

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY112020\
 Data File : VY003565.D
 Acq On : 20 Nov 2020 14:20
 Operator : SY/MD
 Sample : VY1120SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1120SBS01

Manual Integrations
 APPROVED

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 11/23/2020 1:39:36 PM

Quant Time: Nov 21 02:22:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112020S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 21 01:00:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.79	168	164980	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	245691	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	220926	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	108021	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	80411	46.94	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.88%
35) Dibromofluoromethane	7.72	113	77386	47.92	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.84%
50) Toluene-d8	10.18	98	292930	46.64	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	93.28%
62) 4-Bromofluorobenzene	12.48	95	95962	48.15	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	96.30%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.92	85	10013	20.594	ug/l 86
3) Chloromethane	2.12	50	22770	19.895	ug/l 97
4) Vinyl Chloride	2.26	62	30021	20.276	ug/l 99
5) Bromomethane	2.66	94	25442	20.543	ug/l 96
6) Chloroethane	2.80	64	21124	20.344	ug/l 96
7) Trichlorofluoromethane	3.13	101	24505	18.762	ug/l 95
8) Diethyl Ether	3.53	74	19257	20.327	ug/l 97
9) 1,1,2-Trichlorotrifluoroet	3.91	101	29780	19.864	ug/l 100
10) Methyl Iodide	4.10	142	51029	20.045	ug/l 99
11) Tert butyl alcohol	5.02	59	13119	101.326	ug/l # 100
12) 1,1-Dichloroethene	3.87	96	32989	20.308	ug/l 96
13) Acrolein	3.74	56	17489	107.002	ug/l 100
14) Allyl chloride	4.48	41	54010	19.834	ug/l 97
15) Acrylonitrile	5.18	53	45401	101.863	ug/l 98
16) Acetone	3.97	43	50050	87.505	ug/l 93
17) Carbon Disulfide	4.20	76	92859	19.858	ug/l 97
18) Methyl Acetate	4.49	43	24436	19.639	ug/l 99
19) Methyl tert-butyl Ether	5.22	73	47275	19.607	ug/l 97
20) Methylene Chloride	4.72	84	45591	22.018	ug/l 97
21) trans-1,2-Dichloroethene	5.22	96	35814	19.719	ug/l 94
22) Diisopropyl ether	6.13	45	95151	20.385	ug/l 96
23) Vinyl Acetate	6.07	43	377579	104.071	ug/l 99
24) 1,1-Dichloroethane	6.02	63	63660	20.491	ug/l 97
25) 2-Butanone	7.00	43	70062	94.400	ug/l 98
26) 2,2-Dichloropropane	6.99	77	40274	19.824	ug/l 98
27) cis-1,2-Dichloroethene	6.99	96	40250	20.441	ug/l 99
28) Bromochloromethane	7.34	49	28329	18.628	ug/l 98
29) Tetrahydrofuran	7.36	42	38501	99.023	ug/l 99
30) Chloroform	7.51	83	63228	20.394	ug/l 94
31) Cyclohexane	7.78	56	48966	19.772	ug/l 97
32) 1,1,1-Trichloroethane	7.71	97	47720	19.919	ug/l 97
36) 1,1-Dichloropropene	7.92	75	50292	20.792	ug/l 97
37) Ethyl Acetate	7.08	43	30383	20.845	ug/l 98
38) Carbon Tetrachloride	7.90	117	46129	20.587	ug/l 97

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 Quant Title : SW846 8260
 QLast Update : Sat Nov 21 01:00:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	47456	19.306	ug/l	97
40) Benzene	8.16	78	144895	20.208	ug/l	99
41) Methacrylonitrile	7.32	41	15018	17.427	ug/l	94
42) 1,2-Dichloroethane	8.24	62	42703	20.935	ug/l	99
43) Isopropyl Acetate	8.28	43	54498	20.362	ug/l	97
44) Trichloroethene	8.94	130	40158	20.554	ug/l	97
45) 1,2-Dichloropropane	9.22	63	36316	20.432	ug/l	100
46) Dibromomethane	9.30	93	20538	20.290	ug/l	100
47) Bromodichloromethane	9.50	83	48286	20.084	ug/l	99
48) Methyl methacrylate	9.29	41	25609	19.989	ug/l	95
49) 1,4-Dioxane	9.32	88	5219	450.005	ug/l #	87
51) 4-Methyl-2-Pentanone	10.07	43	126850	98.890	ug/l	98
52) Toluene	10.24	92	89639	20.418	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	51117	20.314	ug/l	99
54) cis-1,3-Dichloropropene	9.92	75	58288	20.352	ug/l	98
55) 1,1,2-Trichloroethane	10.64	97	28846	20.092	ug/l	88
56) Ethyl methacrylate	10.51	69	35609	20.410	ug/l	99
57) 1,3-Dichloropropane	10.79	76	51325	21.122	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.78	63	94877	105.965	ug/l	99
59) 2-Hexanone	10.83	43	102203	96.652	ug/l	100
60) Dibromochloromethane	10.99	129	35418	20.403	ug/l	100
61) 1,2-Dibromoethane	11.09	107	28309	20.462	ug/l	96
64) Tetrachloroethene	10.72	164	32575	19.740	ug/l	92
65) Chlorobenzene	11.52	112	97698	20.440	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.59	131	27949	20.378	ug/l	98
67) Ethyl Benzene	11.59	91	159848	20.409	ug/l	99
68) m/p-Xylenes	11.70	106	124762	41.599	ug/l	99
69) o-Xylene	12.03	106	49495	20.632	ug/l	99
70) Styrene	12.04	104	98597	20.392	ug/l	99
71) Bromoform	12.20	173	21957	19.824	ug/l #	99
73) Isopropylbenzene	12.33	105	110534	20.543	ug/l	98
74) N-amyl acetate	12.14	43	42802	20.086	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	31177	20.823	ug/l	98
76) 1,2,3-Trichloropropane	12.63	75	19780m	18.888	ug/l	
77) Bromobenzene	12.61	156	41025	20.723	ug/l	98
78) n-propylbenzene	12.67	91	153754	20.340	ug/l	99
79) 2-Chlorotoluene	12.75	91	89703	20.558	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	83446	20.634	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	13046	19.804	ug/l	99
82) 4-Chlorotoluene	12.85	91	108759	20.344	ug/l	99
83) tert-Butylbenzene	13.07	119	81848	19.994	ug/l	98
84) 1,2,4-Trimethylbenzene	13.12	105	89575	20.803	ug/l	100
85) sec-Butylbenzene	13.25	105	95321	20.572	ug/l	98
86) p-Isopropyltoluene	13.36	119	87995	21.165	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	74572	20.694	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	73646	19.943	ug/l	97
89) n-Butylbenzene	13.69	91	89434	20.104	ug/l	98
90) Hexachloroethane	13.95	117	22514	20.480	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	58414	20.308	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.35	75	4162	21.342	ug/l	97

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MSVOA_Y
ClientSampleId :
VY1120SBS01

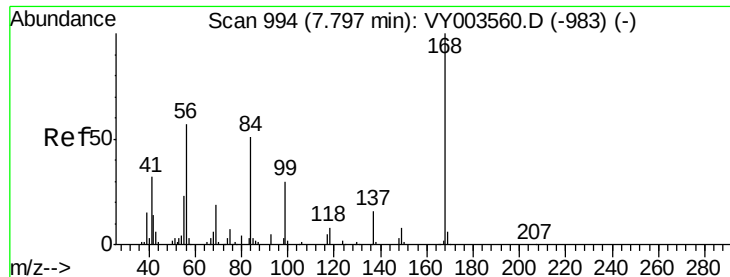
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	32574	20.193	ug/l	99
94) Hexachlorobutadiene	15.11	225	18418	18.751	ug/l	98
95) Naphthalene	15.23	128	55323	20.097	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	24254	20.453	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.01 min

Lab File: VY003565.D

Acq: 20 Nov 2020 14:20

Instrument :

MSVOA_Y

ClientSampleId :

VY1120SBS01

Tot Ion:168 Resp: 164980

Ion Ratio Lower Upper

168 100

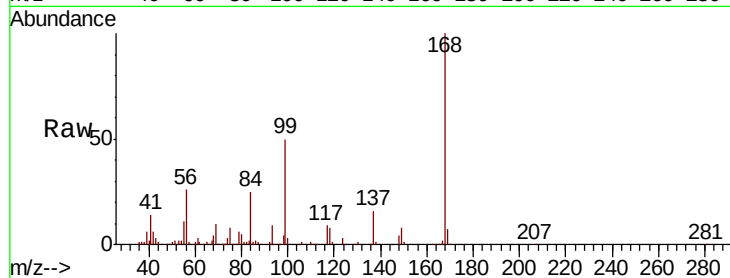
99 50.1 37.6 56.4

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VY003565.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY003565.D (-945) (-)

