

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY121219\
 Data File : VY000930.D
 Acq On : 12 Dec 2019 13:26
 Operator : SY/MD
 Sample : VY1212SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1212SBS01

Manual Integrations
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 12/13/2019 10:33:46 AM

Quant Time: Dec 13 08:49:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112719S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 27 12:40:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	289460	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	506528	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	452080	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	215623	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	160394	52.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.30%	
35) Dibromofluoromethane	7.72	113	154915	52.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.96%	
50) Toluene-d8	10.17	98	638789	54.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.24%	
62) 4-Bromofluorobenzene	12.47	95	221781	50.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	56503	18.133	ug/l	95
3) Chloromethane	2.11	50	69990	18.222	ug/l	98
4) Vinyl Chloride	2.25	62	71681	18.936	ug/l	99
5) Bromomethane	2.65	94	35252	14.062	ug/l	94
6) Chloroethane	2.79	64	44587	19.211	ug/l #	88
7) Trichlorofluoromethane	3.12	101	101273	19.521	ug/l	99
8) Diethyl Ether	3.53	74	40440	20.711	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.90	101	66031	20.611	ug/l	98
10) Methyl Iodide	4.09	142	81391	20.179	ug/l	97
11) Tert butyl alcohol	4.98	59	27724	89.593	ug/l	97
12) 1,1-Dichloroethene	3.87	96	64567	20.344	ug/l	97
13) Acrolein	3.74	56	29569	97.004	ug/l	97
14) Allyl chloride	4.48	41	110227	20.255	ug/l	99
15) Acrylonitrile	5.18	53	103263	102.418	ug/l	99
16) Acetone	3.96	43	71247	100.977	ug/l	90
17) Carbon Disulfide	4.19	76	203097	19.786	ug/l	100
18) Methyl Acetate	4.49	43	56203	19.050	ug/l	99
19) Methyl tert-butyl Ether	5.22	73	177205	20.907	ug/l	99
20) Methylene Chloride	4.72	84	91621	24.634	ug/l	98
21) trans-1,2-Dichloroethene	5.22	96	71007	19.684	ug/l	96
22) Diisopropyl ether	6.13	45	234254	20.944	ug/l	97
23) Vinyl Acetate	6.07	43	714825	105.126	ug/l	100
24) 1,1-Dichloroethane	6.02	63	126025	20.443	ug/l	99
25) 2-Butanone	7.00	43	128100	98.283	ug/l	95
26) 2,2-Dichloropropane	6.99	77	105526	20.339	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	79365	20.353	ug/l	98
28) Bromochloromethane	7.34	49	28682	14.194	ug/l	95
29) Tetrahydrofuran	7.35	42	90125	104.349	ug/l	97
30) Chloroform	7.51	83	120503	19.486	ug/l	100
31) Cyclohexane	7.78	56	129966	19.901	ug/l	97
32) 1,1,1-Trichloroethane	7.71	97	103706	20.308	ug/l	99
36) 1,1-Dichloropropene	7.93	75	100327	19.920	ug/l	99
37) Ethyl Acetate	7.08	43	59363	20.413	ug/l	99
38) Carbon Tetrachloride	7.90	117	89202	19.888	ug/l	93

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 Quant Title : SW846 8260
 QLast Update : Wed Nov 27 12:40:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	133553	20.015	ug/l	95
40) Benzene	8.16	78	301989	20.585	ug/l	99
41) Methacrylonitrile	7.32	41	28527m	18.612	ug/l	
42) 1,2-Dichloroethane	8.24	62	76019	19.704	ug/l	99
43) Isopropyl Acetate	8.28	43	109850	20.045	ug/l	99
44) Trichloroethene	8.94	130	78541	20.832	ug/l	99
45) 1,2-Dichloropropane	9.22	63	78155	21.209	ug/l	96
46) Dibromomethane	9.31	93	39304	20.414	ug/l	98
47) Bromodichloromethane	9.50	83	91934	20.326	ug/l	99
48) Methyl methacrylate	9.30	41	49576	20.572	ug/l	97
49) 1,4-Dioxane	9.30	88	11448	419.641	ug/l #	76
51) 4-Methyl-2-Pentanone	10.07	43	296191	104.605	ug/l	98
52) Toluene	10.24	92	188589	20.763	ug/l	99
53) t-1,3-Dichloropropene	10.46	75	99120	20.398	ug/l	98
54) cis-1,3-Dichloropropene	9.92	75	119706	20.841	ug/l	98
55) 1,1,2-Trichloroethane	10.64	97	60682	21.333	ug/l	97
56) Ethyl methacrylate	10.51	69	84823	20.845	ug/l	98
57) 1,3-Dichloropropane	10.79	76	105793	21.339	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.78	63	167441	102.051	ug/l	99
59) 2-Hexanone	10.83	43	200888	97.365	ug/l	99
60) Dibromochloromethane	10.98	129	63750	20.818	ug/l	97
61) 1,2-Dibromoethane	11.08	107	57339	21.389	ug/l	97
64) Tetrachloroethene	10.72	164	84508	21.515	ug/l	94
65) Chlorobenzene	11.51	112	196831	20.946	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.58	131	66173	20.895	ug/l	99
67) Ethyl Benzene	11.59	91	354945	20.281	ug/l	100
68) m/p-Xylenes	11.70	106	272059	41.416	ug/l	99
69) o-Xylene	12.02	106	129207	21.095	ug/l	96
70) Styrene	12.04	104	228046	21.744	ug/l	98
71) Bromoform	12.20	173	37343	20.907	ug/l #	98
73) Isopropylbenzene	12.32	105	336658	19.609	ug/l	99
74) N-amyl acetate	12.14	43	96802	20.257	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	65022	19.221	ug/l	98
76) 1,2,3-Trichloropropane	12.63	75	52734m	21.586	ug/l	
77) Bromobenzene	12.60	156	76094	20.447	ug/l	98
78) n-propylbenzene	12.66	91	418413	19.960	ug/l	100
79) 2-Chlorotoluene	12.75	91	227021	19.603	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	282776	19.893	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.38	75	23916	19.230	ug/l	95
82) 4-Chlorotoluene	12.85	91	238870	20.020	ug/l	99
83) tert-Butylbenzene	13.07	119	238165	19.928	ug/l	99
84) 1,2,4-Trimethylbenzene	13.11	105	282303	19.850	ug/l	98
85) sec-Butylbenzene	13.25	105	351668	20.233	ug/l	100
86) p-Isopropyltoluene	13.36	119	305782	20.227	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	148907	20.397	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	149775	20.720	ug/l	100
89) n-Butylbenzene	13.69	91	305682	19.999	ug/l	98
90) Hexachloroethane	13.95	117	55791	20.033	ug/l	98
91) 1,2-Dichlorobenzene	13.73	146	136442	20.778	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.35	75	10804	19.077	ug/l	96

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MSVOA_Y
ClientSampleId :
VY1212SBSD01

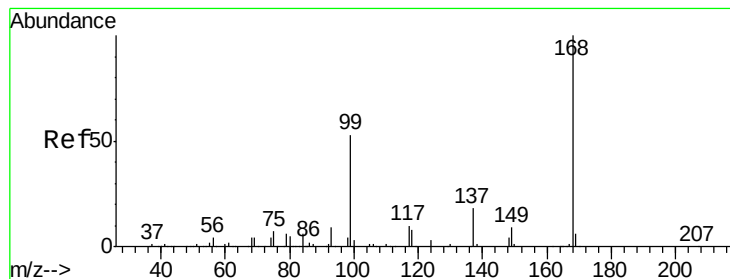
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	94570	21.283	ug/l	97
94) Hexachlorobutadiene	15.10	225	45434	20.623	ug/l	99
95) Naphthalene	15.23	128	223509	21.662	ug/l	98
96) 1,2,3-Trichlorobenzene	15.41	180	82481	20.781	ug/l	99

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



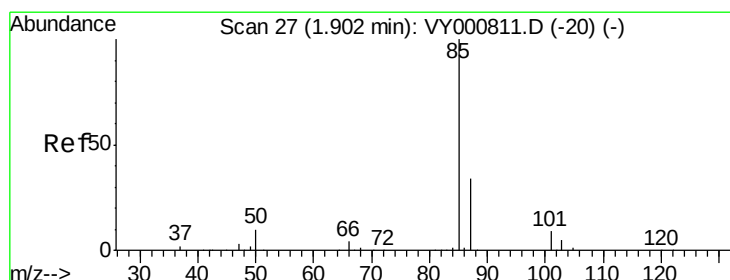
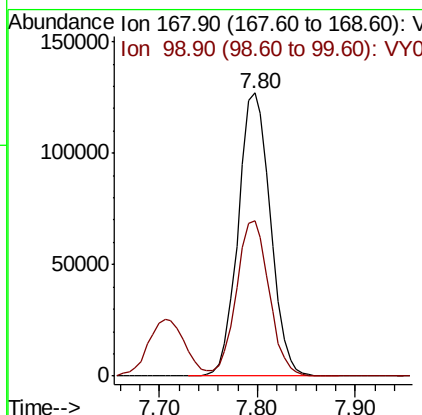
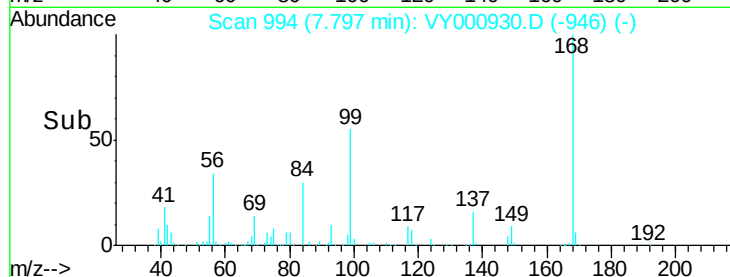
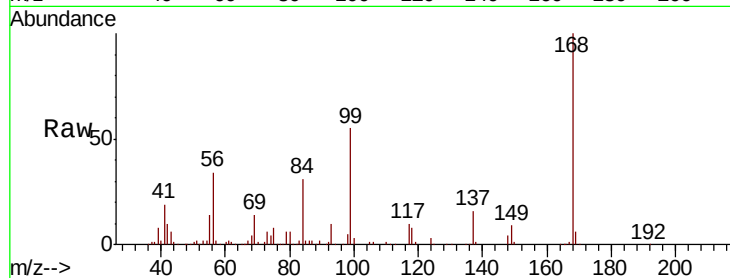
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.01 min
Lab File: VY000930.D
Acq: 12 Dec 2019 13:26

Instrument :
MSVOA_Y
ClientSampleId :
VY1212SBS01

Tot Ion	Ratio	Lower	Upper
168	100		
99	55.0	45.0	67.6

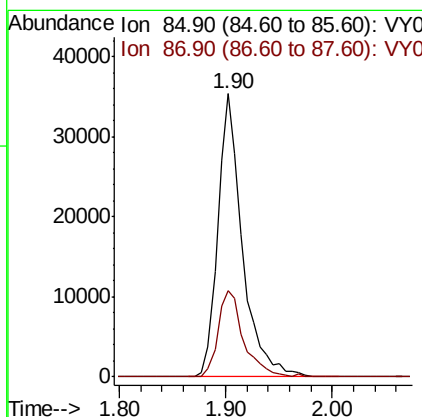
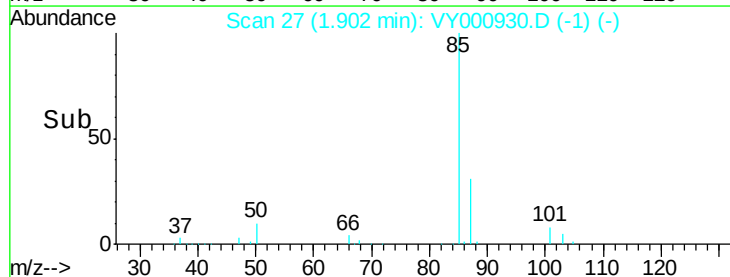
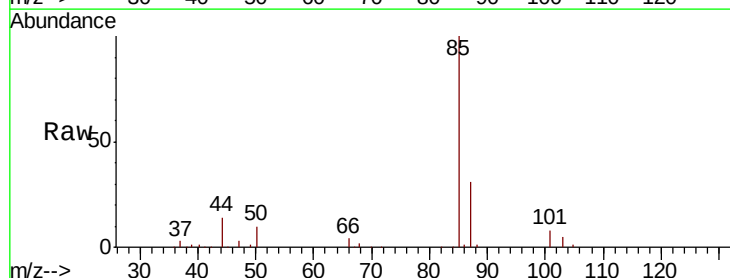
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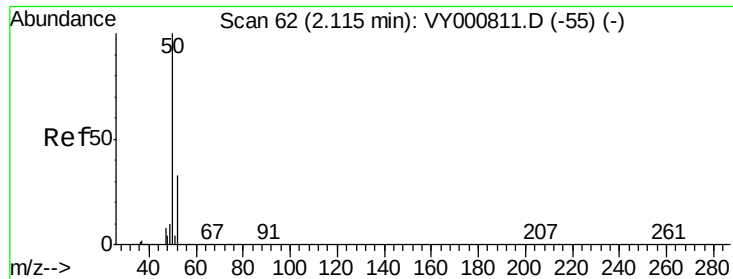
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#2
Dichlorodifluoromethane
Concen: 18.133 ug/l
RT: 1.90 min Scan# 27
Delta R.T. -0.00 min
Lab File: VY000930.D
Acq: 12 Dec 2019 13:26

Tgt Ion	Ratio	Lower	Upper
85	100		
87	30.5	16.8	50.3





#3

Chloromethane

Concen: 18.222 ug/l

RT: 2.11 min Scan# 61

Delta R.T. -0.01 min

Lab File: VY000930.D

Acq: 12 Dec 2019 13:26

Instrument :

MSVOA_Y

ClientSampleId :

VY1212SBS01

Tot Ion: 50 Resp: 69990

Ion Ratio Lower Upper

50 100

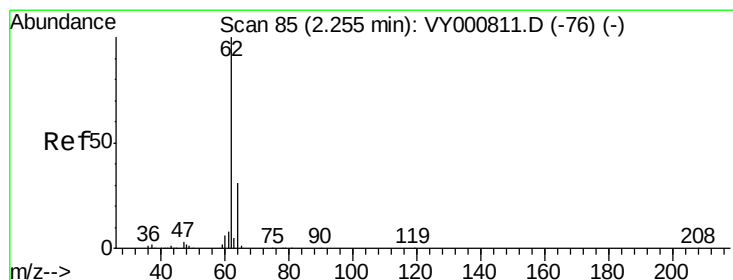
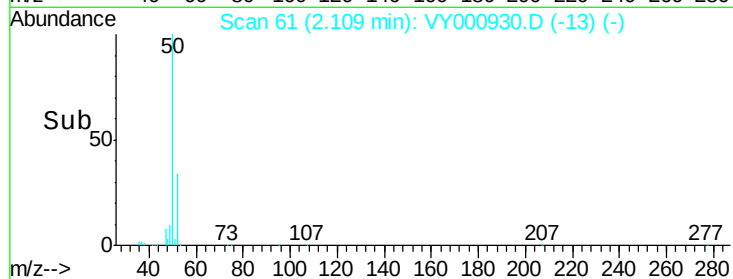
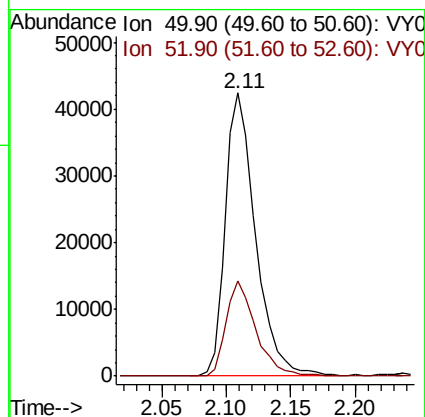
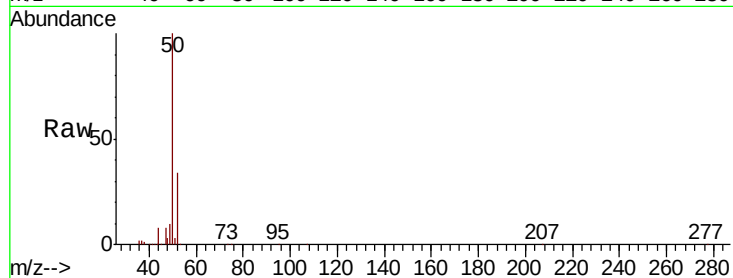
52 33.6 26.0 39.0

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#4

Vinyl Chloride

Concen: 18.936 ug/l

RT: 2.25 min Scan# 84

Delta R.T. -0.01 min

Lab File: VY000930.D

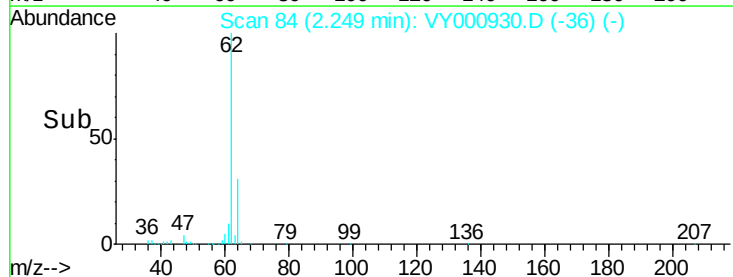
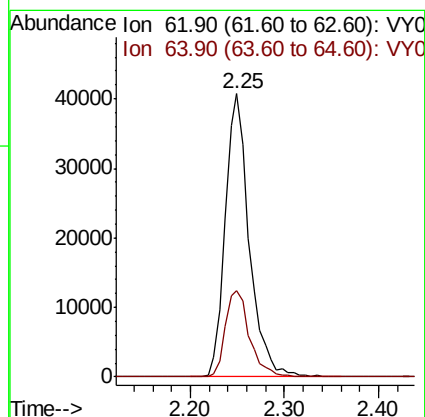
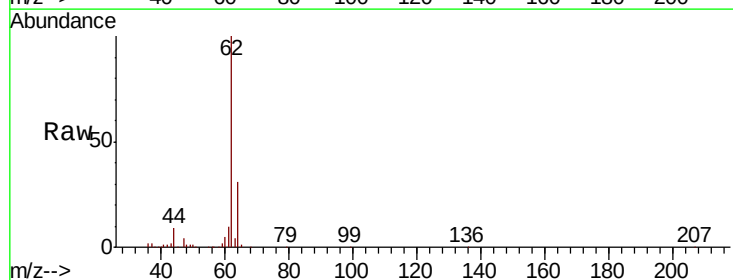
Acq: 12 Dec 2019 13:26

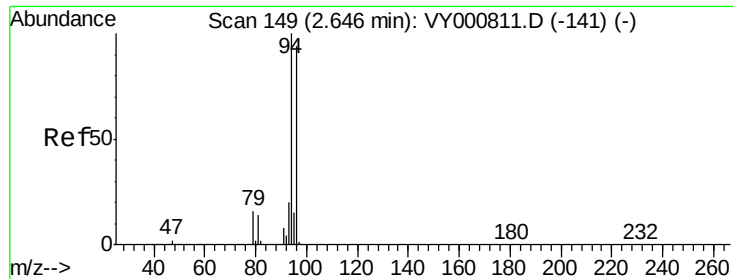
Tgt Ion: 62 Resp: 71681

Ion Ratio Lower Upper

62 100

64 30.6 25.1 37.7





#5

Bromomethane

Concen: 14.062 ug/l

RT: 2.65 min Scan# 149

Delta R.T. 0.00 min

Lab File: VY000930.D

Acq: 12 Dec 2019 13:26

Instrument :

MSVOA_Y

ClientSampleId :

VY1212SBS01

Tot Ion: 94 Resp: 35252

Ion Ratio Lower Upper

94 100

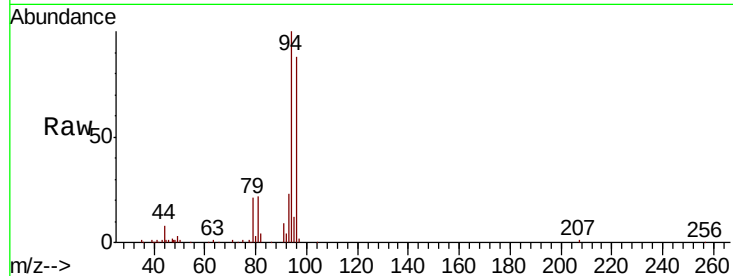
96 87.9 75.2 112.8

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0

20000

15000

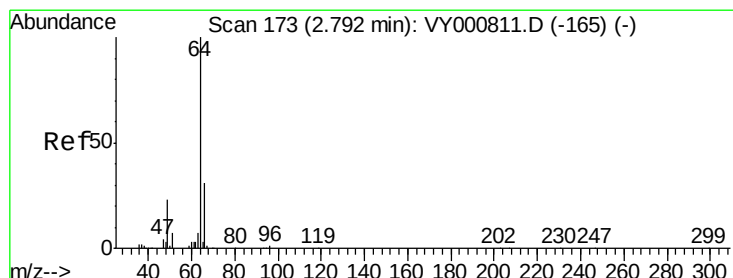
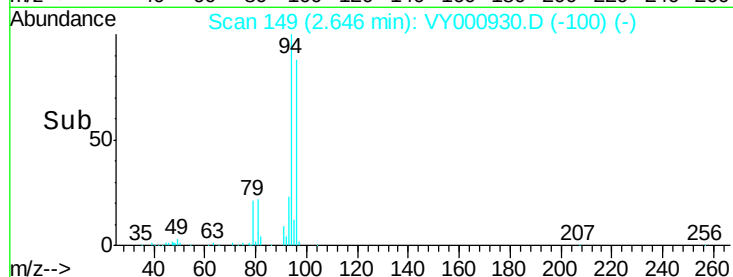
10000

5000

0

Time-->

2.55 2.60 2.65 2.70 2.75



#6

Chloroethane

Concen: 19.211 ug/l

RT: 2.79 min Scan# 172

Delta R.T. -0.01 min

Lab File: VY000930.D

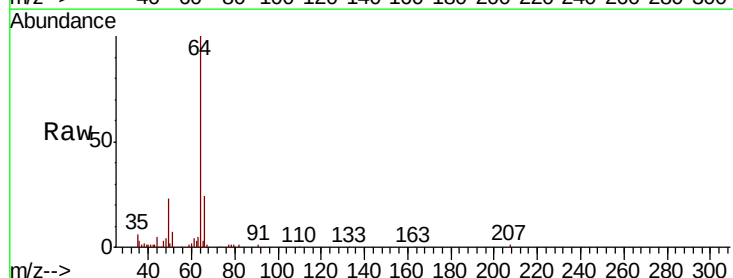
Acq: 12 Dec 2019 13:26

Tgt Ion: 64 Resp: 44587

Ion Ratio Lower Upper

64 100

66 24.3 25.0 37.4#



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0

25000

20000

15000

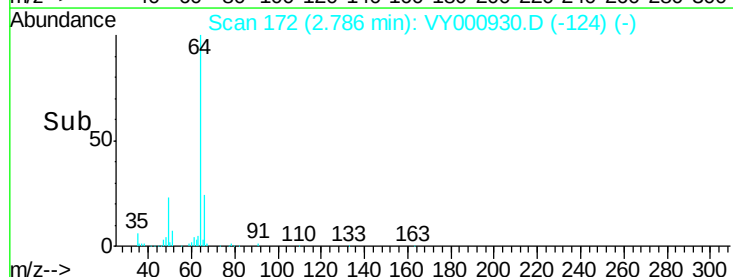
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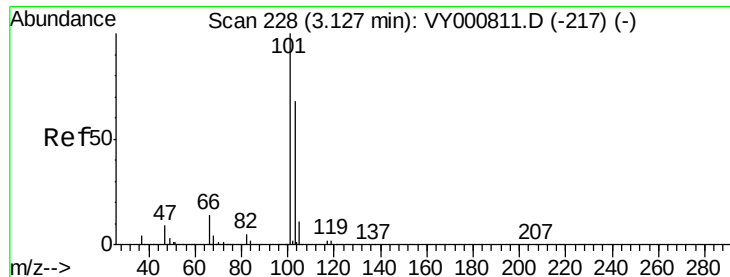
5000

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Time-->

2.70 2.75 2.80 2.85 2.90





#7

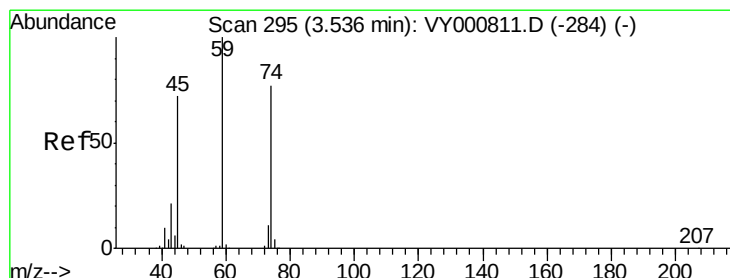
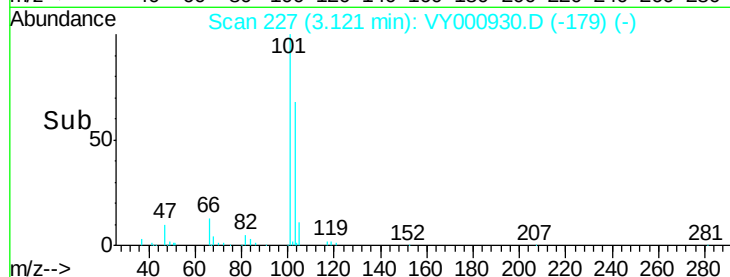
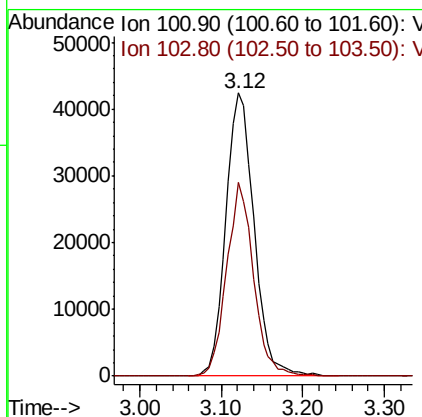
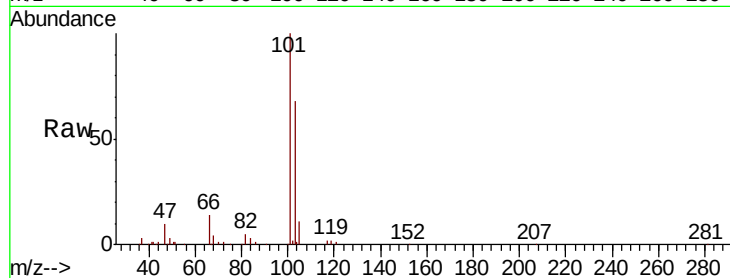
Trichlorofluoromethane
 Concen: 19.521 ug/l
 RT: 3.12 min Scan# 227
 Delta R.T. -0.01 min
 Lab File: VY000930.D
 Acq: 12 Dec 2019 13:26

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1212SBS01

Tot Ion	Ratio	Resp	Lower	Upper
101	100	101273		
103	68.4	54.2	81.2	

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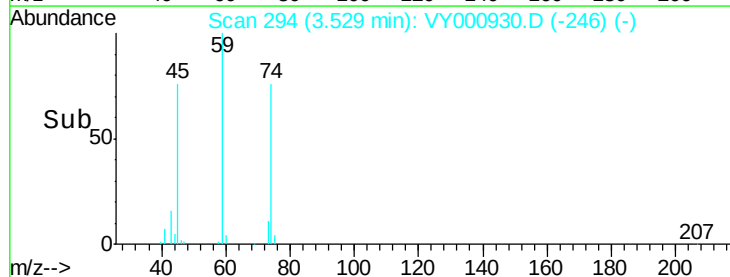
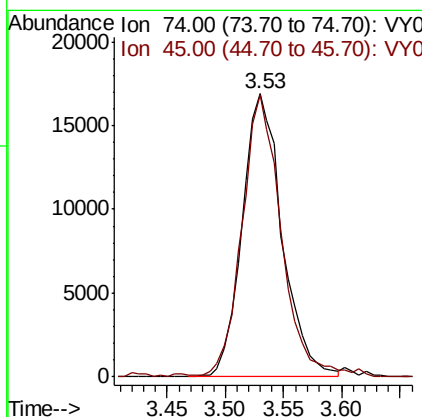
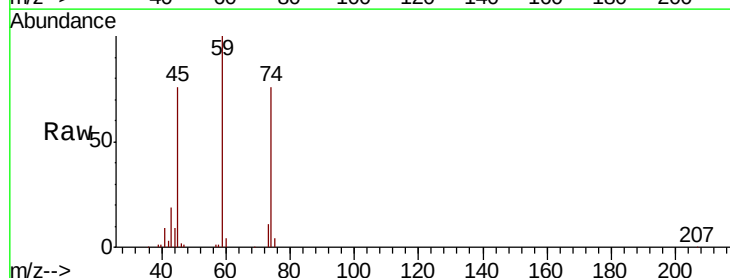
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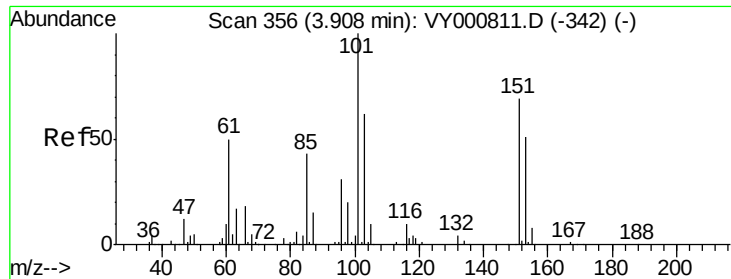


#8

Diethyl Ether
 Concen: 20.711 ug/l
 RT: 3.53 min Scan# 294
 Delta R.T. -0.01 min
 Lab File: VY000930.D
 Acq: 12 Dec 2019 13:26

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	40440		
45	98.3	49.0	147.0	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.611 ug/l

RT: 3.90 min Scan# 354

Delta R.T. -0.01 min

Lab File: VY000930.D

Acq: 12 Dec 2019 13:26

Instrument :

MSVOA_Y

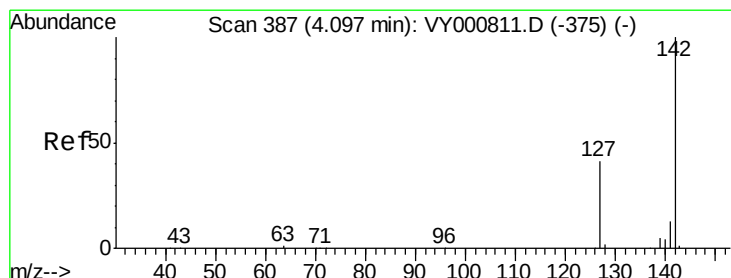
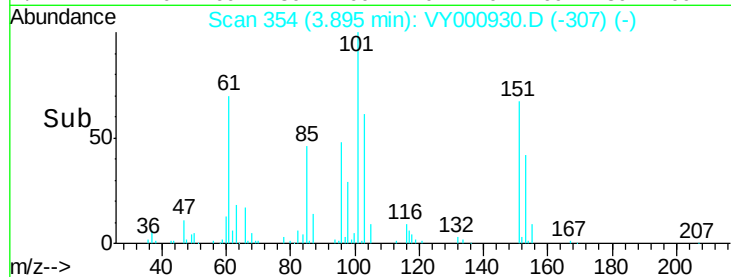
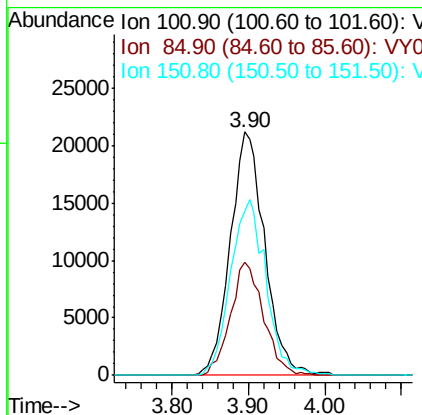
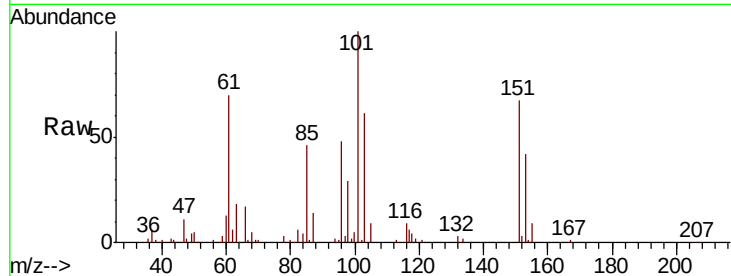
ClientSampleId :

VY1212SBS01

Tot Ion:	101	Resp:	66031
Ion Ratio	Lower	Upper	
101	100		
85	44.6	36.0	54.0
151	74.4	58.2	87.2

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#10

Methyl Iodide

Concen: 20.179 ug/l

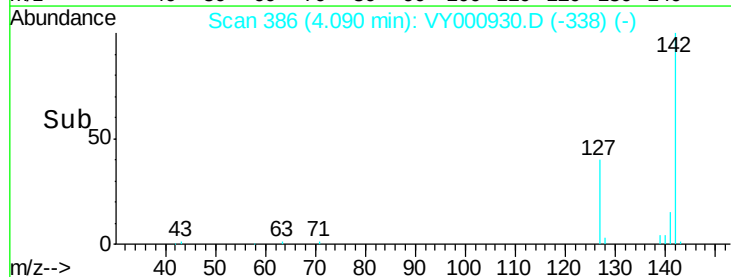
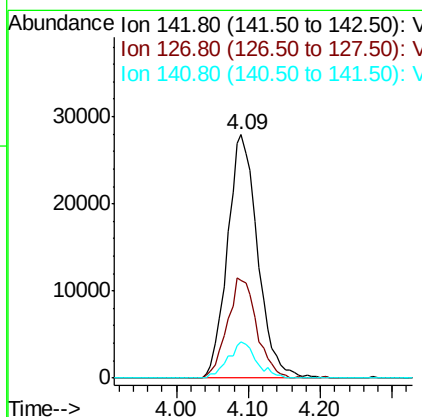
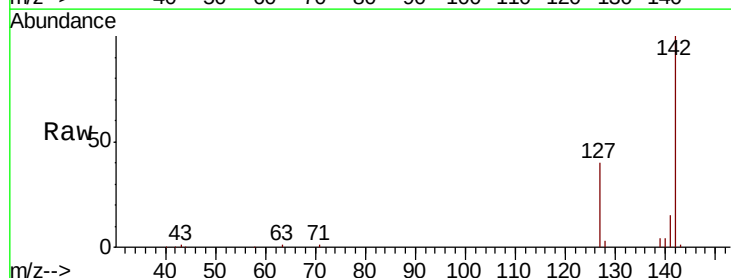
RT: 4.09 min Scan# 386

