

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY011720\
 Data File : VY001268.D
 Acq On : 17 Jan 2020 16:27
 Operator : SY/MD
 Sample : VY0117SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0117SBS01

Manual Integrations
 APPROVED

MMDadoda
 1/20/2020 11:06:46 AM

Quant Time: Jan 18 03:39:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 10 16:01:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	191462	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.71	114	333377	50.00	ug/l	0.02
63) Chlorobenzene-d5	11.50	117	293956	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	13.44	152	138114	50.00	ug/l	0.01

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.17	65	99343	49.13	ug/l	0.02
Spiked Amount	50.000		Recovery	=	98.26%	
35) Dibromofluoromethane	7.75	113	92523	47.40	ug/l	0.02
Spiked Amount	50.000		Recovery	=	94.80%	
50) Toluene-d8	10.19	98	374236	49.76	ug/l	0.01
Spiked Amount	50.000		Recovery	=	99.52%	
62) 4-Bromofluorobenzene	12.49	95	135340	44.02	ug/l	0.01
Spiked Amount	50.000		Recovery	=	88.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.92	85	27236	18.523	ug/l	96
3) Chloromethane	2.13	50	41260	19.467	ug/l	97
4) Vinyl Chloride	2.27	62	43741	20.485	ug/l	99
5) Bromomethane	2.66	94	32159	28.039	ug/l	95
6) Chloroethane	2.81	64	29176	23.651	ug/l	93
7) Trichlorofluoromethane	3.15	101	58529	19.693	ug/l	100
8) Diethyl Ether	3.56	74	24672	21.363	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.93	101	38459	20.103	ug/l	98
10) Methyl Iodide	4.13	142	46009	17.570	ug/l	98
11) Tert butyl alcohol	5.00	59	29217	143.602	ug/l #	87
12) 1,1-Dichloroethene	3.90	96	39858	20.364	ug/l	98
13) Acrolein	3.76	56	20259	110.606	ug/l	97
14) Allyl chloride	4.52	41	68259	20.663	ug/l	100
15) Acrylonitrile	5.21	53	62937	108.965	ug/l	98
16) Acetone	3.98	43	54158	115.320	ug/l	98
17) Carbon Disulfide	4.22	76	118859	18.763	ug/l	99
18) Methyl Acetate	4.52	43	32829	21.143	ug/l	100
19) Methyl tert-butyl Ether	5.26	73	113959	21.049	ug/l	99
20) Methylene Chloride	4.76	84	57922	23.543	ug/l	96
21) trans-1,2-Dichloroethene	5.27	96	45703	20.593	ug/l	90
22) Diisopropyl ether	6.16	45	144952	21.483	ug/l	97
23) Vinyl Acetate	6.10	43	465933	107.976	ug/l	99
24) 1,1-Dichloroethane	6.05	63	78104	21.145	ug/l	99
25) 2-Butanone	7.02	43	84384	115.450	ug/l	96
26) 2,2-Dichloropropane	7.02	77	70313	20.700	ug/l	99
27) cis-1,2-Dichloroethene	7.02	96	52379	21.539	ug/l	99
28) Bromochloromethane	7.36	49	28806	18.991	ug/l	98
29) Tetrahydrofuran	7.38	42	54052	107.910	ug/l	98
30) Chloroform	7.53	83	77066	21.293	ug/l	99
31) Cyclohexane	7.81	56	74159	18.962	ug/l	90
32) 1,1,1-Trichloroethane	7.73	97	64867	20.199	ug/l	100
36) 1,1-Dichloropropene	7.94	75	61390	20.204	ug/l	99
37) Ethyl Acetate	7.11	43	36375	20.398	ug/l	98
38) Carbon Tetrachloride	7.92	117	55861	20.060	ug/l	95

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MMDadoda
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.20	83	78024	18.941	ug/l	96
40) Benzene	8.19	78	186208	20.994	ug/l	99
41) Methacrylonitrile	7.34	41	15306m	18.272	ug/l	
42) 1,2-Dichloroethane	8.26	62	51433	20.709	ug/l	99
43) Isopropyl Acetate	8.30	43	71486	20.964	ug/l	98
44) Trichloroethene	8.96	130	47363	20.493	ug/l	95
45) 1,2-Dichloropropane	9.24	63	46991	21.430	ug/l	96
46) Dibromomethane	9.33	93	24461	20.445	ug/l	98
47) Bromodichloromethane	9.52	83	60799	20.852	ug/l	95
48) Methyl methacrylate	9.31	41	31679	20.076	ug/l	96
49) 1,4-Dioxane	9.32	88	6708	460.395	ug/l #	95
51) 4-Methyl-2-Pentanone	10.08	43	182916	105.718	ug/l	97
52) Toluene	10.26	92	117187	20.715	ug/l	99
53) t-1,3-Dichloropropene	10.48	75	65908	20.200	ug/l	97
54) cis-1,3-Dichloropropene	9.94	75	75416	20.501	ug/l	99
55) 1,1,2-Trichloroethane	10.66	97	36761	20.726	ug/l	98
56) Ethyl methacrylate	10.52	69	55479	20.448	ug/l	99
57) 1,3-Dichloropropane	10.80	76	64497	21.182	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.80	63	100869	105.706	ug/l	99
59) 2-Hexanone	10.84	43	130239	107.405	ug/l	98
60) Dibromochloromethane	11.00	129	41594	20.368	ug/l	99
61) 1,2-Dibromoethane	11.10	107	34546	19.947	ug/l	99
64) Tetrachloroethene	10.73	164	37238	19.652	ug/l	98
65) Chlorobenzene	11.53	112	122933	20.929	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.60	131	43497	21.486	ug/l	99
67) Ethyl Benzene	11.60	91	225415	20.979	ug/l	100
68) m/p-Xylenes	11.71	106	171275	42.256	ug/l	98
69) o-Xylene	12.04	106	82572	21.248	ug/l	96
70) Styrene	12.05	104	142585	20.911	ug/l	98
71) Bromoform	12.22	173	24764	19.836	ug/l #	99
73) Isopropylbenzene	12.34	105	213374	20.550	ug/l	99
74) N-amyl acetate	12.16	43	65063	20.079	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.59	83	45402	20.784	ug/l	97
76) 1,2,3-Trichloropropane	12.64	75	36048m	24.381	ug/l	
77) Bromobenzene	12.62	156	48942	21.332	ug/l	94
78) n-propylbenzene	12.68	91	257361	20.607	ug/l	100
79) 2-Chlorotoluene	12.77	91	146496	20.424	ug/l	99
80) 1,3,5-Trimethylbenzene	12.82	105	181197	20.915	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.39	75	16714	19.170	ug/l #	100
82) 4-Chlorotoluene	12.86	91	153823	20.089	ug/l	98
83) tert-Butylbenzene	13.08	119	151249	20.777	ug/l	98
84) 1,2,4-Trimethylbenzene	13.13	105	181828	21.135	ug/l	100
85) sec-Butylbenzene	13.26	105	216913	20.713	ug/l	100
86) p-Isopropyltoluene	13.37	119	192249	21.144	ug/l	99
87) 1,3-Dichlorobenzene	13.37	146	95701	22.056	ug/l	96
88) 1,4-Dichlorobenzene	13.45	146	94125	21.078	ug/l	99
89) n-Butylbenzene	13.70	91	188918	20.629	ug/l	100
90) Hexachloroethane	13.97	117	36293	20.428	ug/l	99
91) 1,2-Dichlorobenzene	13.75	146	85653	21.241	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.36	75	7356	18.667	ug/l	92

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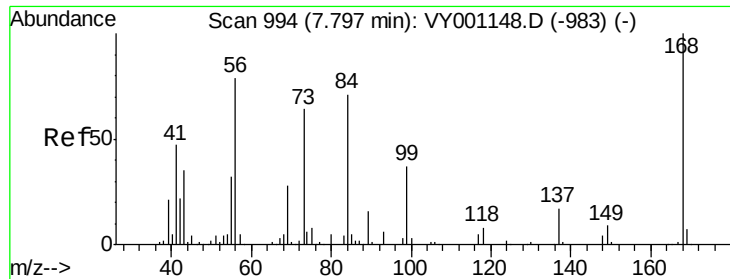
Manual Integrations
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MMDadoda
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	57392	21.601	ug/l	99
94) Hexachlorobutadiene	15.12	225	28893	21.586	ug/l	99
95) Naphthalene	15.24	128	126535	20.457	ug/l	99
96) 1,2,3-Trichlorobenzene	15.43	180	51236	21.881	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 998

Delta R.T. 0.02 min

Lab File: VY001268.D

Acq: 17 Jan 2020 16:27

Instrument :

MSVOA_Y

ClientSampleId :

VY0117SBS01

Tot Ion:168 Resp: 191462

Ion Ratio Lower Upper

168 100

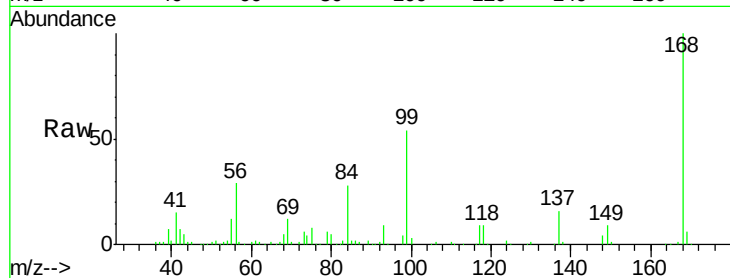
99 53.8 47.9 71.9

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VY001148.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY001148.D (-983) (-)

7.82

80000

60000

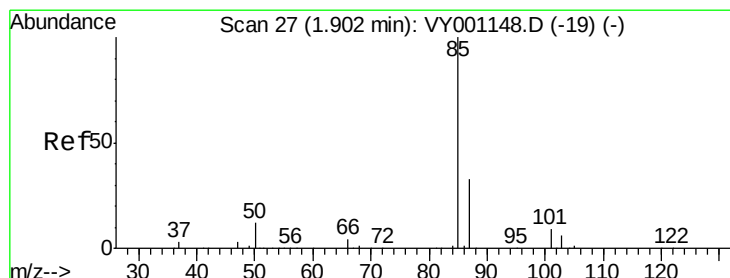
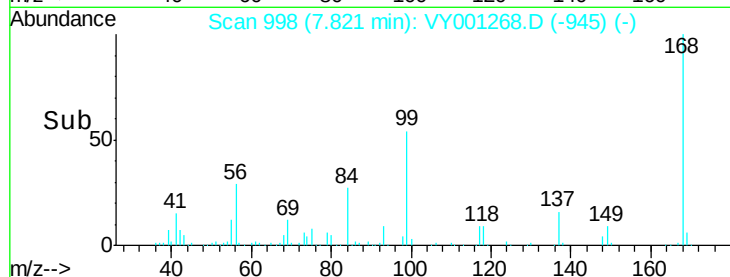
40000

20000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 18.523 ug/l

RT: 1.92 min Scan# 30

Delta R.T. 0.02 min

Lab File: VY001268.D

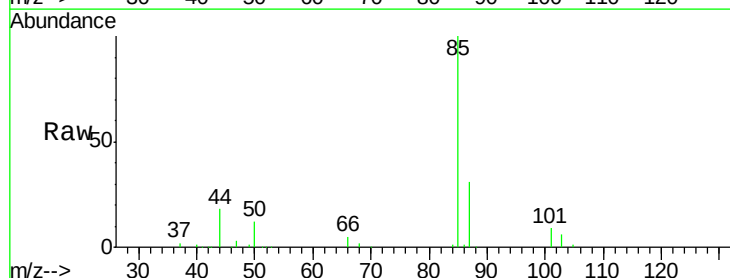
Acq: 17 Jan 2020 16:27

Tgt Ion: 85 Resp: 27236

Ion Ratio Lower Upper

85 100

87 30.7 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VY001148.D (-19) (-)

Ion 86.90 (86.60 to 87.60): VY001148.D (-19) (-)

1.92

20000

15000

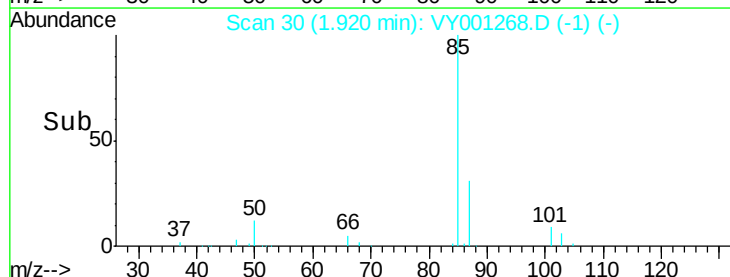
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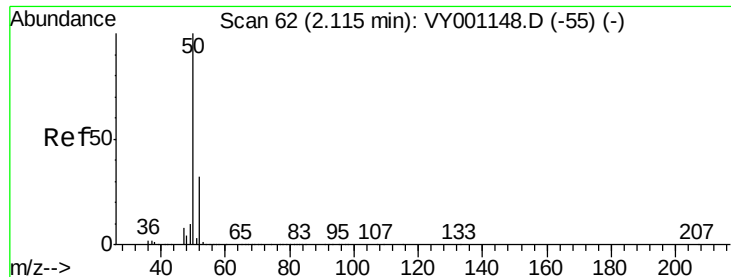
5000

0

1.85 1.90 1.95 2.00 2.05

Time-->





#3

Chloromethane

Concen: 19.467 ug/l

RT: 2.13 min Scan# 65

Delta R.T. 0.02 min

Lab File: VY001268.D

Acq: 17 Jan 2020 16:27

Instrument :

MSVOA_Y

ClientSampleId :

VY0117SBS01

Tot Ion: 50 Resp: 41260

Ion Ratio Lower Upper

50 100

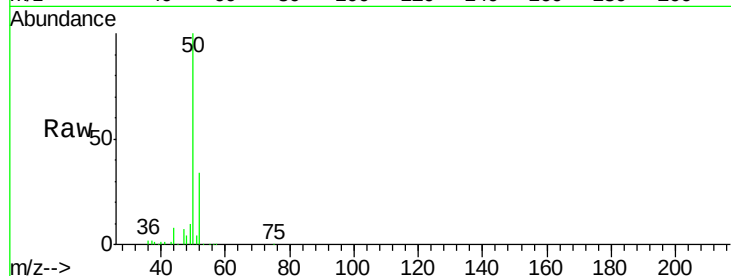
52 33.7 25.8 38.6

Manual Integrations

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Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0

2.13

30000

25000

20000

15000

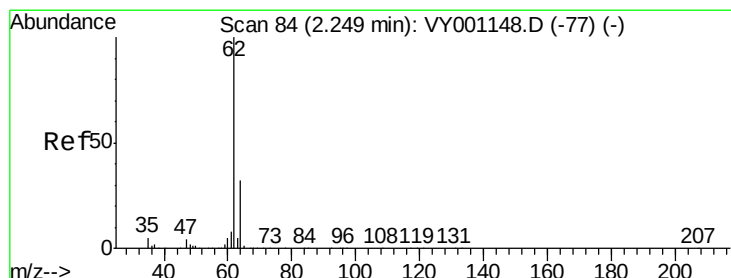
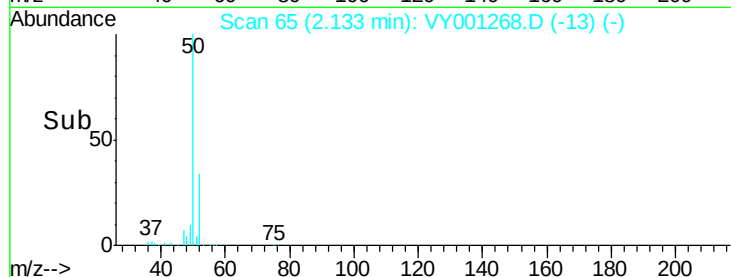
10000

5000

0

Time-->

2.05 2.10 2.15 2.20



#4

Vinyl Chloride

Concen: 20.485 ug/l

RT: 2.27 min Scan# 87

Delta R.T. 0.02 min

Lab File: VY001268.D

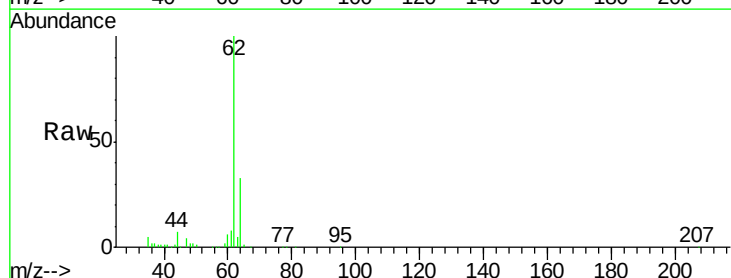
Acq: 17 Jan 2020 16:27

Tgt Ion: 62 Resp: 43741

Ion Ratio Lower Upper

62 100

64 32.9 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0

2.27

30000

25000

20000

15000

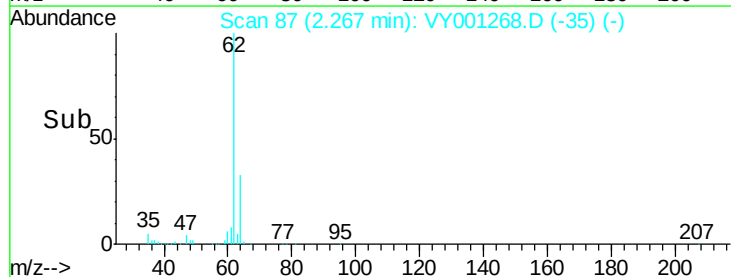
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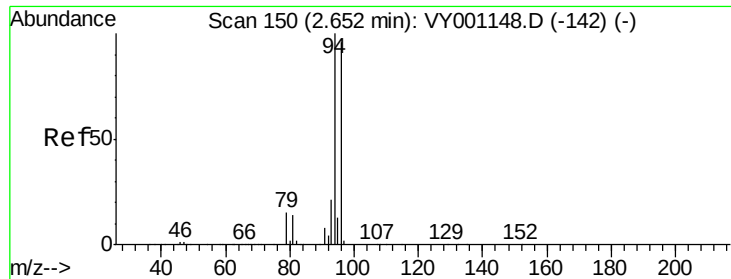
5000

0

Time-->

2.20 2.25 2.30 2.35





#5

Bromomethane

Concen: 28.039 ug/l

RT: 2.66 min Scan# 151

Delta R.T. 0.01 min

Lab File: VY001268.D

Acq: 17 Jan 2020 16:27

Instrument :

MSVOA_Y

ClientSampleId :

VY0117SBS01

Tot Ion: 94 Resp: 32159

Ion Ratio Lower Upper

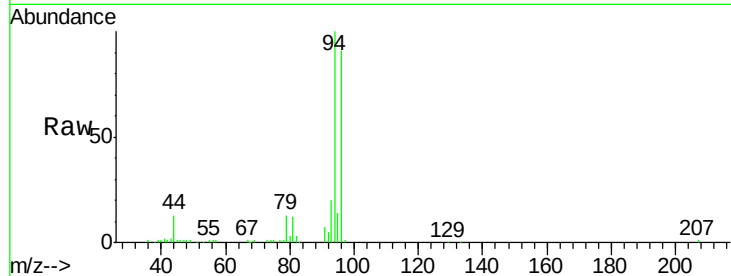
94 100

96 91.4 77.3 115.9

Manual Integrations
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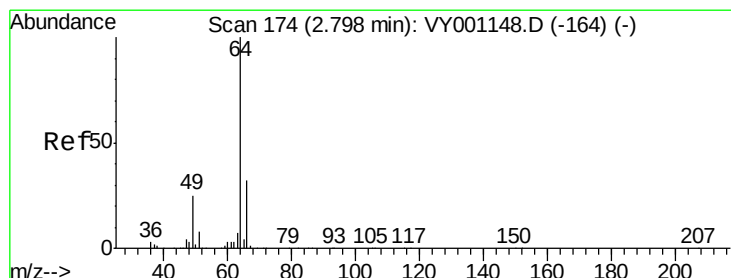
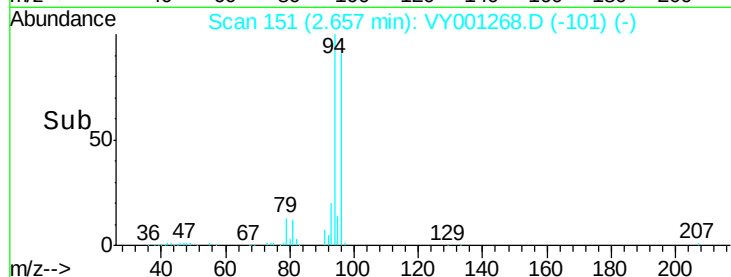
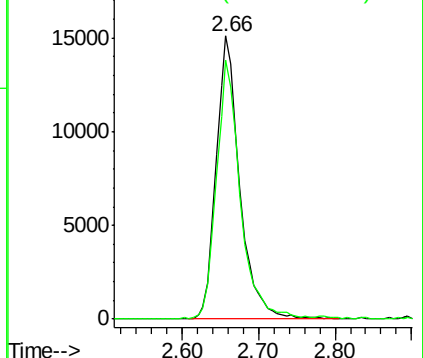
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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 23.651 ug/l

RT: 2.81 min Scan# 176

Delta R.T. 0.01 min

Lab File: VY001268.D

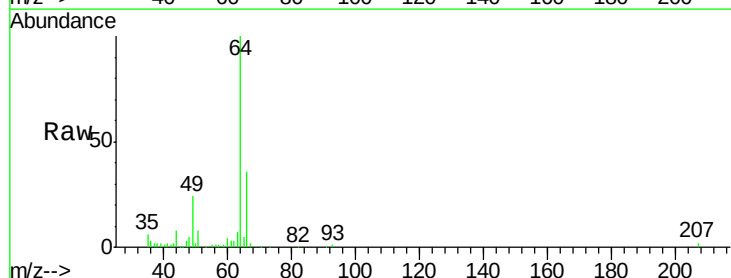
Acq: 17 Jan 2020 16:27

Tgt Ion: 64 Resp: 29176

Ion Ratio Lower Upper

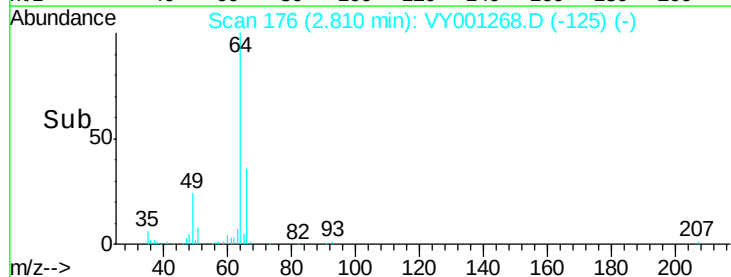
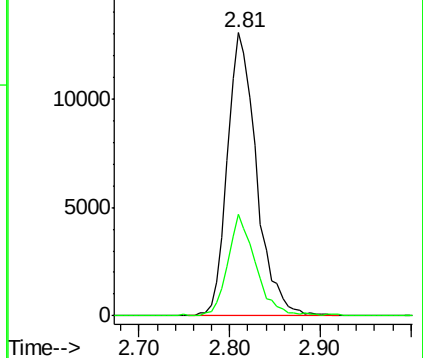
64 100

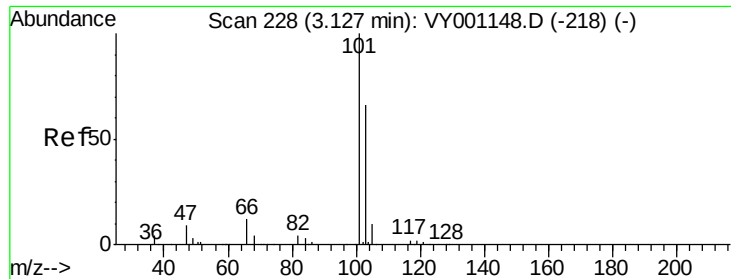
66 35.7 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

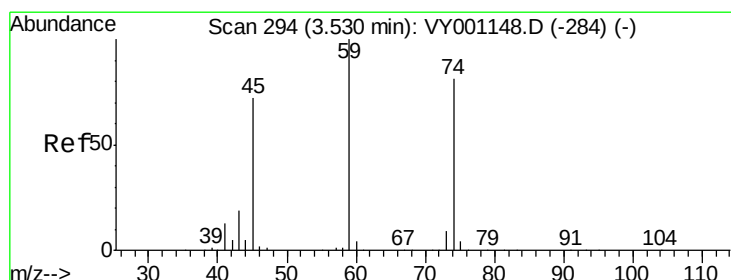
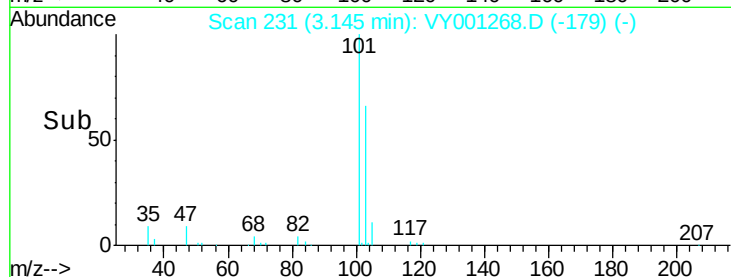
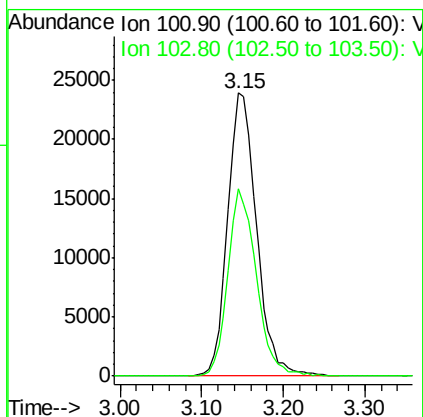
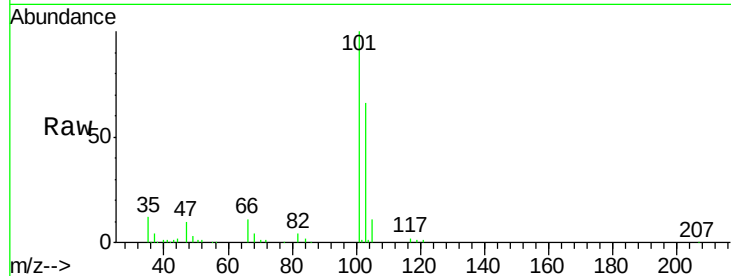
Trichlorofluoromethane
Concen: 19.693 ug/l
RT: 3.15 min Scan# 231
Delta R.T. 0.02 min
Lab File: VY001268.D
Acq: 17 Jan 2020 16:27

Instrument :
MSVOA_Y
ClientSampleId :
VY0117SBS01

Tot Ion:101 Resp: 58529
Ion Ratio Lower Upper
101 100
103 66.0 52.6 79.0

Manual Integrations
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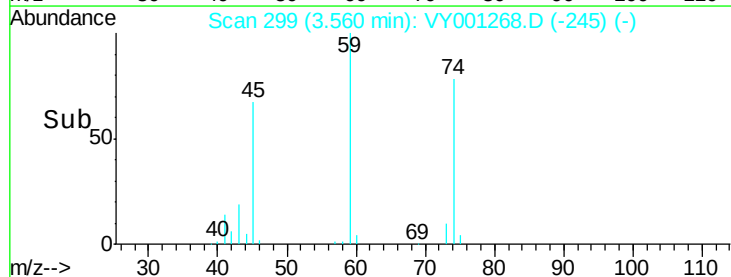
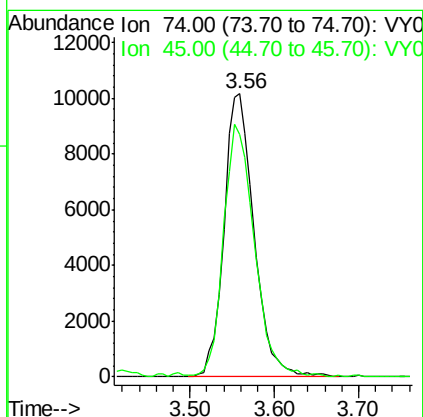
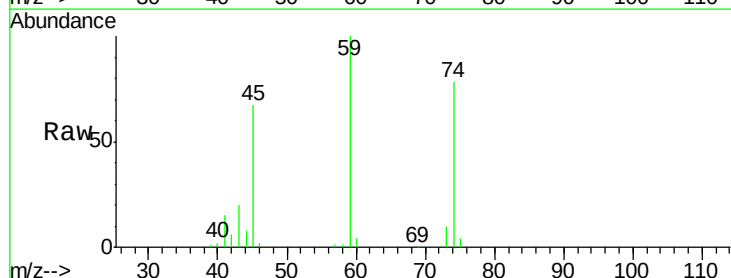
MMDadoda
1/20/2020 11:06:46 AM

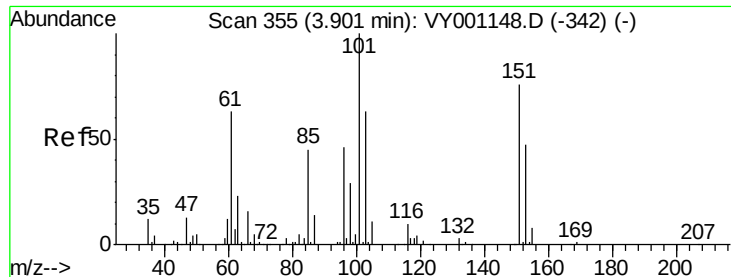


#8

Diethyl Ether
Concen: 21.363 ug/l
RT: 3.56 min Scan# 299
Delta R.T. 0.03 min
Lab File: VY001268.D
Acq: 17 Jan 2020 16:27

Tgt Ion: 74 Resp: 24672
Ion Ratio Lower Upper
74 100
45 92.4 45.5 136.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.103 ug/l

RT: 3.93 min Scan# 359

Delta R.T. 0.02 min

Lab File: VY001268.D

Acq: 17 Jan 2020 16:27

Instrument :

MSVOA_Y

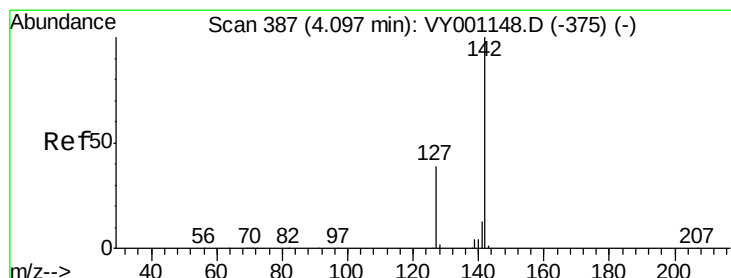
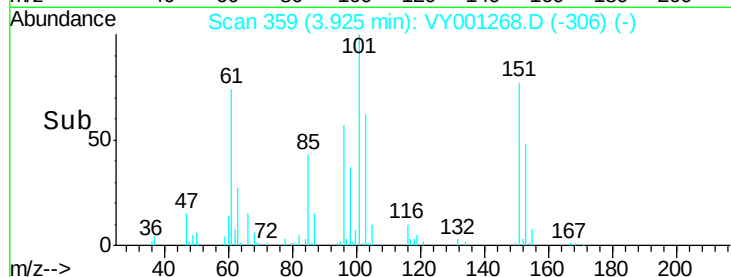
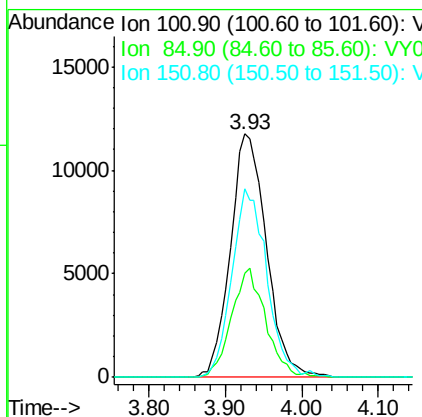
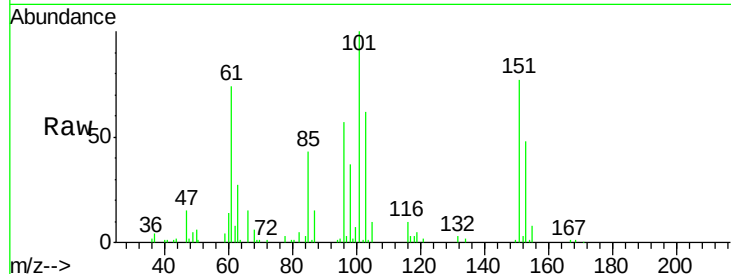
ClientSampleId :

VY0117SBS01

Tot Ion:	101	Resp:	38459
Ion Ratio	Lower	Upper	
101	100		
85	42.3	35.2	52.8
151	75.0	61.4	92.2

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#10

Methyl Iodide

Concen: 17.570 ug/l

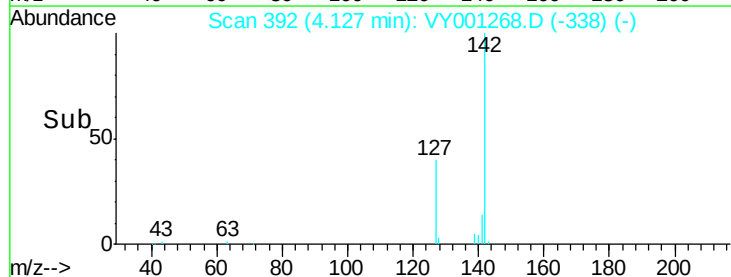
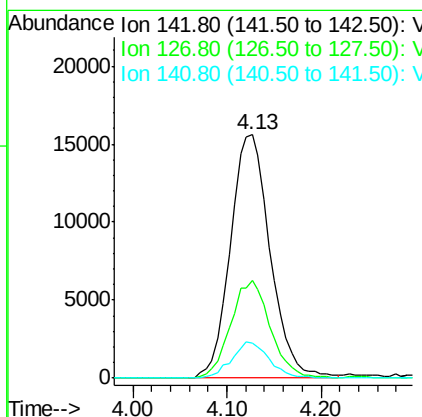
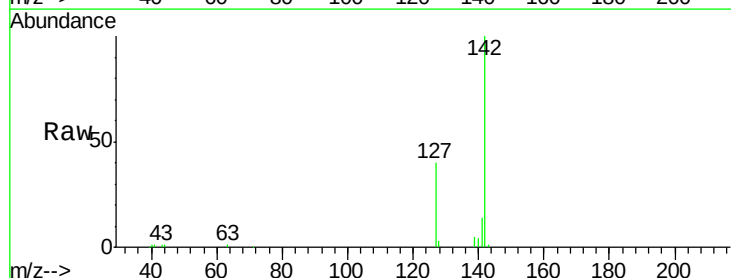
RT: 4.13 min Scan# 392

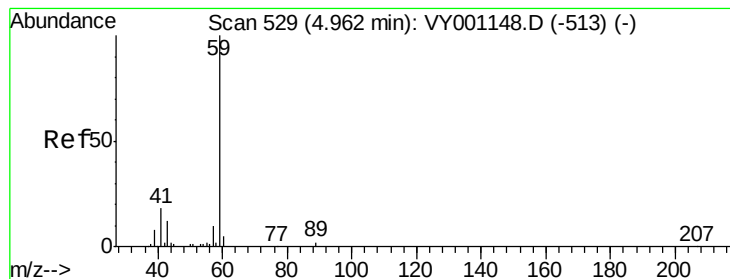
Delta R.T. 0.03 min

Lab File: VY001268.D

Acq: 17 Jan 2020 16:27

Tgt Ion:	142	Resp:	46009
Ion Ratio	Lower	Upper	
142	100		
127	39.9	30.8	46.2
141	14.1	11.0	16.4





