

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY122319\
 Data File : VY001025.D
 Acq On : 23 Dec 2019 14:01
 Operator : SY/MD
 Sample : VY1223SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1223SBS01

Manual Integrations
 APPROVED

apatel
 12/24/2019 11:06:19 AM

Quant Time: Dec 24 04:52:59 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	349770	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	603924	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	534153	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	246615	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	172460	49.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.98%	
35) Dibromofluoromethane	7.73	113	172385	48.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.94%	
50) Toluene-d8	10.18	98	729972	52.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.04%	
62) 4-Bromofluorobenzene	12.48	95	241220	47.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	63014	20.675	ug/l	95
3) Chloromethane	2.12	50	81784	19.716	ug/l	99
4) Vinyl Chloride	2.25	62	77797	19.312	ug/l	96
5) Bromomethane	2.63	94	51980	19.553	ug/l	88
6) Chloroethane	2.79	64	48935	19.504	ug/l	91
7) Trichlorofluoromethane	3.13	101	112585	19.055	ug/l	95
8) Diethyl Ether	3.54	74	44483	18.443	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.90	101	74304	19.145	ug/l	96
10) Methyl Iodide	4.09	142	98487	18.366	ug/l	100
11) Tert butyl alcohol	4.96	59	36460	96.123	ug/l	99
12) 1,1-Dichloroethene	3.88	96	76037	19.351	ug/l	93
13) Acrolein	3.74	56	41104	87.461	ug/l	96
14) Allyl chloride	4.49	41	119247	19.535	ug/l	99
15) Acrylonitrile	5.18	53	115992	96.228	ug/l	99
16) Acetone	3.95	43	80484	101.273	ug/l	98
17) Carbon Disulfide	4.20	76	248506	19.354	ug/l	100
18) Methyl Acetate	4.49	43	58122	19.063	ug/l	98
19) Methyl tert-butyl Ether	5.23	73	194699	19.198	ug/l	99
20) Methylene Chloride	4.72	84	98023	20.955	ug/l	91
21) trans-1,2-Dichloroethene	5.22	96	85973	19.742	ug/l	86
22) Diisopropyl ether	6.13	45	239691	19.426	ug/l	97
23) Vinyl Acetate	6.07	43	741749	95.191	ug/l	99
24) 1,1-Dichloroethane	6.04	63	139629	19.150	ug/l	99
25) 2-Butanone	7.00	43	135100	96.768	ug/l	96
26) 2,2-Dichloropropane	6.99	77	115911	19.349	ug/l	99
27) cis-1,2-Dichloroethene	7.00	96	94358	19.722	ug/l	100
28) Bromochloromethane	7.35	49	50817	17.862	ug/l	99
29) Tetrahydrofuran	7.36	42	92663	93.307	ug/l	98
30) Chloroform	7.52	83	134764	19.546	ug/l	97
31) Cyclohexane	7.79	56	147273	19.208	ug/l	95
32) 1,1,1-Trichloroethane	7.71	97	114583	19.482	ug/l	100
36) 1,1-Dichloropropene	7.93	75	113821	19.756	ug/l	100
37) Ethyl Acetate	7.09	43	61445	19.261	ug/l	97
38) Carbon Tetrachloride	7.91	117	97759	19.367	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	153612	20.078	ug/l	98
40) Benzene	8.17	78	342255	19.691	ug/l	100
41) Methacrylonitrile	7.33	41	38550m	27.872	ug/l	
42) 1,2-Dichloroethane	8.25	62	81177	19.534	ug/l	99
43) Isopropyl Acetate	8.28	43	111952	18.957	ug/l	100
44) Trichloroethene	8.94	130	91090	19.890	ug/l	98
45) 1,2-Dichloropropane	9.22	63	85544	19.618	ug/l	100
46) Dibromomethane	9.31	93	43377	19.298	ug/l	98
47) Bromodichloromethane	9.50	83	100244	19.253	ug/l	99
48) Methyl methacrylate	9.30	41	46689	18.527	ug/l	94
49) 1,4-Dioxane	9.30	88	14254	433.508	ug/l	85
51) 4-Methyl-2-Pentanone	10.07	43	297203	96.557	ug/l	100
52) Toluene	10.24	92	211049	19.728	ug/l	99
53) t-1,3-Dichloropropene	10.46	75	109758	19.424	ug/l	95
54) cis-1,3-Dichloropropene	9.93	75	132079	19.439	ug/l	98
55) 1,1,2-Trichloroethane	10.64	97	64811	19.314	ug/l	96
56) Ethyl methacrylate	10.51	69	91953	19.254	ug/l	99
57) 1,3-Dichloropropane	10.79	76	113710	19.333	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	185519	100.574	ug/l	100
59) 2-Hexanone	10.83	43	202806	95.223	ug/l	99
60) Dibromochloromethane	10.98	129	69665	19.436	ug/l	98
61) 1,2-Dibromoethane	11.09	107	61908	19.293	ug/l	99
64) Tetrachloroethene	10.72	164	95718	20.711	ug/l	98
65) Chlorobenzene	11.51	112	220533	19.904	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	73520	20.107	ug/l	97
67) Ethyl Benzene	11.59	91	402923	20.218	ug/l	98
68) m/p-Xylenes	11.70	106	301293	39.816	ug/l	99
69) o-Xylene	12.03	106	144578	20.309	ug/l	98
70) Styrene	12.04	104	242839	20.062	ug/l	99
71) Bromoform	12.20	173	39965	19.630	ug/l #	98
73) Isopropylbenzene	12.33	105	376630	19.735	ug/l	100
74) N-amyl acetate	12.14	43	96451	19.238	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	70838	18.842	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	58772m	19.331	ug/l	
77) Bromobenzene	12.60	156	83055	19.351	ug/l	97
78) n-propylbenzene	12.67	91	465264	20.008	ug/l	99
79) 2-Chlorotoluene	12.75	91	251109	19.554	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	312752	19.993	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	26327	18.469	ug/l	97
82) 4-Chlorotoluene	12.85	91	262236	19.660	ug/l	100
83) tert-Butylbenzene	13.07	119	263061	20.033	ug/l	99
84) 1,2,4-Trimethylbenzene	13.11	105	313428	19.939	ug/l	99
85) sec-Butylbenzene	13.25	105	394152	20.360	ug/l	100
86) p-Isopropyltoluene	13.36	119	340328	20.317	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	164122	19.910	ug/l	98
88) 1,4-Dichlorobenzene	13.44	146	167094	20.094	ug/l	99
89) n-Butylbenzene	13.69	91	344164	20.421	ug/l	99
90) Hexachloroethane	13.95	117	63512	20.125	ug/l	97
91) 1,2-Dichlorobenzene	13.73	146	149222	19.624	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.35	75	11579	18.408	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	104465	20.353	ug/l	100
94) Hexachlorobutadiene	15.11	225	51657	21.150	ug/l	99
95) Naphthalene	15.23	128	239807	19.867	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	94154	20.570	ug/l	97

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

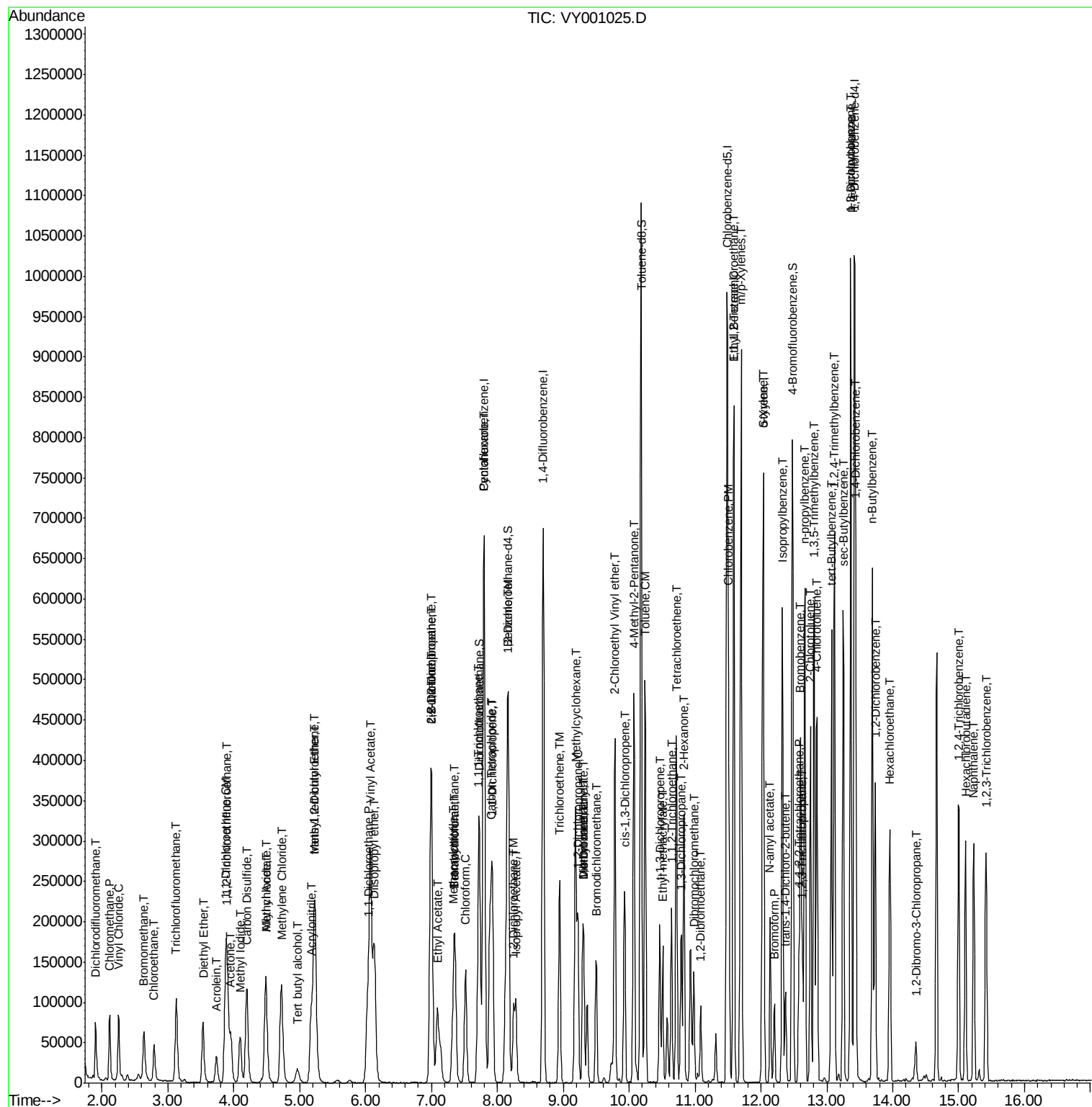
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Data File : VY001025.D
Acq On : 23 Dec 2019 14:01
Operator : SY/MD
Sample : VY1223SBSD01
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

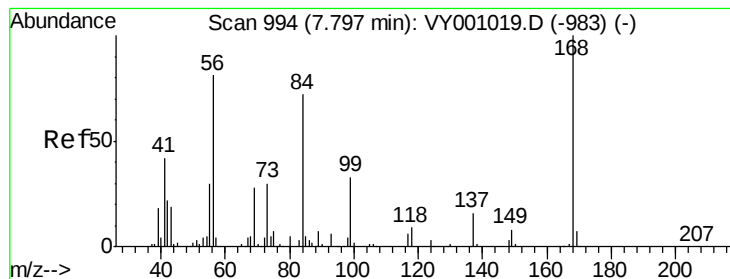
Instrument :
MSVOA_Y
ClientSampleId :
VY1223SBSD01

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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: VY001025.D

Acq: 23 Dec 2019 14:01

Instrument :

MSVOA_Y

ClientSampleId :

VY1223SBS01

Tot Ion:168 Resp: 349770

Ion Ratio Lower Upper

168 100

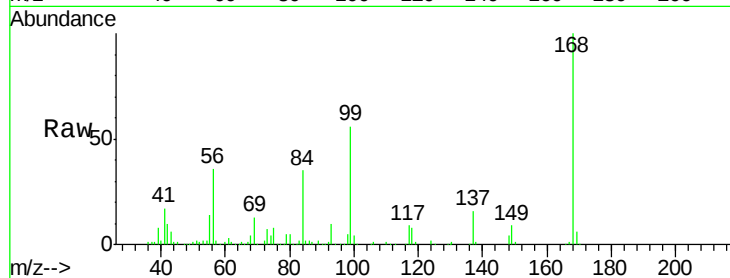
99 55.8 44.0 66.0

Manual Integrations

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

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

150000

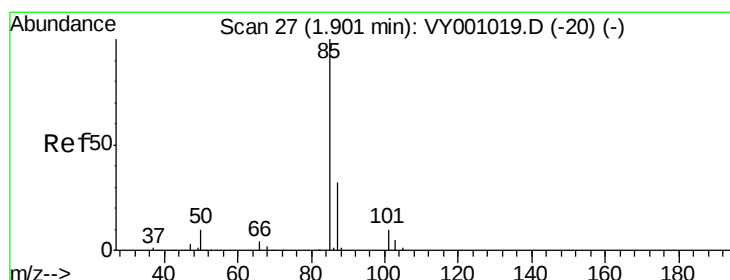
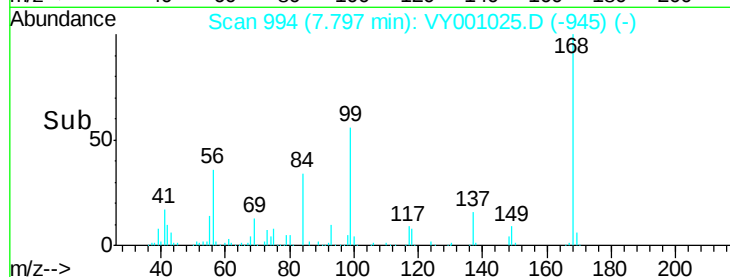
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50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 20.675 ug/l

RT: 1.90 min Scan# 27

Delta R.T. 0.00 min

Lab File: VY001025.D

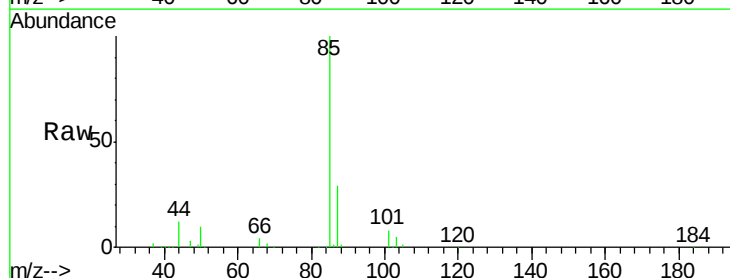
Acq: 23 Dec 2019 14:01

Tgt Ion: 85 Resp: 63014

Ion Ratio Lower Upper

85 100

87 29.3 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) (-)

50000

40000

30000

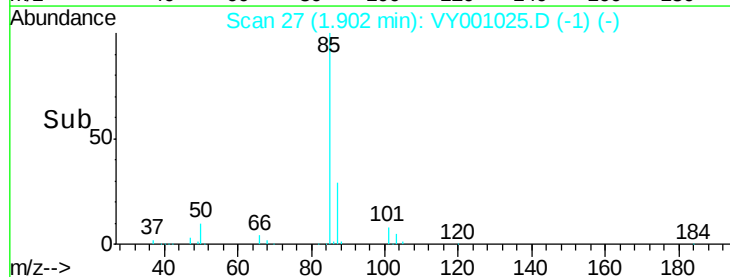
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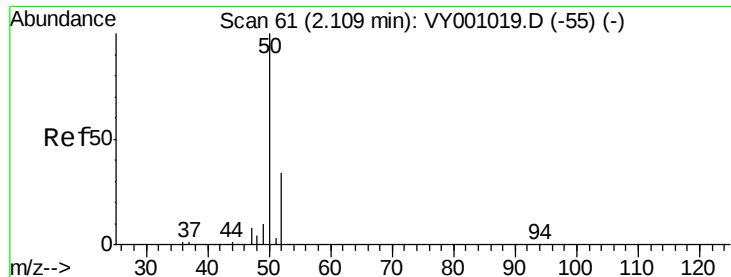
10000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 19.716 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.01 min

Lab File: VY001025.D

Acq: 23 Dec 2019 14:01

Instrument :

MSVOA_Y

ClientSampleId :

VY1223SBS01

Tot Ion: 50 Resp: 81784

Ion Ratio Lower Upper

50 100

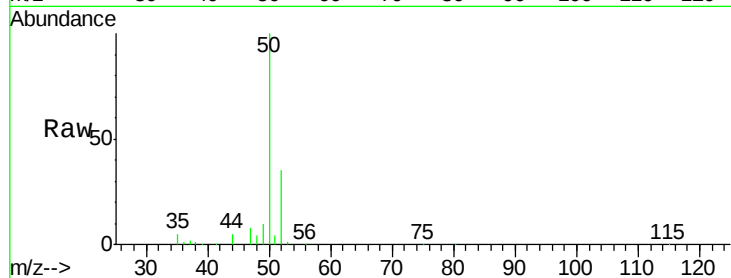
52 34.5 27.1 40.7

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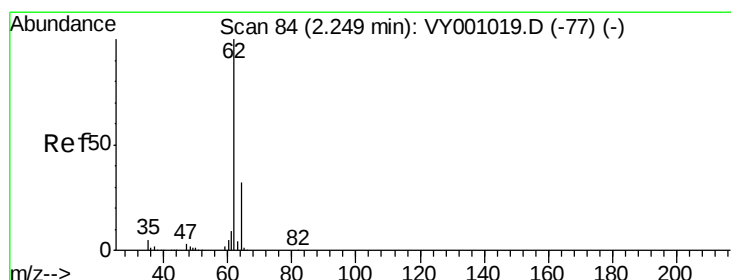
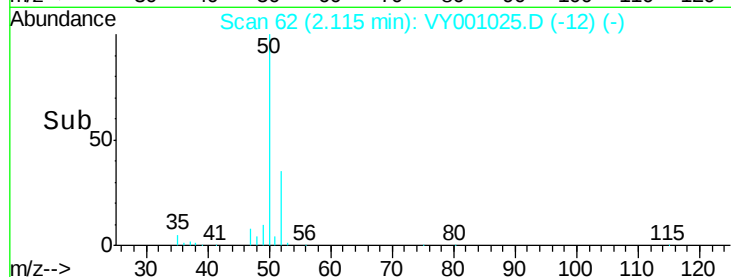
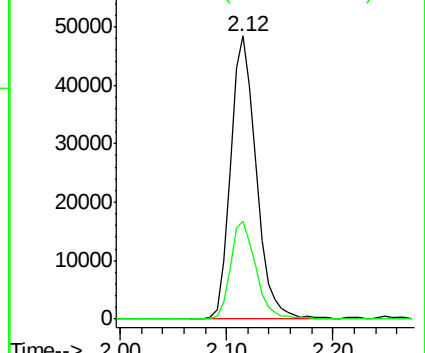
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Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 19.312 ug/l

RT: 2.25 min Scan# 84

Delta R.T. 0.00 min

Lab File: VY001025.D

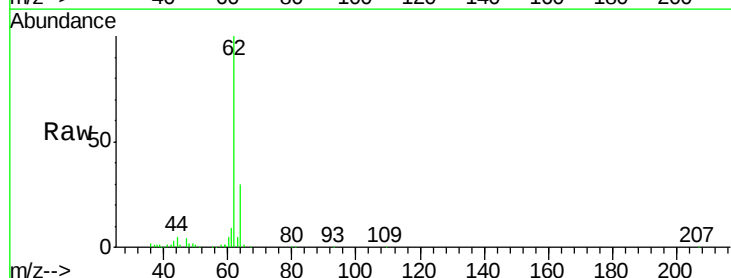
Acq: 23 Dec 2019 14:01

Tgt Ion: 62 Resp: 77797

Ion Ratio Lower Upper

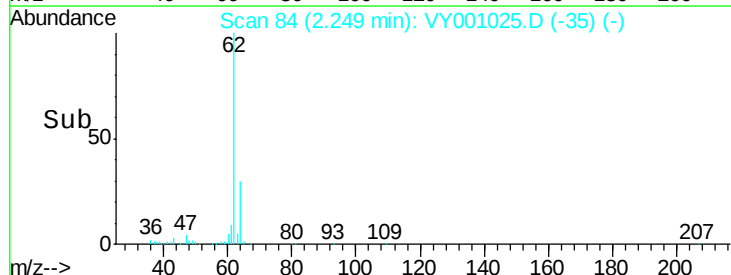
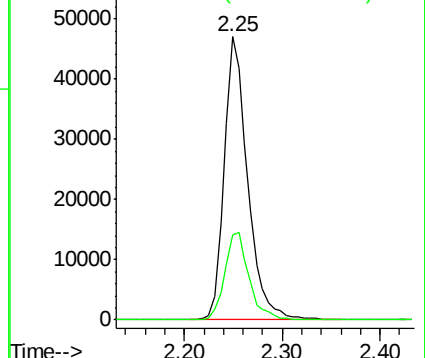
62 100

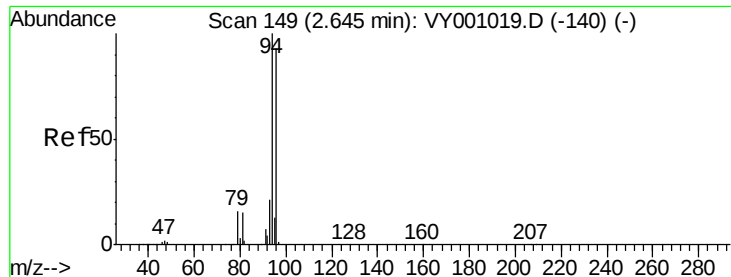
64 29.9 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 19.553 ug/l

RT: 2.63 min Scan# 147

Delta R.T. -0.01 min

Lab File: VY001025.D

Acq: 23 Dec 2019 14:01

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ClientSampleId :

VY1223SBS01

Tot Ion: 94 Resp: 51980

Ion Ratio Lower Upper

94 100

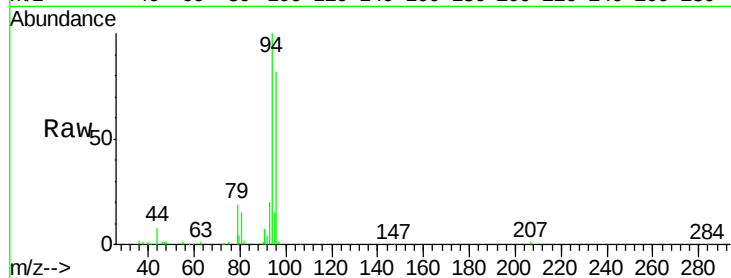
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Manual Integrations

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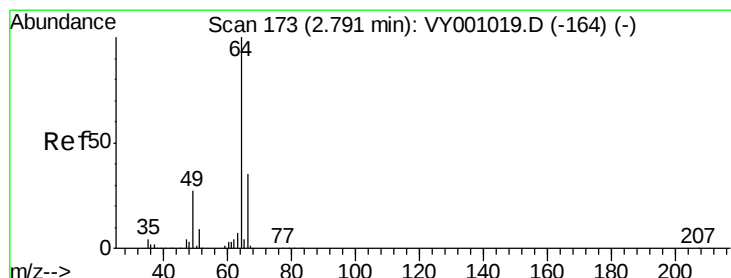
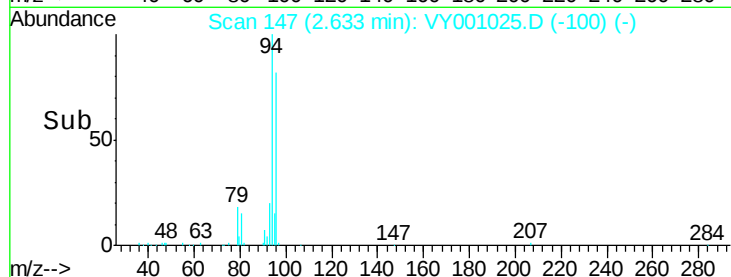
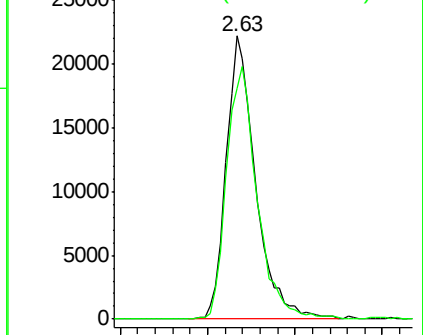
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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 19.504 ug/l

RT: 2.79 min Scan# 172

Delta R.T. -0.01 min

Lab File: VY001025.D

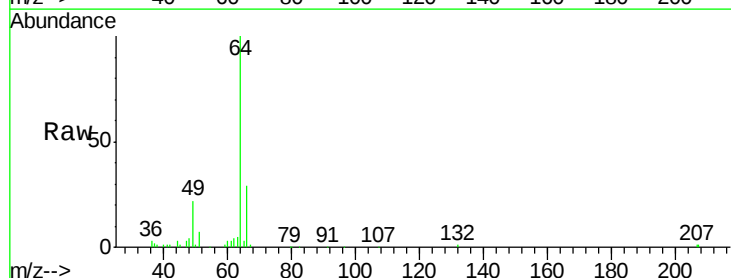
Acq: 23 Dec 2019 14:01

Tgt Ion: 64 Resp: 48935

Ion Ratio Lower Upper

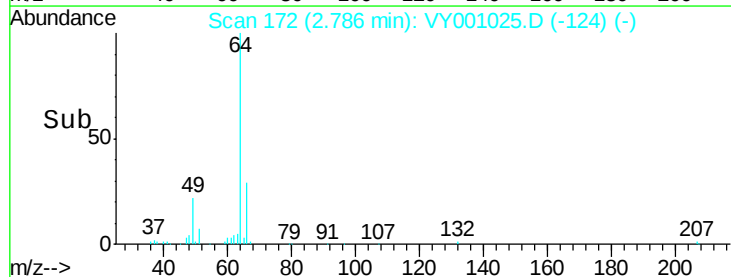
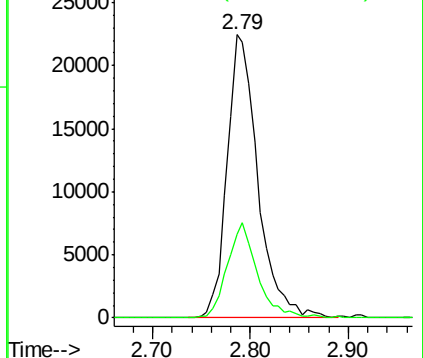
64 100

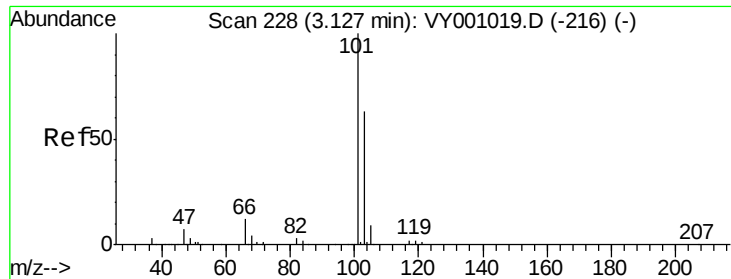
66 29.5 27.8 41.6



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

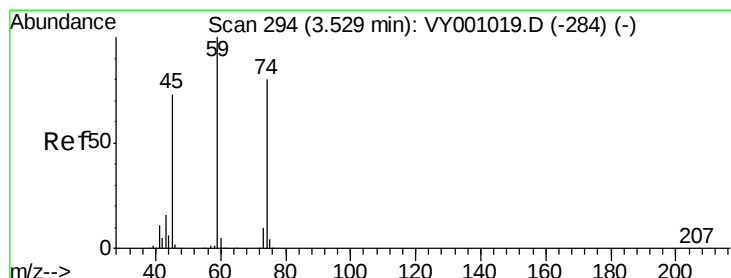
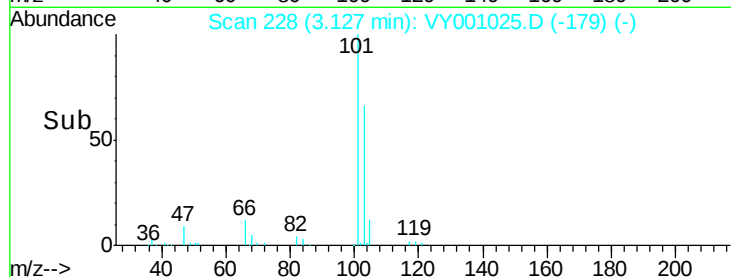
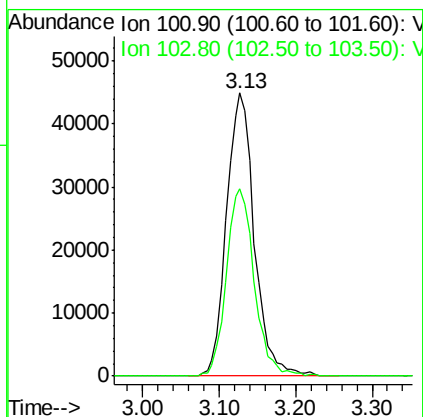
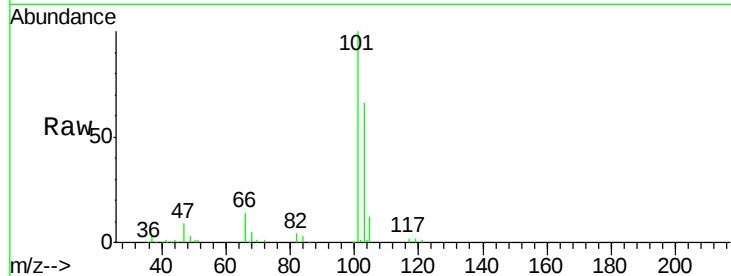
Trichlorofluoromethane
Concen: 19.055 ug/l
RT: 3.13 min Scan# 228
Delta R.T. 0.00 min
Lab File: VY001025.D
Acq: 23 Dec 2019 14:01

Instrument :
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Tot Ion	Ratio	Resp	Lower	Upper
101	100	112585		
103	66.4	50.2	75.2	

Manual Integrations
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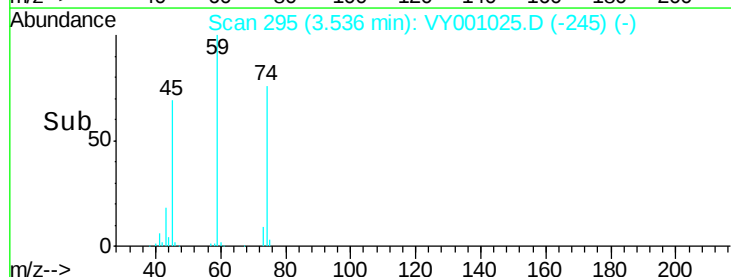
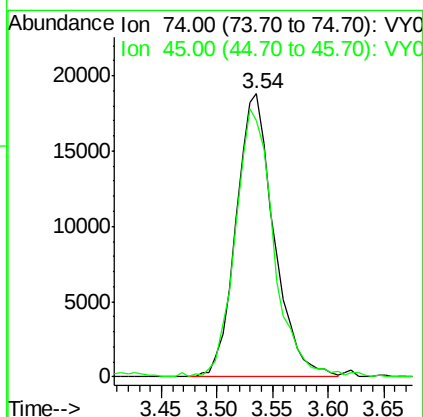
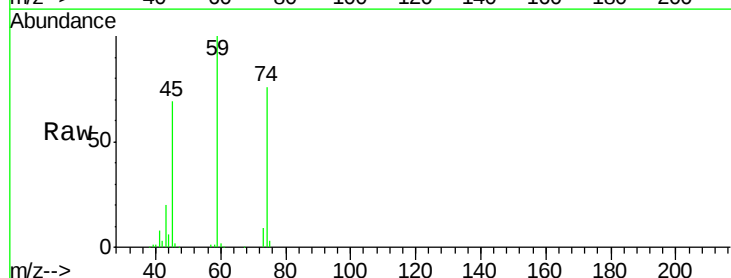
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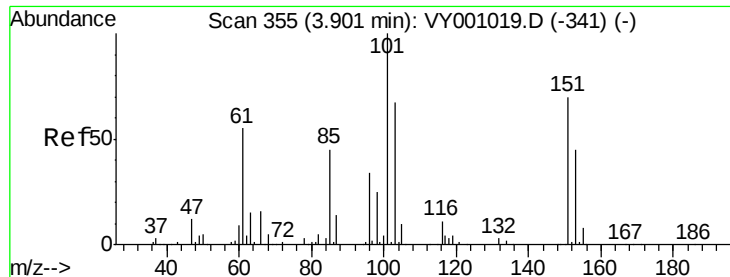


#8

Diethyl Ether
Concen: 18.443 ug/l
RT: 3.54 min Scan# 295
Delta R.T. 0.01 min
Lab File: VY001025.D
Acq: 23 Dec 2019 14:01

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	44483		
45	94.6	46.4	139.2	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.145 ug/l

RT: 3.90 min Scan# 355

Delta R.T. 0.00 min

Lab File: VY001025.D

Acq: 23 Dec 2019 14:01

Instrument :

MSVOA_Y

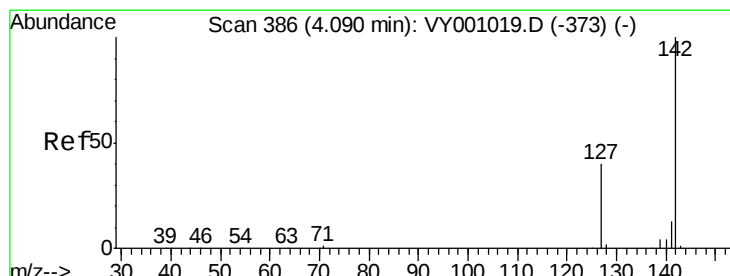
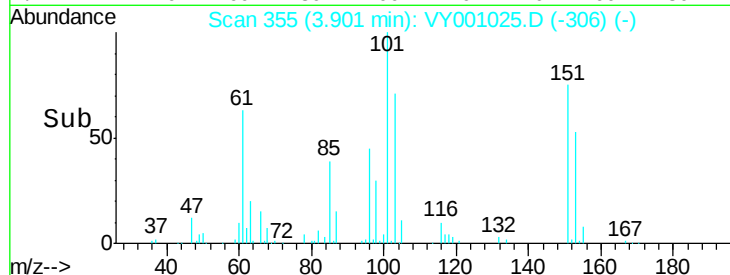
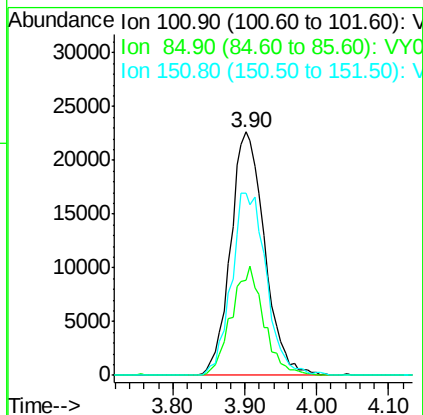
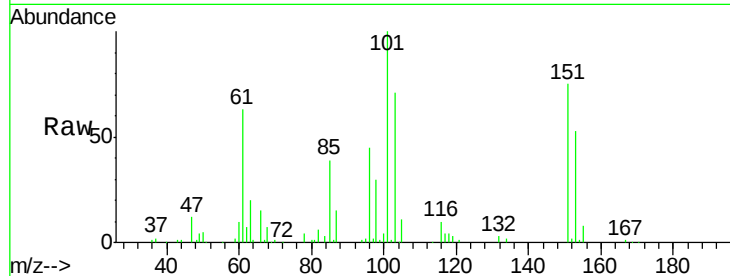
ClientSampleId :

