

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY122419\
 Data File : VY001039.D
 Acq On : 24 Dec 2019 11:58
 Operator : SY/MD
 Sample : VY1224SBS01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1224SBS01

Quant Time: Dec 25 01:35:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y122319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 23 12:07:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	323451	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	566322	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	499790	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	230247	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	161141	50.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.02%	
35) Dibromofluoromethane	7.73	113	162972	48.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.74%	
50) Toluene-d8	10.18	98	685933	52.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.26%	
62) 4-Bromofluorobenzene	12.48	95	224111	47.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.06%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.90	85	61940	21.976	ug/l	99
3) Chloromethane	2.12	50	81031	21.124	ug/l	99
4) Vinyl Chloride	2.25	62	78766	21.144	ug/l	98
5) Bromomethane	2.63	94	51366	20.906	ug/l	92
6) Chloroethane	2.79	64	49997	21.548	ug/l	93
7) Trichlorofluoromethane	3.13	101	113992	20.863	ug/l	97
8) Diethyl Ether	3.54	74	46336	20.775	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.90	101	74445	20.742	ug/l	96
10) Methyl Iodide	4.09	142	97971	19.756	ug/l	100
11) Tert butyl alcohol	4.96	59	35455	101.079	ug/l	96
12) 1,1-Dichloroethene	3.88	96	76760	21.124	ug/l	96
13) Acrolein	3.74	56	42591	97.999	ug/l	99
14) Allyl chloride	4.49	41	116521	20.642	ug/l	99
15) Acrylonitrile	5.18	53	115045	103.208	ug/l	99
16) Acetone	3.95	43	78257	106.484	ug/l	89
17) Carbon Disulfide	4.19	76	244841	20.620	ug/l	96
18) Methyl Acetate	4.49	43	58470	20.737	ug/l	97
19) Methyl tert-butyl Ether	5.23	73	192791	20.556	ug/l	99
20) Methylene Chloride	4.72	84	96118	22.220	ug/l	94
21) trans-1,2-Dichloroethene	5.22	96	87206	21.655	ug/l	97
22) Diisopropyl ether	6.13	45	238655	20.916	ug/l	96
23) Vinyl Acetate	6.07	43	758057	105.200	ug/l	100
24) 1,1-Dichloroethane	6.03	63	141163	20.936	ug/l	98
25) 2-Butanone	7.00	43	134759	104.378	ug/l	97
26) 2,2-Dichloropropane	6.99	77	116670	21.061	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	93393	21.109	ug/l	98
28) Bromochloromethane	7.35	49	50479	19.187	ug/l	97
29) Tetrahydrofuran	7.36	42	92868	101.123	ug/l	99
30) Chloroform	7.52	83	132756	20.822	ug/l	99
31) Cyclohexane	7.79	56	146379	20.645	ug/l	96
32) 1,1,1-Trichloroethane	7.71	97	111602	20.519	ug/l	99
36) 1,1-Dichloropropene	7.93	75	115075	21.300	ug/l	99
37) Ethyl Acetate	7.09	43	58978	19.715	ug/l	97
38) Carbon Tetrachloride	7.91	117	98565	20.823	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	153778	21.434	ug/l	97
40) Benzene	8.17	78	340703	20.903	ug/l	95
41) Methacrylonitrile	7.36	41	80294	61.909	ug/l #	100
42) 1,2-Dichloroethane	8.25	62	81297	20.862	ug/l	100
43) Isopropyl Acetate	8.28	43	109973	19.859	ug/l	98
44) Trichloroethene	8.94	130	89559	20.854	ug/l	97
45) 1,2-Dichloropropane	9.22	63	84235	20.601	ug/l	100
46) Dibromomethane	9.31	93	43516	20.645	ug/l	99
47) Bromodichloromethane	9.50	83	98949	20.267	ug/l	99
48) Methyl methacrylate	9.30	41	47698	20.184	ug/l	94
49) 1,4-Dioxane	9.30	88	13537	439.038	ug/l	96
51) 4-Methyl-2-Pentanone	10.07	43	296407	102.692	ug/l	100
52) Toluene	10.24	92	211307	21.063	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	108478	20.472	ug/l	97
54) cis-1,3-Dichloropropene	9.93	75	132641	20.818	ug/l	98
55) 1,1,2-Trichloroethane	10.64	97	67545	21.465	ug/l	96
56) Ethyl methacrylate	10.51	69	90942	20.307	ug/l	99
57) 1,3-Dichloropropane	10.79	76	116054	21.041	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	171834	99.340	ug/l	98
59) 2-Hexanone	10.83	43	203473	101.879	ug/l	100
60) Dibromochloromethane	10.98	129	69997	20.825	ug/l	96
61) 1,2-Dibromoethane	11.09	107	62962	20.924	ug/l	98
64) Tetrachloroethene	10.72	164	95532	22.092	ug/l	98
65) Chlorobenzene	11.52	112	215543	20.791	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	73668	21.533	ug/l	98
67) Ethyl Benzene	11.59	91	399987	21.450	ug/l	99
68) m/p-Xylenes	11.70	106	300512	42.444	ug/l	99
69) o-Xylene	12.02	106	142285	21.361	ug/l	99
70) Styrene	12.04	104	240706	21.253	ug/l	99
71) Bromoform	12.20	173	40771	21.402	ug/l #	100
73) Isopropylbenzene	12.33	105	380263	21.342	ug/l	99
74) N-amyl acetate	12.14	43	94557	20.201	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	71825	20.463	ug/l	98
76) 1,2,3-Trichloropropane	12.63	75	98273	34.622	ug/l #	100
77) Bromobenzene	12.61	156	84159	21.002	ug/l	99
78) n-propylbenzene	12.67	91	457157	21.057	ug/l	99
79) 2-Chlorotoluene	12.75	91	255008	21.269	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	312073	21.368	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	27352	20.552	ug/l	97
82) 4-Chlorotoluene	12.85	91	264856	21.268	ug/l	98
83) tert-Butylbenzene	13.07	119	259349	21.154	ug/l	100
84) 1,2,4-Trimethylbenzene	13.11	105	310698	21.170	ug/l	99
85) sec-Butylbenzene	13.25	105	385560	21.332	ug/l	100
86) p-Isopropyltoluene	13.36	119	338826	21.665	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	165215	21.467	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	162436	20.922	ug/l	98
89) n-Butylbenzene	13.69	91	342343	21.757	ug/l	99
90) Hexachloroethane	13.95	117	61004	20.704	ug/l	98
91) 1,2-Dichlorobenzene	13.73	146	151328	21.316	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.35	75	11891	20.248	ug/l	98

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Quant Title : SW846 8260
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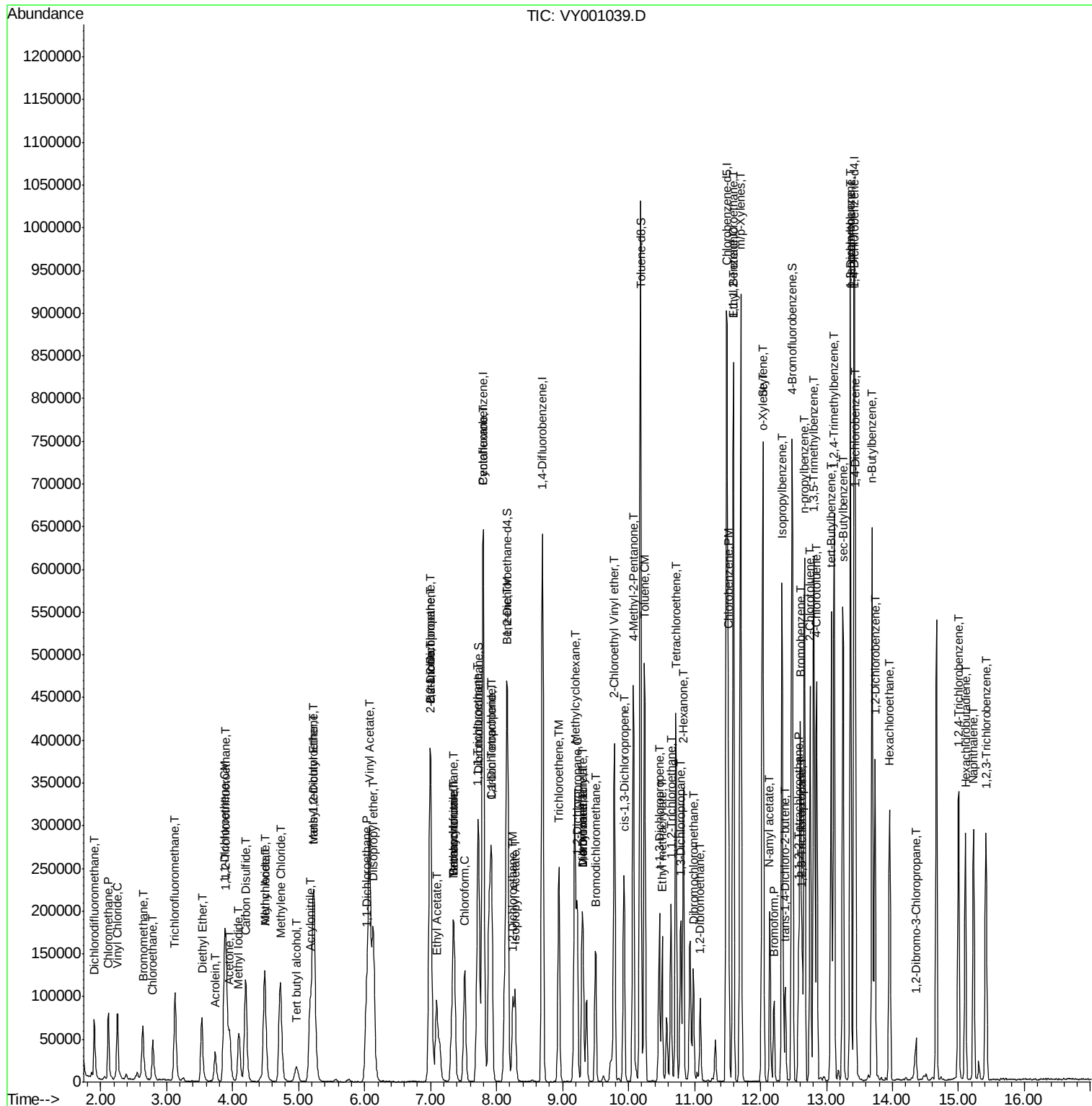
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	101538	21.189	ug/l	99
94) Hexachlorobutadiene	15.11	225	50292	22.055	ug/l	100
95) Naphthalene	15.23	128	233594	20.728	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	90433	21.162	ug/l	99

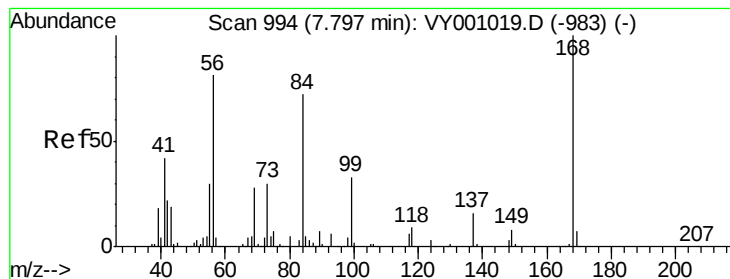
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_Y\DATA\VY122419\
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Acq On : 24 Dec 2019 11:58
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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY001039.D

Acq: 24 Dec 2019 11:58

Instrument :

MSVOA_Y

ClientSampleId :

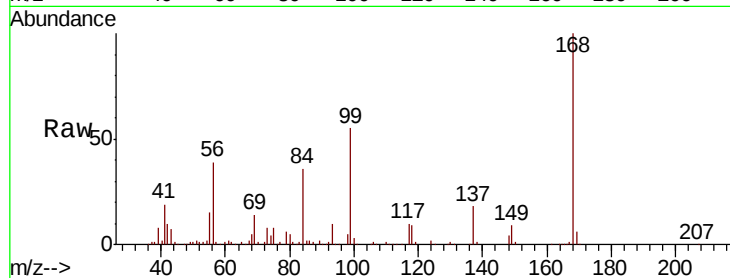
VY1224SBS01

Tgt Ion: 168 Resp: 323451

Ion Ratio Lower Upper

168 100

99 55.1 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): VY001019.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY001019.D (-983) (-)

7.80

150000

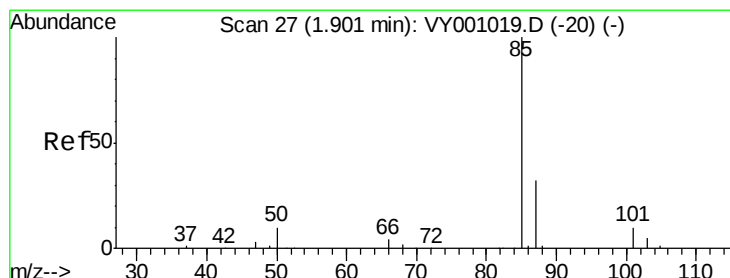
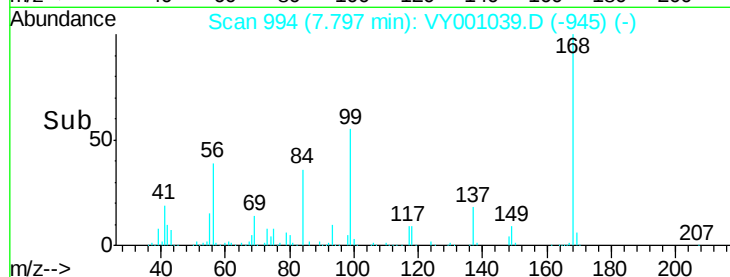
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 21.976 ug/l

RT: 1.90 min Scan# 27

Delta R.T. 0.00 min

Lab File: VY001039.D

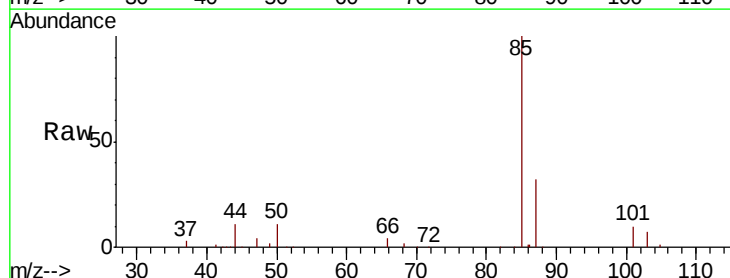
Acq: 24 Dec 2019 11:58

Tgt Ion: 85 Resp: 61940

Ion Ratio Lower Upper

85 100

87 31.5 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VY001019.D (-20) (-)

Ion 86.90 (86.60 to 87.60): VY001019.D (-20) (-)

1.90

40000

30000

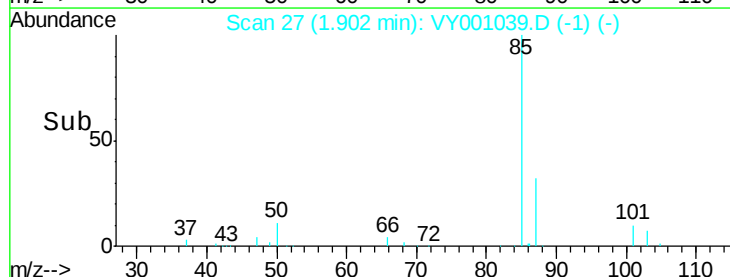
20000

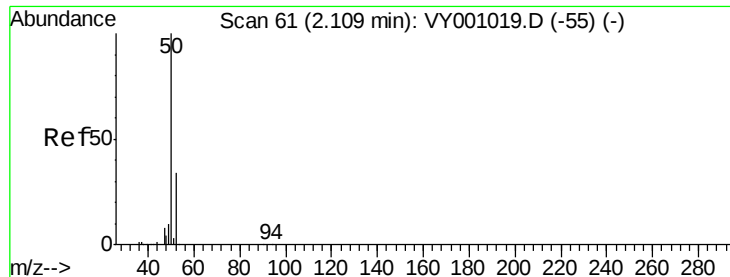
10000

0

1.85 1.90 1.95 2.00

Time-->





#3

Chloromethane

Concen: 21.124 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.01 min

Lab File: VY001039.D

Acq: 24 Dec 2019 11:58

Instrument :

MSVOA_Y

ClientSampleId :

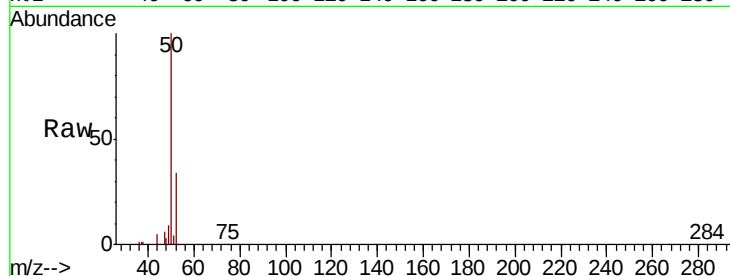
VY1224SBS01

Tgt Ion: 50 Resp: 81031

Ion Ratio Lower Upper

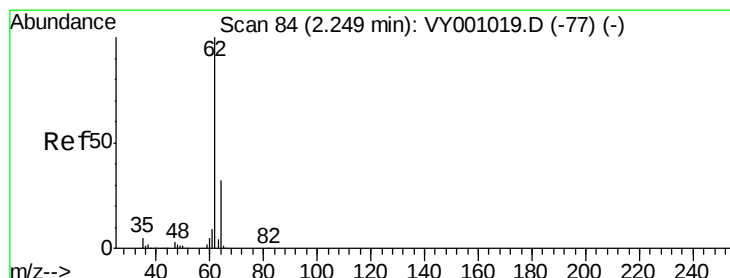
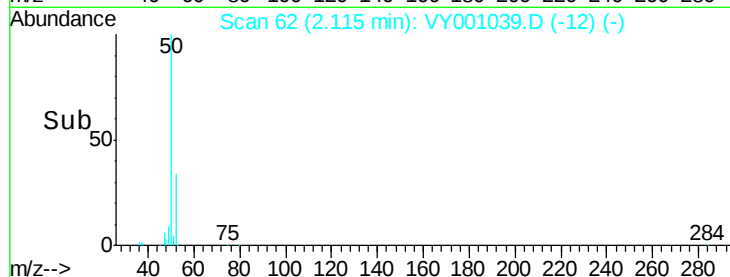
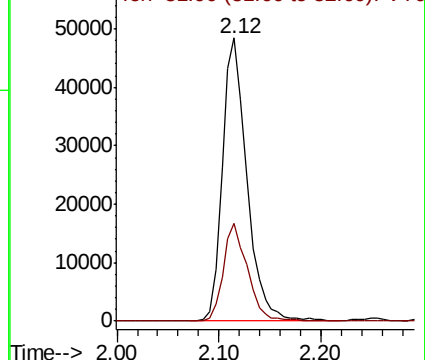
50 100

52 34.5 27.1 40.7



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 21.144 ug/l

RT: 2.25 min Scan# 84

Delta R.T. 0.00 min

Lab File: VY001039.D

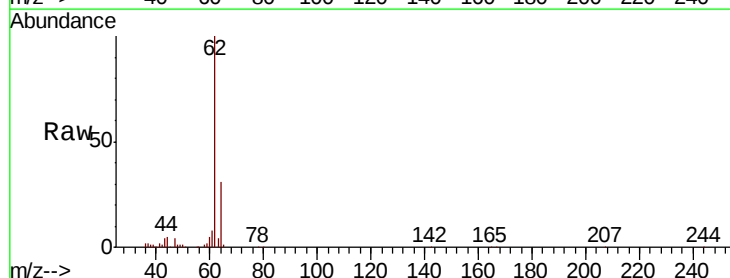
Acq: 24 Dec 2019 11:58

Tgt Ion: 62 Resp: 78766

Ion Ratio Lower Upper

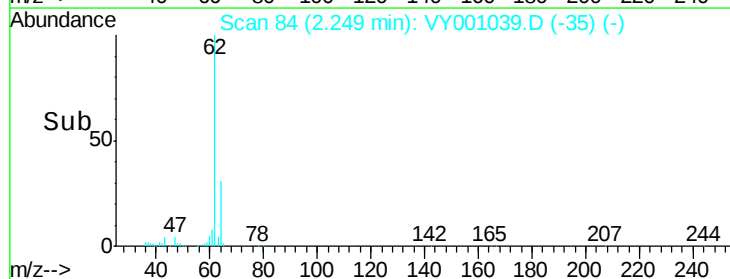
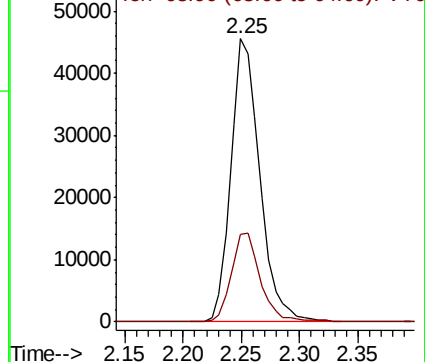
62 100

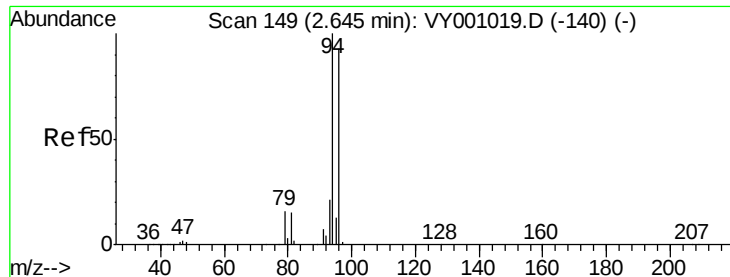
64 31.1 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 20.906 ug/l

RT: 2.63 min Scan# 147

Delta R.T. -0.01 min

Lab File: VY001039.D

Acq: 24 Dec 2019 11:58

Instrument :

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ClientSampleId :

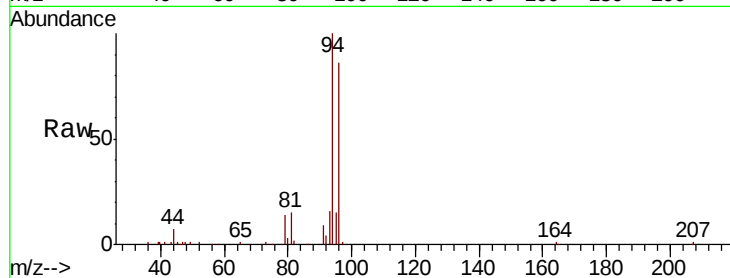
VY1224SBSD01

Tgt Ion: 94 Resp: 51366

Ion Ratio Lower Upper

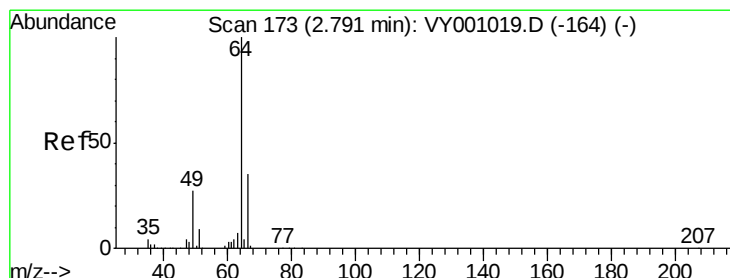
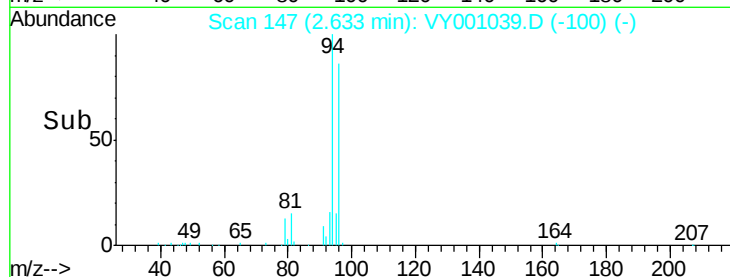
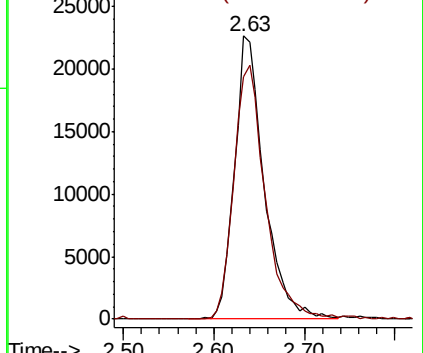
94 100

96 85.6 74.2 111.4



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 21.548 ug/l

RT: 2.79 min Scan# 172

Delta R.T. -0.01 min

Lab File: VY001039.D

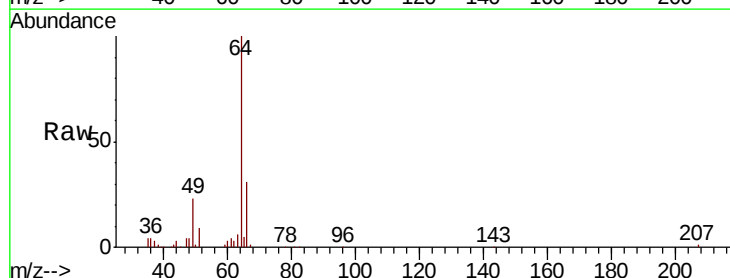
Acq: 24 Dec 2019 11:58

Tgt Ion: 64 Resp: 49997

Ion Ratio Lower Upper

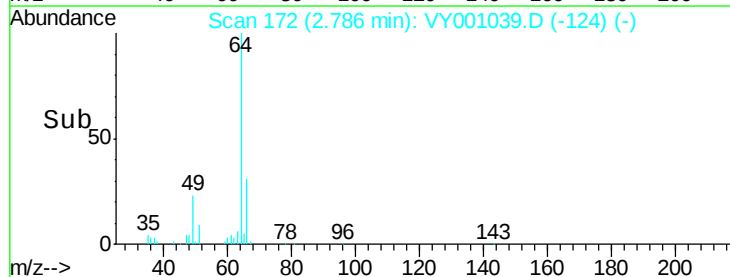
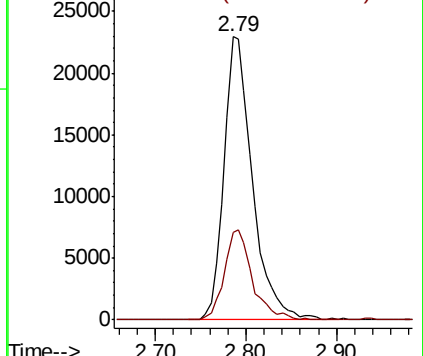
64 100

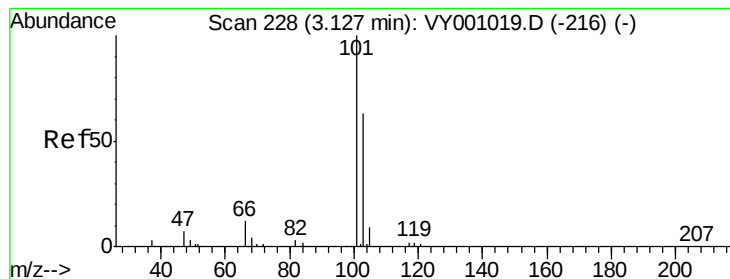
66 30.9 27.8 41.6



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



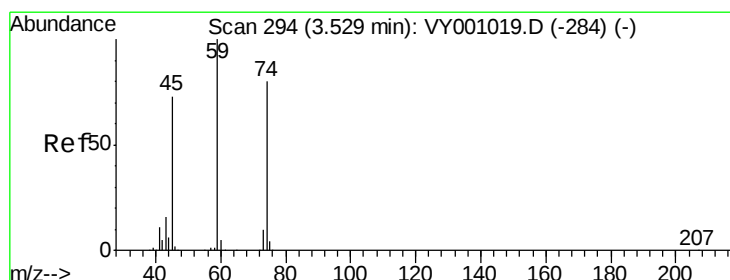
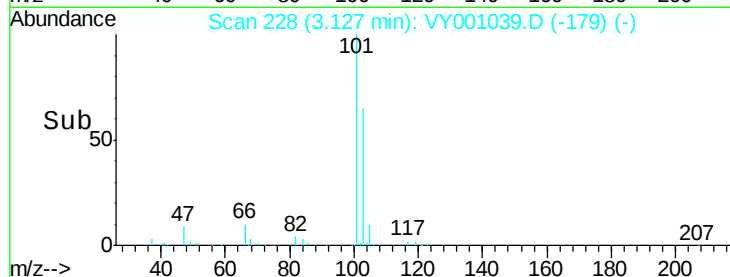
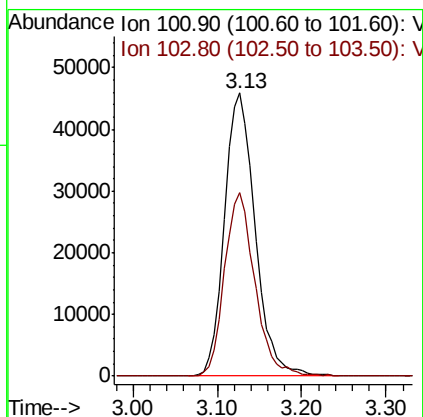
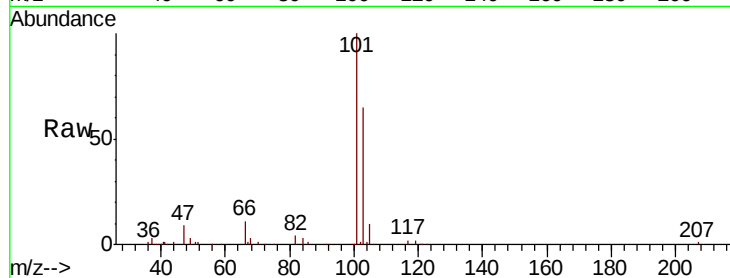


#7

Trichlorofluoromethane
 Concen: 20.863 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. 0.00 min
 Lab File: VY001039.D
 Acq: 24 Dec 2019 11:58

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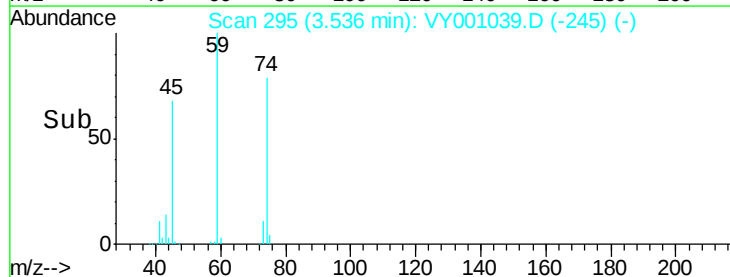
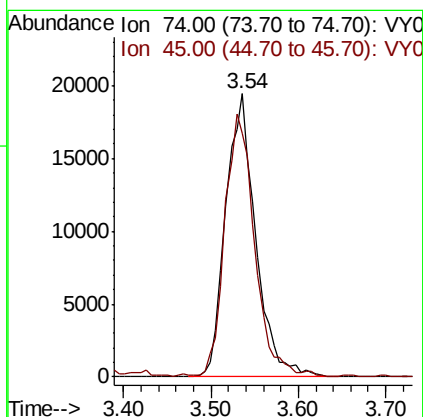
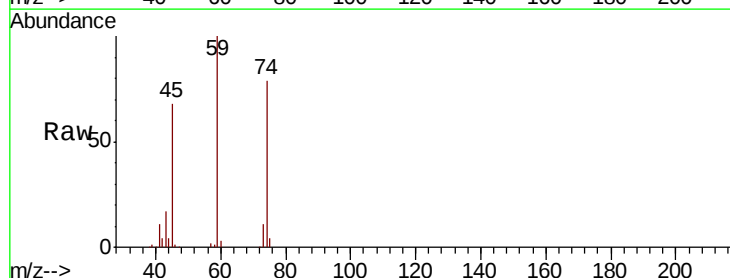
Tgt Ion:101 Resp: 113992
 Ion Ratio Lower Upper
 101 100
 103 65.0 50.2 75.2

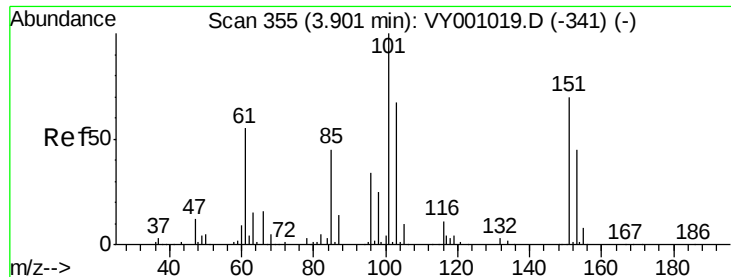


#8

Diethyl Ether
 Concen: 20.775 ug/l
 RT: 3.54 min Scan# 295
 Delta R.T. 0.01 min
 Lab File: VY001039.D
 Acq: 24 Dec 2019 11:58

Tgt Ion: 74 Resp: 46336
 Ion Ratio Lower Upper
 74 100
 45 90.5 46.4 139.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.742 ug/l

RT: 3.90 min Scan# 355

Delta R.T. 0.00 min

Lab File: VY001039.D

Acq: 24 Dec 2019 11:58

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VY1224SBS01

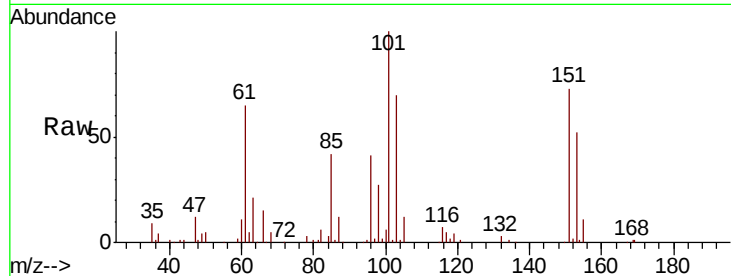
Tgt Ion:101 Resp: 74445

Ion Ratio Lower Upper

101 100

85 43.2 34.2 51.2

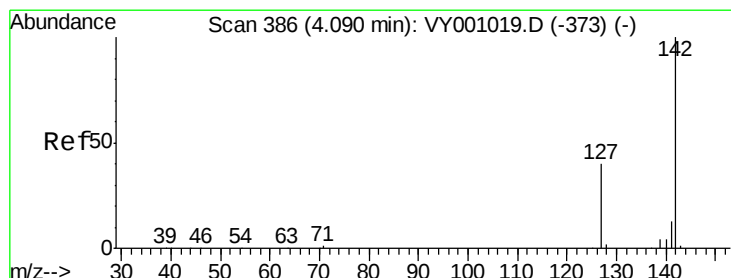
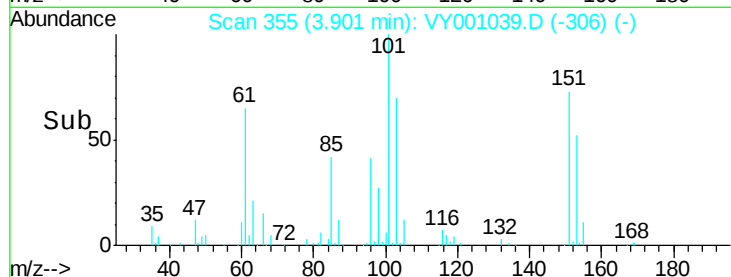
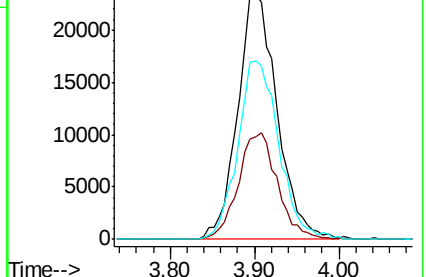
151 75.8 57.0 85.6



