

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY092619\
 Data File : VY000143.D
 Acq On : 26 Sep 2019 10:49
 Operator : SY/MD
 Sample : VSTDIC010
 Misc : 5.00g/5.00ml/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 26 14:02:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y092619S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 26 14:00:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	201012	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	341367	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	296321	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	143946	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	18266	10.38	ug/l	0.00
Spiked Amount			Recovery	=	20.76%	
35) Dibromofluoromethane	7.73	113	19349	10.82	ug/l	0.01
Spiked Amount			Recovery	=	21.64%	
50) Toluene-d8	10.18	98	76064	10.05	ug/l	0.00
Spiked Amount			Recovery	=	20.10%	
62) 4-Bromofluorobenzene	12.48	95	32031	11.62	ug/l	0.00
Spiked Amount			Recovery	=	23.24%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.90	85	19551	12.236	ug/l	97
3) Chloromethane	2.11	50	26680	11.442	ug/l	99
4) Vinyl Chloride	2.25	62	27182	10.851	ug/l	96
5) Bromomethane	2.64	94	19750	11.692	ug/l	98
6) Chloroethane	2.79	64	16316	10.492	ug/l	90
7) Trichlorofluoromethane	3.12	101	32484	10.758	ug/l	99
8) Diethyl Ether	3.53	74	12779	10.615	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	3.90	101	21733	11.026	ug/l	98
10) Methyl Iodide	4.09	142	30826	10.143	ug/l	98
11) Tert butyl alcohol	4.97	59	9971	56.694	ug/l #	91
12) 1,1-Dichloroethene	3.86	96	23209	11.228	ug/l	98
13) Acrolein	3.73	56	10834	49.603	ug/l	96
14) Allyl chloride	4.47	41	27060	10.462	ug/l	99
15) Acrylonitrile	5.18	53	29692	54.232	ug/l	96
16) Acetone	3.95	43	24388	56.540	ug/l #	86
17) Carbon Disulfide	4.19	76	71271	11.116	ug/l #	94
18) Methyl Acetate	4.47	43	12970	10.160	ug/l	99
19) Methyl tert-butyl Ether	5.23	73	52985	10.828	ug/l	98
20) Methylene Chloride	4.71	84	28905	11.603	ug/l	97
21) trans-1,2-Dichloroethene	5.22	96	24859	10.794	ug/l	90
22) Diisopropyl ether	6.12	45	57946	10.660	ug/l #	96
23) Vinyl Acetate	6.07	43	179319	52.638	ug/l	100
24) 1,1-Dichloroethane	6.02	63	35553	10.804	ug/l	97
25) 2-Butanone	6.99	43	36345	53.779	ug/l	99
26) 2,2-Dichloropropane	6.99	77	32357	10.814	ug/l	97
27) cis-1,2-Dichloroethene	6.99	96	28356	11.079	ug/l	99
28) Bromochloromethane	7.35	49	11662	9.302	ug/l	98
29) Tetrahydrofuran	7.36	42	22434	53.847	ug/l	99
30) Chloroform	7.51	83	37383	10.855	ug/l	91
31) Cyclohexane	7.78	56	38200	11.229	ug/l	89
32) 1,1,1-Trichloroethane	7.70	97	32415	10.734	ug/l	98
36) 1,1-Dichloropropene	7.92	75	28705	10.119	ug/l	96
37) Ethyl Acetate	7.08	43	16516	11.021	ug/l	97
38) Carbon Tetrachloride	7.90	117	28407	10.257	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.18	83	42062	10.454	ug/l	97
40) Benzene	8.16	78	94013	10.491	ug/l	98
41) Methacrylonitrile	7.32	41	7713	9.492	ug/l #	100
42) 1,2-Dichloroethane	8.24	62	22926	10.515	ug/l	100
43) Isopropyl Acetate	8.28	43	29223	10.557	ug/l	95
44) Trichloroethene	8.94	130	30252	10.564	ug/l	95
45) 1,2-Dichloropropane	9.22	63	20115	10.175	ug/l	99
46) Dibromomethane	9.31	93	12840	10.643	ug/l	99
47) Bromodichloromethane	9.50	83	28386	10.439	ug/l #	98
48) Methyl methacrylate	9.29	41	13968	11.268	ug/l	90
49) 1,4-Dioxane	9.30	88	3889	208.650	ug/l #	96
51) 4-Methyl-2-Pentanone	10.07	43	78061	54.329	ug/l	98
52) Toluene	10.24	92	58843	10.139	ug/l	94
53) t-1,3-Dichloropropene	10.47	75	30013	10.507	ug/l	94
54) cis-1,3-Dichloropropene	9.93	75	34734	10.261	ug/l	99
55) 1,1,2-Trichloroethane	10.64	97	18969	10.574	ug/l	95
56) Ethyl methacrylate	10.51	69	24241	10.389	ug/l	98
57) 1,3-Dichloropropane	10.79	76	30100	10.442	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.78	63	50678	46.239	ug/l	96
59) 2-Hexanone	10.83	43	54008	52.887	ug/l	95
60) Dibromochloromethane	10.98	129	20644	10.180	ug/l	99
61) 1,2-Dibromoethane	11.09	107	18415	10.758	ug/l	99
64) Tetrachloroethene	10.72	164	30581	10.418	ug/l	95
65) Chlorobenzene	11.51	112	65761	10.664	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.59	131	21016	10.086	ug/l	96
67) Ethyl Benzene	11.59	91	111436	10.572	ug/l	100
68) m/p-Xylenes	11.70	106	89711	21.053	ug/l	96
69) o-Xylene	12.03	106	43960	10.817	ug/l	97
70) Styrene	12.04	104	73102	10.629	ug/l	97
71) Bromoform	12.20	173	12754	10.416	ug/l #	95
73) Isopropylbenzene	12.33	105	108109	10.409	ug/l	100
74) N-amyl acetate	12.14	43	25832	10.276	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	18242	11.284	ug/l	97
76) 1,2,3-Trichloropropane	12.63	75	28077	19.803	ug/l #	100
77) Bromobenzene	12.61	156	26203	10.213	ug/l	97
78) n-propylbenzene	12.67	91	130115	10.510	ug/l	100
79) 2-Chlorotoluene	12.75	91	69826	10.366	ug/l	97
80) 1,3,5-Trimethylbenzene	12.81	105	91648	10.608	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.38	75	7350	10.111	ug/l	92
82) 4-Chlorotoluene	12.85	91	72909	10.388	ug/l	99
83) tert-Butylbenzene	13.07	119	80086	10.765	ug/l	98
84) 1,2,4-Trimethylbenzene	13.11	105	89916	10.299	ug/l	97
85) sec-Butylbenzene	13.25	105	111755	10.463	ug/l	99
86) p-Isopropyltoluene	13.36	119	98444	10.349	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	51609	10.498	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	51561	10.537	ug/l	98
89) n-Butylbenzene	13.69	91	95079	10.518	ug/l	99
90) Hexachloroethane	13.95	117	18783	10.452	ug/l	96
91) 1,2-Dichlorobenzene	13.73	146	46930	10.448	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.36	75	3054	9.575	ug/l	76

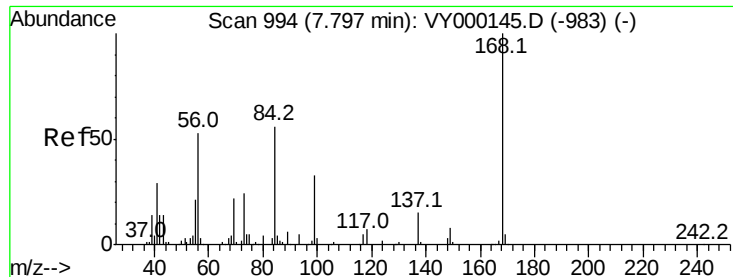
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	31930	10.246	ug/l	98
94) Hexachlorobutadiene	15.11	225	16044	10.552	ug/l	97
95) Naphthalene	15.23	128	75251	10.784	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	29915	10.703	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY000143.D

Acq: 26 Sep 2019 10:49

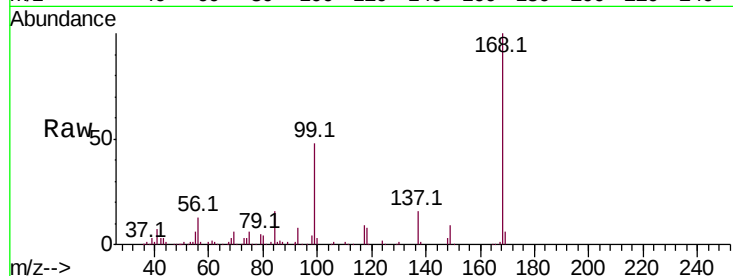
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:168 Resp: 201012

Ion Ratio Lower Upper

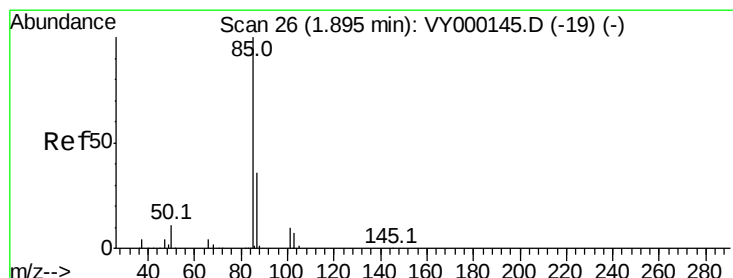
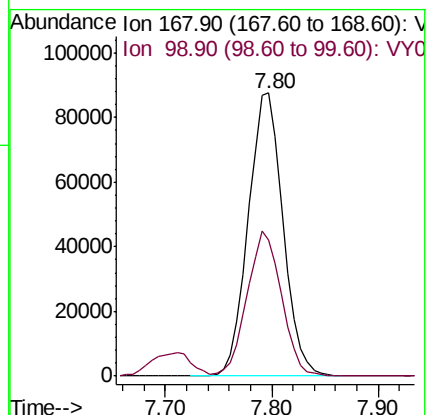
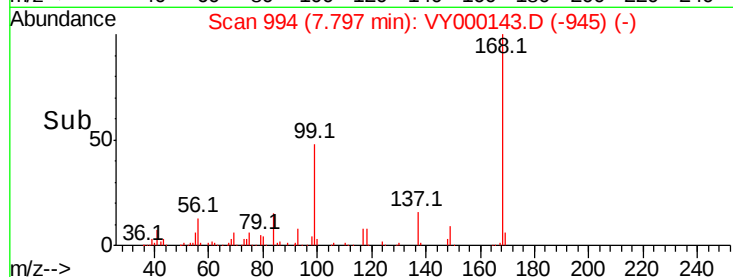
168 100

99 47.9 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): VY000143.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY000143.D (-945) (-)



#2

Dichlorodifluoromethane

Concen: 12.236 ug/l

RT: 1.90 min Scan# 27

Delta R.T. 0.01 min

Lab File: VY000143.D

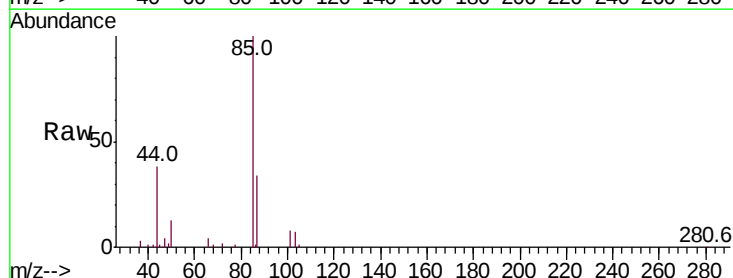
Acq: 26 Sep 2019 10:49

Tgt Ion: 85 Resp: 19551

Ion Ratio Lower Upper

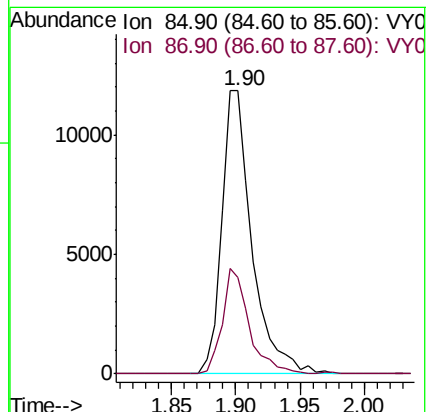
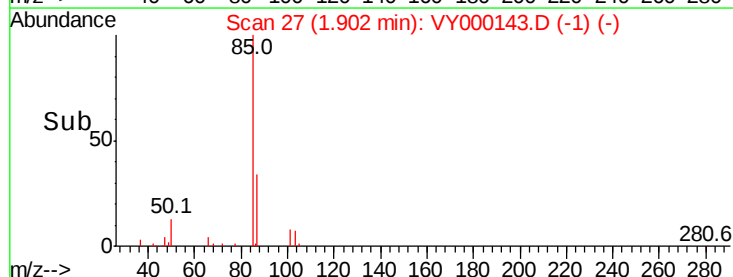
85 100

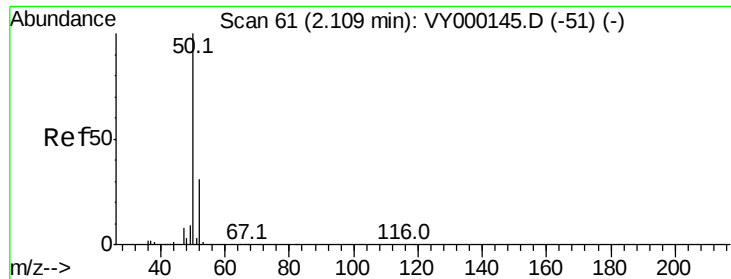
87 34.2 17.9 53.8



Abundance Ion 84.90 (84.60 to 85.60): VY000143.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY000143.D (-1) (-)





#3

Chloromethane

Concen: 11.442 ug/l

RT: 2.11 min Scan# 61

Delta R.T. 0.00 min

Lab File: VY000143.D

Acq: 26 Sep 2019 10:49

Instrument :

MSVOA_Y

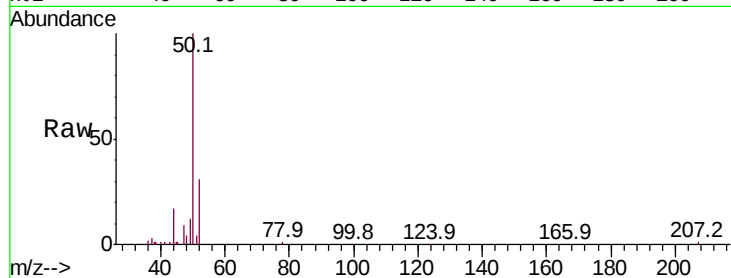
ClientSampleId :

Tot Ion: 50 Resp: 26680

Ion Ratio Lower Upper

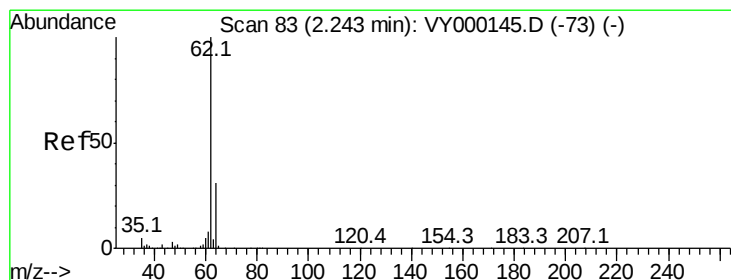
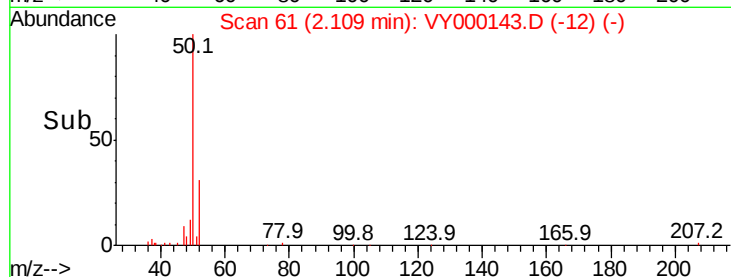
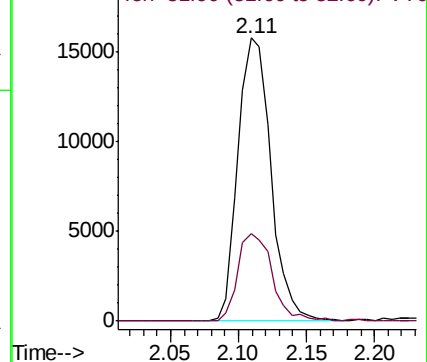
50 100

52 30.9 25.0 37.6



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 10.851 ug/l

RT: 2.25 min Scan# 84

Delta R.T. 0.01 min

Lab File: VY000143.D

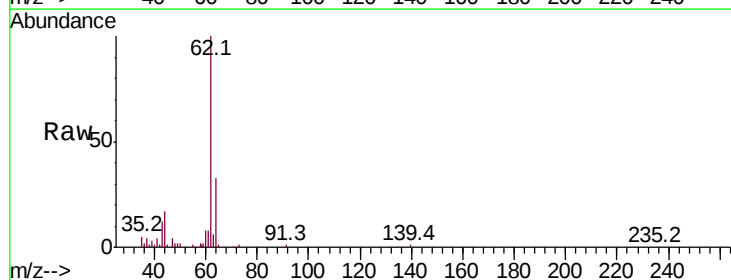
Acq: 26 Sep 2019 10:49

Tgt Ion: 62 Resp: 27182

Ion Ratio Lower Upper

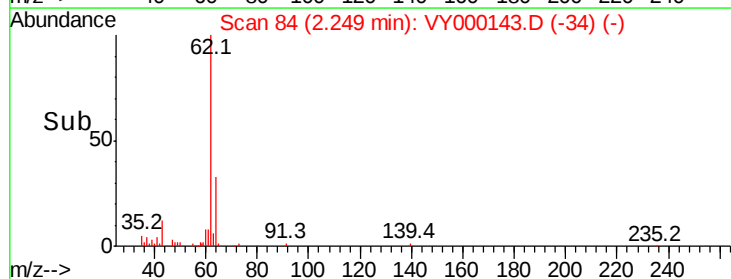
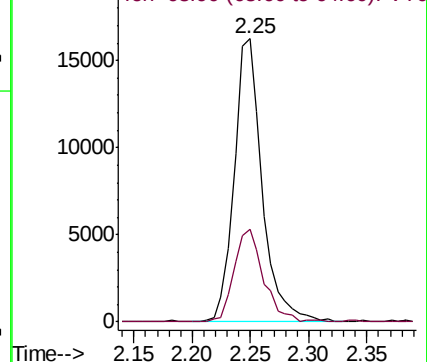
62 100

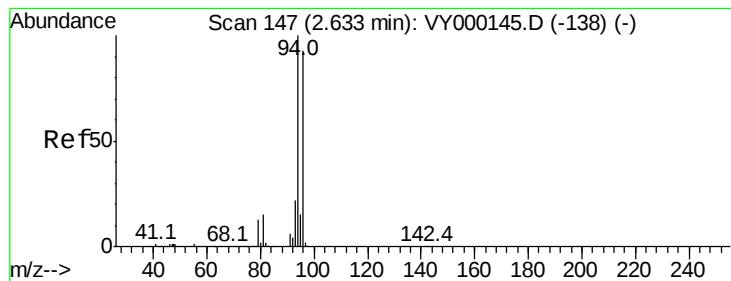
64 32.5 24.5 36.7



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 11.692 ug/l

RT: 2.64 min Scan# 148

Delta R.T. 0.01 min

Lab File: VY000143.D

Acq: 26 Sep 2019 10:49

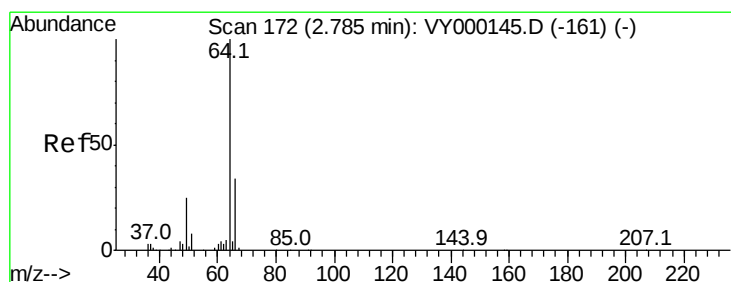
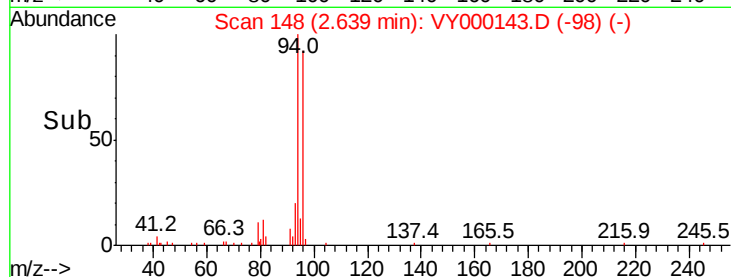
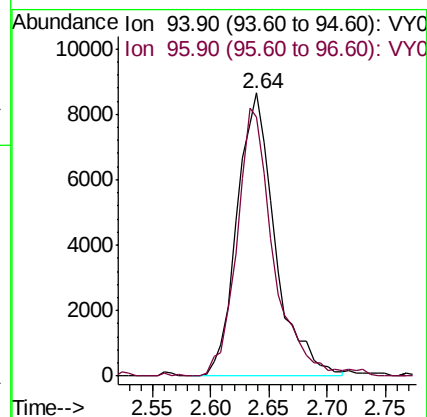
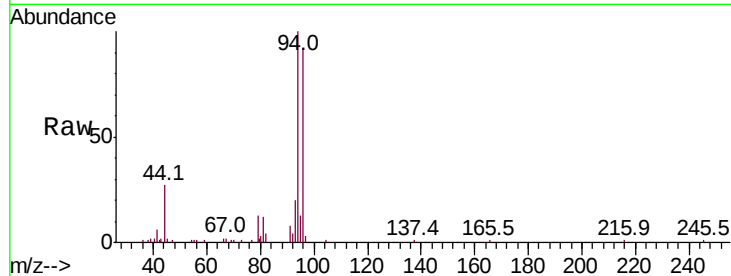
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 94 Resp: 19750

Ion Ratio Lower Upper

94 100

96 91.6 74.6 111.8



#6

Chloroethane

Concen: 10.492 ug/l

RT: 2.79 min Scan# 173

Delta R.T. 0.01 min

Lab File: VY000143.D

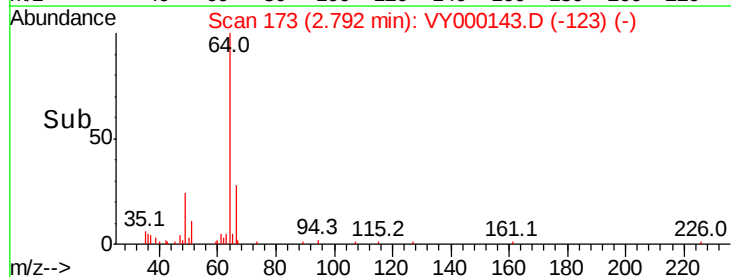
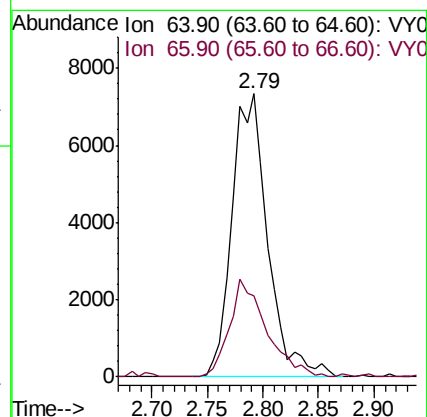
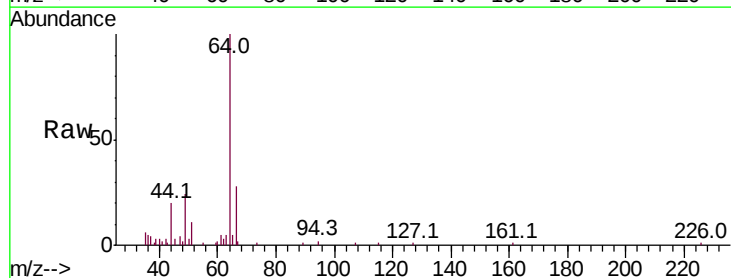
Acq: 26 Sep 2019 10:49

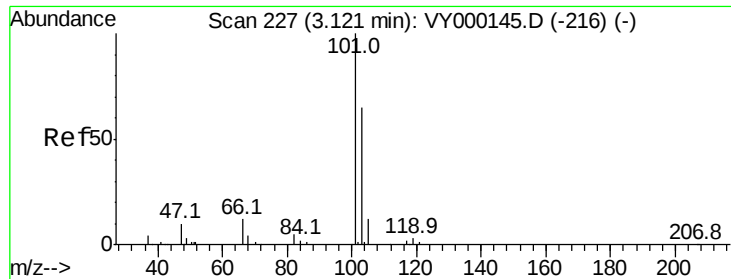
Tgt Ion: 64 Resp: 16316

Ion Ratio Lower Upper

64 100

66 28.5 27.4 41.0



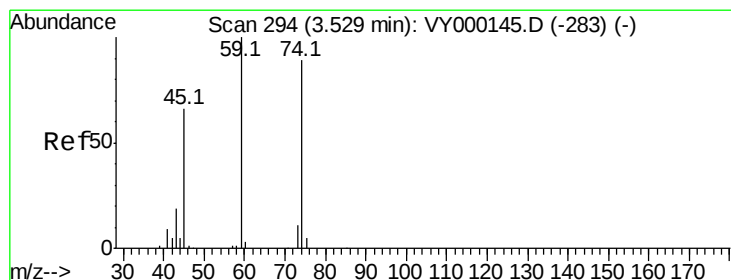
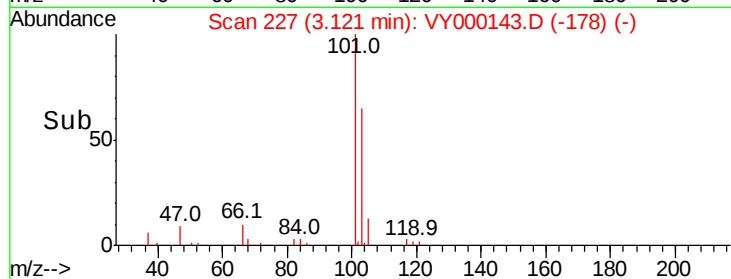
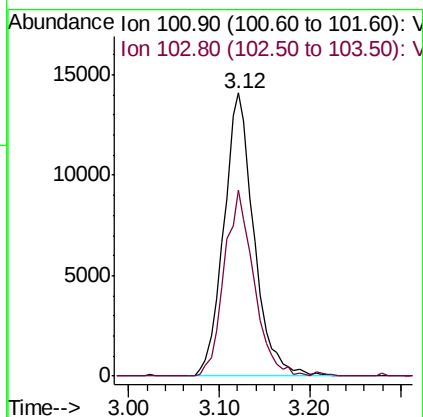
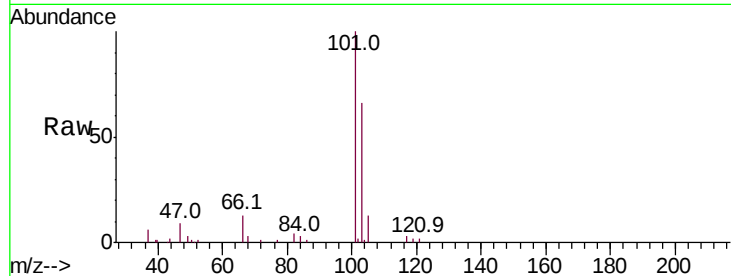


#7

Trichlorofluoromethane
 Concen: 10.758 ug/l
 RT: 3.12 min Scan# 227
 Delta R.T. 0.00 min
 Lab File: VY000143.D
 Acq: 26 Sep 2019 10:49

Instrument :
 MSVOA_Y
 ClientSampleId :

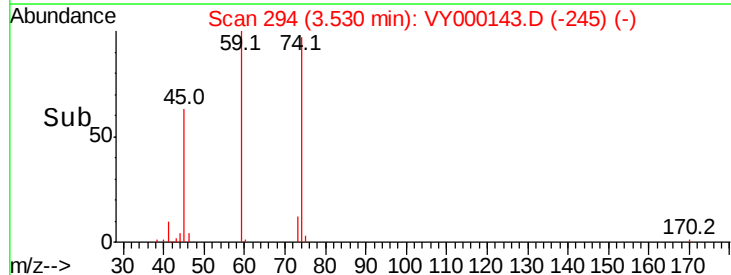
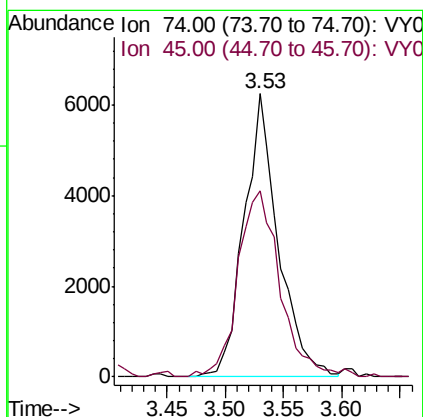
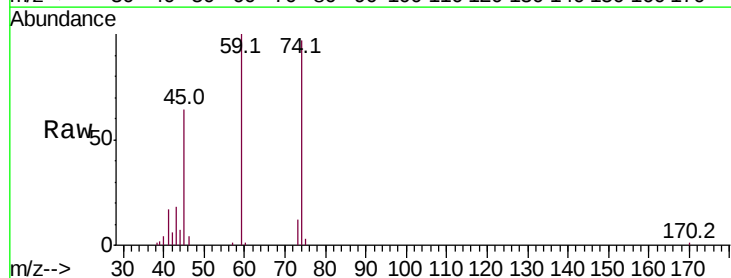
Tot Ion:101 Resp: 32484
 Ion Ratio Lower Upper
 101 100
 103 65.7 51.9 77.9

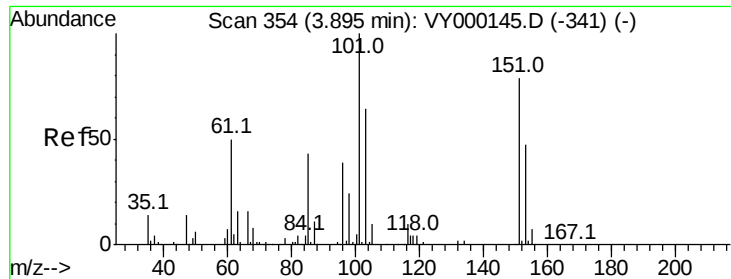


#8

Diethyl Ether
 Concen: 10.615 ug/l
 RT: 3.53 min Scan# 294
 Delta R.T. 0.00 min
 Lab File: VY000143.D
 Acq: 26 Sep 2019 10:49

Tgt Ion: 74 Resp: 12779
 Ion Ratio Lower Upper
 74 100
 45 81.0 37.7 113.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 11.026 ug/l

RT: 3.90 min Scan# 354

Delta R.T. 0.00 min

Lab File: VY000143.D

Acq: 26 Sep 2019 10:49

Instrument :

MSVOA_Y

ClientSampleId :

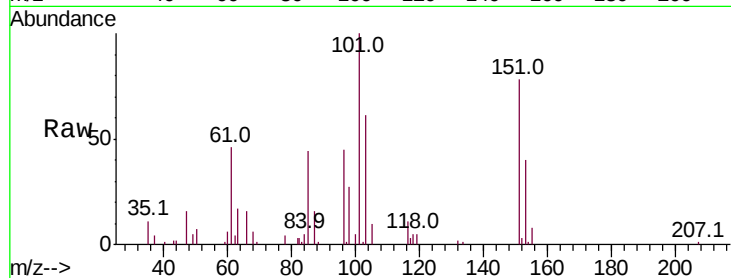
Tot Ion:101 Resp: 21733

Ion Ratio Lower Upper

101 100

85 43.7 34.8 52.2

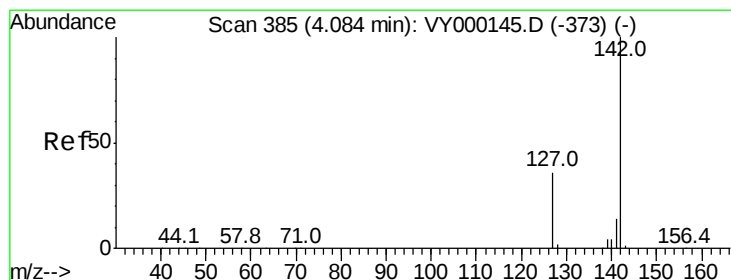
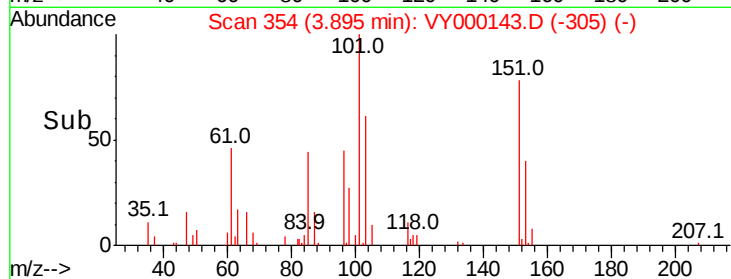
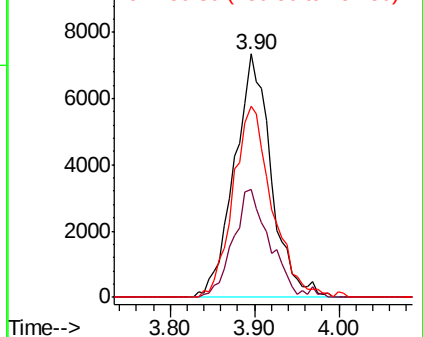
151 82.8 64.0 96.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 10.143 ug/l