7.79

80000

60000

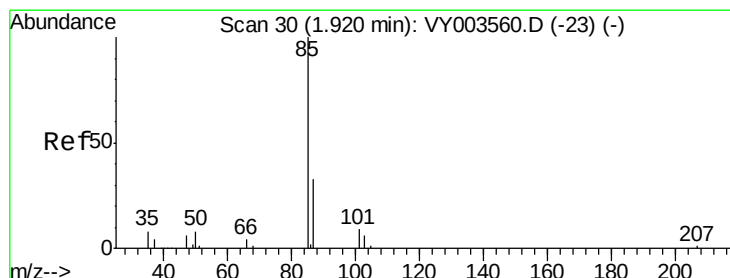
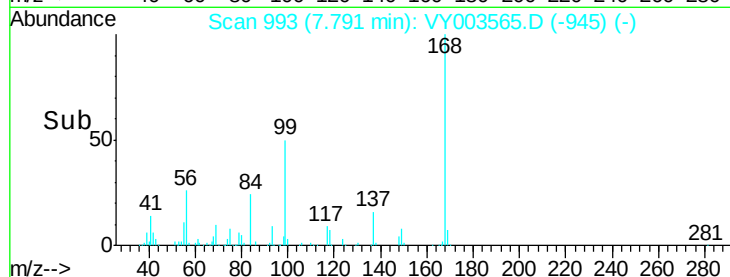
40000

20000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 20.594 ug/l

RT: 1.92 min Scan# 30

Delta R.T. 0.00 min

Lab File: VY003565.D

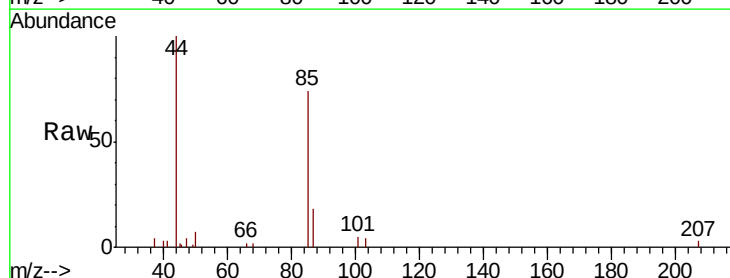
Acq: 20 Nov 2020 14:20

Tgt Ion: 85 Resp: 10013

Ion Ratio Lower Upper

85 100

87 24.9 16.5 49.5



Abundance Ion 84.90 (84.60 to 85.60): VY003565.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY003565.D (-1) (-)

1.92

4000

3000

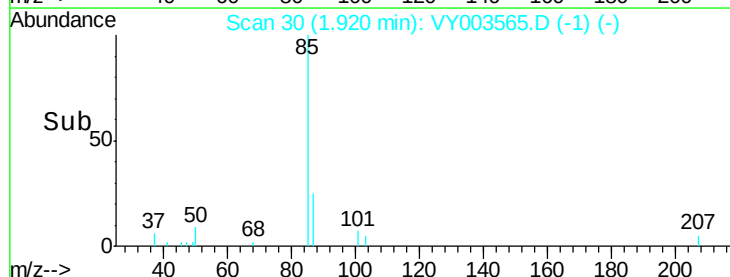
2000

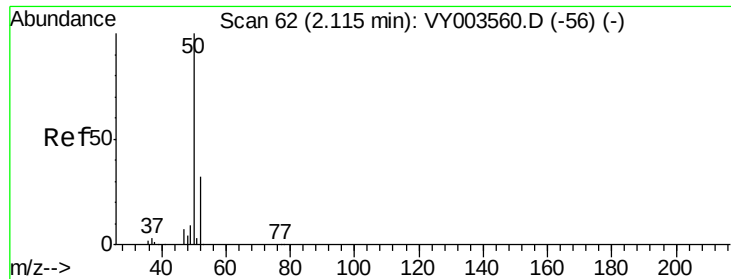
1000

0

1.90 2.00

Time-->





#3

Chloromethane

Concen: 19.895 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY003565.D

Acq: 20 Nov 2020 14:20

Instrument :

MSVOA_Y

ClientSampleId :

VY1120SBS01

Tot Ion: 50 Resp: 22770

Ion Ratio Lower Upper

50 100

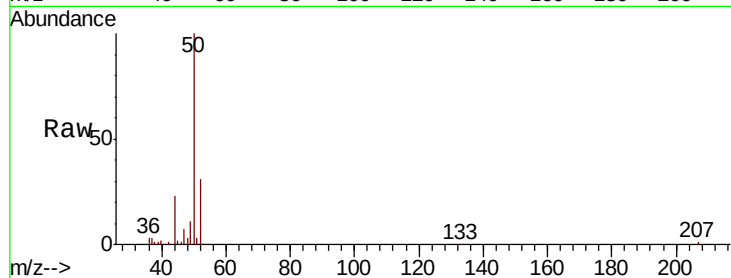
52 30.6 25.8 38.6

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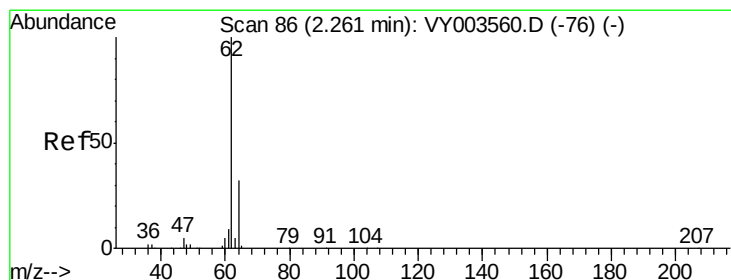
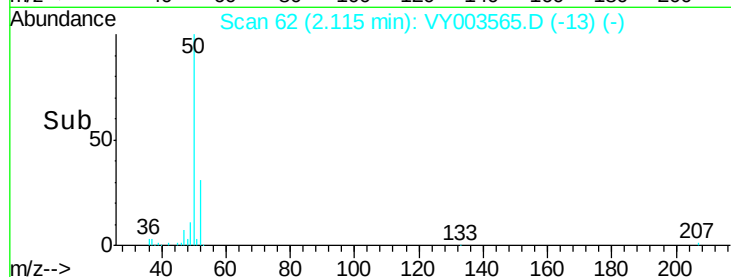
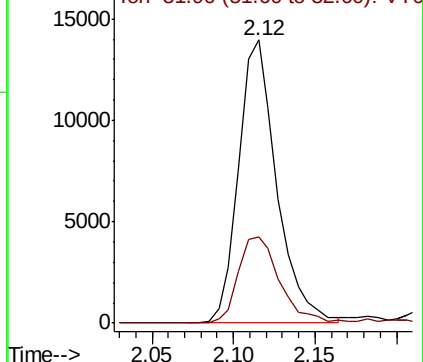
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Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 20.276 ug/l

RT: 2.26 min Scan# 86

Delta R.T. 0.00 min

Lab File: VY003565.D

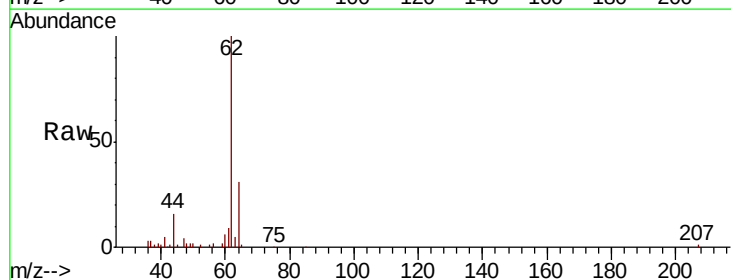
Acq: 20 Nov 2020 14:20

Tgt Ion: 62 Resp: 30021

Ion Ratio Lower Upper

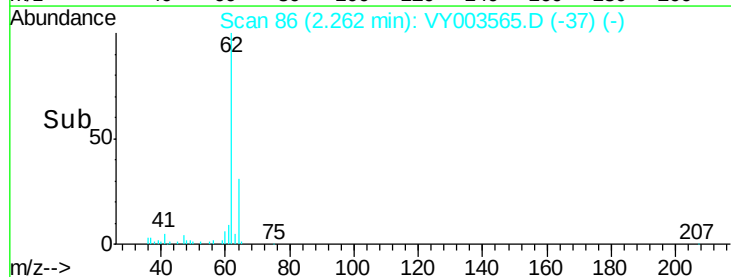
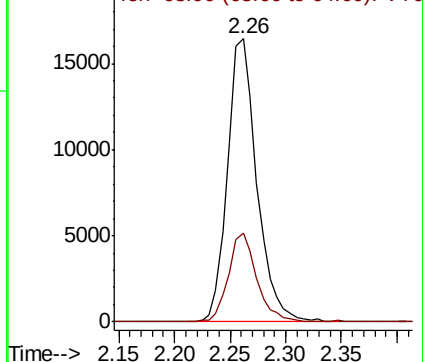
62 100

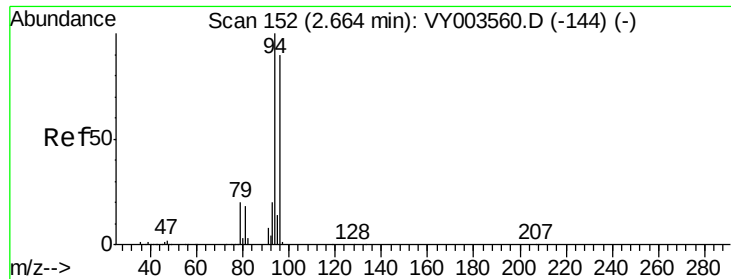
64 31.4 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 20.543 ug/l