#11

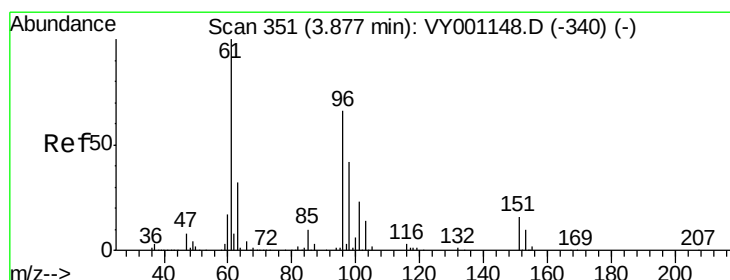
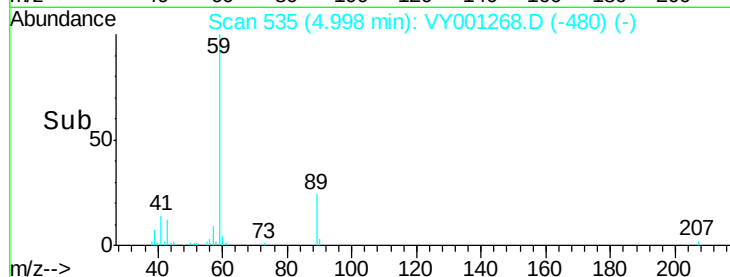
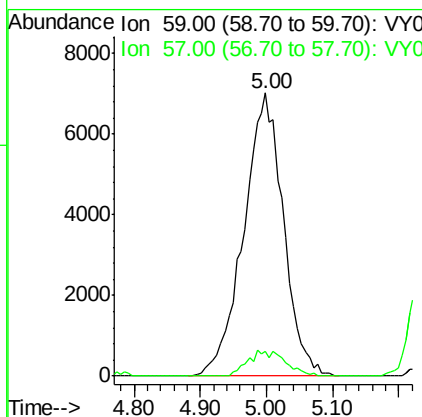
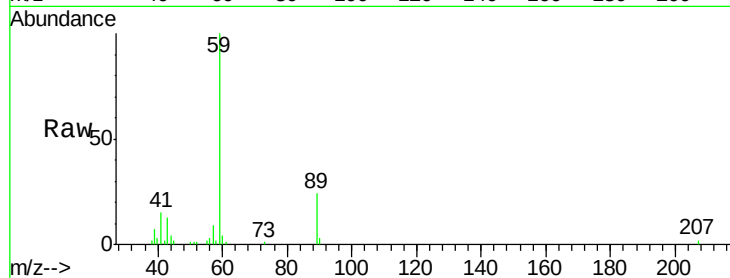
Tert butyl alcohol
Concen: 143.602 ug/l
RT: 5.00 min Scan# 535
Delta R.T. 0.04 min
Lab File: VY001268.D
Acq: 17 Jan 2020 16:27

Instrument :
MSVOA_Y
ClientSampleId :
VY0117SBS01

Tot Ion	59	Resp	29217
Ion Ratio	100	Lower	Upper
57	4.9	7.8	11.8#

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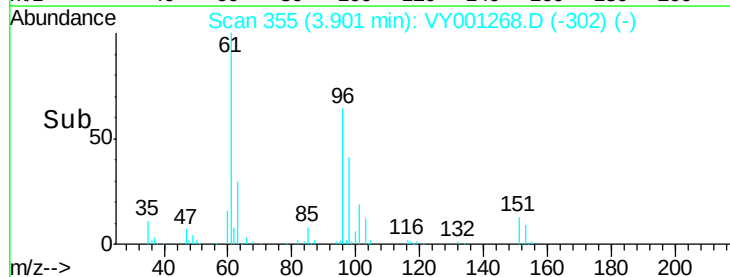
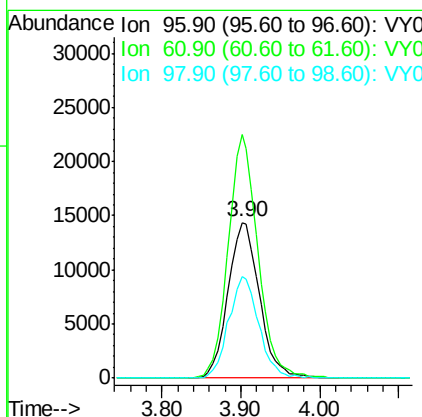
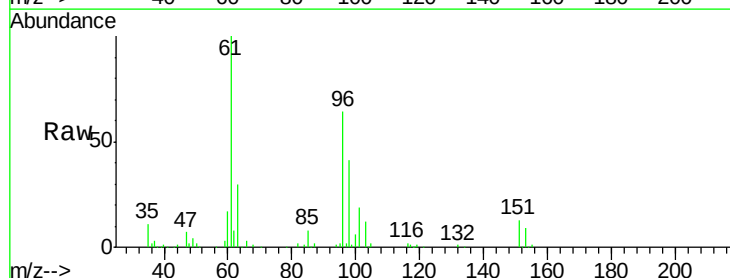
MMDadoda
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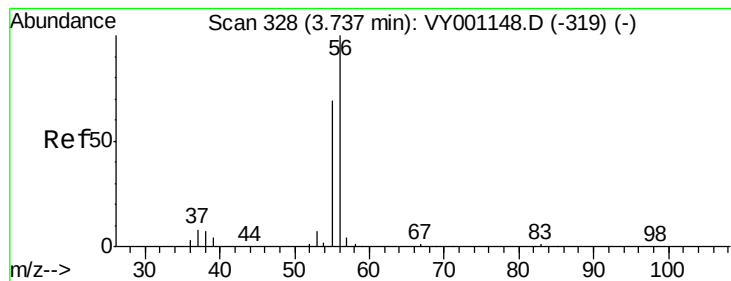


#12

1,1-Dichloroethene
Concen: 20.364 ug/l
RT: 3.90 min Scan# 355
Delta R.T. 0.02 min
Lab File: VY001268.D
Acq: 17 Jan 2020 16:27

Tgt Ion	96	Resp	39858
Ion Ratio	100	Lower	Upper
61	156.3	122.1	183.1
98	64.8	51.0	76.6





#13

Acrolein

Concen: 110.606 ug/l

RT: 3.76 min Scan# 332

Delta R.T. 0.02 min

Lab File: VY001268.D

Acq: 17 Jan 2020 16:27

Instrument :

MSVOA_Y

ClientSampleId :

VY0117SBS01

Tot Ion: 56 Resp: 20259

Ion Ratio Lower Upper

56 100

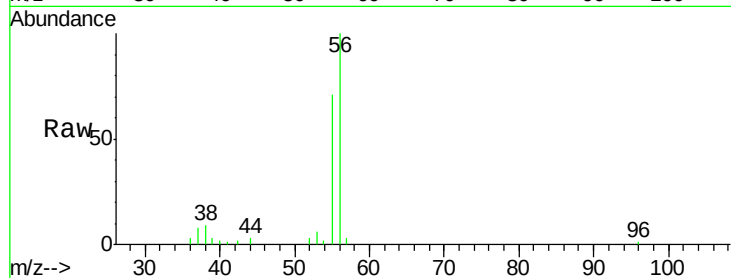
55 73.5 56.7 85.1

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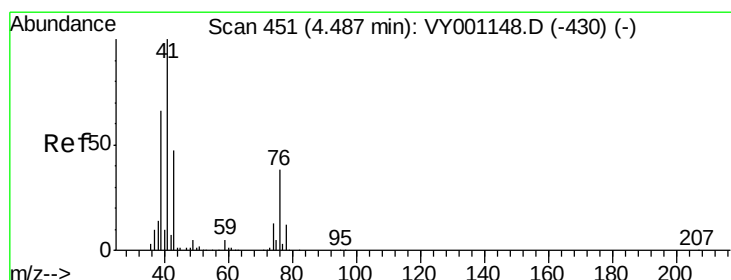
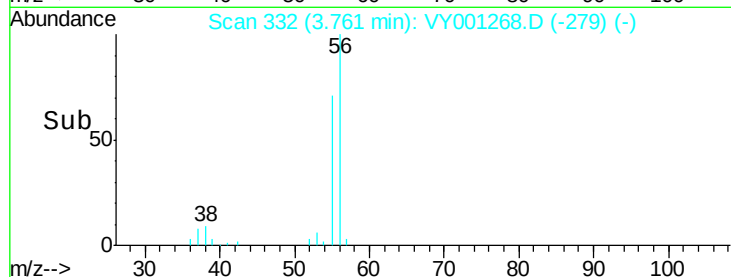
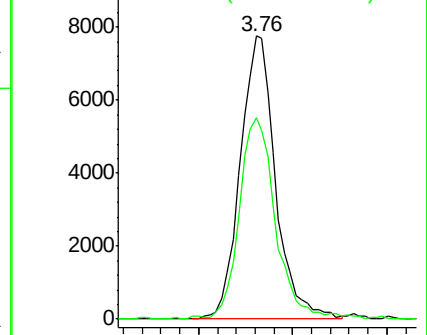
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Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0



#14

Allyl chloride

Concen: 20.663 ug/l

RT: 4.52 min Scan# 456

Delta R.T. 0.03 min

Lab File: VY001268.D

Acq: 17 Jan 2020 16:27

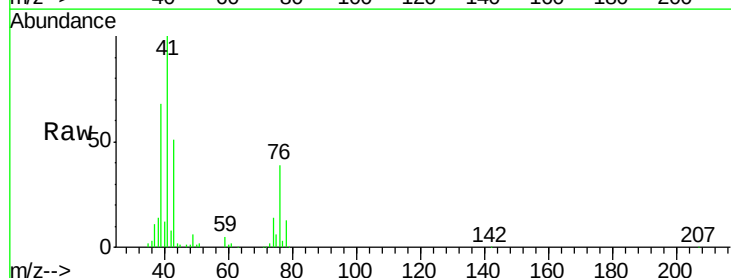
Tgt Ion: 41 Resp: 68259

Ion Ratio Lower Upper

41 100

39 65.8 52.6 78.8

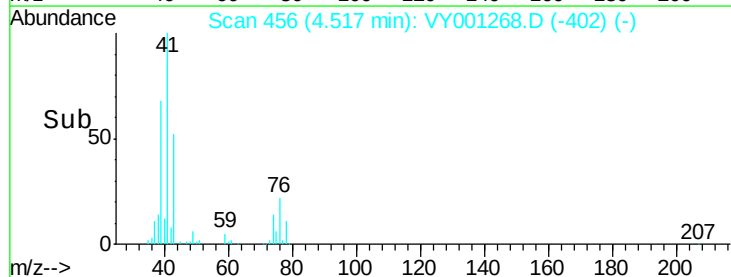
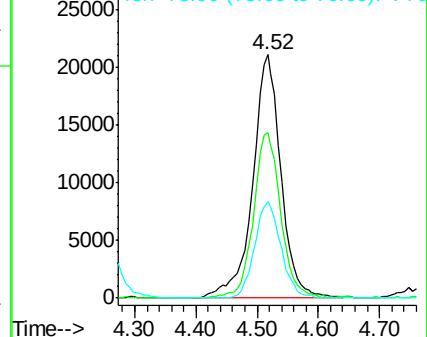
76 37.1 30.2 45.2

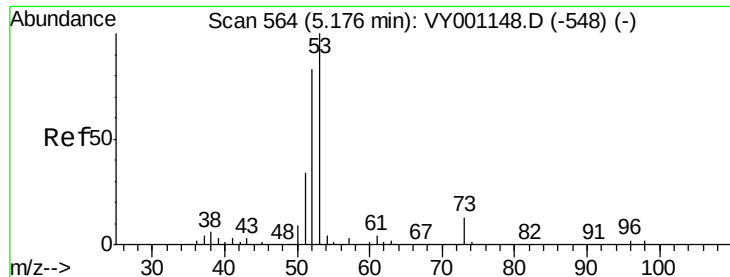


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0





#15

Acrylonitrile

Concen: 108.965 ug/l

RT: 5.21 min Scan# 569

Delta R.T. 0.03 min

Lab File: VY001268.D

Acq: 17 Jan 2020 16:27

Instrument :

MSVOA_Y

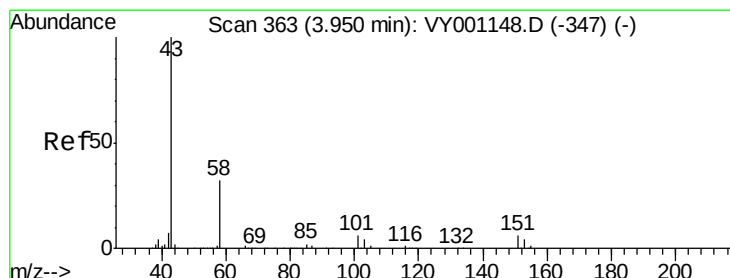
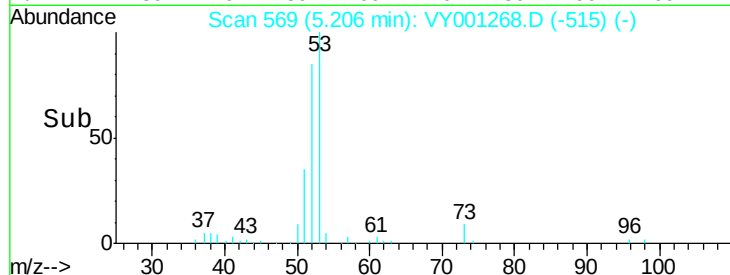
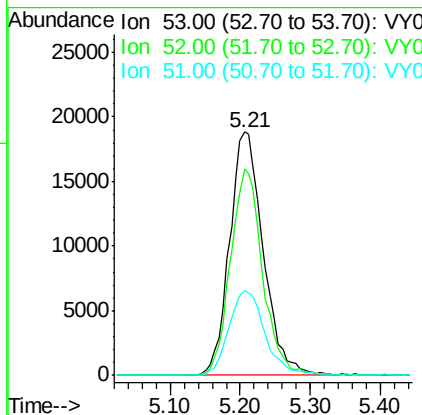
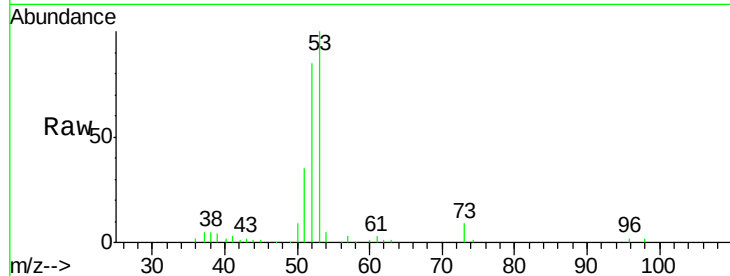
ClientSampleId :

VY0117SBS01

Tot Ion:	53	Resp:	62937
Ion	Ratio	Lower	Upper
53	100		
52	80.7	65.7	98.5
51	37.2	28.7	43.1

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#16

Acetone

Concen: 115.320 ug/l

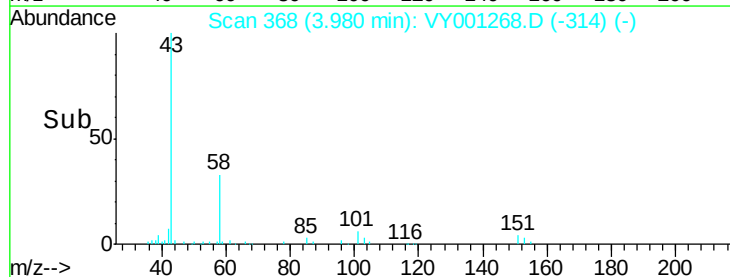
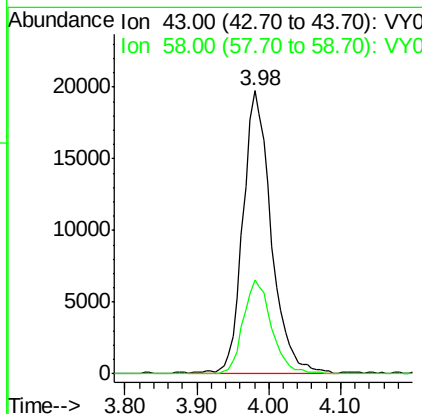
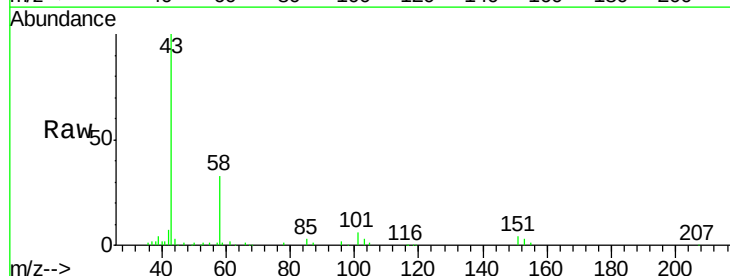
RT: 3.98 min Scan# 368

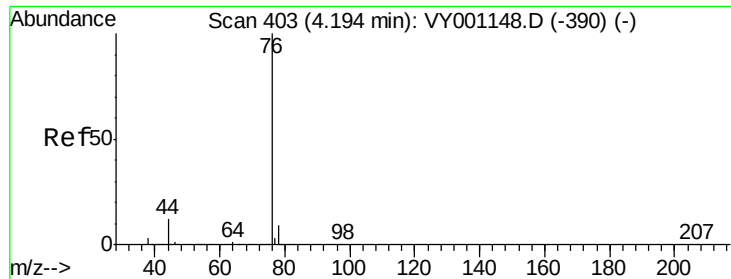
Delta R.T. 0.03 min

Lab File: VY001268.D

Acq: 17 Jan 2020 16:27

Tgt Ion:	43	Resp:	54158
Ion	Ratio	Lower	Upper
43	100		
58	33.4	25.8	38.6





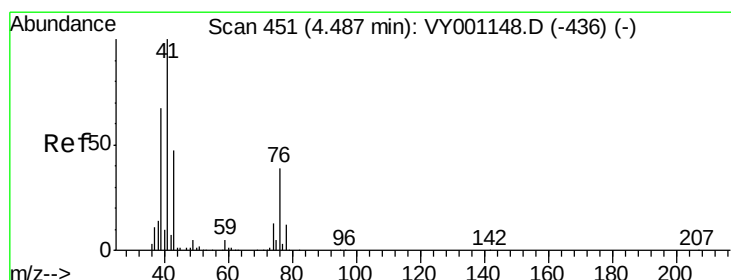
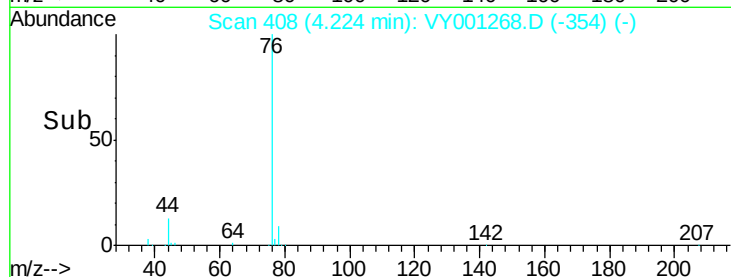
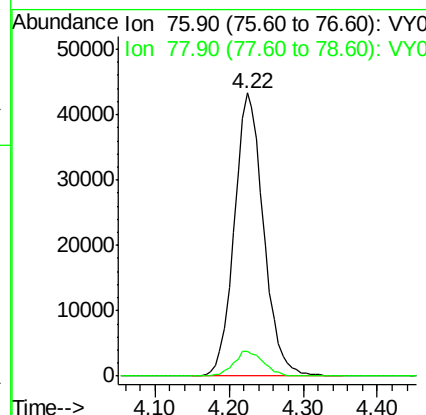
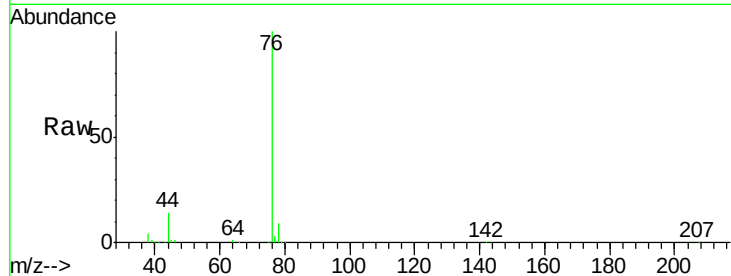
#17
Carbon Disulfide
Concen: 18.763 ug/l
RT: 4.22 min Scan# 408
Delta R.T. 0.03 min
Lab File: VY001268.D
Acq: 17 Jan 2020 16:27

Instrument :
MSVOA_Y
ClientSampleId :
VY0117SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.2	10.8

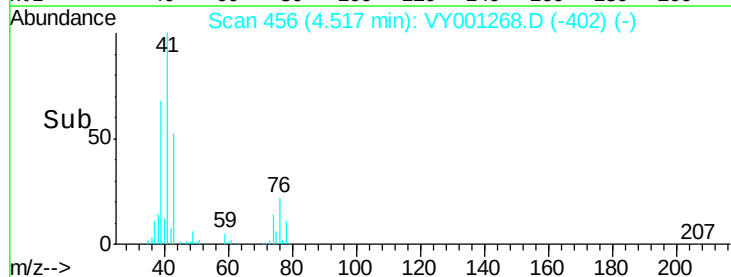
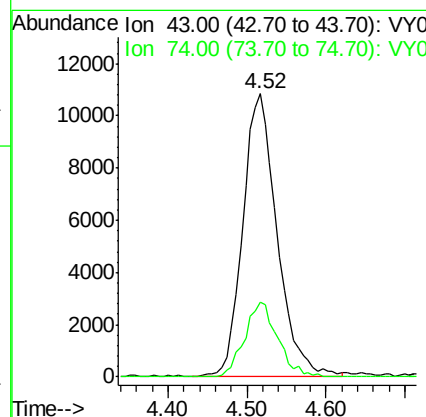
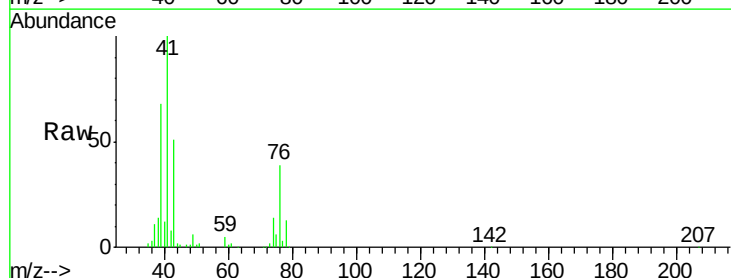
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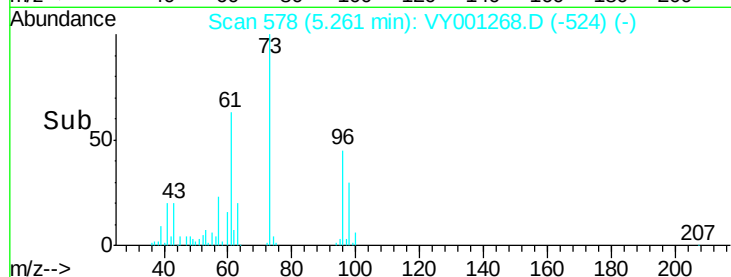
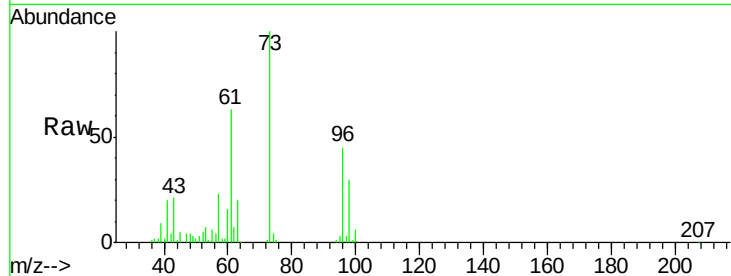
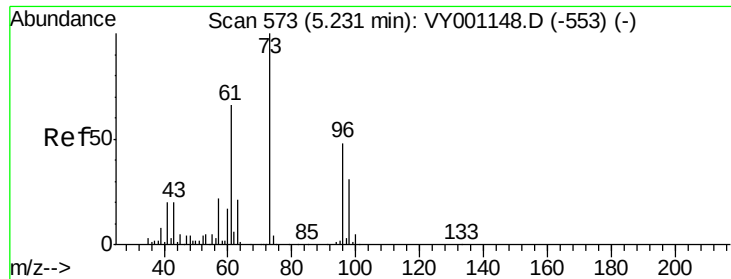
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#18
Methyl Acetate
Concen: 21.143 ug/l
RT: 4.52 min Scan# 456
Delta R.T. 0.03 min
Lab File: VY001268.D
Acq: 17 Jan 2020 16:27

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.4	20.2	30.2





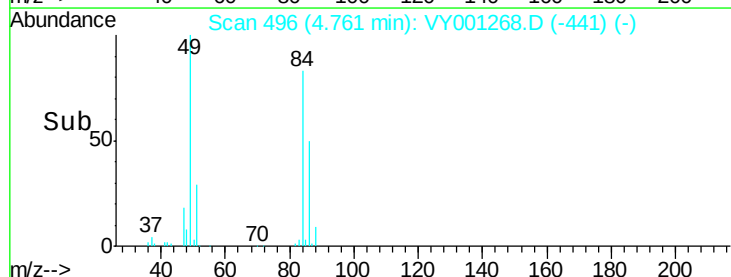
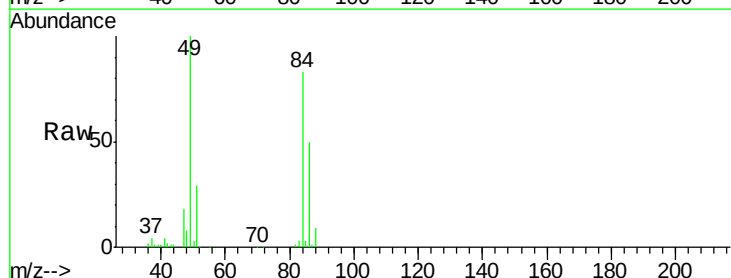
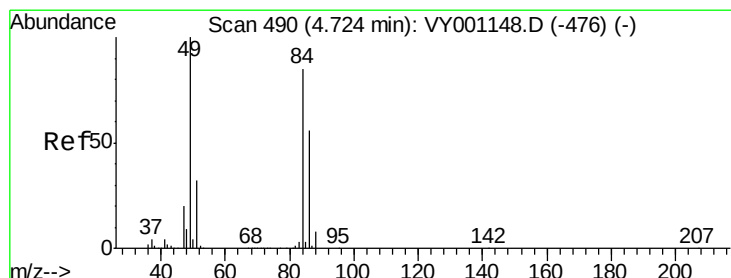
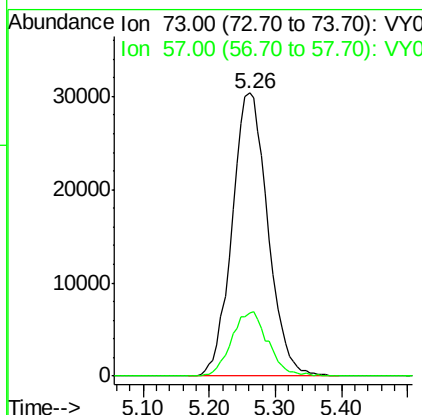
#19
Methyl tert-butyl Ether
Concen: 21.049 ug/l
RT: 5.26 min Scan# 578
Delta R.T. 0.03 min
Lab File: VY001268.D
Acq: 17 Jan 2020 16:27

Tot Ion: 73 Resp: 113959
Ion Ratio Lower Upper
73 100
57 22.5 17.8 26.6

Instrument :
MSVOA_Y
ClientSampleId :
VY0117SBS01

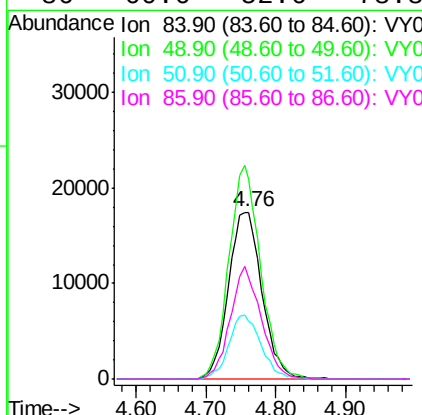
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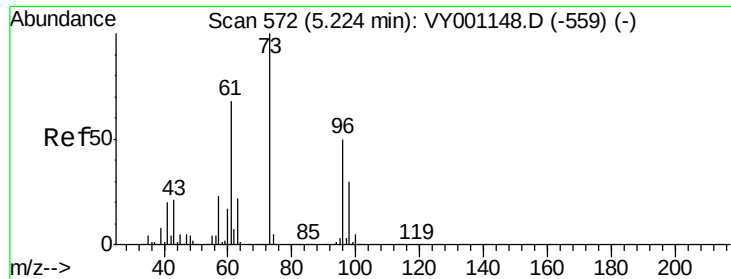
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#20
Methylene Chloride
Concen: 23.543 ug/l
RT: 4.76 min Scan# 496
Delta R.T. 0.04 min
Lab File: VY001268.D
Acq: 17 Jan 2020 16:27

Tgt Ion: 84 Resp: 57922
Ion Ratio Lower Upper
84 100
49 120.0 93.8 140.6
51 34.6 29.9 44.9
86 60.6 52.6 78.8





#21

trans-1,2-Dichloroethene

Concen: 20.593 ug/l

RT: 5.27 min Scan# 579

Delta R.T. 0.04 min

Lab File: VY001268.D

Acq: 17 Jan 2020 16:27

Instrument :

MSVOA_Y

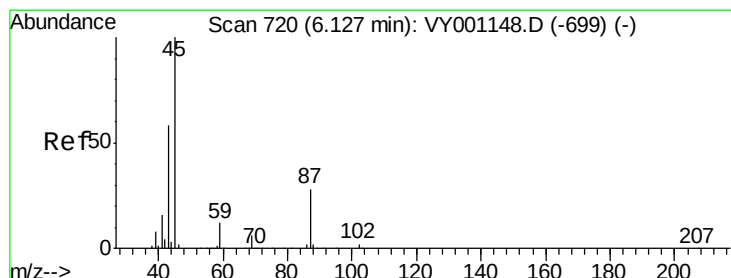
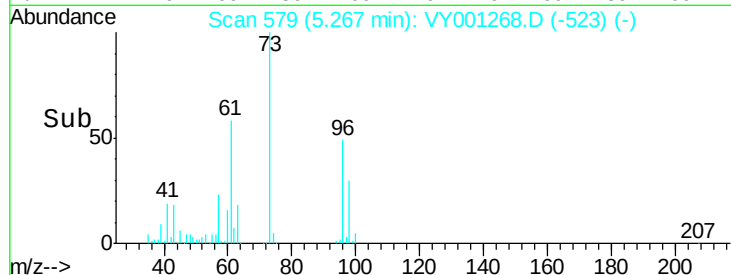
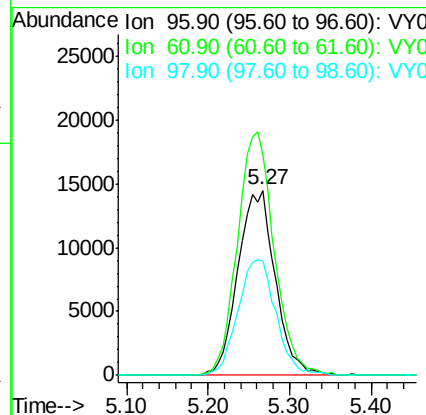
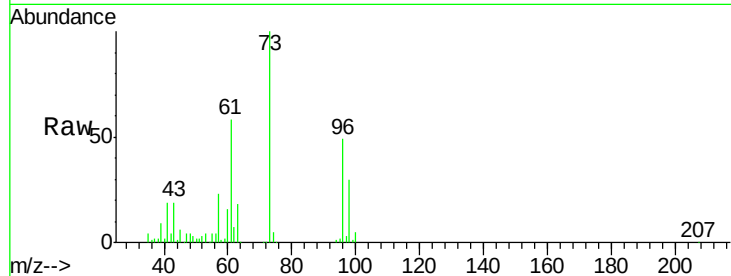
ClientSampleId :

VY0117SBS01

Tot Ion:	96	Resp:	45703
Ion	Ratio	Lower	Upper
96	100		
61	119.3	107.6	161.4
98	61.6	47.6	71.4

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#22

Diisopropyl ether

Concen: 21.483 ug/l

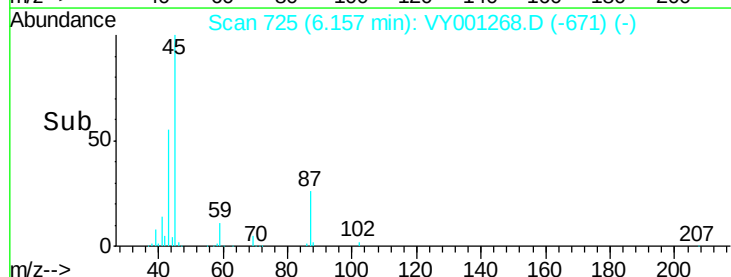
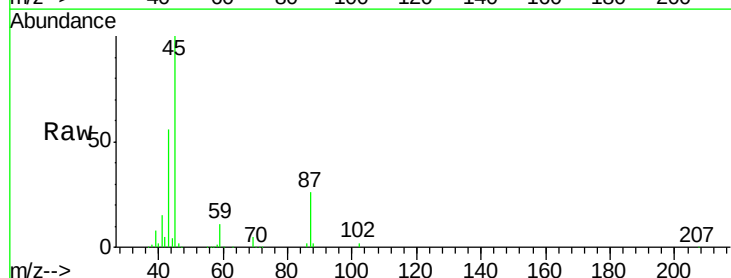
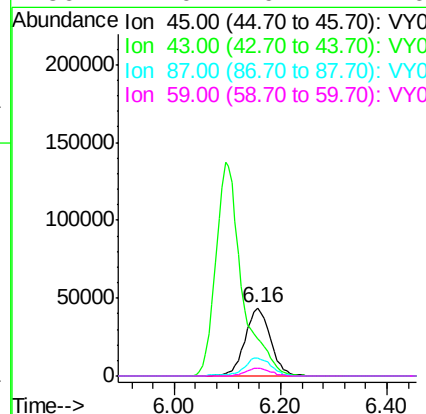
RT: 6.16 min Scan# 725

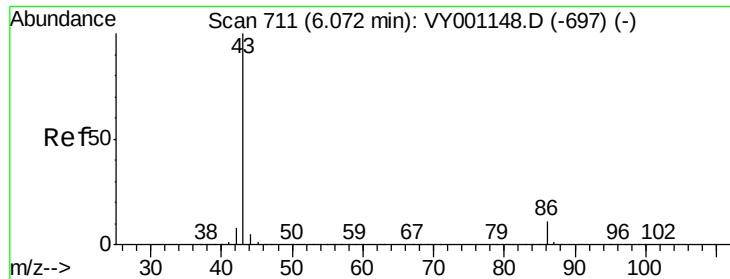
Delta R.T. 0.03 min

Lab File: VY001268.D

Acq: 17 Jan 2020 16:27

Tgt Ion:	45	Resp:	144952
Ion	Ratio	Lower	Upper
45	100		
43	55.3	46.5	69.7
87	26.5	22.5	33.7
59	11.0	9.4	14.0