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: 19.756 ug/l

RT: 4.09 min Scan# 386

Delta R.T. 0.00 min

Lab File: VY001039.D

Acq: 24 Dec 2019 11:58

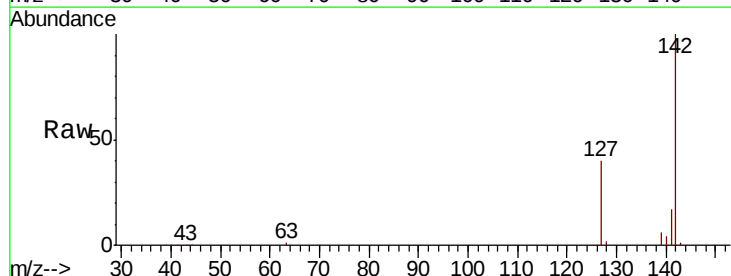
Tgt Ion:142 Resp: 97971

Ion Ratio Lower Upper

142 100

127 39.3 31.2 46.8

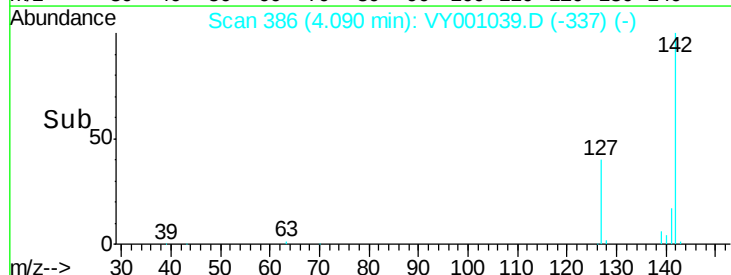
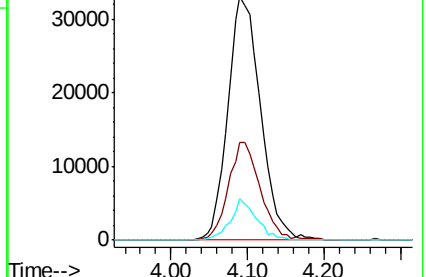
141 13.5 11.0 16.4

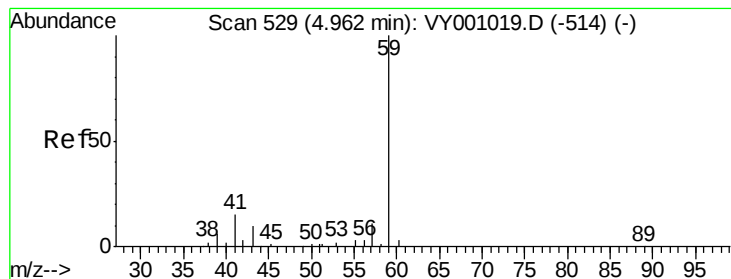


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



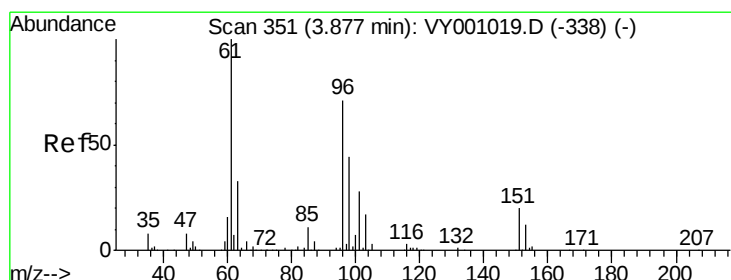
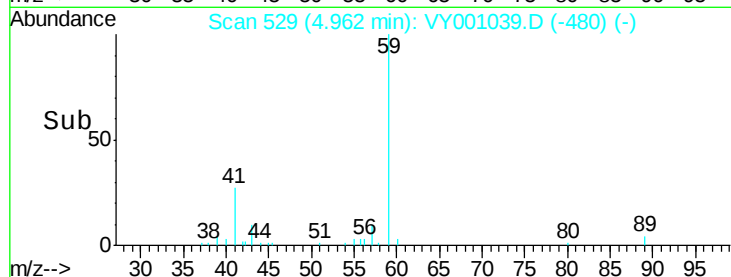
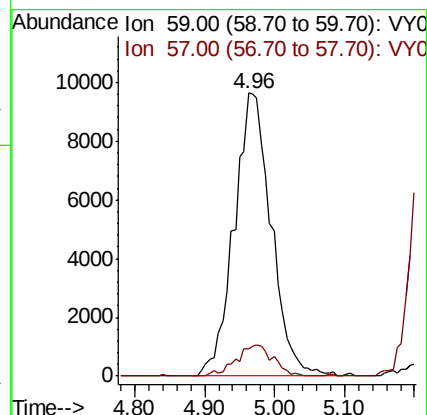
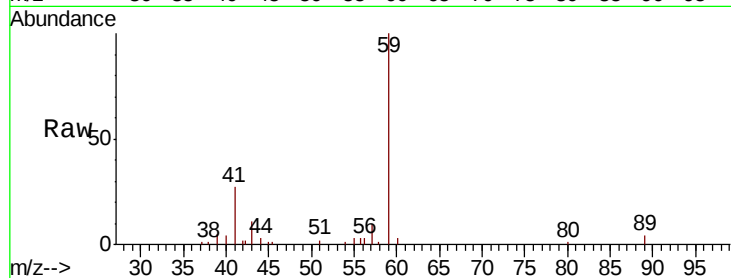


#11

Tert butyl alcohol
Concen: 101.079 ug/l
RT: 4.96 min Scan# 529
Delta R.T. 0.00 min
Lab File: VY001039.D
Acq: 24 Dec 2019 11:58

Instrument :
MSVOA_Y
ClientSampleId :
VY1224SBS01

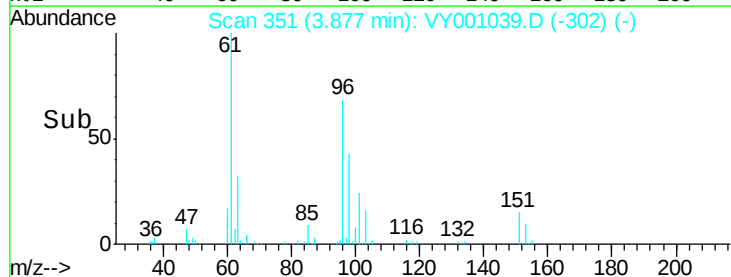
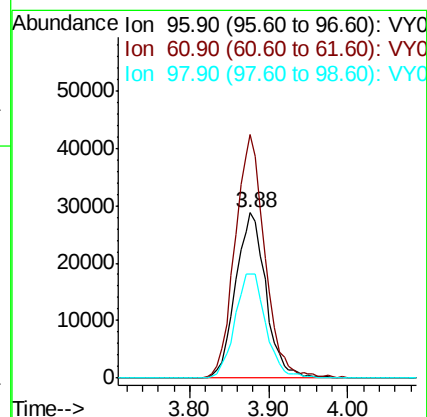
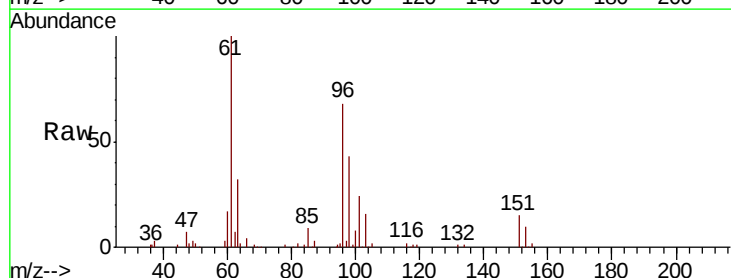
Tgt Ion: 59 Resp: 35455
Ion Ratio Lower Upper
59 100
57 11.0 7.8 11.6

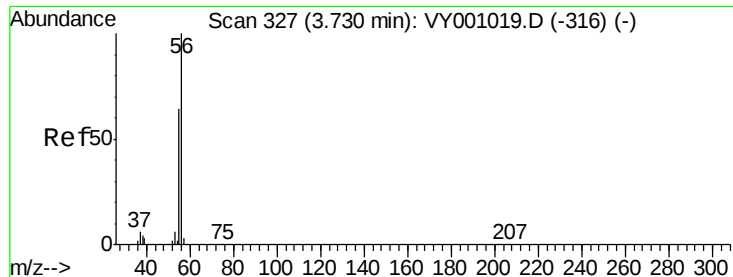


#12

1,1-Dichloroethene
Concen: 21.124 ug/l
RT: 3.88 min Scan# 351
Delta R.T. 0.00 min
Lab File: VY001039.D
Acq: 24 Dec 2019 11:58

Tgt Ion: 96 Resp: 76760
Ion Ratio Lower Upper
96 100
61 147.2 113.0 169.4
98 63.1 49.8 74.8





#13

Acrolein

Concen: 97.999 ug/l

RT: 3.74 min Scan# 328

Delta R.T. 0.01 min

Lab File: VY001039.D

Acq: 24 Dec 2019 11:58

Instrument :

MSVOA_Y

ClientSampleId :

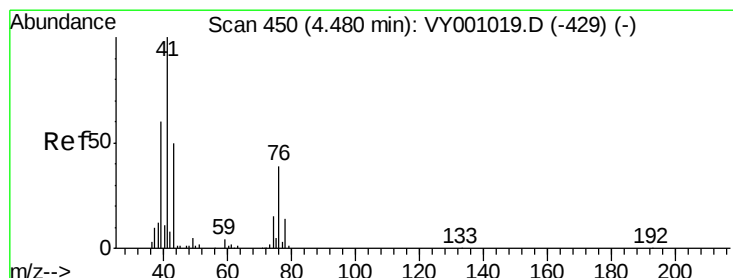
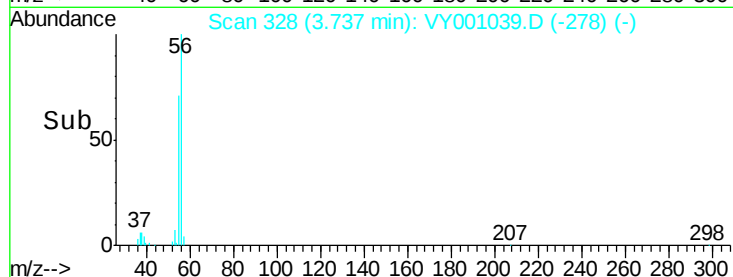
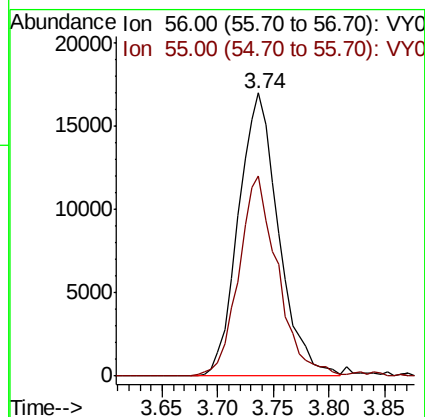
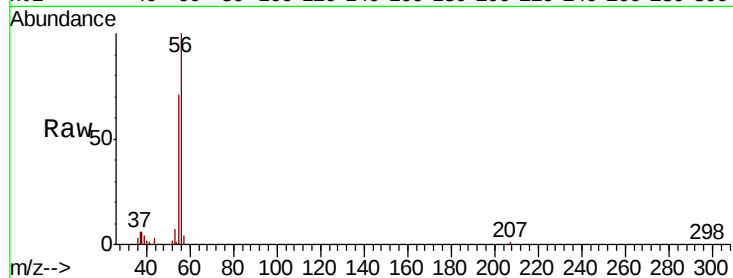
VY1224SBS01

Tgt Ion: 56 Resp: 42591

Ion Ratio Lower Upper

56 100

55 68.7 55.6 83.4



#14

Allyl chloride

Concen: 20.642 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.01 min

Lab File: VY001039.D

Acq: 24 Dec 2019 11:58

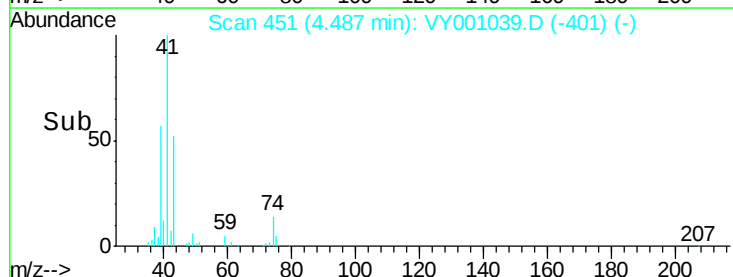
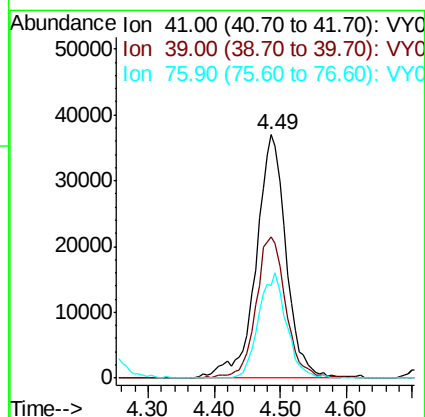
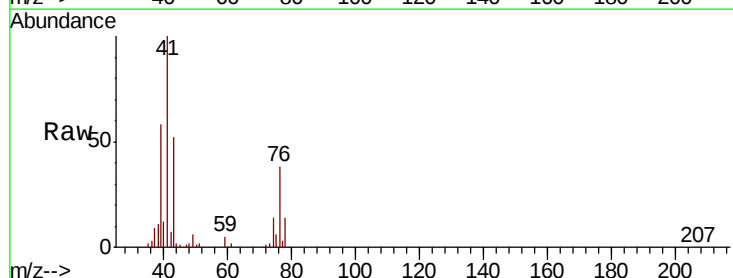
Tgt Ion: 41 Resp: 116521

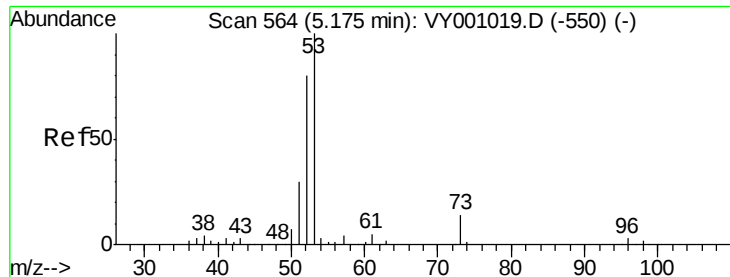
Ion Ratio Lower Upper

41 100

39 58.1 46.0 69.0

76 40.0 32.6 48.8

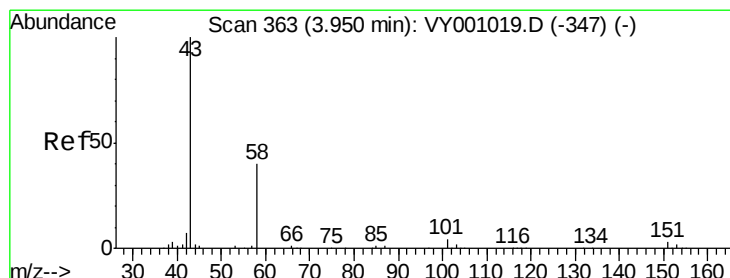
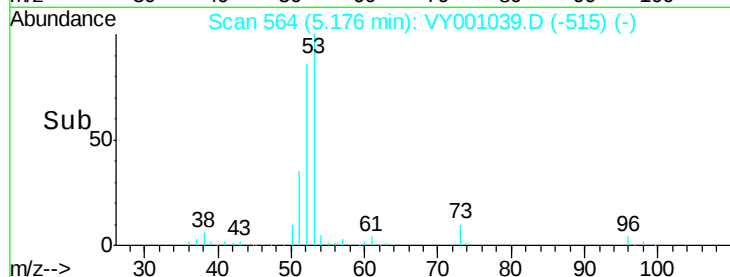
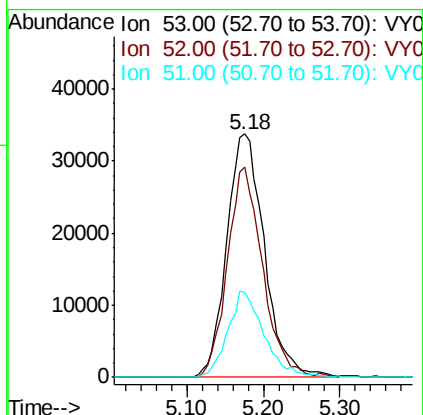
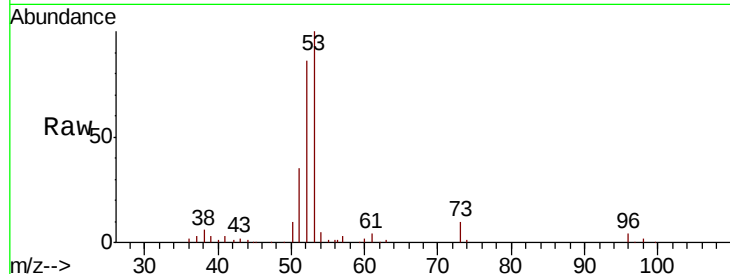




#15
 Acrylonitrile
 Concen: 103.208 ug/l
 RT: 5.18 min Scan# 564
 Delta R.T. 0.00 min
 Lab File: VY001039.D
 Acq: 24 Dec 2019 11:58

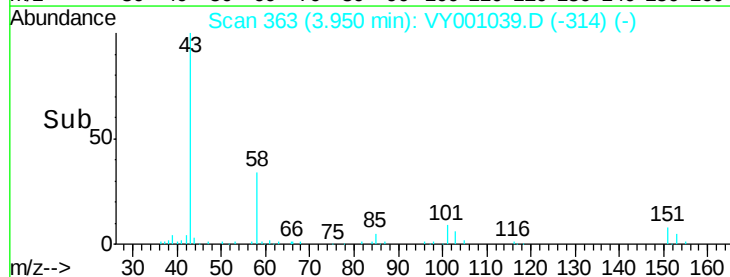
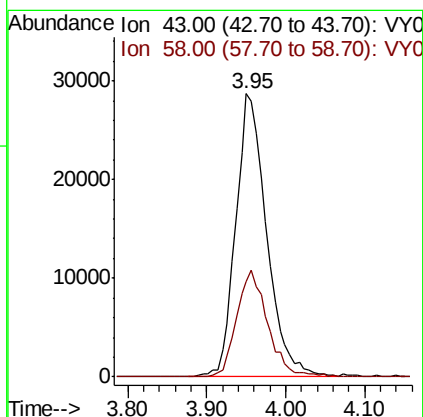
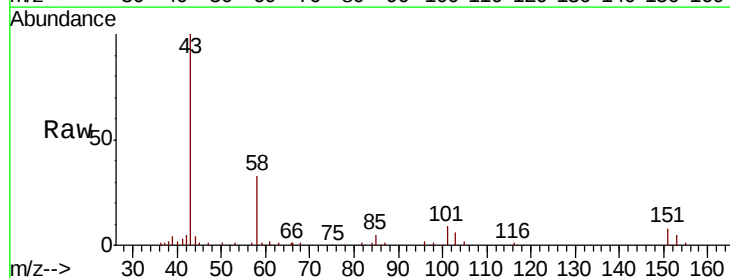
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1224SBS01

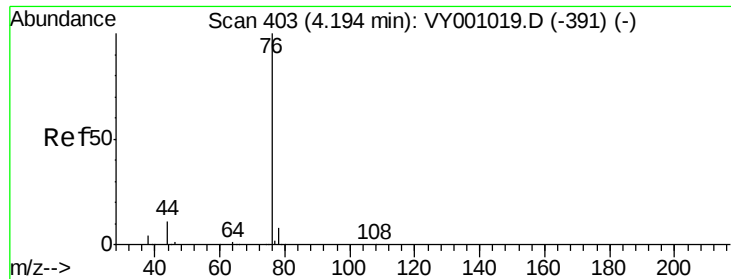
Tgt Ion: 53 Resp: 115045
 Ion Ratio Lower Upper
 53 100
 52 80.5 63.6 95.4
 51 34.1 26.7 40.1



#16
 Acetone
 Concen: 106.484 ug/l
 RT: 3.95 min Scan# 363
 Delta R.T. 0.00 min
 Lab File: VY001039.D
 Acq: 24 Dec 2019 11:58

Tgt Ion: 43 Resp: 78257
 Ion Ratio Lower Upper
 43 100
 58 33.4 32.1 48.1

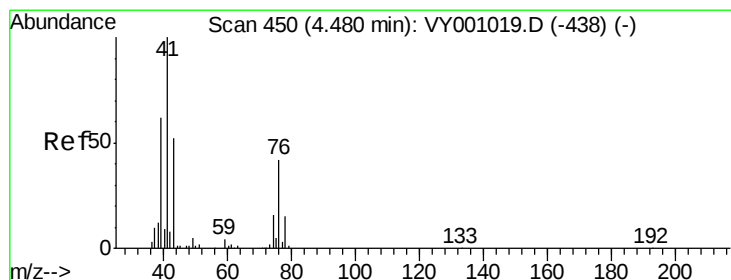
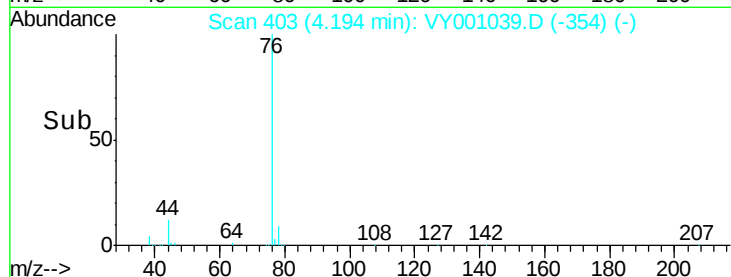
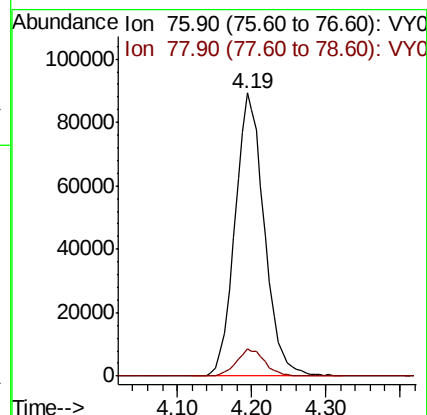
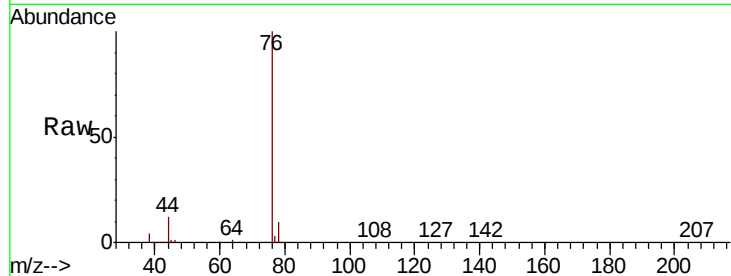




#17
Carbon Disulfide
Concen: 20.620 ug/l
RT: 4.19 min Scan# 403
Delta R.T. 0.00 min
Lab File: VY001039.D
Acq: 24 Dec 2019 11:58

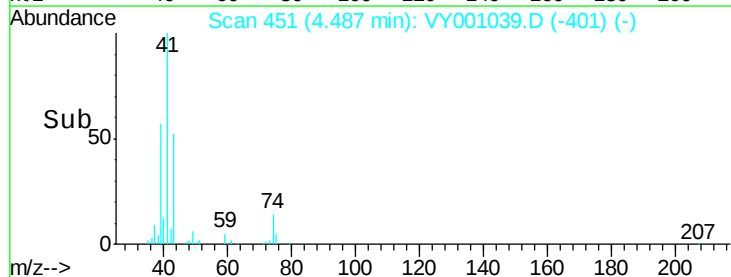
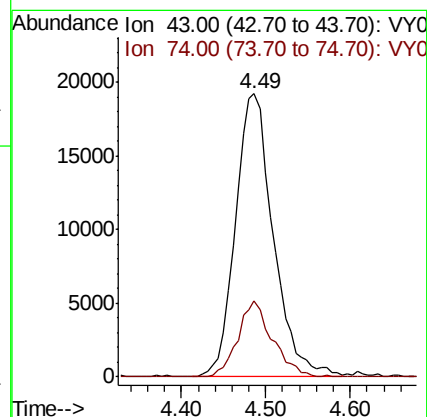
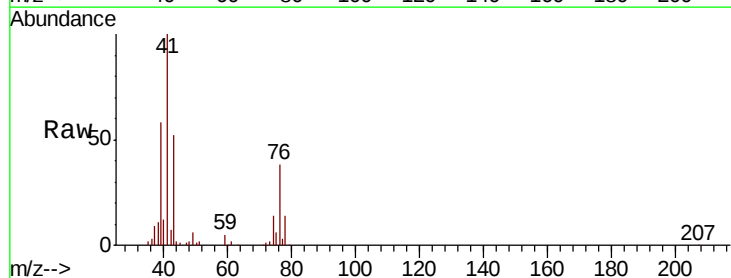
Instrument :
MSVOA_Y
ClientSampleId :
VY1224SBS01

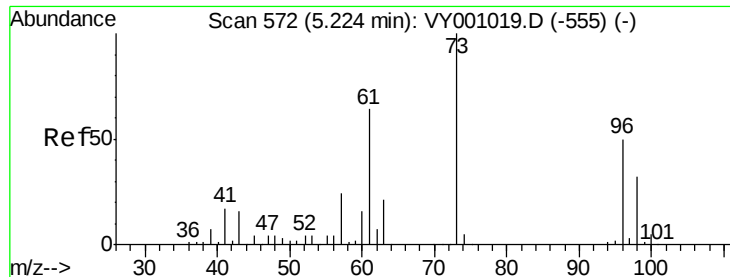
Tgt Ion: 76 Resp: 244841
Ion Ratio Lower Upper
76 100
78 9.7 6.7 10.1



#18
Methyl Acetate
Concen: 20.737 ug/l
RT: 4.49 min Scan# 451
Delta R.T. 0.01 min
Lab File: VY001039.D
Acq: 24 Dec 2019 11:58

Tgt Ion: 43 Resp: 58470
Ion Ratio Lower Upper
43 100
74 24.2 20.7 31.1

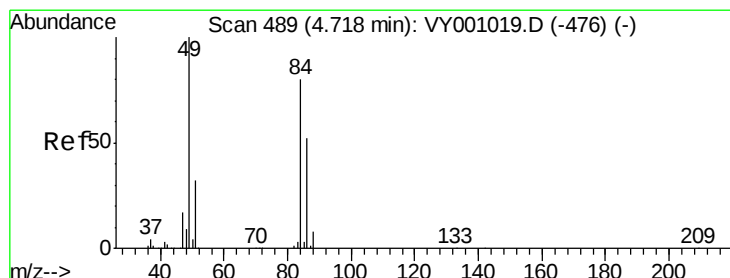
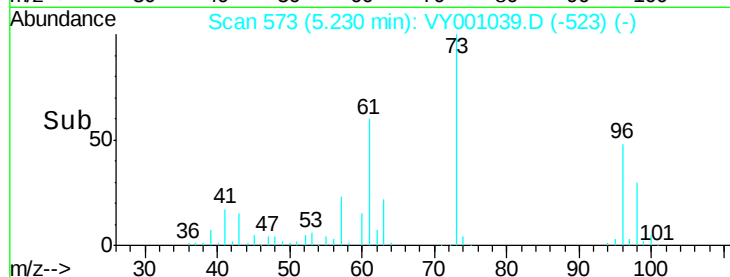
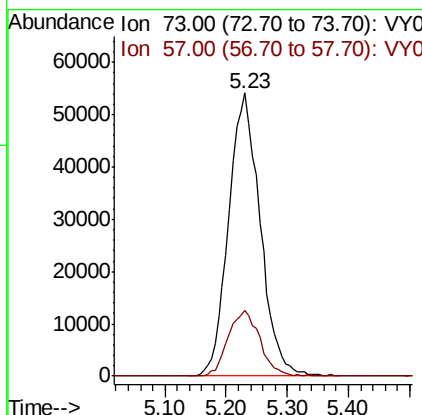
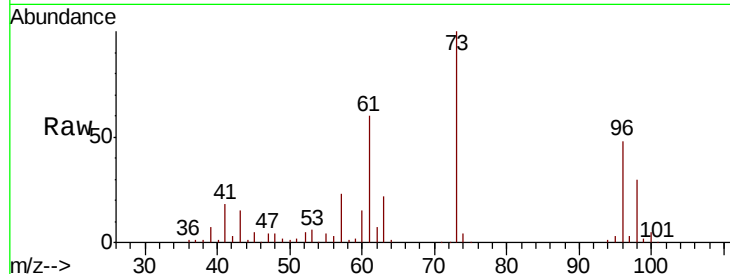




#19
Methyl tert-butyl Ether
Concen: 20.556 ug/l
RT: 5.23 min Scan# 573
Delta R.T. 0.01 min
Lab File: VY001039.D
Acq: 24 Dec 2019 11:58

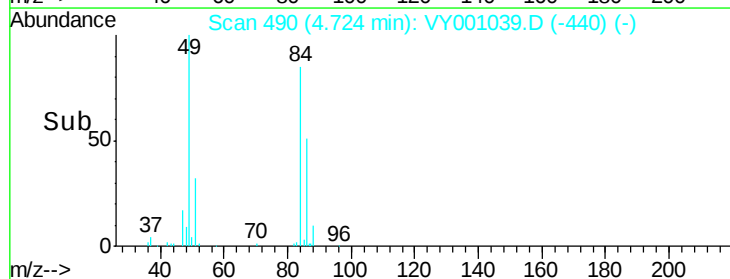
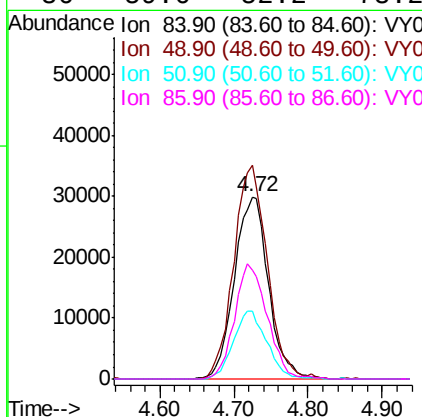
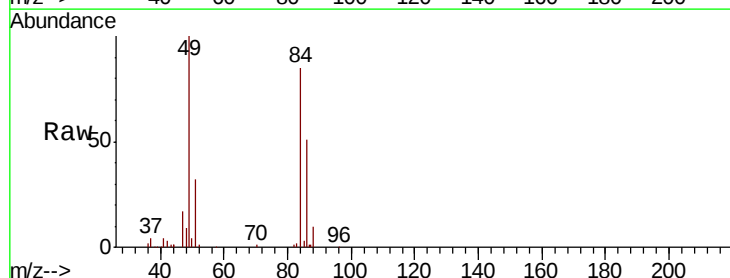
Instrument :
MSVOA_Y
ClientSampleId :
VY1224SBS01

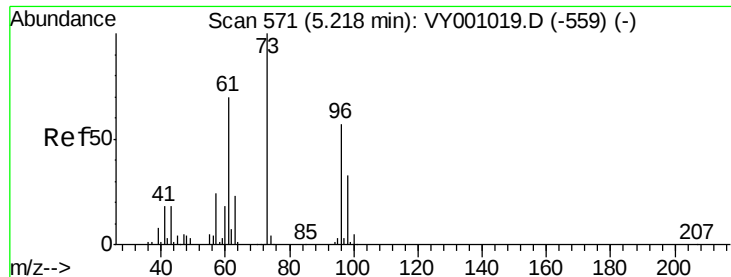
Tgt Ion: 73 Resp: 192791
Ion Ratio Lower Upper
73 100
57 23.1 19.0 28.6



#20
Methylene Chloride
Concen: 22.220 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.01 min
Lab File: VY001039.D
Acq: 24 Dec 2019 11:58

Tgt Ion: 84 Resp: 96118
Ion Ratio Lower Upper
84 100
49 117.2 99.8 149.6
51 37.4 31.4 47.2
86 59.6 52.2 78.2





#21

trans-1,2-Dichloroethene

Concen: 21.655 ug/l

RT: 5.22 min Scan# 572

Delta R.T. 0.01 min

Lab File: VY001039.D

Acq: 24 Dec 2019 11:58

Instrument :

MSVOA_Y

ClientSampleId :

VY1224SBS01

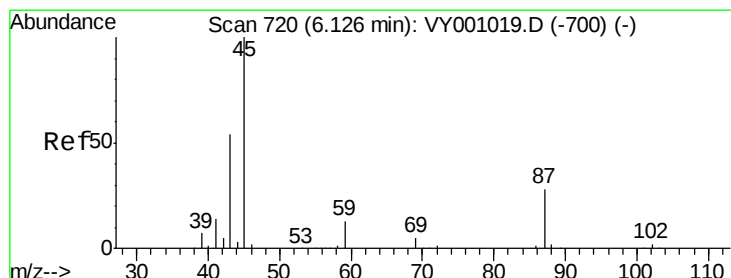
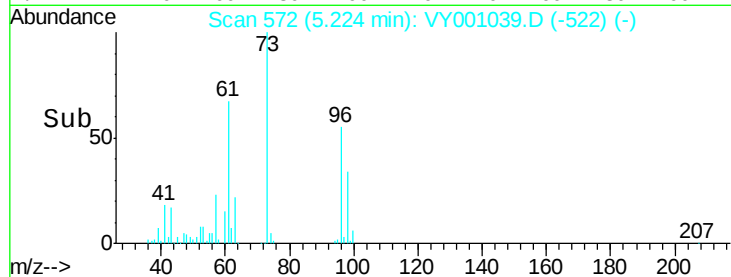
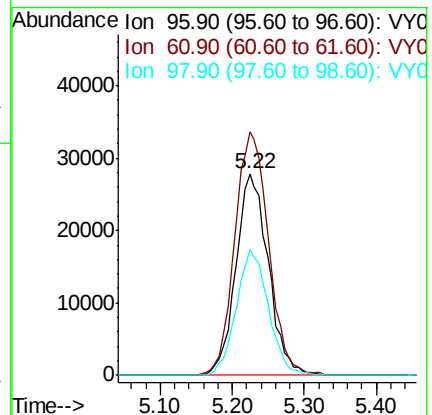
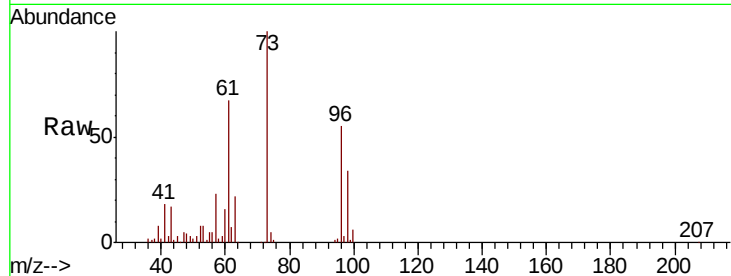
Tgt Ion: 96 Resp: 87206