RT: 4.09 min Scan# 386

Delta R.T. 0.01 min

Lab File: VY000143.D

Acq: 26 Sep 2019 10:49

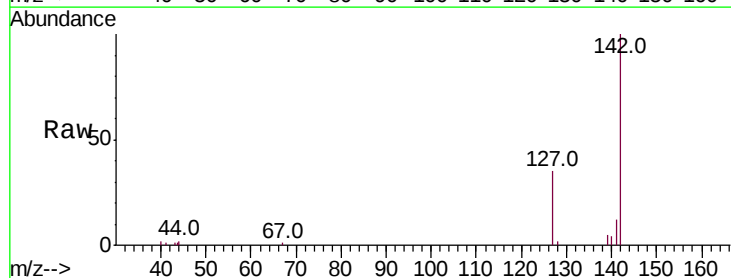
Tgt Ion:142 Resp: 30826

Ion Ratio Lower Upper

142 100

127 36.3 30.0 45.0

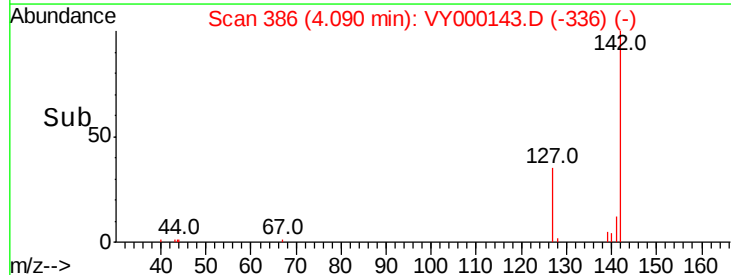
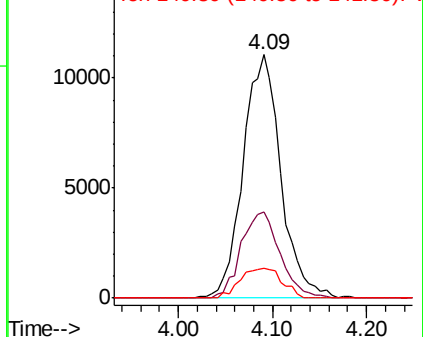
141 13.6 11.0 16.6

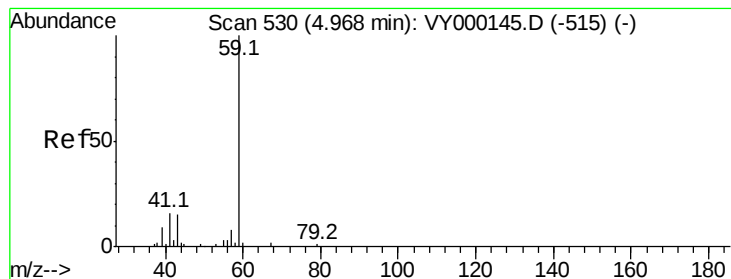


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



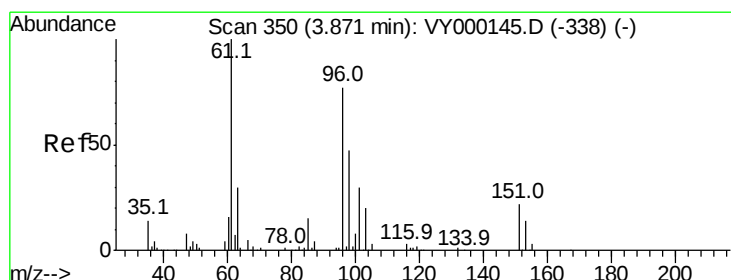
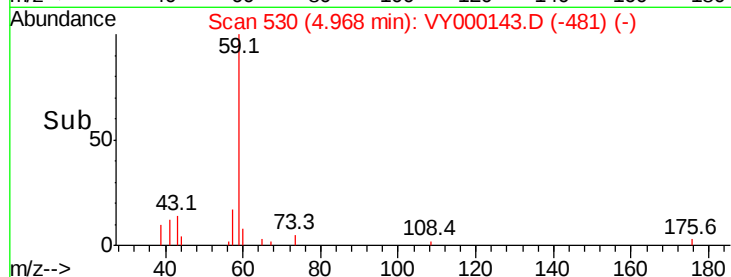
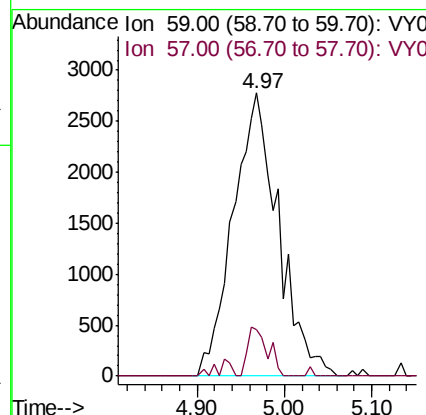
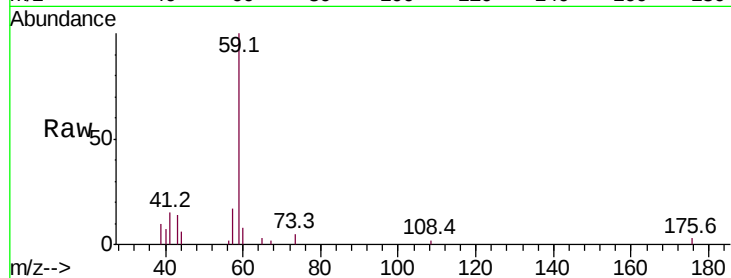


#11

Tert butyl alcohol
 Concen: 56.694 ug/l
 RT: 4.97 min Scan# 530
 Delta R.T. 0.00 min
 Lab File: VY000143.D
 Acq: 26 Sep 2019 10:49

Instrument :
 MSVOA_Y
 ClientSampleId :

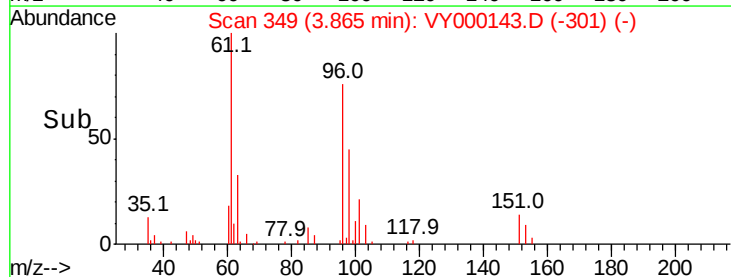
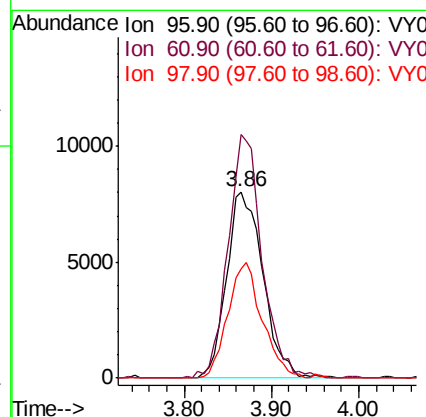
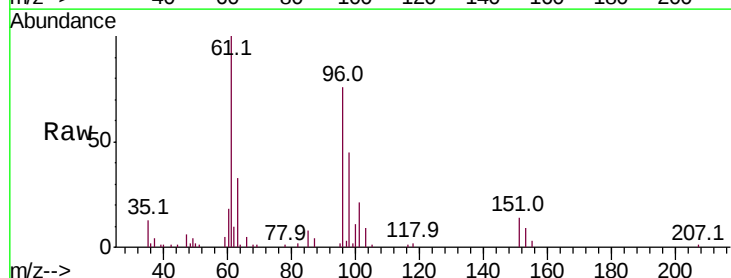
Tot Ion: 59 Resp: 9971
 Ion Ratio Lower Upper
 59 100
 57 7.8 8.9 13.3#

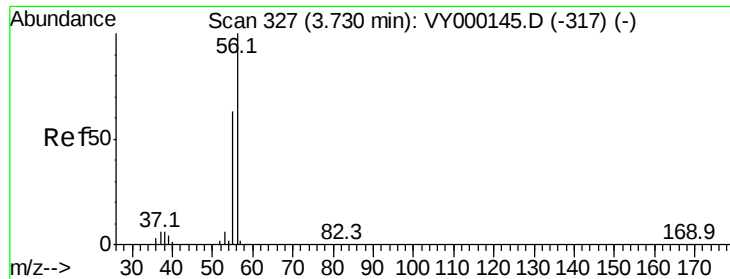


#12

1,1-Dichloroethene
 Concen: 11.228 ug/l
 RT: 3.86 min Scan# 349
 Delta R.T. -0.01 min
 Lab File: VY000143.D
 Acq: 26 Sep 2019 10:49

Tgt Ion: 96 Resp: 23209
 Ion Ratio Lower Upper
 96 100
 61 130.9 103.6 155.4
 98 58.9 48.7 73.1





#13

Acrolein

Concen: 49.603 ug/l

RT: 3.73 min Scan# 327

Delta R.T. 0.00 min

Lab File: VY000143.D

Acq: 26 Sep 2019 10:49

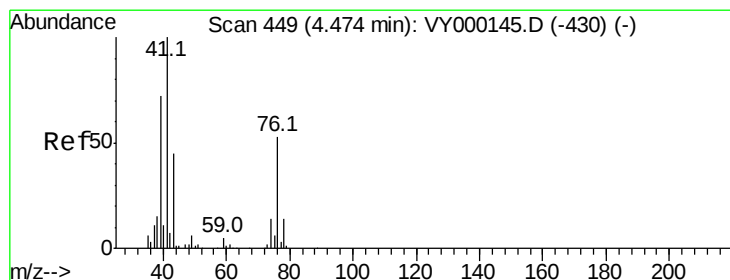
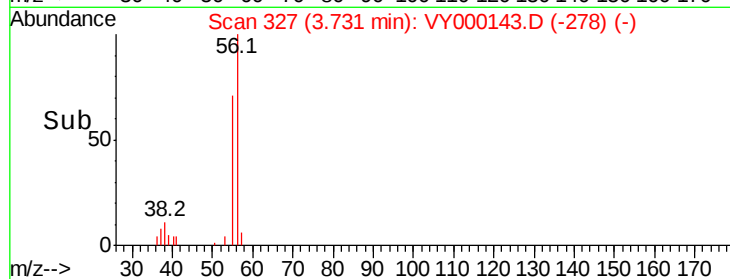
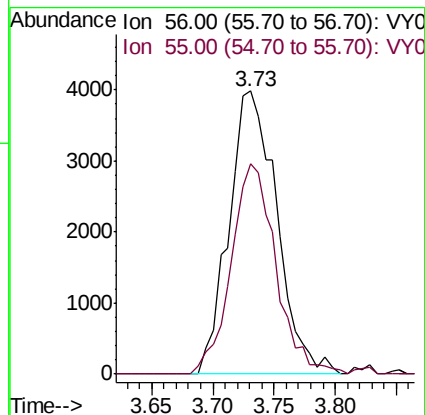
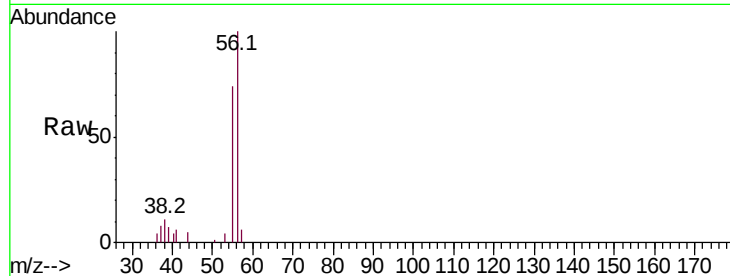
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 56 Resp: 10834

Ion Ratio Lower Upper

56 100

55 69.4 53.1 79.7



#14

Allyl chloride

Concen: 10.462 ug/l

RT: 4.47 min Scan# 449

Delta R.T. 0.00 min

Lab File: VY000143.D

Acq: 26 Sep 2019 10:49

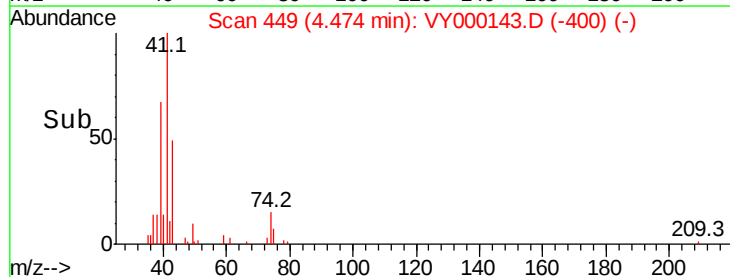
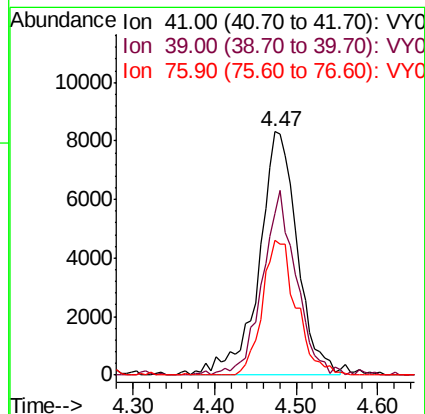
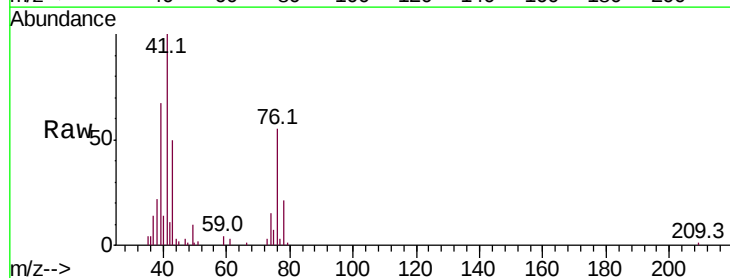
Tgt Ion: 41 Resp: 27060

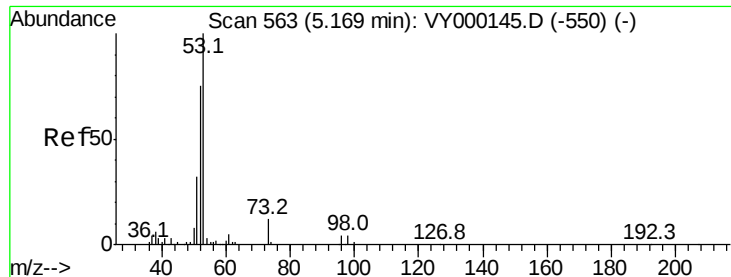
Ion Ratio Lower Upper

41 100

39 66.8 54.6 82.0

76 49.4 39.0 58.6





#15

Acrylonitrile

Concen: 54.232 ug/l

RT: 5.18 min Scan# 564

Delta R.T. 0.01 min

Lab File: VY000143.D

Acq: 26 Sep 2019 10:49

Instrument :
MSVOA_Y
ClientSampled :

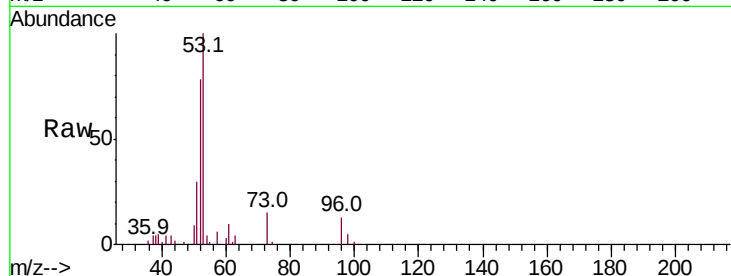
Tot Ion: 53 Resp: 29692

Ion Ratio Lower Upper

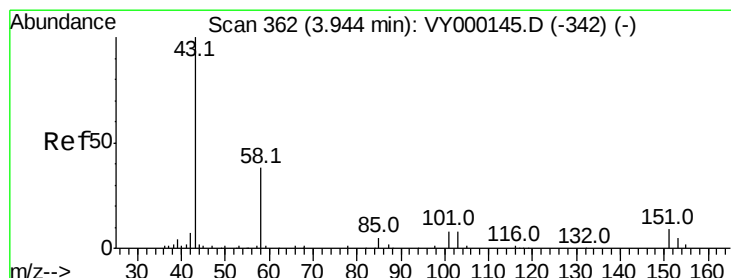
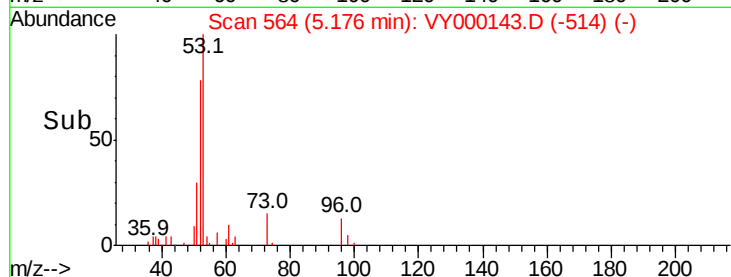
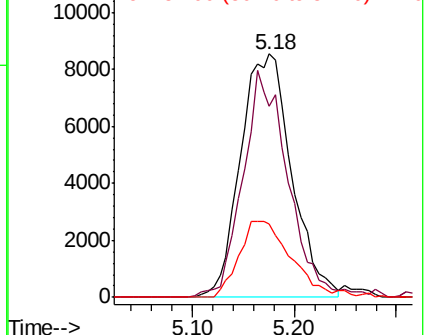
53 100

52 82.6 62.9 94.3

51 32.1 27.5 41.3



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



#16

Acetone

Concen: 56.540 ug/l

RT: 3.95 min Scan# 363

Delta R.T. 0.01 min

Lab File: VY000143.D

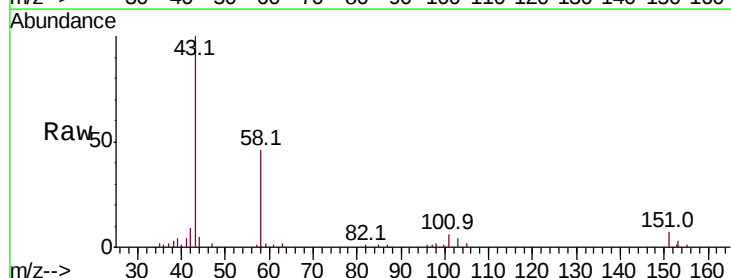
Acq: 26 Sep 2019 10:49

Tgt Ion: 43 Resp: 24388

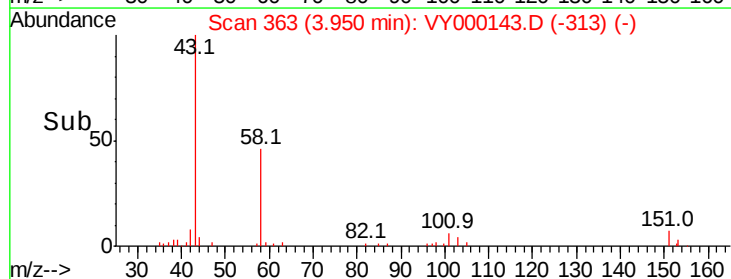
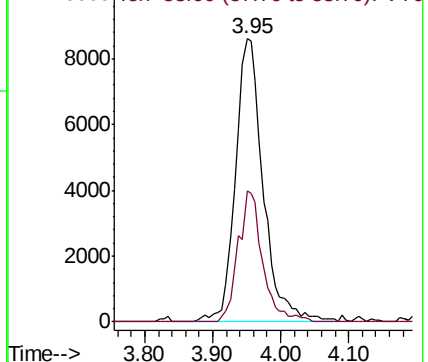
Ion Ratio Lower Upper

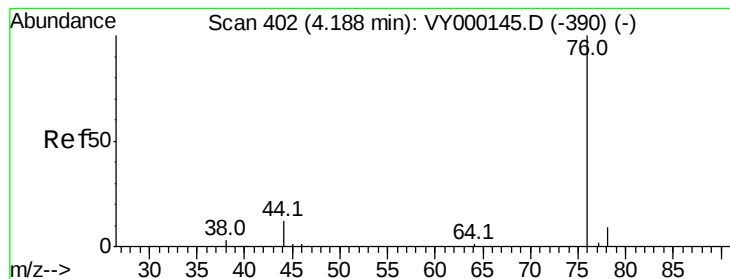
43 100

58 46.4 30.4 45.6#



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





#17

Carbon Disulfide

Concen: 11.116 ug/l

RT: 4.19 min Scan# 402

Delta R.T. 0.00 min

Lab File: VY000143.D

Acq: 26 Sep 2019 10:49

Instrument :

MSVOA_Y

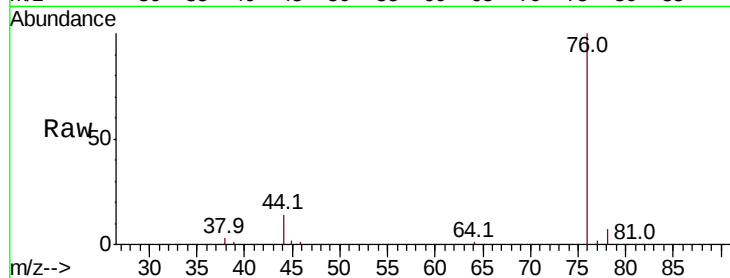
ClientSampleId :

Tot Ion: 76 Resp: 71271

Ion Ratio Lower Upper

76 100

78 6.6 7.0 10.4#



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

4.19

30000

25000

20000

15000

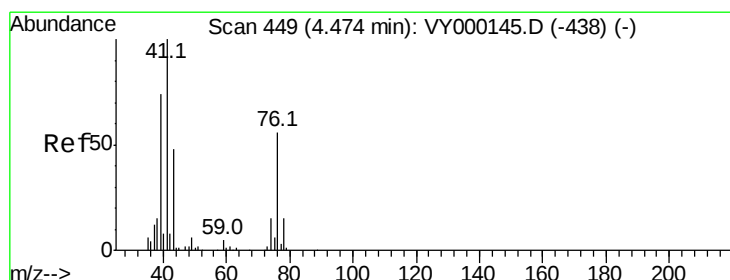
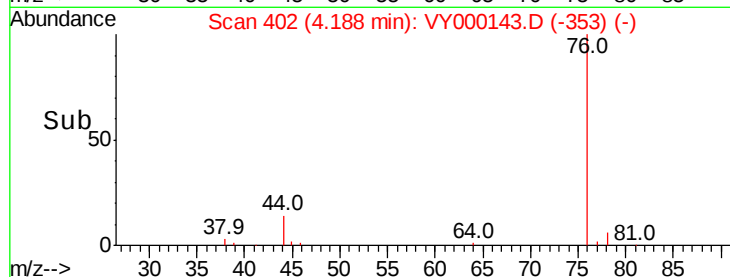
10000

5000

0

Time-->

4.10 4.20 4.30



#18

Methyl Acetate

Concen: 10.160 ug/l

RT: 4.47 min Scan# 449

Delta R.T. 0.00 min

Lab File: VY000143.D

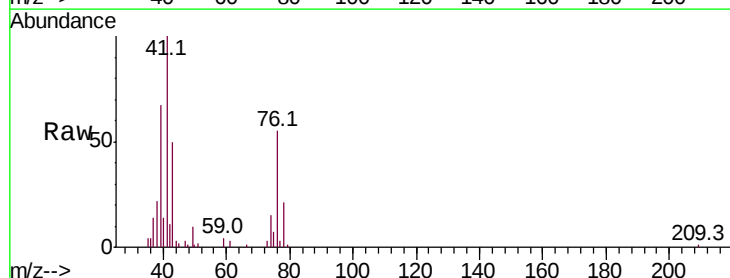
Acq: 26 Sep 2019 10:49

Tgt Ion: 43 Resp: 12970

Ion Ratio Lower Upper

43 100

74 32.3 25.6 38.4



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0

4.47

4000

3000

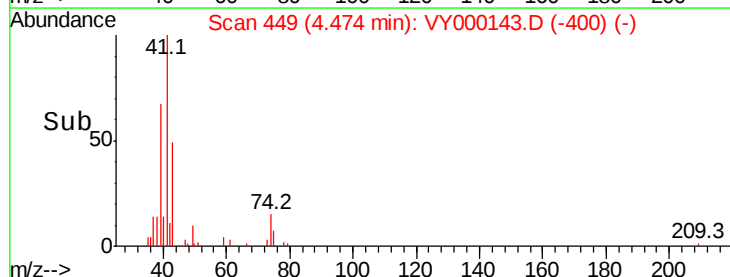
2000

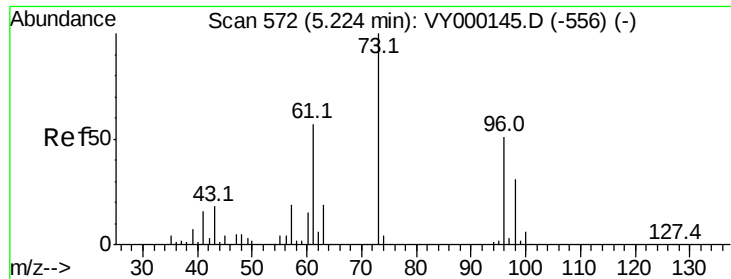
1000

0

Time-->

4.40 4.45 4.50 4.55 4.60

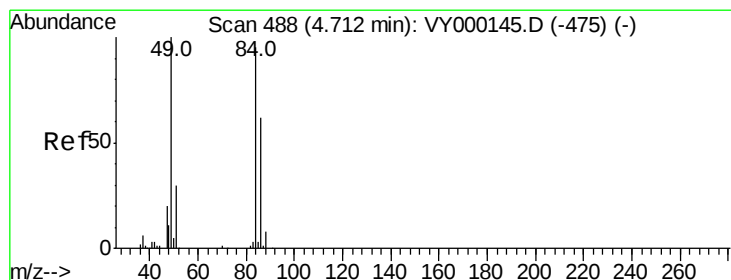
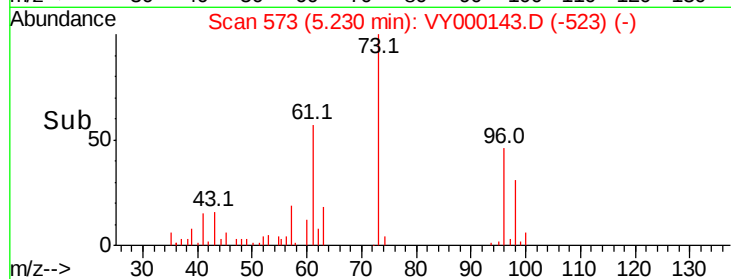
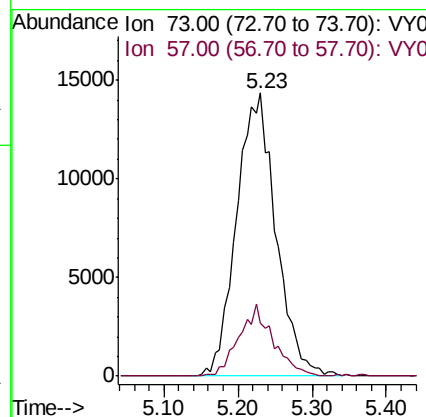
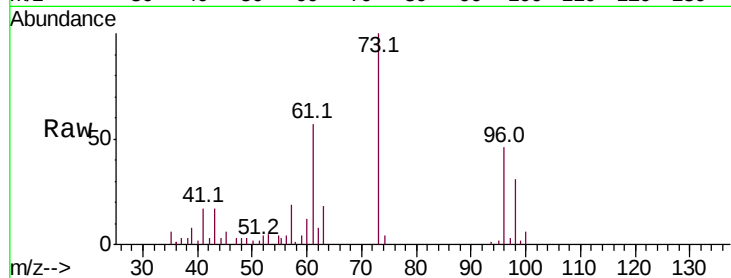




#19
Methvl tert-butvl Ether
Concen: 10.828 ug/l
RT: 5.23 min Scan# 573
Delta R.T. 0.01 min
Lab File: VY000143.D
Acq: 26 Sep 2019 10:49

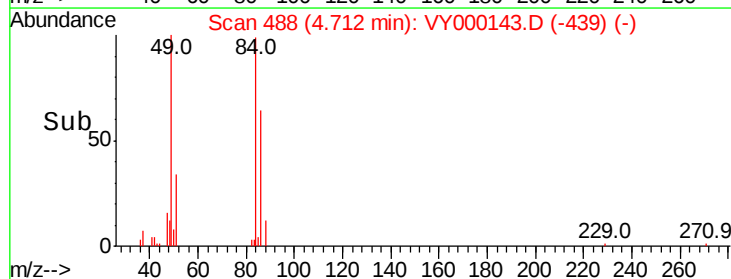
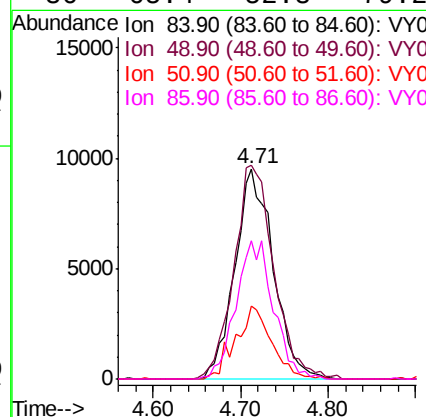
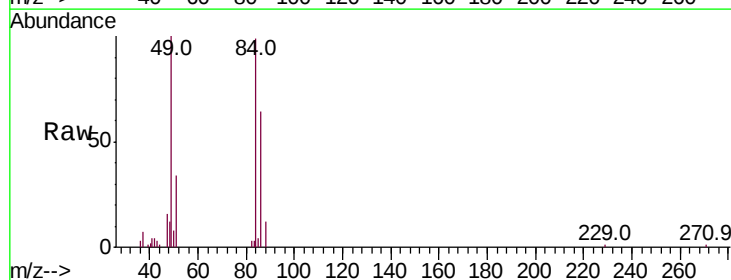
Instrument :
MSVOA_Y
ClientSampleId :

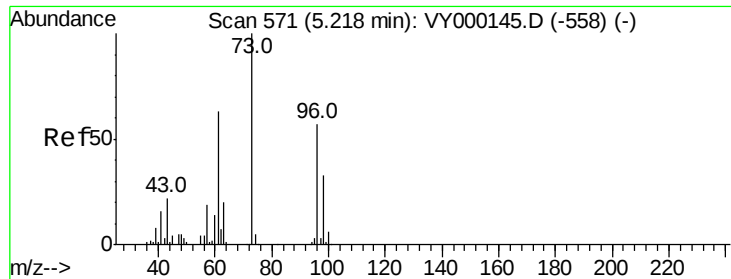
Tot Ion: 73 Resp: 52985
Ion Ratio Lower Upper
73 100
57 18.6 15.5 23.3



#20
Methylene Chloride
Concen: 11.603 ug/l
RT: 4.71 min Scan# 488
Delta R.T. 0.00 min
Lab File: VY000143.D
Acq: 26 Sep 2019 10:49

Tgt Ion: 84 Resp: 28905
Ion Ratio Lower Upper
84 100
49 101.4 84.6 126.8
51 34.8 25.4 38.2
86 65.4 52.8 79.2





#21

trans-1,2-Dichloroethene

Concen: 10.794 ug/l

RT: 5.22 min Scan# 571

Delta R.T. 0.00 min

Lab File: VY000143.D

Acq: 26 Sep 2019 10:49

Instrument :

MSVOA_Y

ClientSampled :

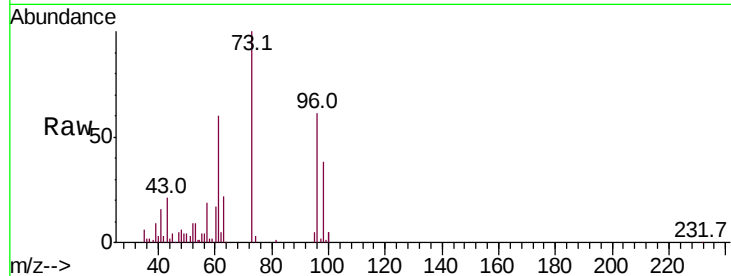
Tot Ion: 96 Resp: 24859

Ion Ratio Lower Upper

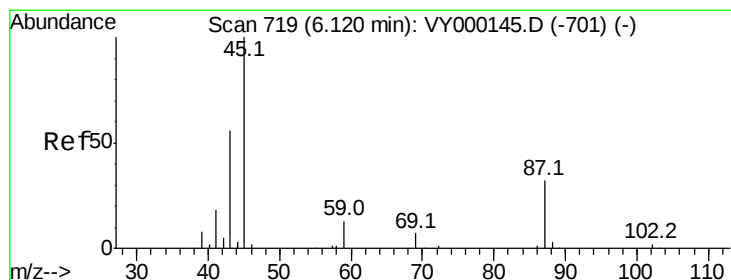
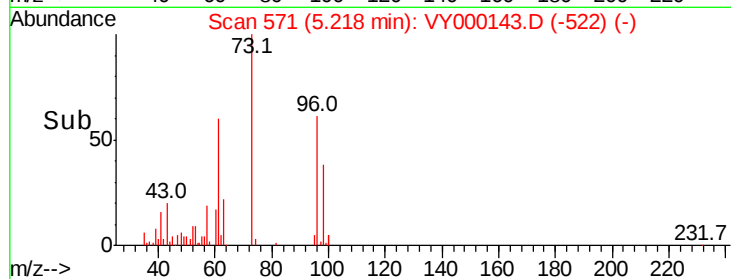
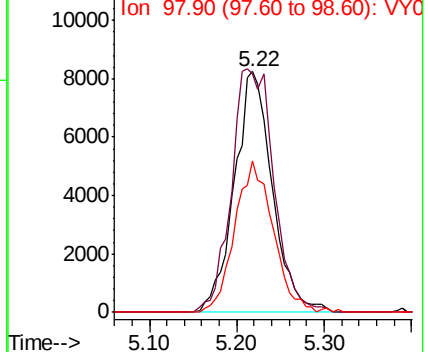
96 100

61 98.9 88.0 132.0

98 62.6 45.6 68.4



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



#22

Diisopropyl ether

Concen: 10.660 ug/l

RT: 6.12 min Scan# 719

Delta R.T. 0.00 min

Lab File: VY000143.D

Acq: 26 Sep 2019 10:49

Tgt Ion: 45 Resp: 57946

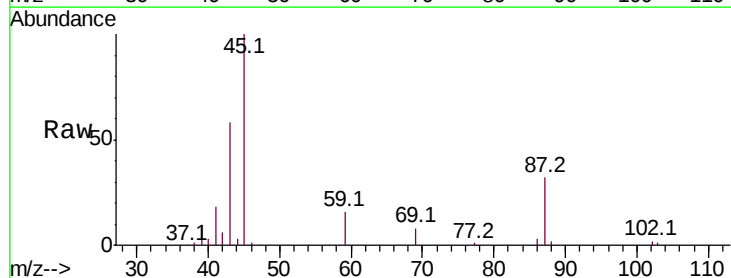
Ion Ratio Lower Upper

45 100

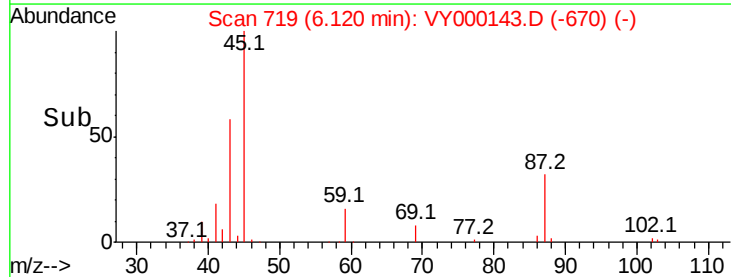
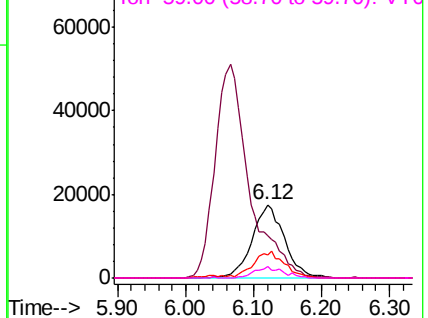
43 57.9 48.4 72.6