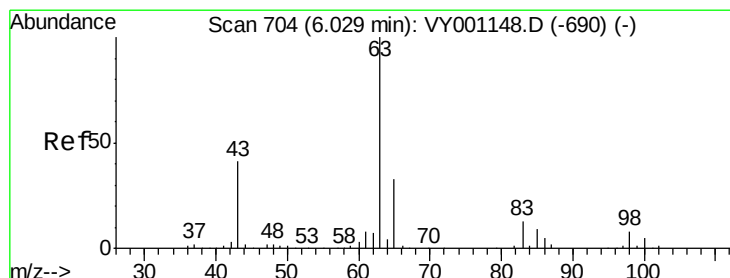
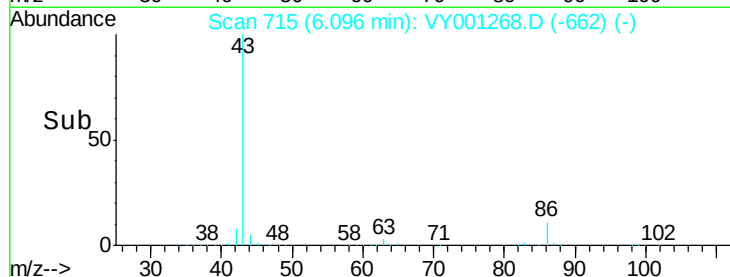
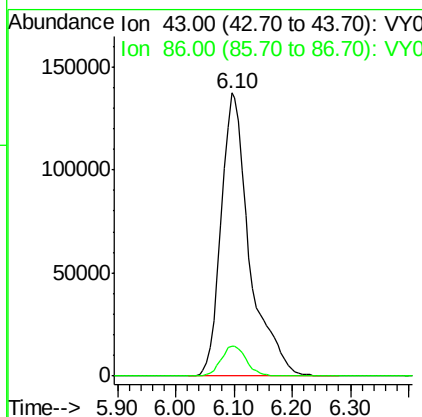
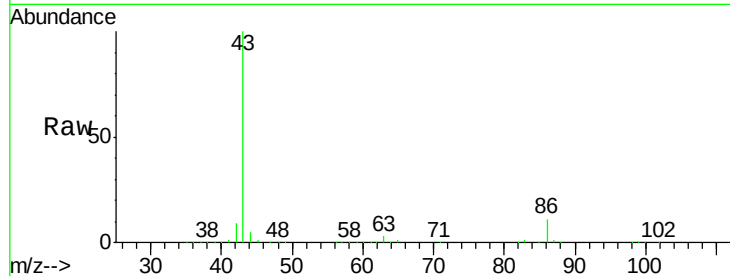
#23
 Vinyl Acetate
 Concen: 107.976 ug/l
 RT: 6.10 min Scan# 715
 Delta R.T. 0.02 min
 Lab File: VY001268.D
 Acq: 17 Jan 2020 16:27

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0117SBS01

Tot Ion: 43 Resp: 465933
 Ion Ratio Lower Upper
 43 100
 86 10.7 9.0 13.4

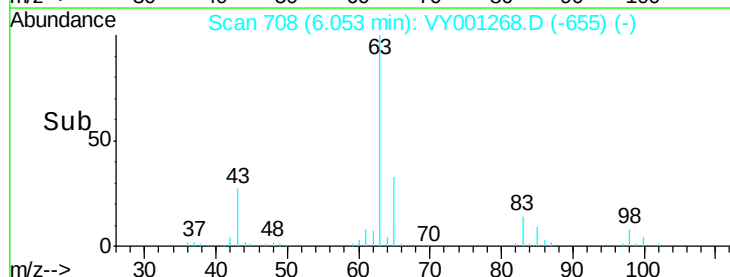
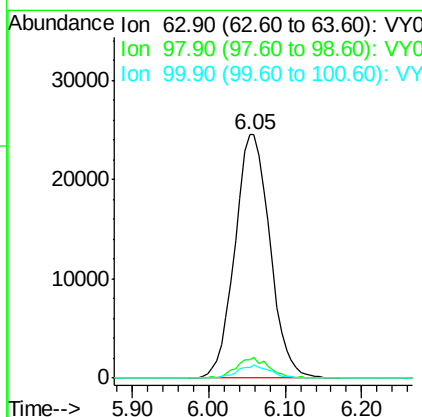
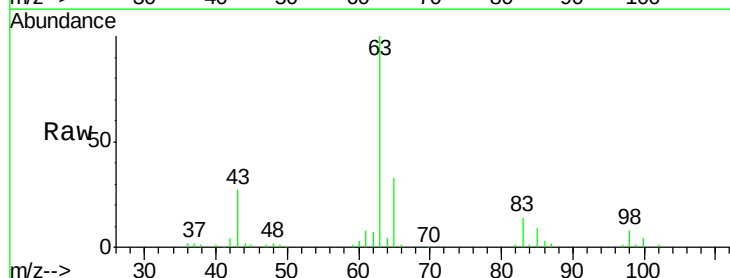
Manual Integrations
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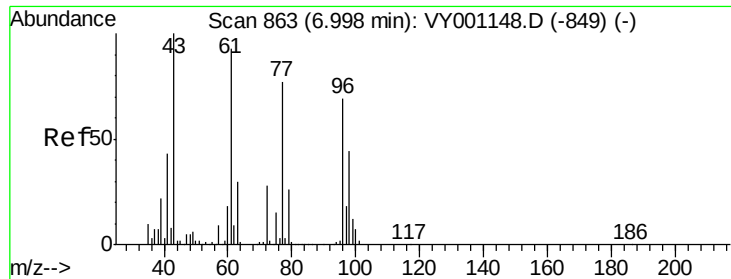
MMDadoda
 1/20/2020 11:06:46 AM



#24
 1,1-Dichloroethane
 Concen: 21.145 ug/l
 RT: 6.05 min Scan# 708
 Delta R.T. 0.02 min
 Lab File: VY001268.D
 Acq: 17 Jan 2020 16:27

Tgt Ion: 63 Resp: 78104
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.9 11.7
 100 4.4 2.4 7.2





#25

2-Butanone

Concen: 115.450 ug/l

RT: 7.02 min Scan# 867

Delta R.T. 0.02 min

Lab File: VY001268.D

Acq: 17 Jan 2020 16:27

Instrument :

MSVOA_Y

ClientSampleId :

VY0117SBS01

Tot Ion: 43 Resp: 84384

Ion Ratio Lower Upper

43 100

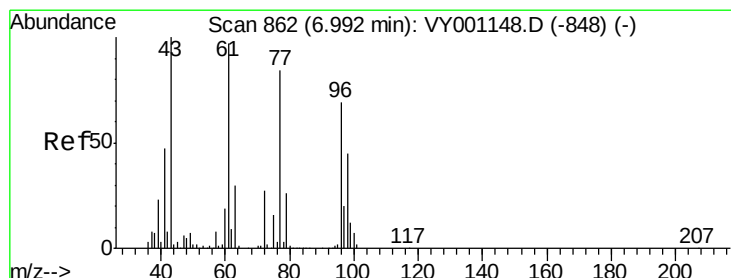
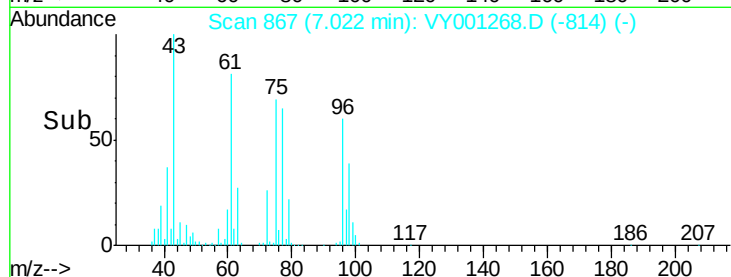
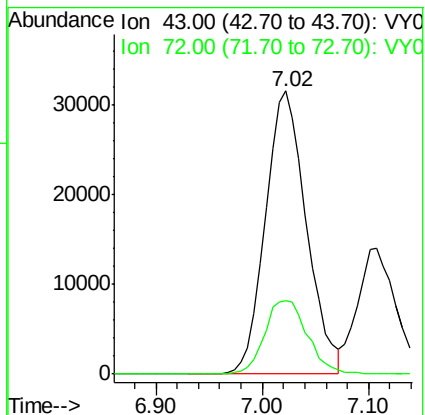
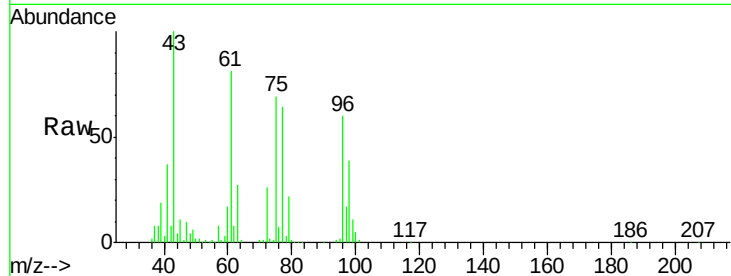
72 25.8 22.2 33.2

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 20.700 ug/l

RT: 7.02 min Scan# 866

Delta R.T. 0.02 min

Lab File: VY001268.D

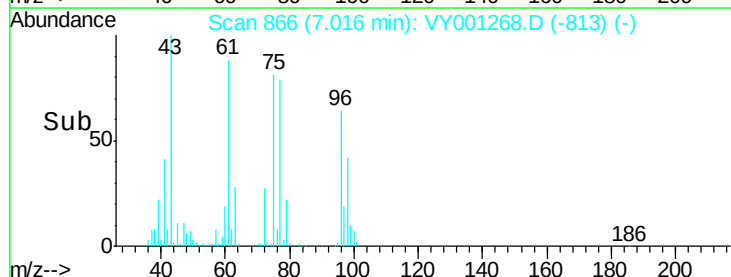
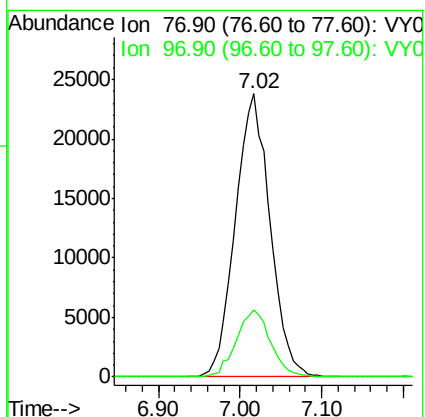
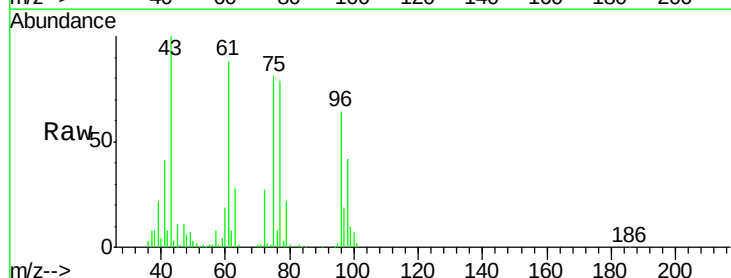
Acq: 17 Jan 2020 16:27

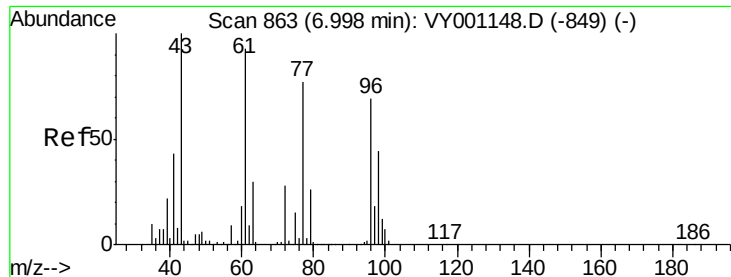
Tgt Ion: 77 Resp: 70313

Ion Ratio Lower Upper

77 100

97 23.3 11.9 35.7





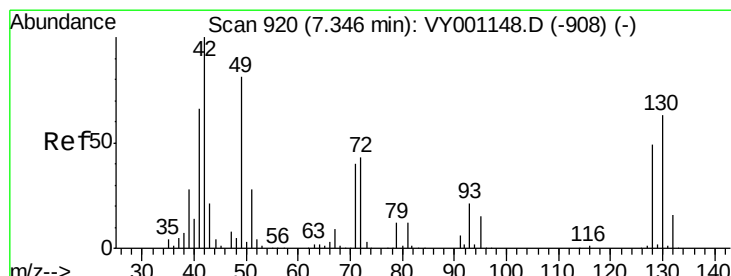
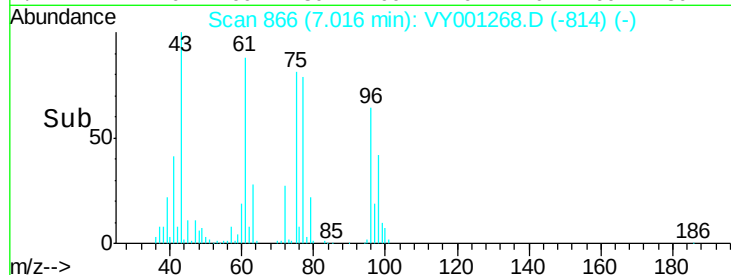
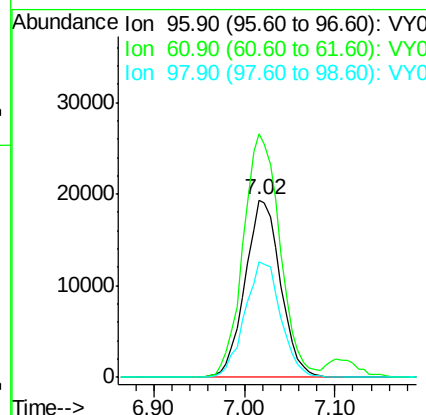
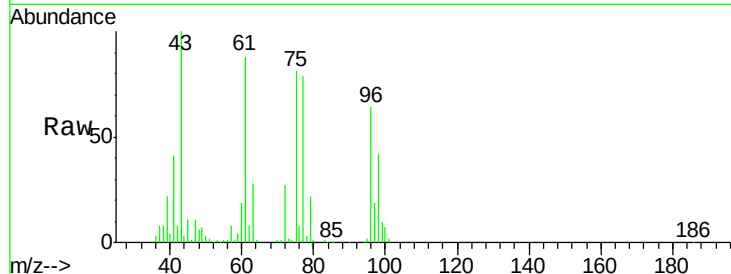
#27
 cis-1,2-Dichloroethene
 Concen: 21.539 ug/l
 RT: 7.02 min Scan# 866
 Delta R.T. 0.02 min
 Lab File: VY001268.D
 Acq: 17 Jan 2020 16:27

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0117SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	142.5	0.0	284.0
98	65.9	0.0	130.2

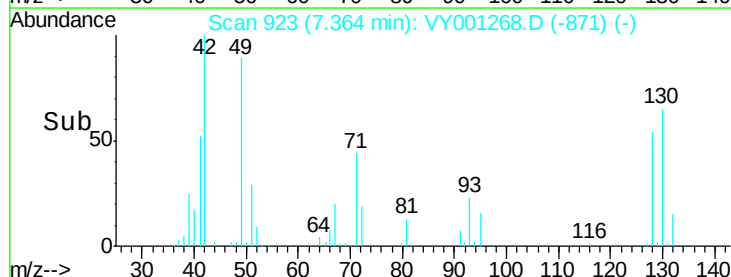
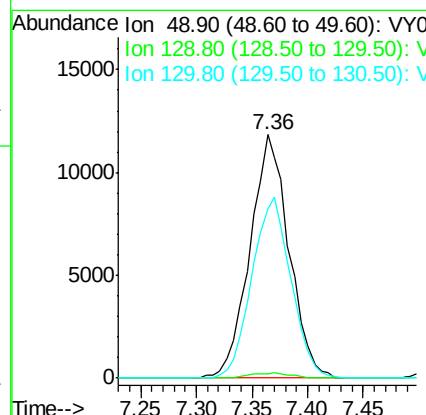
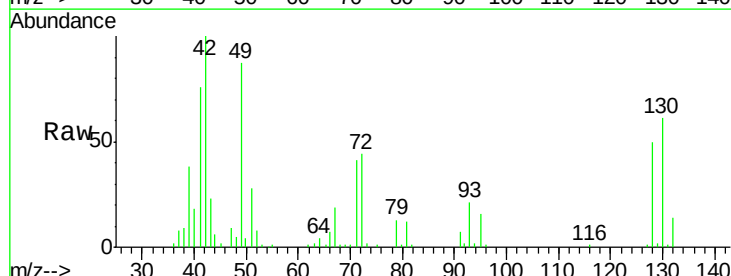
Manual Integrations
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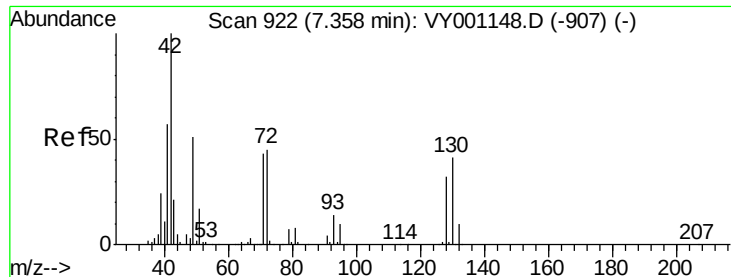
MMDadoda
 1/20/2020 11:06:46 AM



#28
 Bromochloromethane
 Concen: 18.991 ug/l
 RT: 7.36 min Scan# 923
 Delta R.T. 0.02 min
 Lab File: VY001268.D
 Acq: 17 Jan 2020 16:27

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.4
130	74.6	61.2	91.8





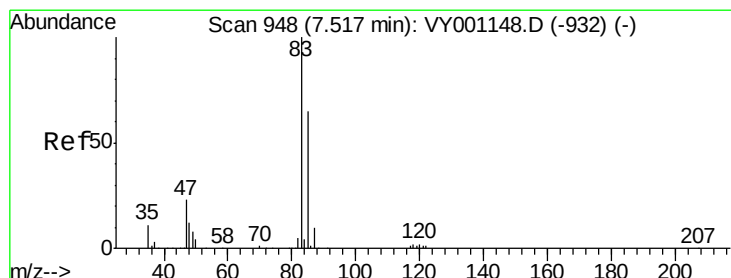
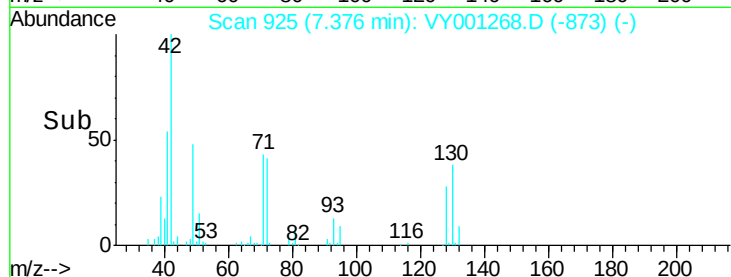
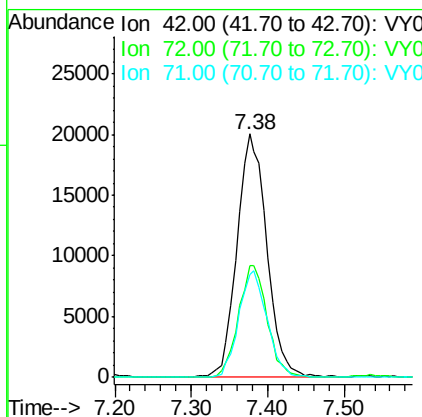
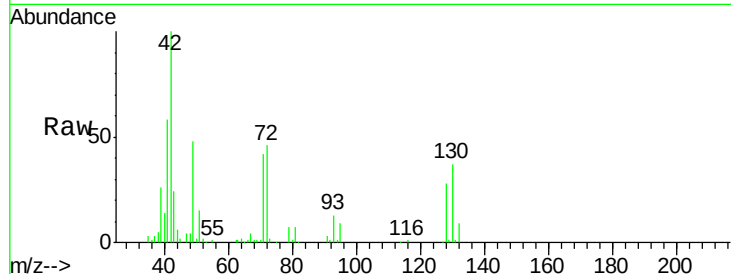
#29
Tetrahydrofuran
Concen: 107.910 ug/l
RT: 7.38 min Scan# 925
Delta R.T. 0.02 min
Lab File: VY001268.D
Acq: 17 Jan 2020 16:27

Instrument :
MSVOA_Y
ClientSampleId :
VY0117SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.5	36.9	55.3
71	41.8	34.0	51.0

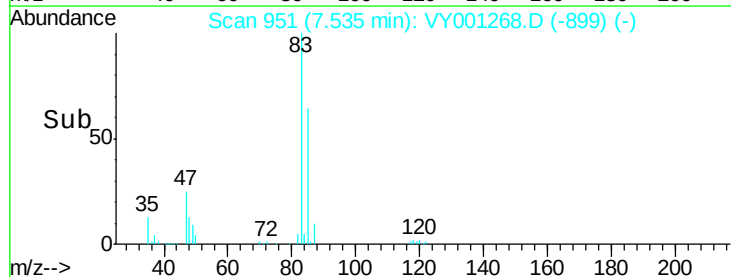
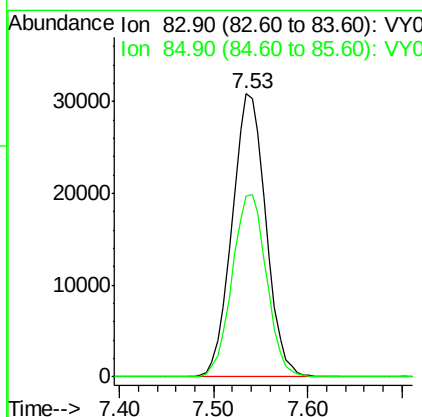
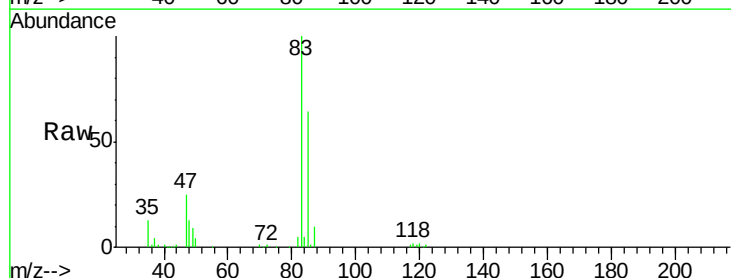
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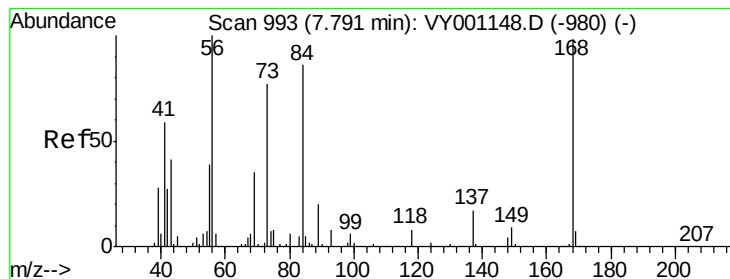
MMDadoda
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#30
Chloroform
Concen: 21.293 ug/l
RT: 7.53 min Scan# 951
Delta R.T. 0.02 min
Lab File: VY001268.D
Acq: 17 Jan 2020 16:27

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.0	51.9	77.9





#31

Cyclohexane

Concen: 18.962 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.02 min

Lab File: VY001268.D

Acq: 17 Jan 2020 16:27

Instrument :

MSVOA_Y

ClientSampleId :

VY0117SBS01

Tot Ion: 56 Resp: 74159

Ion Ratio Lower Upper

56 100

69 40.0 27.8 41.8

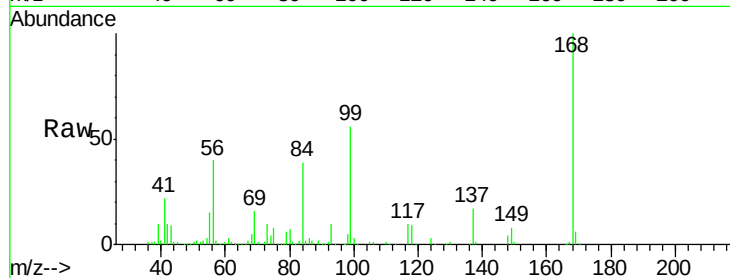
84 95.3 68.9 103.3

Manual Integrations

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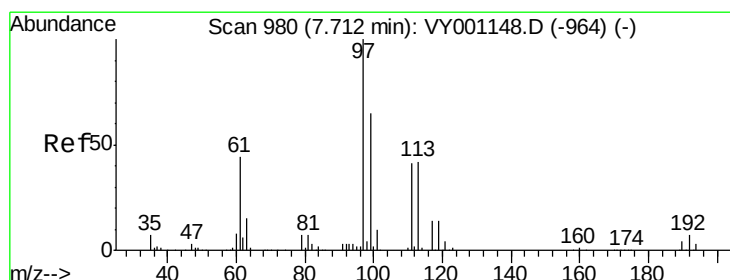
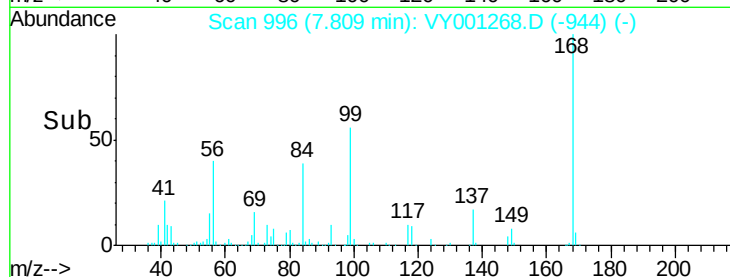
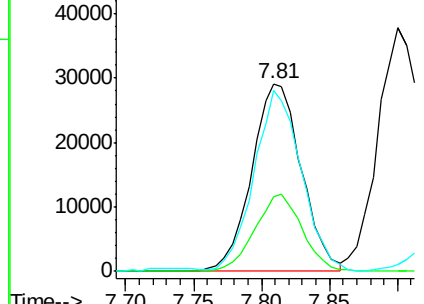
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Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 69.00 (68.70 to 69.70): VY0

Ion 84.00 (83.70 to 84.70): VY0



#32

1,1,1-Trichloroethane

Concen: 20.199 ug/l

RT: 7.73 min Scan# 983

Delta R.T. 0.02 min

Lab File: VY001268.D

Acq: 17 Jan 2020 16:27

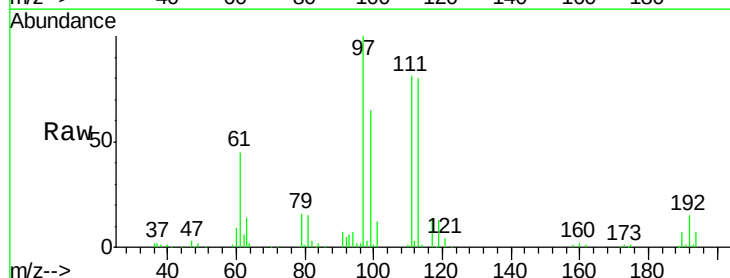
Tgt Ion: 97 Resp: 64867

Ion Ratio Lower Upper

97 100

99 64.4 51.3 76.9

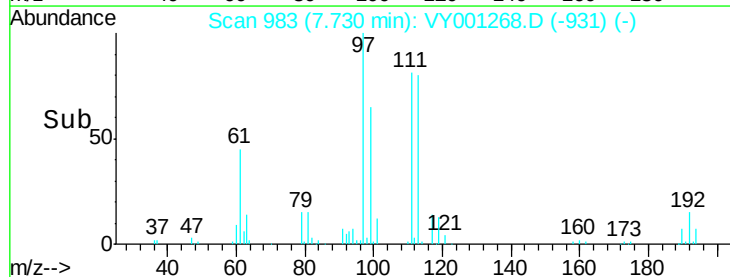
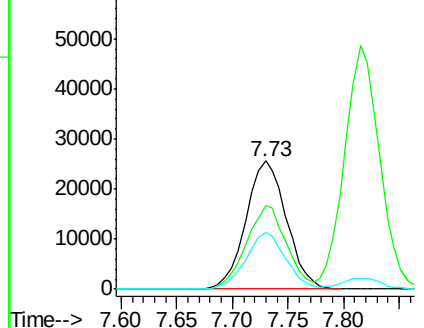
61 43.6 34.6 52.0

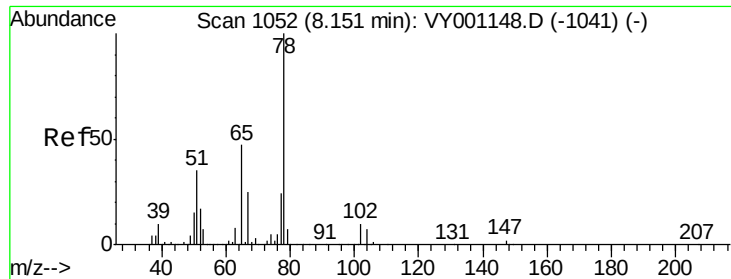


Abundance Ion 96.90 (96.60 to 97.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

Ion 60.90 (60.60 to 61.60): VY0





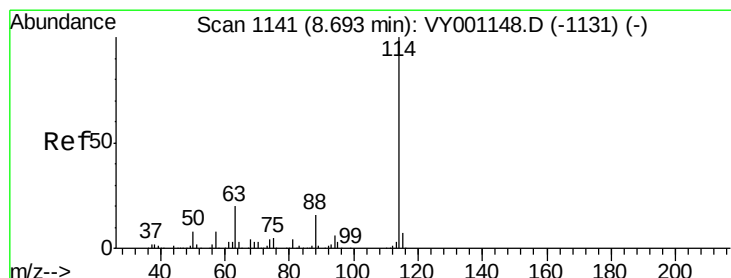
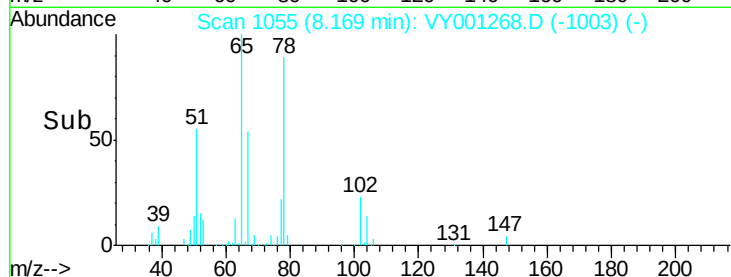
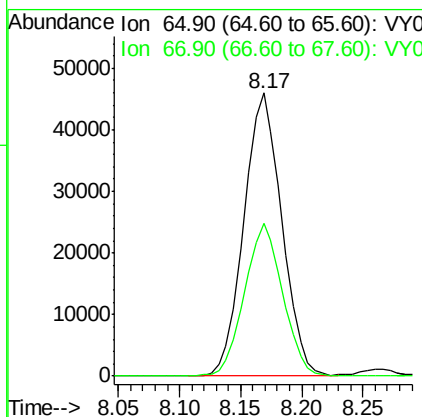
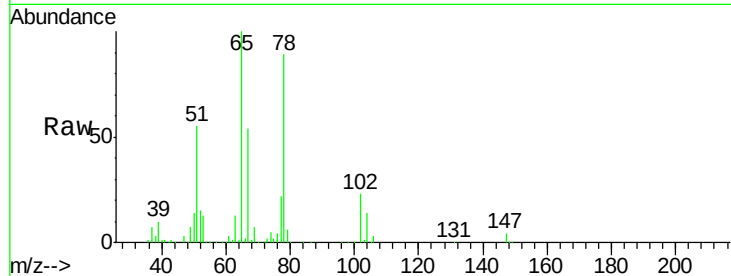
#33
 1,2-Dichloroethane-d4
 Concen: 49.127 ug/l
 RT: 8.17 min Scan# 1055
 Delta R.T. 0.02 min
 Lab File: VY001268.D
 Acq: 17 Jan 2020 16:27

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0117SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	99343		
67	54.0	0.0	105.2	

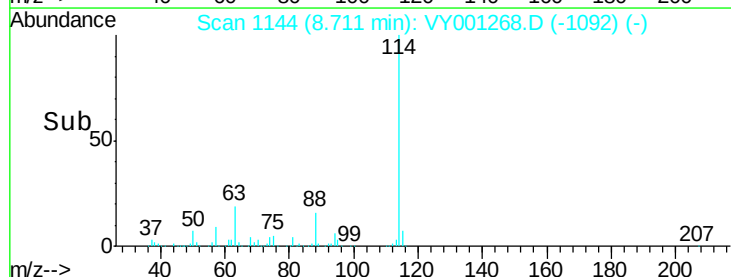
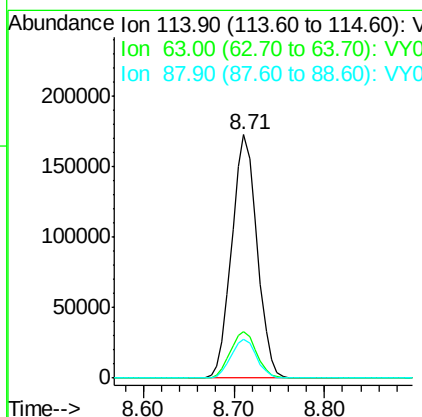
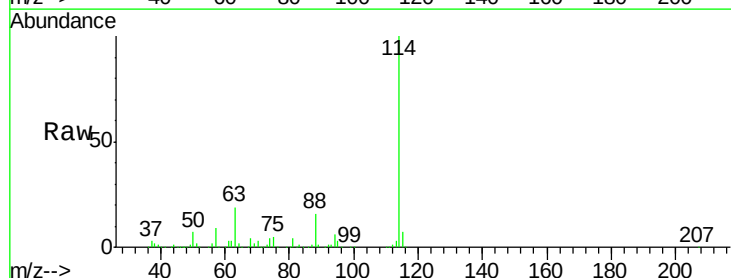
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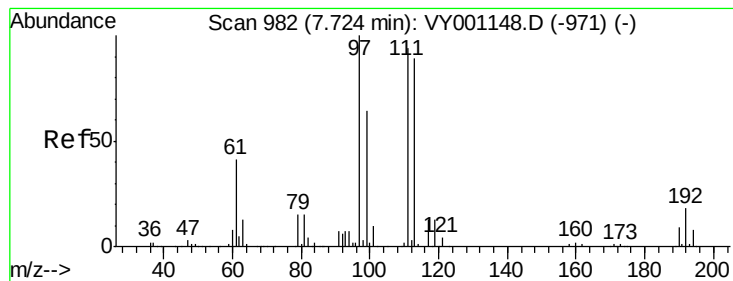
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1144
 Delta R.T. 0.02 min
 Lab File: VY001268.D
 Acq: 17 Jan 2020 16:27

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	333377		
63	19.4	0.0	40.8	
88	15.7	0.0	32.4	





#35

Dibromofluoromethane

Concen: 47.401 ug/l

RT: 7.75 min Scan# 986

Delta R.T. 0.02 min

Lab File: VY001268.D

Acq: 17 Jan 2020 16:27

Instrument :