VY1223SBS01

Tot Ion:	101	Resp:	74304
Ion Ratio	Lower	Upper	
101	100		
85	42.4	34.2	51.2
151	76.5	57.0	85.6

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#10

Methyl Iodide

Concen: 18.366 ug/l

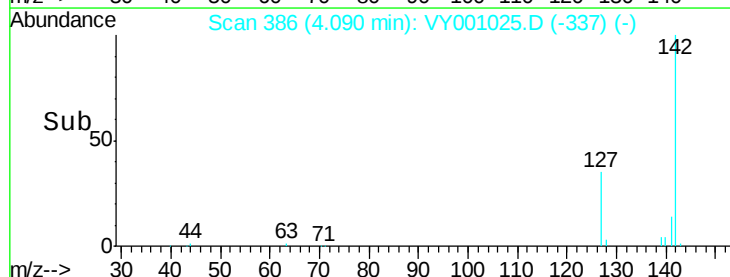
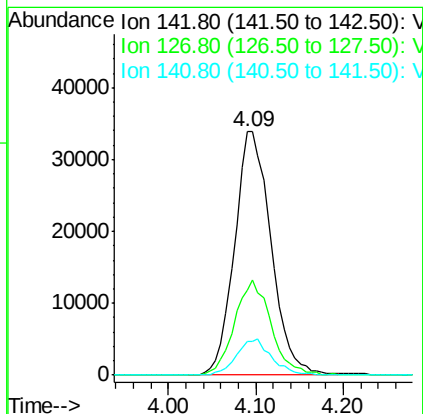
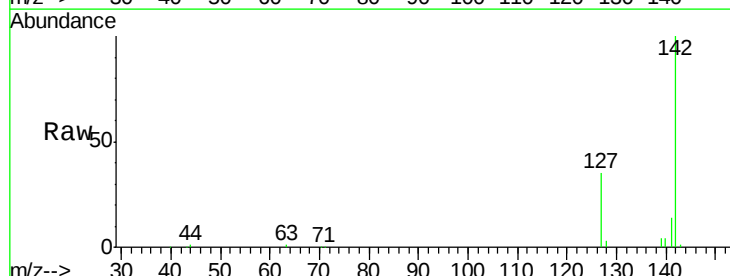
RT: 4.09 min Scan# 386

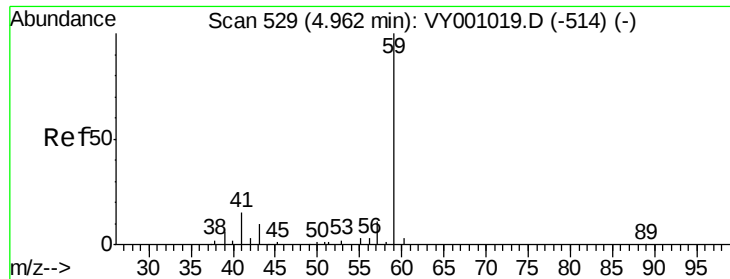
Delta R.T. 0.00 min

Lab File: VY001025.D

Acq: 23 Dec 2019 14:01

Tgt Ion:	142	Resp:	98487
Ion Ratio	Lower	Upper	
142	100		
127	39.0	31.2	46.8
141	14.1	11.0	16.4





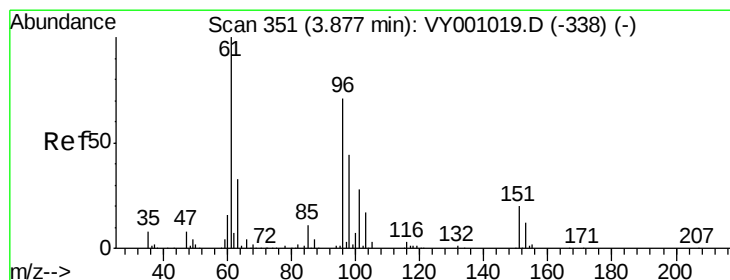
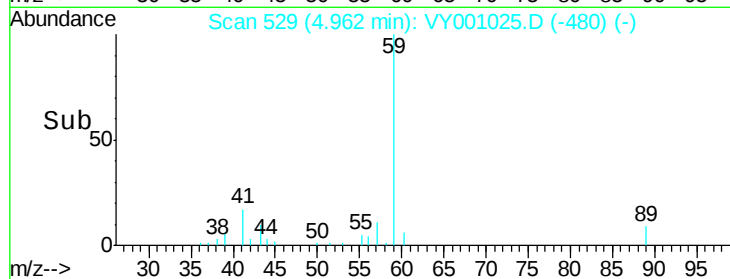
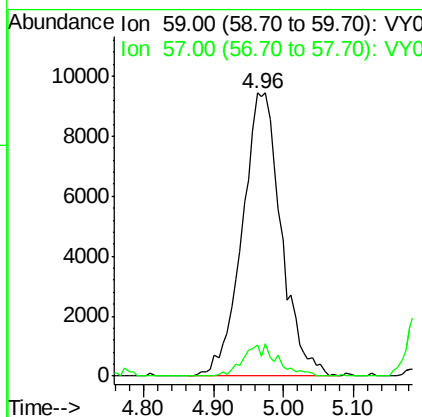
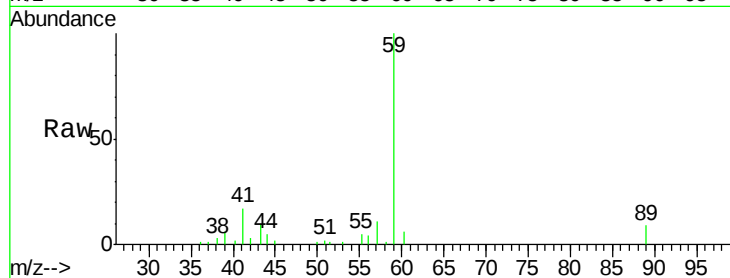
#11
Tert butyl alcohol
Concen: 96.123 ug/l
RT: 4.96 min Scan# 529
Delta R.T. 0.00 min
Lab File: VY001025.D
Acq: 23 Dec 2019 14:01

Instrument :
MSVOA_Y
ClientSampleId :
VY1223SBS01

Tot Ion	59	Resp	36460
Ion Ratio	100	Lower	Upper
57	9.9	7.8	11.6

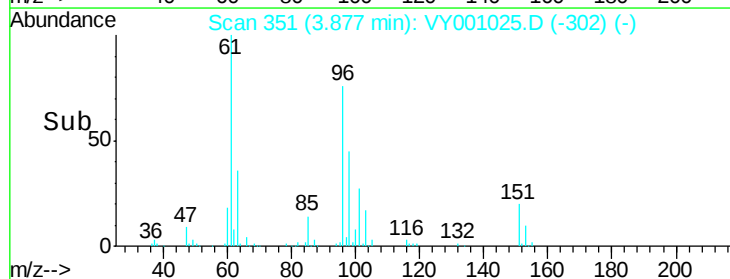
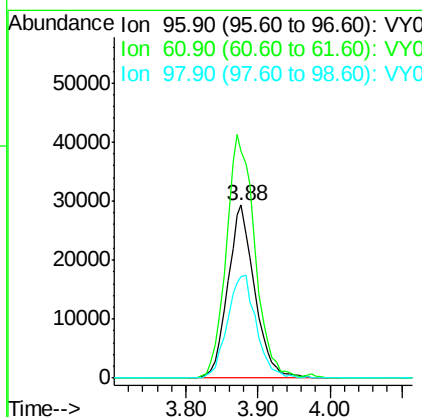
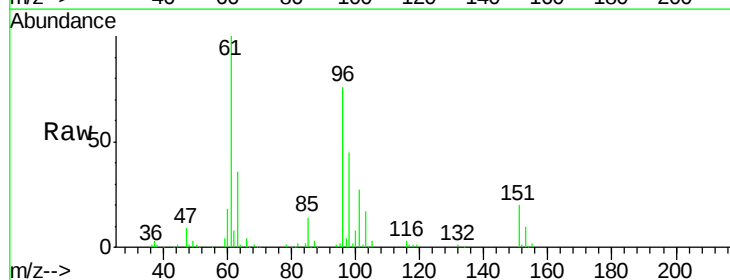
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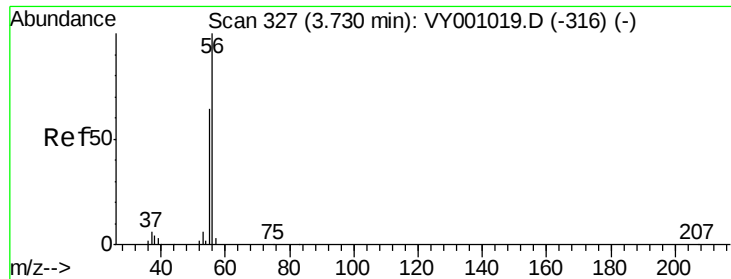
apatel
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#12
1,1-Dichloroethene
Concen: 19.351 ug/l
RT: 3.88 min Scan# 351
Delta R.T. 0.00 min
Lab File: VY001025.D
Acq: 23 Dec 2019 14:01

Tgt Ion	96	Resp	76037
Ion Ratio	100	Lower	Upper
61	131.3	113.0	169.4
98	58.7	49.8	74.8





#13

Acrolein

Concen: 87.461 ug/l

RT: 3.74 min Scan# 328

Delta R.T. 0.01 min

Lab File: VY001025.D

Acq: 23 Dec 2019 14:01

Instrument :

MSVOA_Y

ClientSampleId :

VY1223SBS01

Tot Ion: 56 Resp: 41104

Ion Ratio Lower Upper

56 100

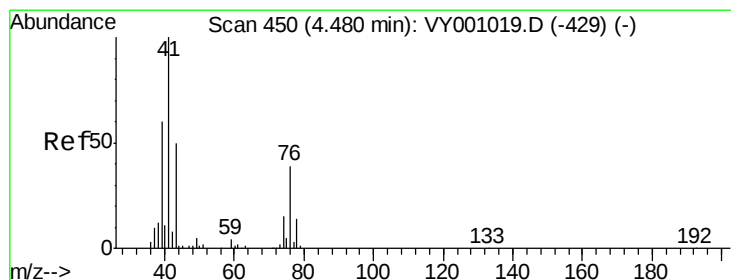
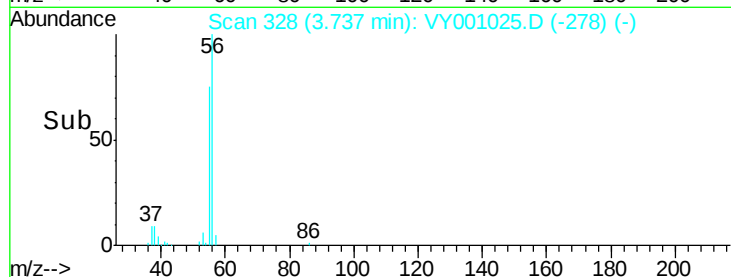
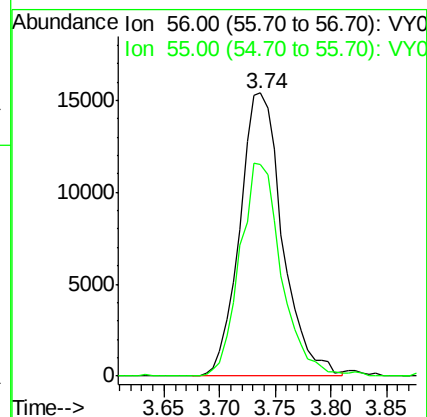
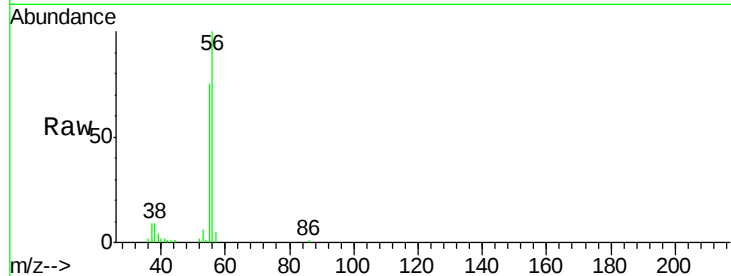
55 72.9 55.6 83.4

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#14

Allyl chloride

Concen: 19.535 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.01 min

Lab File: VY001025.D

Acq: 23 Dec 2019 14:01

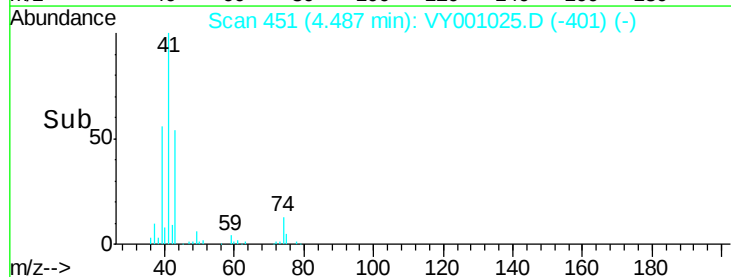
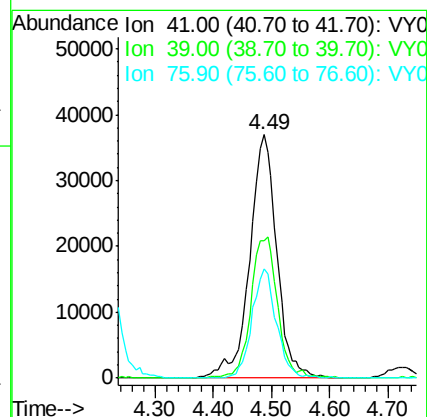
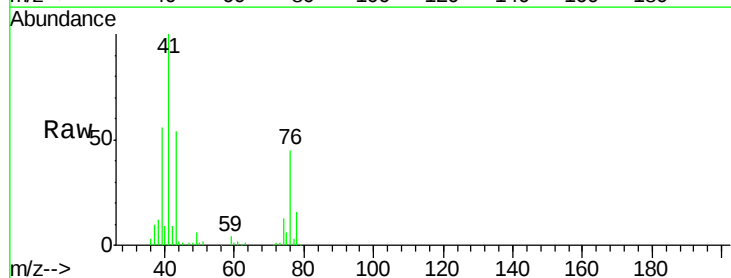
Tgt Ion: 41 Resp: 119247

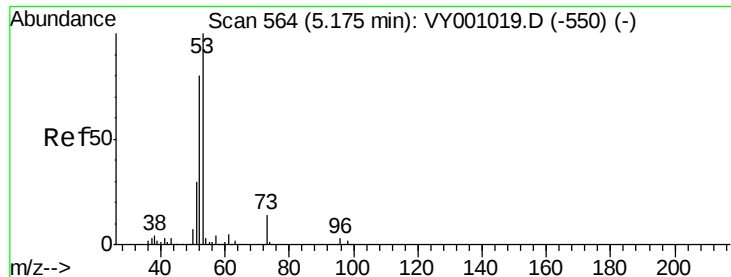
Ion Ratio Lower Upper

41 100

39 56.6 46.0 69.0

76 40.3 32.6 48.8





#15

Acrylonitrile

Concen: 96.228 ug/l

RT: 5.18 min Scan# 564

Delta R.T. 0.00 min

Lab File: VY001025.D

Acq: 23 Dec 2019 14:01

Instrument :

MSVOA_Y

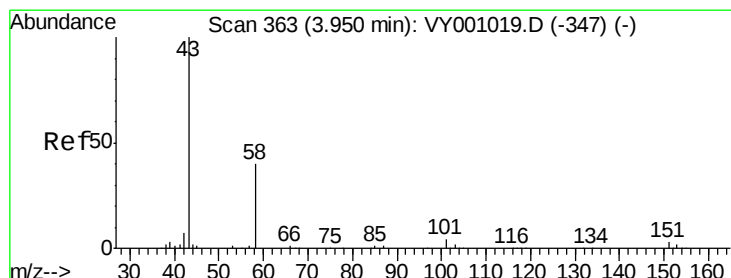
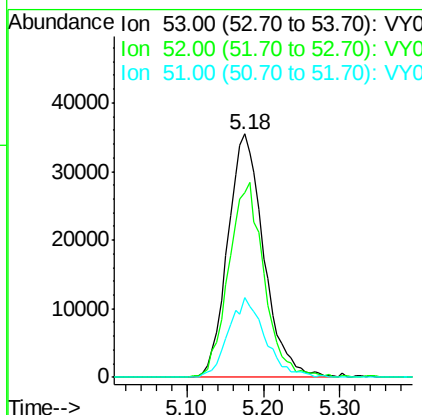
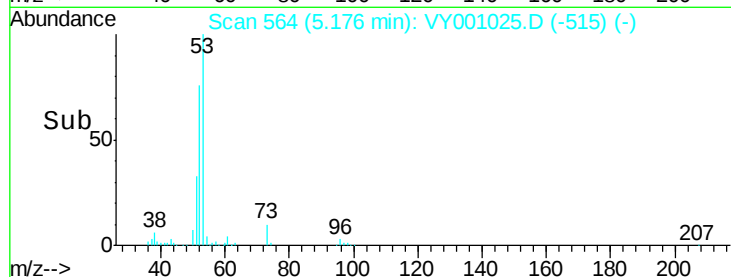
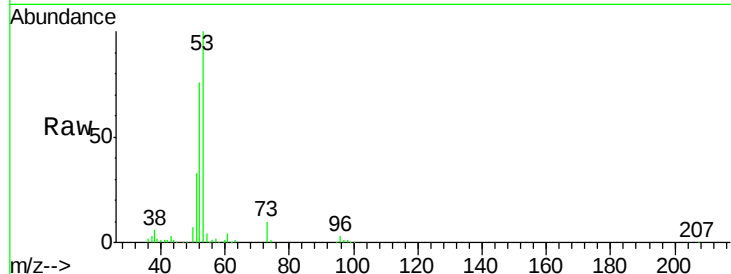
ClientSampleId :

VY1223SBS01

Tot Ion:	53	Resp:	115992
Ion Ratio	Lower	Upper	
53	100		
52	78.7	63.6	95.4
51	33.3	26.7	40.1

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#16

Acetone

Concen: 101.273 ug/l

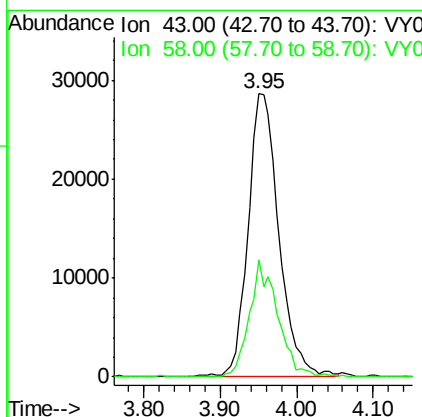
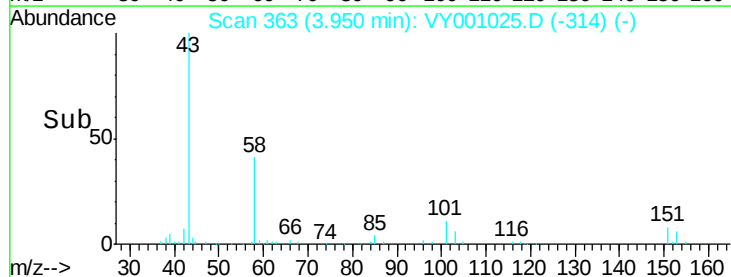
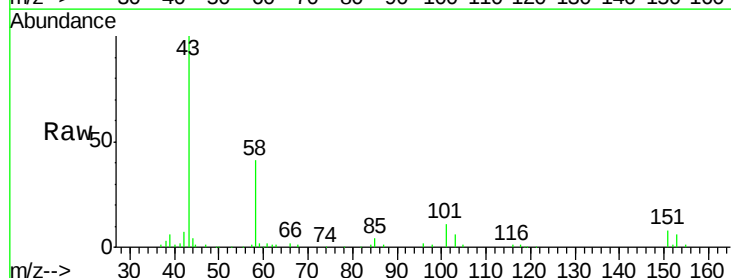
RT: 3.95 min Scan# 363

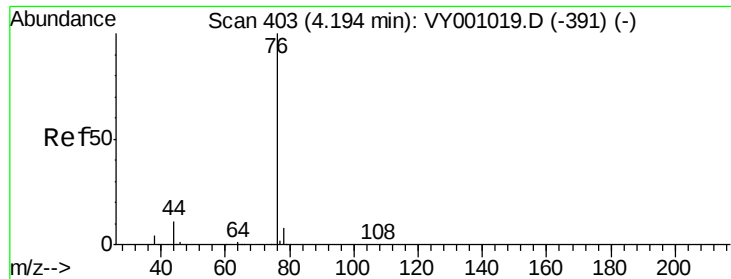
Delta R.T. 0.00 min

Lab File: VY001025.D

Acq: 23 Dec 2019 14:01

Tgt Ion:	43	Resp:	80484
Ion Ratio	Lower	Upper	
43	100		
58	41.3	32.1	48.1





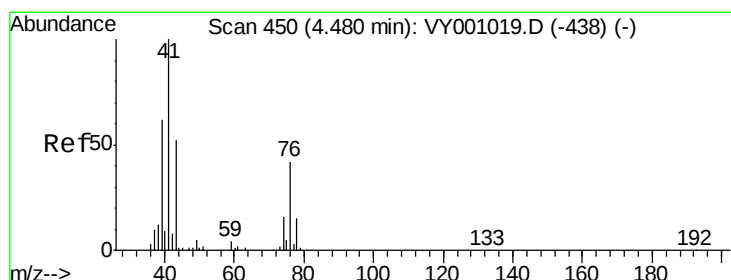
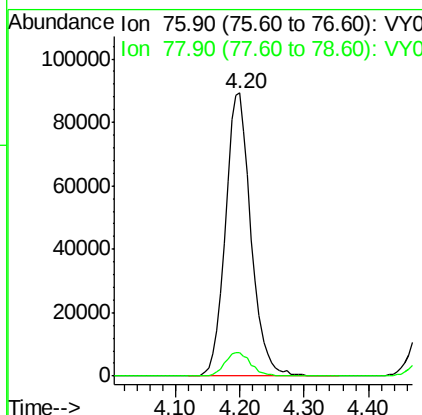
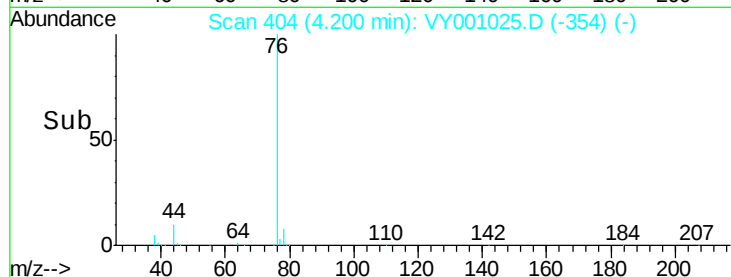
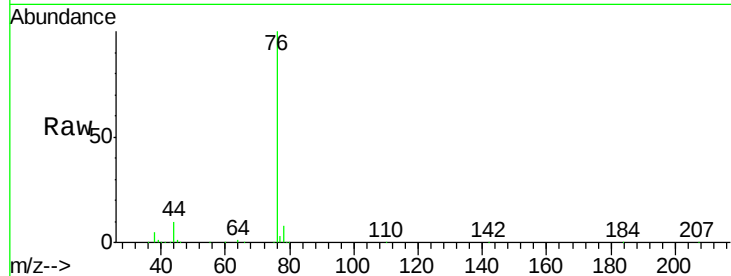
#17
Carbon Disulfide
Concen: 19.354 ug/l
RT: 4.20 min Scan# 404
Delta R.T. 0.01 min
Lab File: VY001025.D
Acq: 23 Dec 2019 14:01

Instrument :
MSVOA_Y
ClientSampleId :
VY1223SBS01

Tot Ion: 76 Resp: 248506
Ion Ratio Lower Upper
76 100
78 8.3 6.7 10.1

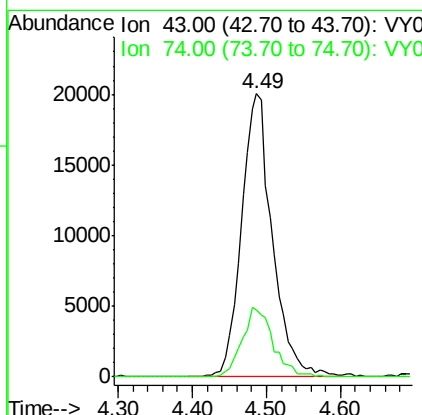
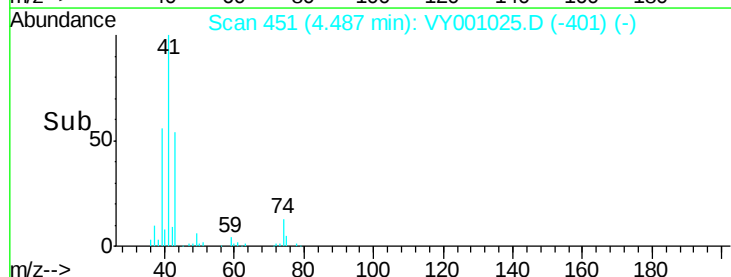
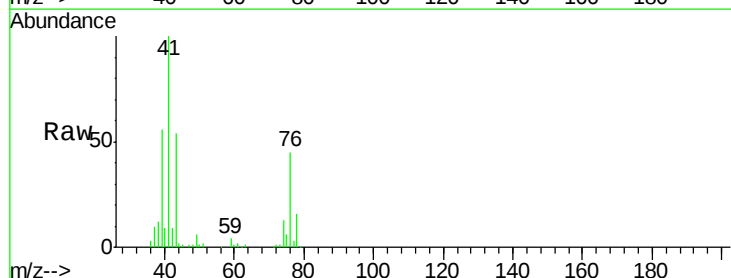
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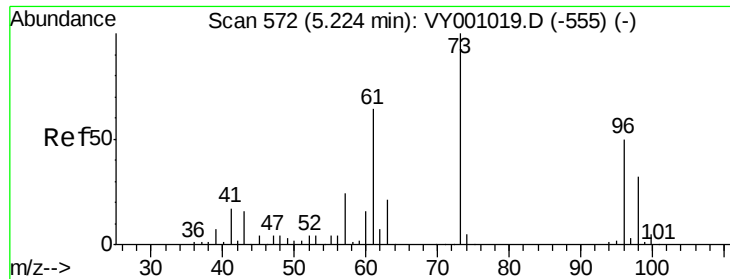
apatel
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#18
Methyl Acetate
Concen: 19.063 ug/l
RT: 4.49 min Scan# 451
Delta R.T. 0.01 min
Lab File: VY001025.D
Acq: 23 Dec 2019 14:01

Tgt Ion: 43 Resp: 58122
Ion Ratio Lower Upper
43 100
74 24.7 20.7 31.1





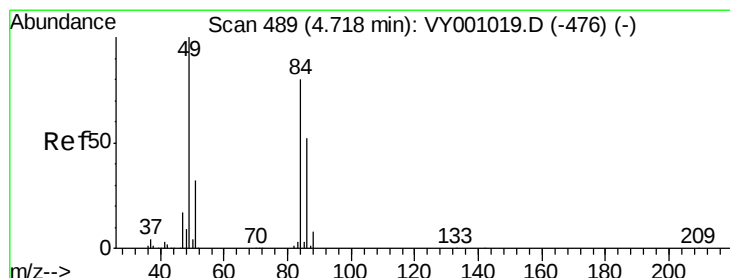
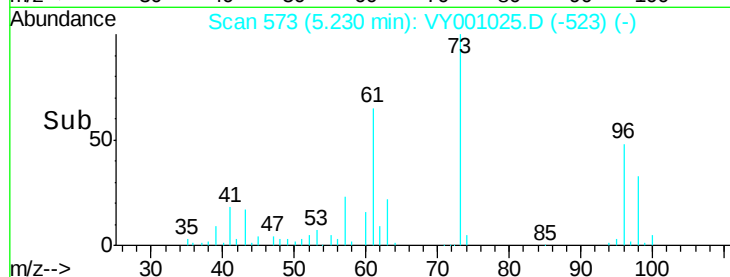
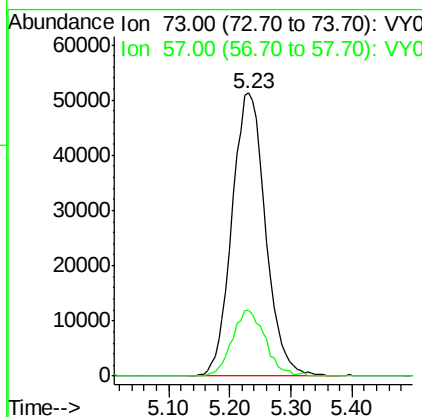
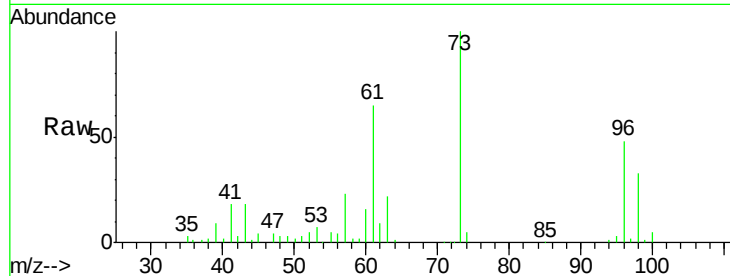
#19
Methvl tert-butvl Ether
Concen: 19.198 ug/l
RT: 5.23 min Scan# 573
Delta R.T. 0.01 min
Lab File: VY001025.D
Acq: 23 Dec 2019 14:01

Instrument :
MSVOA_Y
ClientSampleId :
VY1223SBS01

Tot Ion: 73 Resp: 194699
Ion Ratio Lower Upper
73 100
57 23.4 19.0 28.6

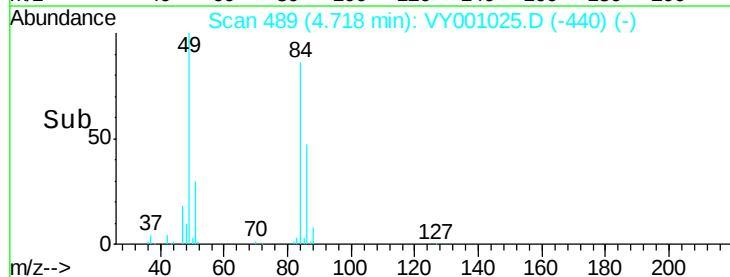
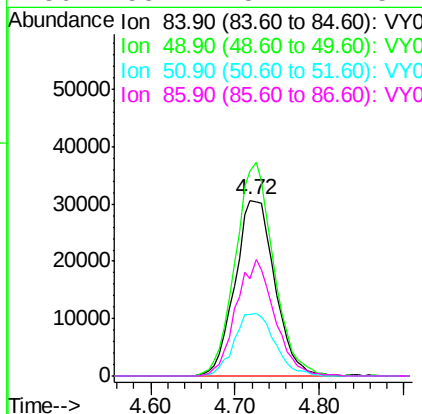
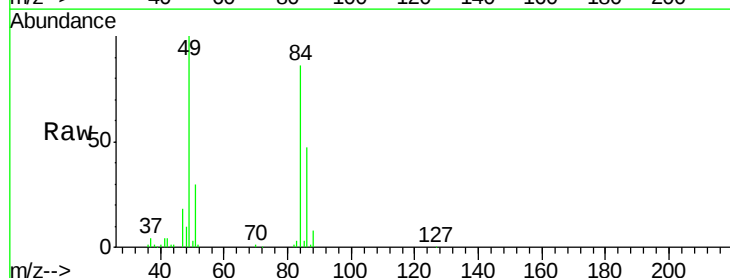
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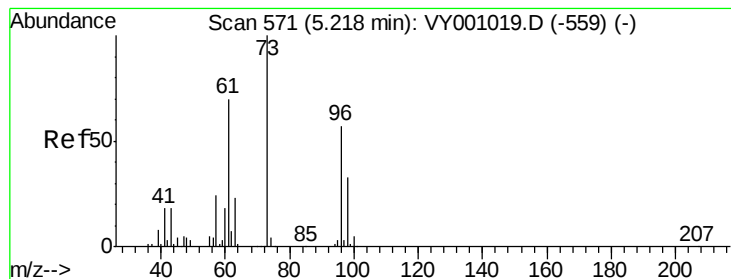
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#20
Methylene Chloride
Concen: 20.955 ug/l
RT: 4.72 min Scan# 489
Delta R.T. 0.00 min
Lab File: VY001025.D
Acq: 23 Dec 2019 14:01

Tgt Ion: 84 Resp: 98023
Ion Ratio Lower Upper
84 100
49 116.7 99.8 149.6
51 34.8 31.4 47.2
86 55.1 52.2 78.2





#21

trans-1,2-Dichloroethene

Concen: 19.742 ug/l

RT: 5.22 min Scan# 572

Delta R.T. 0.01 min

Lab File: VY001025.D

Acq: 23 Dec 2019 14:01

Instrument :

MSVOA_Y

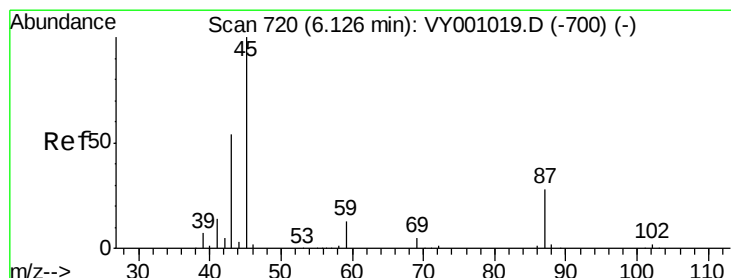
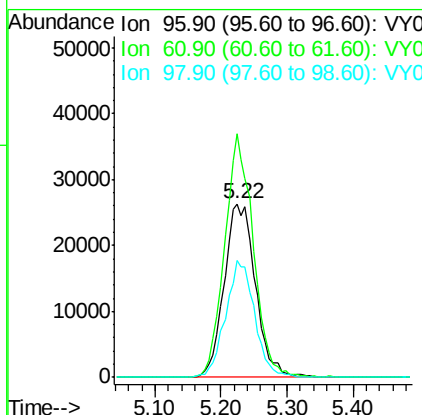
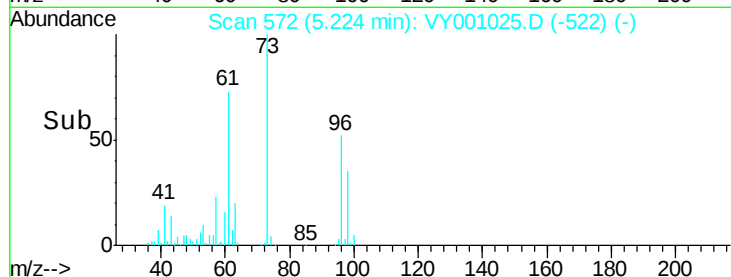
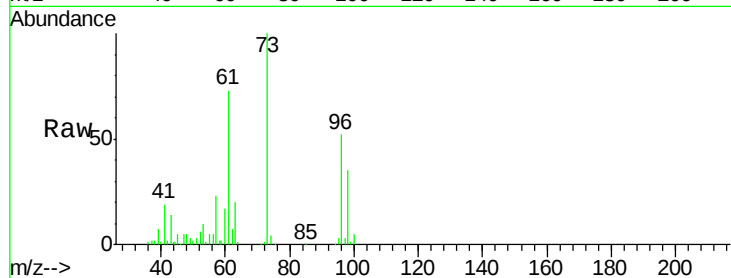
ClientSampleId :