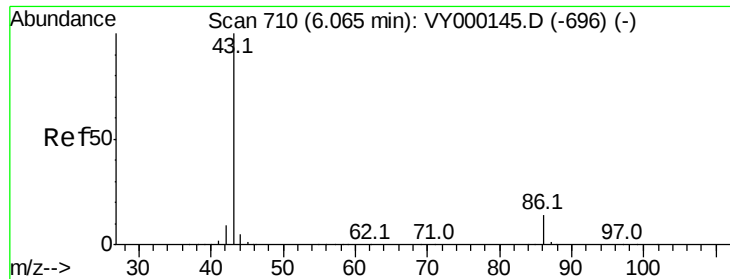
87 32.0 26.6 39.8

59 16.4 10.5 15.7#



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: 52.638 ug/l

RT: 6.07 min Scan# 710

Delta R.T. 0.00 min

Lab File: VY000143.D

Acq: 26 Sep 2019 10:49

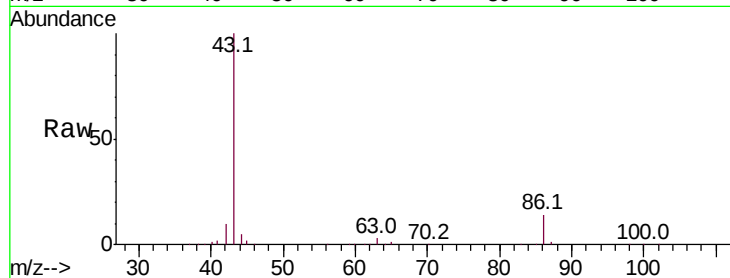
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 43 Resp: 179319

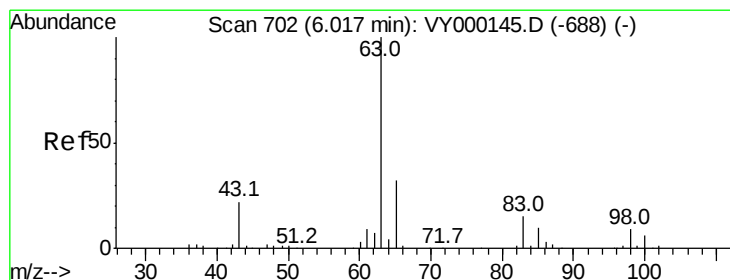
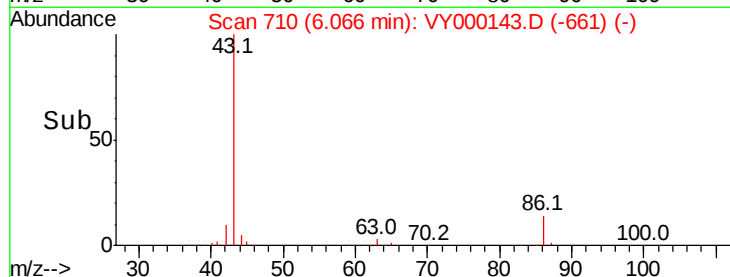
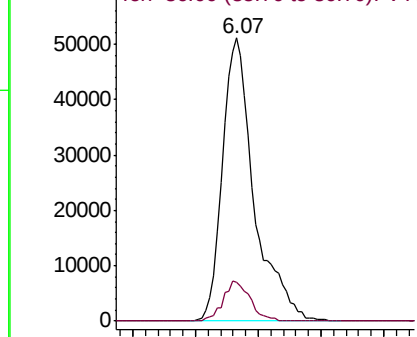
Ion Ratio Lower Upper

43 100

86 13.8 11.1 16.7



Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 10.804 ug/l

RT: 6.02 min Scan# 703

Delta R.T. 0.01 min

Lab File: VY000143.D

Acq: 26 Sep 2019 10:49

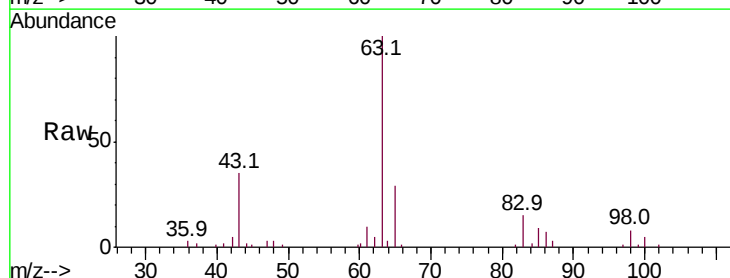
Tgt Ion: 63 Resp: 35553

Ion Ratio Lower Upper

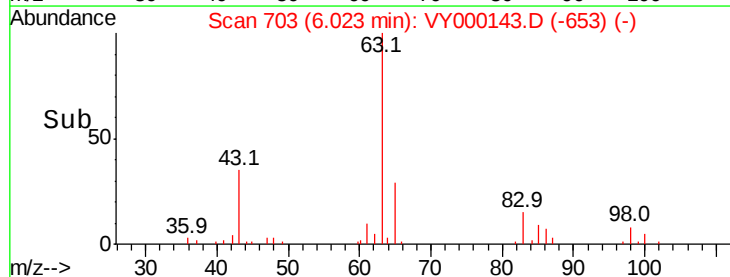
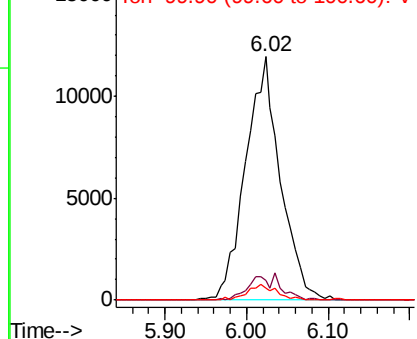
63 100

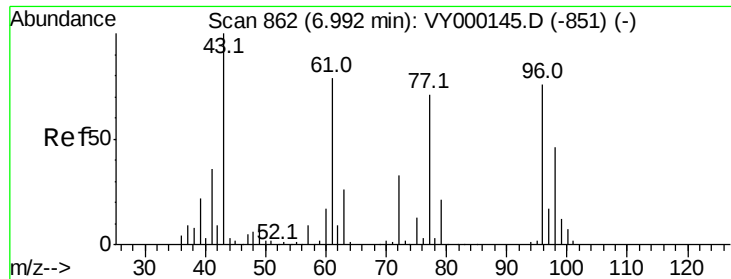
98 8.2 4.6 13.8

100 4.7 2.8 8.4



Abundance Ion 62.90 (62.60 to 63.60): VY0
Ion 97.90 (97.60 to 98.60): VY0
Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 53.779 ug/l

RT: 6.99 min Scan# 862

Delta R.T. 0.00 min

Lab File: VY000143.D

Acq: 26 Sep 2019 10:49

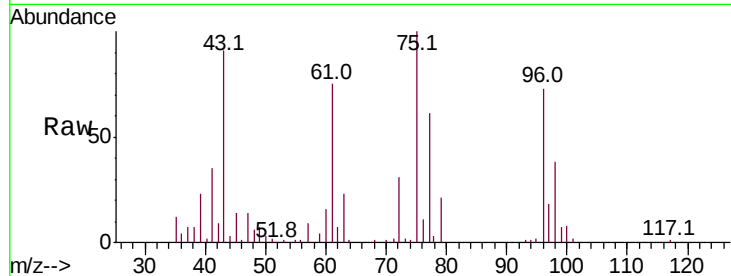
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 43 Resp: 36345

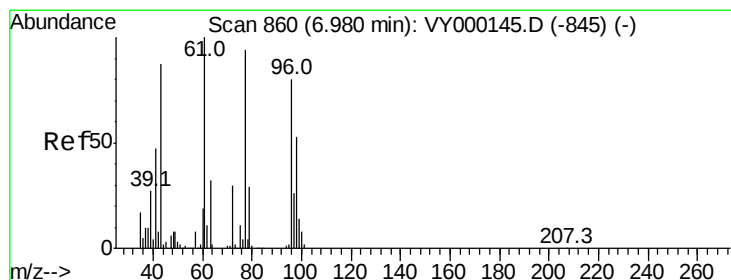
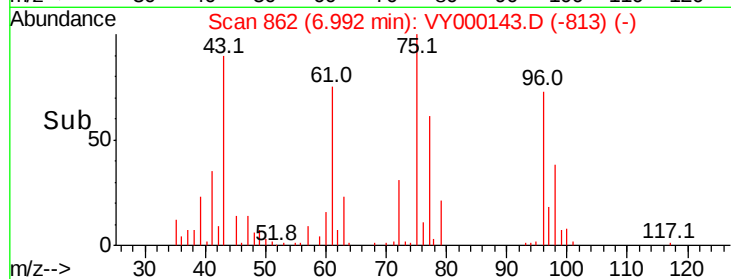
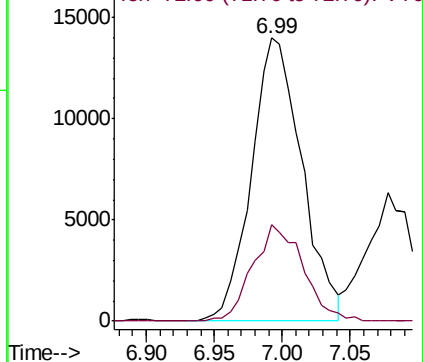
Ion Ratio Lower Upper

43 100

72 34.1 26.8 40.2



Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 72.00 (71.70 to 72.70): VY0



#26

2,2-Dichloropropane

Concen: 10.814 ug/l

RT: 6.99 min Scan# 861

Delta R.T. 0.01 min

Lab File: VY000143.D

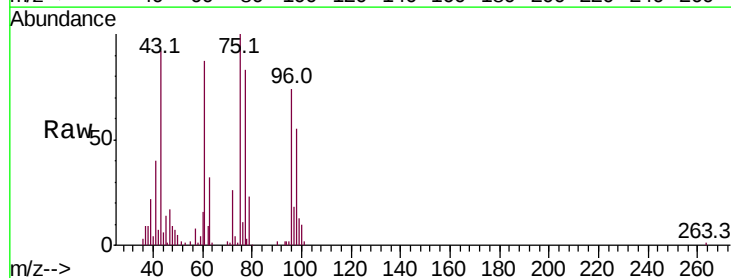
Acq: 26 Sep 2019 10:49

Tgt Ion: 77 Resp: 32357

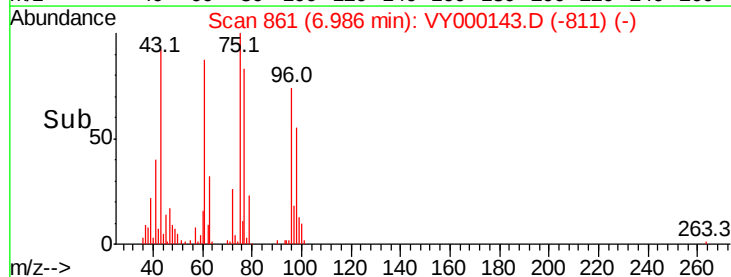
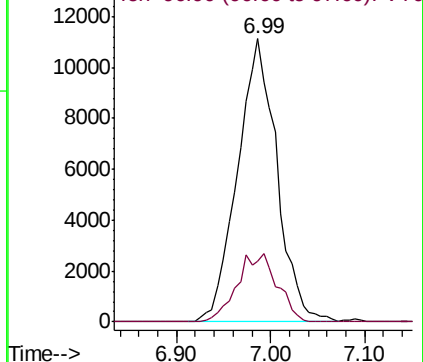
Ion Ratio Lower Upper

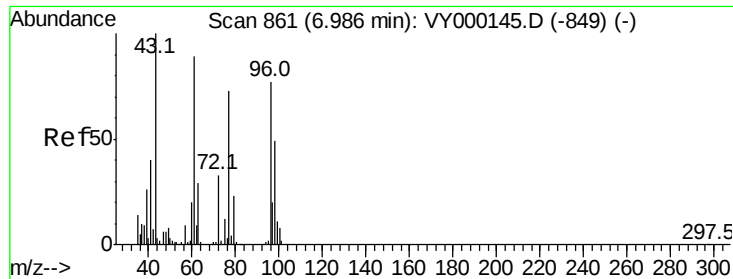
77 100

97 24.5 13.0 38.9



Abundance Ion 76.90 (76.60 to 77.60): VY0
Ion 96.90 (96.60 to 97.60): VY0



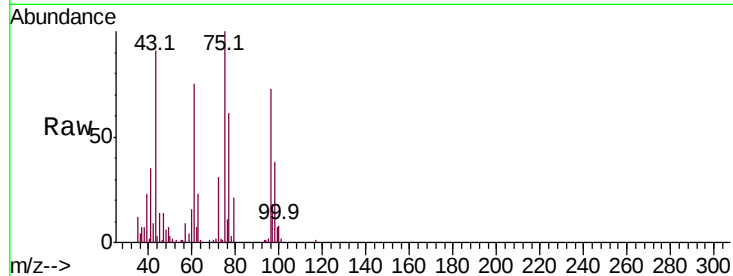


#27

cis-1,2-Dichloroethene
Concen: 11.079 ug/l
RT: 6.99 min Scan# 862
Delta R.T. 0.01 min
Lab File: VY000143.D
Acq: 26 Sep 2019 10:49

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
96	100		
61	117.3	0.0	232.8
98	63.3	0.0	128.8

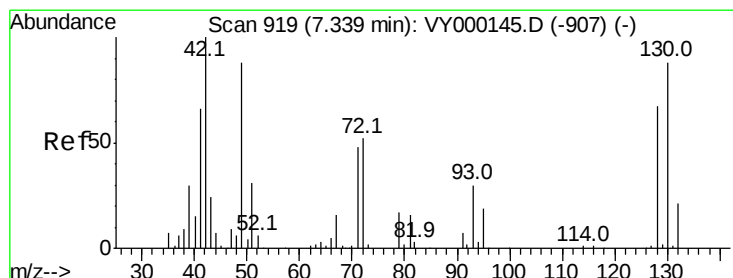
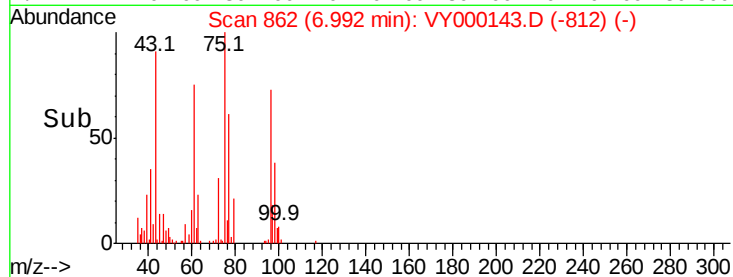
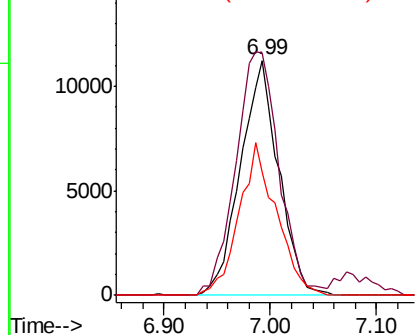


Abundance

Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

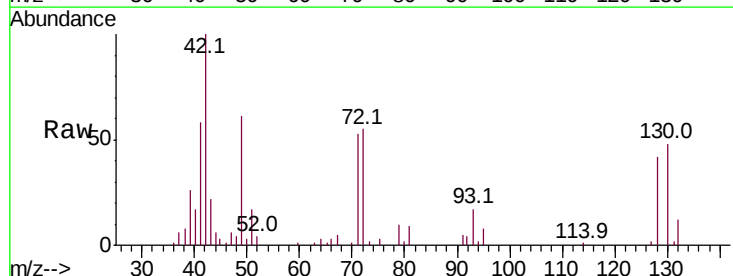
Ion 97.90 (97.60 to 98.60): VY0



#28

Bromochloromethane
Concen: 9.302 ug/l
RT: 7.35 min Scan# 920
Delta R.T. 0.01 min
Lab File: VY000143.D
Acq: 26 Sep 2019 10:49

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.6	0.0	4.6
130	97.1	79.5	119.3

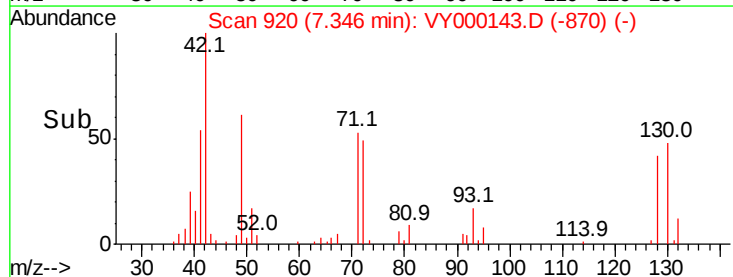
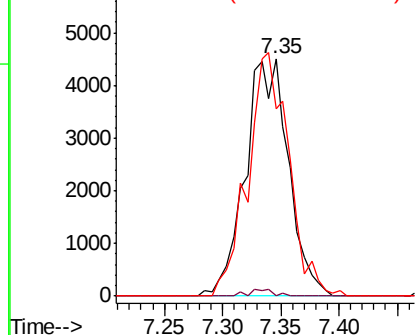


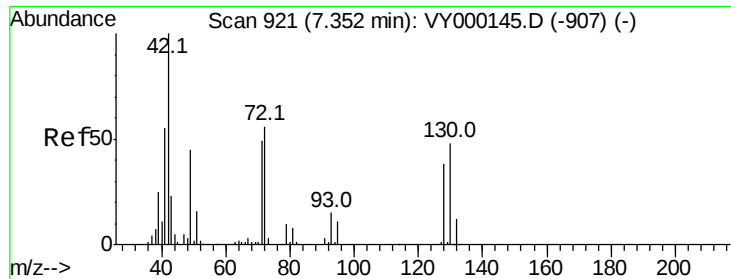
Abundance

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

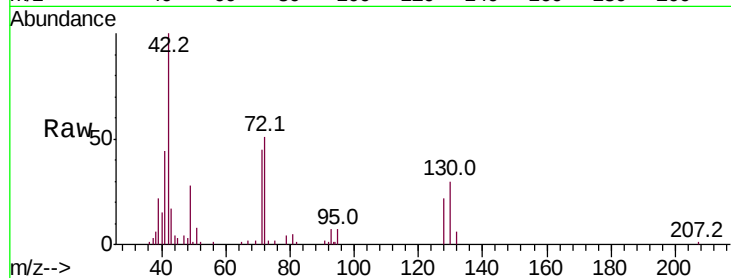




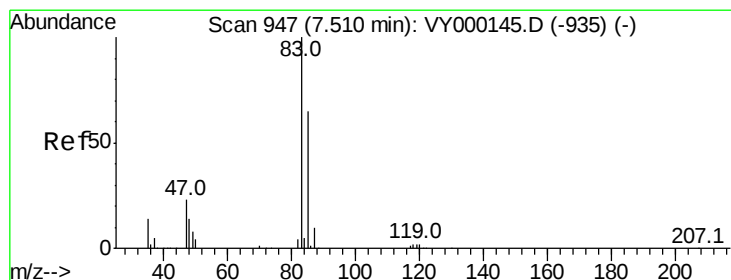
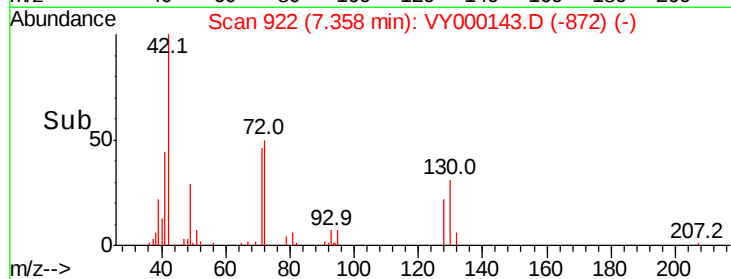
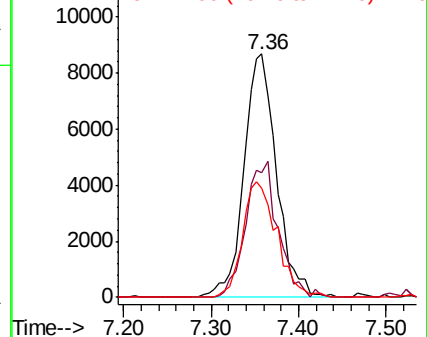
#29
Tetrahydrofuran
Concen: 53.847 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.01 min
Lab File: VY000143.D
Acq: 26 Sep 2019 10:49

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 42 Resp: 22434
Ion Ratio Lower Upper
42 100
72 54.9 43.1 64.7
71 50.1 39.4 59.2

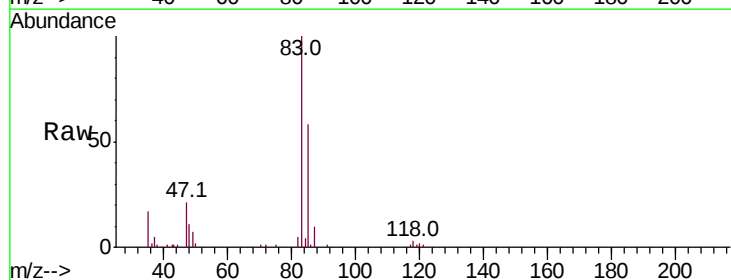


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

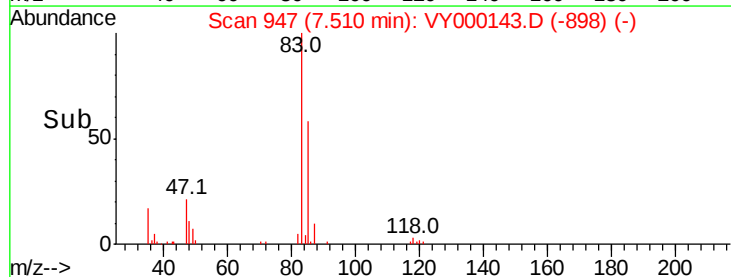
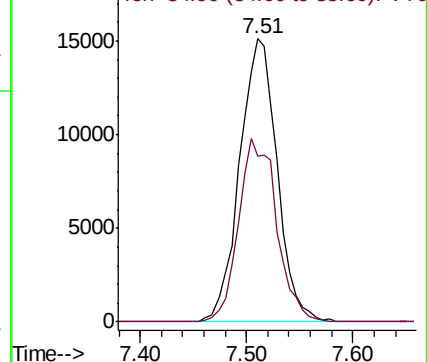


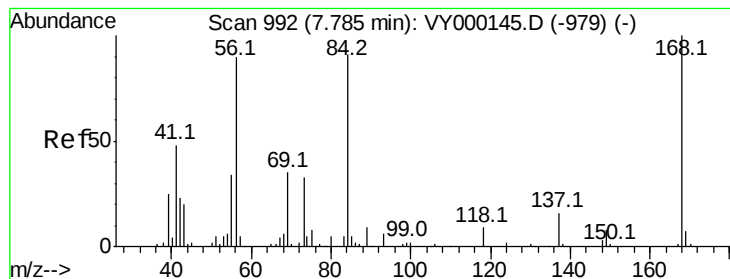
#30
Chloroform
Concen: 10.855 ug/l
RT: 7.51 min Scan# 947
Delta R.T. 0.00 min
Lab File: VY000143.D
Acq: 26 Sep 2019 10:49

Tgt Ion: 83 Resp: 37383
Ion Ratio Lower Upper
83 100
85 58.4 52.4 78.6



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





#31

Cyclohexane

Concen: 11.229 ug/l

RT: 7.78 min Scan# 992

Delta R.T. 0.00 min

Lab File: VY000143.D

Acq: 26 Sep 2019 10:49

Instrument :
MSVOA_Y
ClientSampled :

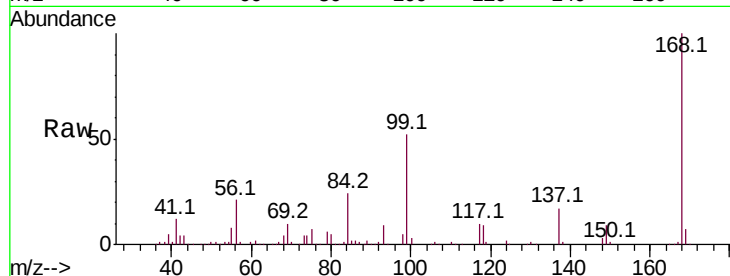
Tot Ion: 56 Resp: 38200

Ion Ratio Lower Upper

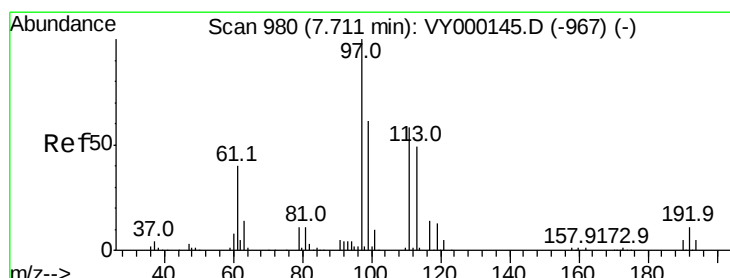
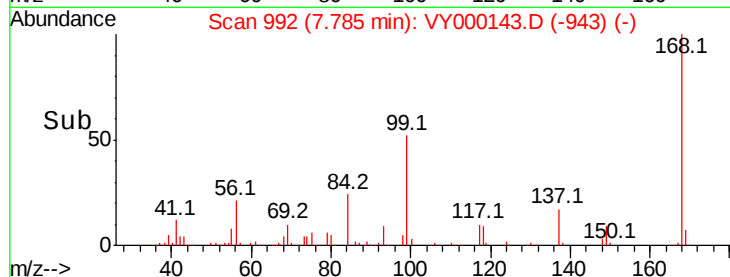
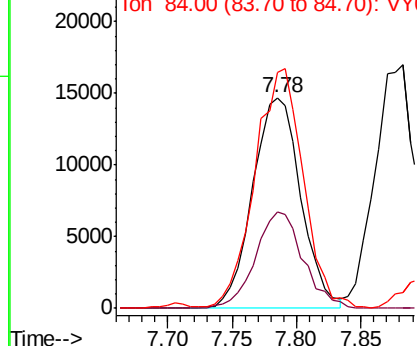
56 100

69 45.5 31.1 46.7

84 111.6 80.5 120.7



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



#32

1,1,1-Trichloroethane

Concen: 10.734 ug/l

RT: 7.70 min Scan# 978

Delta R.T. -0.01 min

Lab File: VY000143.D

Acq: 26 Sep 2019 10:49

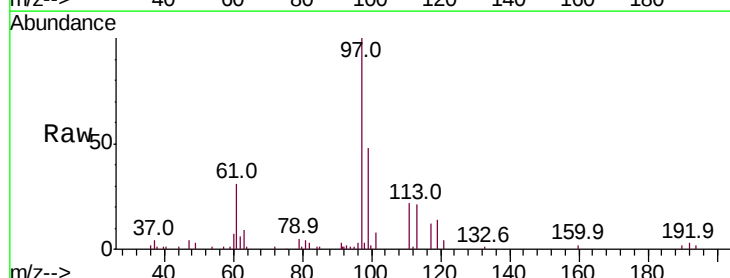
Tgt Ion: 97 Resp: 32415

Ion Ratio Lower Upper

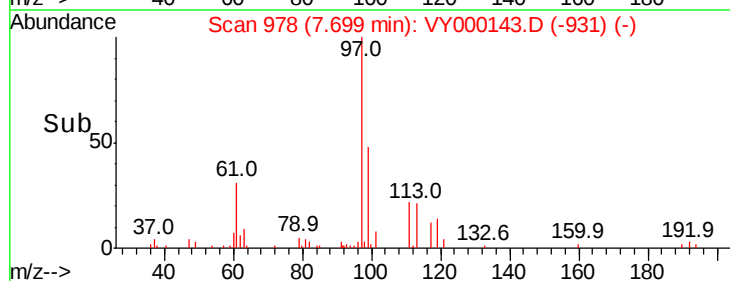
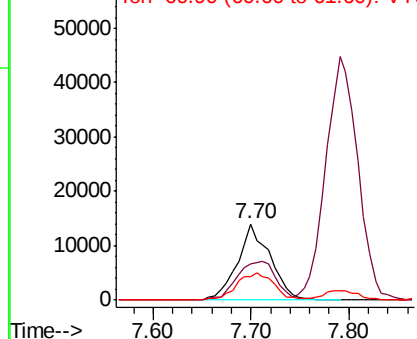
97 100

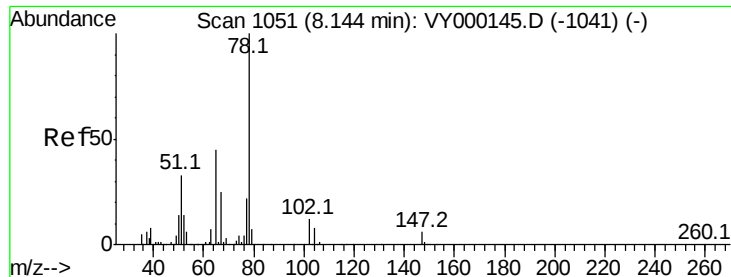
99 60.5 50.5 75.7

61 40.7 32.9 49.3



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





#33

1,2-Dichloroethane-d4

Concen: 10.376 ug/l

RT: 8.14 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VY000143.D

Acq: 26 Sep 2019 10:49

Instrument :

MSVOA_Y

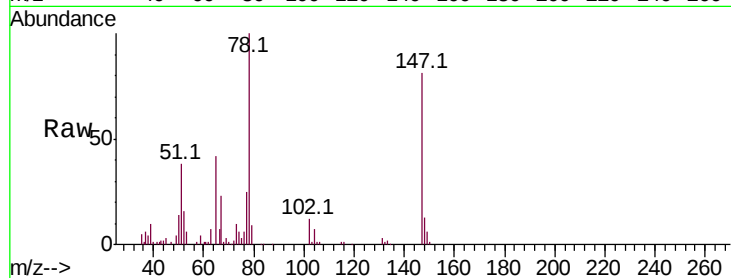
ClientSampleId :

Tot Ion: 65 Resp: 18266

Ion Ratio Lower Upper

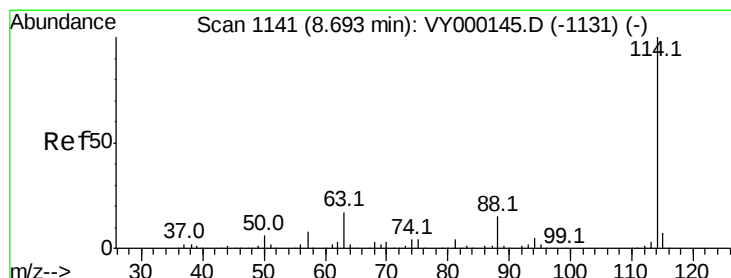
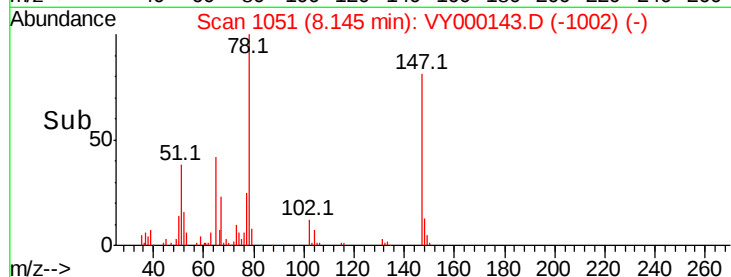
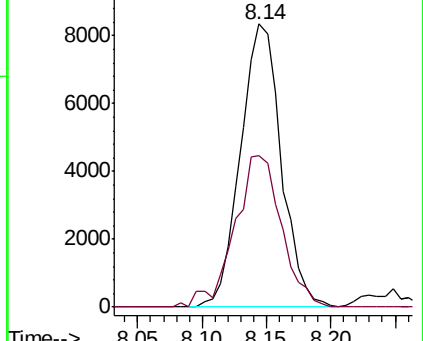
65 100

67 61.6 0.0 110.6



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. 0.00 min

Lab File: VY000143.D

Acq: 26 Sep 2019 10:49

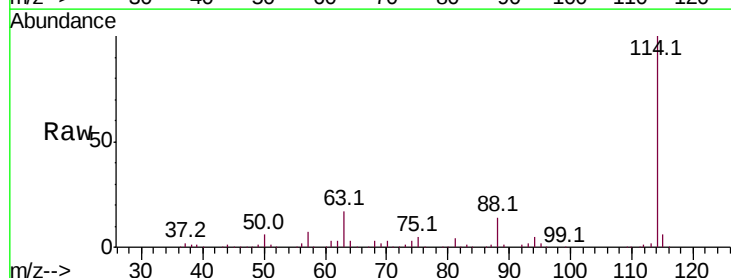
Tgt Ion: 114 Resp: 341367

Ion Ratio Lower Upper

114 100

63 16.7 0.0 34.6

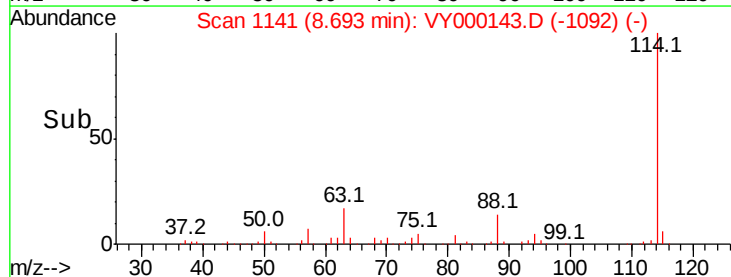
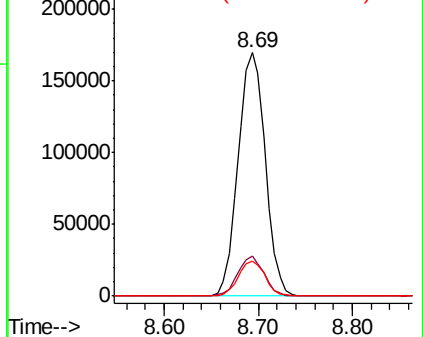
88 14.3 0.0 30.6

