

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY091219\
 Data File : VY000021.D
 Acq On : 12 Sep 2019 12:17
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.00g/5.00ml
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 12 15:39:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y091219S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 12 15:35:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.79	168	139803	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	263361	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	222887	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	101151	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	76540	50.82	ug/l	0.00
Spiked Amount			Recovery	=	101.64%	
35) Dibromofluoromethane	7.71	113	72999	48.32	ug/l	0.00
Spiked Amount			Recovery	=	96.64%	
50) Toluene-d8	10.18	98	309653	50.90	ug/l	0.00
Spiked Amount			Recovery	=	101.80%	
62) 4-Bromofluorobenzene	12.48	95	107655	48.69	ug/l	0.00
Spiked Amount			Recovery	=	97.38%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.90	85	49155	47.679	ug/l	100
3) Chloromethane	2.11	50	67378	40.178	ug/l	100
4) Vinyl Chloride	2.25	62	75802	48.487	ug/l	100
5) Bromomethane	2.62	94	46312	46.606	ug/l	100
6) Chloroethane	2.78	64	50494	48.516	ug/l	100
7) Trichlorofluoromethane	3.12	101	98999	48.734	ug/l	100
8) Diethyl Ether	3.53	74	42071	50.395	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.89	101	69197	50.056	ug/l	100
10) Methyl Iodide	4.09	142	79654	52.692	ug/l	100
11) Tert butyl alcohol	4.98	59	48494	253.283	ug/l	100
12) 1,1-Dichloroethene	3.87	96	63787	49.510	ug/l	100
13) Acrolein	3.73	56	32051	223.142	ug/l	100
14) Allyl chloride	4.48	41	98241	49.111	ug/l	100
15) Acrylonitrile	5.17	53	135951	256.663	ug/l	100
16) Acetone	3.95	43	106095	254.089	ug/l	100
17) Carbon Disulfide	4.18	76	119082	45.898	ug/l	100
18) Methyl Acetate	4.48	43	56358	47.964	ug/l	100
19) Methyl tert-butyl Ether	5.22	73	197897	50.714	ug/l	100
20) Methylene Chloride	4.71	84	76800	46.136	ug/l	100
21) trans-1,2-Dichloroethene	5.21	96	68854	48.266	ug/l	100
22) Diisopropyl ether	6.12	45	219881	49.792	ug/l	100
23) Vinyl Acetate	6.06	43	771650	252.595	ug/l	100
24) 1,1-Dichloroethane	6.01	63	128823	49.228	ug/l	100
25) 2-Butanone	6.99	43	173324	255.371	ug/l	100
26) 2,2-Dichloropropane	6.98	77	116414	47.887	ug/l	100
27) cis-1,2-Dichloroethene	6.99	96	89963	49.984	ug/l	100
28) Bromochloromethane	7.34	49	65389	54.409	ug/l	100
29) Tetrahydrofuran	7.35	42	101859	252.285	ug/l	100
30) Chloroform	7.51	83	132578	49.129	ug/l	100
31) Cyclohexane	7.78	56	98740	45.273	ug/l	100
32) 1,1,1-Trichloroethane	7.70	97	109406	49.423	ug/l	100
36) 1,1-Dichloropropene	7.92	75	95134	49.199	ug/l	100
37) Ethyl Acetate	7.07	43	65068	49.902	ug/l	100
38) Carbon Tetrachloride	7.90	117	92348	50.596	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.18	83	114285	47.838	ug/l	100
40) Benzene	8.16	78	304815	48.419	ug/l	100
41) Methacrylonitrile	7.32	41	40746	24.061	ug/l	100
42) 1,2-Dichloroethane	8.24	62	78825	48.995	ug/l	100
43) Isopropyl Acetate	8.28	43	125014	49.476	ug/l	100
44) Trichloroethene	8.94	130	77702	49.433	ug/l	100
45) 1,2-Dichloropropane	9.21	63	80869	49.818	ug/l	100
46) Dibromomethane	9.31	93	43661	48.464	ug/l	100
47) Bromodichloromethane	9.49	83	106067	49.321	ug/l	100
48) Methyl methacrylate	9.29	41	54570	48.942	ug/l	100
49) 1,4-Dioxane	9.30	88	17405	922.516	ug/l	100
51) 4-Methyl-2-Pentanone	10.07	43	356611	251.871	ug/l	100
52) Toluene	10.24	92	193320	48.870	ug/l	100
53) t-1,3-Dichloropropene	10.46	75	112459	49.736	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	127663	48.521	ug/l	100
55) 1,1,2-Trichloroethane	10.65	97	69987	49.023	ug/l	100
56) Ethyl methacrylate	10.51	69	99178	49.500	ug/l	100
57) 1,3-Dichloropropane	10.79	76	111689	48.919	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	303162	276.227	ug/l	100
59) 2-Hexanone	10.83	43	259284	254.125	ug/l	100
60) Dibromochloromethane	10.98	129	75414	50.133	ug/l	100
61) 1,2-Dibromoethane	11.09	107	62821	49.820	ug/l	100
64) Tetrachloroethene	10.71	164	68042	49.782	ug/l	100
65) Chlorobenzene	11.51	112	216995	51.093	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	74153	50.390	ug/l	100
67) Ethyl Benzene	11.59	91	383637	49.722	ug/l	100
68) m/p-Xylenes	11.70	106	291833	100.233	ug/l	100
69) o-Xylene	12.02	106	140143	49.111	ug/l	100
70) Styrene	12.04	104	250466	50.457	ug/l	100
71) Bromoform	12.20	173	44809	50.430	ug/l #	100
73) Isopropylbenzene	12.32	105	375981	48.648	ug/l	100
74) N-amyl acetate	12.14	43	116206	50.936	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.58	83	92214	49.903	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	119137	53.103	ug/l #	100
77) Bromobenzene	12.60	156	82655	50.557	ug/l	100
78) n-propylbenzene	12.66	91	461160	48.825	ug/l	100
79) 2-Chlorotoluene	12.75	91	256608	48.586	ug/l	100
80) 1,3,5-Trimethylbenzene	12.80	105	320227	49.623	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.37	75	35500	50.120	ug/l	100
82) 4-Chlorotoluene	12.85	91	272184	49.104	ug/l	100
83) tert-Butylbenzene	13.07	119	272949	49.226	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	316747	49.689	ug/l	100
85) sec-Butylbenzene	13.25	105	402846	49.230	ug/l	100
86) p-Isopropyltoluene	13.37	119	342405	49.326	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	161578	49.106	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	166573	50.306	ug/l	100
89) n-Butylbenzene	13.69	91	350973	49.894	ug/l	100
90) Hexachloroethane	13.95	117	69918	50.402	ug/l	100
91) 1,2-Dichlorobenzene	13.73	146	151383	49.437	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.35	75	17065	47.494	ug/l	100

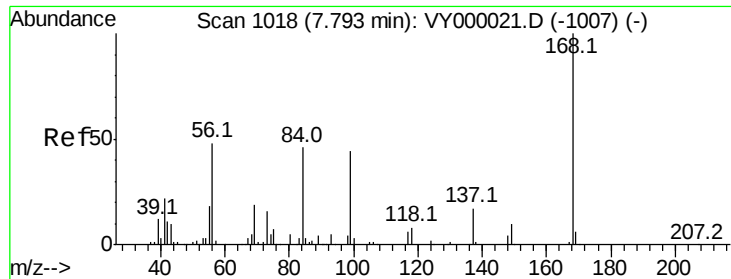
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	94890	48.563	ug/l	100
94) Hexachlorobutadiene	15.10	225	44895	50.095	ug/l	100
95) Naphthalene	15.23	128	268315	50.194	ug/l	100
96) 1,2,3-Trichlorobenzene	15.41	180	88849	50.654	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.79 min Scan# 1018

Delta R.T. 0.00 min

Lab File: VY000021.D

Acq: 12 Sep 2019 12:17

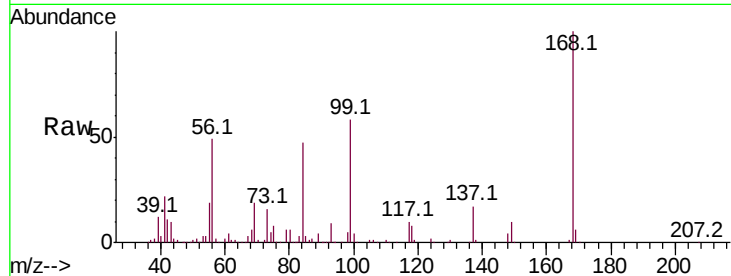
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:168 Resp: 139803

Ion Ratio Lower Upper

168 100

99 57.9 46.3 69.5



Abundance Ion 167.90 (167.60 to 168.60): VY000021.D (-1007) (-)

Ion 98.90 (98.60 to 99.60): VY000021.D (-1007) (-)

7.79

60000

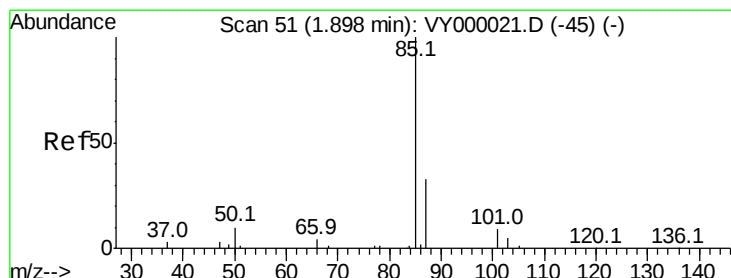
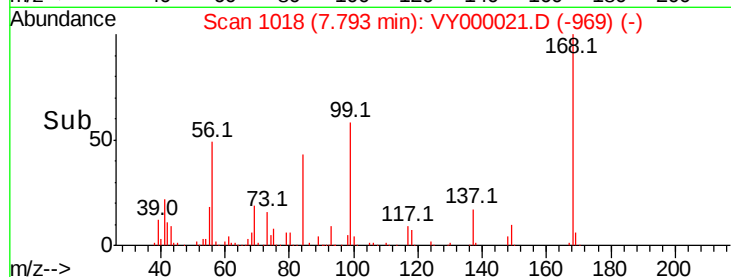
40000

20000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 47.679 ug/l

RT: 1.90 min Scan# 51

Delta R.T. 0.00 min

Lab File: VY000021.D

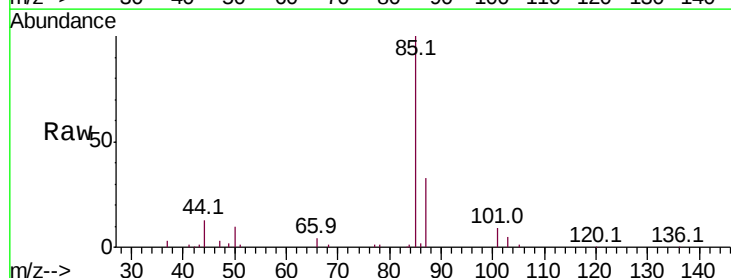
Acq: 12 Sep 2019 12:17

Tgt Ion: 85 Resp: 49155

Ion Ratio Lower Upper

85 100

87 33.1 16.6 49.7



Abundance Ion 84.90 (84.60 to 85.60): VY000021.D (-45) (-)

Ion 86.90 (86.60 to 87.60): VY000021.D (-45) (-)

1.90

30000

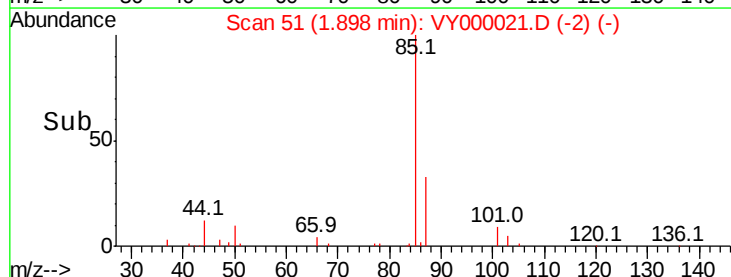
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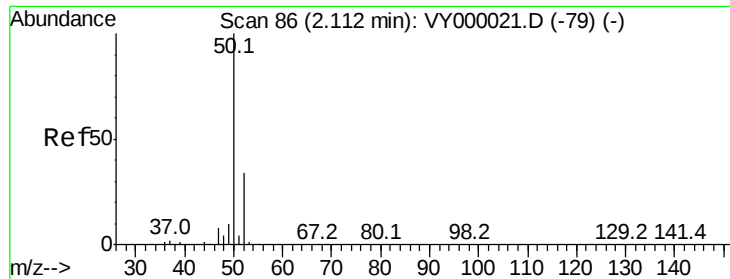
10000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 40.178 ug/l

RT: 2.11 min Scan# 86

Delta R.T. 0.00 min

Lab File: VY000021.D

Acq: 12 Sep 2019 12:17

Instrument :

MSVOA_Y

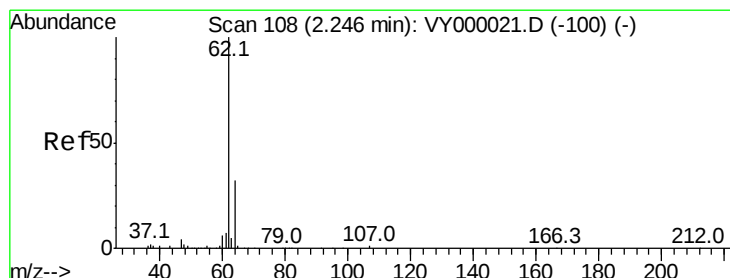
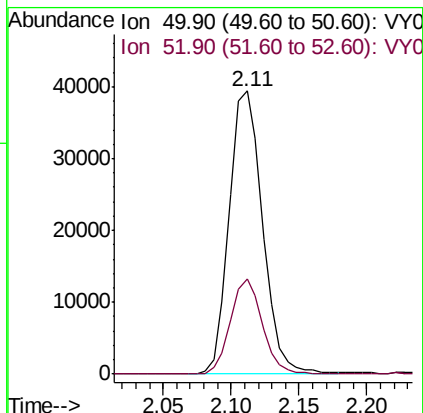
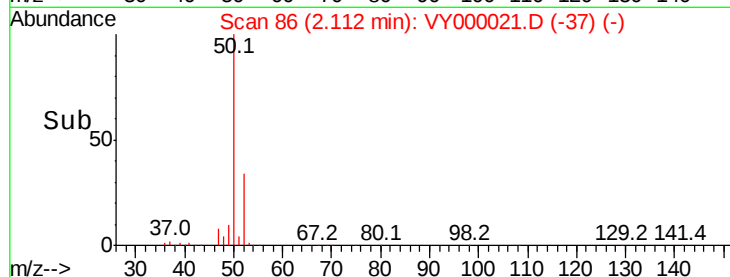
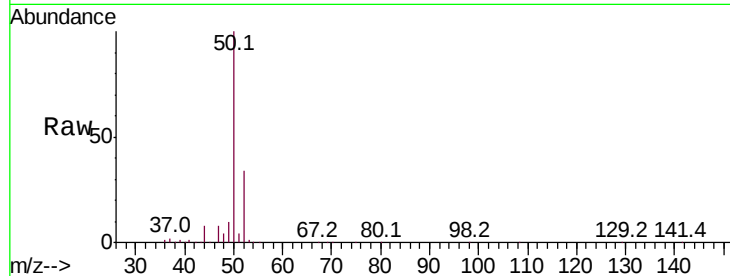
ClientSampleId :

Tot Ion: 50 Resp: 67378

Ion Ratio Lower Upper

50 100

52 33.8 27.0 40.6



#4

Vinyl Chloride

Concen: 48.487 ug/l

RT: 2.25 min Scan# 108

Delta R.T. 0.00 min

Lab File: VY000021.D

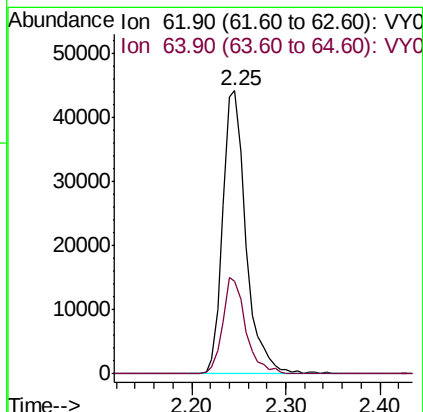
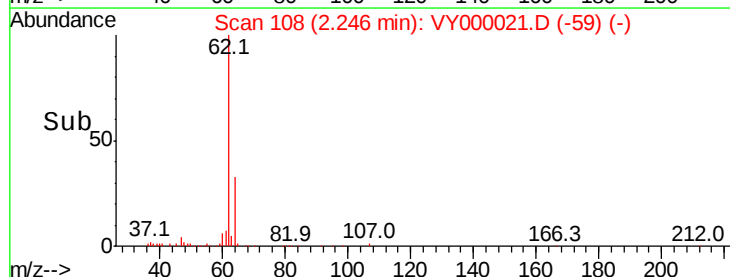
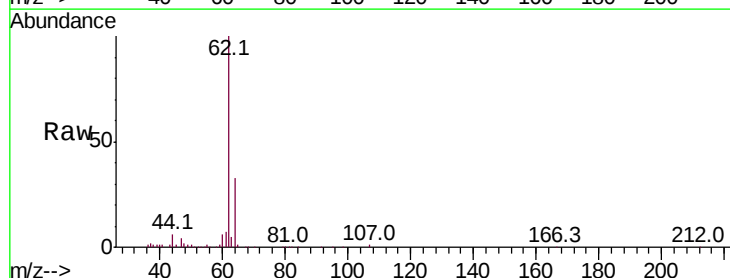
Acq: 12 Sep 2019 12:17

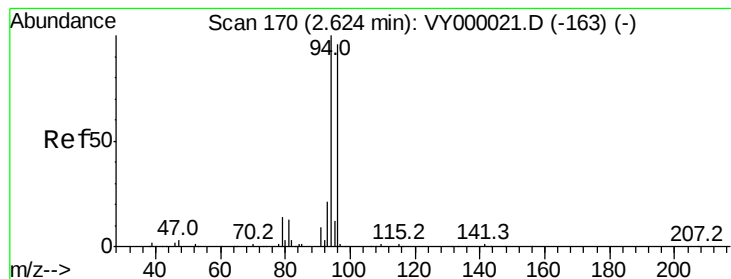
Tgt Ion: 62 Resp: 75802

Ion Ratio Lower Upper

62 100

64 32.6 26.1 39.1





#5

Bromomethane

Concen: 46.606 ug/l

RT: 2.62 min Scan# 170

Delta R.T. 0.00 min

Lab File: VY000021.D

Acq: 12 Sep 2019 12:17

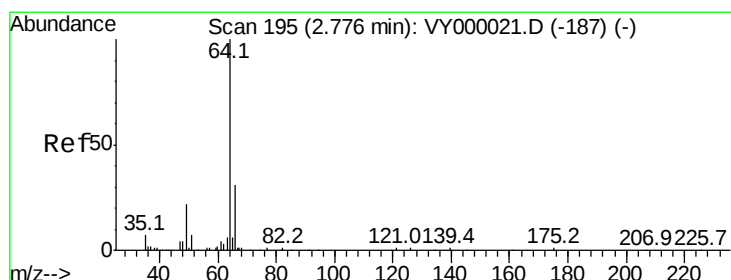
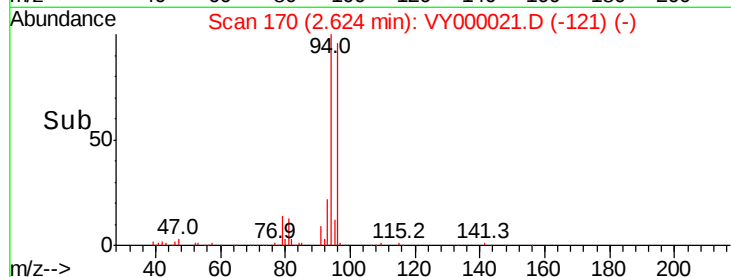
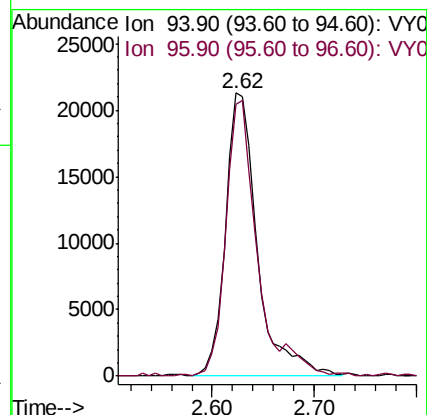
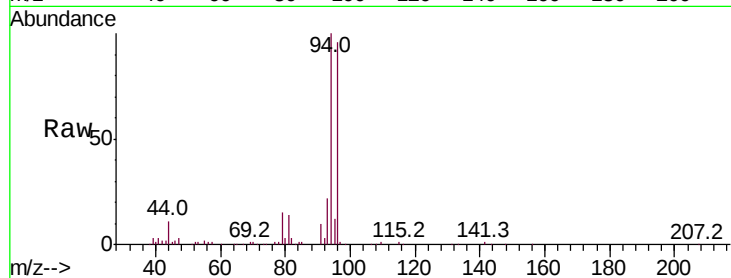
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 94 Resp: 46312

Ion Ratio Lower Upper

94 100

96 96.0 76.8 115.2



#6

Chloroethane

Concen: 48.516 ug/l

RT: 2.78 min Scan# 195

Delta R.T. 0.00 min

Lab File: VY000021.D

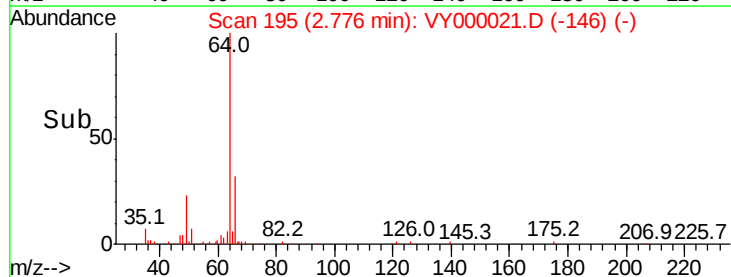
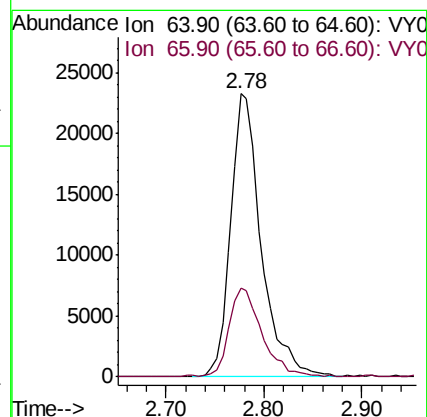
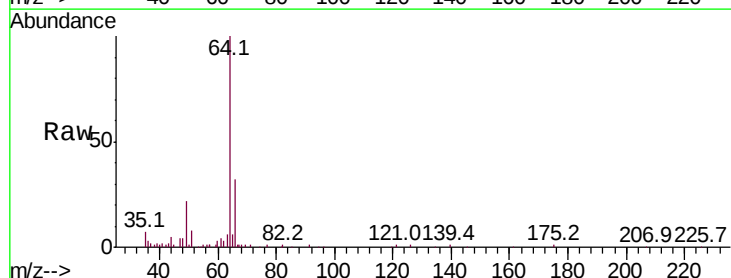
Acq: 12 Sep 2019 12:17

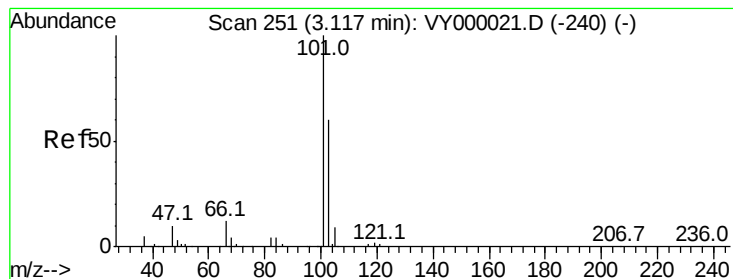
Tgt Ion: 64 Resp: 50494

Ion Ratio Lower Upper

64 100

66 31.3 25.0 37.6



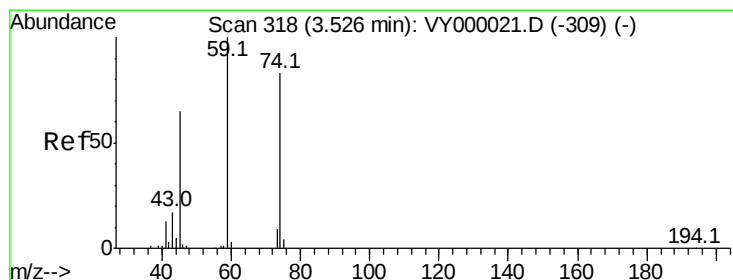
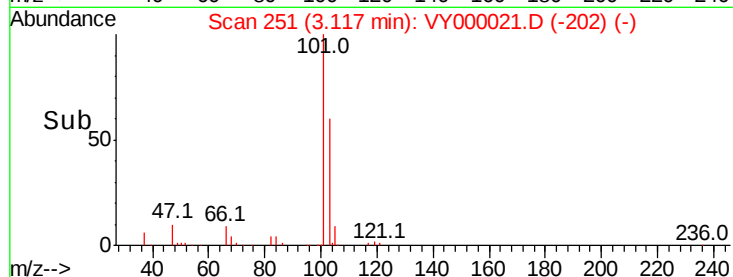
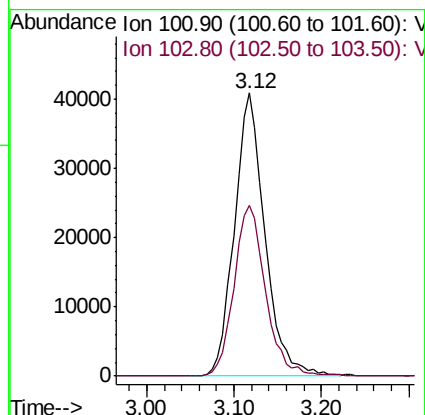
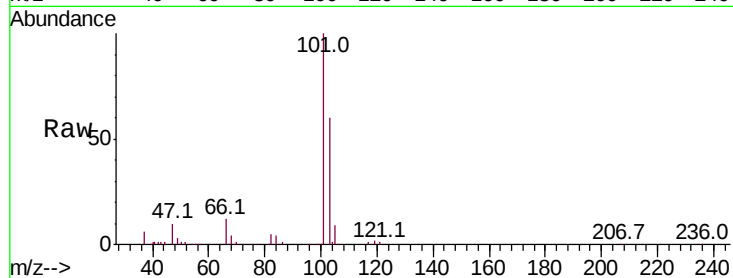


#7

Trichlorofluoromethane
 Concen: 48.734 ug/l
 RT: 3.12 min Scan# 251
 Delta R.T. 0.00 min
 Lab File: VY000021.D
 Acq: 12 Sep 2019 12:17

Instrument :
 MSVOA_Y
 ClientSampleId :

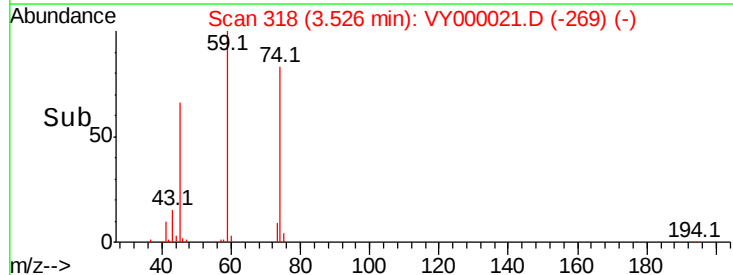
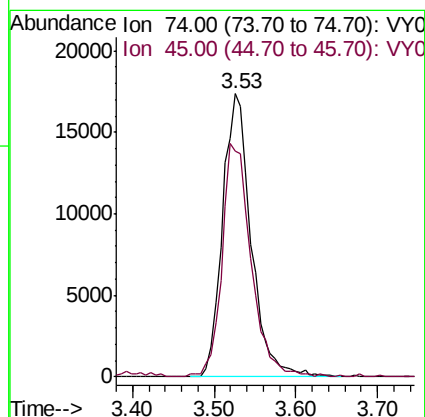
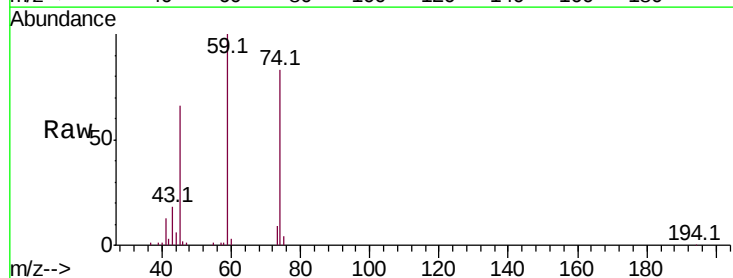
Tot Ion:101 Resp: 98999
 Ion Ratio Lower Upper
 101 100
 103 60.1 48.1 72.1

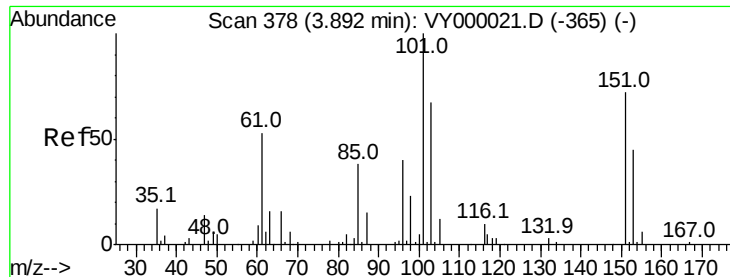


#8

Diethyl Ether
 Concen: 50.395 ug/l
 RT: 3.53 min Scan# 318
 Delta R.T. 0.00 min
 Lab File: VY000021.D
 Acq: 12 Sep 2019 12:17

Tgt Ion: 74 Resp: 42071
 Ion Ratio Lower Upper
 74 100
 45 83.7 41.9 125.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.056 ug/l

RT: 3.89 min Scan# 378

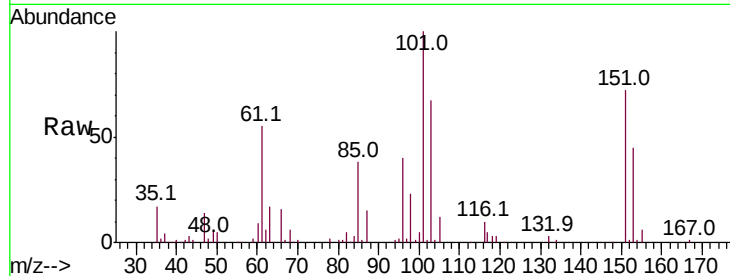
Delta R.T. 0.00 min

Lab File: VY000021.D

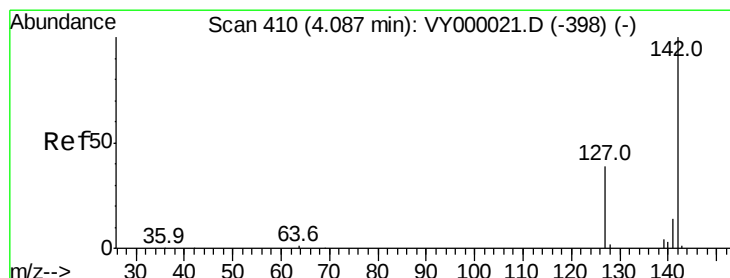
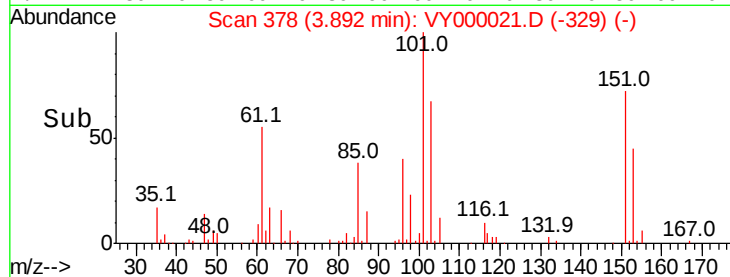
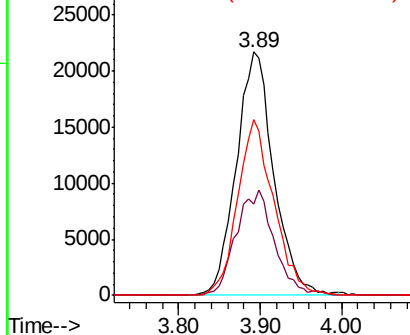
Acq: 12 Sep 2019 12:17

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:	101	Resp:	69197
Ion	Ratio	Lower	Upper
101	100		
85	44.1	35.3	52.9
151	69.9	55.9	83.9



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: 52.692 ug/l

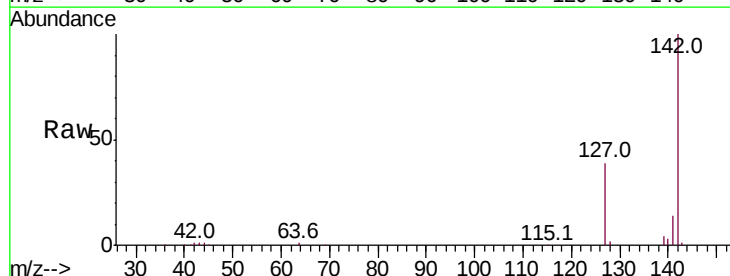
RT: 4.09 min Scan# 410

Delta R.T. 0.00 min

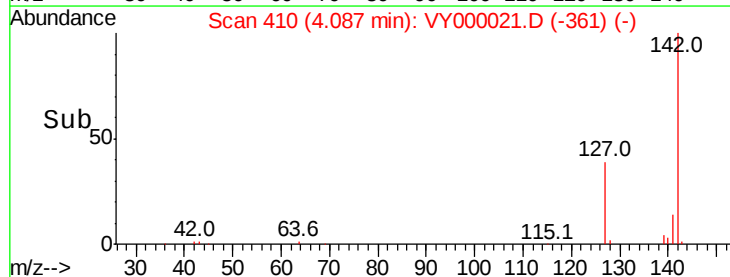
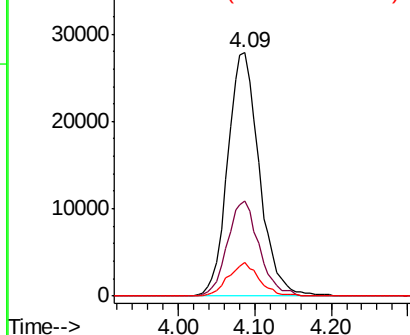
Lab File: VY000021.D

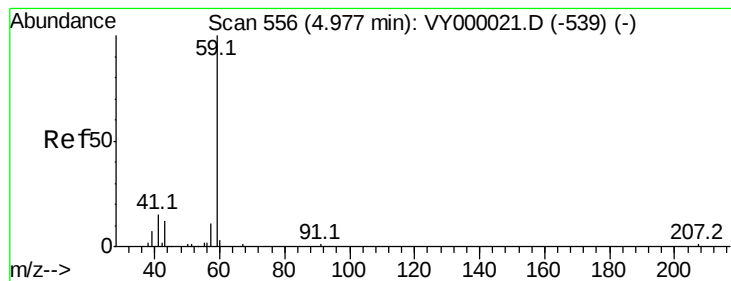
Acq: 12 Sep 2019 12:17

Tgt Ion:	142	Resp:	79654
Ion	Ratio	Lower	Upper
142	100		
127	39.3	31.4	47.2
141	13.3	10.6	16.0