VY1223SBS01

Tot Ion:	96	Resp:	85973
Ion	Ratio	Lower	Upper
96	100		
61	140.3	98.1	147.1
98	67.4	47.2	70.8

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#22

Diisopropyl ether

Concen: 19.426 ug/l

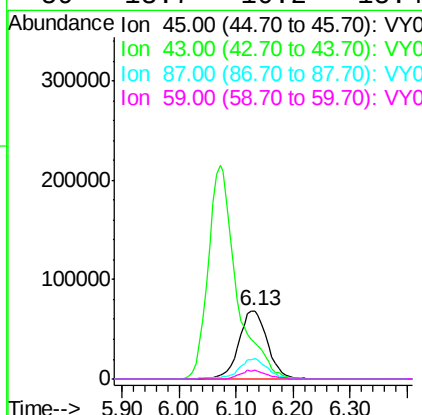
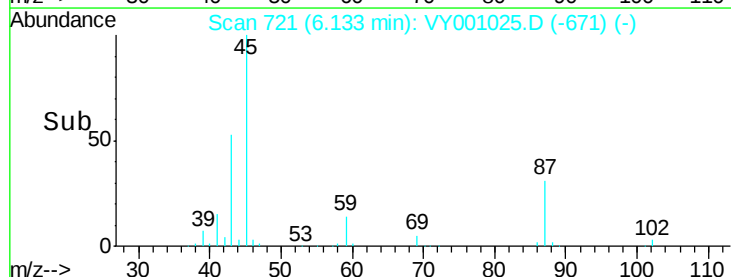
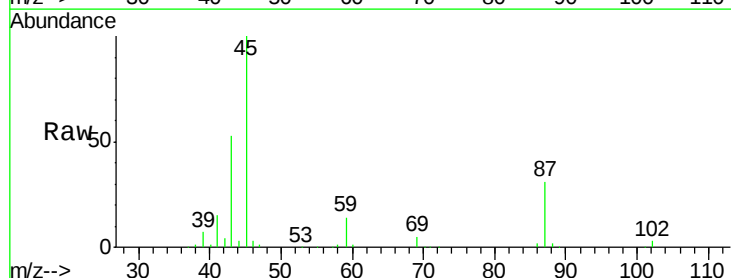
RT: 6.13 min Scan# 721

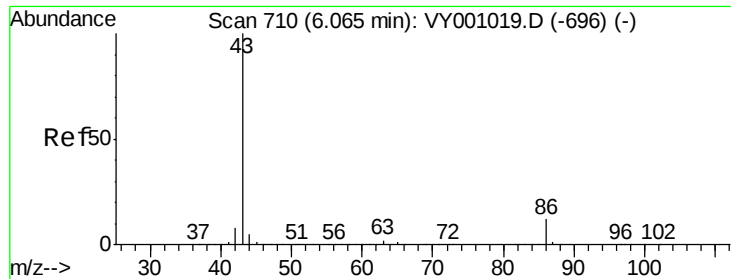
Delta R.T. 0.01 min

Lab File: VY001025.D

Acq: 23 Dec 2019 14:01

Tgt Ion:	45	Resp:	239691
Ion	Ratio	Lower	Upper
45	100		
43	52.8	43.6	65.4
87	30.6	23.1	34.7
59	13.7	10.2	15.4





#23

Vinyl Acetate

Concen: 95.191 ug/l

RT: 6.07 min Scan# 711

Delta R.T. 0.01 min

Lab File: VY001025.D

Acq: 23 Dec 2019 14:01

Instrument :

MSVOA_Y

ClientSampleId :

VY1223SBS01

Tot Ion: 43 Resp: 741749

Ion Ratio Lower Upper

43 100

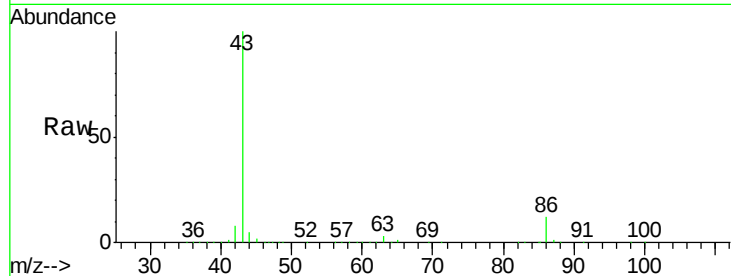
86 11.6 9.5 14.3

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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

250000

200000

150000

100000

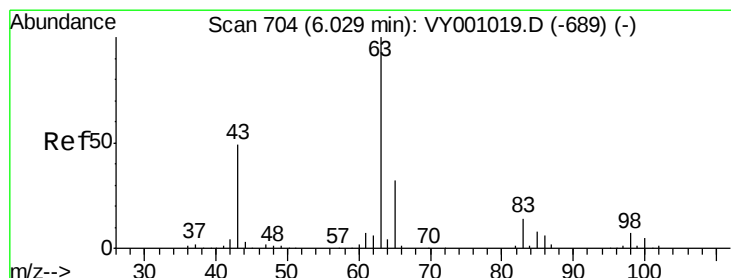
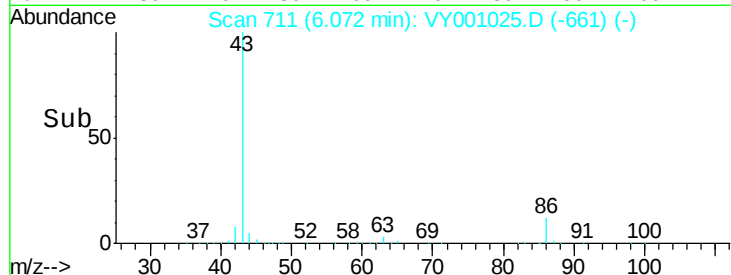
50000

0

6.07

6.00 6.10 6.20 6.30

Time-->



#24

1,1-Dichloroethane

Concen: 19.150 ug/l

RT: 6.04 min Scan# 705

Delta R.T. 0.01 min

Lab File: VY001025.D

Acq: 23 Dec 2019 14:01

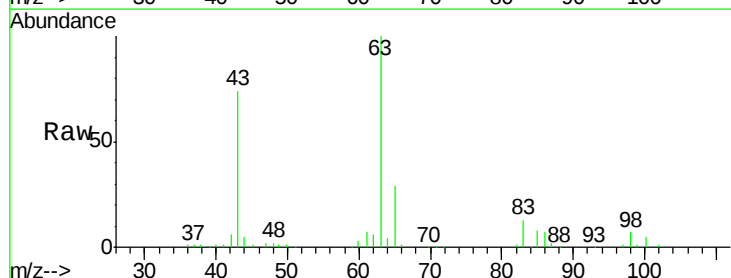
Tgt Ion: 63 Resp: 139629

Ion Ratio Lower Upper

63 100

98 6.9 3.8 11.2

100 4.6 2.5 7.5



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0

60000

50000

40000

30000

20000

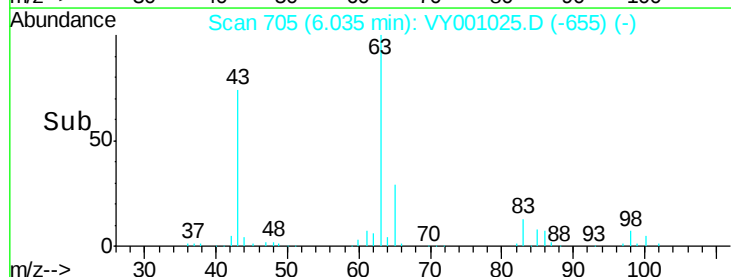
10000

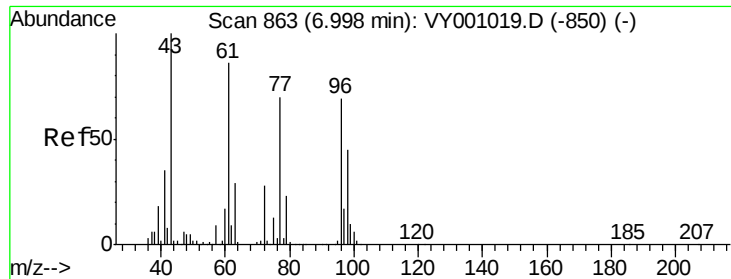
0

6.04

5.90 6.00 6.10 6.20

Time-->





#25

2-Butanone

Concen: 96.768 ug/l

RT: 7.00 min Scan# 863

Delta R.T. 0.00 min

Lab File: VY001025.D

Acq: 23 Dec 2019 14:01

Instrument :

MSVOA_Y

ClientSampleId :

VY1223SBS01

Tot Ion: 43 Resp: 135100

Ion Ratio Lower Upper

43 100

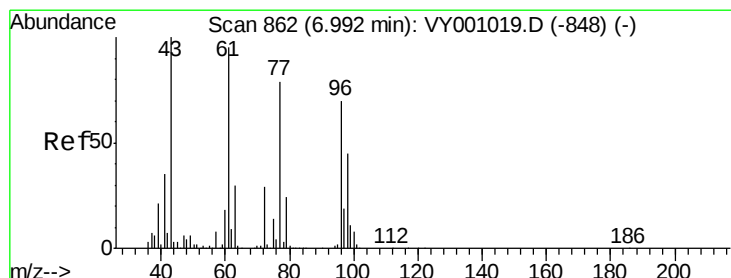
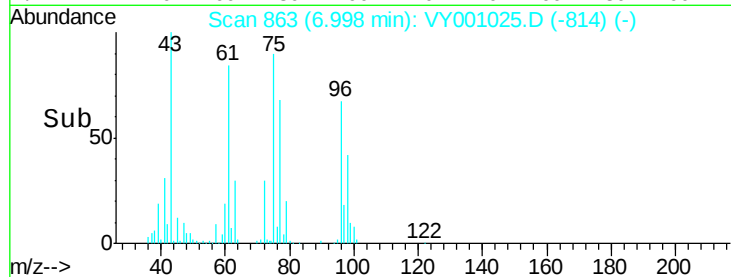
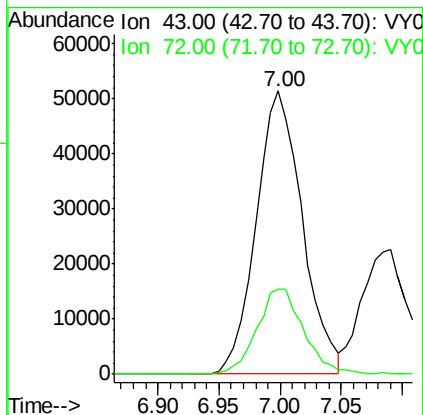
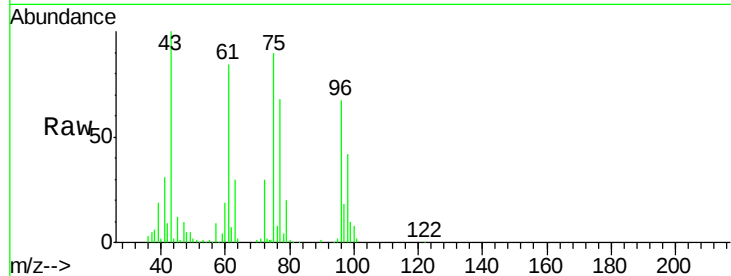
72 29.9 22.4 33.6

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#26

2,2-Dichloropropane

Concen: 19.349 ug/l

RT: 6.99 min Scan# 862

Delta R.T. 0.00 min

Lab File: VY001025.D

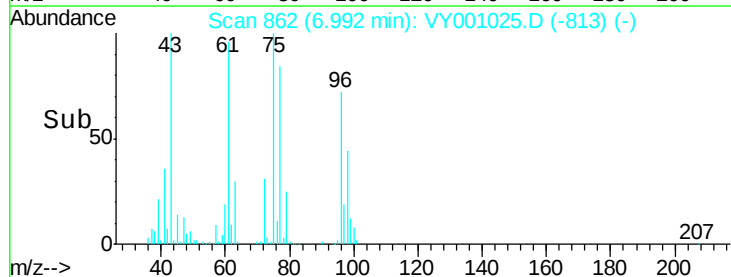
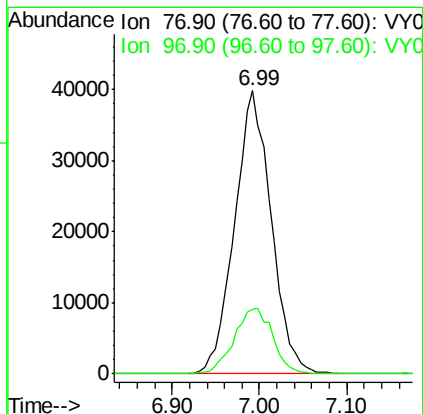
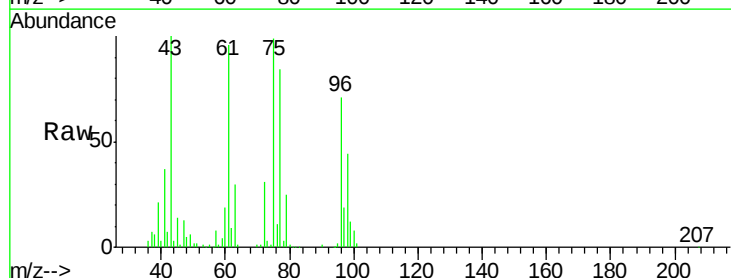
Acq: 23 Dec 2019 14:01

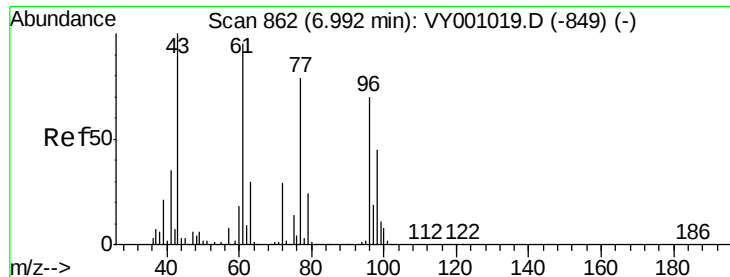
Tgt Ion: 77 Resp: 115911

Ion Ratio Lower Upper

77 100

97 24.4 12.0 36.1





#27

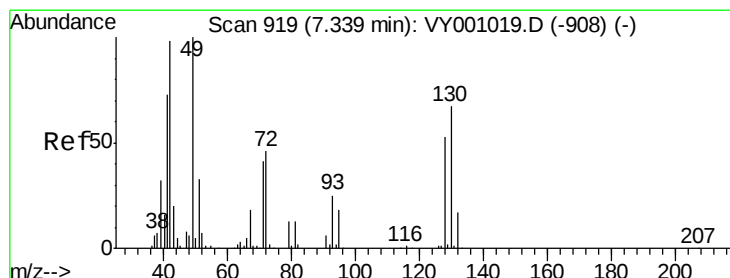
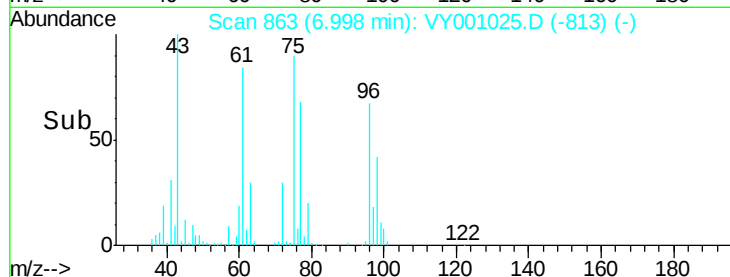
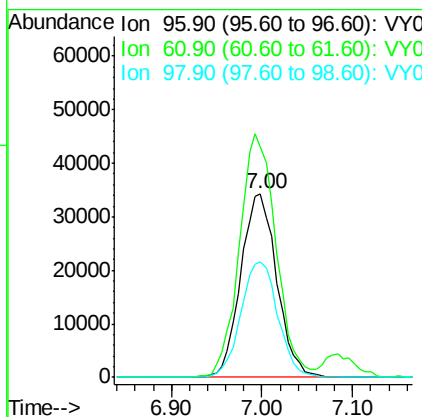
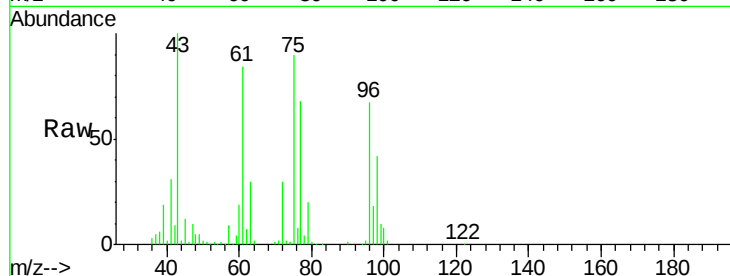
cis-1,2-Dichloroethene
Concen: 19.722 ug/l
RT: 7.00 min Scan# 863
Delta R.T. 0.01 min
Lab File: VY001025.D
Acq: 23 Dec 2019 14:01

Instrument :
MSVOA_Y
ClientSampleId :
VY1223SBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	134.4	0.0	268.2	
98	64.6	0.0	129.2	

Manual Integrations
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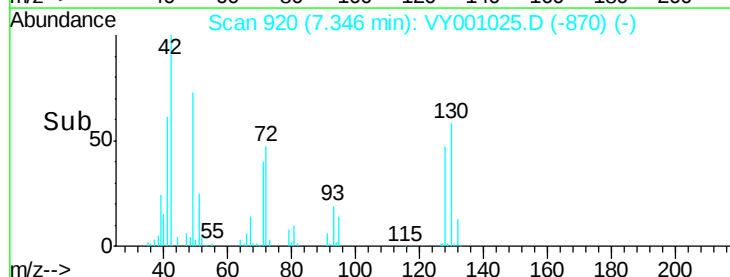
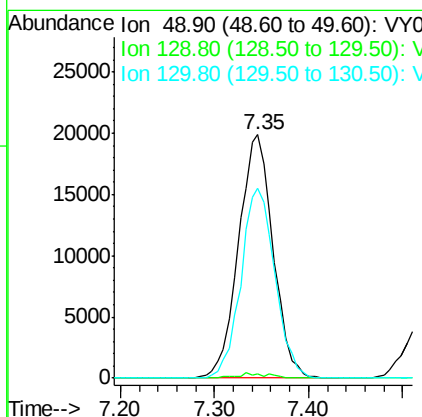
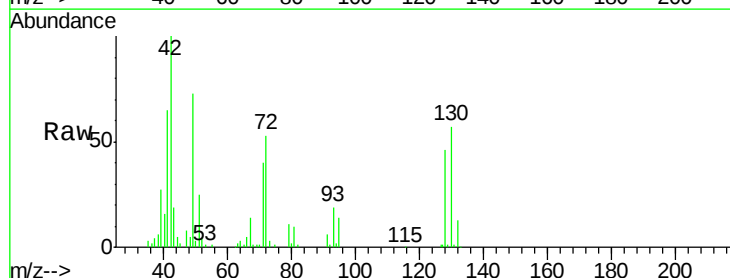
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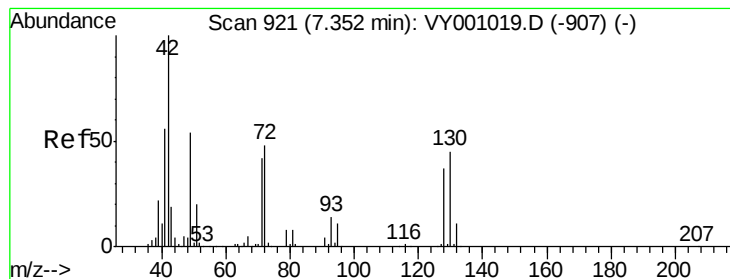


#28

Bromochloromethane
Concen: 17.862 ug/l
RT: 7.35 min Scan# 920
Delta R.T. 0.01 min
Lab File: VY001025.D
Acq: 23 Dec 2019 14:01

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	1.2	0.0	3.8	
130	76.7	60.4	90.6	





#29

Tetrahydrofuran

Concen: 93.307 ug/l

RT: 7.36 min Scan# 922

Delta R.T. 0.01 min

Lab File: VY001025.D

Acq: 23 Dec 2019 14:01

Instrument :

MSVOA_Y

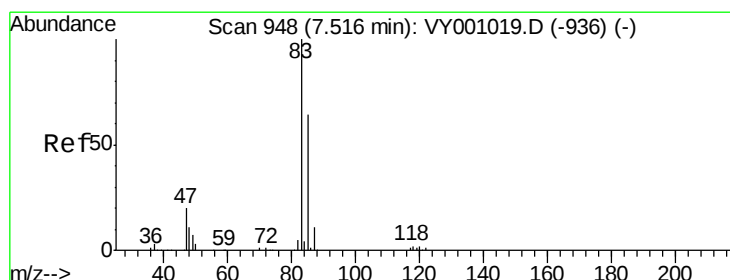
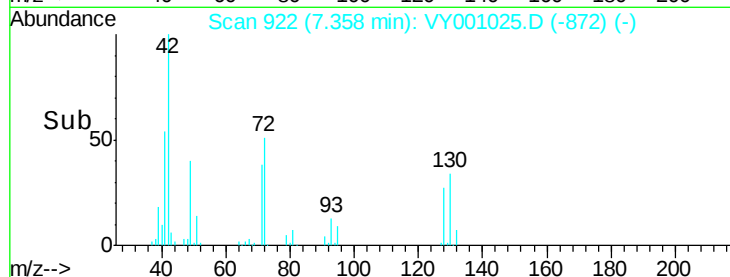
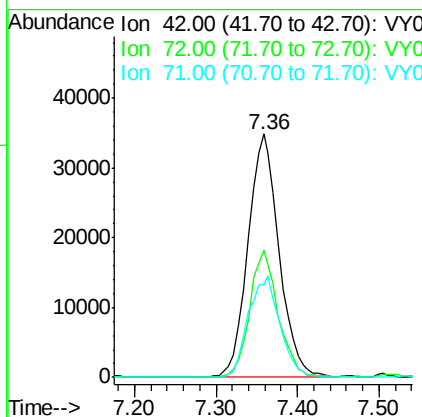
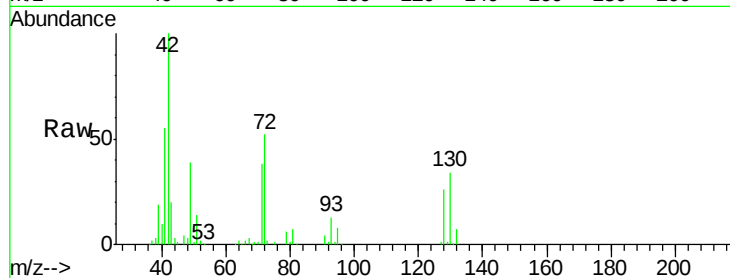
ClientSampleId :

VY1223SBS01

Tot Ion:	42	Resp:	92663
Ion Ratio		Lower	Upper
42	100		
72	48.2	37.7	56.5
71	41.9	34.6	51.8

Manual Integrations
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#30

Chloroform

Concen: 19.546 ug/l

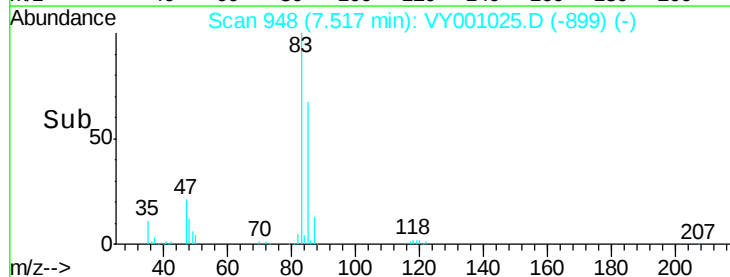
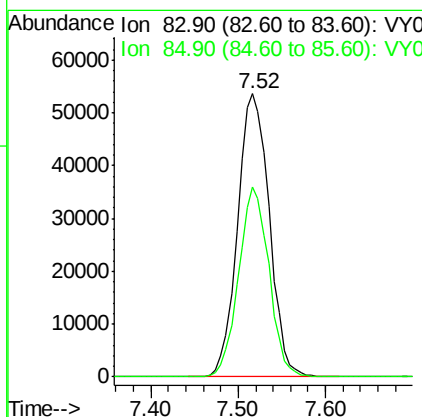
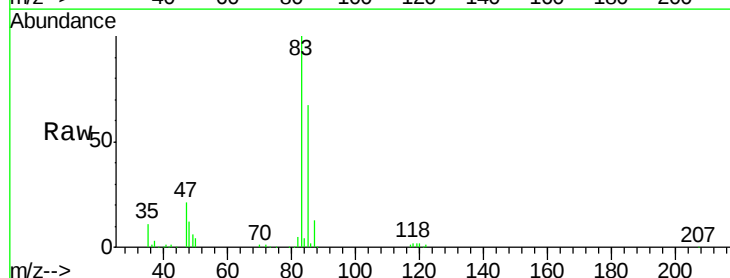
RT: 7.52 min Scan# 948

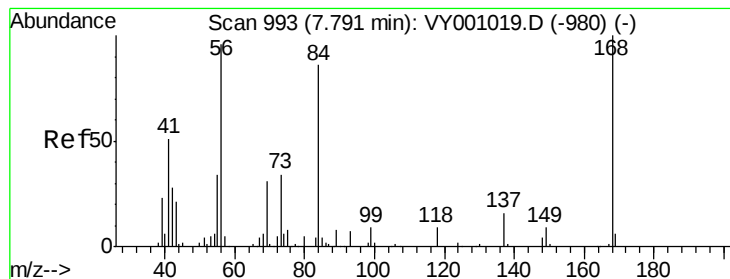
Delta R.T. 0.00 min

Lab File: VY001025.D

Acq: 23 Dec 2019 14:01

Tgt Ion:	83	Resp:	134764
Ion Ratio		Lower	Upper
83	100		
85	67.1	51.6	77.4





#31

Cyclohexane

Concen: 19.208 ug/l

RT: 7.79 min Scan# 993

Delta R.T. 0.00 min

Lab File: VY001025.D

Acq: 23 Dec 2019 14:01

Instrument :

MSVOA_Y

ClientSampleId :

VY1223SBS01

Tot Ion: 56 Resp: 147273

Ion Ratio Lower Upper

56 100

69 35.5 26.1 39.1

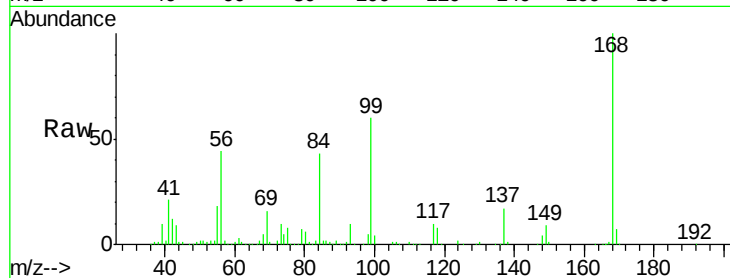
84 94.5 71.8 107.8

Manual Integrations

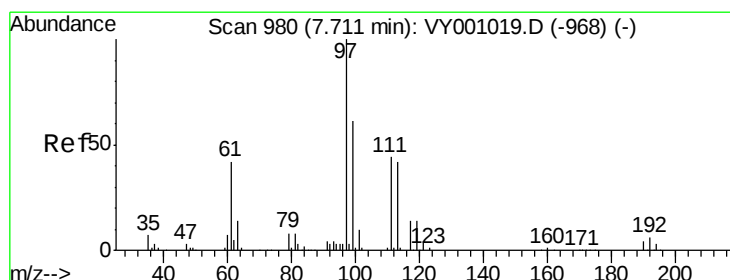
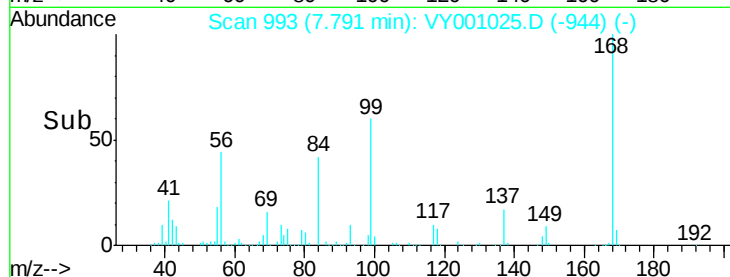
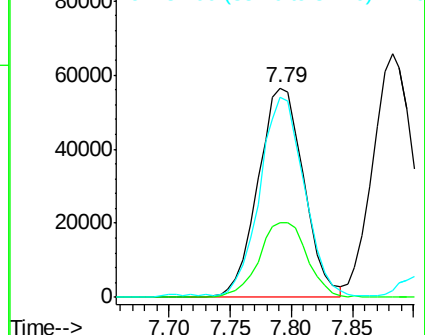
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Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0



#32

1,1,1-Trichloroethane

Concen: 19.482 ug/l

RT: 7.71 min Scan# 980

Delta R.T. 0.00 min

Lab File: VY001025.D

Acq: 23 Dec 2019 14:01

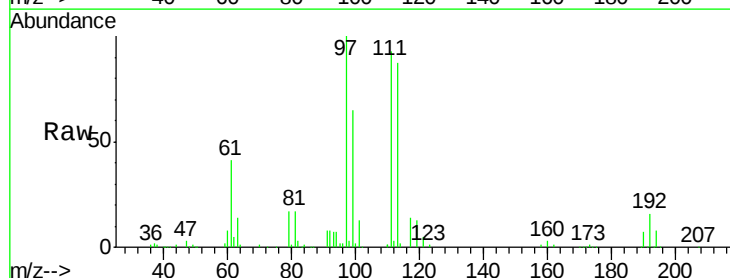
Tgt Ion: 97 Resp: 114583

Ion Ratio Lower Upper

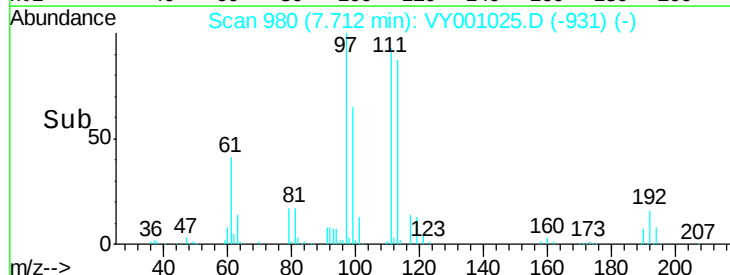
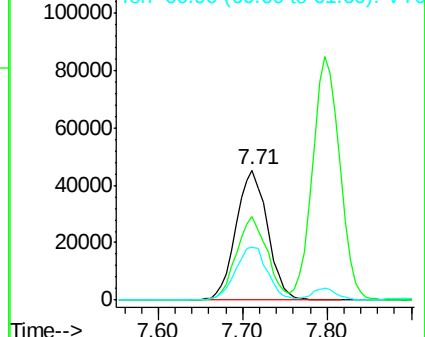
97 100

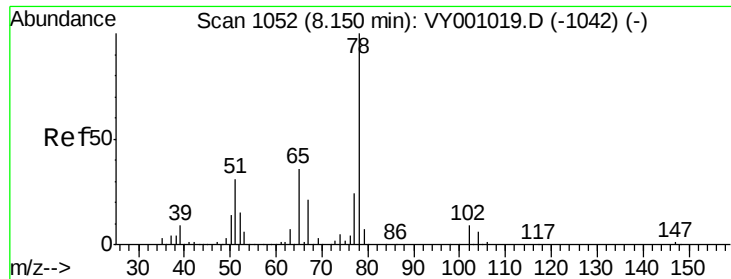
99 62.9 50.6 76.0

61 41.4 33.0 49.6



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





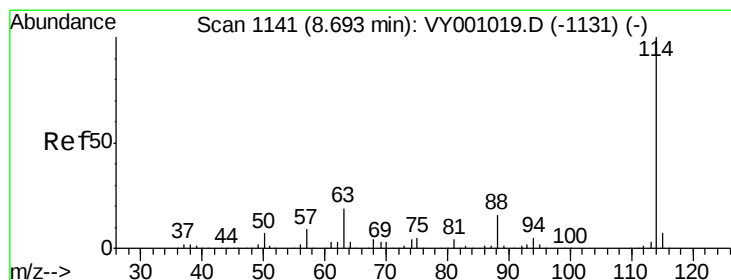
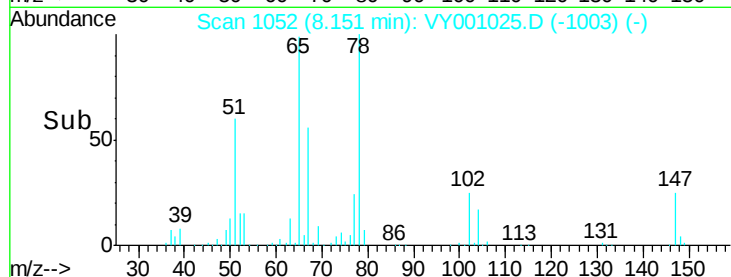
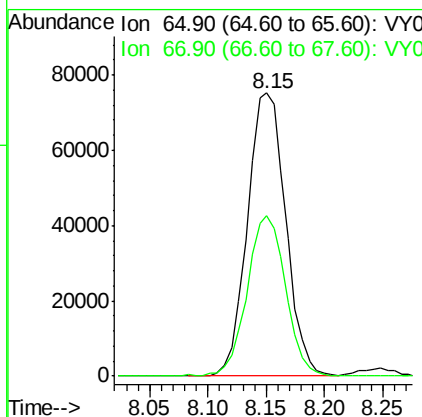
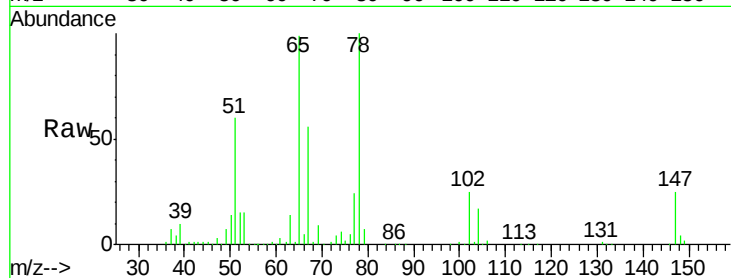
#33
 1,2-Dichloroethane-d4
 Concen: 49.993 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: VY001025.D
 Acq: 23 Dec 2019 14:01

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1223SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	172460		
67	56.9	0.0	112.8	