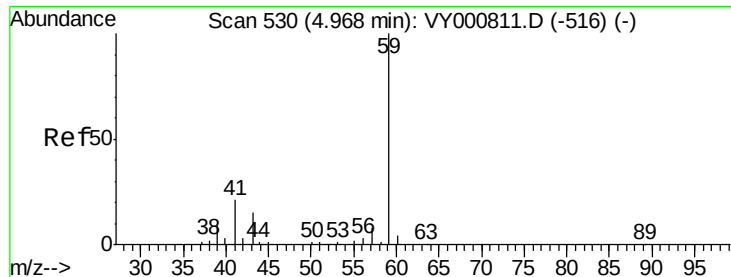
Delta R.T. -0.01 min

Lab File: VY000930.D

Acq: 12 Dec 2019 13:26

Tgt Ion:	142	Resp:	81391
Ion Ratio	Lower	Upper	
142	100		
127	40.3	33.8	50.8
141	13.9	10.9	16.3





#11

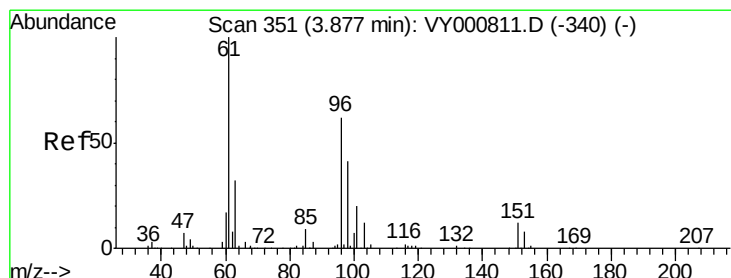
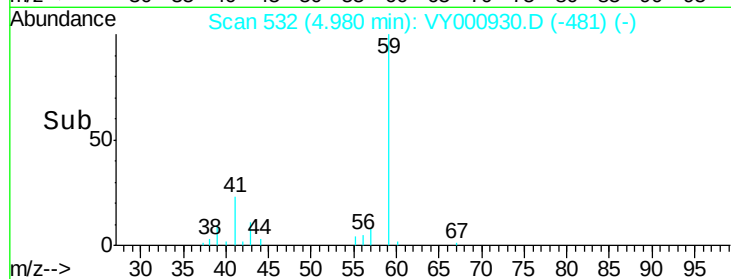
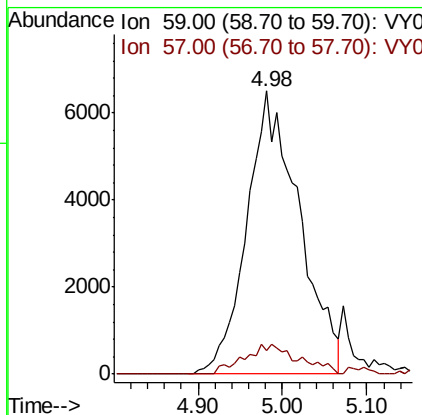
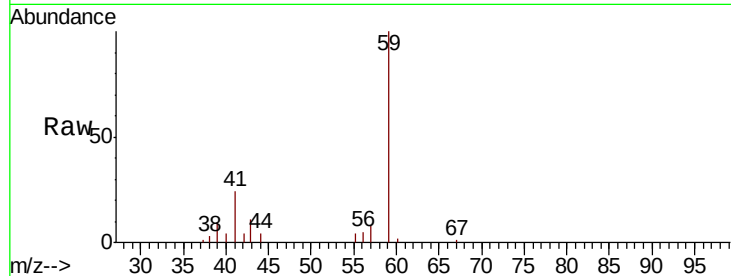
Tert butyl alcohol
 Concen: 89.593 ug/l
 RT: 4.98 min Scan# 532
 Delta R.T. 0.01 min
 Lab File: VY000930.D
 Acq: 12 Dec 2019 13:26

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1212SBS01

Tot Ion	59	Resp	27724
Ion Ratio	100	Lower	Upper
57	11.0	7.8	11.6

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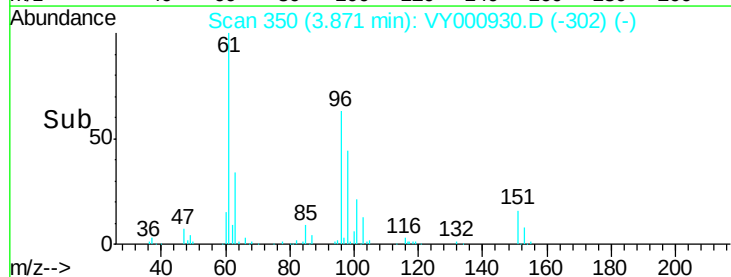
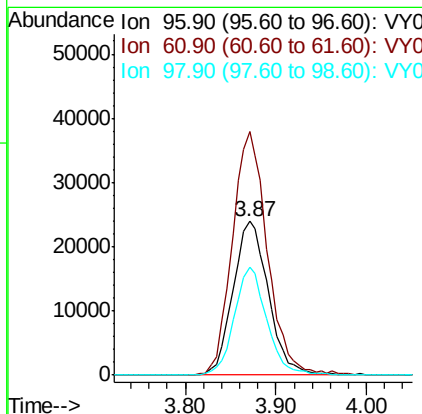
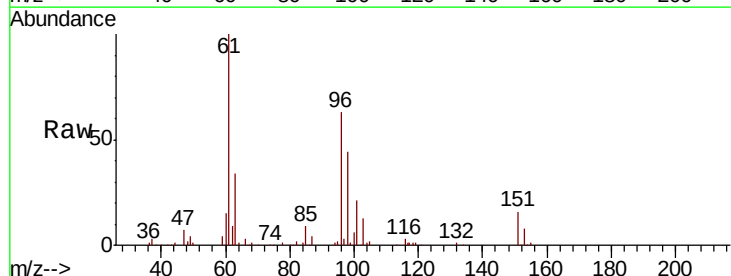
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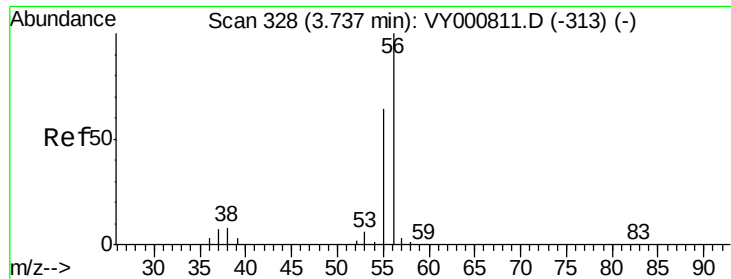


#12

1,1-Dichloroethene
 Concen: 20.344 ug/l
 RT: 3.87 min Scan# 350
 Delta R.T. -0.01 min
 Lab File: VY000930.D
 Acq: 12 Dec 2019 13:26

Tgt Ion	96	Resp	64567
Ion Ratio	100	Lower	Upper
61	158.6	129.4	194.2
98	70.3	53.4	80.0





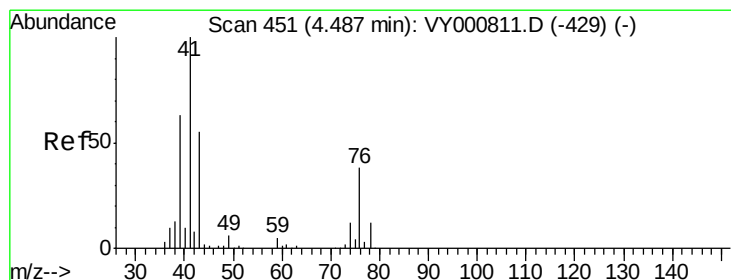
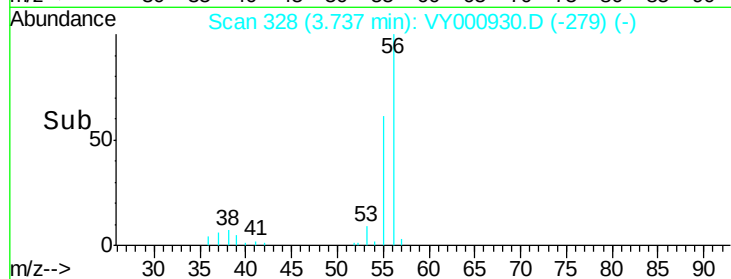
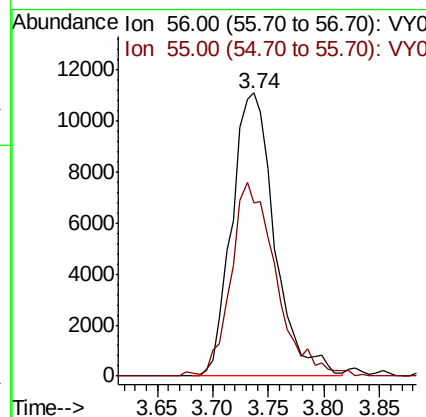
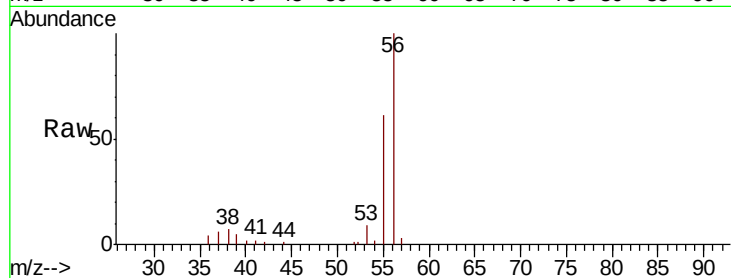
#13
Acrolein
Concen: 97.004 ug/l
RT: 3.74 min Scan# 328
Delta R.T. -0.00 min
Lab File: VY000930.D
Acq: 12 Dec 2019 13:26

Instrument :
MSVOA_Y
ClientSampleId :
VY1212SBS01

Tot Ion	Ion	Ratio	Lower	Upper
56	56	100		
55	55	71.8	55.7	83.5

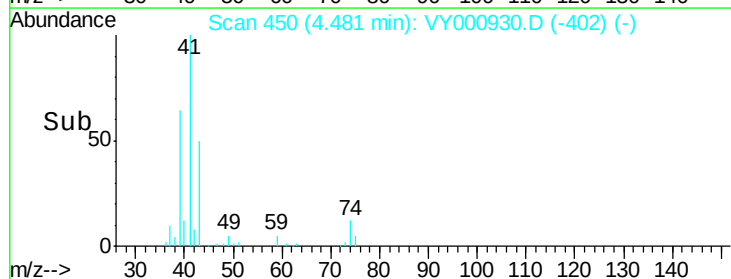
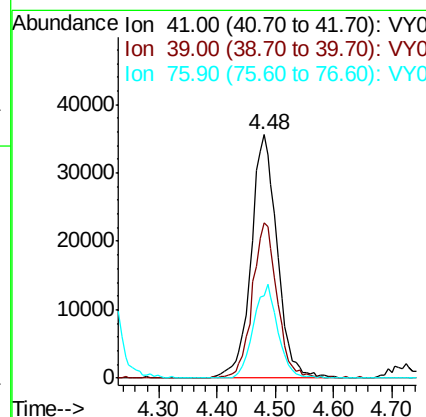
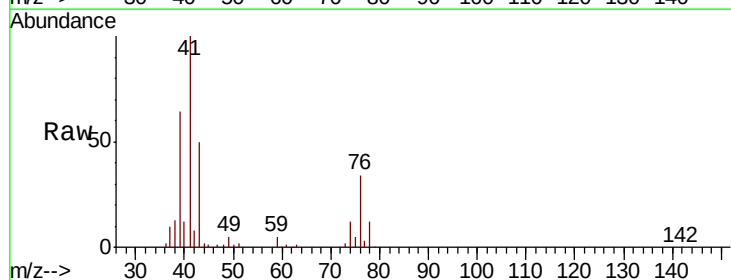
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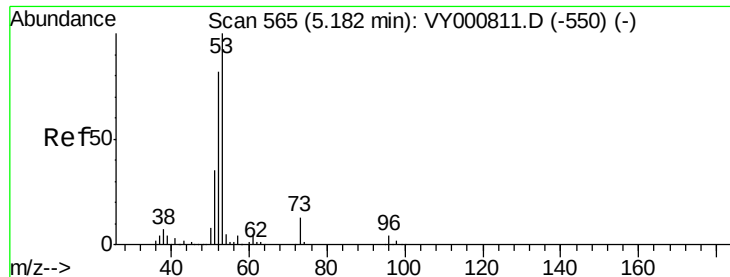
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#14
Allyl chloride
Concen: 20.255 ug/l
RT: 4.48 min Scan# 450
Delta R.T. -0.01 min
Lab File: VY000930.D
Acq: 12 Dec 2019 13:26

Tgt Ion	Ion	Ratio	Lower	Upper
41	41	100		
39	39	61.0	49.2	73.8
76	76	35.8	29.2	43.8





#15

Acrylonitrile

Concen: 102.418 ug/l

RT: 5.18 min Scan# 564

Delta R.T. -0.01 min

Lab File: VY000930.D

Acq: 12 Dec 2019 13:26

Instrument :

MSVOA_Y

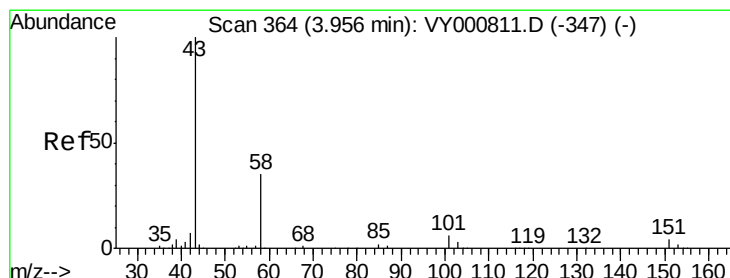
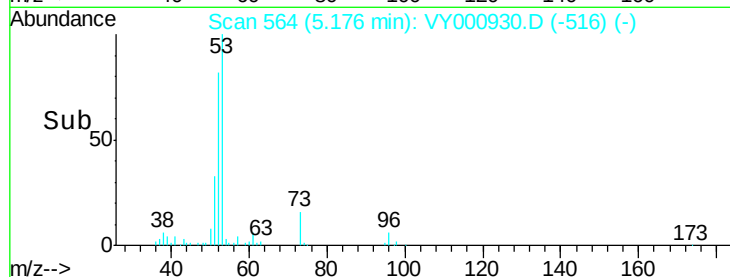
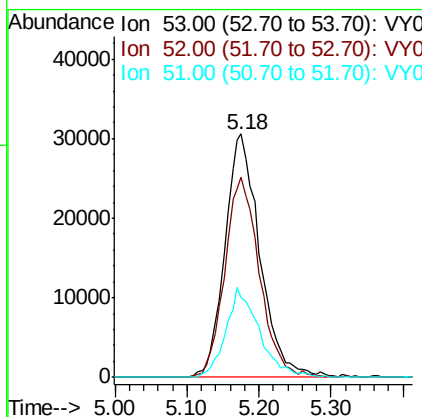
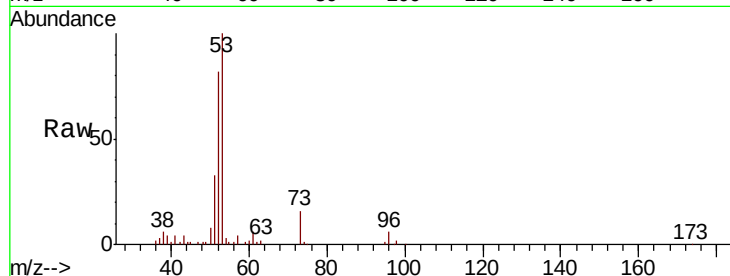
ClientSampleId :

VY1212SBS01

Tot Ion:	53	Resp:	103263
Ion Ratio	Lower	Upper	
53	100		
52	80.8	65.1	97.7
51	35.2	29.0	43.4

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#16

Acetone

Concen: 100.977 ug/l

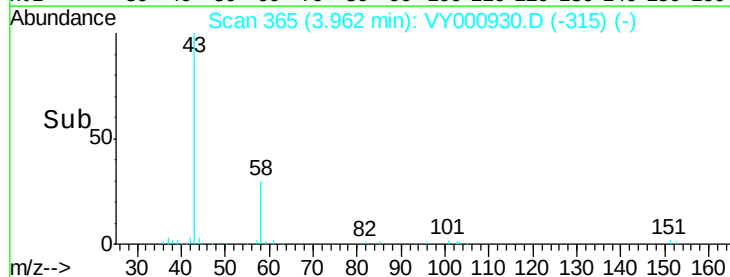
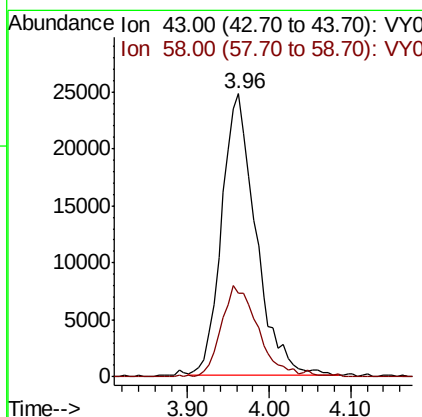
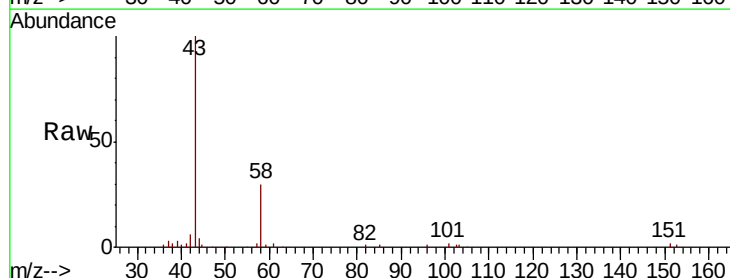
RT: 3.96 min Scan# 365

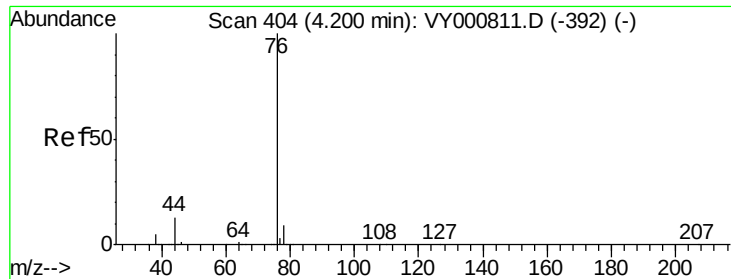
Delta R.T. 0.01 min

Lab File: VY000930.D

Acq: 12 Dec 2019 13:26

Tgt Ion:	43	Resp:	71247
Ion Ratio	Lower	Upper	
43	100		
58	29.0	28.0	42.0





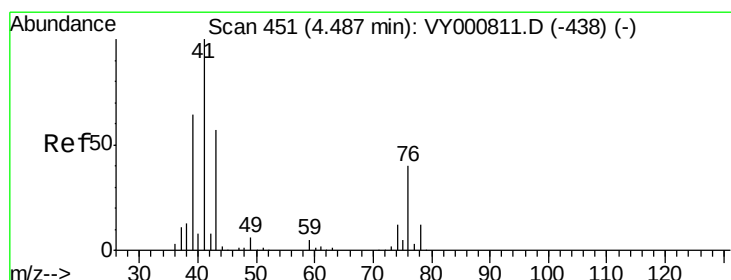
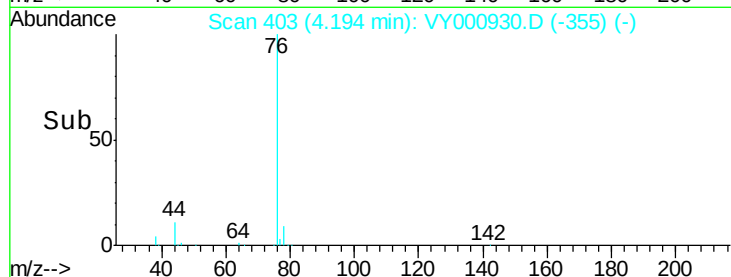
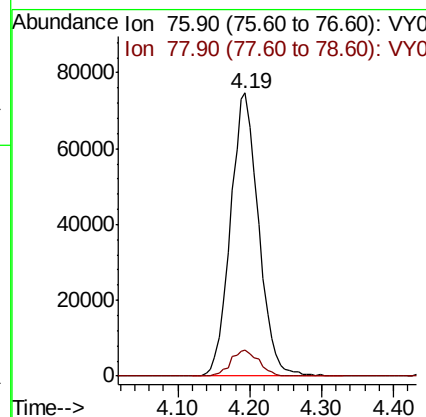
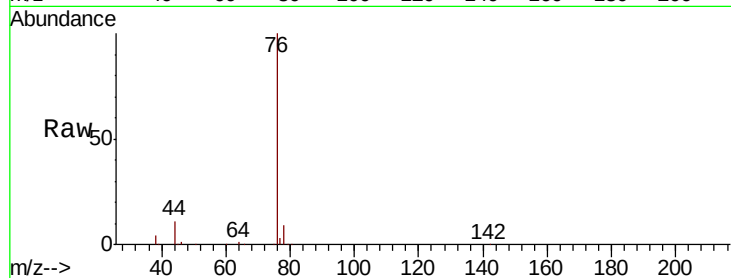
#17
Carbon Disulfide
Concen: 19.786 ug/l
RT: 4.19 min Scan# 403
Delta R.T. -0.01 min
Lab File: VY000930.D
Acq: 12 Dec 2019 13:26

Instrument :
MSVOA_Y
ClientSampleId :
VY1212SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.3	10.9

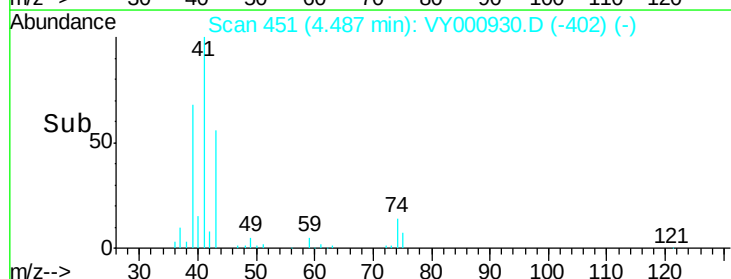
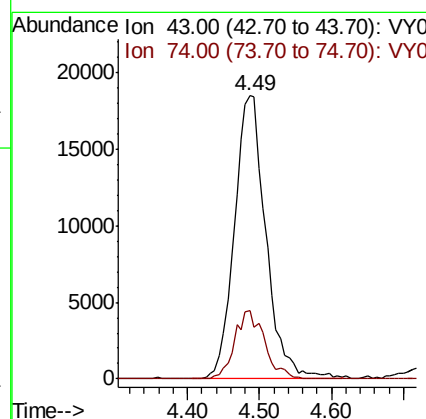
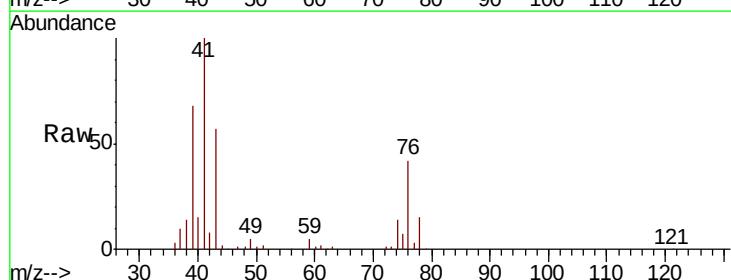
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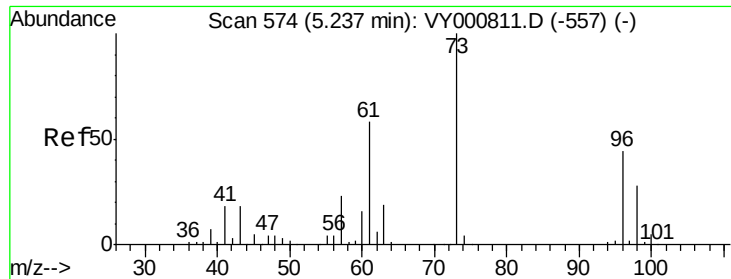
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#18
Methyl Acetate
Concen: 19.050 ug/l
RT: 4.49 min Scan# 451
Delta R.T. -0.00 min
Lab File: VY000930.D
Acq: 12 Dec 2019 13:26

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.7	18.5	27.7





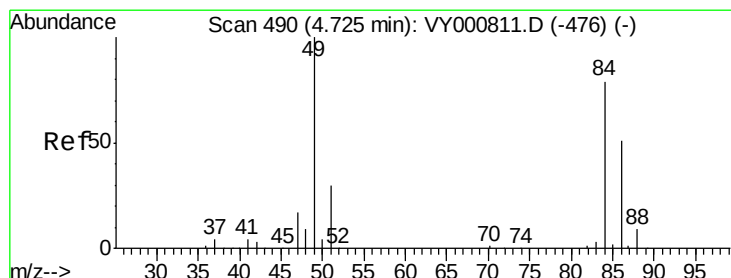
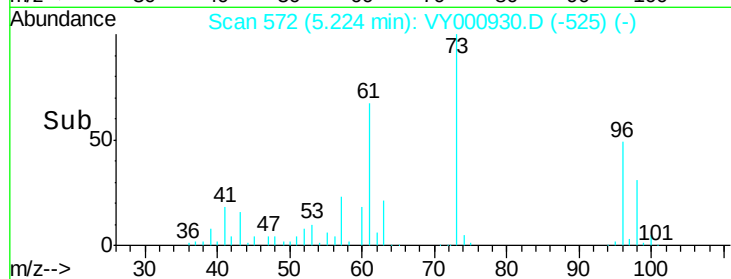
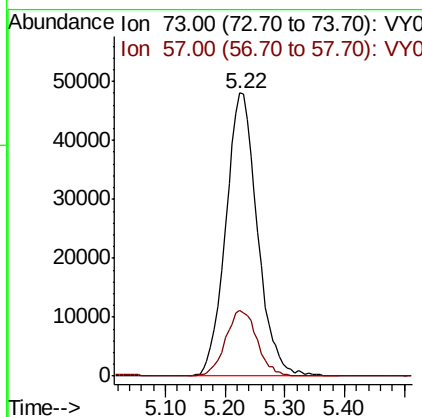
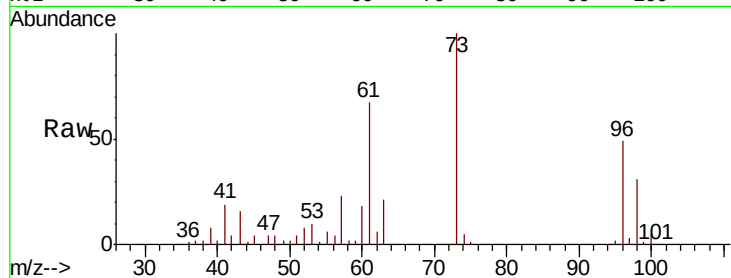
#19
Methyl tert-butyl Ether
Concen: 20.907 ug/l
RT: 5.22 min Scan# 572
Delta R.T. -0.01 min
Lab File: VY000930.D
Acq: 12 Dec 2019 13:26

Instrument :
MSVOA_Y
ClientSampleId :
VY1212SBS01

Tot Ion: 73 Resp: 177205
Ion Ratio Lower Upper
73 100
57 23.1 18.2 27.4

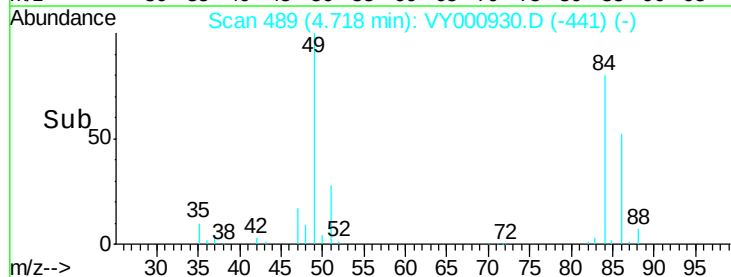
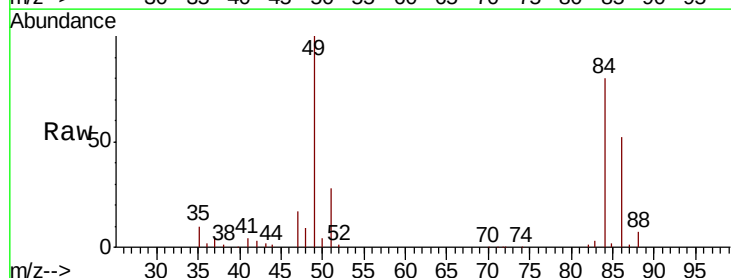
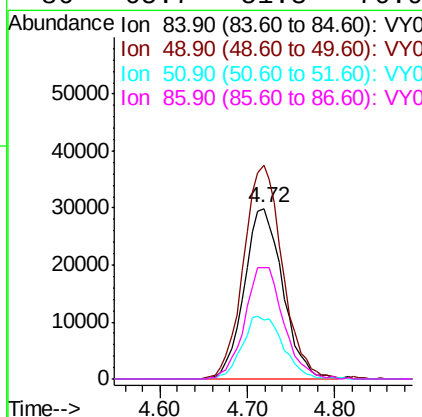
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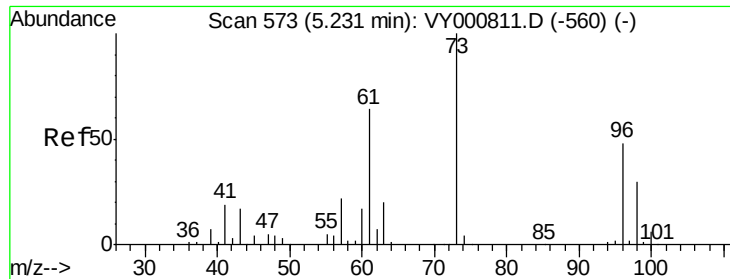
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#20
Methylene Chloride
Concen: 24.634 ug/l
RT: 4.72 min Scan# 489
Delta R.T. -0.01 min
Lab File: VY000930.D
Acq: 12 Dec 2019 13:26

Tgt Ion: 84 Resp: 91621
Ion Ratio Lower Upper
84 100
49 125.5 101.3 151.9
51 34.9 30.6 45.8
86 65.7 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 19.684 ug/l

RT: 5.22 min Scan# 572

Delta R.T. -0.01 min

Lab File: VY000930.D

Acq: 12 Dec 2019 13:26

Instrument :

MSVOA_Y

ClientSampleId :

VY1212SBS01

Tot Ion: 96 Resp: 71007

Ion Ratio Lower Upper

96 100

61 137.7 105.9 158.9

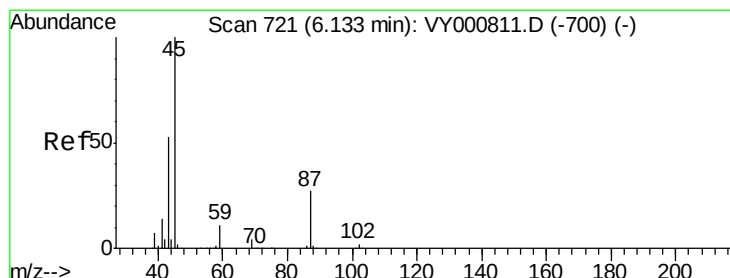
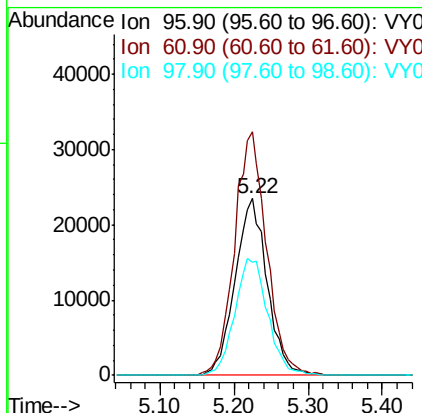
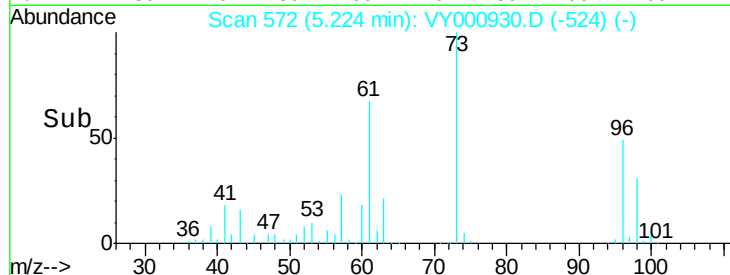
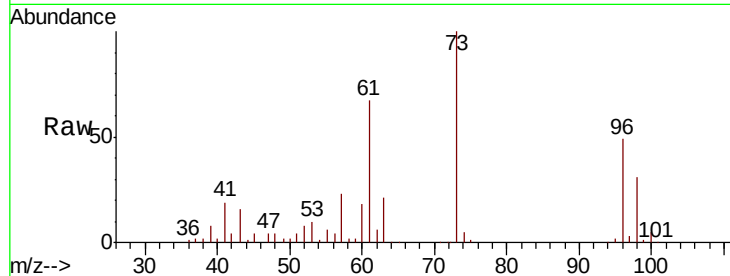
98 63.8 49.4 74.2

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#22

Diisopropyl ether

Concen: 20.944 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.01 min

Lab File: VY000930.D

Acq: 12 Dec 2019 13:26

Tgt Ion: 45 Resp: 234254

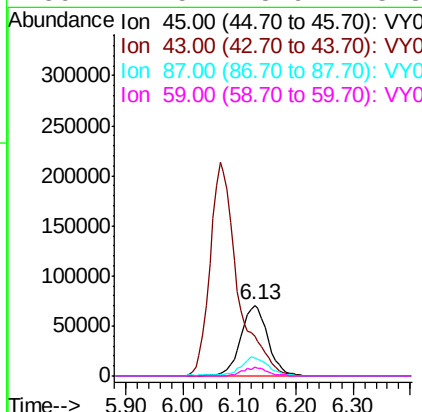
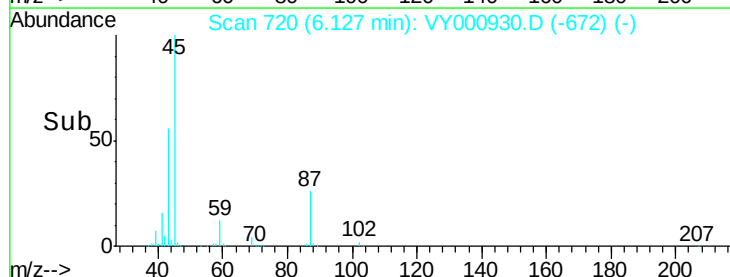
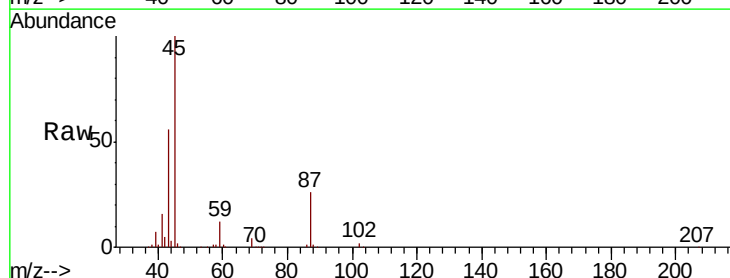
Ion Ratio Lower Upper