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



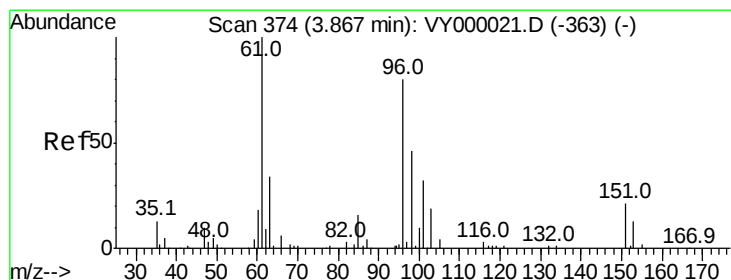
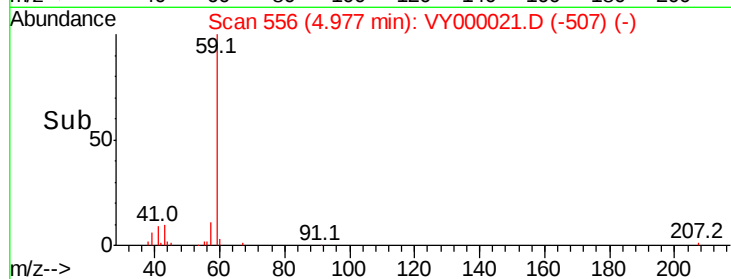
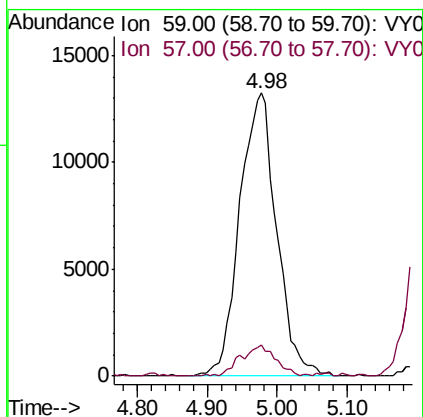
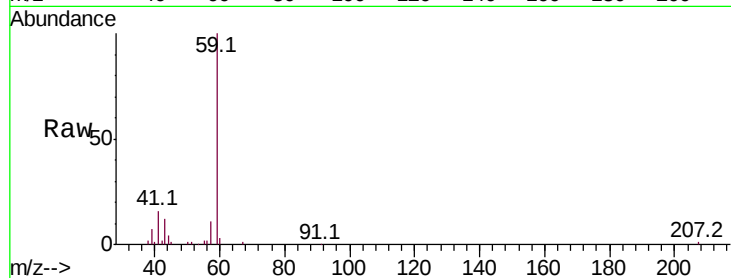


#11

Tert butyl alcohol
Concen: 253.283 ug/l
RT: 4.98 min Scan# 556
Delta R.T. 0.00 min
Lab File: VY000021.D
Acq: 12 Sep 2019 12:17

Instrument :
MSVOA_Y
ClientSampled :

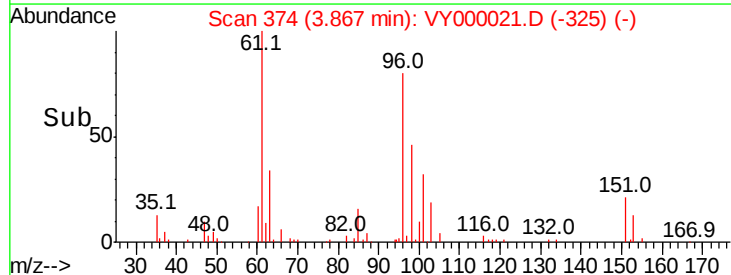
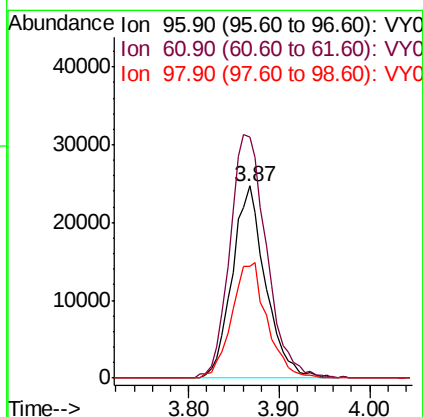
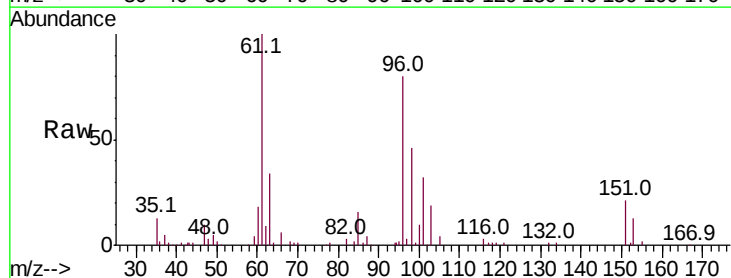
Tot Ion: 59 Resp: 48494
Ion Ratio Lower Upper
59 100
57 10.4 8.3 12.5

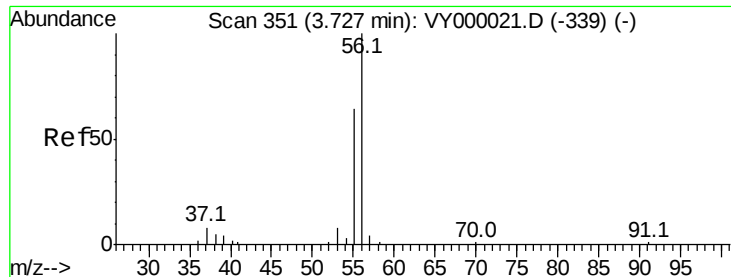


#12

1,1-Dichloroethene
Concen: 49.510 ug/l
RT: 3.87 min Scan# 374
Delta R.T. 0.00 min
Lab File: VY000021.D
Acq: 12 Sep 2019 12:17

Tgt Ion: 96 Resp: 63787
Ion Ratio Lower Upper
96 100
61 124.7 99.8 149.6
98 57.9 46.3 69.5





#13

Acrolein

Concen: 223.142 ug/l

RT: 3.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VY000021.D

Acq: 12 Sep 2019 12:17

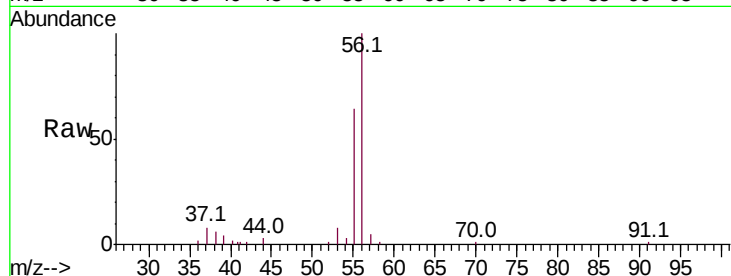
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 56 Resp: 32051

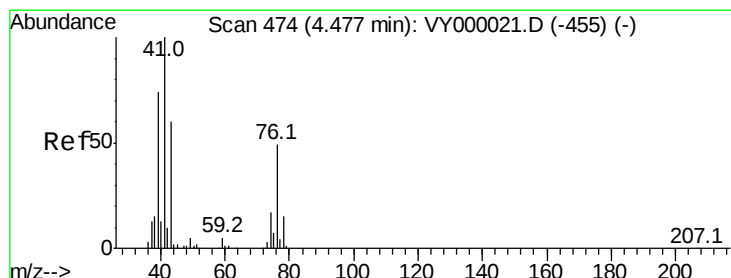
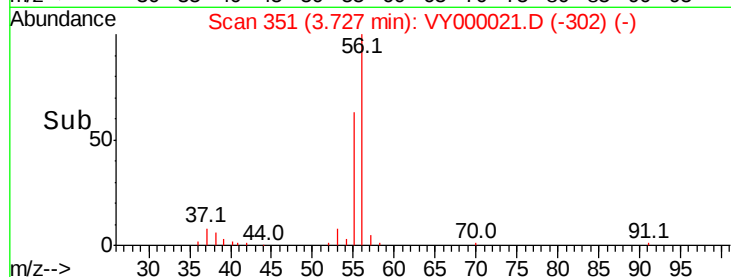
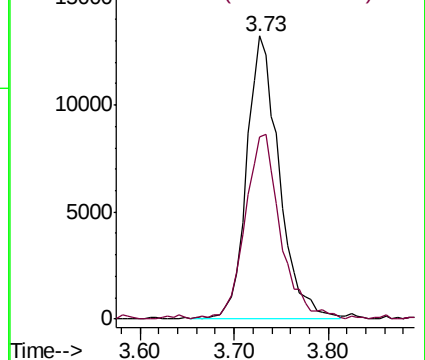
Ion Ratio Lower Upper

56 100

55 70.9 56.7 85.1



Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 55.00 (54.70 to 55.70): VY0



#14

Allyl chloride

Concen: 49.111 ug/l

RT: 4.48 min Scan# 474

Delta R.T. 0.00 min

Lab File: VY000021.D

Acq: 12 Sep 2019 12:17

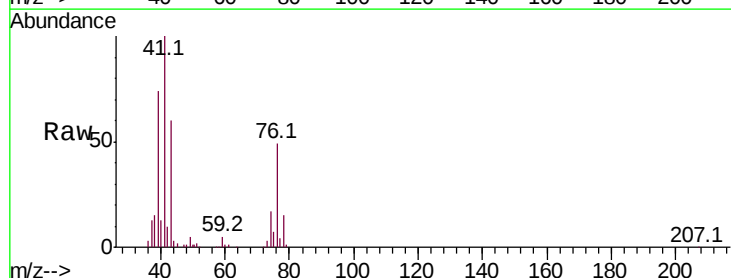
Tgt Ion: 41 Resp: 98241

Ion Ratio Lower Upper

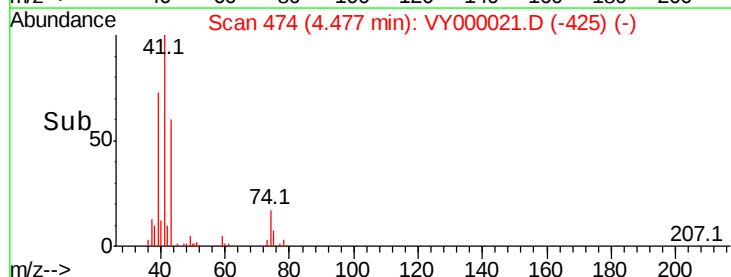
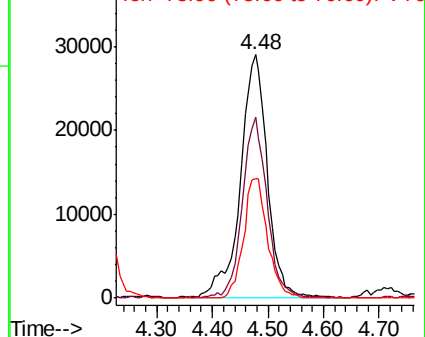
41 100

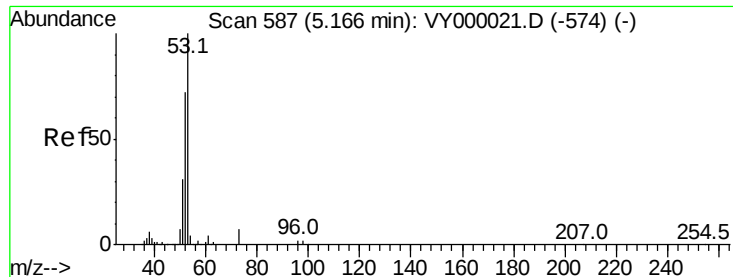
39 66.4 53.1 79.7

76 43.6 34.9 52.3



Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 75.90 (75.60 to 76.60): VY0





#15

Acrylonitrile

Concen: 256.663 ug/l

RT: 5.17 min Scan# 587

Delta R.T. 0.00 min

Lab File: VY000021.D

Acq: 12 Sep 2019 12:17

Instrument :
MSVOA_Y
ClientSampled :

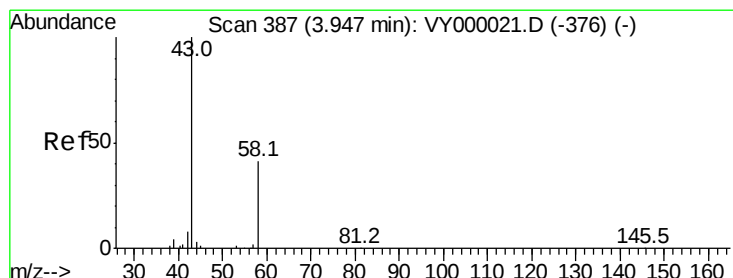
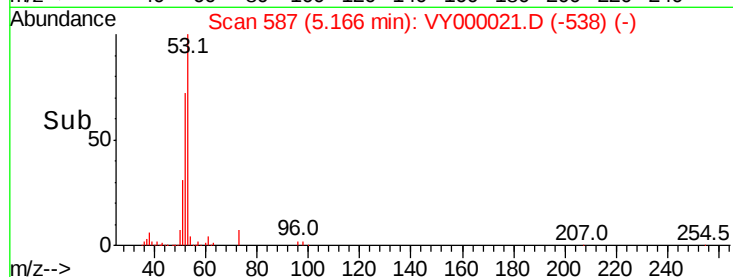
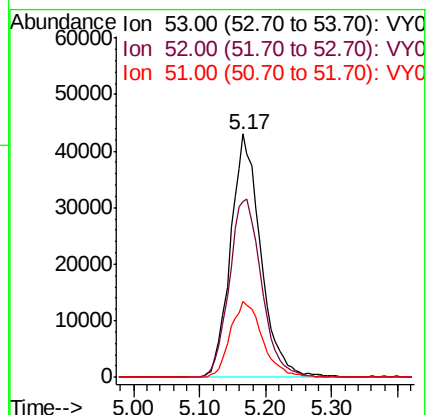
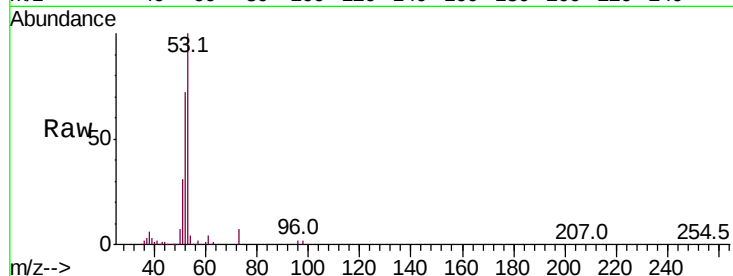
Tot Ion: 53 Resp: 135951

Ion Ratio Lower Upper

53 100

52 78.5 62.8 94.2

51 33.3 26.6 40.0



#16

Acetone

Concen: 254.089 ug/l

RT: 3.95 min Scan# 387

Delta R.T. 0.00 min

Lab File: VY000021.D

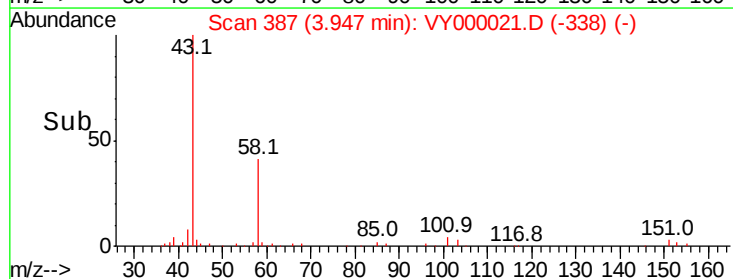
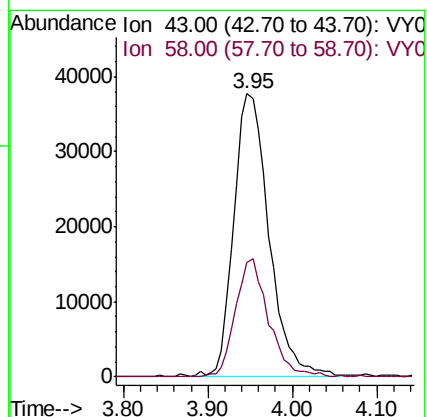
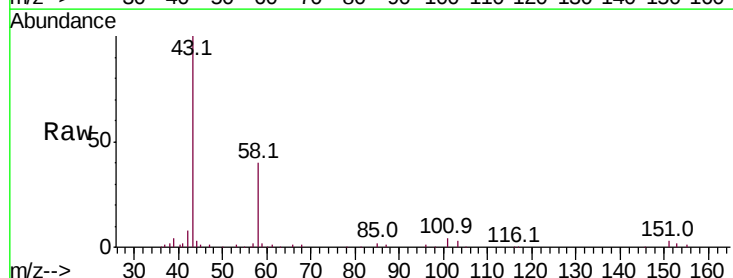
Acq: 12 Sep 2019 12:17

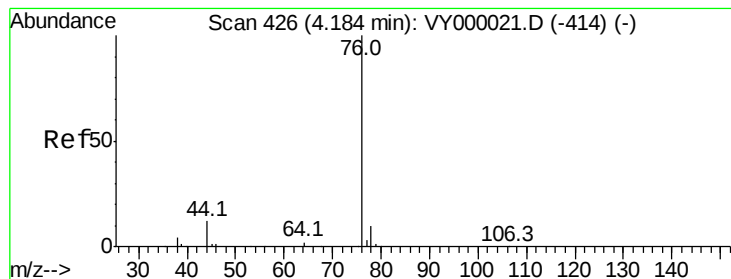
Tgt Ion: 43 Resp: 106095

Ion Ratio Lower Upper

43 100

58 40.6 32.5 48.7





#17

Carbon Disulfide

Concen: 45.898 ug/l

RT: 4.18 min Scan# 426

Delta R.T. 0.00 min

Lab File: VY000021.D

Acq: 12 Sep 2019 12:17

Instrument :

MSVOA_Y

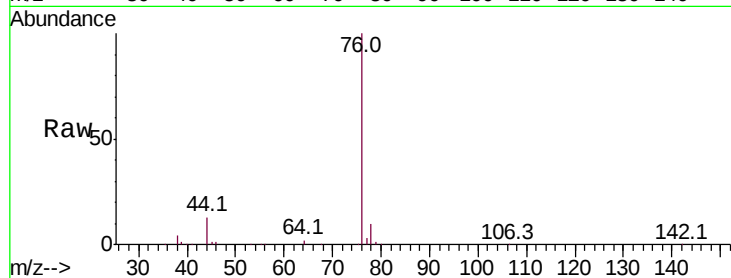
ClientSampleId :

Tot Ion: 76 Resp: 119082

Ion Ratio Lower Upper

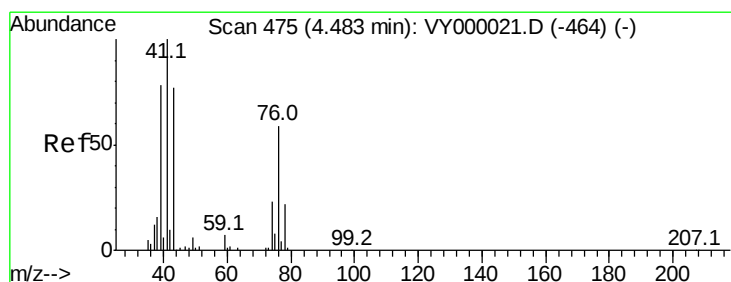
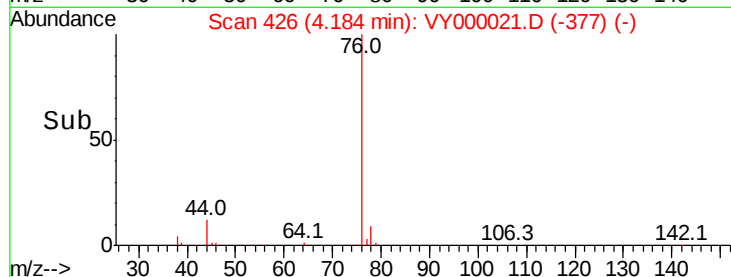
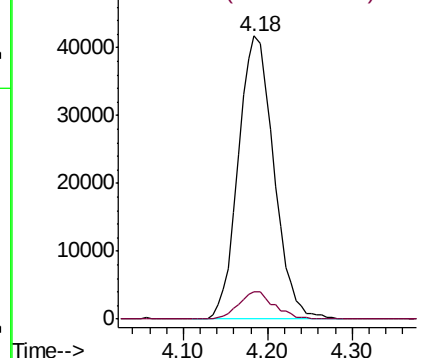
76 100

78 9.5 7.6 11.4



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 47.964 ug/l

RT: 4.48 min Scan# 475

Delta R.T. 0.00 min

Lab File: VY000021.D

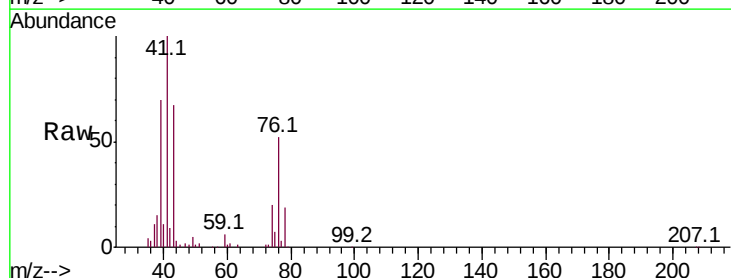
Acq: 12 Sep 2019 12:17

Tgt Ion: 43 Resp: 56358

Ion Ratio Lower Upper

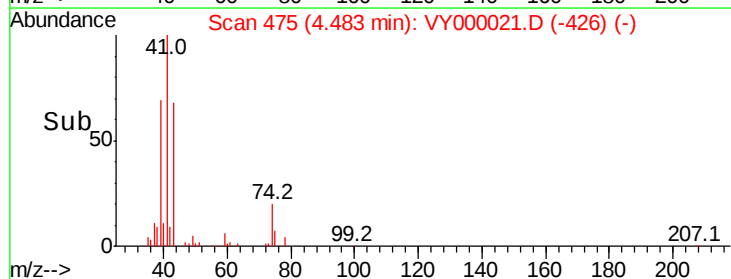
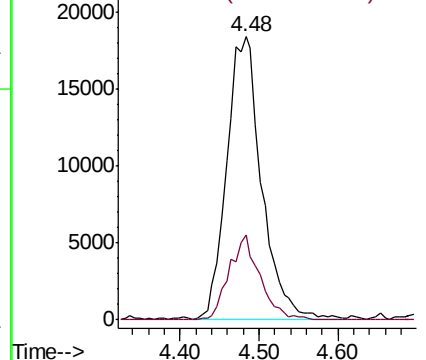
43 100

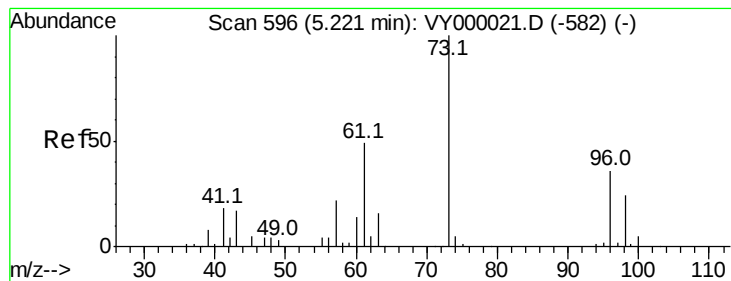
74 26.7 21.4 32.0



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0



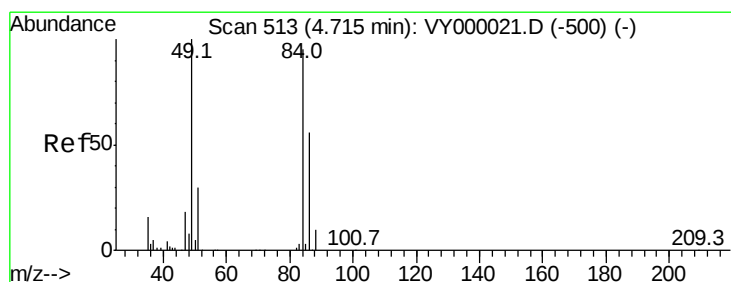
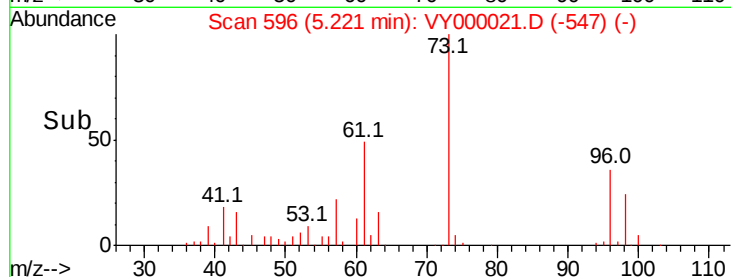
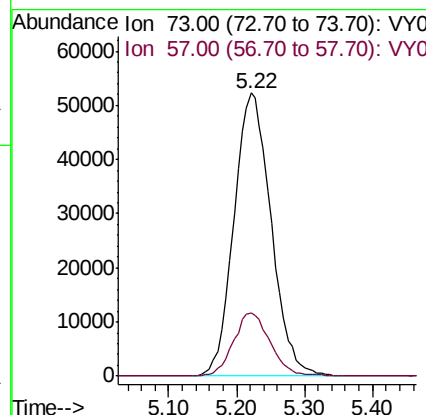
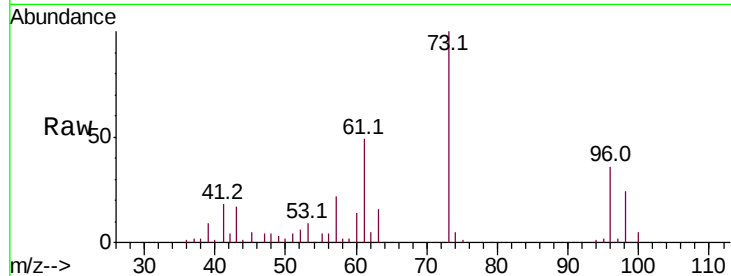


#19

Methyl tert-butyl Ether
 Concen: 50.714 ug/l
 RT: 5.22 min Scan# 596
 Delta R.T. 0.00 min
 Lab File: VY000021.D
 Acq: 12 Sep 2019 12:17

Instrument :
 MSVOA_Y
 ClientSampled :

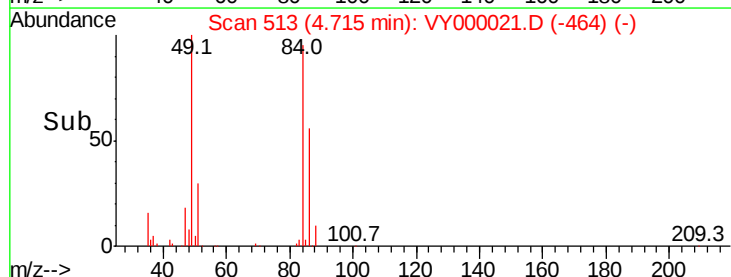
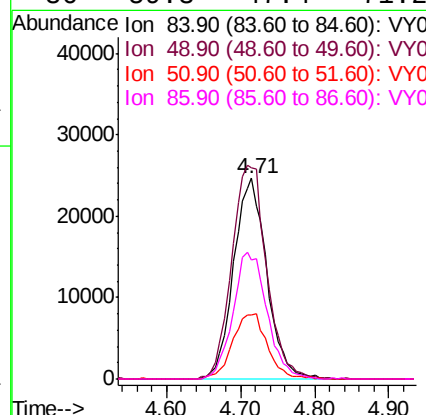
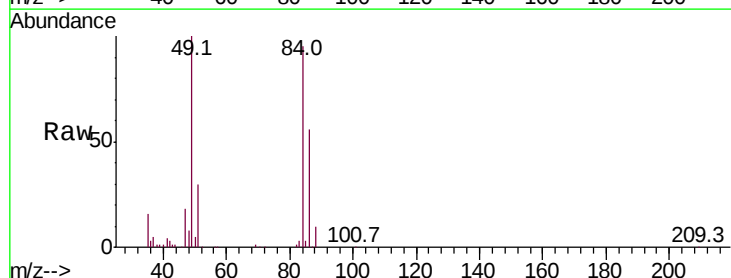
Tot Ion: 73 Resp: 197897
 Ion Ratio Lower Upper
 73 100
 57 22.3 17.8 26.8

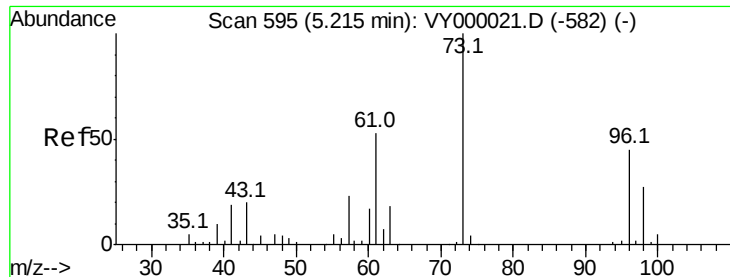


#20

Methylene Chloride
 Concen: 46.136 ug/l
 RT: 4.71 min Scan# 513
 Delta R.T. 0.00 min
 Lab File: VY000021.D
 Acq: 12 Sep 2019 12:17

Tgt Ion: 84 Resp: 76800
 Ion Ratio Lower Upper
 84 100
 49 105.5 84.4 126.6
 51 31.7 25.4 38.0
 86 59.3 47.4 71.2





#21

trans-1,2-Dichloroethene

Concen: 48.266 ug/l

RT: 5.21 min Scan# 595

Delta R.T. 0.00 min

Lab File: VY000021.D

Acq: 12 Sep 2019 12:17

Instrument :
MSVOA_Y
ClientSampled :

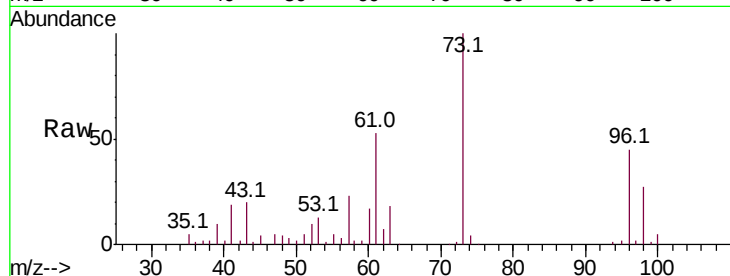
Tot Ion: 96 Resp: 68854

Ion Ratio Lower Upper

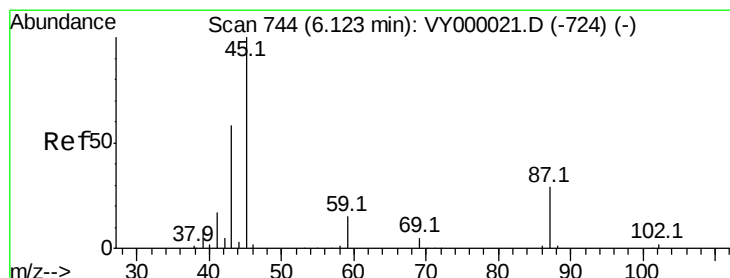
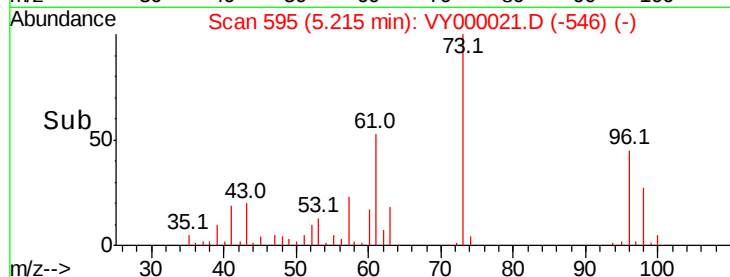
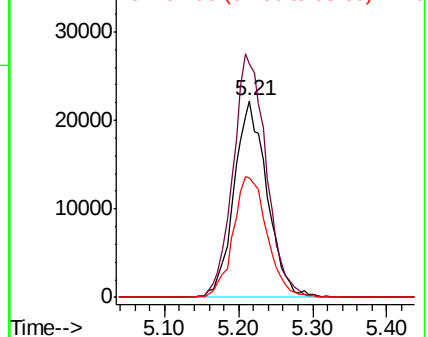
96 100

61 119.1 95.3 142.9

98 60.9 48.7 73.1



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



#22

Diisopropyl ether

Concen: 49.792 ug/l

RT: 6.12 min Scan# 744

Delta R.T. 0.00 min

Lab File: VY000021.D

Acq: 12 Sep 2019 12:17

Tgt Ion: 45 Resp: 219881

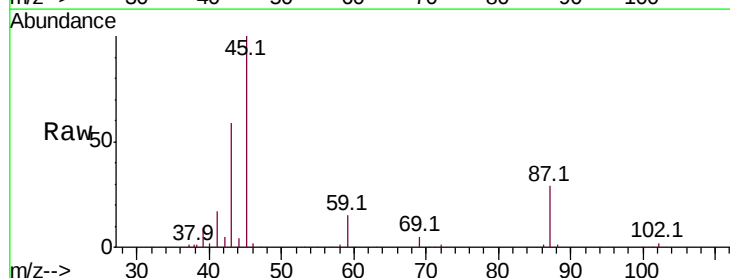
Ion Ratio Lower Upper

45 100

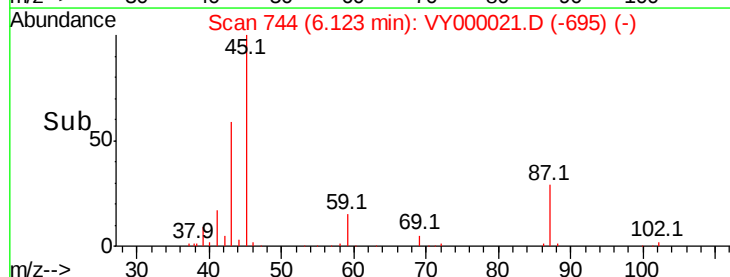
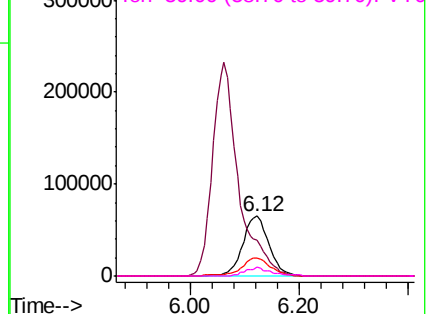
43 58.7 47.0 70.4