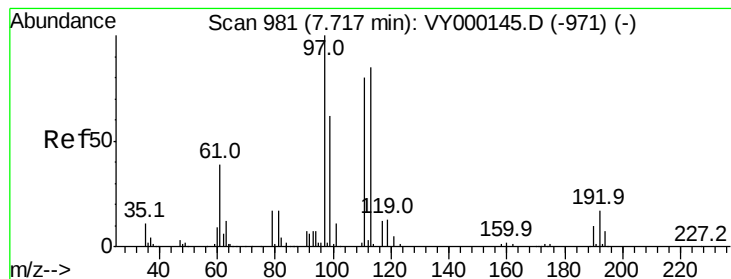


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0





#35

Dibromofluoromethane

Concen: 10.823 ug/l

RT: 7.73 min Scan# 983

Delta R.T. 0.01 min

Lab File: VY000143.D

Acq: 26 Sep 2019 10:49

Instrument :
MSVOA_Y
ClientSampleId :

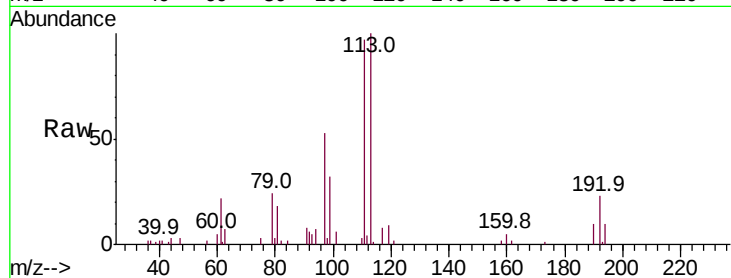
Tot Ion:113 Resp: 19349

Ion Ratio Lower Upper

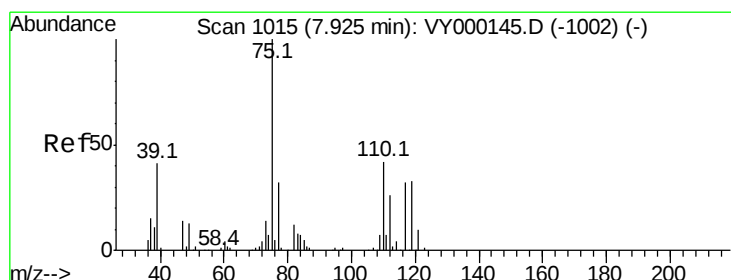
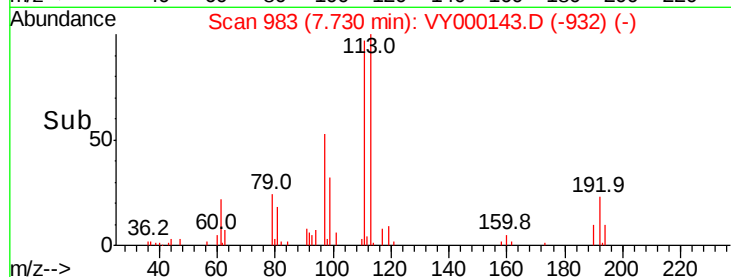
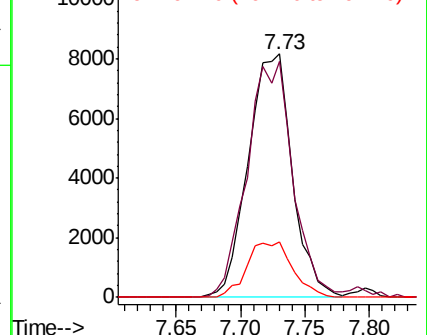
113 100

111 100.8 82.0 123.0

192 23.5 17.3 25.9



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



#36

1,1-Dichloropropene

Concen: 10.119 ug/l

RT: 7.92 min Scan# 1014

Delta R.T. -0.01 min

Lab File: VY000143.D

Acq: 26 Sep 2019 10:49

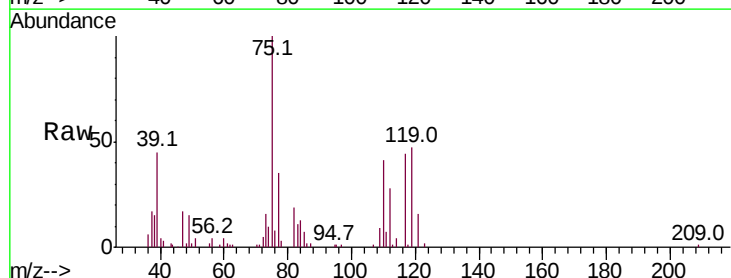
Tgt Ion: 75 Resp: 28705

Ion Ratio Lower Upper

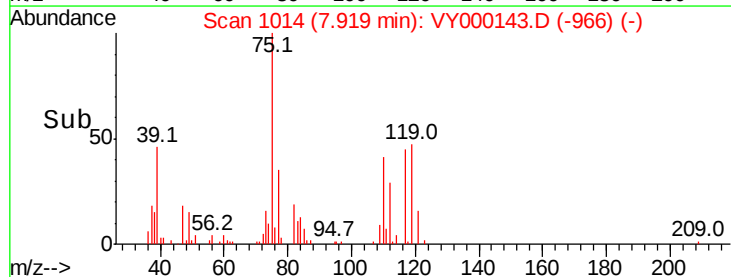
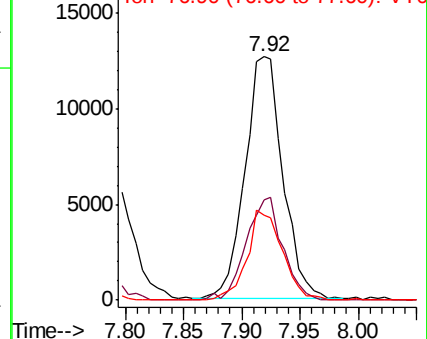
75 100

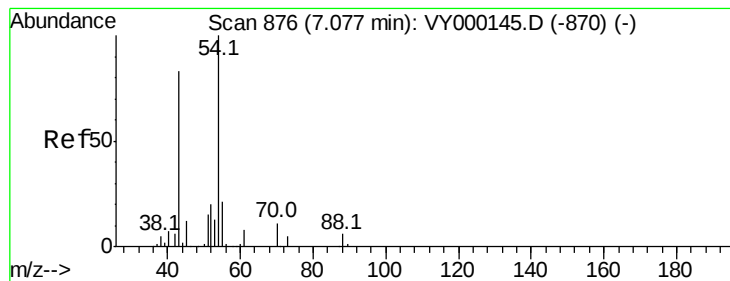
110 40.9 21.1 63.1

77 34.7 24.6 36.8



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





#37

Ethyl Acetate

Concen: 11.021 ug/l

RT: 7.08 min Scan# 876

Delta R.T. 0.00 min

Lab File: VY000143.D

Acq: 26 Sep 2019 10:49

Instrument :
MSVOA_Y
ClientSampled :

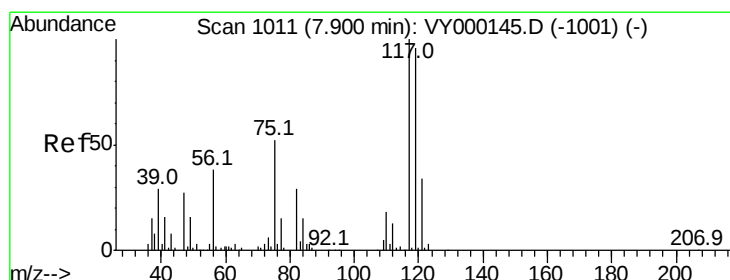
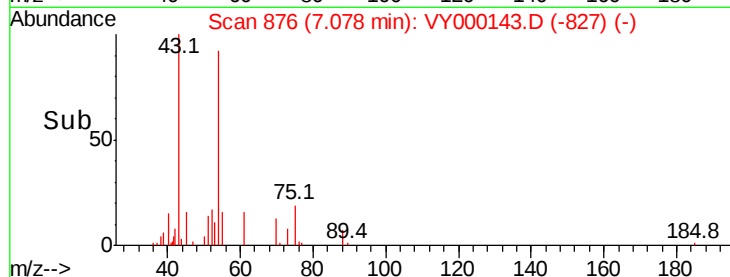
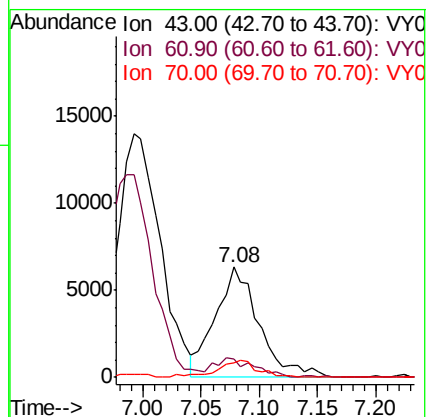
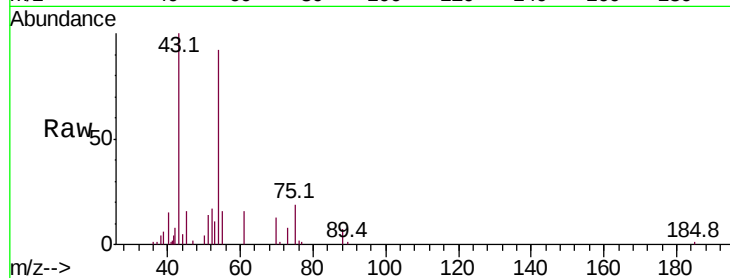
Tot Ion: 43 Resp: 16516

Ion Ratio Lower Upper

43 100

61 15.6 11.9 17.9

70 14.3 10.2 15.2



#38

Carbon Tetrachloride

Concen: 10.257 ug/l

RT: 7.90 min Scan# 1011

Delta R.T. 0.00 min

Lab File: VY000143.D

Acq: 26 Sep 2019 10:49

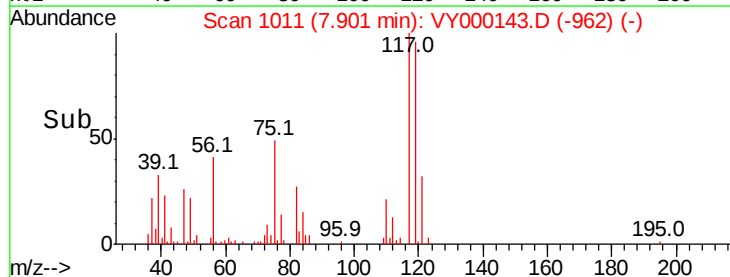
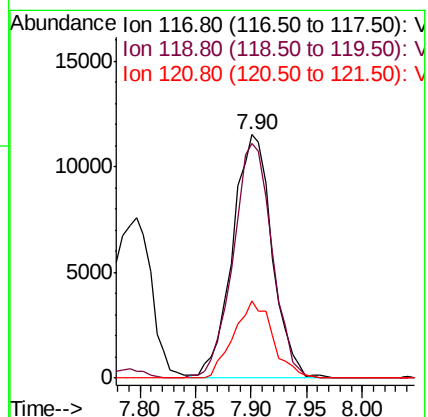
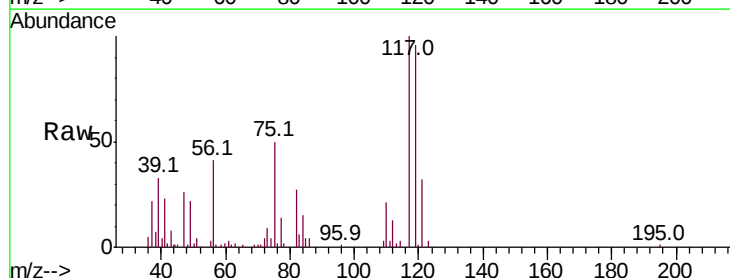
Tgt Ion: 117 Resp: 28407

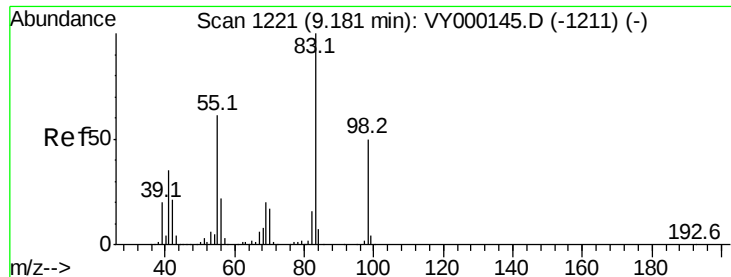
Ion Ratio Lower Upper

117 100

119 96.3 76.9 115.3

121 31.7 27.4 41.0

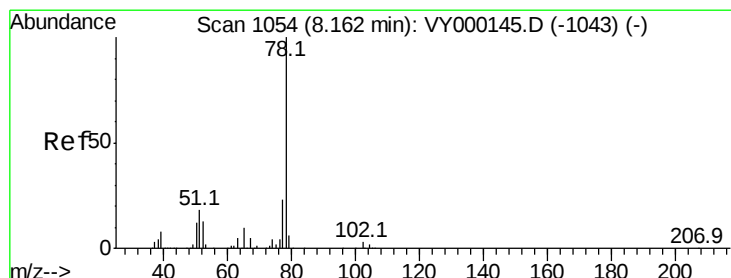
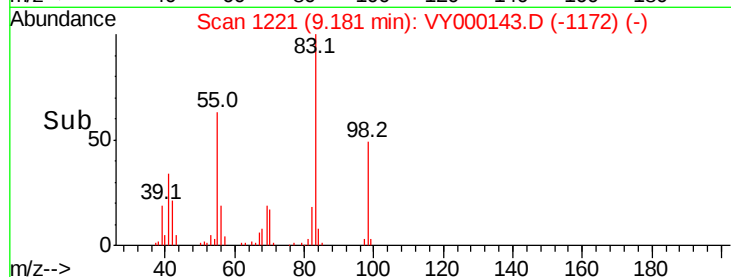
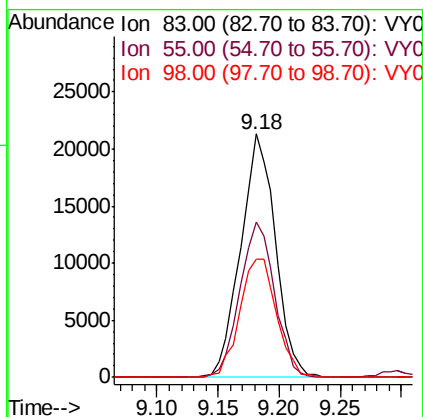
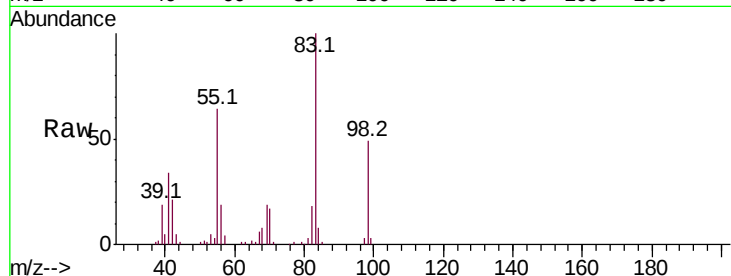




#39
Methylvlcvclohexane
Concen: 10.454 ug/l
RT: 9.18 min Scan# 1221
Delta R.T. 0.00 min
Lab File: VY000143.D
Acq: 26 Sep 2019 10:49

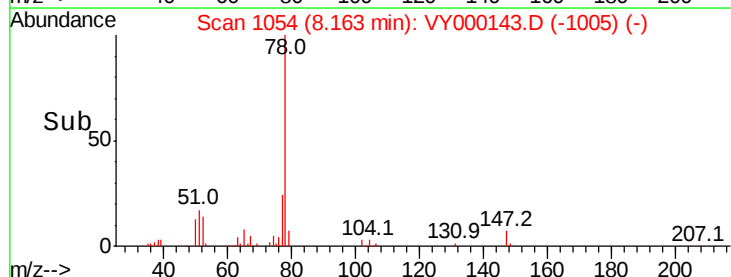
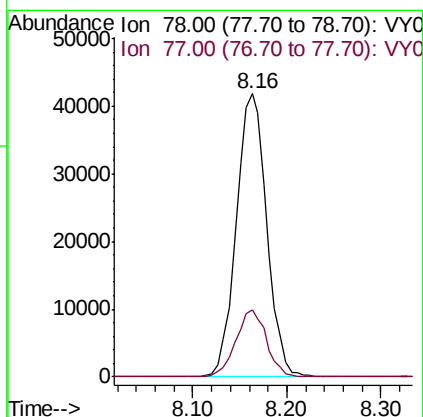
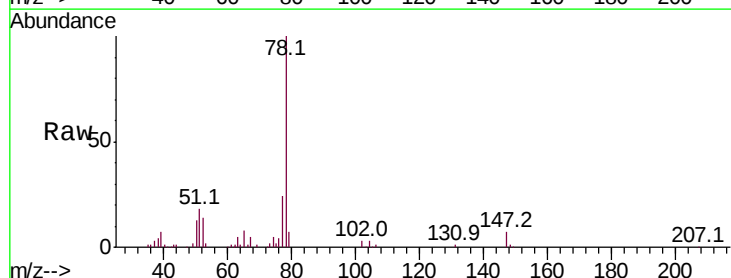
Instrument :
MSVOA_Y
ClientSampleId :

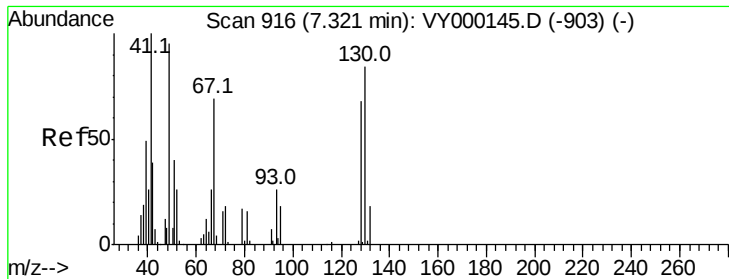
Tot Ion: 83 Resp: 42062
Ion Ratio Lower Upper
83 100
55 63.8 49.1 73.7
98 48.7 40.0 60.0



#40
Benzene
Concen: 10.491 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VY000143.D
Acq: 26 Sep 2019 10:49

Tgt Ion: 78 Resp: 94013
Ion Ratio Lower Upper
78 100
77 23.8 18.2 27.4

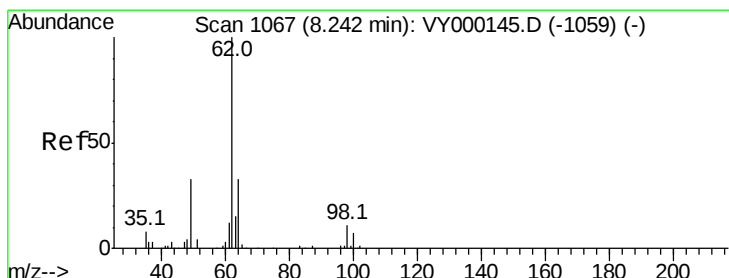
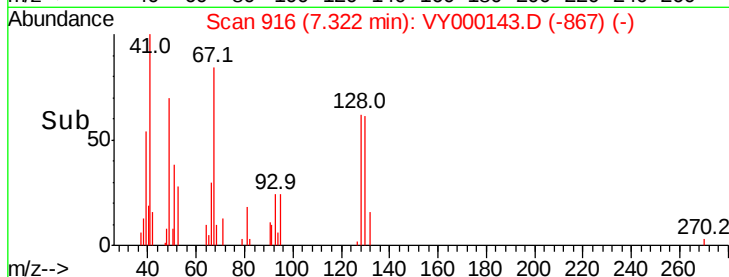
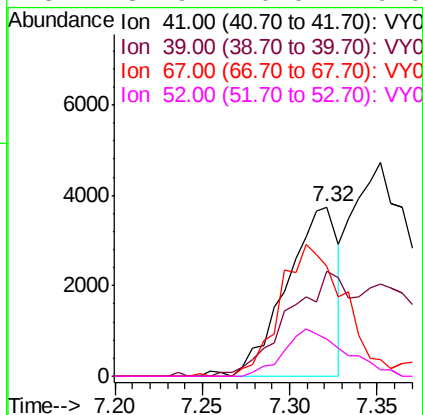
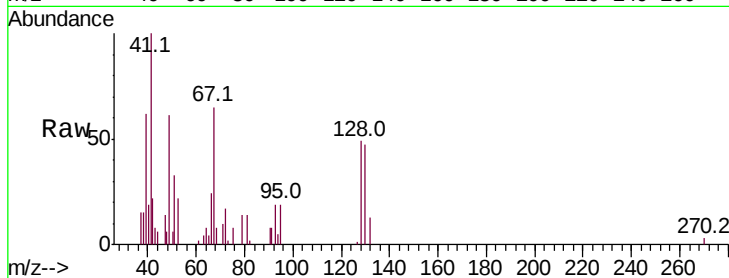




#41
Methacrylonitrile
Concen: 9.492 ug/l
RT: 7.32 min Scan# 916
Delta R.T. 0.00 min
Lab File: VY000143.D
Acq: 26 Sep 2019 10:49

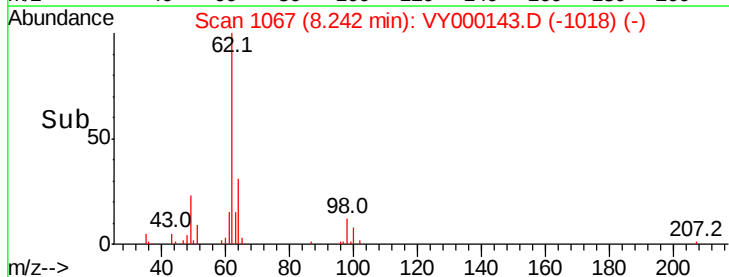
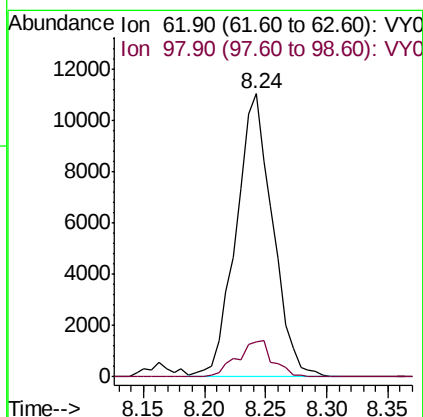
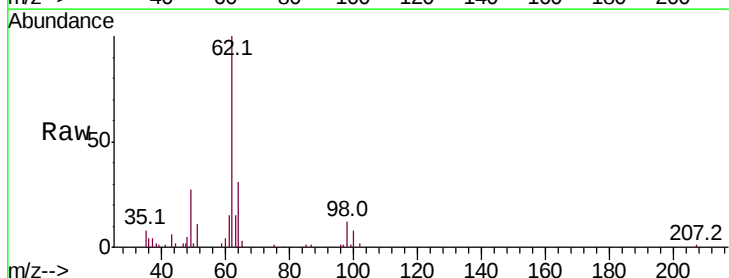
Instrument :
MSVOA_Y
ClientSampled :

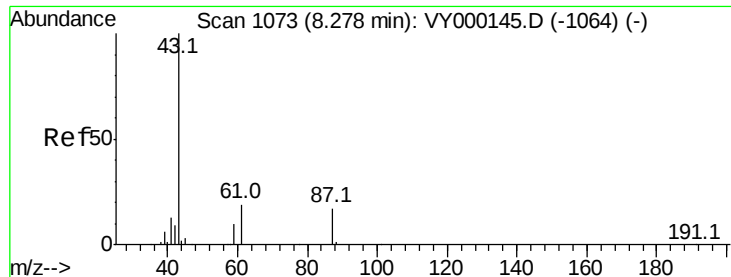
Tot Ion: 41 Resp: 7713
Ion Ratio Lower Upper
41 100
39 78.1 0.0 0.0#
67 99.6 0.0 0.0#
52 32.9 0.0 0.0#



#42
1,2-Dichloroethane
Concen: 10.515 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. 0.00 min
Lab File: VY000143.D
Acq: 26 Sep 2019 10:49

Tgt Ion: 62 Resp: 22926
Ion Ratio Lower Upper
62 100
98 12.5 0.0 24.8



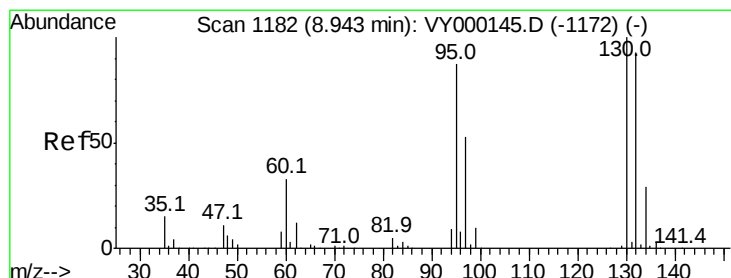
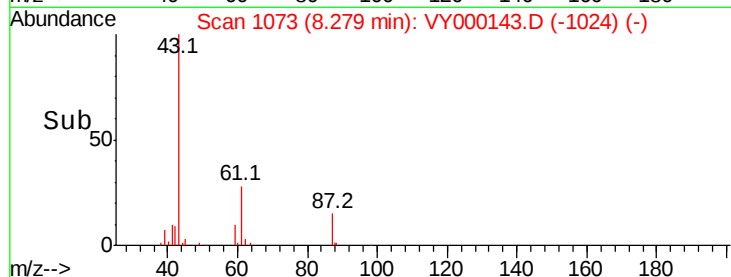
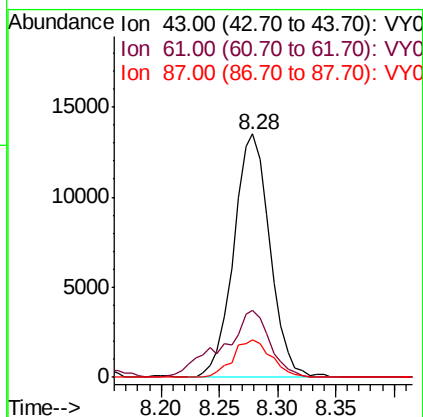
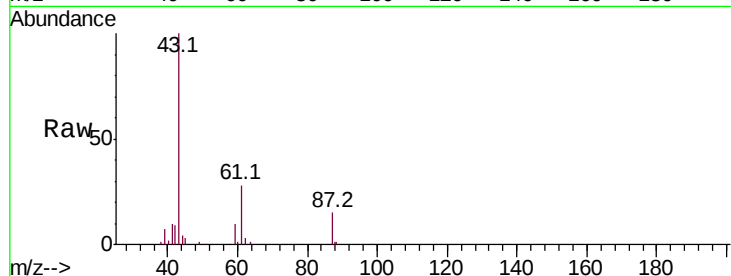


#43

Isopropyl Acetate
 Concen: 10.557 ug/l
 RT: 8.28 min Scan# 1073
 Delta R.T. 0.00 min
 Lab File: VY000143.D
 Acq: 26 Sep 2019 10:49

Instrument :
 MSVOA_Y
 ClientSampleId :

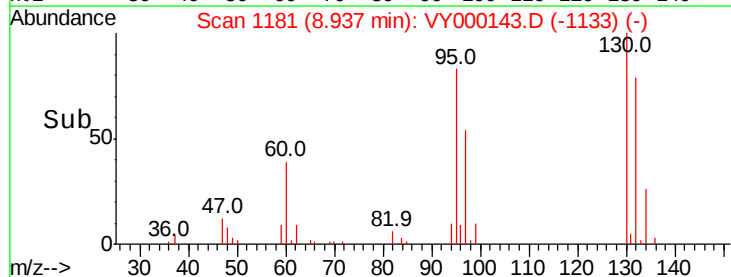
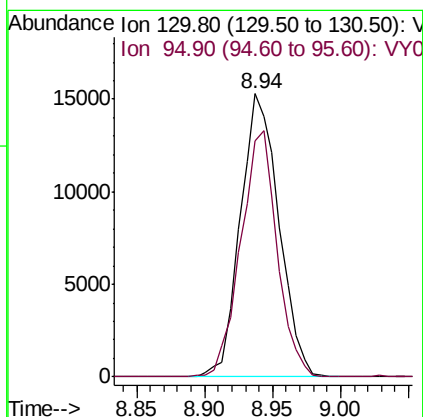
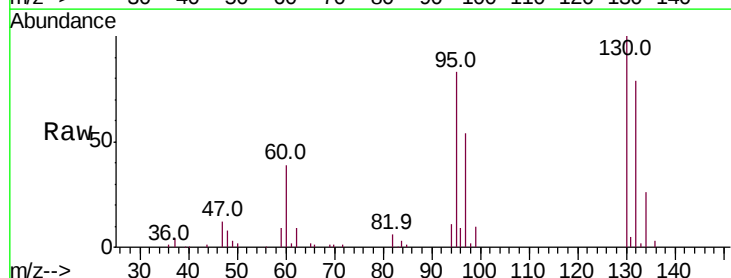
Tot Ion	43	Resp	29223
Ion Ratio	100	Lower	Upper
61	36.0	25.6	38.4
87	16.2	13.5	20.3

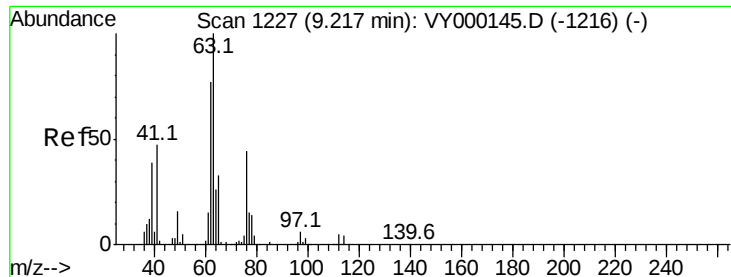


#44

Trichloroethene
 Concen: 10.564 ug/l
 RT: 8.94 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: VY000143.D
 Acq: 26 Sep 2019 10:49

Tgt Ion	130	Resp	30252
Ion Ratio	100	Lower	Upper
95	83.2	0.0	174.8





#45

1,2-Dichloropropane

Concen: 10.175 ug/l

RT: 9.22 min Scan# 1227

Delta R.T. 0.00 min

Lab File: VY000143.D

Acq: 26 Sep 2019 10:49

Instrument :

MSVOA_Y

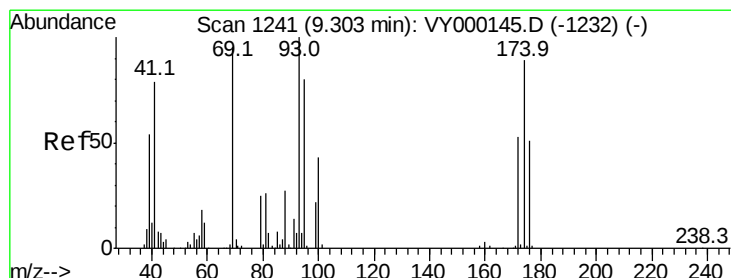
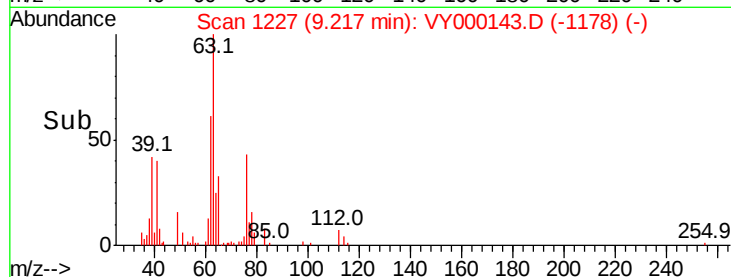
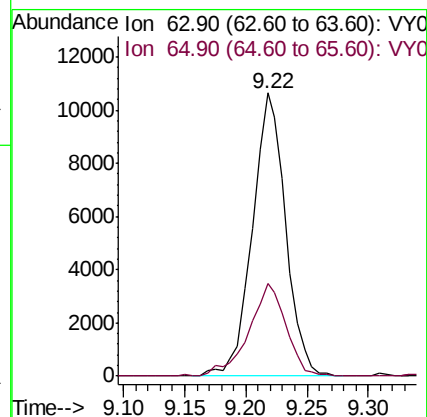
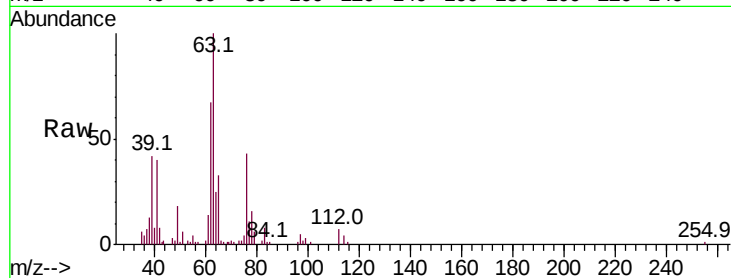
ClientSampleId :

Tot Ion: 63 Resp: 20115

Ion Ratio Lower Upper

63 100

65 32.7 26.8 40.2



#46

Dibromomethane

Concen: 10.643 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. 0.01 min

Lab File: VY000143.D

Acq: 26 Sep 2019 10:49

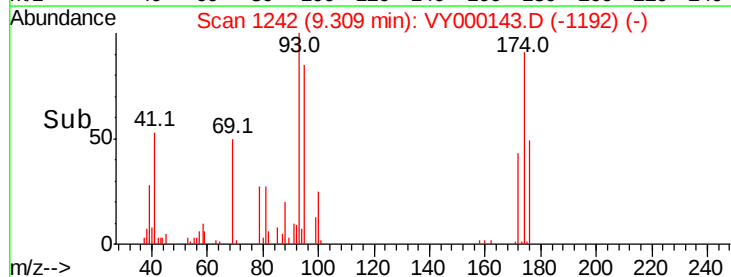
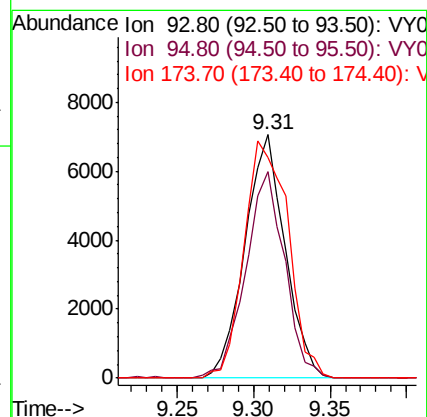
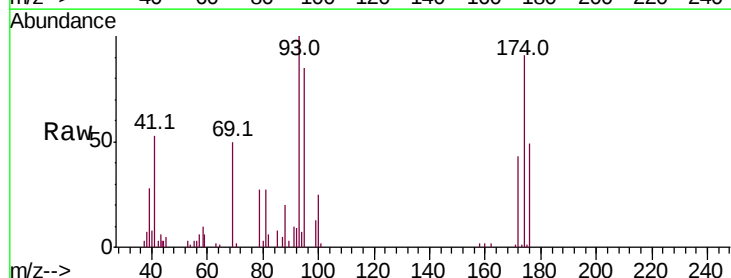
Tgt Ion: 93 Resp: 12840