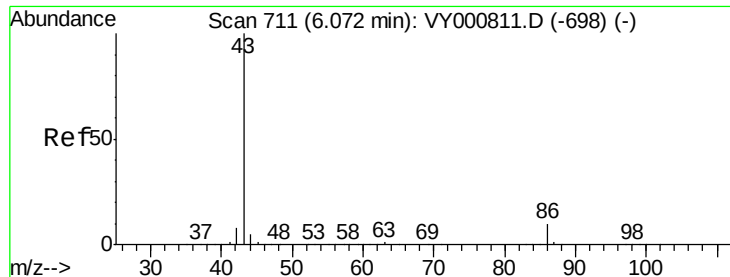
45 100

43 55.3 42.7 64.1

87 25.6 22.0 33.0

59 12.5 8.9 13.3





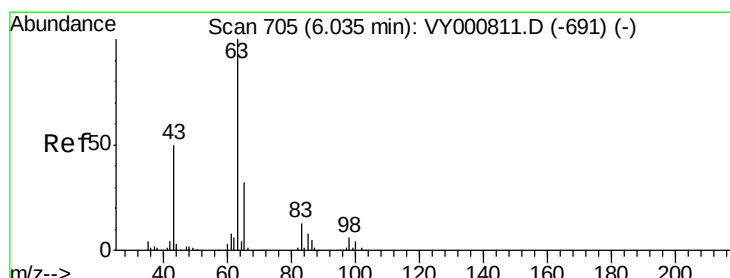
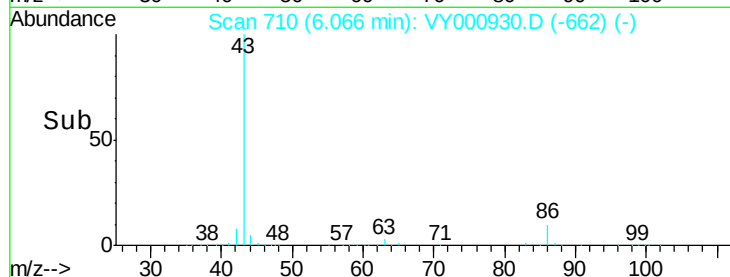
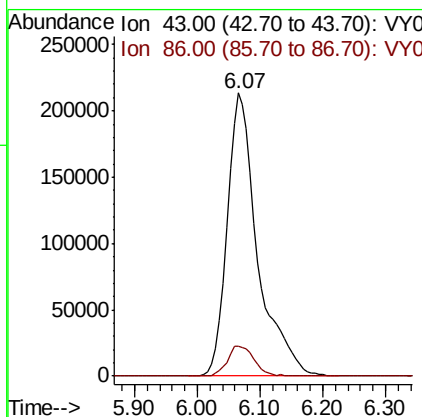
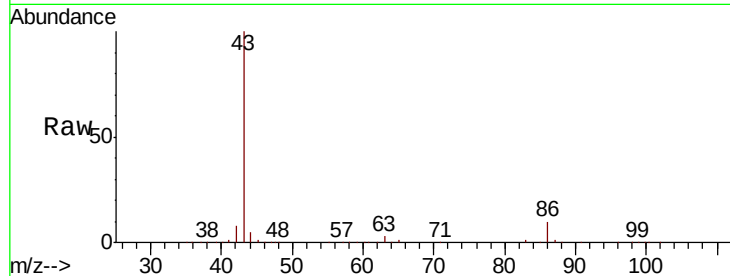
#23
 Vinyl Acetate
 Concen: 105.126 ug/l
 RT: 6.07 min Scan# 710
 Delta R.T. -0.01 min
 Lab File: VY000930.D
 Acq: 12 Dec 2019 13:26

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1212SBS01

Tot Ion	43	Resp	714825
Ion Ratio	100	Lower	Upper
43	100		
86	10.4	8.3	12.5

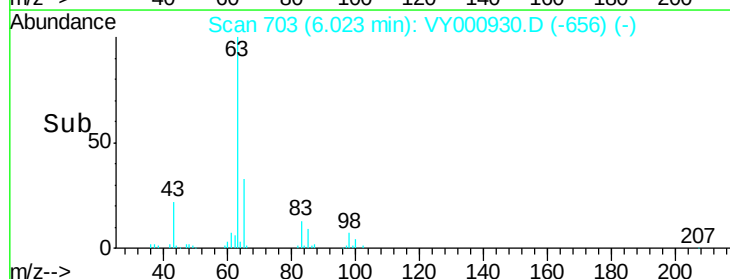
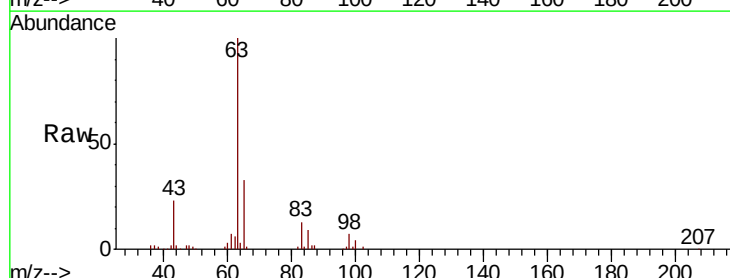
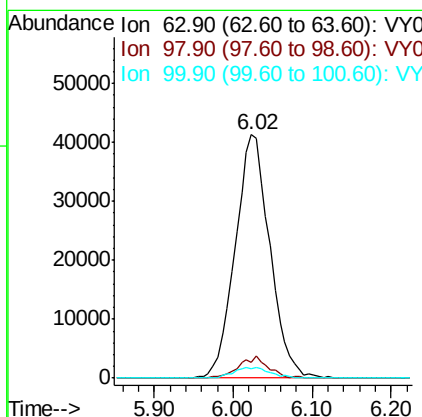
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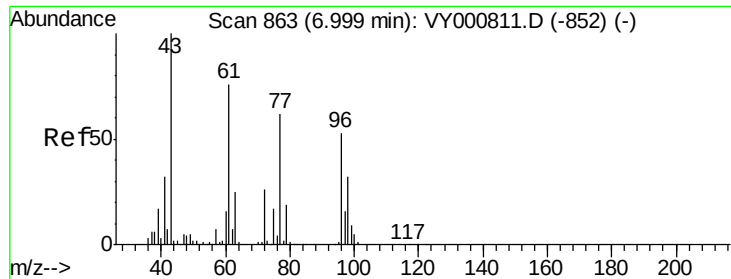
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#24
 1,1-Dichloroethane
 Concen: 20.443 ug/l
 RT: 6.02 min Scan# 703
 Delta R.T. -0.01 min
 Lab File: VY000930.D
 Acq: 12 Dec 2019 13:26

Tgt Ion	63	Resp	126025
Ion Ratio	100	Lower	Upper
63	100		
98	6.5	3.3	9.8
100	3.8	2.2	6.6





#25

2-Butanone

Concen: 98.283 ug/l

RT: 7.00 min Scan# 863

Delta R.T. -0.00 min

Lab File: VY000930.D

Acq: 12 Dec 2019 13:26

Instrument :

MSVOA_Y

ClientSampleId :

VY1212SBS01

Tot Ion: 43 Resp: 128100

Ion Ratio Lower Upper

43 100

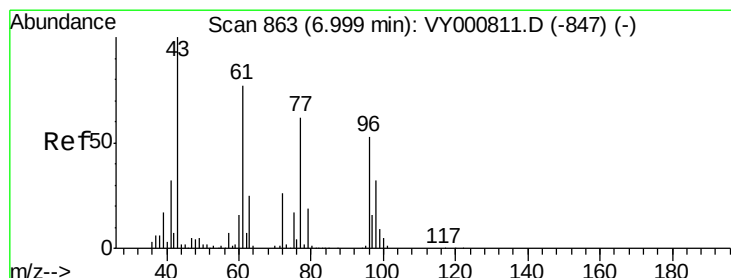
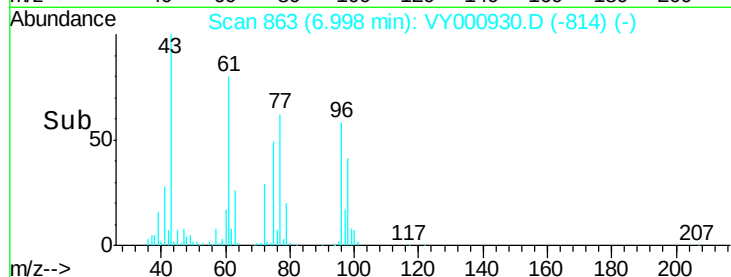
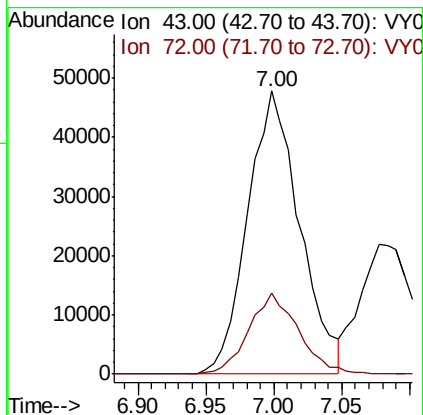
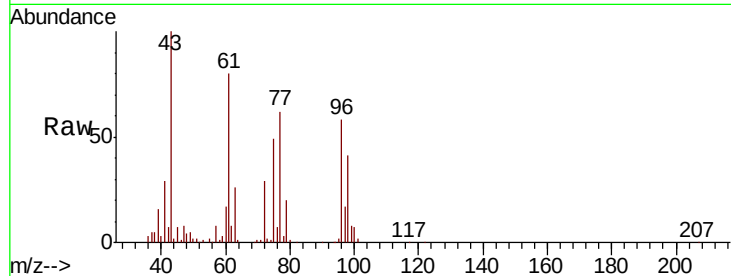
72 28.9 21.0 31.4

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#26

2,2-Dichloropropane

Concen: 20.339 ug/l

RT: 6.99 min Scan# 861

Delta R.T. -0.01 min

Lab File: VY000930.D

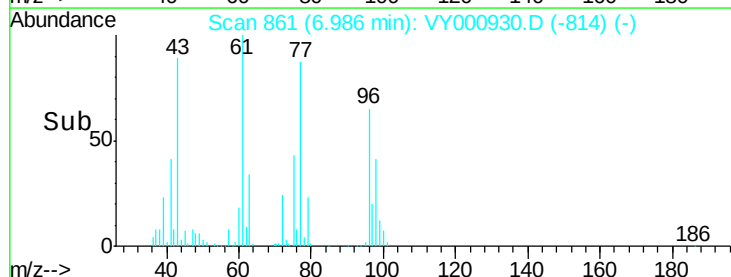
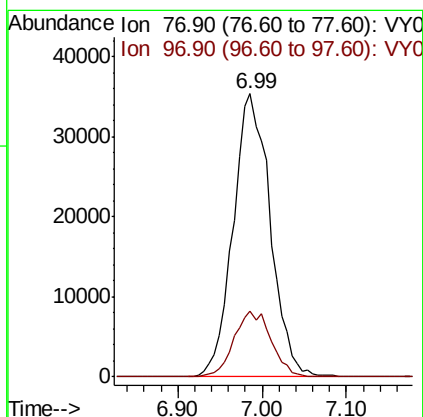
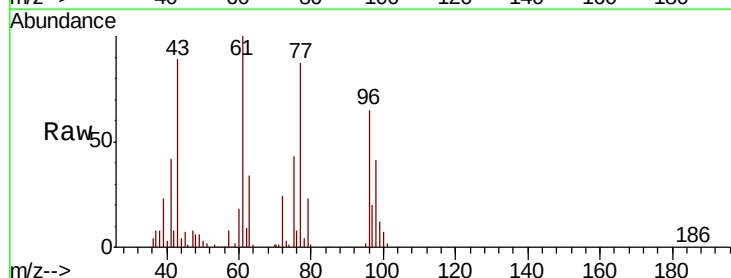
Acq: 12 Dec 2019 13:26

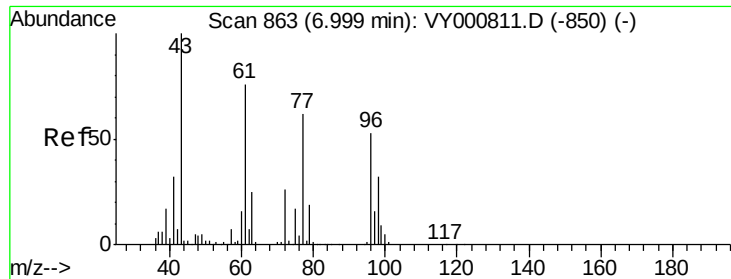
Tgt Ion: 77 Resp: 105526

Ion Ratio Lower Upper

77 100

97 23.4 11.9 35.9





#27

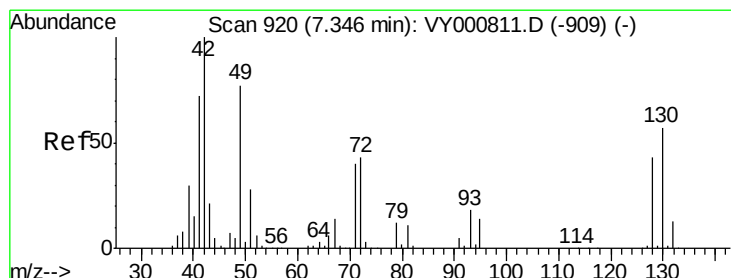
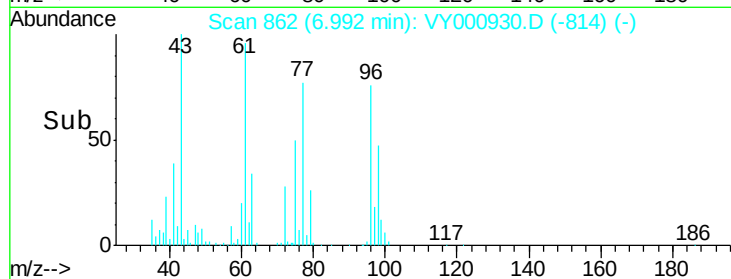
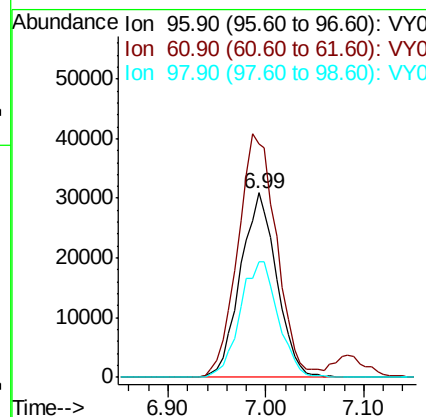
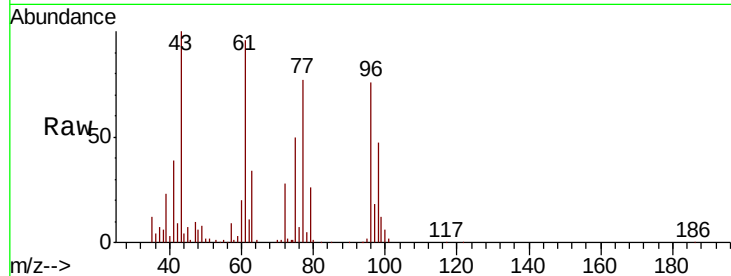
cis-1,2-Dichloroethene
Concen: 20.353 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.01 min
Lab File: VY000930.D
Acq: 12 Dec 2019 13:26

Instrument :
MSVOA_Y
ClientSampleId :
VY1212SBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	79365		
61	141.1		0.0	285.0
98	65.9		0.0	128.0

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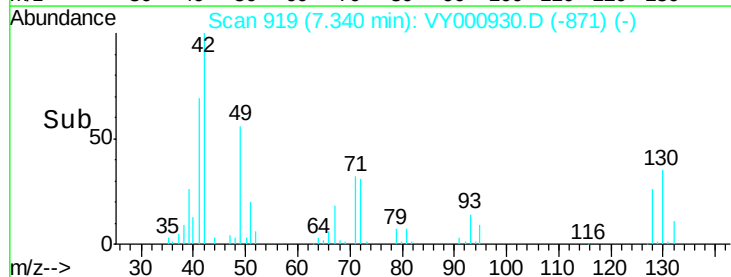
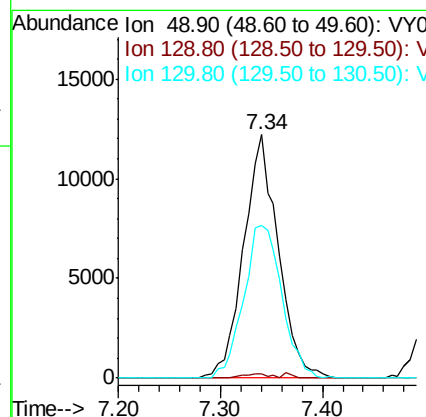
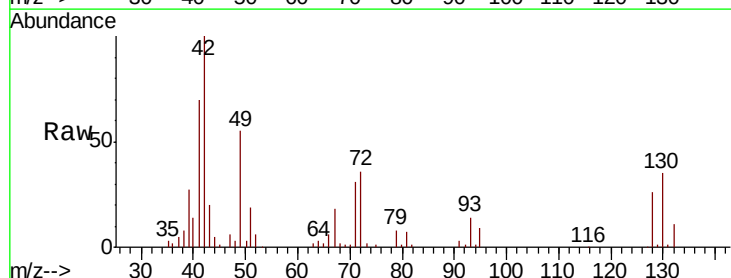
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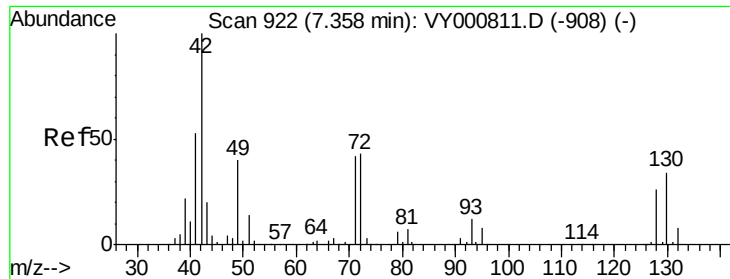


#28

Bromochloromethane
Concen: 14.194 ug/l
RT: 7.34 min Scan# 919
Delta R.T. -0.01 min
Lab File: VY000930.D
Acq: 12 Dec 2019 13:26

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	28682		
129	1.4		0.0	3.8
130	69.4		58.7	88.1





#29

Tetrahydrofuran

Concen: 104.349 ug/l

RT: 7.35 min Scan# 921

Delta R.T. -0.01 min

Lab File: VY000930.D

Acq: 12 Dec 2019 13:26

Instrument :

MSVOA_Y

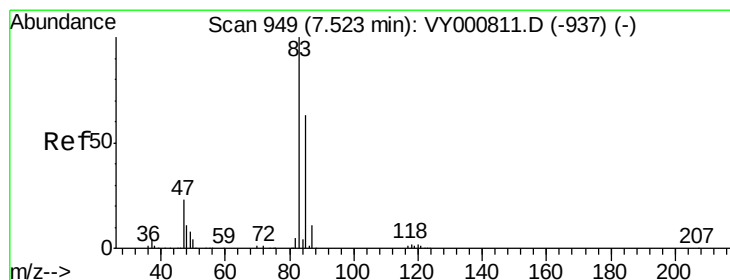
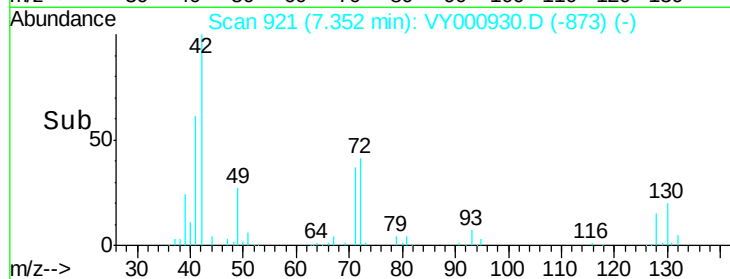
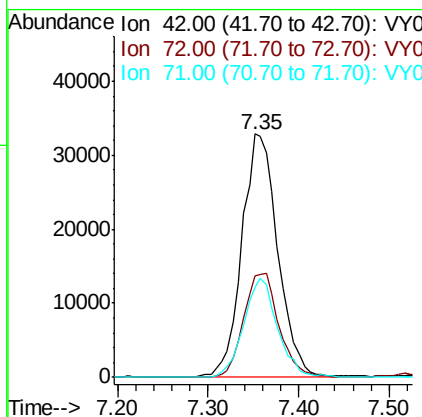
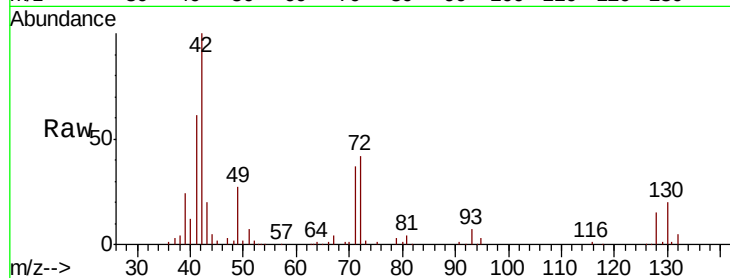
ClientSampleId :

VY1212SBS01

Tot Ion:	42	Resp:	90125
Ion Ratio		Lower	Upper
42	100		
72	42.0	35.1	52.7
71	38.6	32.8	49.2

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#30

Chloroform

Concen: 19.486 ug/l

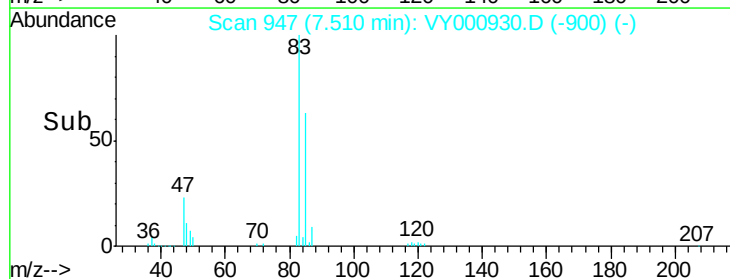
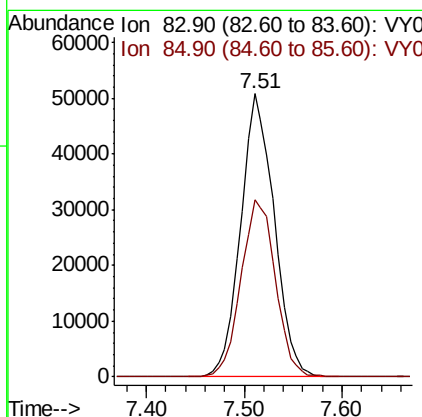
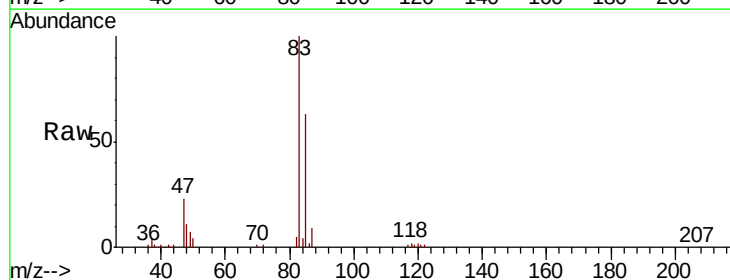
RT: 7.51 min Scan# 947

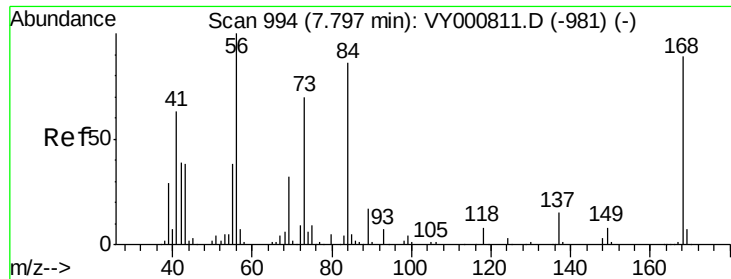
Delta R.T. -0.01 min

Lab File: VY000930.D

Acq: 12 Dec 2019 13:26

Tgt Ion:	83	Resp:	120503
Ion Ratio		Lower	Upper
83	100		
85	62.6	50.4	75.6





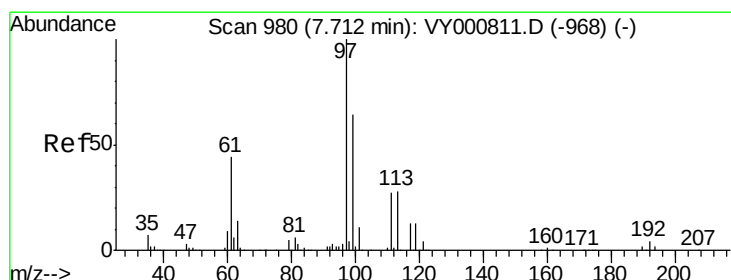
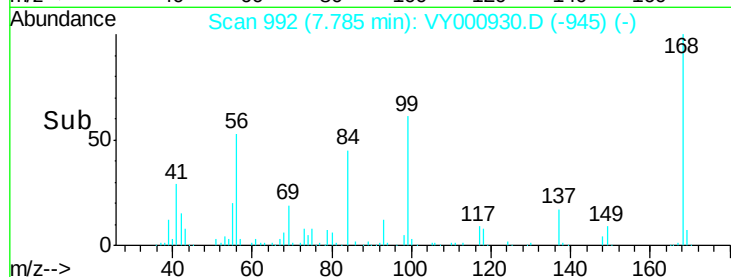
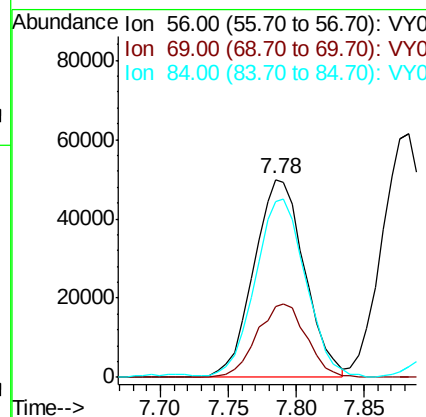
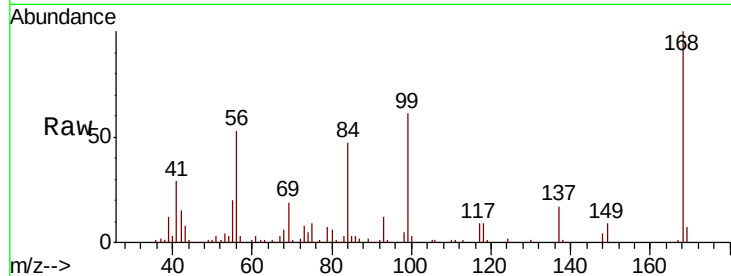
#31
Cyclohexane
Concen: 19.901 ug/l
RT: 7.78 min Scan# 992
Delta R.T. -0.01 min
Lab File: VY000930.D
Acq: 12 Dec 2019 13:26

Instrument :
MSVOA_Y
ClientSampleId :
VY1212SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	35.7	25.9	38.9
84	88.0	68.6	102.8

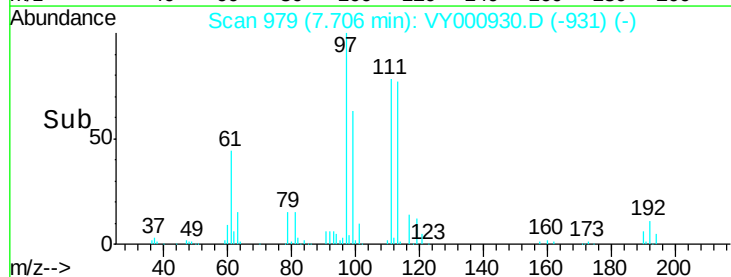
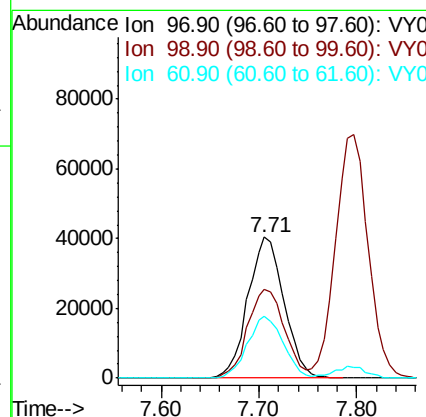
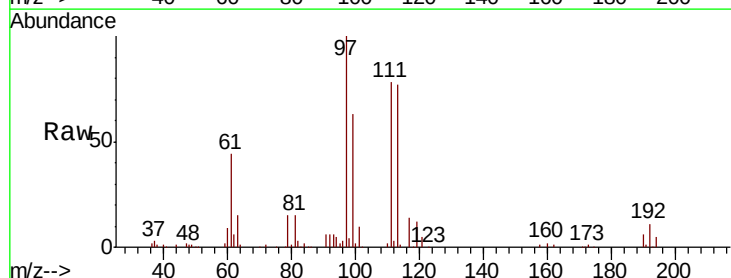
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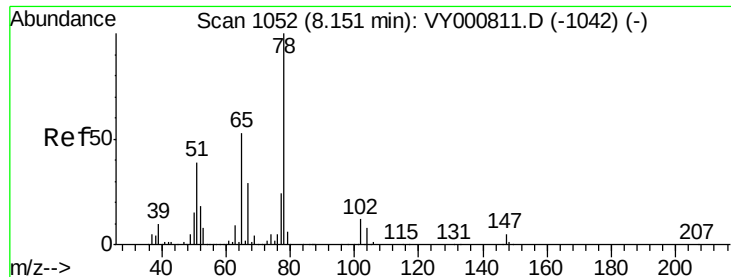
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#32
1,1,1-Trichloroethane
Concen: 20.308 ug/l
RT: 7.71 min Scan# 979
Delta R.T. -0.01 min
Lab File: VY000930.D
Acq: 12 Dec 2019 13:26

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.4	51.7	77.5
61	43.2	35.0	52.6





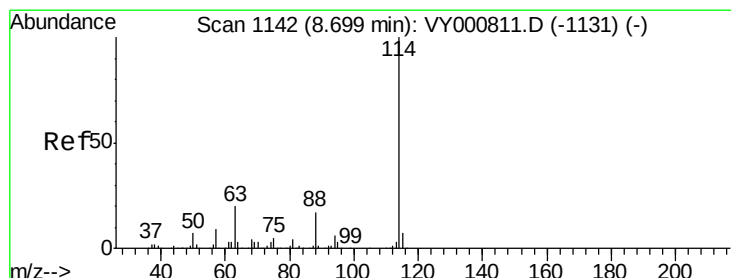
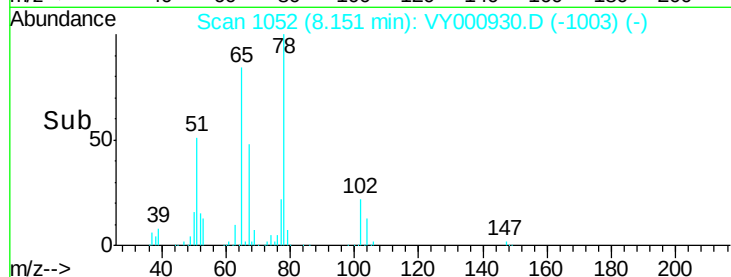
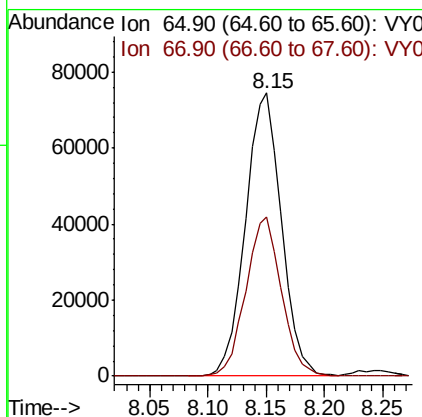
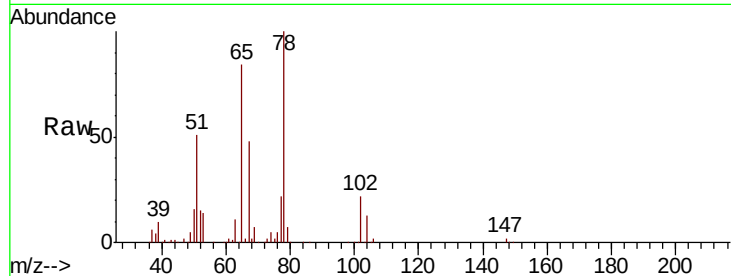
#33
 1,2-Dichloroethane-d4
 Concen: 52.148 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VY000930.D
 Acq: 12 Dec 2019 13:26

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1212SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	160394		
67	55.6	0.0	112.0	

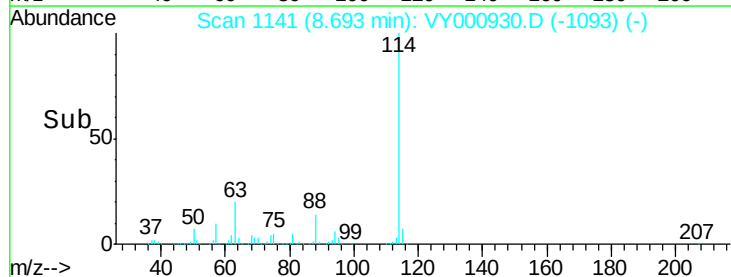
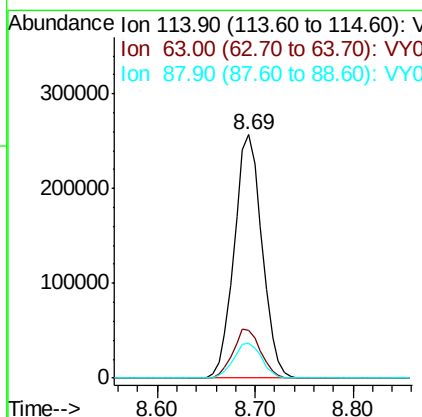
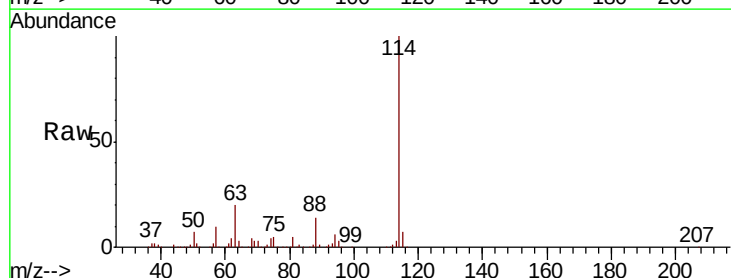
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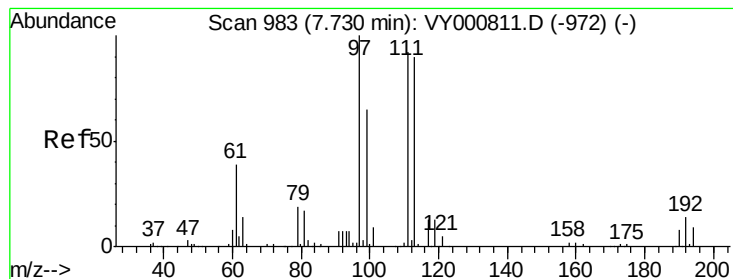
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: VY000930.D
 Acq: 12 Dec 2019 13:26