MSVOA_Y

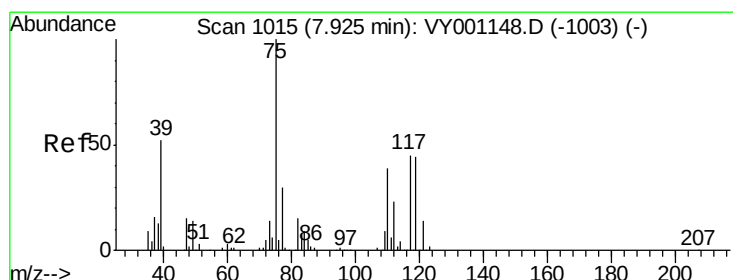
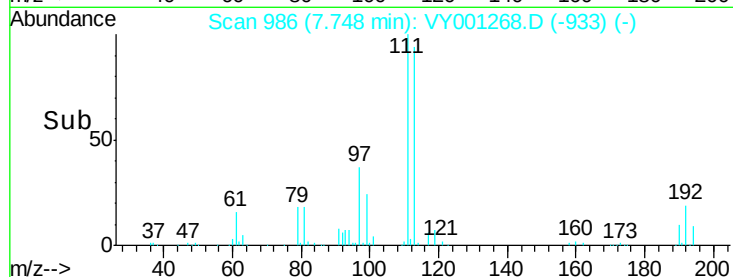
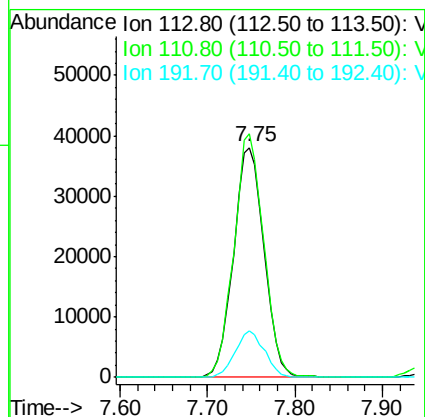
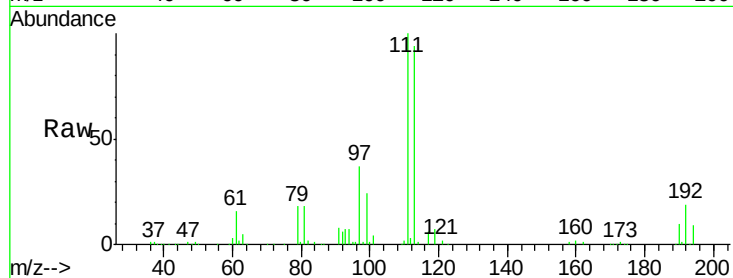
ClientSampleId :

VY0117SBS01

Tot Ion:	113	Resp:	92523
Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.9	124.3
192	19.5	15.4	23.2

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 20.204 ug/l

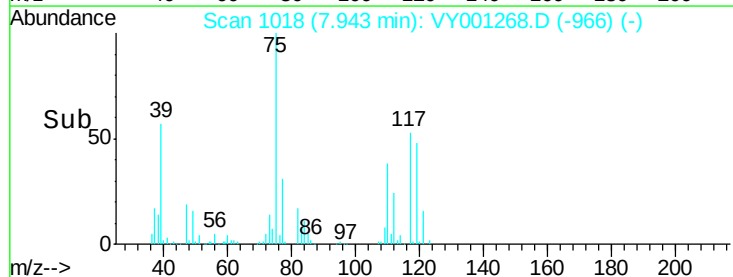
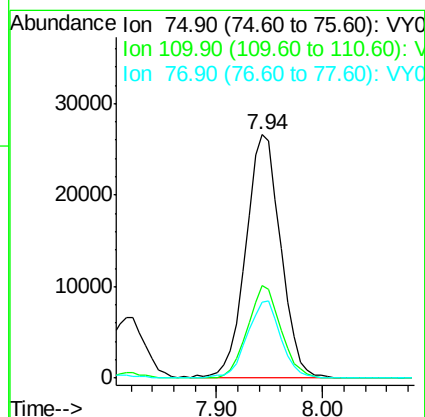
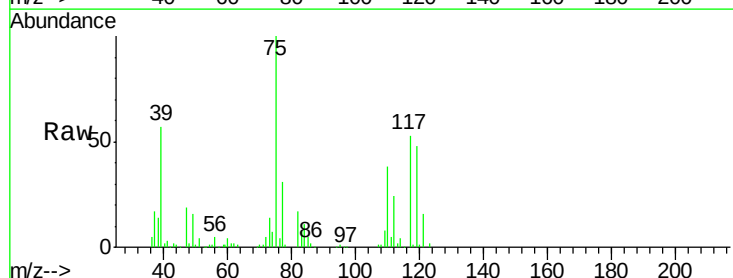
RT: 7.94 min Scan# 1018

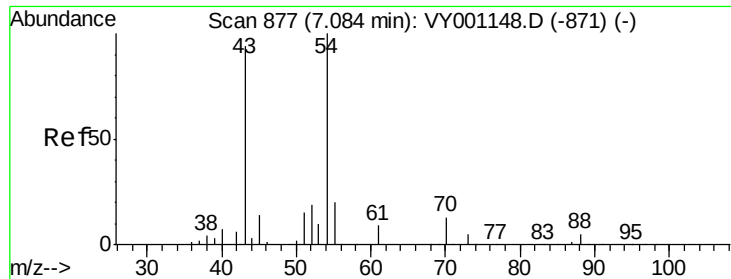
Delta R.T. 0.02 min

Lab File: VY001268.D

Acq: 17 Jan 2020 16:27

Tgt Ion:	75	Resp:	61390
Ion	Ratio	Lower	Upper
75	100		
110	36.3	18.3	54.8
77	30.6	25.1	37.7





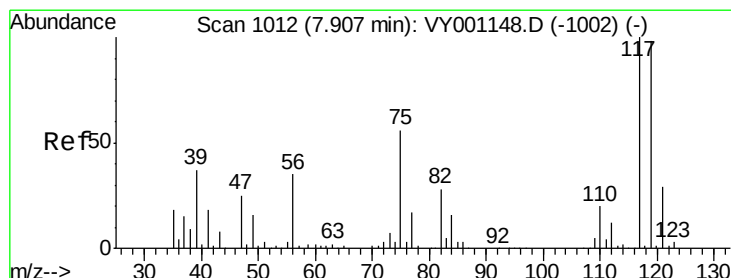
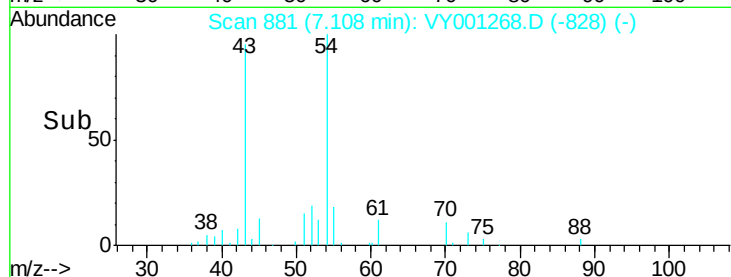
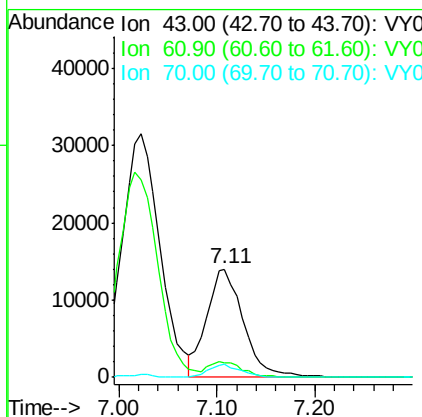
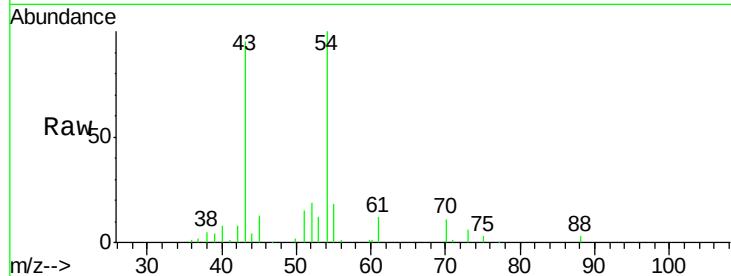
#37
Ethyl Acetate
Concen: 20.398 ug/l
RT: 7.11 min Scan# 881
Delta R.T. 0.02 min
Lab File: VY001268.D
Acq: 17 Jan 2020 16:27

Instrument :
MSVOA_Y
ClientSampleId :
VY0117SBS01

Tot Ion: 43 Resp: 36375
Ion Ratio Lower Upper
43 100
61 13.3 11.1 16.7
70 11.0 9.7 14.5

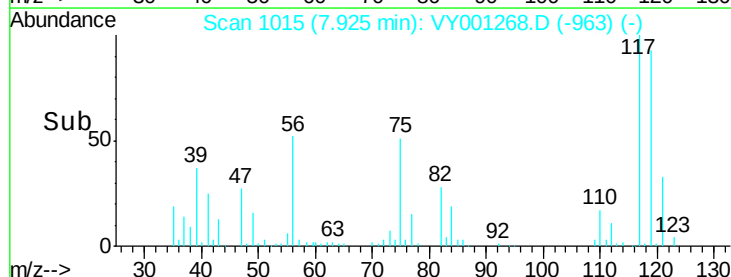
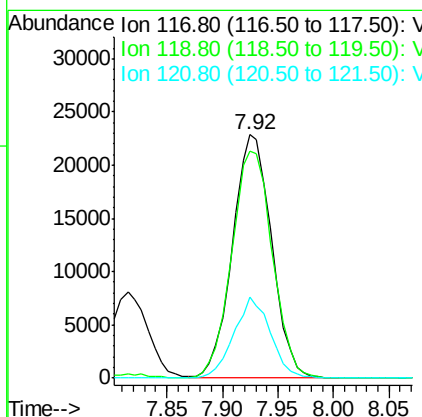
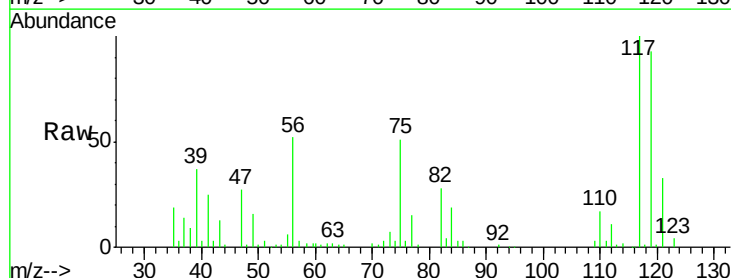
Manual Integrations
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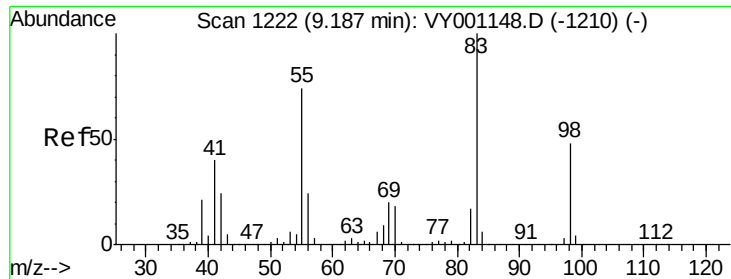
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1/20/2020 11:06:46 AM



#38
Carbon Tetrachloride
Concen: 20.060 ug/l
RT: 7.92 min Scan# 1015
Delta R.T. 0.02 min
Lab File: VY001268.D
Acq: 17 Jan 2020 16:27

Tgt Ion: 117 Resp: 55861
Ion Ratio Lower Upper
117 100
119 93.2 78.3 117.5
121 33.0 23.5 35.3





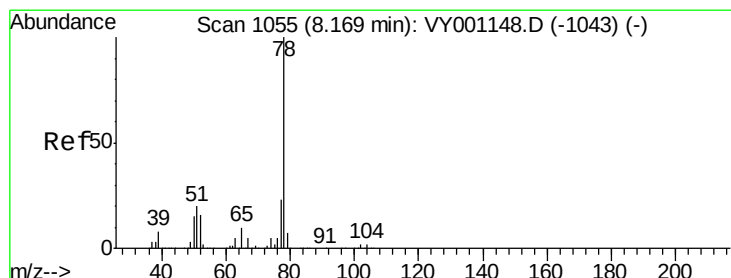
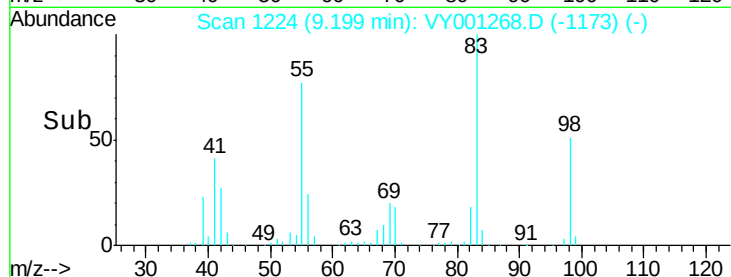
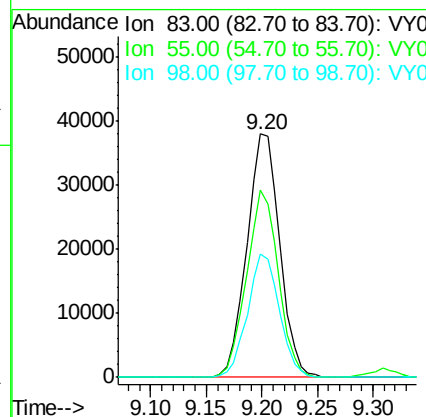
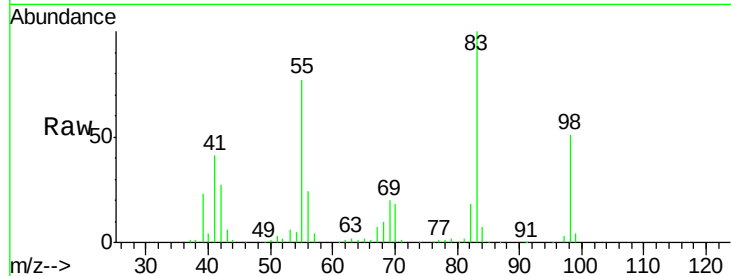
#39
Methylvlcyclohexane
Concen: 18.941 ug/l
RT: 9.20 min Scan# 1224
Delta R.T. 0.01 min
Lab File: VY001268.D
Acq: 17 Jan 2020 16:27

Instrument :
MSVOA_Y
ClientSampleId :
VY0117SBS01

Tot Ion	83	Resp	78024
Ion Ratio	100	Lower	Upper
83	100		
55	77.2	58.9	88.3
98	50.5	38.4	57.6

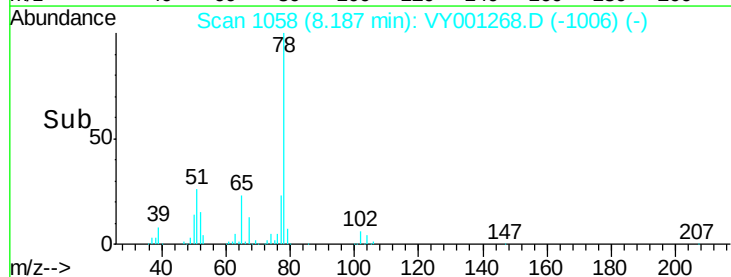
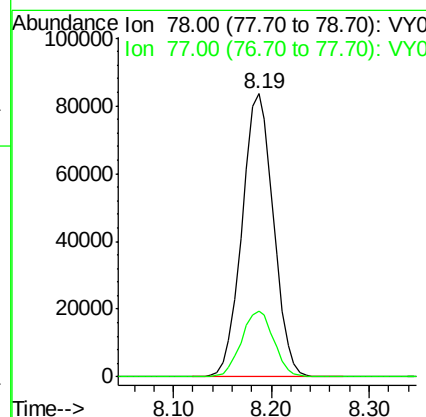
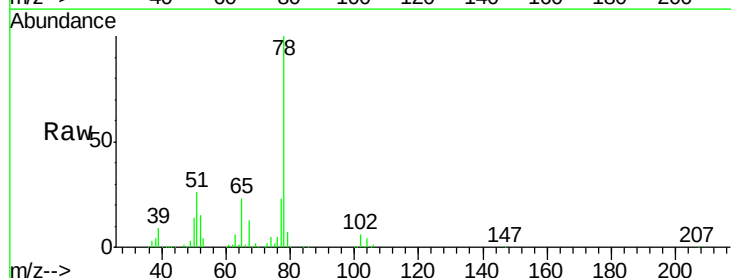
Manual Integrations
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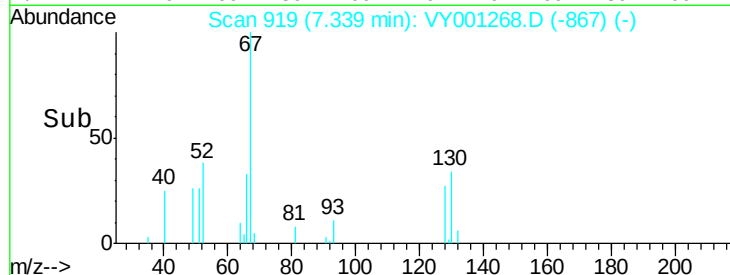
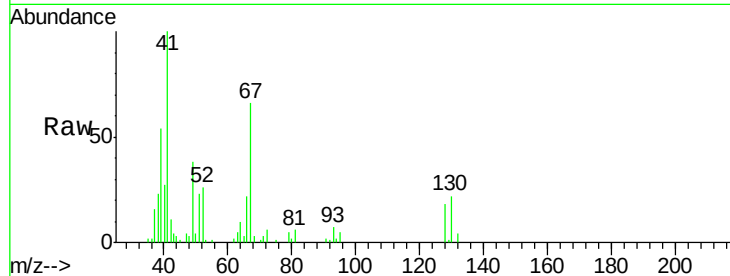
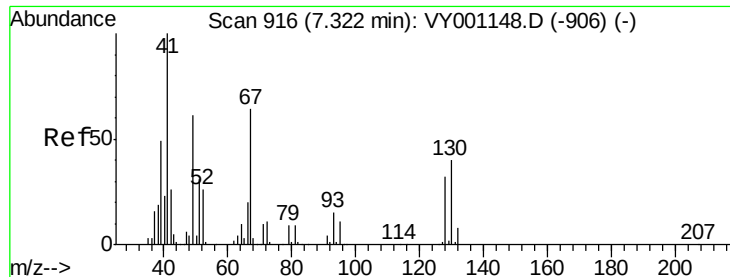
MMDadoda
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#40
Benzene
Concen: 20.994 ug/l
RT: 8.19 min Scan# 1058
Delta R.T. 0.02 min
Lab File: VY001268.D
Acq: 17 Jan 2020 16:27

Tgt Ion	78	Resp	186208
Ion Ratio	100	Lower	Upper
78	100		
77	23.2	18.8	28.2





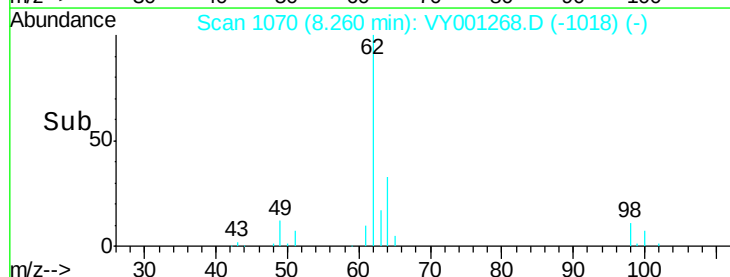
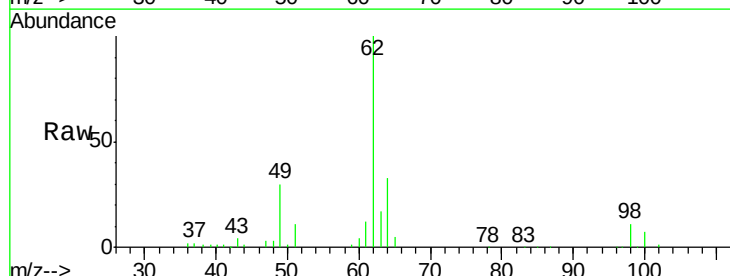
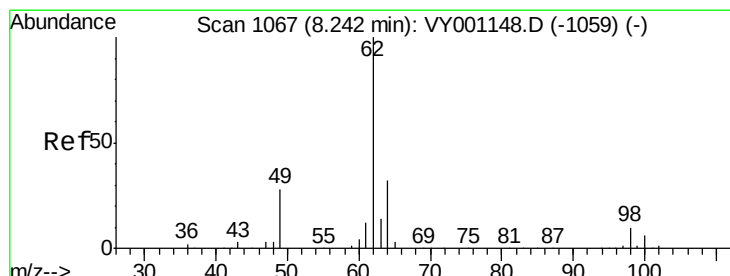
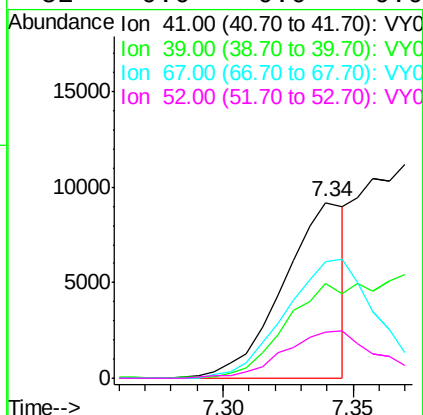
#41
Methacrylonitrile
Concen: 18.272 ug/l m
RT: 7.34 min Scan# 919
Delta R.T. 0.02 min
Lab File: VY001268.D
Acq: 17 Jan 2020 16:27

Tot Ion	Ratio	Lower	Upper
41	100		
39	156.9	103.5	155.3#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

Instrument :
MSVOA_Y
ClientSampleId :
VY0117SBS01

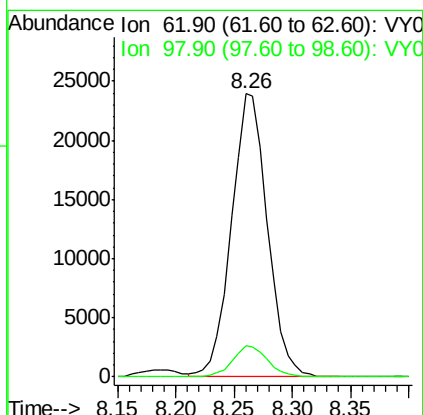
Manual Integrations
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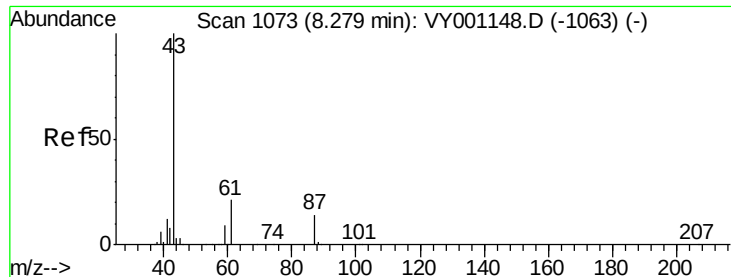
MMDadoda
1/20/2020 11:06:46 AM



#42
1,2-Dichloroethane
Concen: 20.709 ug/l
RT: 8.26 min Scan# 1070
Delta R.T. 0.02 min
Lab File: VY001268.D
Acq: 17 Jan 2020 16:27

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.7	0.0	20.4





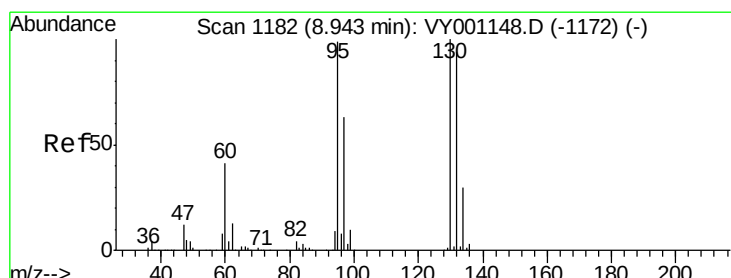
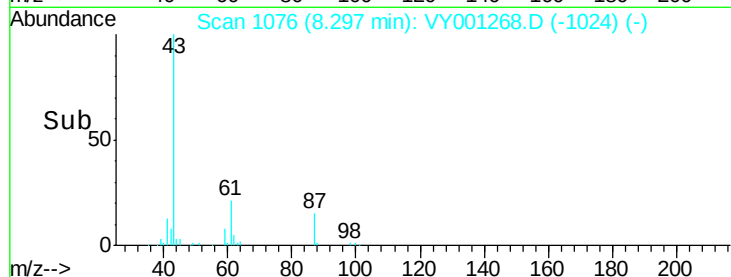
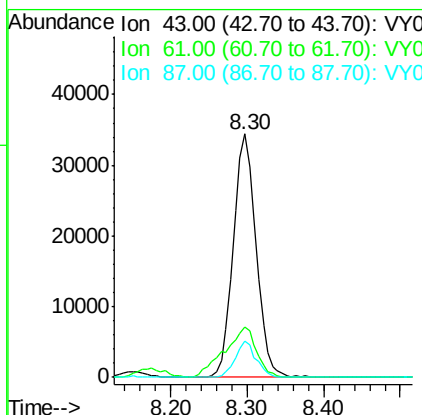
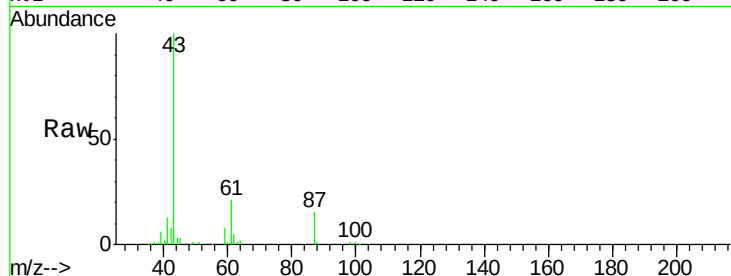
#43
Isopropyl Acetate
Concen: 20.964 ug/l
RT: 8.30 min Scan# 1076
Delta R.T. 0.02 min
Lab File: VY001268.D
Acq: 17 Jan 2020 16:27

Instrument :
MSVOA_Y
ClientSampleId :
VY0117SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	28.7	23.9	35.9
87	13.7	11.4	17.2

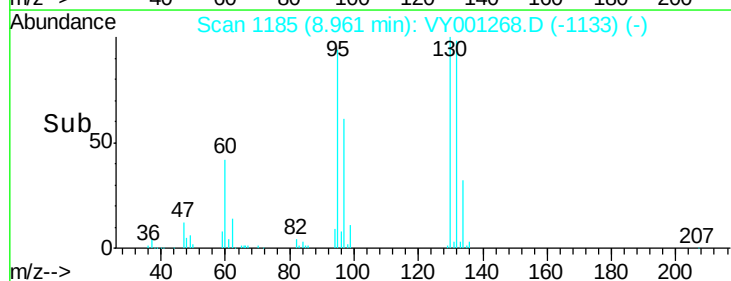
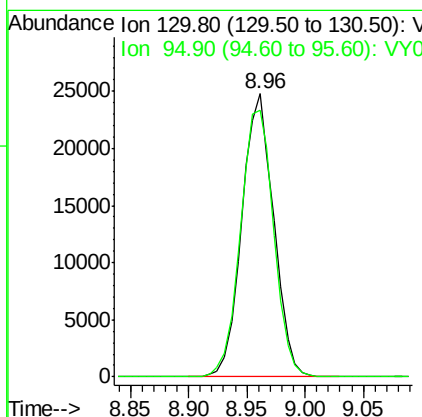
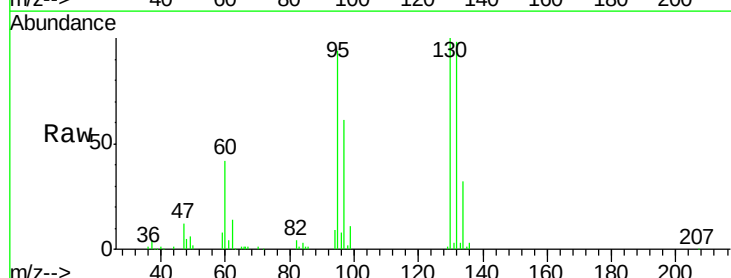
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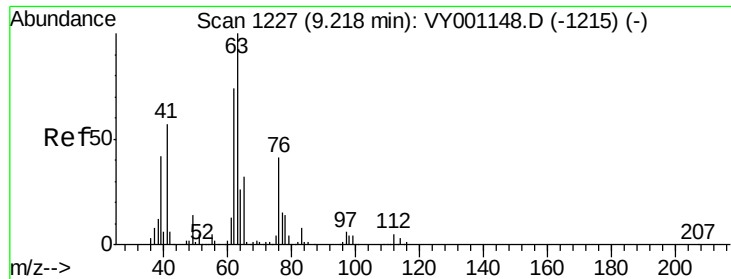
MMDadoda
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#44
Trichloroethene
Concen: 20.493 ug/l
RT: 8.96 min Scan# 1185
Delta R.T. 0.02 min
Lab File: VY001268.D
Acq: 17 Jan 2020 16:27

Tgt Ion	Ratio	Lower	Upper
130	100		
95	94.1	0.0	197.6





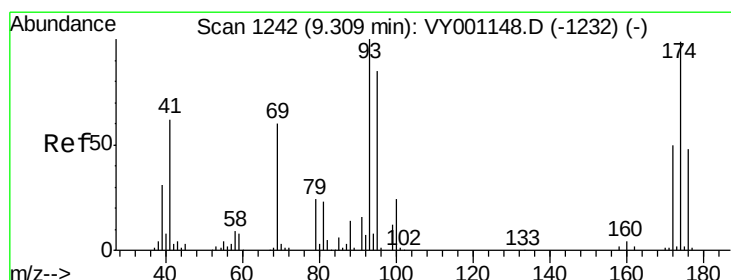
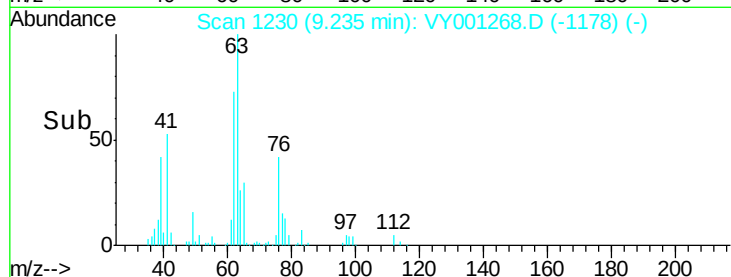
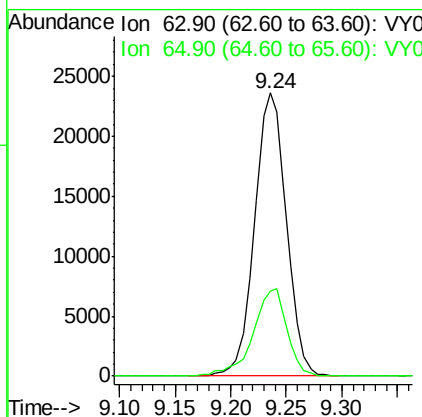
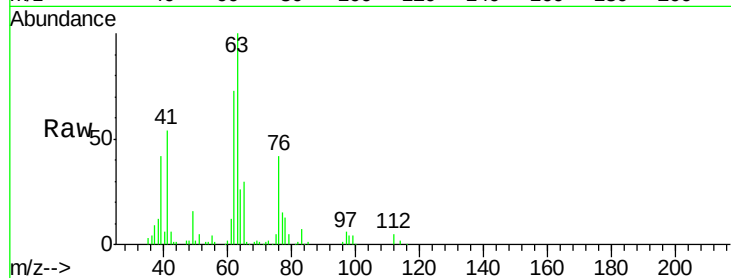
#45
 1,2-Dichloropropane
 Concen: 21.430 ug/l
 RT: 9.24 min Scan# 1230
 Delta R.T. 0.02 min
 Lab File: VY001268.D
 Acq: 17 Jan 2020 16:27

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0117SBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.2	25.8	38.8

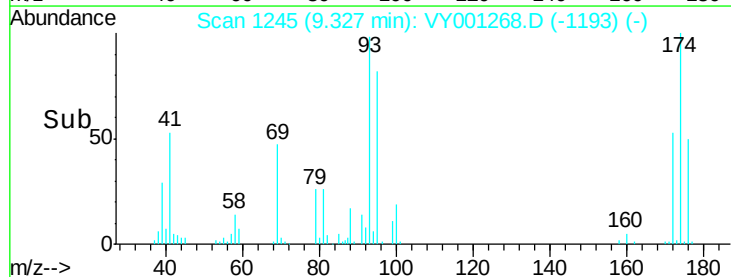
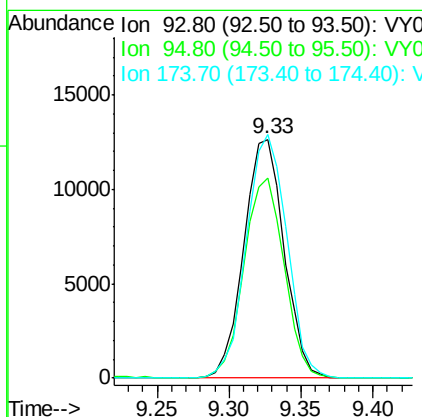
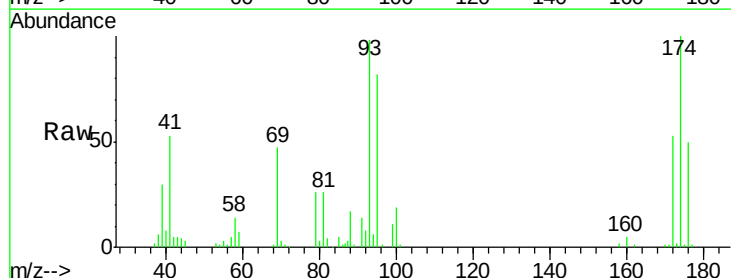
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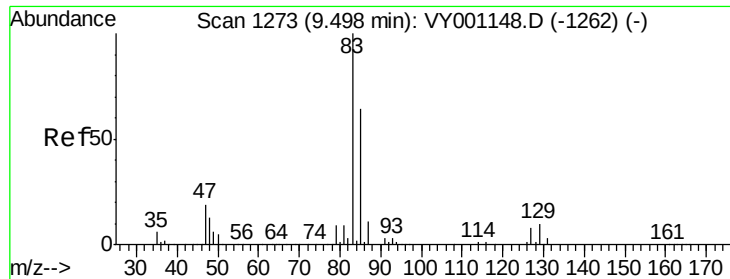
MMDadoda
 1/20/2020 11:06:46 AM



#46
 Dibromomethane
 Concen: 20.445 ug/l
 RT: 9.33 min Scan# 1245
 Delta R.T. 0.02 min
 Lab File: VY001268.D
 Acq: 17 Jan 2020 16:27

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.5	66.8	100.2
174	102.5	78.4	117.6





#47

Bromodichloromethane

Concen: 20.852 ug/l

RT: 9.52 min Scan# 1276

Delta R.T. 0.02 min

Lab File: VY001268.D

Acq: 17 Jan 2020 16:27

Instrument :