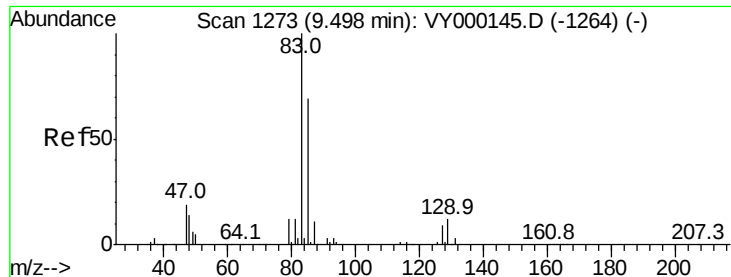
Ion Ratio Lower Upper

93 100

95 82.4 66.3 99.5

174 107.3 87.3 130.9





#47

Bromodichloromethane

Concen: 10.439 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VY000143.D

Acq: 26 Sep 2019 10:49

Instrument :

MSVOA_Y

ClientSampleId :

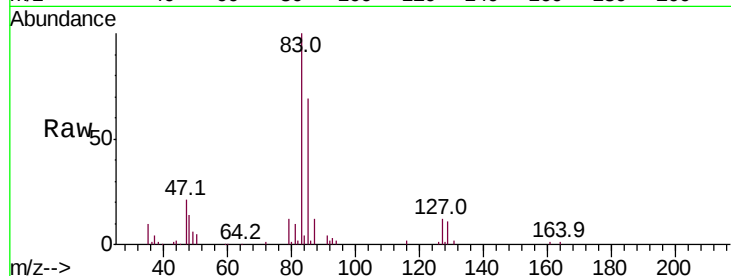
Tot Ion: 83 Resp: 28386

Ion Ratio Lower Upper

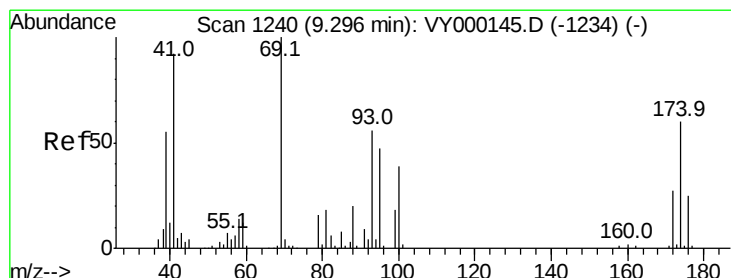
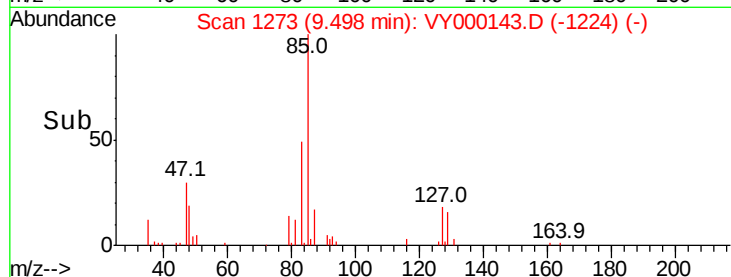
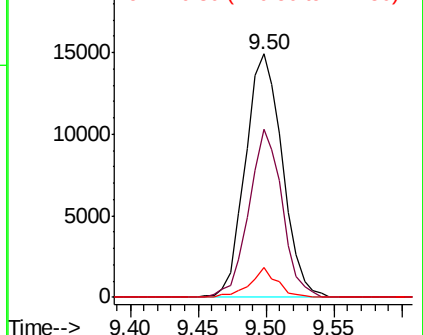
83 100

85 69.2 55.1 82.7

127 12.3 6.9 10.3#



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



#48

Methyl methacrylate

Concen: 11.268 ug/l

RT: 9.29 min Scan# 1239

Delta R.T. -0.01 min

Lab File: VY000143.D

Acq: 26 Sep 2019 10:49

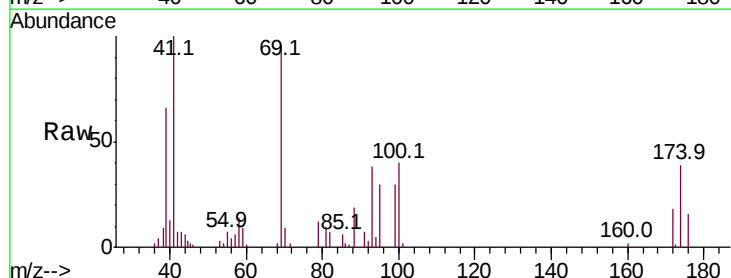
Tgt Ion: 41 Resp: 13968

Ion Ratio Lower Upper

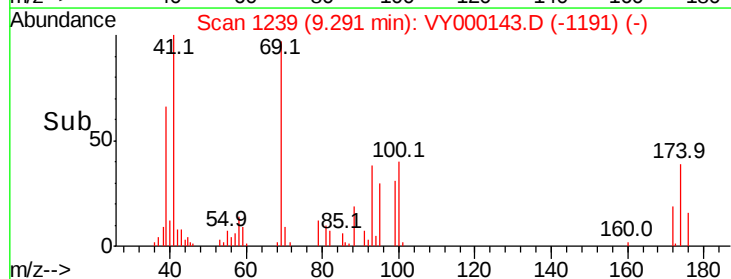
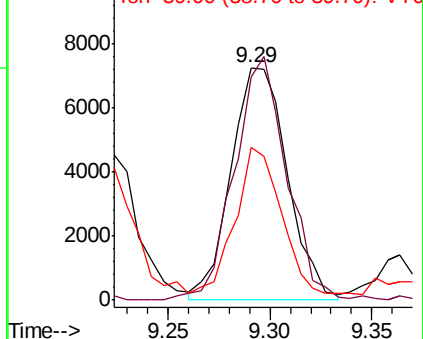
41 100

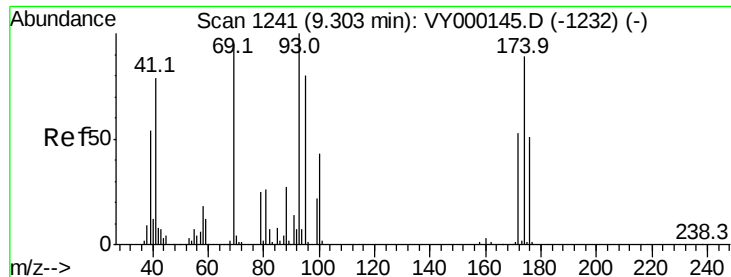
69 97.3 86.5 129.7

39 57.4 51.0 76.6



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





#49

1,4-Dioxane

Concen: 208.650 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. -0.01 min

Lab File: VY000143.D

Acq: 26 Sep 2019 10:49

Instrument :
MSVOA_Y
ClientSampleId :

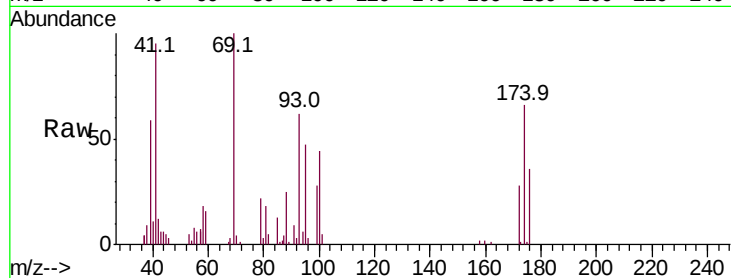
Tot Ion: 88 Resp: 3889

Ion Ratio Lower Upper

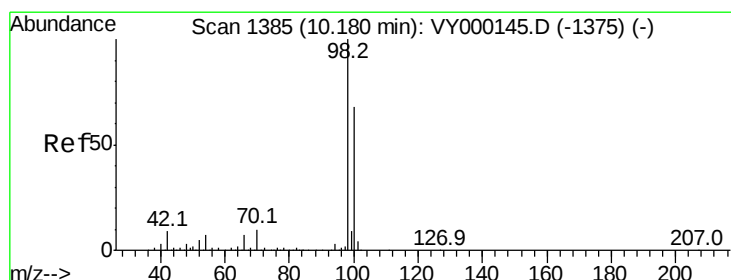
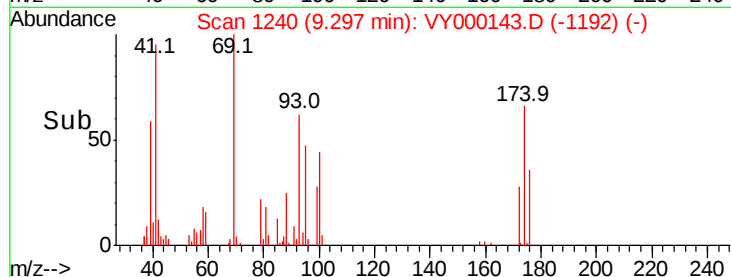
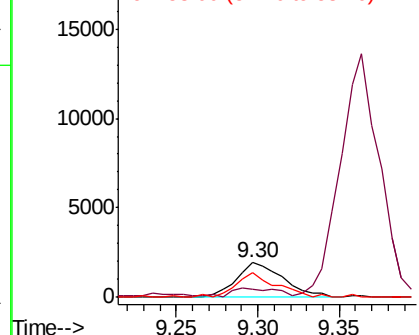
88 100

43 23.2 24.4 36.6#

58 61.5 49.2 73.8



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



#50

Toluene-d8

Concen: 10.055 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY000143.D

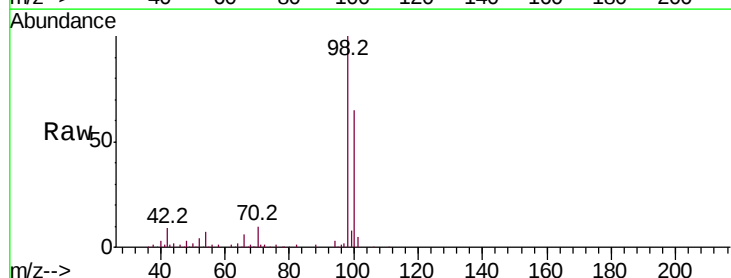
Acq: 26 Sep 2019 10:49

Tgt Ion: 98 Resp: 76064

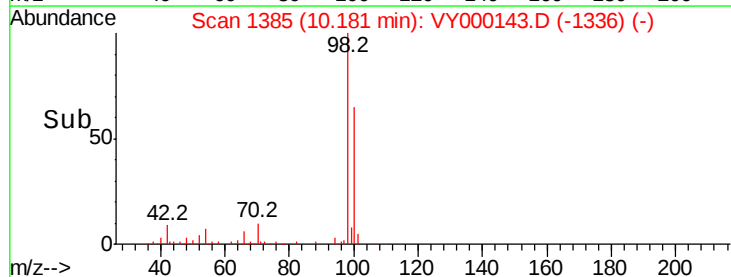
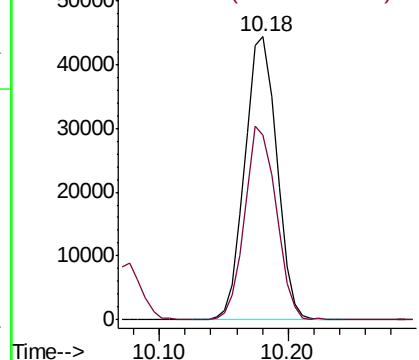
Ion Ratio Lower Upper

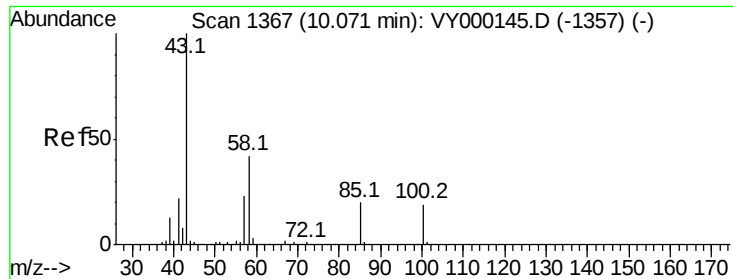
98 100

100 67.4 54.2 81.2



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





#51

4-Methyl-2-Pentanone

Concen: 54.329 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. 0.00 min

Lab File: VY000143.D

Acq: 26 Sep 2019 10:49

Instrument :

MSVOA_Y

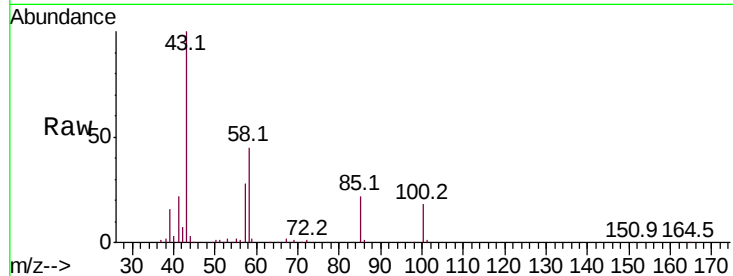
ClientSampleId :

Tot Ion: 43 Resp: 78061

Ion Ratio Lower Upper

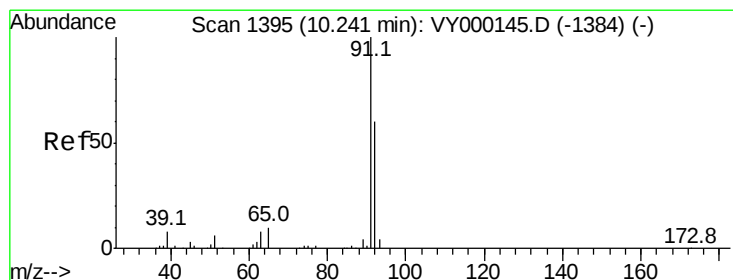
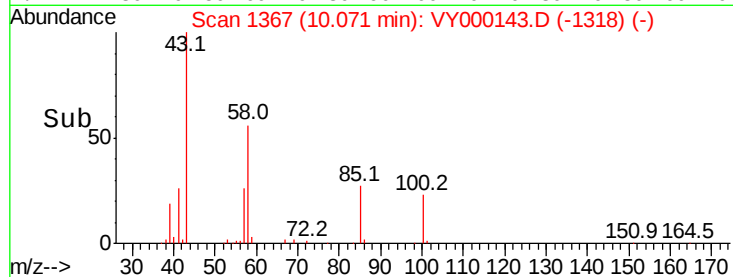
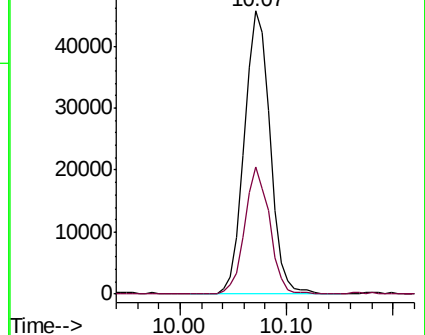
43 100

58 43.1 33.6 50.4



Abundance Ion 43.00 (42.70 to 43.70): VY000145.D (-1357) (-)

Ion 58.00 (57.70 to 58.70): VY000145.D (-1357) (-)



#52

Toluene

Concen: 10.139 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. 0.00 min

Lab File: VY000143.D

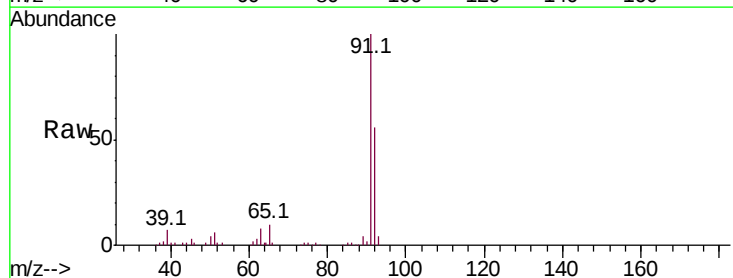
Acq: 26 Sep 2019 10:49

Tgt Ion: 92 Resp: 58843

Ion Ratio Lower Upper

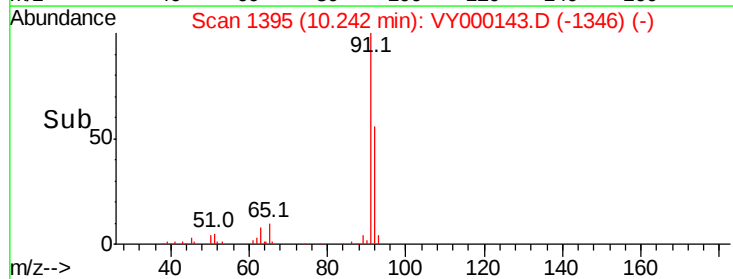
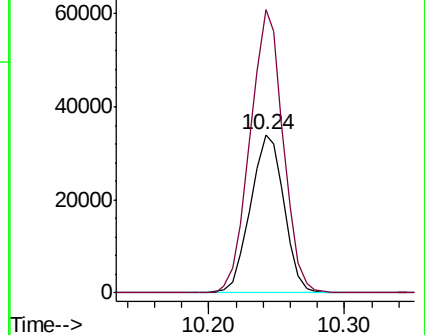
92 100

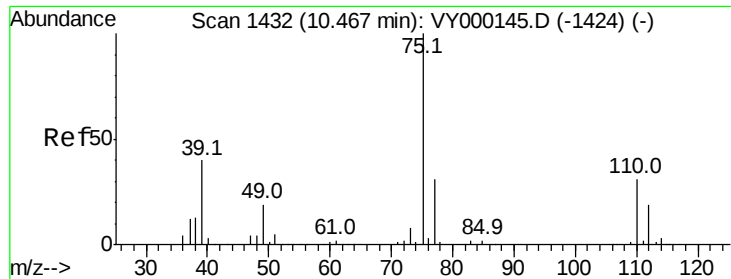
91 176.2 134.6 201.8



Abundance Ion 92.00 (91.70 to 92.70): VY000145.D (-1384) (-)

Ion 91.00 (90.70 to 91.70): VY000145.D (-1384) (-)

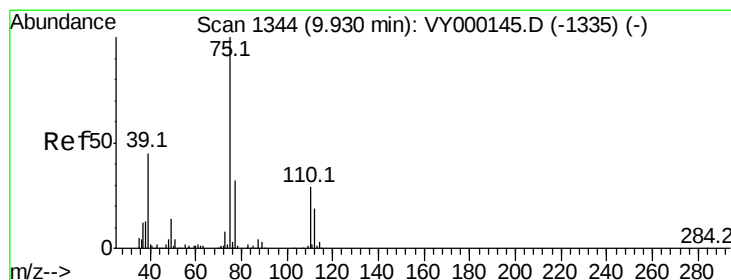
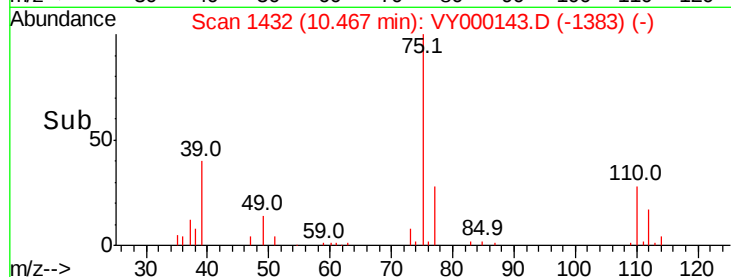
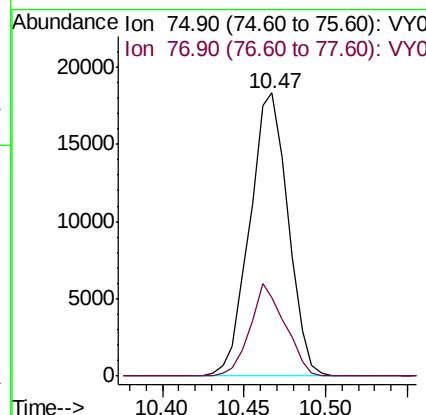
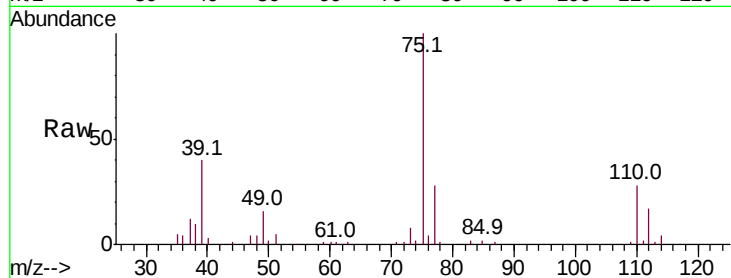




#53
t-1,3-Dichloropropene
Concen: 10.507 ug/l
RT: 10.47 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VY000143.D
Acq: 26 Sep 2019 10:49

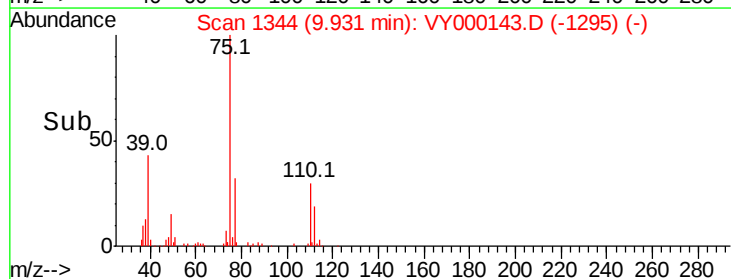
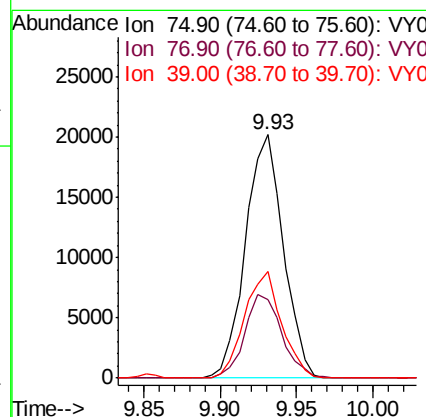
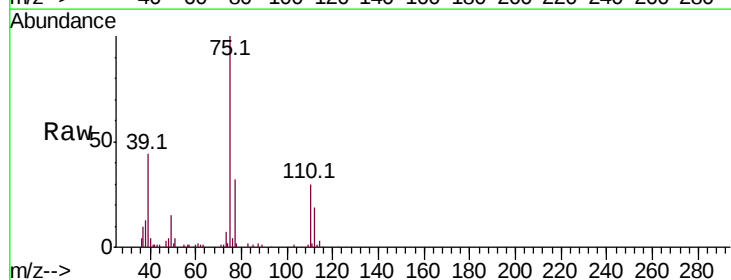
Instrument :
MSVOA_Y
ClientSampled :

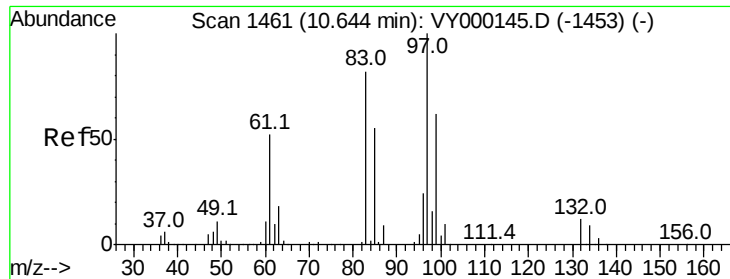
Tot Ion: 75 Resp: 30013
Ion Ratio Lower Upper
75 100
77 27.7 25.0 37.4



#54
cis-1,3-Dichloropropene
Concen: 10.261 ug/l
RT: 9.93 min Scan# 1344
Delta R.T. 0.00 min
Lab File: VY000143.D
Acq: 26 Sep 2019 10:49

Tgt Ion: 75 Resp: 34734
Ion Ratio Lower Upper
75 100
77 32.4 25.4 38.0
39 43.7 35.8 53.6

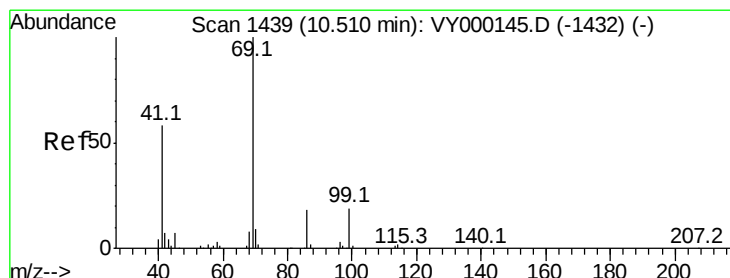
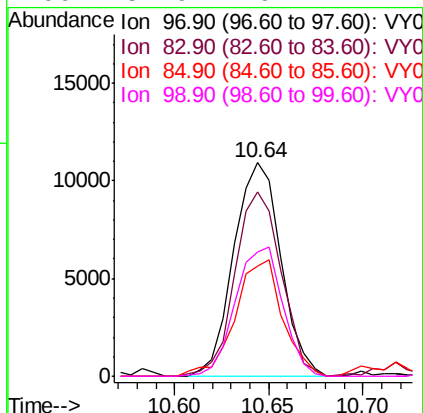
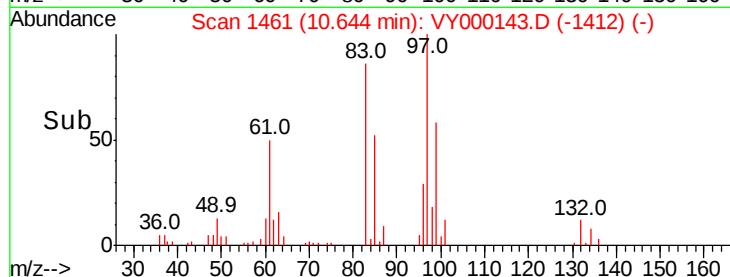
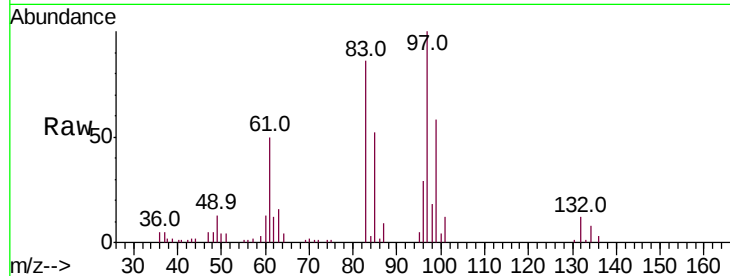




#55
 1,1,2-Trichloroethane
 Concen: 10.574 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY000143.D
 Acq: 26 Sep 2019 10:49

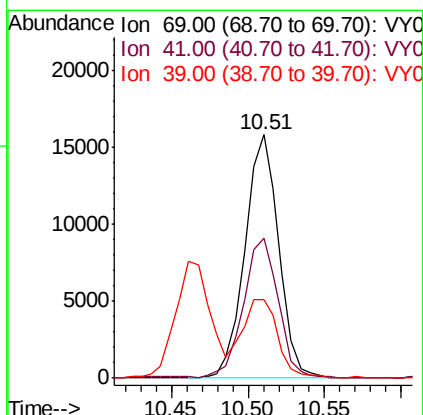
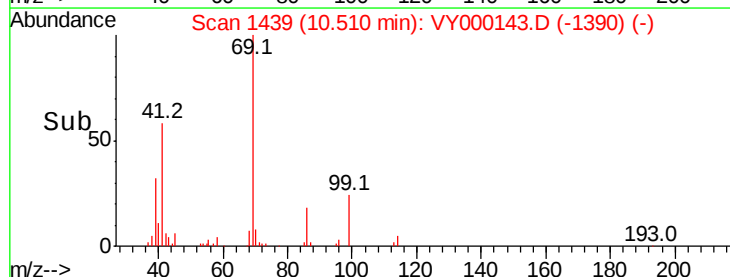
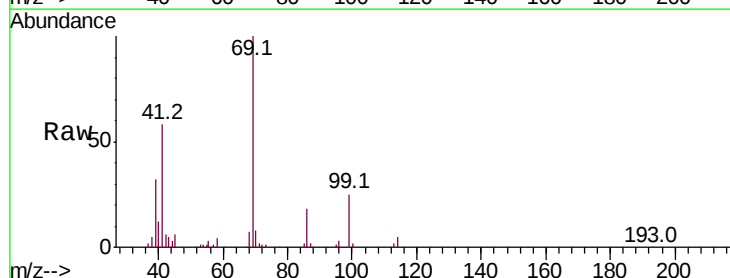
Instrument :
 MSVOA_Y
 ClientSampleId :

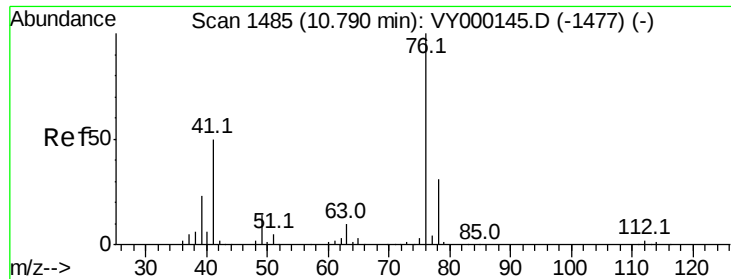
Tot Ion:	97	Resp:	18969
Ion	Ratio	Lower	Upper
97	100		
83	85.6	65.7	98.5
85	51.6	44.1	66.1
99	57.9	49.4	74.2



#56
 Ethyl methacrylate
 Concen: 10.389 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY000143.D
 Acq: 26 Sep 2019 10:49

Tgt Ion:	69	Resp:	24241
Ion	Ratio	Lower	Upper
69	100		
41	59.6	45.8	68.8
39	34.8	27.8	41.8





#57

1,3-Dichloropropane

Concen: 10.442 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VY000143.D

Acq: 26 Sep 2019 10:49

Instrument :

MSVOA_Y

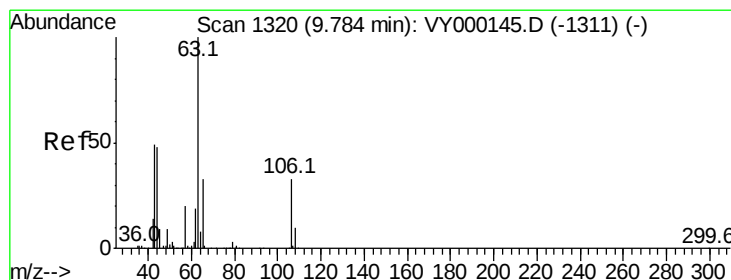
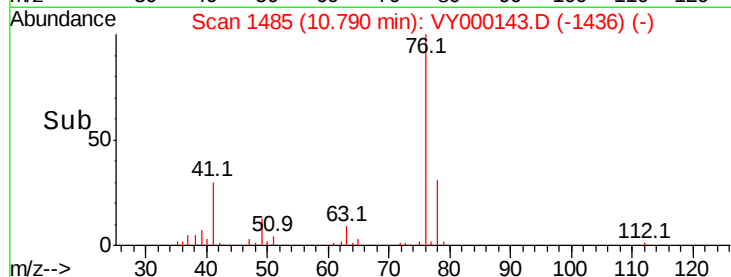
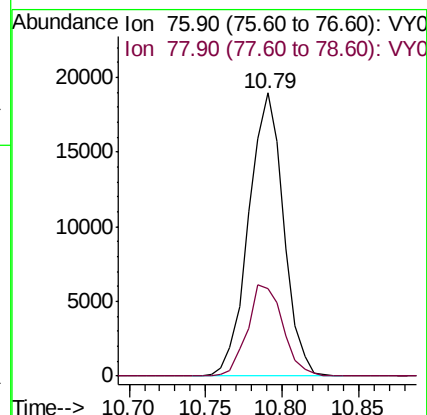
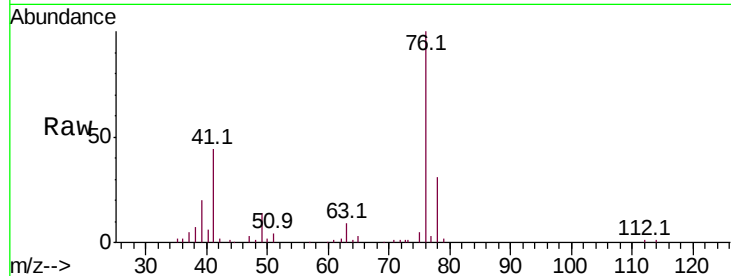
ClientSampled :

Tot Ion: 76 Resp: 30100

Ion Ratio Lower Upper

76 100

78 32.8 25.4 38.0



#58

2-Chloroethyl Vinyl ether

Concen: 46.239 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. 0.00 min

Lab File: VY000143.D

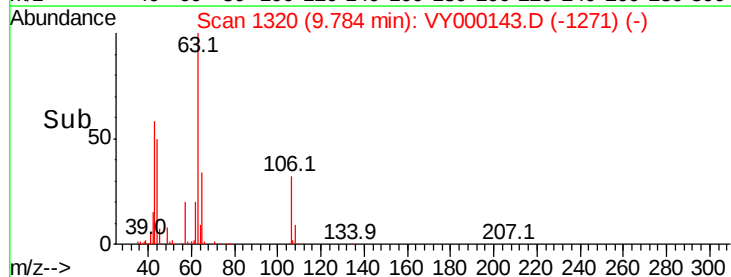
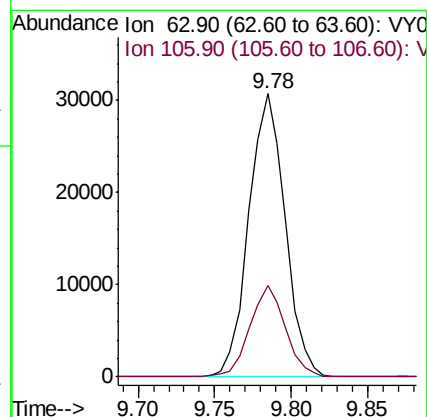
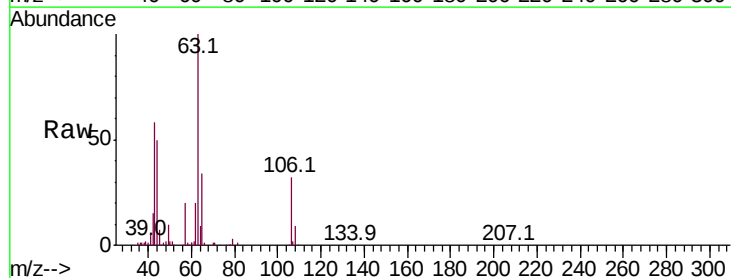
Acq: 26 Sep 2019 10:49