RT: 2.66 min Scan# 152

Delta R.T. 0.00 min

Lab File: VY003565.D

Acq: 20 Nov 2020 14:20

Instrument :

MSVOA_Y

ClientSampleId :

VY1120SBS01

Tot Ion: 94 Resp: 25442

Ion Ratio Lower Upper

94 100

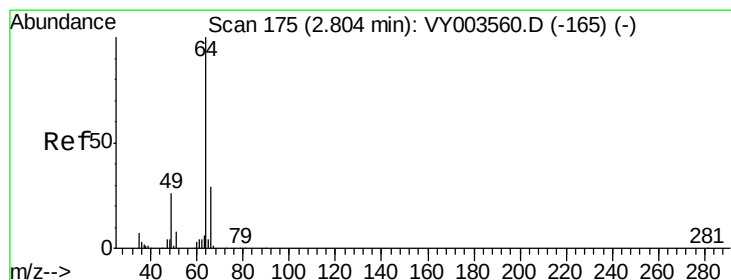
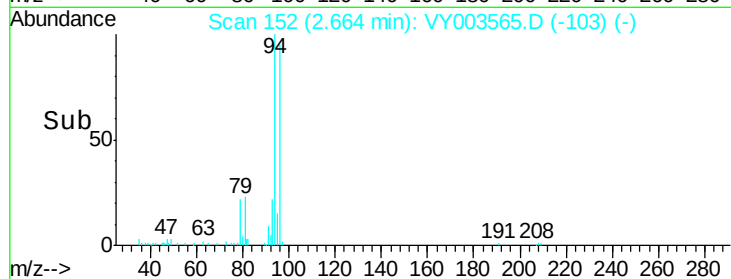
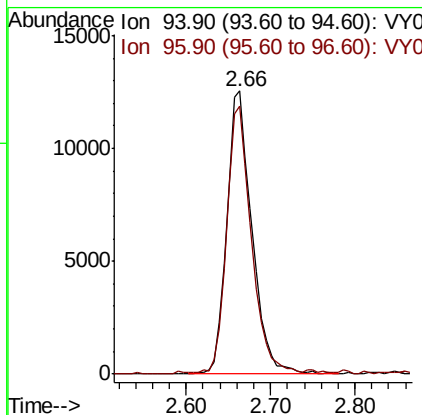
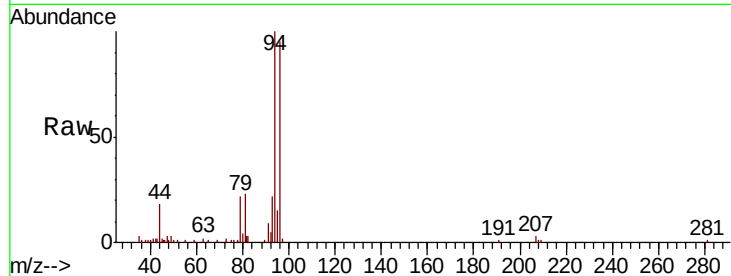
96 94.0 71.9 107.9

Manual Integrations

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#6

Chloroethane

Concen: 20.344 ug/l

RT: 2.80 min Scan# 174

Delta R.T. -0.01 min

Lab File: VY003565.D

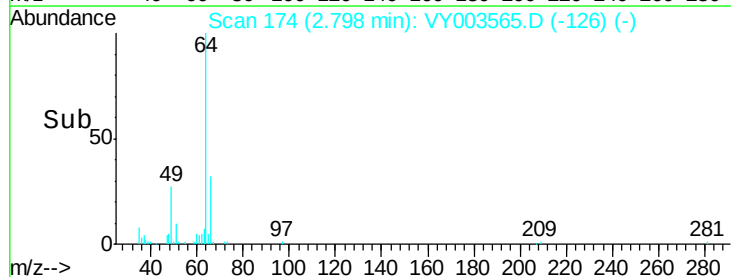
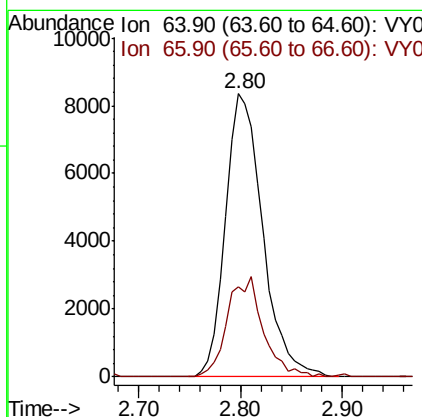
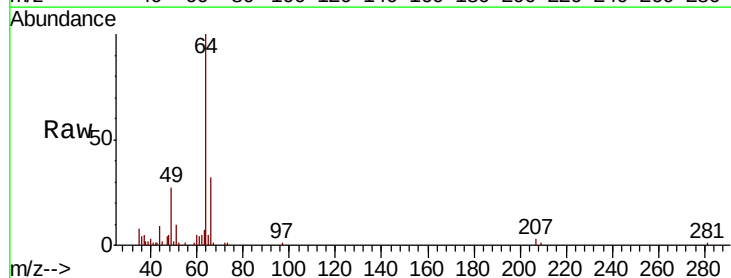
Acq: 20 Nov 2020 14:20

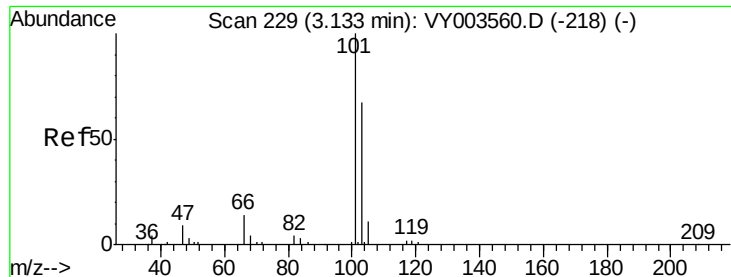
Tgt Ion: 64 Resp: 21124

Ion Ratio Lower Upper

64 100

66 31.6 23.6 35.4





#7

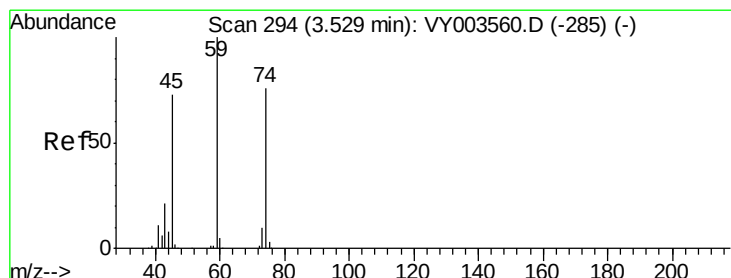
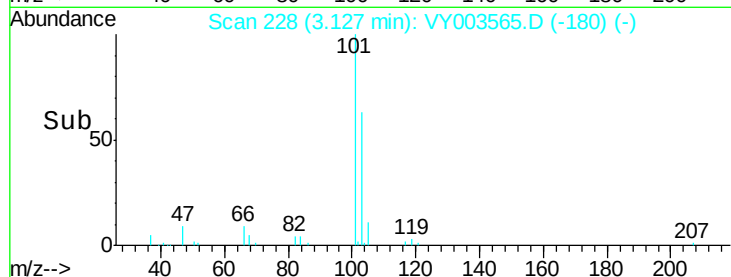
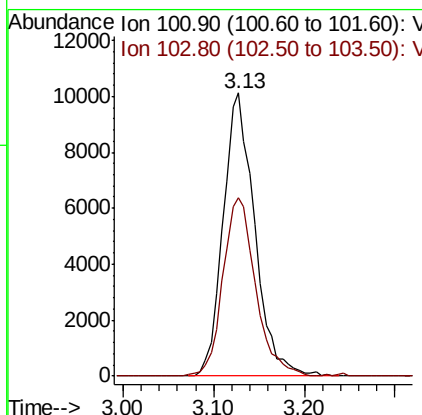
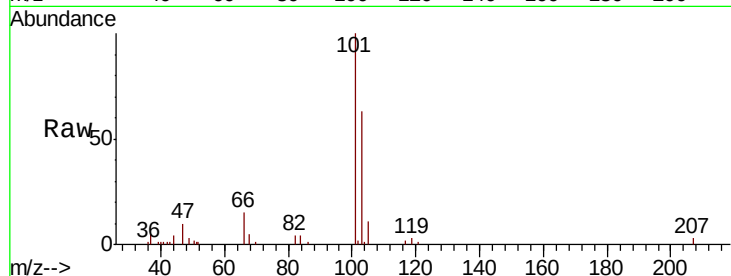
Trichlorofluoromethane
Concen: 18.762 ug/l
RT: 3.13 min Scan# 228
Delta R.T. -0.01 min
Lab File: VY003565.D
Acq: 20 Nov 2020 14:20