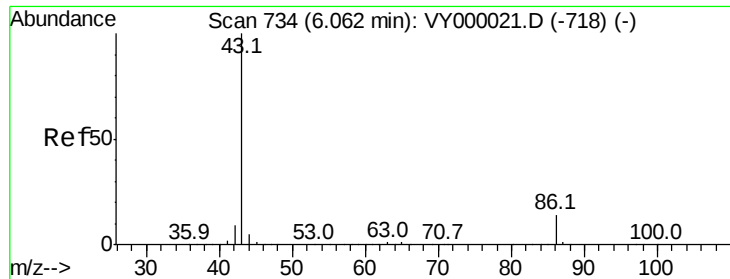
87 28.9 23.1 34.7

59 14.7 11.8 17.6



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





#23

Vinyl Acetate

Concen: 252.595 ug/l

RT: 6.06 min Scan# 734

Delta R.T. 0.00 min

Lab File: VY000021.D

Acq: 12 Sep 2019 12:17

Instrument :

MSVOA_Y

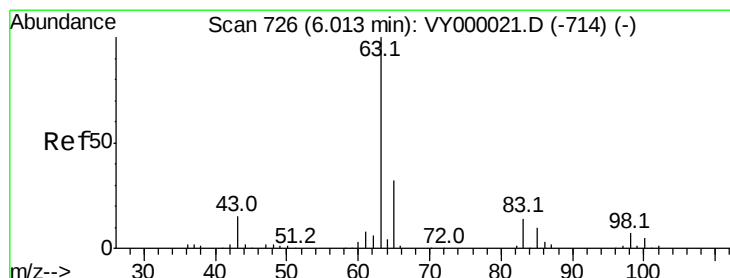
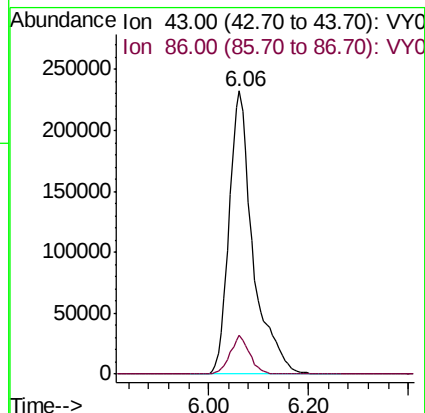
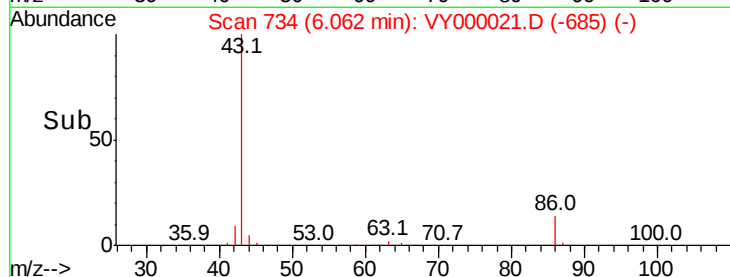
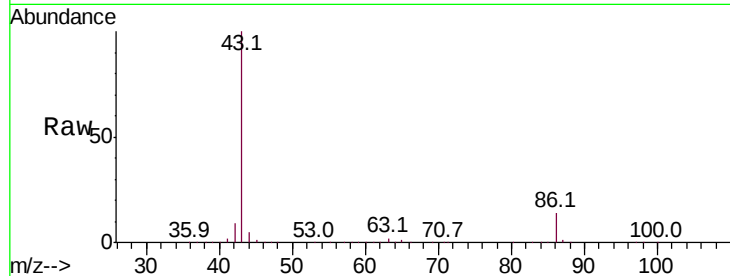
ClientSampled :

Tot Ion: 43 Resp: 771650

Ion Ratio Lower Upper

43 100

86 13.7 11.0 16.4



#24

1,1-Dichloroethane

Concen: 49.228 ug/l

RT: 6.01 min Scan# 726

Delta R.T. 0.00 min

Lab File: VY000021.D

Acq: 12 Sep 2019 12:17

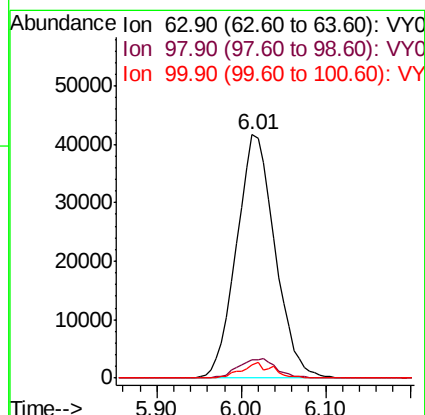
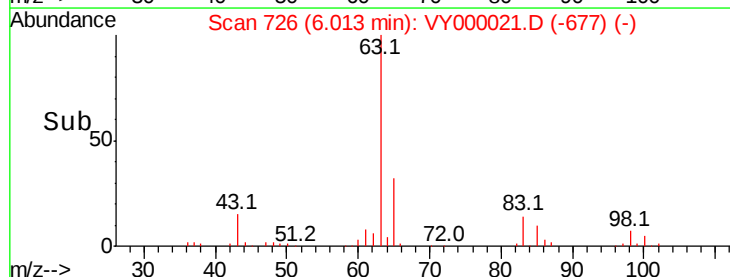
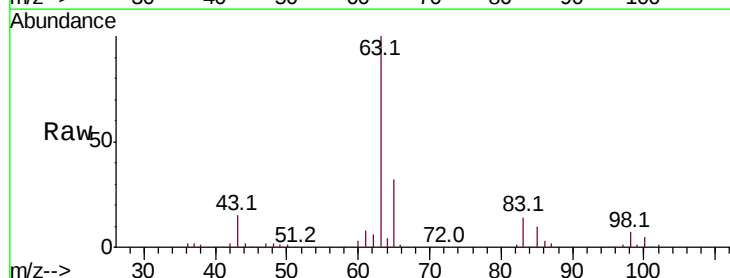
Tgt Ion: 63 Resp: 128823

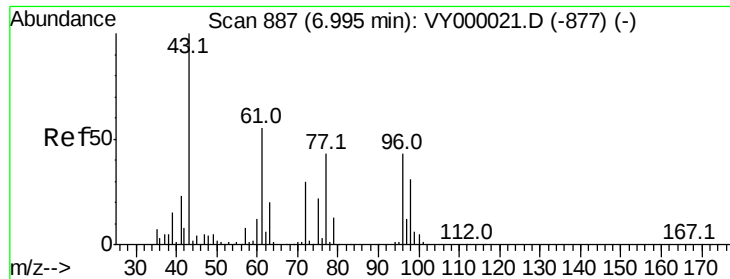
Ion Ratio Lower Upper

63 100

98 7.5 3.8 11.2

100 5.3 2.6 8.0





#25

2-Butanone

Concen: 255.371 ug/l

RT: 6.99 min Scan# 887

Delta R.T. 0.00 min

Lab File: VY000021.D

Acq: 12 Sep 2019 12:17

Instrument :

MSVOA_Y

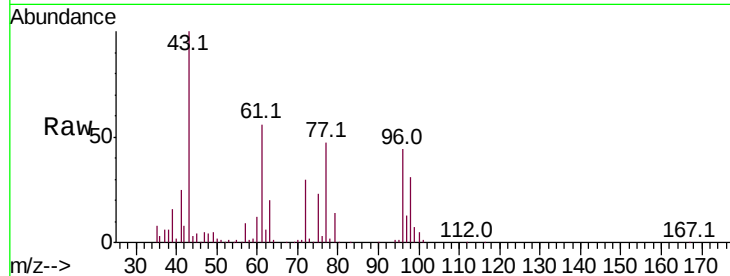
ClientSampleId :

Tot Ion: 43 Resp: 173324

Ion Ratio Lower Upper

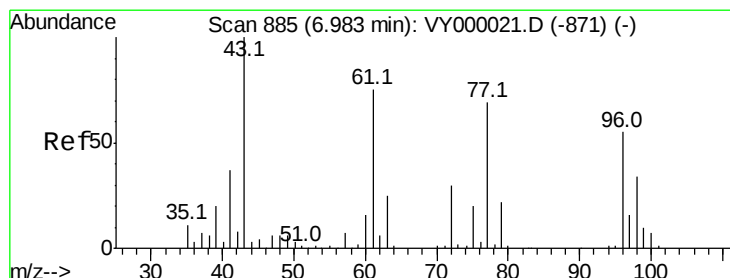
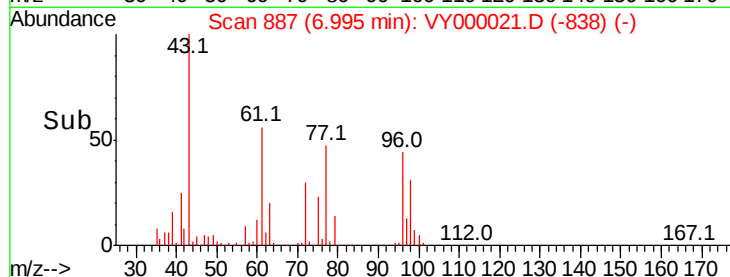
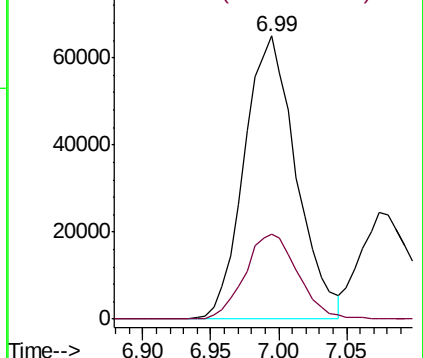
43 100

72 30.1 24.1 36.1



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0



#26

2,2-Dichloropropane

Concen: 47.887 ug/l

RT: 6.98 min Scan# 885

Delta R.T. 0.00 min

Lab File: VY000021.D

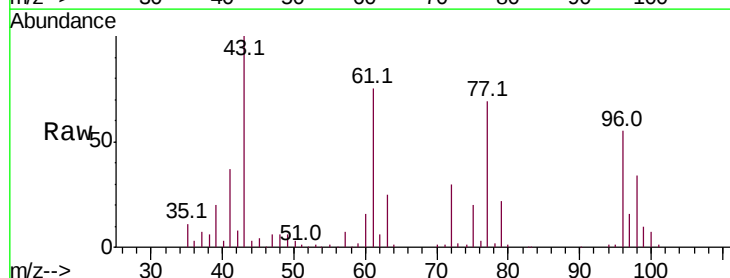
Acq: 12 Sep 2019 12:17

Tgt Ion: 77 Resp: 116414

Ion Ratio Lower Upper

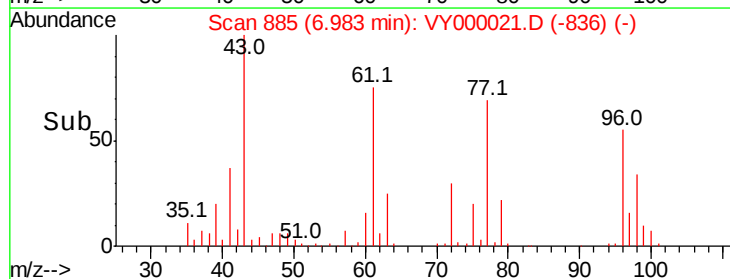
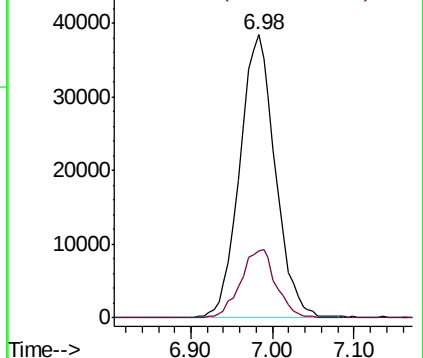
77 100

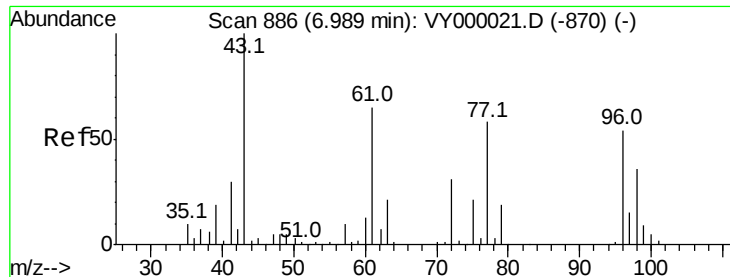
97 24.1 12.0 36.1



Abundance Ion 76.90 (76.60 to 77.60): VY0

Ion 96.90 (96.60 to 97.60): VY0



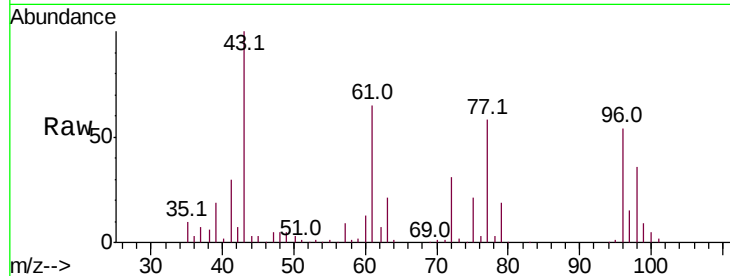


#27

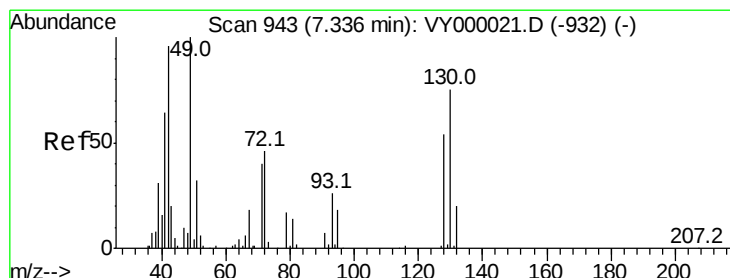
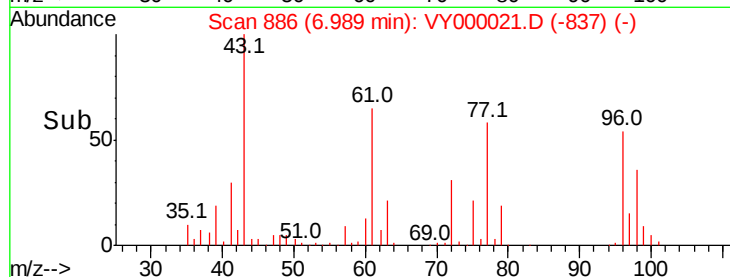
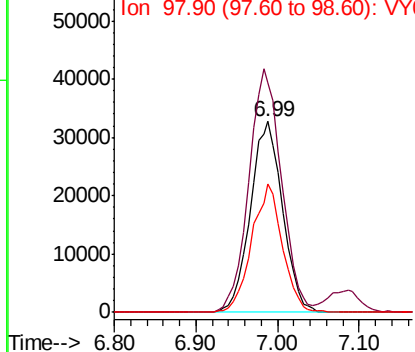
cis-1,2-Dichloroethene
Concen: 49.984 ug/l
RT: 6.99 min Scan# 886
Delta R.T. 0.00 min
Lab File: VY000021.D
Acq: 12 Sep 2019 12:17

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion	96	Resp	89963
Ion	Ratio	Lower	Upper
96	100		
61	129.6	0.0	259.2
98	63.7	0.0	127.4



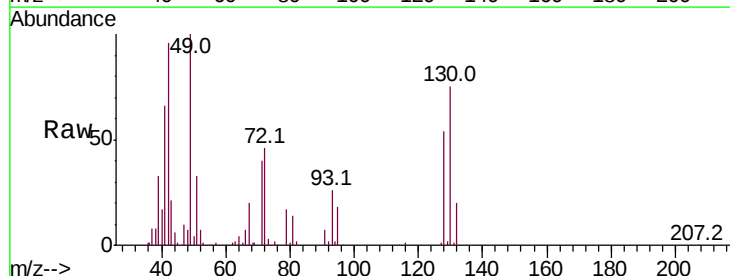
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



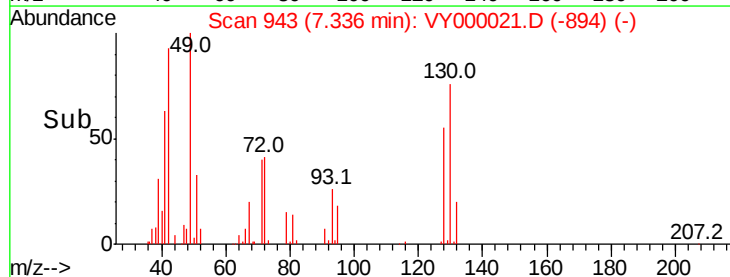
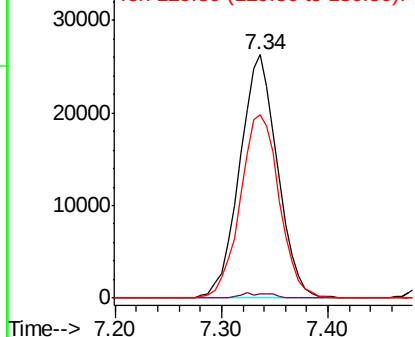
#28

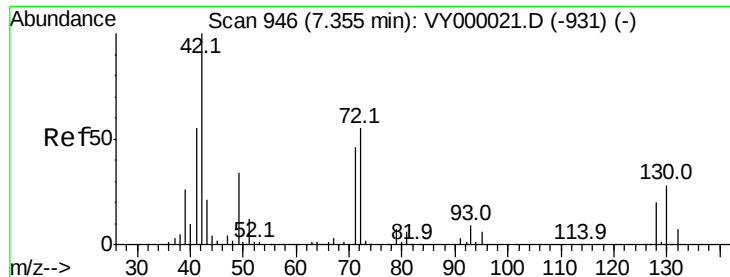
Bromochloromethane
Concen: 54.409 ug/l
RT: 7.34 min Scan# 943
Delta R.T. 0.00 min
Lab File: VY000021.D
Acq: 12 Sep 2019 12:17

Tgt Ion	49	Resp	65389
Ion	Ratio	Lower	Upper
49	100		
129	0.9	0.0	1.8
130	78.1	62.5	93.7



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

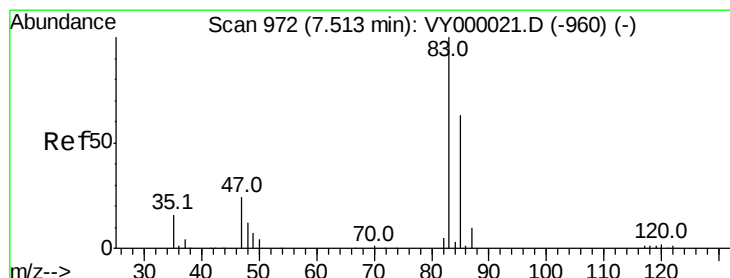
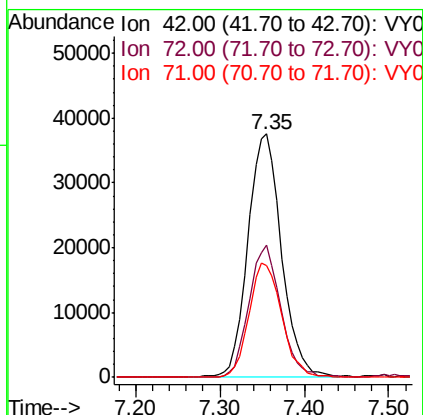
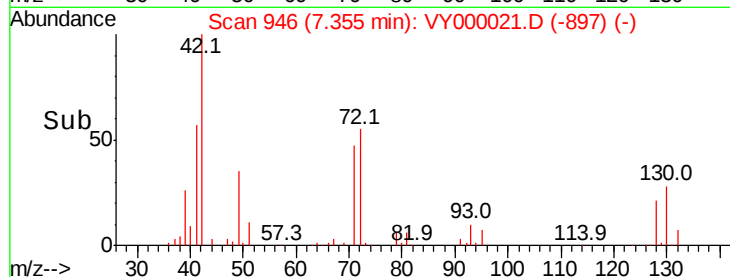
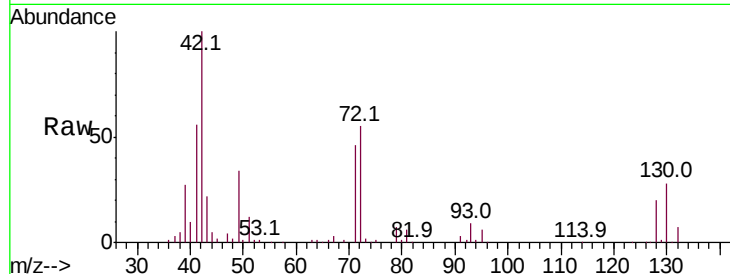




#29
Tetrahydrofuran
Concen: 252.285 ug/l
RT: 7.35 min Scan# 946
Delta R.T. 0.00 min
Lab File: VY000021.D
Acq: 12 Sep 2019 12:17

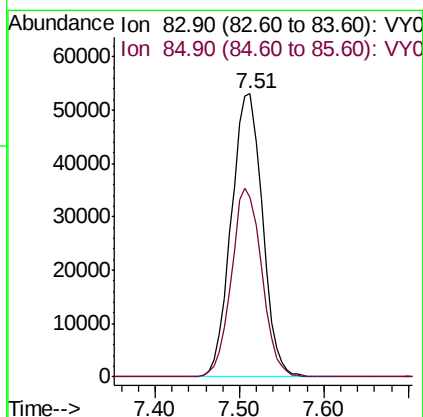
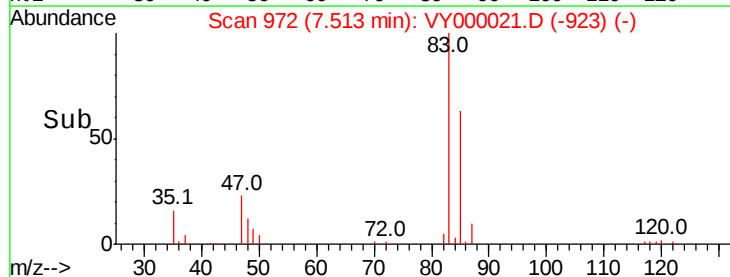
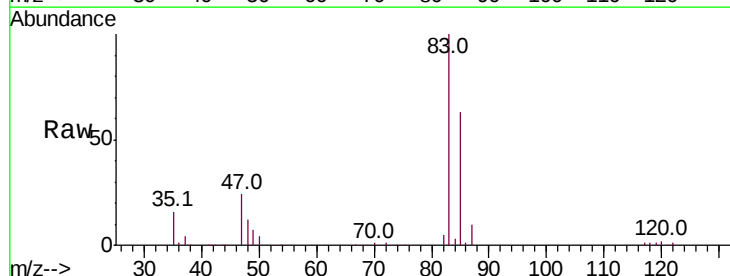
Instrument :
MSVOA_Y
ClientSampled :

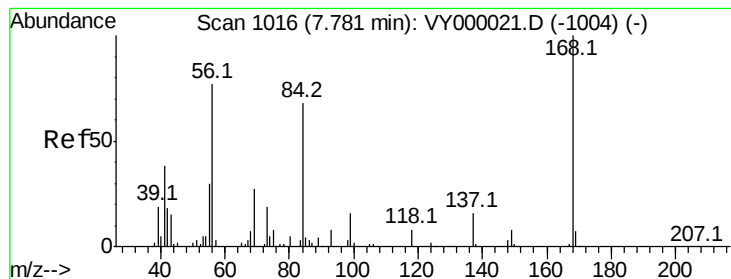
Tot Ion	Ratio	Lower	Upper
42	100		
72	51.4	41.1	61.7
71	45.6	36.5	54.7



#30
Chloroform
Concen: 49.129 ug/l
RT: 7.51 min Scan# 972
Delta R.T. 0.00 min
Lab File: VY000021.D
Acq: 12 Sep 2019 12:17

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.3	50.6	76.0





#31

Cyclohexane

Concen: 45.273 ug/l

RT: 7.78 min Scan# 1016

Delta R.T. 0.00 min

Lab File: VY000021.D

Acq: 12 Sep 2019 12:17

Instrument :
MSVOA_Y
ClientSampled :

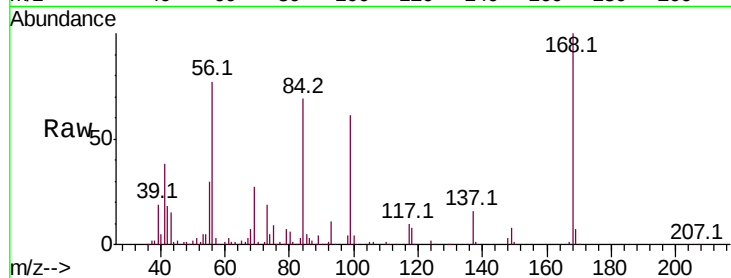
Tot Ion: 56 Resp: 98740

Ion Ratio Lower Upper

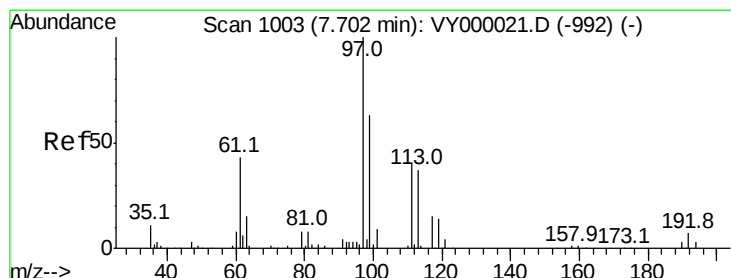
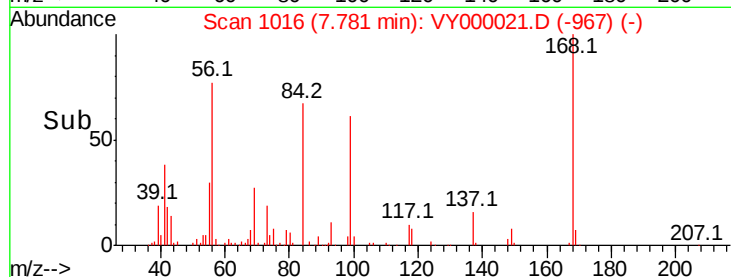
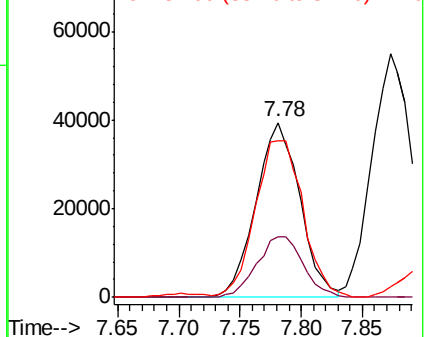
56 100

69 35.0 28.0 42.0

84 88.0 70.4 105.6



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: 49.423 ug/l

RT: 7.70 min Scan# 1003

Delta R.T. 0.00 min

Lab File: VY000021.D

Acq: 12 Sep 2019 12:17

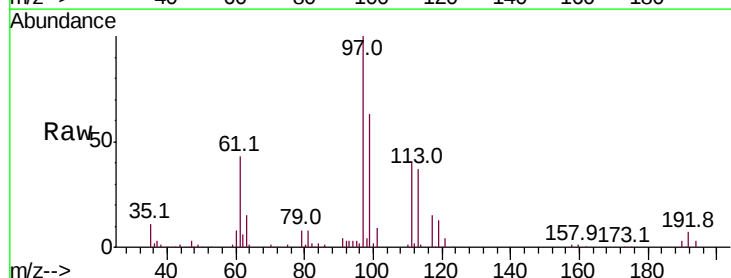
Tgt Ion: 97 Resp: 109406

Ion Ratio Lower Upper

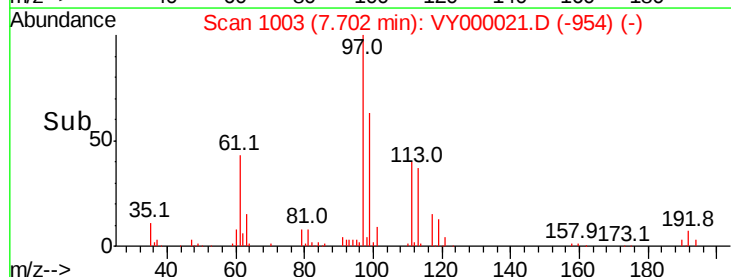
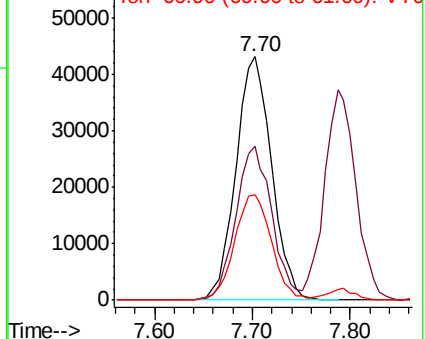
97 100

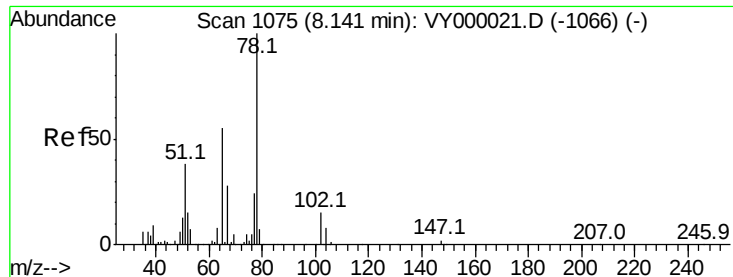
99 63.8 51.0 76.6

61 44.6 35.7 53.5



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

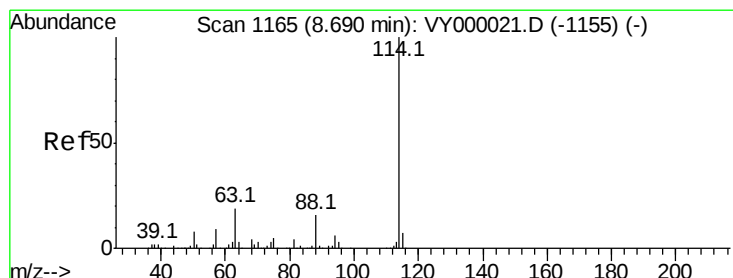
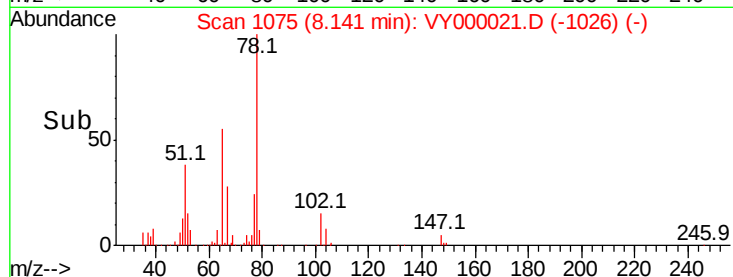
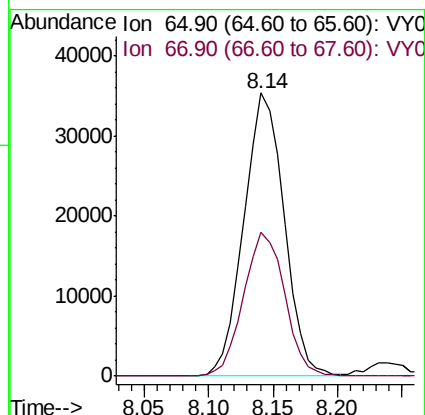
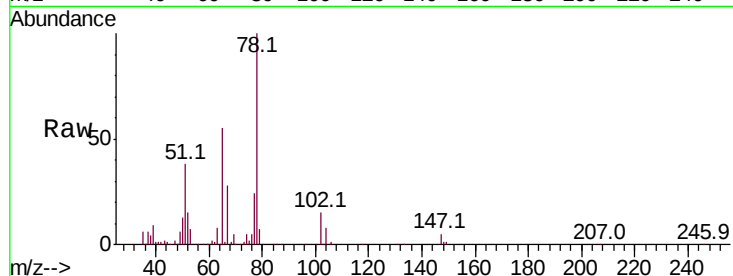




#33
 1,2-Dichloroethane-d4
 Concen: 50.824 ug/l
 RT: 8.14 min Scan# 1075
 Delta R.T. 0.00 min
 Lab File: VY000021.D
 Acq: 12 Sep 2019 12:17

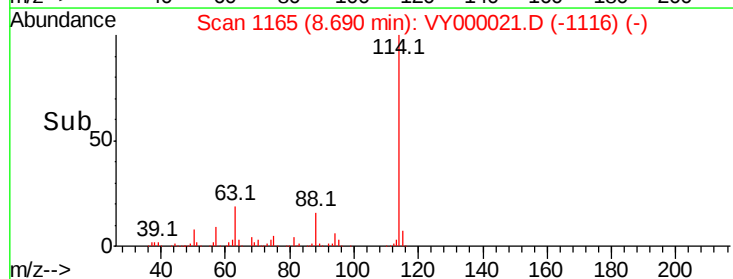
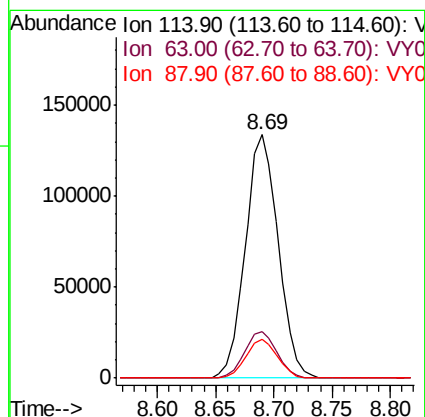
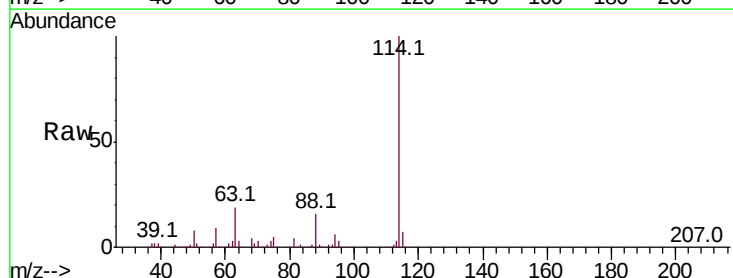
Instrument :
 MSVOA_Y
 ClientSampleId :

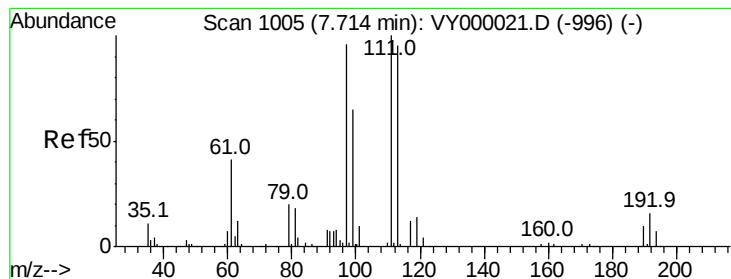
Tot Ion: 65 Resp: 76540
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1165
 Delta R.T. 0.00 min
 Lab File: VY000021.D
 Acq: 12 Sep 2019 12:17

Tgt Ion: 114 Resp: 263361
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 38.6
 88 15.9 0.0 31.8





#35

Dibromofluoromethane

Concen: 48.315 ug/l

RT: 7.71 min Scan# 1005

Delta R.T. 0.00 min

Lab File: VY000021.D

Acq: 12 Sep 2019 12:17

Instrument :
MSVOA_Y
ClientSampleId :