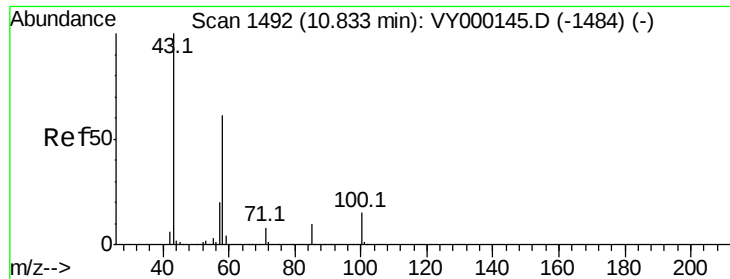
Tgt Ion: 63 Resp: 50678

Ion Ratio Lower Upper

63 100

106 31.5 27.0 40.6

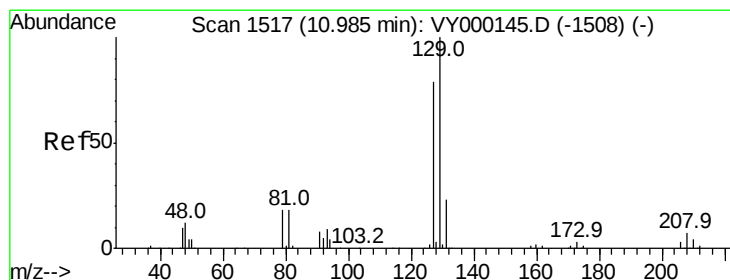
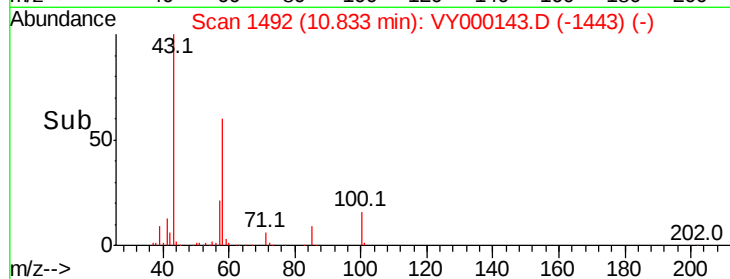
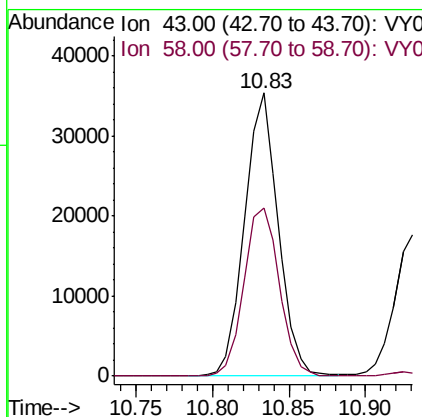
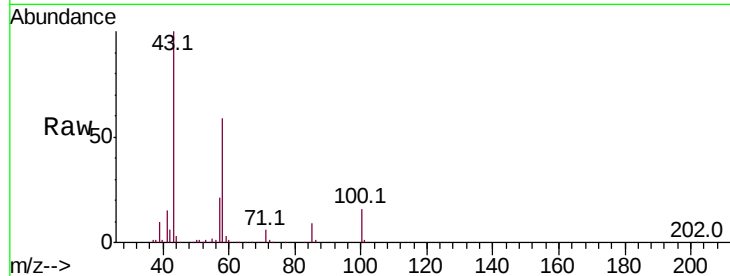




#59
2-Hexanone
Concen: 52.887 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY000143.D
Acq: 26 Sep 2019 10:49

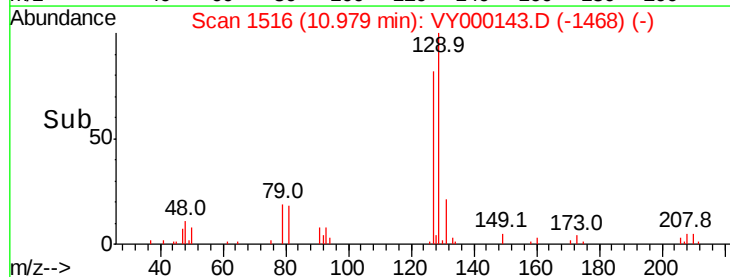
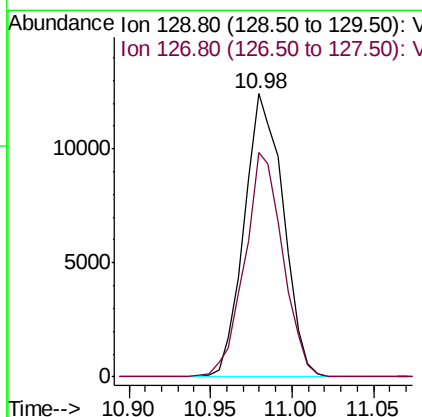
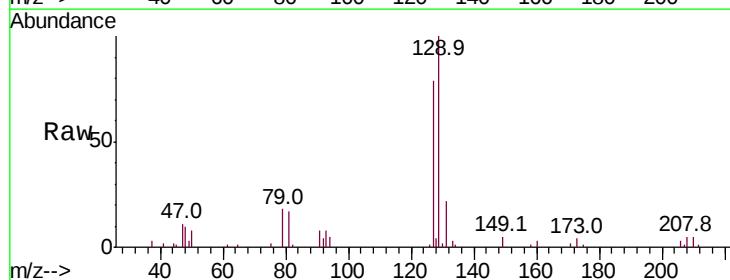
Instrument :
MSVOA_Y
ClientSampleId :

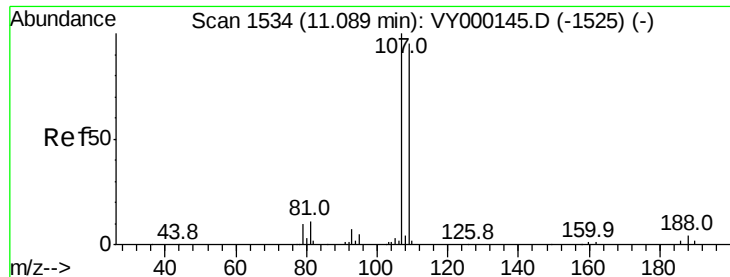
Tot Ion: 43 Resp: 54008
Ion Ratio Lower Upper
43 100
58 62.7 29.5 88.5



#60
Dibromochloromethane
Concen: 10.180 ug/l
RT: 10.98 min Scan# 1516
Delta R.T. -0.01 min
Lab File: VY000143.D
Acq: 26 Sep 2019 10:49

Tgt Ion: 129 Resp: 20644
Ion Ratio Lower Upper
129 100
127 77.9 39.4 118.1

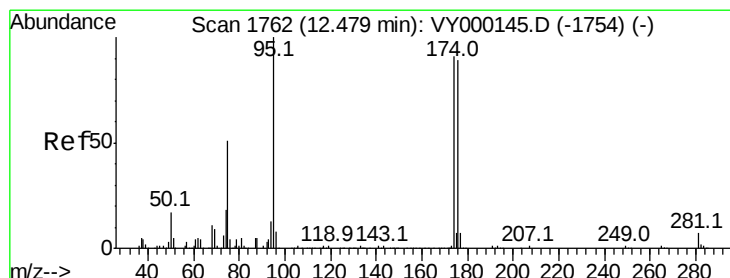
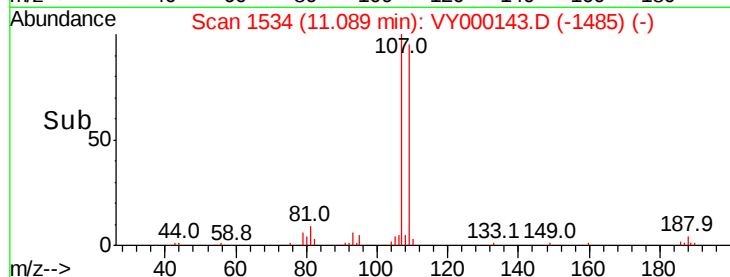
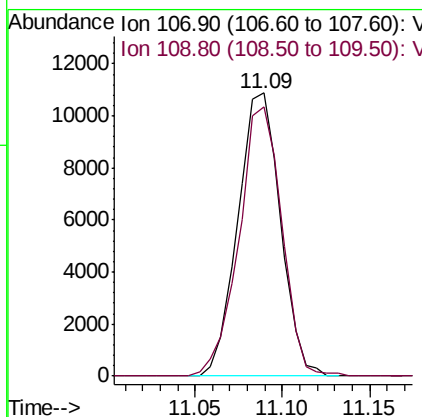
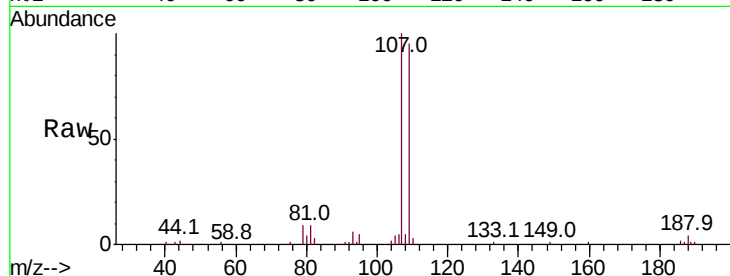




#61
 1,2-Dibromoethane
 Concen: 10.758 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY000143.D
 Acq: 26 Sep 2019 10:49

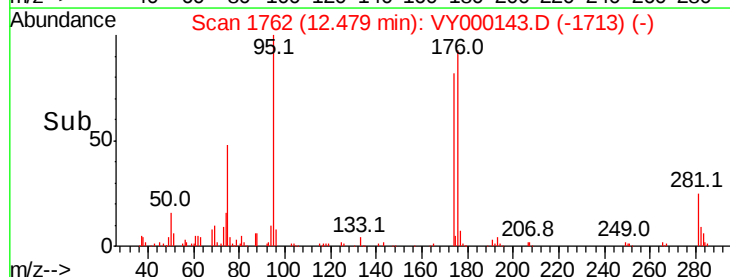
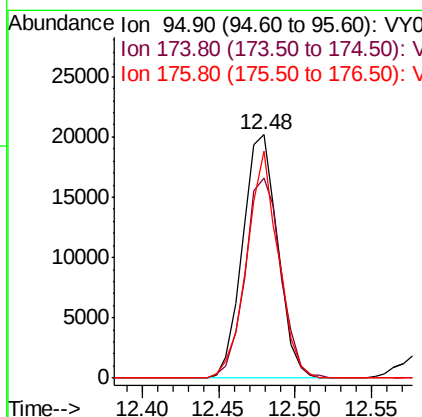
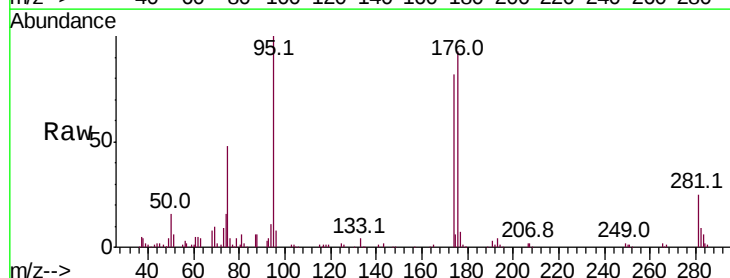
Instrument :
 MSVOA_Y
 ClientSampleId :

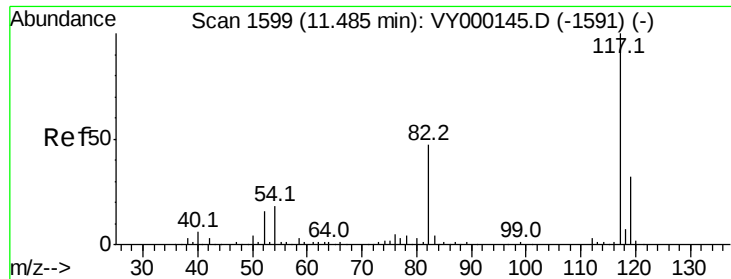
Tot Ion:107 Resp: 18415
 Ion Ratio Lower Upper
 107 100
 109 95.8 75.8 113.8



#62
 4-Bromofluorobenzene
 Concen: 11.616 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY000143.D
 Acq: 26 Sep 2019 10:49

Tgt Ion: 95 Resp: 32031
 Ion Ratio Lower Upper
 95 100
 174 83.7 0.0 180.6
 176 84.2 0.0 171.6

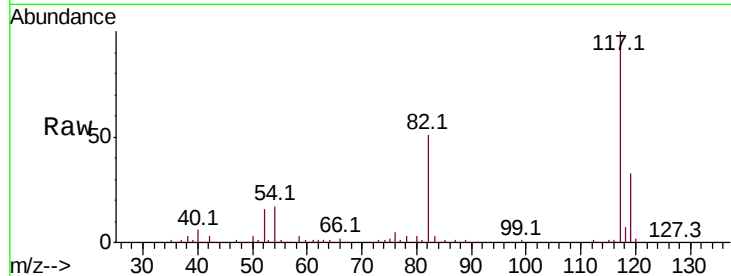




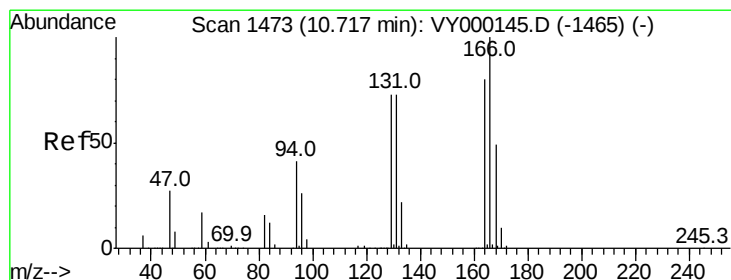
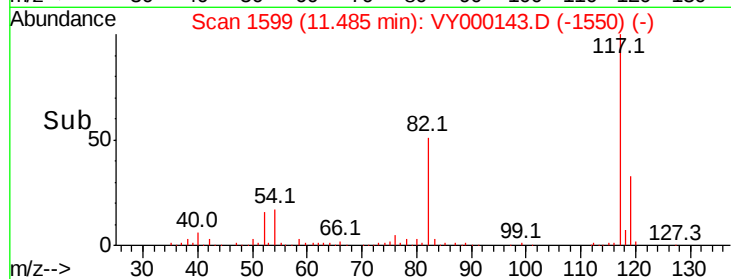
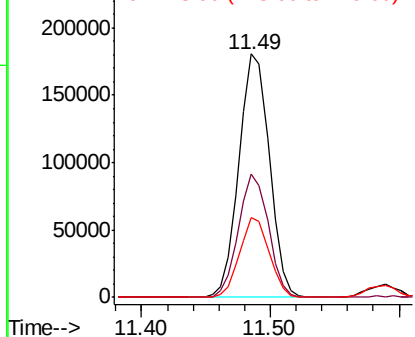
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VY000143.D
Acq: 26 Sep 2019 10:49

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:117 Resp: 296321
Ion Ratio Lower Upper
117 100
82 50.6 37.7 56.5
119 32.8 25.4 38.2

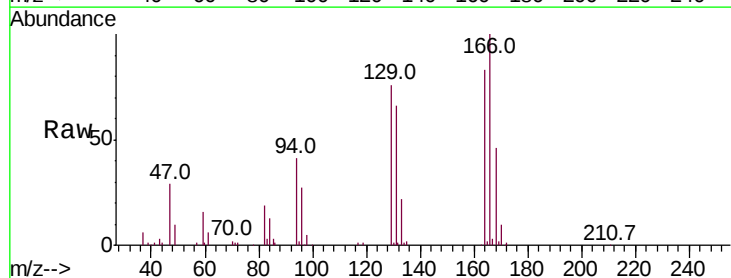


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

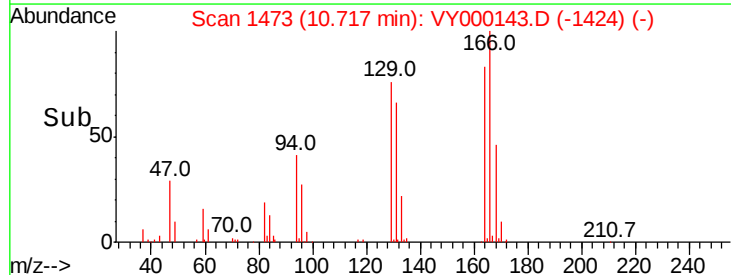
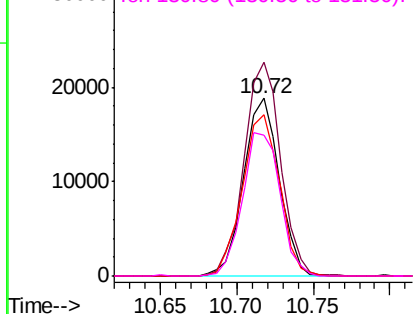


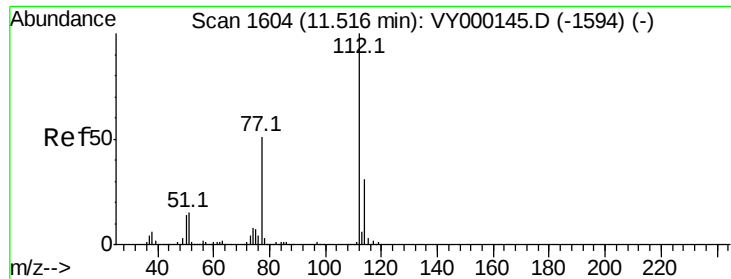
#64
Tetrachloroethene
Concen: 10.418 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY000143.D
Acq: 26 Sep 2019 10:49

Tgt Ion:164 Resp: 30581
Ion Ratio Lower Upper
164 100
166 120.4 99.5 149.3
129 91.2 72.8 109.2
131 79.1 73.0 109.6



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

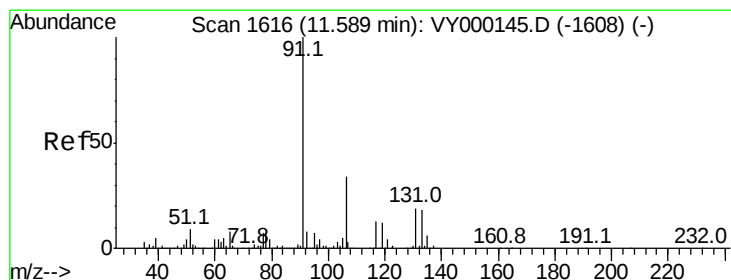
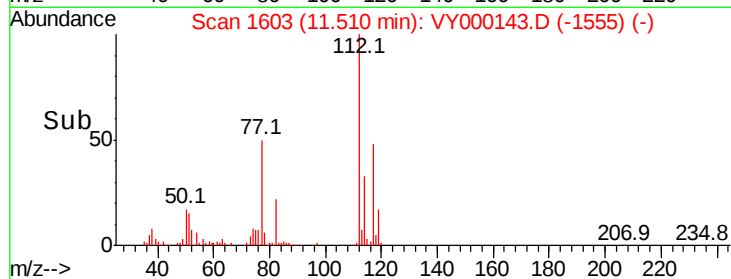
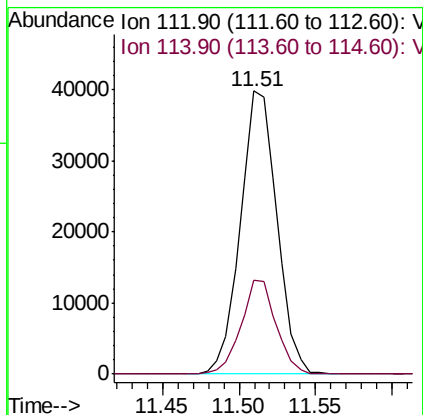
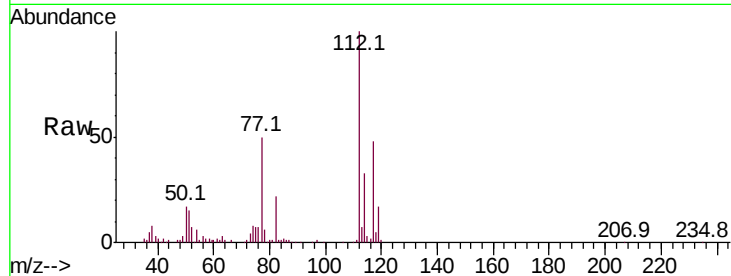




#65
Chlorobenzene
Concen: 10.664 ug/l
RT: 11.51 min Scan# 1603
Delta R.T. -0.01 min
Lab File: VY000143.D
Acq: 26 Sep 2019 10:49

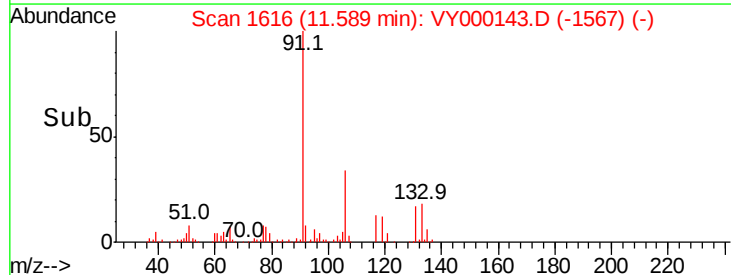
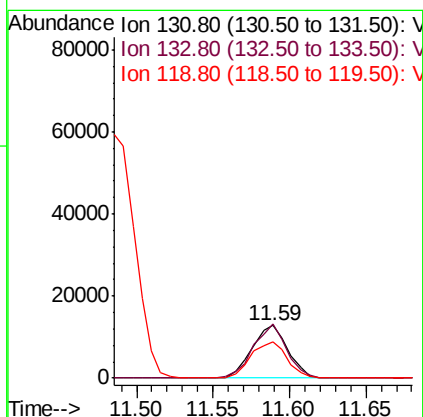
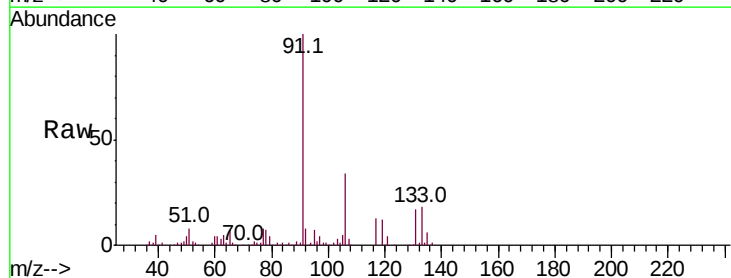
Instrument :
MSVOA_Y
ClientSampled :

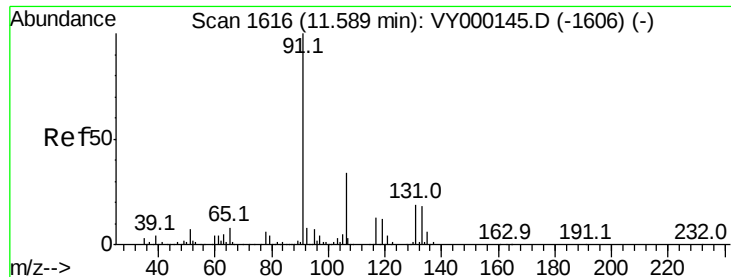
Tot Ion:112 Resp: 65761
Ion Ratio Lower Upper
112 100
114 33.1 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 10.086 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY000143.D
Acq: 26 Sep 2019 10:49

Tgt Ion:131 Resp: 21016
Ion Ratio Lower Upper
131 100
133 96.3 47.2 141.6
119 70.7 32.3 96.9





#67

Ethyl Benzene

Concen: 10.572 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. 0.00 min

Lab File: VY000143.D

Acq: 26 Sep 2019 10:49

Instrument :

MSVOA_Y

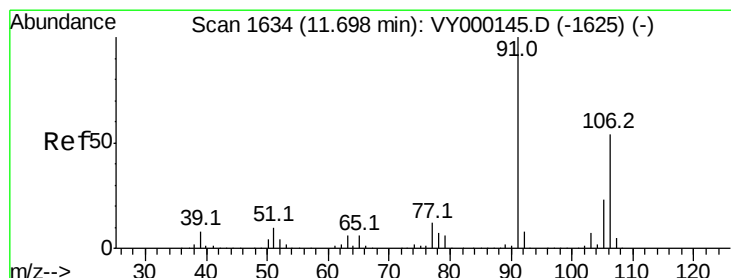
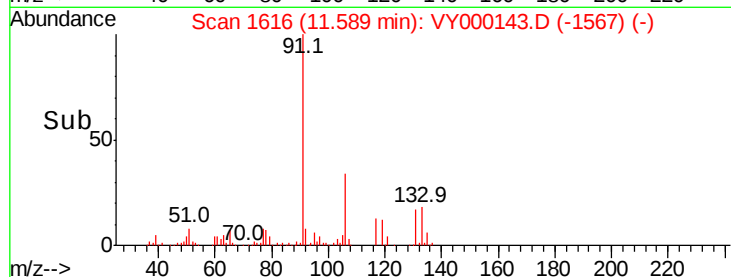
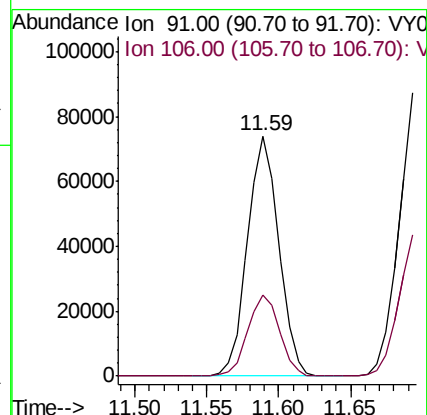
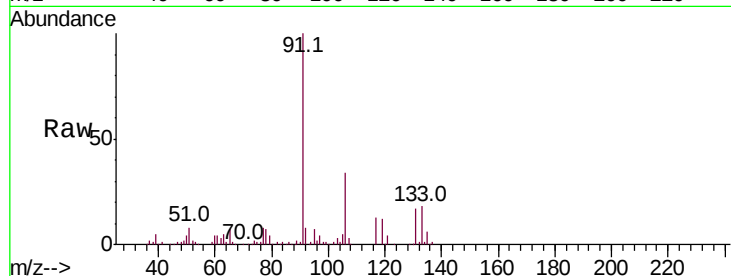
ClientSampled :

Tot Ion: 91 Resp: 111436

Ion Ratio Lower Upper

91 100

106 34.0 27.3 40.9



#68

m/p-Xylenes

Concen: 21.053 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. 0.00 min

Lab File: VY000143.D

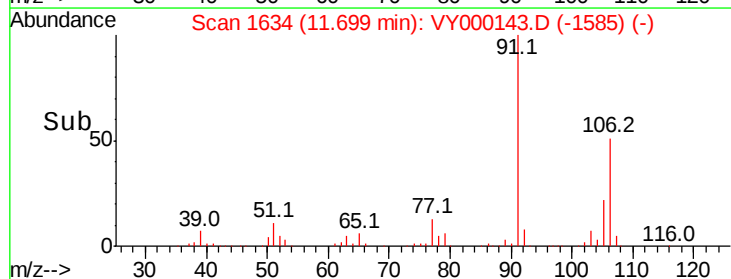
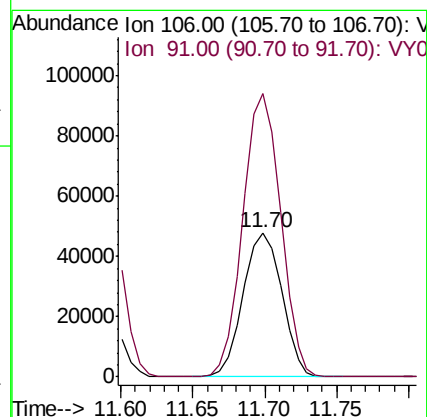
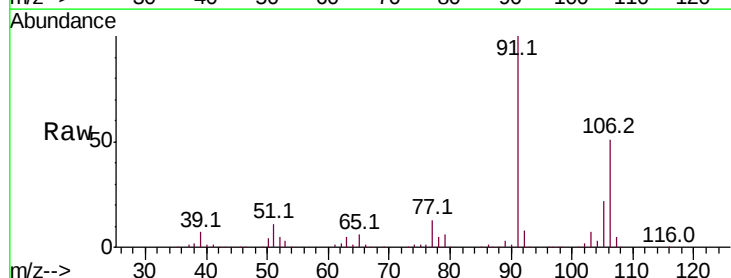
Acq: 26 Sep 2019 10:49

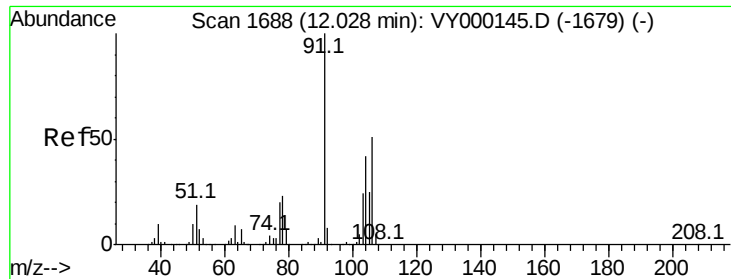
Tgt Ion: 106 Resp: 89711

Ion Ratio Lower Upper

106 100

91 191.6 148.6 223.0

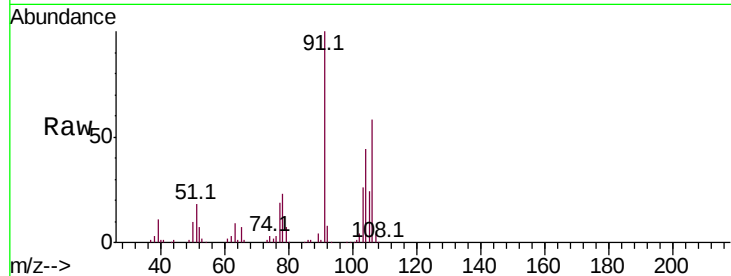




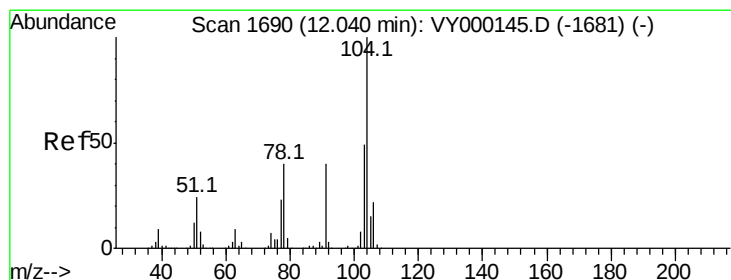
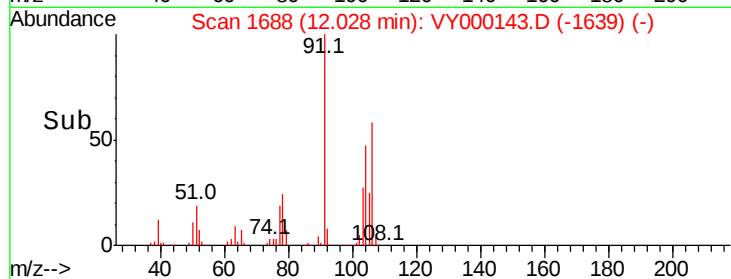
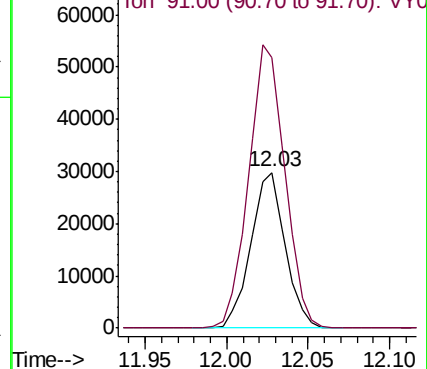
#69
o-Xylene
Concen: 10.817 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY000143.D
Acq: 26 Sep 2019 10:49

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:106 Resp: 43960
Ion Ratio Lower Upper
106 100
91 191.1 98.0 293.9

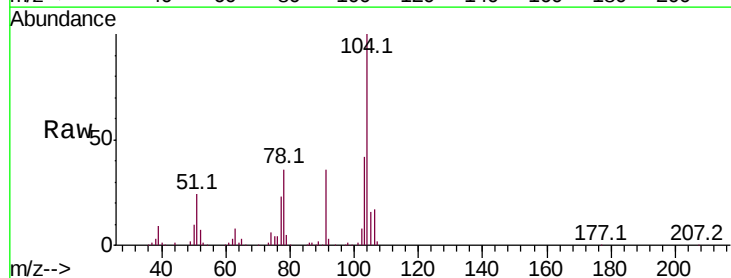


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0

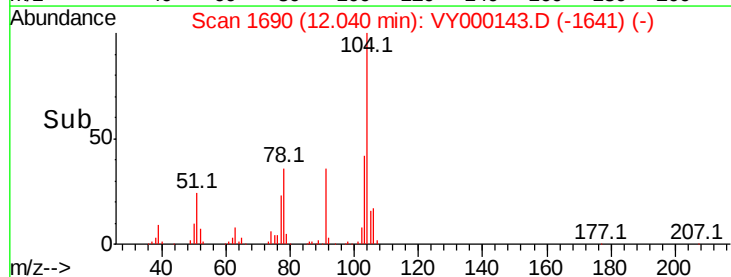
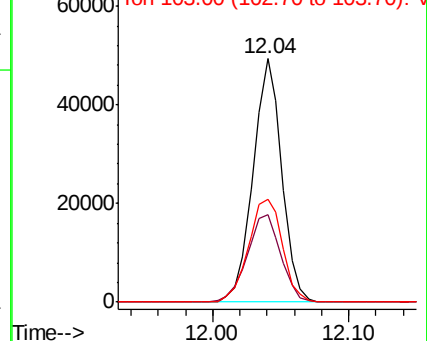


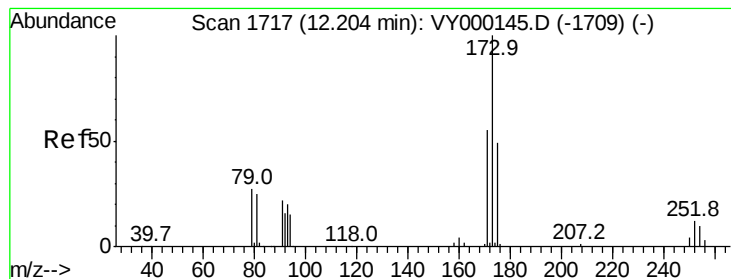
#70
Styrene
Concen: 10.629 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY000143.D
Acq: 26 Sep 2019 10:49

Tgt Ion:104 Resp: 73102
Ion Ratio Lower Upper
104 100
78 42.0 34.7 52.1
103 49.8 41.6 62.4



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: 10.416 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VY000143.D

Acq: 26 Sep 2019 10:49

Instrument :

MSVOA_Y

ClientSampleId :