Instrument :
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ClientSampleId :
VY1120SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	62.2	53.3	79.9

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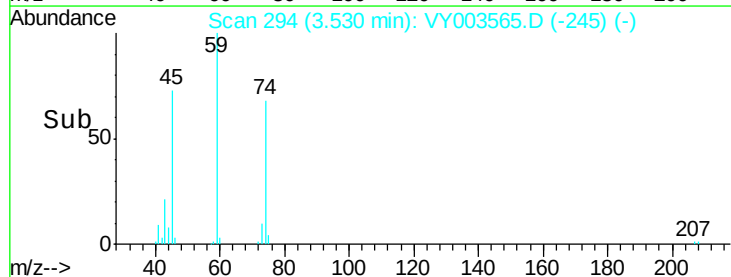
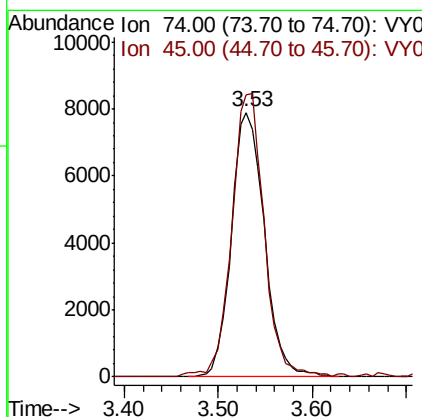
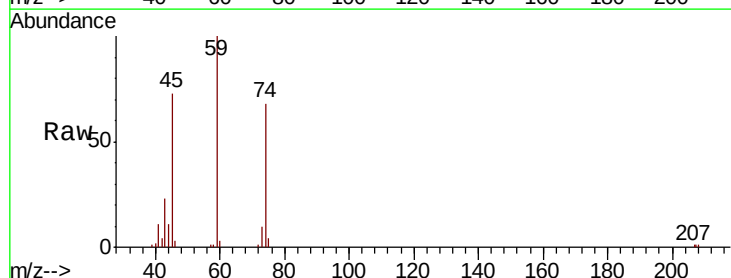
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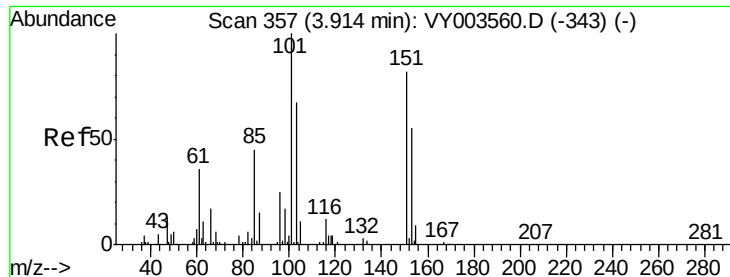


#8

Diethyl Ether
Concen: 20.327 ug/l
RT: 3.53 min Scan# 294
Delta R.T. 0.00 min
Lab File: VY003565.D
Acq: 20 Nov 2020 14:20

Tgt Ion	Ratio	Lower	Upper
74	100		
45	105.1	51.0	153.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.864 ug/l

RT: 3.91 min Scan# 356

Delta R.T. -0.01 min

Lab File: VY003565.D

Acq: 20 Nov 2020 14:20

Instrument :

MSVOA_Y

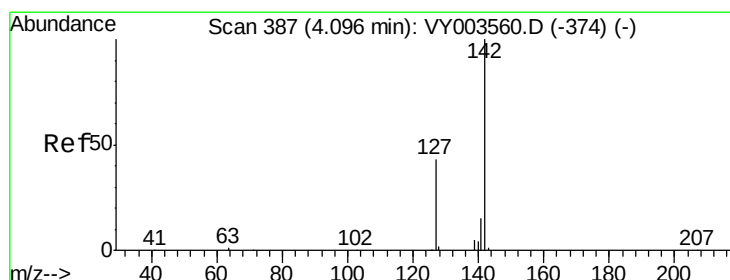
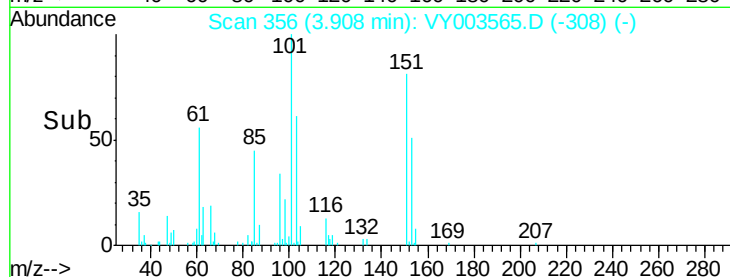
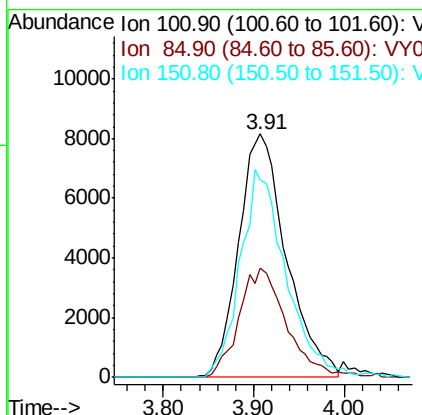
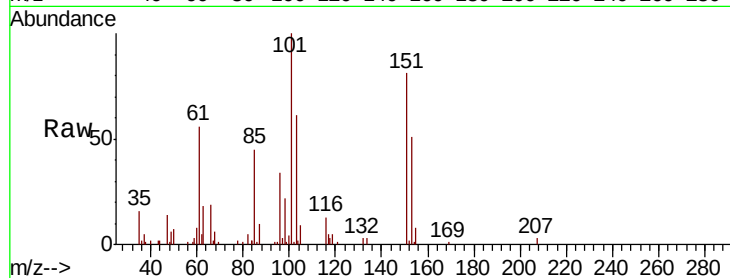
ClientSampleId :

VY1120SBS01

Tot Ion:	101	Resp:	29780
Ion Ratio	Lower	Upper	
101	100		
85	44.5	35.9	53.9
151	81.5	65.4	98.0

Manual Integrations
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#10

Methyl Iodide

Concen: 20.045 ug/l

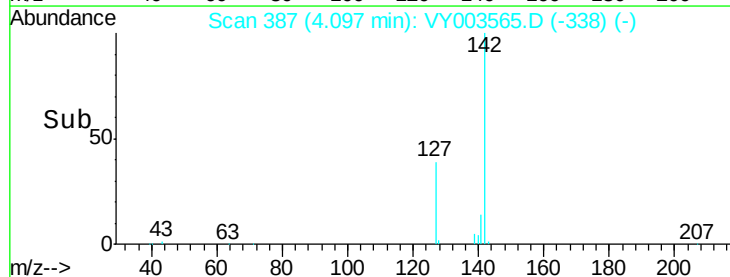
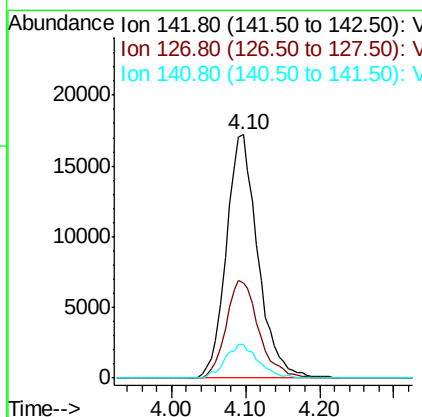
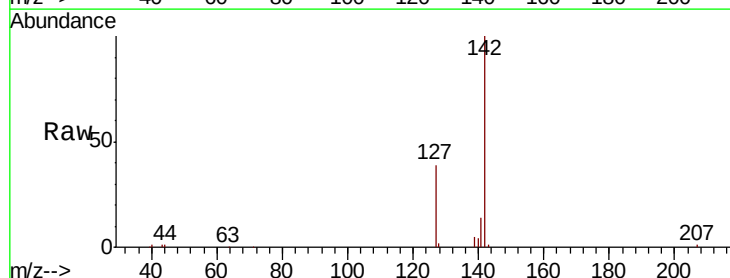
RT: 4.10 min Scan# 387

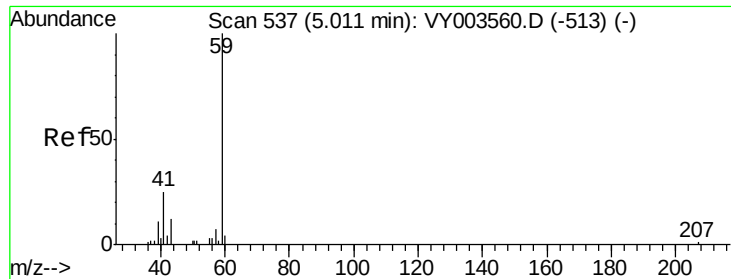
Delta R.T. 0.00 min

Lab File: VY003565.D

Acq: 20 Nov 2020 14:20

Tgt Ion:	142	Resp:	51029
Ion Ratio	Lower	Upper	
142	100		
127	41.4	34.2	51.2
141	14.4	11.5	17.3