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	506528		
63	19.7	0.0	39.8	
88	14.4	0.0	33.2	





#35

Dibromofluoromethane

Concen: 52.477 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.01 min

Lab File: VY000930.D

Acq: 12 Dec 2019 13:26

Instrument :

MSVOA_Y

ClientSampleId :

VY1212SBS01

Tot Ion:113 Resp: 154915

Ion Ratio Lower Upper

113 100

111 103.5 82.4 123.6

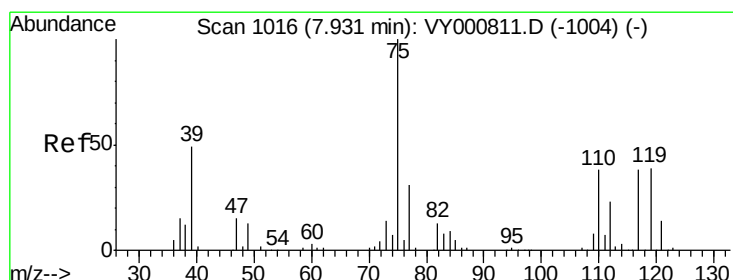
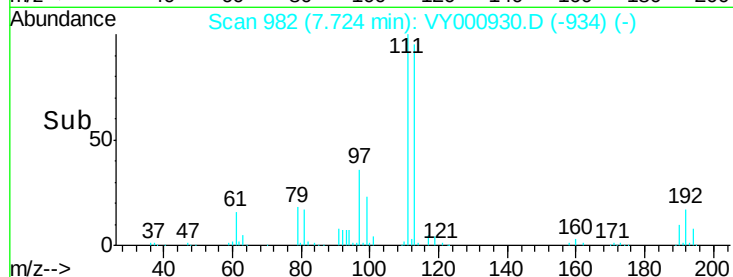
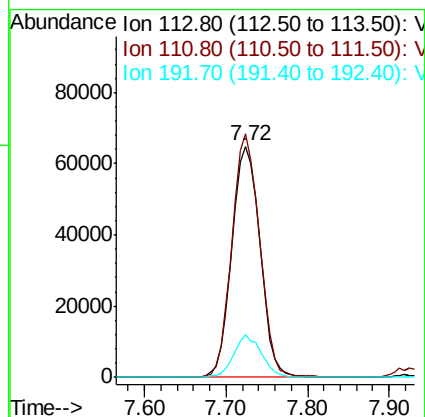
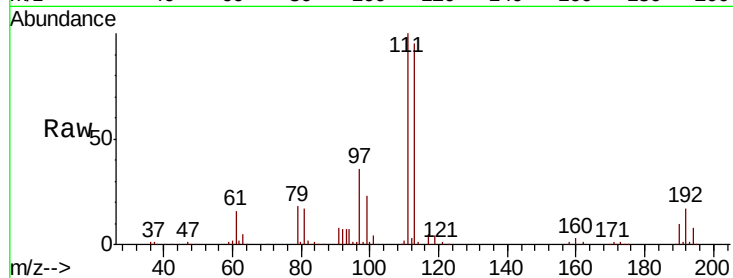
192 17.8 14.2 21.2

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#36

1,1-Dichloropropene

Concen: 19.920 ug/l

RT: 7.93 min Scan# 1015

Delta R.T. -0.01 min

Lab File: VY000930.D

Acq: 12 Dec 2019 13:26

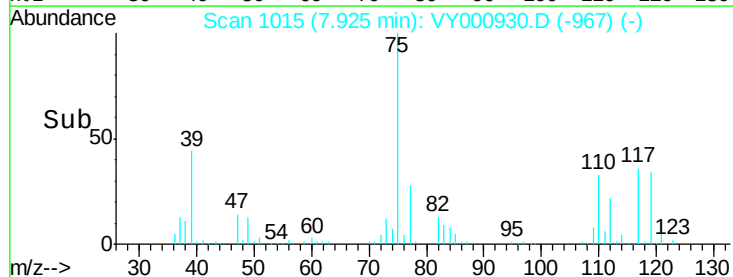
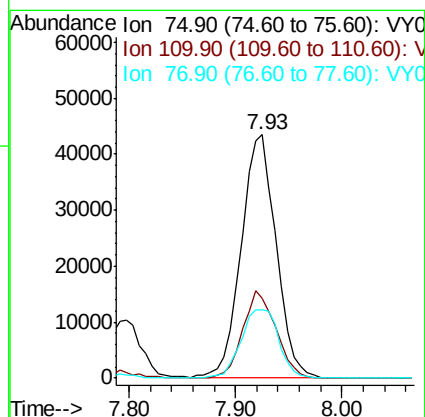
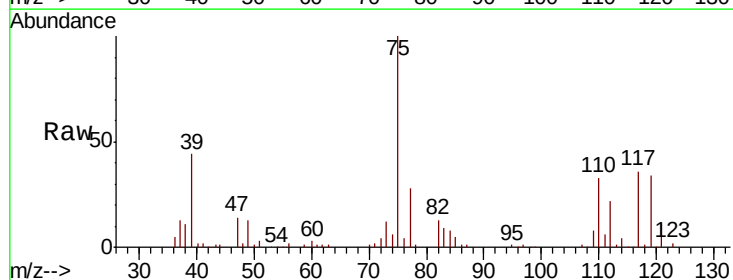
Tgt Ion: 75 Resp: 100327

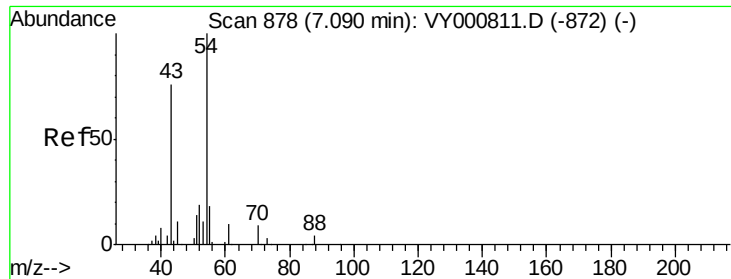
Ion Ratio Lower Upper

75 100

110 34.3 17.9 53.7

77 30.7 24.7 37.1





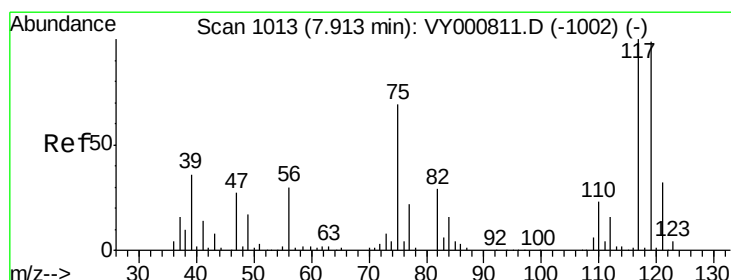
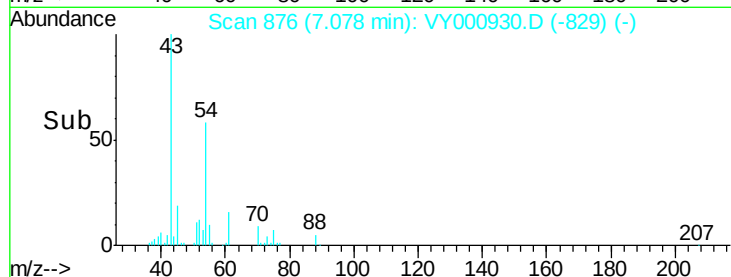
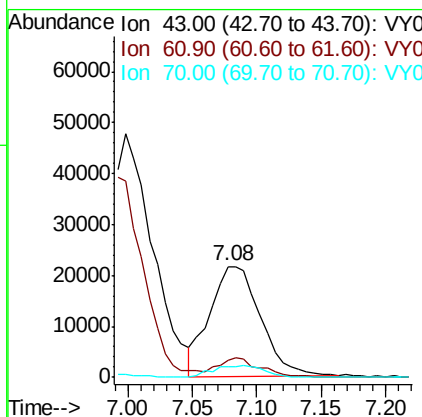
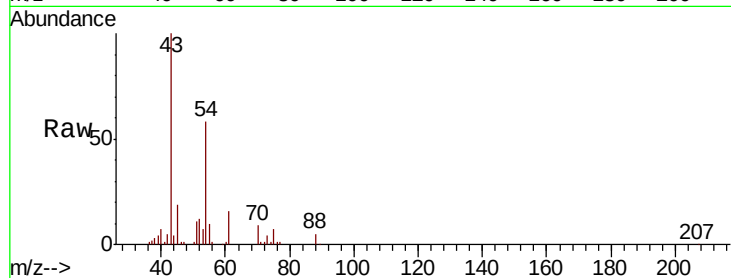
#37
Ethyl Acetate
Concen: 20.413 ug/l
RT: 7.08 min Scan# 876
Delta R.T. -0.01 min
Lab File: VY000930.D
Acq: 12 Dec 2019 13:26

Instrument :
MSVOA_Y
ClientSampleId :
VY1212SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.5	11.8	17.8
70	11.1	8.7	13.1

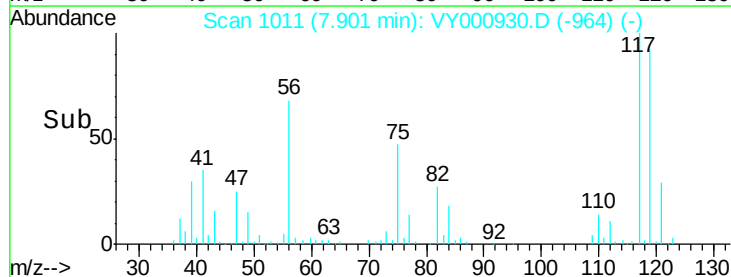
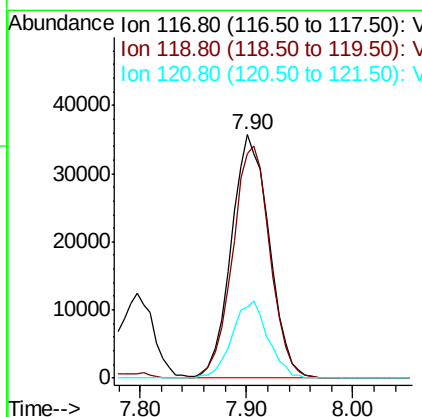
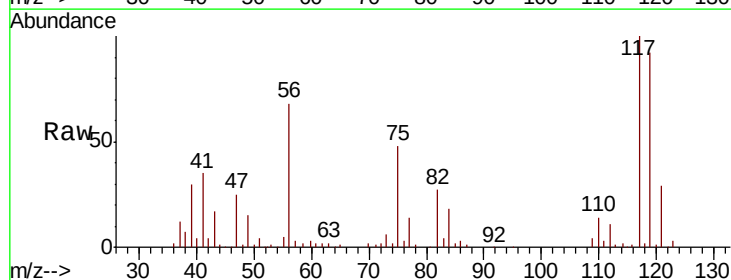
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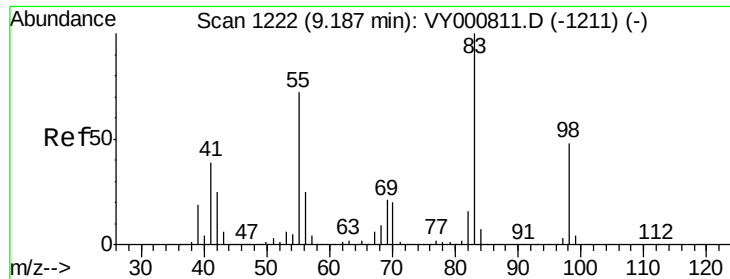
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#38
Carbon Tetrachloride
Concen: 19.888 ug/l
RT: 7.90 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VY000930.D
Acq: 12 Dec 2019 13:26

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.0	79.3	118.9
121	29.2	25.5	38.3





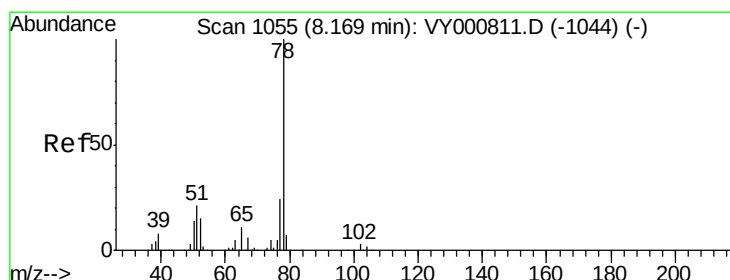
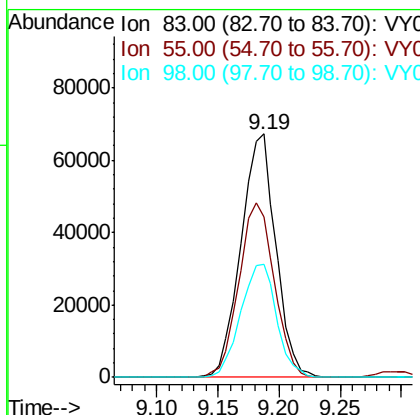
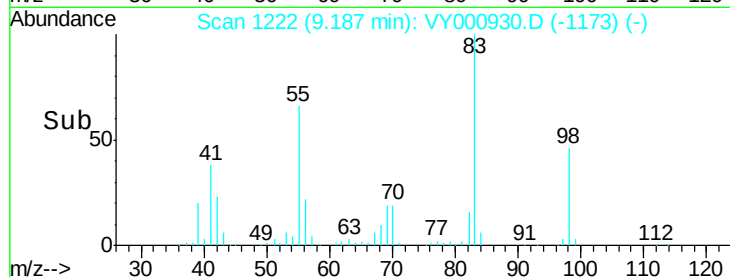
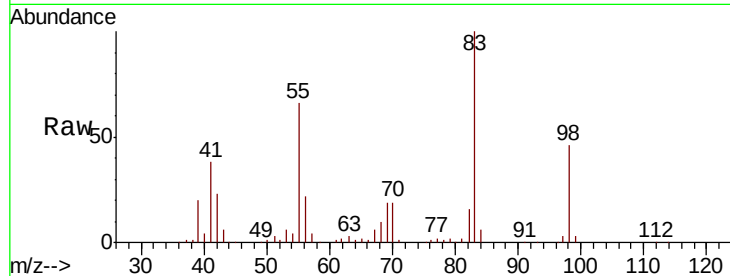
#39
Methylvlcyclohexane
Concen: 20.015 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY000930.D
Acq: 12 Dec 2019 13:26

Instrument :
MSVOA_Y
ClientSampleId :
VY1212SBS01

Tot Ion	83.00	Resp	133553
Ion Ratio	Lower	Upper	
83	100		
55	66.2	57.8	86.6
98	46.4	38.6	58.0

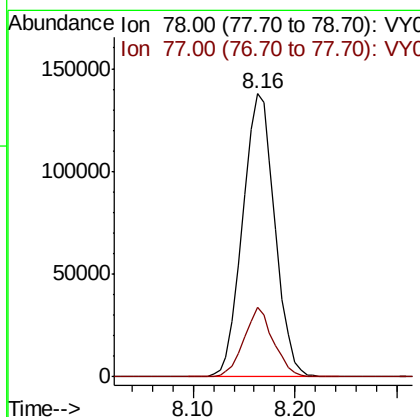
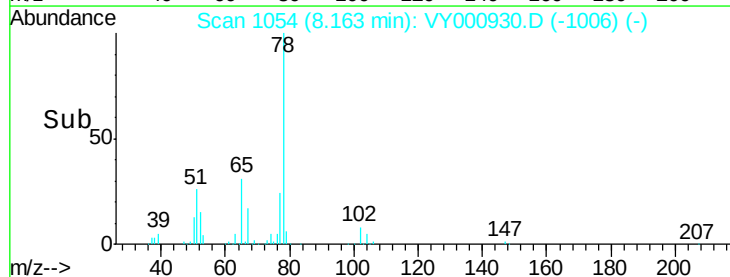
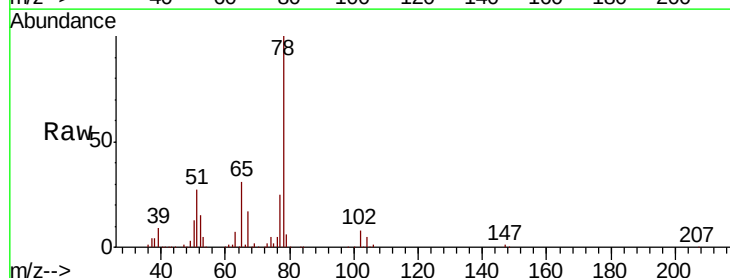
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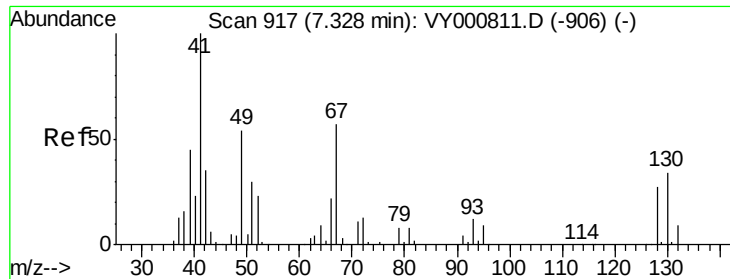
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#40
Benzene
Concen: 20.585 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.01 min
Lab File: VY000930.D
Acq: 12 Dec 2019 13:26

Tgt Ion	78.00	Resp	301989
Ion Ratio	Lower	Upper	
78	100		
77	24.5	19.2	28.8





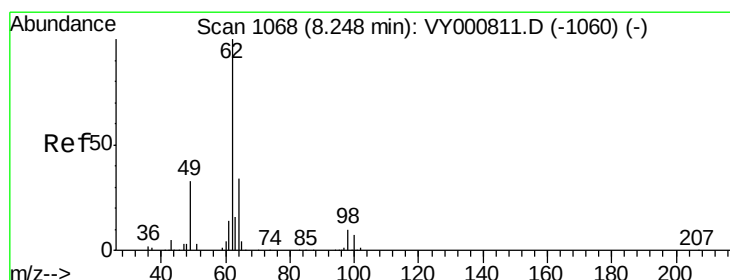
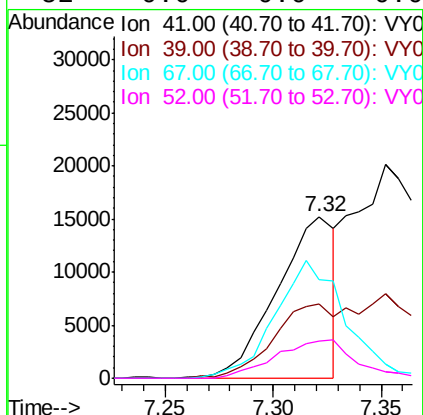
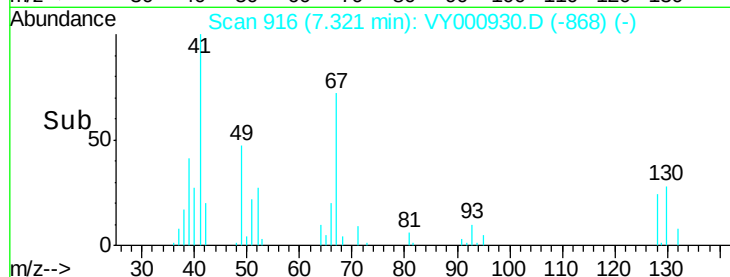
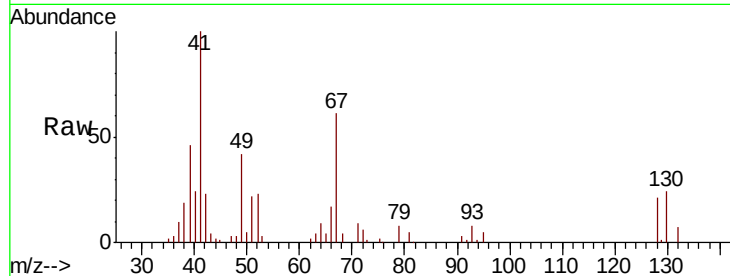
#41
Methacrylonitrile
Concen: 18.612 ug/l m
RT: 7.32 min Scan# 916
Delta R.T. -0.01 min
Lab File: VY000930.D
Acq: 12 Dec 2019 13:26

Instrument :
MSVOA_Y
ClientSampleId :
VY1212SBSD01

Tot Ion	41	Resp	28527
Ion Ratio	Lower	Upper	
41	100		
39	0.0	95.7	143.5#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

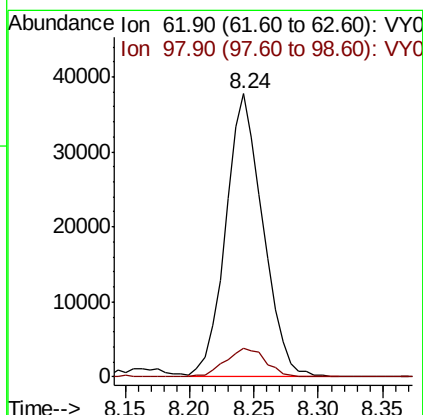
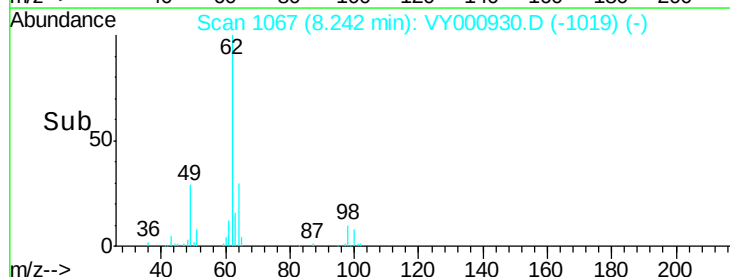
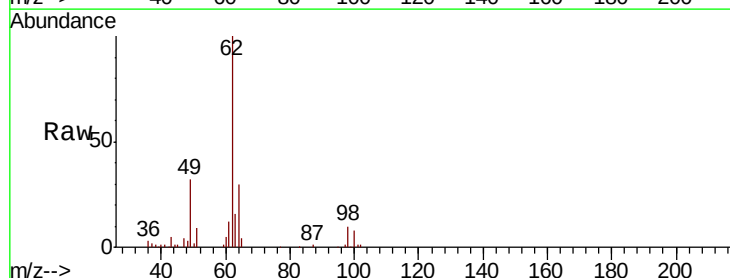
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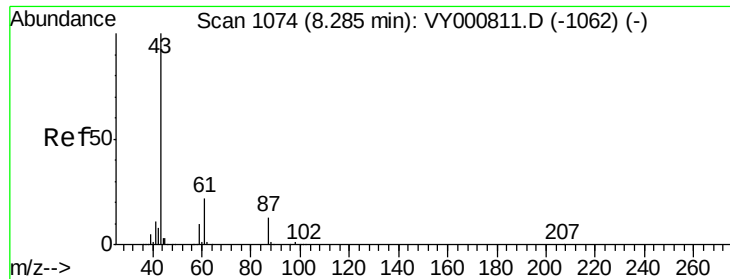
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#42
1,2-Dichloroethane
Concen: 19.704 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.01 min
Lab File: VY000930.D
Acq: 12 Dec 2019 13:26

Tgt Ion	62	Resp	76019
Ion Ratio	Lower	Upper	
62	100		
98	11.1	0.0	21.4





#43

Isopropyl Acetate

Concen: 20.045 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. -0.01 min

Lab File: VY000930.D

Acq: 12 Dec 2019 13:26

Instrument :

MSVOA_Y

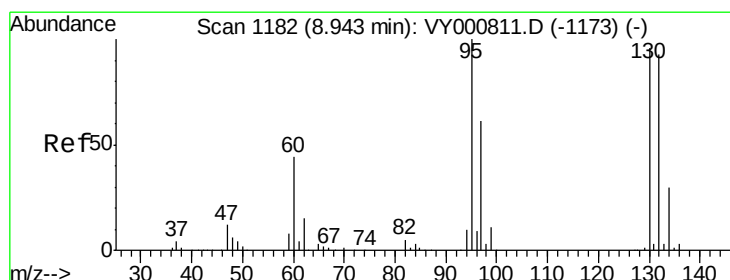
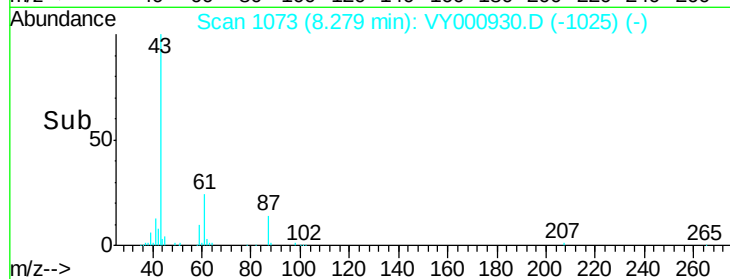
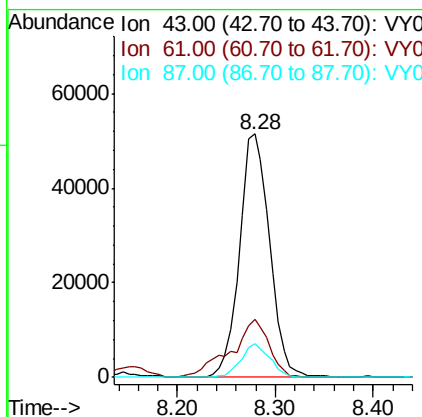
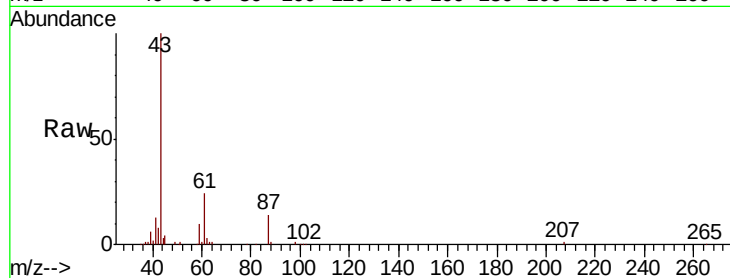
ClientSampleId :

VY1212SBS01

Tot Ion:	43	Resp:	109850
Ion	Ratio	Lower	Upper
43	100		
61	30.2	23.7	35.5
87	13.2	10.6	15.8

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#44

Trichloroethene

Concen: 20.832 ug/l

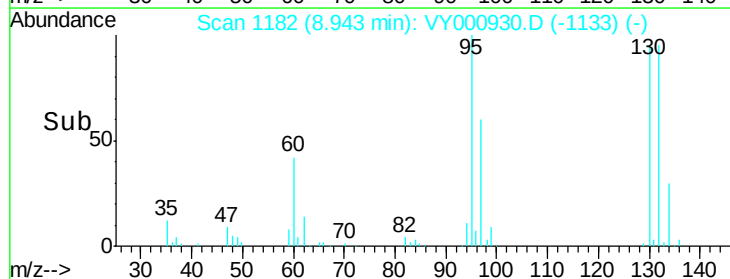
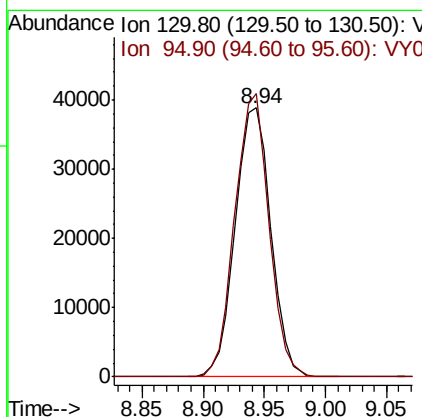
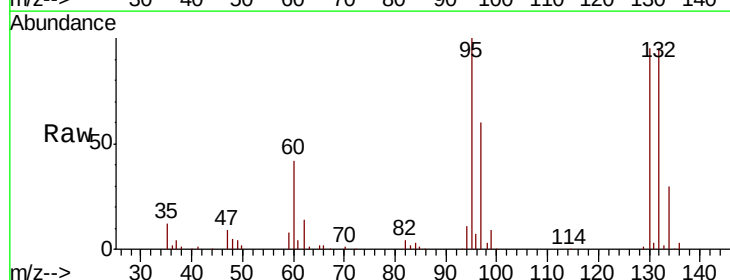
RT: 8.94 min Scan# 1182

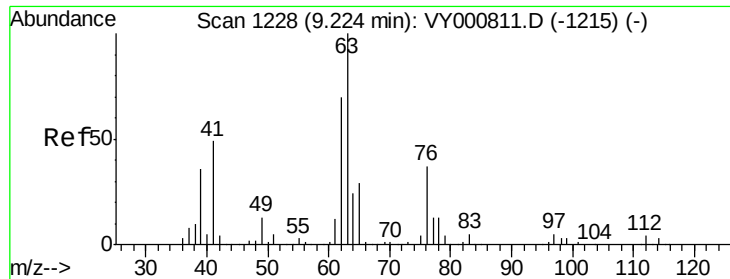
Delta R.T. -0.00 min

Lab File: VY000930.D

Acq: 12 Dec 2019 13:26

Tgt Ion:	130	Resp:	78541
Ion	Ratio	Lower	Upper
130	100		
95	105.1	0.0	207.8





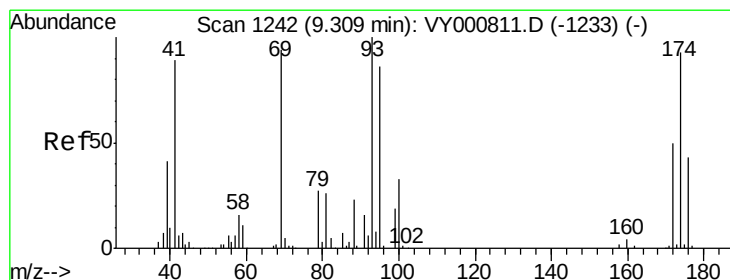
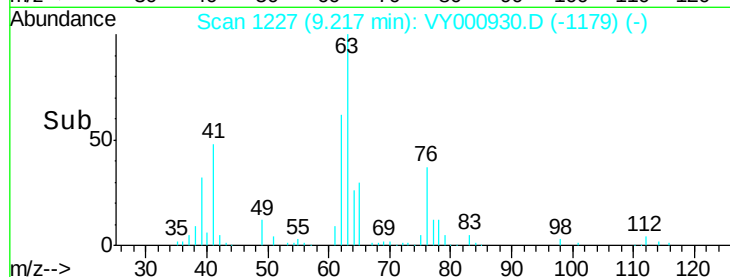
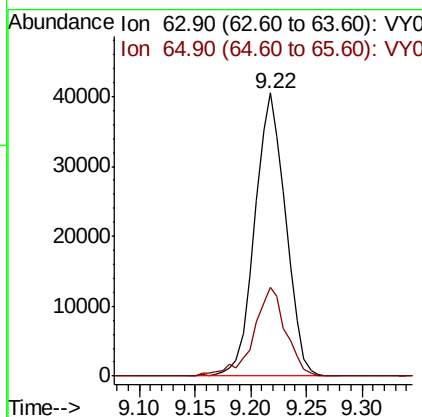
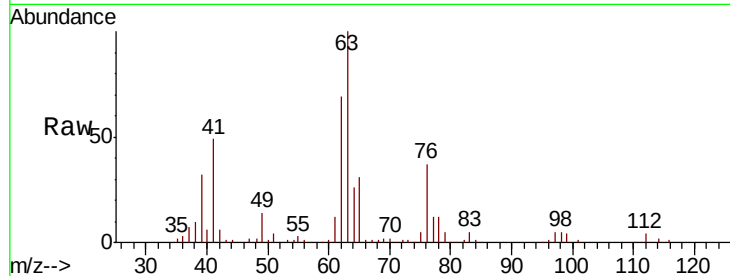
#45
 1,2-Dichloropropane
 Concen: 21.209 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. -0.01 min
 Lab File: VY000930.D
 Acq: 12 Dec 2019 13:26

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1212SBS01

Tot Ion: 63 Resp: 78155
 Ion Ratio Lower Upper
 63 100
 65 31.2 23.2 34.8

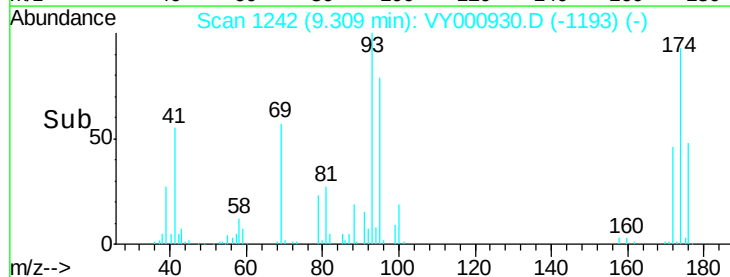
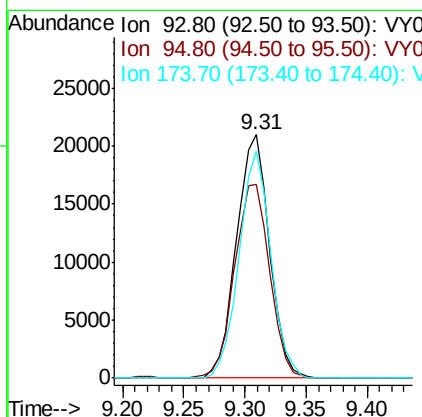
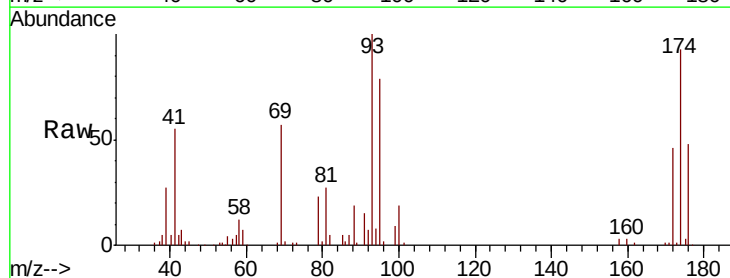
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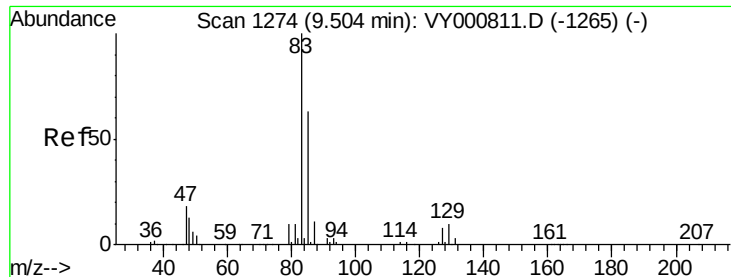
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#46
 Dibromomethane
 Concen: 20.414 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.00 min
 Lab File: VY000930.D
 Acq: 12 Dec 2019 13:26

Tgt Ion: 93 Resp: 39304
 Ion Ratio Lower Upper
 93 100
 95 84.2 66.4 99.6
 174 89.5 73.0 109.6