Ion Ratio Lower Upper

96 100

61 120.6 98.1 147.1

98 62.0 47.2 70.8



#22

Diisopropyl ether

Concen: 20.916 ug/l

RT: 6.13 min Scan# 721

Delta R.T. 0.01 min

Lab File: VY001039.D

Acq: 24 Dec 2019 11:58

Tgt Ion: 45 Resp: 238655

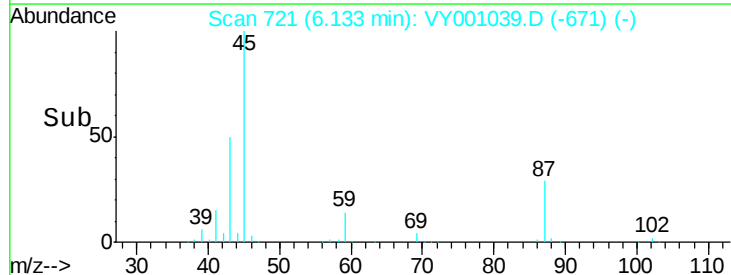
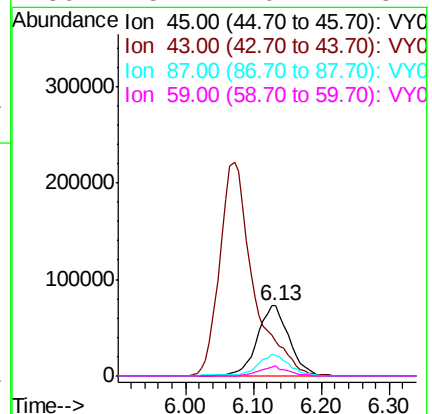
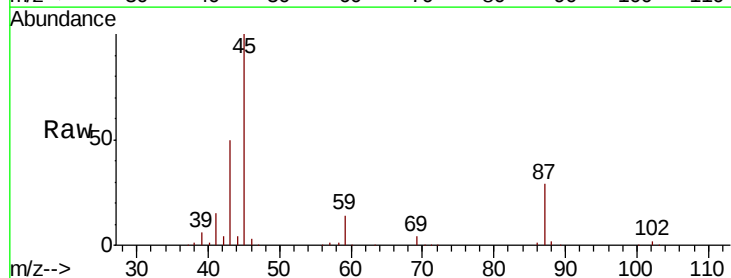
Ion Ratio Lower Upper

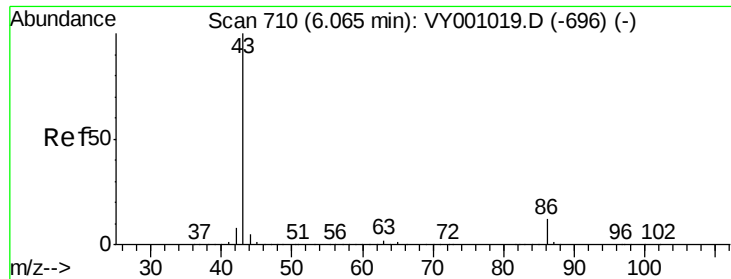
45 100

43 49.4 43.6 65.4

87 28.7 23.1 34.7

59 13.7 10.2 15.4

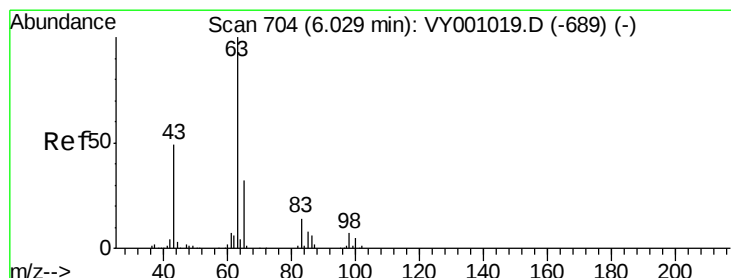
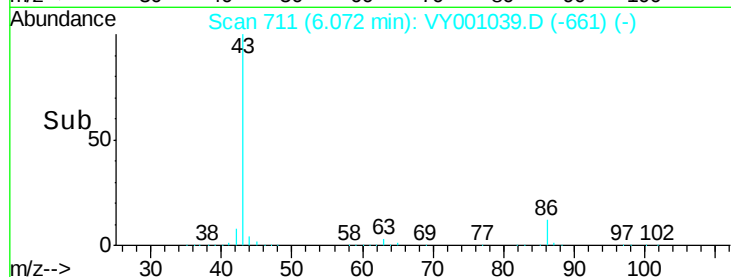
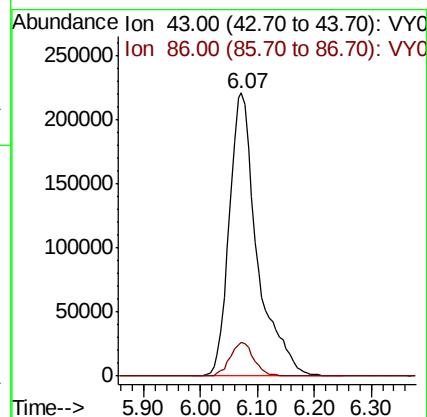
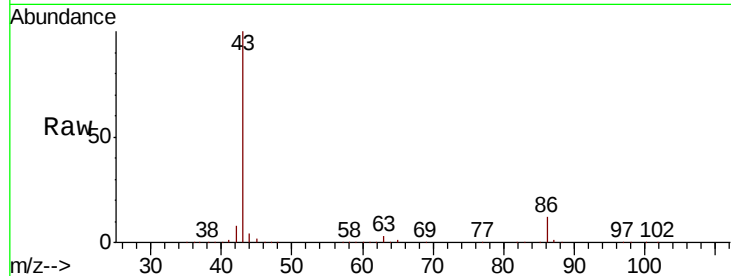




#23
 Vinyl Acetate
 Concen: 105.200 ug/l
 RT: 6.07 min Scan# 711
 Delta R.T. 0.01 min
 Lab File: VY001039.D
 Acq: 24 Dec 2019 11:58

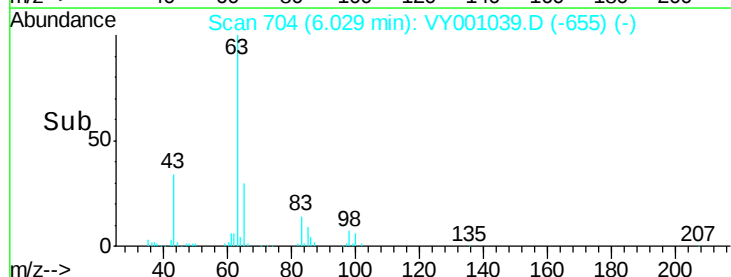
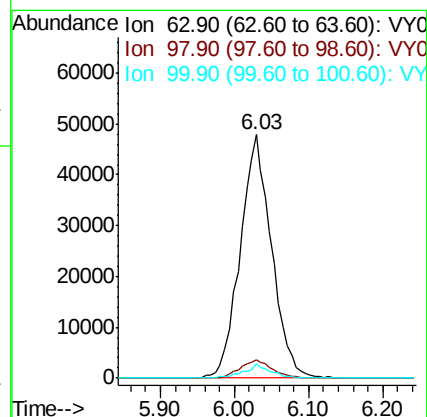
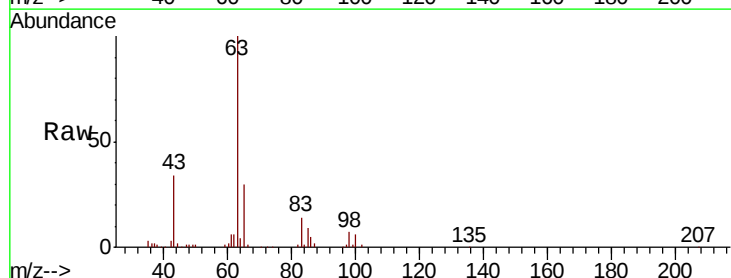
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1224SBS01

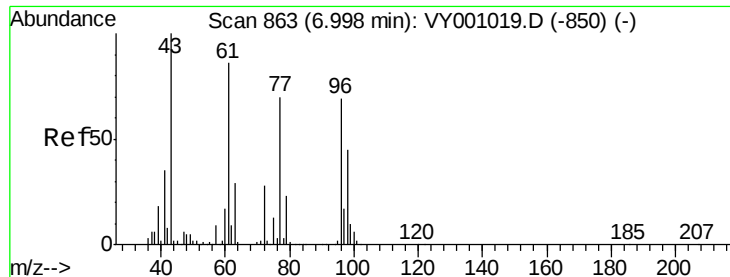
Tgt Ion: 43 Resp: 758057
 Ion Ratio Lower Upper
 43 100
 86 11.8 9.5 14.3



#24
 1,1-Dichloroethane
 Concen: 20.936 ug/l
 RT: 6.03 min Scan# 704
 Delta R.T. 0.00 min
 Lab File: VY001039.D
 Acq: 24 Dec 2019 11:58

Tgt Ion: 63 Resp: 141163
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.8 11.2
 100 6.2 2.5 7.5





#25

2-Butanone

Concen: 104.378 ug/l

RT: 7.00 min Scan# 864

Delta R.T. 0.01 min

Lab File: VY001039.D

Acq: 24 Dec 2019 11:58

Instrument :

MSVOA_Y

ClientSampleId :

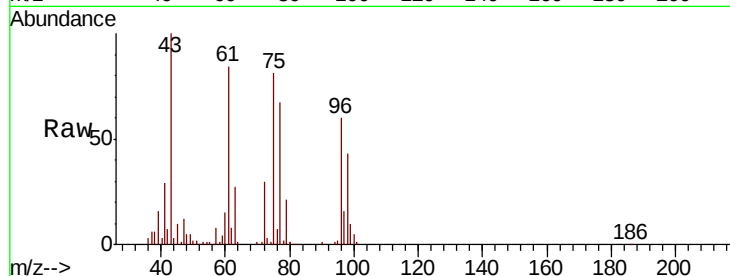
VY1224SBS01

Tgt Ion: 43 Resp: 134759

Ion Ratio Lower Upper

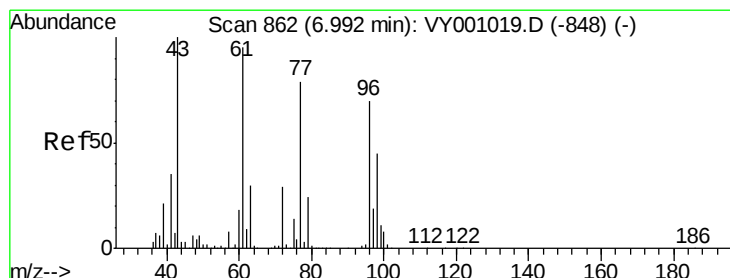
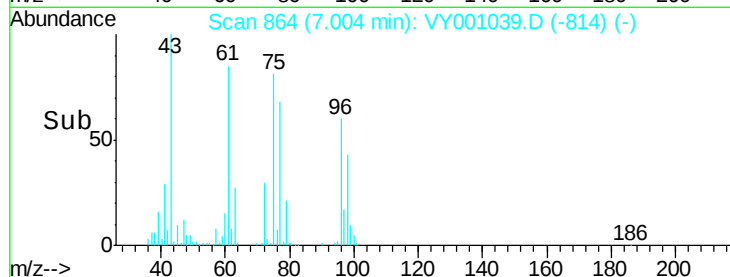
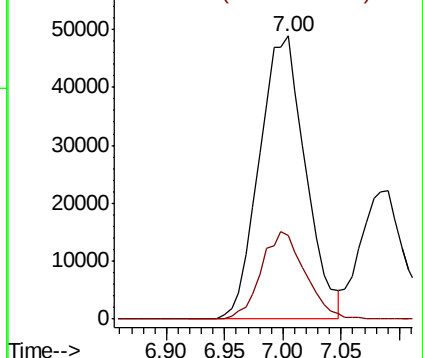
43 100

72 29.7 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0



#26

2,2-Dichloropropane

Concen: 21.061 ug/l

RT: 6.99 min Scan# 861

Delta R.T. -0.01 min

Lab File: VY001039.D

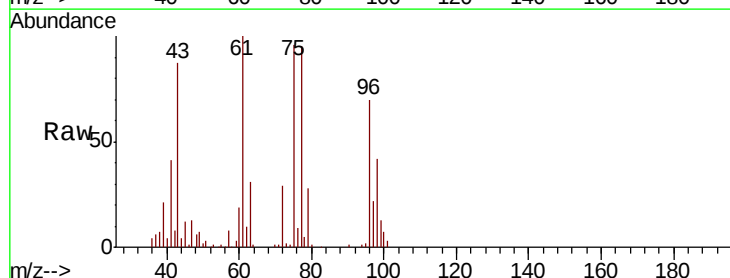
Acq: 24 Dec 2019 11:58

Tgt Ion: 77 Resp: 116670

Ion Ratio Lower Upper

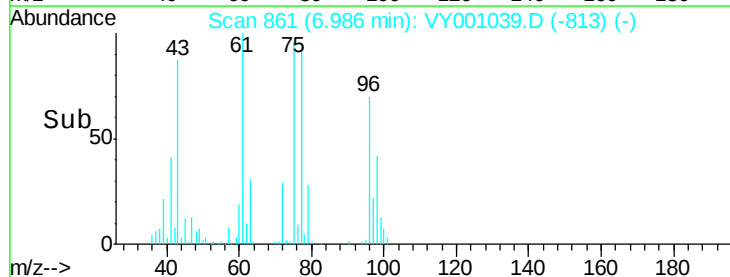
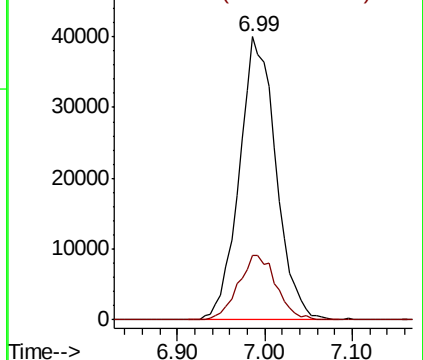
77 100

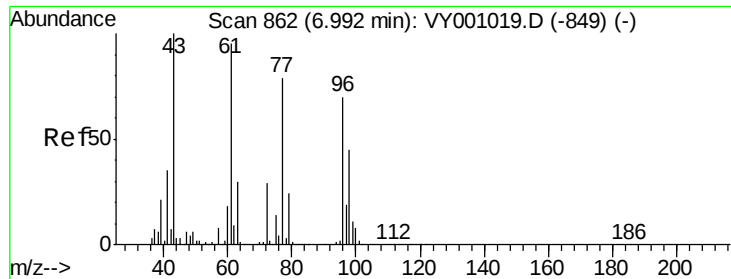
97 23.5 12.0 36.1



Abundance Ion 76.90 (76.60 to 77.60): VY0

Ion 96.90 (96.60 to 97.60): VY0



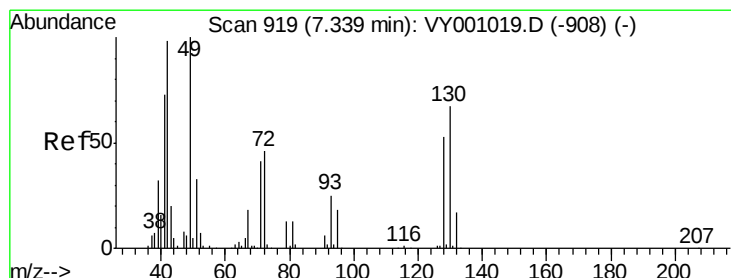
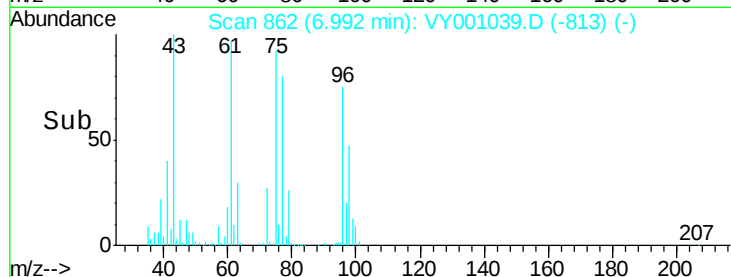
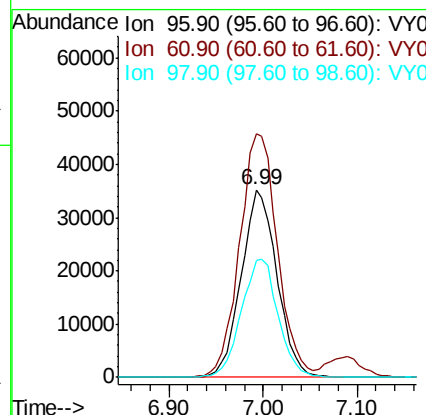
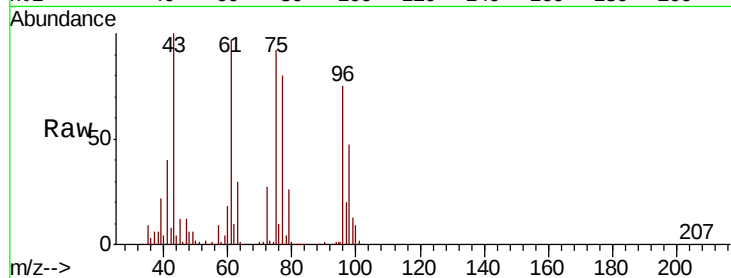


#27

cis-1,2-Dichloroethene
Concen: 21.109 ug/l
RT: 6.99 min Scan# 862
Delta R.T. 0.00 min
Lab File: VY001039.D
Acq: 24 Dec 2019 11:58

Instrument :
MSVOA_Y
ClientSampleId :
VY1224SBS01

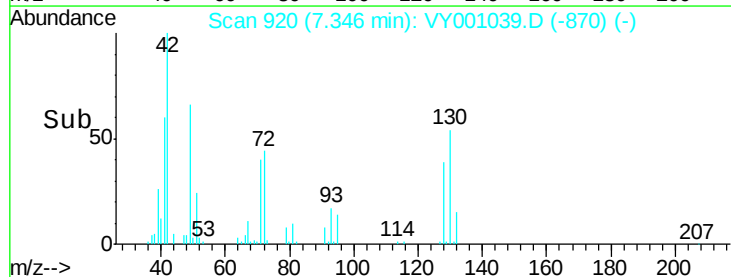
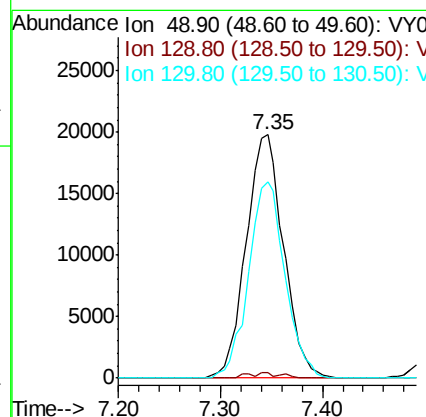
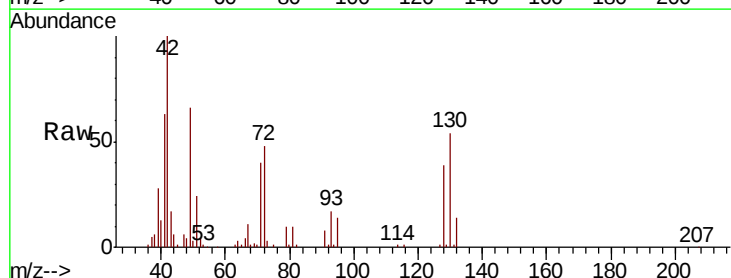
Tgt Ion: 96 Resp: 93393
Ion Ratio Lower Upper
96 100
61 137.7 0.0 268.2
98 64.6 0.0 129.2

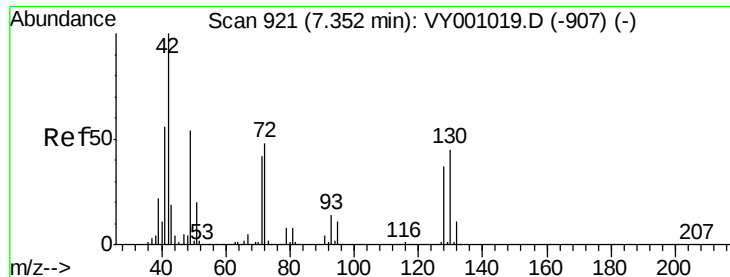


#28

Bromochloromethane
Concen: 19.187 ug/l
RT: 7.35 min Scan# 920
Delta R.T. 0.01 min
Lab File: VY001039.D
Acq: 24 Dec 2019 11:58

Tgt Ion: 49 Resp: 50479
Ion Ratio Lower Upper
49 100
129 1.3 0.0 3.8
130 78.5 60.4 90.6





#29

Tetrahydrofuran

Concen: 101.123 ug/l

RT: 7.36 min Scan# 922

Delta R.T. 0.01 min

Lab File: VY001039.D

Acq: 24 Dec 2019 11:58

Instrument :

MSVOA_Y

ClientSampleId :

VY1224SBS01

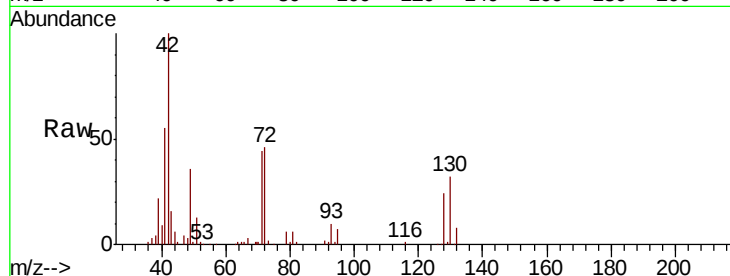
Tgt Ion: 42 Resp: 92868

Ion Ratio Lower Upper

42 100

72 46.6 37.7 56.5

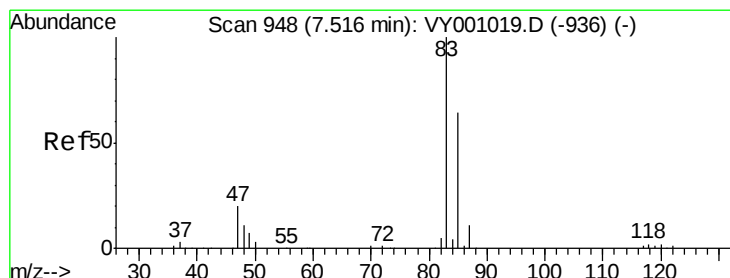
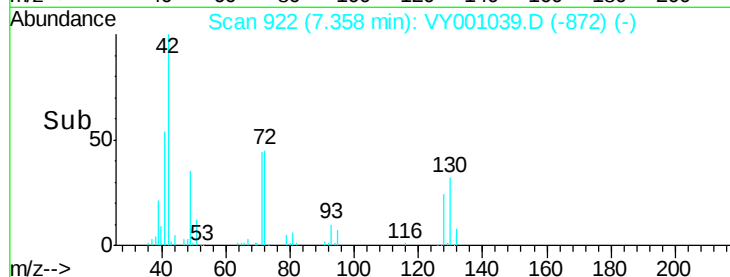
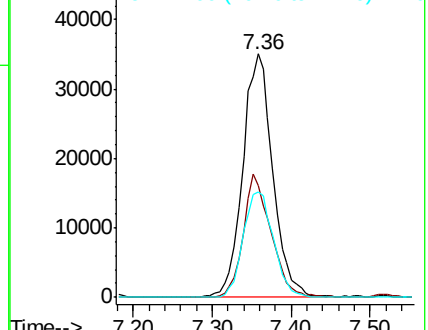
71 43.8 34.6 51.8



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: 20.822 ug/l

RT: 7.52 min Scan# 948

Delta R.T. 0.00 min

Lab File: VY001039.D

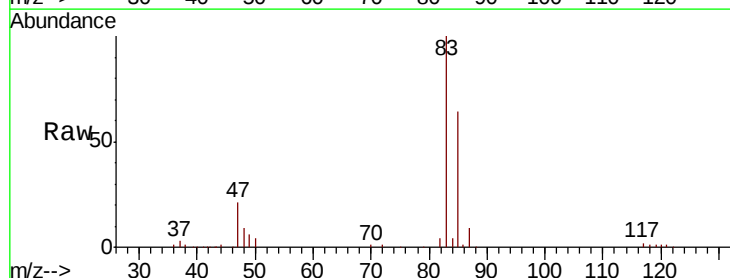
Acq: 24 Dec 2019 11:58

Tgt Ion: 83 Resp: 132756

Ion Ratio Lower Upper

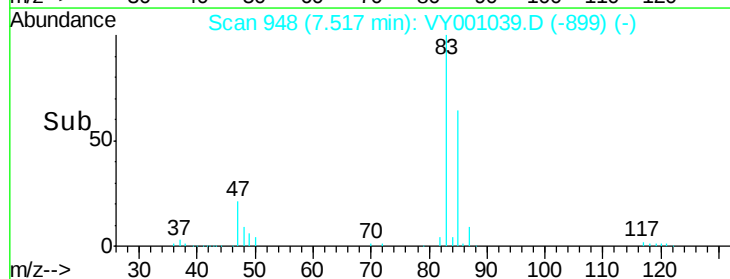
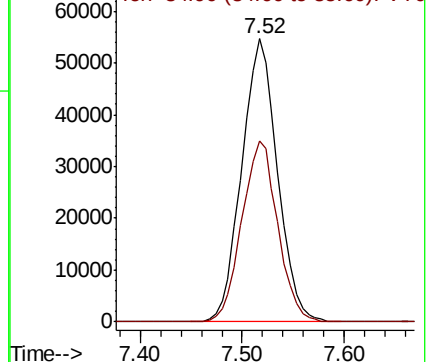
83 100

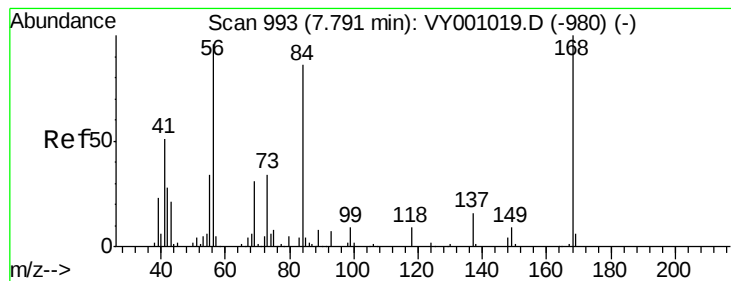
85 63.8 51.6 77.4



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0





#31

Cyclohexane

Concen: 20.645 ug/l

RT: 7.79 min Scan# 993

Delta R.T. 0.00 min

Lab File: VY001039.D

Acq: 24 Dec 2019 11:58

Instrument :

MSVOA_Y

ClientSampleId :

VY1224SBS01

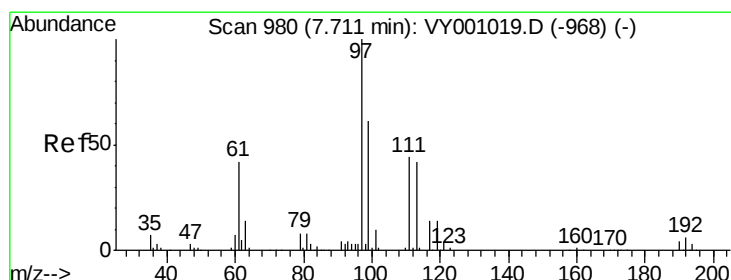
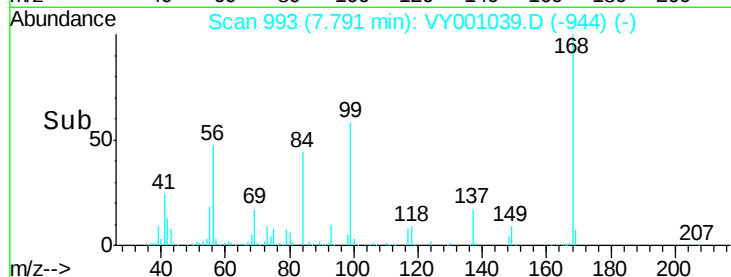
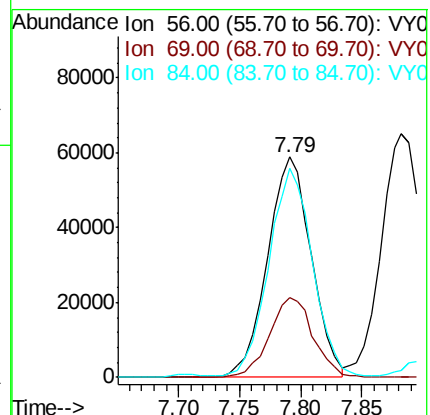
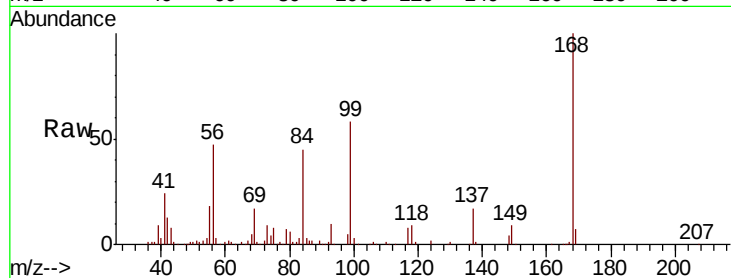
Tgt Ion: 56 Resp: 146379

Ion Ratio Lower Upper

56 100

69 35.9 26.1 39.1

84 93.1 71.8 107.8



#32

1,1,1-Trichloroethane

Concen: 20.519 ug/l

RT: 7.71 min Scan# 980

Delta R.T. 0.00 min

Lab File: VY001039.D

Acq: 24 Dec 2019 11:58

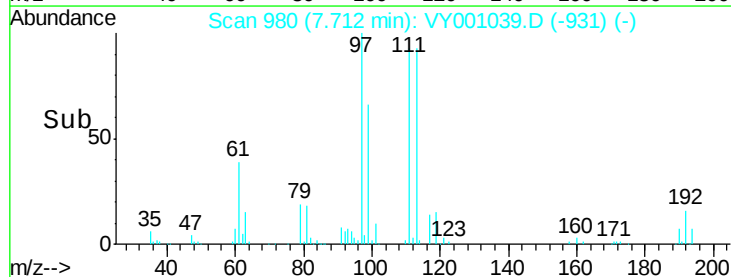
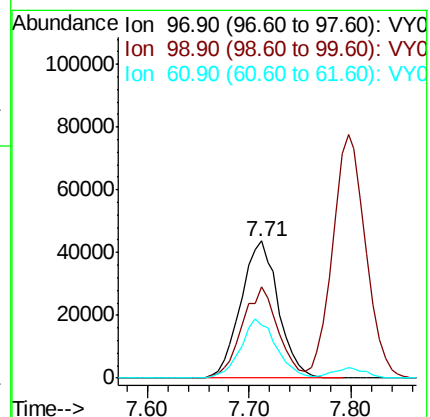
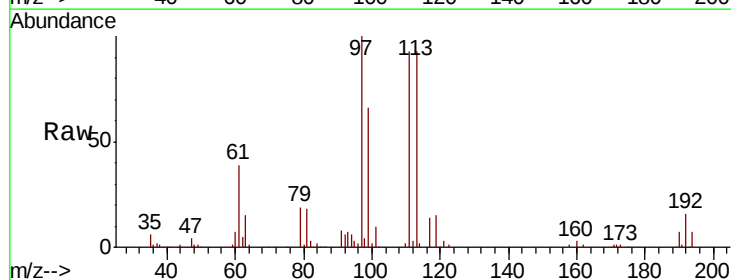
Tgt Ion: 97 Resp: 111602

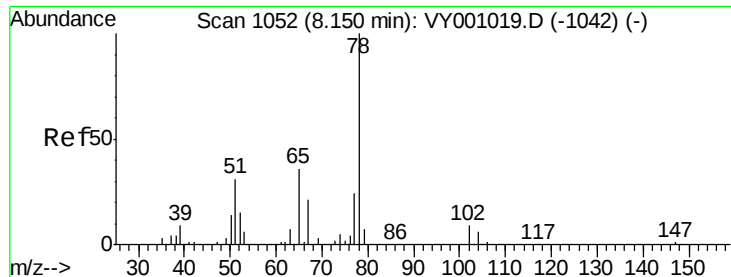
Ion Ratio Lower Upper

97 100

99 64.1 50.6 76.0

61 40.8 33.0 49.6





#33

1,2-Dichloroethane-d4

Concen: 50.513 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.00 min

Lab File: VY001039.D

Acq: 24 Dec 2019 11:58

Instrument :

MSVOA_Y

ClientSampleId :

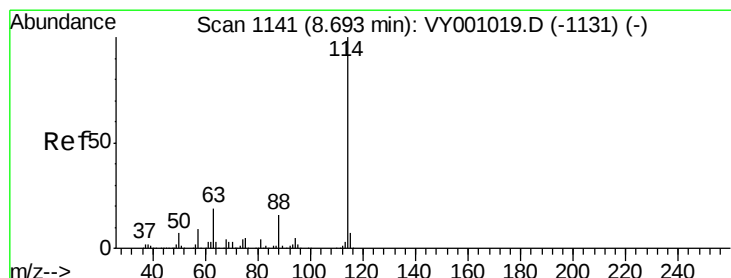
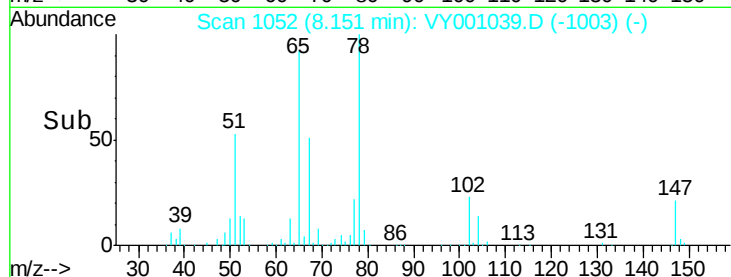
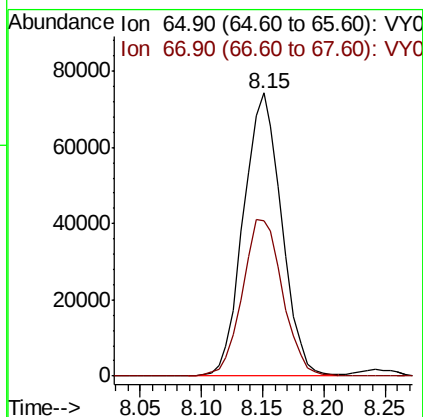
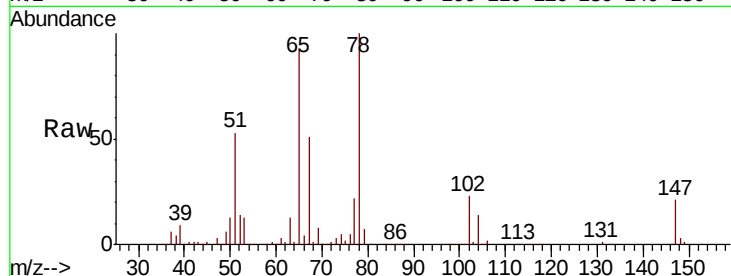
VY1224SBS01