#11

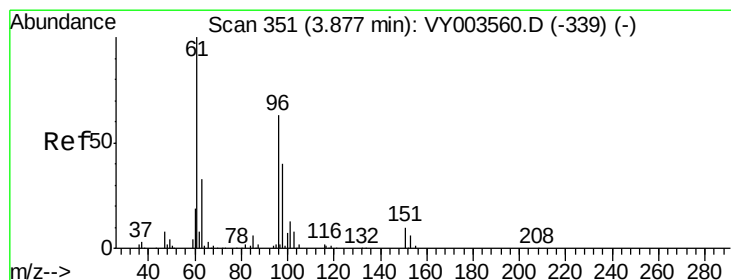
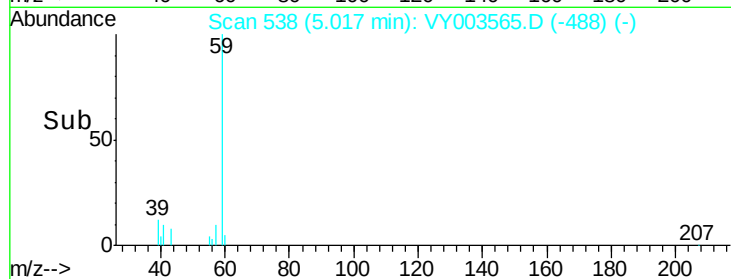
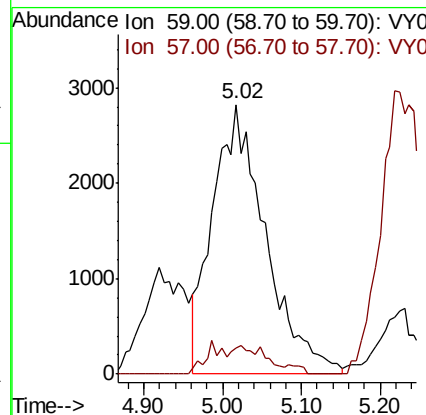
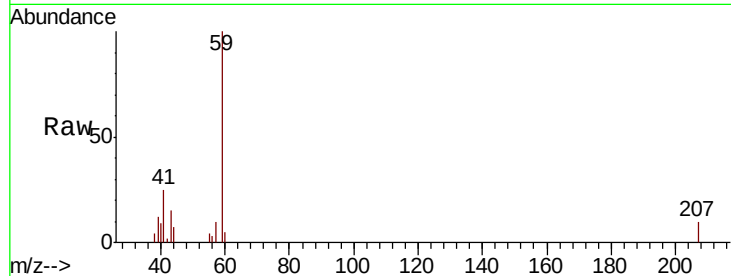
Tert butyl alcohol
Concen: 101.326 ug/l
RT: 5.02 min Scan# 538
Delta R.T. 0.01 min
Lab File: VY003565.D
Acq: 20 Nov 2020 14:20

Instrument :
MSVOA_Y
ClientSampleId :
VY1120SBS01

Tot Ion	Ratio	Resp	Lower	Upper
59	100	13119		
57	4.9	0.0	0.0	0.0

Manual Integrations
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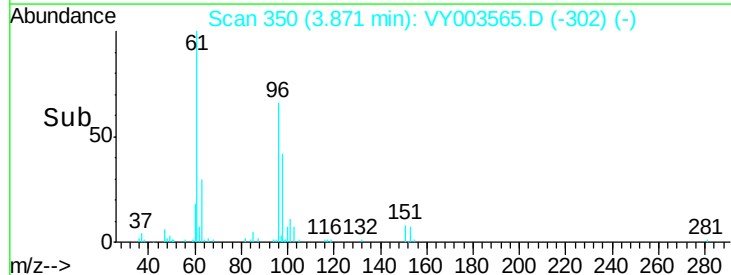
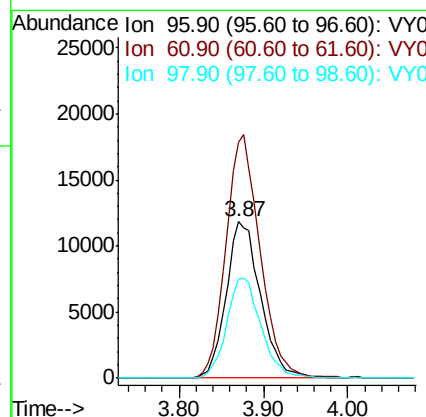
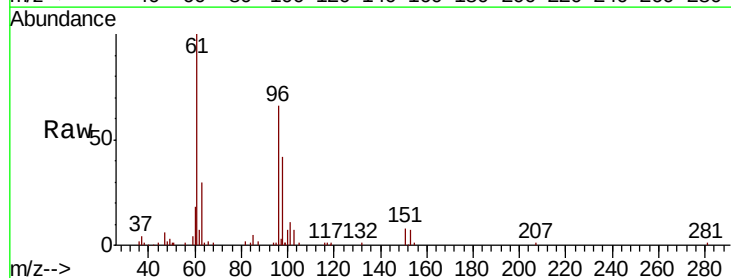
MMDadoda
11/23/2020 1:39:36 PM

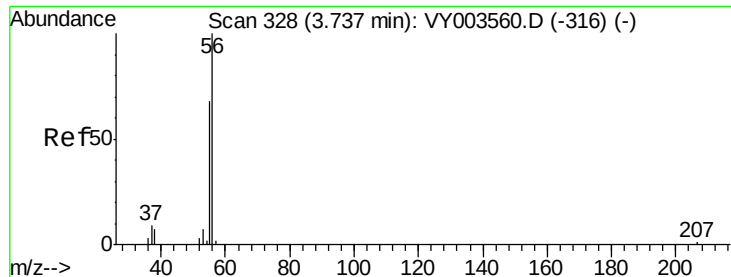


#12

1,1-Dichloroethene
Concen: 20.308 ug/l
RT: 3.87 min Scan# 350
Delta R.T. -0.01 min
Lab File: VY003565.D
Acq: 20 Nov 2020 14:20

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	32989		
61	151.2	127.3	190.9	
98	63.3	50.6	76.0	





#13

Acrolein

Concen: 107.002 ug/l

RT: 3.74 min Scan# 329

Delta R.T. 0.01 min

Lab File: VY003565.D

Acq: 20 Nov 2020 14:20

Instrument :

MSVOA_Y

ClientSampleId :

VY1120SBS01

Tot Ion: 56 Resp: 17489

Ion Ratio Lower Upper

56 100

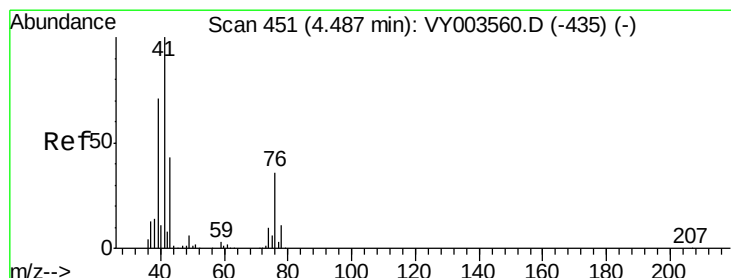
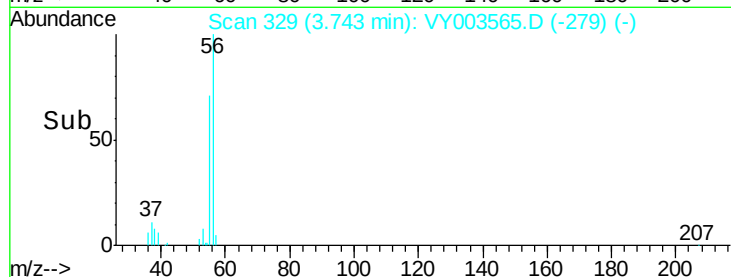
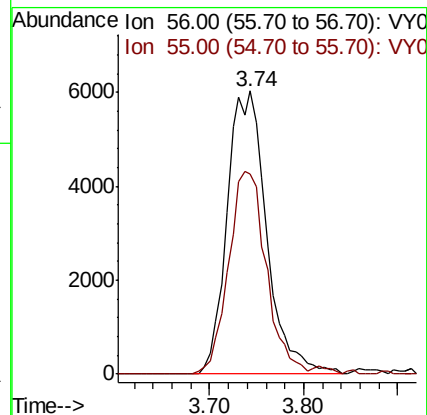
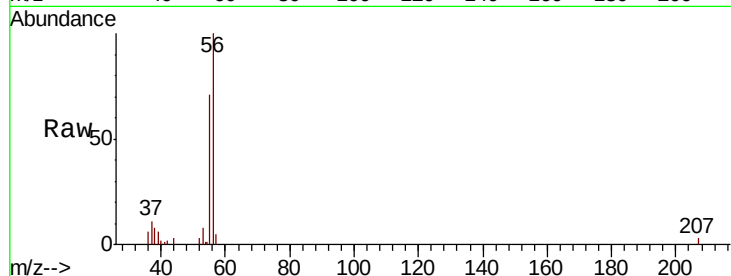
55 68.3 54.6 81.8