MSVOA_Y

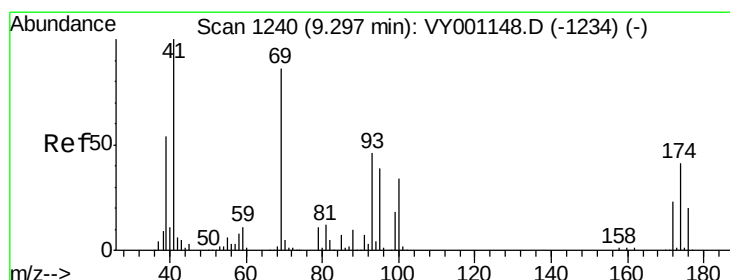
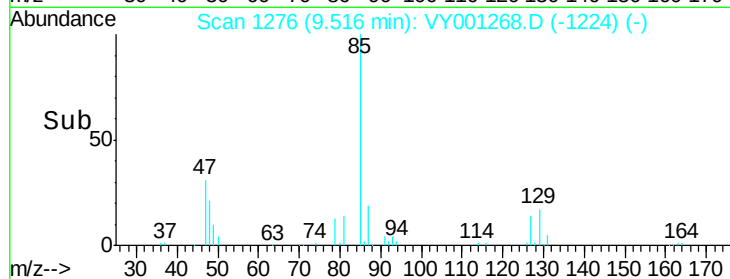
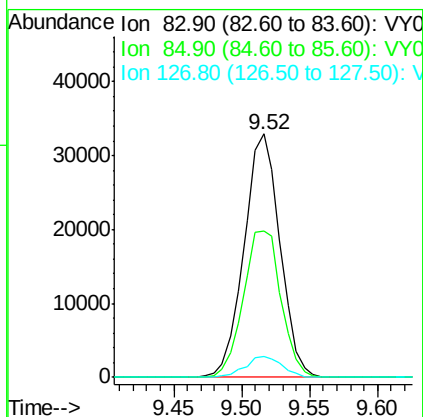
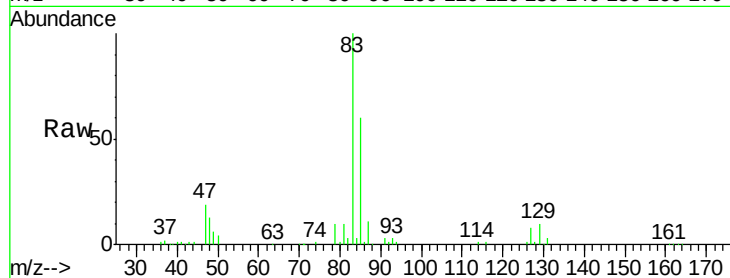
ClientSampleId :

VY0117SBS01

Tot Ion:	83	Resp:	60799
Ion	Ratio	Lower	Upper
83	100		
85	60.3	51.5	77.3
127	8.3	6.3	9.5

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#48

Methyl methacrylate

Concen: 20.076 ug/l

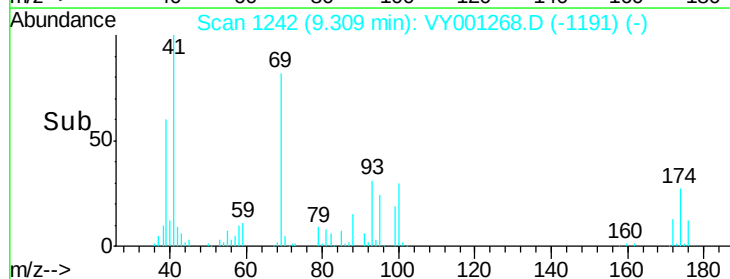
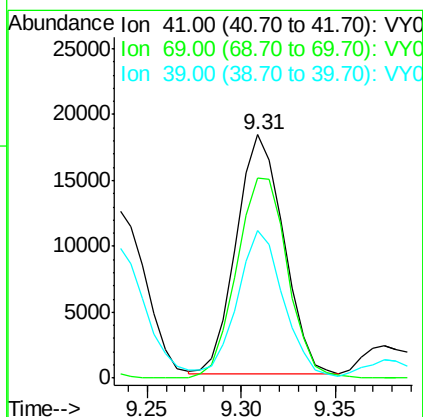
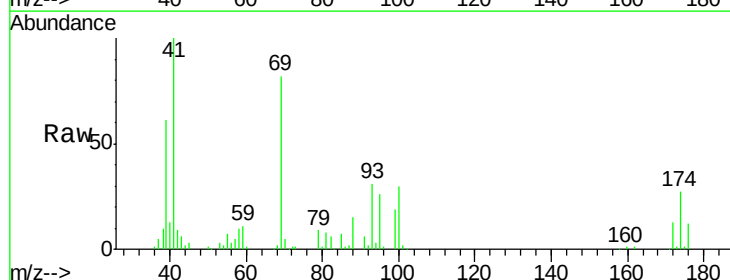
RT: 9.31 min Scan# 1242

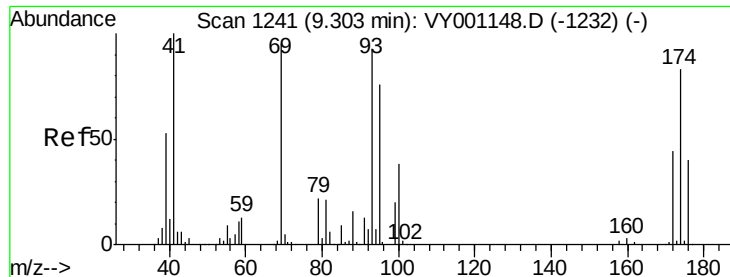
Delta R.T. 0.01 min

Lab File: VY001268.D

Acq: 17 Jan 2020 16:27

Tgt Ion:	41	Resp:	31679
Ion	Ratio	Lower	Upper
41	100		
69	89.7	69.8	104.8
39	60.6	45.2	67.8





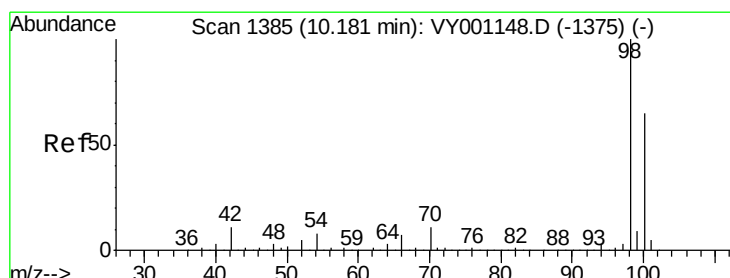
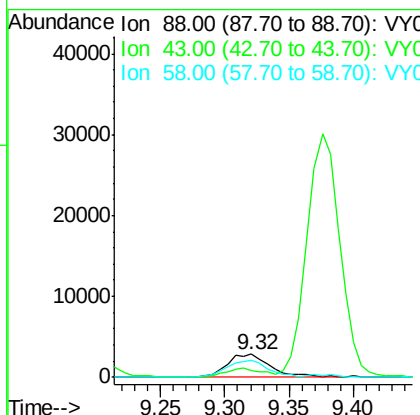
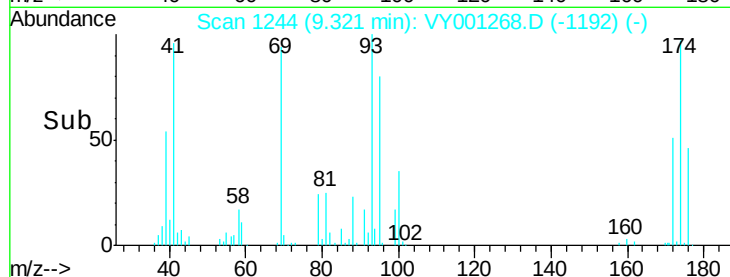
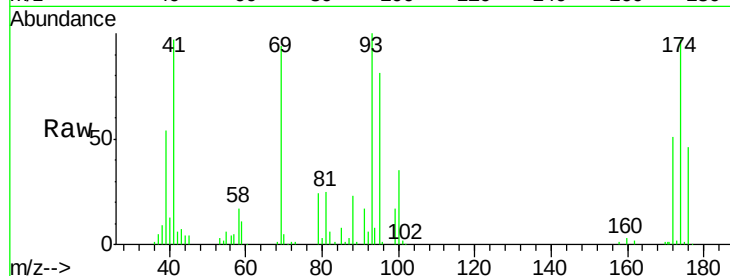
#49
1,4-Dioxane
Concen: 460.395 ug/l
RT: 9.32 min Scan# 1244
Delta R.T. 0.02 min
Lab File: VY001268.D
Acq: 17 Jan 2020 16:27

Instrument :
MSVOA_Y
ClientSampleId :
VY0117SBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	35.1	22.4	33.6#
58	70.7	58.0	87.0

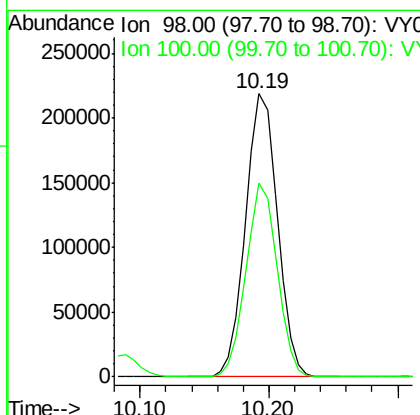
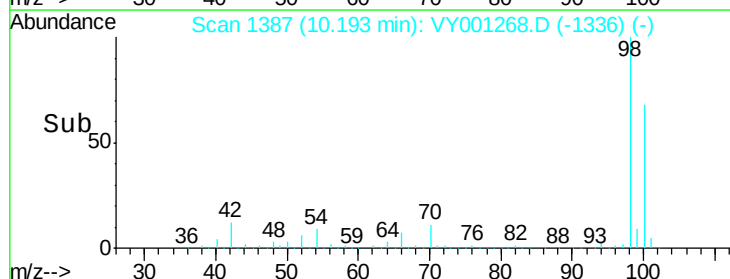
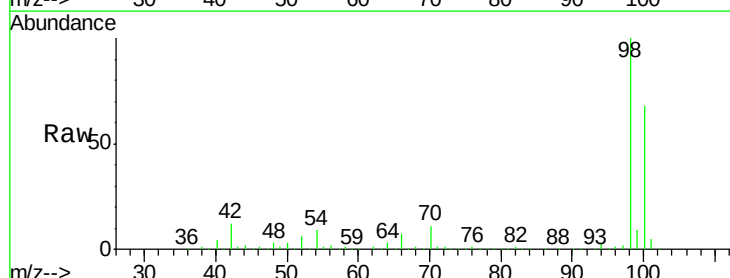
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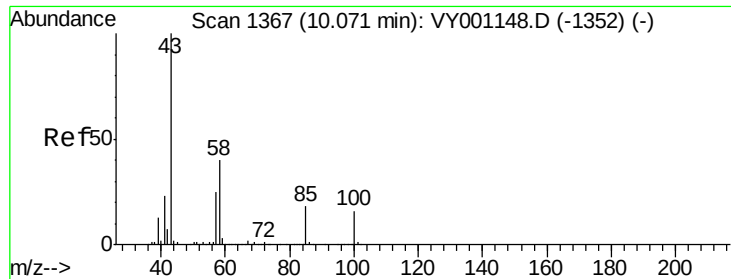
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#50
Toluene-d8
Concen: 49.759 ug/l
RT: 10.19 min Scan# 1387
Delta R.T. 0.01 min
Lab File: VY001268.D
Acq: 17 Jan 2020 16:27

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.8	53.1	79.7





#51

4-Methyl-2-Pentanone

Concen: 105.718 ug/l

RT: 10.08 min Scan# 1369

Delta R.T. 0.01 min

Lab File: VY001268.D

Acq: 17 Jan 2020 16:27

Instrument :

MSVOA_Y

ClientSampleId :

VY0117SBS01

Tot Ion: 43 Resp: 182916

Ion Ratio Lower Upper

43 100

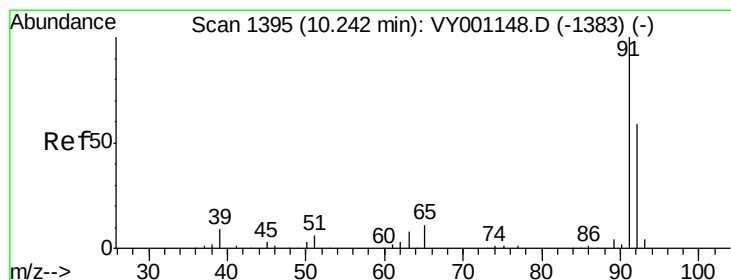
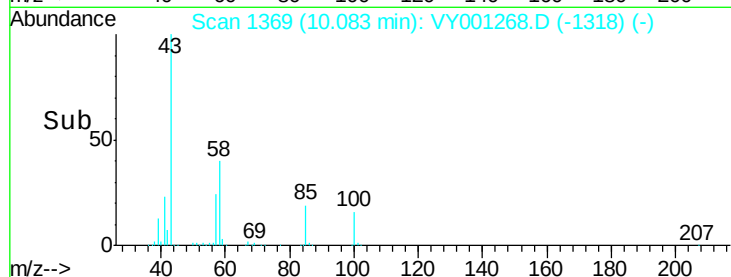
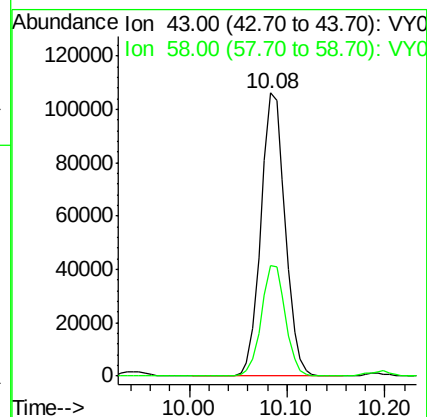
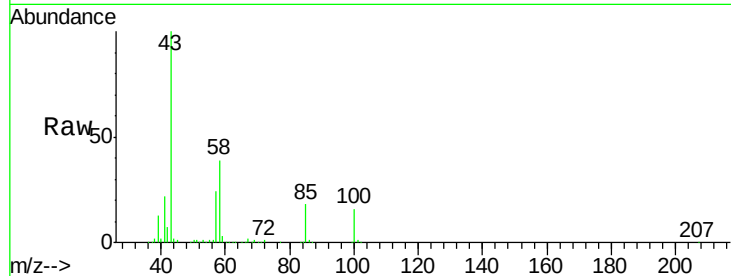
58 38.8 32.3 48.5

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#52

Toluene

Concen: 20.715 ug/l

RT: 10.26 min Scan# 1398

Delta R.T. 0.02 min

Lab File: VY001268.D

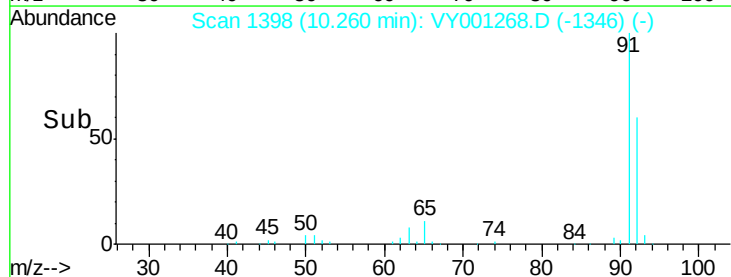
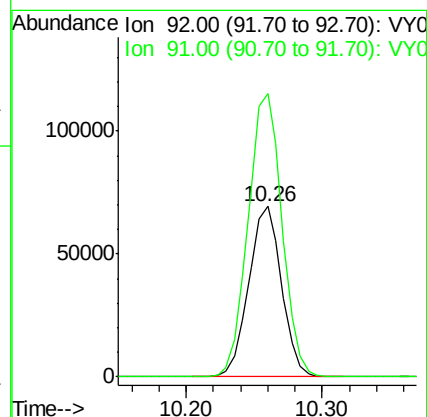
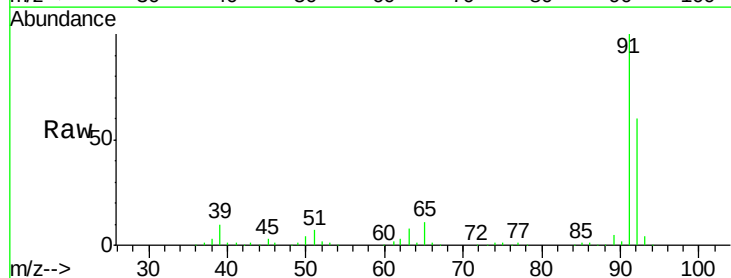
Acq: 17 Jan 2020 16:27

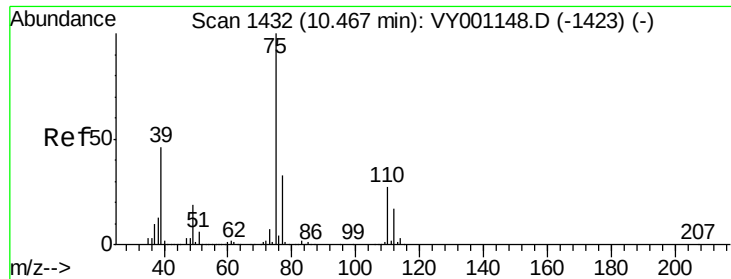
Tgt Ion: 92 Resp: 117187

Ion Ratio Lower Upper

92 100

91 171.4 136.6 204.8





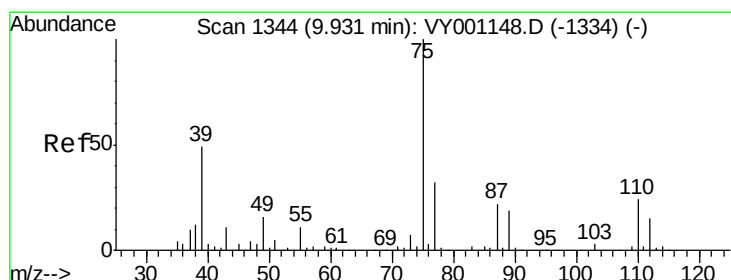
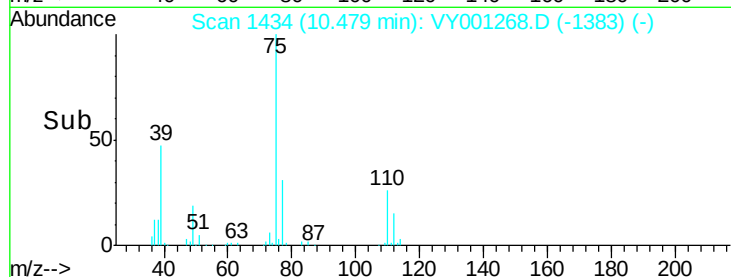
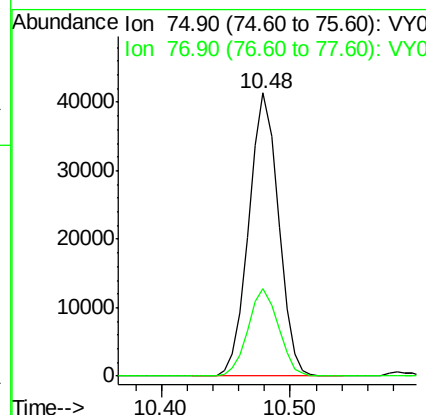
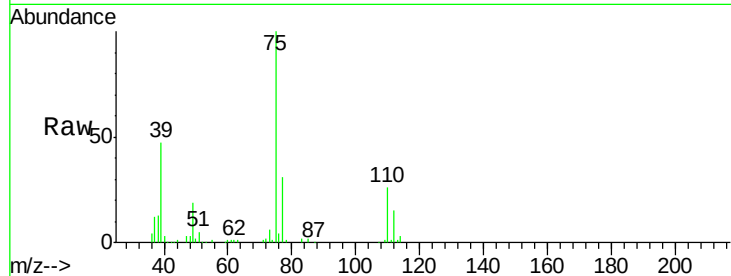
#53
t-1,3-Dichloropropene
Concen: 20.200 ug/l
RT: 10.48 min Scan# 1434
Delta R.T. 0.01 min
Lab File: VY001268.D
Acq: 17 Jan 2020 16:27

Instrument :
MSVOA_Y
ClientSampleId :
VY0117SBS01

Tot Ion: 75 Resp: 65908
Ion Ratio Lower Upper
75 100
77 31.0 26.2 39.2

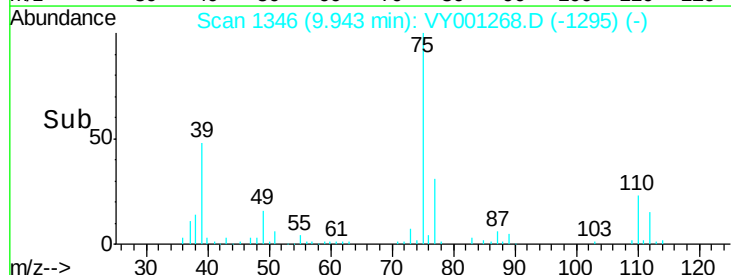
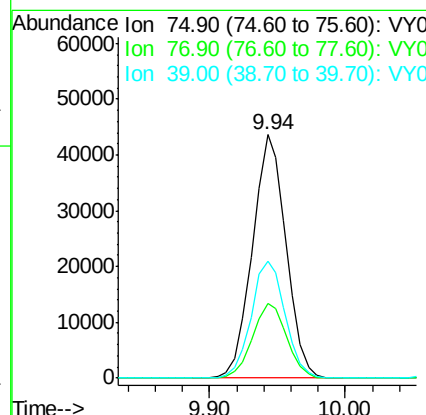
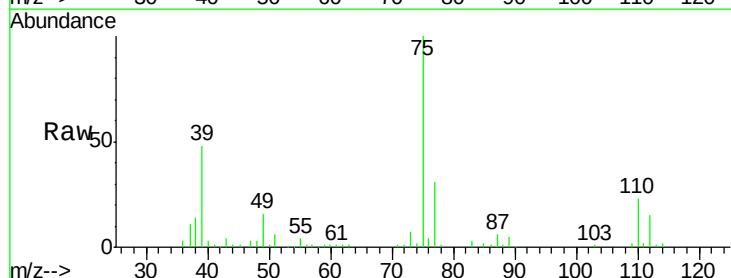
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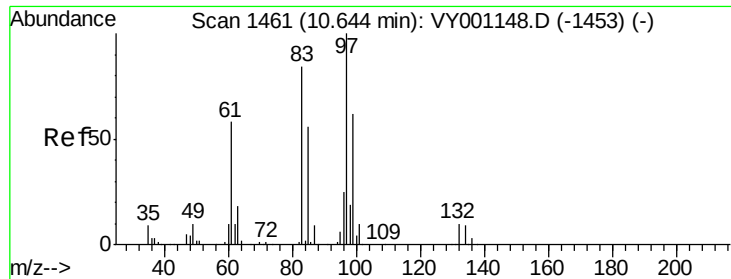
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#54
cis-1,3-Dichloropropene
Concen: 20.501 ug/l
RT: 9.94 min Scan# 1346
Delta R.T. 0.01 min
Lab File: VY001268.D
Acq: 17 Jan 2020 16:27

Tgt Ion: 75 Resp: 75416
Ion Ratio Lower Upper
75 100
77 30.8 25.3 37.9
39 47.9 39.1 58.7





#55

1,1,2-Trichloroethane

Concen: 20.726 ug/l

RT: 10.66 min Scan# 1464

Delta R.T. 0.02 min

Lab File: VY001268.D

Acq: 17 Jan 2020 16:27

Instrument :

MSVOA_Y

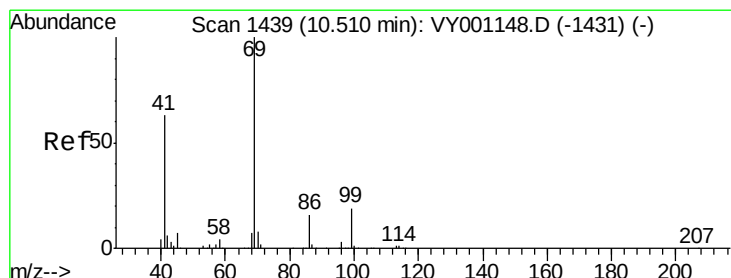
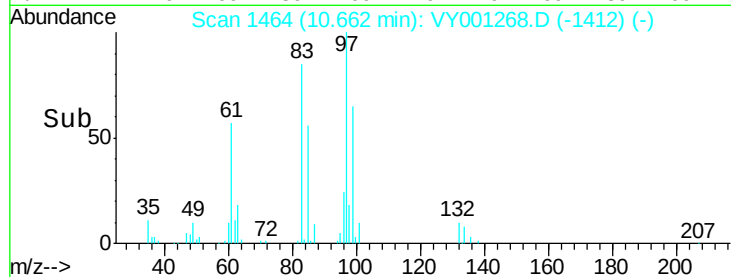
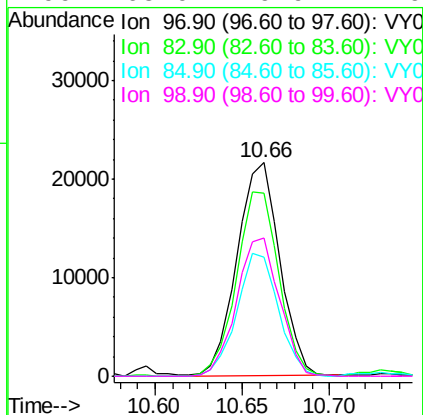
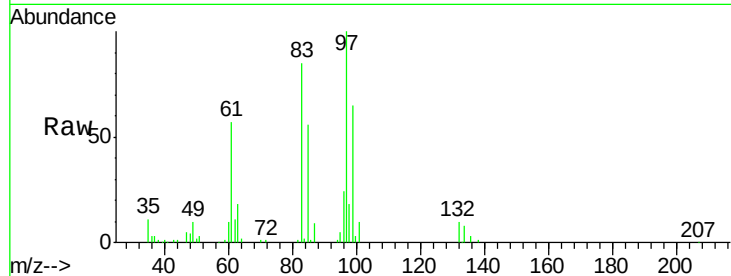
ClientSampleId :

VY0117SBS01

Tot Ion:	97	Resp:	36761
Ion	Ratio	Lower	Upper
97	100		
83	85.8	67.2	100.8
85	55.9	44.9	67.3
99	65.0	49.9	74.9

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#56

Ethyl methacrylate

Concen: 20.448 ug/l

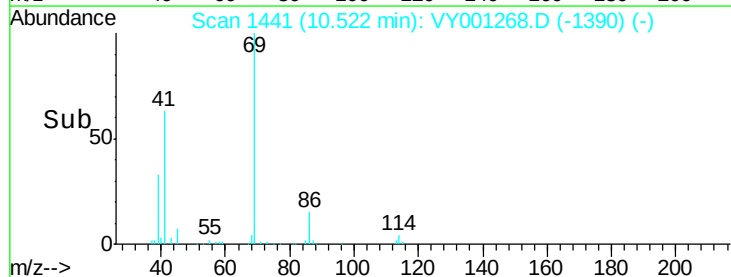
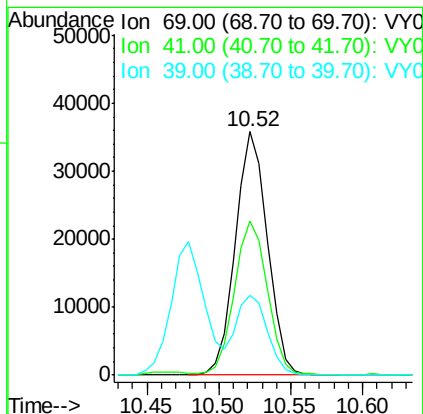
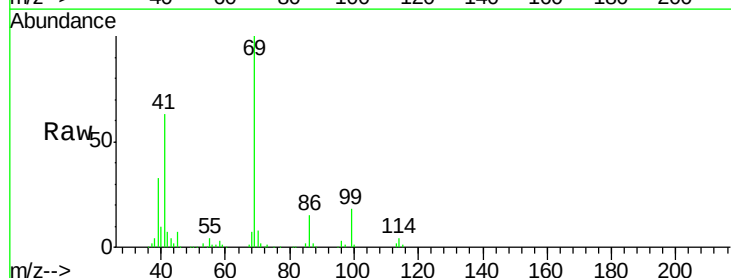
RT: 10.52 min Scan# 1441

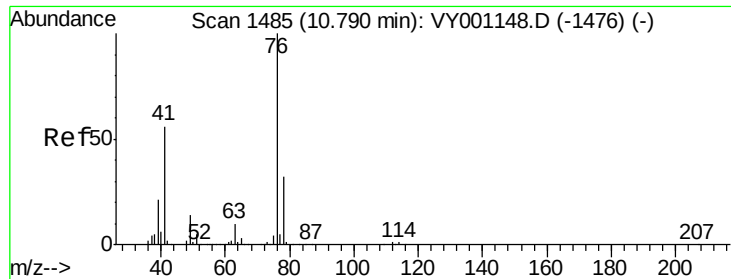
Delta R.T. 0.01 min

Lab File: VY001268.D

Acq: 17 Jan 2020 16:27

Tgt Ion:	69	Resp:	55479
Ion	Ratio	Lower	Upper
69	100		
41	64.9	51.4	77.2
39	32.2	26.3	39.5





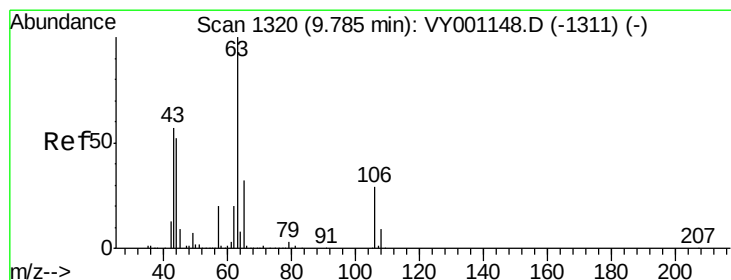
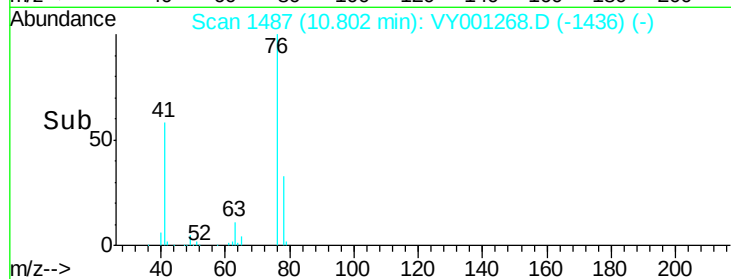
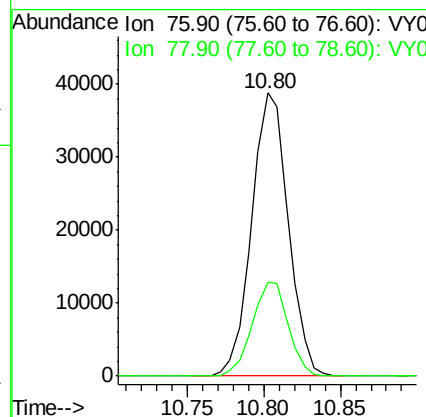
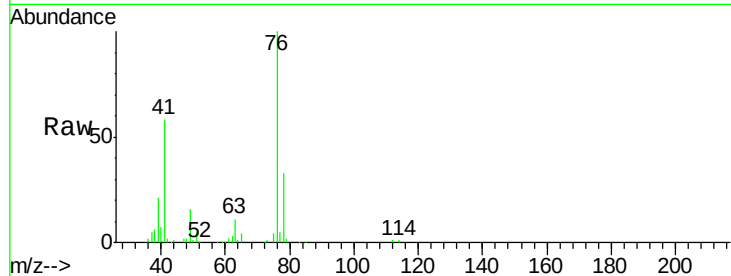
#57
 1,3-Dichloropropane
 Concen: 21.182 ug/l
 RT: 10.80 min Scan# 1487
 Delta R.T. 0.01 min
 Lab File: VY001268.D
 Acq: 17 Jan 2020 16:27

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0117SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.7	26.1	39.1

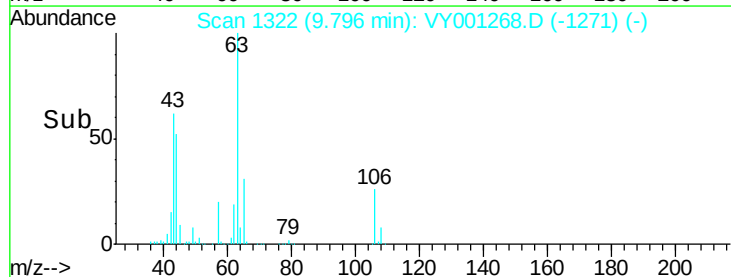
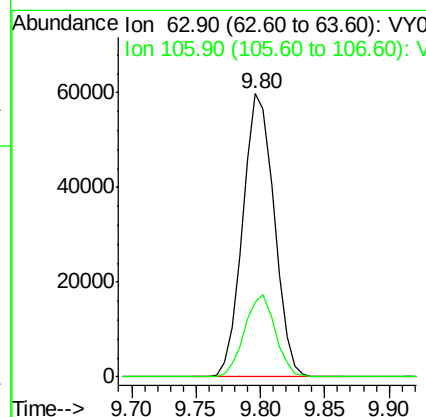
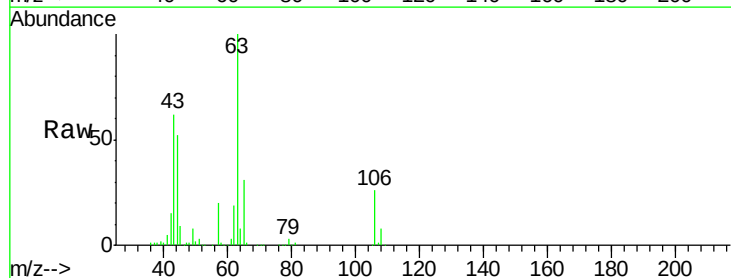
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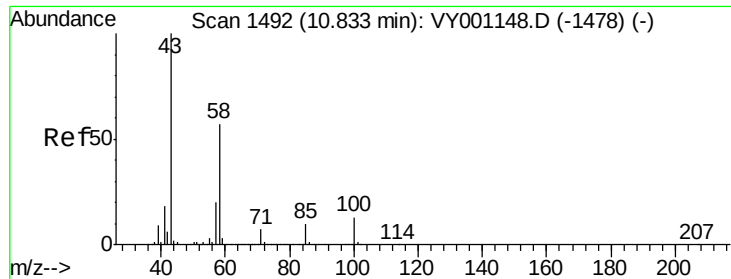
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#58
 2-Chloroethyl Vinyl ether
 Concen: 105.706 ug/l
 RT: 9.80 min Scan# 1322
 Delta R.T. 0.01 min
 Lab File: VY001268.D
 Acq: 17 Jan 2020 16:27

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.3	23.0	34.6





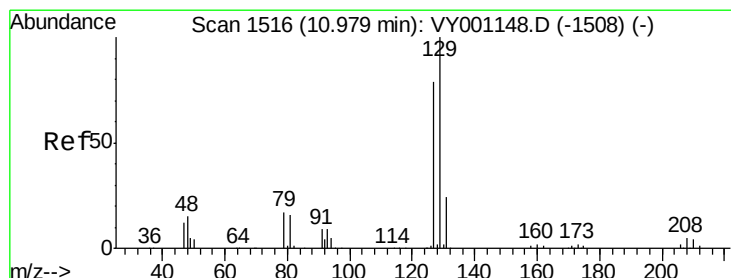
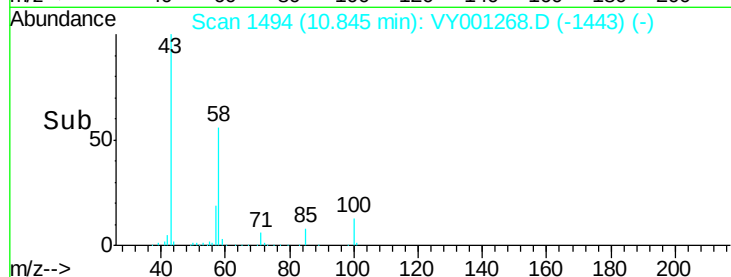
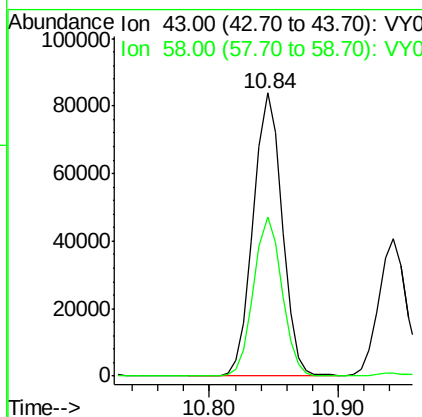
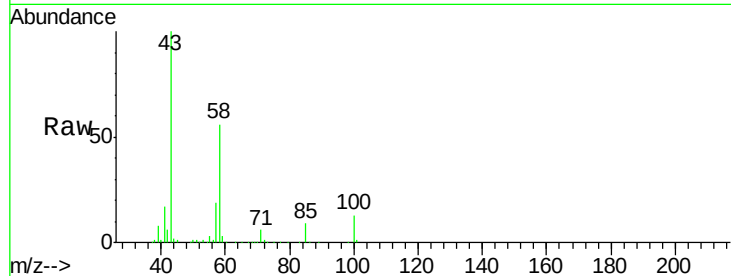
#59
2-Hexanone
Concen: 107.405 ug/l
RT: 10.84 min Scan# 1494
Delta R.T. 0.01 min
Lab File: VY001268.D
Acq: 17 Jan 2020 16:27

