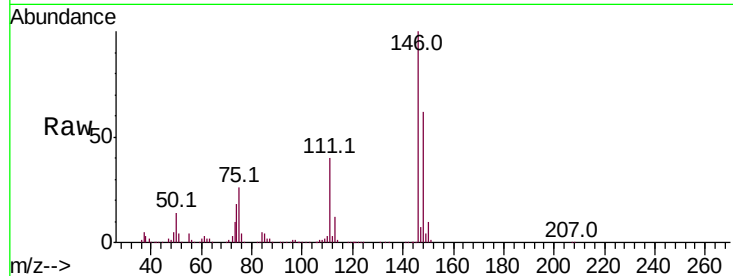




#91
 1,2-Dichlorobenzene
 Concen: 97.479 ug/l
 RT: 13.73 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VY000146.D
 Acq: 26 Sep 2019 11:57

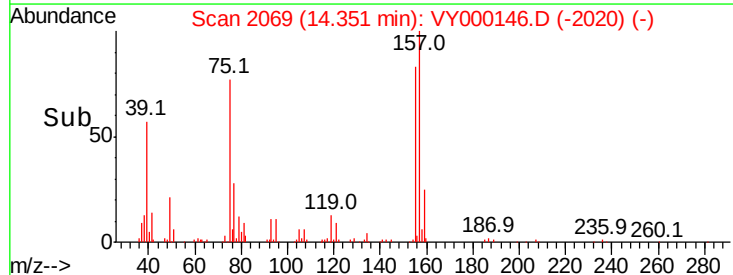
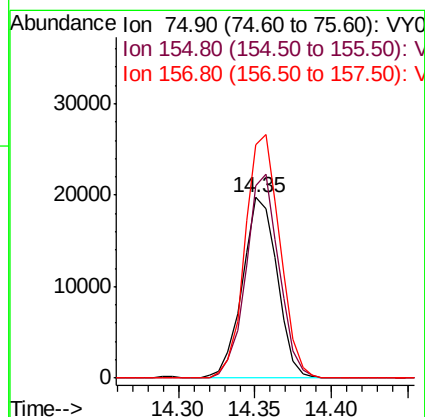
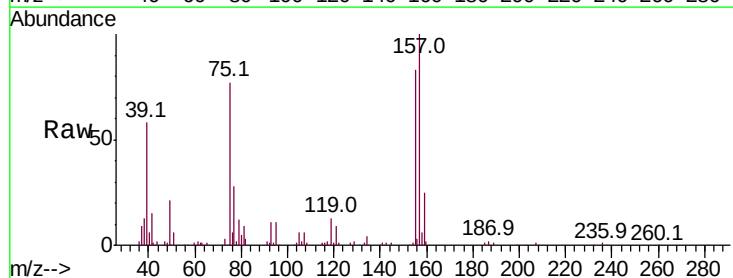
Instrument :
 MSVOA_Y
 ClientSampled :

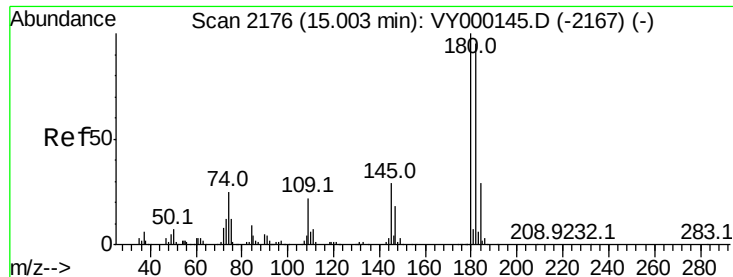
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.2	19.2	57.6
148	62.7	31.9	95.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 101.818 ug/l
 RT: 14.35 min Scan# 2069
 Delta R.T. 0.00 min
 Lab File: VY000146.D
 Acq: 26 Sep 2019 11:57