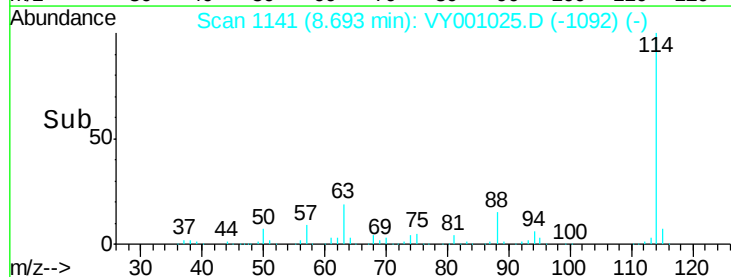
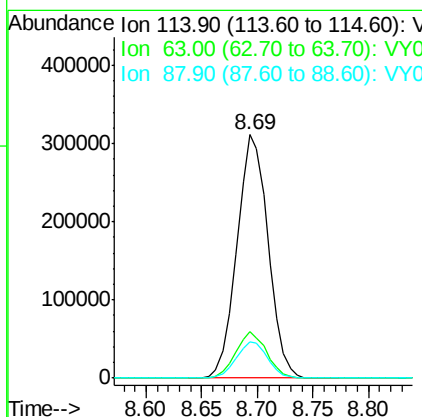
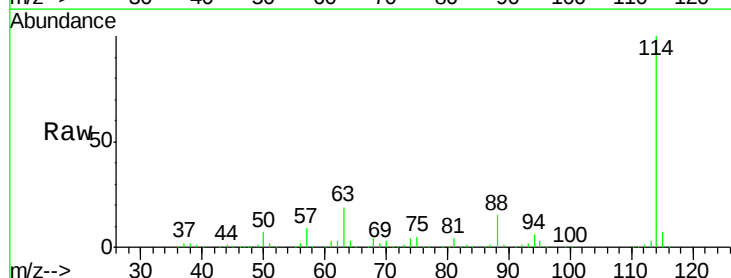
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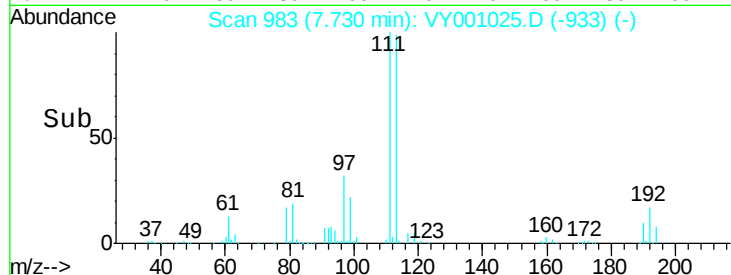
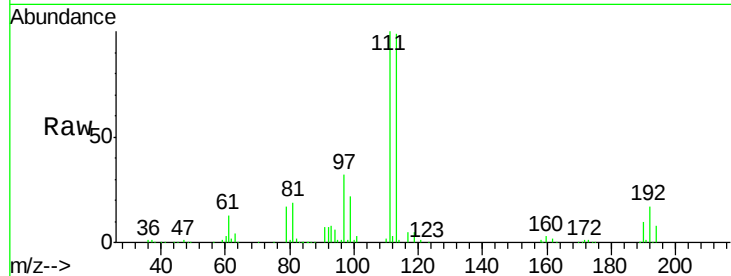
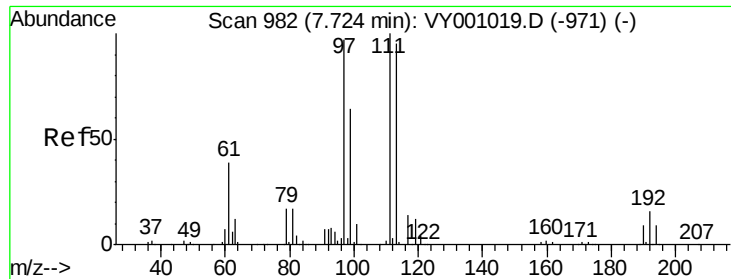
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY001025.D
 Acq: 23 Dec 2019 14:01

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	603924		
63	19.0	0.0	37.0	
88	15.1	0.0	32.0	





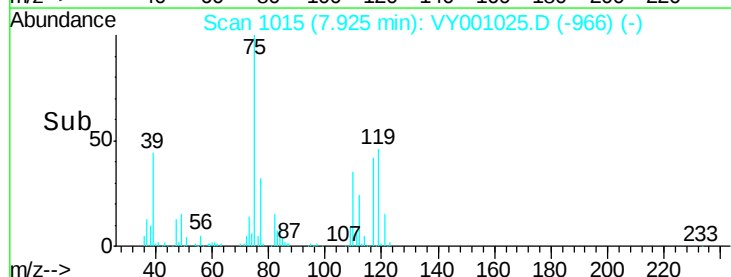
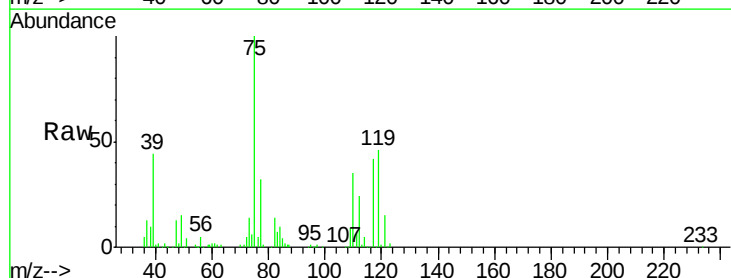
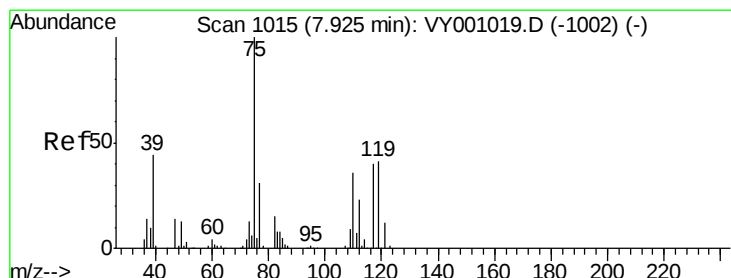
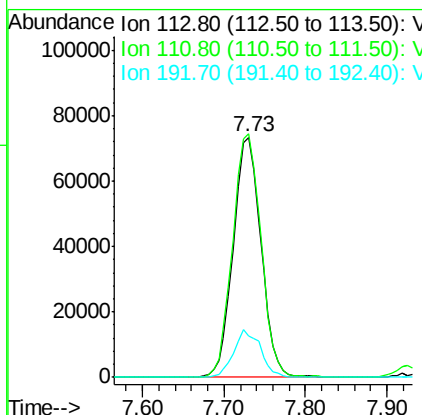
#35
Dibromofluoromethane
Concen: 48.474 ug/l
RT: 7.73 min Scan# 983
Delta R.T. 0.01 min
Lab File: VY001025.D
Acq: 23 Dec 2019 14:01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	172385		
111	103.3	83.0	124.4	
192	19.2	14.6	21.8	

Instrument :
MSVOA_Y
ClientSampleId :
VY1223SBS01

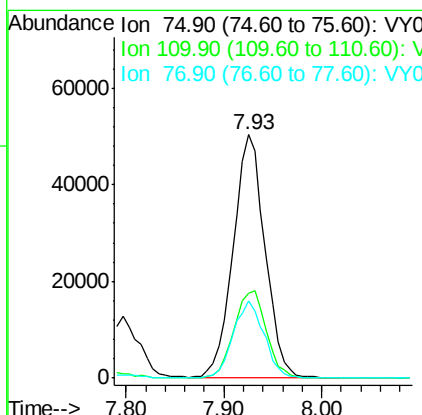
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#36
1,1-Dichloropropene
Concen: 19.756 ug/l
RT: 7.93 min Scan# 1015
Delta R.T. 0.00 min
Lab File: VY001025.D
Acq: 23 Dec 2019 14:01

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	113821		
110	36.5	18.1	54.4	
77	30.8	24.6	37.0	





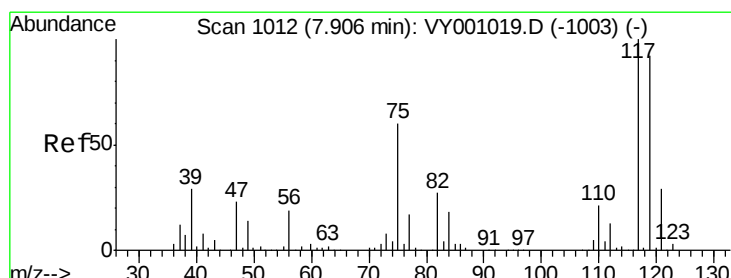
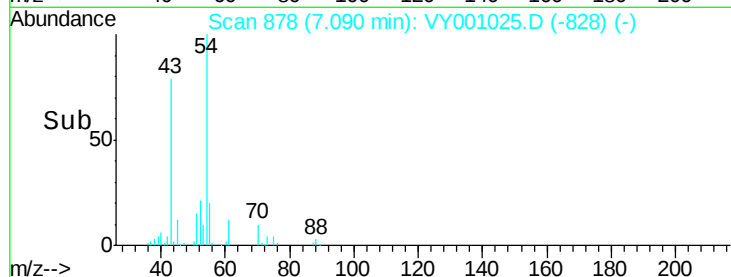
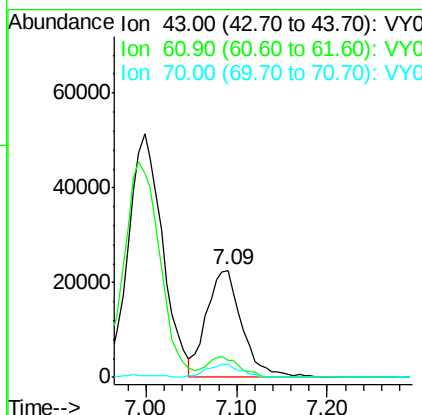
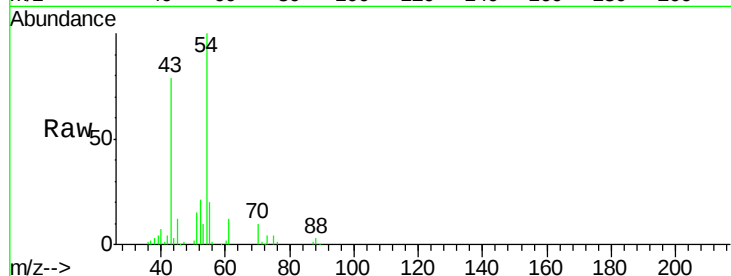
#37
Ethyl Acetate
Concen: 19.261 ug/l
RT: 7.09 min Scan# 878
Delta R.T. 0.01 min
Lab File: VY001025.D
Acq: 23 Dec 2019 14:01

Instrument :
MSVOA_Y
ClientSampleId :
VY1223SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	17.7	12.5	18.7
70	11.5	9.0	13.4

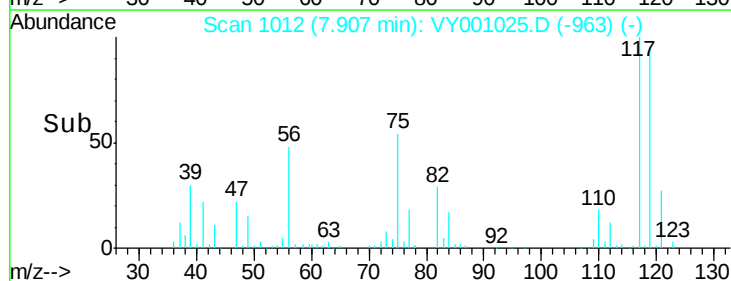
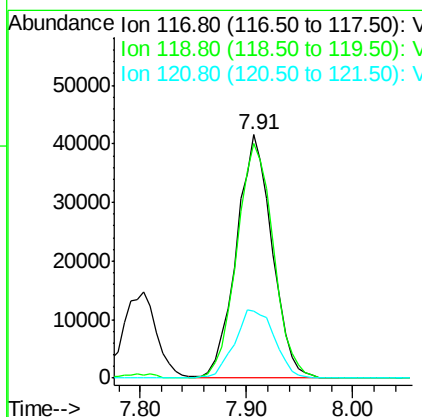
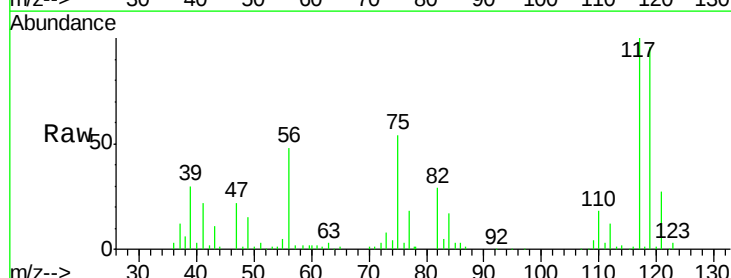
Manual Integrations
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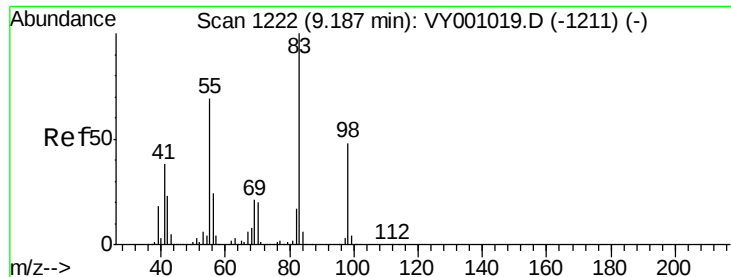
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#38
Carbon Tetrachloride
Concen: 19.367 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VY001025.D
Acq: 23 Dec 2019 14:01

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.4	74.2	111.2
121	27.4	22.9	34.3





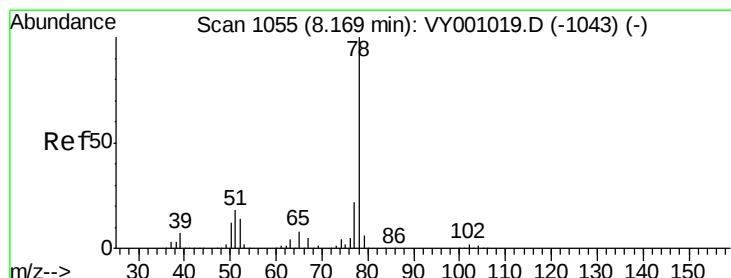
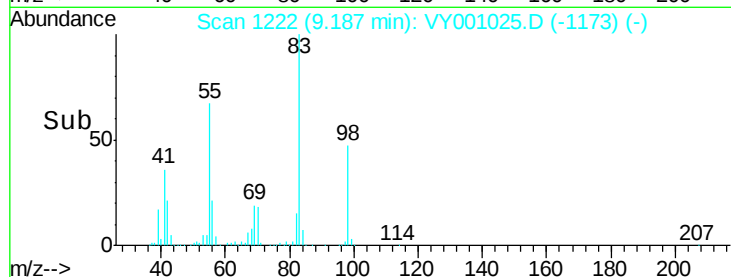
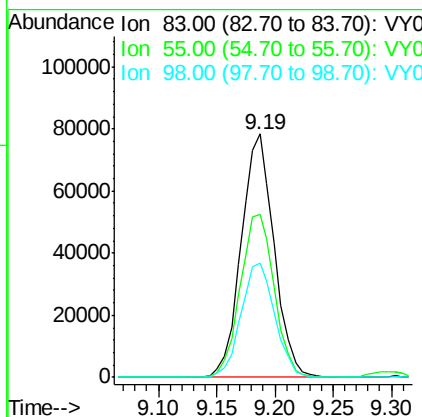
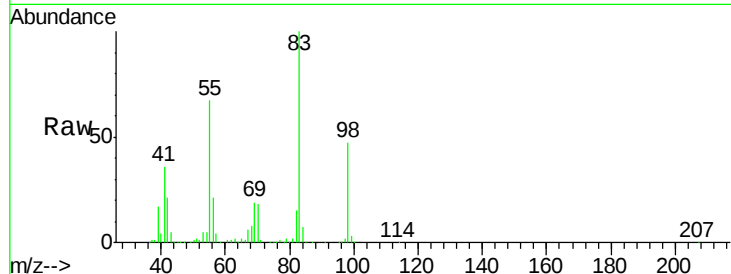
#39
Methvlcvclohexane
Concen: 20.078 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY001025.D
Acq: 23 Dec 2019 14:01

Instrument :
MSVOA_Y
ClientSampleId :
VY1223SBS01

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	66.8	55.1	82.7	
98	47.1	38.3	57.5	

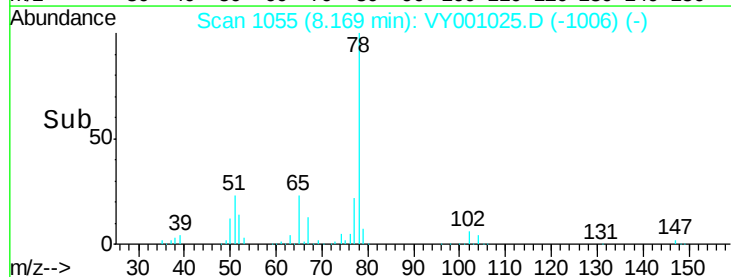
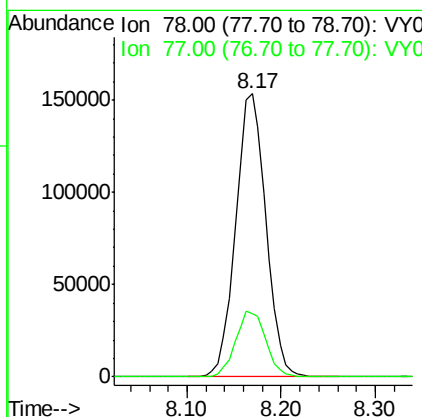
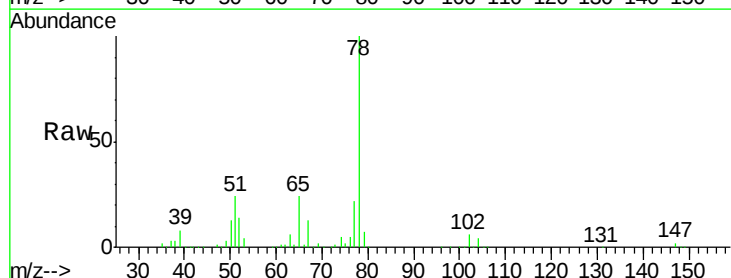
Manual Integrations
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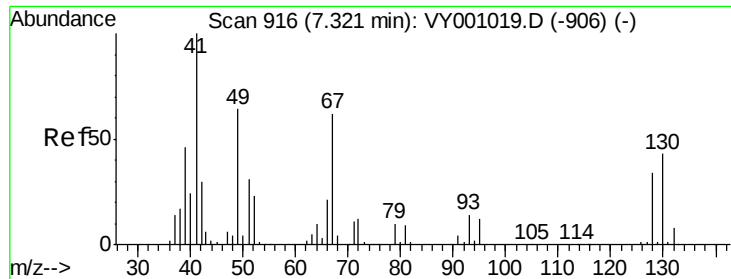
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#40
Benzene
Concen: 19.691 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. 0.00 min
Lab File: VY001025.D
Acq: 23 Dec 2019 14:01

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	22.2	17.7	26.5	





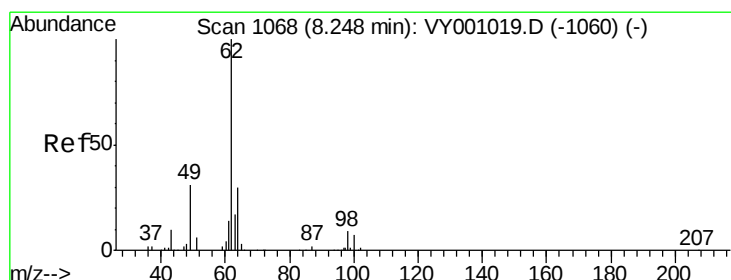
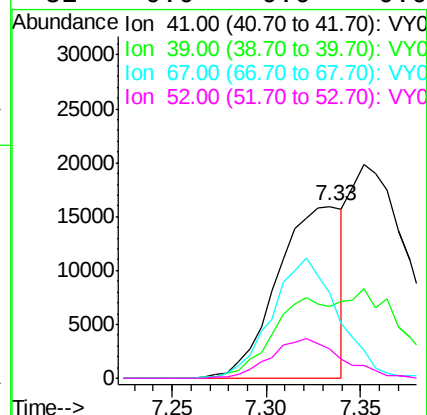
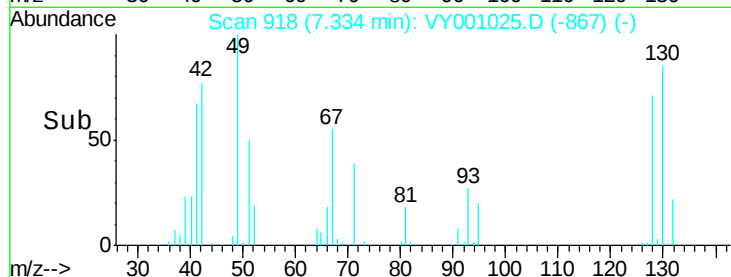
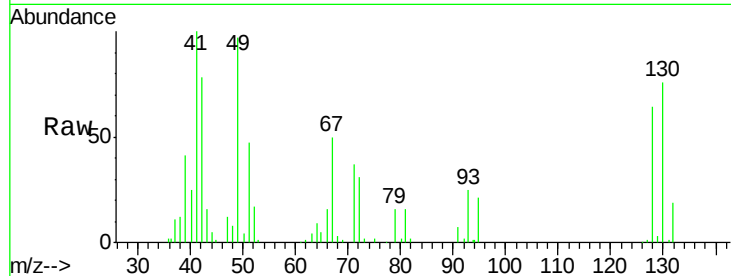
#41
Methacrylonitrile
Concen: 27.872 ug/l m
RT: 7.33 min Scan# 918
Delta R.T. 0.01 min
Lab File: VY001025.D
Acq: 23 Dec 2019 14:01

Instrument :
MSVOA_Y
ClientSampleId :
VY1223SBS01

Tot Ion	41	Resp:	38550
Ion Ratio	Lower	Upper	
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

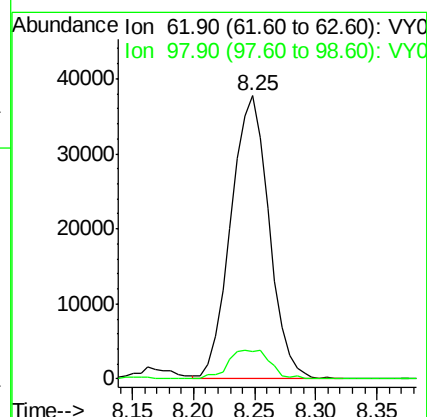
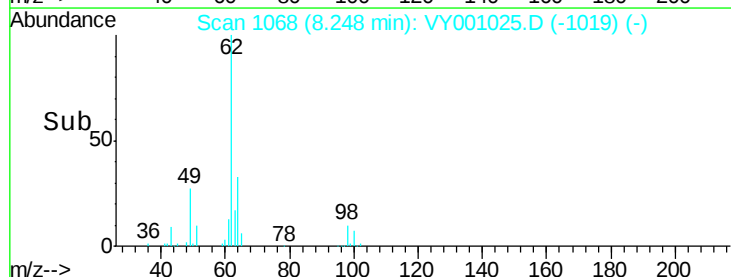
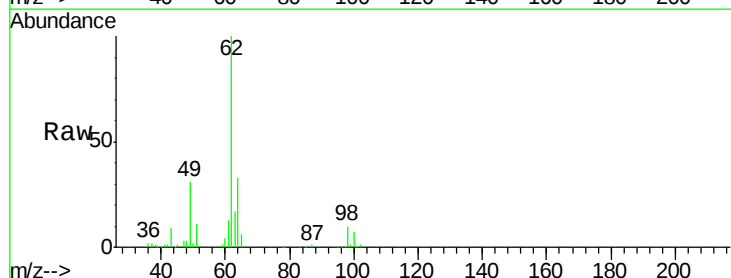
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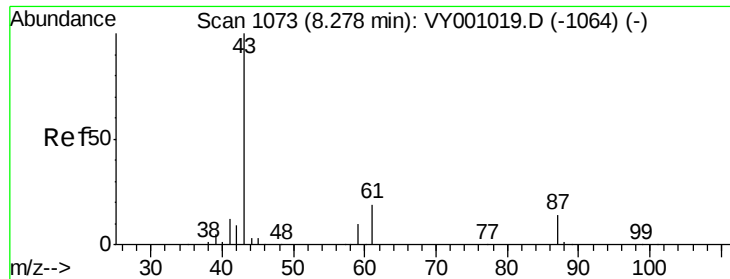
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#42
1,2-Dichloroethane
Concen: 19.534 ug/l
RT: 8.25 min Scan# 1068
Delta R.T. 0.00 min
Lab File: VY001025.D
Acq: 23 Dec 2019 14:01

Tgt Ion	62	Resp:	81177
Ion Ratio	Lower	Upper	
62	100		
98	11.4	0.0	23.4





#43

Isopropyl Acetate

Concen: 18.957 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. 0.00 min

Lab File: VY001025.D

Acq: 23 Dec 2019 14:01

Instrument :

MSVOA_Y

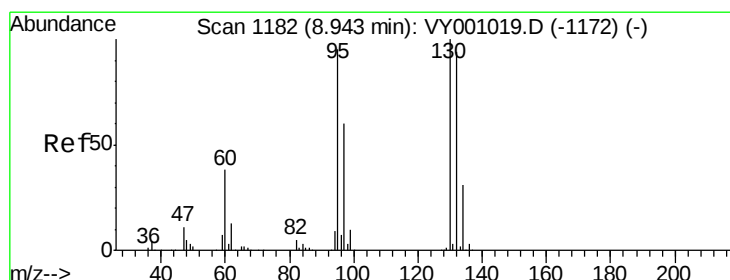
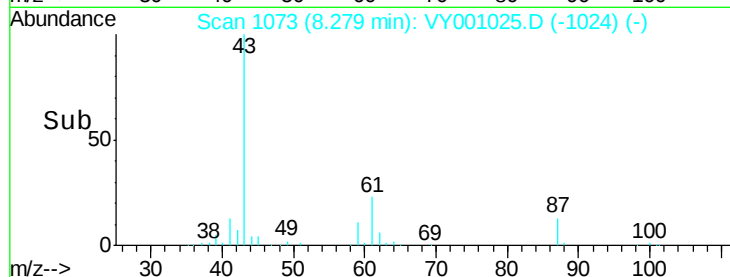
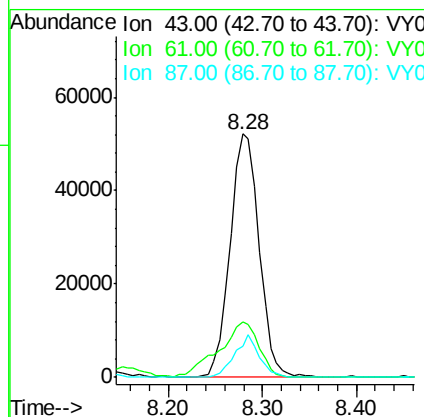
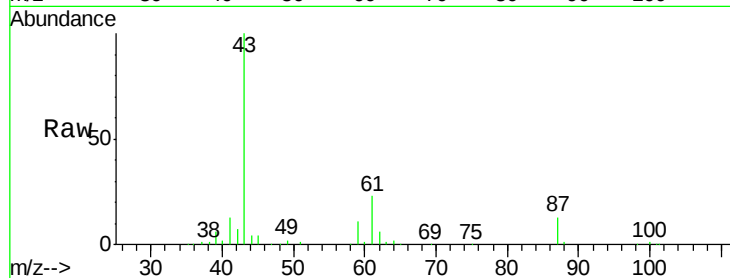
ClientSampleId :

VY1223SBS01

Tot Ion:	43	Resp:	111952
Ion	Ratio	Lower	Upper
43	100		
61	31.4	25.0	37.6
87	14.8	12.0	18.0

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#44

Trichloroethene

Concen: 19.890 ug/l

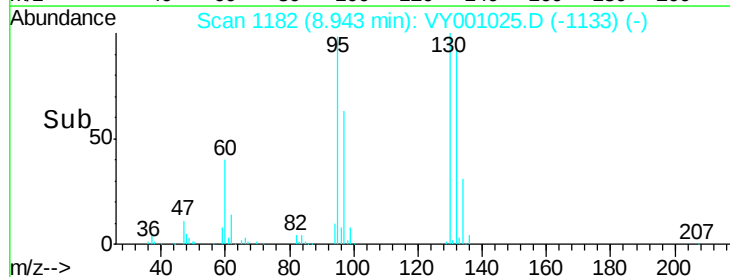
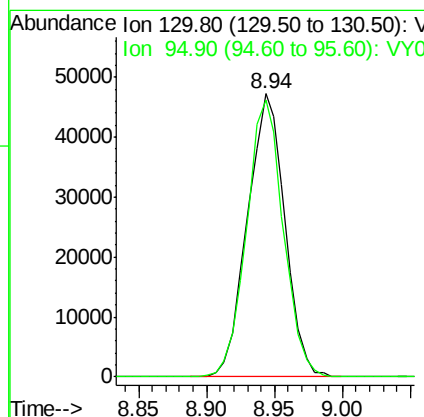
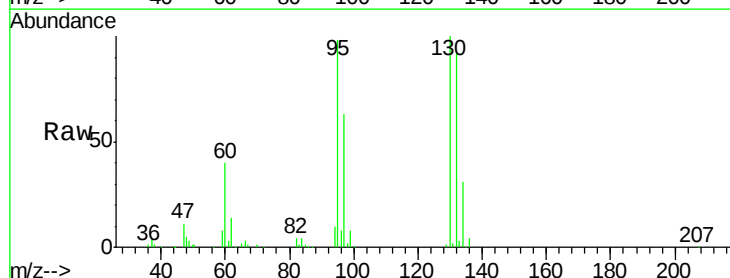
RT: 8.94 min Scan# 1182

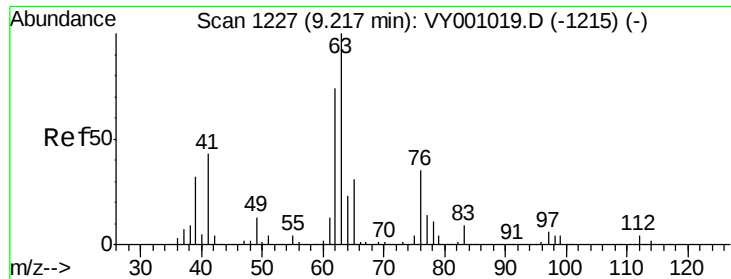
Delta R.T. 0.00 min

Lab File: VY001025.D

Acq: 23 Dec 2019 14:01

Tgt Ion:	130	Resp:	91090
Ion	Ratio	Lower	Upper
130	100		
95	97.7	0.0	190.6





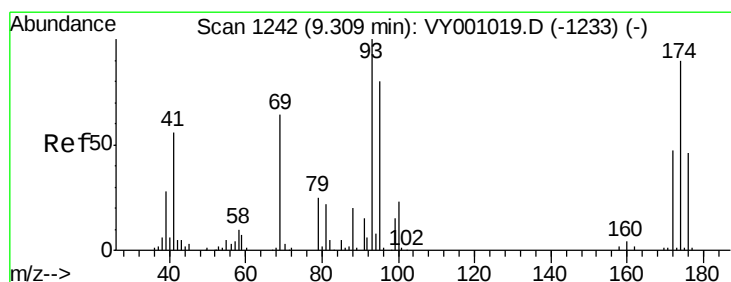
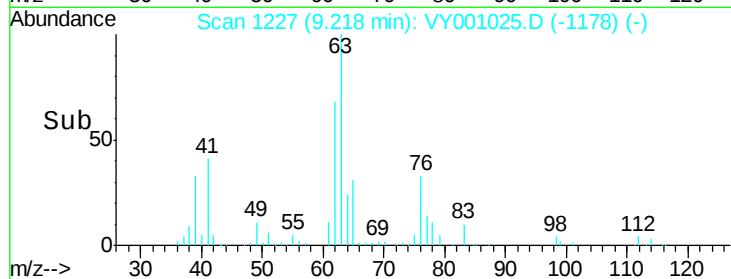
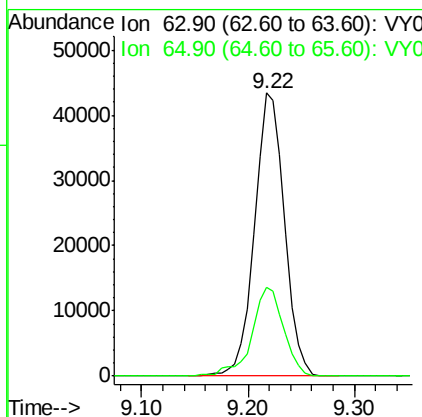
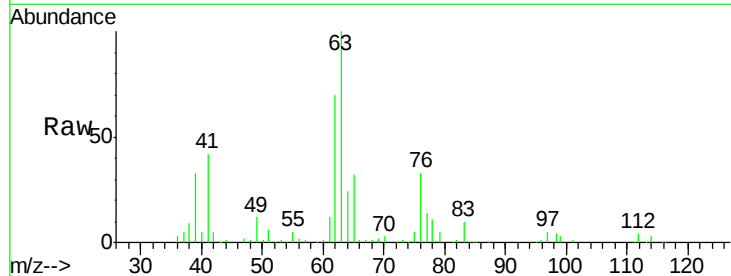
#45
 1,2-Dichloropropane
 Concen: 19.618 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. 0.00 min
 Lab File: VY001025.D
 Acq: 23 Dec 2019 14:01

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1223SBS01

Tot Ion: 63 Resp: 85544
 Ion Ratio Lower Upper
 63 100
 65 31.5 25.1 37.7

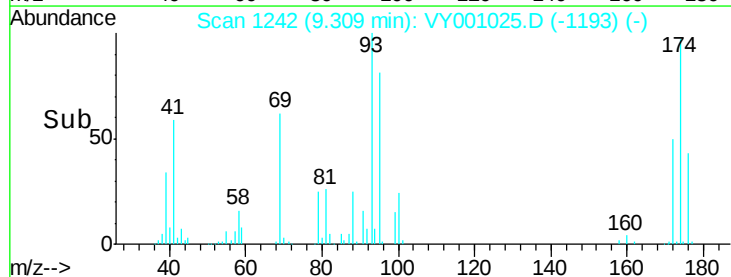
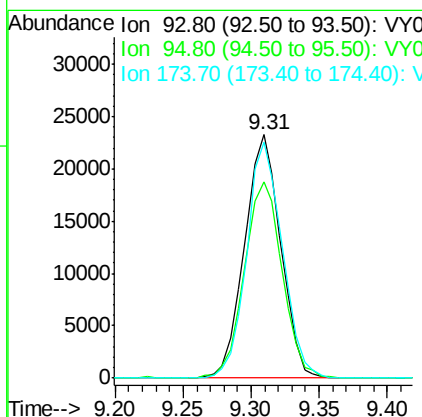
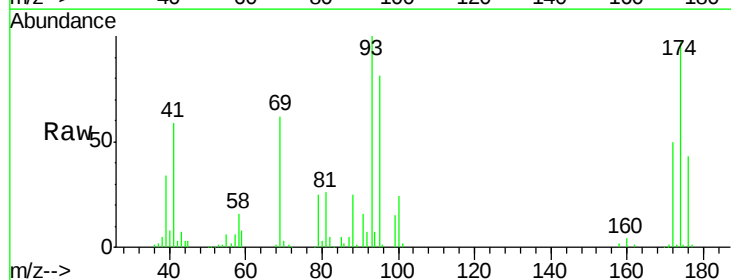
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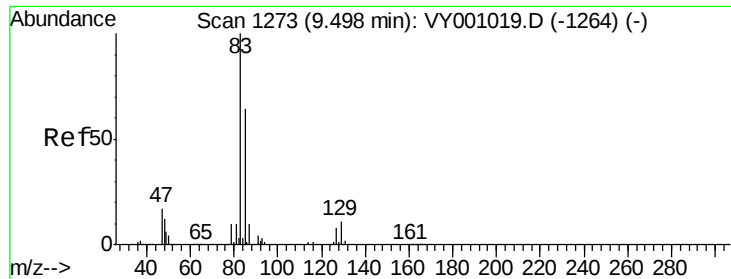
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#46
 Dibromomethane
 Concen: 19.298 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: VY001025.D
 Acq: 23 Dec 2019 14:01