Instrument :
MSVOA_Y
ClientSampleId :
VY0117SBS01

Tot Ion: 43 Resp: 130239
Ion Ratio Lower Upper
43 100
58 55.0 28.4 85.2

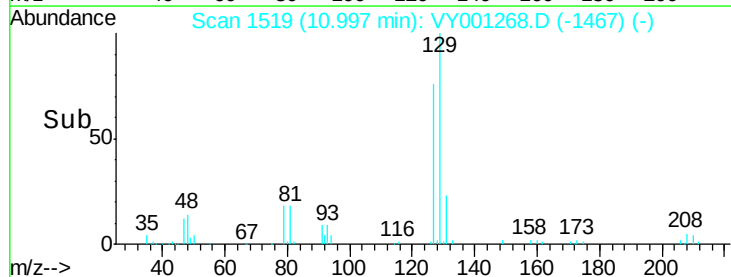
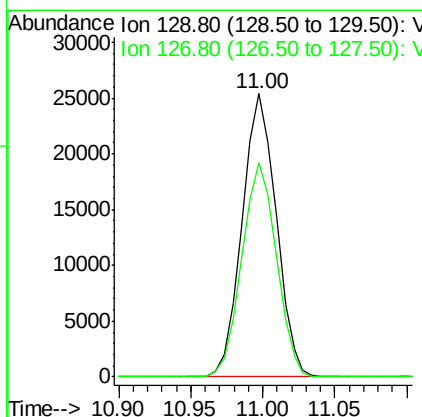
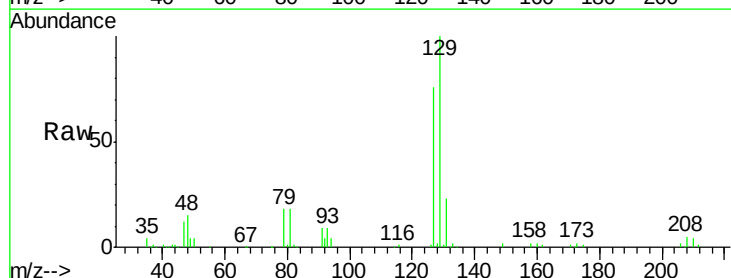
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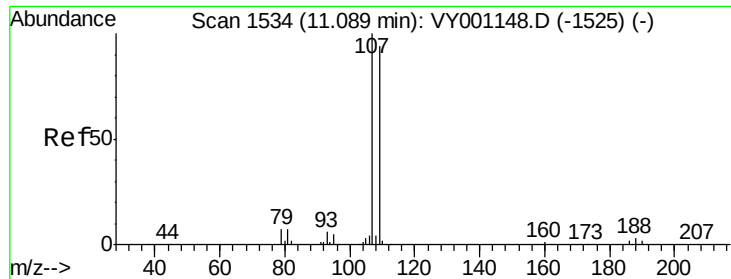
MMDadoda
1/20/2020 11:06:46 AM



#60
Dibromochloromethane
Concen: 20.368 ug/l
RT: 11.00 min Scan# 1519
Delta R.T. 0.02 min
Lab File: VY001268.D
Acq: 17 Jan 2020 16:27

Tgt Ion: 129 Resp: 41594
Ion Ratio Lower Upper
129 100
127 76.7 38.9 116.7





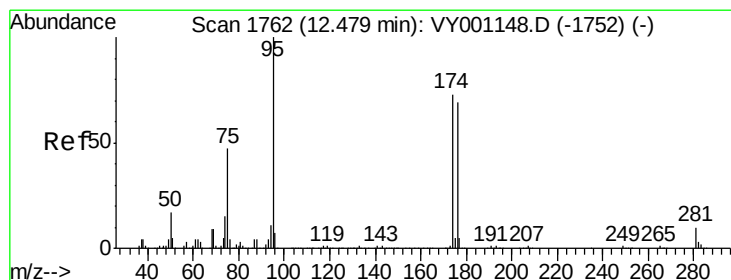
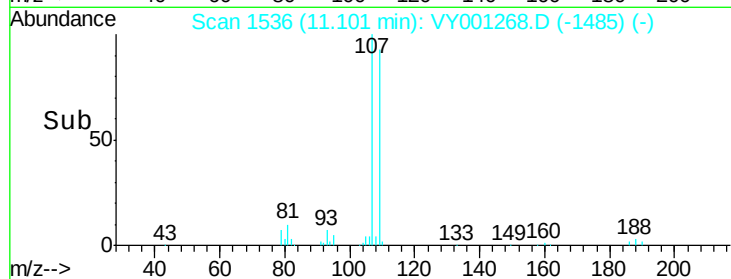
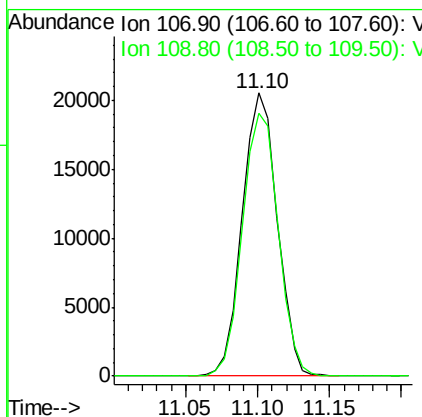
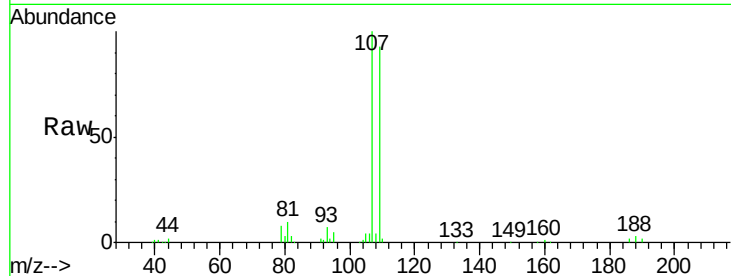
#61
1,2-Dibromoethane
Concen: 19.947 ug/l
RT: 11.10 min Scan# 1536
Delta R.T. 0.01 min
Lab File: VY001268.D
Acq: 17 Jan 2020 16:27

Instrument :
MSVOA_Y
ClientSampleId :
VY0117SBS01

Tot Ion: 107 Resp: 34546
Ion Ratio Lower Upper
107 100
109 95.2 75.4 113.0

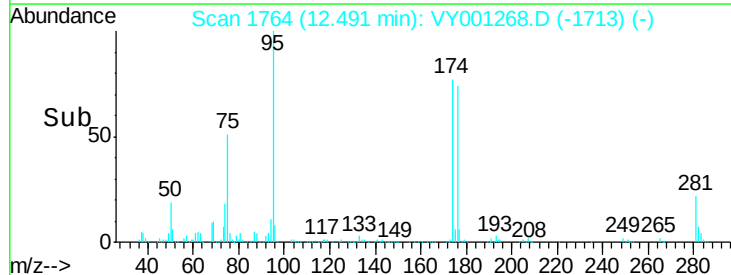
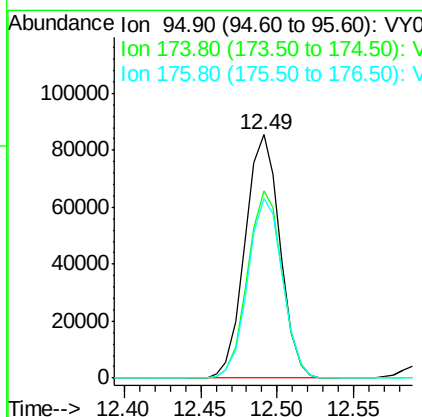
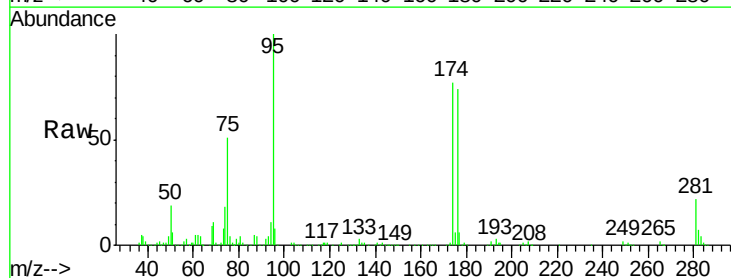
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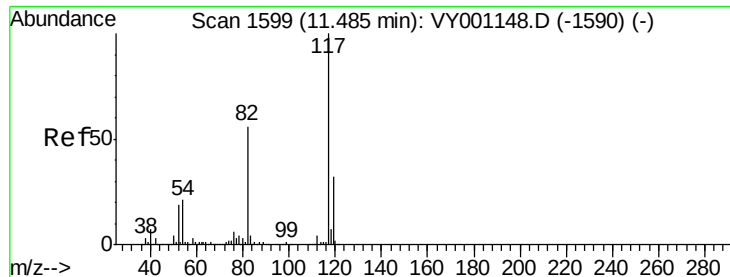
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#62
4-Bromofluorobenzene
Concen: 44.015 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. 0.01 min
Lab File: VY001268.D
Acq: 17 Jan 2020 16:27

Tgt Ion: 95 Resp: 135340
Ion Ratio Lower Upper
95 100
174 76.3 0.0 143.2
176 73.9 0.0 136.0





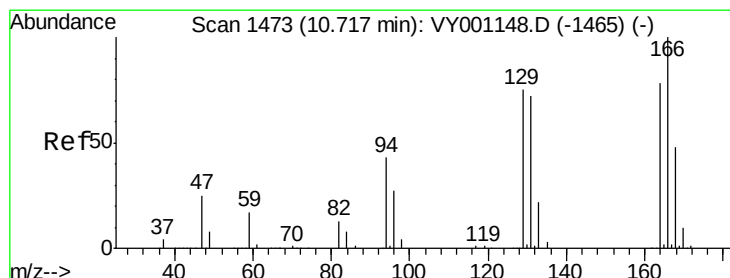
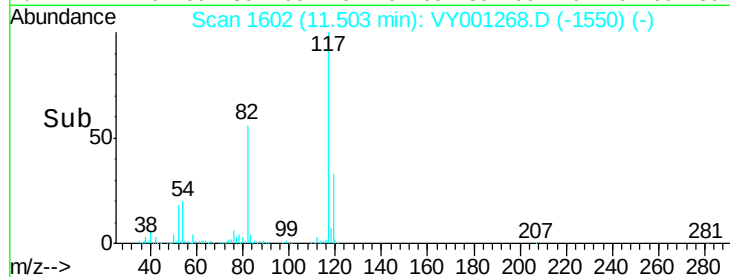
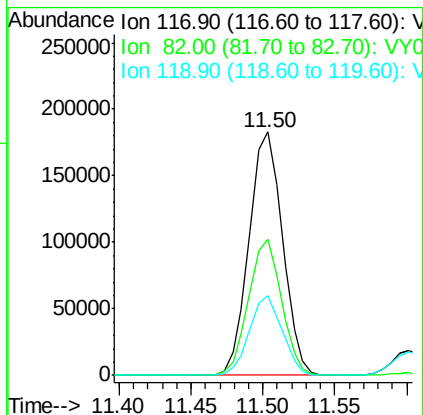
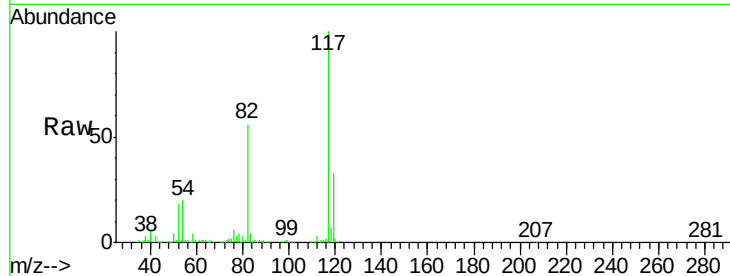
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.02 min
Lab File: VY001268.D
Acq: 17 Jan 2020 16:27

Instrument :
MSVOA_Y
ClientSampleId :
VY0117SBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	293956		
82	56.0		44.9	67.3
119	33.0		25.7	38.5

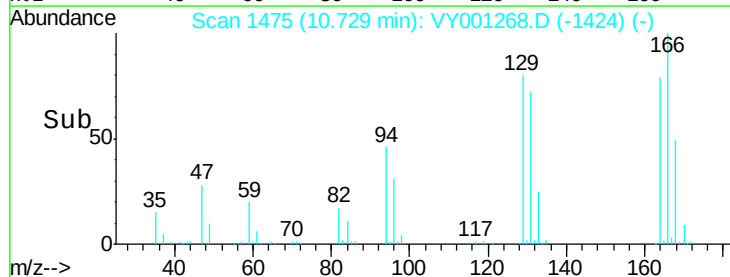
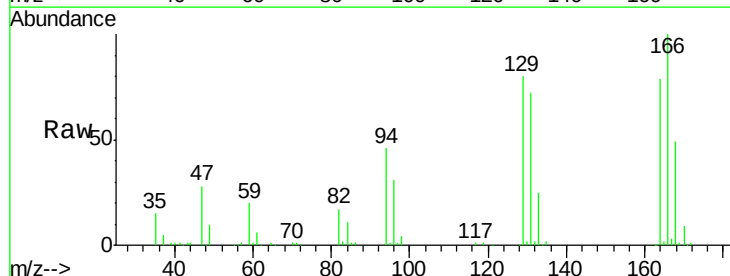
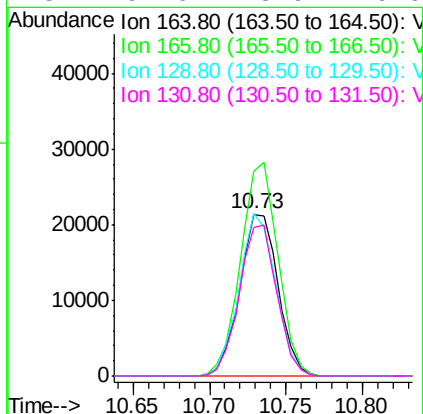
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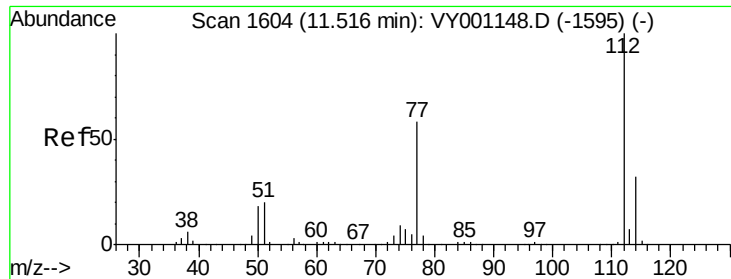
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#64
Tetrachloroethene
Concen: 19.652 ug/l
RT: 10.73 min Scan# 1475
Delta R.T. 0.01 min
Lab File: VY001268.D
Acq: 17 Jan 2020 16:27

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	37238		
166	126.4		102.3	153.5
129	100.7		76.2	114.4
131	91.6		73.9	110.9





#65

Chlorobenzene

Concen: 20.929 ug/l

RT: 11.53 min Scan# 1606

Delta R.T. 0.01 min

Lab File: VY001268.D

Acq: 17 Jan 2020 16:27

Instrument :

MSVOA_Y

ClientSampleId :

VY0117SBS01

Tot Ion:112 Resp: 122933

Ion Ratio Lower Upper

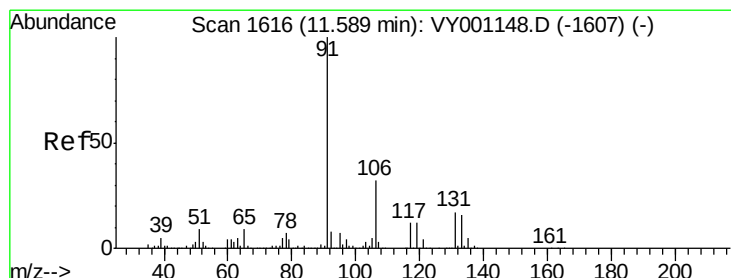
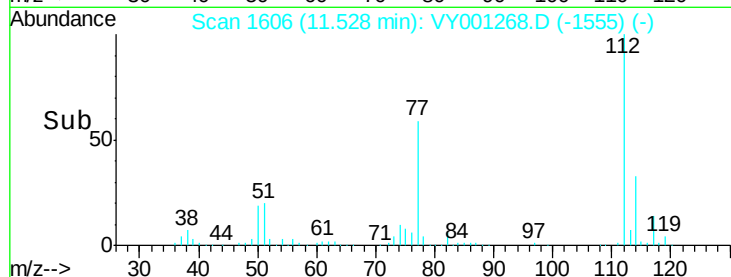
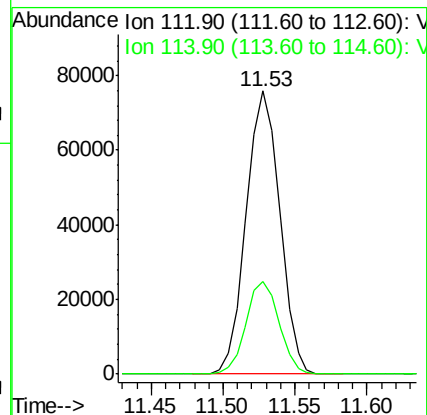
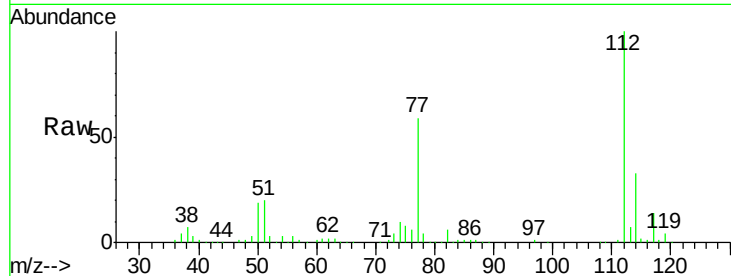
112 100

114 32.8 25.9 38.9

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#66

1,1,1,2-Tetrachloroethane

Concen: 21.486 ug/l

RT: 11.60 min Scan# 1618

Delta R.T. 0.01 min

Lab File: VY001268.D

Acq: 17 Jan 2020 16:27

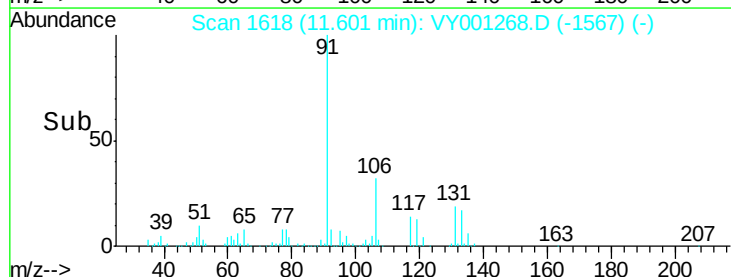
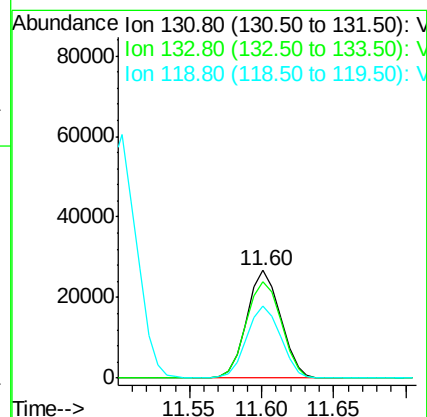
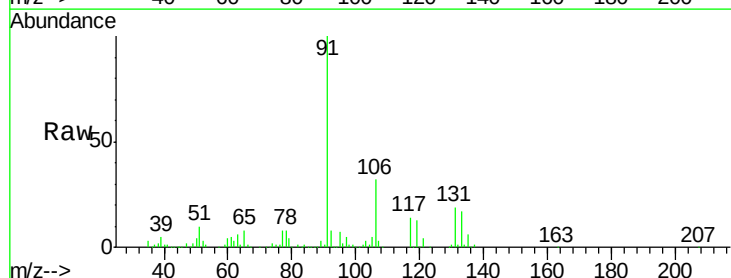
Tgt Ion:131 Resp: 43497

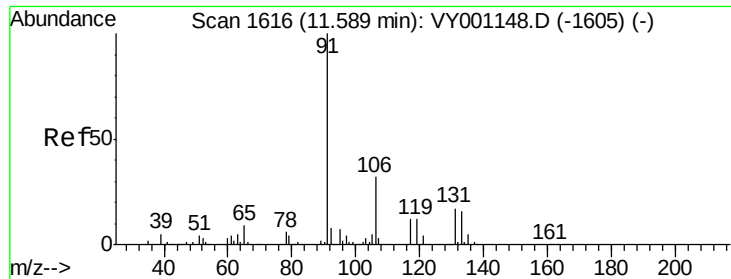
Ion Ratio Lower Upper

131 100

133 93.1 47.3 142.0

119 66.6 33.6 100.8





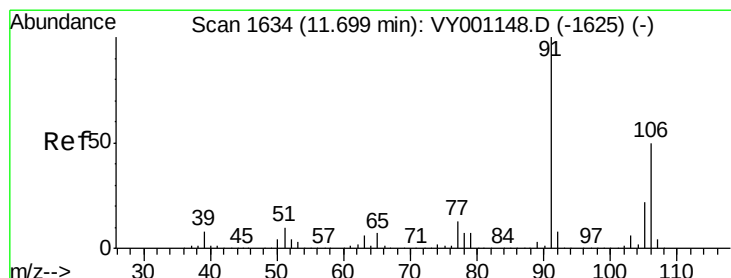
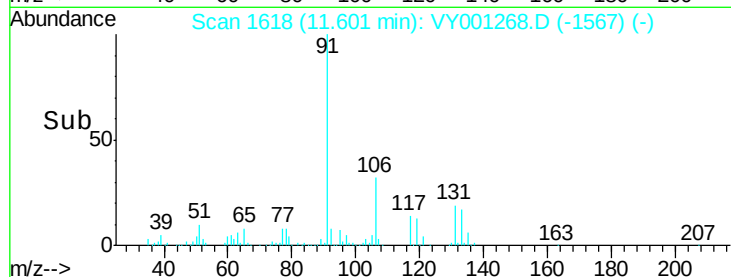
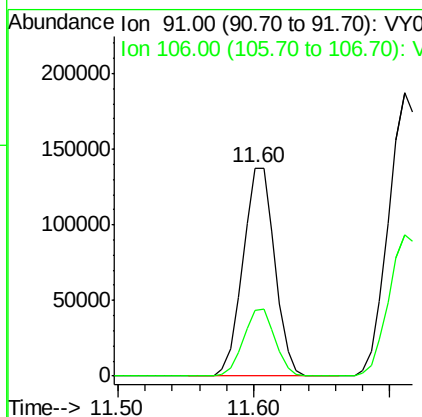
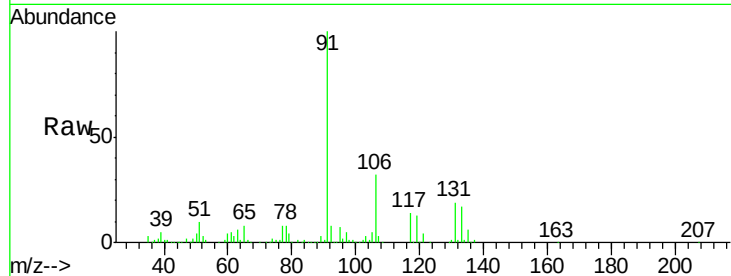
#67
Ethyl Benzene
Concen: 20.979 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. 0.01 min
Lab File: VY001268.D
Acq: 17 Jan 2020 16:27

Instrument :
MSVOA_Y
ClientSampleId :
VY0117SBS01

Tot Ion: 91 Resp: 225415
Ion Ratio Lower Upper
91 100
106 31.8 25.3 37.9

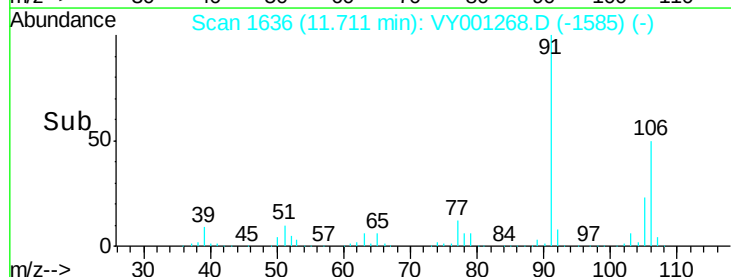
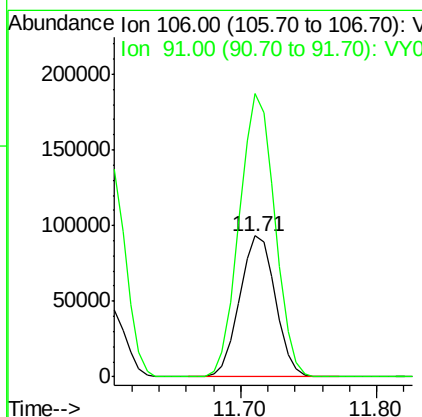
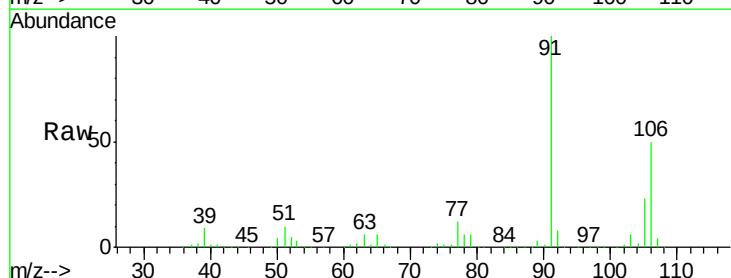
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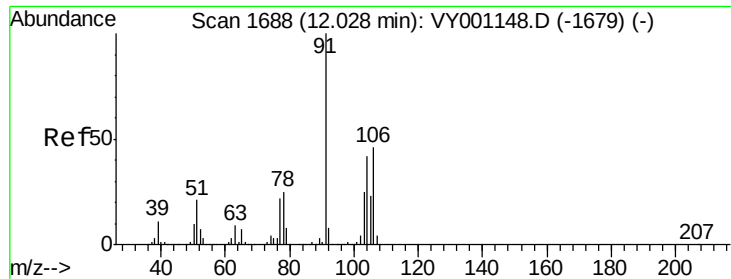
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#68
m/p-Xylenes
Concen: 42.256 ug/l
RT: 11.71 min Scan# 1636
Delta R.T. 0.01 min
Lab File: VY001268.D
Acq: 17 Jan 2020 16:27

Tgt Ion: 106 Resp: 171275
Ion Ratio Lower Upper
106 100
91 199.2 161.4 242.2





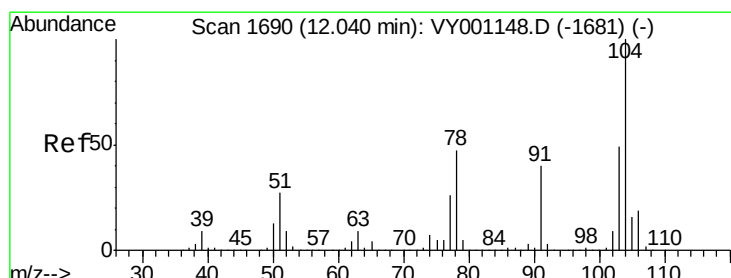
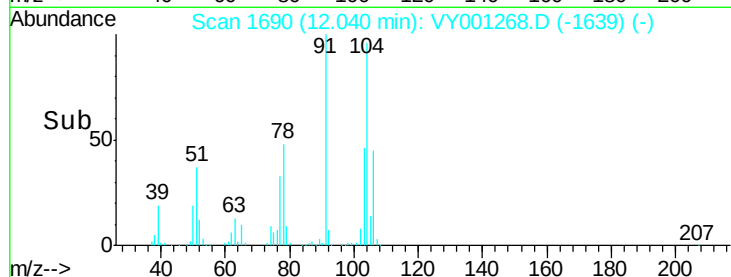
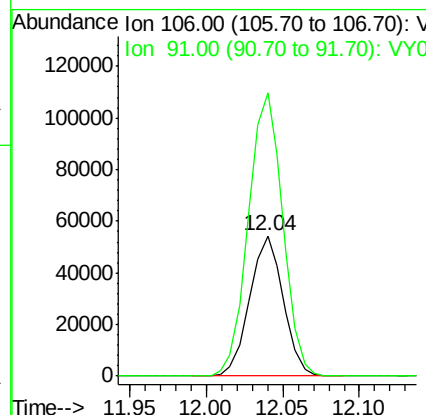
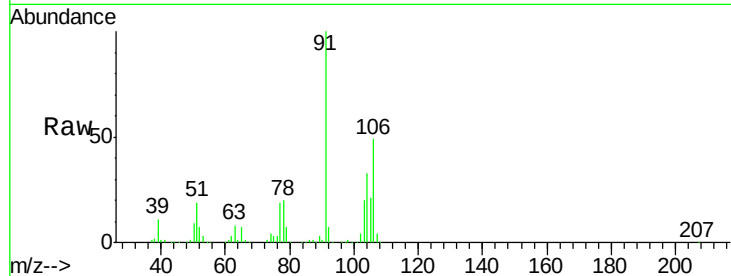
#69
o-Xylene
Concen: 21.248 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.01 min
Lab File: VY001268.D
Acq: 17 Jan 2020 16:27

Instrument :
MSVOA_Y
ClientSampleId :
VY0117SBS01

Tot Ion:106 Resp: 82572
Ion Ratio Lower Upper
106 100
91 206.9 106.3 318.8

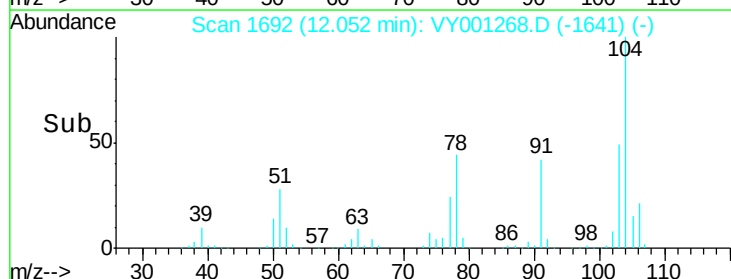
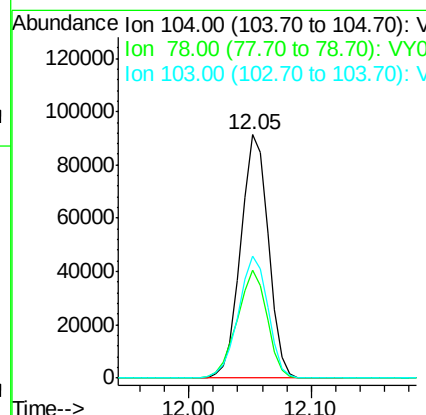
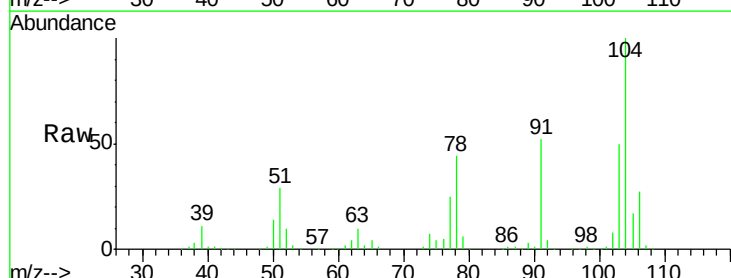
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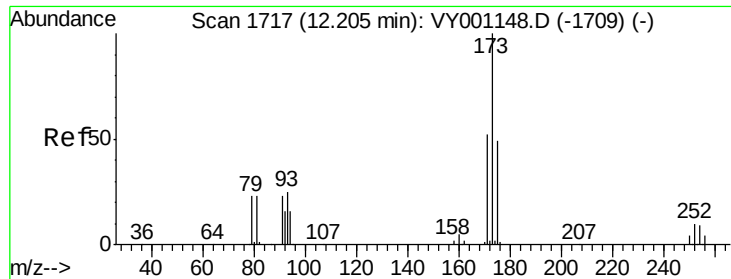
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#70
Styrene
Concen: 20.911 ug/l
RT: 12.05 min Scan# 1692
Delta R.T. 0.01 min
Lab File: VY001268.D
Acq: 17 Jan 2020 16:27

Tgt Ion:104 Resp: 142585
Ion Ratio Lower Upper
104 100
78 48.0 40.5 60.7
103 53.5 42.4 63.6





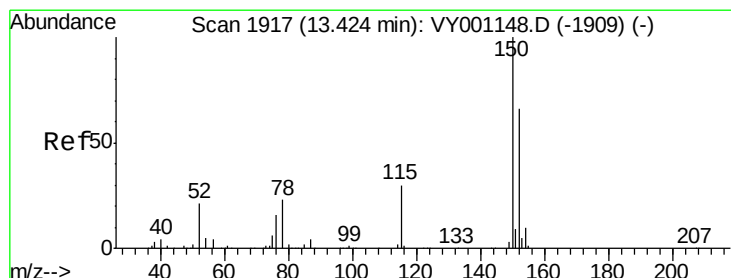
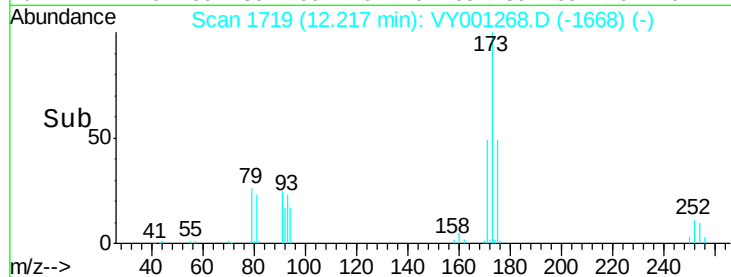
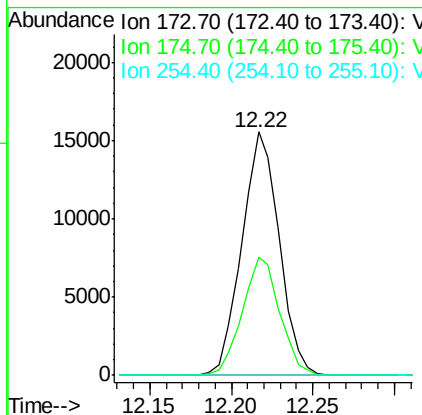
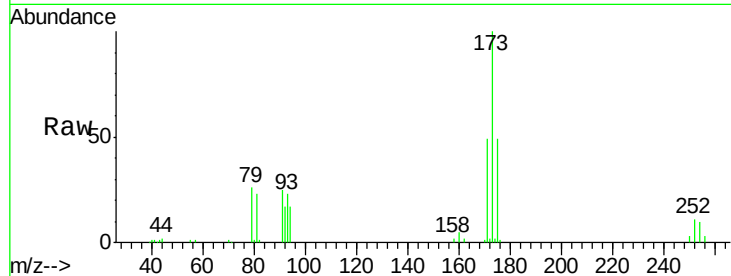
#71
Bromoform
Concen: 19.836 ug/l
RT: 12.22 min Scan# 1719
Delta R.T. 0.01 min
Lab File: VY001268.D
Acq: 17 Jan 2020 16:27