#47

Bromodichloromethane

Concen: 20.326 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.01 min

Lab File: VY000930.D

Acq: 12 Dec 2019 13:26

Instrument :

MSVOA_Y

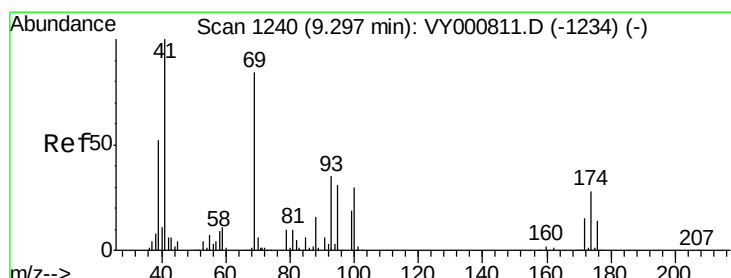
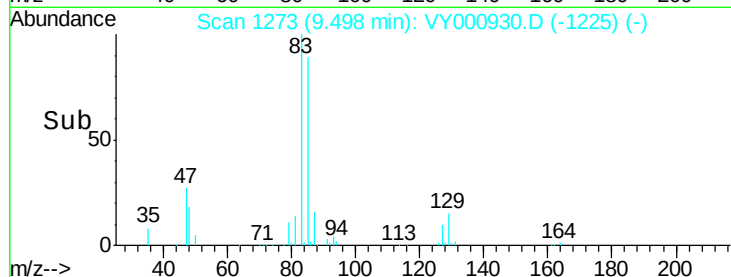
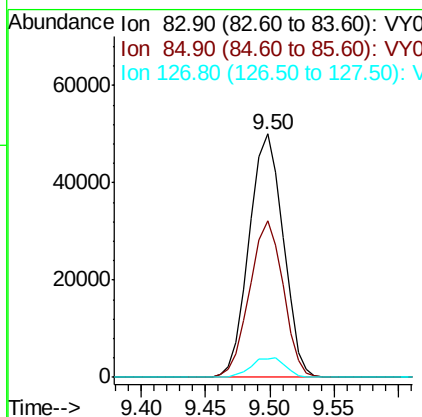
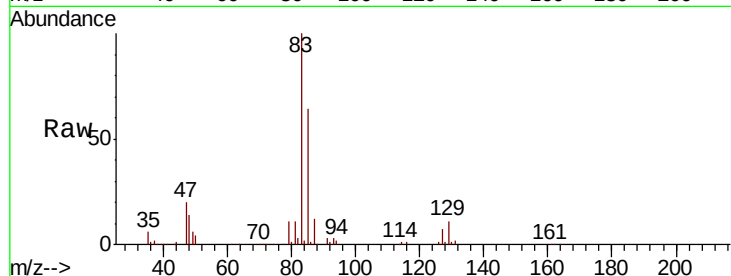
ClientSampleId :

VY1212SBS01

Tot Ion:	83	Resp:	91934
Ion	Ratio	Lower	Upper
83	100		
85	64.1	50.8	76.2
127	7.4	6.6	10.0

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#48

Methyl methacrylate

Concen: 20.572 ug/l

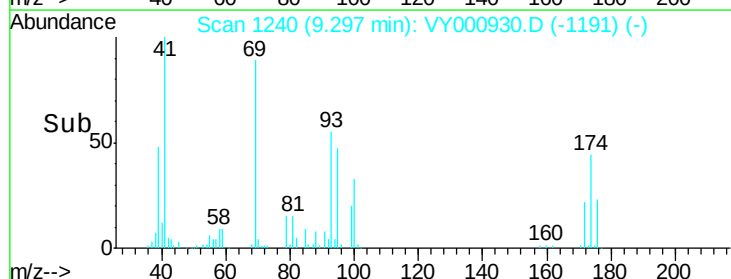
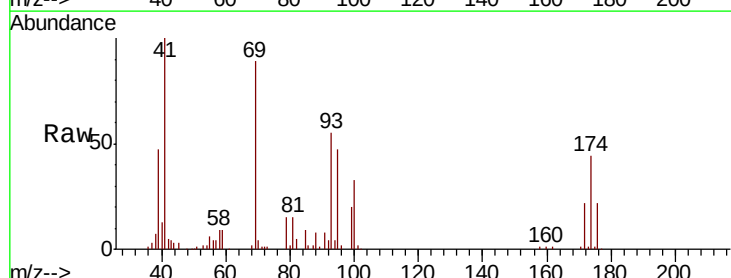
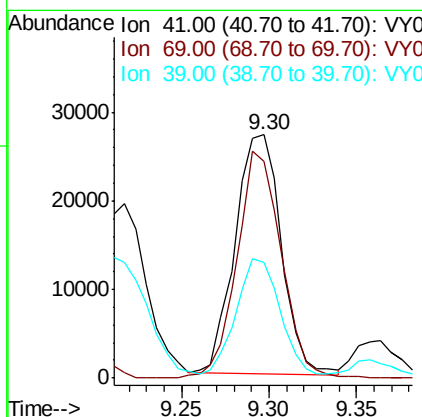
RT: 9.30 min Scan# 1240

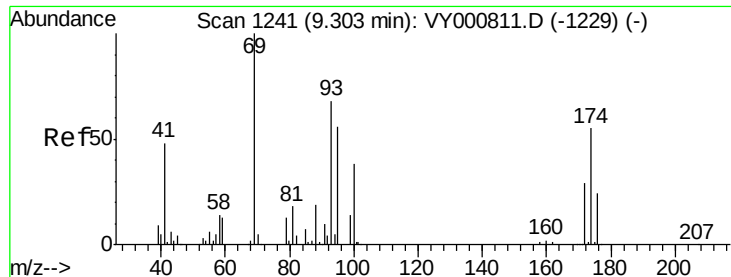
Delta R.T. -0.00 min

Lab File: VY000930.D

Acq: 12 Dec 2019 13:26

Tgt Ion:	41	Resp:	49576
Ion	Ratio	Lower	Upper
41	100		
69	91.2	70.4	105.6
39	48.8	40.9	61.3





#49

1,4-Dioxane

Concen: 419.641 ug/l

RT: 9.30 min Scan# 1241

Delta R.T. -0.00 min

Lab File: VY000930.D

Acq: 12 Dec 2019 13:26

Instrument :

MSVOA_Y

ClientSampleId :

VY1212SBS01

Tot Ion: 88 Resp: 11448

Ion Ratio Lower Upper

88 100

43 0.0 21.1 31.7#

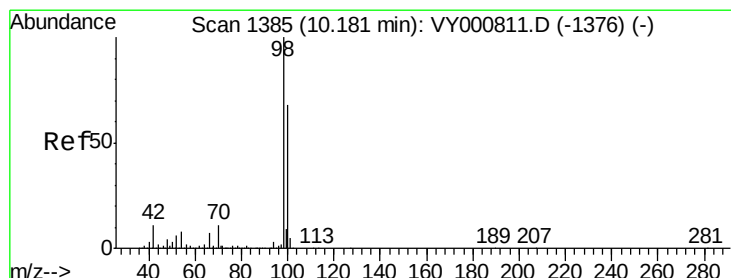
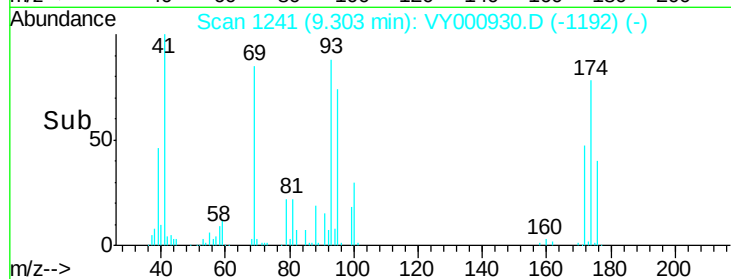
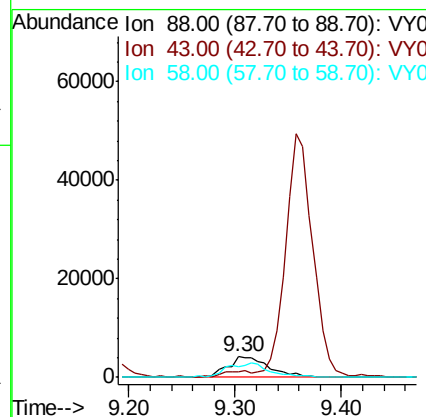
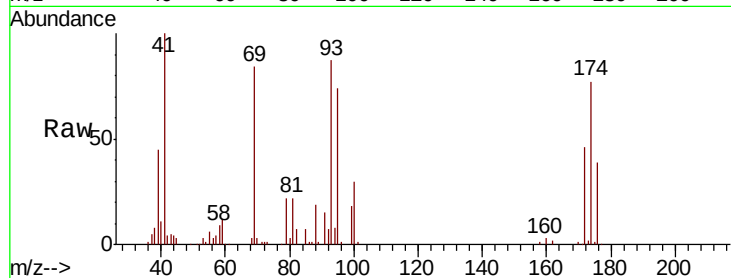
58 73.0 50.7 76.1

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#50

Toluene-d8

Concen: 54.125 ug/l

RT: 10.17 min Scan# 1384

Delta R.T. -0.01 min

Lab File: VY000930.D

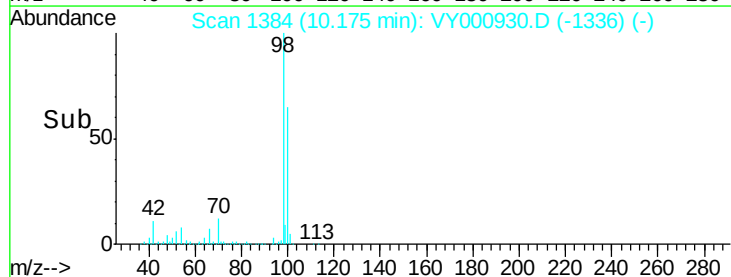
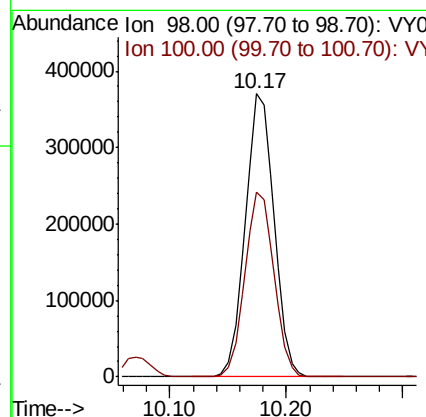
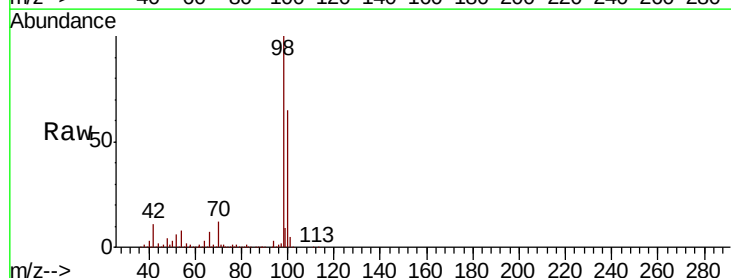
Acq: 12 Dec 2019 13:26

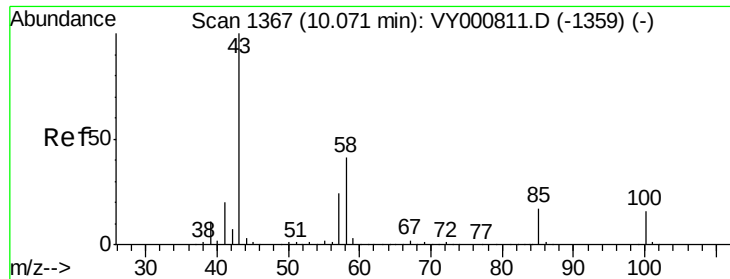
Tgt Ion: 98 Resp: 638789

Ion Ratio Lower Upper

98 100

100 65.9 53.1 79.7





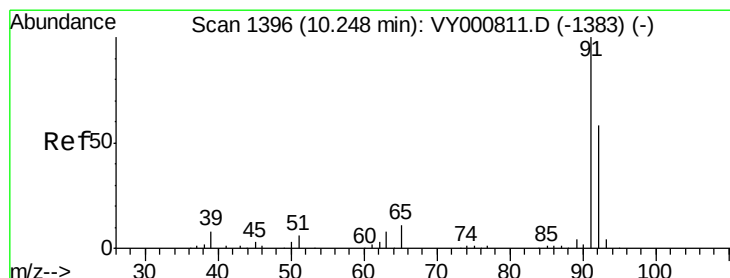
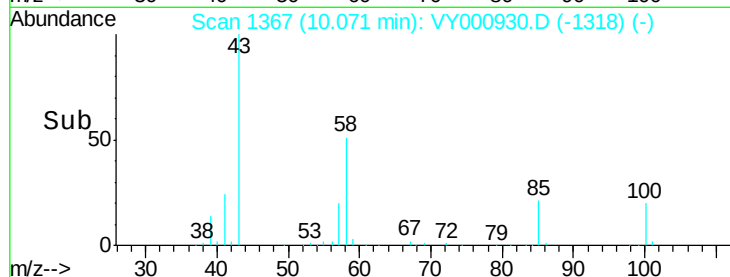
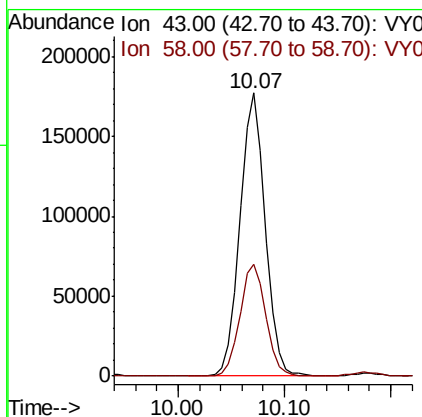
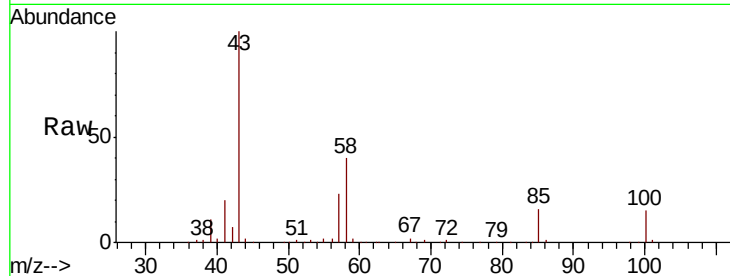
#51
4-Methyl-2-Pentanone
Concen: 104.605 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VY000930.D
Acq: 12 Dec 2019 13:26

Instrument :
MSVOA_Y
ClientSampleId :
VY1212SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	40.4	33.1	49.7

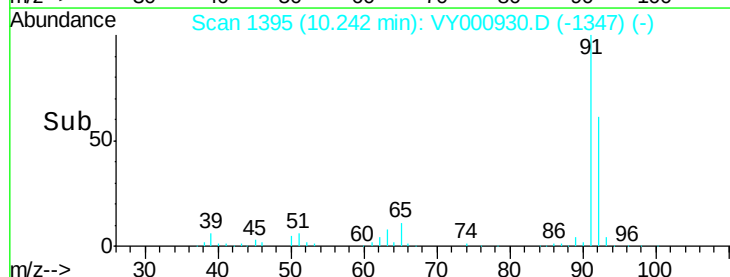
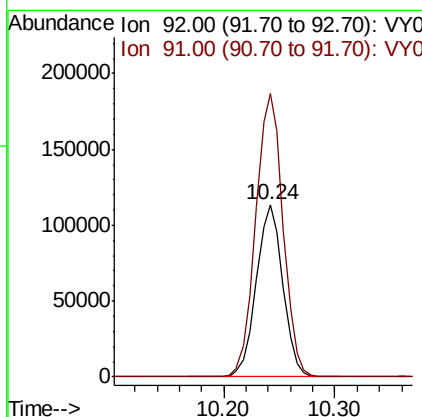
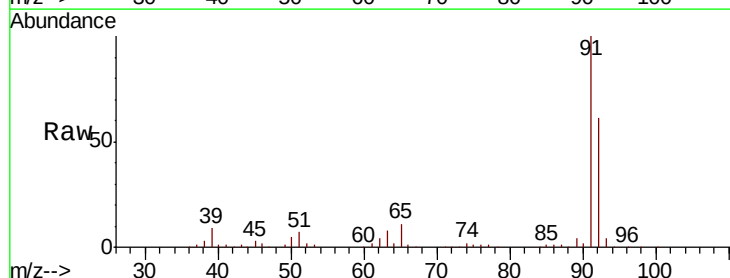
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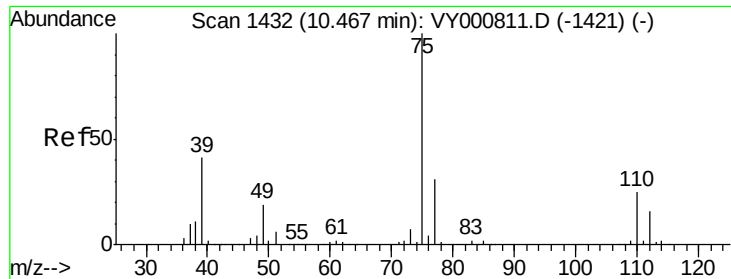
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#52
Toluene
Concen: 20.763 ug/l
RT: 10.24 min Scan# 1395
Delta R.T. -0.01 min
Lab File: VY000930.D
Acq: 12 Dec 2019 13:26

Tgt Ion	Ratio	Lower	Upper
92	100		
91	168.9	136.6	204.8





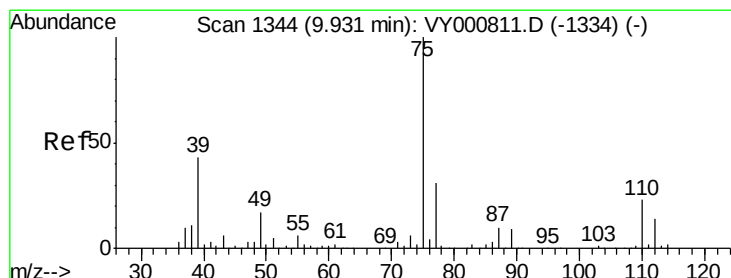
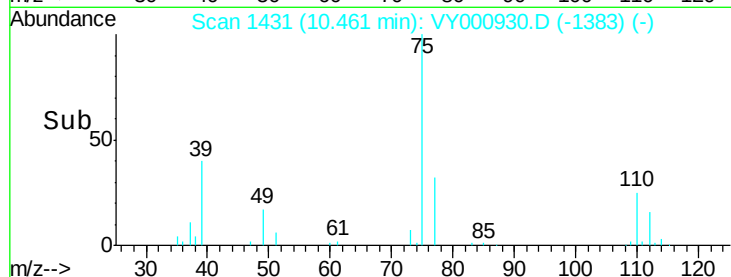
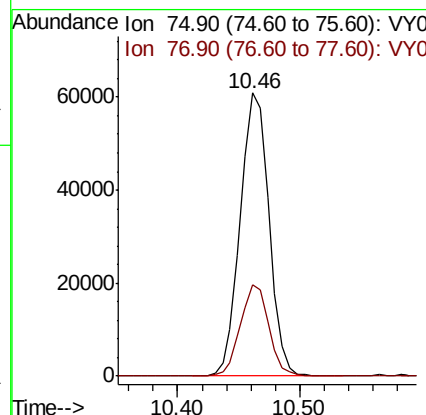
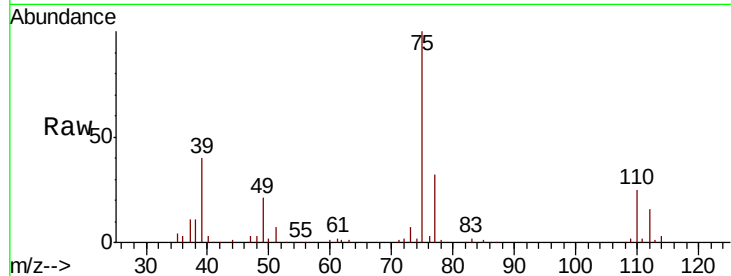
#53
 t-1,3-Dichloropropene
 Concen: 20.398 ug/l
 RT: 10.46 min Scan# 1431
 Delta R.T. -0.01 min
 Lab File: VY000930.D
 Acq: 12 Dec 2019 13:26

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1212SBS01

Tot Ion: 75 Resp: 99120
 Ion Ratio Lower Upper
 75 100
 77 32.3 25.1 37.7

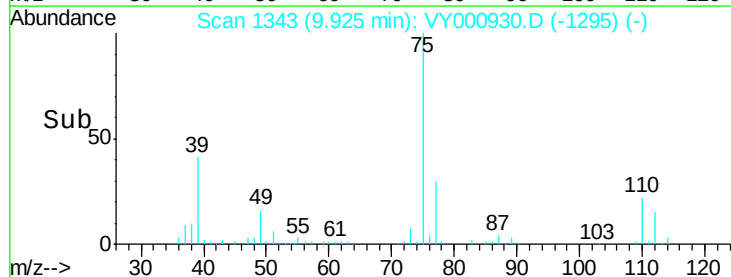
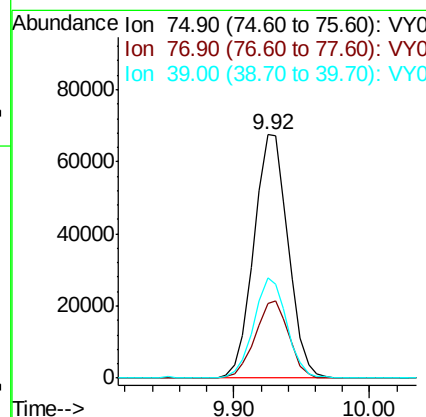
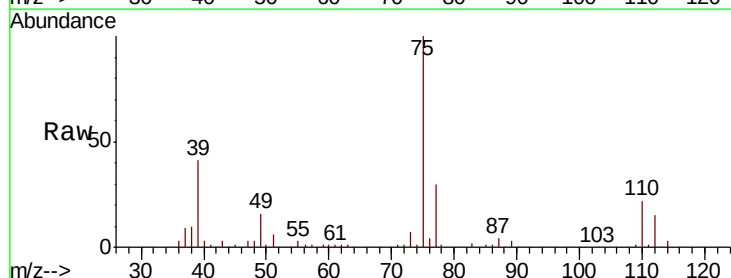
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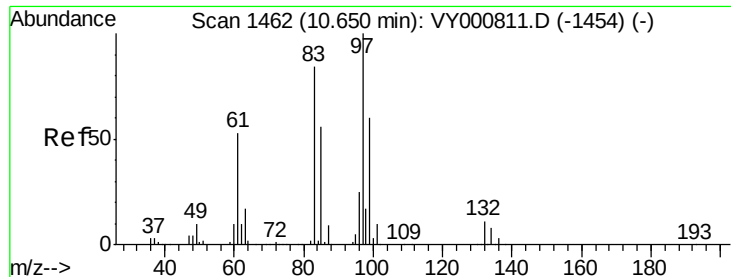
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#54
 cis-1,3-Dichloropropene
 Concen: 20.841 ug/l
 RT: 9.92 min Scan# 1343
 Delta R.T. -0.01 min
 Lab File: VY000930.D
 Acq: 12 Dec 2019 13:26

Tgt Ion: 75 Resp: 119706
 Ion Ratio Lower Upper
 75 100
 77 30.5 24.7 37.1
 39 41.1 34.5 51.7





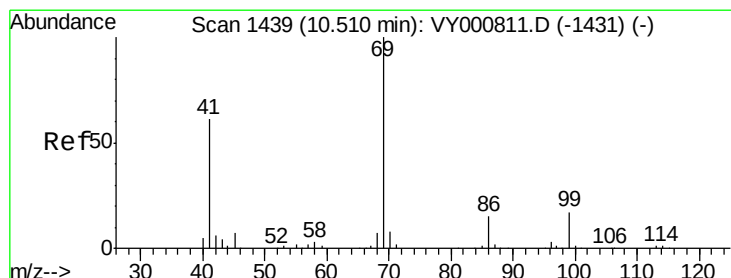
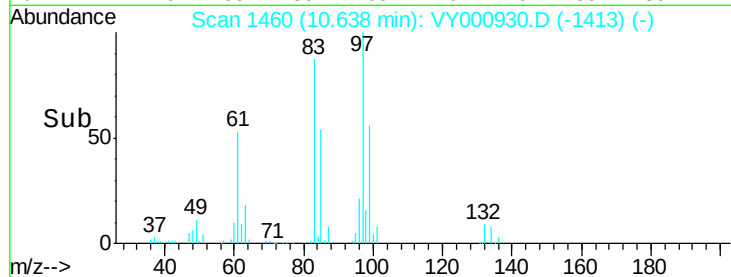
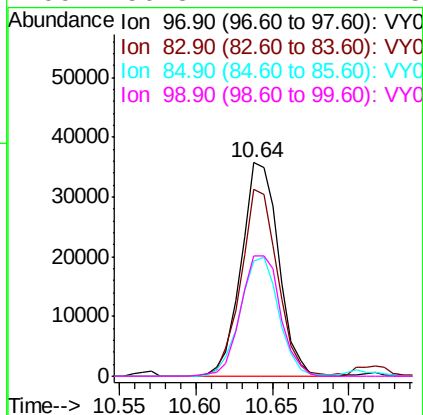
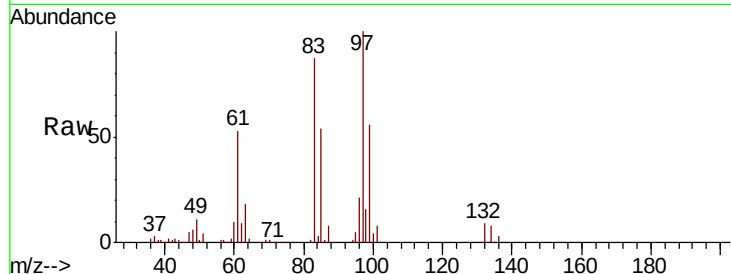
#55
 1,1,2-Trichloroethane
 Concen: 21.333 ug/l
 RT: 10.64 min Scan# 1460
 Delta R.T. -0.01 min
 Lab File: VY000930.D
 Acq: 12 Dec 2019 13:26

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1212SBS01

Tot Ion	Ratio	Lower	Upper
97	100		
83	87.4	67.5	101.3
85	53.8	44.5	66.7
99	56.3	47.7	71.5

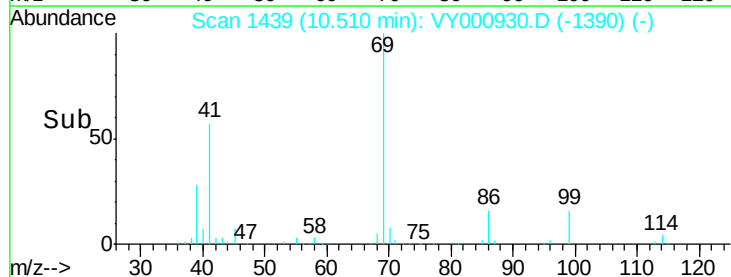
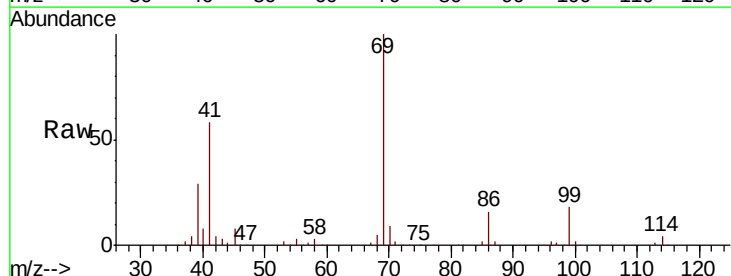
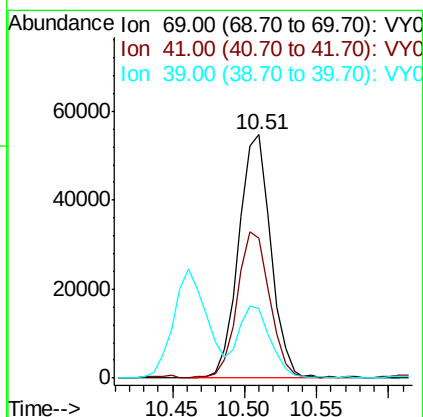
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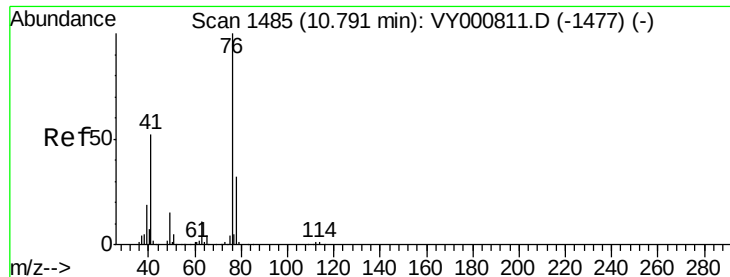
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#56
 Ethyl methacrylate
 Concen: 20.845 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: VY000930.D
 Acq: 12 Dec 2019 13:26

Tgt Ion	Ratio	Lower	Upper
69	100		
41	60.1	49.0	73.6
39	29.8	23.1	34.7





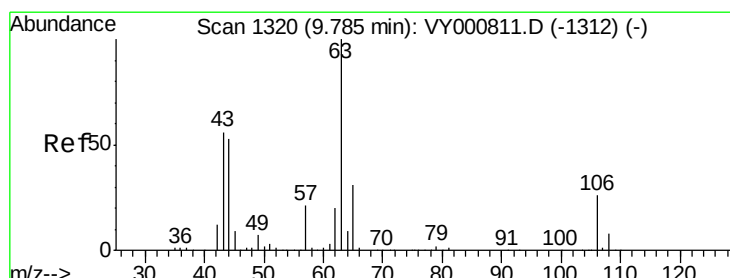
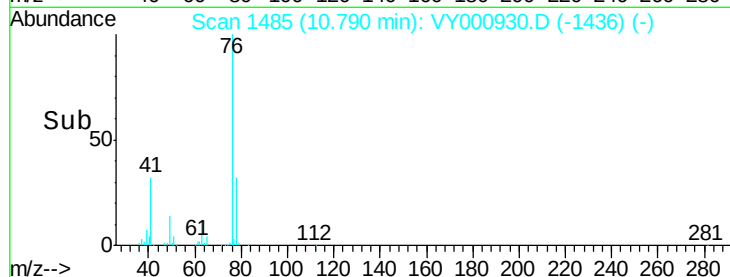
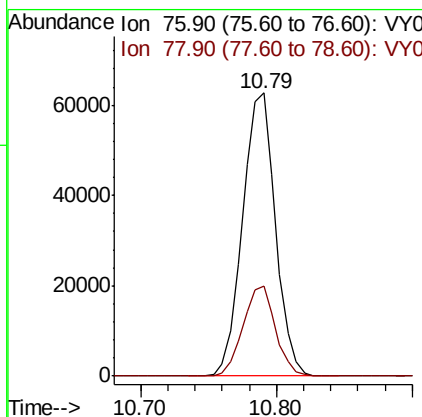
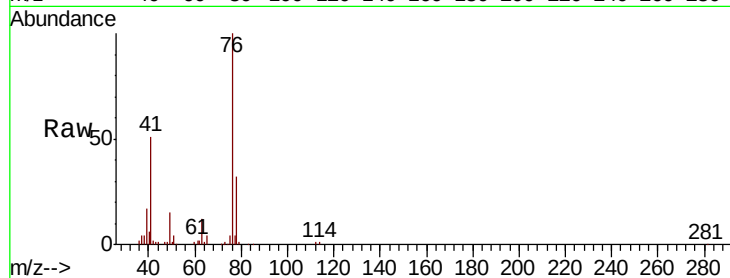
#57
 1,3-Dichloropropane
 Concen: 21.339 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. -0.00 min
 Lab File: VY000930.D
 Acq: 12 Dec 2019 13:26

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1212SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	31.5	26.4	39.6

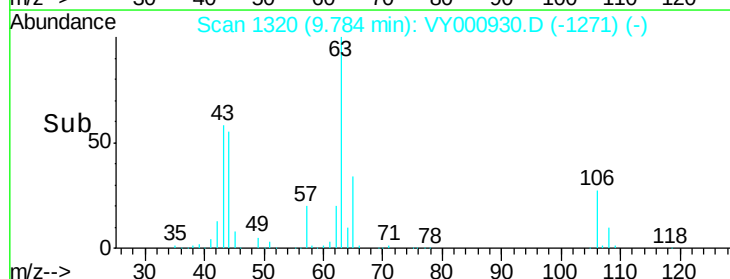
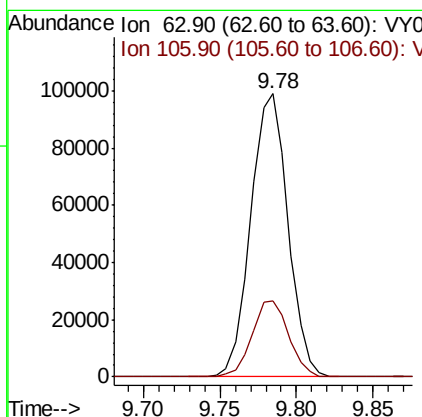
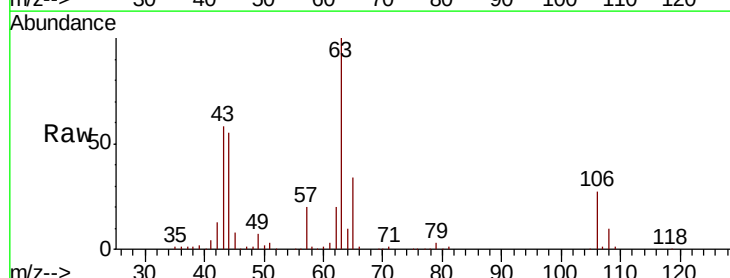
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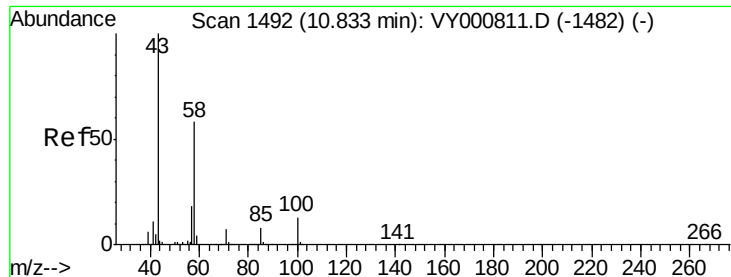
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#58
 2-Chloroethyl Vinyl ether
 Concen: 102.051 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. -0.00 min
 Lab File: VY000930.D
 Acq: 12 Dec 2019 13:26