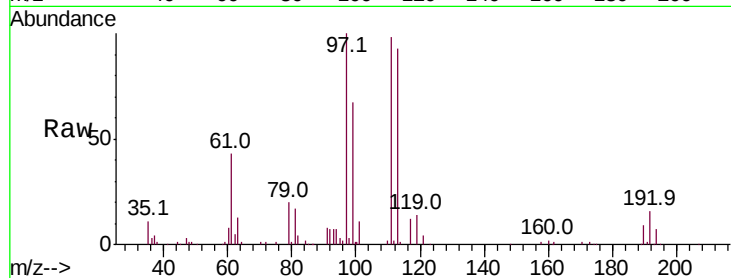
Tot Ion:113 Resp: 72999

Ion Ratio Lower Upper

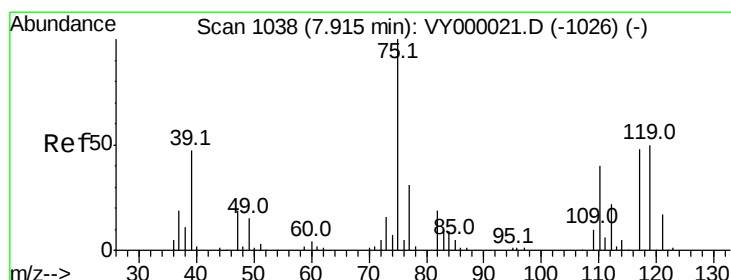
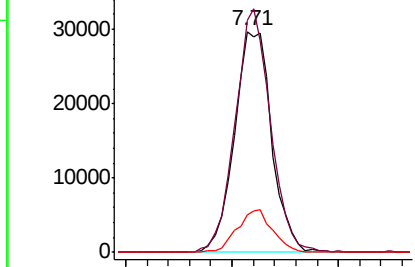
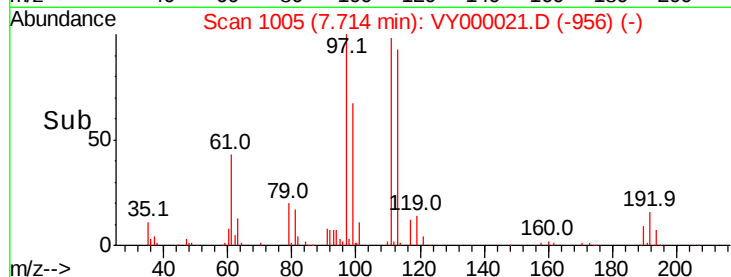
113 100

111 104.9 83.9 125.9

192 18.1 14.5 21.7



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: 49.199 ug/l

RT: 7.92 min Scan# 1038

Delta R.T. 0.00 min

Lab File: VY000021.D

Acq: 12 Sep 2019 12:17

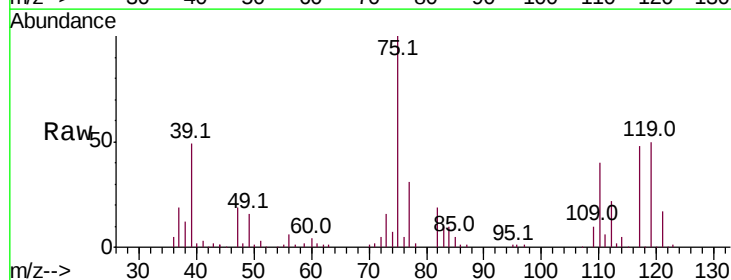
Tgt Ion: 75 Resp: 95134

Ion Ratio Lower Upper

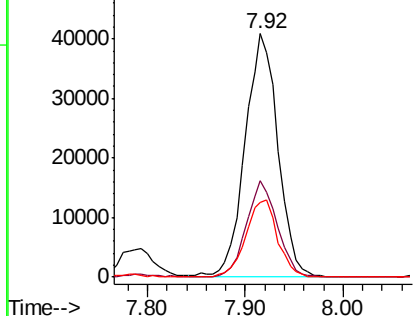
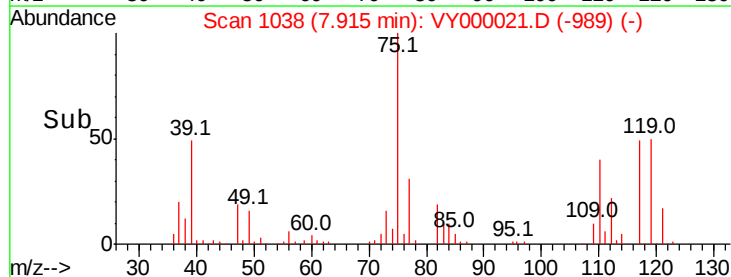
75 100

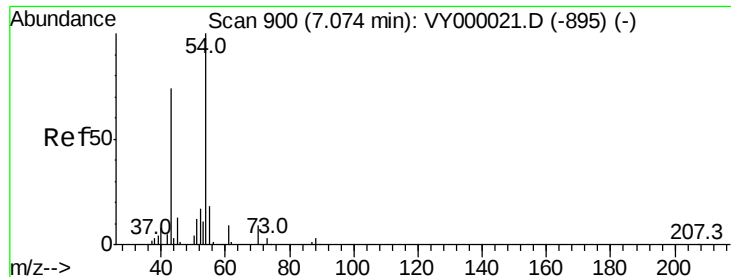
110 37.2 18.6 55.8

77 30.5 24.4 36.6



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

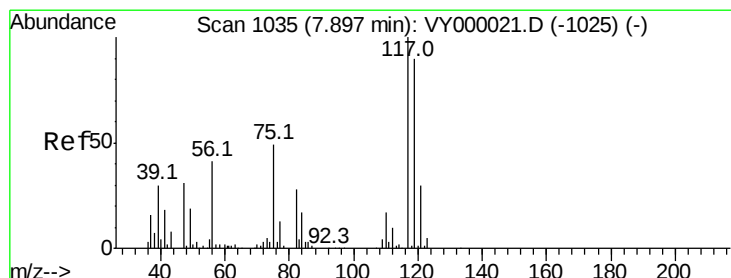
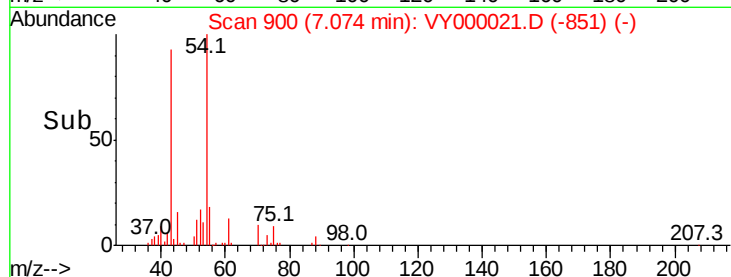
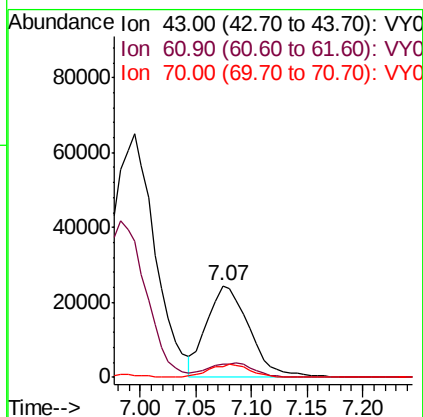
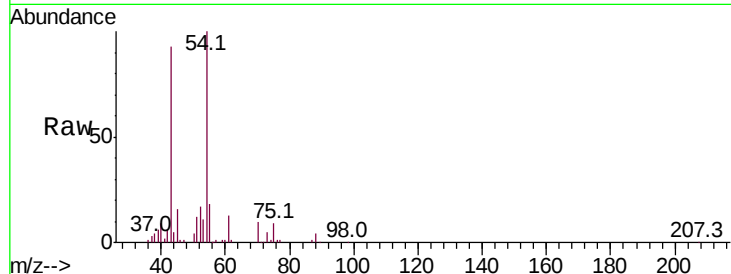




#37
Ethyl Acetate
Concen: 49.902 ug/l
RT: 7.07 min Scan# 900
Delta R.T. 0.00 min
Lab File: VY000021.D
Acq: 12 Sep 2019 12:17

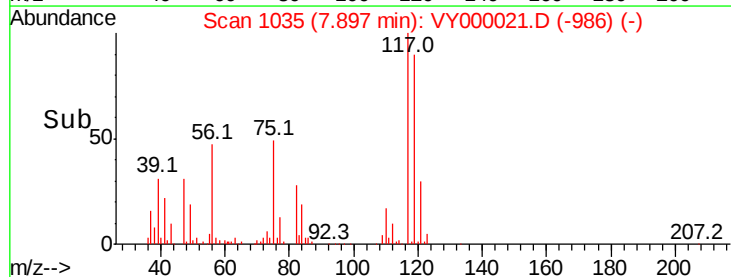
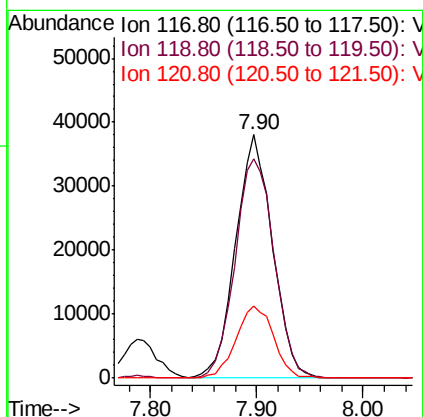
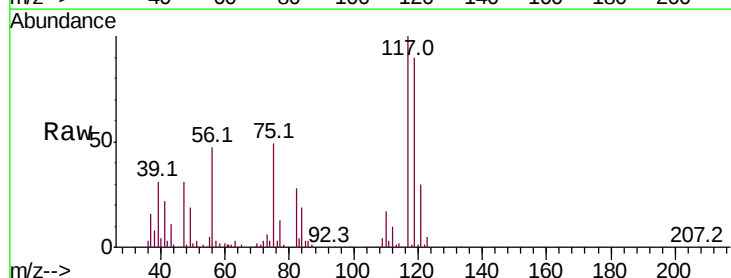
Instrument :
MSVOA_Y
ClientSampled :

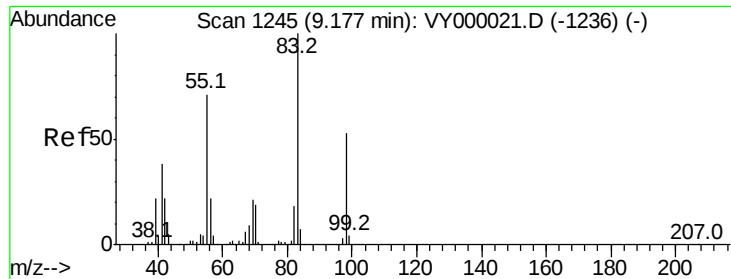
Tot Ion: 43 Resp: 65068
Ion Ratio Lower Upper
43 100
61 16.4 13.1 19.7
70 13.6 10.9 16.3



#38
Carbon Tetrachloride
Concen: 50.596 ug/l
RT: 7.90 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VY000021.D
Acq: 12 Sep 2019 12:17

Tgt Ion: 117 Resp: 92348
Ion Ratio Lower Upper
117 100
119 90.1 72.1 108.1
121 29.9 23.9 35.9

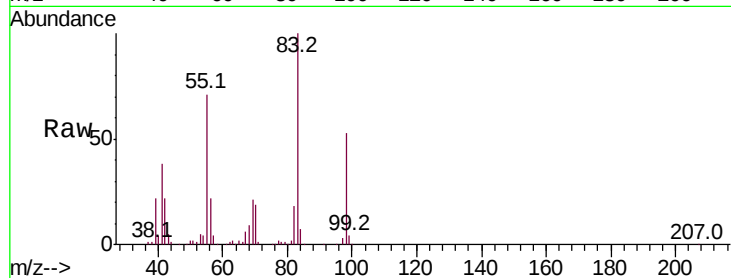




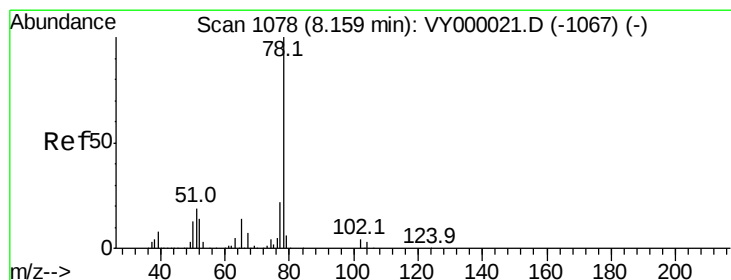
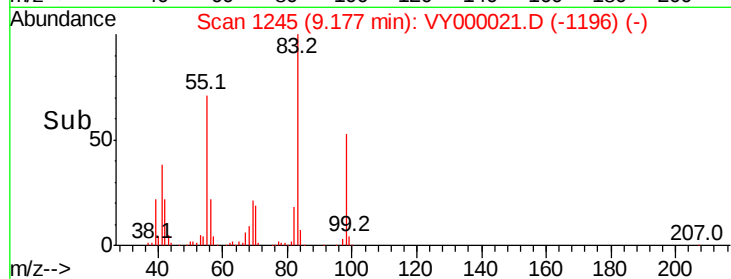
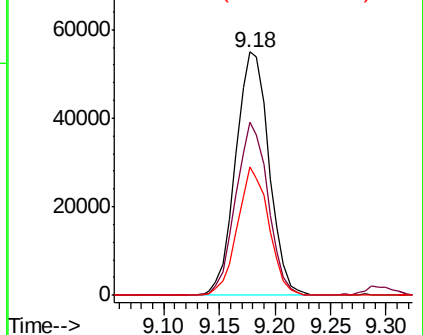
#39
Methvlcvclohexane
Concen: 47.838 ug/l
RT: 9.18 min Scan# 1245
Delta R.T. 0.00 min
Lab File: VY000021.D
Acq: 12 Sep 2019 12:17

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion	83	Resp	114285
Ion Ratio	100	Lower	Upper
55	71.2	57.0	85.4
98	52.5	42.0	63.0

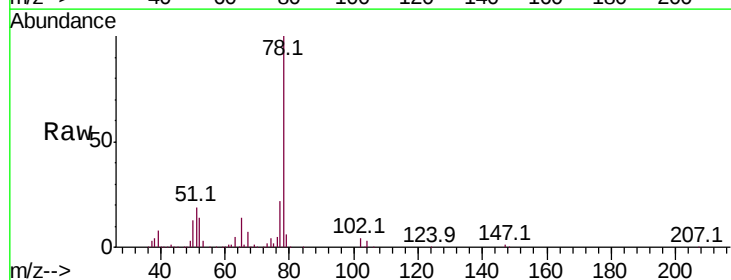


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

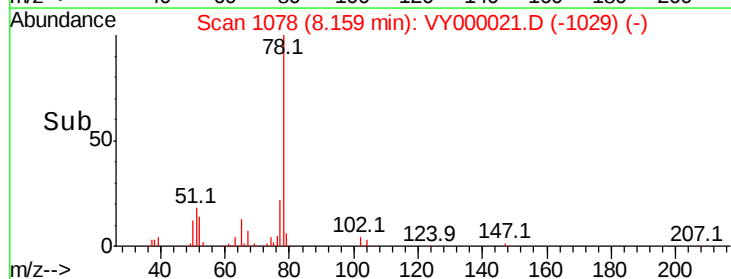
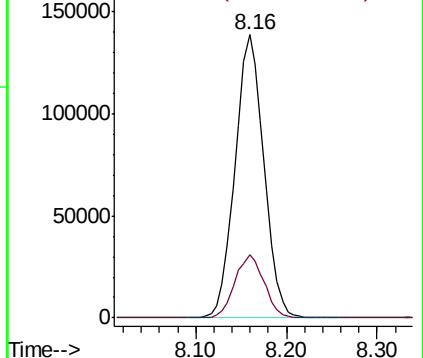


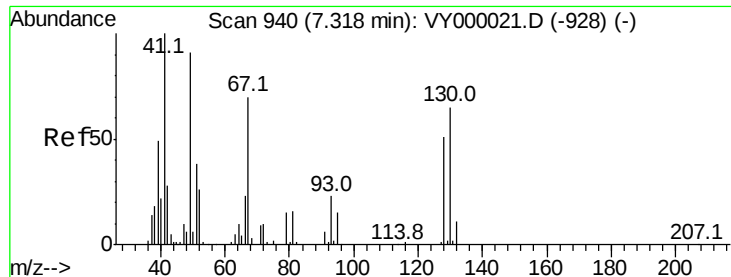
#40
Benzene
Concen: 48.419 ug/l
RT: 8.16 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VY000021.D
Acq: 12 Sep 2019 12:17

Tgt Ion	78	Resp	304815
Ion Ratio	100	Lower	Upper
77	22.2	17.8	26.6



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

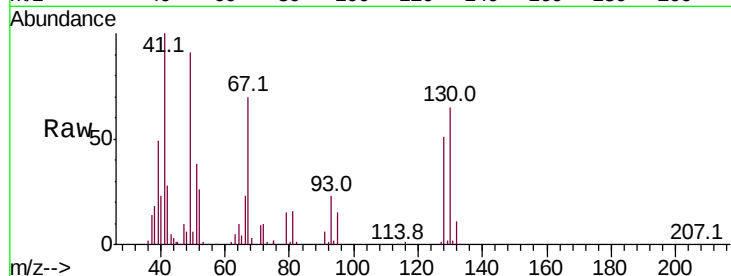




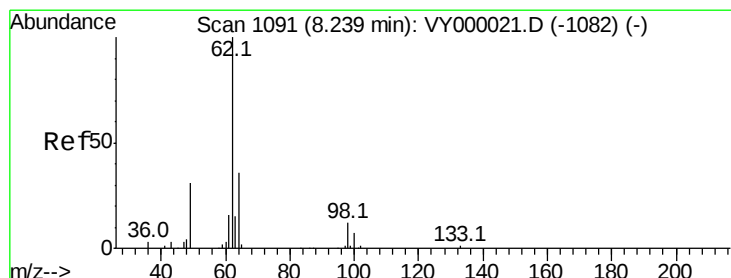
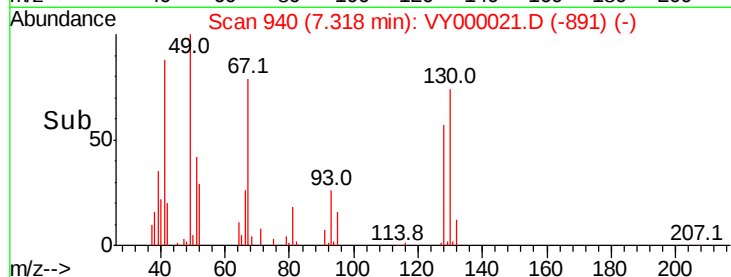
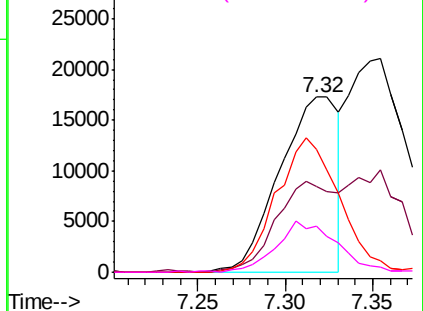
#41
Methacrylonitrile
Concen: 24.061 ug/l
RT: 7.32 min Scan# 940
Delta R.T. 0.00 min
Lab File: VY000021.D
Acq: 12 Sep 2019 12:17

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 41 Resp: 40746
Ion Ratio Lower Upper
41 100
39 52.2 41.8 62.6
67 82.2 65.8 98.6
52 29.9 23.9 35.9

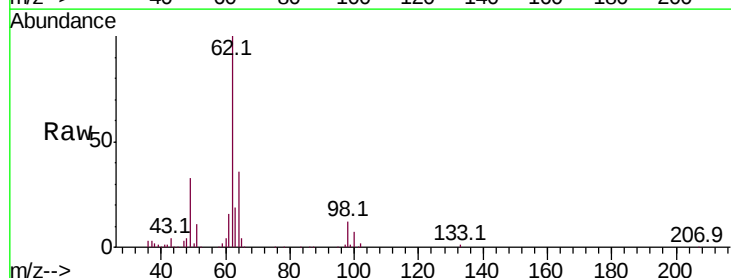


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

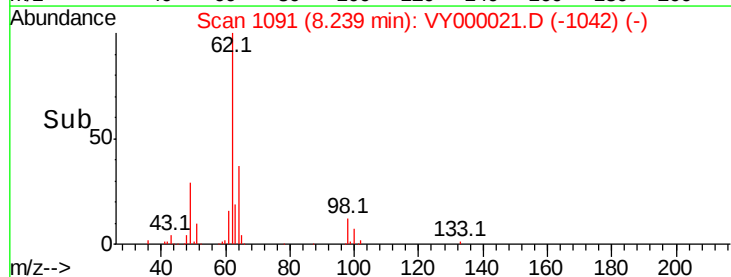
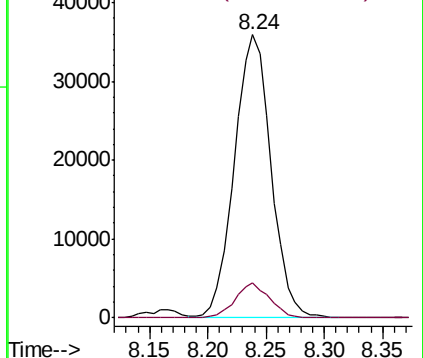


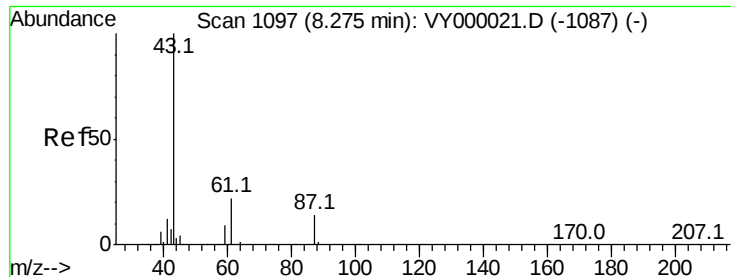
#42
1,2-Dichloroethane
Concen: 48.995 ug/l
RT: 8.24 min Scan# 1091
Delta R.T. 0.00 min
Lab File: VY000021.D
Acq: 12 Sep 2019 12:17

Tgt Ion: 62 Resp: 78825
Ion Ratio Lower Upper
62 100
98 11.6 0.0 23.2



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





#43

Isopropyl Acetate

Concen: 49.476 ug/l

RT: 8.28 min Scan# 1097

Delta R.T. 0.00 min

Lab File: VY000021.D

Acq: 12 Sep 2019 12:17

Instrument :

MSVOA_Y

ClientSampleId :

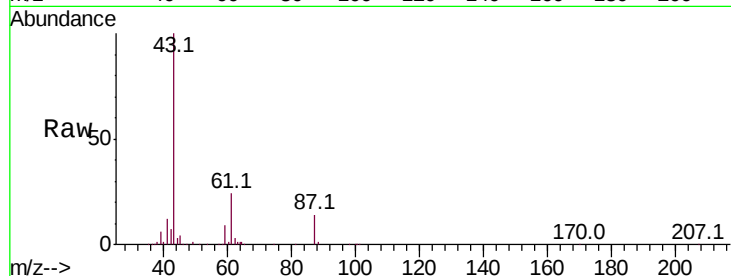
Tot Ion: 43 Resp: 125014

Ion Ratio Lower Upper

43 100

61 31.1 24.9 37.3

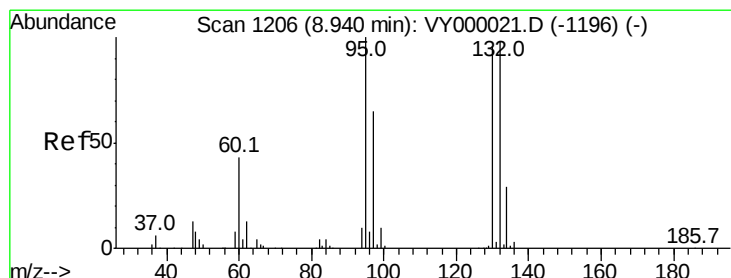
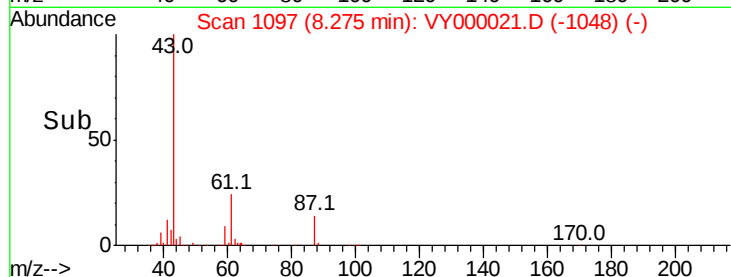
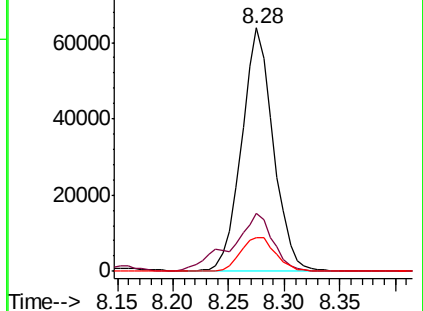
87 15.4 12.3 18.5



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 61.00 (60.70 to 61.70): VY0

Ion 87.00 (86.70 to 87.70): VY0



#44

Trichloroethene

Concen: 49.433 ug/l

RT: 8.94 min Scan# 1206

Delta R.T. 0.00 min

Lab File: VY000021.D

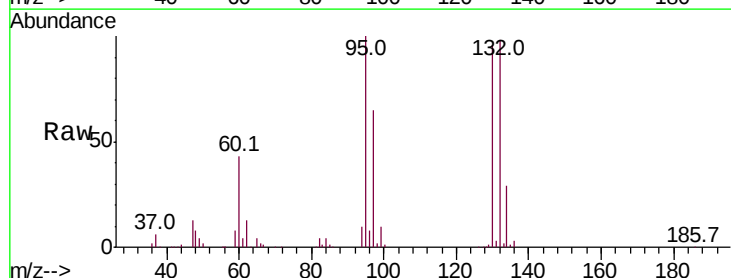
Acq: 12 Sep 2019 12:17

Tgt Ion: 130 Resp: 77702

Ion Ratio Lower Upper

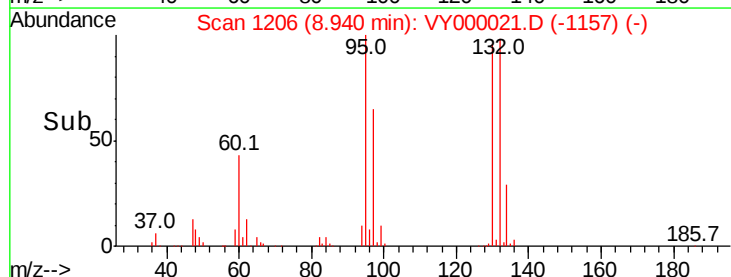
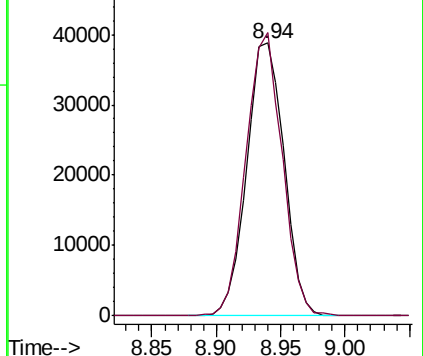
130 100

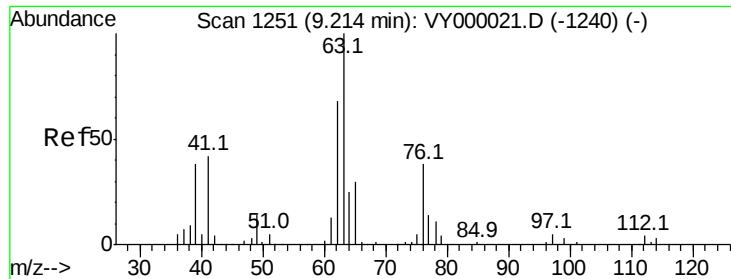
95 103.7 0.0 207.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VY0

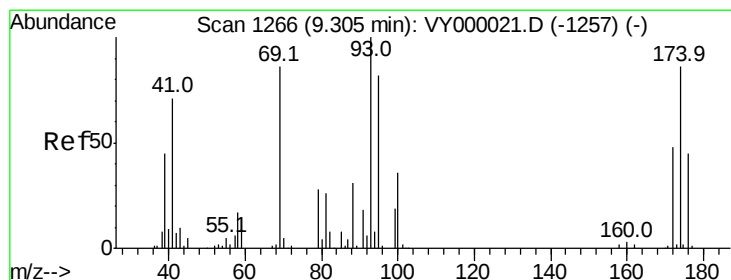
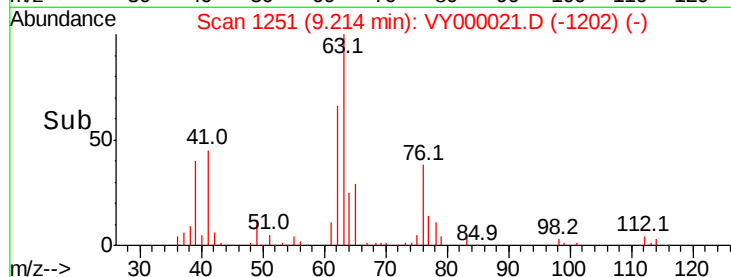
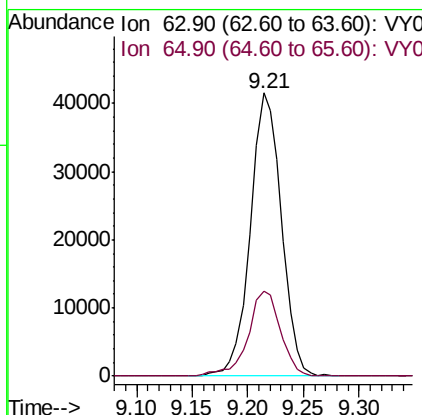
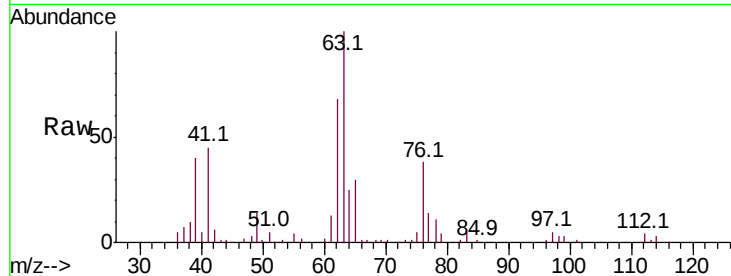




#45
 1,2-Dichloropropane
 Concen: 49.818 ug/l
 RT: 9.21 min Scan# 1251
 Delta R.T. 0.00 min
 Lab File: VY000021.D
 Acq: 12 Sep 2019 12:17

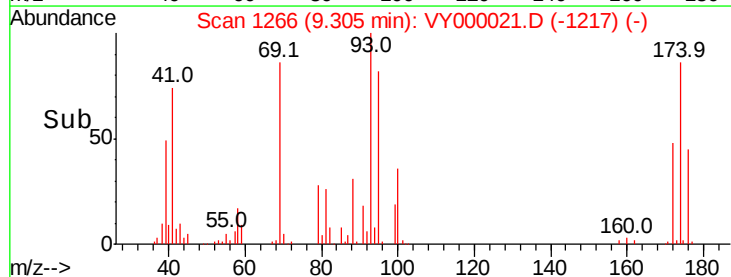
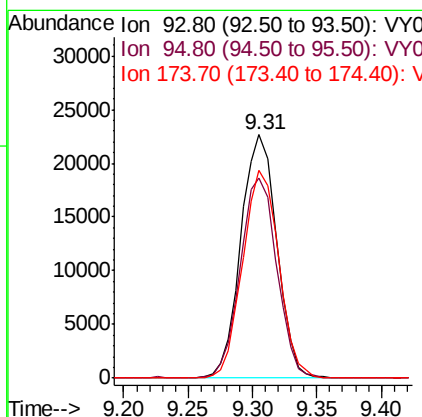
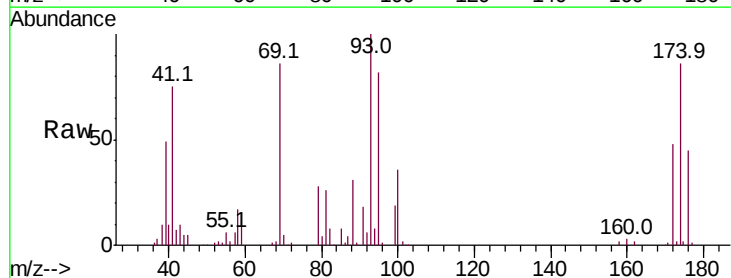
Instrument :
 MSVOA_Y
 ClientSampleId :

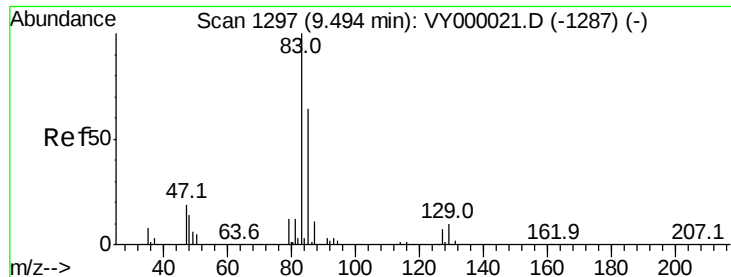
Tot Ion: 63 Resp: 80869
 Ion Ratio Lower Upper
 63 100
 65 30.1 24.1 36.1



#46
 Dibromomethane
 Concen: 48.464 ug/l
 RT: 9.31 min Scan# 1266
 Delta R.T. 0.00 min
 Lab File: VY000021.D
 Acq: 12 Sep 2019 12:17

Tgt Ion: 93 Resp: 43661
 Ion Ratio Lower Upper
 93 100
 95 83.8 67.0 100.6
 174 86.0 68.8 103.2