Tgt Ion	Ratio	Lower	Upper
75	100		
155	107.7	51.3	153.9
157	134.7	67.3	201.8

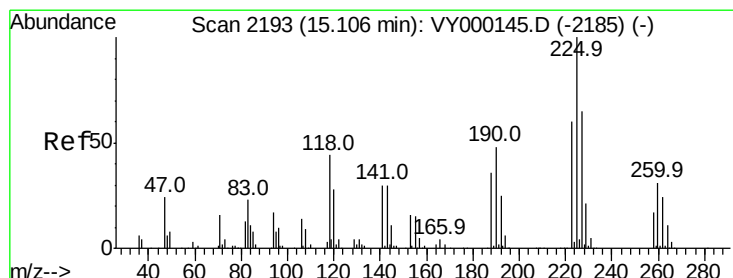
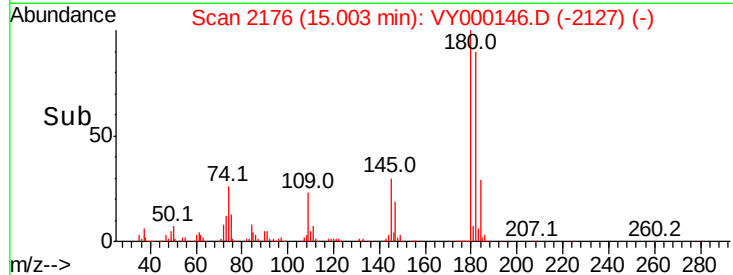
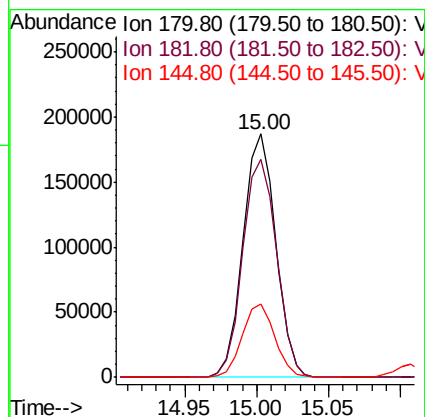
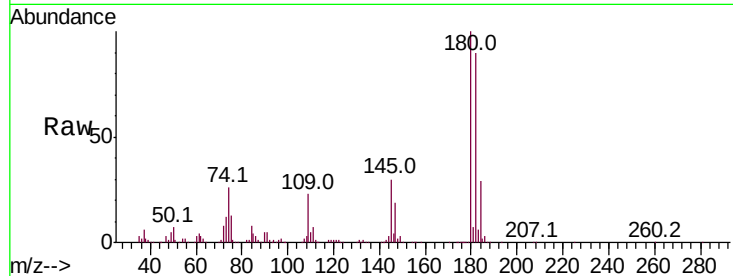




#93
 1,2,4-Trichlorobenzene
 Concen: 98.143 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VY000146.D
 Acq: 26 Sep 2019 11:57

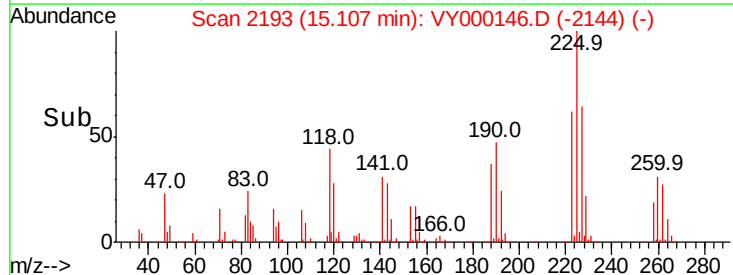
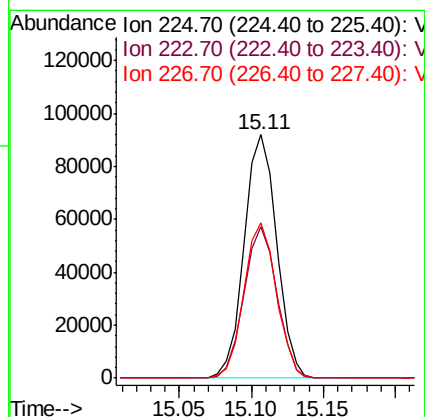
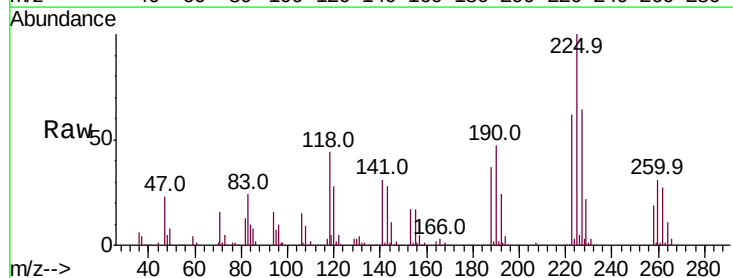
Instrument :
 MSVOA_Y
 ClientSampled :

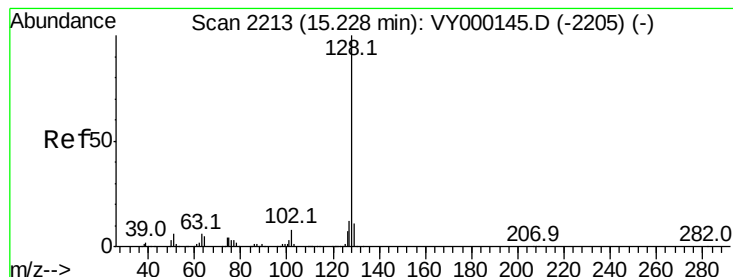
Tot Ion	Ratio	Lower	Upper
180	100		
182	93.2	47.0	141.2
145	30.1	14.6	44.0