Tgt Ion: 65 Resp: 161141

Ion Ratio Lower Upper

65 100

67 58.2 0.0 112.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. 0.00 min

Lab File: VY001039.D

Acq: 24 Dec 2019 11:58

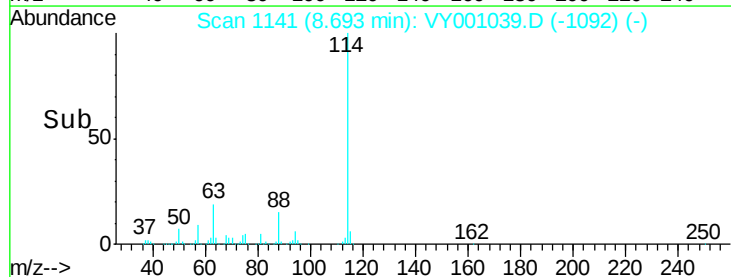
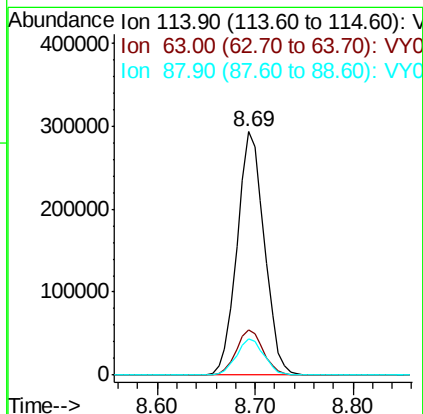
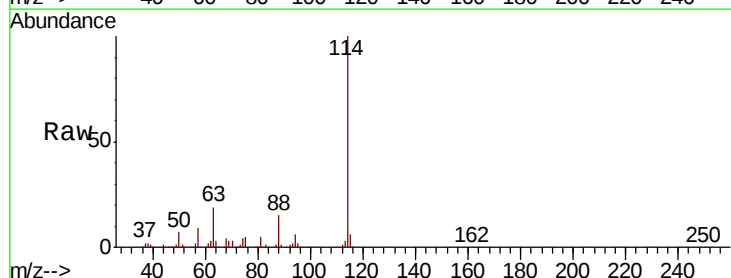
Tgt Ion: 114 Resp: 566322

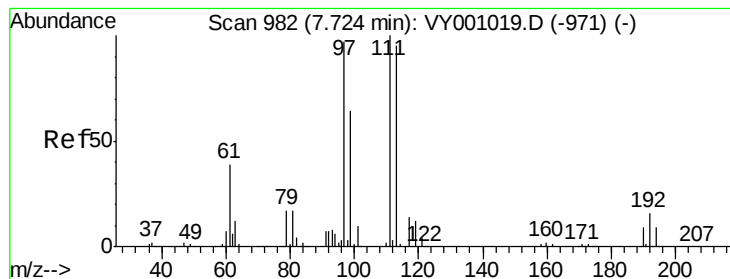
Ion Ratio Lower Upper

114 100

63 18.5 0.0 37.0

88 15.1 0.0 32.0





#35

Dibromofluoromethane

Concen: 48.870 ug/l

RT: 7.73 min Scan# 983

Delta R.T. 0.01 min

Lab File: VY001039.D

Acq: 24 Dec 2019 11:58

Instrument :

MSVOA_Y

ClientSampleId :

VY1224SBS01

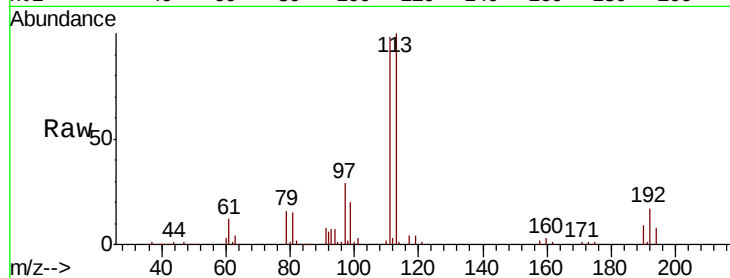
Tgt Ion:113 Resp: 162972

Ion Ratio Lower Upper

113 100

111 103.9 83.0 124.4

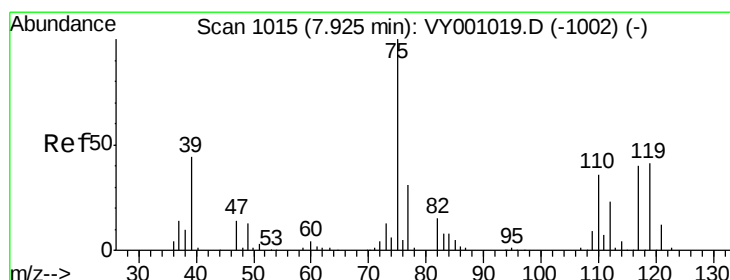
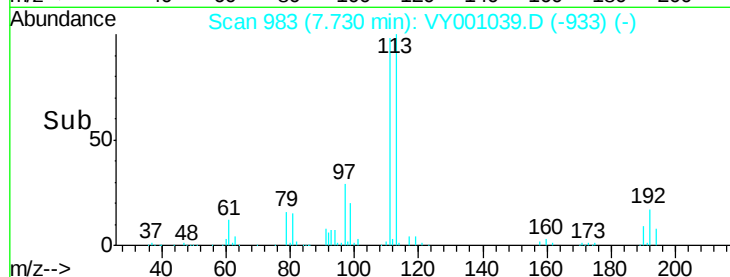
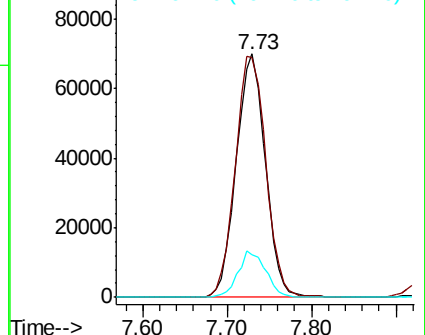
192 18.1 14.6 21.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 21.300 ug/l

RT: 7.93 min Scan# 1015

Delta R.T. 0.00 min

Lab File: VY001039.D

Acq: 24 Dec 2019 11:58

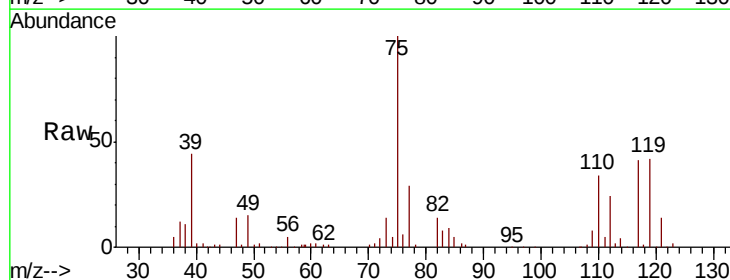
Tgt Ion: 75 Resp: 115075

Ion Ratio Lower Upper

75 100

110 36.0 18.1 54.4

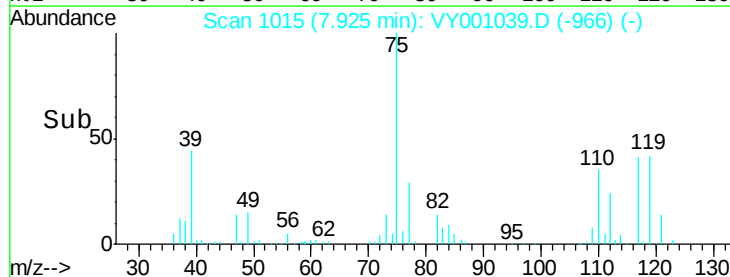
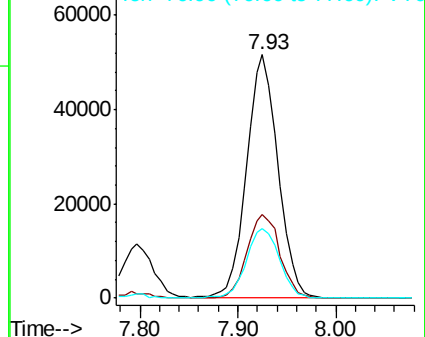
77 30.4 24.6 37.0



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

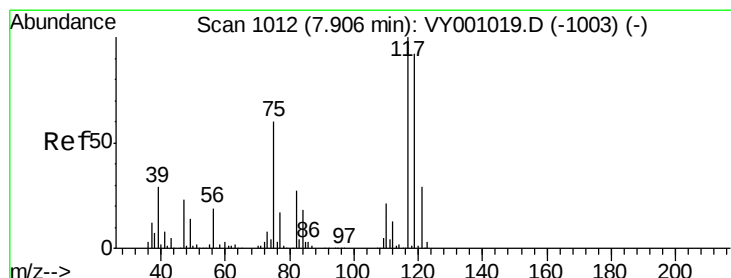
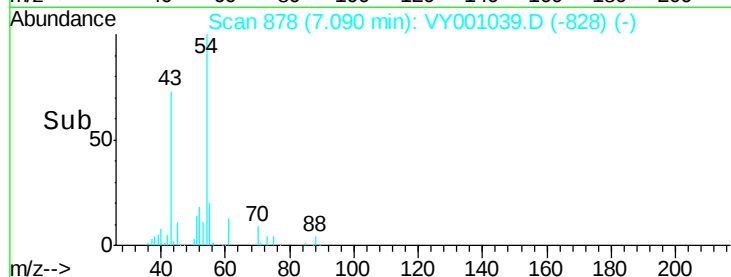
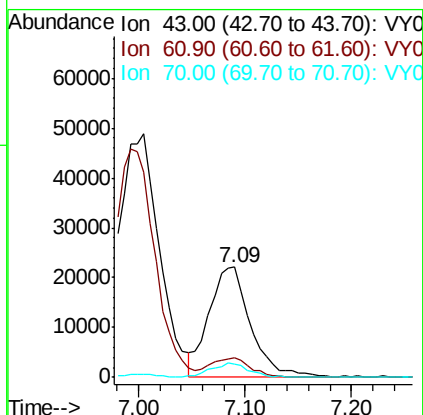
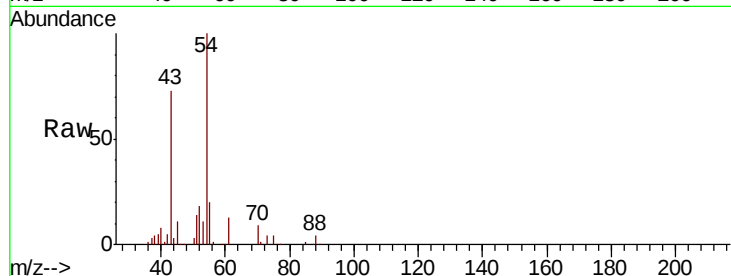




#37
Ethyl Acetate
Concen: 19.715 ug/l
RT: 7.09 min Scan# 878
Delta R.T. 0.01 min
Lab File: VY001039.D
Acq: 24 Dec 2019 11:58

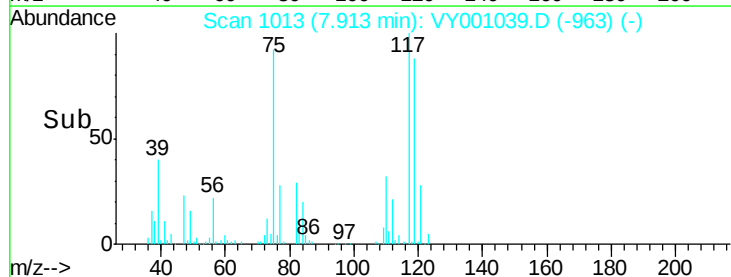
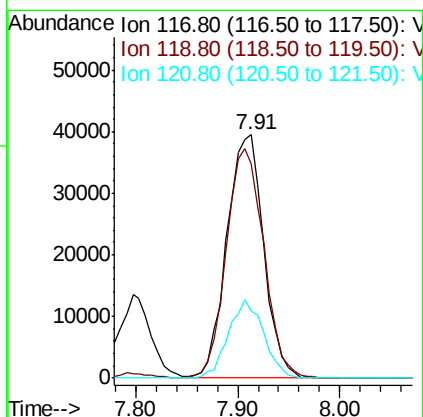
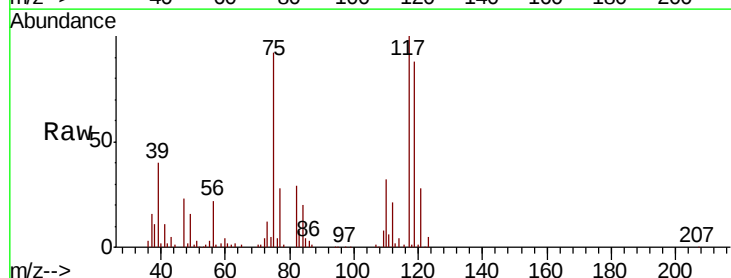
Instrument :
MSVOA_Y
ClientSampleId :
VY1224SBS01

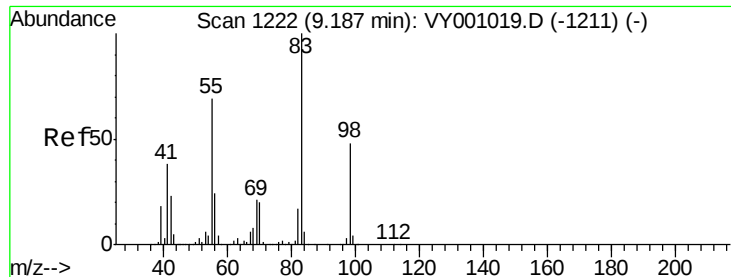
Tgt Ion: 43 Resp: 58978
Ion Ratio Lower Upper
43 100
61 17.2 12.5 18.7
70 11.9 9.0 13.4



#38
Carbon Tetrachloride
Concen: 20.823 ug/l
RT: 7.91 min Scan# 1013
Delta R.T. 0.01 min
Lab File: VY001039.D
Acq: 24 Dec 2019 11:58

Tgt Ion: 117 Resp: 98565
Ion Ratio Lower Upper
117 100
119 88.0 74.2 111.2
121 27.6 22.9 34.3

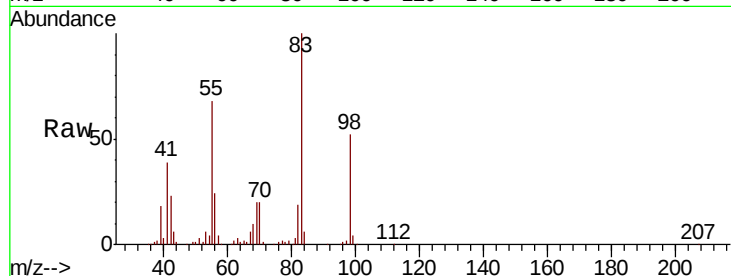




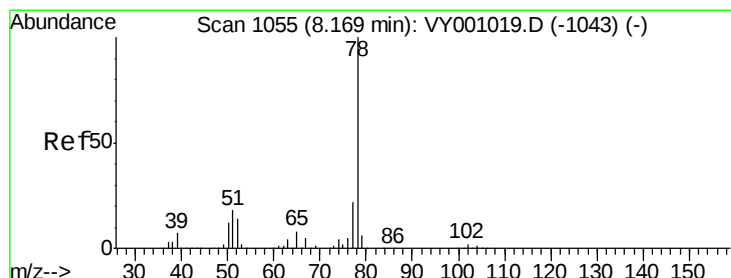
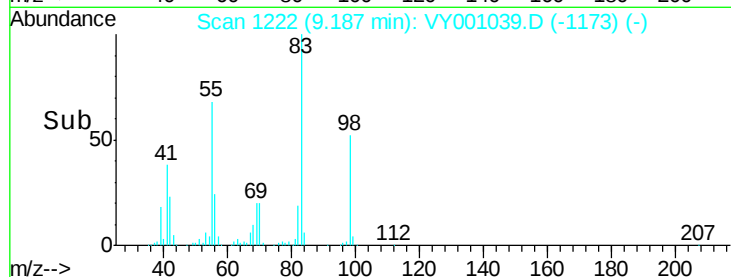
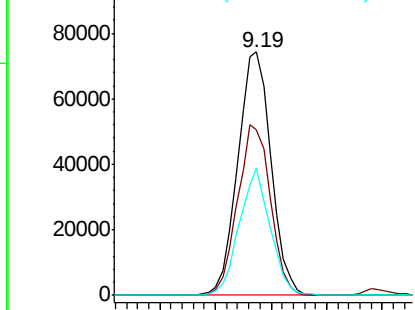
#39
Methylcyclohexane
Concen: 21.434 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY001039.D
Acq: 24 Dec 2019 11:58

Instrument :
MSVOA_Y
ClientSampleId :
VY1224SBS01

Tgt Ion: 83 Resp: 153778
Ion Ratio Lower Upper
83 100
55 67.8 55.1 82.7
98 52.1 38.3 57.5

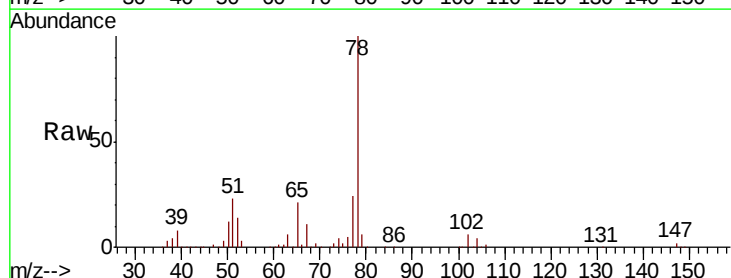


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

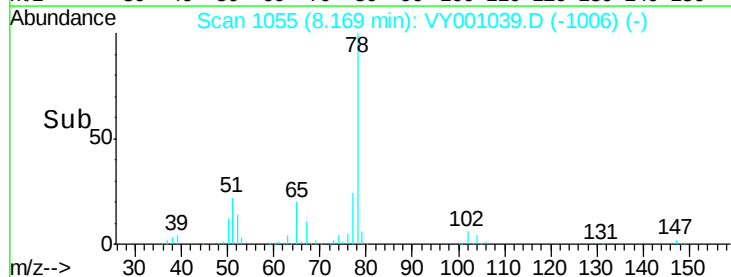
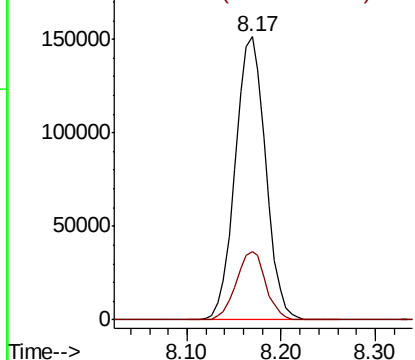


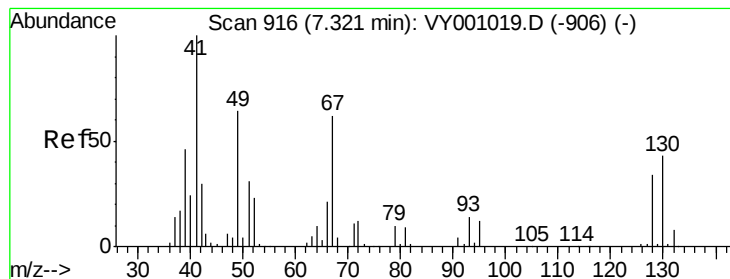
#40
Benzene
Concen: 20.903 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. 0.00 min
Lab File: VY001039.D
Acq: 24 Dec 2019 11:58

Tgt Ion: 78 Resp: 340703
Ion Ratio Lower Upper
78 100
77 24.2 17.7 26.5



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





#41

Methacrylonitrile

Concen: 61.909 ug/l

RT: 7.36 min Scan# 922

Delta R.T. 0.04 min

Lab File: VY001039.D

Acq: 24 Dec 2019 11:58

Instrument :

MSVOA_Y

ClientSampleId :

VY1224SBS01

Tgt Ion: 41 Resp: 80294

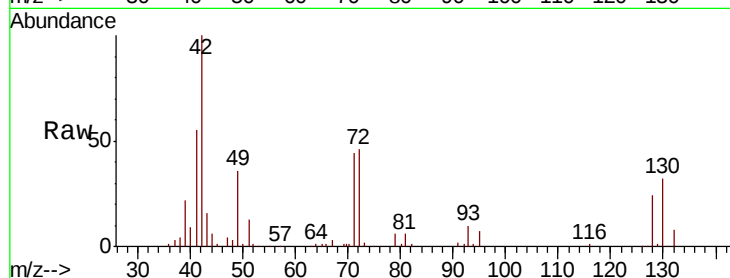
Ion Ratio Lower Upper

41 100

39 45.2 0.0 0.0#

67 0.0 0.0 0.0

52 0.0 0.0 0.0

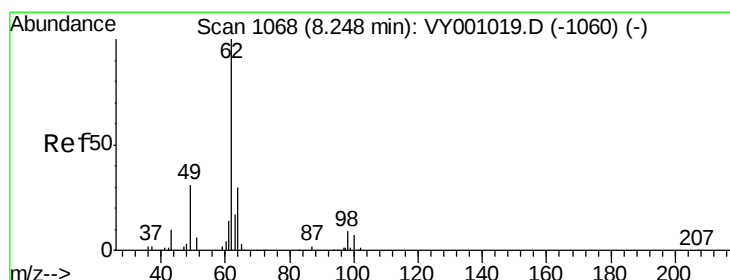
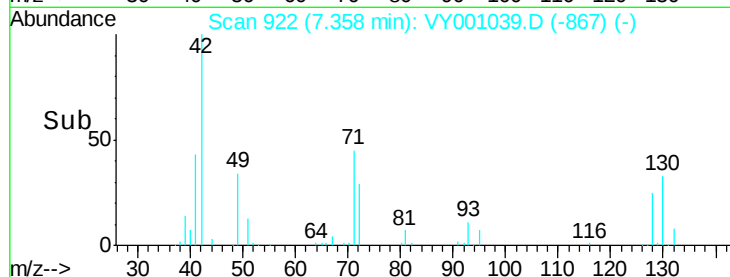
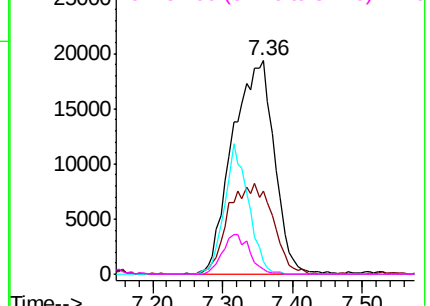


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 67.00 (66.70 to 67.70): VY0

Ion 52.00 (51.70 to 52.70): VY0



#42

1,2-Dichloroethane

Concen: 20.862 ug/l

RT: 8.25 min Scan# 1068

Delta R.T. 0.00 min

Lab File: VY001039.D

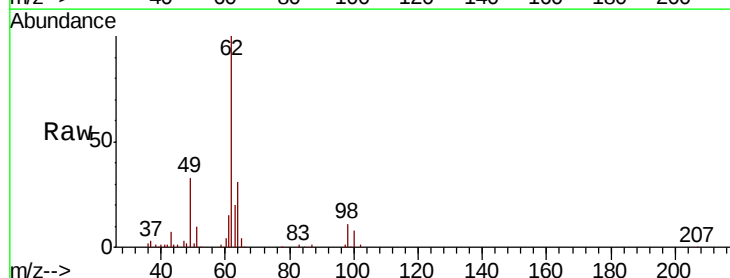
Acq: 24 Dec 2019 11:58

Tgt Ion: 62 Resp: 81297

Ion Ratio Lower Upper

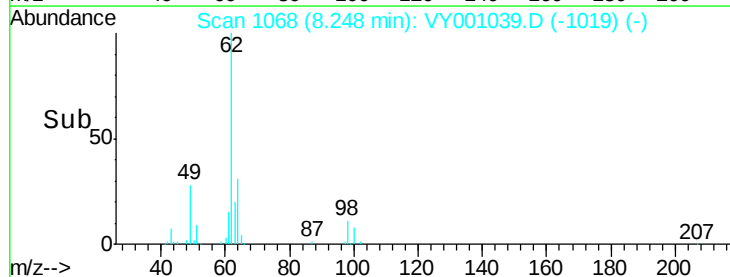
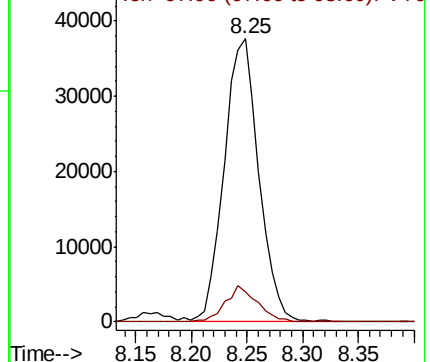
62 100

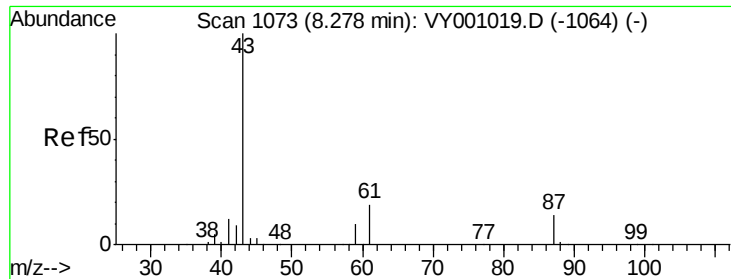
98 11.6 0.0 23.4



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 97.90 (97.60 to 98.60): VY0





#43

Isopropyl Acetate

Concen: 19.859 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. 0.00 min

Lab File: VY001039.D

Acq: 24 Dec 2019 11:58

Instrument :

MSVOA_Y

ClientSampleId :

VY1224SBSD01

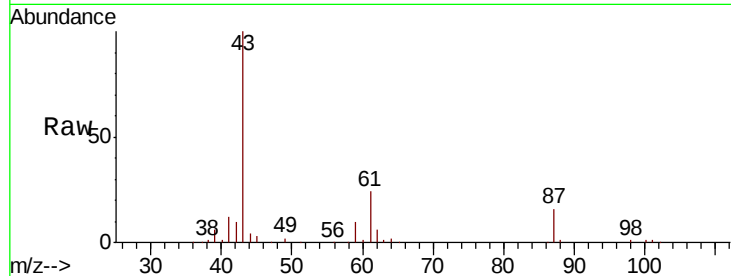
Tgt Ion: 43 Resp: 109973

Ion Ratio Lower Upper

43 100

61 33.2 25.0 37.6

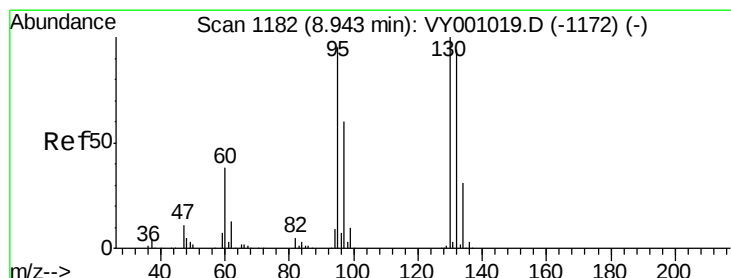
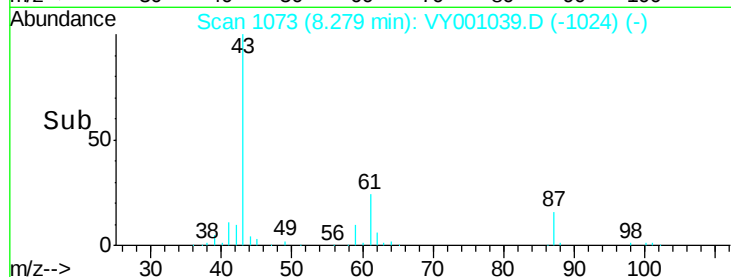
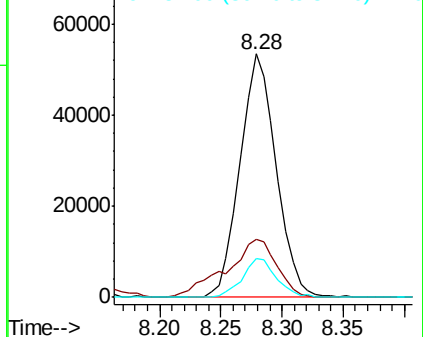
87 15.1 12.0 18.0



Abundance Ion 43.00 (42.70 to 43.70): VY001019.D (-1064) (-)

Ion 61.00 (60.70 to 61.70): VY001019.D (-1064) (-)

Ion 87.00 (86.70 to 87.70): VY001019.D (-1064) (-)



#44

Trichloroethene

Concen: 20.854 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VY001039.D

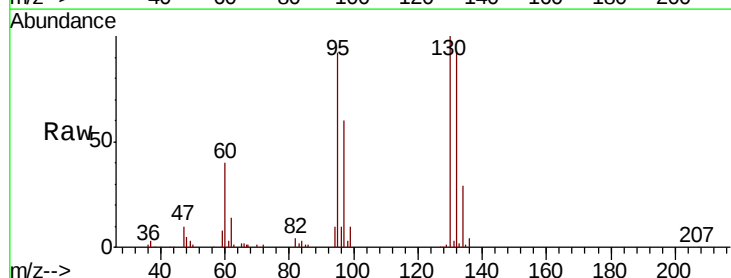
Acq: 24 Dec 2019 11:58

Tgt Ion: 130 Resp: 89559

Ion Ratio Lower Upper

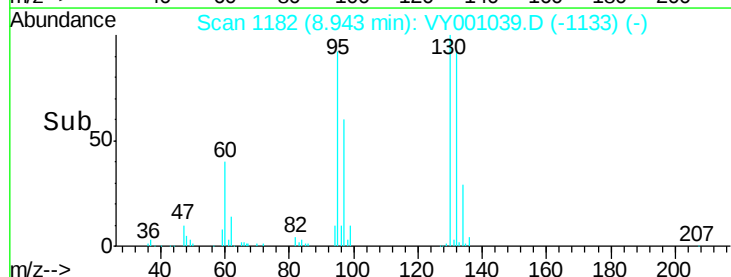
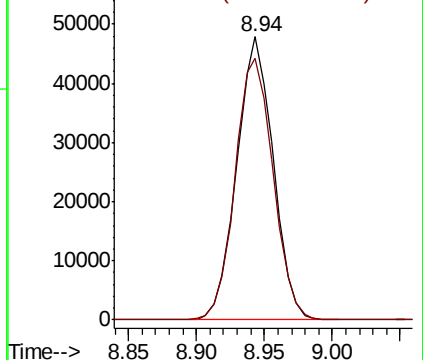
130 100

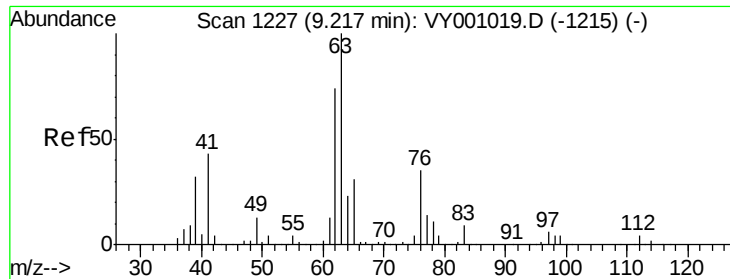
95 92.3 0.0 190.6



Abundance Ion 129.80 (129.50 to 130.50): VY001019.D (-1172) (-)

Ion 94.90 (94.60 to 95.60): VY001019.D (-1172) (-)

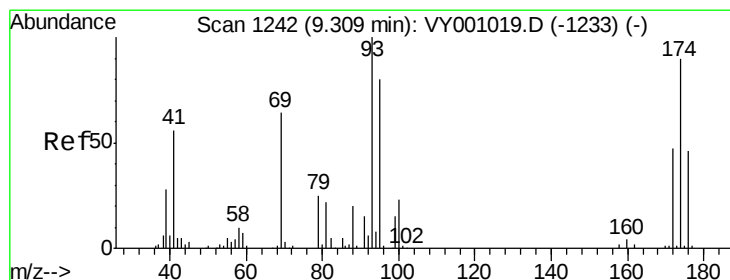
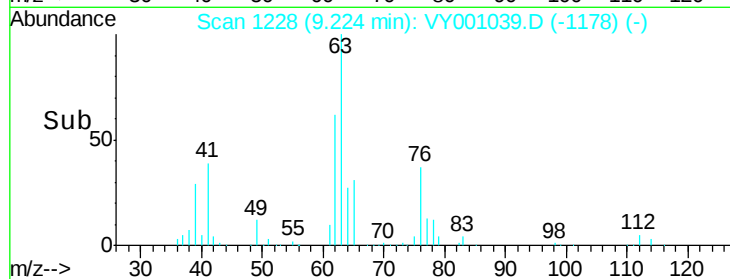
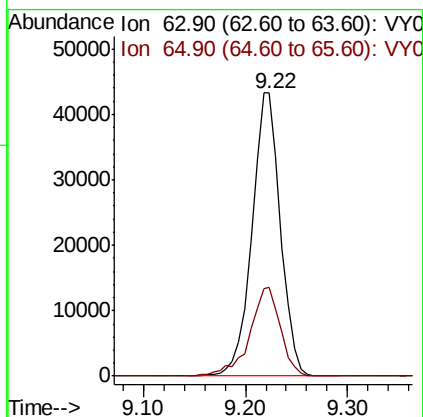
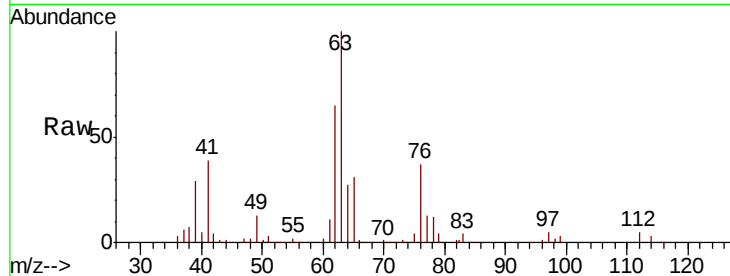




#45
 1,2-Dichloropropane
 Concen: 20.601 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. 0.01 min
 Lab File: VY001039.D
 Acq: 24 Dec 2019 11:58

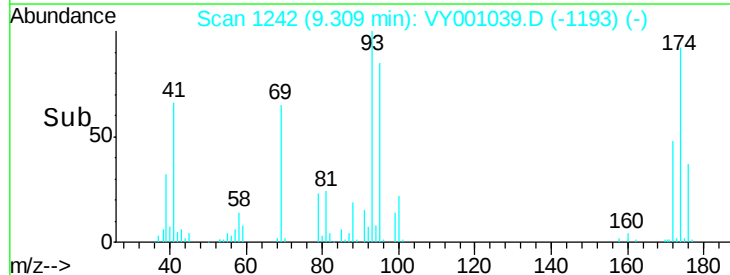
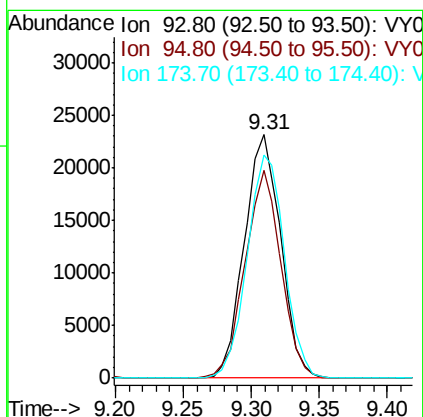
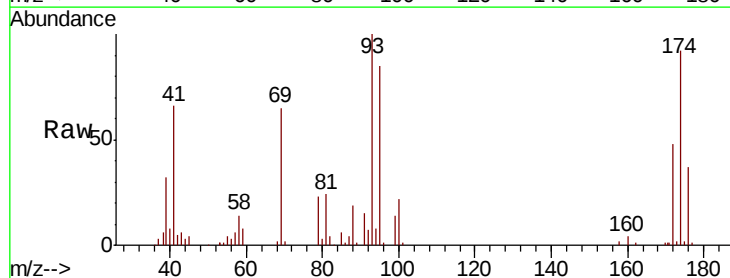
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1224SBS01