Tgt Ion	Ratio	Lower	Upper
63	100		
106	26.6	21.5	32.3





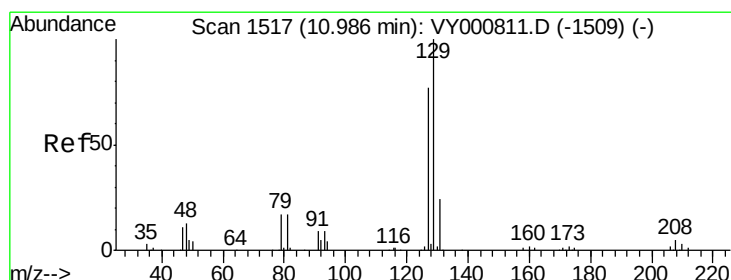
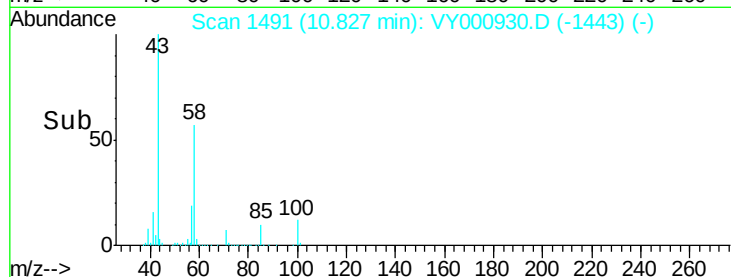
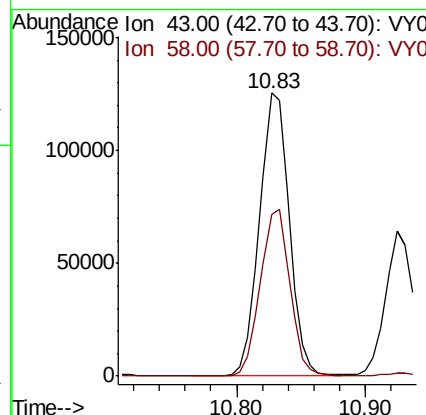
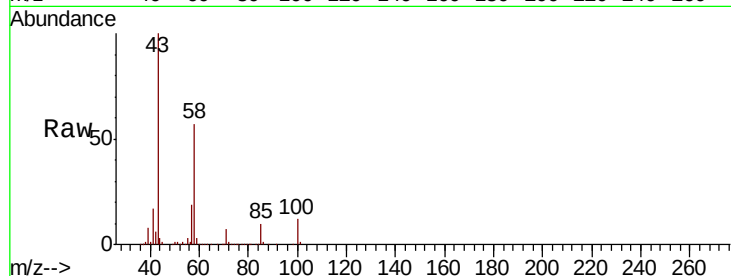
#59
2-Hexanone
Concen: 97.365 ug/l
RT: 10.83 min Scan# 1491
Delta R.T. -0.01 min
Lab File: VY000930.D
Acq: 12 Dec 2019 13:26

Instrument :
MSVOA_Y
ClientSampleId :
VY1212SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	58.5	29.0	87.1

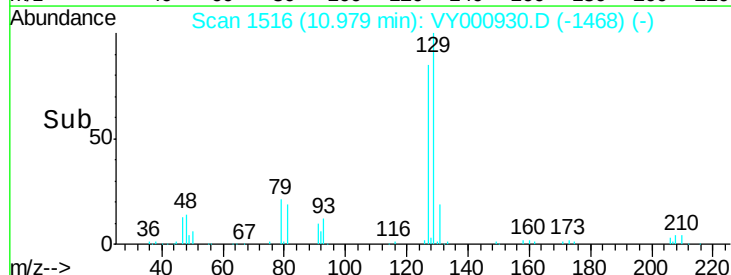
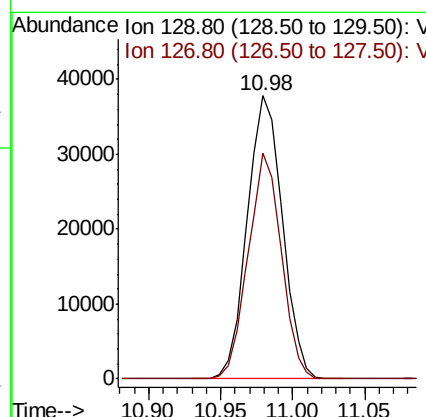
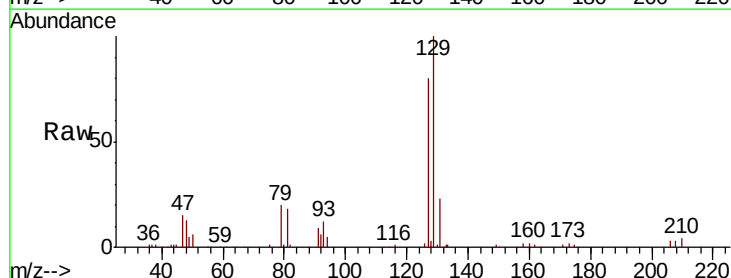
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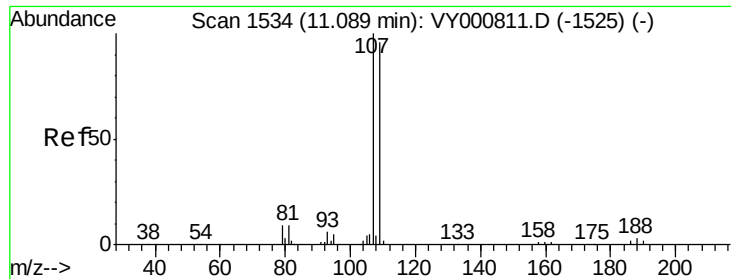
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#60
Dibromochloromethane
Concen: 20.818 ug/l
RT: 10.98 min Scan# 1516
Delta R.T. -0.01 min
Lab File: VY000930.D
Acq: 12 Dec 2019 13:26

Tgt Ion	Ratio	Lower	Upper
129	100		
127	75.4	39.1	117.2





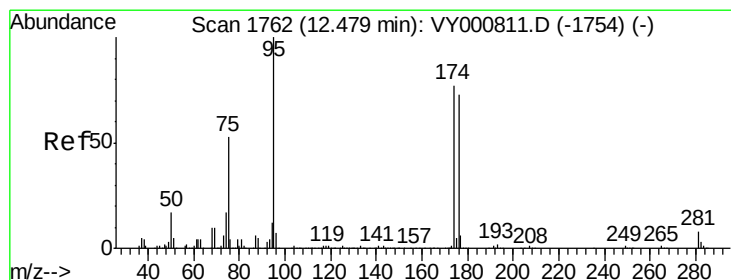
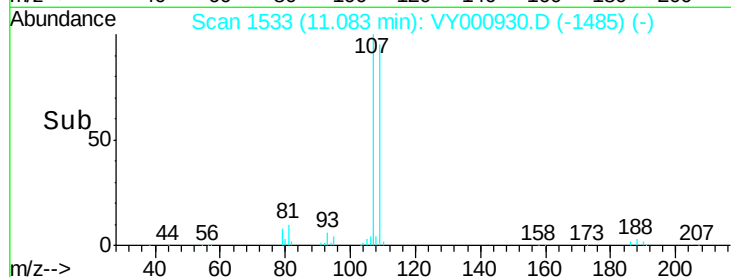
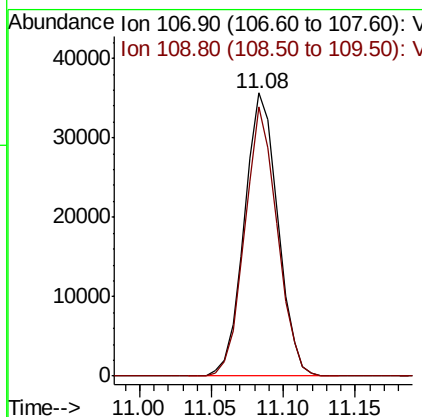
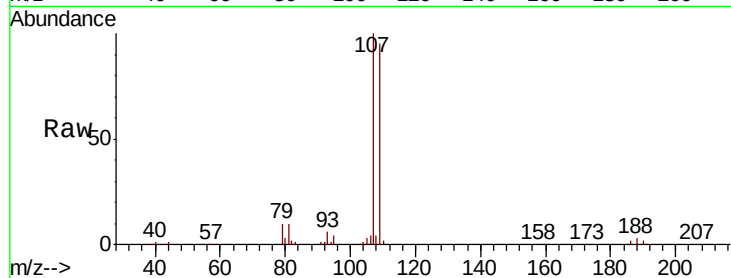
#61
 1,2-Dibromoethane
 Concen: 21.389 ug/l
 RT: 11.08 min Scan# 1533
 Delta R.T. -0.01 min
 Lab File: VY000930.D
 Acq: 12 Dec 2019 13:26

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1212SBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	91.9	75.9	113.9

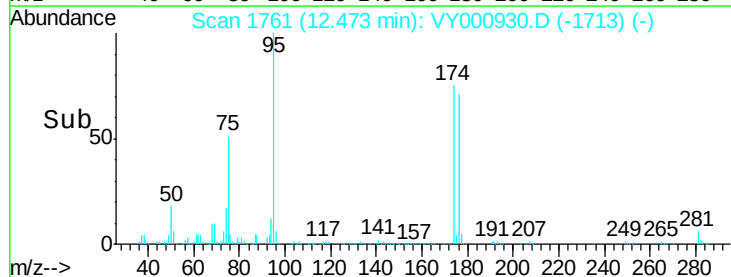
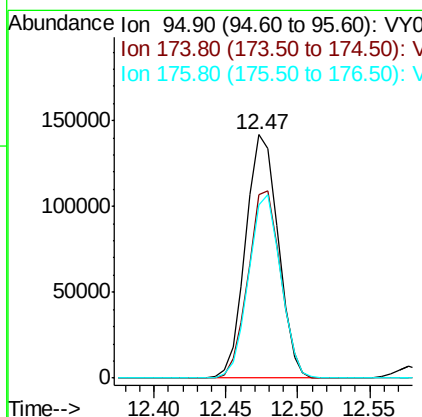
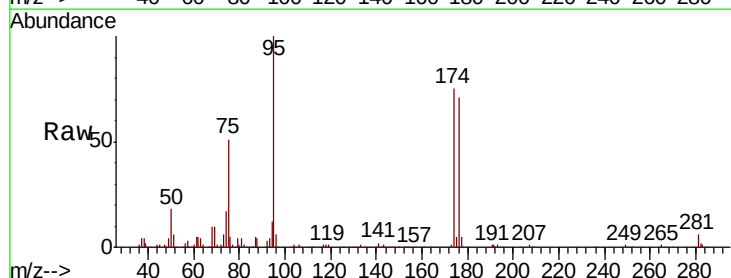
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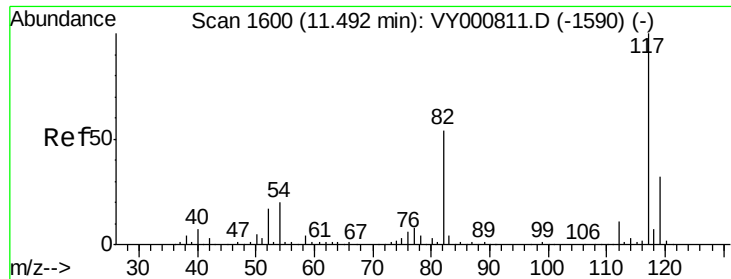
apatel
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#62
 4-Bromofluorobenzene
 Concen: 50.037 ug/l
 RT: 12.47 min Scan# 1761
 Delta R.T. -0.01 min
 Lab File: VY000930.D
 Acq: 12 Dec 2019 13:26

Tgt Ion	Ratio	Lower	Upper
95	100		
174	76.6	0.0	150.6
176	74.0	0.0	145.2





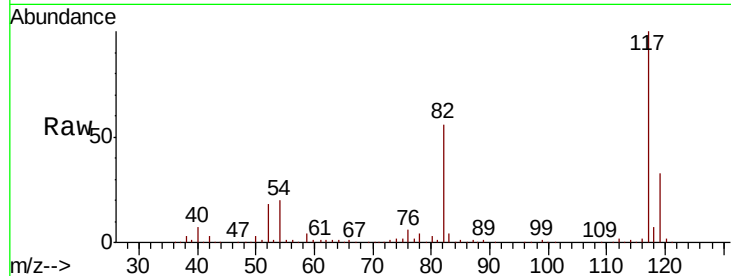
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VY000930.D
Acq: 12 Dec 2019 13:26

Instrument :
MSVOA_Y
ClientSampleId :
VY1212SBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.9	43.1	64.7
119	33.1	25.3	37.9

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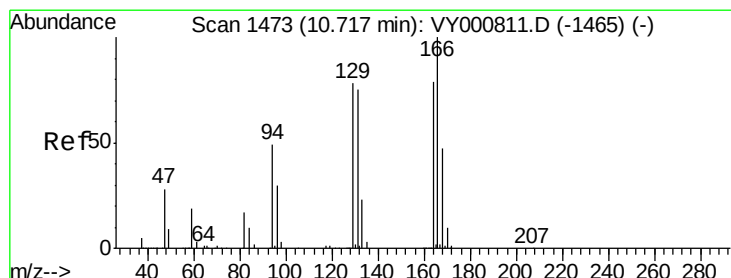
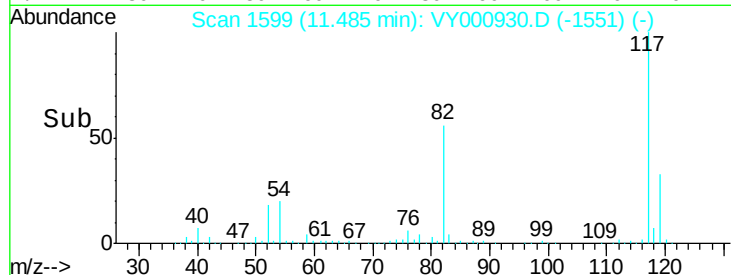
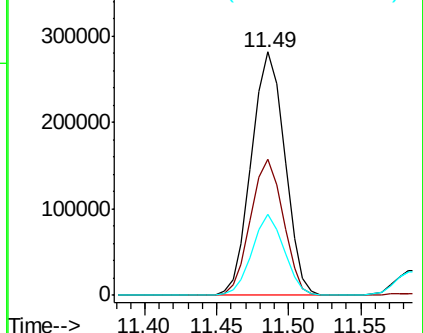


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VY0

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 21.515 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY000930.D
Acq: 12 Dec 2019 13:26

Tgt Ion	Ratio	Lower	Upper
164	100		
166	124.3	101.8	152.8
129	86.6	79.3	118.9
131	92.7	76.4	114.6

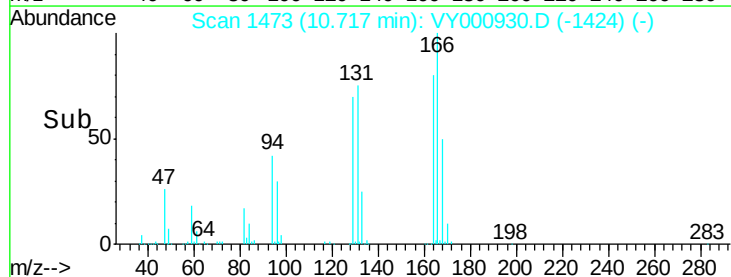
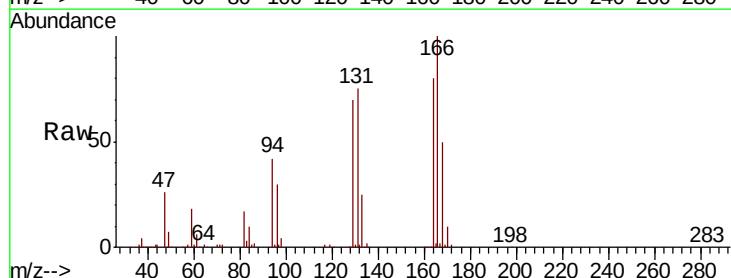
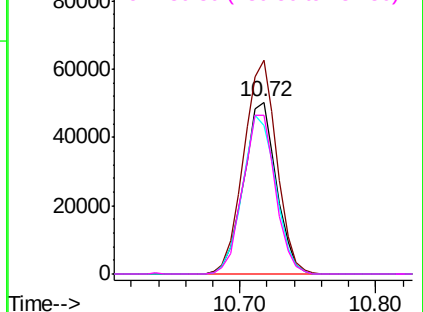
Abundance

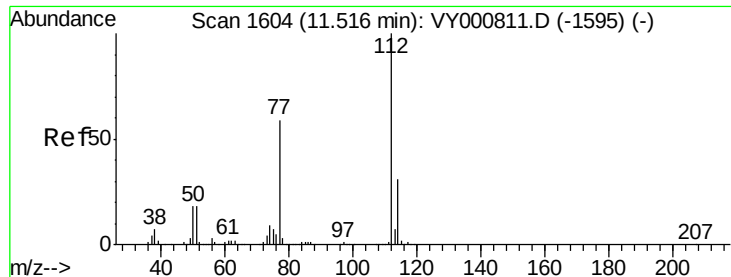
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





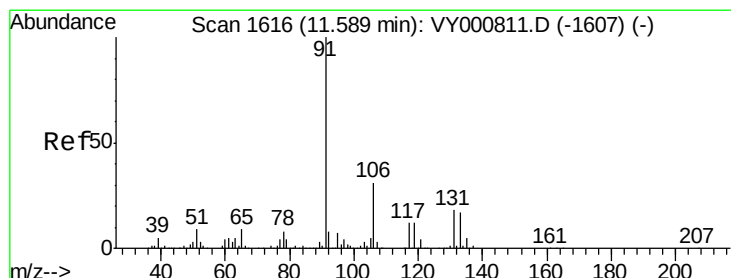
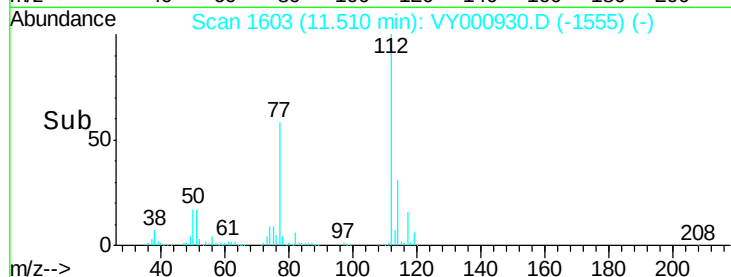
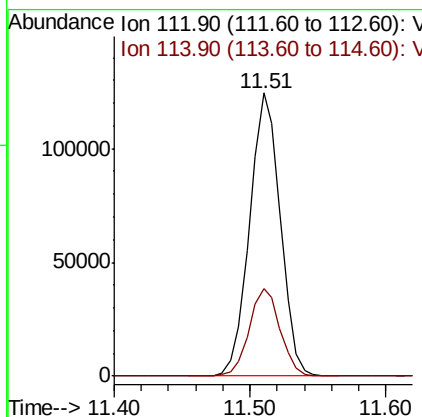
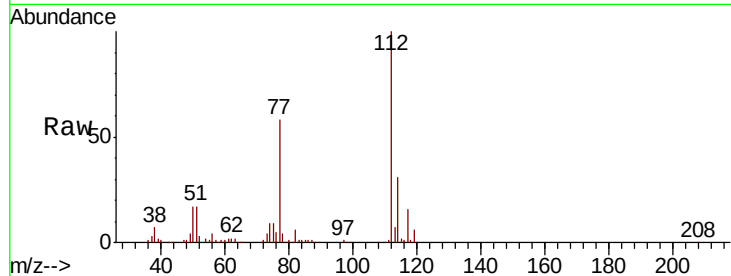
#65
Chlorobenzene
Concen: 20.946 ug/l
RT: 11.51 min Scan# 1603
Delta R.T. -0.01 min
Lab File: VY000930.D
Acq: 12 Dec 2019 13:26

Instrument :
MSVOA_Y
ClientSampleId :
VY1212SBS01

Tot Ion	Ratio	Resp	Lower	Upper
112	100	196831		
114	30.9	25.1	37.7	

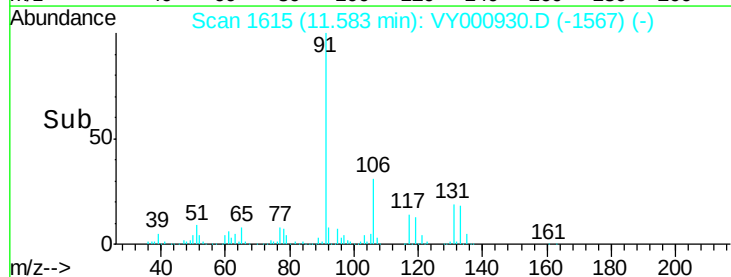
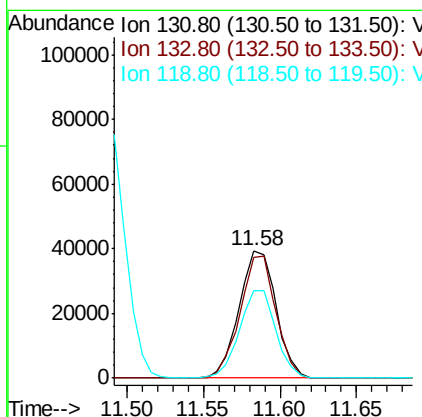
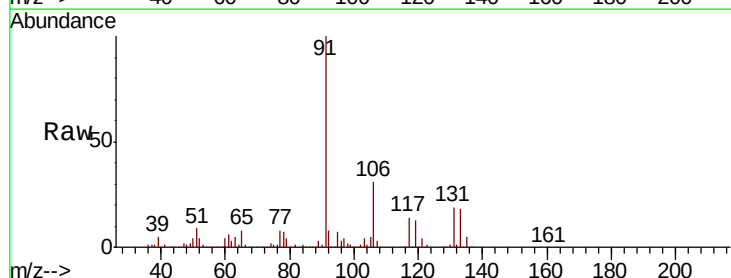
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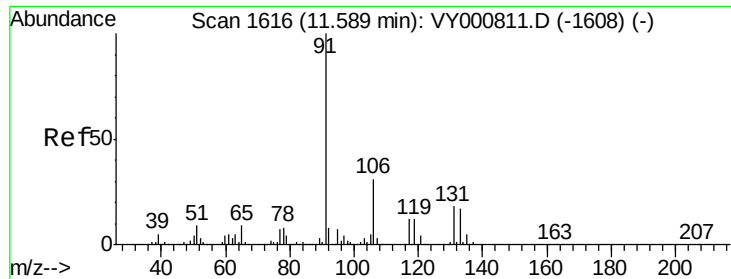
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.895 ug/l
RT: 11.58 min Scan# 1615
Delta R.T. -0.01 min
Lab File: VY000930.D
Acq: 12 Dec 2019 13:26

Tgt Ion	Ratio	Resp	Lower	Upper
131	100	66173		
133	93.4	47.4	142.2	
119	68.0	33.8	101.3	





#67

Ethyl Benzene

Concen: 20.281 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. -0.00 min

Lab File: VY000930.D

Acq: 12 Dec 2019 13:26

Instrument :

MSVOA_Y

ClientSampleId :

VY1212SBS01

Tot Ion: 91 Resp: 354945

Ion Ratio Lower Upper

91 100

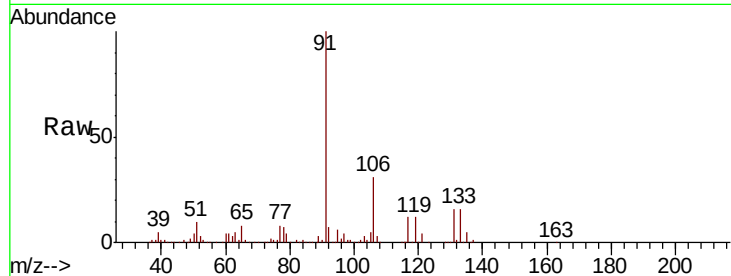
106 30.7 24.4 36.6

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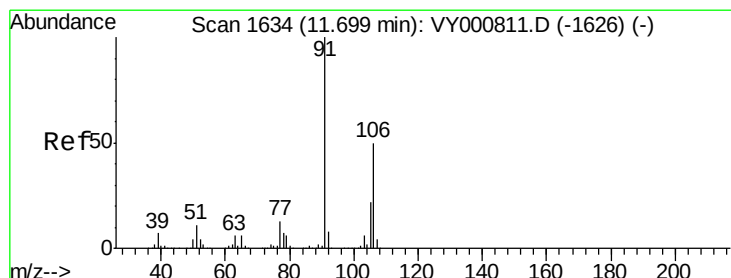
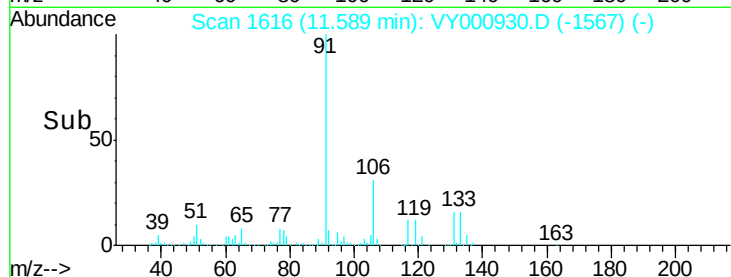
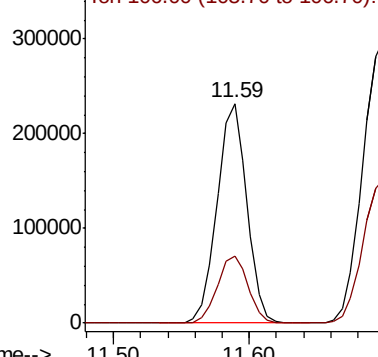
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Abundance Ion 91.00 (90.70 to 91.70): VY000930.D (-1567) (-)



#68

m/p-Xylenes

Concen: 41.416 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. -0.00 min

Lab File: VY000930.D

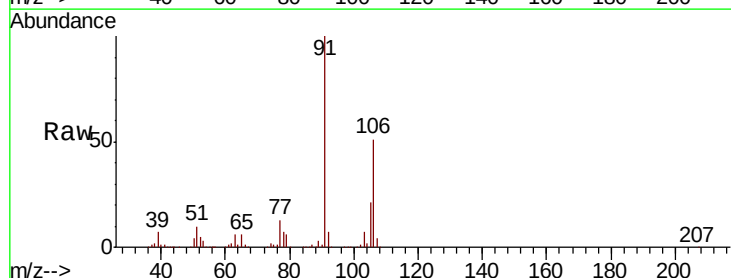
Acq: 12 Dec 2019 13:26

Tgt Ion: 106 Resp: 272059

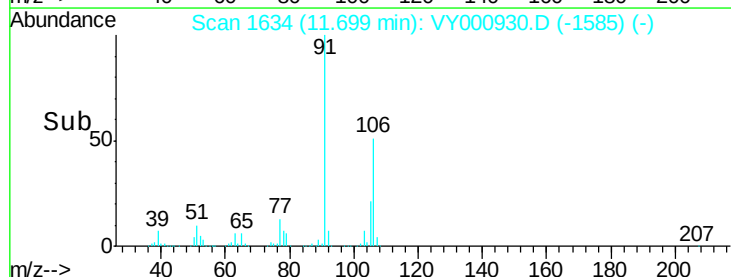
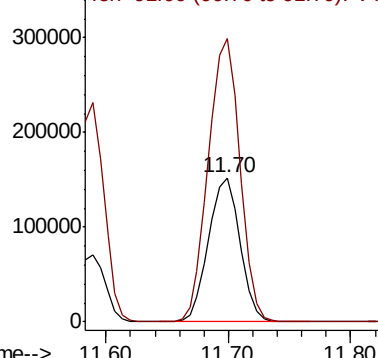
Ion Ratio Lower Upper

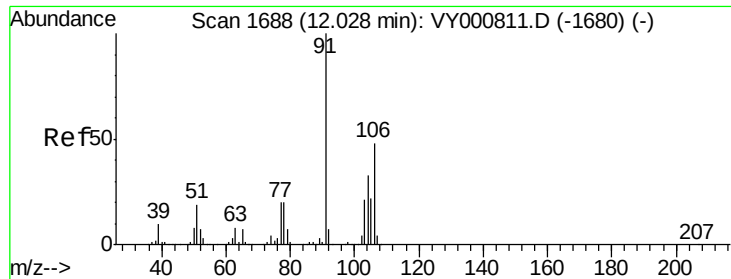
106 100

91 197.4 159.6 239.4



Abundance Ion 106.00 (105.70 to 106.70): VY000930.D (-1585) (-)





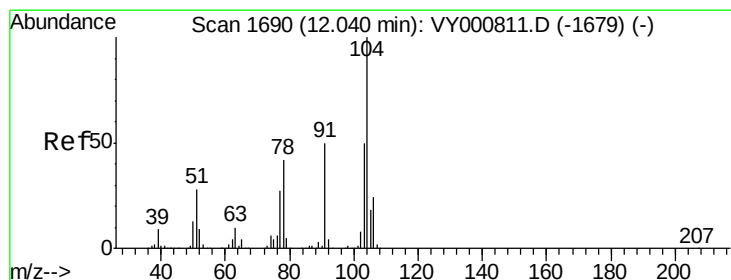
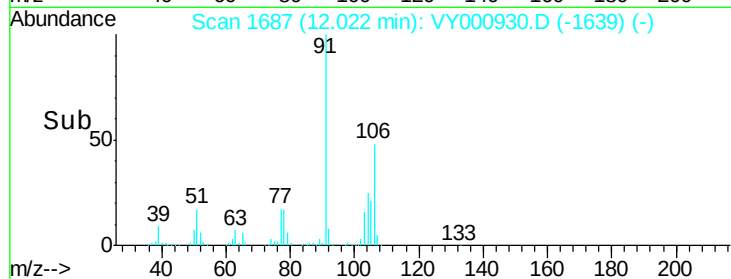
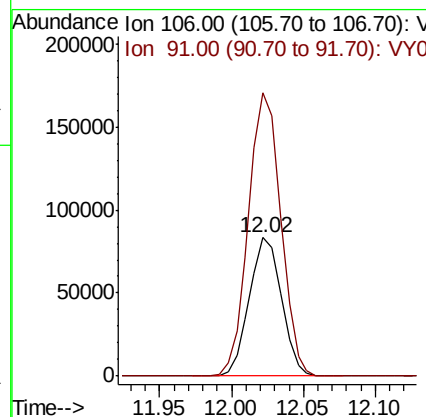
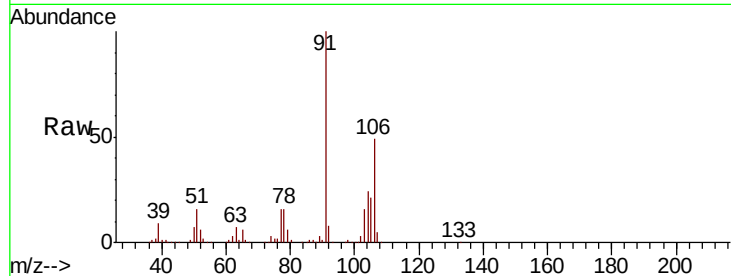
#69
o-Xylene
Concen: 21.095 ug/l
RT: 12.02 min Scan# 1687
Delta R.T. -0.01 min
Lab File: VY000930.D
Acq: 12 Dec 2019 13:26

Instrument :
MSVOA_Y
ClientSampleId :
VY1212SBS01

Tot Ion	Ratio	Lower	Upper
106	100		
91	206.0	106.1	318.1

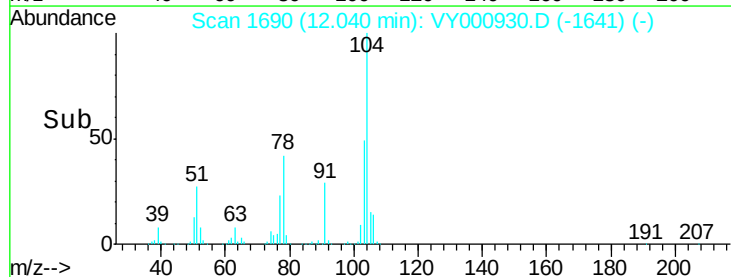
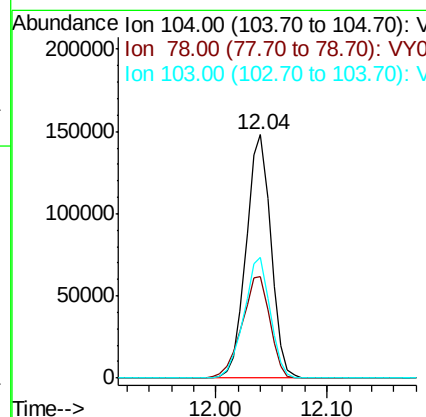
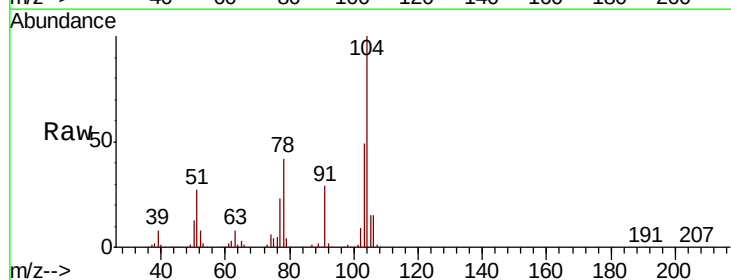
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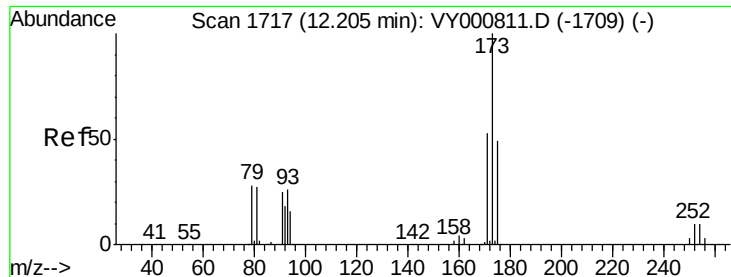
apatel
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#70
Styrene
Concen: 21.744 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VY000930.D
Acq: 12 Dec 2019 13:26

Tgt Ion	Ratio	Lower	Upper
104	100		
78	47.0	38.2	57.4
103	52.8	43.4	65.0





#71

Bromoform

Concen: 20.907 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VY000930.D

Acq: 12 Dec 2019 13:26

Instrument :

MSVOA_Y

ClientSampleId :