Tgt Ion: 93 Resp: 43377
 Ion Ratio Lower Upper
 93 100
 95 84.4 66.7 100.1
 174 95.4 73.6 110.4





#47

Bromodichloromethane

Concen: 19.253 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VY001025.D

Acq: 23 Dec 2019 14:01

Instrument :

MSVOA_Y

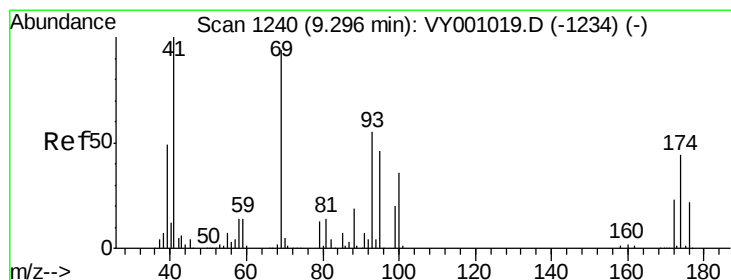
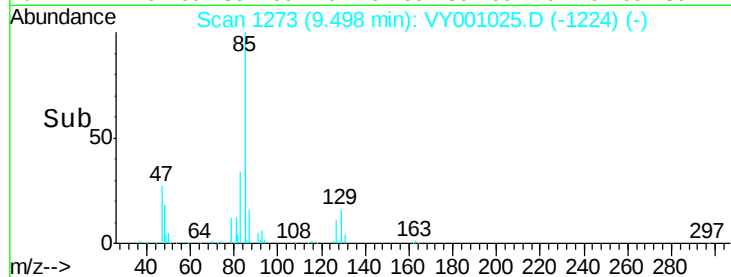
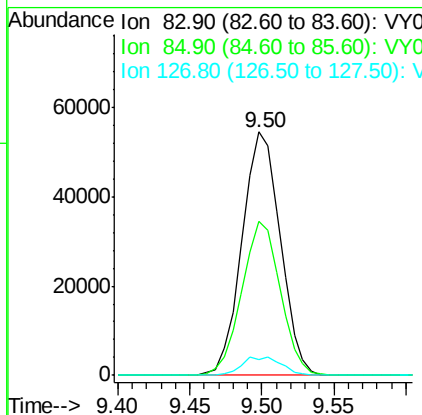
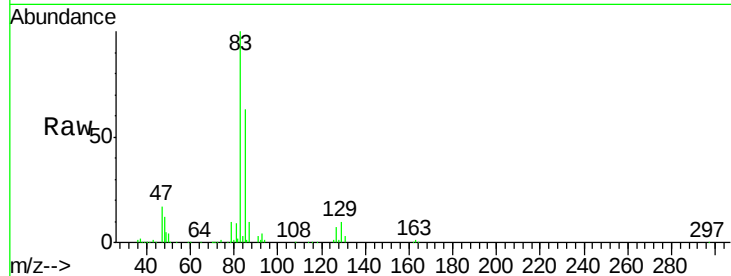
ClientSampleId :

VY1223SBS01

Tot Ion:	83	Resp:	100244
Ion Ratio	Lower	Upper	
83	100		
85	63.5	50.9	76.3
127	6.7	6.4	9.6

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#48

Methyl methacrylate

Concen: 18.527 ug/l

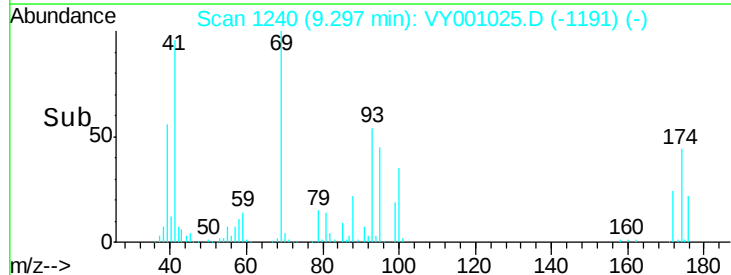
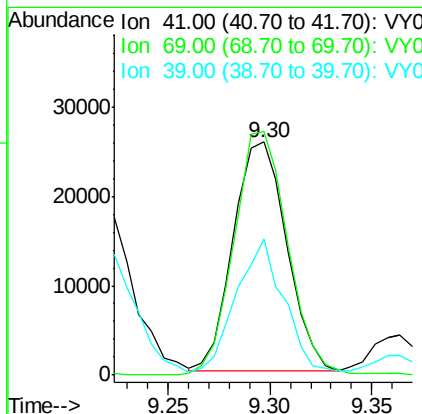
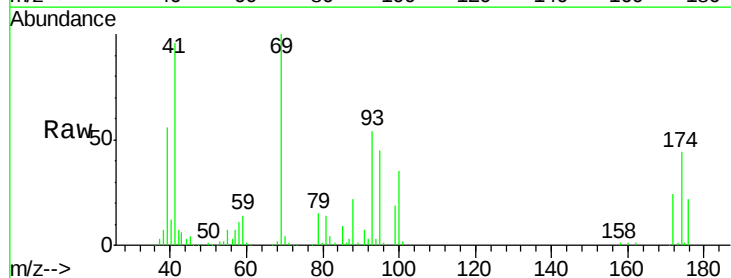
RT: 9.30 min Scan# 1240

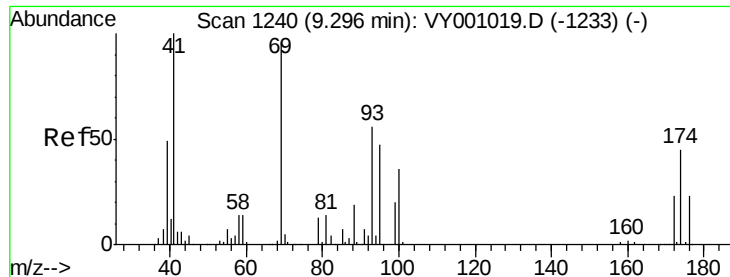
Delta R.T. 0.00 min

Lab File: VY001025.D

Acq: 23 Dec 2019 14:01

Tgt Ion:	41	Resp:	46689
Ion Ratio	Lower	Upper	
41	100		
69	107.4	79.8	119.6
39	54.6	41.7	62.5





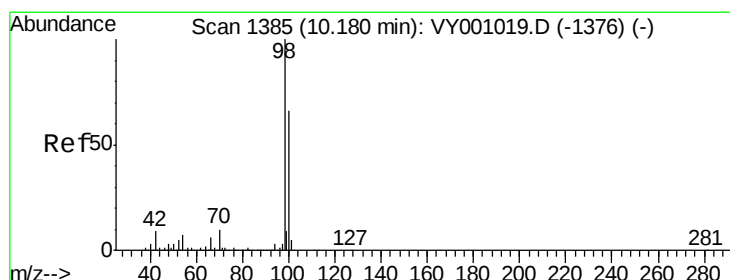
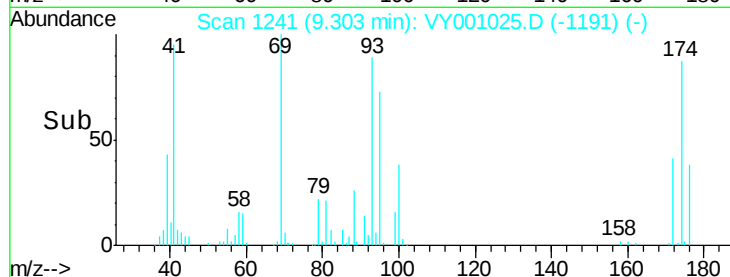
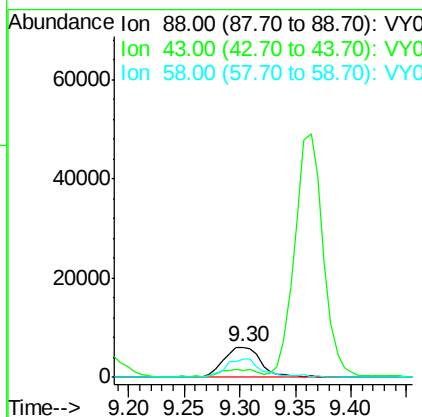
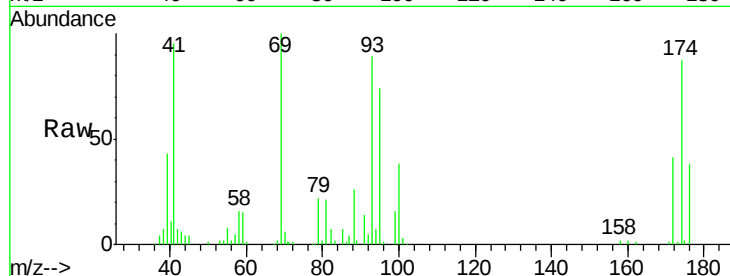
#49
1,4-Dioxane
Concen: 433.508 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. 0.01 min
Lab File: VY001025.D
Acq: 23 Dec 2019 14:01

Instrument :
MSVOA_Y
ClientSampleId :
VY1223SBS01

Tot Ion	88	Resp	14254
Ion	Ratio	Lower	Upper
88	100		
43	23.6	23.0	34.4
58	55.1	54.9	82.3

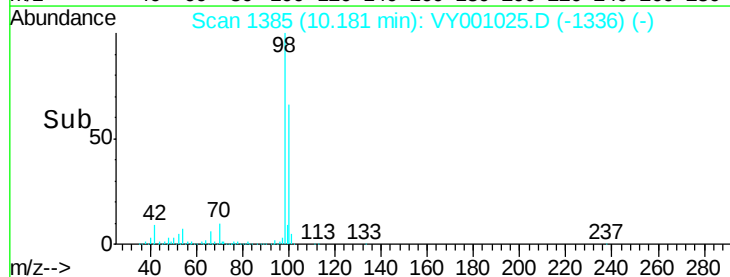
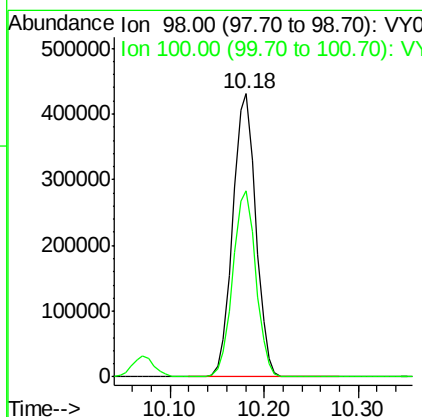
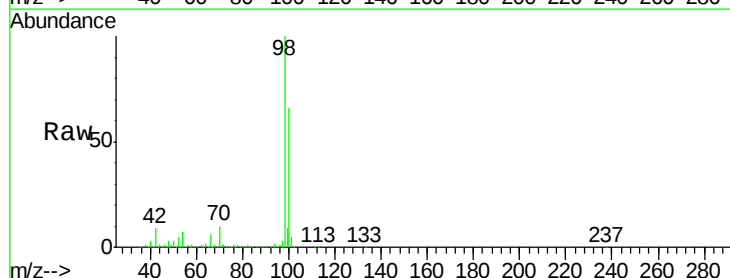
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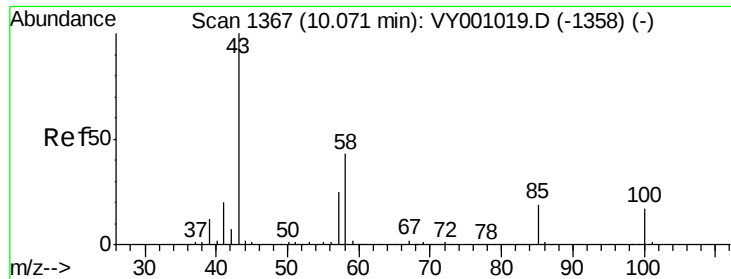
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#50
Toluene-d8
Concen: 52.525 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY001025.D
Acq: 23 Dec 2019 14:01

Tgt Ion	98	Resp	729972
Ion	Ratio	Lower	Upper
98	100		
100	65.9	53.0	79.4





#51

4-Methyl-2-Pentanone

Concen: 96.557 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. 0.00 min

Lab File: VY001025.D

Acq: 23 Dec 2019 14:01

Instrument :

MSVOA_Y

ClientSampleId :

VY1223SBS01

Tot Ion: 43 Resp: 297203

Ion Ratio Lower Upper

43 100

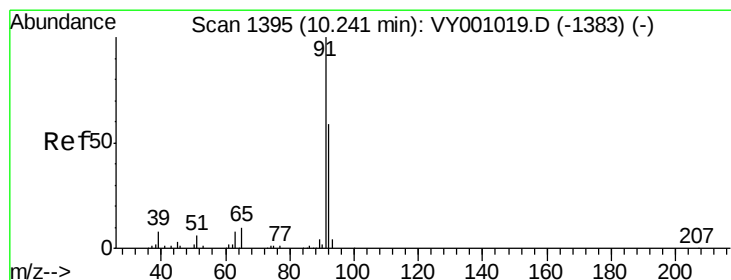
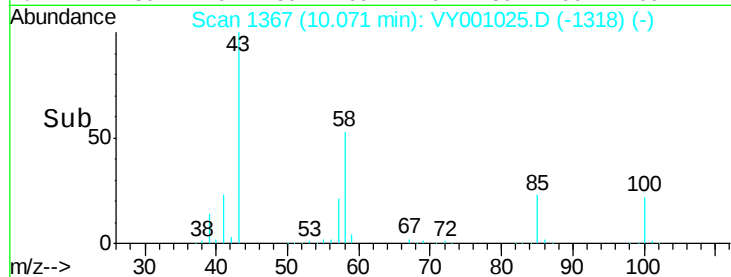
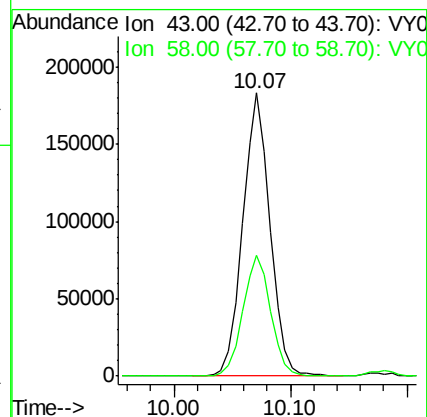
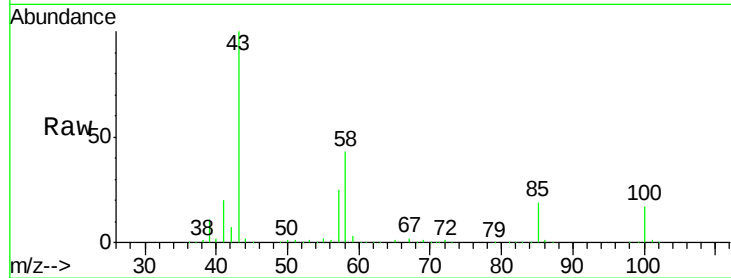
58 43.5 34.6 52.0

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#52

Toluene

Concen: 19.728 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. 0.00 min

Lab File: VY001025.D

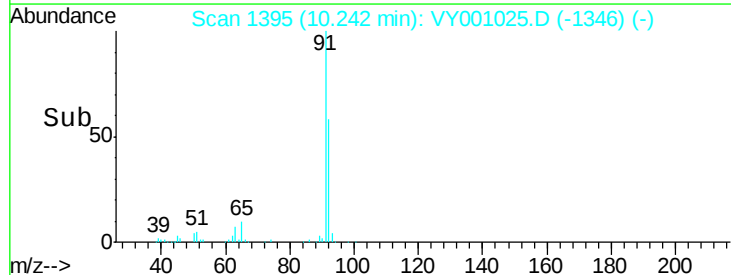
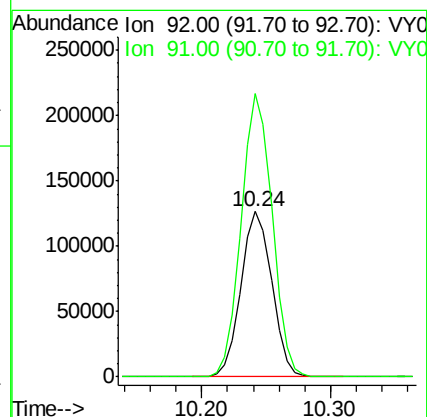
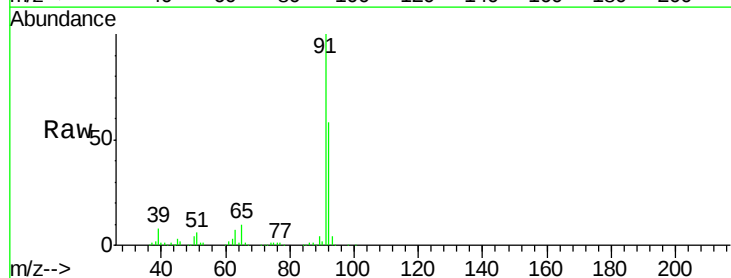
Acq: 23 Dec 2019 14:01

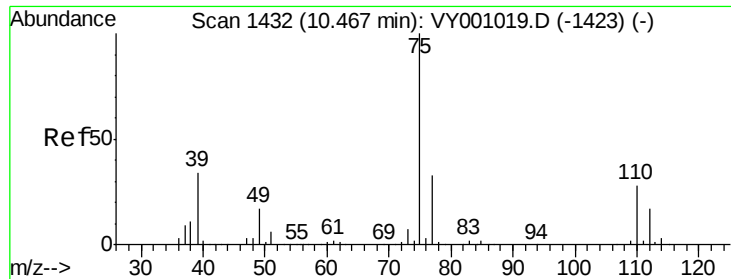
Tgt Ion: 92 Resp: 211049

Ion Ratio Lower Upper

92 100

91 171.3 135.7 203.5





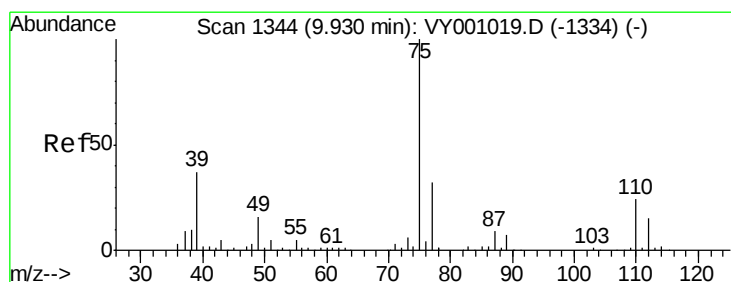
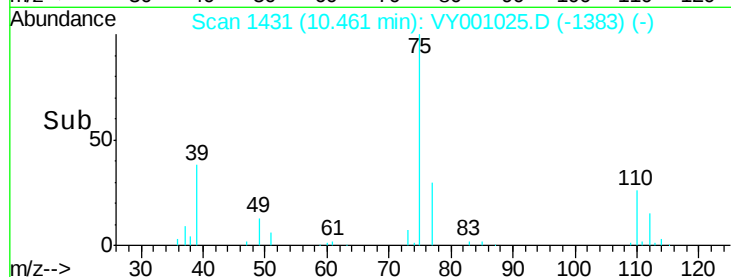
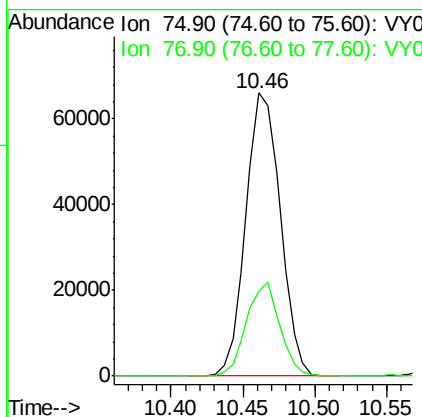
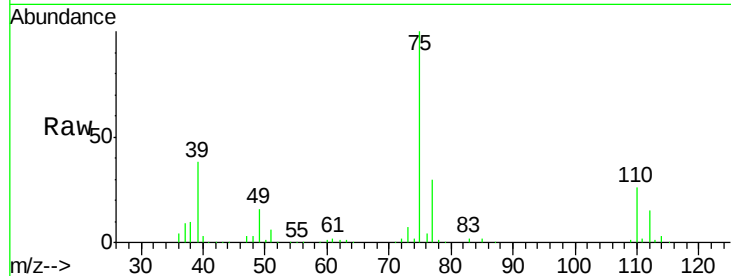
#53
 t-1,3-Dichloropropene
 Concen: 19.424 ug/l
 RT: 10.46 min Scan# 1431
 Delta R.T. -0.01 min
 Lab File: VY001025.D
 Acq: 23 Dec 2019 14:01

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1223SBS01

Tot Ion: 75 Resp: 109758
 Ion Ratio Lower Upper
 75 100
 77 30.1 26.5 39.7

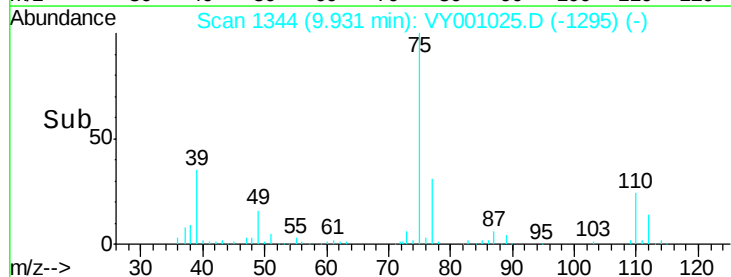
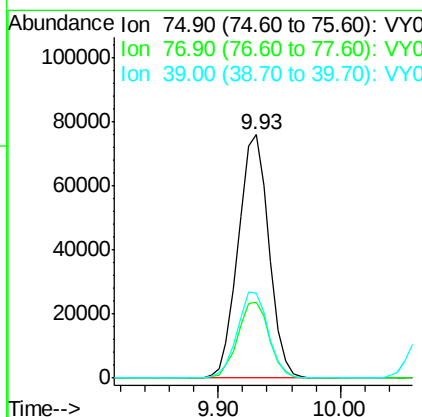
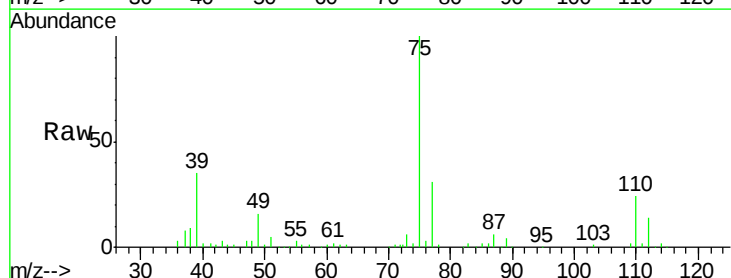
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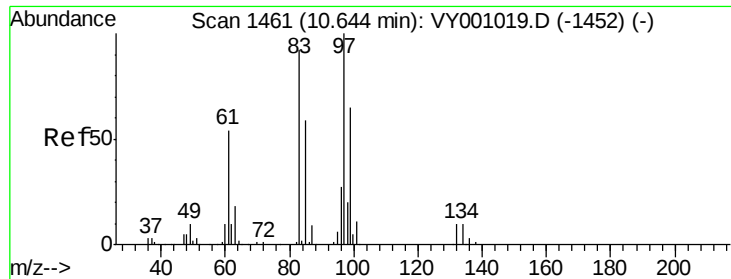
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#54
 cis-1,3-Dichloropropene
 Concen: 19.439 ug/l
 RT: 9.93 min Scan# 1344
 Delta R.T. 0.00 min
 Lab File: VY001025.D
 Acq: 23 Dec 2019 14:01

Tgt Ion: 75 Resp: 132079
 Ion Ratio Lower Upper
 75 100
 77 31.1 25.2 37.8
 39 34.9 29.5 44.3





#55

1,1,2-Trichloroethane

Concen: 19.314 ug/l

RT: 10.64 min Scan# 1461

Delta R.T. 0.00 min

Lab File: VY001025.D

Acq: 23 Dec 2019 14:01

Instrument :

MSVOA_Y

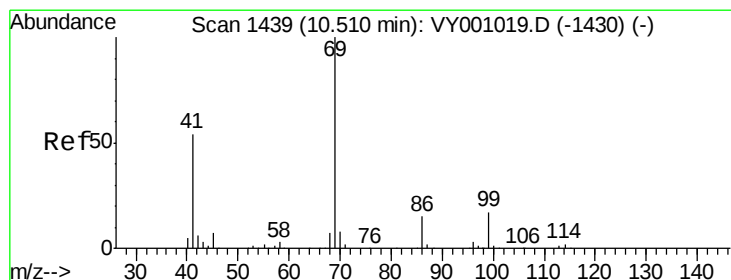
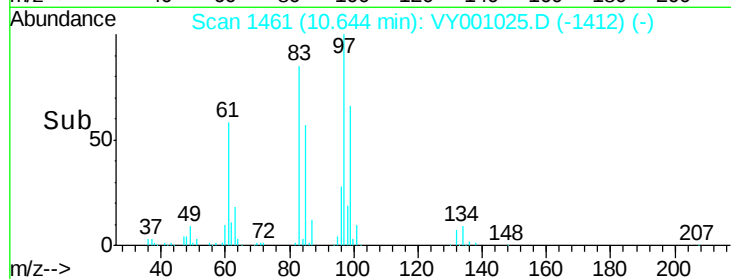
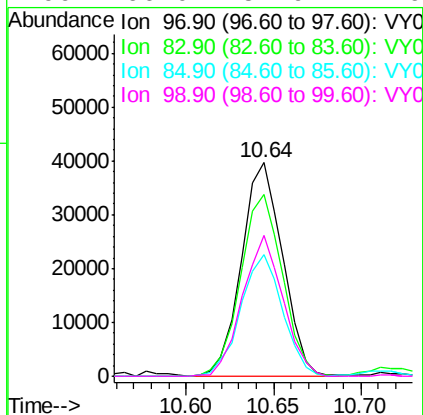
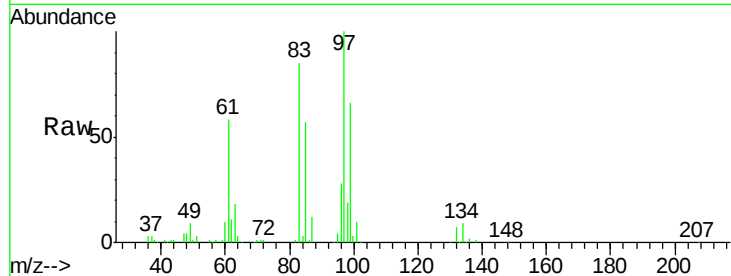
ClientSampleId :

VY1223SBS01

Tot Ion:	97	Resp:	64811
Ion	Ratio	Lower	Upper
97	100		
83	85.4	73.7	110.5
85	57.0	47.3	70.9
99	66.0	51.9	77.9

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#56

Ethyl methacrylate

Concen: 19.254 ug/l

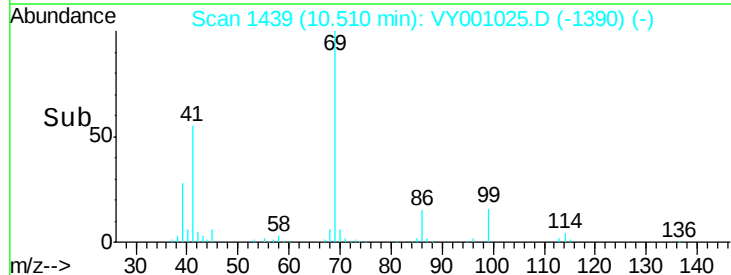
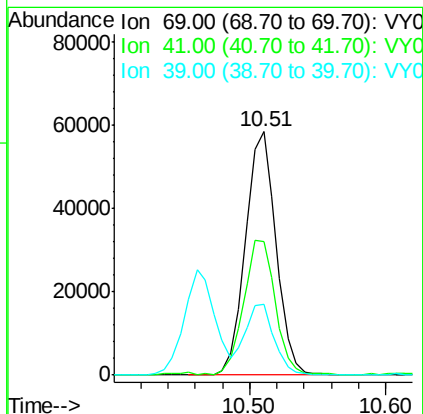
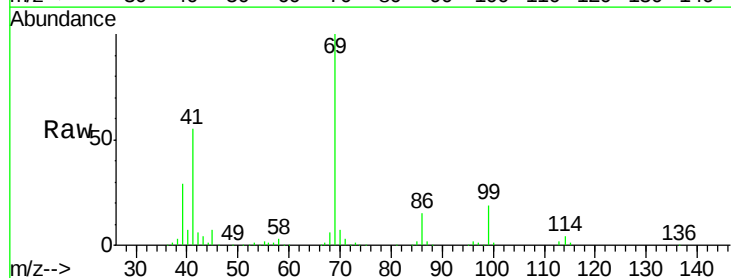
RT: 10.51 min Scan# 1439

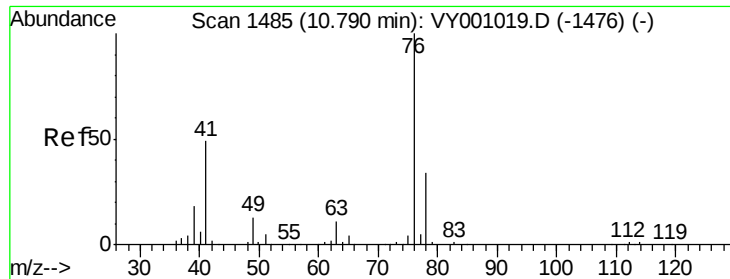
Delta R.T. 0.00 min

Lab File: VY001025.D

Acq: 23 Dec 2019 14:01

Tgt Ion:	69	Resp:	91953
Ion	Ratio	Lower	Upper
69	100		
41	57.1	44.7	67.1
39	27.8	22.2	33.4





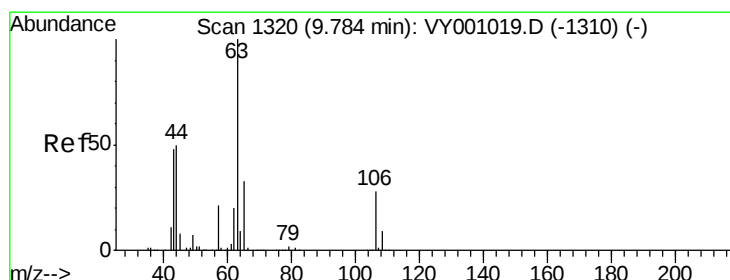
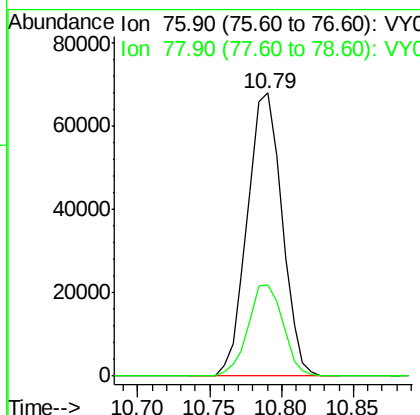
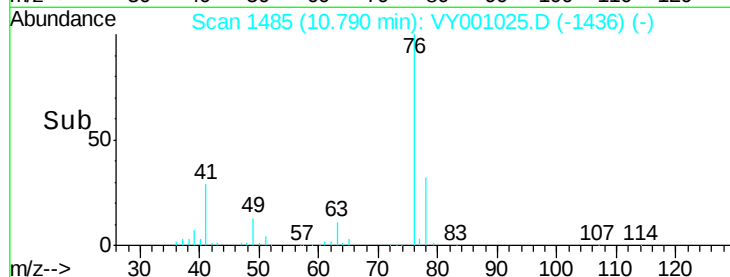
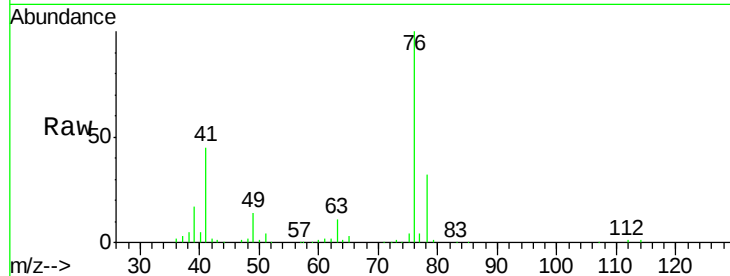
#57
 1,3-Dichloropropane
 Concen: 19.333 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. 0.00 min
 Lab File: VY001025.D
 Acq: 23 Dec 2019 14:01

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1223SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.4	25.8	38.8

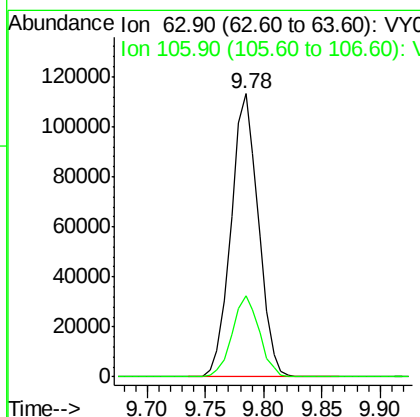
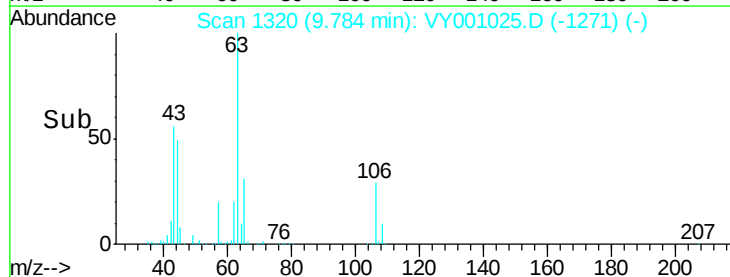
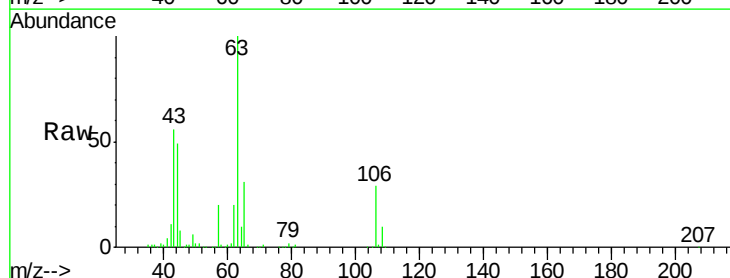
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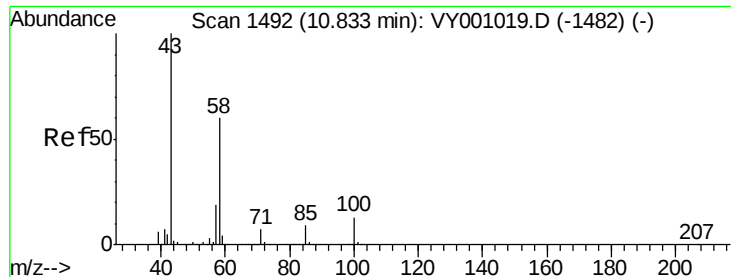
apatel
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#58
 2-Chloroethyl Vinyl ether
 Concen: 100.574 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. 0.00 min
 Lab File: VY001025.D
 Acq: 23 Dec 2019 14:01