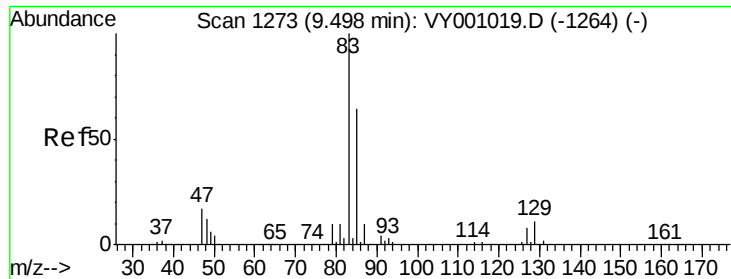
Tgt Ion: 63 Resp: 84235
 Ion Ratio Lower Upper
 63 100
 65 31.3 25.1 37.7



#46
 Dibromomethane
 Concen: 20.645 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: VY001039.D
 Acq: 24 Dec 2019 11:58

Tgt Ion: 93 Resp: 43516
 Ion Ratio Lower Upper
 93 100
 95 83.9 66.7 100.1
 174 93.6 73.6 110.4





#47

Bromodichloromethane

Concen: 20.267 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VY001039.D

Acq: 24 Dec 2019 11:58

Instrument :

MSVOA_Y

ClientSampleId :

VY1224SBS01

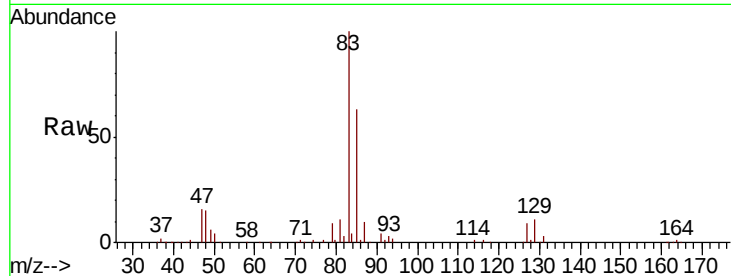
Tgt Ion: 83 Resp: 98949

Ion Ratio Lower Upper

83 100

85 63.1 50.9 76.3

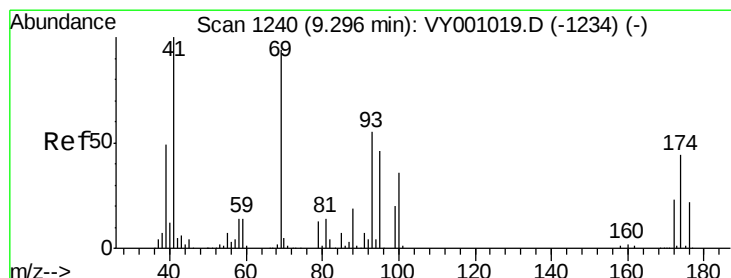
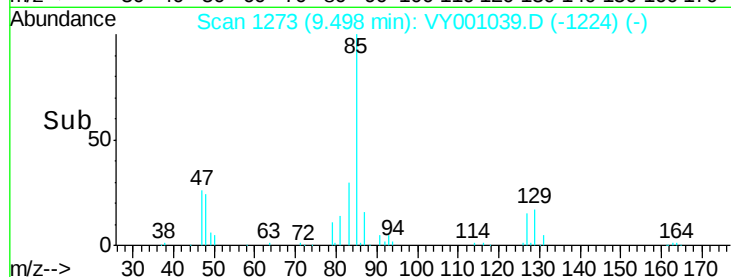
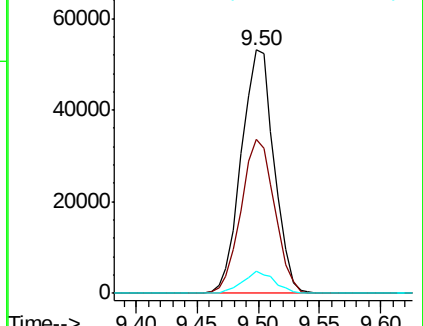
127 9.3 6.4 9.6



Abundance Ion 82.90 (82.60 to 83.60): VY001039.D (-1224) (-)

Ion 84.90 (84.60 to 85.60): VY001039.D (-1224) (-)

Ion 126.80 (126.50 to 127.50): VY001039.D (-1224) (-)



#48

Methyl methacrylate

Concen: 20.184 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VY001039.D

Acq: 24 Dec 2019 11:58

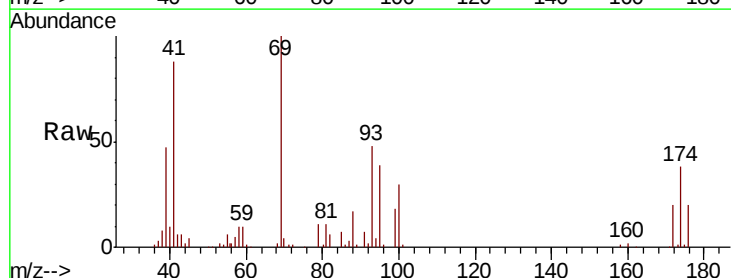
Tgt Ion: 41 Resp: 47698

Ion Ratio Lower Upper

41 100

69 107.6 79.8 119.6

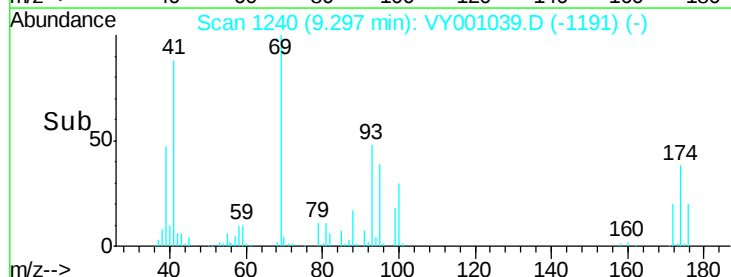
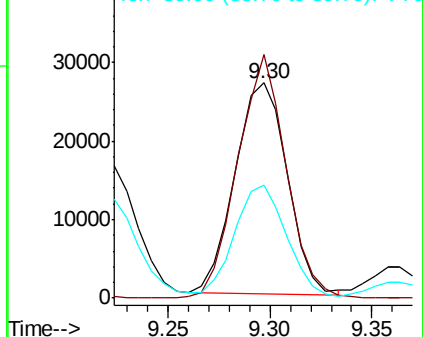
39 53.4 41.7 62.5

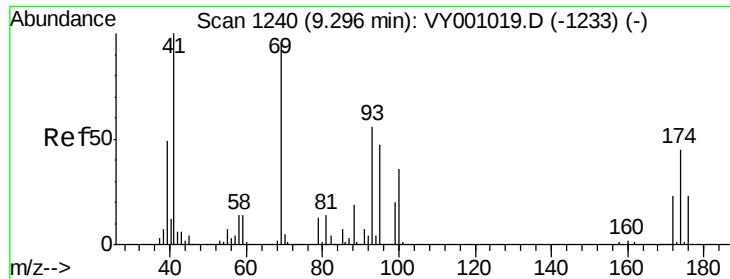


Abundance Ion 41.00 (40.70 to 41.70): VY001039.D (-1191) (-)

Ion 69.00 (68.70 to 69.70): VY001039.D (-1191) (-)

Ion 39.00 (38.70 to 39.70): VY001039.D (-1191) (-)

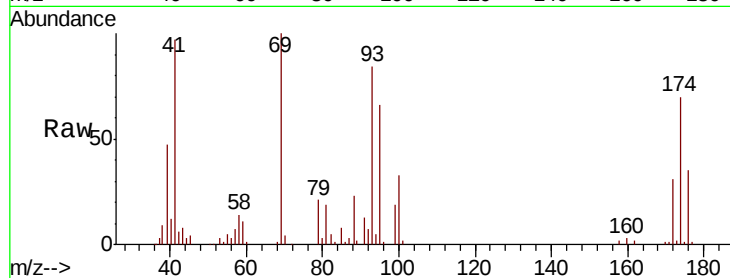




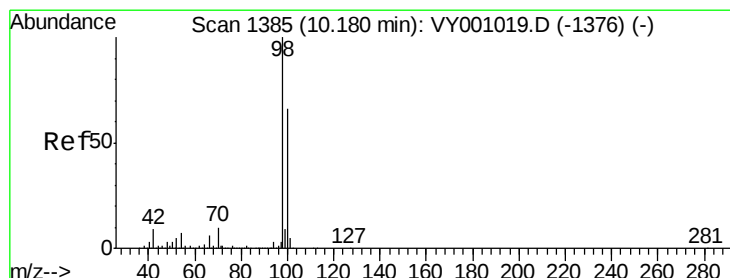
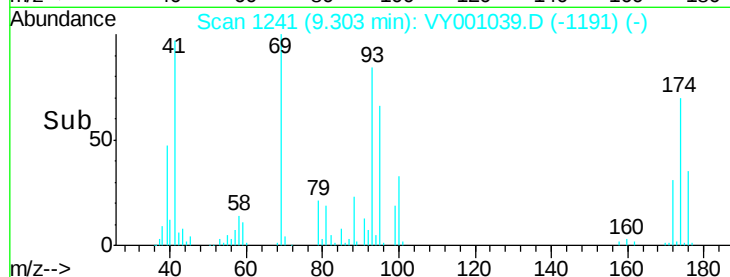
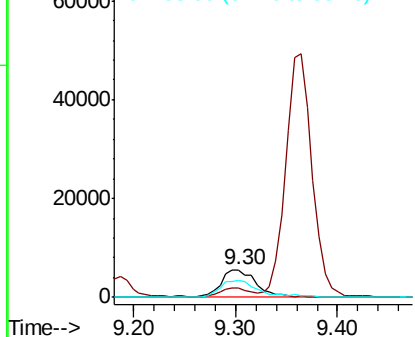
#49
1,4-Dioxane
Concen: 439.038 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. 0.01 min
Lab File: VY001039.D
Acq: 24 Dec 2019 11:58

Instrument :
MSVOA_Y
ClientSampleId :
VY1224SBS01

Tgt Ion: 88 Resp: 13537
Ion Ratio Lower Upper
88 100
43 29.2 23.0 34.4
58 64.3 54.9 82.3

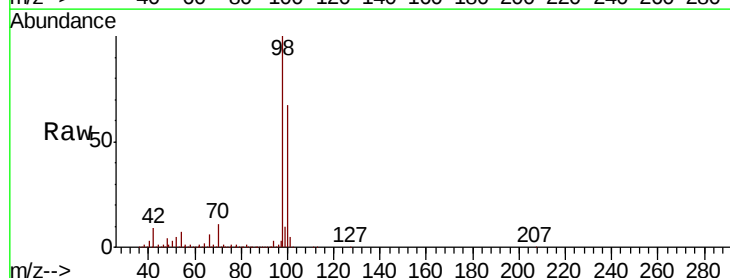


Abundance Ion 88.00 (87.70 to 88.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

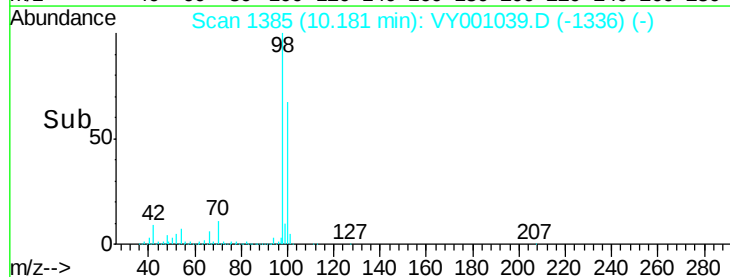
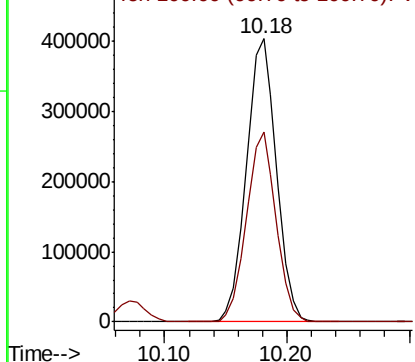


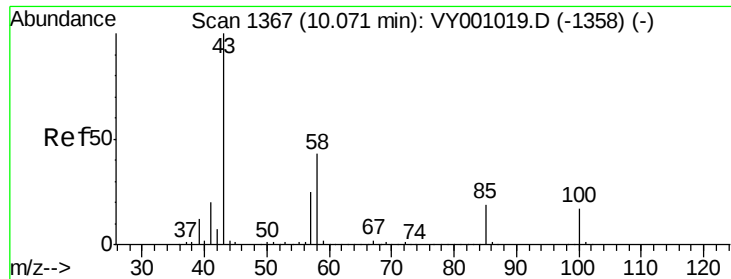
#50
Toluene-d8
Concen: 52.633 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY001039.D
Acq: 24 Dec 2019 11:58

Tgt Ion: 98 Resp: 685933
Ion Ratio Lower Upper
98 100
100 66.3 53.0 79.4



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: 102.692 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. 0.00 min

Lab File: VY001039.D

Acq: 24 Dec 2019 11:58

Instrument :

MSVOA_Y

ClientSampleId :

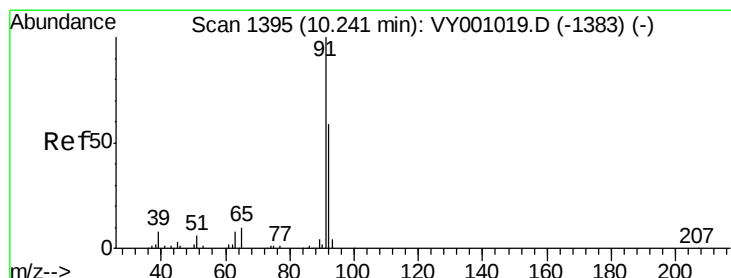
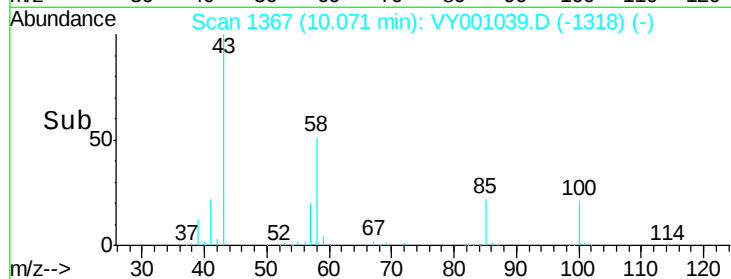
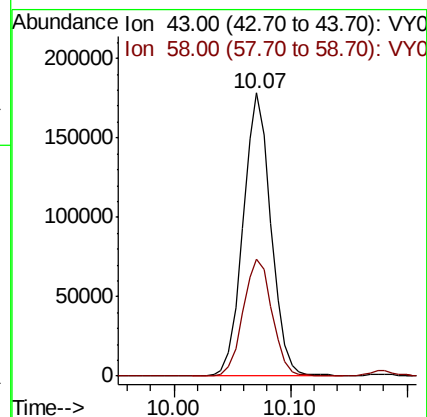
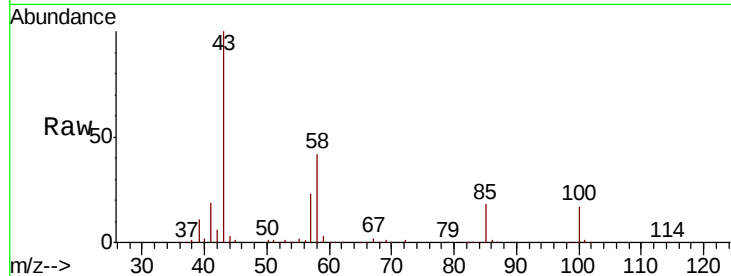
VY1224SBS01

Tgt Ion: 43 Resp: 296407

Ion Ratio Lower Upper

43 100

58 43.2 34.6 52.0



#52

Toluene

Concen: 21.063 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. 0.00 min

Lab File: VY001039.D

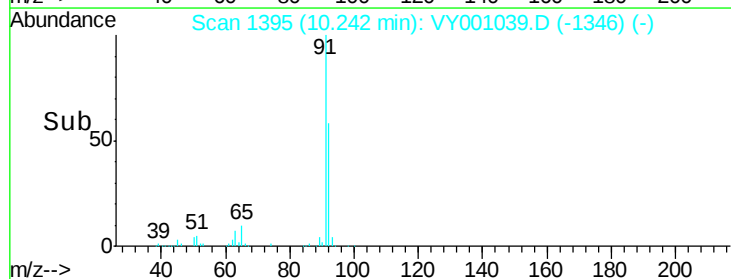
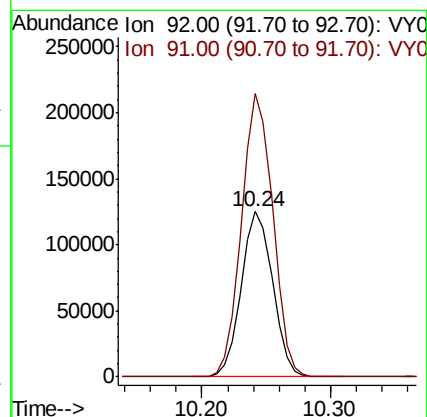
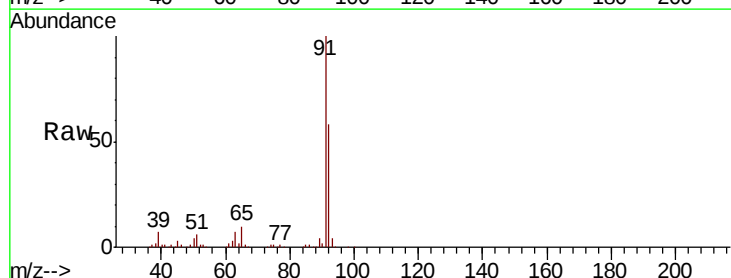
Acq: 24 Dec 2019 11:58

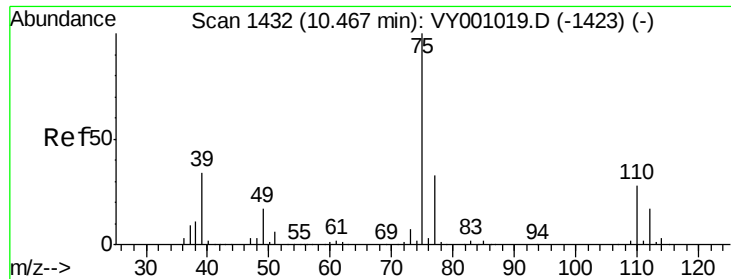
Tgt Ion: 92 Resp: 211307

Ion Ratio Lower Upper

92 100

91 171.0 135.7 203.5





#53

t-1,3-Dichloropropene

Concen: 20.472 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VY001039.D

Acq: 24 Dec 2019 11:58

Instrument :

MSVOA_Y

ClientSampleId :

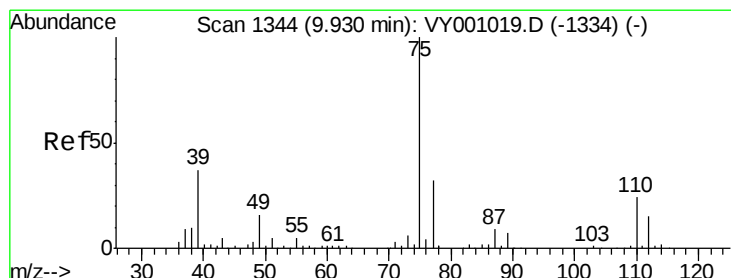
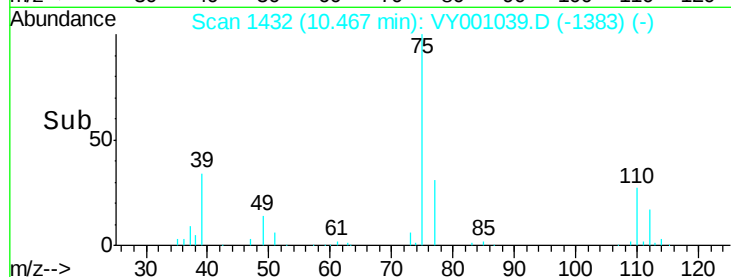
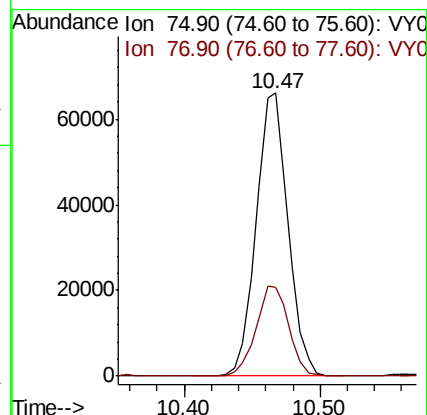
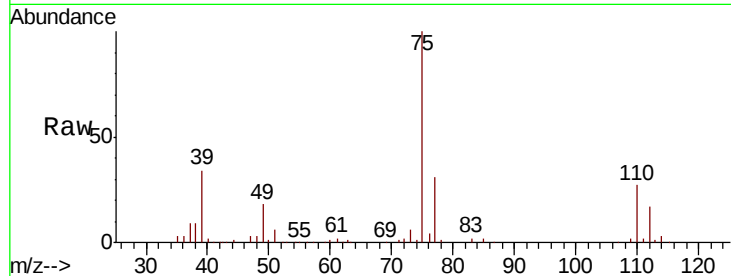
VY1224SBS01

Tgt Ion: 75 Resp: 108478

Ion Ratio Lower Upper

75 100

77 31.4 26.5 39.7



#54

cis-1,3-Dichloropropene

Concen: 20.818 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. 0.00 min

Lab File: VY001039.D

Acq: 24 Dec 2019 11:58

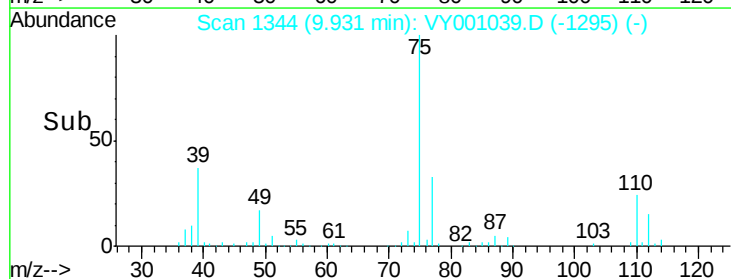
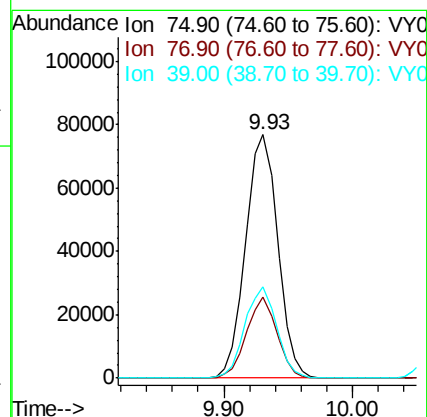
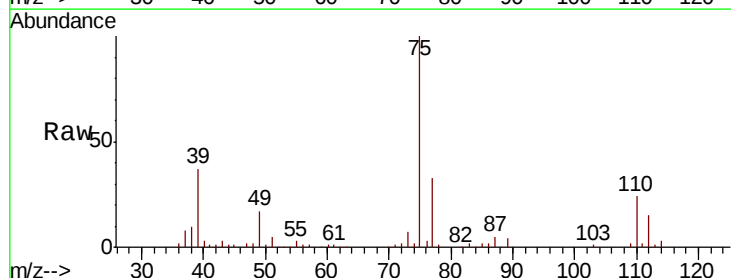
Tgt Ion: 75 Resp: 132641

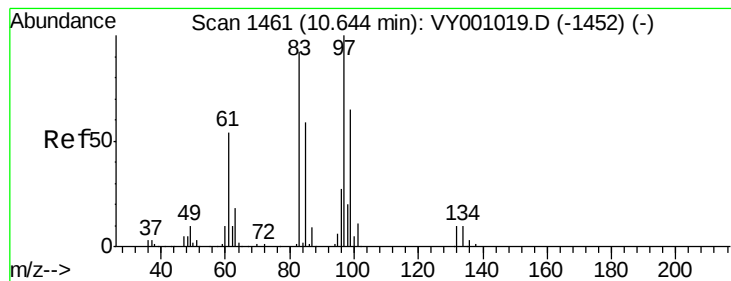
Ion Ratio Lower Upper

75 100

77 33.3 25.2 37.8

39 37.4 29.5 44.3





#55

1,1,2-Trichloroethane

Concen: 21.465 ug/l

RT: 10.64 min Scan# 1461

Delta R.T. 0.00 min

Lab File: VY001039.D

Acq: 24 Dec 2019 11:58

Instrument :

MSVOA_Y

ClientSampleId :

VY1224SBSD01

Tgt Ion: 97 Resp: 67545

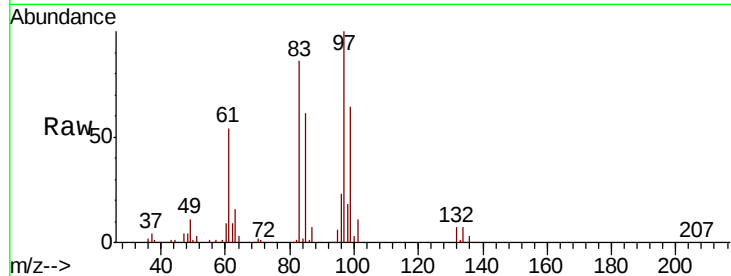
Ion Ratio Lower Upper

97 100

83 86.2 73.7 110.5

85 61.1 47.3 70.9

99 64.3 51.9 77.9

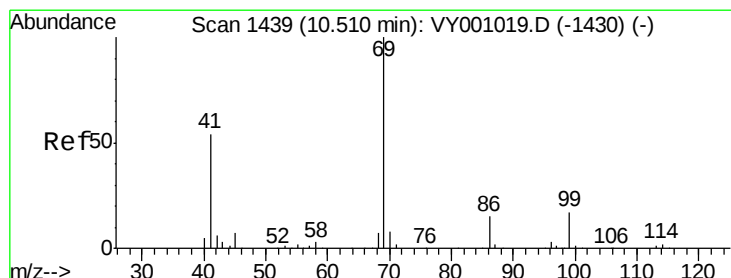
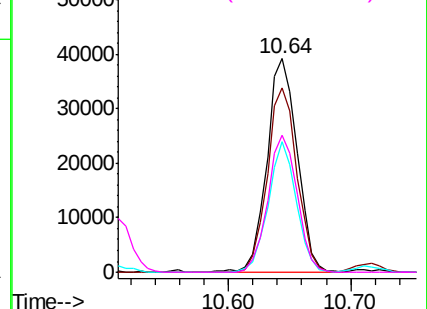
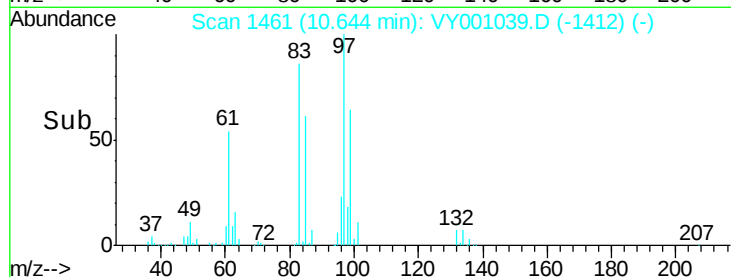


Abundance Ion 96.90 (96.60 to 97.60): VY001039.D (-1412) (-)

Ion 82.90 (82.60 to 83.60): VY001039.D (-1412) (-)

Ion 84.90 (84.60 to 85.60): VY001039.D (-1412) (-)

Ion 98.90 (98.60 to 99.60): VY001039.D (-1412) (-)



#56

Ethyl methacrylate

Concen: 20.307 ug/l

RT: 10.51 min Scan# 1439

Delta R.T. 0.00 min

Lab File: VY001039.D

Acq: 24 Dec 2019 11:58

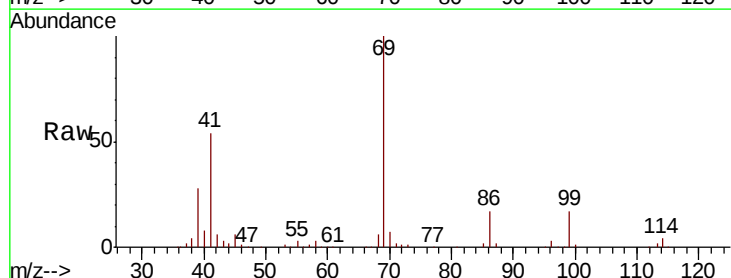
Tgt Ion: 69 Resp: 90942

Ion Ratio Lower Upper

69 100

41 55.5 44.7 67.1

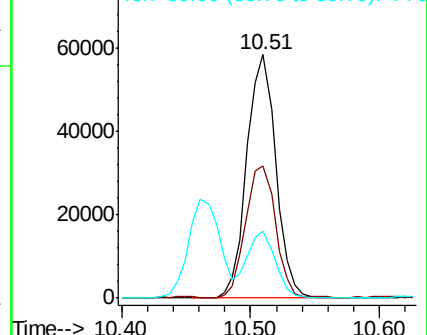
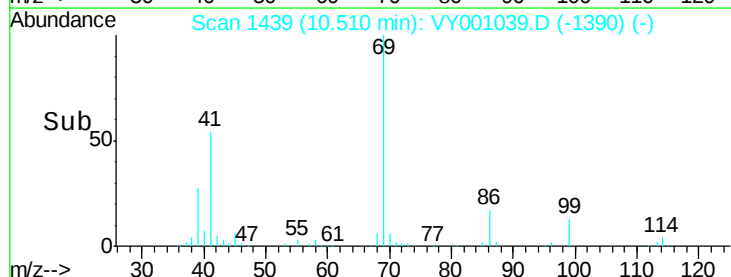
39 27.5 22.2 33.4

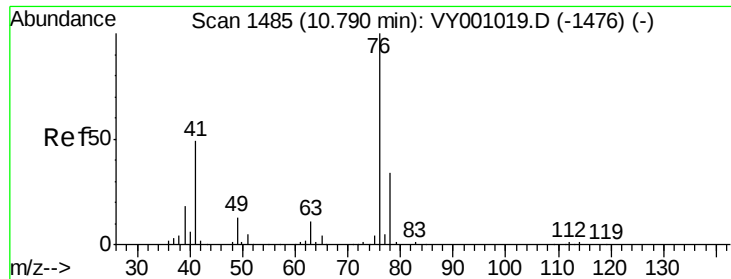


Abundance Ion 69.00 (68.70 to 69.70): VY001039.D (-1390) (-)

Ion 41.00 (40.70 to 41.70): VY001039.D (-1390) (-)

Ion 39.00 (38.70 to 39.70): VY001039.D (-1390) (-)





#57

1,3-Dichloropropane

Concen: 21.041 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VY001039.D

Acq: 24 Dec 2019 11:58

Instrument :

MSVOA_Y

ClientSampleId :

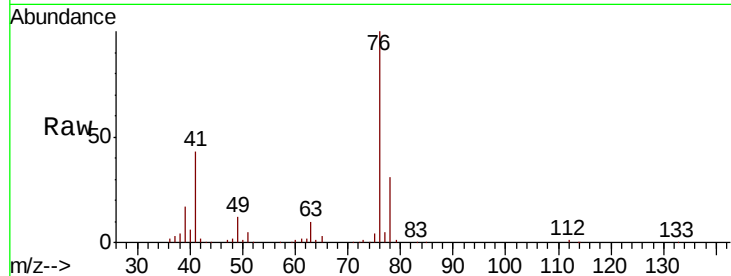
VY1224SBS01

Tgt Ion: 76 Resp: 116054

Ion Ratio Lower Upper

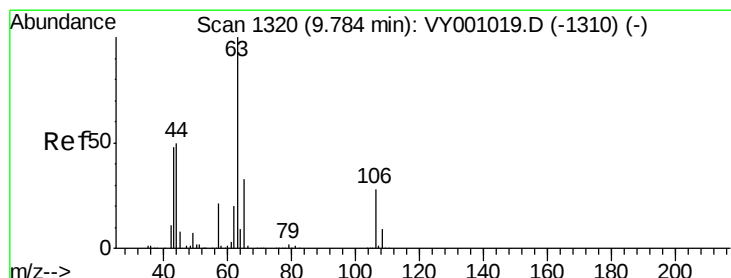
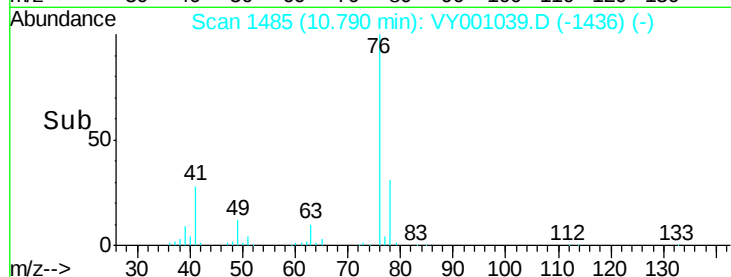
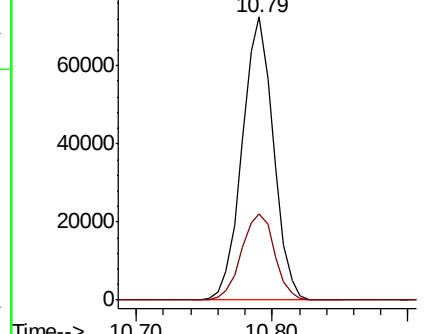
76 100

78 32.1 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#58

2-Chloroethyl Vinyl ether

Concen: 99.340 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. 0.00 min

Lab File: VY001039.D

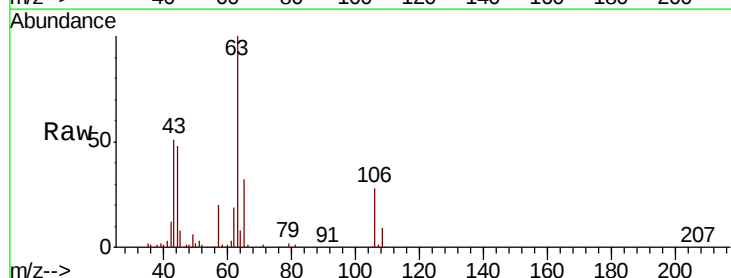
Acq: 24 Dec 2019 11:58

Tgt Ion: 63 Resp: 171834

Ion Ratio Lower Upper

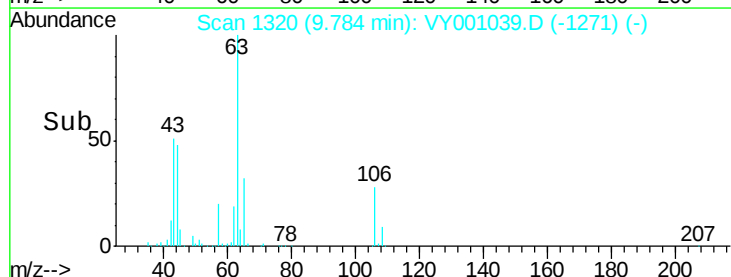
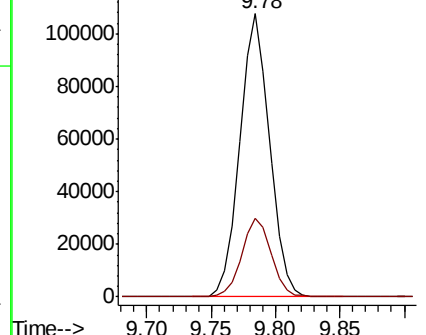
63 100