Manual Integrations

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#14

Allyl chloride

Concen: 19.834 ug/l

RT: 4.48 min Scan# 450

Delta R.T. -0.01 min

Lab File: VY003565.D

Acq: 20 Nov 2020 14:20

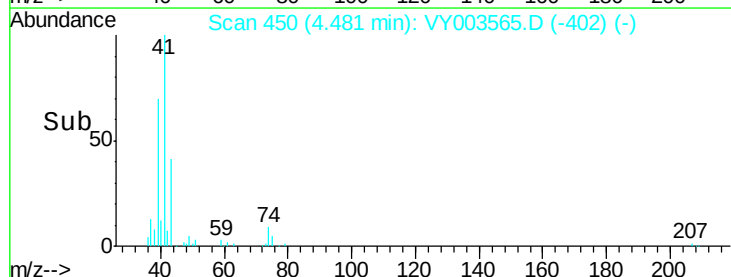
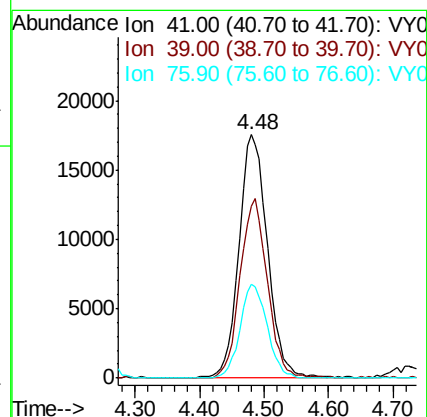
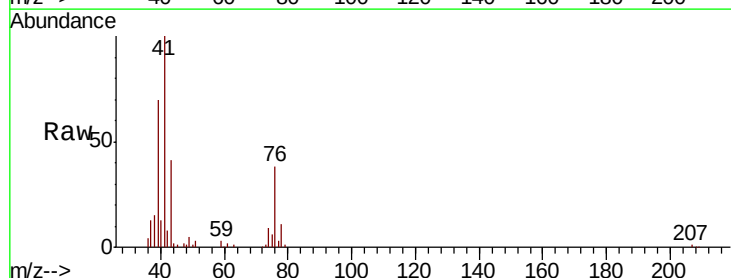
Tgt Ion: 41 Resp: 54010

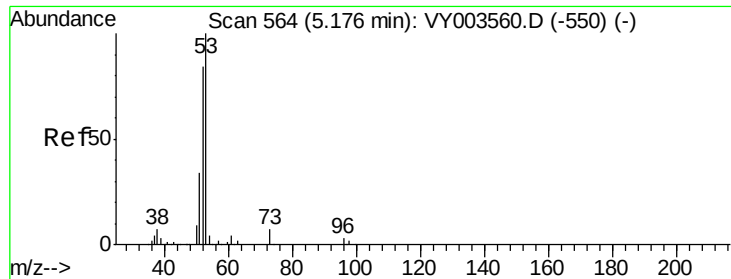
Ion Ratio Lower Upper

41 100

39 70.6 54.2 81.2

76 36.4 28.9 43.3





#15

Acrylonitrile

Concen: 101.863 ug/l

RT: 5.18 min Scan# 564

Delta R.T. 0.00 min

Lab File: VY003565.D

Acq: 20 Nov 2020 14:20

Instrument :

MSVOA_Y

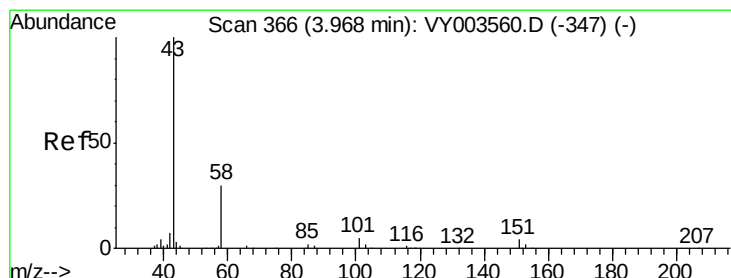
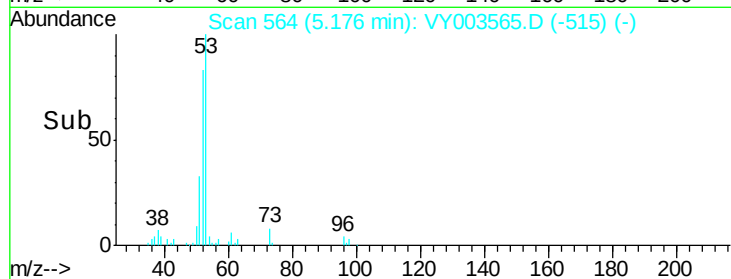
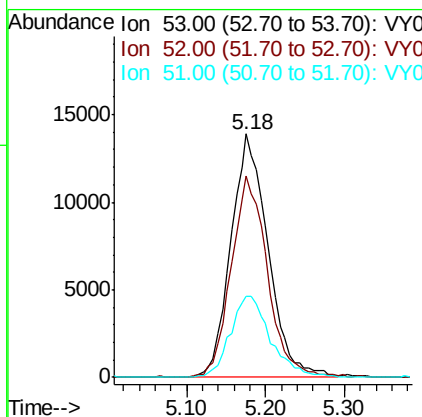
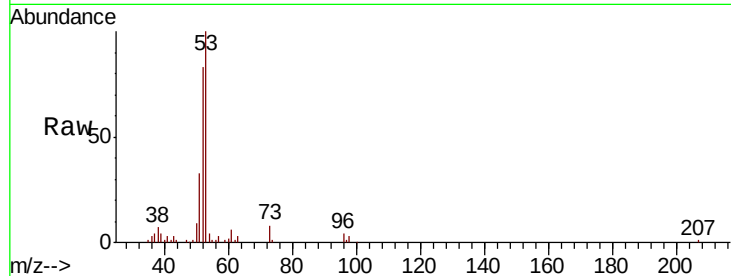
ClientSampleId :

VY1120SBS01

Tot Ion:	53	Resp:	45401
Ion Ratio	Lower	Upper	
53	100		
52	81.2	66.4	99.6
51	36.4	29.0	43.4

Manual Integrations
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#16

Acetone

Concen: 87.505 ug/l

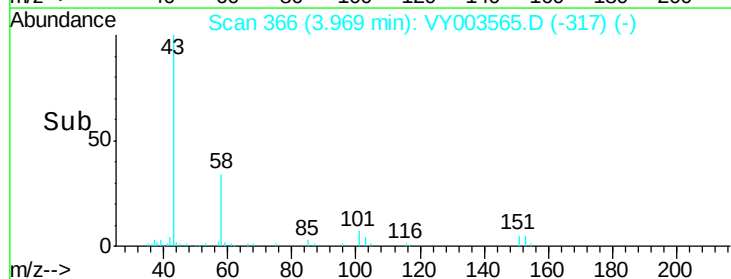
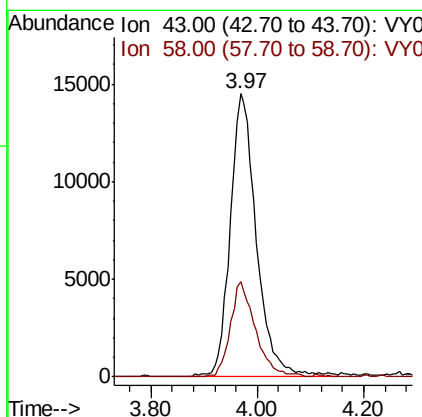
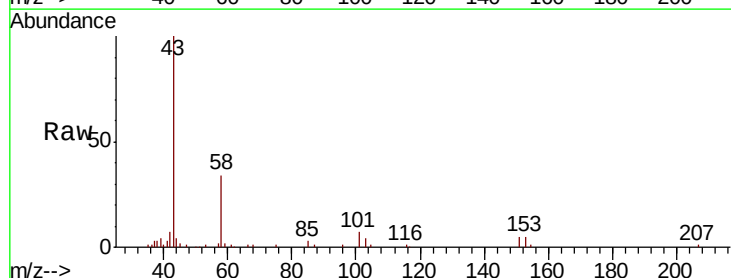
RT: 3.97 min Scan# 366