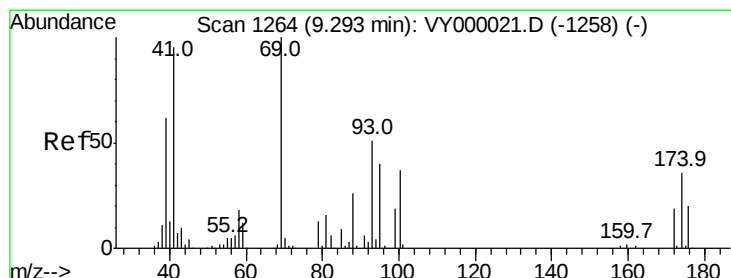
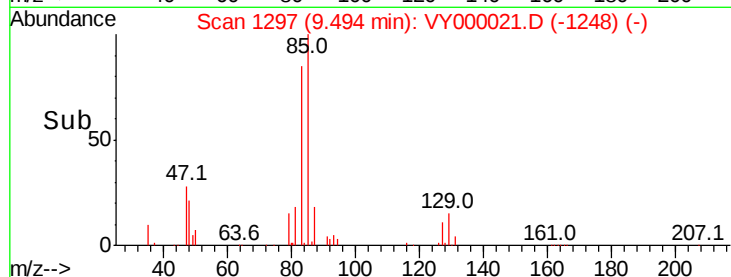
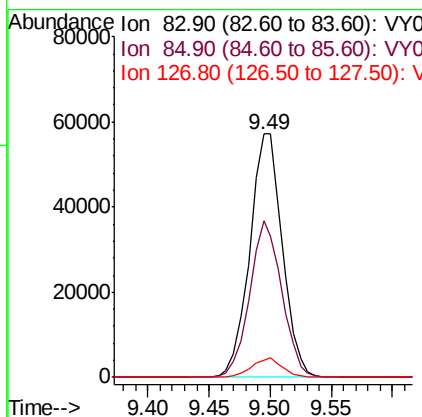
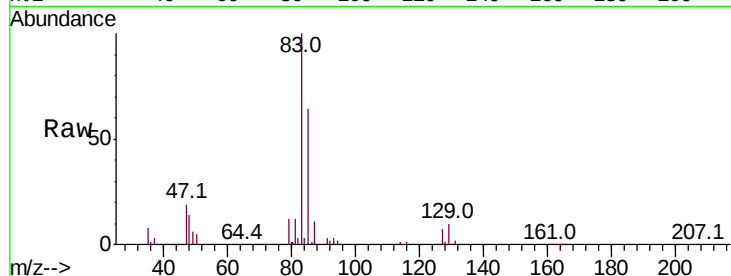




#47
 Bromodichloromethane
 Concen: 49.321 ug/l
 RT: 9.49 min Scan# 1297
 Delta R.T. 0.00 min
 Lab File: VY000021.D
 Acq: 12 Sep 2019 12:17

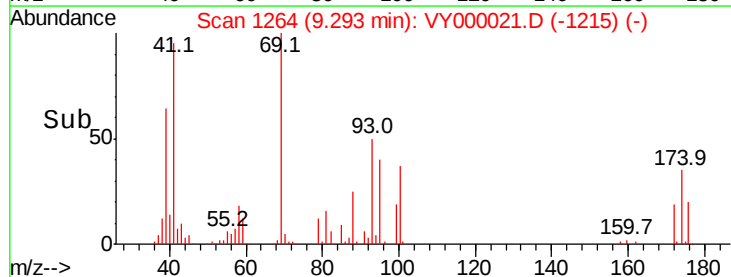
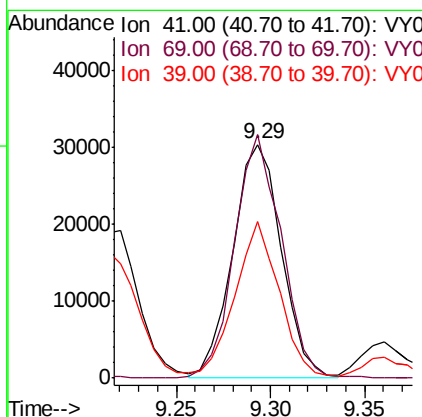
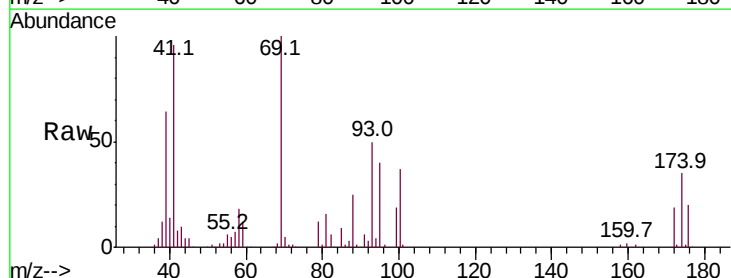
Instrument :
 MSVOA_Y
 ClientSampleId :

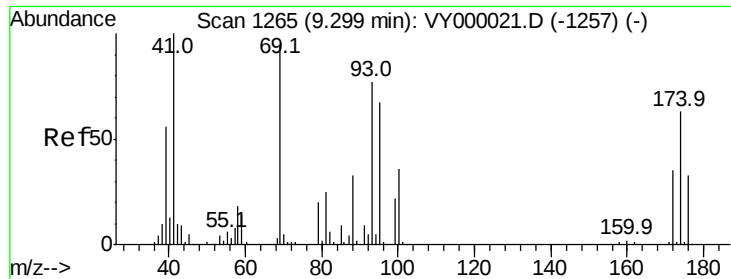
Tot Ion: 83 Resp: 106067
 Ion Ratio Lower Upper
 83 100
 85 64.3 51.4 77.2
 127 6.8 5.4 8.2



#48
 Methyl methacrylate
 Concen: 48.942 ug/l
 RT: 9.29 min Scan# 1264
 Delta R.T. 0.00 min
 Lab File: VY000021.D
 Acq: 12 Sep 2019 12:17

Tgt Ion: 41 Resp: 54570
 Ion Ratio Lower Upper
 41 100
 69 99.6 79.7 119.5
 39 60.7 48.6 72.8





#49

1,4-Dioxane

Concen: 922.516 ug/l

RT: 9.30 min Scan# 1265

Delta R.T. 0.00 min

Lab File: VY000021.D

Acq: 12 Sep 2019 12:17

Instrument :
MSVOA_Y
ClientSampleId :

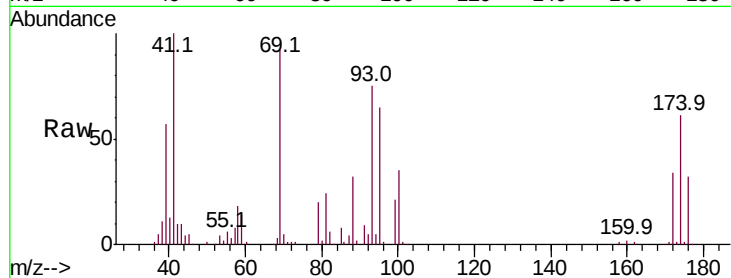
Tot Ion: 88 Resp: 17405

Ion Ratio Lower Upper

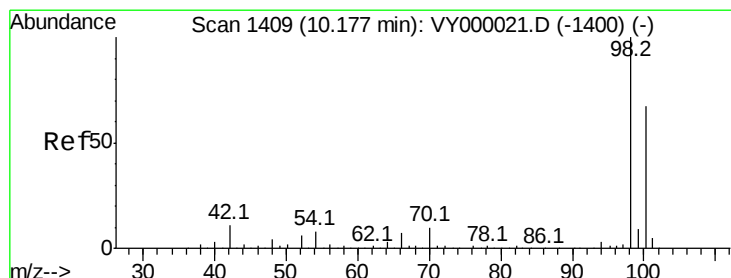
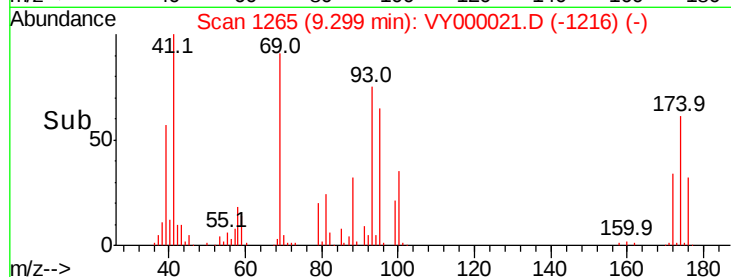
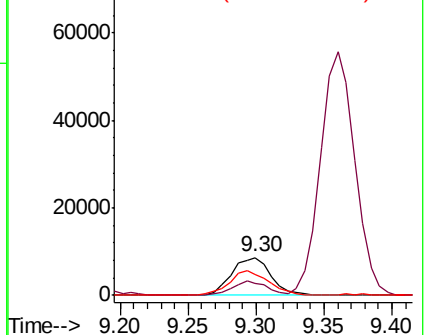
88 100

43 30.8 24.6 37.0

58 65.9 52.7 79.1



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



#50

Toluene-d8

Concen: 50.903 ug/l

RT: 10.18 min Scan# 1409

Delta R.T. 0.00 min

Lab File: VY000021.D

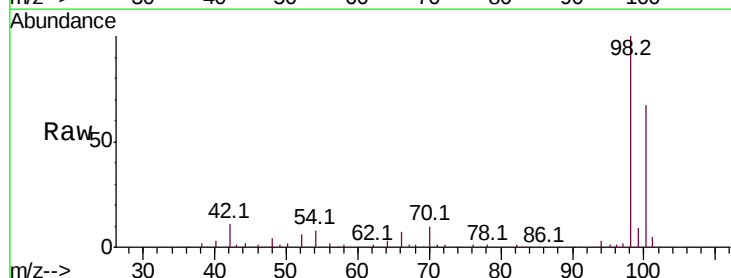
Acq: 12 Sep 2019 12:17

Tgt Ion: 98 Resp: 309653

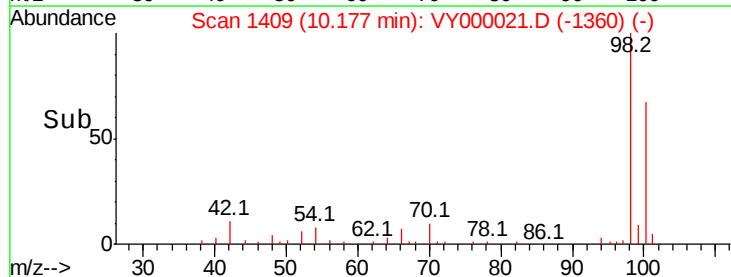
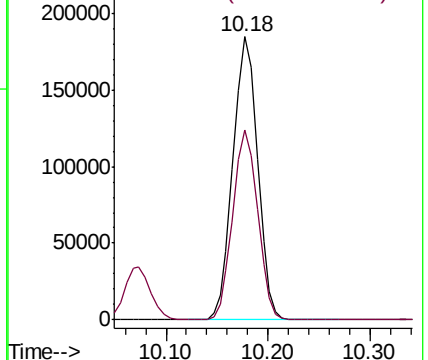
Ion Ratio Lower Upper

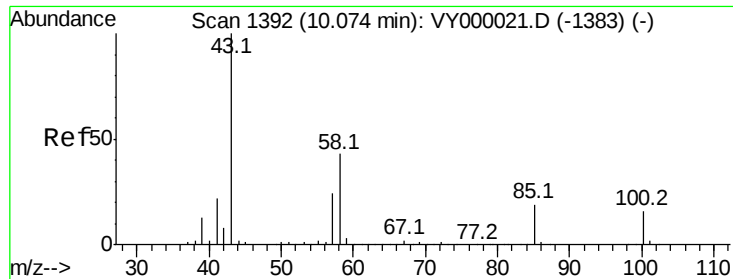
98 100

100 67.5 54.0 81.0



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

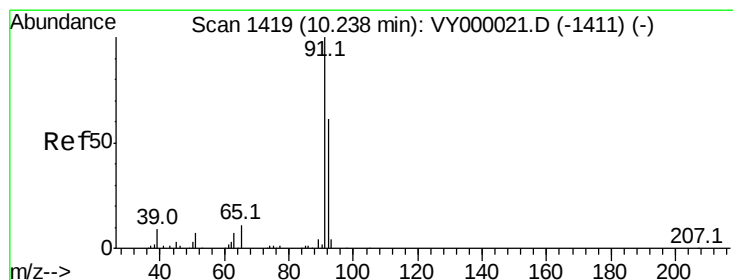
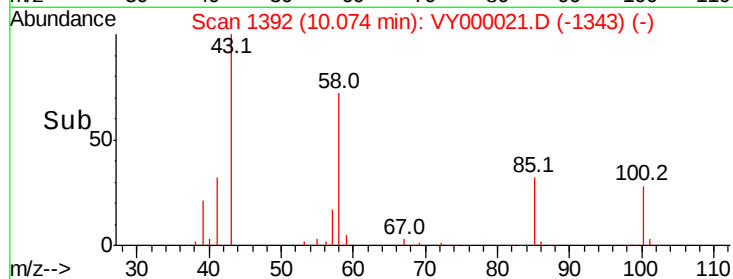
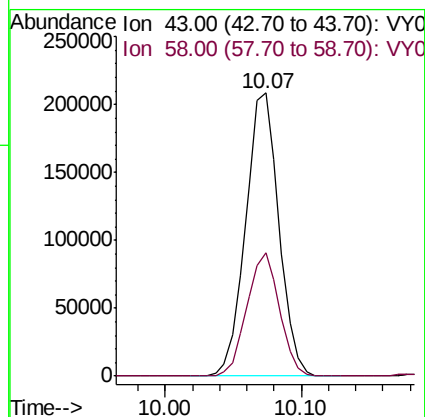
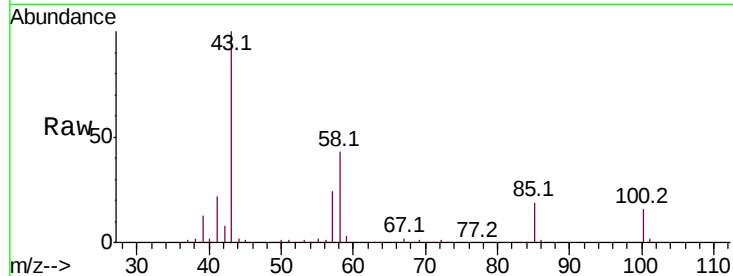




#51
4-Methyl-2-Pentanone
Concen: 251.871 ug/l
RT: 10.07 min Scan# 1392
Delta R.T. 0.00 min
Lab File: VY000021.D
Acq: 12 Sep 2019 12:17

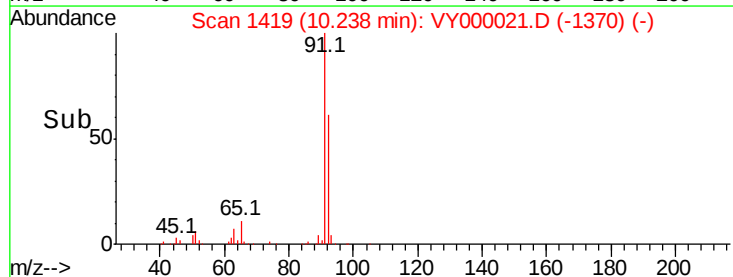
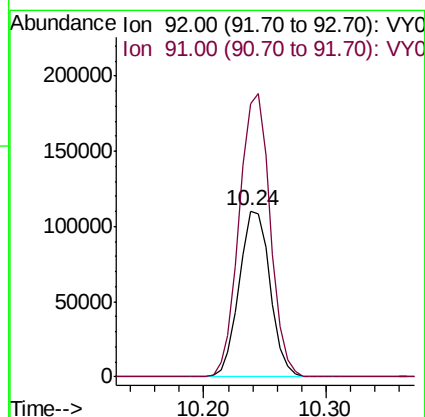
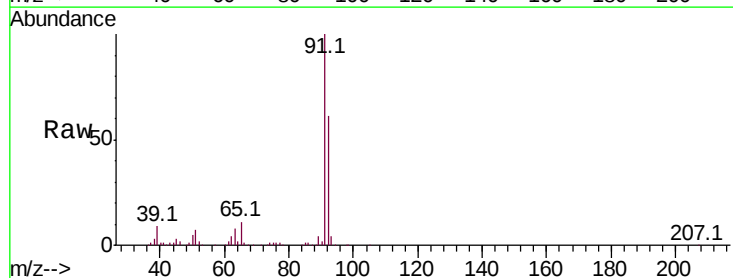
Instrument :
MSVOA_Y
ClientSampled :

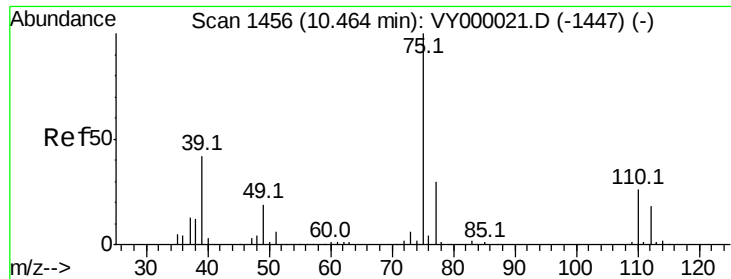
Tot Ion: 43 Resp: 356611
Ion Ratio Lower Upper
43 100
58 42.6 34.1 51.1



#52
Toluene
Concen: 48.870 ug/l
RT: 10.24 min Scan# 1419
Delta R.T. 0.00 min
Lab File: VY000021.D
Acq: 12 Sep 2019 12:17

Tgt Ion: 92 Resp: 193320
Ion Ratio Lower Upper
92 100
91 170.5 136.4 204.6





#53

t-1,3-Dichloropropene

Concen: 49.736 ug/l

RT: 10.46 min Scan# 1456

Delta R.T. 0.00 min

Lab File: VY000021.D

Acq: 12 Sep 2019 12:17

Instrument :

MSVOA_Y

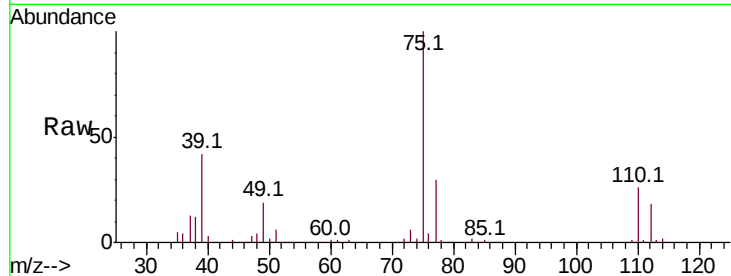
ClientSampleId :

Tot Ion: 75 Resp: 112459

Ion Ratio Lower Upper

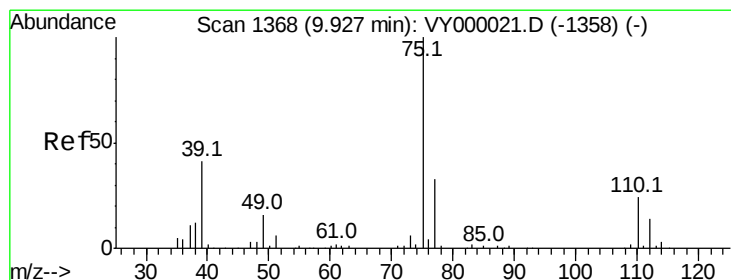
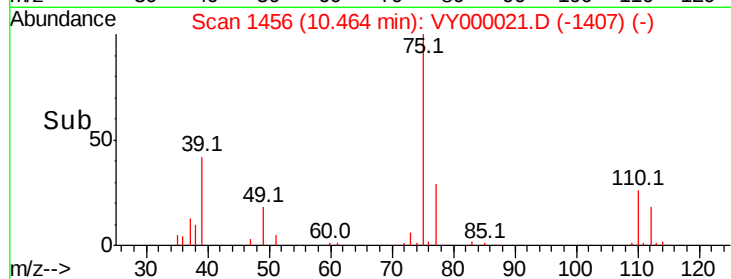
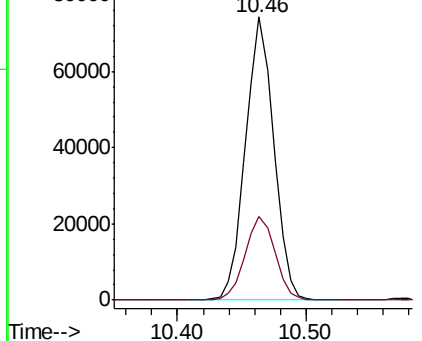
75 100

77 29.8 23.8 35.8



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0



#54

cis-1,3-Dichloropropene

Concen: 48.521 ug/l

RT: 9.93 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VY000021.D

Acq: 12 Sep 2019 12:17

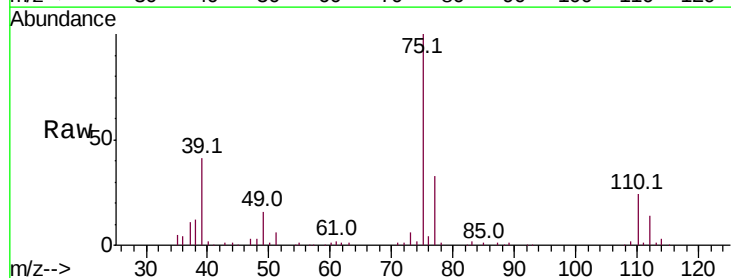
Tgt Ion: 75 Resp: 127663

Ion Ratio Lower Upper

75 100

77 32.9 26.3 39.5

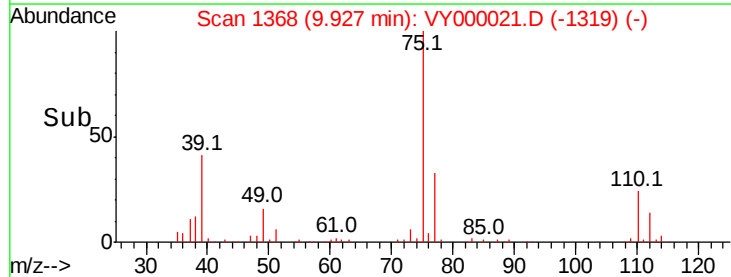
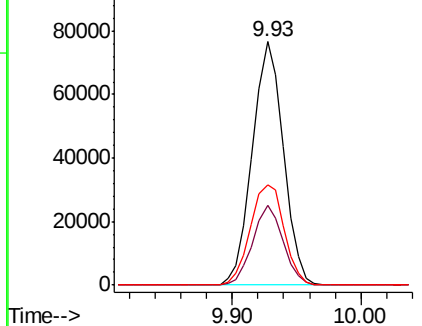
39 41.1 32.9 49.3

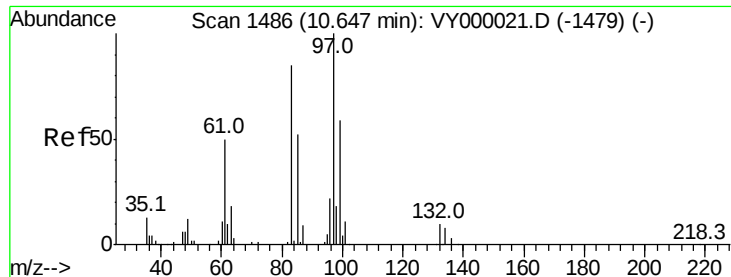


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0

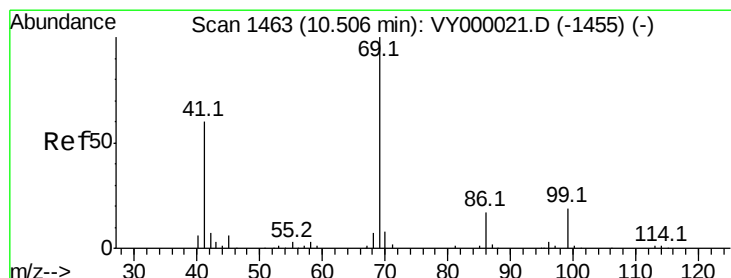
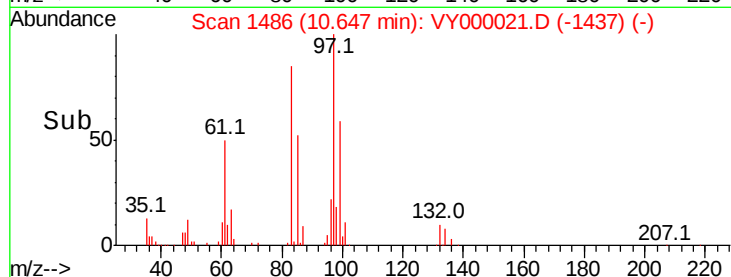
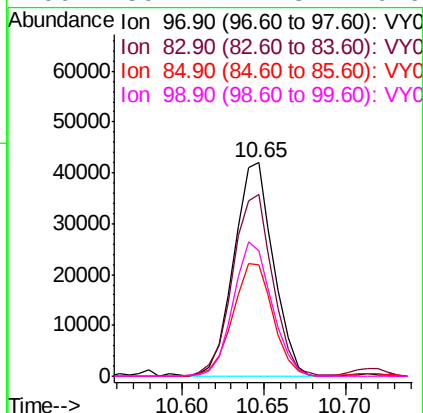
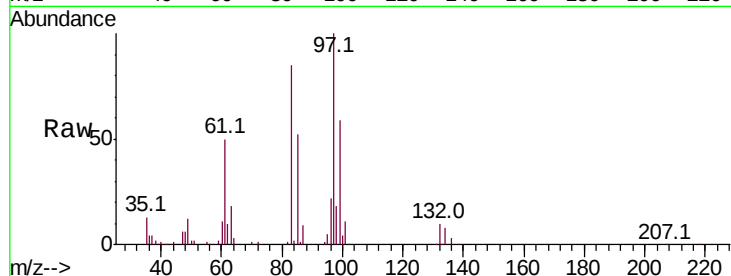




#55
 1,1,2-Trichloroethane
 Concen: 49.023 ug/l
 RT: 10.65 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: VY000021.D
 Acq: 12 Sep 2019 12:17

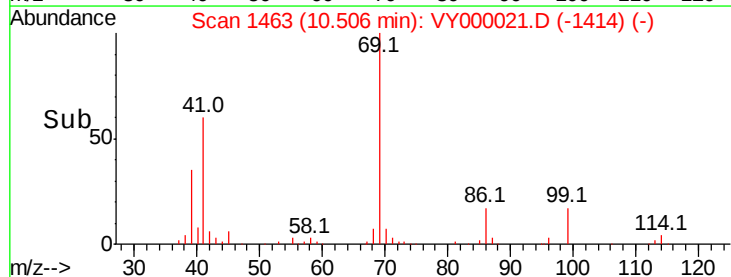
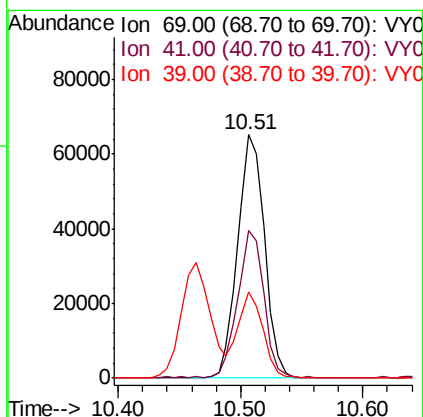
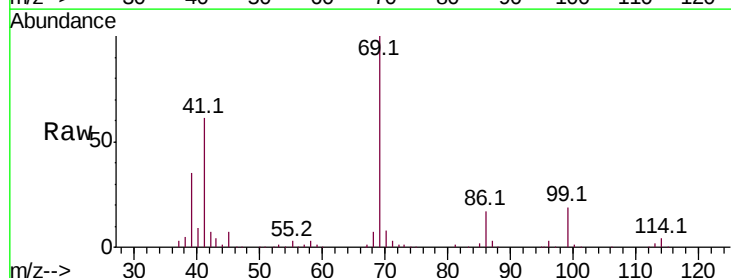
Instrument :
 MSVOA_Y
 ClientSampleId :

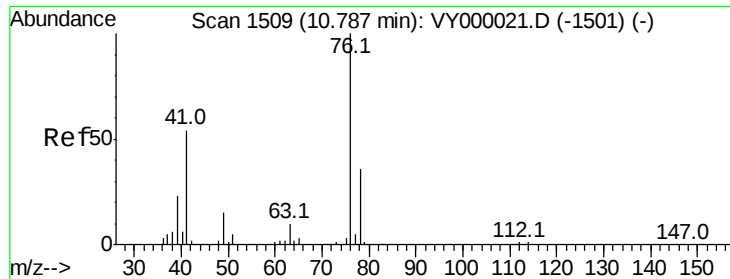
Tot Ion	Resp	Lower	Upper
97	100		
83	85.2	68.2	102.2
85	52.1	41.7	62.5
99	59.1	47.3	70.9



#56
 Ethyl methacrylate
 Concen: 49.500 ug/l
 RT: 10.51 min Scan# 1463
 Delta R.T. 0.00 min
 Lab File: VY000021.D
 Acq: 12 Sep 2019 12:17

Tgt Ion	Resp	Lower	Upper
69	100		
41	58.7	47.0	70.4
39	33.0	26.4	39.6





#57

1,3-Dichloropropane

Concen: 48.919 ug/l

RT: 10.79 min Scan# 1509

Delta R.T. 0.00 min

Lab File: VY000021.D

Acq: 12 Sep 2019 12:17

Instrument :

MSVOA_Y

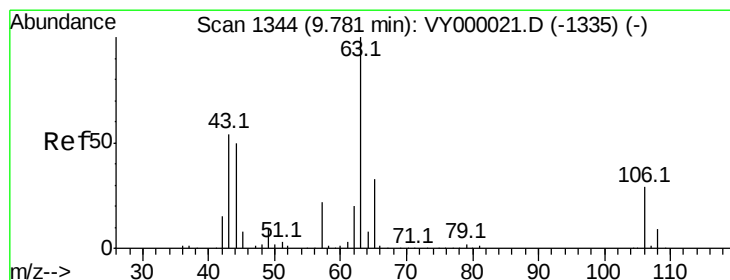
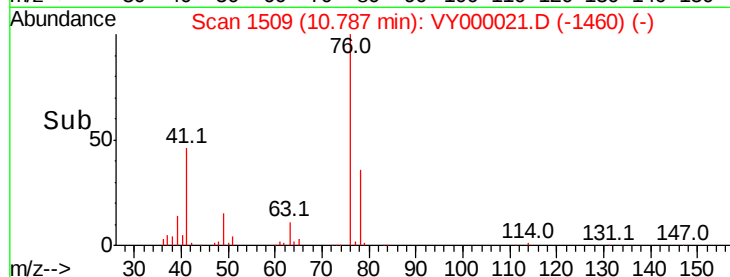
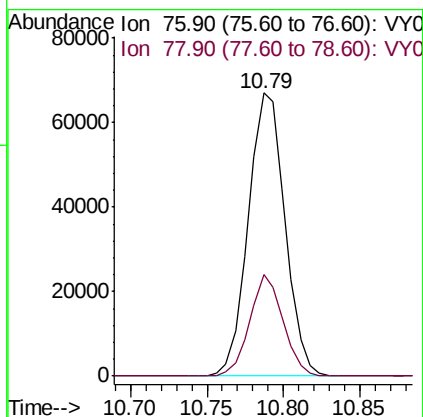
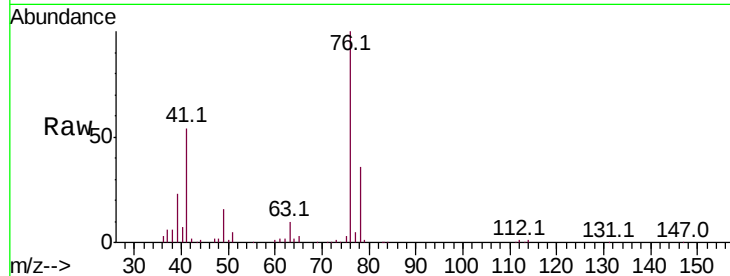
ClientSampleId :

Tot Ion: 76 Resp: 111689

Ion Ratio Lower Upper

76 100

78 32.5 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 276.227 ug/l

RT: 9.78 min Scan# 1344

Delta R.T. 0.00 min

Lab File: VY000021.D

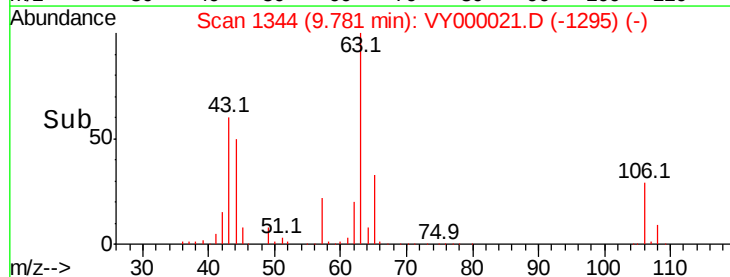
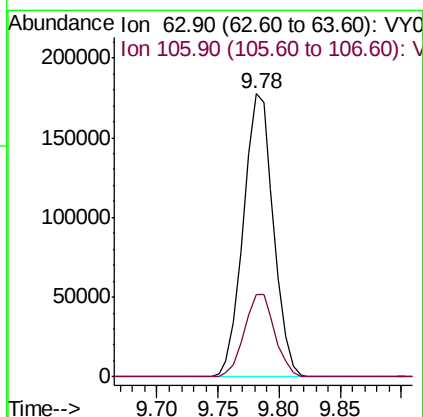
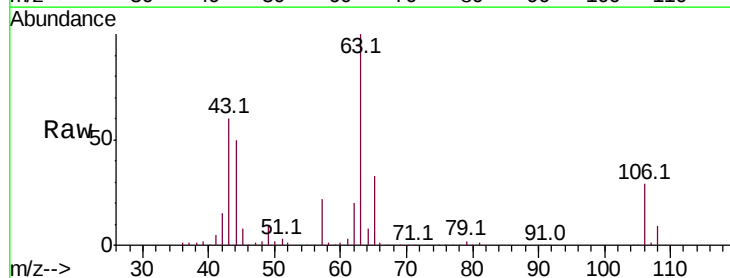
Acq: 12 Sep 2019 12:17

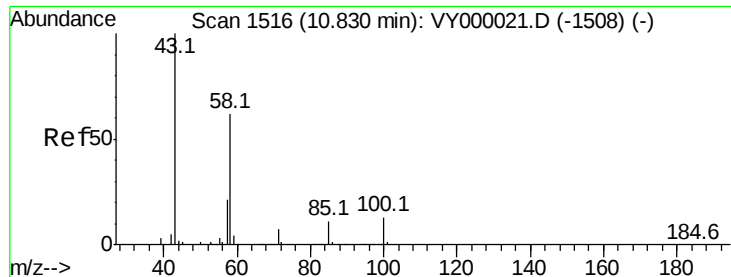
Tgt Ion: 63 Resp: 303162

Ion Ratio Lower Upper

63 100

106 29.6 23.7 35.5

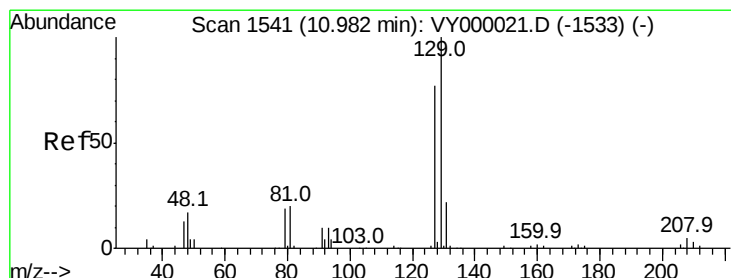
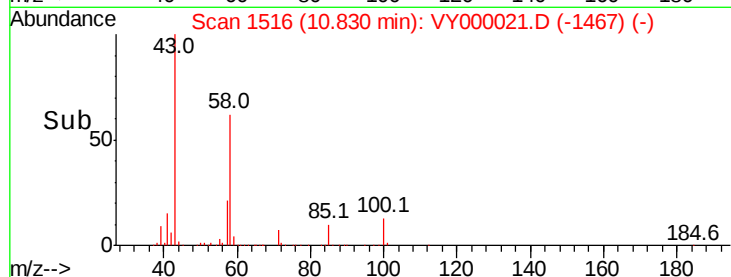
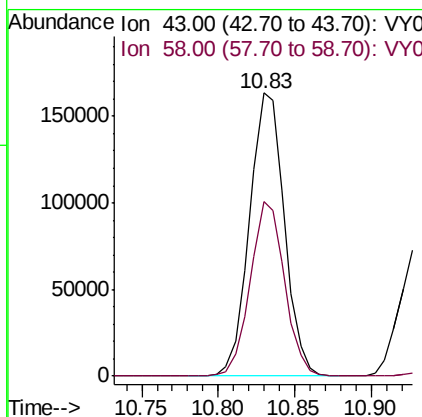
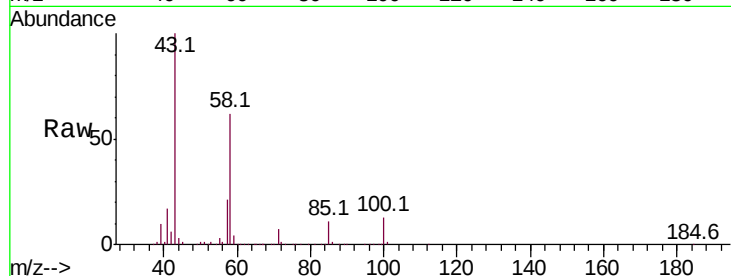