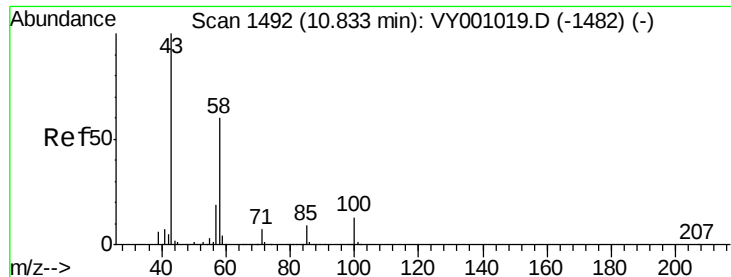
106 27.6 22.7 34.1



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

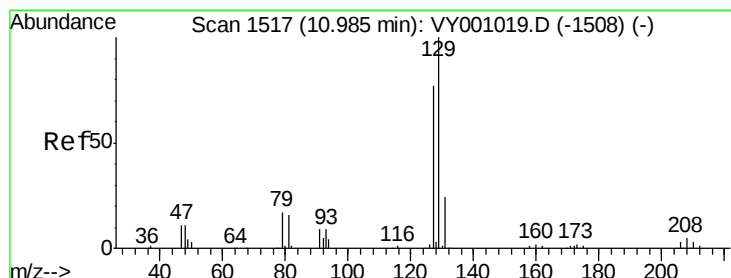
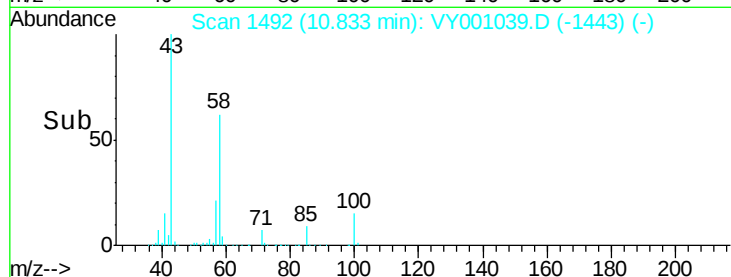
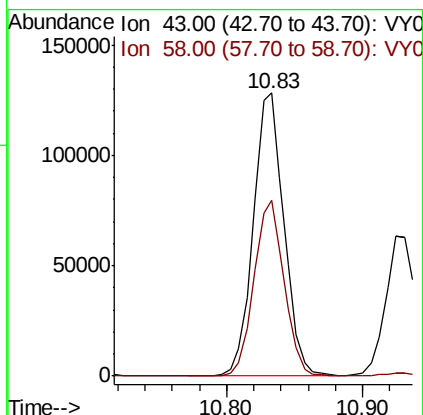
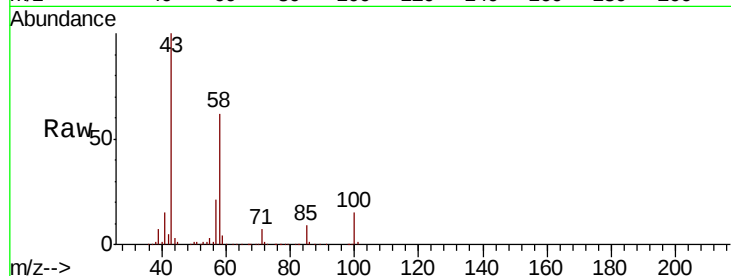




#59
2-Hexanone
Concen: 101.879 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY001039.D
Acq: 24 Dec 2019 11:58

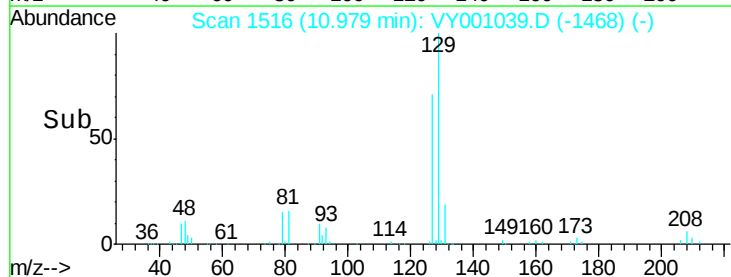
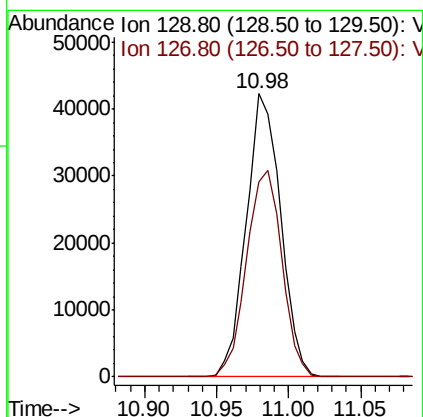
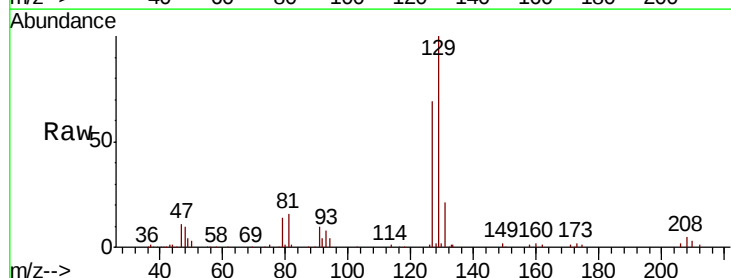
Instrument :
MSVOA_Y
ClientSampleId :
VY1224SBS01

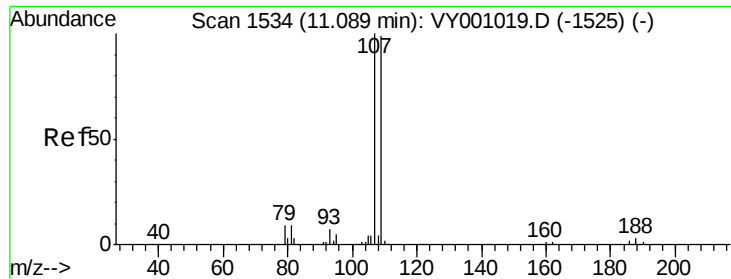
Tgt Ion: 43 Resp: 203473
Ion Ratio Lower Upper
43 100
58 60.8 30.6 91.6



#60
Dibromochloromethane
Concen: 20.825 ug/l
RT: 10.98 min Scan# 1516
Delta R.T. -0.01 min
Lab File: VY001039.D
Acq: 24 Dec 2019 11:58

Tgt Ion: 129 Resp: 69997
Ion Ratio Lower Upper
129 100
127 74.9 39.1 117.3

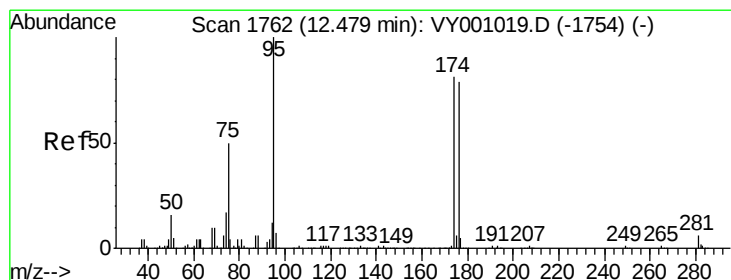
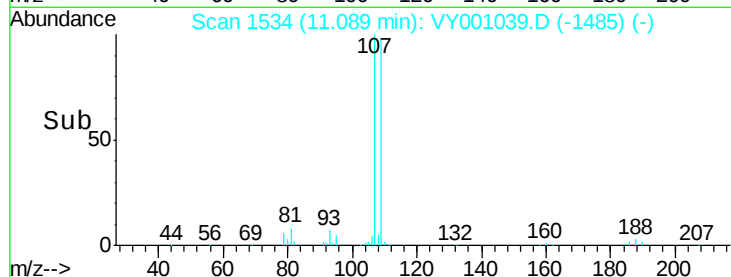
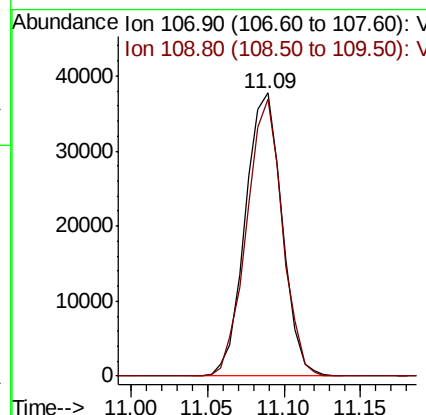
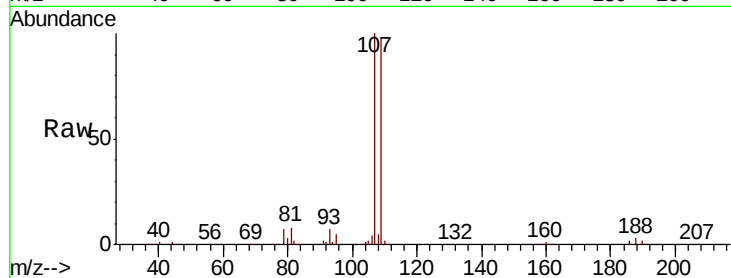




#61
1,2-Dibromoethane
Concen: 20.924 ug/l
RT: 11.09 min Scan# 1534
Delta R.T. 0.00 min
Lab File: VY001039.D
Acq: 24 Dec 2019 11:58

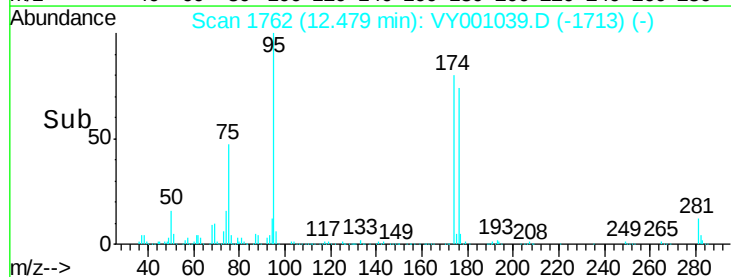
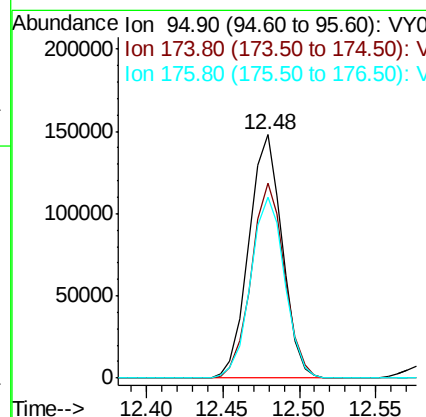
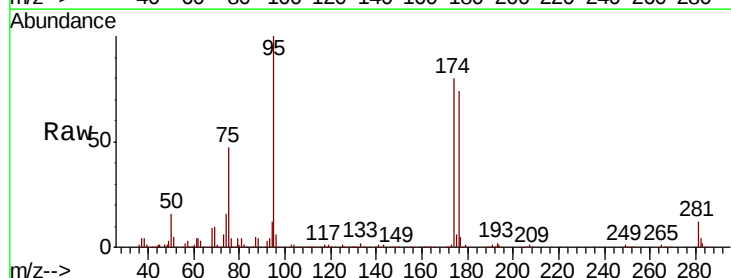
Instrument :
MSVOA_Y
ClientSampleId :
VY1224SBS01

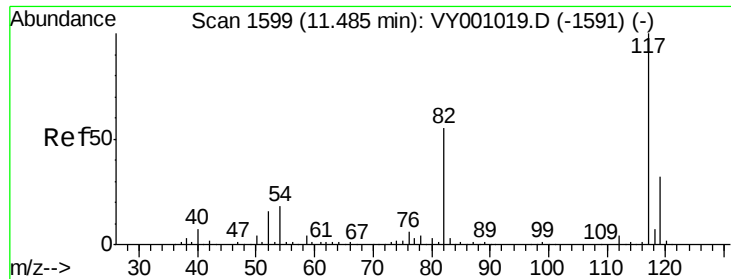
Tgt Ion: 107 Resp: 62962
Ion Ratio Lower Upper
107 100
109 95.4 74.8 112.2



#62
4-Bromofluorobenzene
Concen: 47.034 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.00 min
Lab File: VY001039.D
Acq: 24 Dec 2019 11:58

Tgt Ion: 95 Resp: 224111
Ion Ratio Lower Upper
95 100
174 80.1 0.0 156.4
176 75.7 0.0 155.0

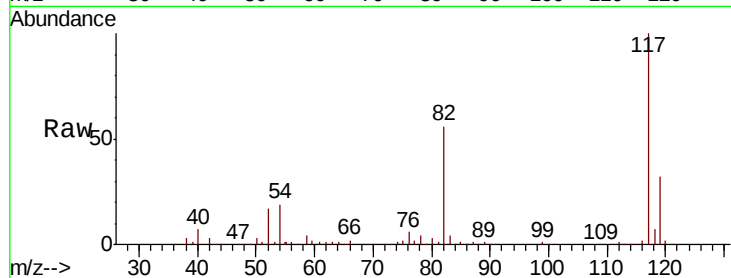




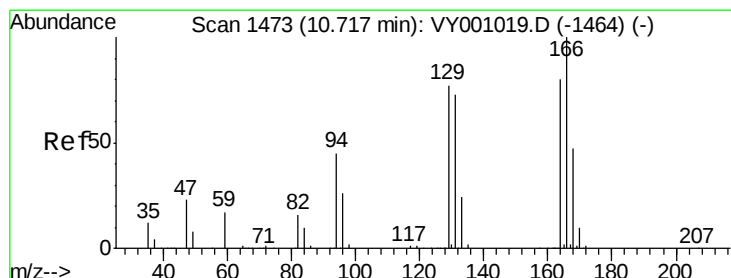
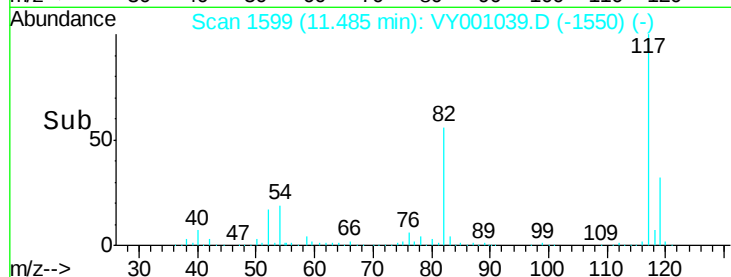
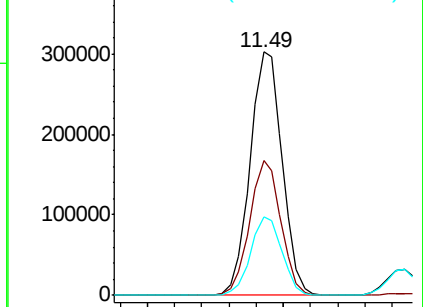
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VY001039.D
Acq: 24 Dec 2019 11:58

Instrument :
MSVOA_Y
ClientSampleId :
VY1224SBS01

Tgt Ion:117 Resp: 499790
Ion Ratio Lower Upper
117 100
82 55.5 43.8 65.8
119 32.4 25.8 38.6

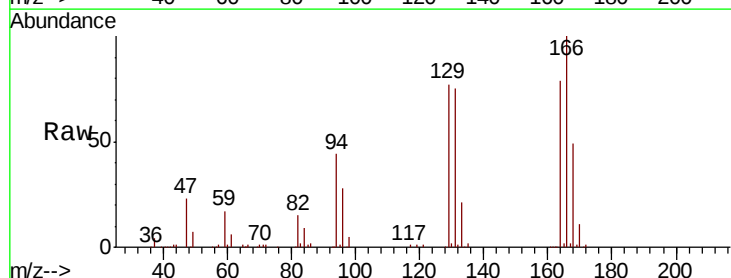


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

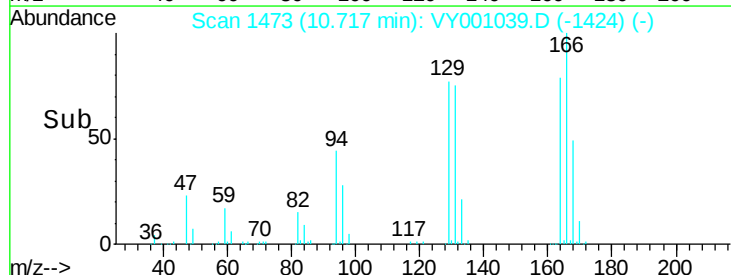
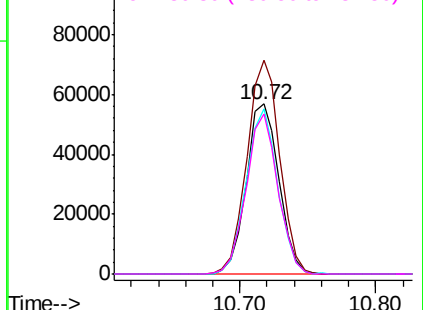


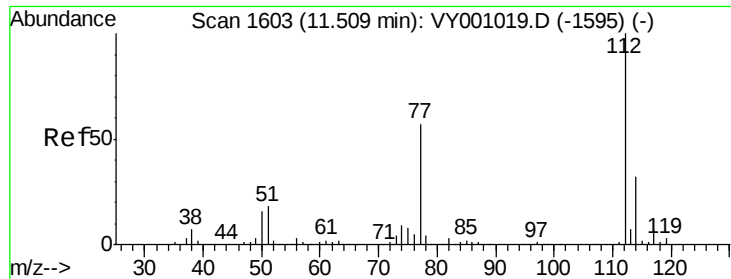
#64
Tetrachloroethene
Concen: 22.092 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY001039.D
Acq: 24 Dec 2019 11:58

Tgt Ion:164 Resp: 95532
Ion Ratio Lower Upper
164 100
166 125.9 99.7 149.5
129 97.2 76.9 115.3
131 94.5 72.3 108.5



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

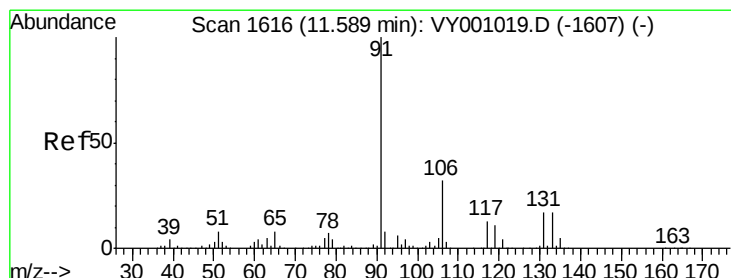
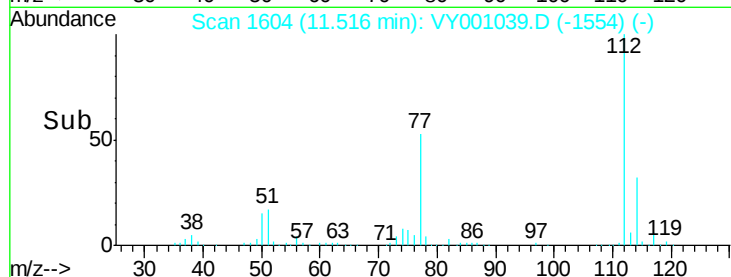
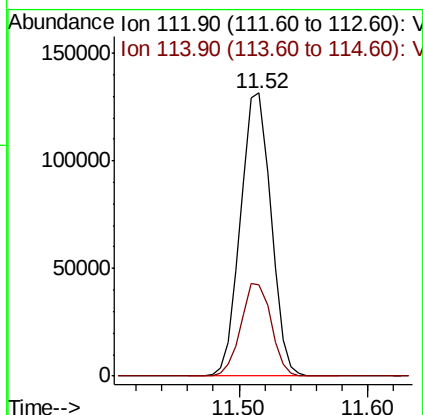
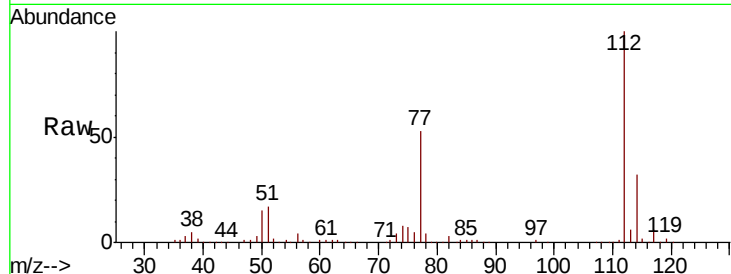




#65
Chlorobenzene
Concen: 20.791 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.01 min
Lab File: VY001039.D
Acq: 24 Dec 2019 11:58

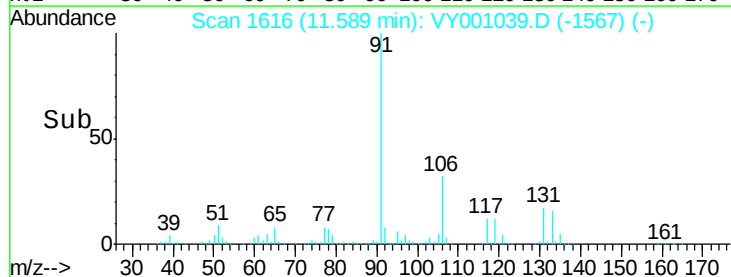
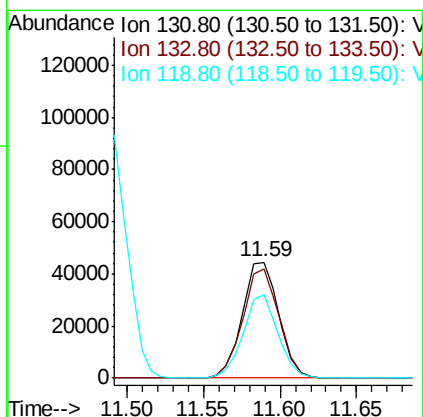
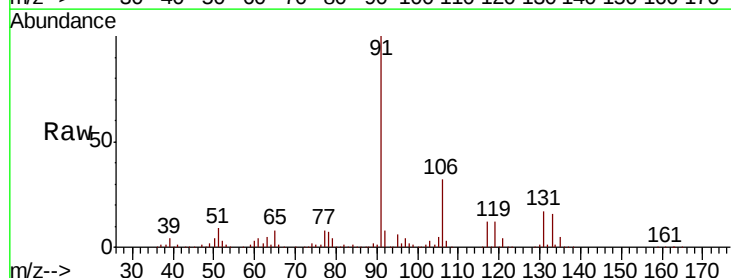
Instrument :
MSVOA_Y
ClientSampleId :
VY1224SBSD01

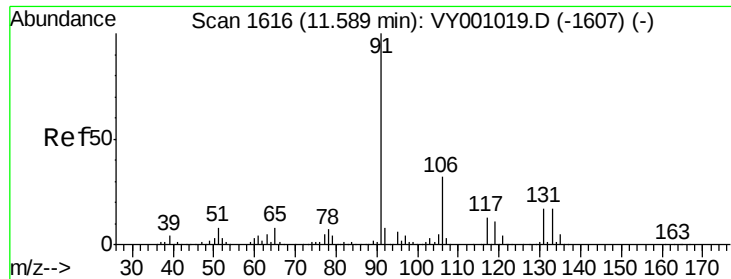
Tgt Ion:112 Resp: 215543
Ion Ratio Lower Upper
112 100
114 32.3 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 21.533 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY001039.D
Acq: 24 Dec 2019 11:58

Tgt Ion:131 Resp: 73668
Ion Ratio Lower Upper
131 100
133 93.9 48.1 144.4
119 68.5 34.0 101.8

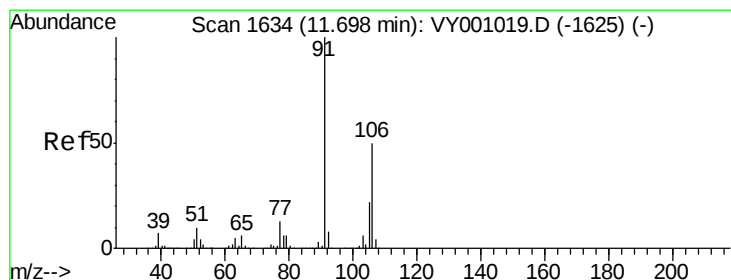
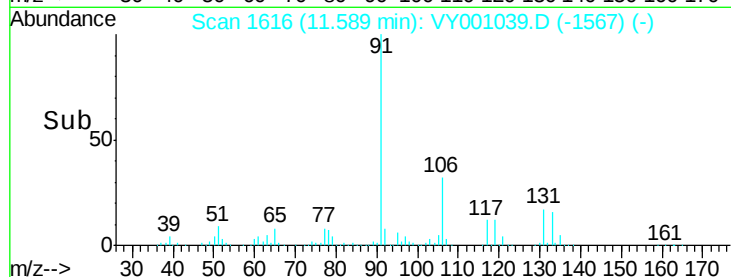
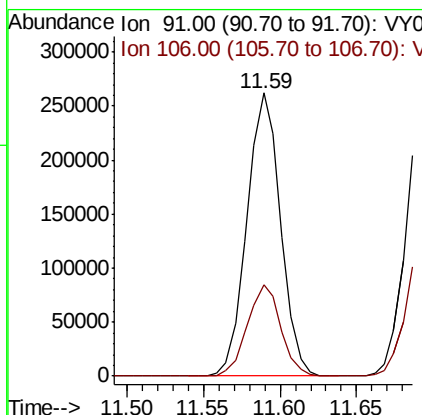
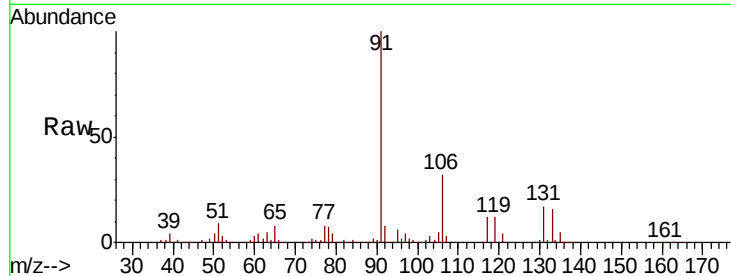




#67
Ethyl Benzene
Concen: 21.450 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY001039.D
Acq: 24 Dec 2019 11:58

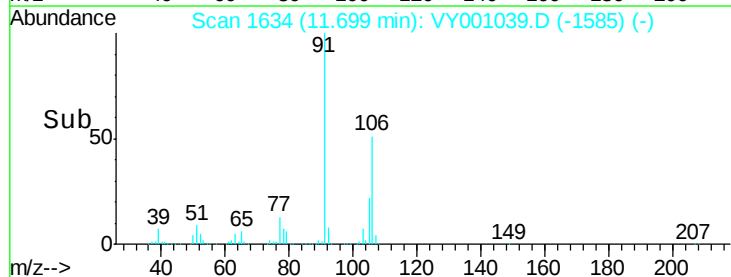
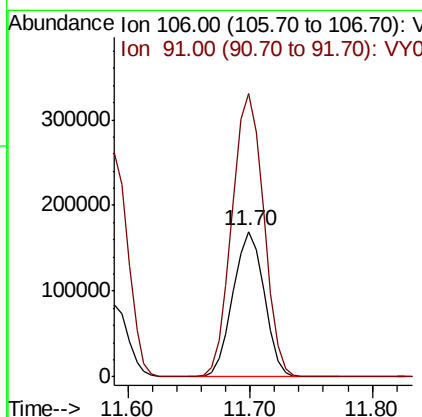
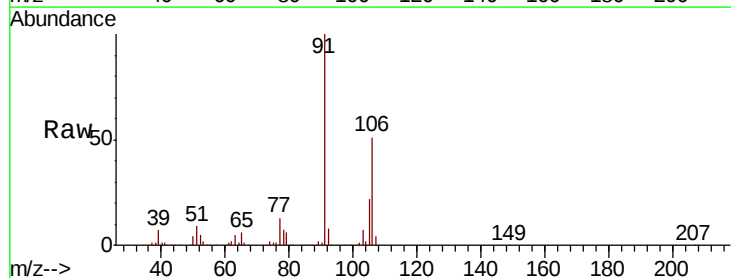
Instrument :
MSVOA_Y
ClientSampleId :
VY1224SBS01

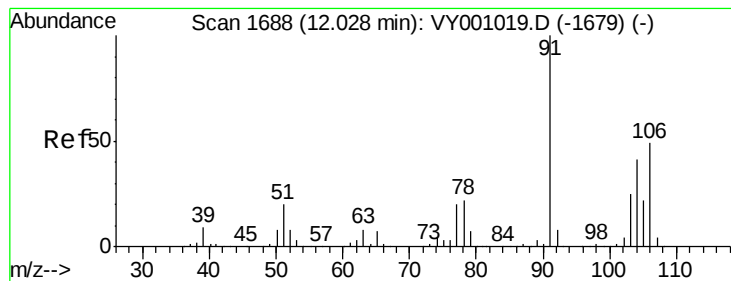
Tgt Ion: 91 Resp: 399987
Ion Ratio Lower Upper
91 100
106 32.3 25.3 37.9



#68
m/p-Xylenes
Concen: 42.444 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VY001039.D
Acq: 24 Dec 2019 11:58

Tgt Ion: 106 Resp: 300512
Ion Ratio Lower Upper
106 100
91 197.7 156.4 234.6





#69

o-Xylene

Concen: 21.361 ug/l

RT: 12.02 min Scan# 1687

Delta R.T. -0.01 min

Lab File: VY001039.D

Acq: 24 Dec 2019 11:58

Instrument :

MSVOA_Y

ClientSampleId :

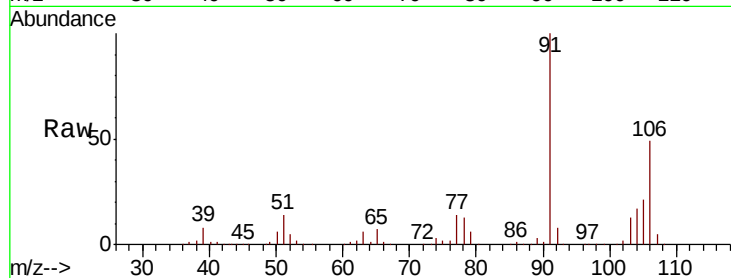
VY1224SBS01

Tgt Ion:106 Resp: 142285

Ion Ratio Lower Upper

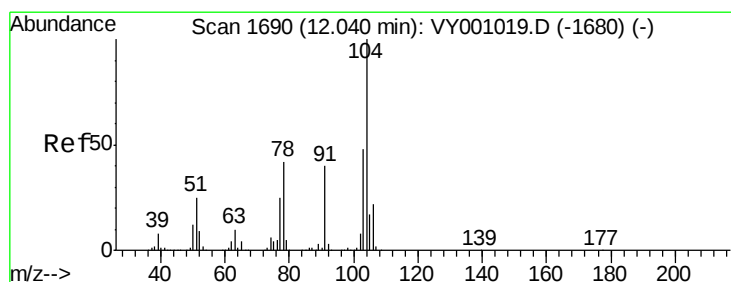
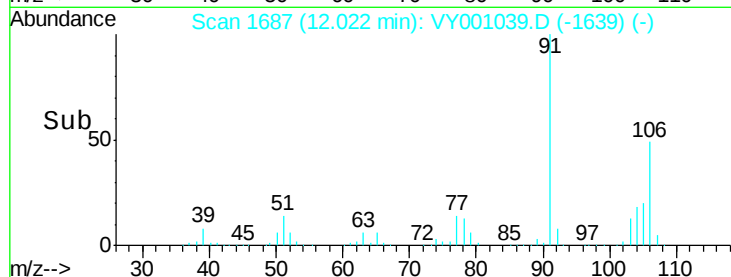
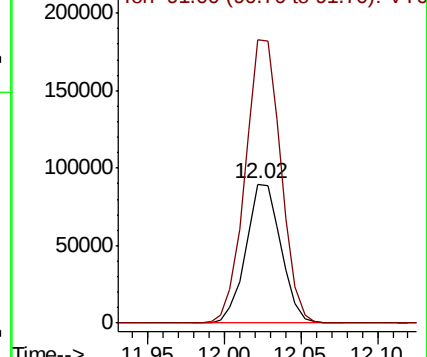
106 100

91 207.6 103.0 309.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VY0



#70

Styrene

Concen: 21.253 ug/l

RT: 12.04 min Scan# 1690

Delta R.T. 0.00 min

Lab File: VY001039.D

Acq: 24 Dec 2019 11:58

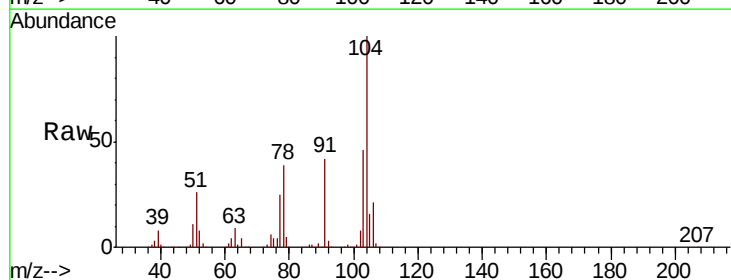
Tgt Ion:104 Resp: 240706

Ion Ratio Lower Upper

104 100

78 45.4 36.6 54.8

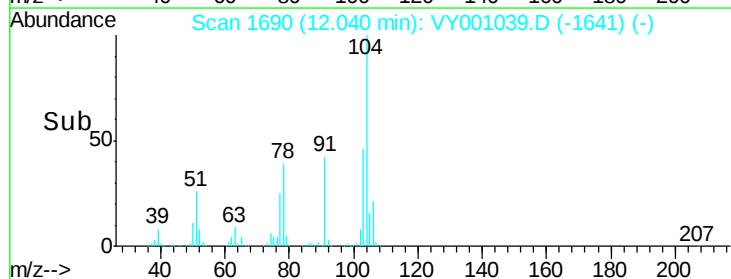
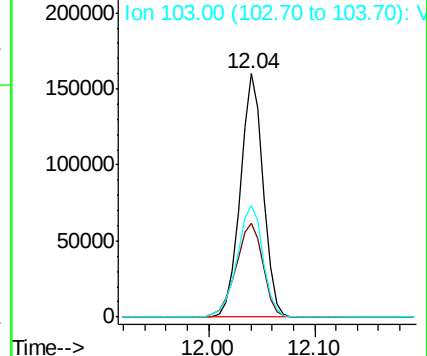
103 52.0 42.6 64.0

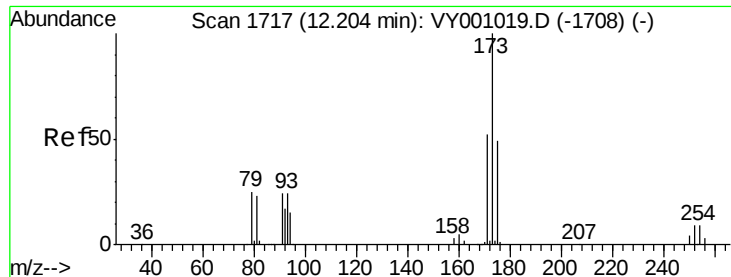


Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VY0

Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 21.402 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VY001039.D