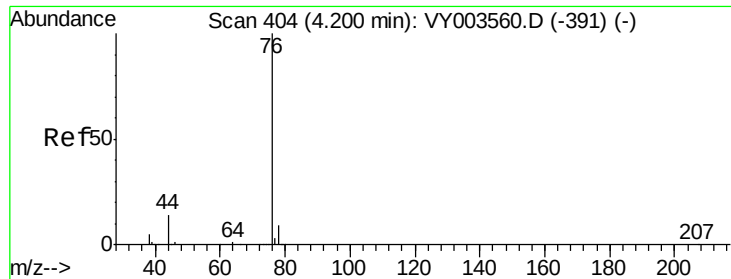
Delta R.T. 0.00 min

Lab File: VY003565.D

Acq: 20 Nov 2020 14:20

Tgt Ion:	43	Resp:	50050
Ion Ratio	Lower	Upper	
43	100		
58	33.6	23.8	35.8





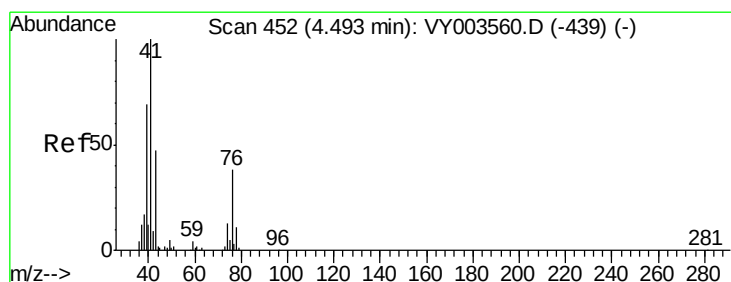
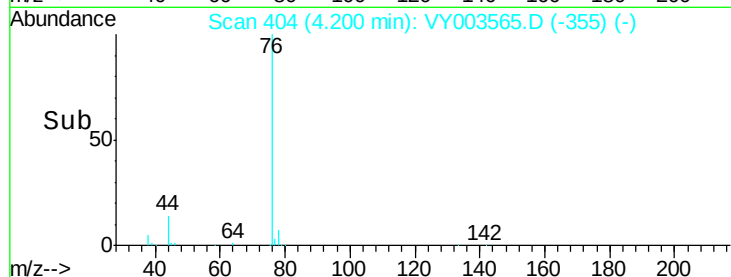
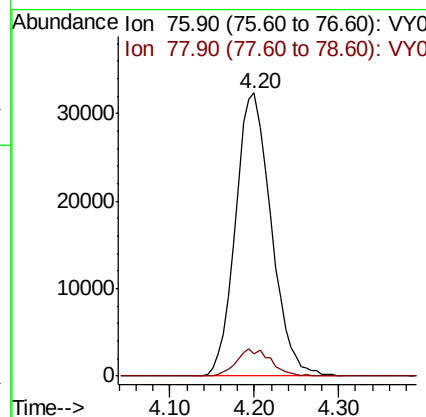
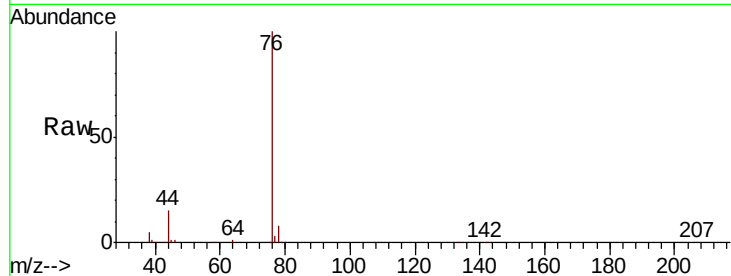
#17
Carbon Disulfide
Concen: 19.858 ug/l
RT: 4.20 min Scan# 404
Delta R.T. 0.00 min
Lab File: VY003565.D
Acq: 20 Nov 2020 14:20

Instrument :
MSVOA_Y
ClientSampleId :
VY1120SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.0	7.1	10.7

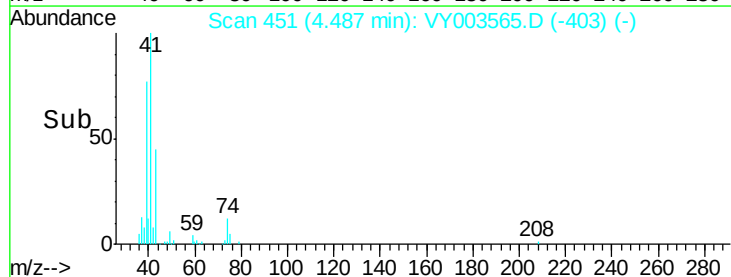
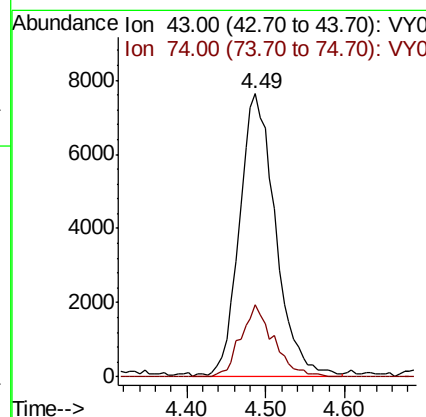
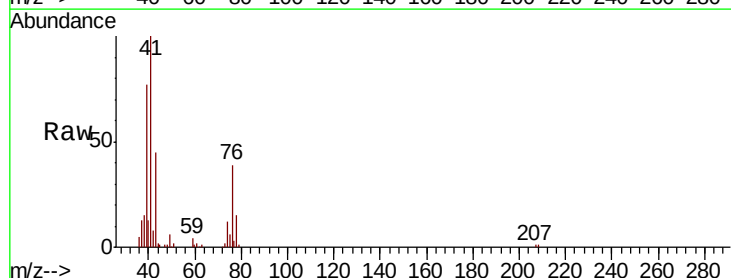
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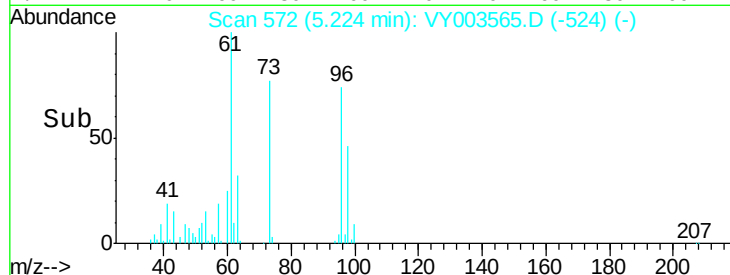
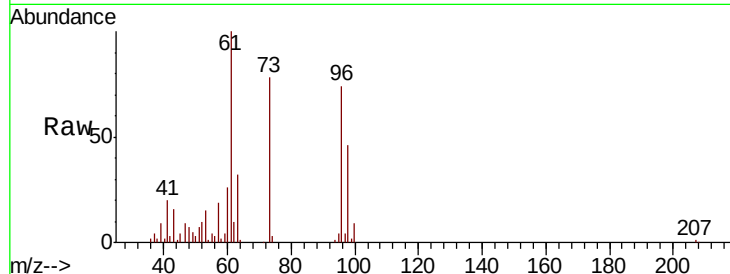
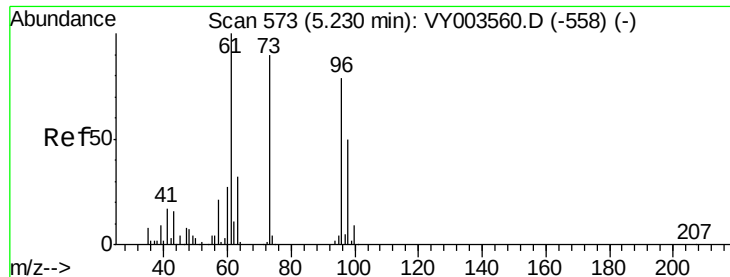
MMDadoda
11/23/2020 1:39:36 PM



#18
Methyl Acetate
Concen: 19.639 ug/l
RT: 4.49 min Scan# 451
Delta R.T. -0.01 min
Lab File: VY003565.D
Acq: 20 Nov 2020 14:20

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.1	18.9	28.3





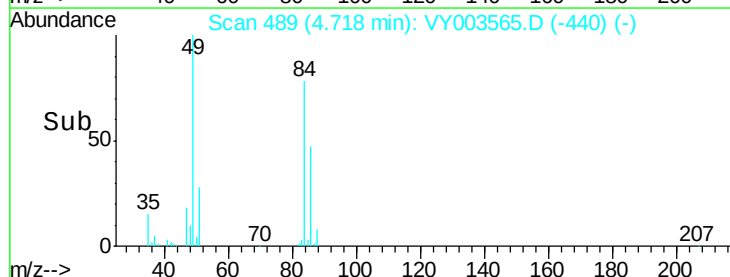
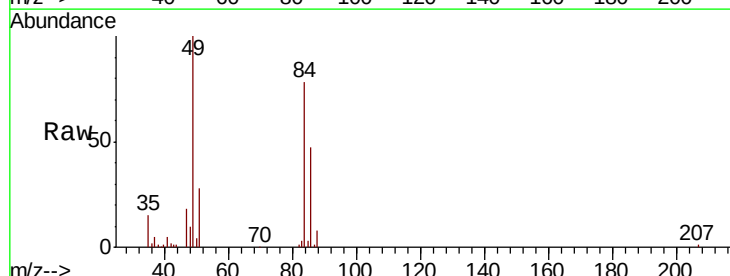
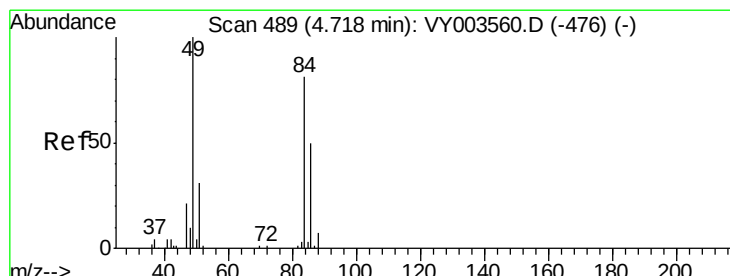
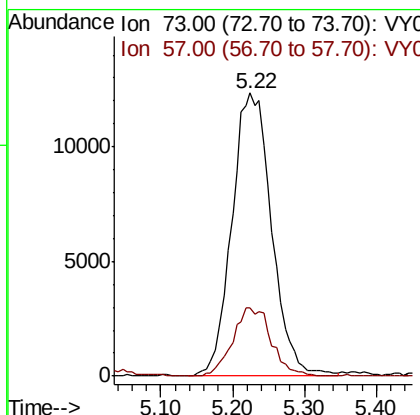
#19
Methyl tert-butyl Ether
Concen: 19.607 ug/l
RT: 5.22 min Scan# 572
Delta R.T. -0.01 min
Lab File: VY003565.D
Acq: 20 Nov 2020 14:20