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.3	22.7	34.1





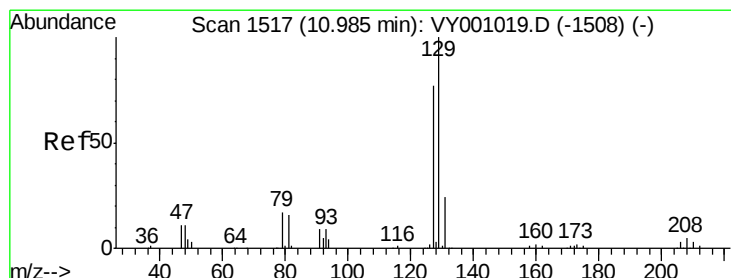
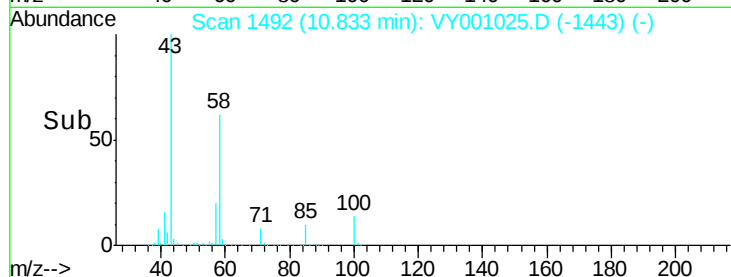
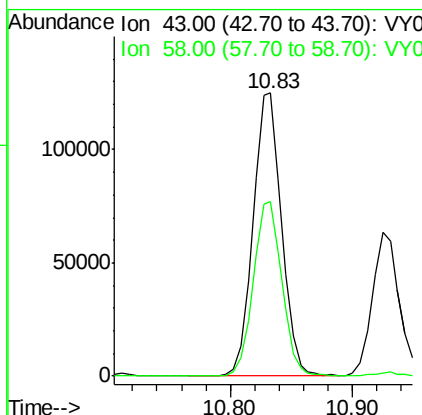
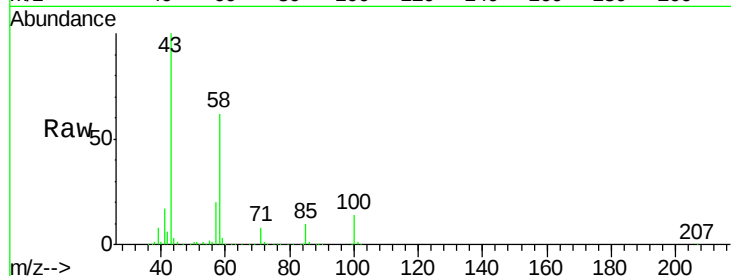
#59
2-Hexanone
Concen: 95.223 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY001025.D
Acq: 23 Dec 2019 14:01

Instrument :
MSVOA_Y
ClientSampleId :
VY1223SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	61.9	30.6	91.6

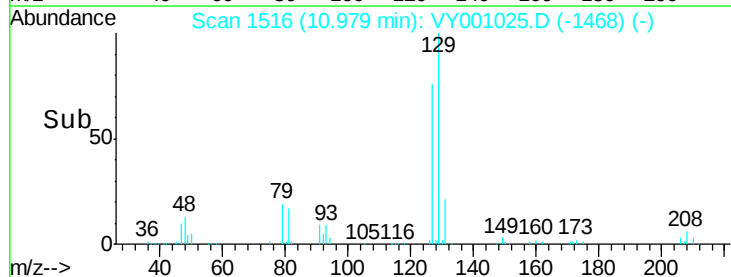
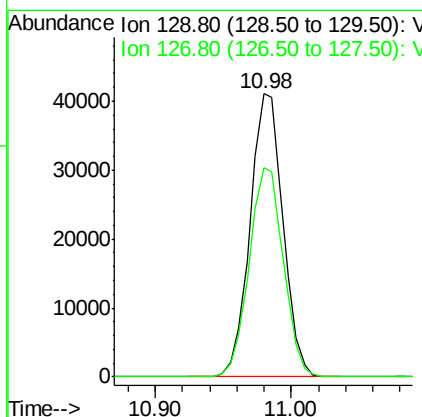
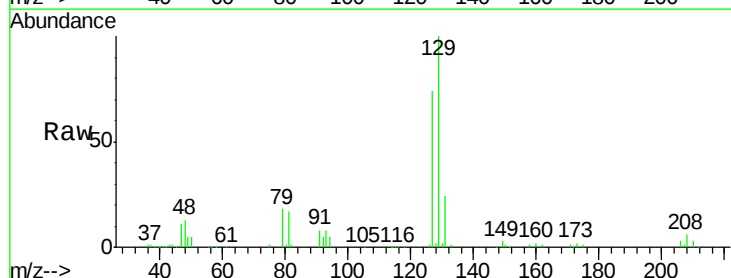
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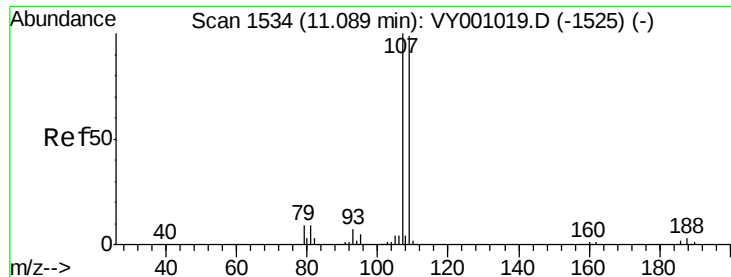
apatel
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#60
Dibromochloromethane
Concen: 19.436 ug/l
RT: 10.98 min Scan# 1516
Delta R.T. -0.01 min
Lab File: VY001025.D
Acq: 23 Dec 2019 14:01

Tgt Ion	Ratio	Lower	Upper
129	100		
127	76.9	39.1	117.3





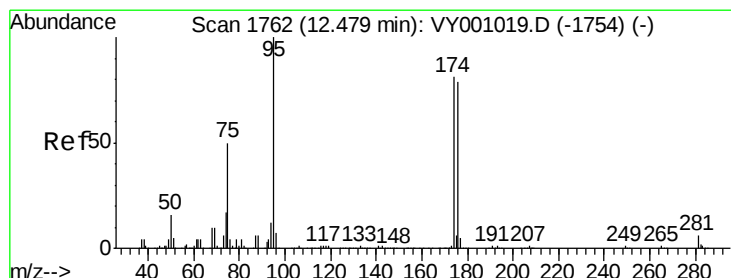
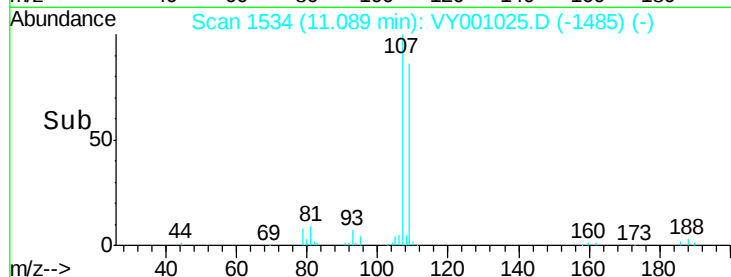
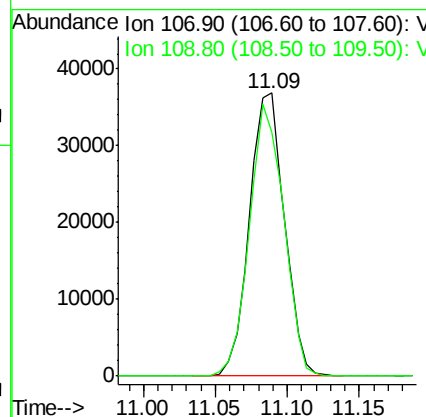
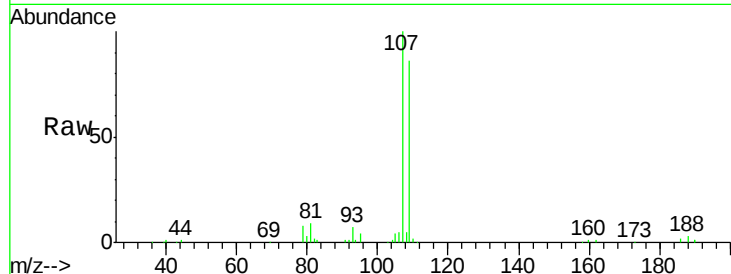
#61
 1,2-Dibromoethane
 Concen: 19.293 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY001025.D
 Acq: 23 Dec 2019 14:01

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1223SBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.3	74.8	112.2

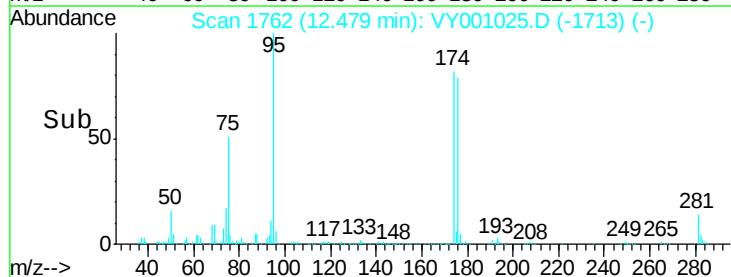
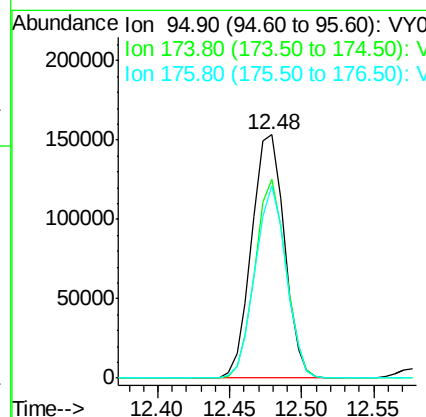
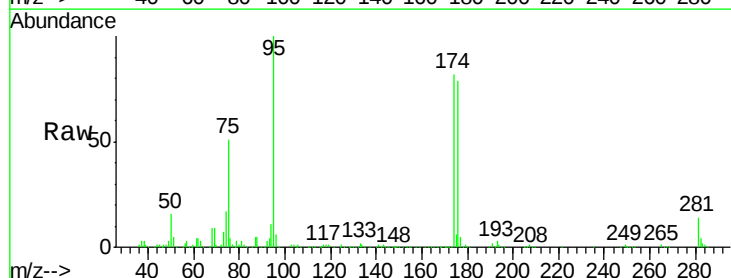
Manual Integrations
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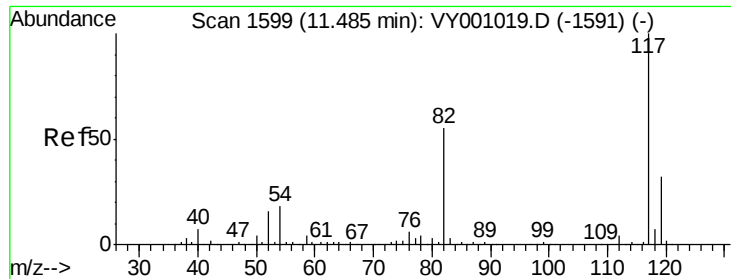
apatel
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#62
 4-Bromofluorobenzene
 Concen: 47.473 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY001025.D
 Acq: 23 Dec 2019 14:01

Tgt Ion	Ratio	Lower	Upper
95	100		
174	77.4	0.0	156.4
176	74.9	0.0	155.0





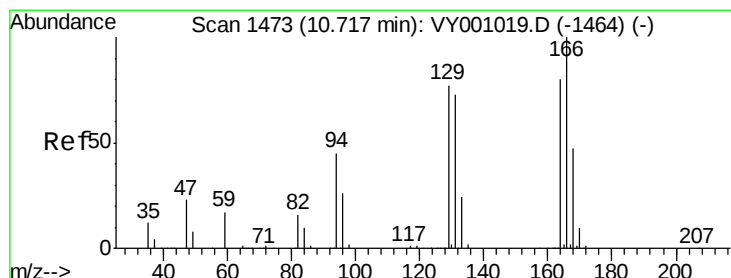
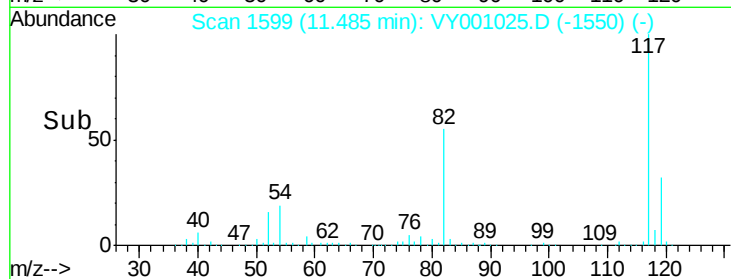
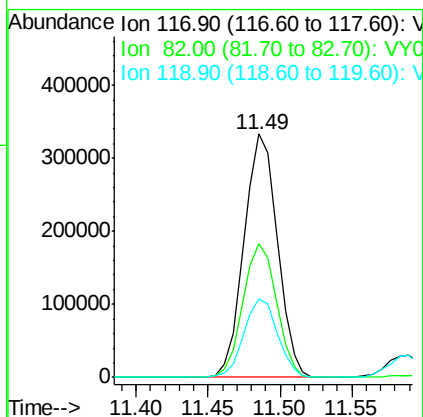
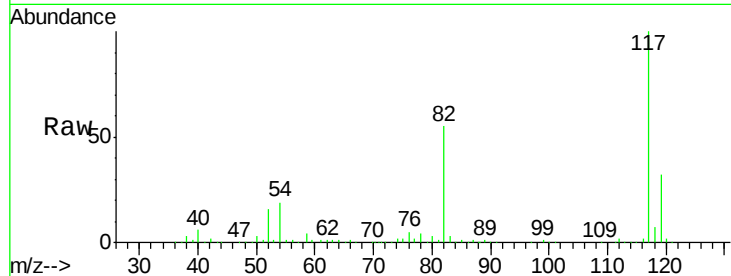
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VY001025.D
Acq: 23 Dec 2019 14:01

Instrument :
MSVOA_Y
ClientSampleId :
VY1223SBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.0	43.8	65.8
119	32.0	25.8	38.6

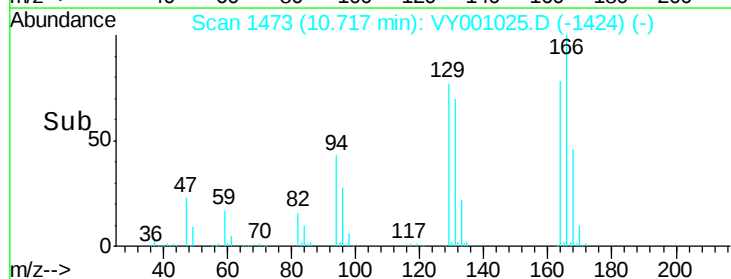
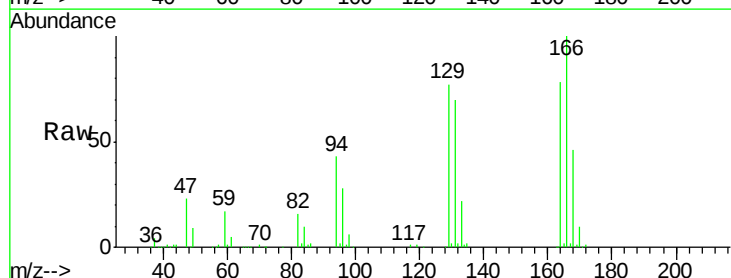
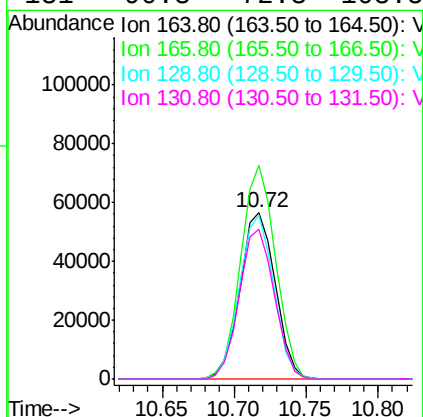
Manual Integrations
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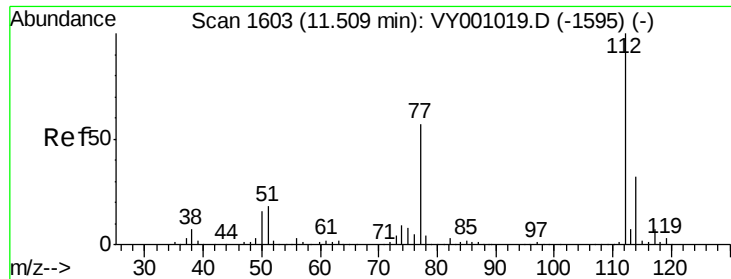
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#64
Tetrachloroethene
Concen: 20.711 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY001025.D
Acq: 23 Dec 2019 14:01

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.6	99.7	149.5
129	98.5	76.9	115.3
131	90.3	72.3	108.5





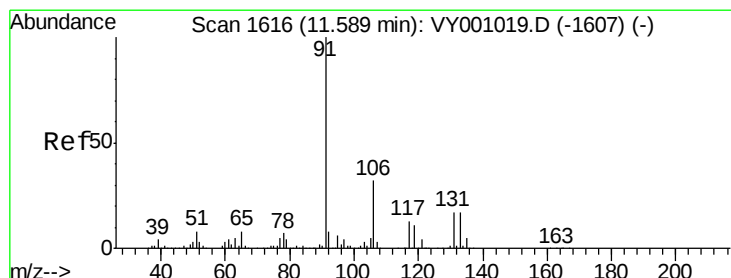
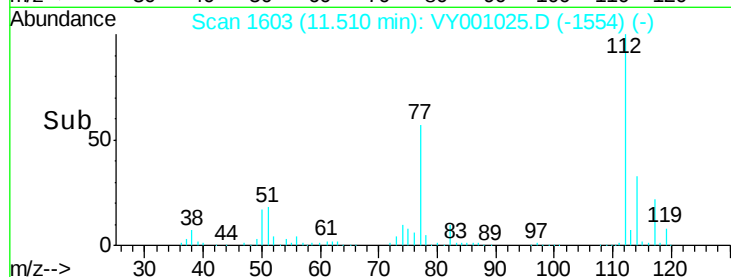
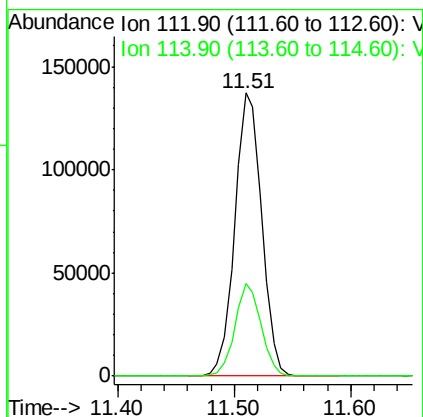
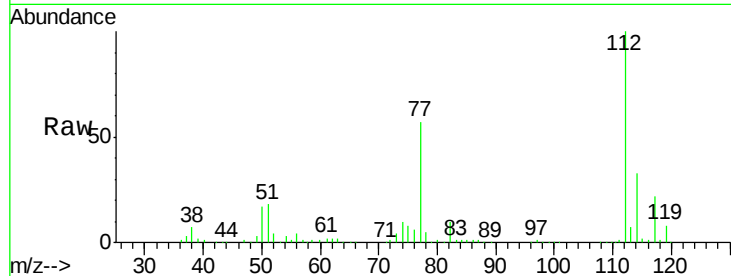
#65
Chlorobenzene
Concen: 19.904 ug/l
RT: 11.51 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VY001025.D
Acq: 23 Dec 2019 14:01

Instrument :
MSVOA_Y
ClientSampleId :
VY1223SBS01

Tot Ion:112 Resp: 220533
Ion Ratio Lower Upper
112 100
114 32.7 25.4 38.2

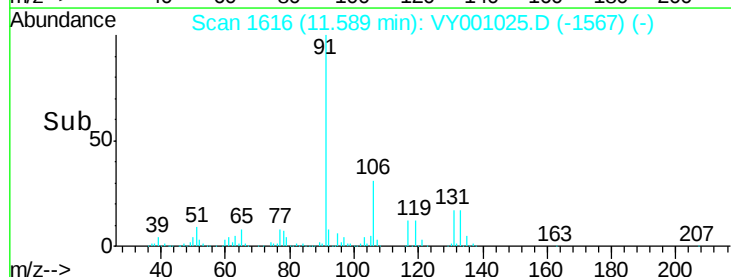
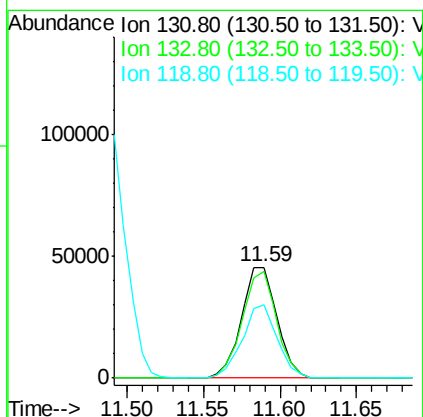
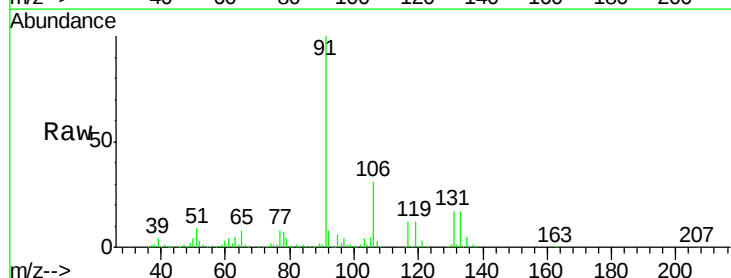
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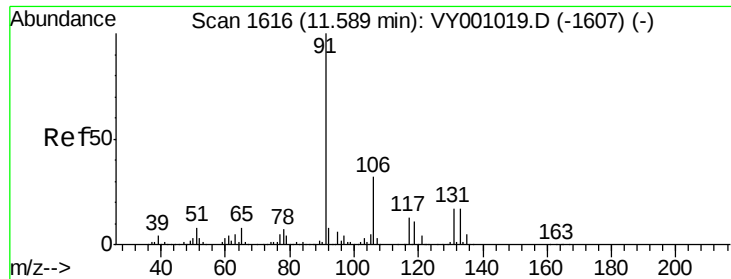
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.107 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY001025.D
Acq: 23 Dec 2019 14:01

Tgt Ion:131 Resp: 73520
Ion Ratio Lower Upper
131 100
133 93.4 48.1 144.4
119 65.5 34.0 101.8





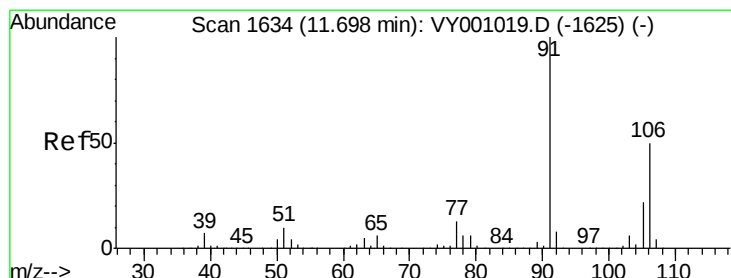
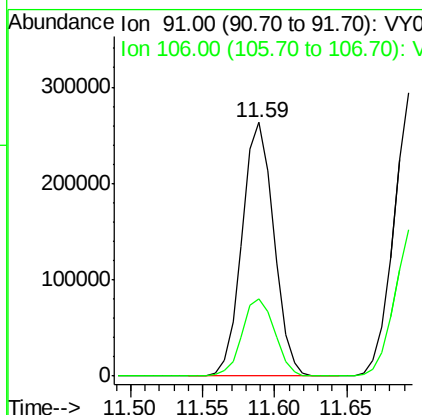
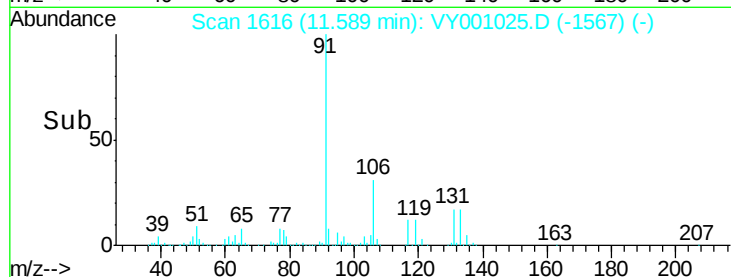
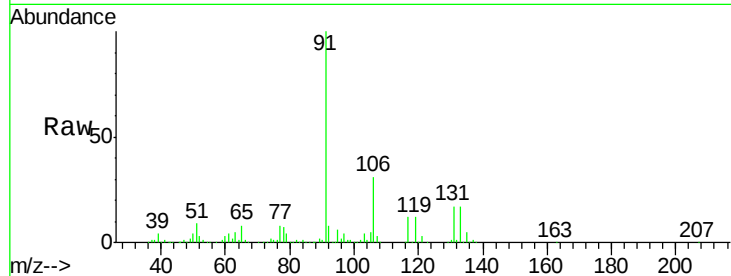
#67
Ethyl Benzene
Concen: 20.218 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY001025.D
Acq: 23 Dec 2019 14:01

Instrument :
MSVOA_Y
ClientSampleId :
VY1223SBS01

Tot Ion: 91 Resp: 402923
Ion Ratio Lower Upper
91 100
106 30.6 25.3 37.9

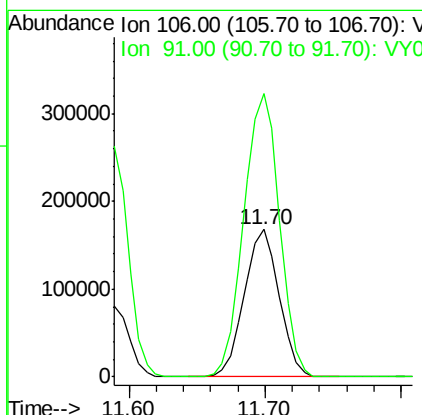
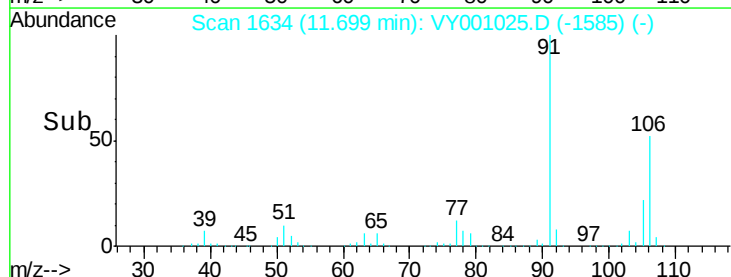
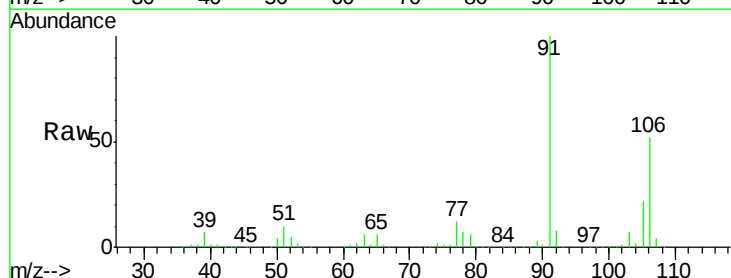
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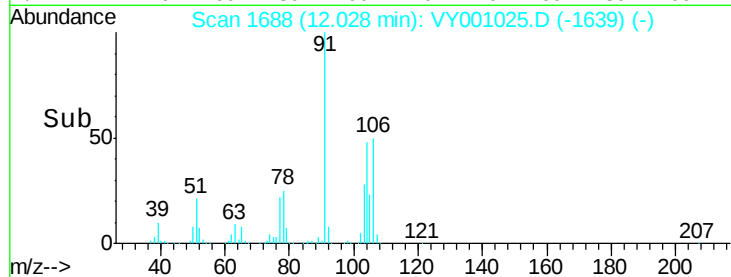
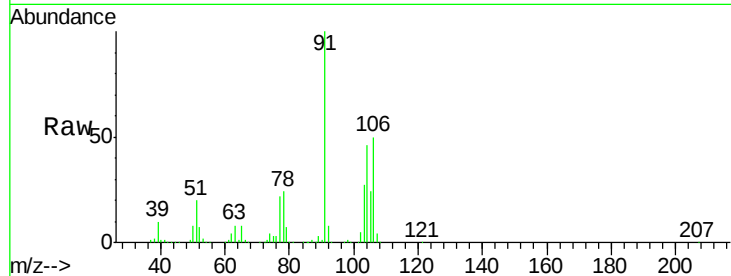
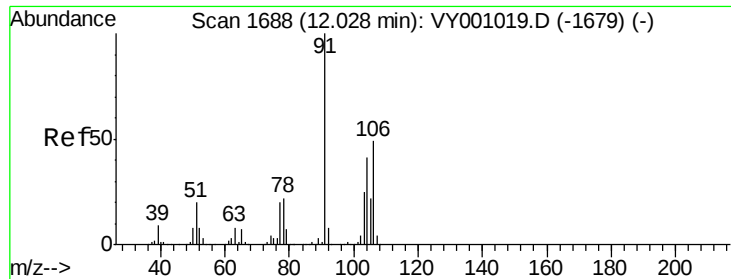
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#68
m/p-Xylenes
Concen: 39.816 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VY001025.D
Acq: 23 Dec 2019 14:01

Tgt Ion: 106 Resp: 301293
Ion Ratio Lower Upper
106 100
91 196.9 156.4 234.6





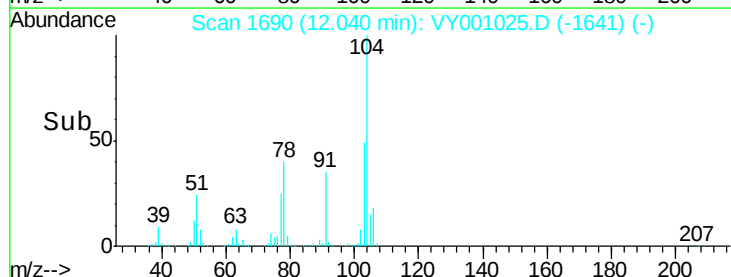
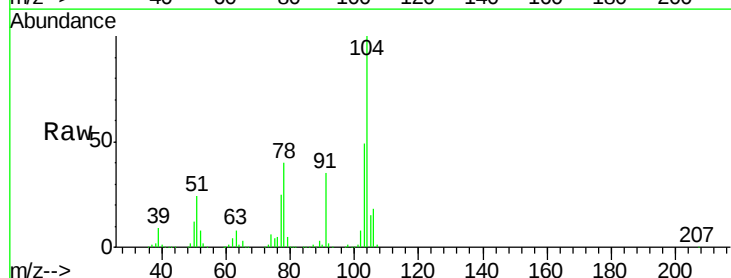
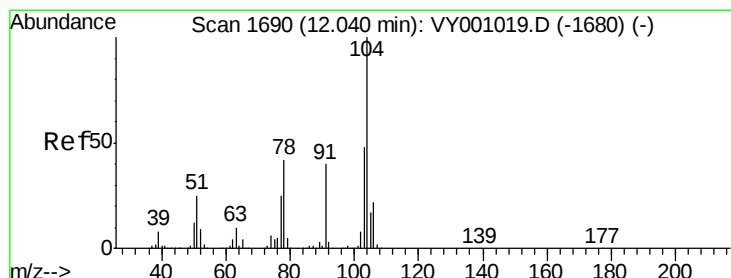
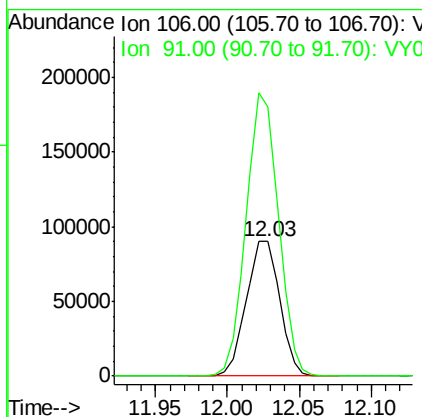
#69
o-Xylene
Concen: 20.309 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY001025.D
Acq: 23 Dec 2019 14:01

Tot Ion:106 Resp: 144578
Ion Ratio Lower Upper
106 100
91 203.6 103.0 309.0

Instrument :
MSVOA_Y
ClientSampleId :
VY1223SBS01

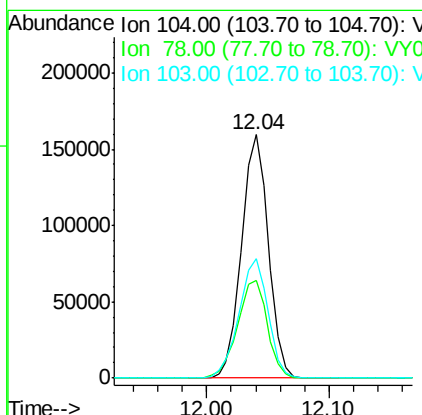
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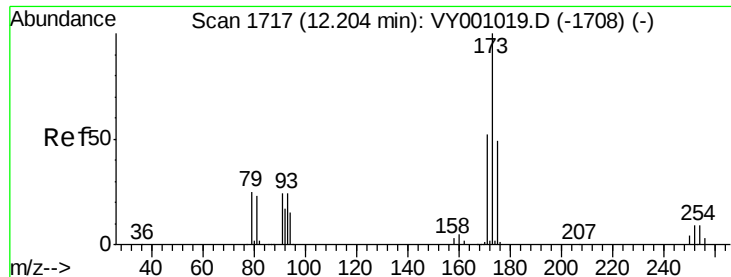
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#70
Styrene
Concen: 20.062 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY001025.D
Acq: 23 Dec 2019 14:01

Tgt Ion:104 Resp: 242839
Ion Ratio Lower Upper
104 100
78 44.5 36.6 54.8
103 53.3 42.6 64.0





#71

Bromoform

Concen: 19.630 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VY001025.D

Acq: 23 Dec 2019 14:01

Instrument :

MSVOA_Y

ClientSampleId :