#94
 Hexachlorobutadiene
 Concen: 98.346 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. 0.00 min
 Lab File: VY000146.D
 Acq: 26 Sep 2019 11:57

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.9	31.5	94.5
227	63.9	32.4	97.0





#95

Naphthalene

Concen: 99.482 ug/l

RT: 15.23 min Scan# 2213

Delta R.T. 0.00 min

Lab File: VY000146.D

Acq: 26 Sep 2019 11:57

Instrument :

MSVOA_Y

ClientSampleId :

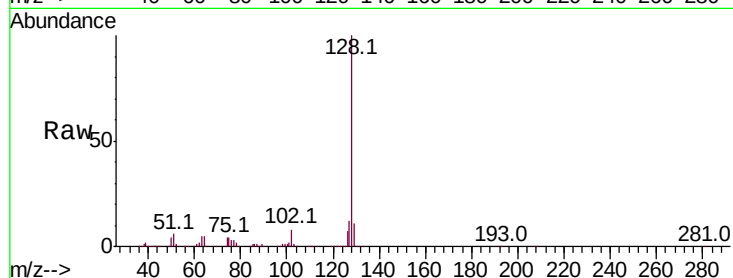
Tot Ion:128 Resp: 665768

Ion Ratio Lower Upper

128 100

127 11.8 9.5 14.3

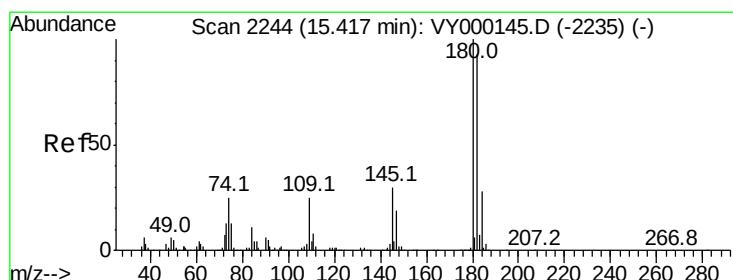
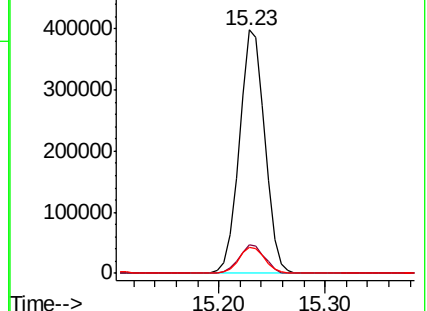
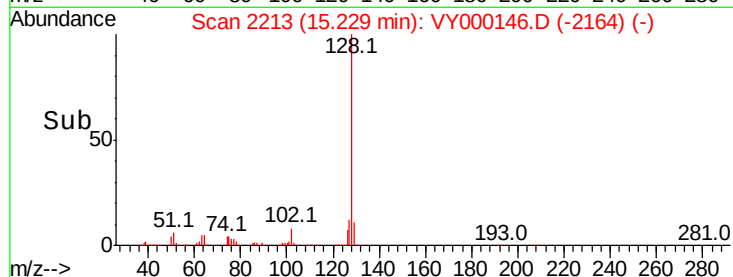
129 11.0 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 98.814 ug/l

RT: 15.42 min Scan# 2244

Delta R.T. 0.00 min

Lab File: VY000146.D

Acq: 26 Sep 2019 11:57

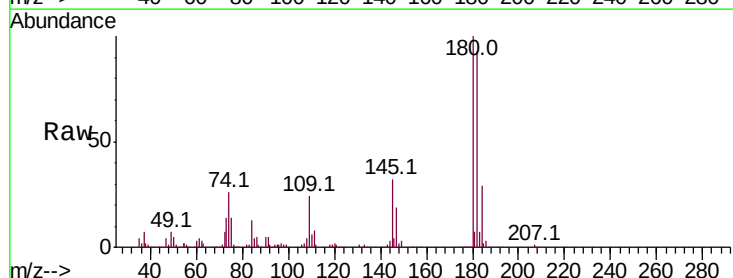
Tgt Ion:180 Resp: 264873

Ion Ratio Lower Upper

180 100

182 93.6 46.6 139.7

145 31.6 15.4 46.4



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