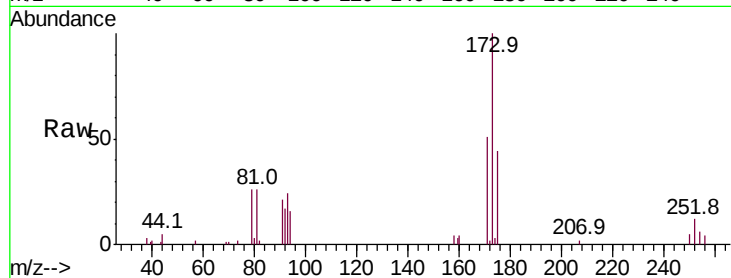
Tot Ion:173 Resp: 12754

Ion Ratio Lower Upper

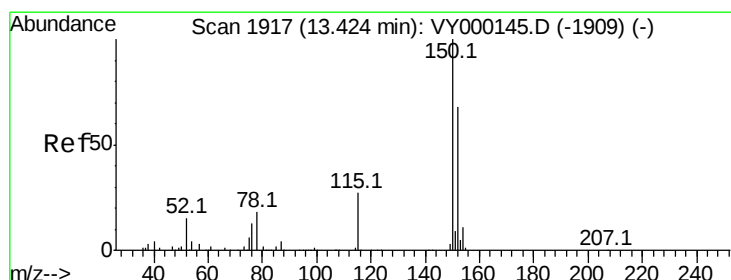
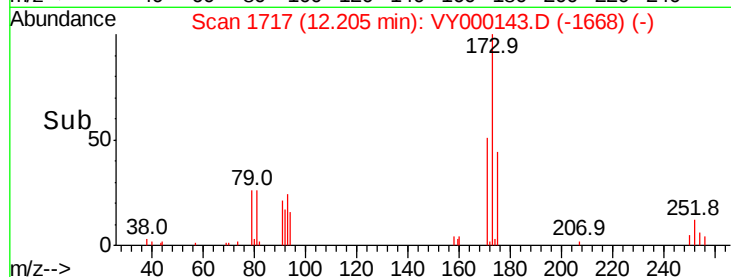
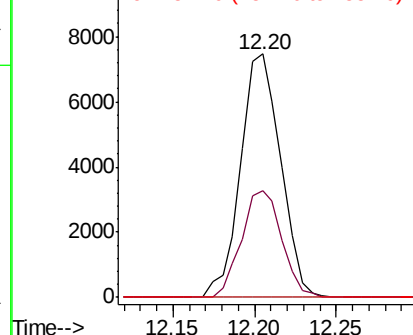
173 100

175 44.0 23.5 70.6

254 0.0 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. 0.00 min

Lab File: VY000143.D

Acq: 26 Sep 2019 10:49

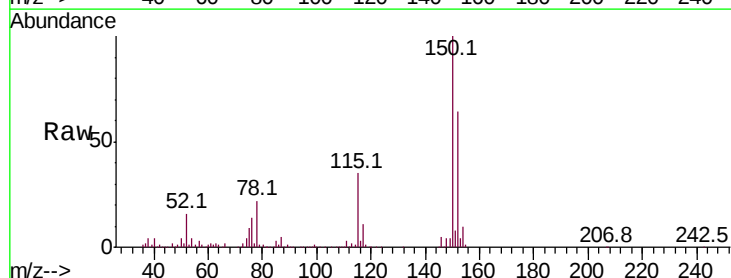
Tgt Ion:152 Resp: 143946

Ion Ratio Lower Upper

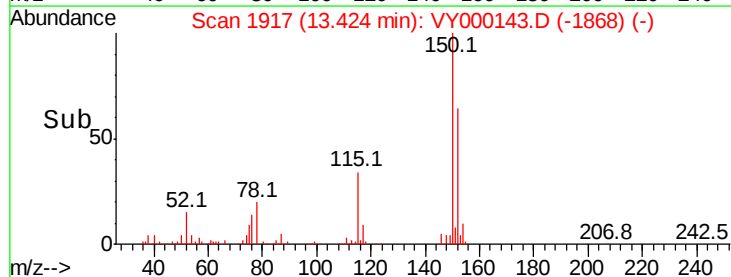
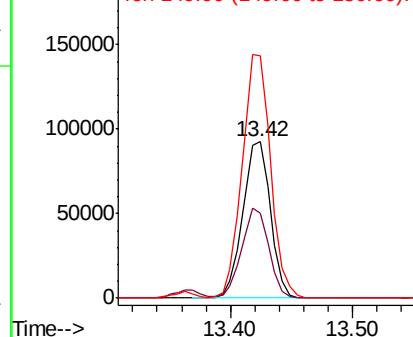
152 100

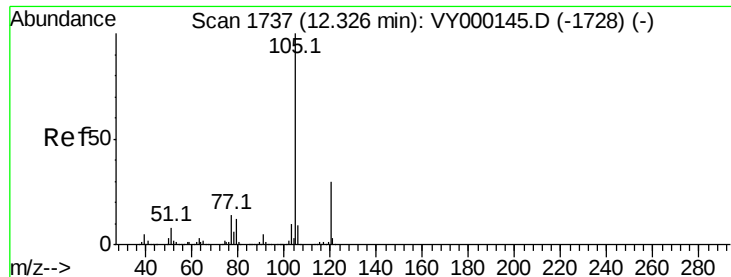
115 56.1 26.8 80.4

150 160.8 0.0 347.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 10.409 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY000143.D

Acq: 26 Sep 2019 10:49

Instrument :

MSVOA_Y

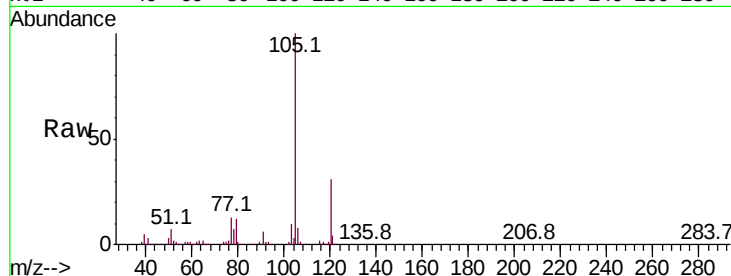
ClientSampleId :

Tot Ion:105 Resp: 108109

Ion Ratio Lower Upper

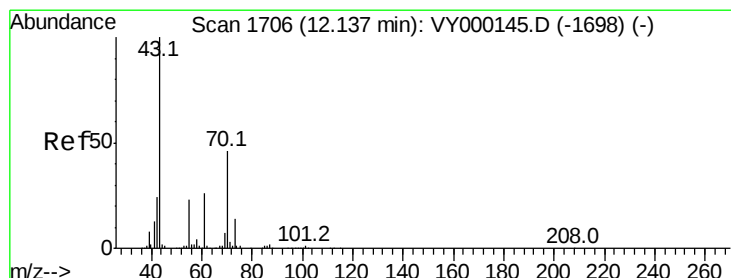
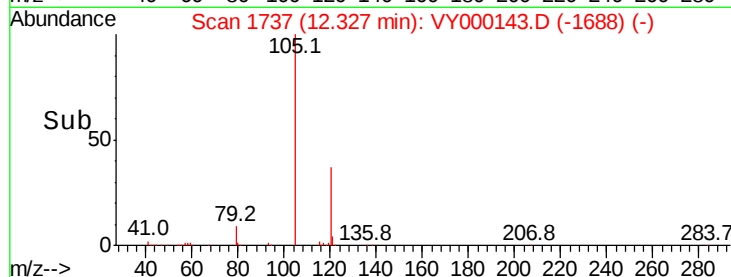
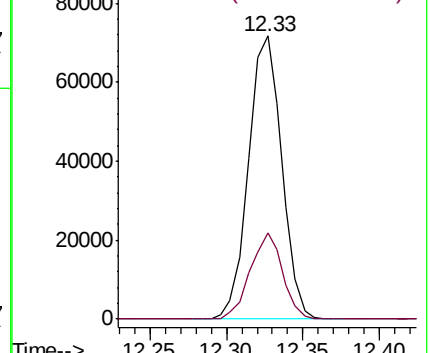
105 100

120 29.6 14.7 44.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 10.276 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.01 min

Lab File: VY000143.D

Acq: 26 Sep 2019 10:49

Tgt Ion: 43 Resp: 25832

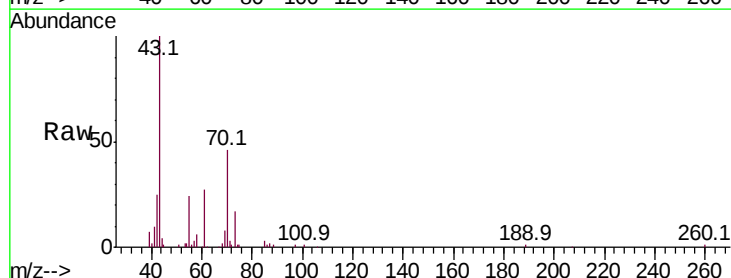
Ion Ratio Lower Upper

43 100

70 47.6 37.3 55.9

55 25.7 18.6 27.8

61 26.8 21.0 31.4

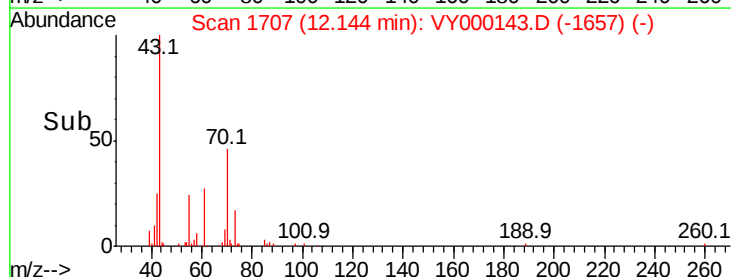
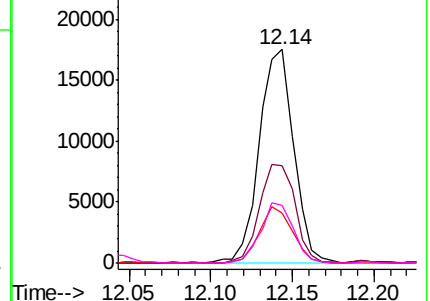


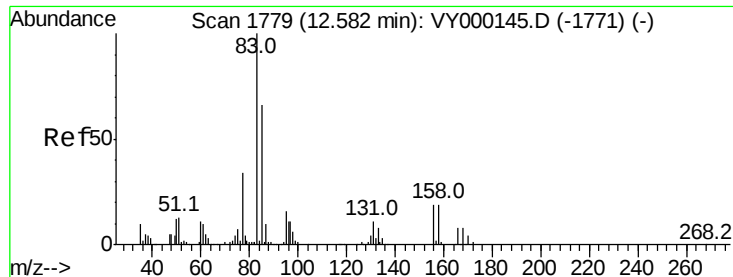
Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0





#75

1,1,2,2-Tetrachloroethane

Concen: 11.284 ug/l

RT: 12.58 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VY000143.D

Acq: 26 Sep 2019 10:49

Instrument :

MSVOA_Y

ClientSampleId :

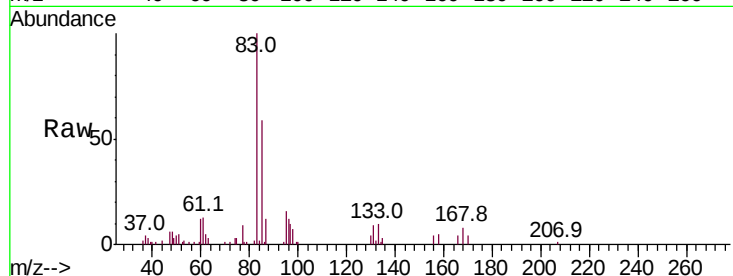
Tot Ion: 83 Resp: 18242

Ion Ratio Lower Upper

83 100

131 10.0 5.4 16.2

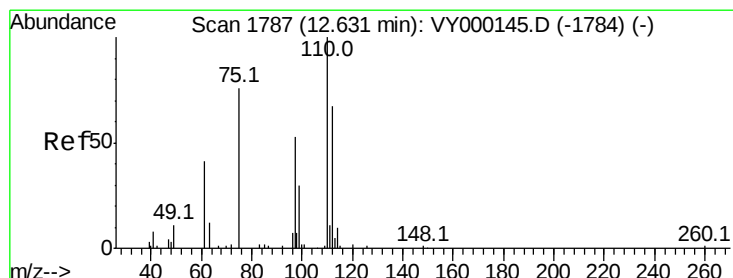
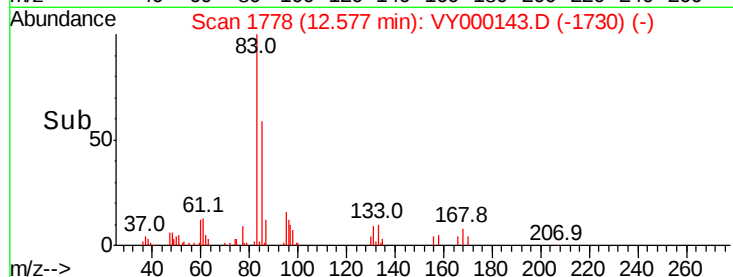
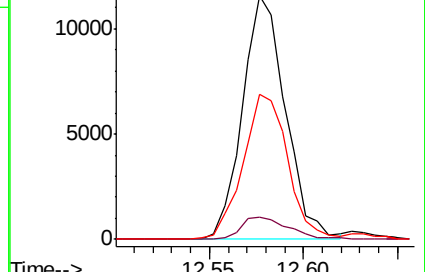
85 62.1 32.5 97.5



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: 19.803 ug/l

RT: 12.63 min Scan# 1786

Delta R.T. -0.01 min

Lab File: VY000143.D

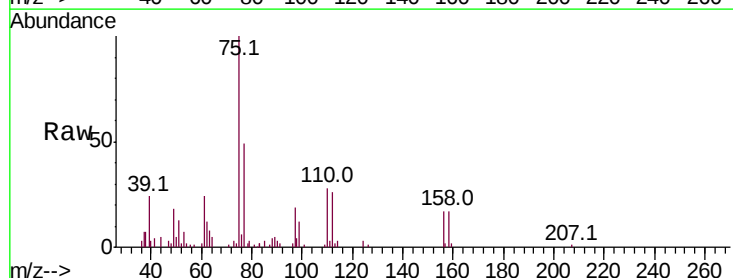
Acq: 26 Sep 2019 10:49

Tgt Ion: 75 Resp: 28077

Ion Ratio Lower Upper

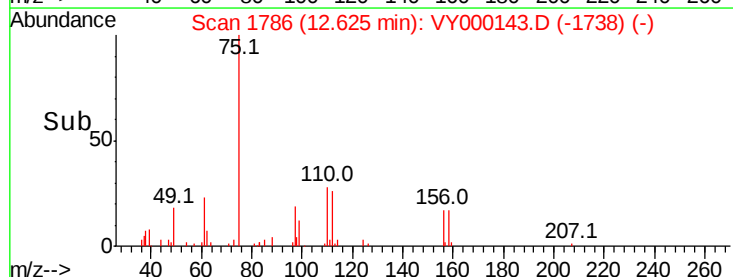
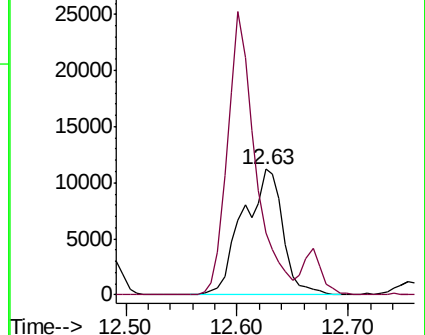
75 100

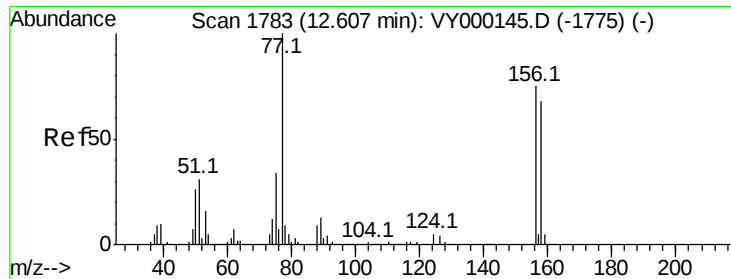
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 10.213 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY000143.D

Acq: 26 Sep 2019 10:49

Instrument :

MSVOA_Y

ClientSampleId :

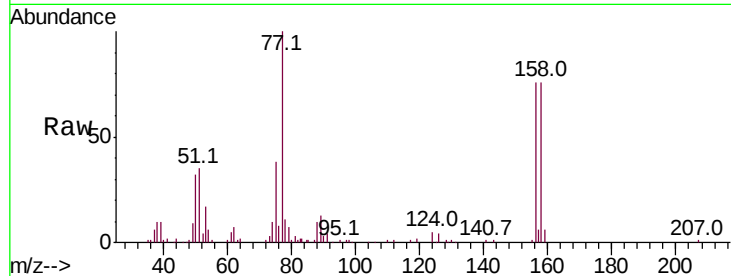
Tot Ion:156 Resp: 26203

Ion Ratio Lower Upper

156 100

77 167.7 83.0 249.2

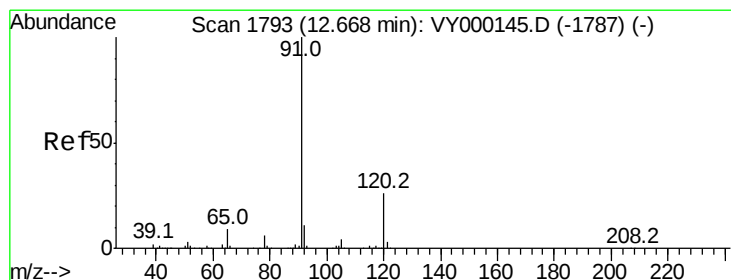
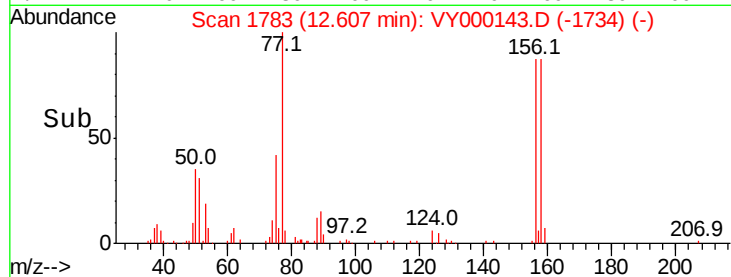
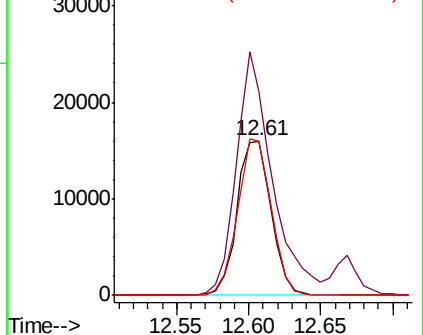
158 99.7 47.4 142.2



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 10.510 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VY000143.D

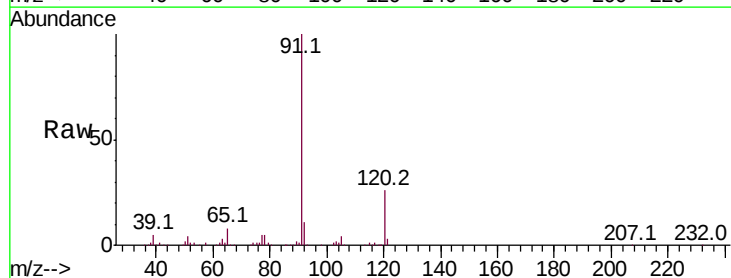
Acq: 26 Sep 2019 10:49

Tgt Ion: 91 Resp: 130115

Ion Ratio Lower Upper

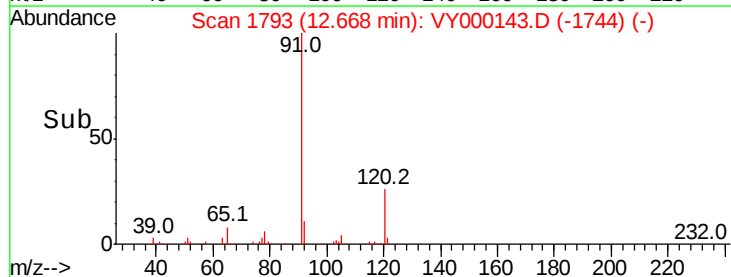
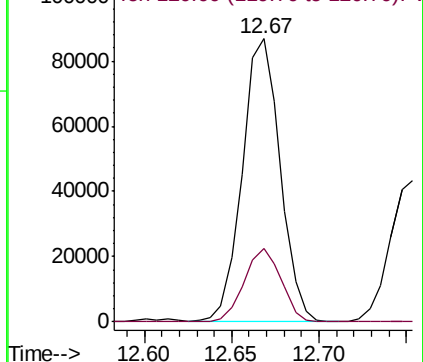
91 100

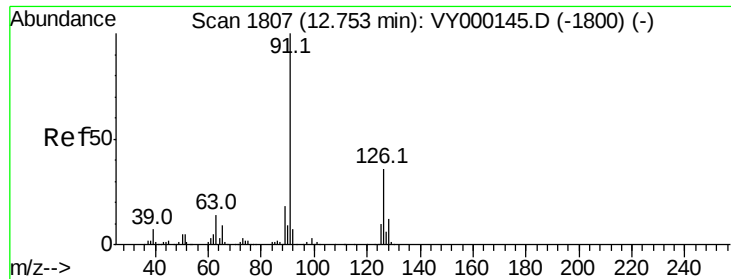
120 25.4 12.8 38.3



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 10.366 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VY000143.D

Acq: 26 Sep 2019 10:49

Instrument :

MSVOA_Y

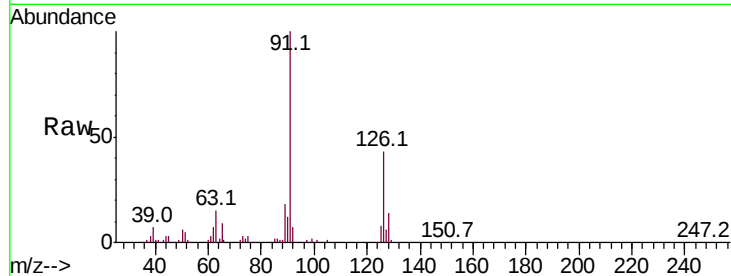
ClientSampleId :

Tot Ion: 91 Resp: 69826

Ion Ratio Lower Upper

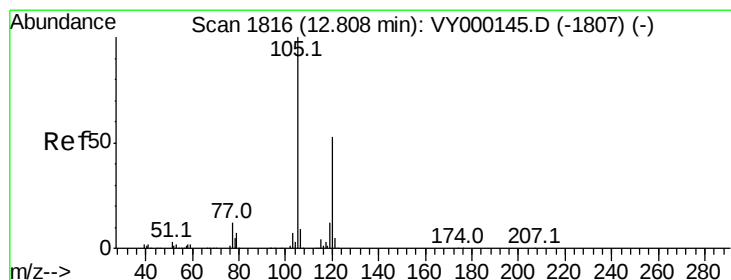
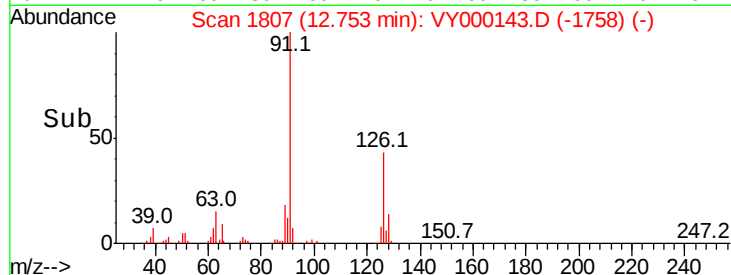
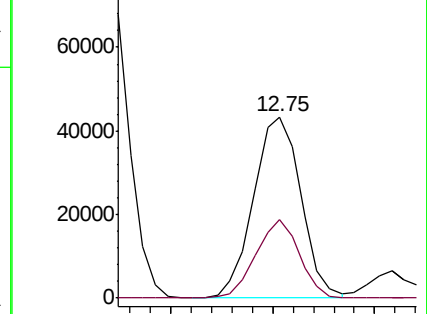
91 100

126 40.0 19.1 57.5



Abundance Ion 91.00 (90.70 to 91.70): VY000145.D (-1800) (-)

Ion 125.90 (125.60 to 126.60): VY000145.D (-1800) (-)



#80

1,3,5-Trimethylbenzene

Concen: 10.608 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. 0.00 min

Lab File: VY000143.D

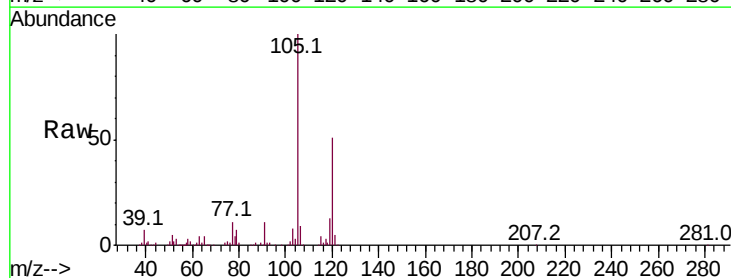
Acq: 26 Sep 2019 10:49

Tgt Ion:105 Resp: 91648

Ion Ratio Lower Upper

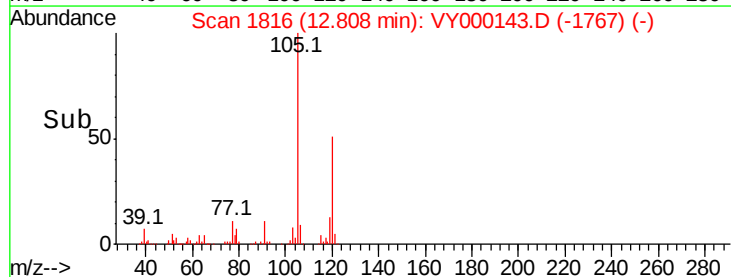
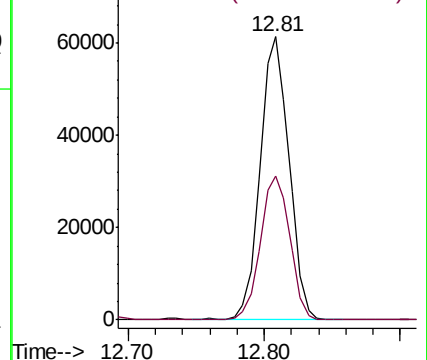
105 100

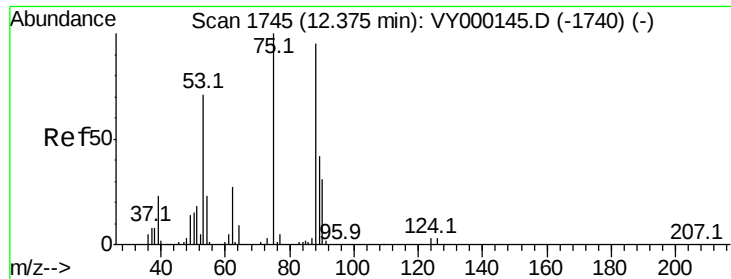
120 51.5 26.7 80.0



Abundance Ion 105.00 (104.70 to 105.70): VY000145.D (-1807) (-)

Ion 120.00 (119.70 to 120.70): VY000145.D (-1807) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 10.111 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VY000143.D

Acq: 26 Sep 2019 10:49

Instrument :

MSVOA_Y

ClientSampleId :

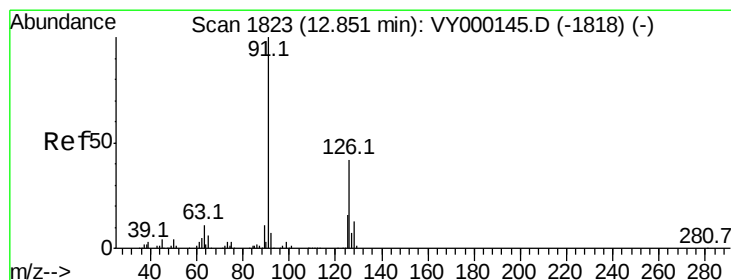
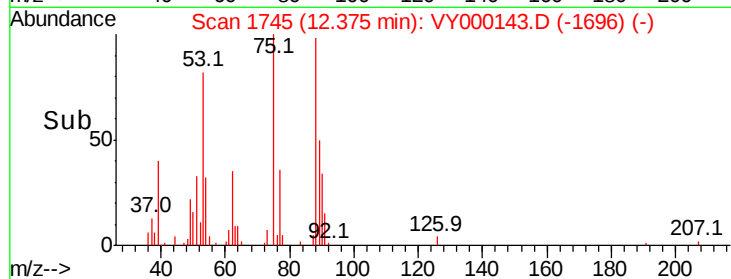
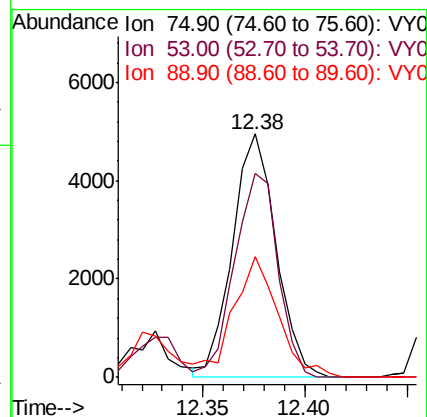
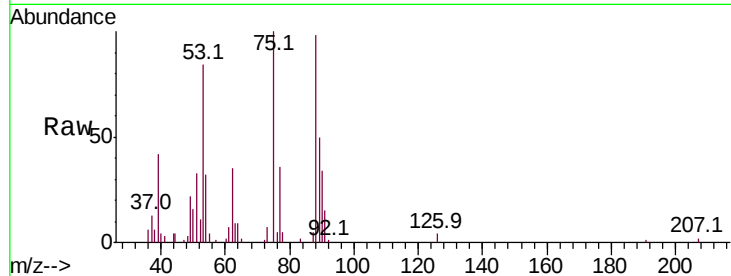
Tot Ion: 75 Resp: 7350

Ion Ratio Lower Upper

75 100

53 83.1 61.8 92.8

89 51.0 35.6 53.4



#82

4-Chlorotoluene

Concen: 10.388 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. 0.00 min

Lab File: VY000143.D

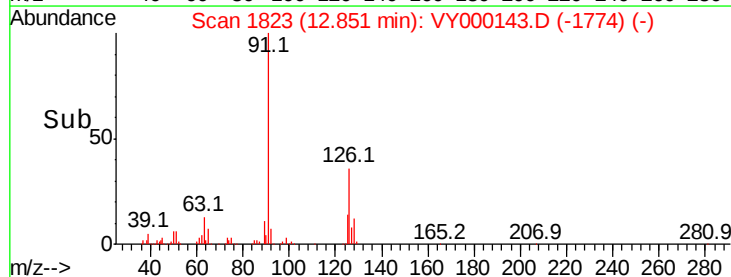
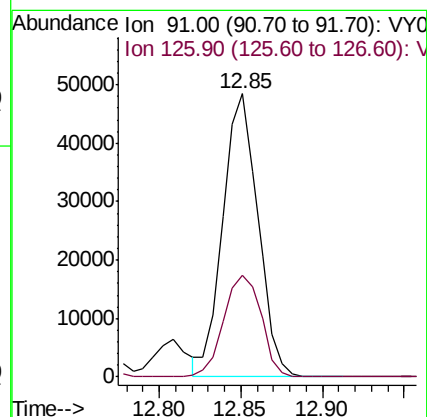
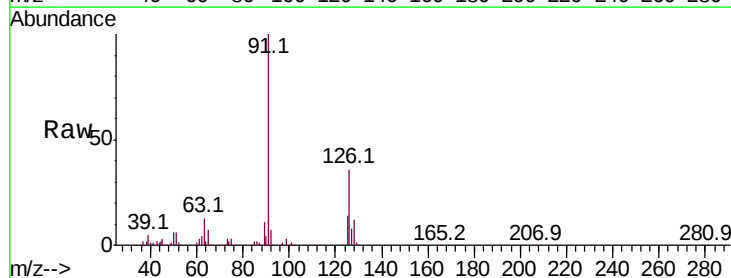
Acq: 26 Sep 2019 10:49

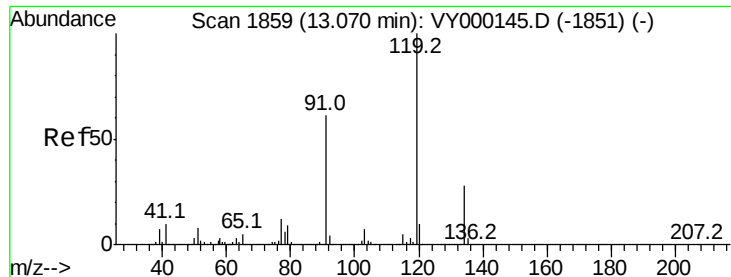
Tgt Ion: 91 Resp: 72909

Ion Ratio Lower Upper

91 100

126 38.3 19.4 58.2

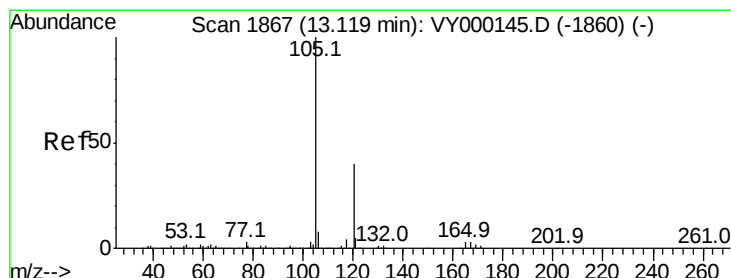
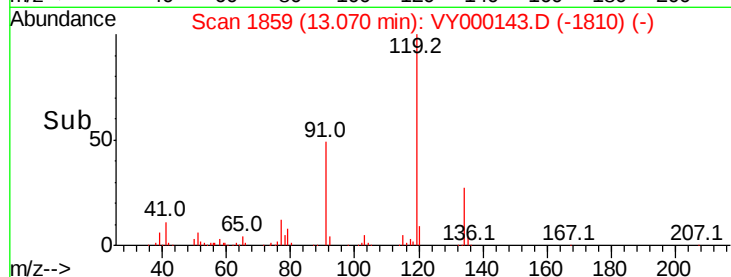
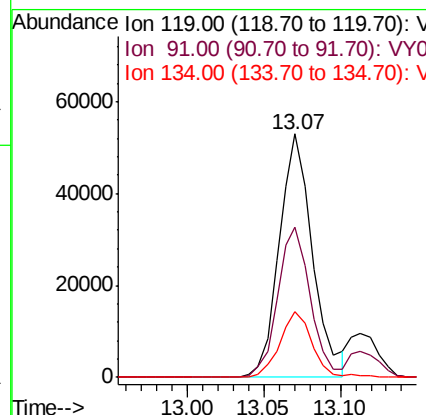
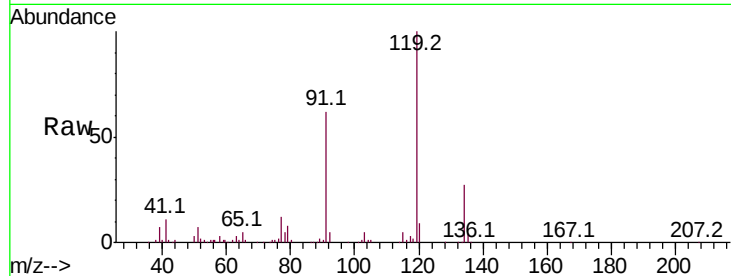