VY1223SBS01

Tot Ion:173 Resp: 39965

Ion Ratio Lower Upper

173 100

175 50.4 24.5 73.5

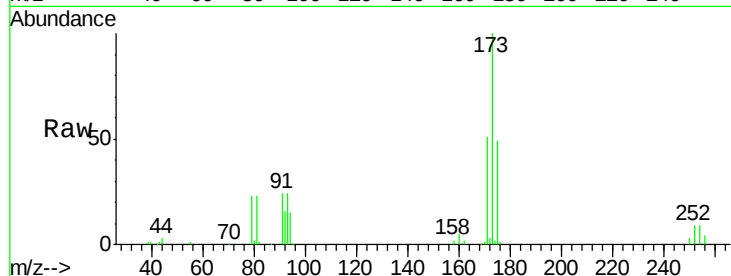
254 0.0 0.0 0.0

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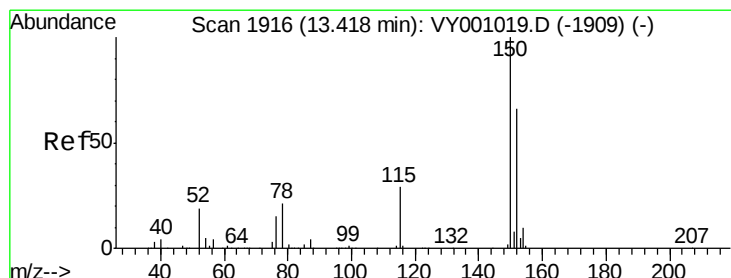
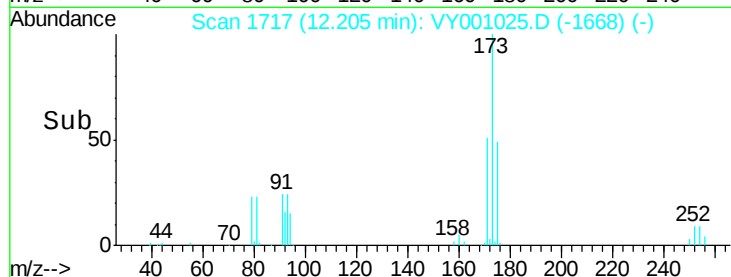
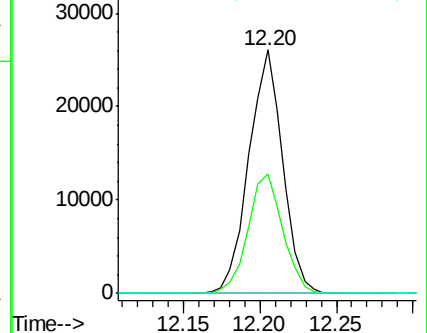
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Abundance Ion 172.70 (172.40 to 173.40): V

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# 1916

Delta R.T. 0.00 min

Lab File: VY001025.D

Acq: 23 Dec 2019 14:01

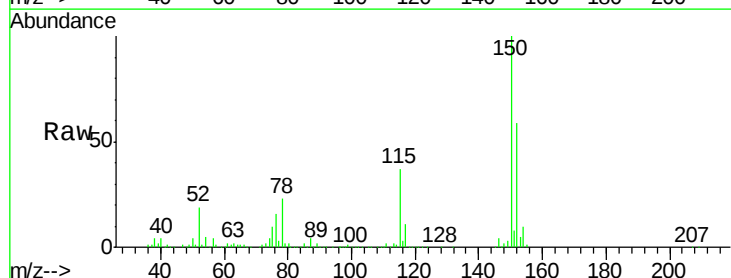
Tgt Ion:152 Resp: 246615

Ion Ratio Lower Upper

152 100

115 60.3 29.8 89.3

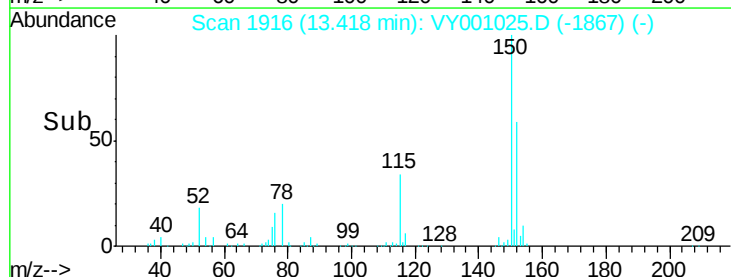
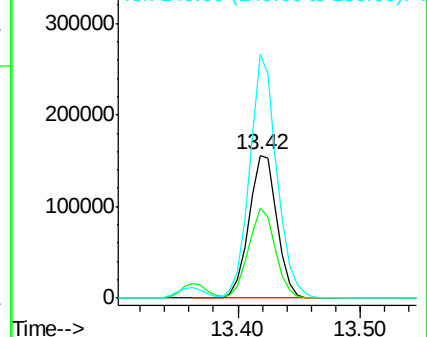
150 166.3 0.0 352.6

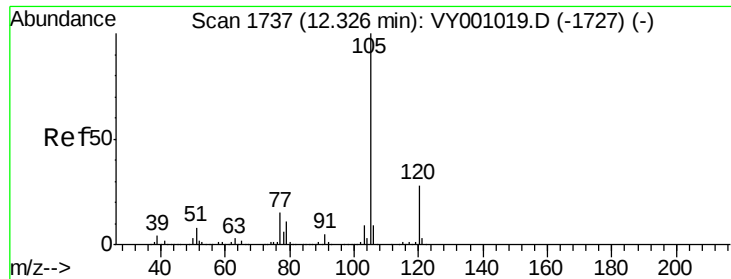


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.735 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY001025.D

Acq: 23 Dec 2019 14:01

Instrument :

MSVOA_Y

ClientSampleId :

VY1223SBS01

Tot Ion: 105 Resp: 376630

Ion Ratio Lower Upper

105 100

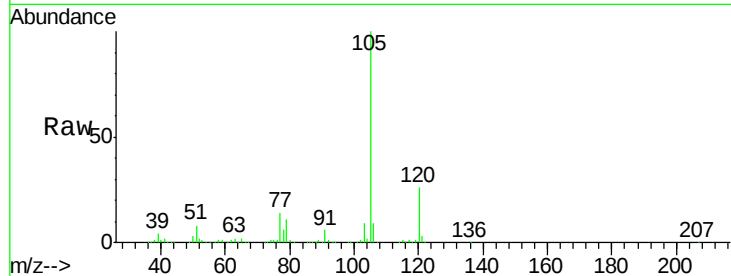
120 26.9 13.4 40.2

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

300000

250000

200000

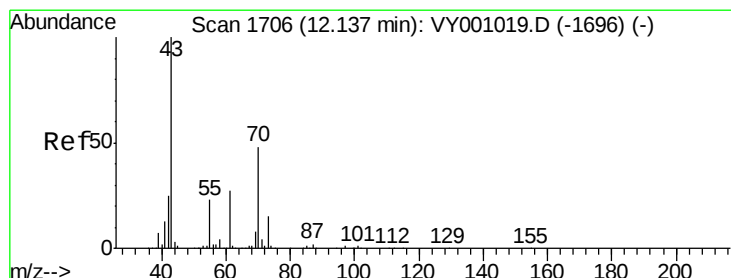
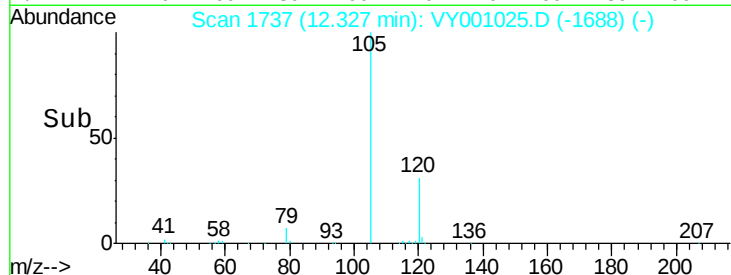
150000

100000

50000

0

Time-->



#74

N-ethyl acetate

Concen: 19.238 ug/l

RT: 12.14 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VY001025.D

Acq: 23 Dec 2019 14:01

Tgt Ion: 43 Resp: 96451

Ion Ratio Lower Upper

43 100

70 48.2 39.0 58.6

55 25.3 19.5 29.3

61 28.5 22.0 33.0

Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0

100000

80000

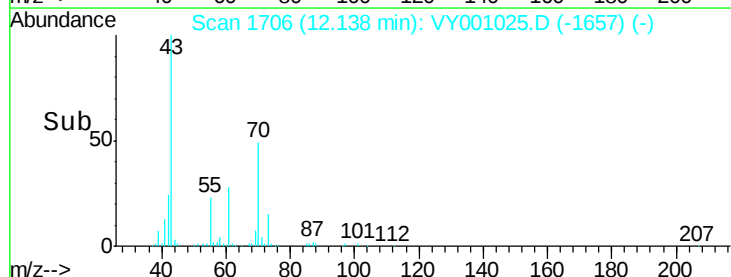
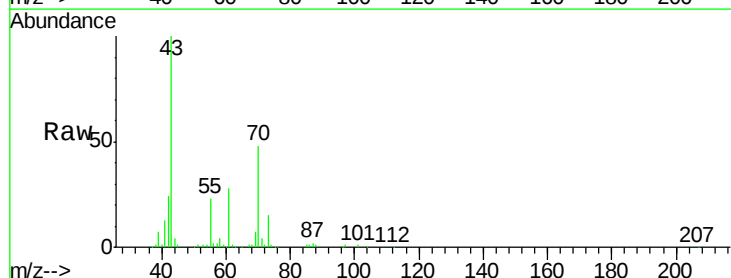
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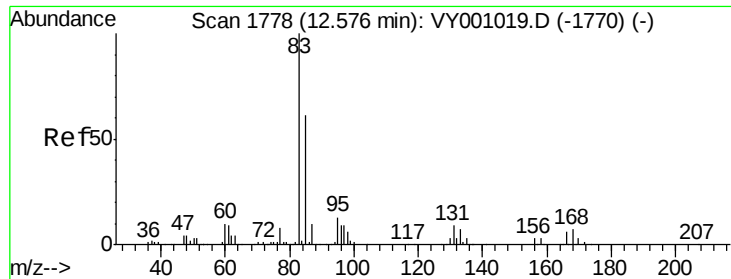
40000

20000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 18.842 ug/l

RT: 12.58 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VY001025.D

Acq: 23 Dec 2019 14:01

Instrument :

MSVOA_Y

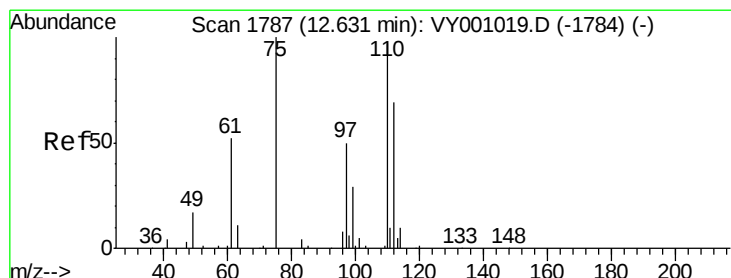
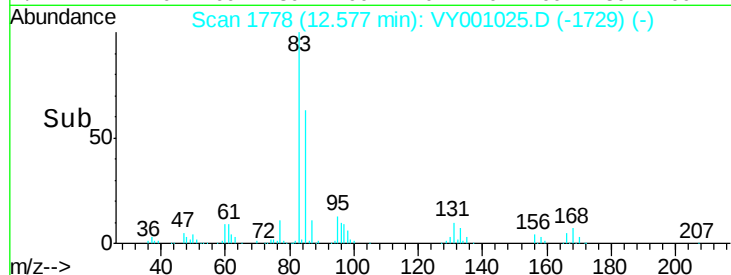
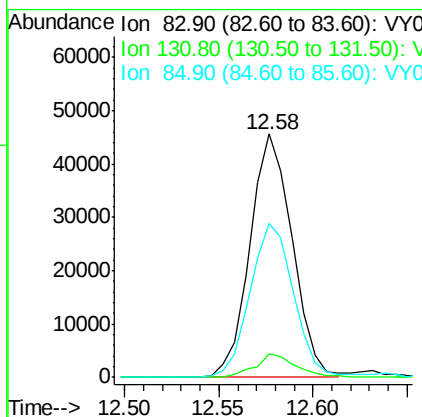
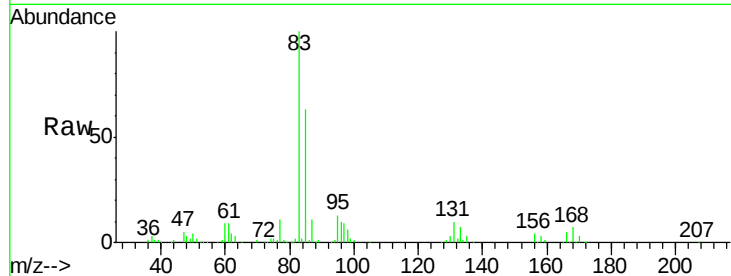
ClientSampleId :

VY1223SBS01

Tot Ion:	83	Resp:	70838
Ion Ratio	Lower	Upper	
83	100		
131	9.3	5.1	15.3
85	65.3	32.1	96.5

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#76

1,2,3-Trichloropropane

Concen: 19.331 ug/l m

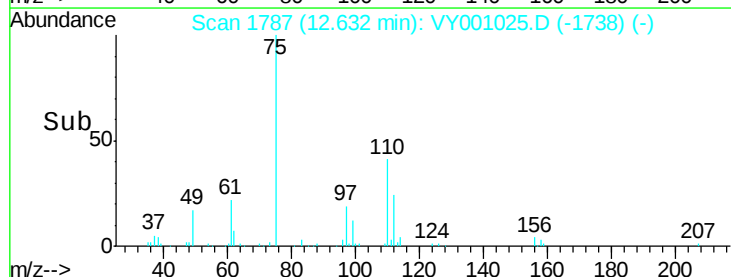
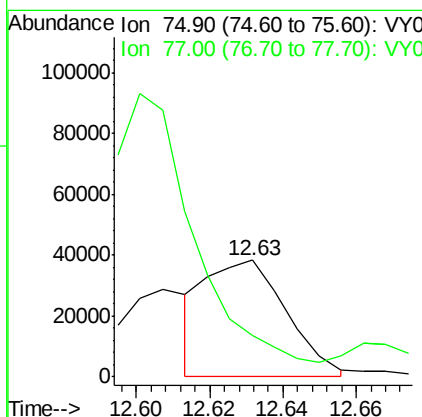
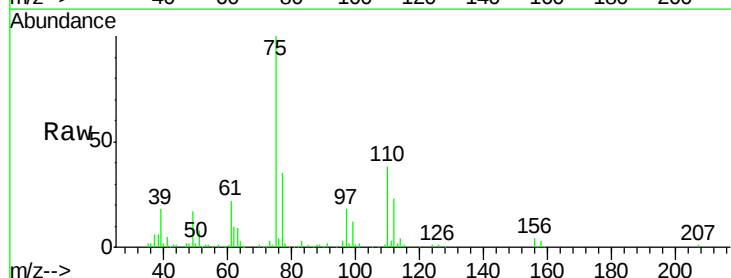
RT: 12.63 min Scan# 1787

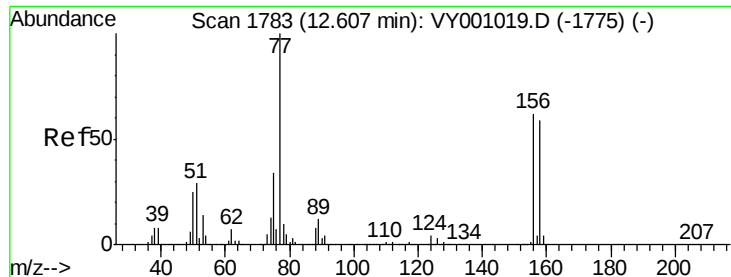
Delta R.T. 0.00 min

Lab File: VY001025.D

Acq: 23 Dec 2019 14:01

Tgt Ion:	75	Resp:	58772
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 19.351 ug/l

RT: 12.60 min Scan# 1782

Delta R.T. -0.01 min

Lab File: VY001025.D

Acq: 23 Dec 2019 14:01

Instrument :

MSVOA_Y

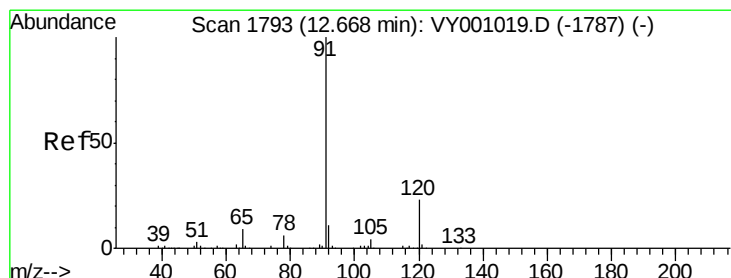
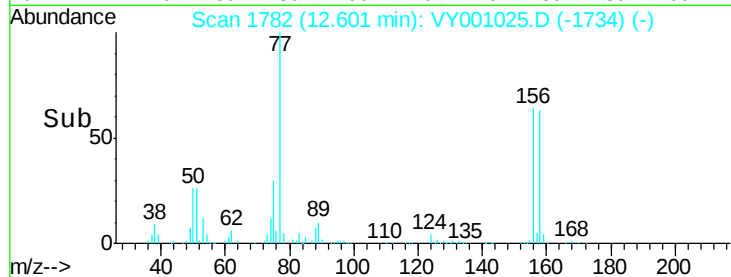
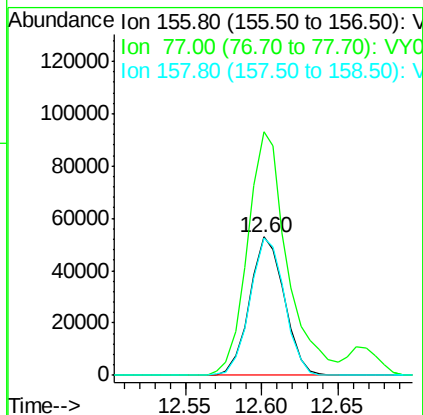
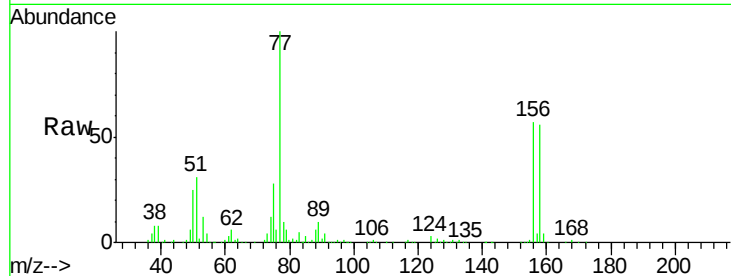
ClientSampleId :

VY1223SBS01

Tot Ion:	156	Resp:	83055
Ion Ratio	Lower	Upper	
156	100		
77	202.0	98.0	294.1
158	98.8	48.5	145.6

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#78

n-propylbenzene

Concen: 20.008 ug/l

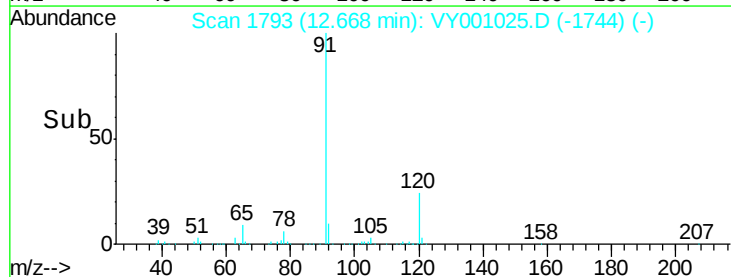
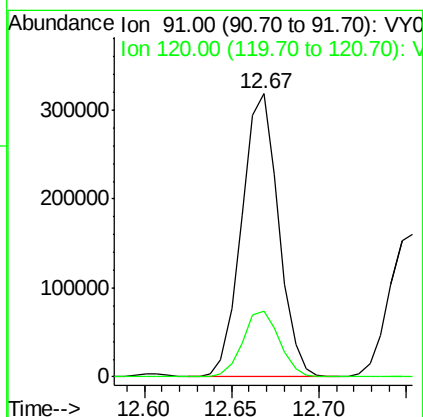
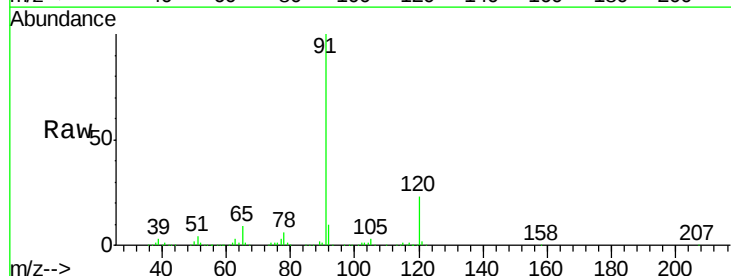
RT: 12.67 min Scan# 1793

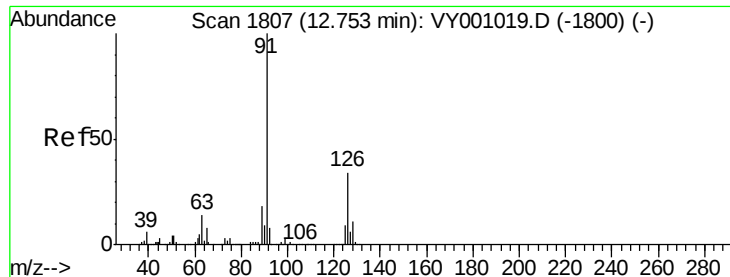
Delta R.T. 0.00 min

Lab File: VY001025.D

Acq: 23 Dec 2019 14:01

Tgt Ion:	91	Resp:	465264
Ion Ratio	Lower	Upper	
91	100		
120	23.2	11.4	34.2





#79

2-Chlorotoluene

Concen: 19.554 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VY001025.D

Acq: 23 Dec 2019 14:01

Instrument :

MSVOA_Y

ClientSampleId :

VY1223SBS01

Tot Ion: 91 Resp: 251109

Ion Ratio Lower Upper

91 100

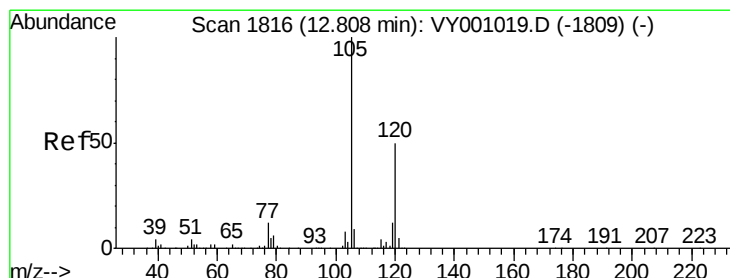
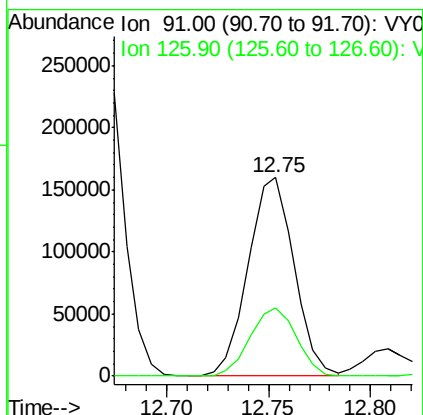
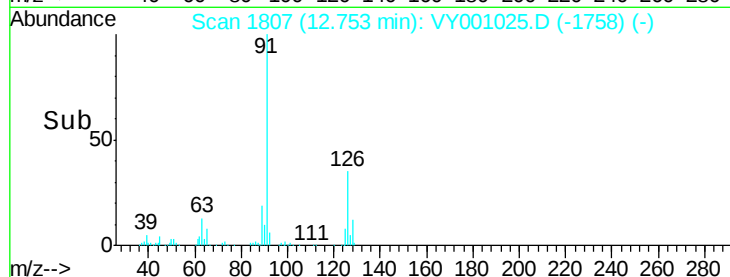
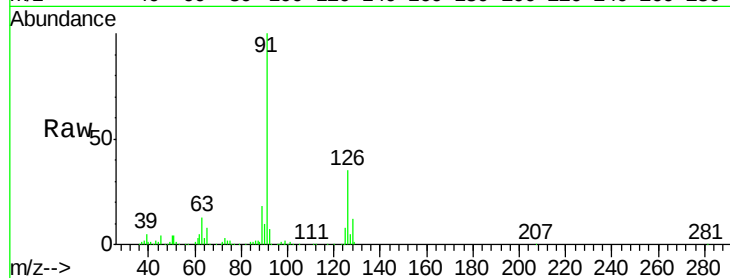
126 34.7 17.3 51.7

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#80

1,3,5-Trimethylbenzene

Concen: 19.993 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. 0.00 min

Lab File: VY001025.D

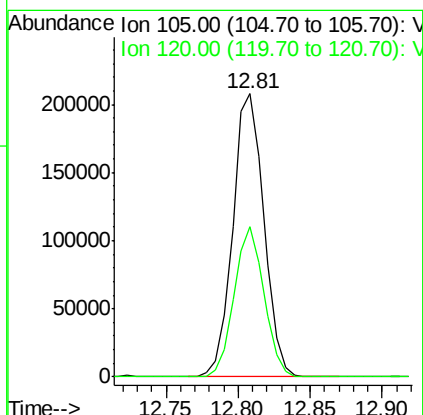
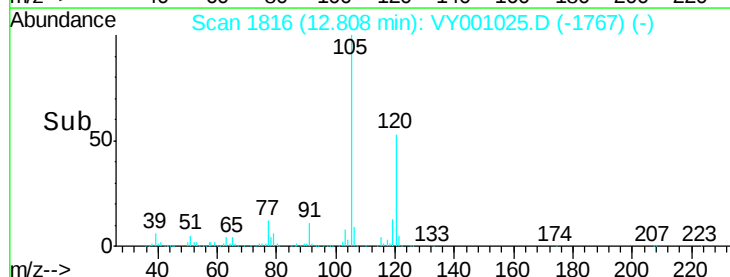
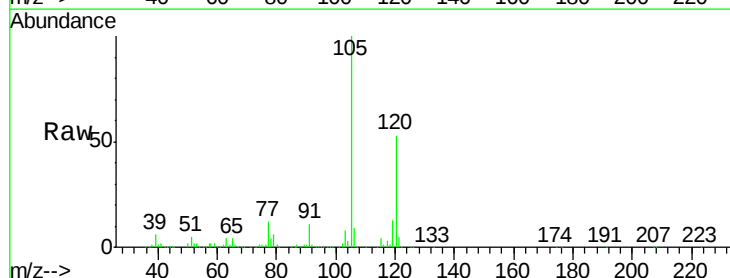
Acq: 23 Dec 2019 14:01

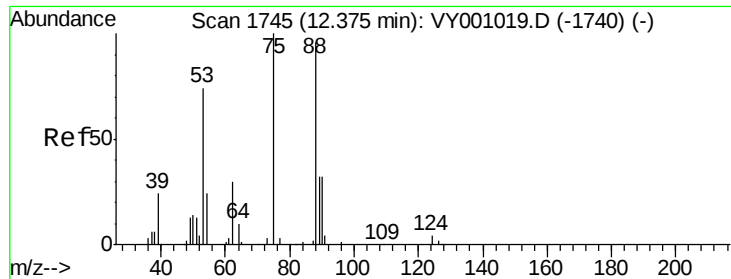
Tgt Ion: 105 Resp: 312752

Ion Ratio Lower Upper

105 100

120 51.0 25.1 75.4





#81

trans-1,4-Dichloro-2-butene

Concen: 18.469 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VY001025.D

Acq: 23 Dec 2019 14:01

Instrument :

MSVOA_Y

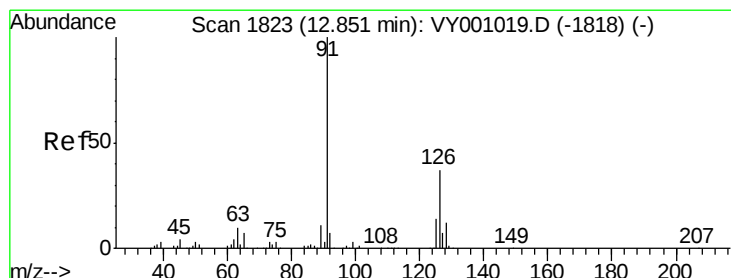
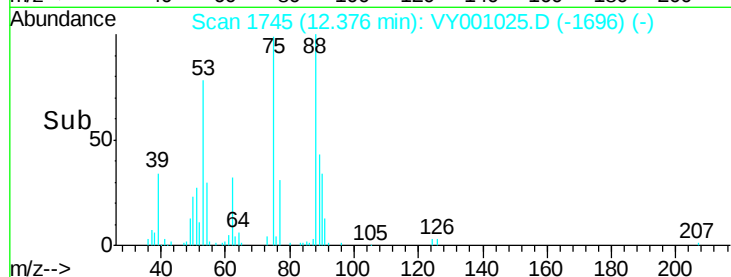
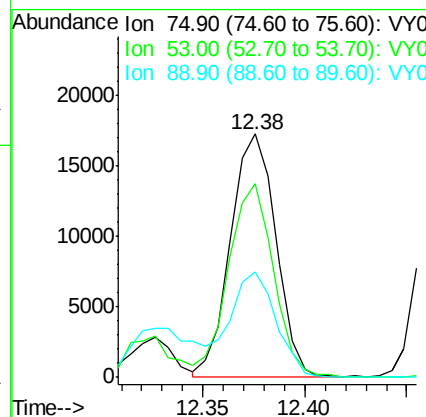
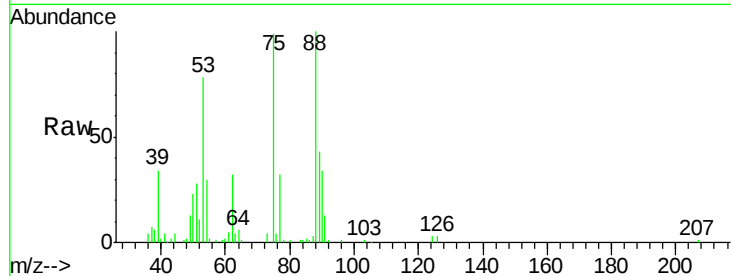
ClientSampleId :

VY1223SBS01

Tot Ion:	75	Resp:	26327
Ion Ratio	Lower	Upper	
75	100		
53	79.5	60.6	91.0
89	44.6	35.4	53.0

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#82

4-Chlorotoluene

Concen: 19.660 ug/l

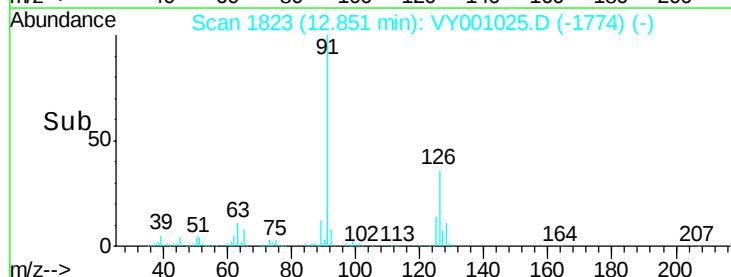
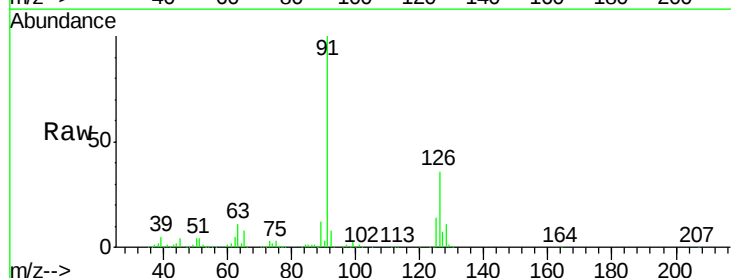
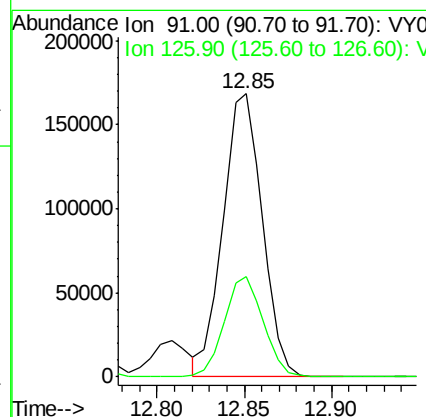
RT: 12.85 min Scan# 1823

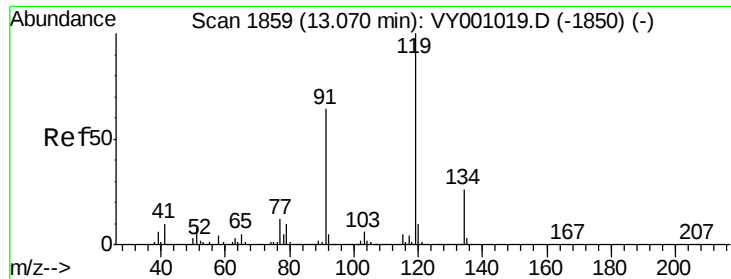
Delta R.T. 0.00 min

Lab File: VY001025.D

Acq: 23 Dec 2019 14:01

Tgt Ion:	91	Resp:	262236
Ion Ratio	Lower	Upper	
91	100		
126	35.1	17.6	52.8





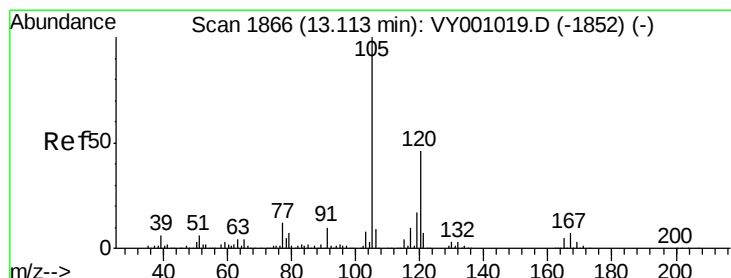
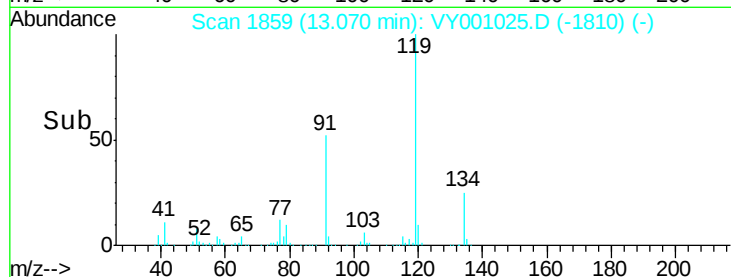
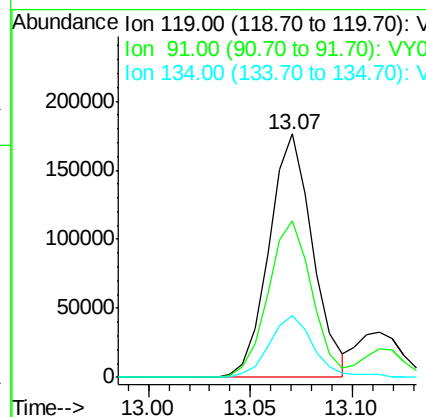
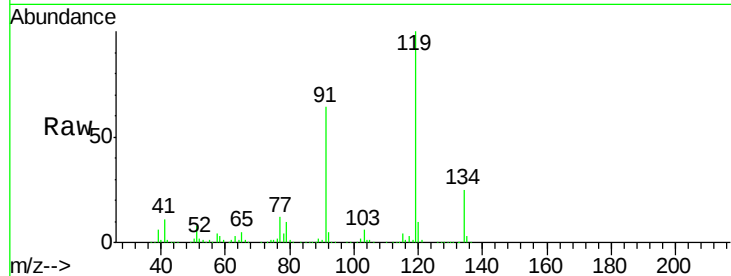
#83
tert-Butylbenzene
Concen: 20.033 ug/l
RT: 13.07 min Scan# 1859
Delta R.T. 0.00 min
Lab File: VY001025.D
Acq: 23 Dec 2019 14:01