#59
2-Hexanone
Concen: 254.125 ug/l
RT: 10.83 min Scan# 1516
Delta R.T. 0.00 min
Lab File: VY000021.D
Acq: 12 Sep 2019 12:17

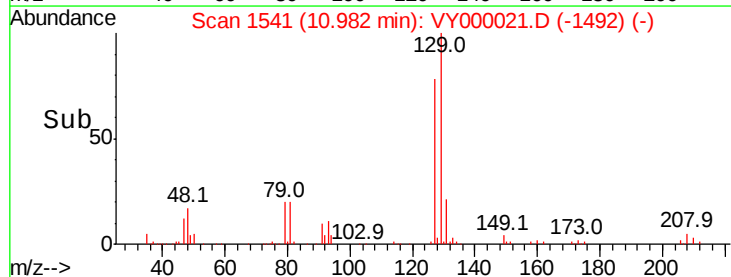
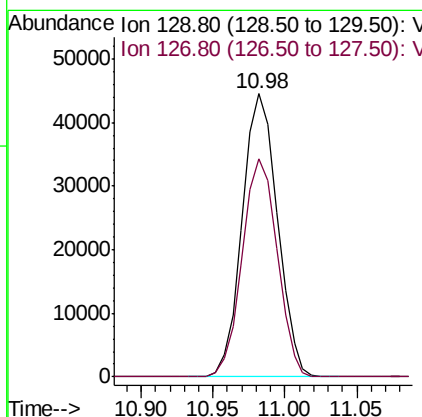
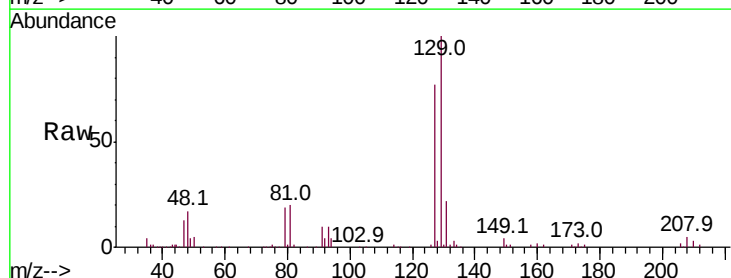
Instrument :
MSVOA_Y
ClientSampleId :

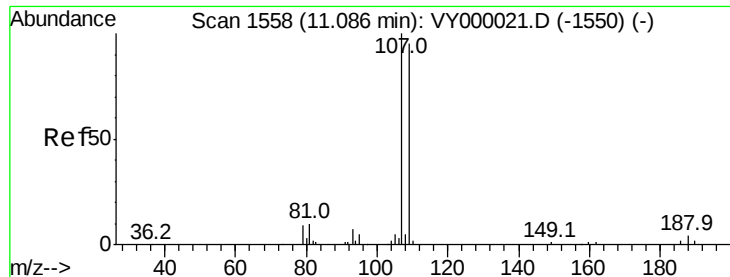
Tot Ion: 43 Resp: 259284
Ion Ratio Lower Upper
43 100
58 60.5 30.3 90.8



#60
Dibromochloromethane
Concen: 50.133 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. 0.00 min
Lab File: VY000021.D
Acq: 12 Sep 2019 12:17

Tgt Ion: 129 Resp: 75414
Ion Ratio Lower Upper
129 100
127 76.8 38.4 115.2

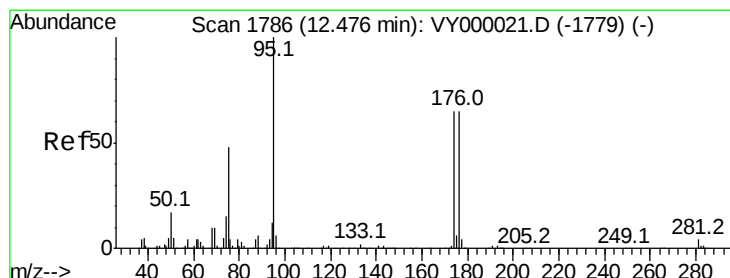
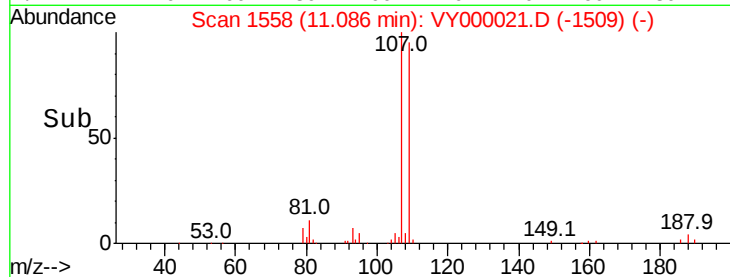
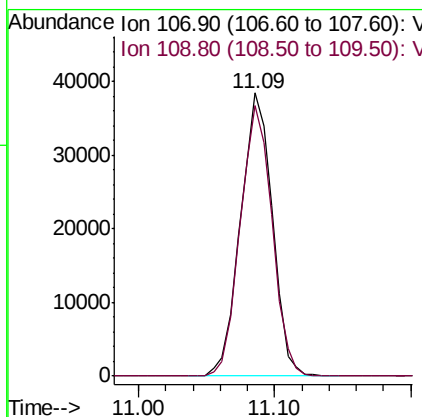
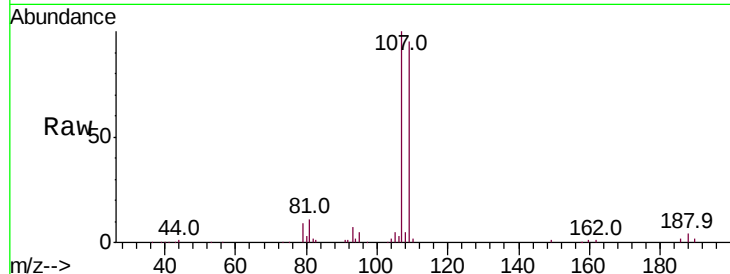




#61
 1,2-Dibromoethane
 Concen: 49.820 ug/l
 RT: 11.09 min Scan# 1558
 Delta R.T. 0.00 min
 Lab File: VY000021.D
 Acq: 12 Sep 2019 12:17

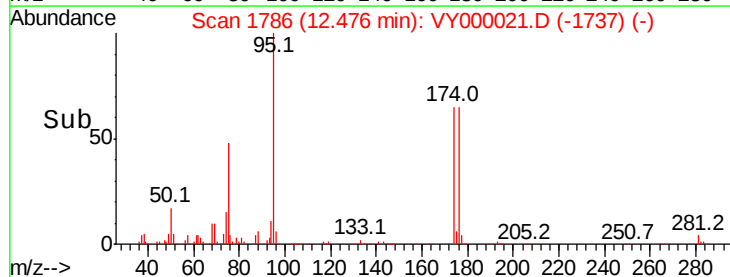
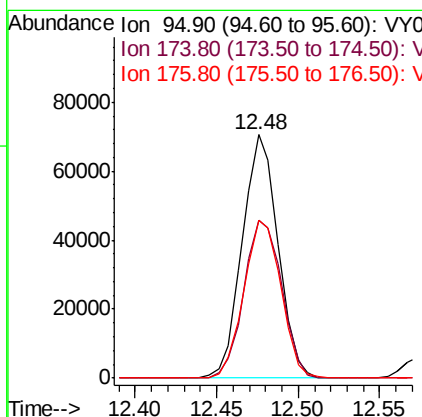
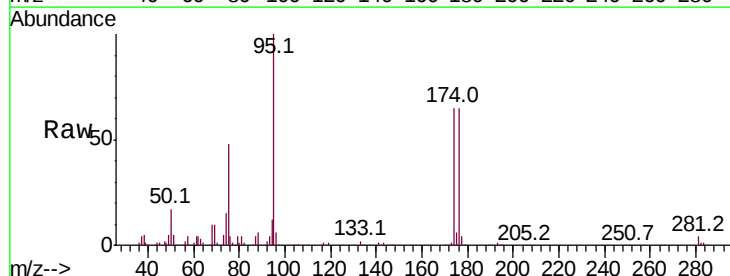
Instrument :
 MSVOA_Y
 ClientSampleId :

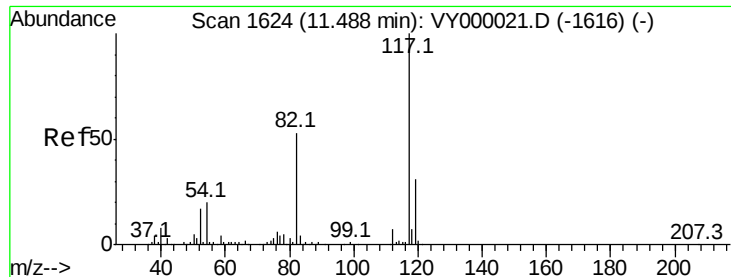
Tot Ion:107 Resp: 62821
 Ion Ratio Lower Upper
 107 100
 109 95.9 76.7 115.1



#62
 4-Bromofluorobenzene
 Concen: 48.690 ug/l
 RT: 12.48 min Scan# 1786
 Delta R.T. 0.00 min
 Lab File: VY000021.D
 Acq: 12 Sep 2019 12:17

Tgt Ion: 95 Resp: 107655
 Ion Ratio Lower Upper
 95 100
 174 68.8 0.0 137.6
 176 67.4 0.0 134.8

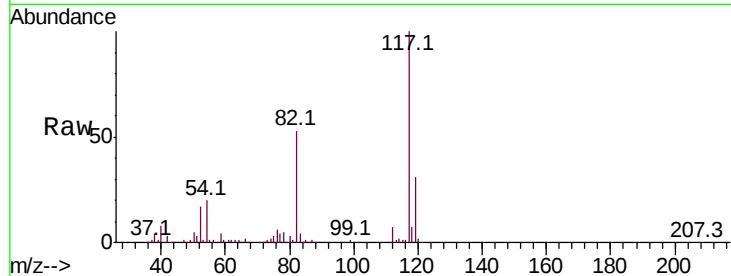




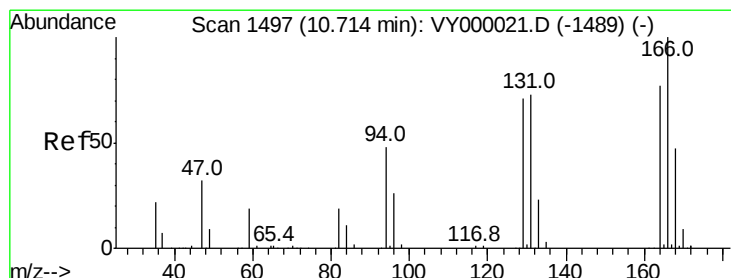
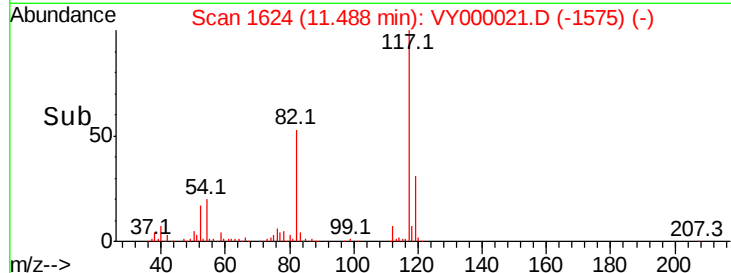
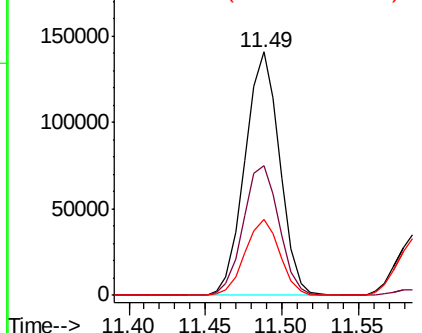
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1624
Delta R.T. 0.00 min
Lab File: VY000021.D
Acq: 12 Sep 2019 12:17

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.1	42.5	63.7
119	31.4	25.1	37.7

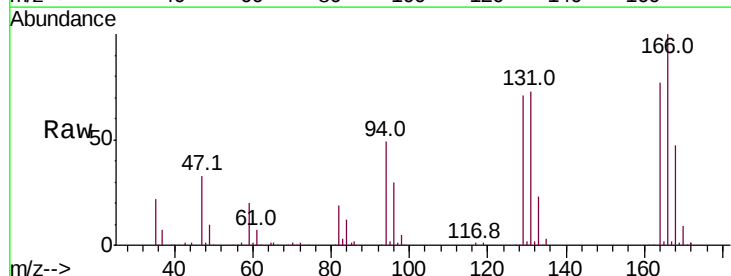


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

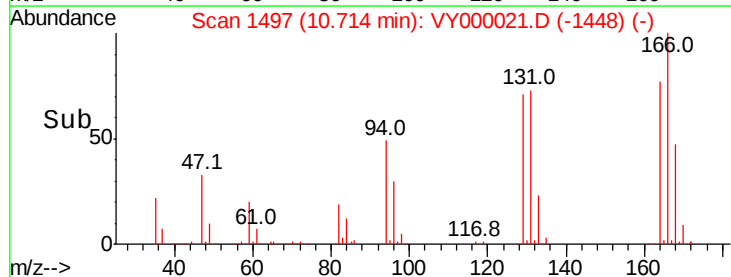
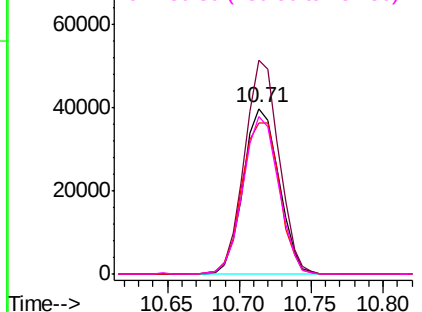


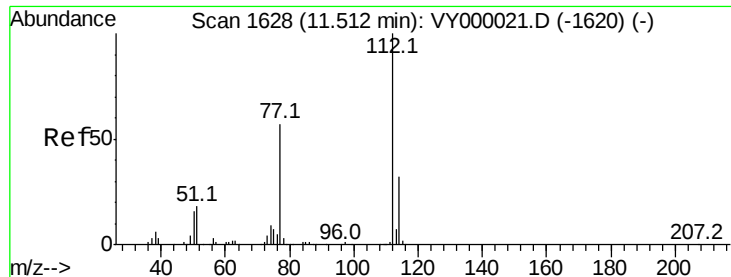
#64
Tetrachloroethene
Concen: 49.782 ug/l
RT: 10.71 min Scan# 1497
Delta R.T. 0.00 min
Lab File: VY000021.D
Acq: 12 Sep 2019 12:17

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.2	103.4	155.0
129	91.7	73.4	110.0
131	94.9	75.9	113.9



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

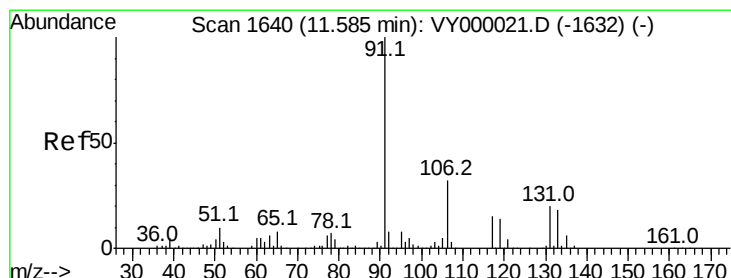
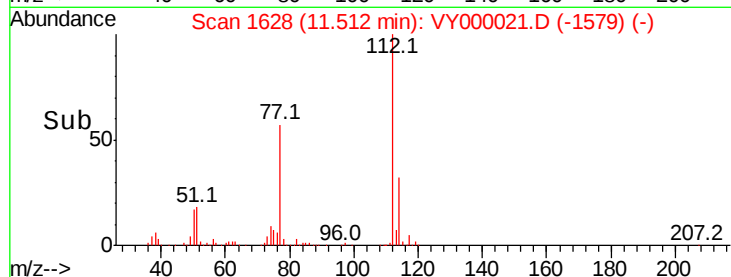
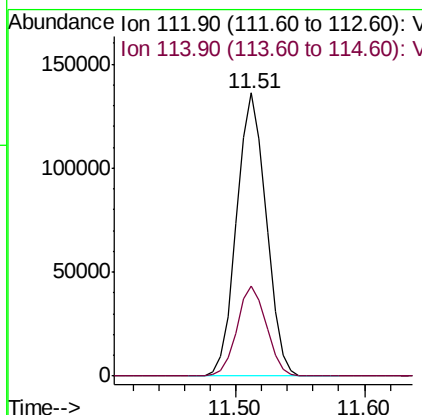
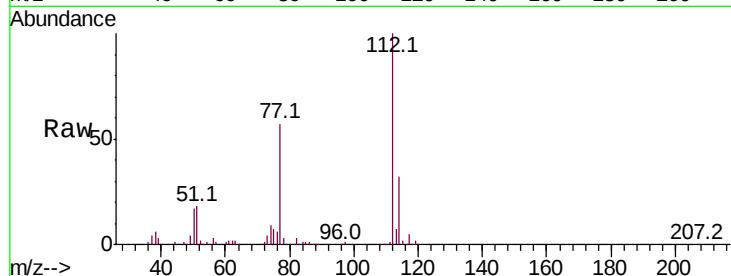




#65
Chlorobenzene
Concen: 51.093 ug/l
RT: 11.51 min Scan# 1628
Delta R.T. 0.00 min
Lab File: VY000021.D
Acq: 12 Sep 2019 12:17

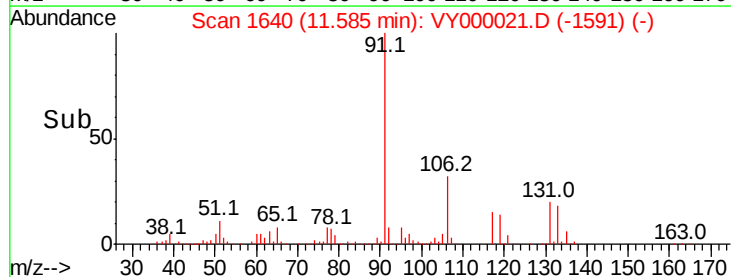
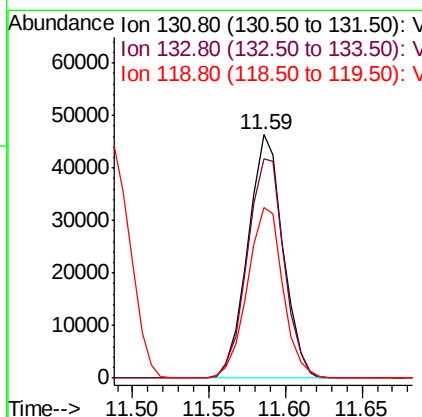
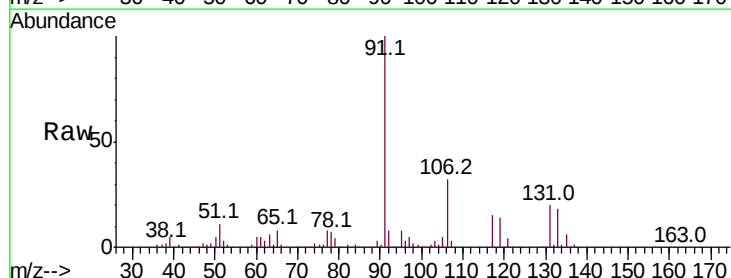
Instrument :
MSVOA_Y
ClientSampleId :

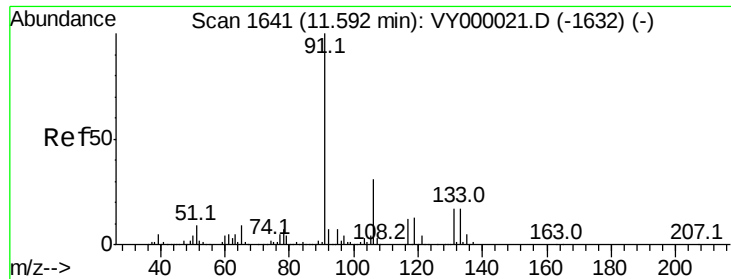
Tot Ion:112 Resp: 216995
Ion Ratio Lower Upper
112 100
114 31.8 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 50.390 ug/l
RT: 11.59 min Scan# 1640
Delta R.T. 0.00 min
Lab File: VY000021.D
Acq: 12 Sep 2019 12:17

Tgt Ion:131 Resp: 74153
Ion Ratio Lower Upper
131 100
133 94.4 47.2 141.6
119 70.9 35.4 106.3

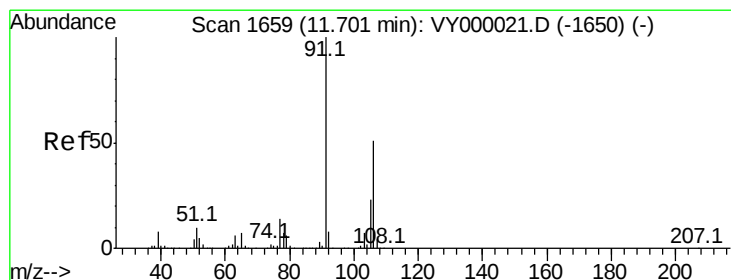
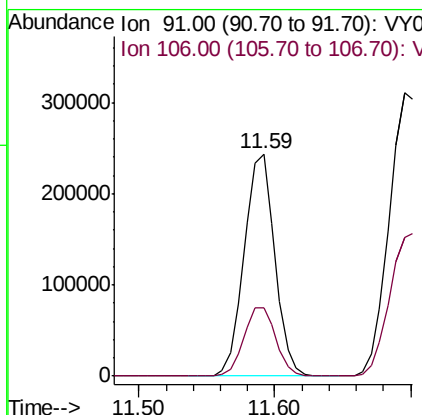
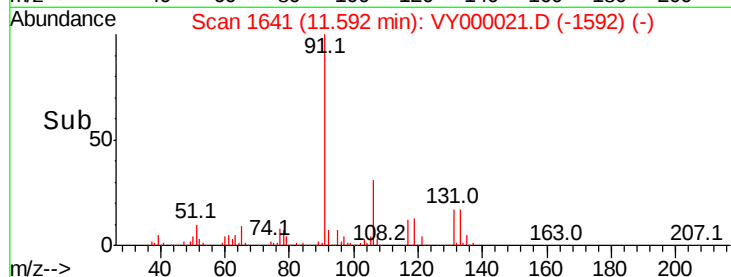
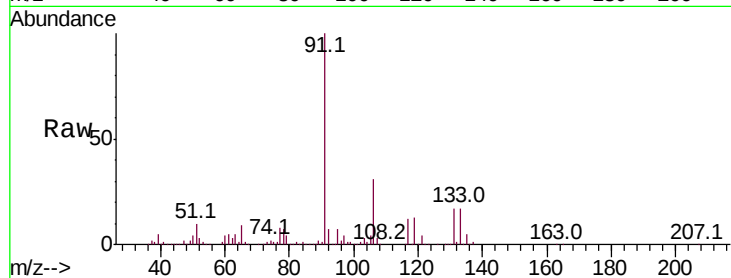




#67
Ethvl Benzene
Concen: 49.722 ug/l
RT: 11.59 min Scan# 1641
Delta R.T. 0.00 min
Lab File: VY000021.D
Acq: 12 Sep 2019 12:17

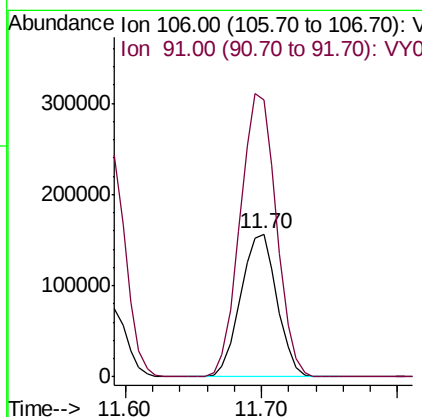
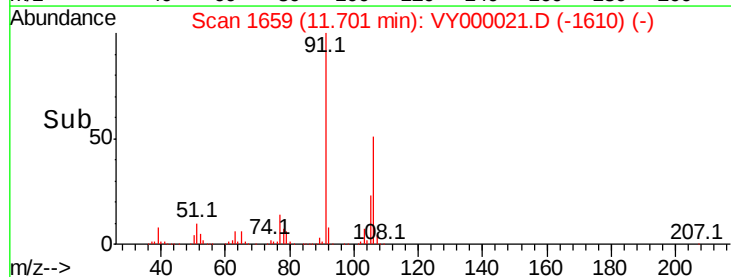
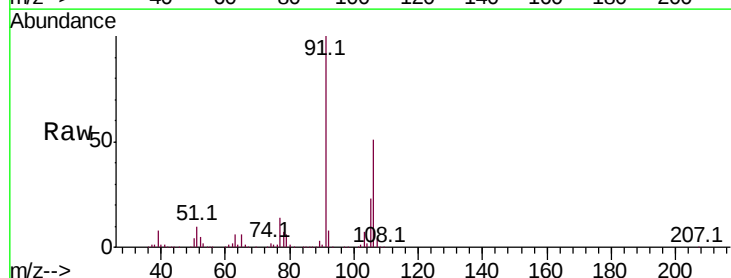
Instrument :
MSVOA_Y
ClientSampleId :

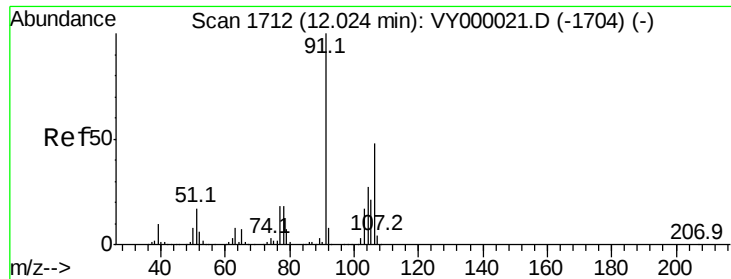
Tot Ion: 91 Resp: 383637
Ion Ratio Lower Upper
91 100
106 30.8 24.6 37.0



#68
m/p-Xylenes
Concen: 100.233 ug/l
RT: 11.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VY000021.D
Acq: 12 Sep 2019 12:17

Tgt Ion:106 Resp: 291833
Ion Ratio Lower Upper
106 100
91 198.1 158.5 237.7

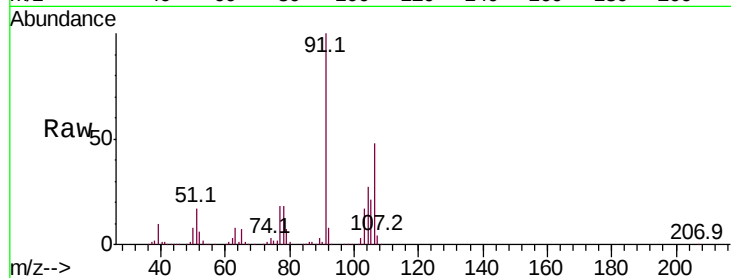




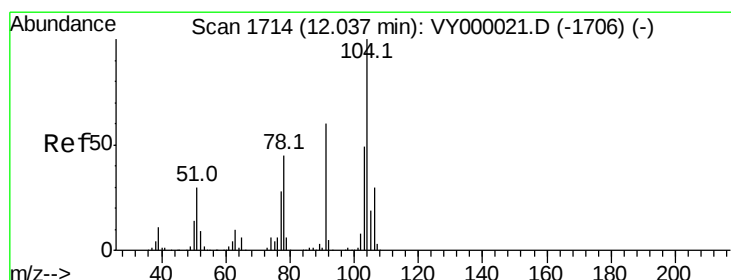
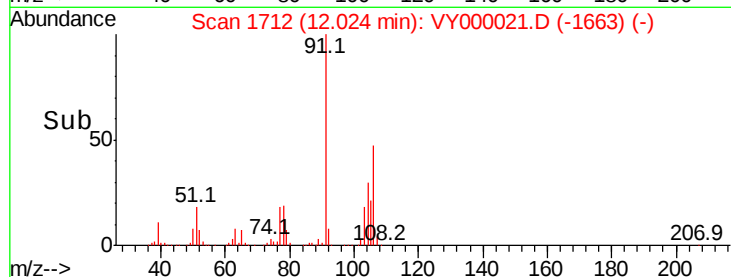
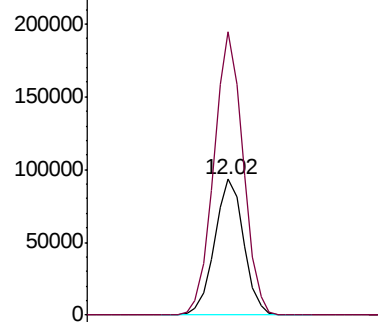
#69
o-Xylene
Concen: 49.111 ug/l
RT: 12.02 min Scan# 1712
Delta R.T. 0.00 min
Lab File: VY000021.D
Acq: 12 Sep 2019 12:17

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:106 Resp: 140143
Ion Ratio Lower Upper
106 100
91 208.0 104.0 312.0

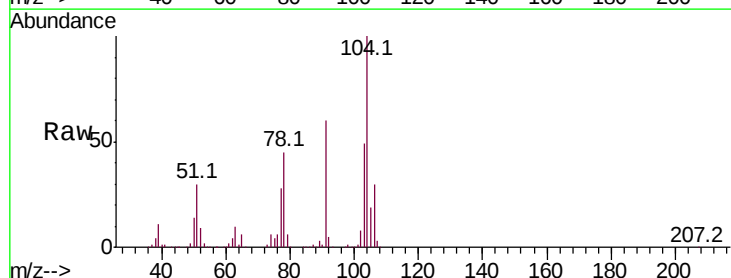


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0

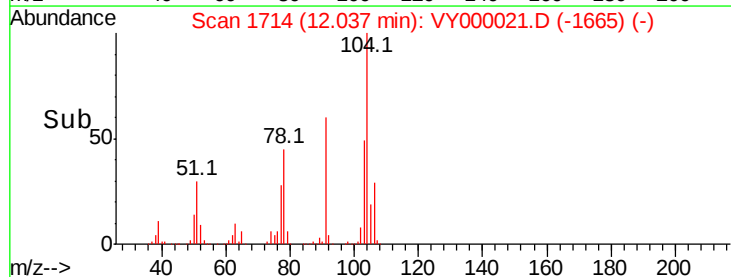
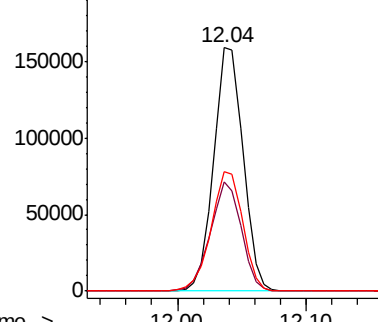


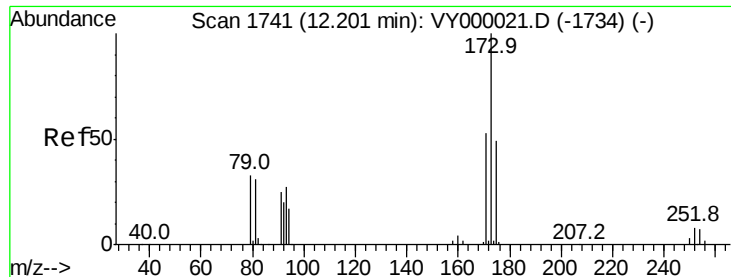
#70
Styrene
Concen: 50.457 ug/l
RT: 12.04 min Scan# 1714
Delta R.T. 0.00 min
Lab File: VY000021.D
Acq: 12 Sep 2019 12:17

Tgt Ion:104 Resp: 250466
Ion Ratio Lower Upper
104 100
78 47.5 38.0 57.0
103 53.0 42.4 63.6



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VY0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 50.430 ug/l

RT: 12.20 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VY000021.D

Acq: 12 Sep 2019 12:17

Instrument :

MSVOA_Y

ClientSampleId :

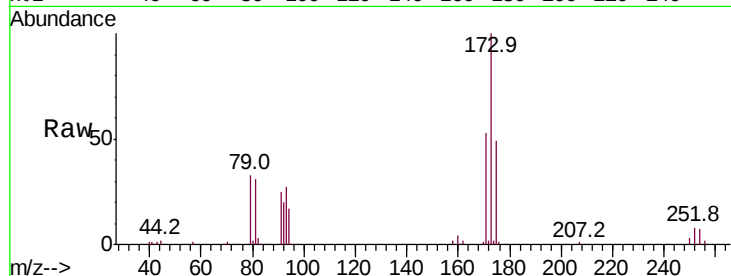
Tot Ion:173 Resp: 44809

Ion Ratio Lower Upper

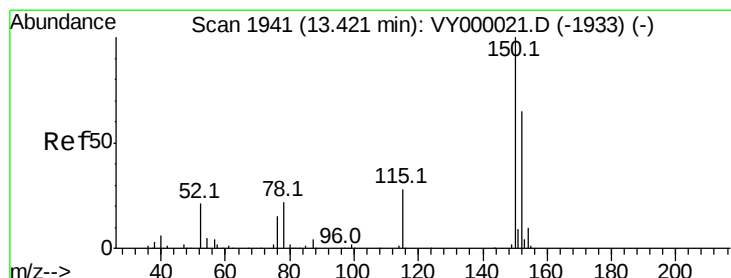
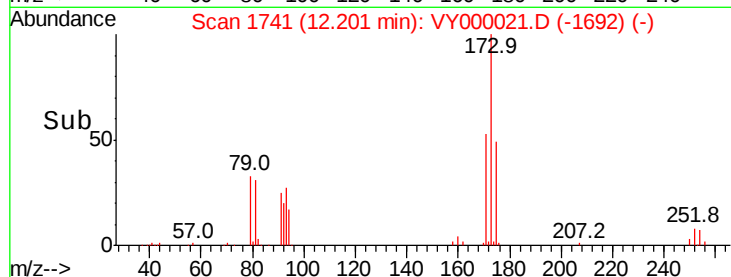
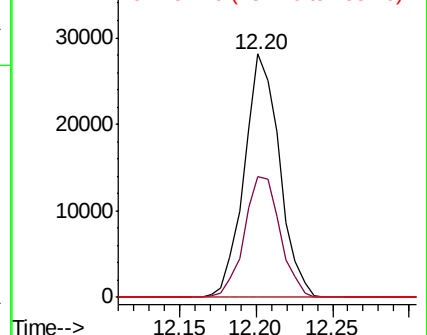
173 100