Instrument :
MSVOA_Y
ClientSampleId :
VY0117SBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.5	24.1	72.2
254	0.0	0.1	0.1#

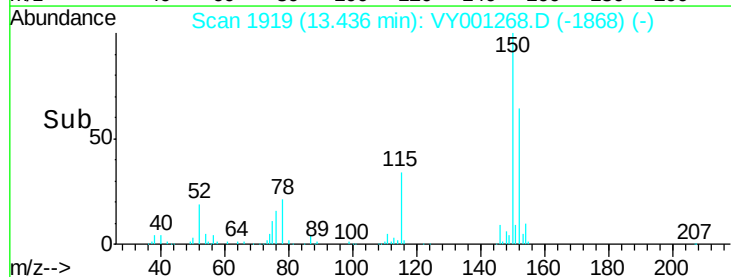
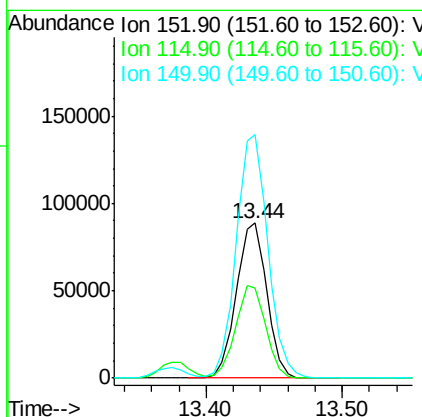
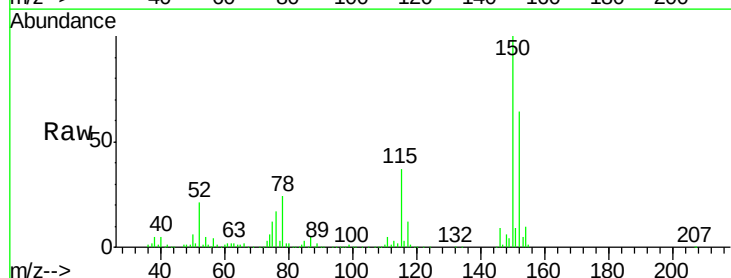
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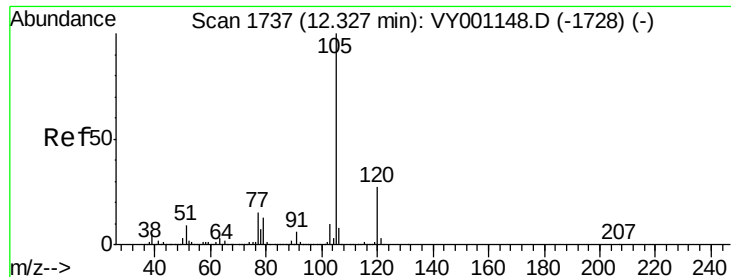
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.01 min
Lab File: VY001268.D
Acq: 17 Jan 2020 16:27

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.9	30.9	92.5
150	163.6	0.0	346.8





#73

Isopropylbenzene

Concen: 20.550 ug/l

RT: 12.34 min Scan# 1739

Delta R.T. 0.01 min

Lab File: VY001268.D

Acq: 17 Jan 2020 16:27

Instrument :

MSVOA_Y

ClientSampleId :

VY0117SBS01

Tot Ion:105 Resp: 213374

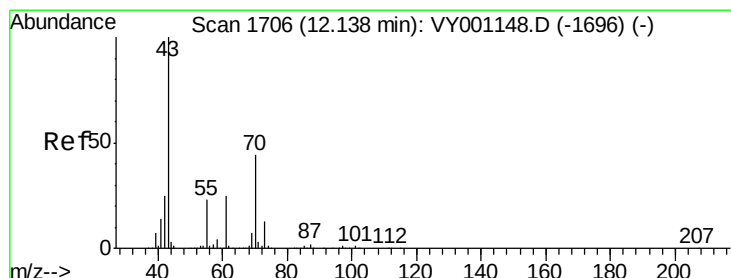
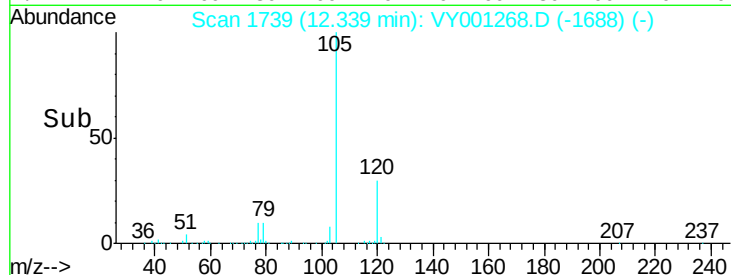
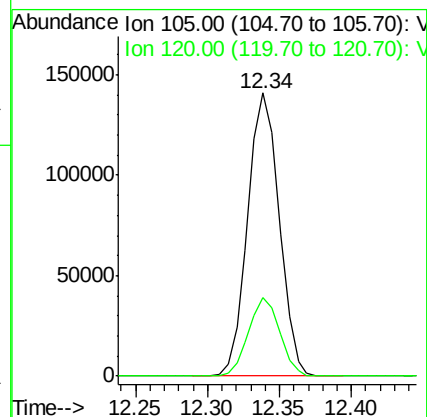
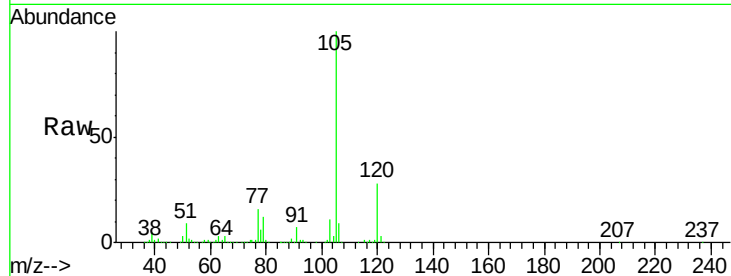
Ion Ratio Lower Upper

105 100

120 27.4 13.4 40.2

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#74

N-ethyl acetate

Concen: 20.079 ug/l

RT: 12.16 min Scan# 1709

Delta R.T. 0.02 min

Lab File: VY001268.D

Acq: 17 Jan 2020 16:27

Tgt Ion: 43 Resp: 65063

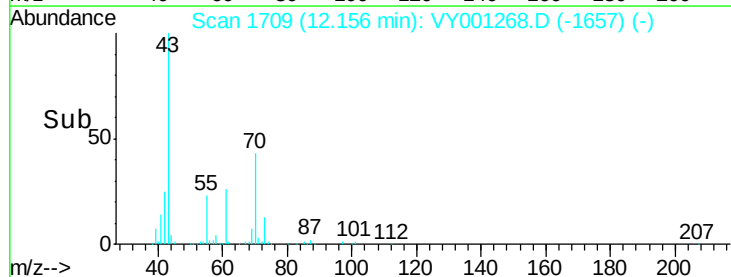
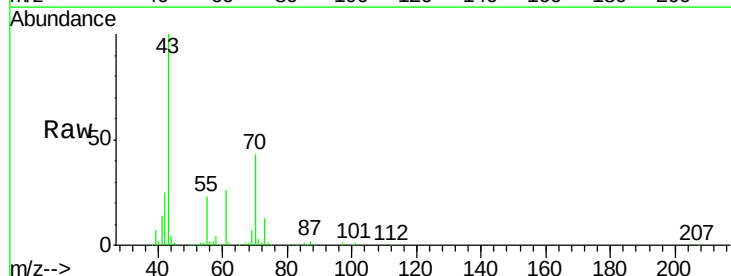
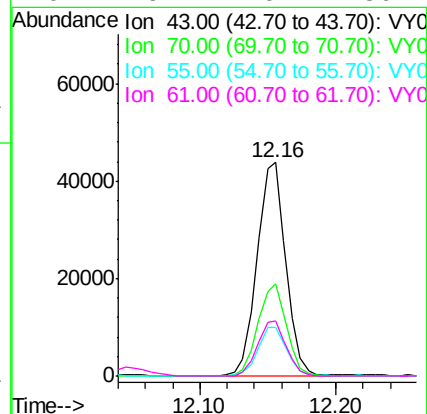
Ion Ratio Lower Upper

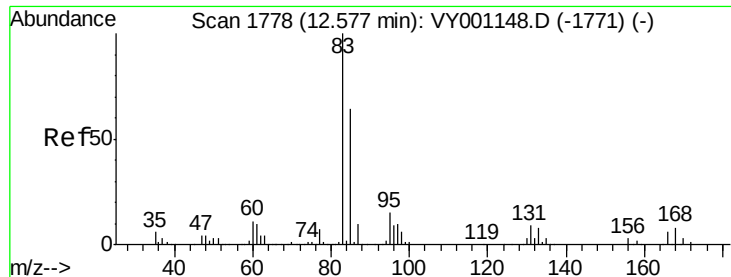
43 100

70 43.0 35.0 52.6

55 23.1 18.4 27.6

61 25.7 20.1 30.1





#75

1,1,2,2-Tetrachloroethane

Concen: 20.784 ug/l

RT: 12.59 min Scan# 1781

Delta R.T. 0.02 min

Lab File: VY001268.D

Acq: 17 Jan 2020 16:27

Instrument :

MSVOA_Y

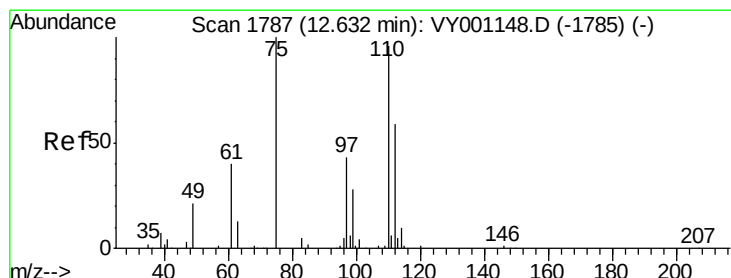
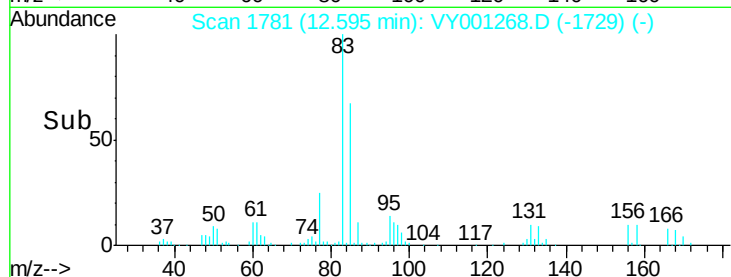
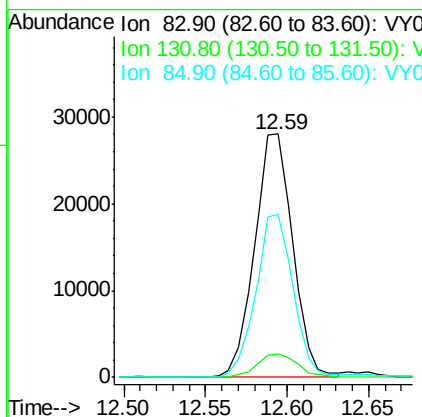
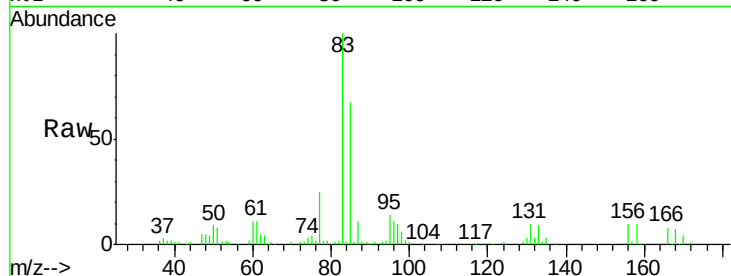
ClientSampleId :

VY0117SBS01

Tot Ion:	83	Resp:	45402
Ion	Ratio	Lower	Upper
83	100		
131	10.4	5.1	15.3
85	67.1	32.2	96.6

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#76

1,2,3-Trichloropropane

Concen: 24.381 ug/l m

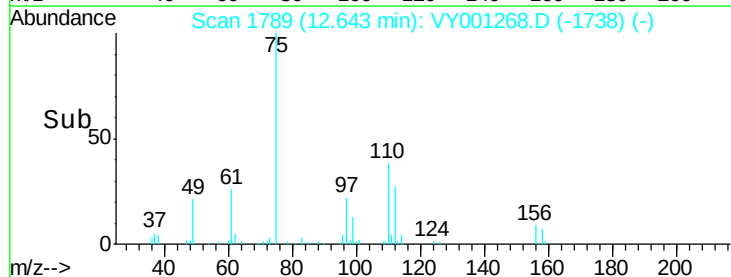
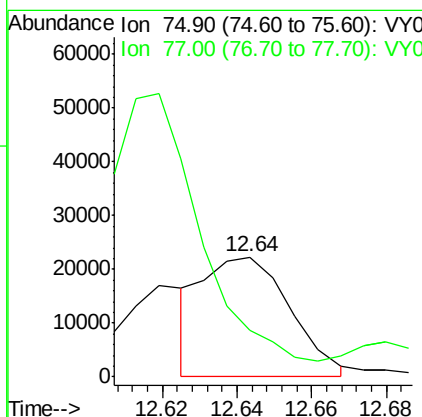
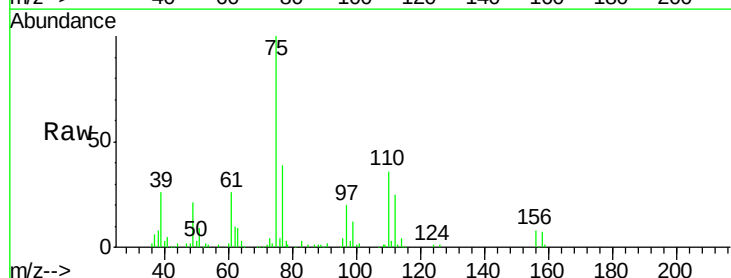
RT: 12.64 min Scan# 1789

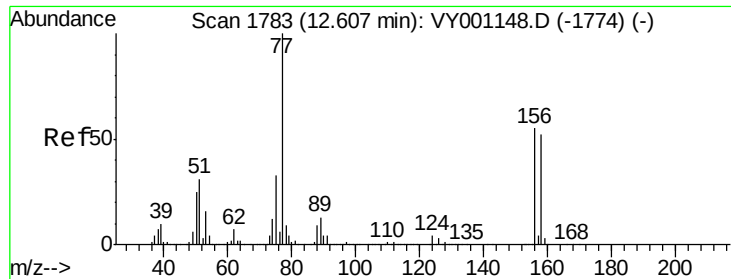
Delta R.T. 0.01 min

Lab File: VY001268.D

Acq: 17 Jan 2020 16:27

Tgt Ion:	75	Resp:	36048
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 21.332 ug/l

RT: 12.62 min Scan# 1785

Delta R.T. 0.01 min

Lab File: VY001268.D

Acq: 17 Jan 2020 16:27

Instrument :

MSVOA_Y

ClientSampleId :

VY0117SBS01

Tot Ion:156 Resp: 48942

Ion Ratio Lower Upper

156 100

77 201.4 106.7 320.1

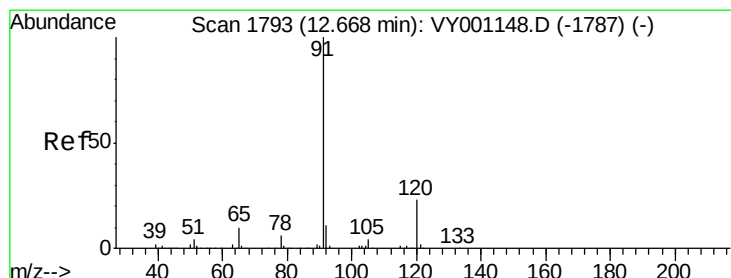
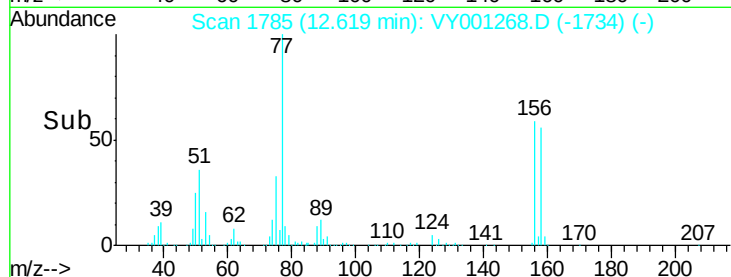
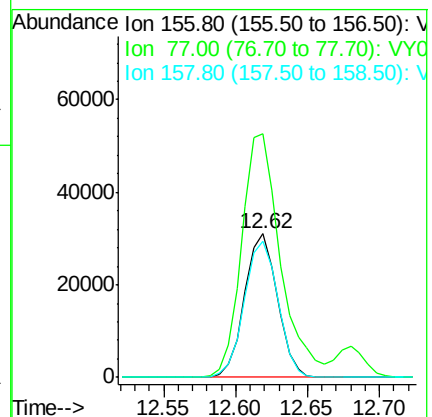
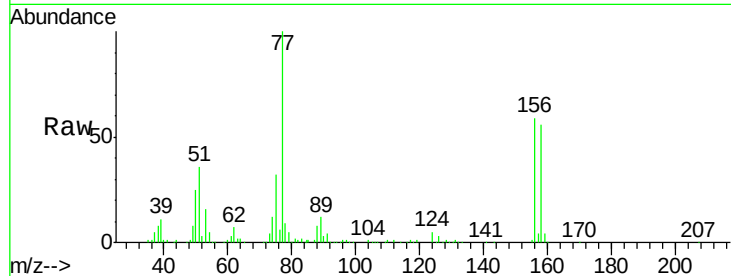
158 97.5 48.3 144.8

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#78

n-propylbenzene

Concen: 20.607 ug/l

RT: 12.68 min Scan# 1795

Delta R.T. 0.01 min

Lab File: VY001268.D

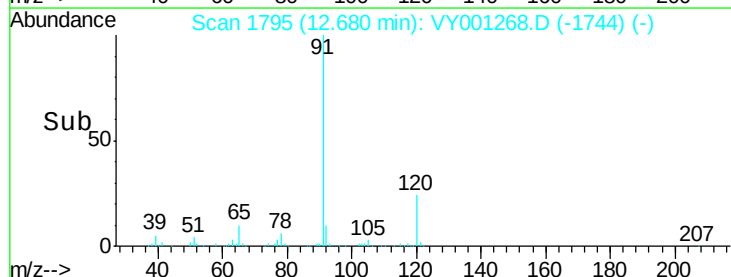
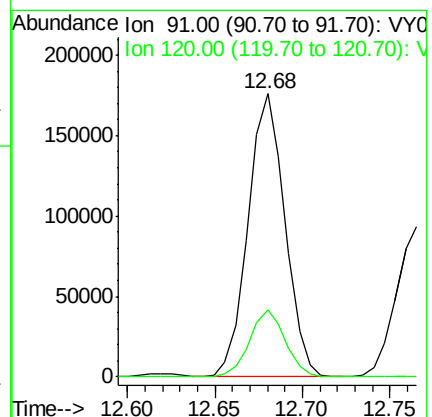
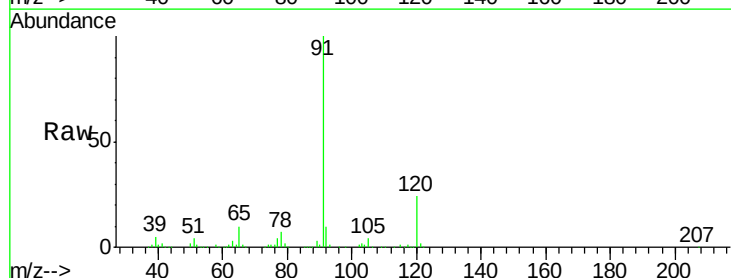
Acq: 17 Jan 2020 16:27

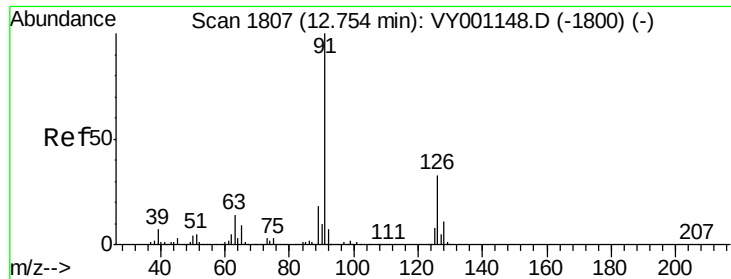
Tgt Ion: 91 Resp: 257361

Ion Ratio Lower Upper

91 100

120 22.9 11.5 34.4





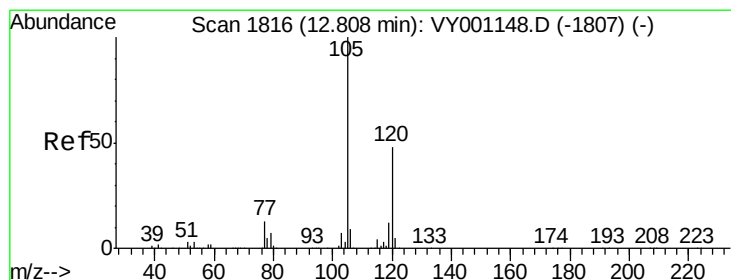
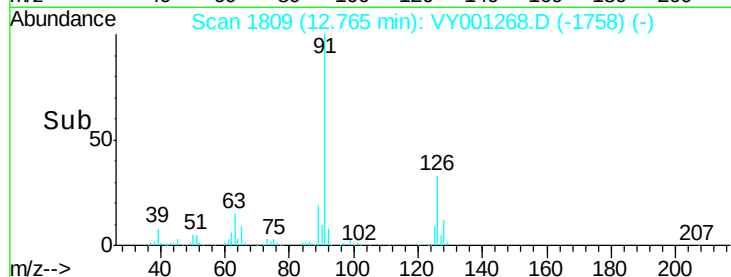
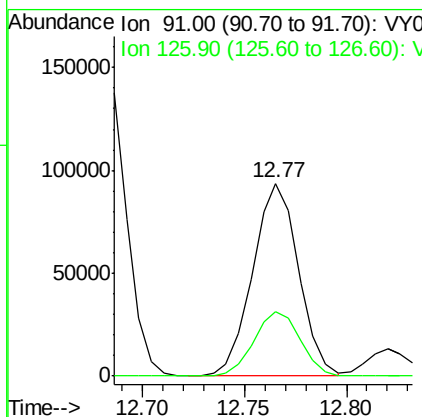
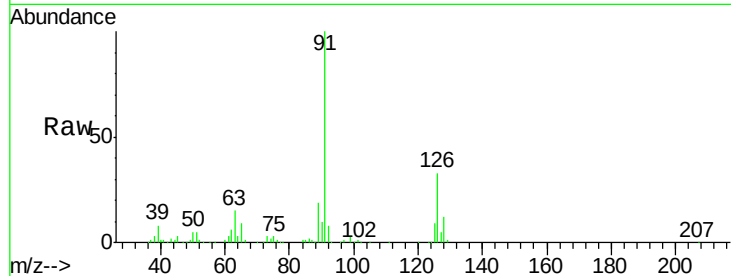
#79
 2-Chlorotoluene
 Concen: 20.424 ug/l
 RT: 12.77 min Scan# 1809
 Delta R.T. 0.01 min
 Lab File: VY001268.D
 Acq: 17 Jan 2020 16:27

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0117SBS01

Tot Ion: 91 Resp: 146496
 Ion Ratio Lower Upper
 91 100
 126 33.7 16.4 49.4

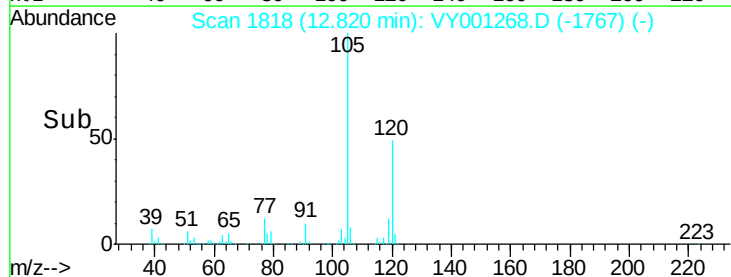
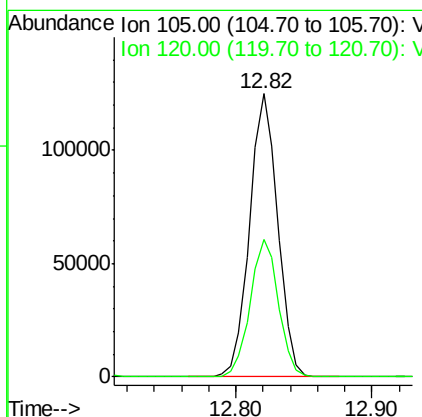
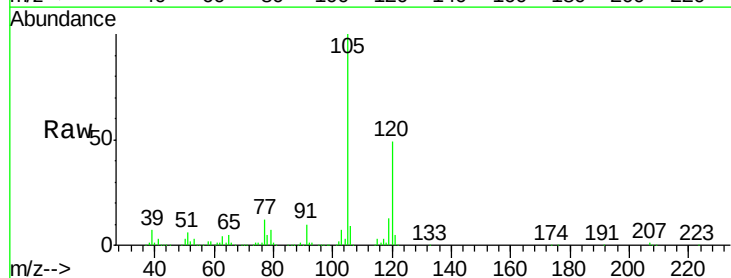
Manual Integrations
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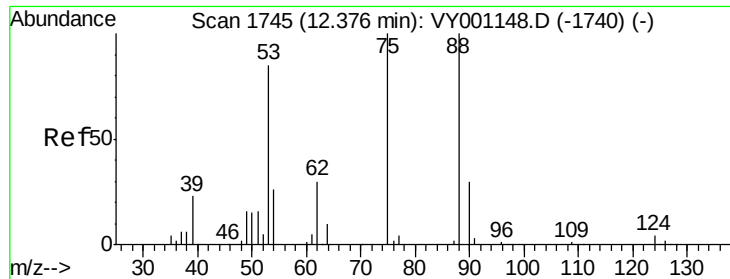
MMDadoda
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#80
 1,3,5-Trimethylbenzene
 Concen: 20.915 ug/l
 RT: 12.82 min Scan# 1818
 Delta R.T. 0.01 min
 Lab File: VY001268.D
 Acq: 17 Jan 2020 16:27

Tgt Ion: 105 Resp: 181197
 Ion Ratio Lower Upper
 105 100
 120 48.9 24.2 72.6





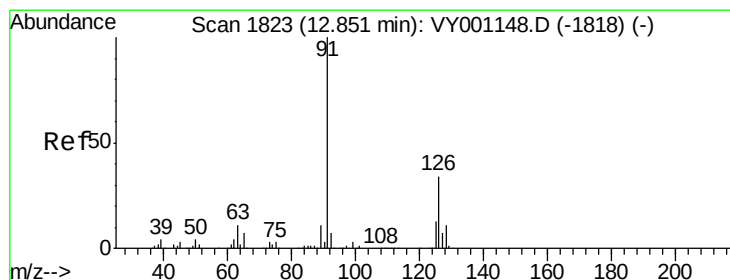
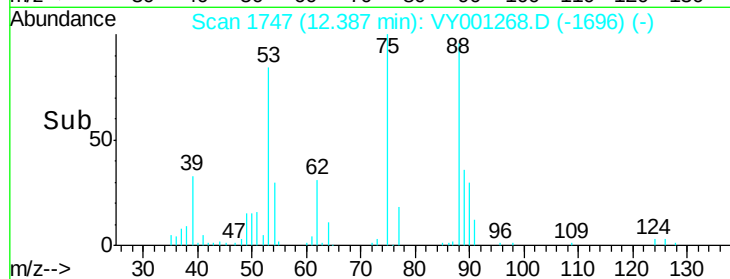
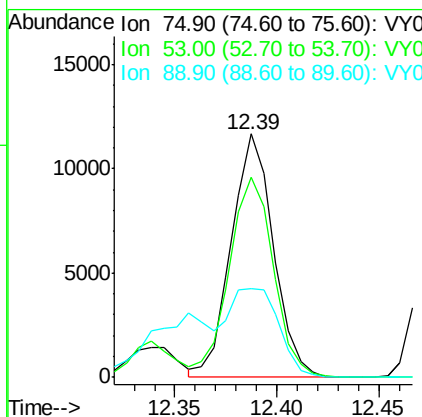
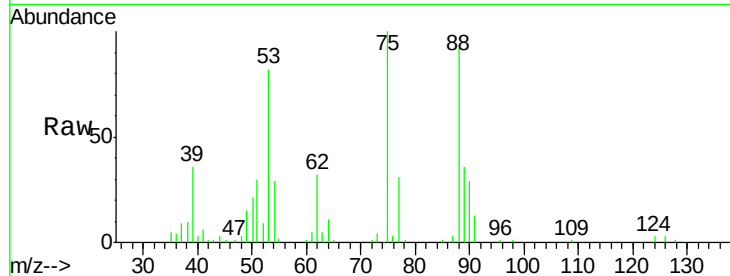
#81
trans-1,4-Dichloro-2-butene
Concen: 19.170 ug/l
RT: 12.39 min Scan# 1747
Delta R.T. 0.01 min
Lab File: VY001268.D
Acq: 17 Jan 2020 16:27

Instrument :
MSVOA_Y
ClientSampleId :
VY0117SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	86.7	69.4	104.2
89	44.0	0.0	0.0#

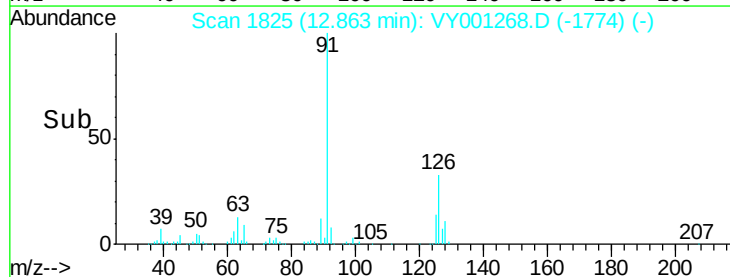
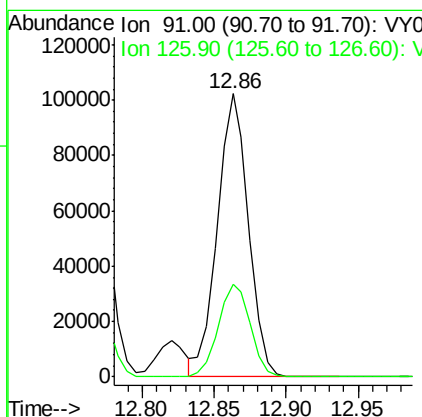
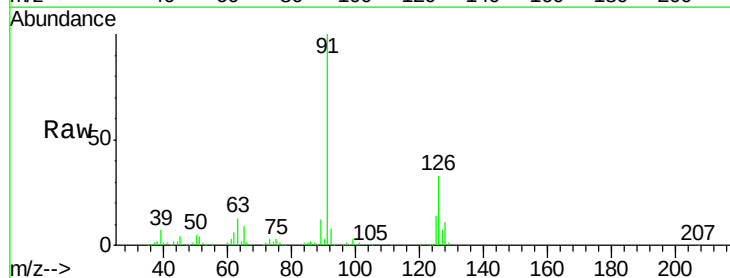
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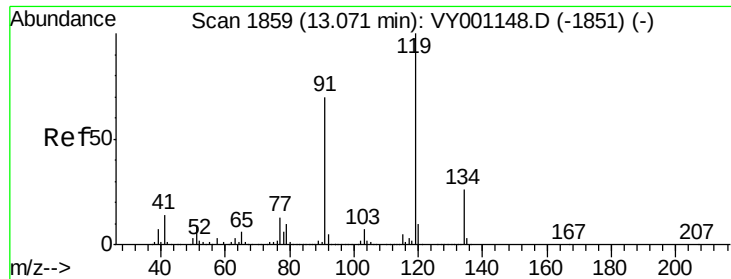
MMDadoda
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#82
4-Chlorotoluene
Concen: 20.089 ug/l
RT: 12.86 min Scan# 1825
Delta R.T. 0.01 min
Lab File: VY001268.D
Acq: 17 Jan 2020 16:27

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.9	16.3	48.8





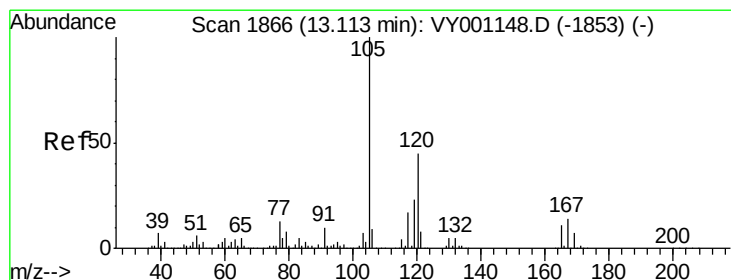
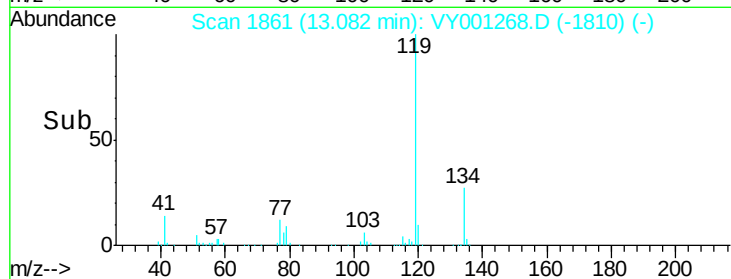
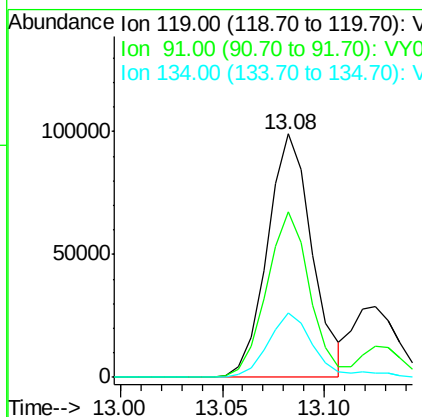
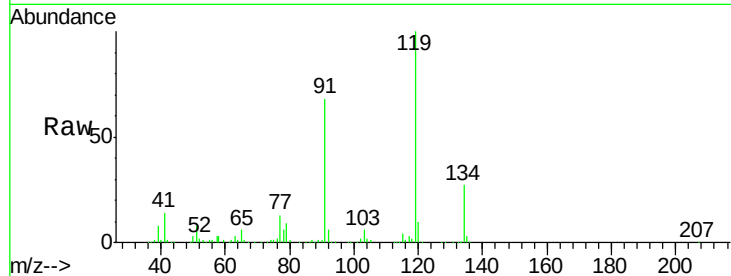
#83
 tert-Butylbenzene
 Concen: 20.777 ug/l
 RT: 13.08 min Scan# 1861
 Delta R.T. 0.01 min
 Lab File: VY001268.D
 Acq: 17 Jan 2020 16:27