#83
tert-Butylbenzene
Concen: 10.765 ug/l
RT: 13.07 min Scan# 1859
Delta R.T. 0.00 min
Lab File: VY000143.D
Acq: 26 Sep 2019 10:49

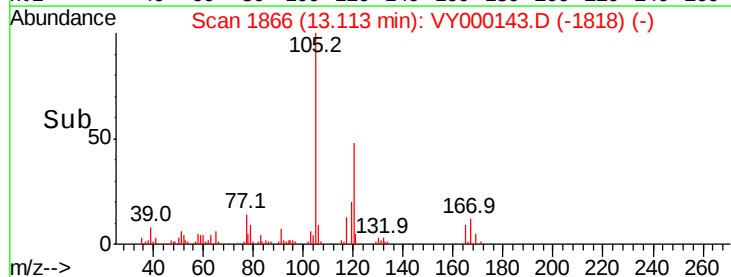
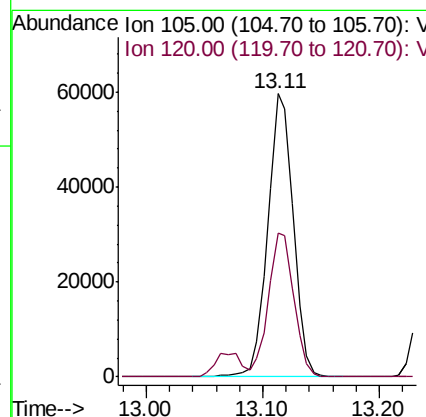
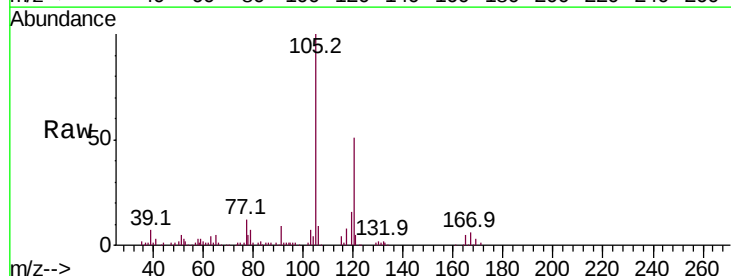
Instrument :
MSVOA_Y
ClientSampleId :

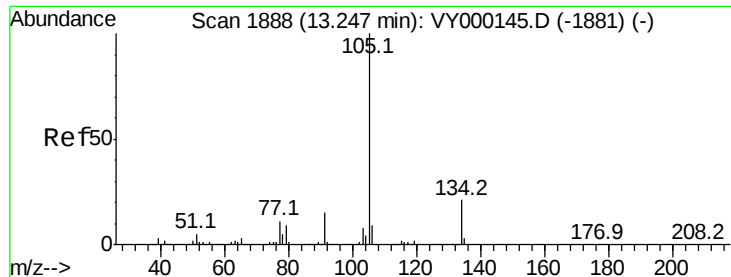
Tot Ion:119 Resp: 80086
Ion Ratio Lower Upper
119 100
91 60.8 31.0 93.0
134 26.4 14.0 41.9



#84
1,2,4-Trimethylbenzene
Concen: 10.299 ug/l
RT: 13.11 min Scan# 1866
Delta R.T. -0.01 min
Lab File: VY000143.D
Acq: 26 Sep 2019 10:49

Tgt Ion:105 Resp: 89916
Ion Ratio Lower Upper
105 100
120 50.9 24.6 73.8





#85

sec-Butylbenzene

Concen: 10.463 ug/l

RT: 13.25 min Scan# 1888

Delta R.T. 0.00 min

Lab File: VY000143.D

Acq: 26 Sep 2019 10:49

Instrument :

MSVOA_Y

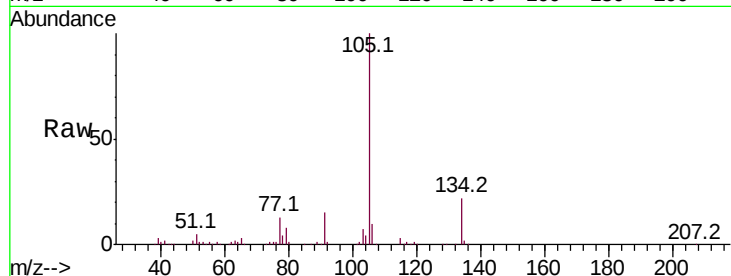
ClientSampleId :

Tot Ion:105 Resp: 111755

Ion Ratio Lower Upper

105 100

134 21.4 10.9 32.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.25

80000

60000

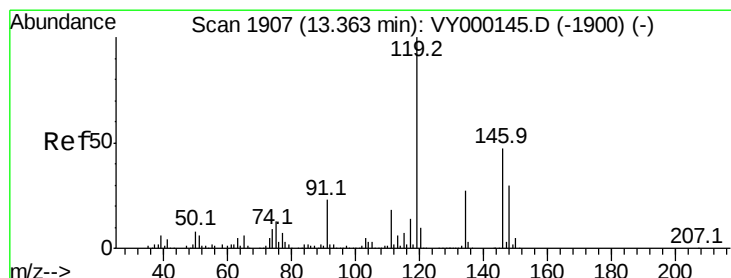
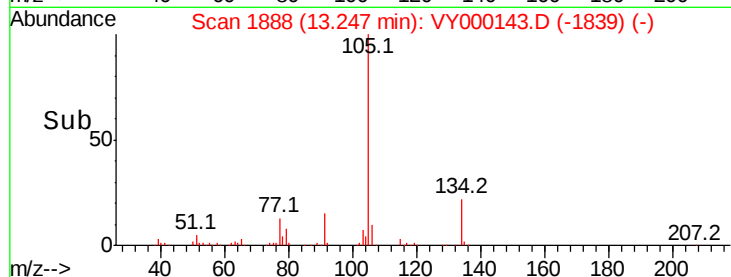
40000

20000

0

13.20 13.25 13.30

Time-->



#86

p-Isopropyltoluene

Concen: 10.349 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. 0.00 min

Lab File: VY000143.D

Acq: 26 Sep 2019 10:49

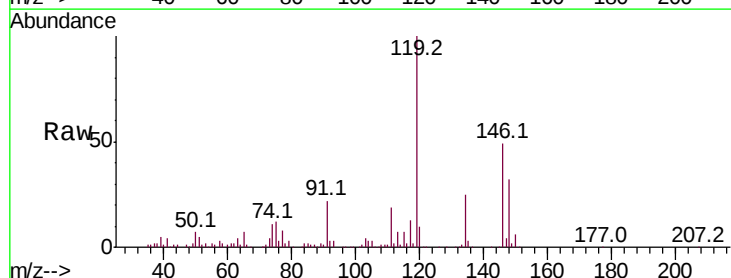
Tgt Ion:119 Resp: 98444

Ion Ratio Lower Upper

119 100

134 28.4 14.3 42.9

91 23.1 11.4 34.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

13.36

80000

60000

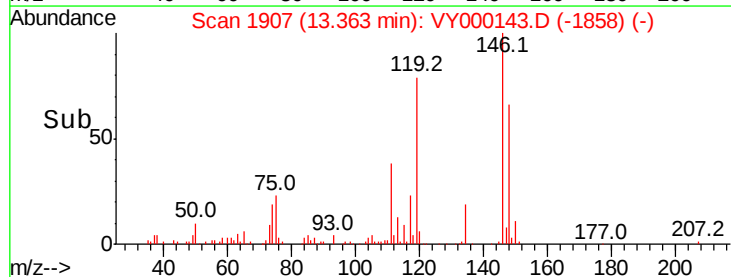
40000

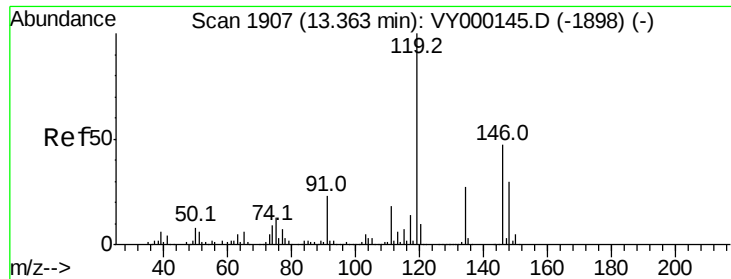
20000

0

13.30 13.35 13.40

Time-->

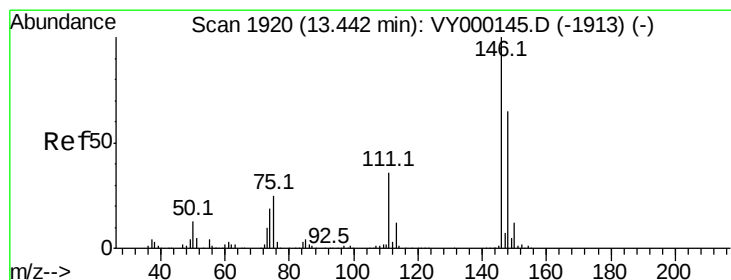
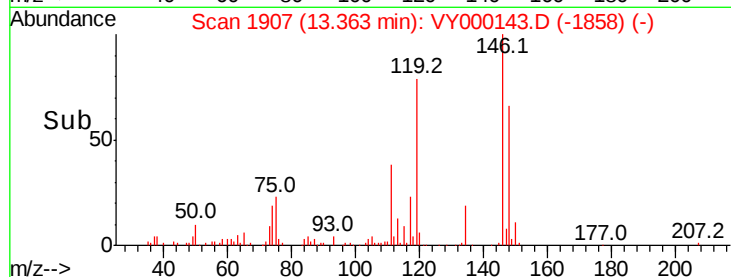
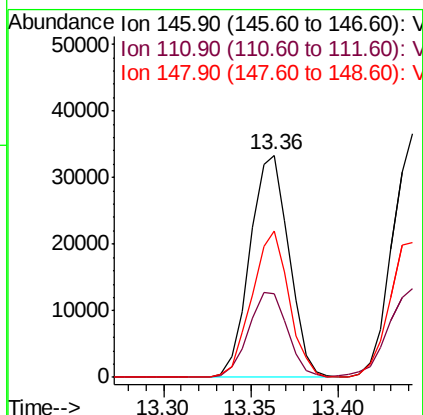
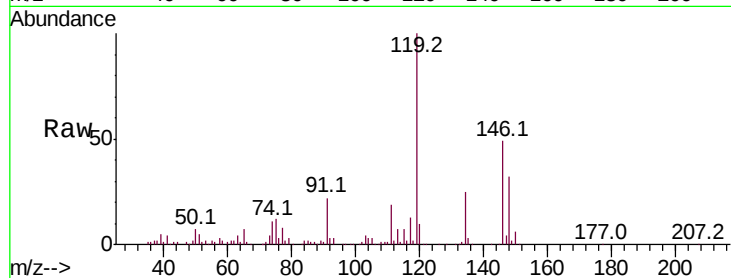




#87
 1,3-Dichlorobenzene
 Concen: 10.498 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VY000143.D
 Acq: 26 Sep 2019 10:49

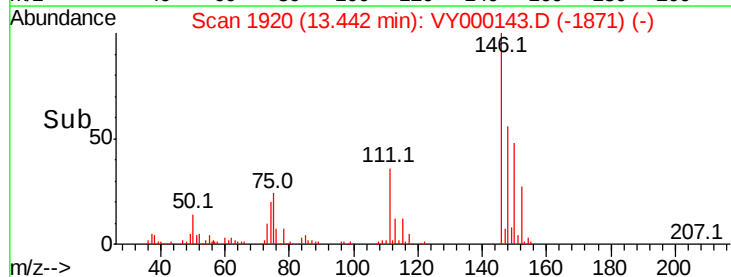
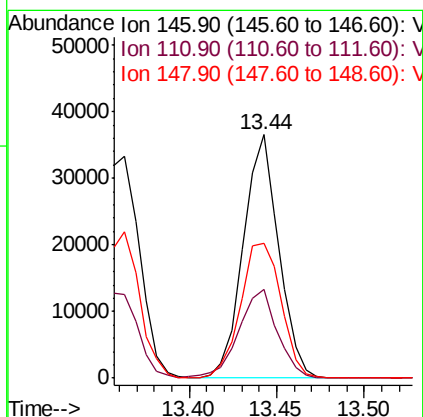
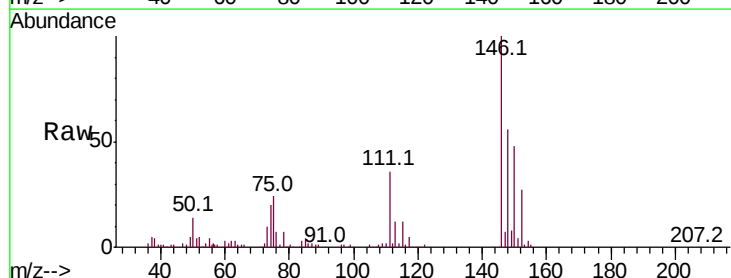
Instrument :
 MSVOA_Y
 ClientSampleId :

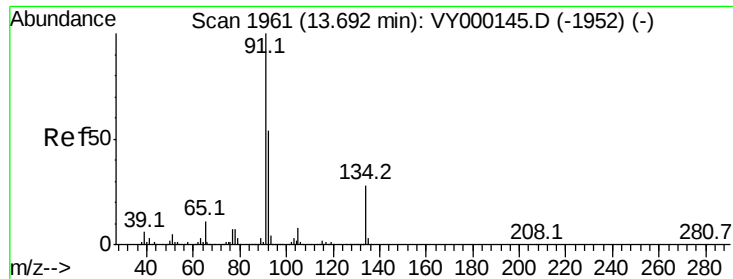
Tot Ion:146 Resp: 51609
 Ion Ratio Lower Upper
 146 100
 111 38.3 19.0 57.0
 148 62.8 31.6 94.8



#88
 1,4-Dichlorobenzene
 Concen: 10.537 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. 0.00 min
 Lab File: VY000143.D
 Acq: 26 Sep 2019 10:49

Tgt Ion:146 Resp: 51561
 Ion Ratio Lower Upper
 146 100
 111 39.6 18.3 54.9
 148 63.6 31.9 95.7

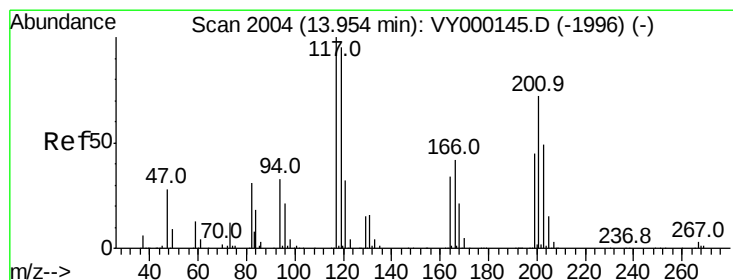
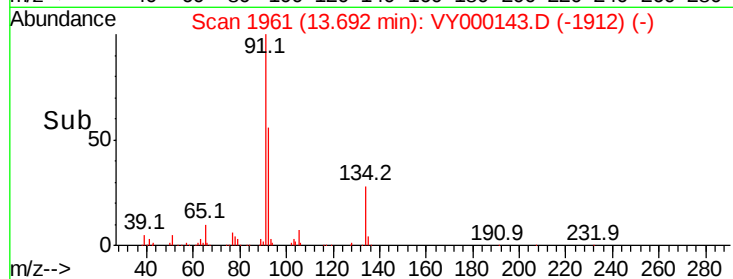
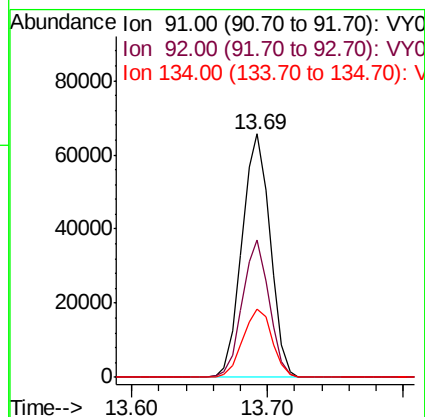
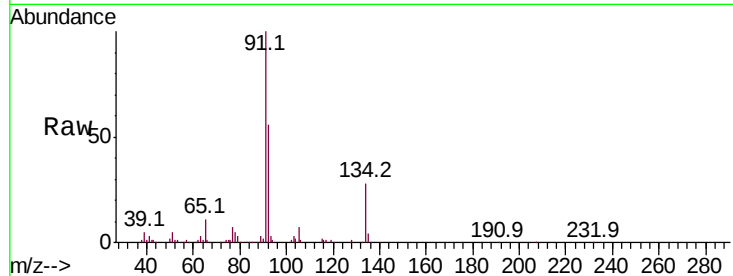




#89
n-Butylbenzene
Concen: 10.518 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. 0.00 min
Lab File: VY000143.D
Acq: 26 Sep 2019 10:49

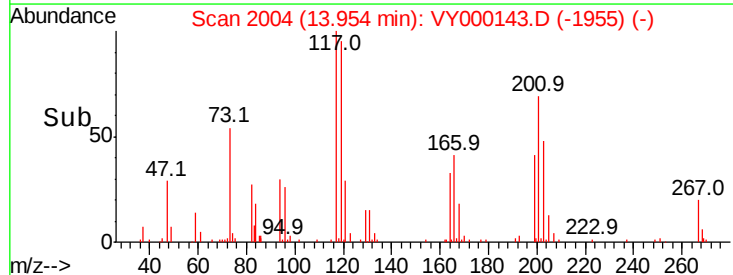
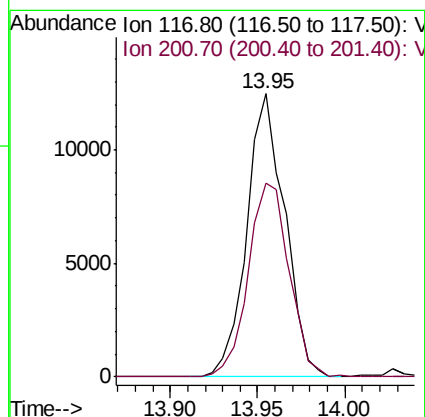
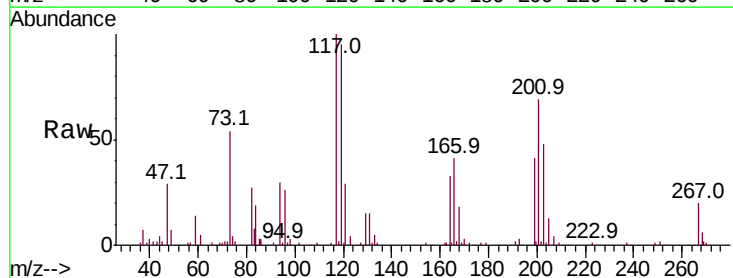
Instrument :
MSVOA_Y
ClientSampled :

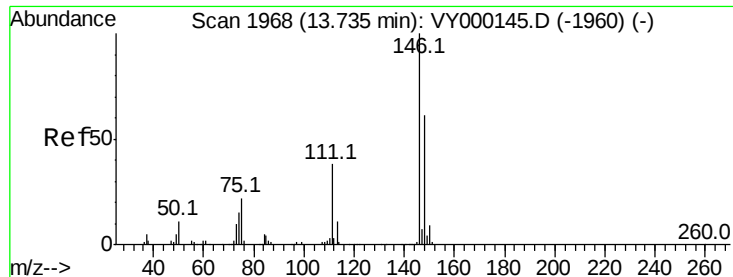
Tot Ion: 91 Resp: 95079
Ion Ratio Lower Upper
91 100
92 53.3 26.8 80.4
134 29.4 14.4 43.2



#90
Hexachloroethane
Concen: 10.452 ug/l
RT: 13.95 min Scan# 2004
Delta R.T. 0.00 min
Lab File: VY000143.D
Acq: 26 Sep 2019 10:49

Tgt Ion: 117 Resp: 18783
Ion Ratio Lower Upper
117 100
201 73.8 38.6 115.8





#91

1,2-Dichlorobenzene

Concen: 10.448 ug/l

RT: 13.73 min Scan# 1968

Delta R.T. 0.00 min

Lab File: VY000143.D

Acq: 26 Sep 2019 10:49

Instrument :

MSVOA_Y

ClientSampleId :

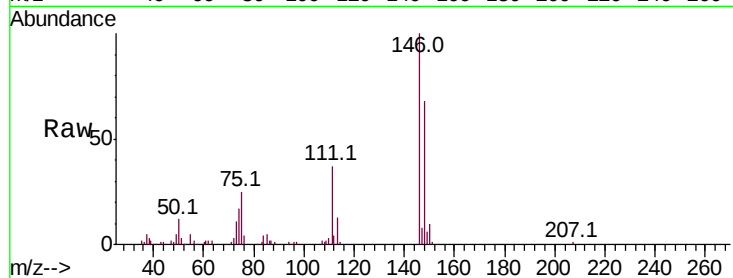
Tot Ion:146 Resp: 46930

Ion Ratio Lower Upper

146 100

111 38.9 19.2 57.6

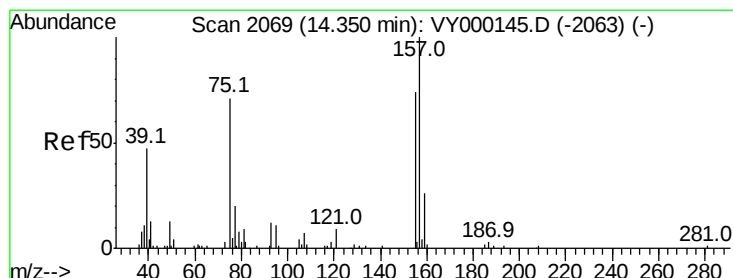
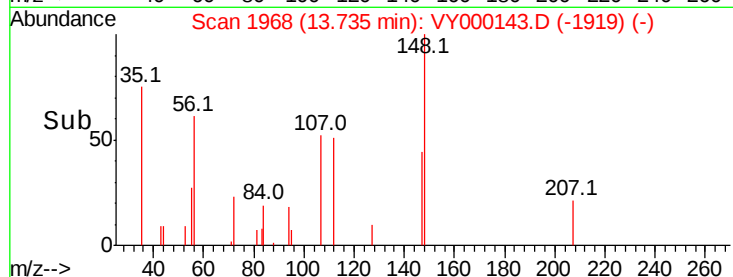
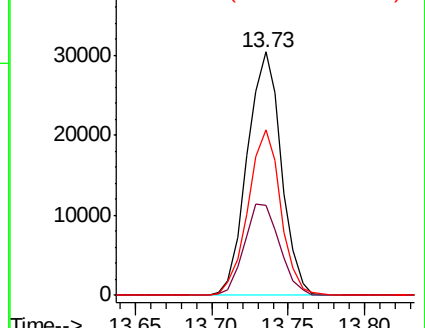
148 65.6 31.9 95.7



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: 9.575 ug/l

RT: 14.36 min Scan# 2070

Delta R.T. 0.01 min

Lab File: VY000143.D

Acq: 26 Sep 2019 10:49

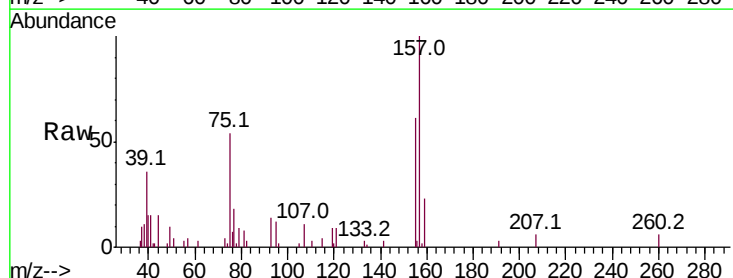
Tgt Ion: 75 Resp: 3054

Ion Ratio Lower Upper

75 100

155 118.8 51.3 153.9

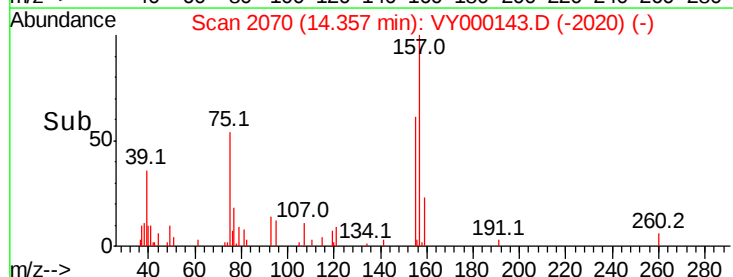
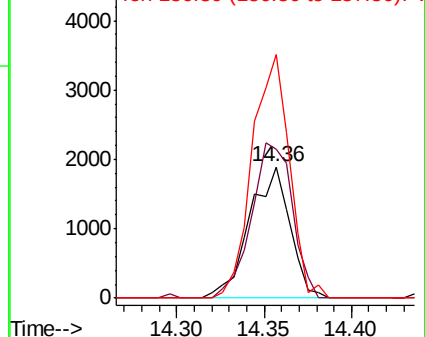
157 169.6 67.3 201.8

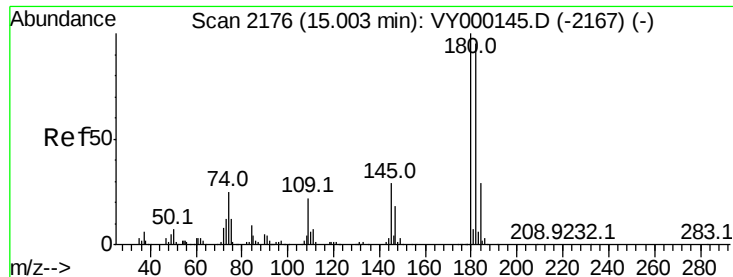


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

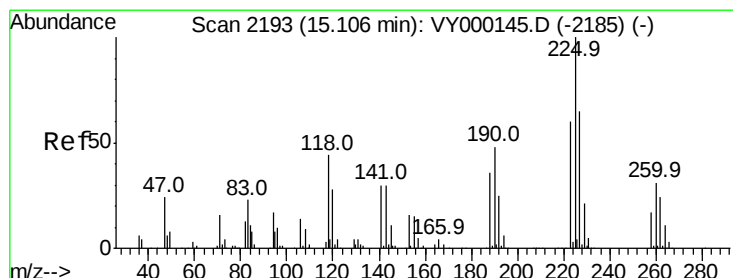
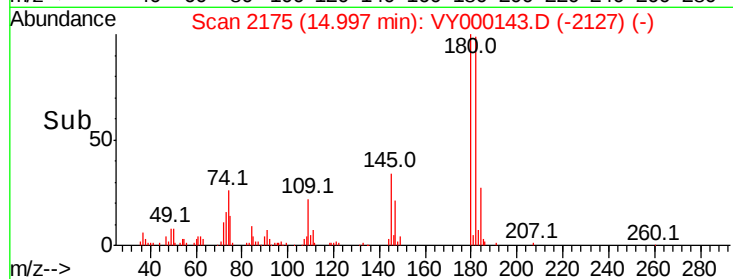
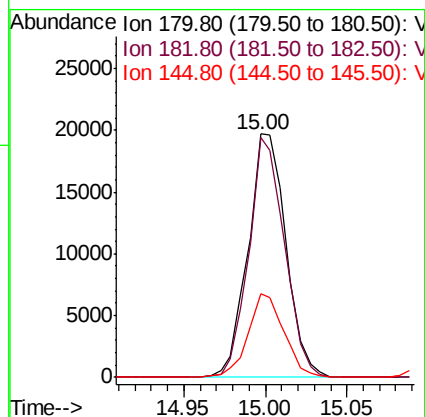
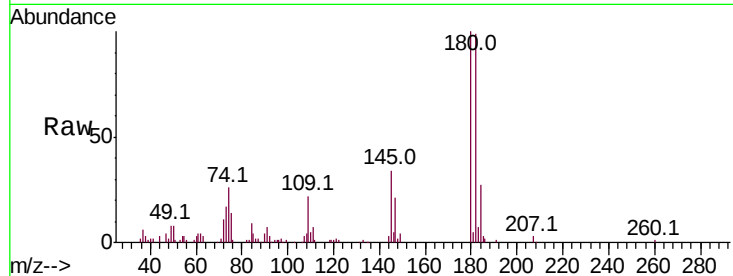




#93
 1,2,4-Trichlorobenzene
 Concen: 10.246 ug/l
 RT: 15.00 min Scan# 2175
 Delta R.T. -0.01 min
 Lab File: VY000143.D
 Acq: 26 Sep 2019 10:49

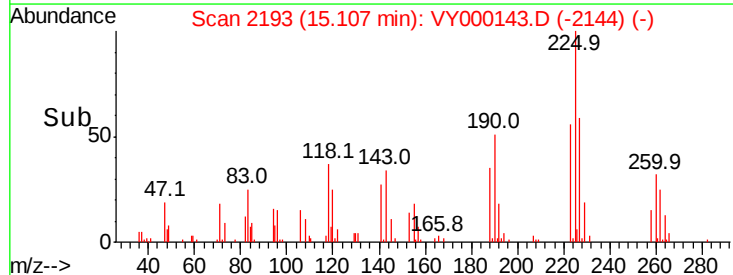
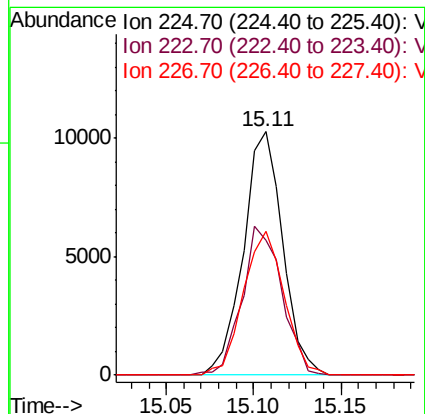
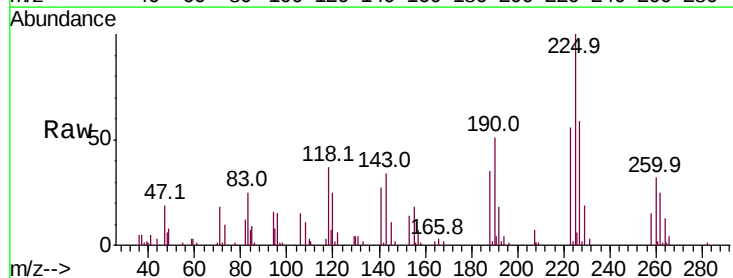
Instrument :
 MSVOA_Y
 ClientSampled :

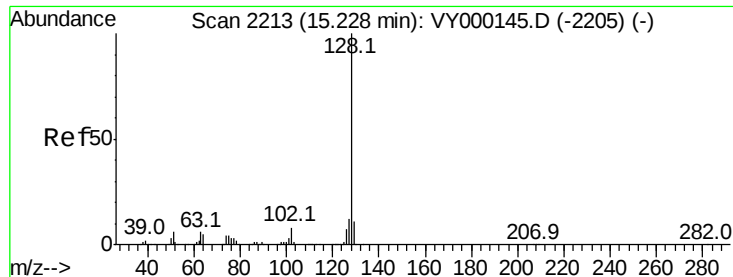
Tot Ion	Ratio	Lower	Upper
180	100		
182	92.8	47.0	141.2
145	32.4	14.6	44.0



#94
 Hexachlorobutadiene
 Concen: 10.552 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. 0.00 min
 Lab File: VY000143.D
 Acq: 26 Sep 2019 10:49

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.0	31.5	94.5
227	61.4	32.4	97.0

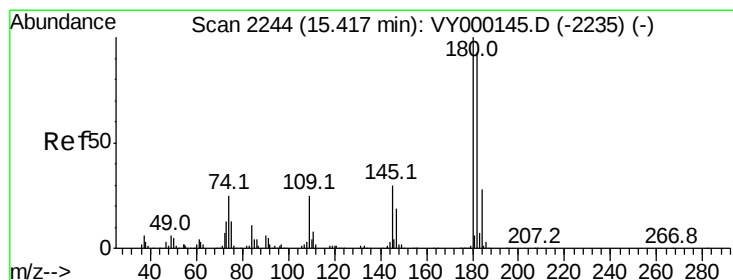
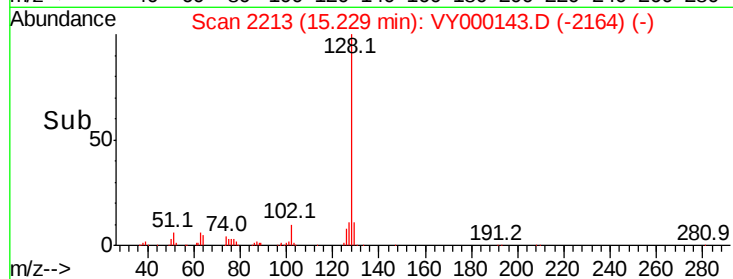
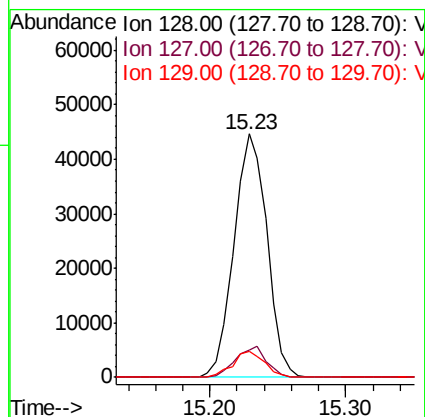
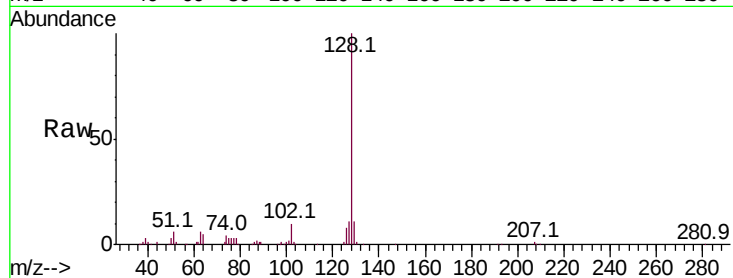




#95
Naphthalene
Concen: 10.784 ug/l
RT: 15.23 min Scan# 2213
Delta R.T. 0.00 min
Lab File: VY000143.D
Acq: 26 Sep 2019 10:49

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:128 Resp: 75251
Ion Ratio Lower Upper
128 100
127 12.0 9.5 14.3
129 10.3 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 10.703 ug/l
RT: 15.42 min Scan# 2244
Delta R.T. 0.00 min
Lab File: VY000143.D
Acq: 26 Sep 2019 10:49

Tgt Ion:180 Resp: 29915
Ion Ratio Lower Upper
180 100
182 94.5 46.6 139.7
145 32.5 15.4 46.4