175 50.3 25.1 75.4

254 0.0 0.0 0.0



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# 1941

Delta R.T. 0.00 min

Lab File: VY000021.D

Acq: 12 Sep 2019 12:17

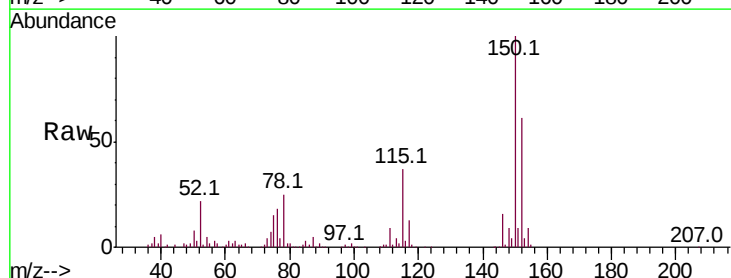
Tgt Ion:152 Resp: 101151

Ion Ratio Lower Upper

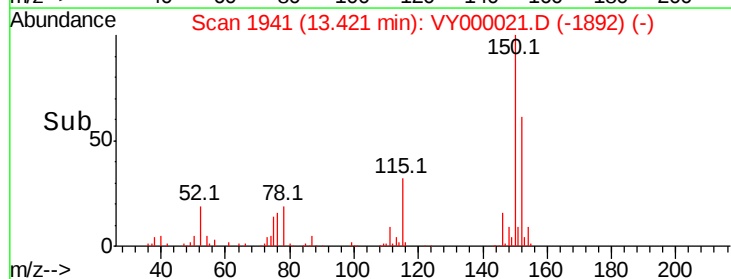
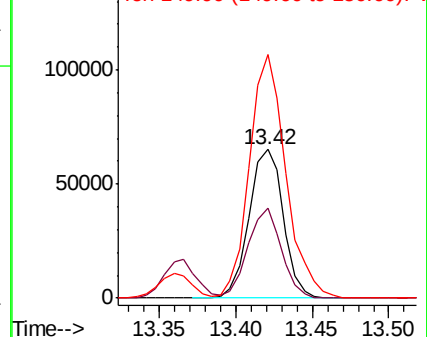
152 100

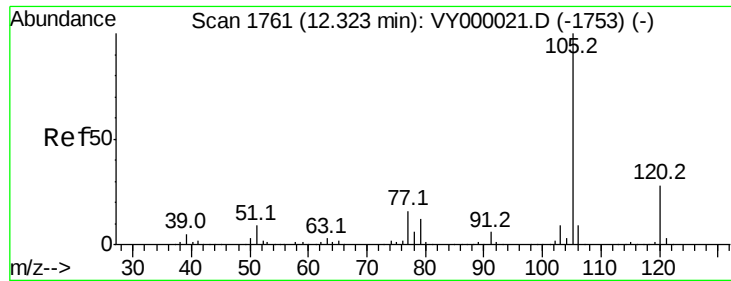
115 58.8 29.4 88.2

150 174.5 0.0 349.0



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: 48.648 ug/l

RT: 12.32 min Scan# 1761

Delta R.T. 0.00 min

Lab File: VY000021.D

Acq: 12 Sep 2019 12:17

Instrument :

MSVOA_Y

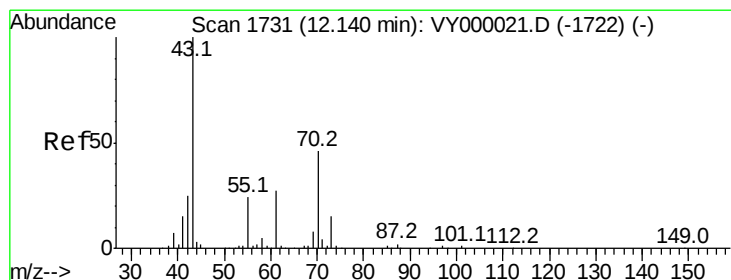
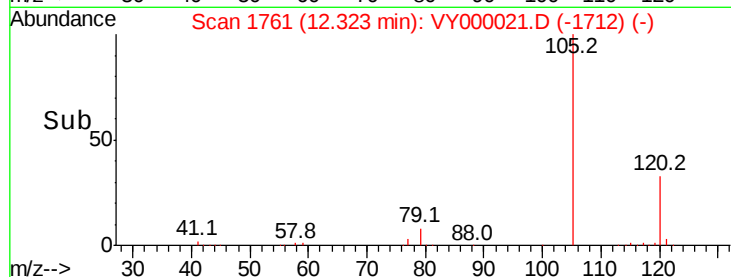
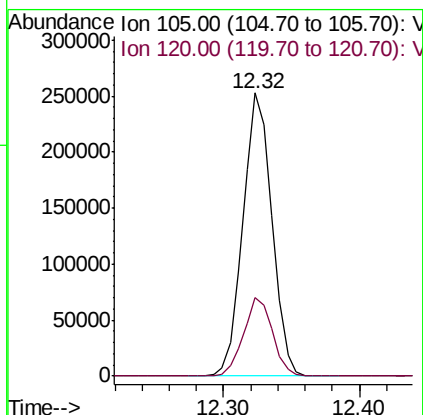
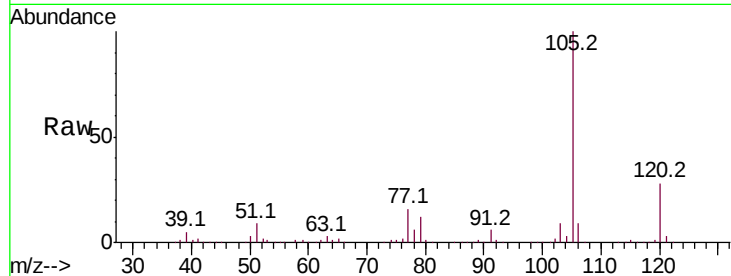
ClientSampled :

Tot Ion:105 Resp: 375981

Ion Ratio Lower Upper

105 100

120 27.7 13.9 41.6



#74

N-ethyl acetate

Concen: 50.936 ug/l

RT: 12.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VY000021.D

Acq: 12 Sep 2019 12:17

Tgt Ion: 43 Resp: 116206

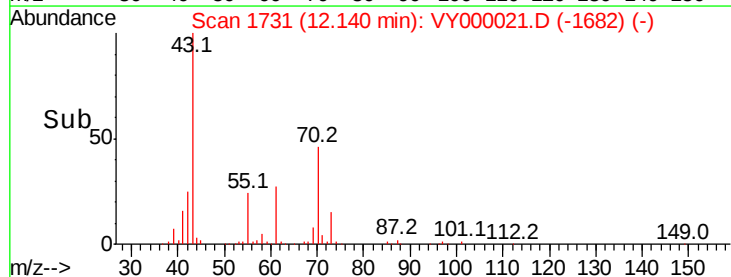
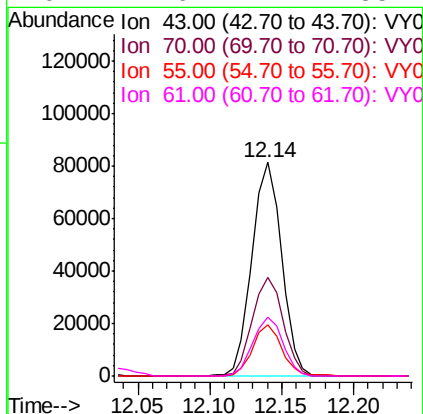
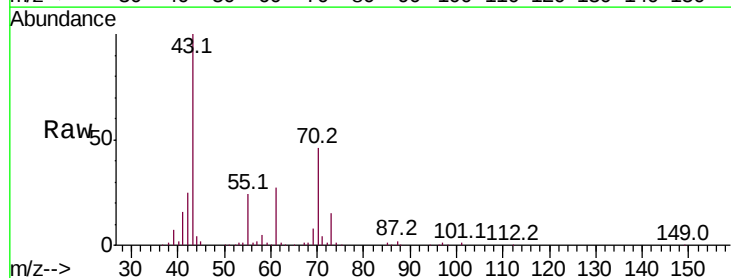
Ion Ratio Lower Upper

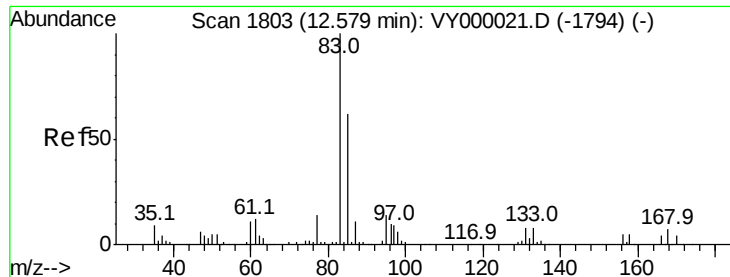
43 100

70 47.6 38.1 57.1

55 23.4 18.7 28.1

61 27.6 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 49.903 ug/l

RT: 12.58 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VY000021.D

Acq: 12 Sep 2019 12:17

Instrument :

MSVOA_Y

ClientSampleId :

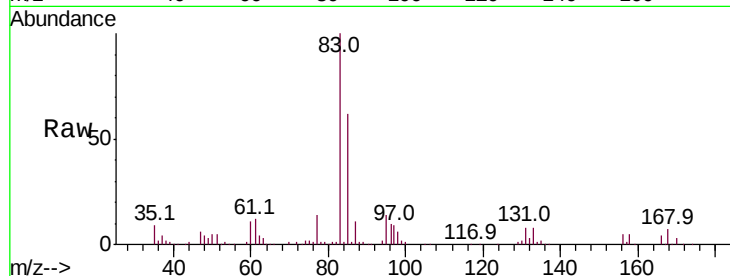
Tot Ion: 83 Resp: 92214

Ion Ratio Lower Upper

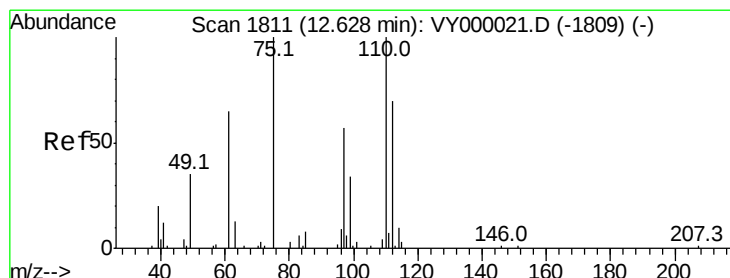
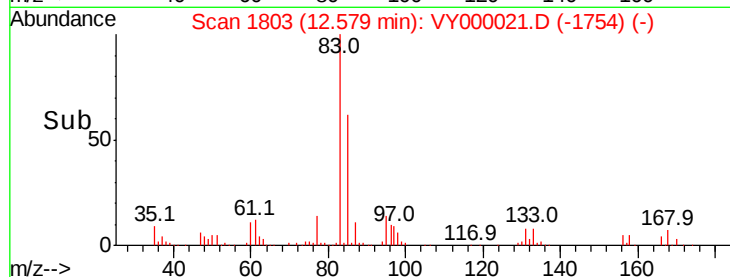
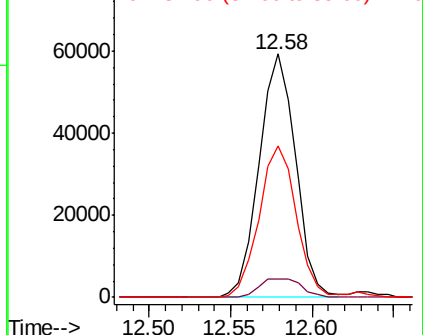
83 100

131 9.2 4.6 13.8

85 63.5 31.8 95.3



Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 130.80 (130.50 to 131.50): VY0
Ion 84.90 (84.60 to 85.60): VY0



#76

1,2,3-Trichloropropane

Concen: 53.103 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VY000021.D

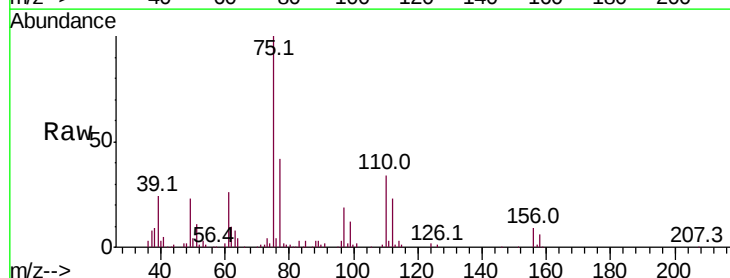
Acq: 12 Sep 2019 12:17

Tgt Ion: 75 Resp: 119137

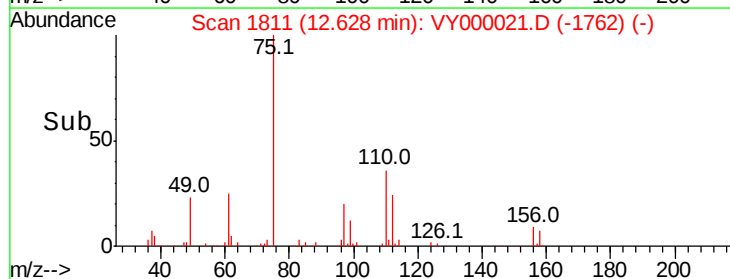
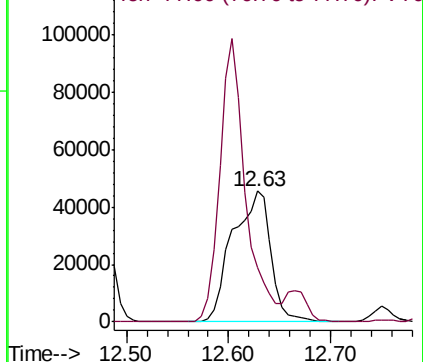
Ion Ratio Lower Upper

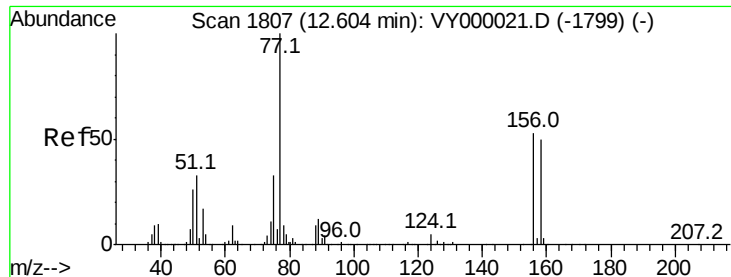
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 50.557 ug/l

RT: 12.60 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VY000021.D

Acq: 12 Sep 2019 12:17

Instrument :

MSVOA_Y

ClientSampleId :

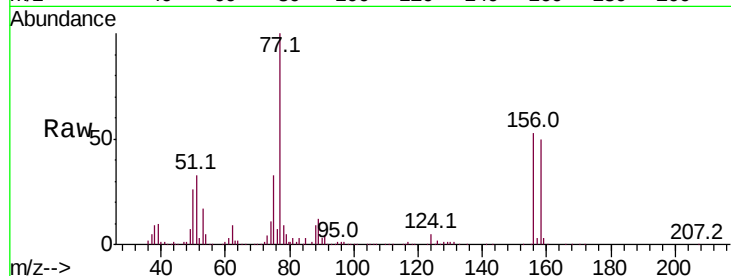
Tot Ion:156 Resp: 82655

Ion Ratio Lower Upper

156 100

77 211.9 106.0 317.9

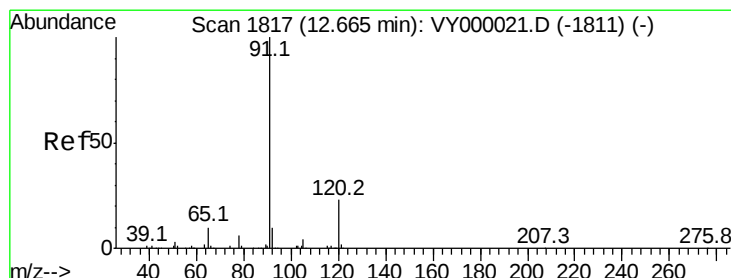
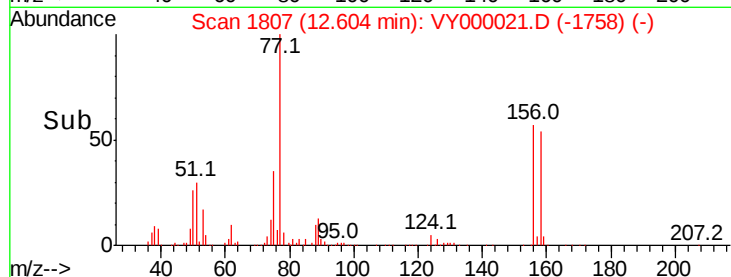
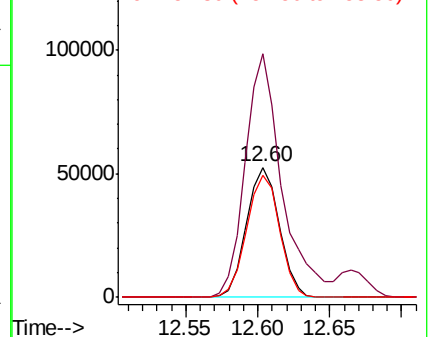
158 94.6 47.3 141.9



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: 48.825 ug/l

RT: 12.66 min Scan# 1817

Delta R.T. 0.00 min

Lab File: VY000021.D

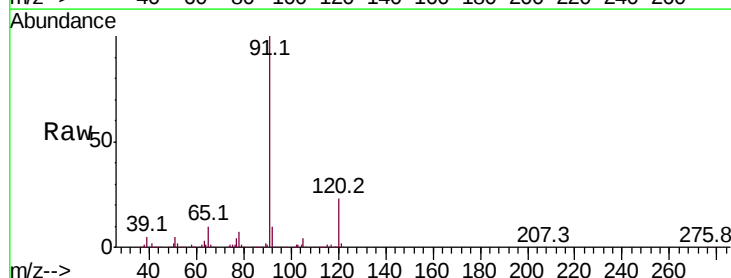
Acq: 12 Sep 2019 12:17

Tgt Ion: 91 Resp: 461160

Ion Ratio Lower Upper

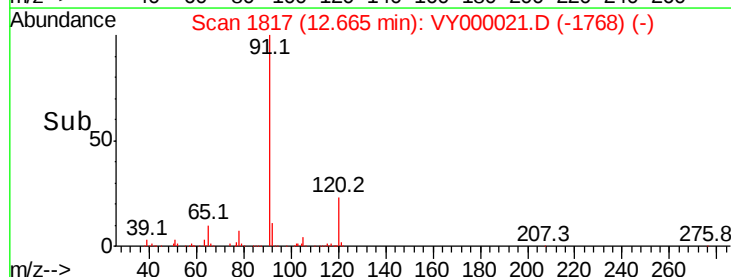
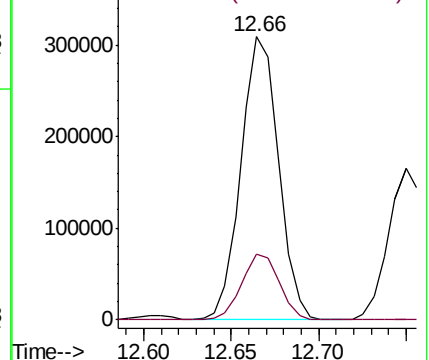
91 100

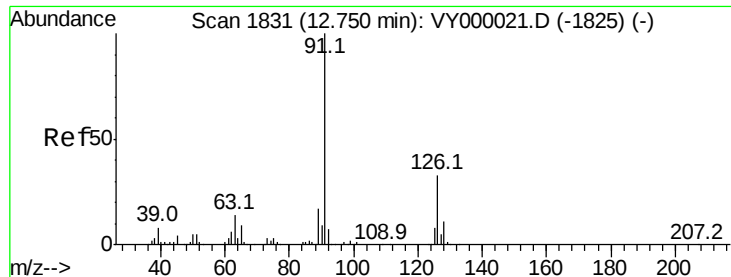
120 23.1 11.6 34.7



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.586 ug/l

RT: 12.75 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VY000021.D

Acq: 12 Sep 2019 12:17

Instrument :

MSVOA_Y

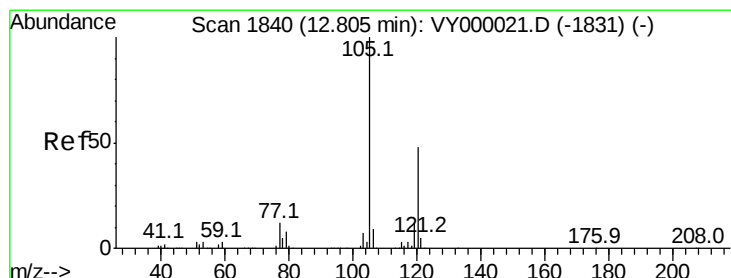
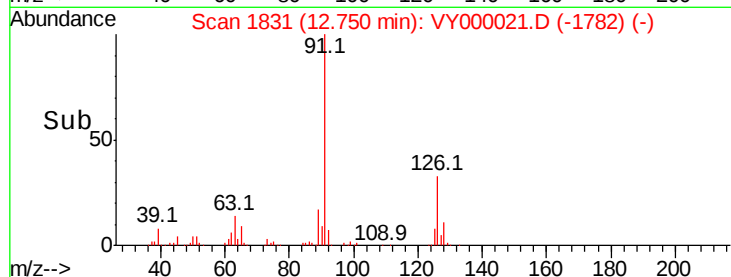
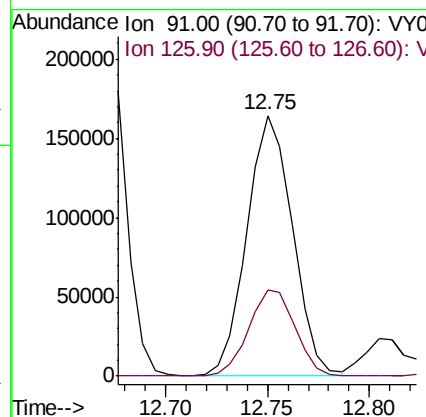
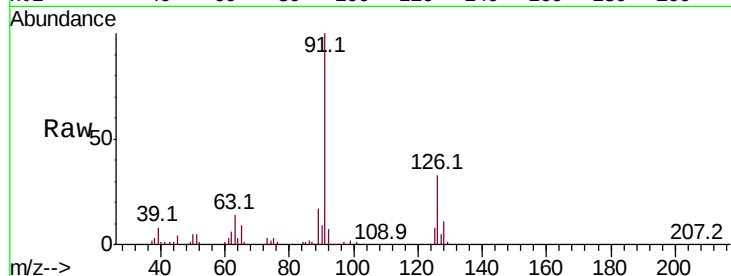
ClientSampled :

Tot Ion: 91 Resp: 256608

Ion Ratio Lower Upper

91 100

126 33.8 16.9 50.7



#80

1,3,5-Trimethylbenzene

Concen: 49.623 ug/l

RT: 12.80 min Scan# 1840

Delta R.T. 0.00 min

Lab File: VY000021.D

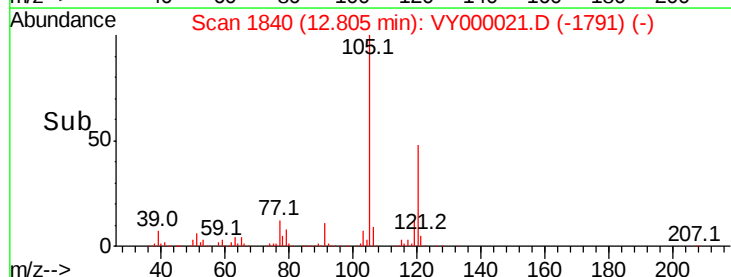
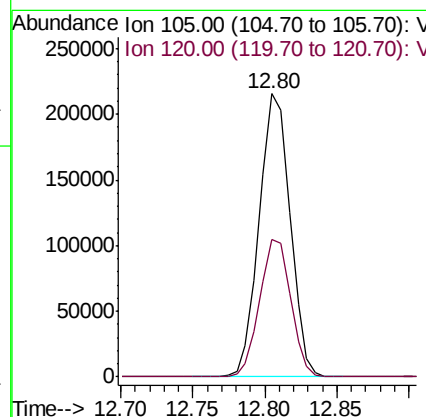
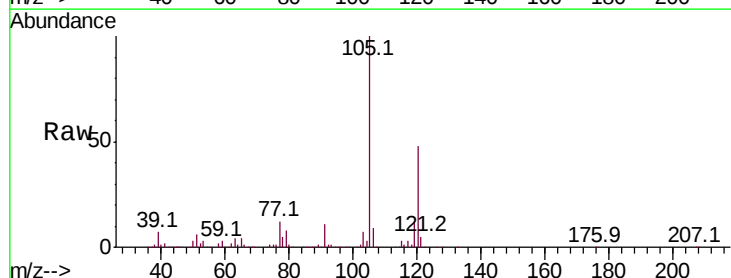
Acq: 12 Sep 2019 12:17

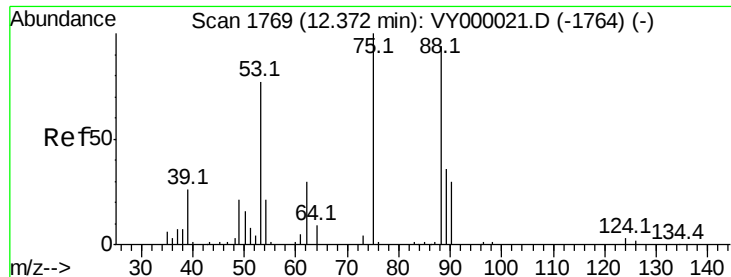
Tgt Ion: 105 Resp: 320227

Ion Ratio Lower Upper

105 100

120 48.7 24.3 73.0

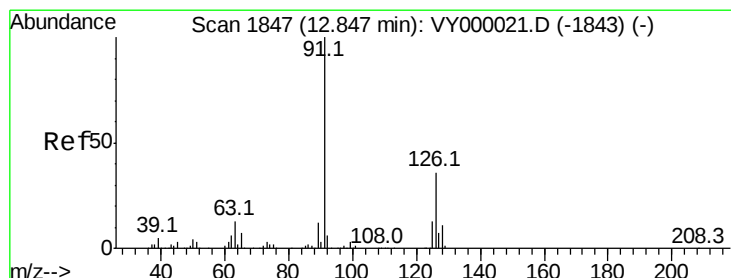
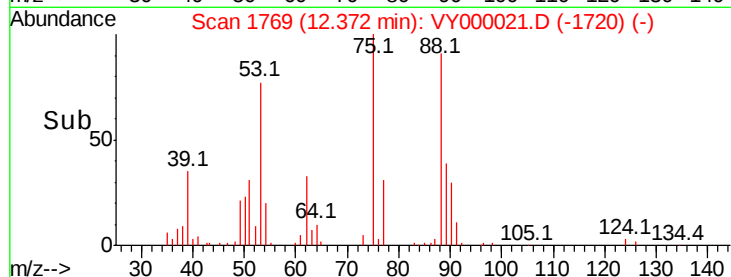
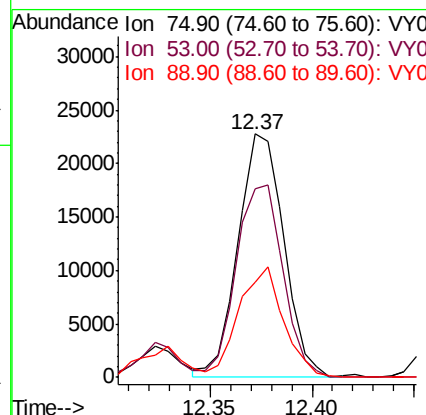
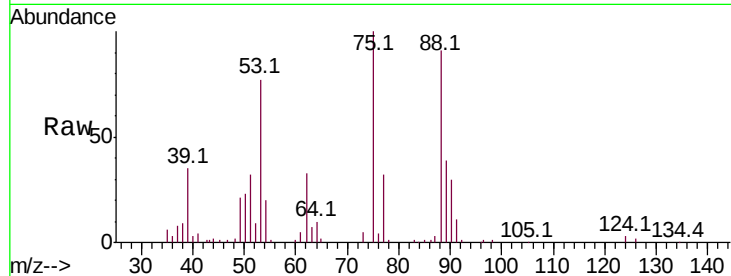




#81
trans-1,4-Dichloro-2-butene
Concen: 50.120 ug/l
RT: 12.37 min Scan# 1769
Delta R.T. 0.00 min
Lab File: VY000021.D
Acq: 12 Sep 2019 12:17

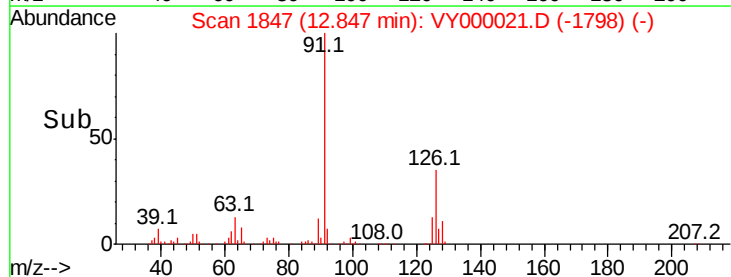
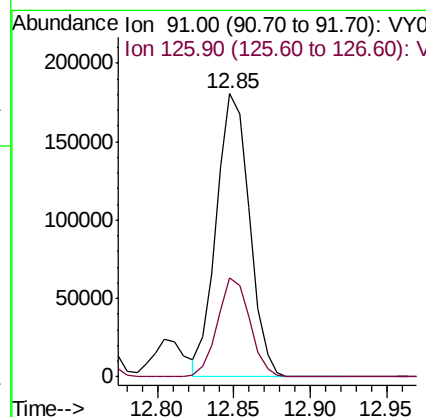
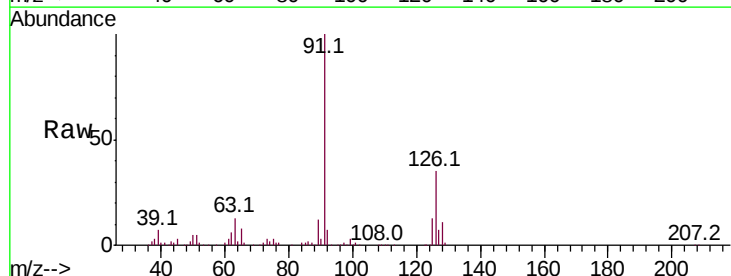
Instrument :
MSVOA_Y
ClientSampleId :

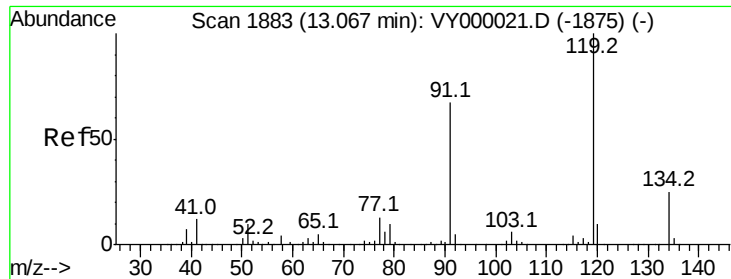
Tot Ion: 75 Resp: 35500
Ion Ratio Lower Upper
75 100
53 80.2 64.2 96.2
89 44.4 35.5 53.3



#82
4-Chlorotoluene
Concen: 49.104 ug/l
RT: 12.85 min Scan# 1847
Delta R.T. 0.00 min
Lab File: VY000021.D
Acq: 12 Sep 2019 12:17

Tgt Ion: 91 Resp: 272184
Ion Ratio Lower Upper
91 100
126 34.3 17.2 51.5

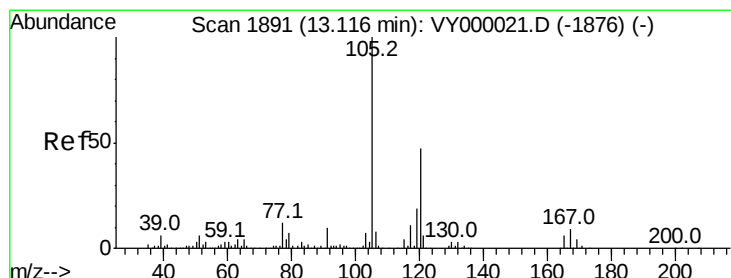
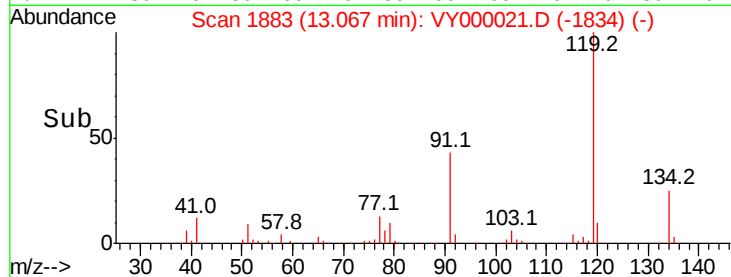
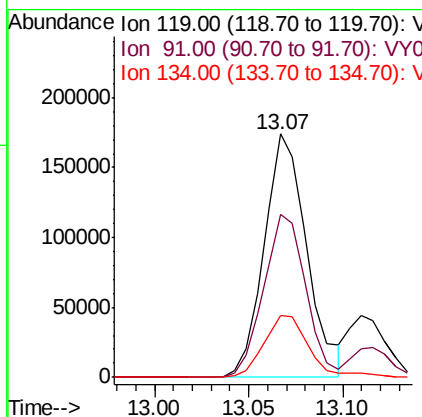
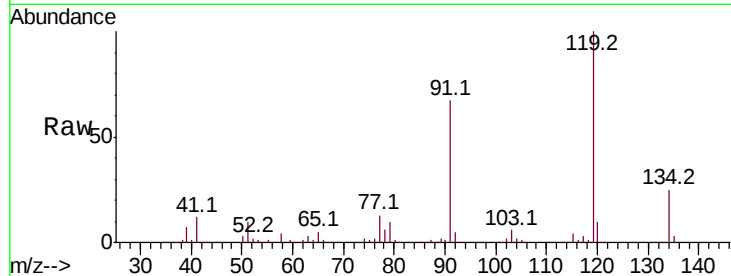




#83
 tert-Butylbenzene
 Concen: 49.226 ug/l
 RT: 13.07 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VY000021.D
 Acq: 12 Sep 2019 12:17