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0117SBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	66.3	33.9	101.7
134	27.6	13.5	40.4

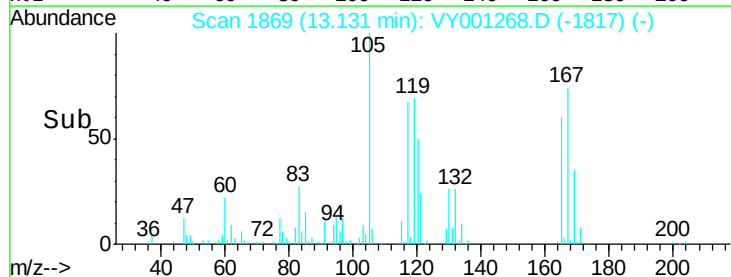
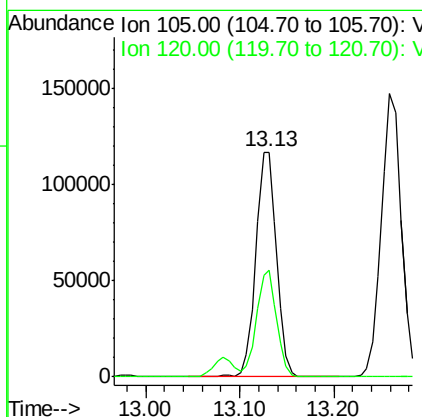
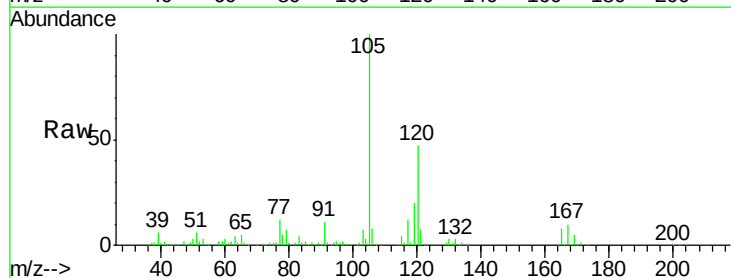
Manual Integrations
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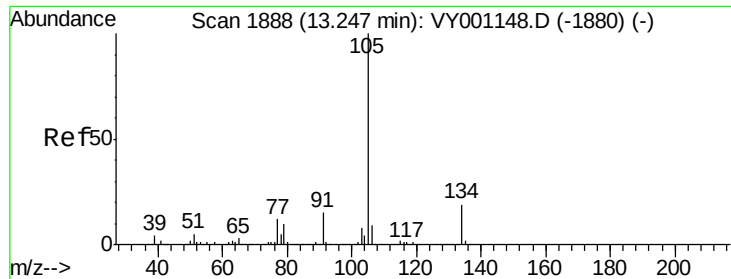
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#84
 1,2,4-Trimethylbenzene
 Concen: 21.135 ug/l
 RT: 13.13 min Scan# 1869
 Delta R.T. 0.02 min
 Lab File: VY001268.D
 Acq: 17 Jan 2020 16:27

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.4	22.8	68.3





#85

sec-Butylbenzene

Concen: 20.713 ug/l

RT: 13.26 min Scan# 1890

Delta R.T. 0.01 min

Lab File: VY001268.D

Acq: 17 Jan 2020 16:27

Instrument :

MSVOA_Y

ClientSampleId :

VY0117SBS01

Tot Ion:105 Resp: 216913

Ion Ratio Lower Upper

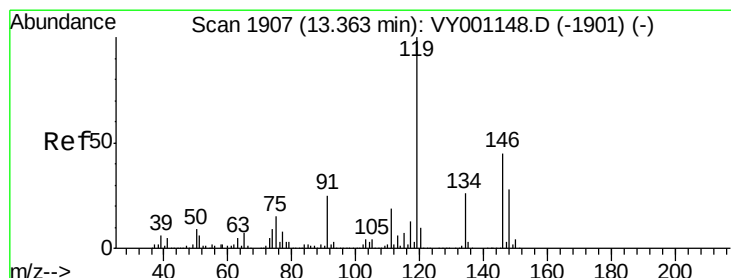
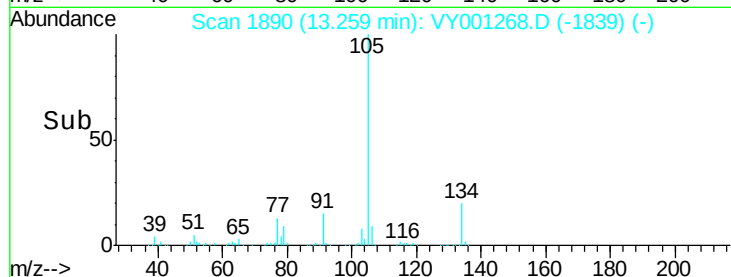
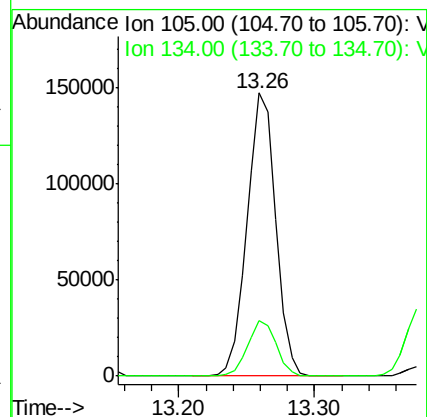
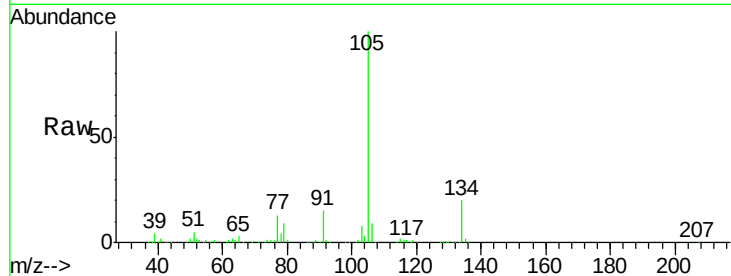
105 100

134 19.7 9.8 29.5

Manual Integrations
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#86

p-Isopropyltoluene

Concen: 21.144 ug/l

RT: 13.37 min Scan# 1909

Delta R.T. 0.01 min

Lab File: VY001268.D

Acq: 17 Jan 2020 16:27

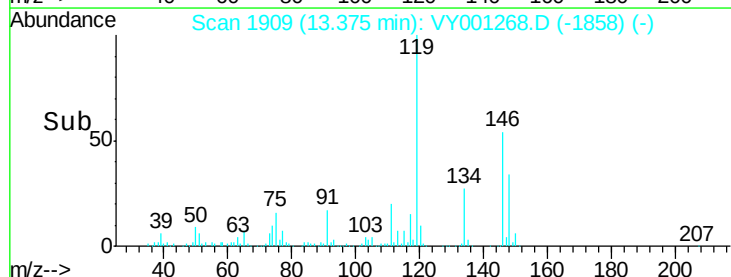
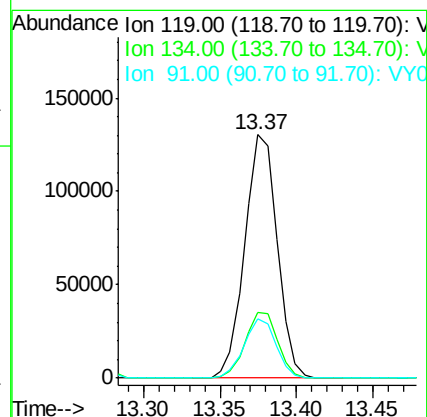
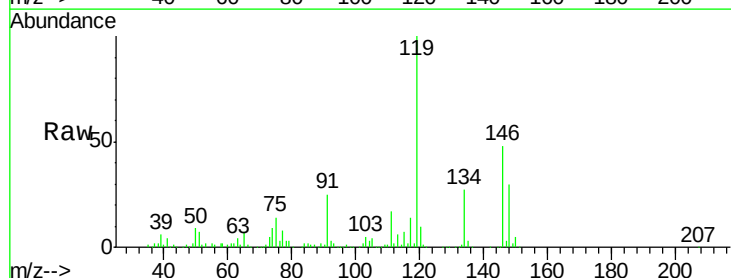
Tgt Ion:119 Resp: 192249

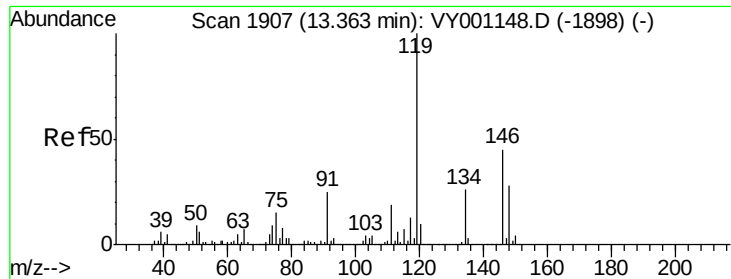
Ion Ratio Lower Upper

119 100

134 27.0 13.4 40.2

91 24.2 12.4 37.2





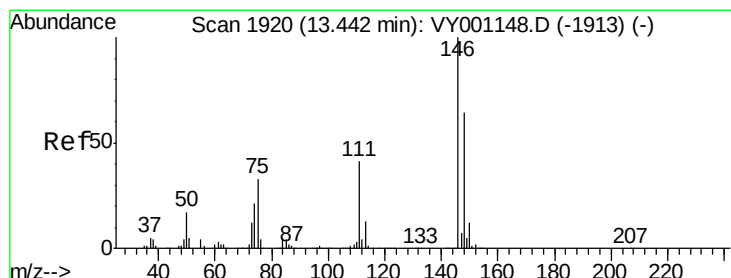
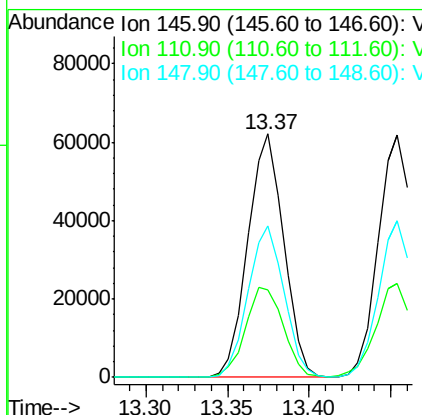
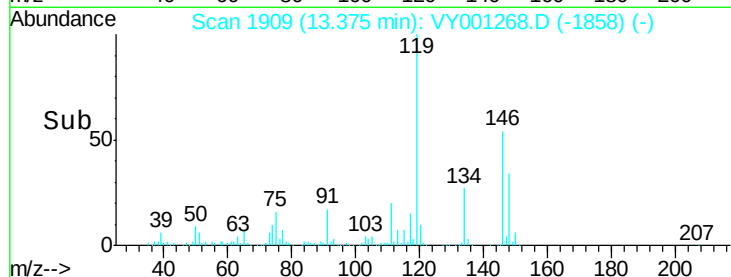
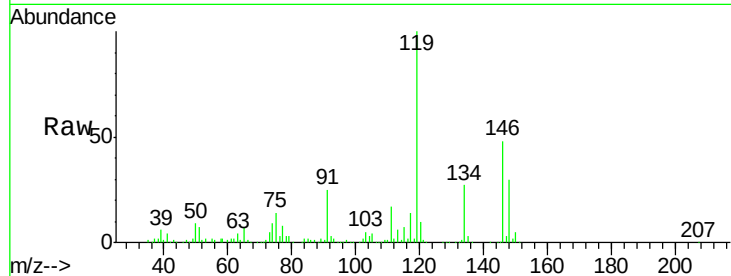
#87
 1,3-Dichlorobenzene
 Concen: 22.056 ug/l
 RT: 13.37 min Scan# 1909
 Delta R.T. 0.01 min
 Lab File: VY001268.D
 Acq: 17 Jan 2020 16:27

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0117SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.8	21.3	64.0
148	62.2	31.9	95.5

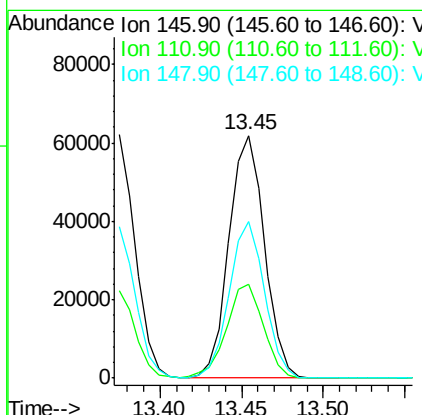
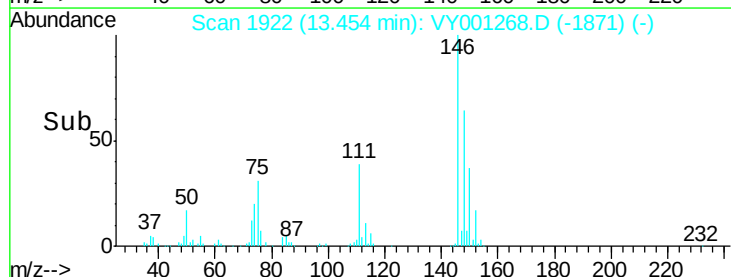
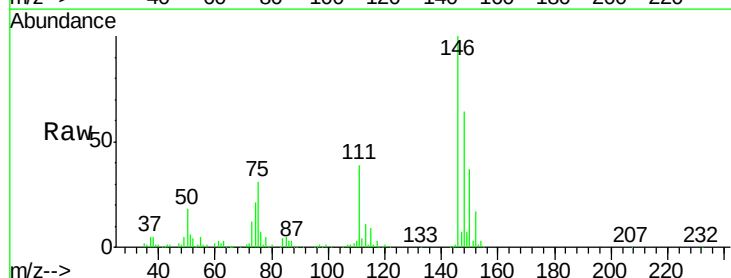
Manual Integrations
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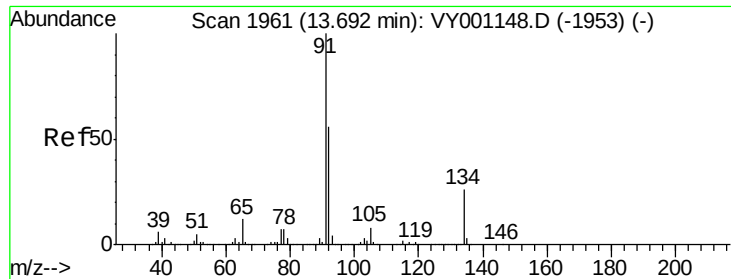
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#88
 1,4-Dichlorobenzene
 Concen: 21.078 ug/l
 RT: 13.45 min Scan# 1922
 Delta R.T. 0.01 min
 Lab File: VY001268.D
 Acq: 17 Jan 2020 16:27

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.5	20.8	62.5
148	64.0	32.0	96.2





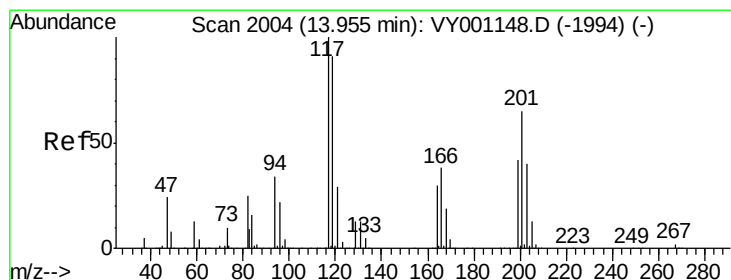
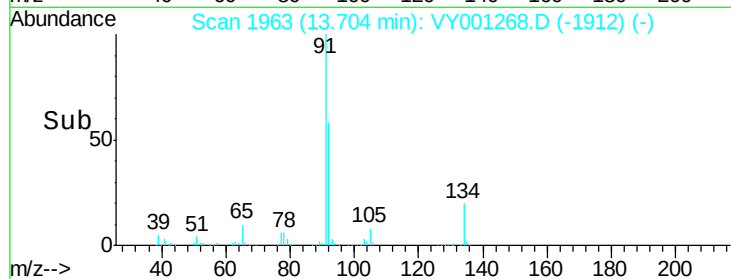
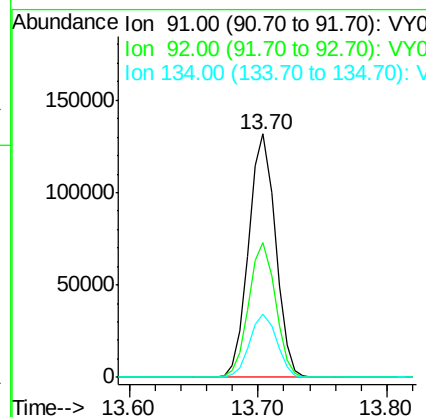
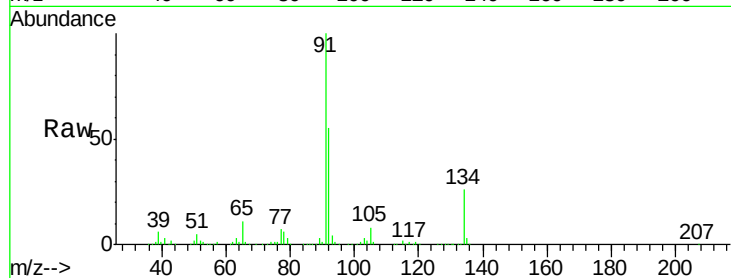
#89
n-Butylbenzene
Concen: 20.629 ug/l
RT: 13.70 min Scan# 1963
Delta R.T. 0.01 min
Lab File: VY001268.D
Acq: 17 Jan 2020 16:27

Instrument :
MSVOA_Y
ClientSampleId :
VY0117SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	55.2	27.7	83.1
134	26.2	12.9	38.6

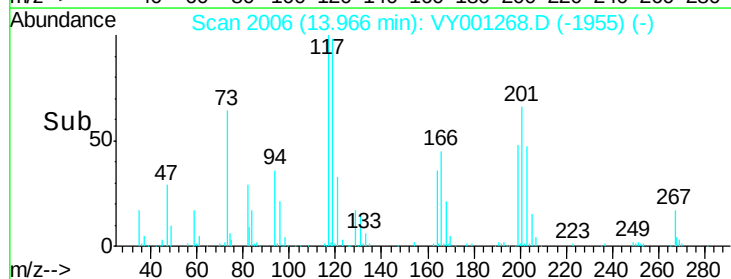
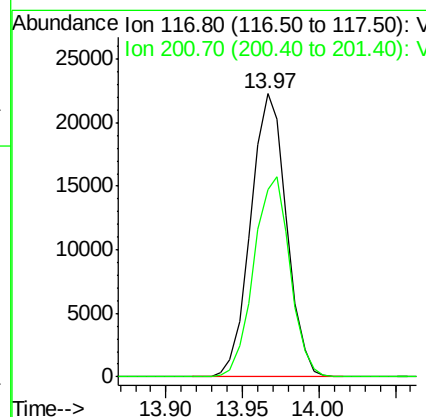
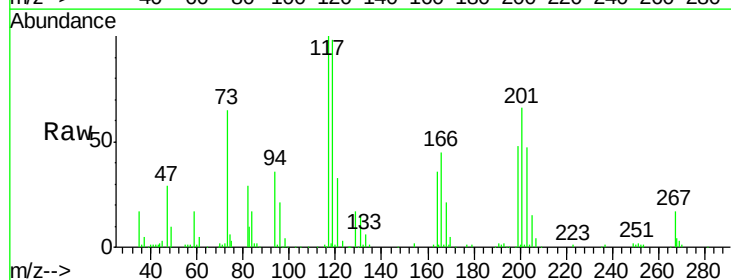
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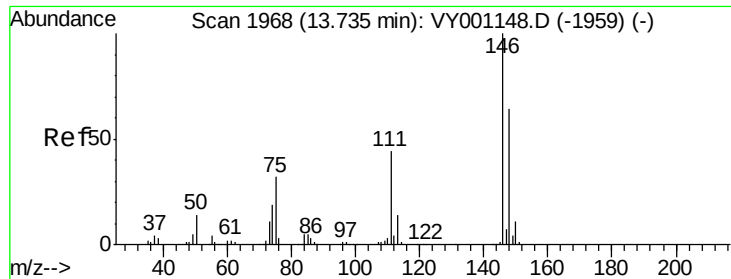
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#90
Hexachloroethane
Concen: 20.428 ug/l
RT: 13.97 min Scan# 2006
Delta R.T. 0.01 min
Lab File: VY001268.D
Acq: 17 Jan 2020 16:27

Tgt Ion	Ratio	Lower	Upper
117	100		
201	71.3	35.4	106.2





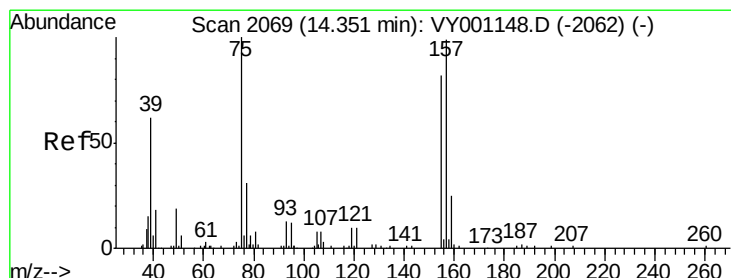
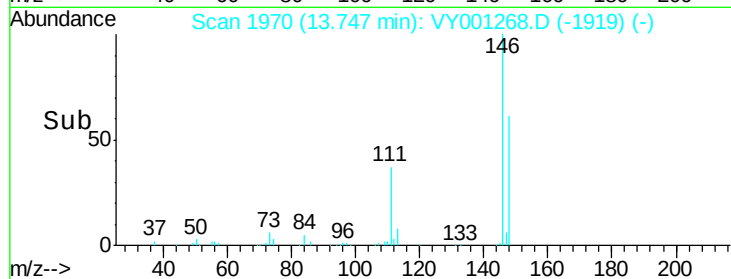
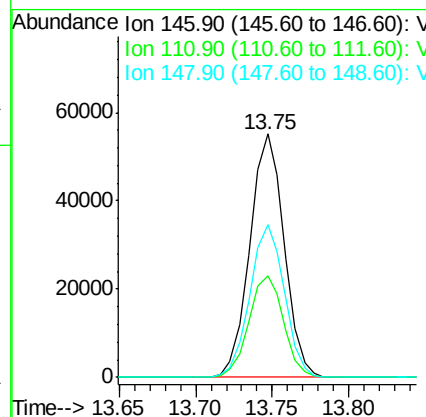
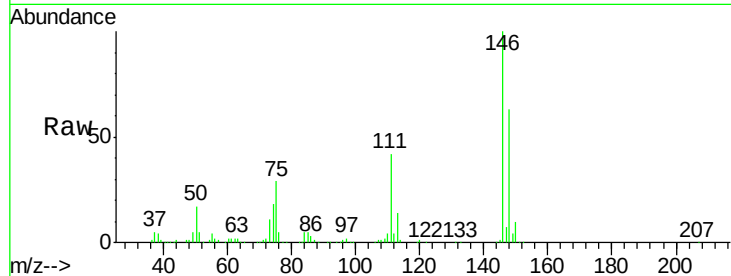
#91
 1,2-Dichlorobenzene
 Concen: 21.241 ug/l
 RT: 13.75 min Scan# 1970
 Delta R.T. 0.01 min
 Lab File: VY001268.D
 Acq: 17 Jan 2020 16:27

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0117SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.3	22.0	66.0
148	63.1	32.1	96.3

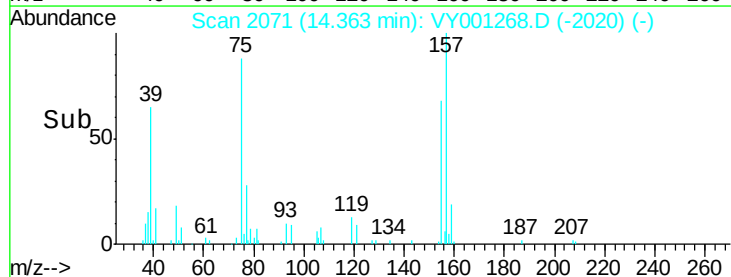
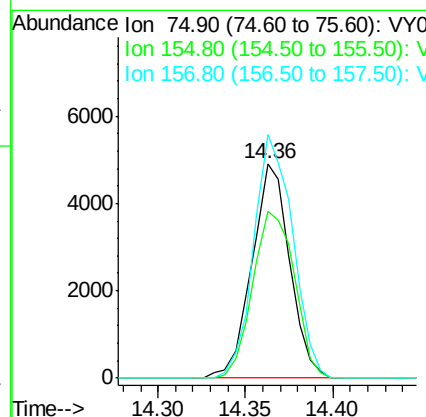
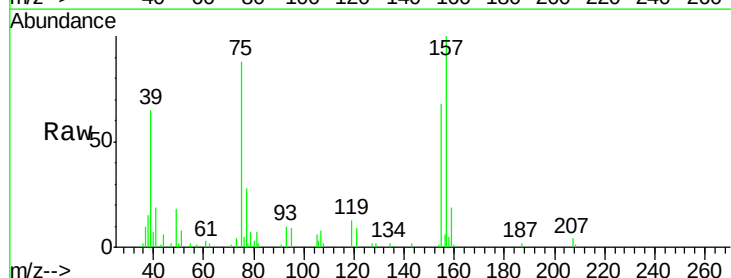
Manual Integrations
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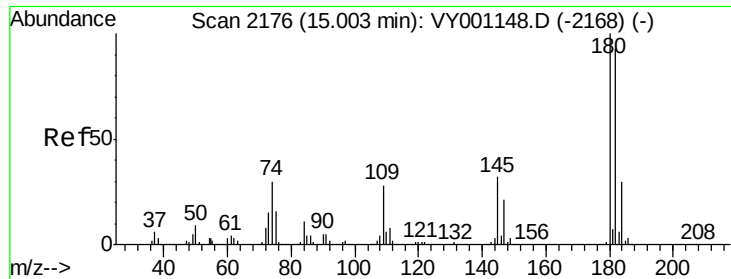
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.667 ug/l
 RT: 14.36 min Scan# 2071
 Delta R.T. 0.01 min
 Lab File: VY001268.D
 Acq: 17 Jan 2020 16:27

Tgt Ion	Ratio	Lower	Upper
75	100		
155	85.7	41.2	123.6
157	117.2	52.8	158.4





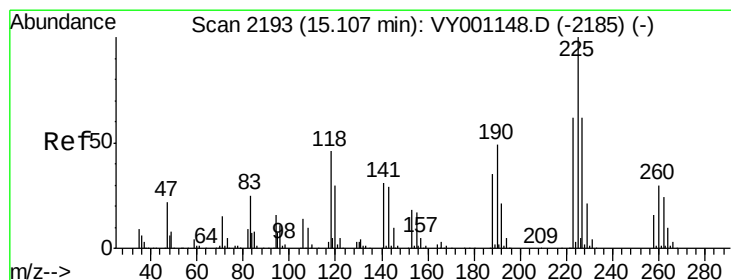
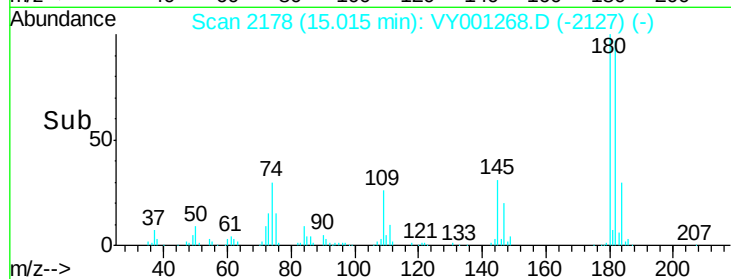
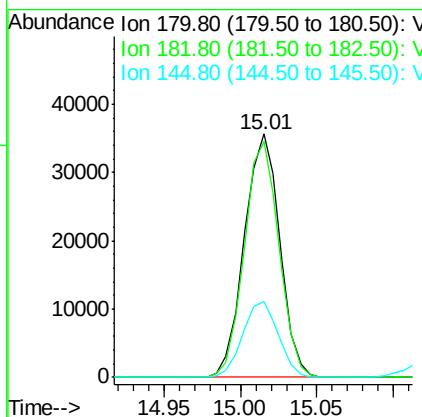
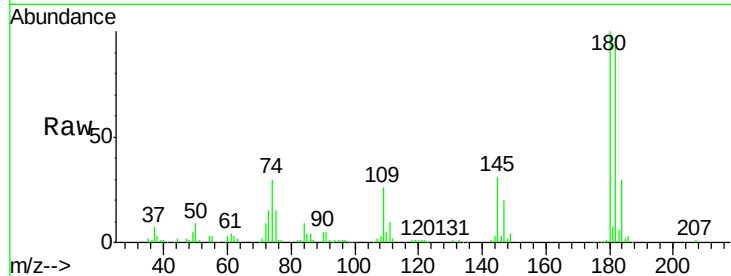
#93
1,2,4-Trichlorobenzene
Concen: 21.601 ug/l
RT: 15.01 min Scan# 2178
Delta R.T. 0.01 min
Lab File: VY001268.D
Acq: 17 Jan 2020 16:27

Instrument :
MSVOA_Y
ClientSampleId :
VY0117SBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.6	46.9	140.8
145	31.3	16.0	48.0

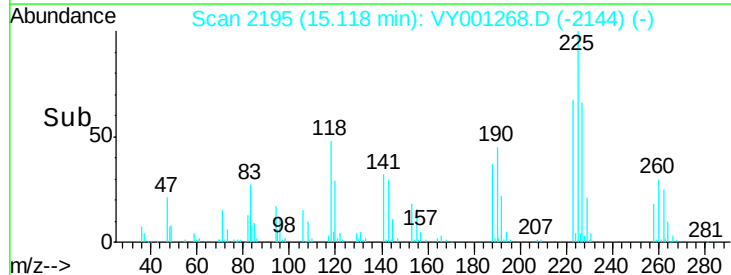
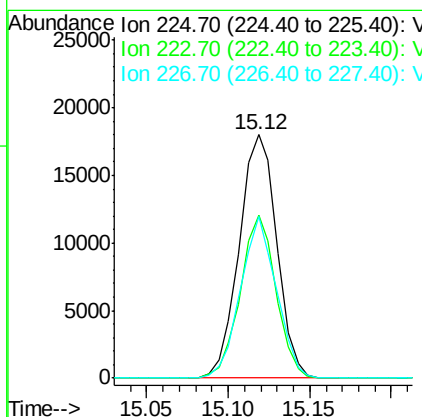
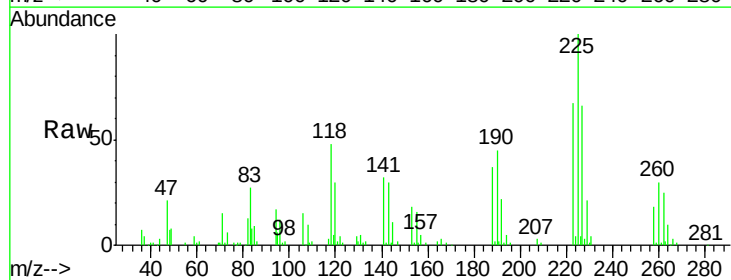
Manual Integrations
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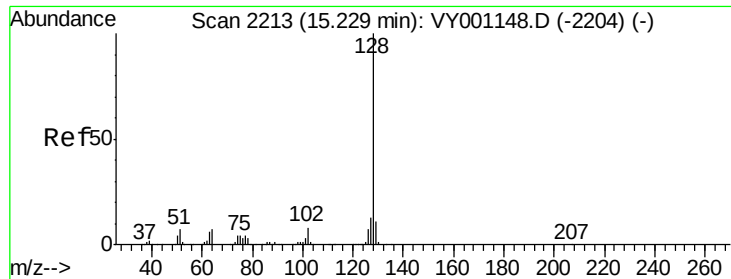
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#94
Hexachlorobutadiene
Concen: 21.586 ug/l
RT: 15.12 min Scan# 2195
Delta R.T. 0.01 min
Lab File: VY001268.D
Acq: 17 Jan 2020 16:27

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.3	31.1	93.3
227	63.3	31.3	93.9





#95

Naphthalene

Concen: 20.457 ug/l

RT: 15.24 min Scan# 2215

Delta R.T. 0.01 min

Lab File: VY001268.D

Acq: 17 Jan 2020 16:27

Instrument :

MSVOA_Y

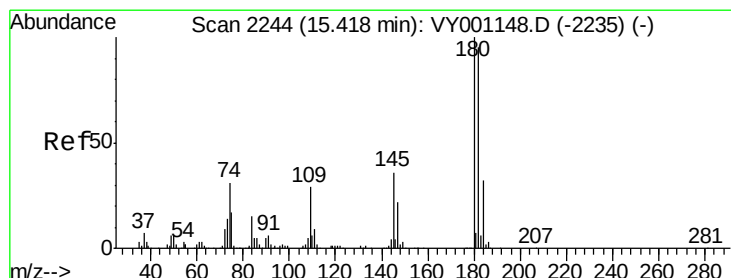
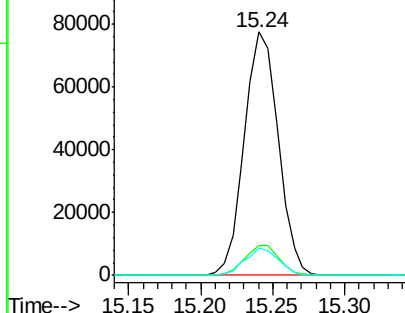
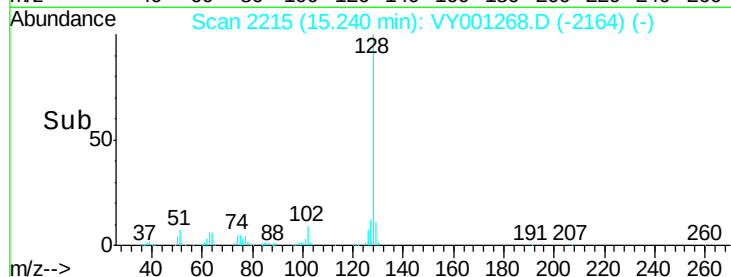
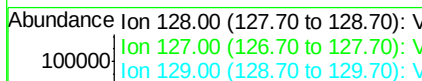
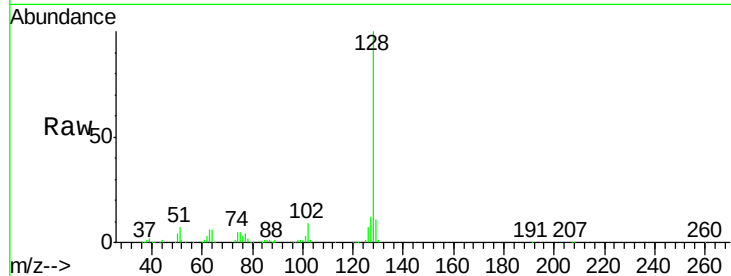
ClientSampleId :

VY0117SBS01

Tot Ion:	128	Resp:	126535
Ion Ratio	Lower	Upper	
128	100		
127	12.5	10.2	15.4
129	11.1	8.5	12.7

Manual Integrations
APPROVED

MMDadoda
1/20/2020 11:06:46 AM



#96

1,2,3-Trichlorobenzene

Concen: 21.881 ug/l

RT: 15.43 min Scan# 2246

Delta R.T. 0.01 min

Lab File: VY001268.D

Acq: 17 Jan 2020 16:27

Tgt Ion:	180	Resp:	51236
Ion Ratio	Lower	Upper	
180	100		
182	93.6	47.5	142.5
145	32.5	17.1	51.3