Acq: 24 Dec 2019 11:58

Instrument :

MSVOA_Y

ClientSampleId :

VY1224SBS01

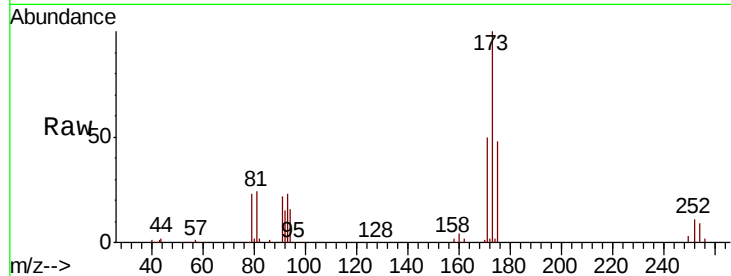
Tgt Ion:173 Resp: 40771

Ion Ratio Lower Upper

173 100

175 48.9 24.5 73.5

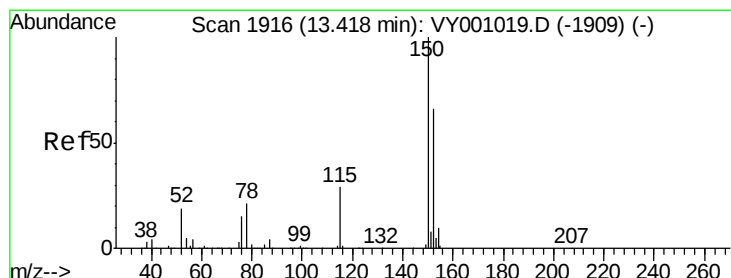
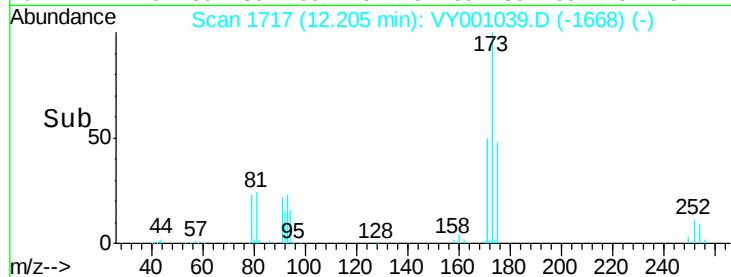
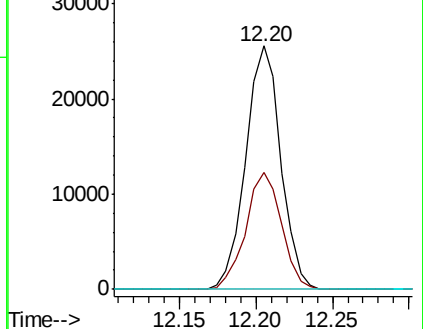
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. 0.01 min

Lab File: VY001039.D

Acq: 24 Dec 2019 11:58

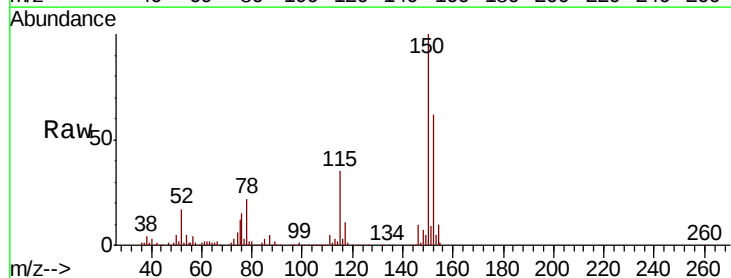
Tgt Ion:152 Resp: 230247

Ion Ratio Lower Upper

152 100

115 58.8 29.8 89.3

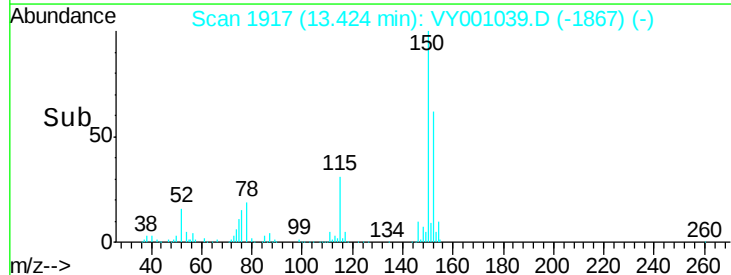
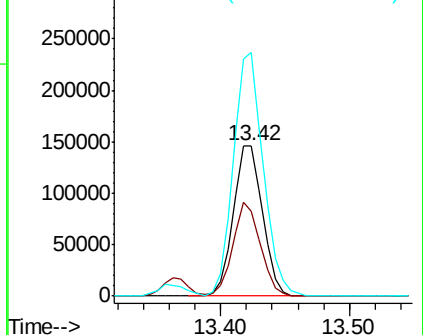
150 165.5 0.0 352.6

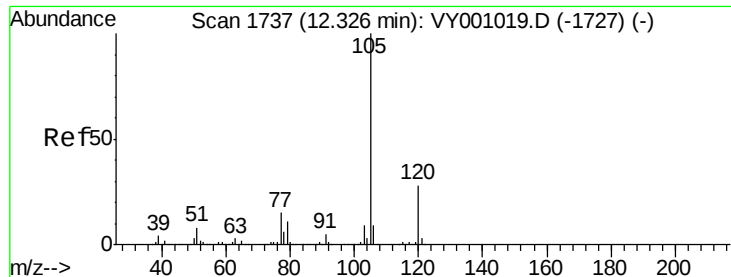


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.342 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY001039.D

Acq: 24 Dec 2019 11:58

Instrument :

MSVOA_Y

ClientSampleId :

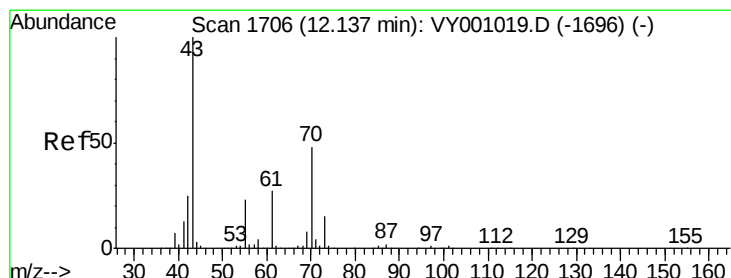
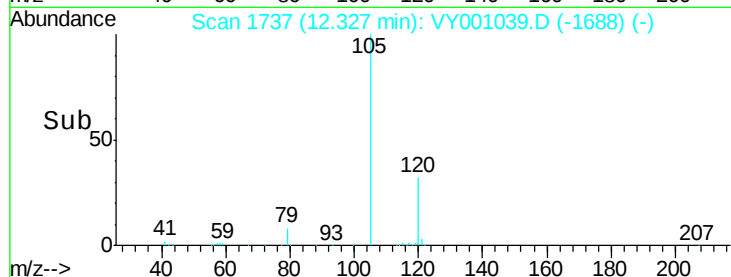
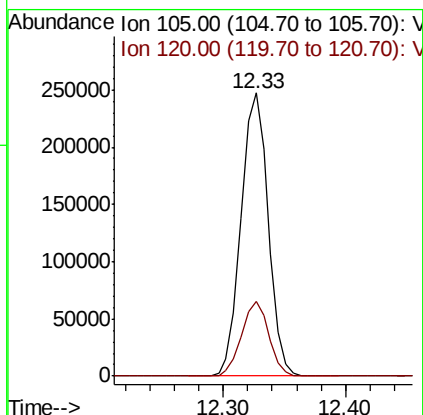
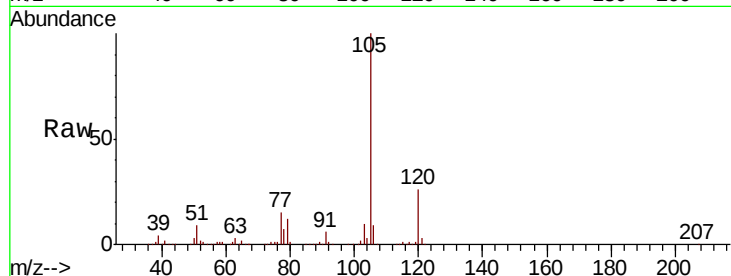
VY1224SBS01

Tgt Ion: 105 Resp: 380263

Ion Ratio Lower Upper

105 100

120 26.5 13.4 40.2



#74

N-ethyl acetate

Concen: 20.201 ug/l

RT: 12.14 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VY001039.D

Acq: 24 Dec 2019 11:58

Tgt Ion: 43 Resp: 94557

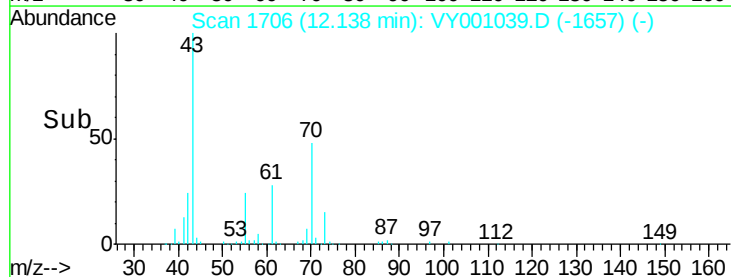
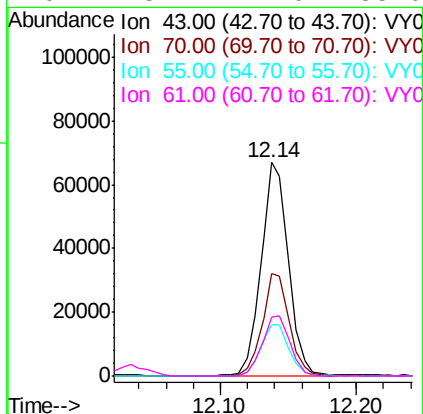
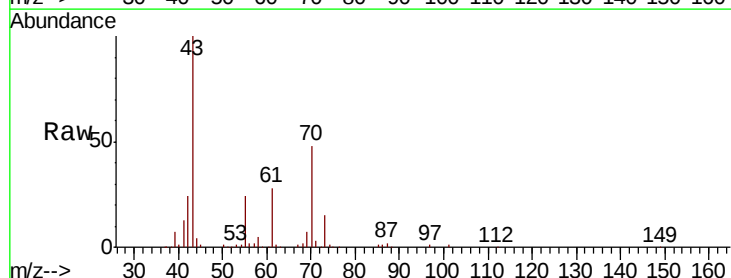
Ion Ratio Lower Upper

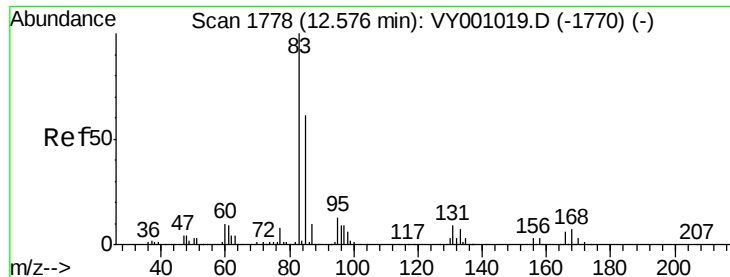
43 100

70 47.7 39.0 58.6

55 25.6 19.5 29.3

61 28.7 22.0 33.0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.463 ug/l

RT: 12.58 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VY001039.D

Acq: 24 Dec 2019 11:58

Instrument :

MSVOA_Y

ClientSampleId :

VY1224SBS01

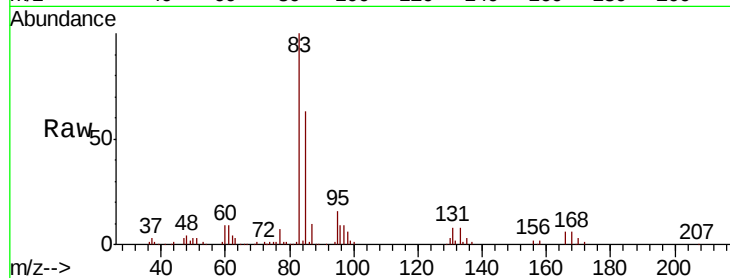
Tgt Ion: 83 Resp: 71825

Ion Ratio Lower Upper

83 100

131 9.8 5.1 15.3

85 66.3 32.1 96.5



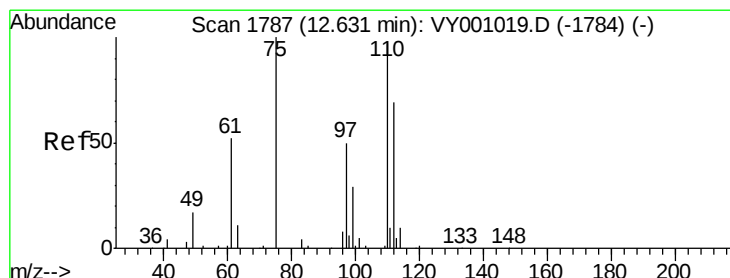
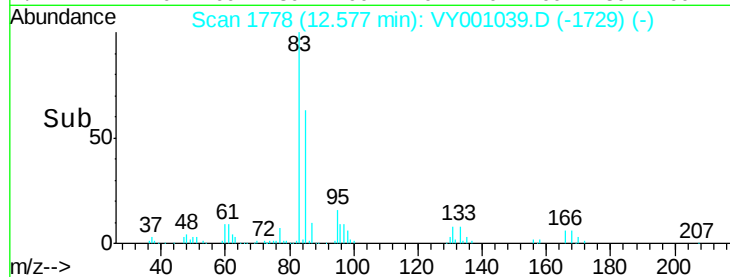
Abundance Ion 82.90 (82.60 to 83.60): VY001039.D (-1770) (-)

Ion 130.80 (130.50 to 131.50): VY001039.D (-1770) (-)

Ion 84.90 (84.60 to 85.60): VY001039.D (-1770) (-)

12.58

Time-->



#76

1,2,3-Trichloropropane

Concen: 34.622 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. 0.00 min

Lab File: VY001039.D

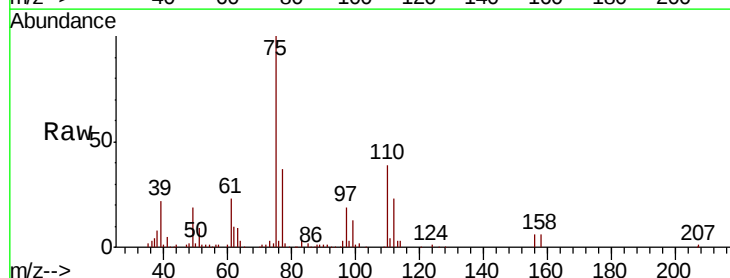
Acq: 24 Dec 2019 11:58

Tgt Ion: 75 Resp: 98273

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

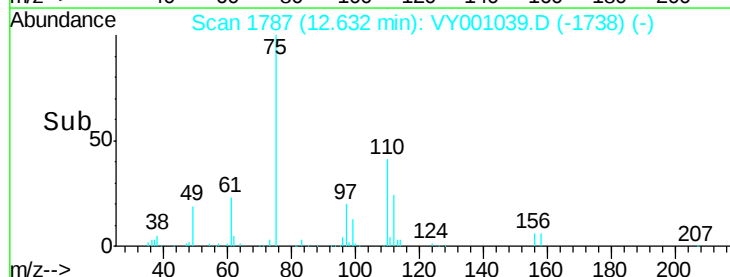


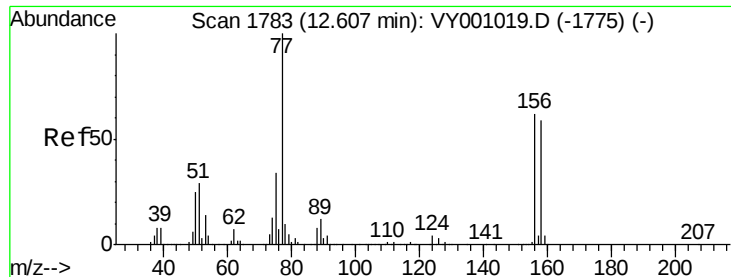
Abundance Ion 74.90 (74.60 to 75.60): VY001039.D (-1784) (-)

Ion 77.00 (76.70 to 77.70): VY001039.D (-1784) (-)

12.63

Time-->





#77

Bromobenzene

Concen: 21.002 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY001039.D

Acq: 24 Dec 2019 11:58

Instrument :

MSVOA_Y

ClientSampleId :

VY1224SBS01

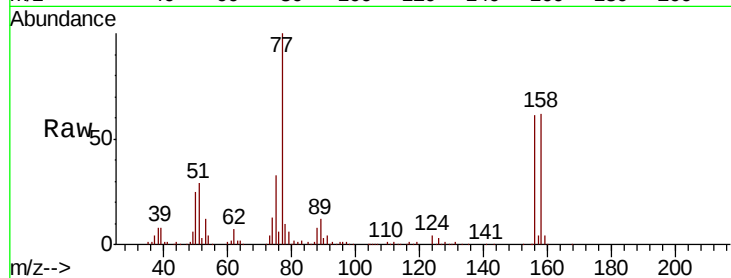
Tgt Ion:156 Resp: 84159

Ion Ratio Lower Upper

156 100

77 197.3 98.0 294.1

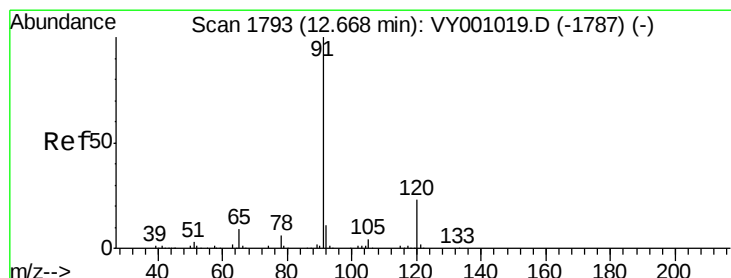
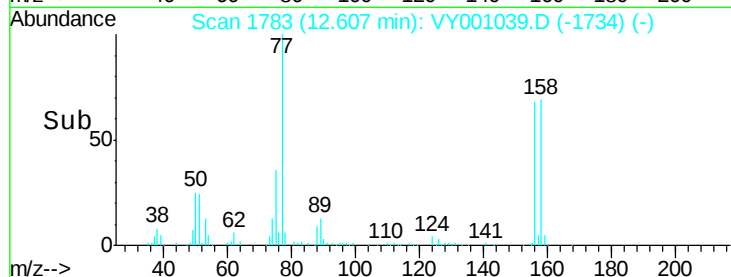
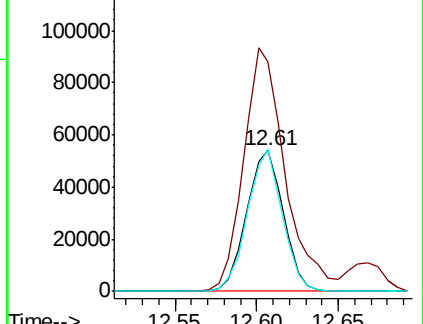
158 96.4 48.5 145.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.057 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VY001039.D

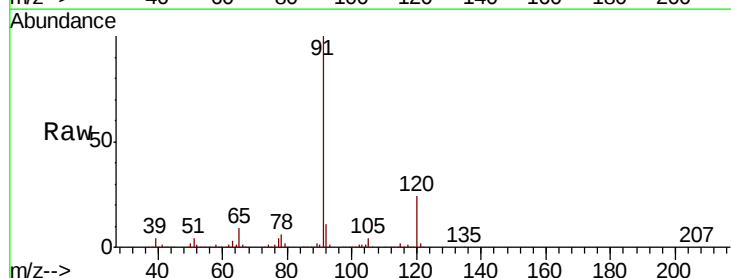
Acq: 24 Dec 2019 11:58

Tgt Ion: 91 Resp: 457157

Ion Ratio Lower Upper

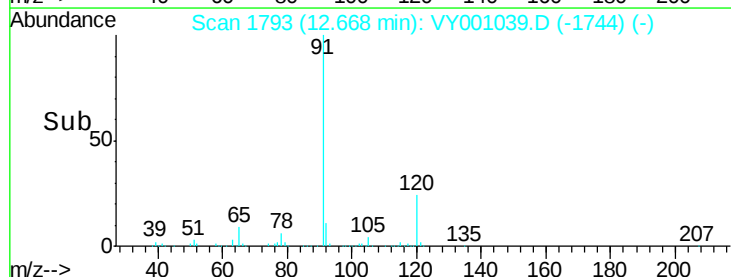
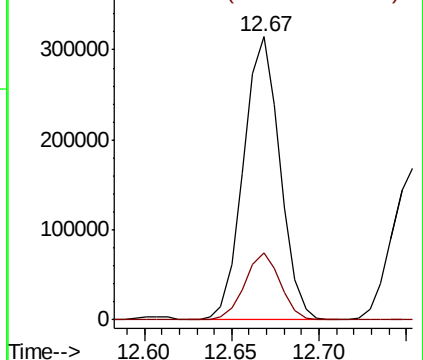
91 100

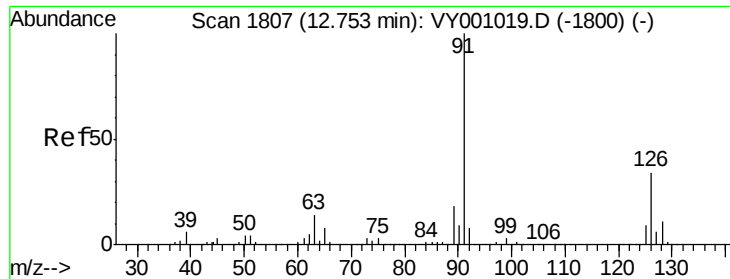
120 23.1 11.4 34.2



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

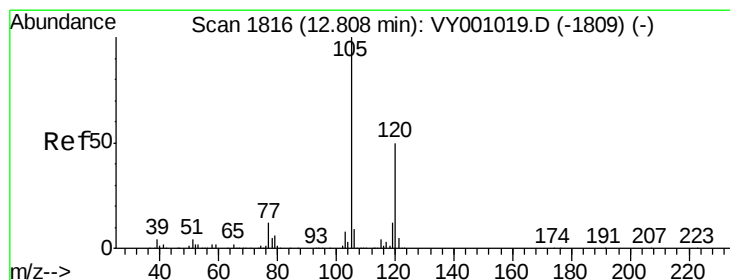
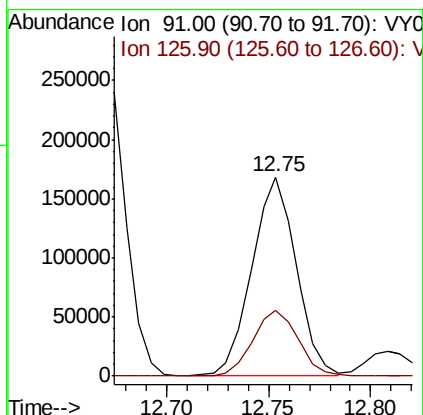
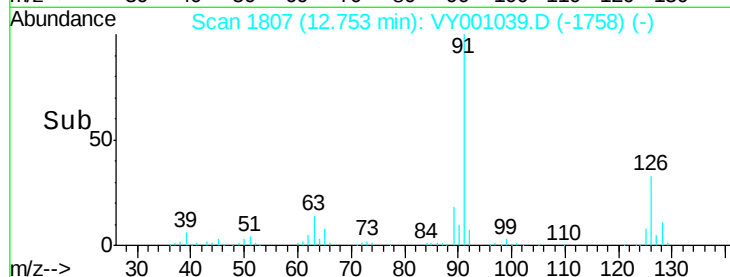
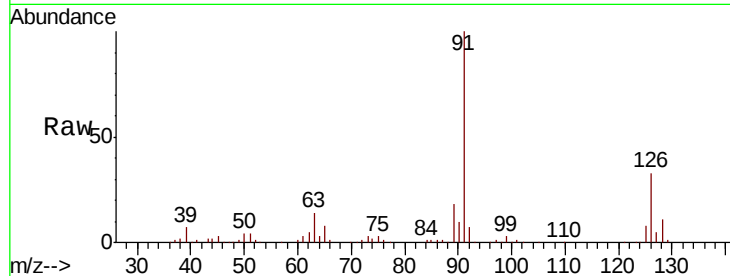




#79
 2-Chlorotoluene
 Concen: 21.269 ug/l
 RT: 12.75 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VY001039.D
 Acq: 24 Dec 2019 11:58

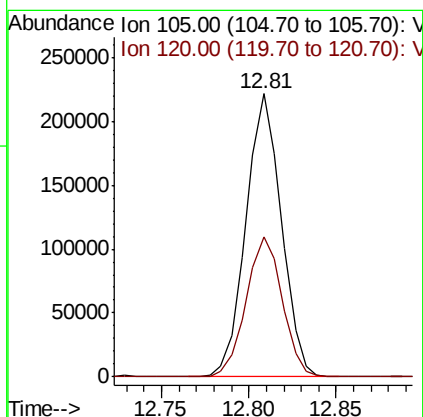
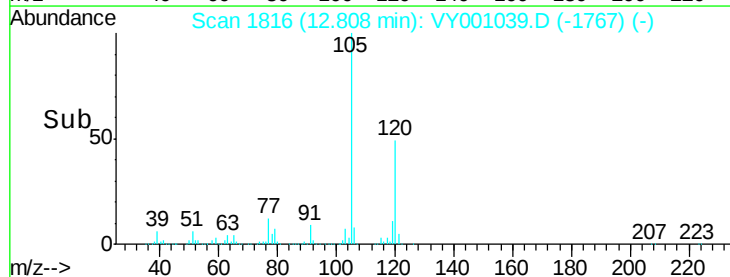
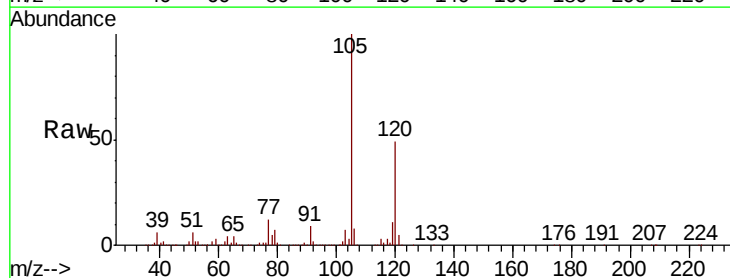
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1224SBS01

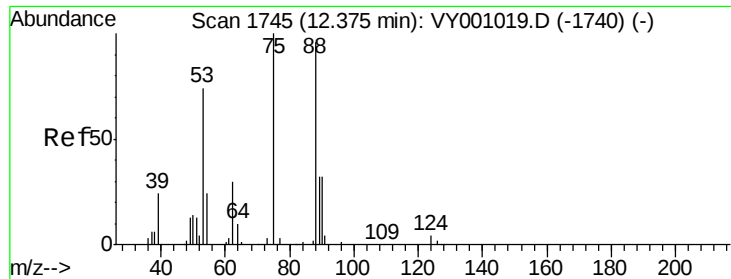
Tgt Ion: 91 Resp: 255008
 Ion Ratio Lower Upper
 91 100
 126 33.9 17.3 51.7



#80
 1,3,5-Trimethylbenzene
 Concen: 21.368 ug/l
 RT: 12.81 min Scan# 1816
 Delta R.T. 0.00 min
 Lab File: VY001039.D
 Acq: 24 Dec 2019 11:58

Tgt Ion: 105 Resp: 312073
 Ion Ratio Lower Upper
 105 100
 120 50.4 25.1 75.4





#81

trans-1,4-Dichloro-2-butene

Concen: 20.552 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VY001039.D

Acq: 24 Dec 2019 11:58

Instrument :

MSVOA_Y

ClientSampleId :

VY1224SBS01

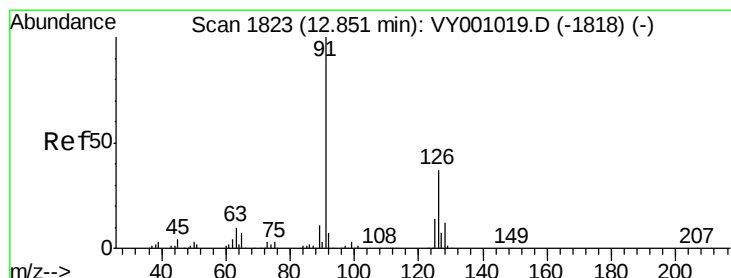
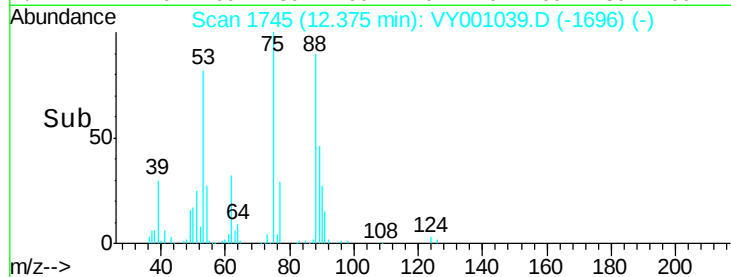
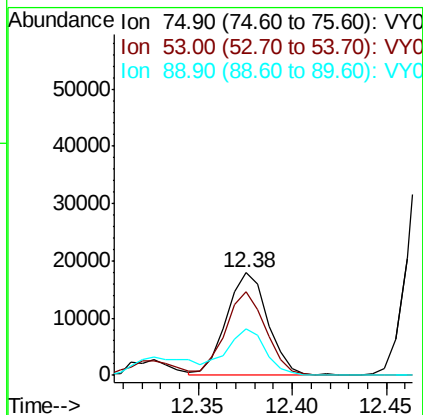
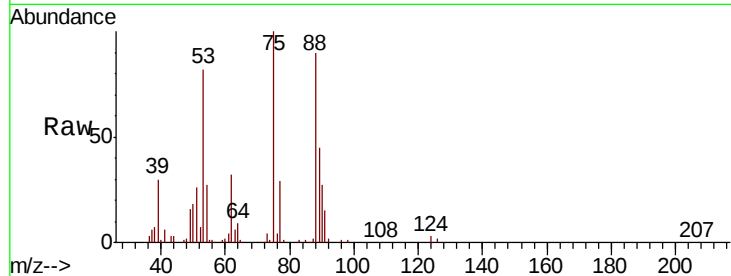
Tgt Ion: 75 Resp: 27352

Ion Ratio Lower Upper

75 100

53 79.6 60.6 91.0

89 43.9 35.4 53.0



#82

4-Chlorotoluene

Concen: 21.268 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. 0.00 min

Lab File: VY001039.D

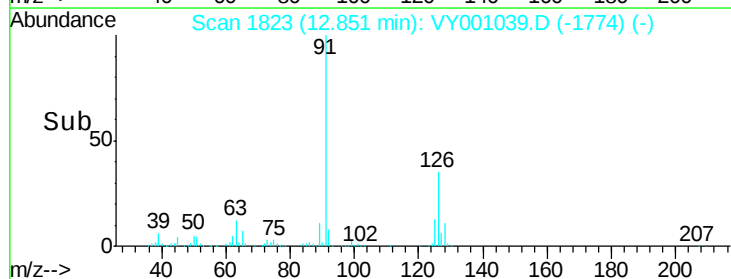
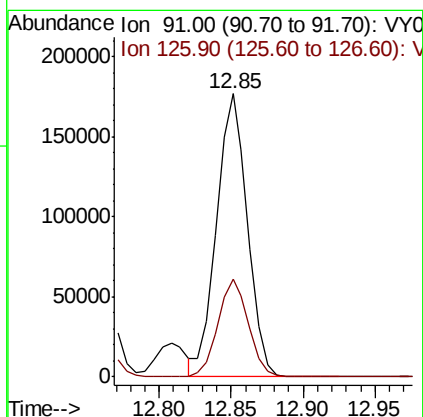
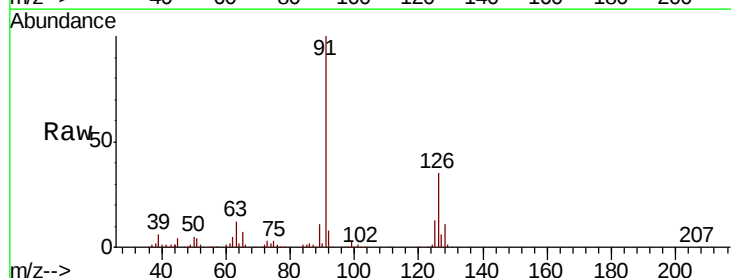
Acq: 24 Dec 2019 11:58

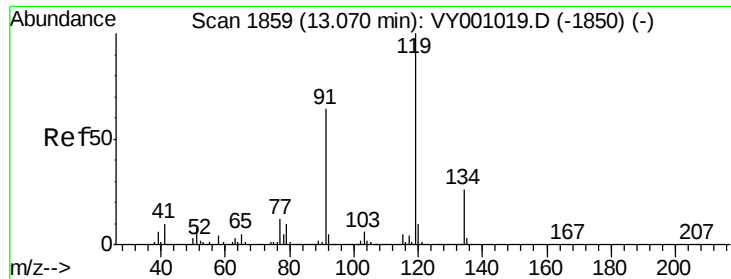
Tgt Ion: 91 Resp: 264856

Ion Ratio Lower Upper

91 100

126 34.2 17.6 52.8

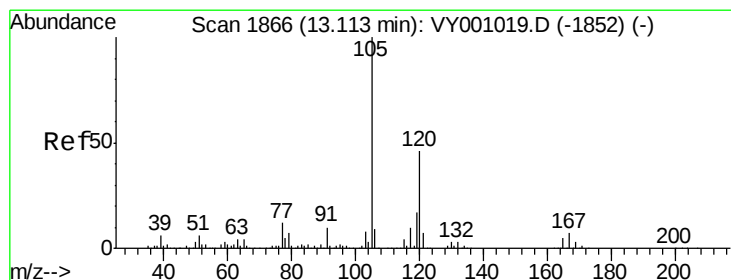
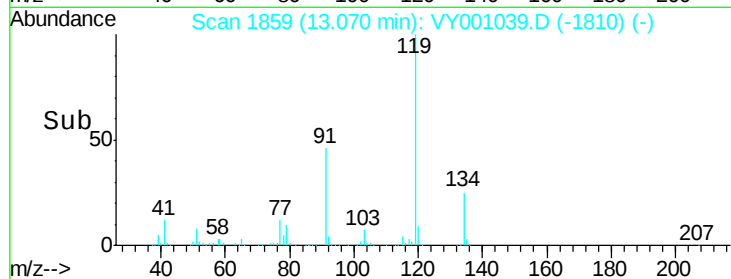
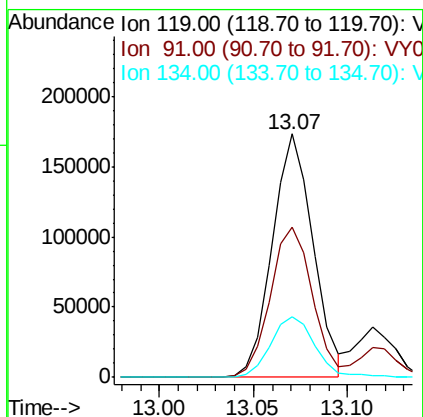
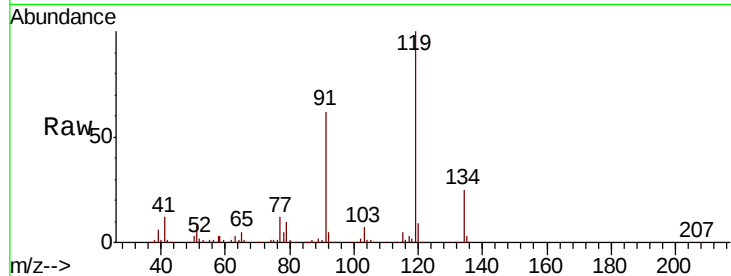