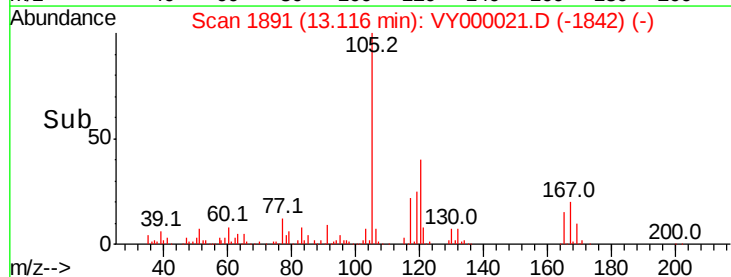
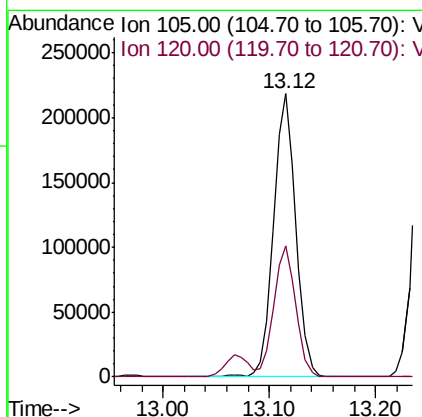
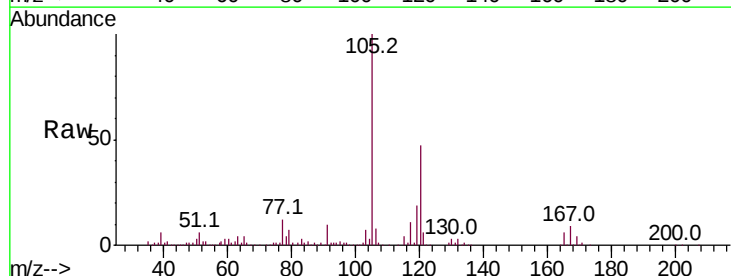
Instrument :
 MSVOA_Y
 ClientSampleId :

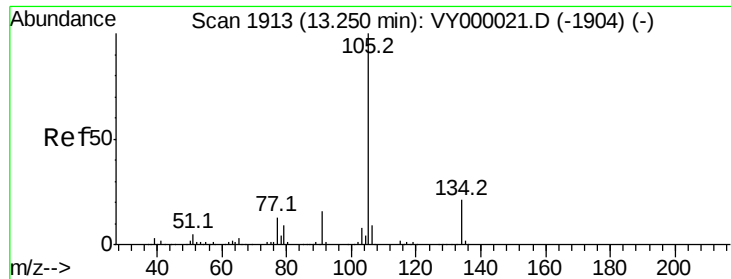
Tot Ion:	119	Resp:	272949
Ion	Ratio	Lower	Upper
119	100		
91	66.3	33.1	99.5
134	27.0	13.5	40.5



#84
 1,2,4-Trimethylbenzene
 Concen: 49.689 ug/l
 RT: 13.12 min Scan# 1891
 Delta R.T. 0.00 min
 Lab File: VY000021.D
 Acq: 12 Sep 2019 12:17

Tgt Ion:	105	Resp:	316747
Ion	Ratio	Lower	Upper
105	100		
120	46.2	23.1	69.3

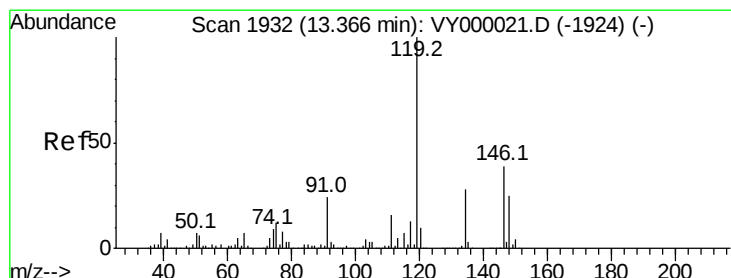
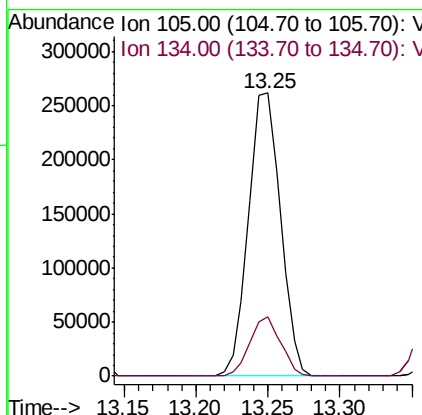
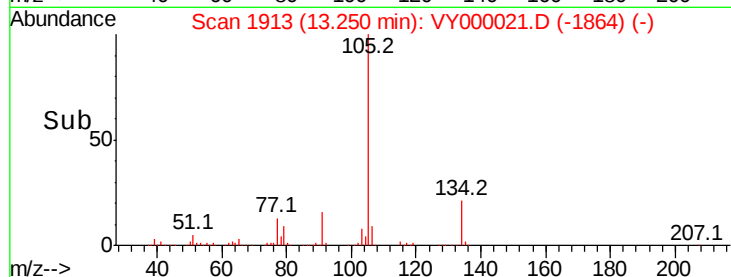
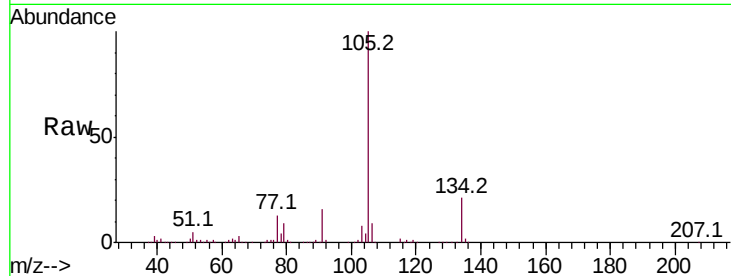




#85
 sec-Butylbenzene
 Concen: 49.230 ug/l
 RT: 13.25 min Scan# 1913
 Delta R.T. 0.00 min
 Lab File: VY000021.D
 Acq: 12 Sep 2019 12:17

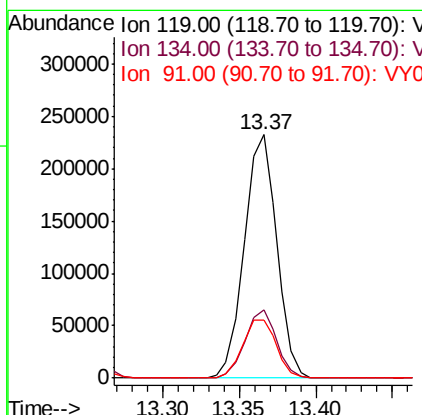
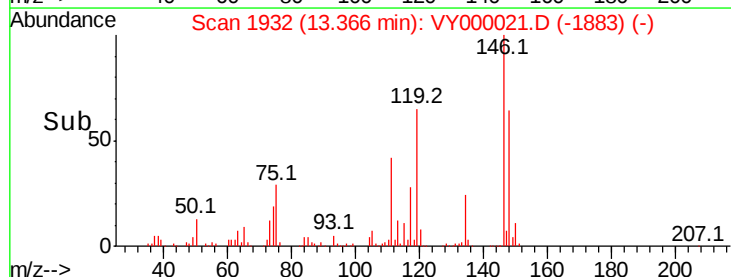
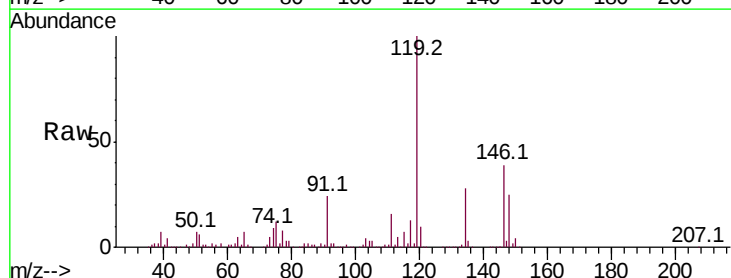
Instrument :
 MSVOA_Y
 ClientSampleId :

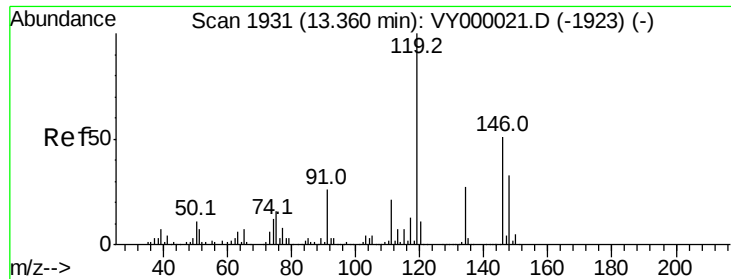
Tot Ion:105 Resp: 402846
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 49.326 ug/l
 RT: 13.37 min Scan# 1932
 Delta R.T. 0.00 min
 Lab File: VY000021.D
 Acq: 12 Sep 2019 12:17

Tgt Ion:119 Resp: 342405
 Ion Ratio Lower Upper
 119 100
 134 27.5 13.8 41.3
 91 24.8 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 49.106 ug/l

RT: 13.36 min Scan# 1931

Delta R.T. 0.00 min

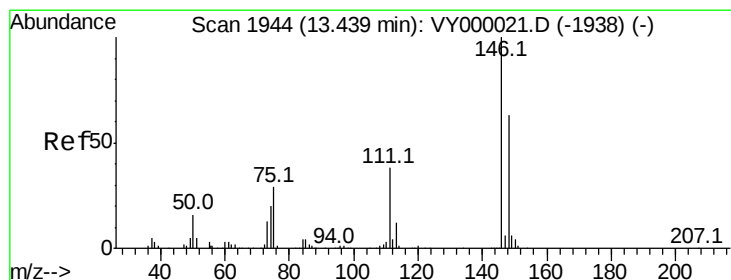
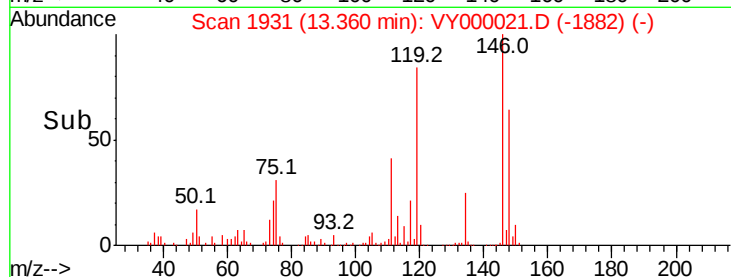
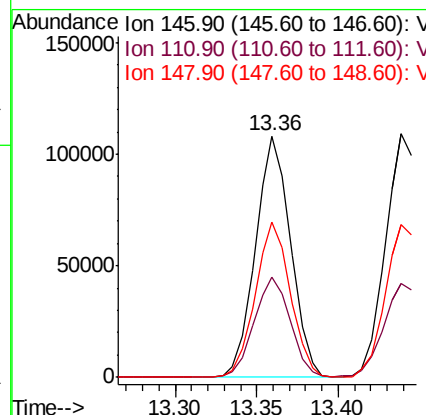
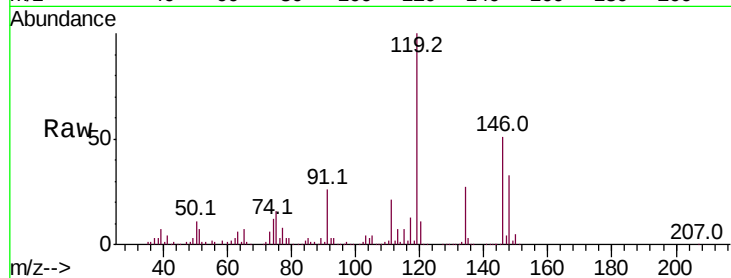
Lab File: VY000021.D

Acq: 12 Sep 2019 12:17

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:146 Resp: 161578

Ion	Ratio	Lower	Upper
146	100		
111	42.4	21.2	63.6
148	64.3	32.1	96.5



#88

1,4-Dichlorobenzene

Concen: 50.306 ug/l

RT: 13.44 min Scan# 1944

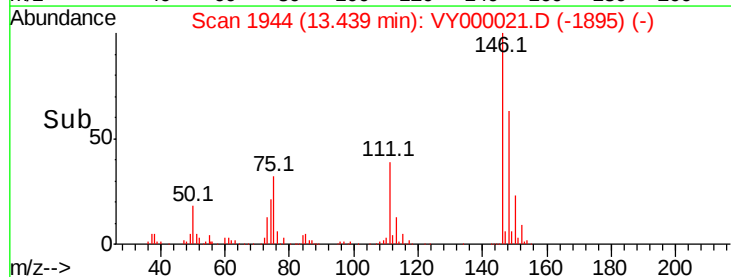
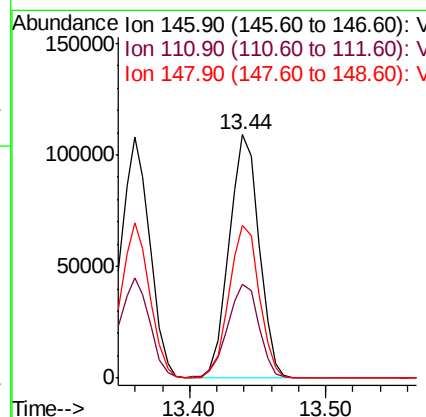
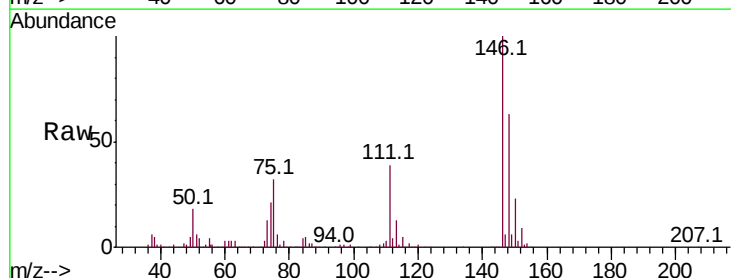
Delta R.T. 0.00 min

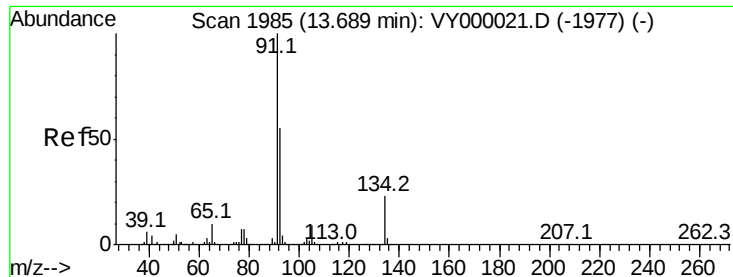
Lab File: VY000021.D

Acq: 12 Sep 2019 12:17

Tgt Ion:146 Resp: 166573

Ion	Ratio	Lower	Upper
146	100		
111	40.6	20.3	60.9
148	63.4	31.7	95.1





#89

n-Butylbenzene

Concen: 49.894 ug/l

RT: 13.69 min Scan# 1985

Delta R.T. 0.00 min

Lab File: VY000021.D

Acq: 12 Sep 2019 12:17

Instrument :

MSVOA_Y

ClientSampleId :

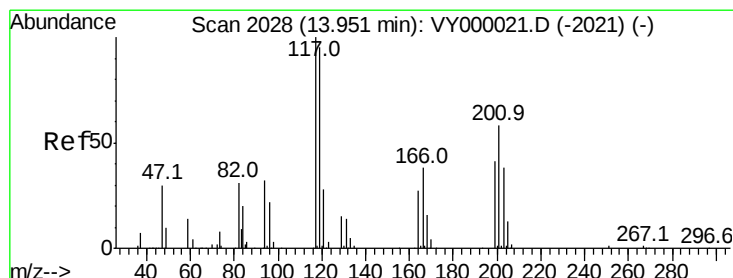
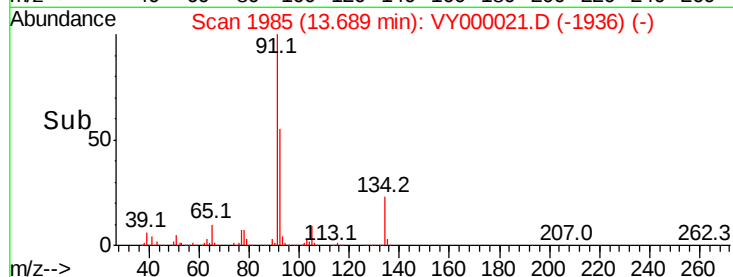
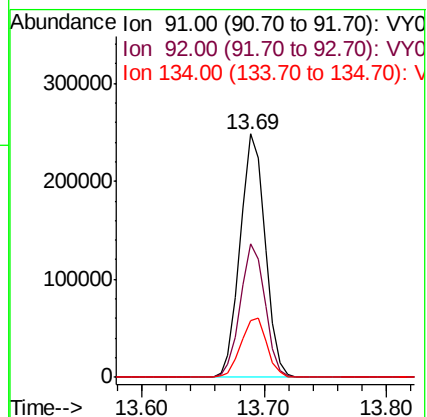
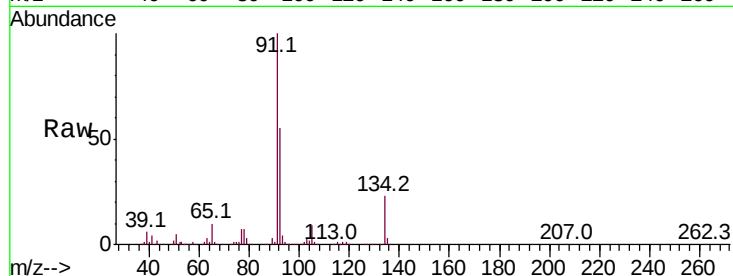
Tot Ion: 91 Resp: 350973

Ion Ratio Lower Upper

91 100

92 54.4 27.2 81.6

134 25.1 12.6 37.6



#90

Hexachloroethane

Concen: 50.402 ug/l

RT: 13.95 min Scan# 2028

Delta R.T. 0.00 min

Lab File: VY000021.D

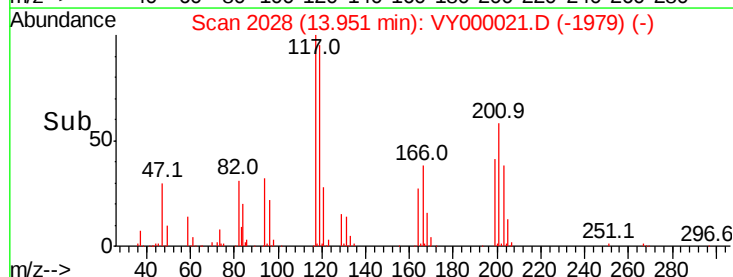
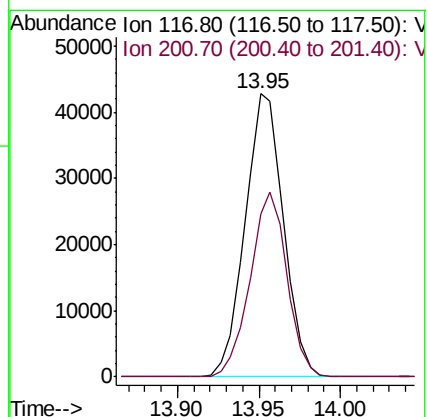
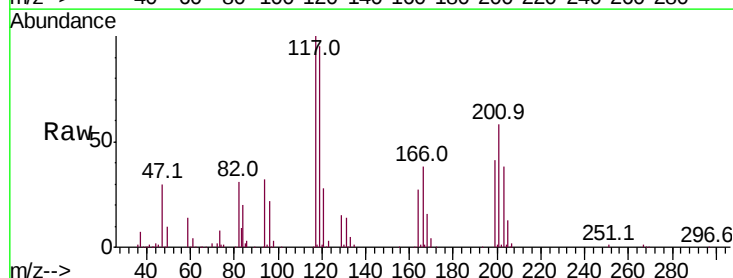
Acq: 12 Sep 2019 12:17

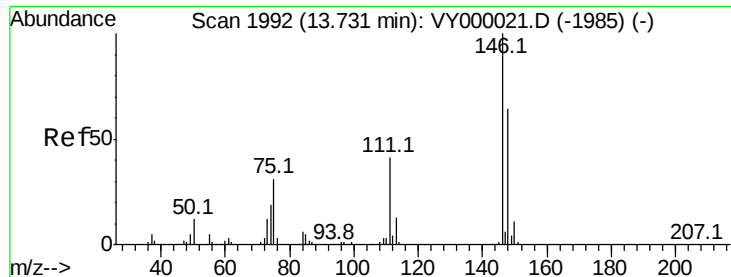
Tgt Ion: 117 Resp: 69918

Ion Ratio Lower Upper

117 100

201 62.7 31.4 94.0





#91

1,2-Dichlorobenzene

Concen: 49.437 ug/l

RT: 13.73 min Scan# 1992

Delta R.T. 0.00 min

Lab File: VY000021.D

Acq: 12 Sep 2019 12:17

Instrument :

MSVOA_Y

ClientSampleId :

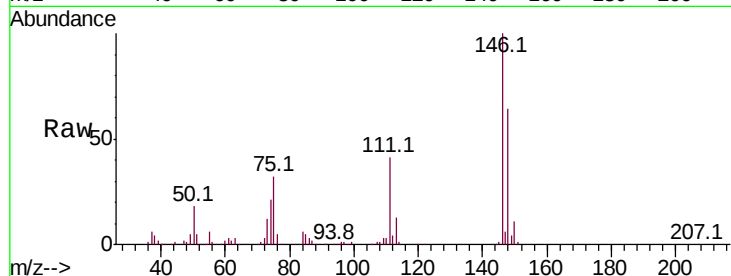
Tot Ion:146 Resp: 151383

Ion Ratio Lower Upper

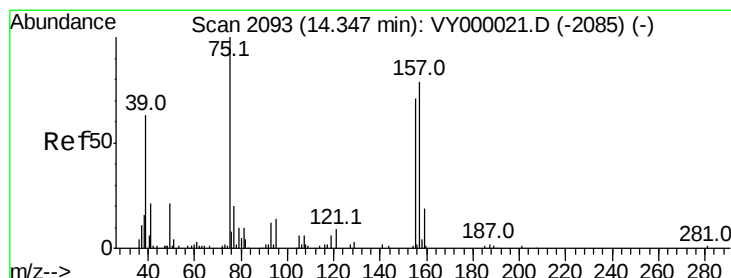
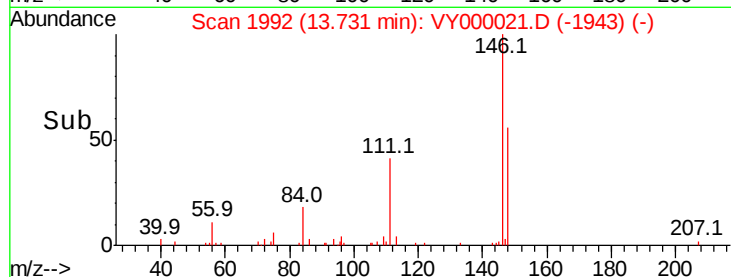
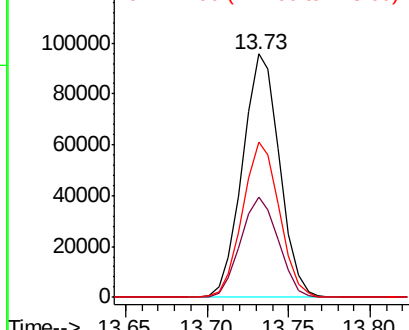
146 100

111 42.0 21.0 63.0

148 63.3 31.6 95.0



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 47.494 ug/l

RT: 14.35 min Scan# 2093

Delta R.T. 0.00 min

Lab File: VY000021.D

Acq: 12 Sep 2019 12:17

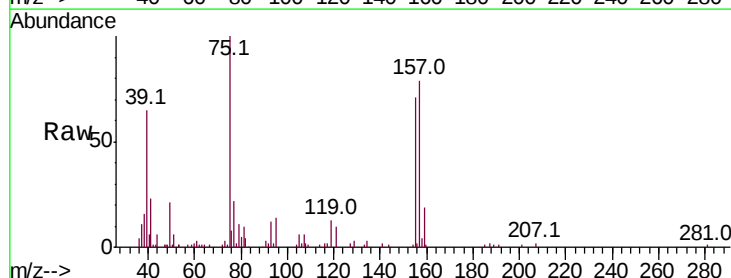
Tgt Ion: 75 Resp: 17065

Ion Ratio Lower Upper

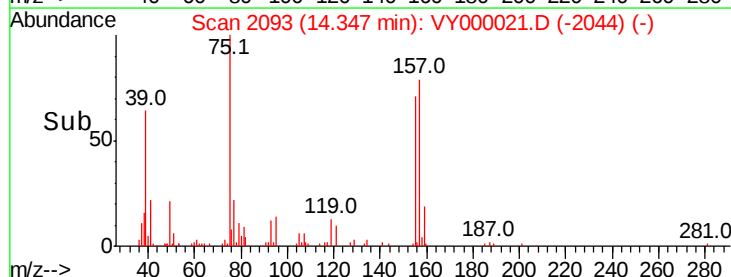
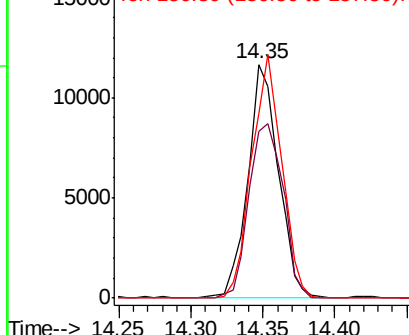
75 100

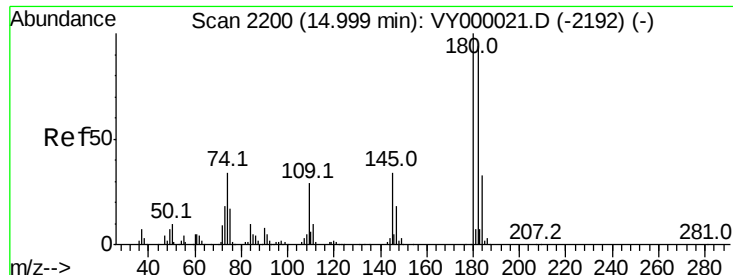
155 83.5 41.8 125.3

157 102.6 51.3 153.9



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





#93

1,2,4-Trichlorobenzene

Concen: 48.563 ug/l

RT: 15.00 min Scan# 2200

Delta R.T. 0.00 min

Lab File: VY000021.D

Acq: 12 Sep 2019 12:17

Instrument :

MSVOA_Y

ClientSampleId :

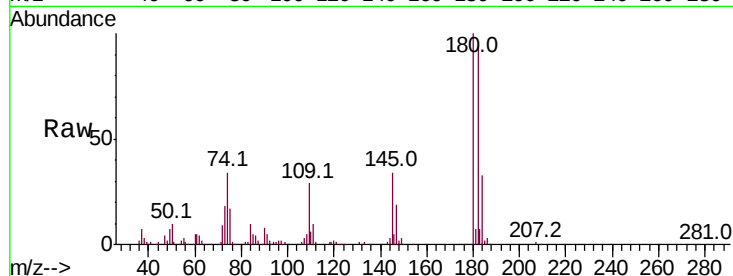
Tot Ion:180 Resp: 94890

Ion Ratio Lower Upper

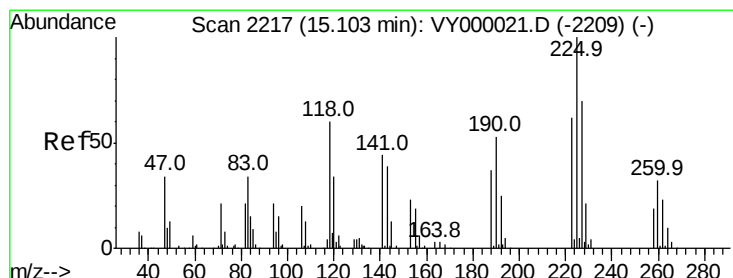
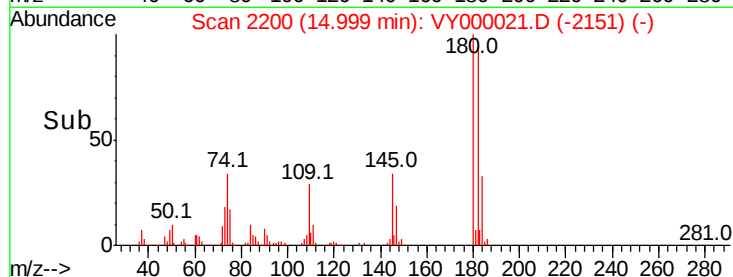
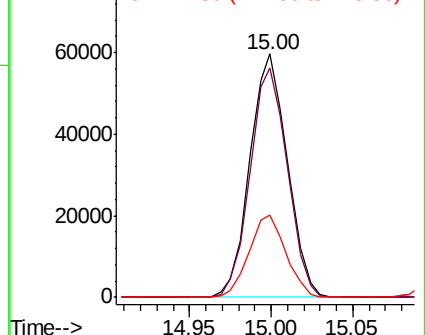
180 100

182 94.0 47.0 141.0

145 33.4 16.7 50.1



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 50.095 ug/l

RT: 15.10 min Scan# 2217

Delta R.T. 0.00 min

Lab File: VY000021.D

Acq: 12 Sep 2019 12:17

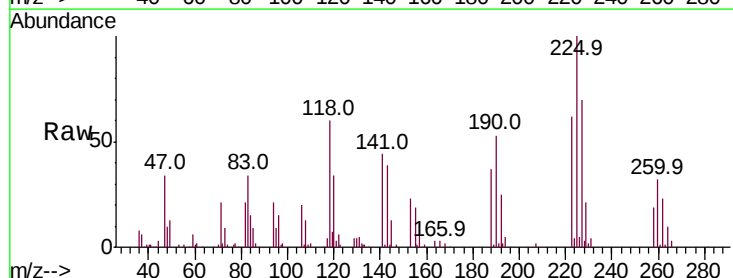
Tgt Ion:225 Resp: 44895

Ion Ratio Lower Upper

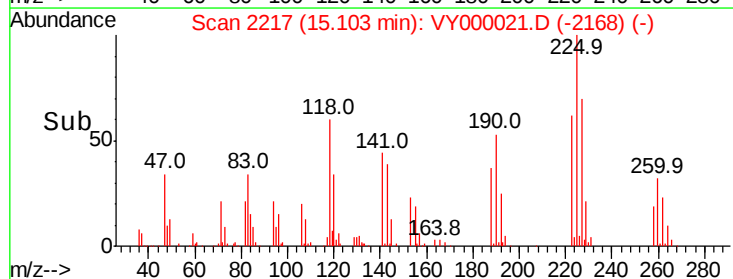
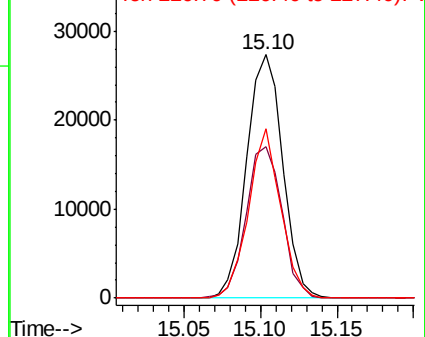
225 100

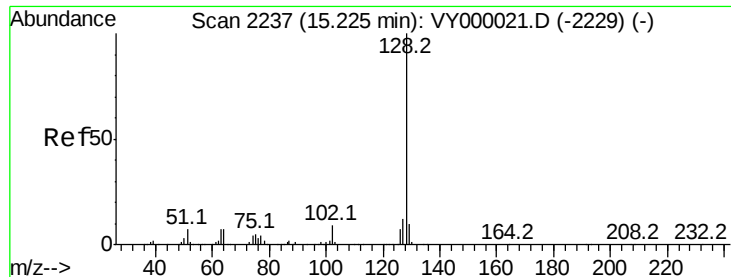
223 61.8 30.9 92.7

227 62.0 31.0 93.0



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V

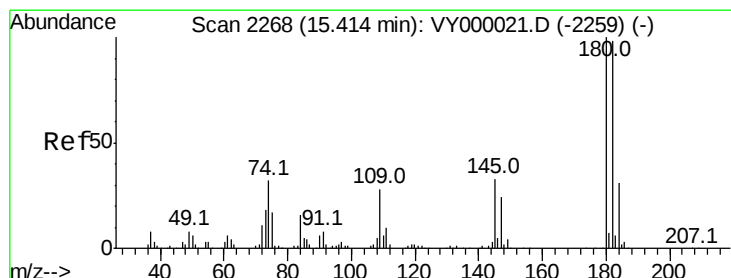
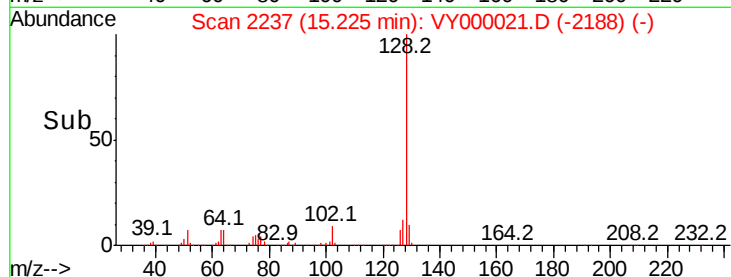
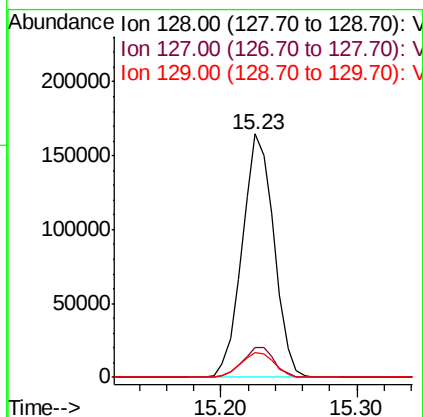
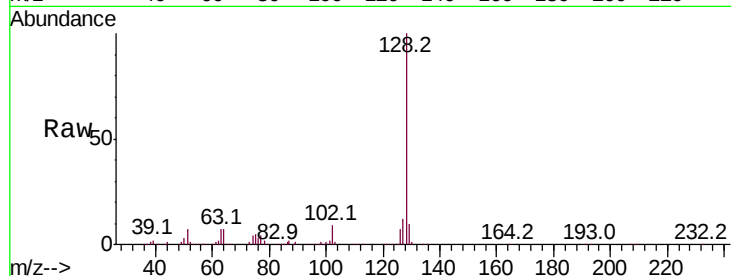




#95
Naphthalene
Concen: 50.194 ug/l
RT: 15.23 min Scan# 2237
Delta R.T. 0.00 min
Lab File: VY000021.D
Acq: 12 Sep 2019 12:17

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:128 Resp: 268315
Ion Ratio Lower Upper
128 100
127 12.3 9.8 14.8
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 50.654 ug/l
RT: 15.41 min Scan# 2268
Delta R.T. 0.00 min
Lab File: VY000021.D
Acq: 12 Sep 2019 12:17

Tgt Ion:180 Resp: 88849
Ion Ratio Lower Upper
180 100
182 93.6 46.8 140.4
145 34.5 17.3 51.7