Instrument :
MSVOA_Y
ClientSampleId :
VY1223SBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	263061		
91	64.5	31.9	95.7	
134	25.9	13.6	40.7	

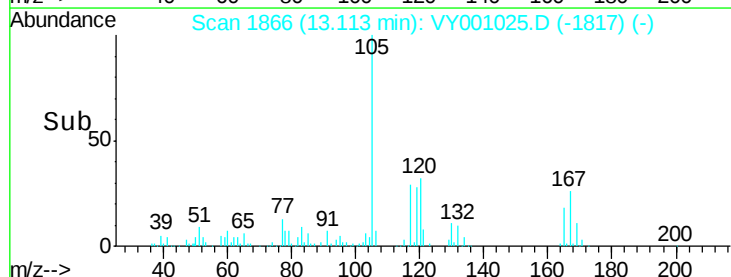
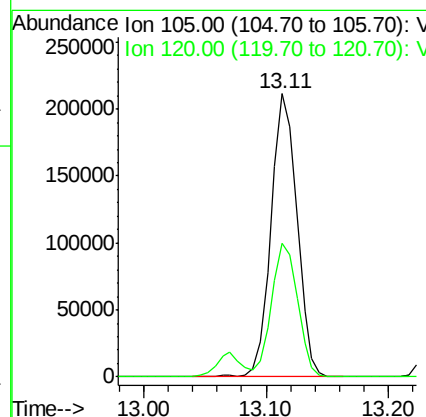
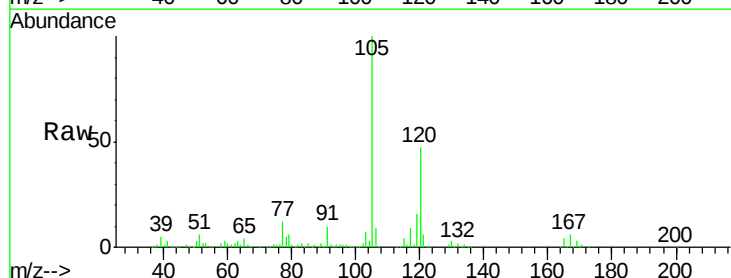
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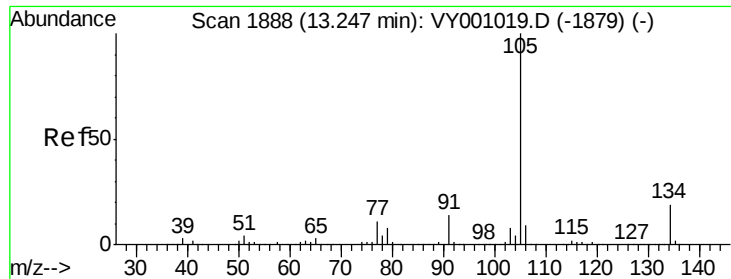
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#84
1,2,4-Trimethylbenzene
Concen: 19.939 ug/l
RT: 13.11 min Scan# 1866
Delta R.T. 0.00 min
Lab File: VY001025.D
Acq: 23 Dec 2019 14:01

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	313428		
120	47.2	23.4	70.2	





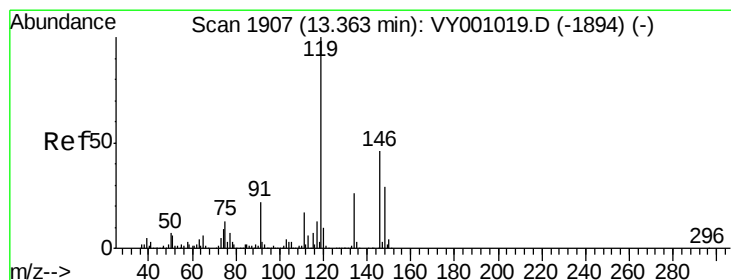
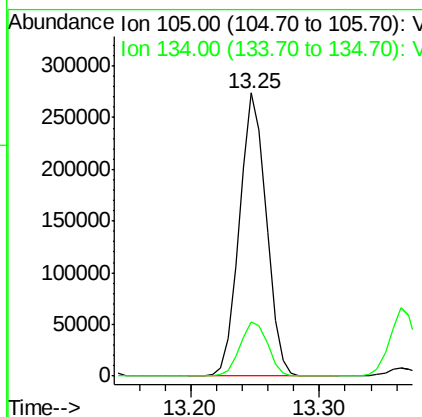
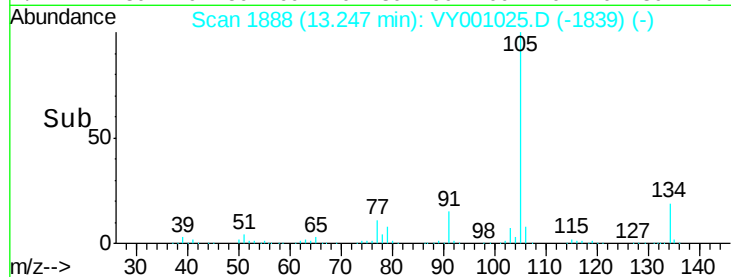
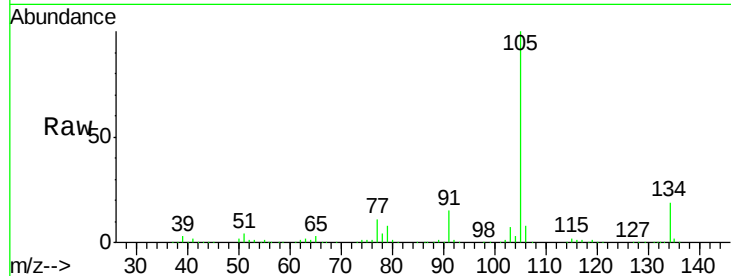
#85
 sec-Butylbenzene
 Concen: 20.360 ug/l
 RT: 13.25 min Scan# 1888
 Delta R.T. 0.00 min
 Lab File: VY001025.D
 Acq: 23 Dec 2019 14:01

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1223SBS01

Tot Ion:105 Resp: 394152
 Ion Ratio Lower Upper
 105 100
 134 19.8 10.0 30.0

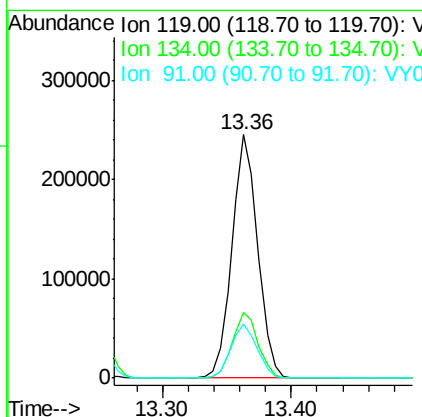
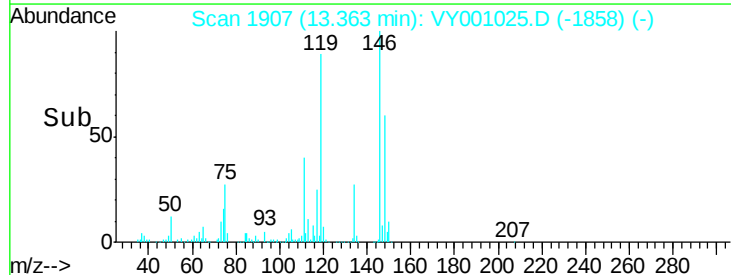
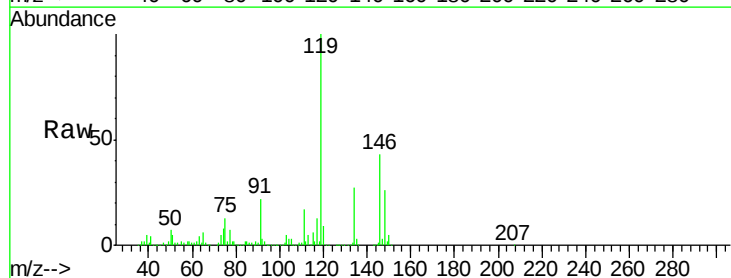
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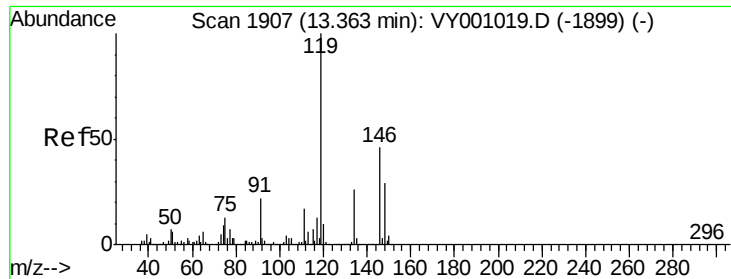
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#86
 p-Isopropyltoluene
 Concen: 20.317 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VY001025.D
 Acq: 23 Dec 2019 14:01

Tgt Ion:119 Resp: 340328
 Ion Ratio Lower Upper
 119 100
 134 27.2 13.6 40.7
 91 22.8 11.4 34.1





#87

1,3-Dichlorobenzene

Concen: 19.910 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. 0.00 min

Lab File: VY001025.D

Acq: 23 Dec 2019 14:01

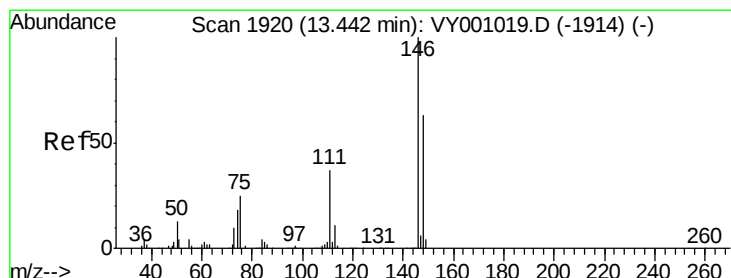
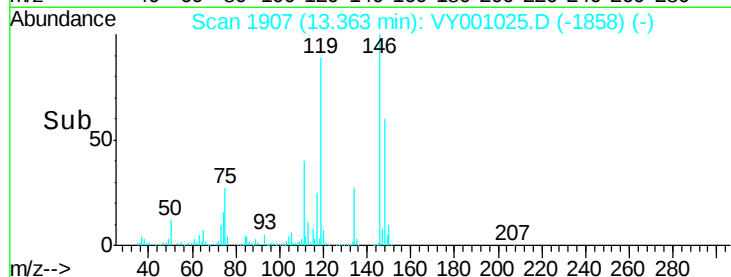
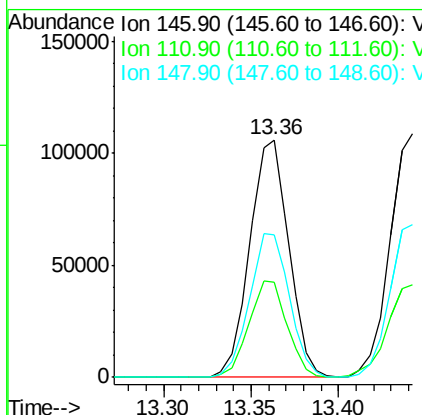
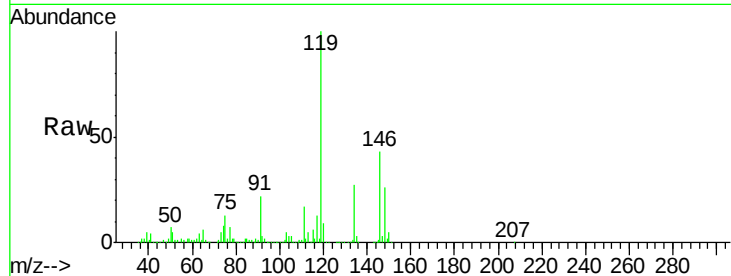
Instrument :
MSVOA_Y

ClientSampleId :
VY1223SBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	164122		
111	39.7	19.7	59.0	
148	61.9	31.9	95.5	

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#88

1,4-Dichlorobenzene

Concen: 20.094 ug/l

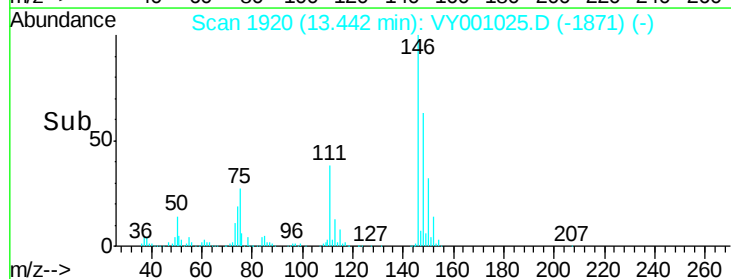
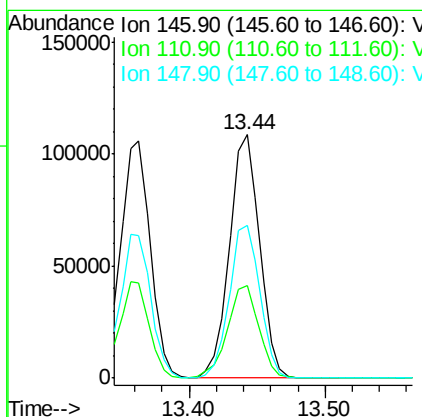
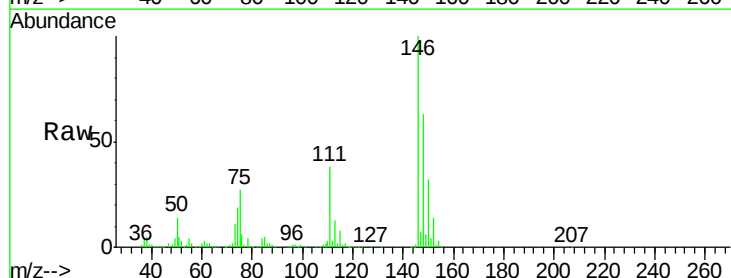
RT: 13.44 min Scan# 1920

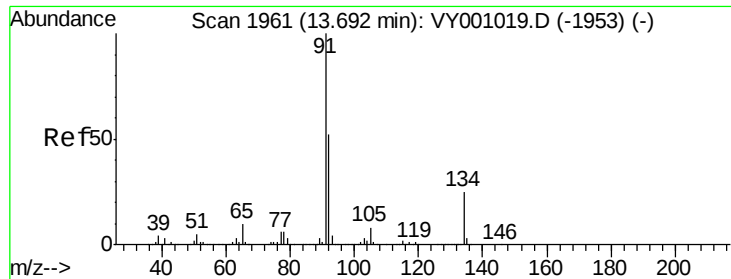
Delta R.T. 0.00 min

Lab File: VY001025.D

Acq: 23 Dec 2019 14:01

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	167094		
111	39.9	19.4	58.2	
148	64.0	31.8	95.3	





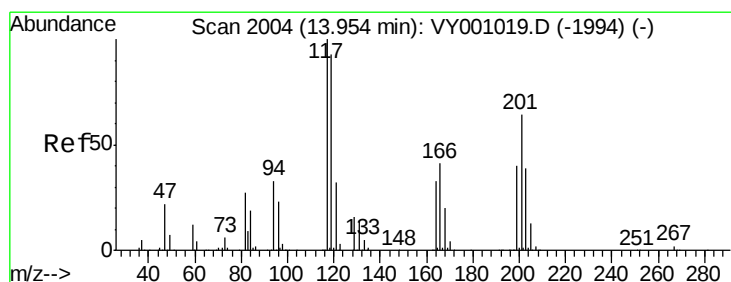
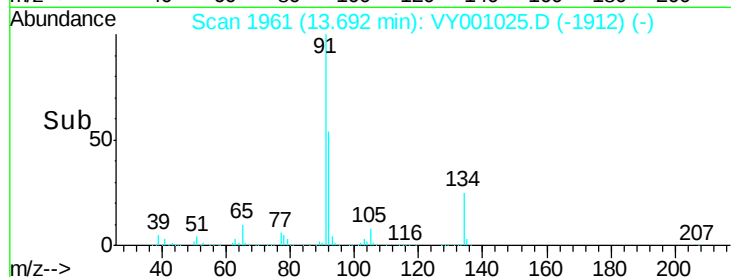
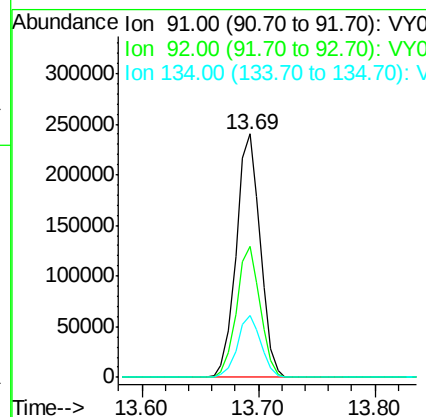
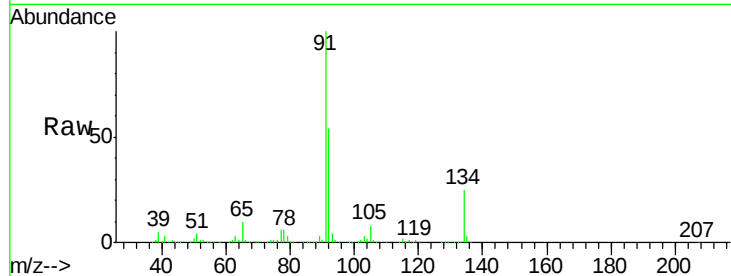
#89
n-Butylbenzene
Concen: 20.421 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. 0.00 min
Lab File: VY001025.D
Acq: 23 Dec 2019 14:01

Instrument :
MSVOA_Y
ClientSampleId :
VY1223SBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	344164		
92	53.2	26.9	80.7	
134	25.1	12.7	38.0	

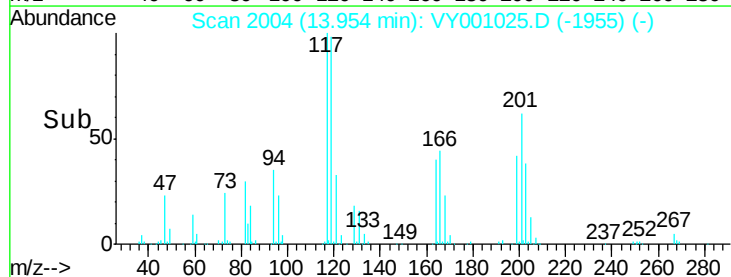
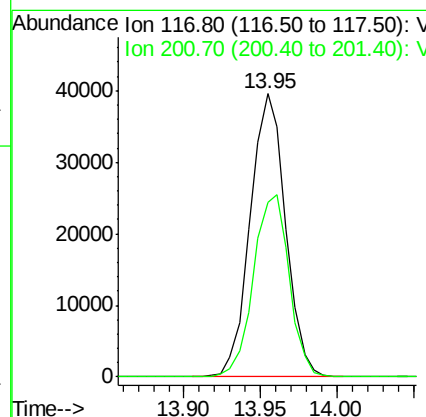
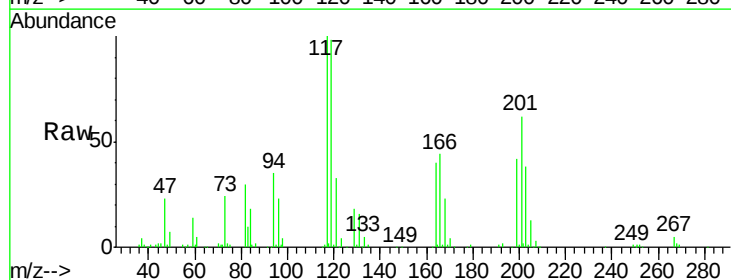
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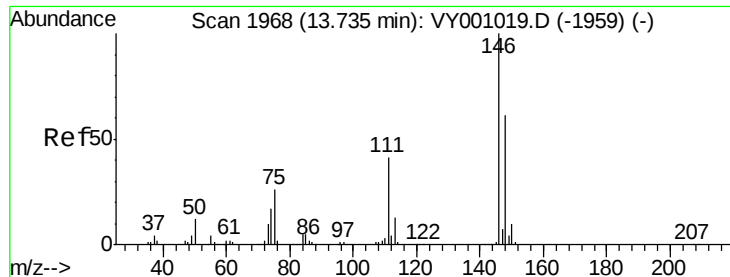
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#90
Hexachloroethane
Concen: 20.125 ug/l
RT: 13.95 min Scan# 2004
Delta R.T. 0.00 min
Lab File: VY001025.D
Acq: 23 Dec 2019 14:01

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	63512		
201	65.1	33.7	101.1	





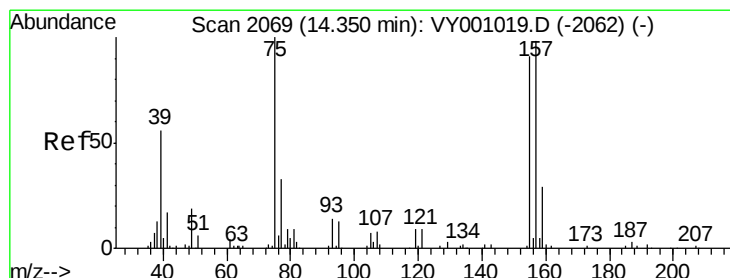
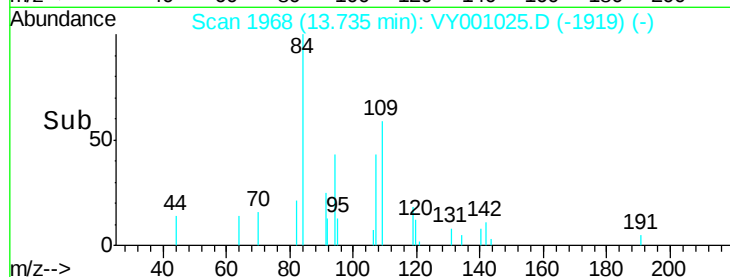
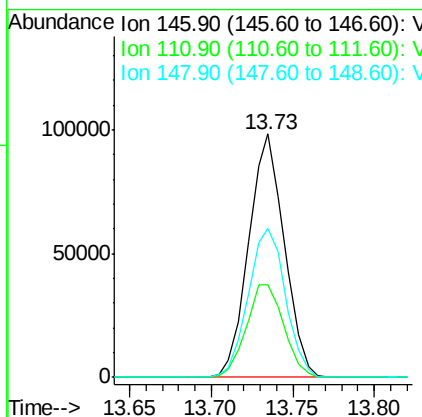
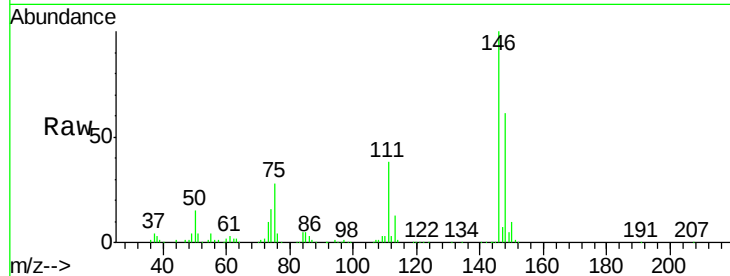
#91
 1,2-Dichlorobenzene
 Concen: 19.624 ug/l
 RT: 13.73 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VY001025.D
 Acq: 23 Dec 2019 14:01

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1223SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.2	20.6	61.9
148	63.7	31.6	94.7

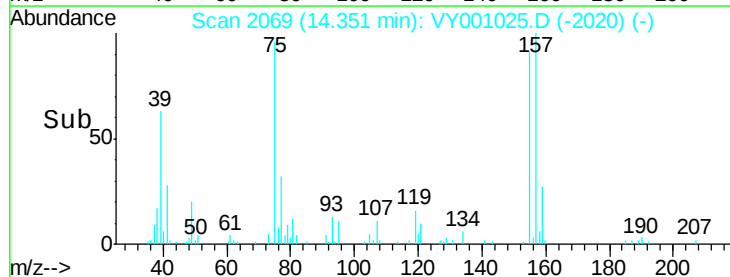
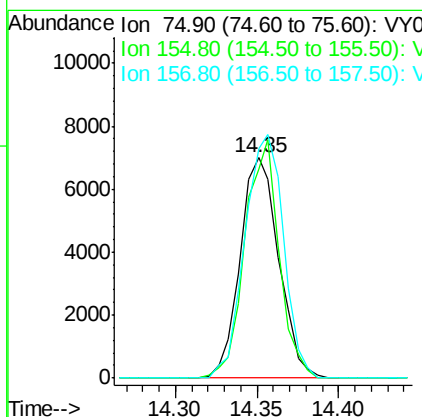
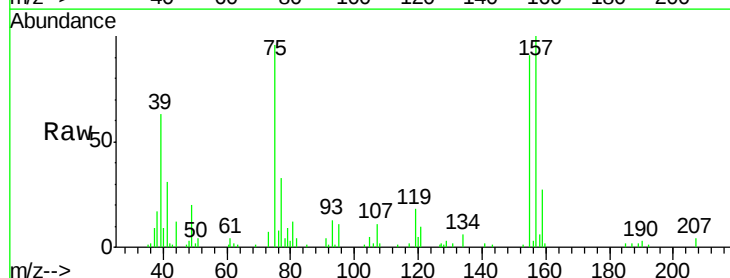
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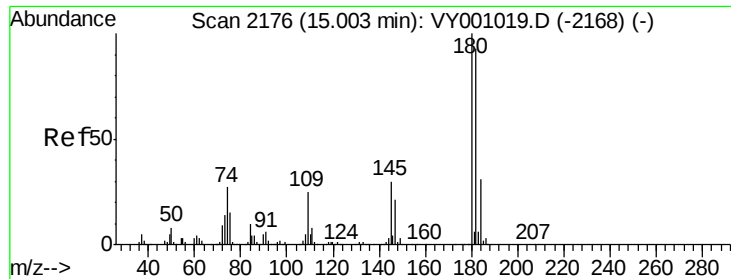
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.408 ug/l
 RT: 14.35 min Scan# 2069
 Delta R.T. 0.00 min
 Lab File: VY001025.D
 Acq: 23 Dec 2019 14:01

Tgt Ion	Ratio	Lower	Upper
75	100		
155	95.4	46.3	138.9
157	110.3	58.1	174.4





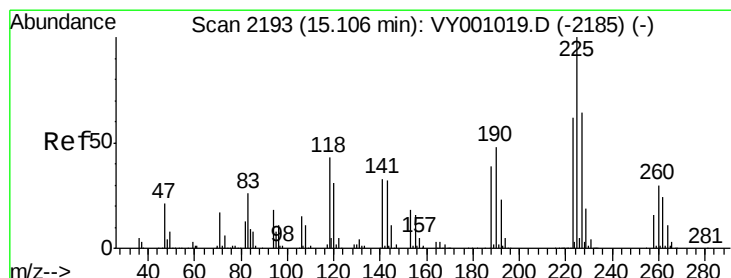
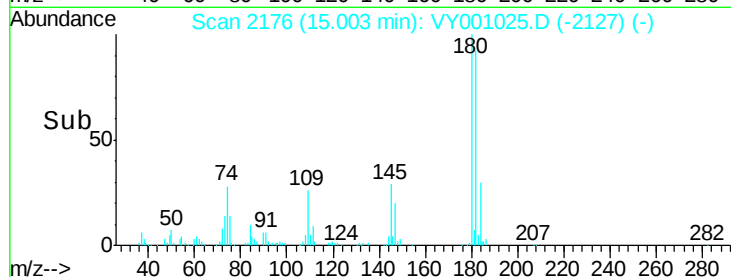
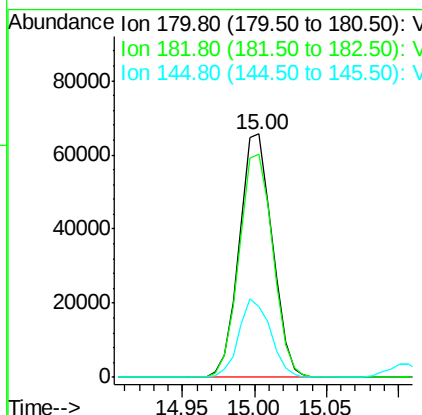
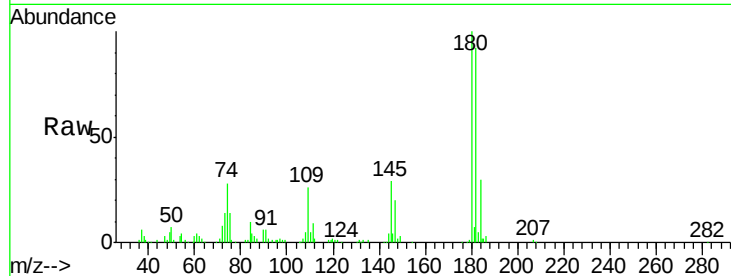
#93
 1,2,4-Trichlorobenzene
 Concen: 20.353 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VY001025.D
 Acq: 23 Dec 2019 14:01

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1223SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	104465		
182	93.7	46.8	140.3	
145	31.1	15.3	45.9	

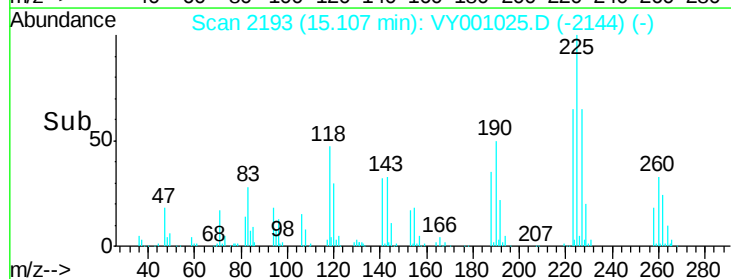
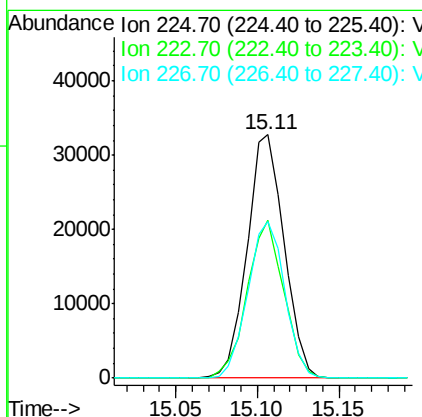
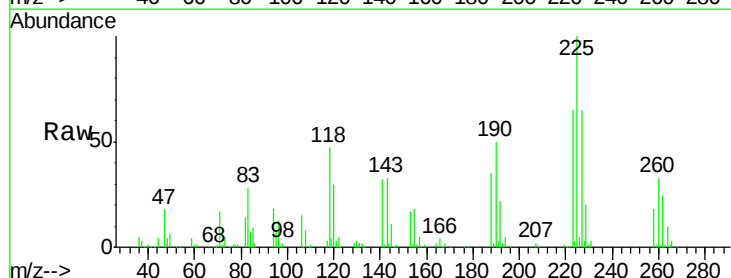
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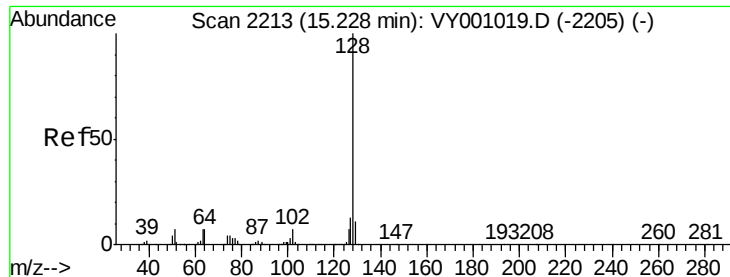
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#94
 Hexachlorobutadiene
 Concen: 21.150 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. 0.00 min
 Lab File: VY001025.D
 Acq: 23 Dec 2019 14:01

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	51657		
223	63.9	31.6	94.8	
227	64.2	31.9	95.5	





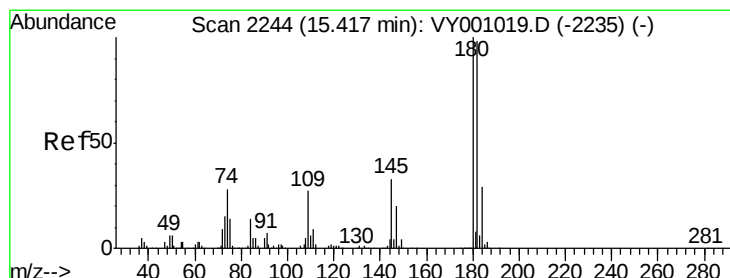
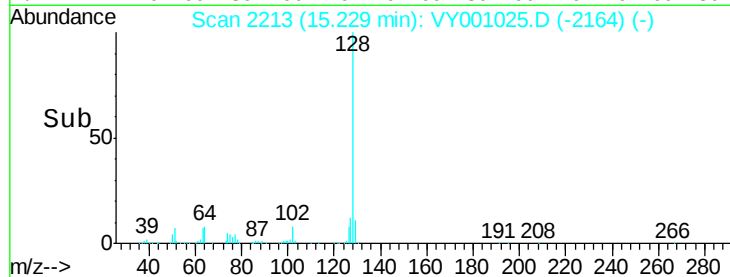
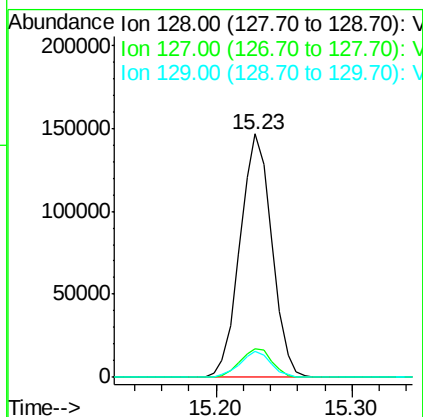
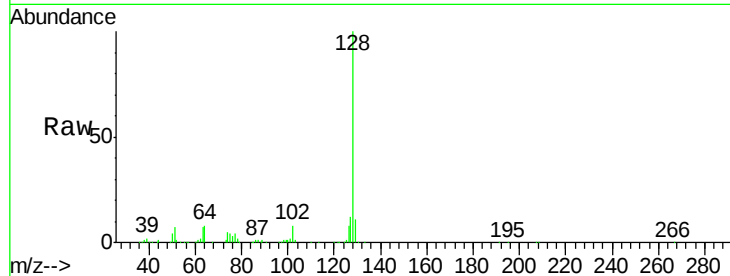
#95
Naphthalene
Concen: 19.867 ug/l
RT: 15.23 min Scan# 2213
Delta R.T. 0.00 min
Lab File: VY001025.D
Acq: 23 Dec 2019 14:01

Instrument :
MSVOA_Y
ClientSampleId :
VY1223SBS01

Tot Ion	Ratio	Resp Lower	Upper
128	100		
127	12.0	9.9	14.9
129	10.5	8.6	13.0

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 20.570 ug/l
RT: 15.42 min Scan# 2244
Delta R.T. 0.00 min
Lab File: VY001025.D
Acq: 23 Dec 2019 14:01

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	92.4	47.9	143.8
145	33.4	16.3	48.9