#83
 tert-Butylbenzene
 Concen: 21.154 ug/l
 RT: 13.07 min Scan# 1859
 Delta R.T. 0.00 min
 Lab File: VY001039.D
 Acq: 24 Dec 2019 11:58

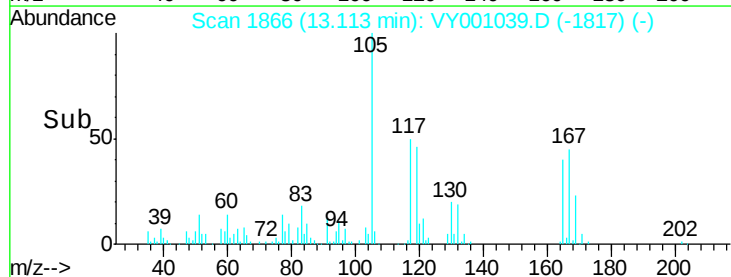
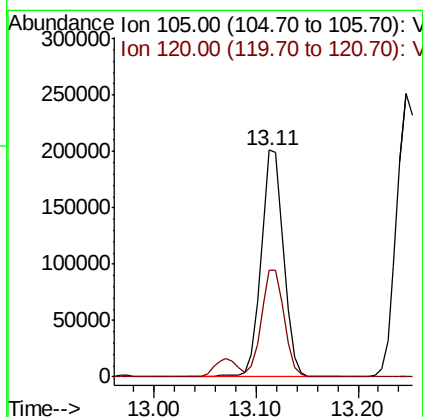
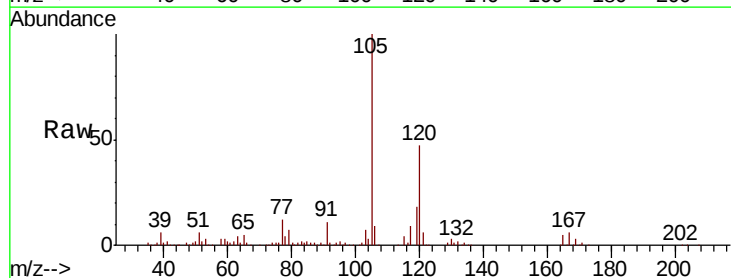
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1224SBS01

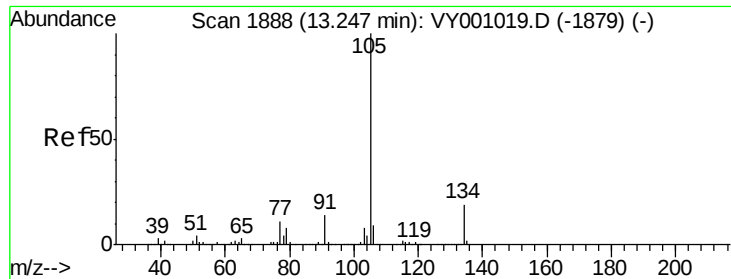
Tgt Ion:119 Resp: 259349
 Ion Ratio Lower Upper
 119 100
 91 63.5 31.9 95.7
 134 27.2 13.6 40.7



#84
 1,2,4-Trimethylbenzene
 Concen: 21.170 ug/l
 RT: 13.11 min Scan# 1866
 Delta R.T. 0.00 min
 Lab File: VY001039.D
 Acq: 24 Dec 2019 11:58

Tgt Ion:105 Resp: 310698
 Ion Ratio Lower Upper
 105 100
 120 47.3 23.4 70.2

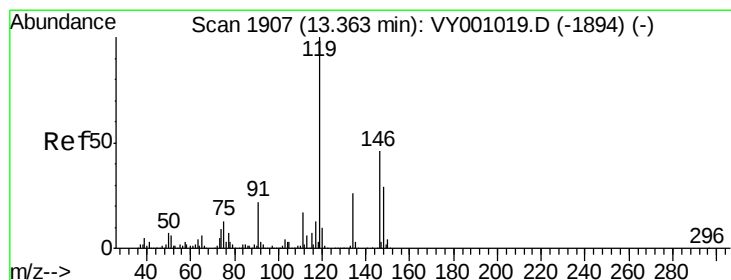
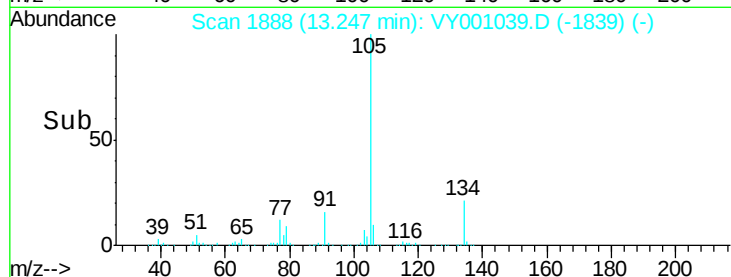
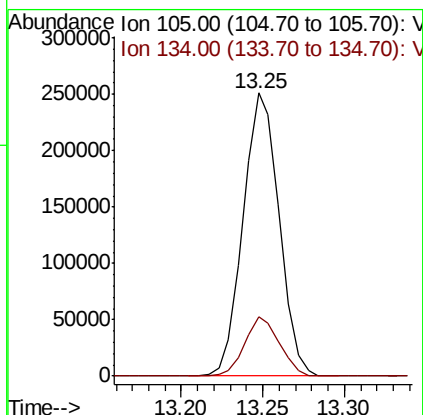
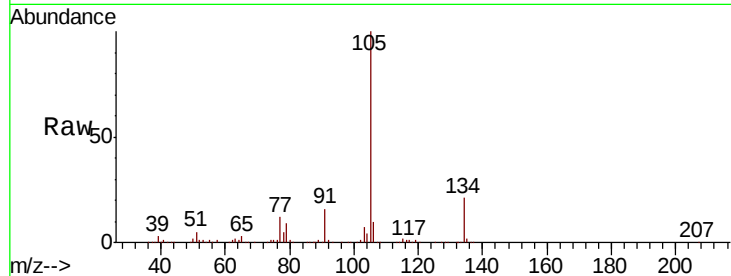




#85
 sec-Butylbenzene
 Concen: 21.332 ug/l
 RT: 13.25 min Scan# 1888
 Delta R.T. 0.00 min
 Lab File: VY001039.D
 Acq: 24 Dec 2019 11:58

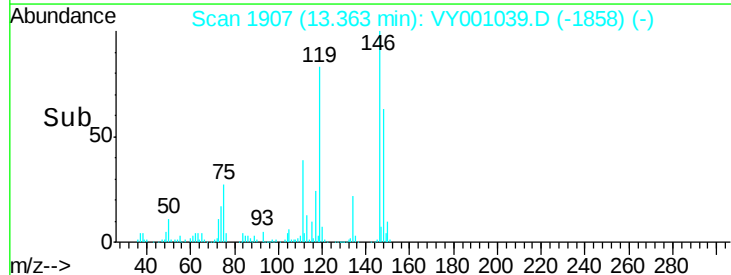
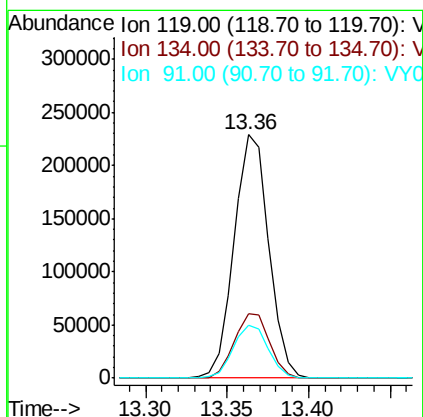
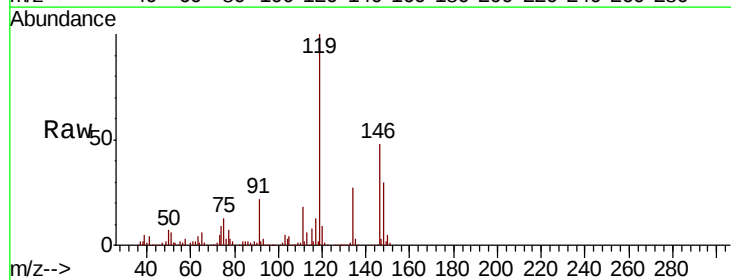
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1224SBS01

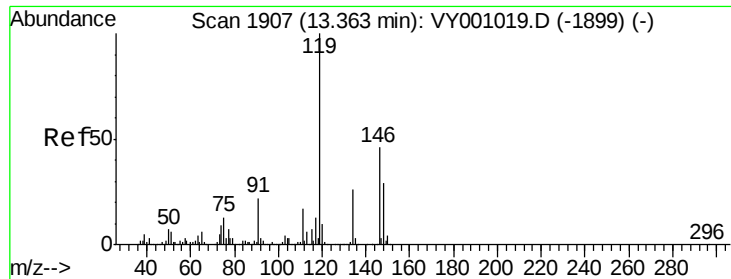
Tgt Ion:105 Resp: 385560
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.0 30.0



#86
 p-Isopropyltoluene
 Concen: 21.665 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VY001039.D
 Acq: 24 Dec 2019 11:58

Tgt Ion:119 Resp: 338826
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.6 40.7
 91 22.1 11.4 34.1

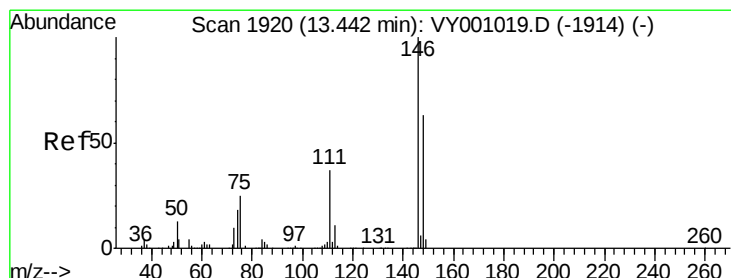
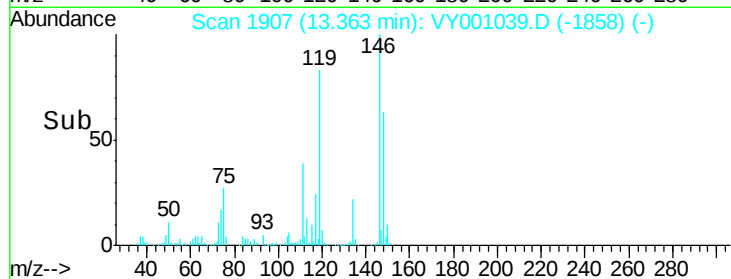
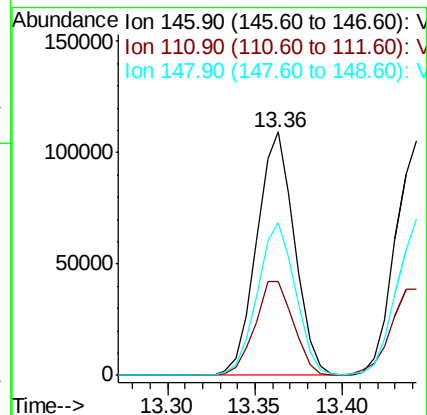
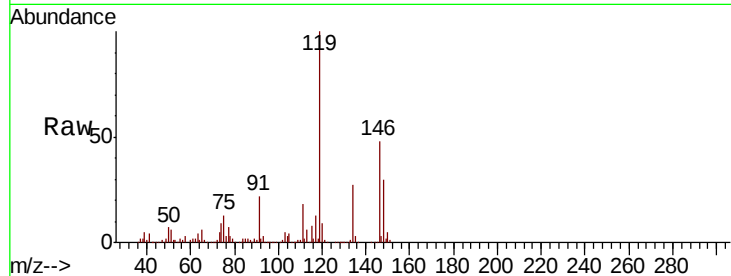




#87
 1,3-Dichlorobenzene
 Concen: 21.467 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VY001039.D
 Acq: 24 Dec 2019 11:58

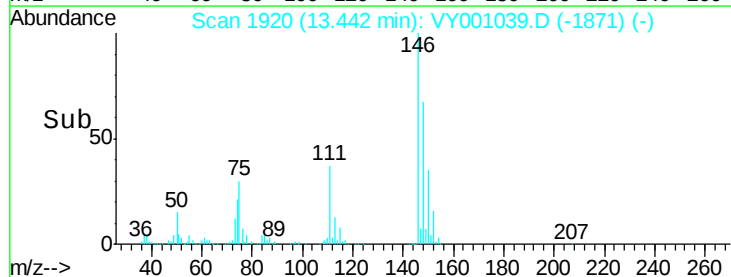
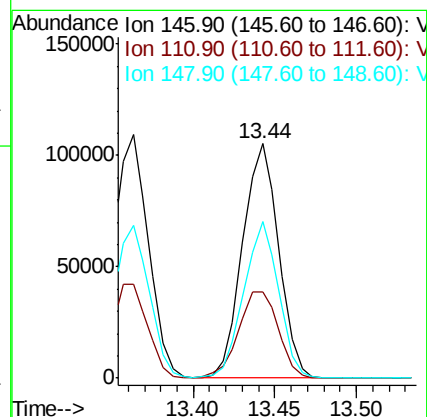
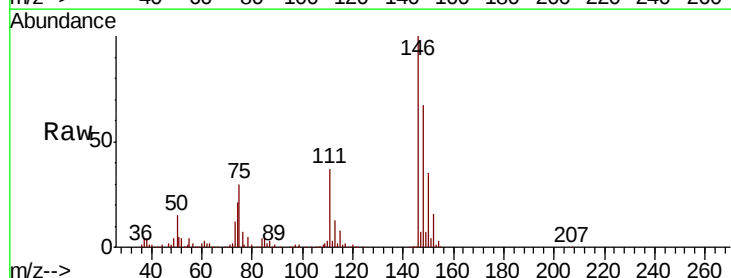
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1224SBS01

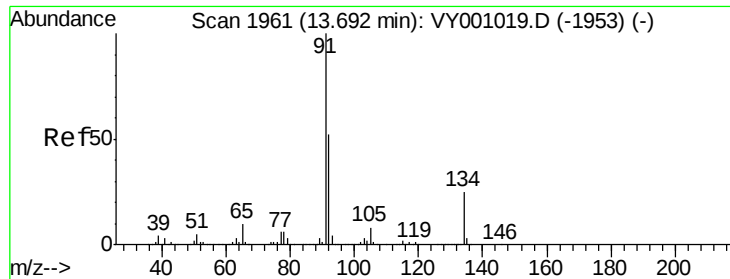
Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.3	19.7	59.0
148	63.2	31.9	95.5



#88
 1,4-Dichlorobenzene
 Concen: 20.922 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. 0.00 min
 Lab File: VY001039.D
 Acq: 24 Dec 2019 11:58

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.9	19.4	58.2
148	64.6	31.8	95.3

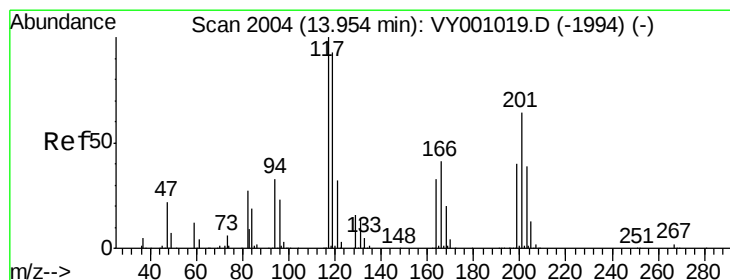
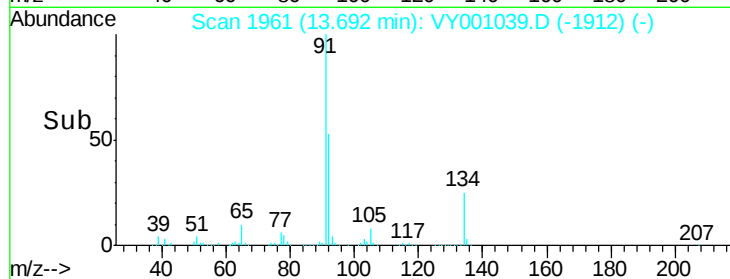
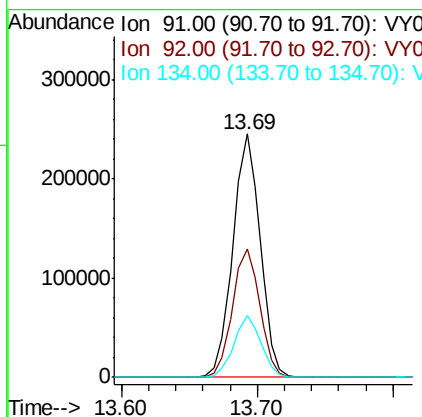
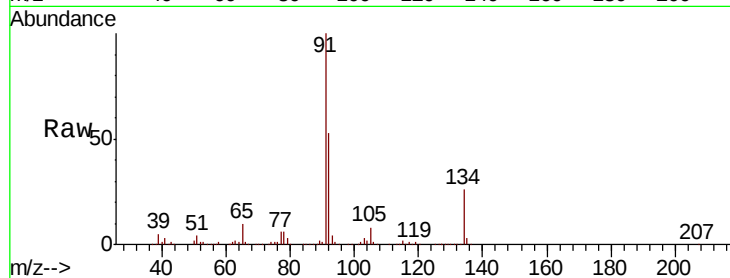




#89
n-Butylbenzene
Concen: 21.757 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. 0.00 min
Lab File: VY001039.D
Acq: 24 Dec 2019 11:58

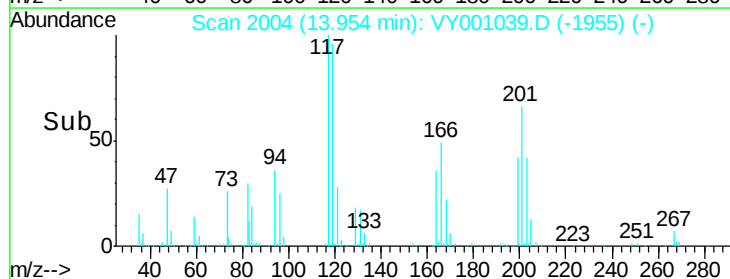
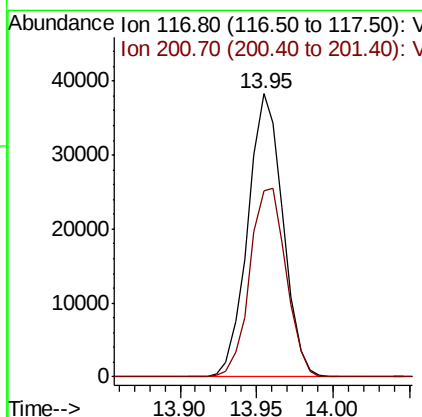
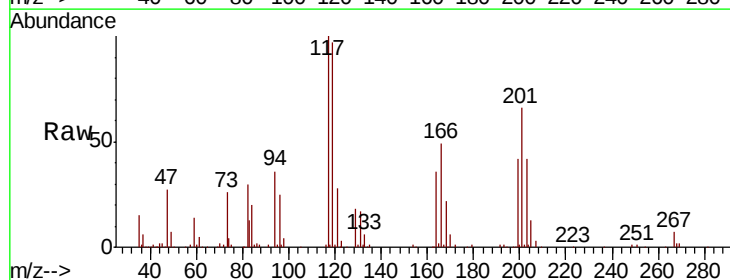
Instrument :
MSVOA_Y
ClientSampleId :
VY1224SBS01

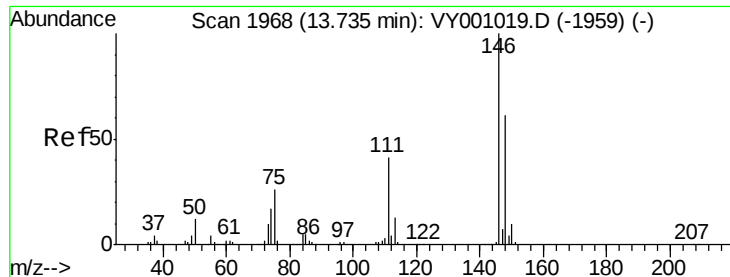
Tgt Ion: 91 Resp: 342343
Ion Ratio Lower Upper
91 100
92 53.0 26.9 80.7
134 25.1 12.7 38.0



#90
Hexachloroethane
Concen: 20.704 ug/l
RT: 13.95 min Scan# 2004
Delta R.T. 0.00 min
Lab File: VY001039.D
Acq: 24 Dec 2019 11:58

Tgt Ion: 117 Resp: 61004
Ion Ratio Lower Upper
117 100
201 69.0 33.7 101.1

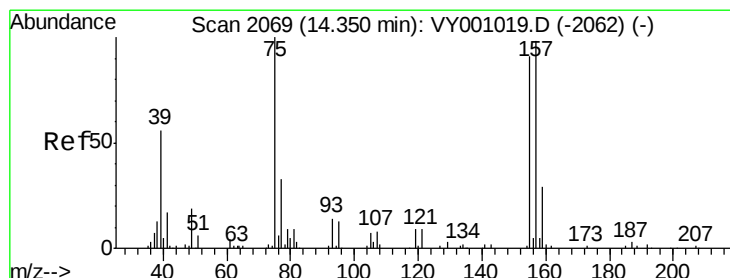
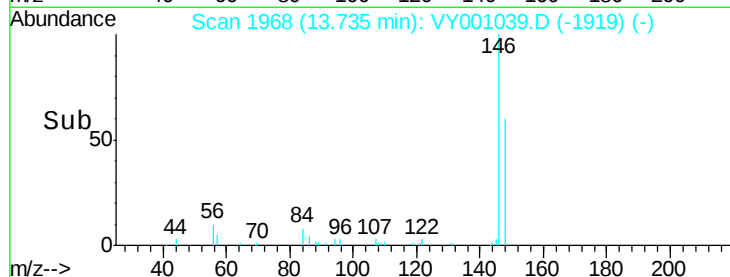
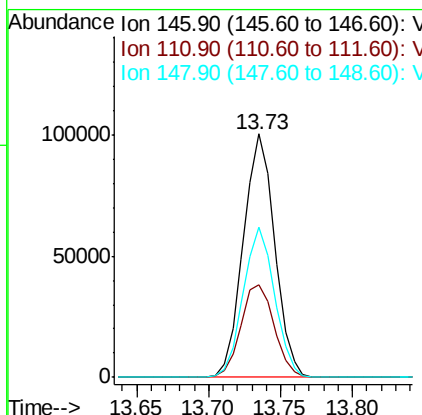
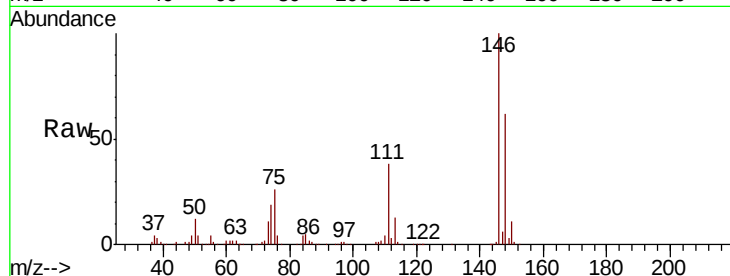




#91
 1,2-Dichlorobenzene
 Concen: 21.316 ug/l
 RT: 13.73 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VY001039.D
 Acq: 24 Dec 2019 11:58

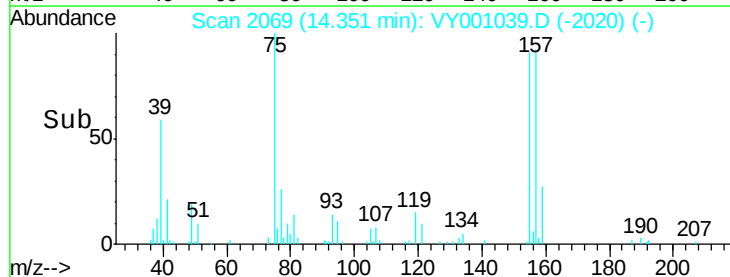
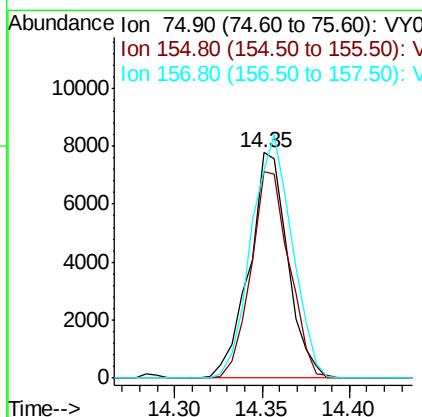
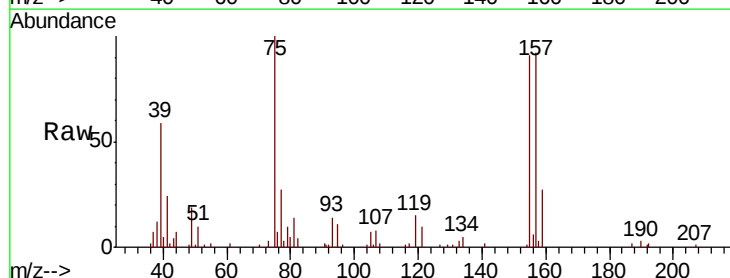
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1224SBSD01

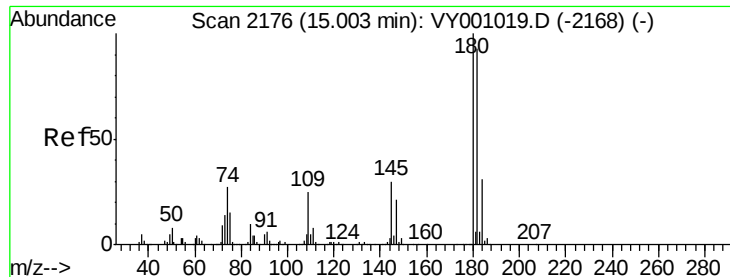
Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.4	20.6	61.9
148	61.8	31.6	94.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.248 ug/l
 RT: 14.35 min Scan# 2069
 Delta R.T. 0.00 min
 Lab File: VY001039.D
 Acq: 24 Dec 2019 11:58

Tgt Ion	Ratio	Lower	Upper
75	100		
155	91.2	46.3	138.9
157	114.4	58.1	174.4

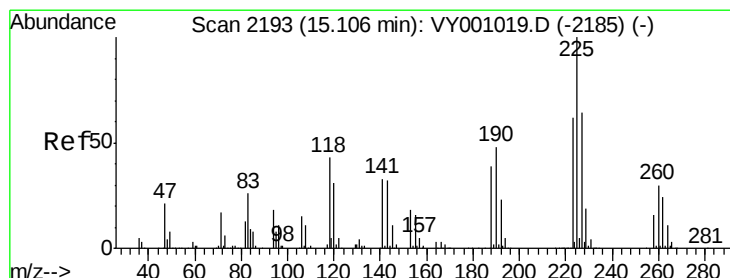
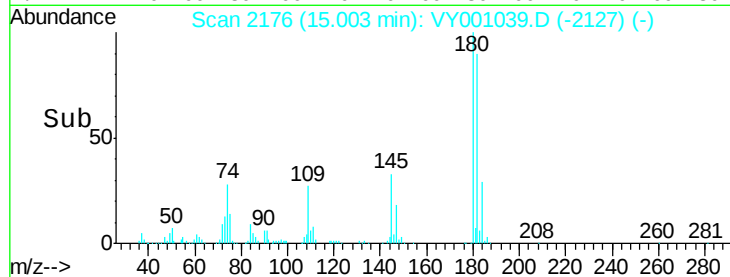
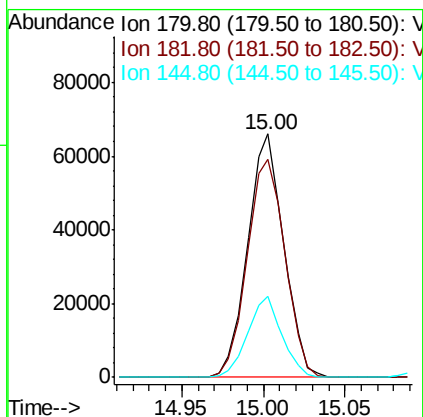
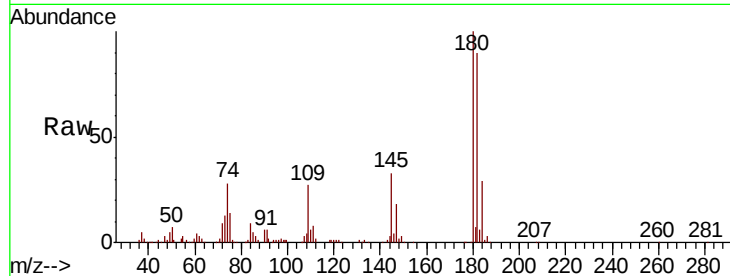




#93
 1,2,4-Trichlorobenzene
 Concen: 21.189 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VY001039.D
 Acq: 24 Dec 2019 11:58

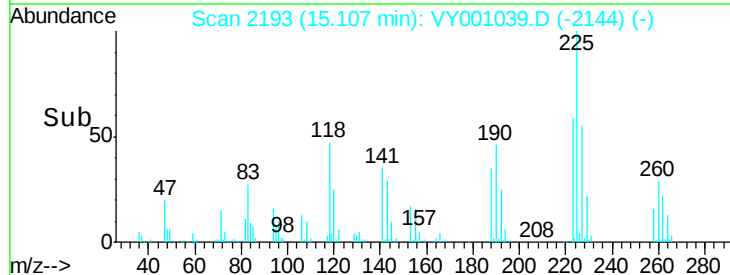
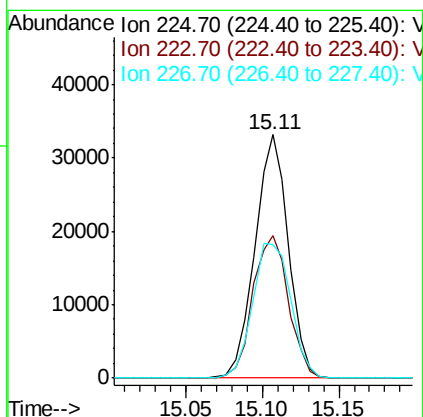
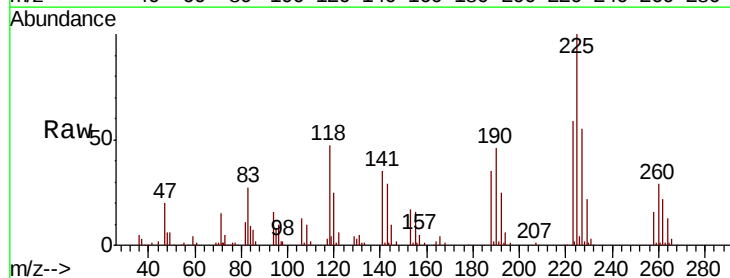
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1224SBS01

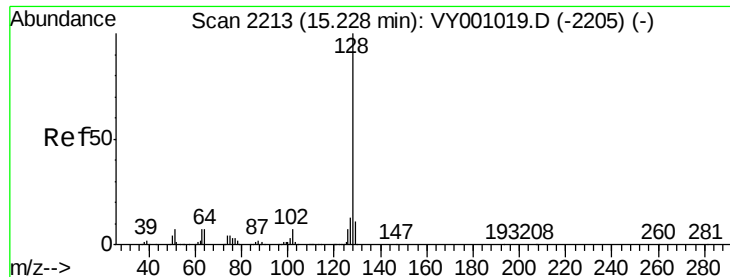
Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.1	46.8	140.3
145	31.9	15.3	45.9



#94
 Hexachlorobutadiene
 Concen: 22.055 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. 0.00 min
 Lab File: VY001039.D
 Acq: 24 Dec 2019 11:58

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.6	31.6	94.8
227	63.7	31.9	95.5

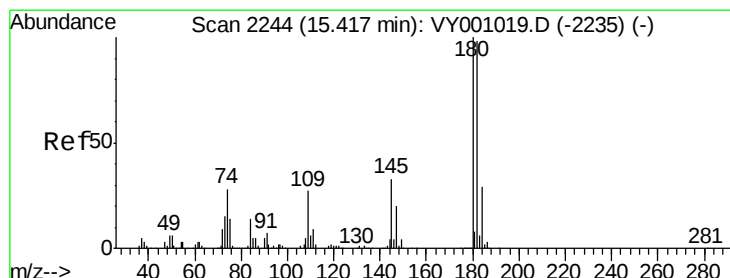
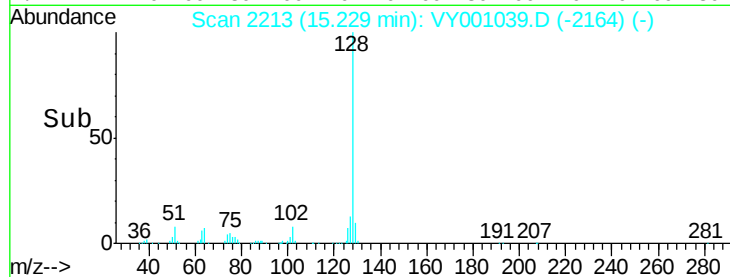
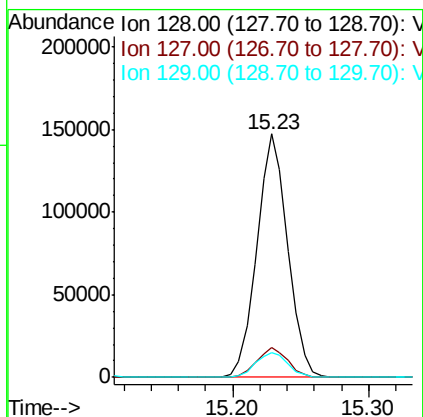
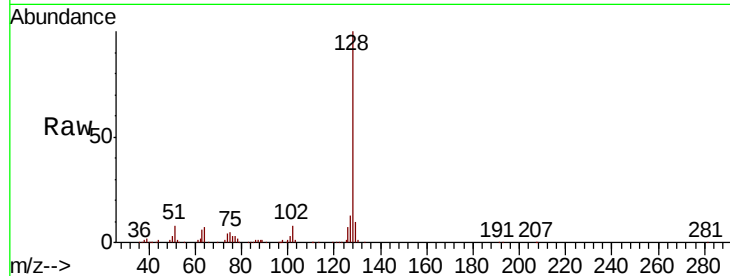




#95
Naphthalene
Concen: 20.728 ug/l
RT: 15.23 min Scan# 2213
Delta R.T. 0.00 min
Lab File: VY001039.D
Acq: 24 Dec 2019 11:58

Instrument :
MSVOA_Y
ClientSampleId :
VY1224SBS01

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.3	9.9	14.9
129	10.8	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 21.162 ug/l
RT: 15.42 min Scan# 2244
Delta R.T. 0.00 min
Lab File: VY001039.D
Acq: 24 Dec 2019 11:58

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	47.9	143.8
145	33.6	16.3	48.9