VY1212SBS01

Tot Ion:173 Resp: 37343

Ion Ratio Lower Upper

173 100

175 48.0 24.5 73.5

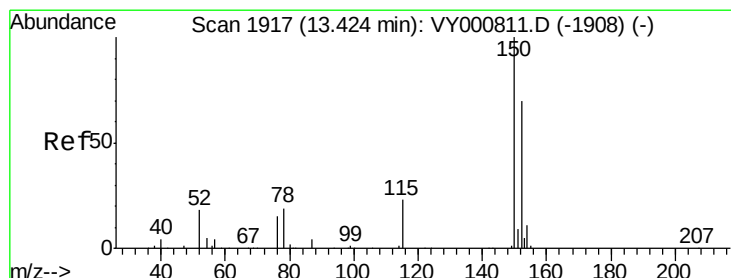
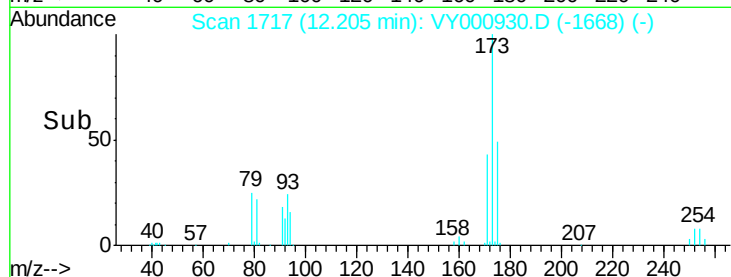
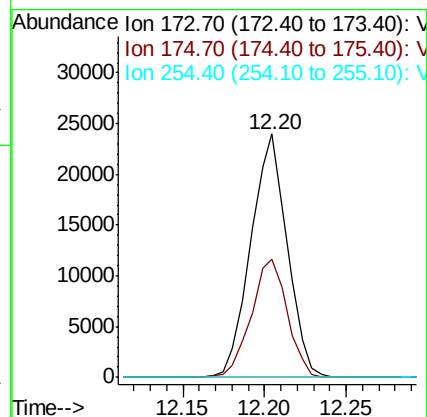
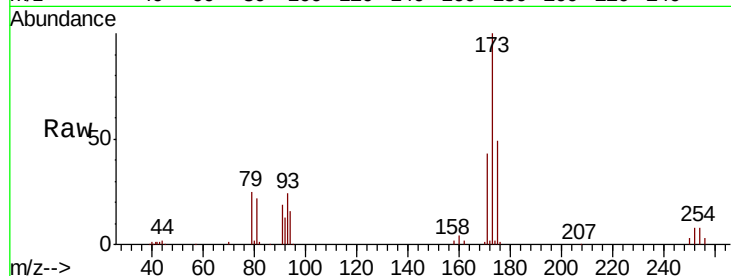
254 0.0 0.0 0.0

Manual Integrations

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1916

Delta R.T. -0.01 min

Lab File: VY000930.D

Acq: 12 Dec 2019 13:26

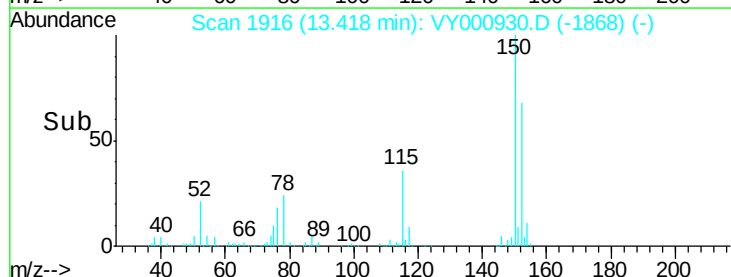
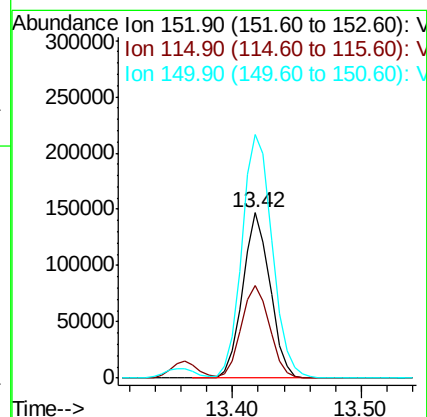
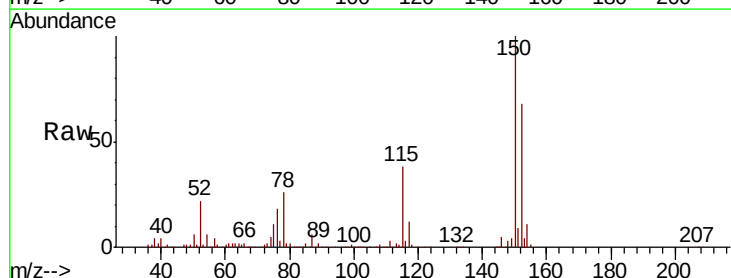
Tgt Ion:152 Resp: 215623

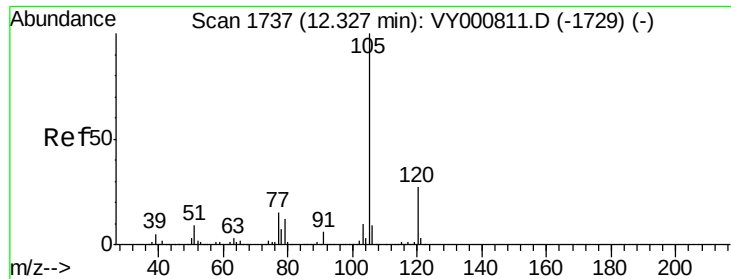
Ion Ratio Lower Upper

152 100

115 57.8 29.3 87.8

150 162.9 0.0 351.2





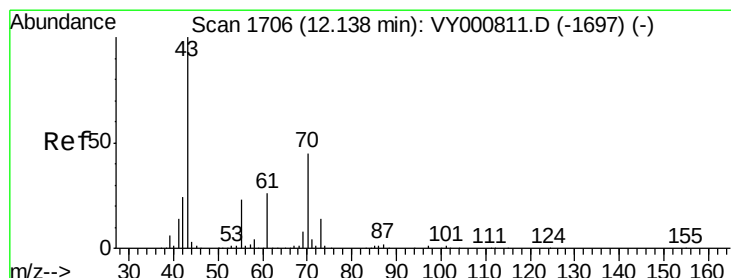
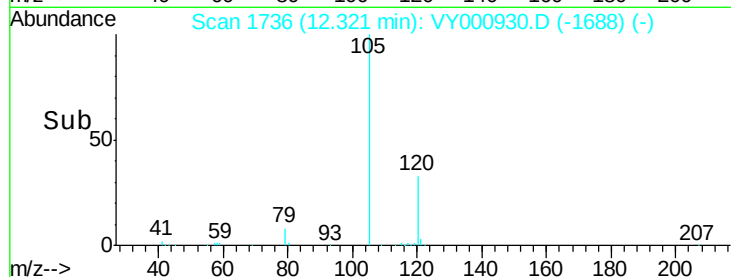
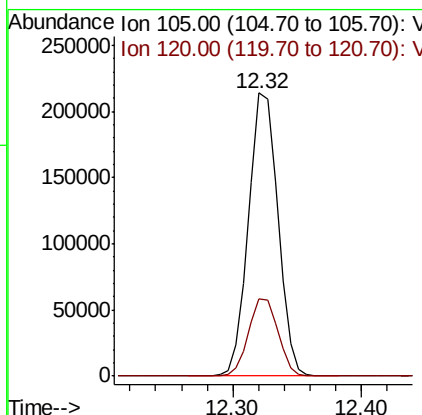
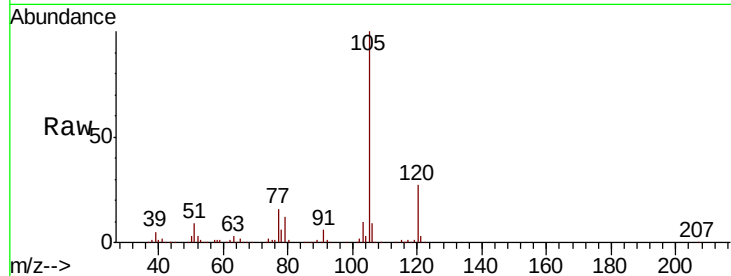
#73
Isopropylbenzene
Concen: 19.609 ug/l
RT: 12.32 min Scan# 1736
Delta R.T. -0.01 min
Lab File: VY000930.D
Acq: 12 Dec 2019 13:26

Instrument :
MSVOA_Y
ClientSampleId :
VY1212SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
120	27.4	13.4	40.2

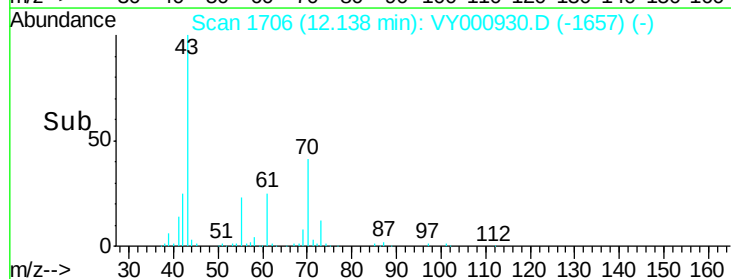
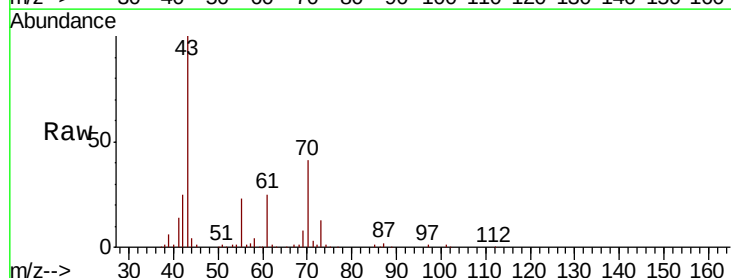
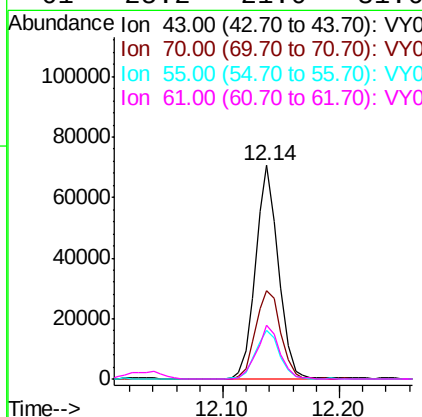
Manual Integrations
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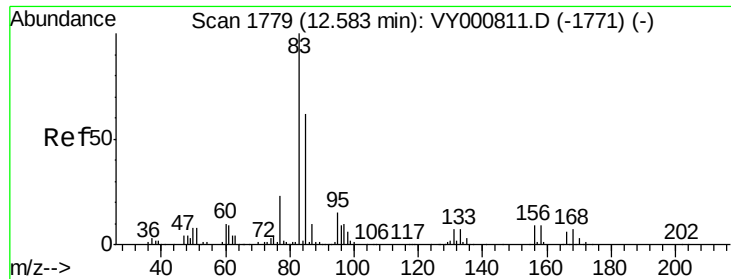
apatel
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#74
N-ethyl acetate
Concen: 20.257 ug/l
RT: 12.14 min Scan# 1706
Delta R.T. -0.00 min
Lab File: VY000930.D
Acq: 12 Dec 2019 13:26

Tgt Ion	Ratio	Lower	Upper
43	100		
70	45.4	36.6	54.8
55	24.0	18.8	28.2
61	25.2	21.0	31.6





#75

1,1,2,2-Tetrachloroethane

Concen: 19.221 ug/l

RT: 12.58 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VY000930.D

Acq: 12 Dec 2019 13:26

Instrument :

MSVOA_Y

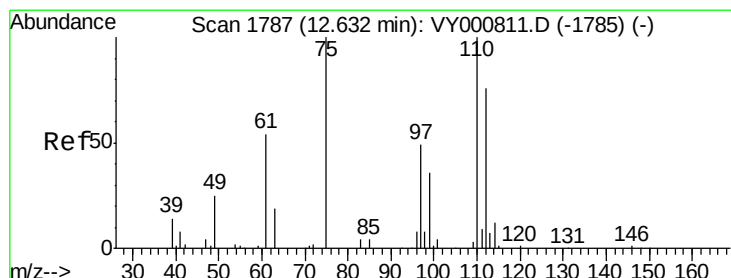
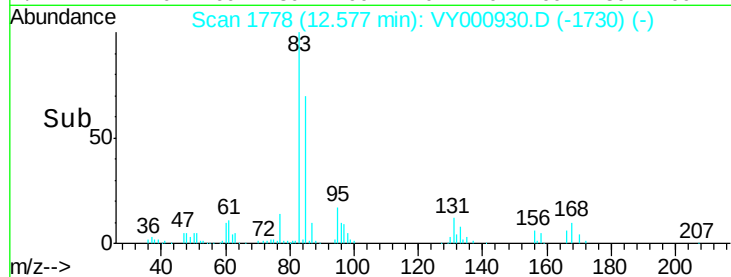
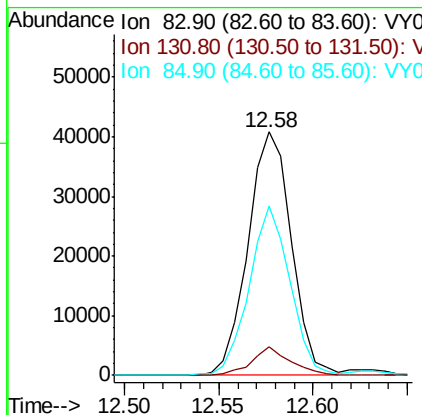
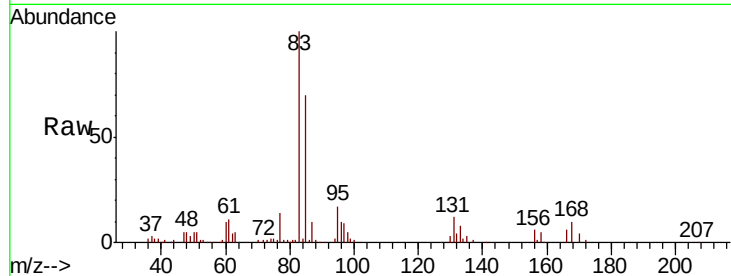
ClientSampleId :

VY1212SBS01

Tot Ion:	83	Resp:	65022
Ion Ratio	Lower	Upper	
83	100		
131	10.6	4.3	13.1
85	65.5	32.4	97.0

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 21.586 ug/l m

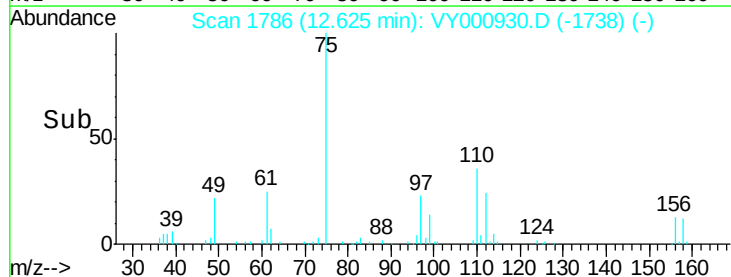
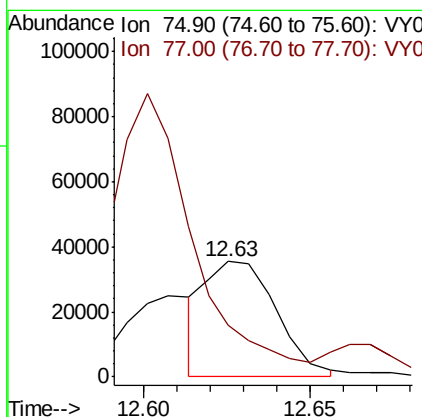
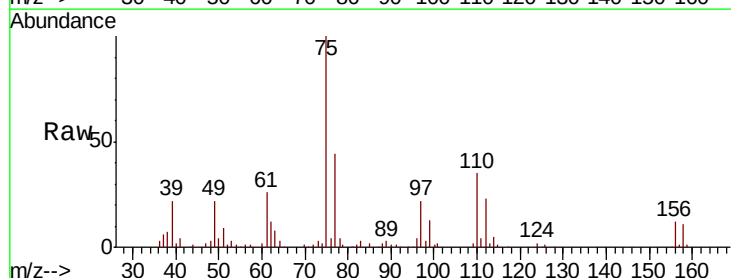
RT: 12.63 min Scan# 1786

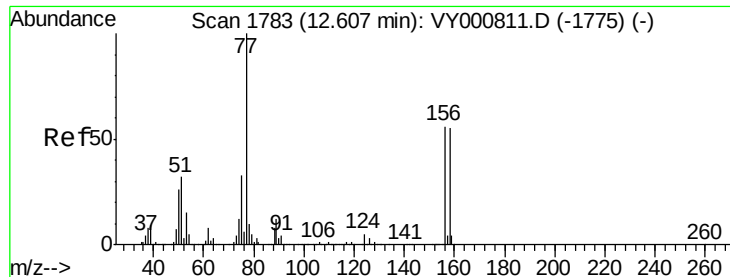
Delta R.T. -0.01 min

Lab File: VY000930.D

Acq: 12 Dec 2019 13:26

Tgt Ion:	75	Resp:	52734
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 20.447 ug/l

RT: 12.60 min Scan# 1782

Delta R.T. -0.01 min

Lab File: VY000930.D

Acq: 12 Dec 2019 13:26

Instrument :

MSVOA_Y

ClientSampleId :

VY1212SBS01

Tot Ion:156 Resp: 76094

Ion Ratio Lower Upper

156 100

77 201.8 102.6 307.7

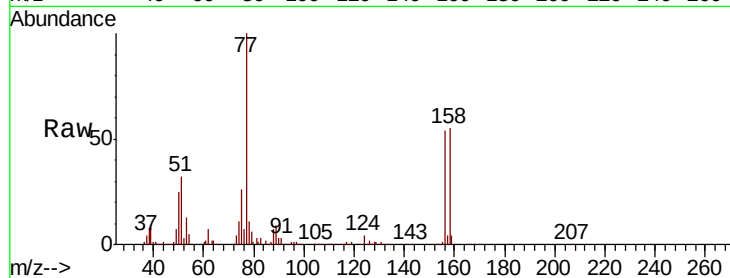
158 95.4 47.6 142.8

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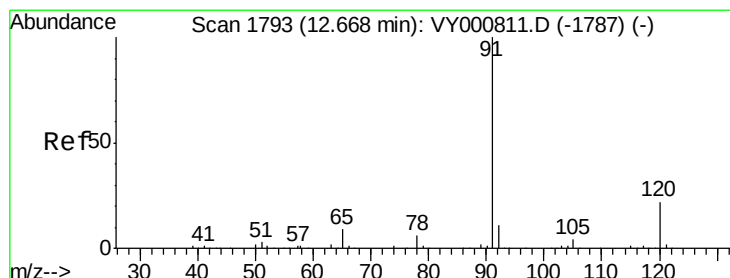
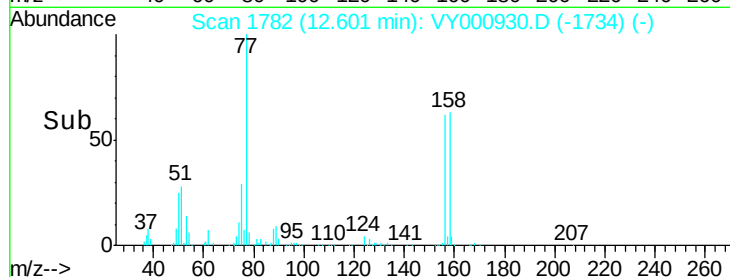
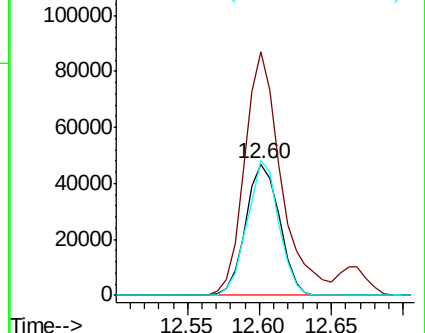
12/13/2019 10:33:46 AM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.960 ug/l

RT: 12.66 min Scan# 1792

Delta R.T. -0.01 min

Lab File: VY000930.D

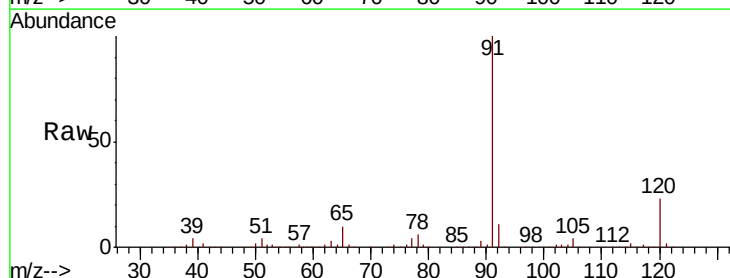
Acq: 12 Dec 2019 13:26

Tgt Ion: 91 Resp: 418413

Ion Ratio Lower Upper

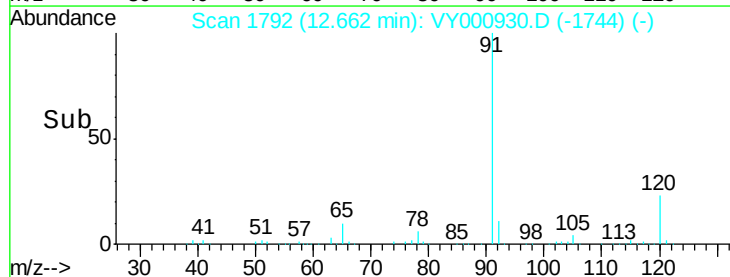
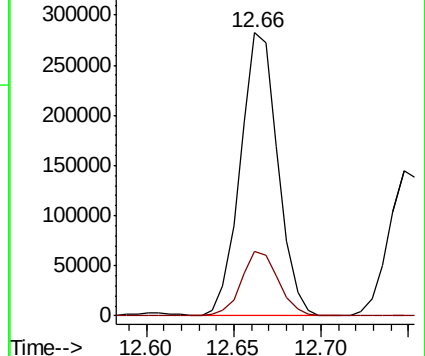
91 100

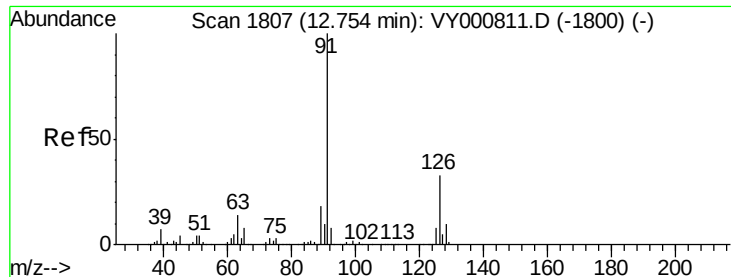
120 22.5 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.603 ug/l

RT: 12.75 min Scan# 1806

Delta R.T. -0.01 min

Lab File: VY000930.D

Acq: 12 Dec 2019 13:26

Instrument :

MSVOA_Y

ClientSampleId :

VY1212SBS01

Tot Ion: 91 Resp: 227021

Ion Ratio Lower Upper

91 100

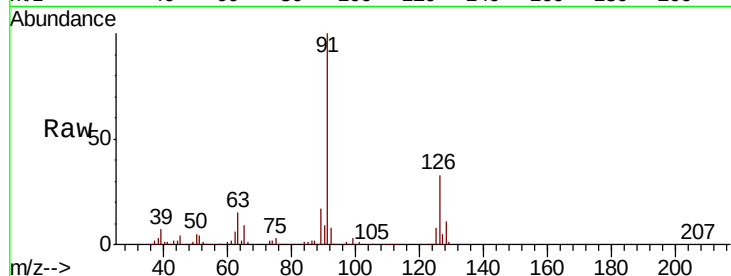
126 34.5 17.0 51.0

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Abundance Ion 91.00 (90.70 to 91.70): VY000811.D (-1800) (-)

Ion 125.90 (125.60 to 126.60): VY000811.D (-1800) (-)

200000

150000

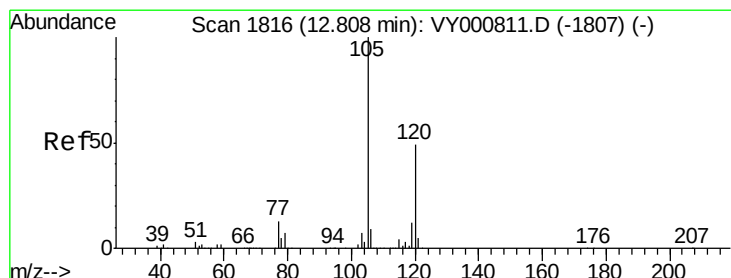
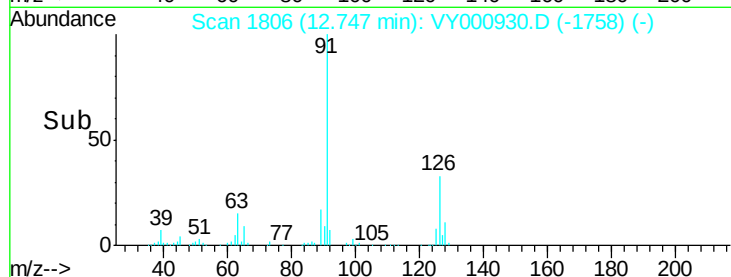
100000

50000

0

12.70 12.75 12.80

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 19.893 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VY000930.D

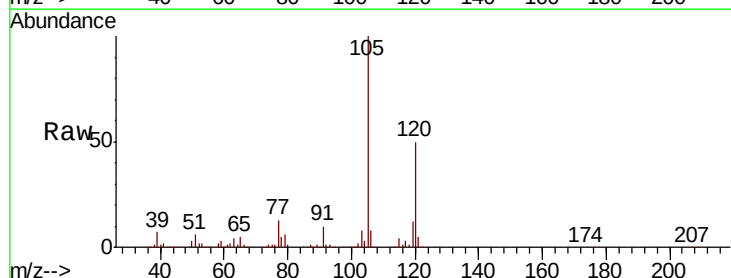
Acq: 12 Dec 2019 13:26

Tgt Ion: 105 Resp: 282776

Ion Ratio Lower Upper

105 100

120 50.6 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): VY000811.D (-1807) (-)

Ion 120.00 (119.70 to 120.70): VY000811.D (-1807) (-)

200000

150000

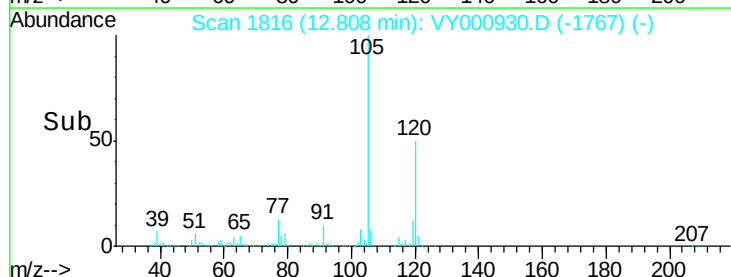
100000

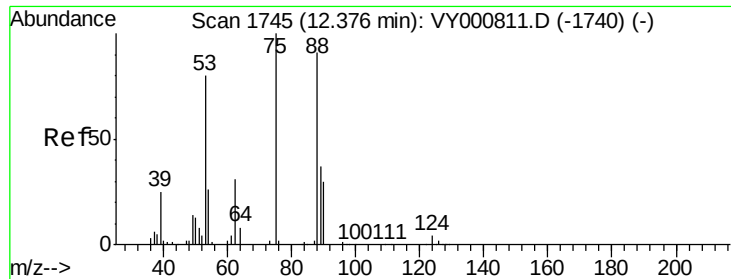
50000

0

12.70 12.80 12.90

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 19.230 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. -0.00 min

Lab File: VY000930.D

Acq: 12 Dec 2019 13:26

Instrument :

MSVOA_Y

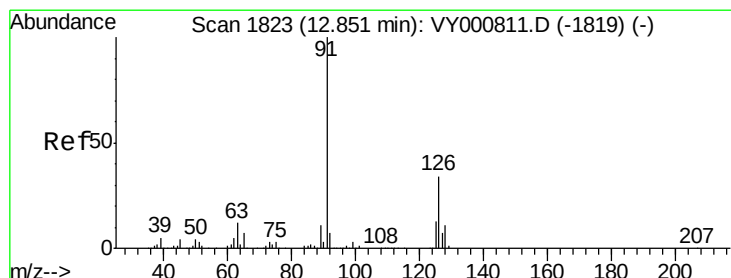
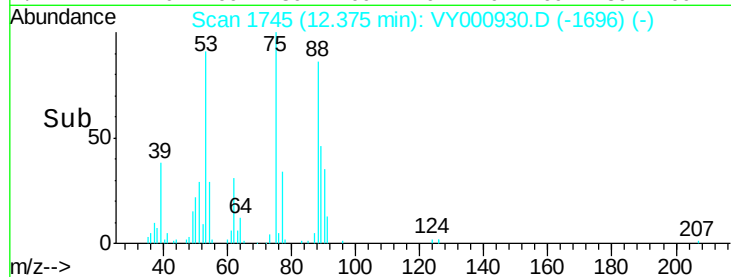
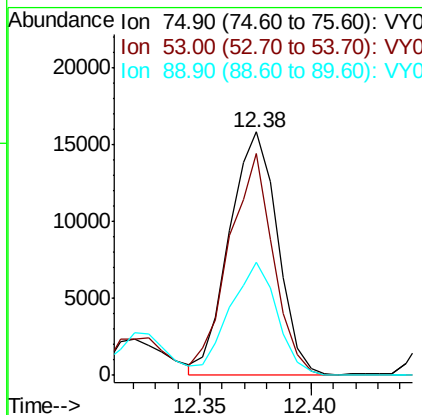
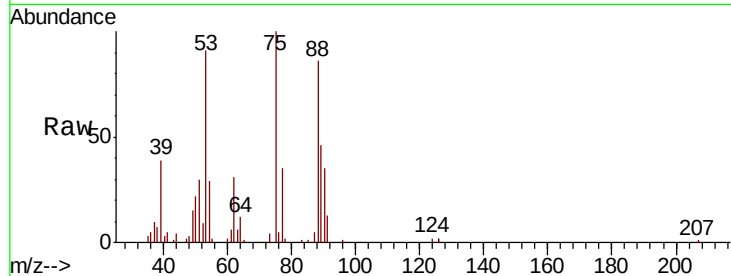
ClientSampleId :

VY1212SBS01

Tot Ion:	75	Resp:	23916
Ion	Ratio	Lower	Upper
75	100		
53	84.1	64.6	96.8
89	46.2	33.6	50.4

Manual Integrations
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#82

4-Chlorotoluene

Concen: 20.020 ug/l

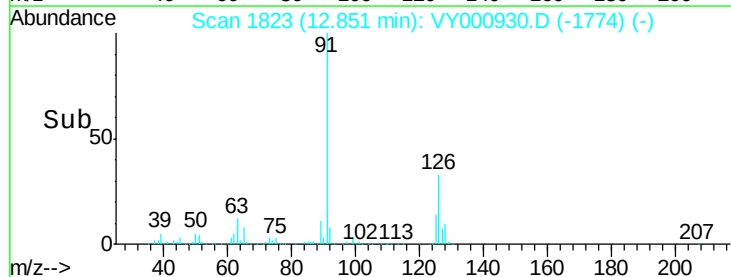
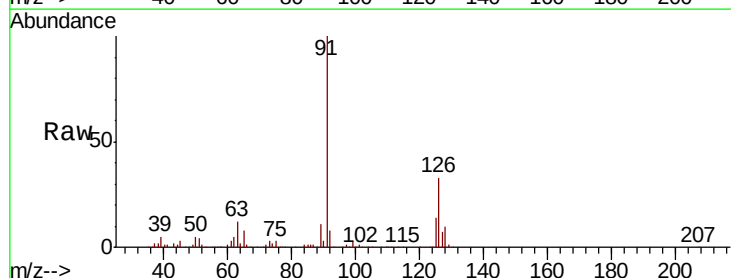
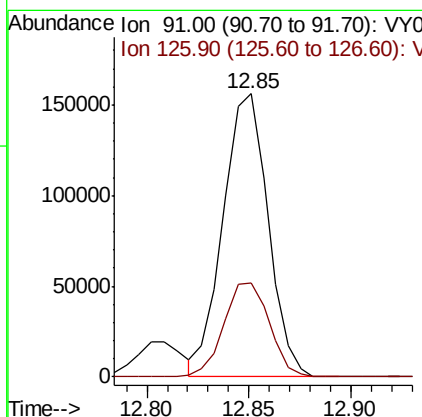
RT: 12.85 min Scan# 1823

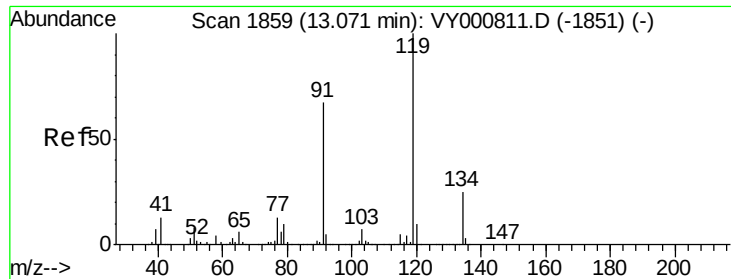
Delta R.T. -0.00 min

Lab File: VY000930.D

Acq: 12 Dec 2019 13:26

Tgt Ion:	91	Resp:	238870
Ion	Ratio	Lower	Upper
91	100		
126	33.8	17.3	51.9





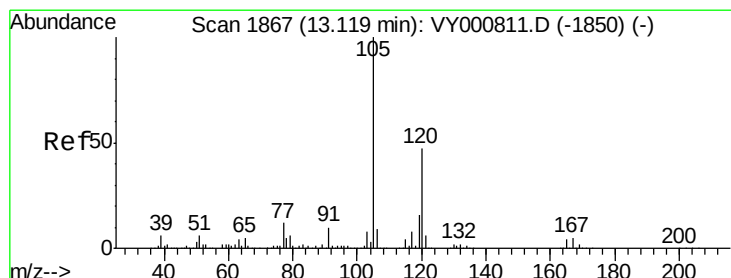
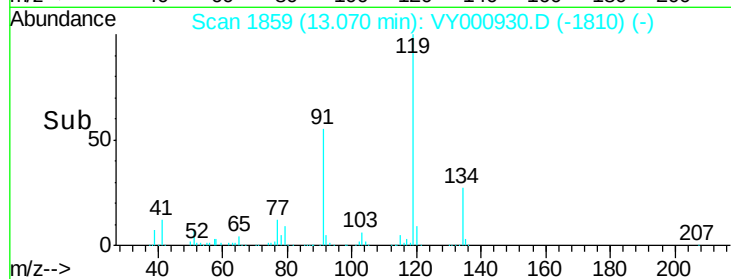
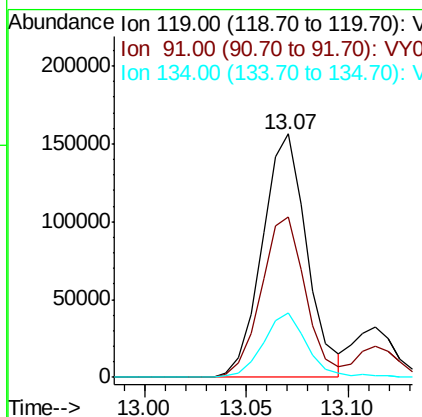
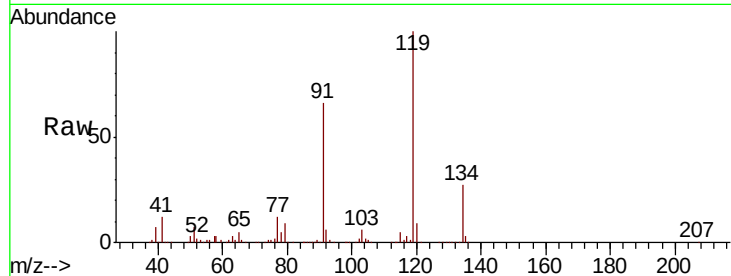
#83
 tert-Butylbenzene
 Concen: 19.928 ug/l
 RT: 13.07 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VY000930.D
 Acq: 12 Dec 2019 13:26

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1212SBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	238165		
91	65.2	32.3	96.8	
134	26.0	12.9	38.7	

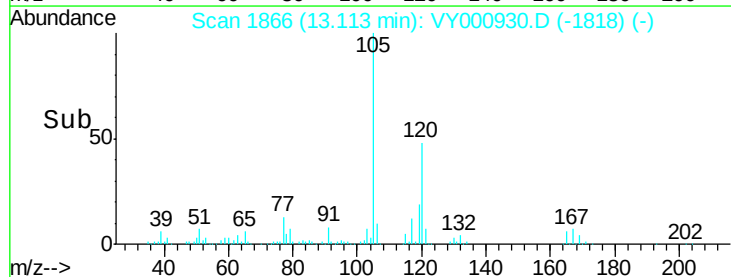
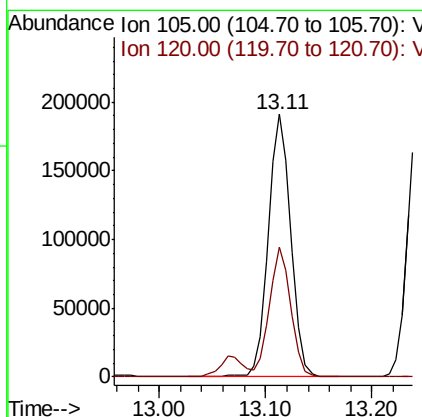
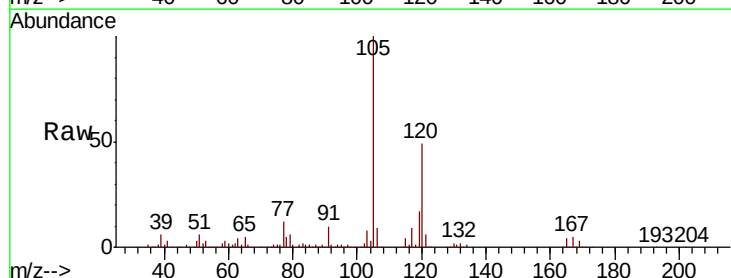
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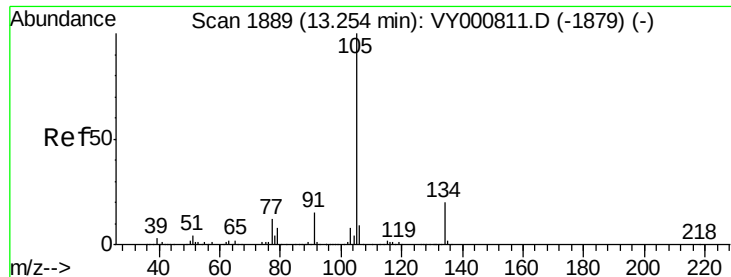
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#84
 1,2,4-Trimethylbenzene
 Concen: 19.850 ug/l
 RT: 13.11 min Scan# 1866
 Delta R.T. -0.01 min
 Lab File: VY000930.D
 Acq: 12 Dec 2019 13:26

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	282303		
120	46.8	22.6	67.8	





#85

sec-Butylbenzene

Concen: 20.233 ug/l

RT: 13.25 min Scan# 1888

Delta R.T. -0.01 min

Lab File: VY000930.D

Acq: 12 Dec 2019 13:26

Instrument :

MSVOA_Y

ClientSampleId :

VY1212SBS01

Tot Ion:105 Resp: 351668

Ion Ratio Lower Upper

105 100

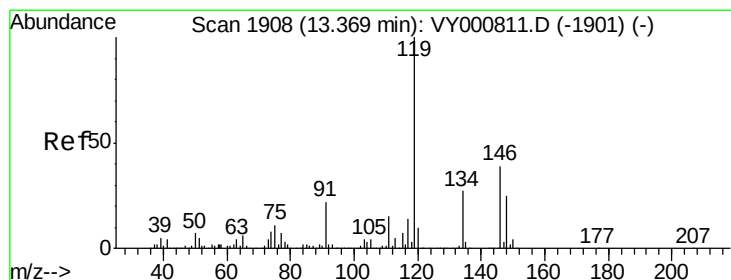
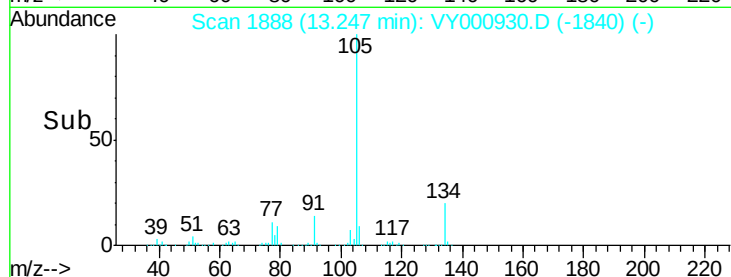
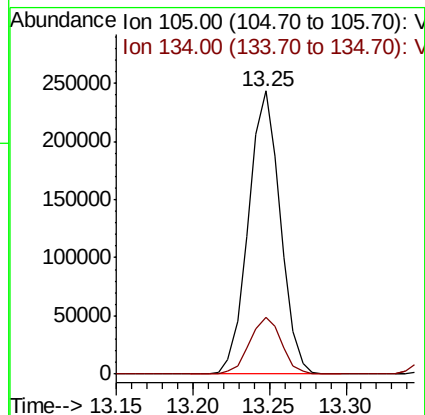
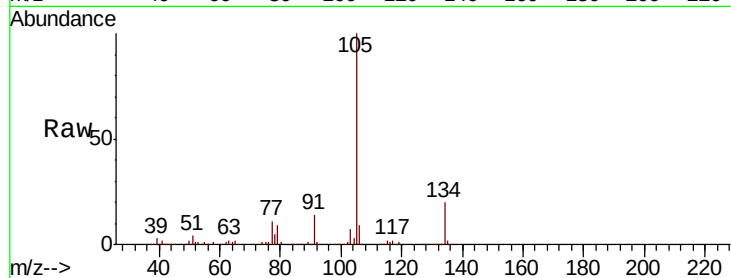
134 20.1 10.1 30.1

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#86

p-Isopropyltoluene

Concen: 20.227 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. -0.01 min

Lab File: VY000930.D

Acq: 12 Dec 2019 13:26

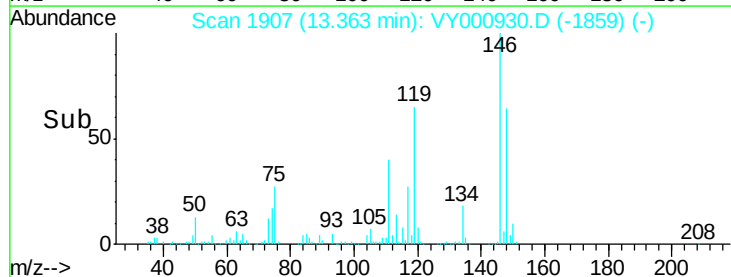
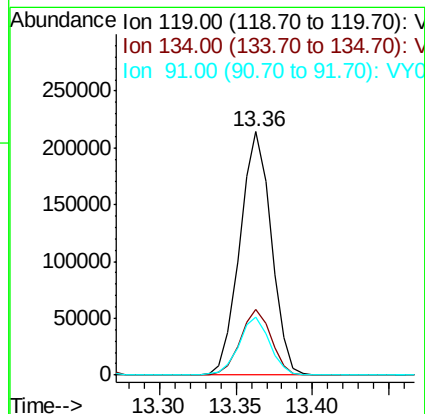
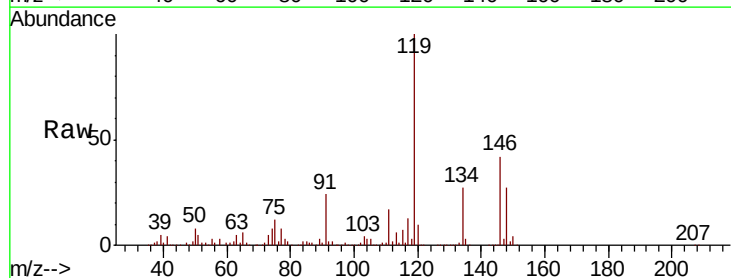
Tgt Ion:119 Resp: 305782

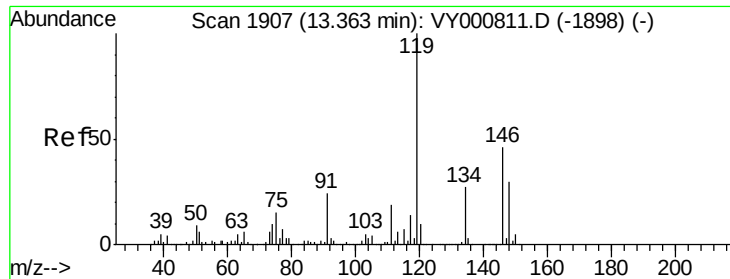
Ion Ratio Lower Upper

119 100

134 26.4 13.5 40.4

91 23.3 11.5 34.5





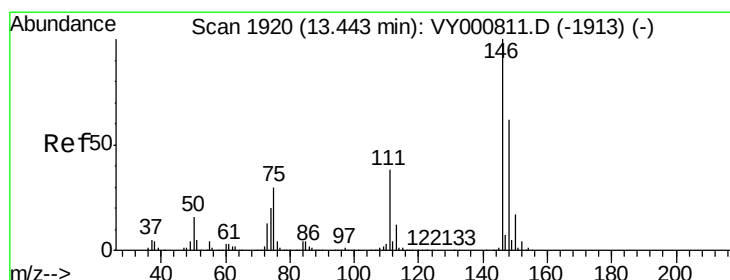
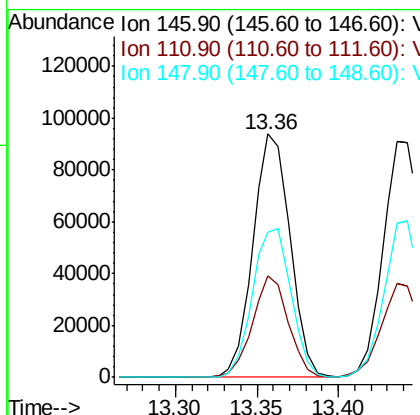
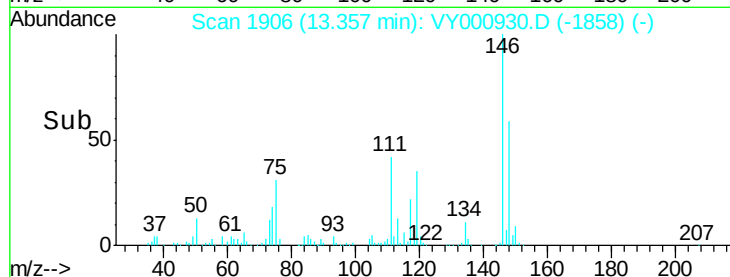
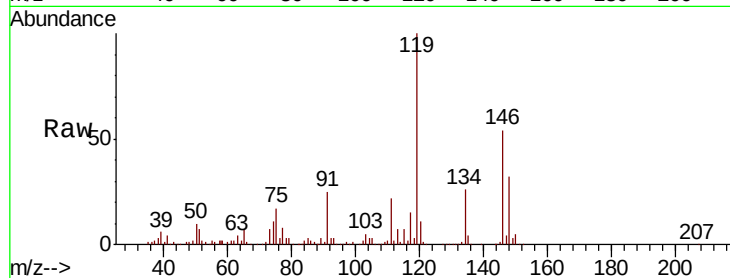
#87
 1,3-Dichlorobenzene
 Concen: 20.397 ug/l
 RT: 13.36 min Scan# 1906
 Delta R.T. -0.01 min
 Lab File: VY000930.D
 Acq: 12 Dec 2019 13:26

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1212SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
146	100			
111	40.5	20.0	60.0	
148	63.3	32.1	96.5	

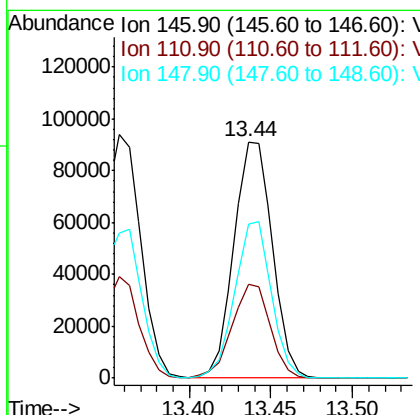
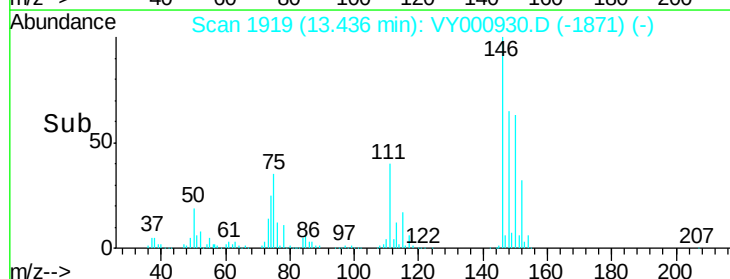
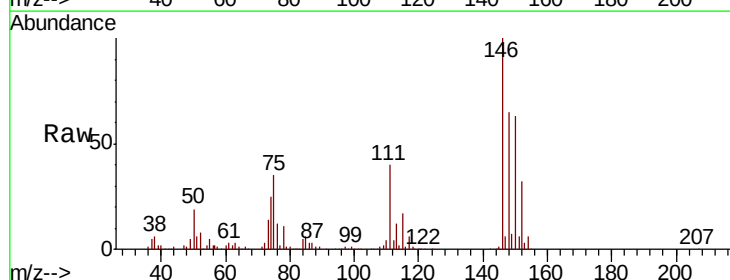
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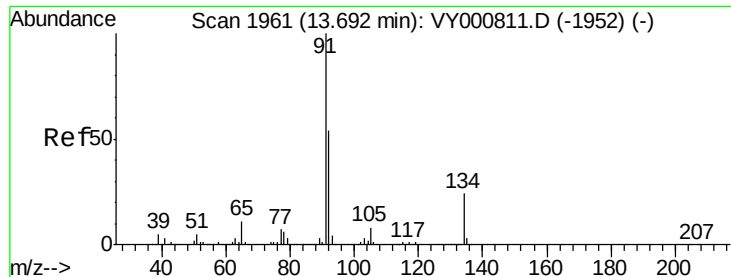
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#88
 1,4-Dichlorobenzene
 Concen: 20.720 ug/l
 RT: 13.44 min Scan# 1919
 Delta R.T. -0.01 min
 Lab File: VY000930.D
 Acq: 12 Dec 2019 13:26

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
111	39.8	20.0	59.9	
148	63.0	31.7	95.1	





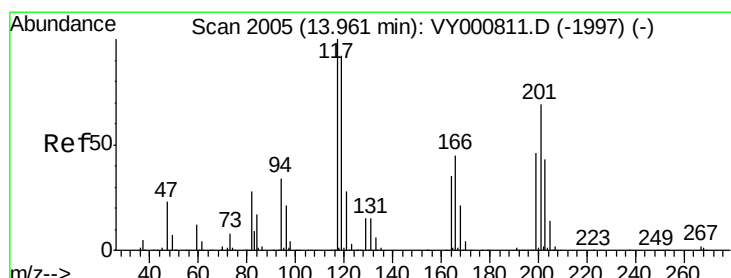
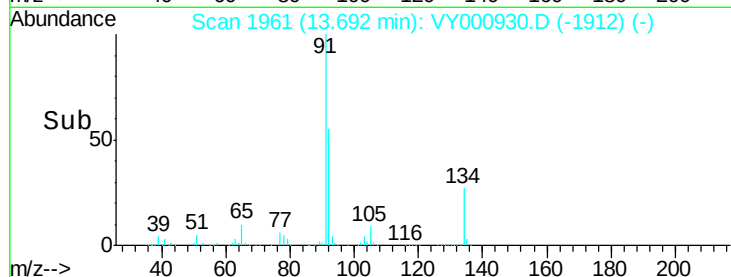
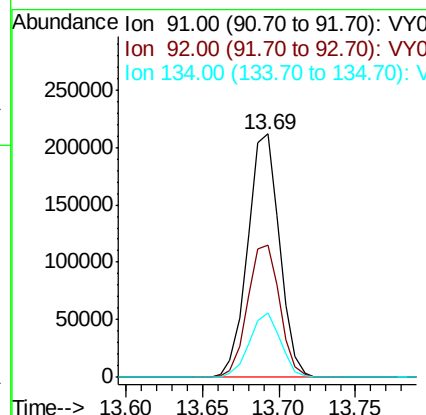
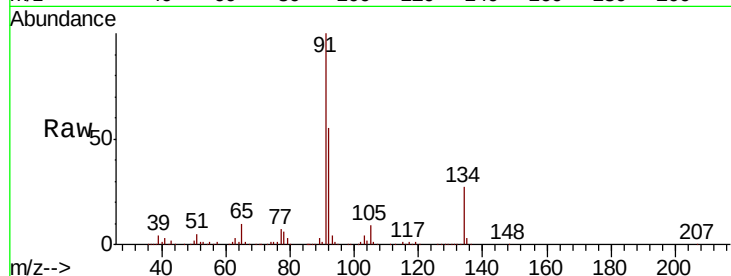
#89
n-Butylbenzene
Concen: 19.999 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. -0.00 min
Lab File: VY000930.D
Acq: 12 Dec 2019 13:26

Instrument :
MSVOA_Y
ClientSampleId :
VY1212SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.8	26.9	80.7
134	26.0	12.6	37.6

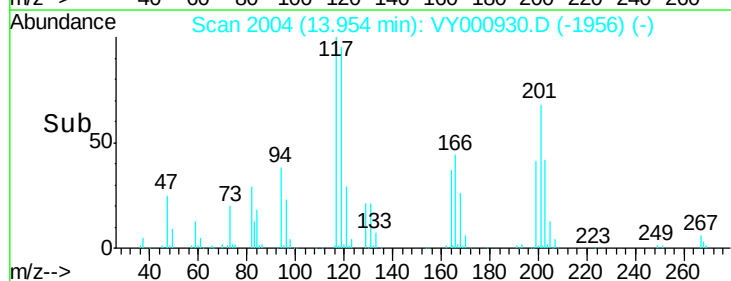
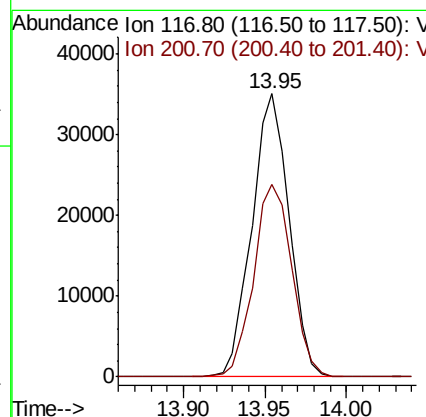
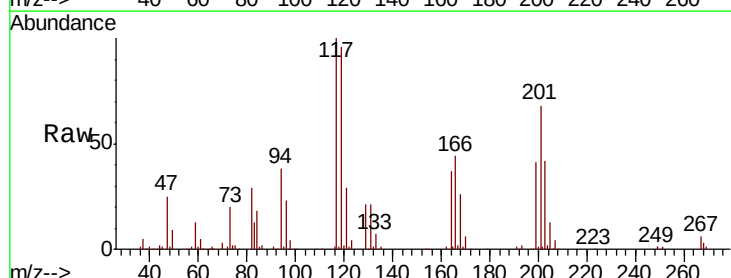
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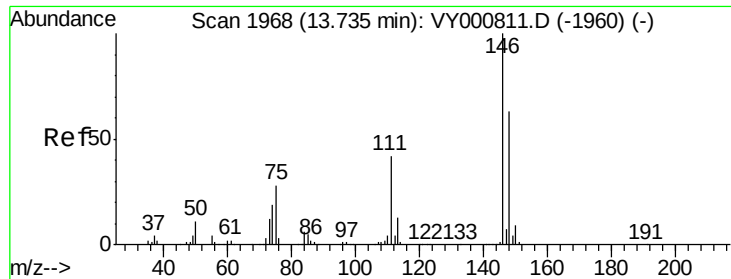
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#90
Hexachloroethane
Concen: 20.033 ug/l
RT: 13.95 min Scan# 2004
Delta R.T. -0.01 min
Lab File: VY000930.D
Acq: 12 Dec 2019 13:26

Tgt Ion	Ratio	Lower	Upper
117	100		
201	69.6	34.0	102.0





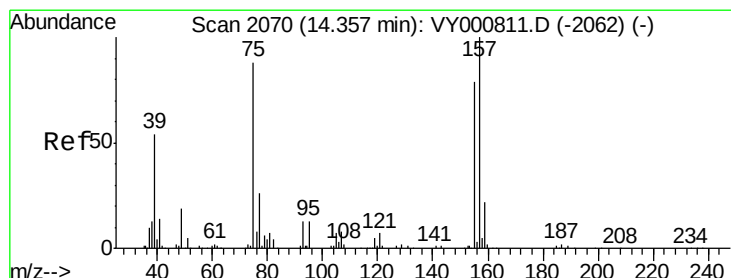
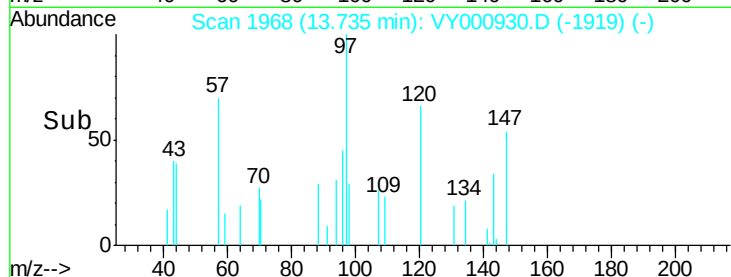
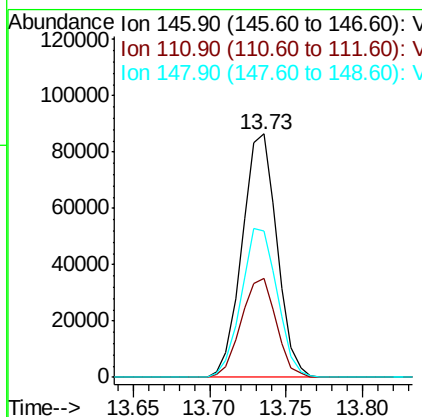
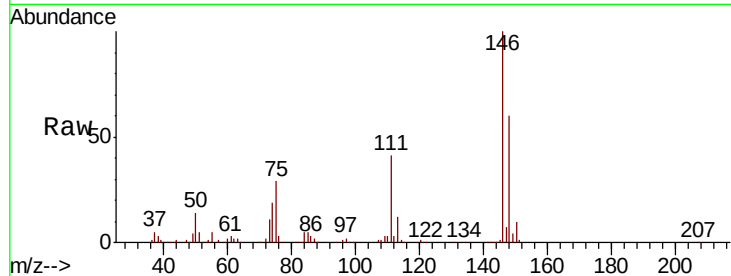
#91
 1,2-Dichlorobenzene
 Concen: 20.778 ug/l
 RT: 13.73 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: VY000930.D
 Acq: 12 Dec 2019 13:26

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1212SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.0	20.9	62.7
148	63.2	32.1	96.3

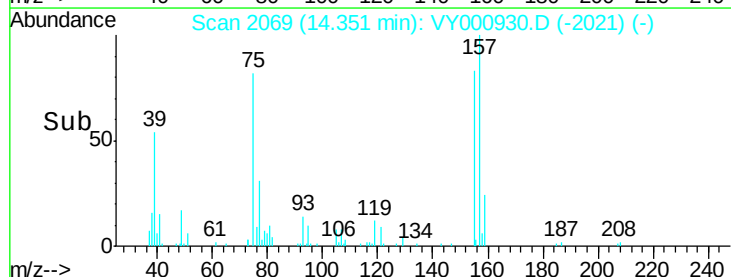
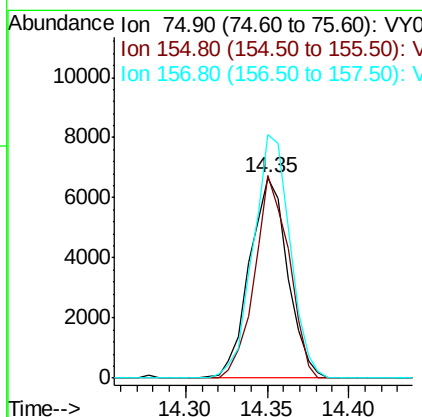
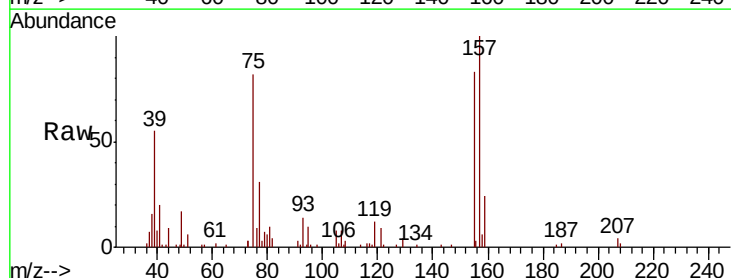
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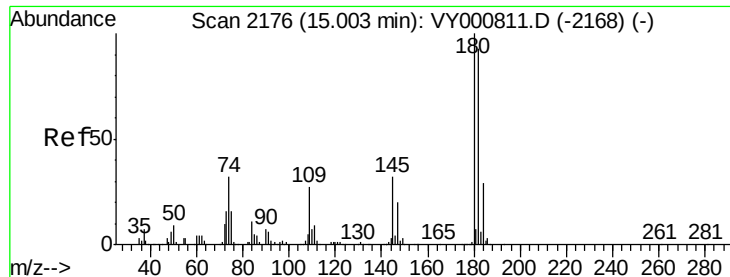
apatel
 12/13/2019 10:33:46 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.077 ug/l
 RT: 14.35 min Scan# 2069
 Delta R.T. -0.01 min
 Lab File: VY000930.D
 Acq: 12 Dec 2019 13:26

Tgt Ion	Ratio	Lower	Upper
75	100		
155	90.6	44.3	132.9
157	117.7	56.3	168.9





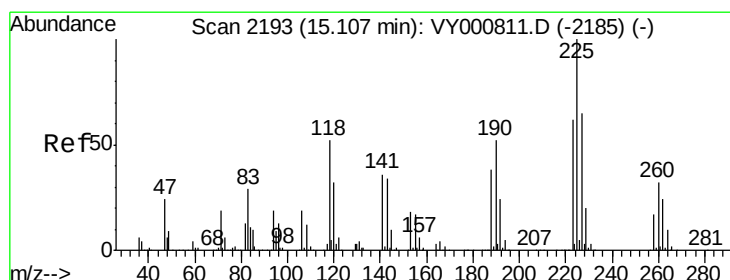
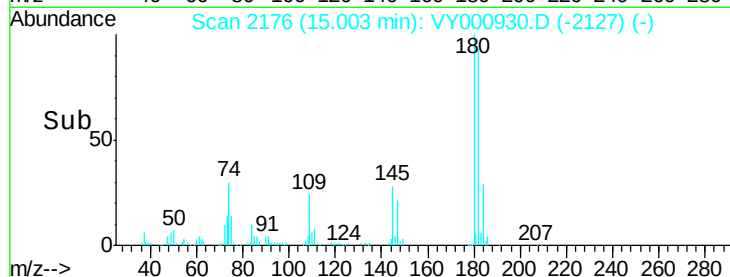
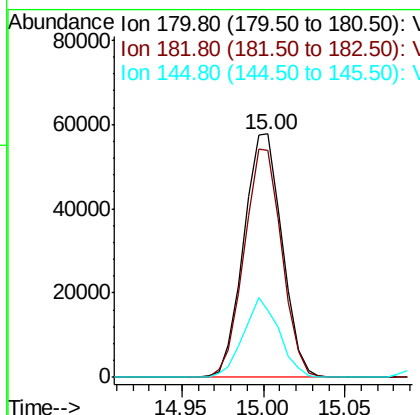
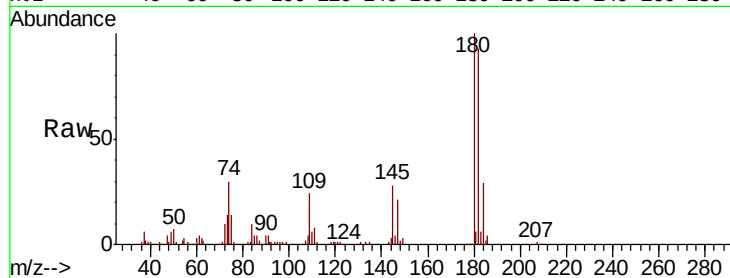
#93
 1,2,4-Trichlorobenzene
 Concen: 21.283 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VY000930.D
 Acq: 12 Dec 2019 13:26

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1212SBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	92.0	47.3	141.9
145	30.5	16.0	47.9

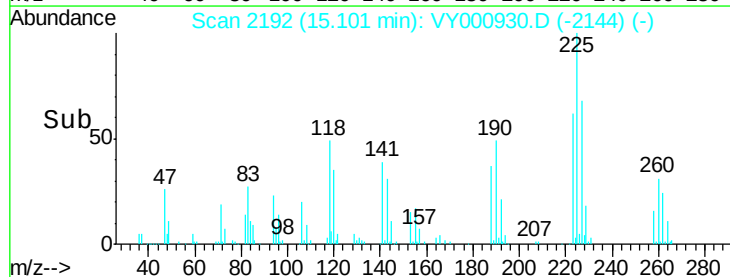
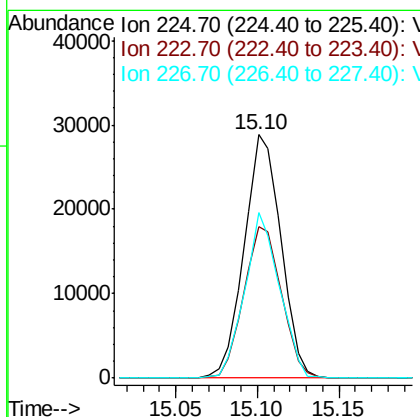
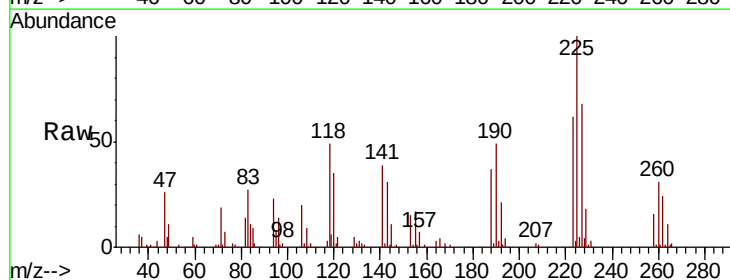
Manual Integrations
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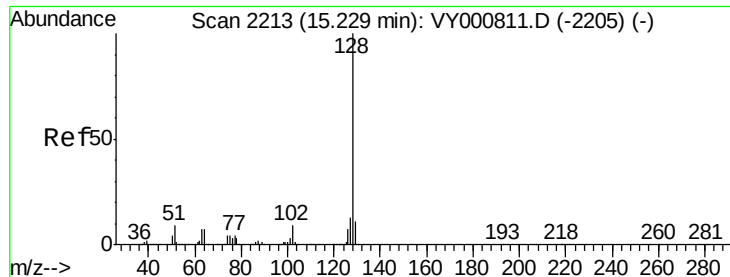
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#94
 Hexachlorobutadiene
 Concen: 20.623 ug/l
 RT: 15.10 min Scan# 2192
 Delta R.T. -0.01 min
 Lab File: VY000930.D
 Acq: 12 Dec 2019 13:26

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.6	31.4	94.3
227	64.3	31.8	95.3





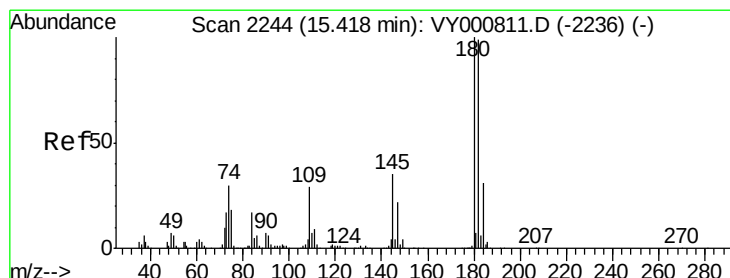
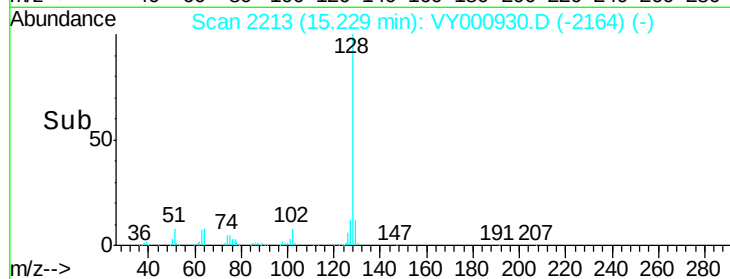
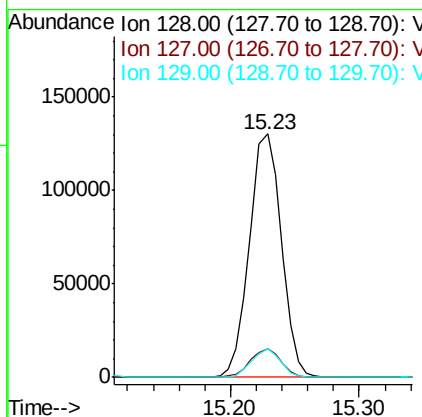
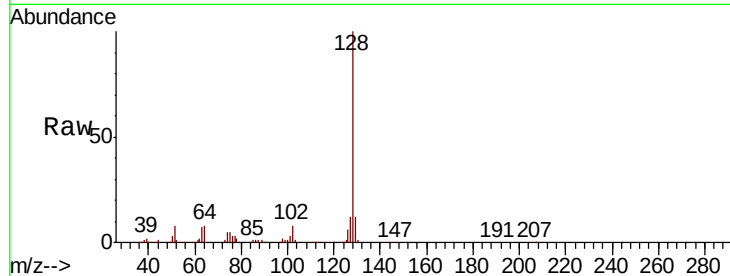
#95
Naphthalene
Concen: 21.662 ug/l
RT: 15.23 min Scan# 2213
Delta R.T. -0.00 min
Lab File: VY000930.D
Acq: 12 Dec 2019 13:26

Instrument :
MSVOA_Y
ClientSampleId :
VY1212SBS01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	223509		
127	11.3		10.1	15.1
129	10.6		8.8	13.2

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 20.781 ug/l
RT: 15.41 min Scan# 2243
Delta R.T. -0.01 min
Lab File: VY000930.D
Acq: 12 Dec 2019 13:26

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	82481		
182	97.0		48.0	144.0
145	32.3		16.9	50.6