Tot Ion: 73 Resp: 47275
Ion Ratio Lower Upper
73 100
57 23.9 18.2 27.2

Instrument :
MSVOA_Y
ClientSampleId :
VY1120SBS01

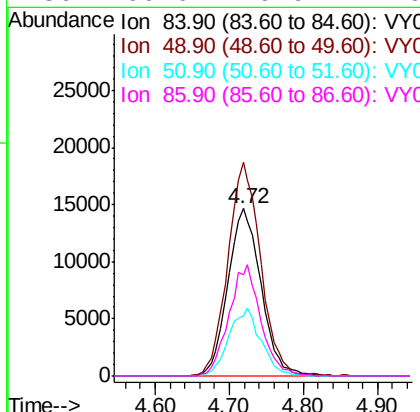
Manual Integrations
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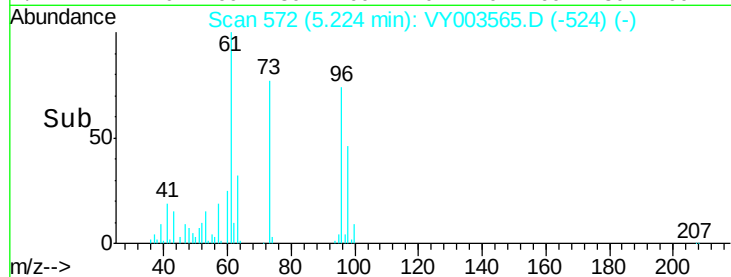
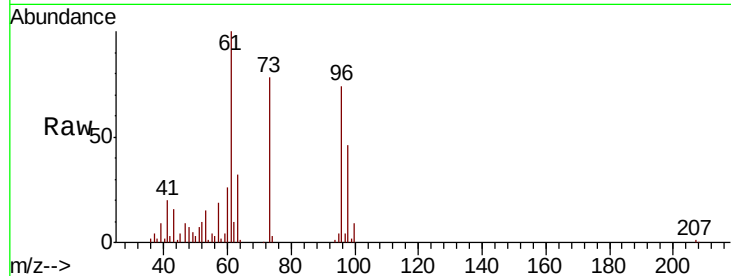
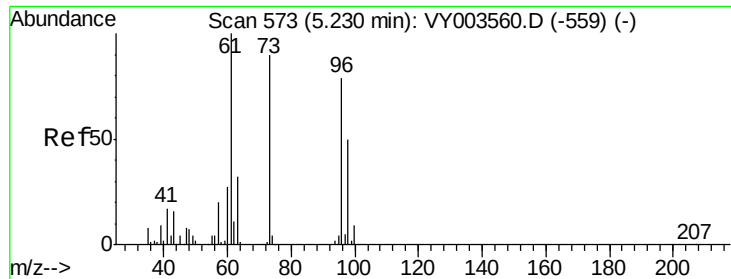
MMDadoda
11/23/2020 1:39:36 PM



#20
Methylene Chloride
Concen: 22.018 ug/l
RT: 4.72 min Scan# 489
Delta R.T. 0.00 min
Lab File: VY003565.D
Acq: 20 Nov 2020 14:20

Tgt Ion: 84 Resp: 45591
Ion Ratio Lower Upper
84 100
49 127.7 99.0 148.6
51 35.7 30.5 45.7
86 60.6 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 19.719 ug/l

RT: 5.22 min Scan# 572

Delta R.T. -0.01 min

Lab File: VY003565.D

Acq: 20 Nov 2020 14:20

Tot Ion:	96	Resp:	35814
Ion	Ratio	Lower	Upper
96	100		
61	135.8	101.0	151.4
98	62.6	50.2	75.2

Instrument :

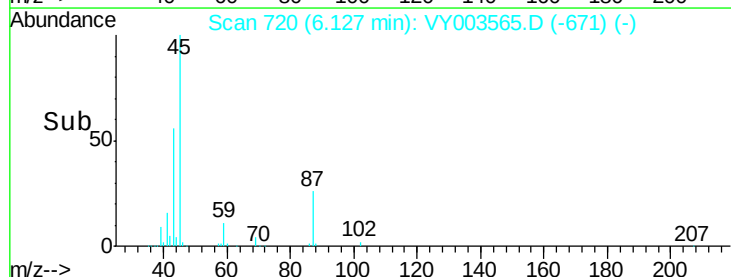
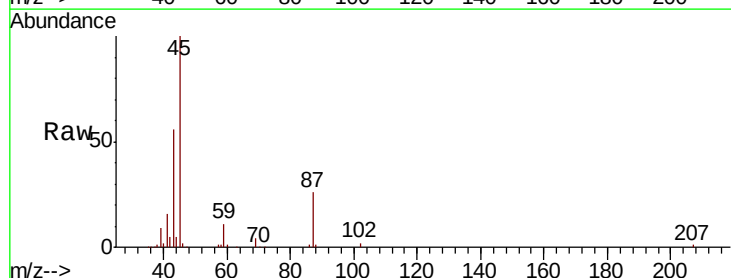
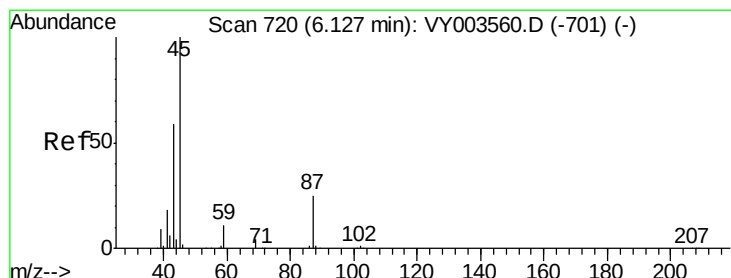
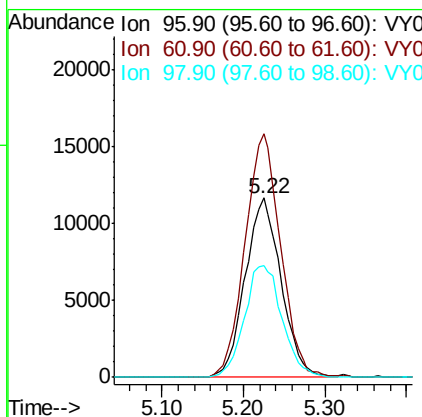
MSVOA_Y

ClientSampleId :

VY1120SBS01

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#22

Diisopropyl ether

Concen: 20.385 ug/l

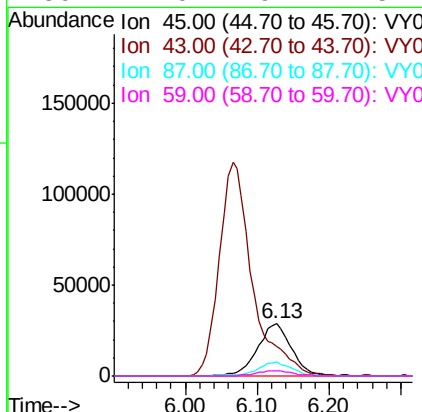
RT: 6.13 min Scan# 720

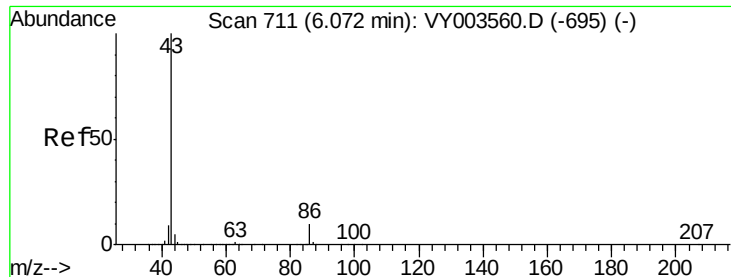
Delta R.T. 0.00 min

Lab File: VY003565.D

Acq: 20 Nov 2020 14:20

Tgt Ion:	45	Resp:	95151
Ion	Ratio	Lower	Upper
45	100		
43	55.1	48.1	72.1
87	25.8	20.3	30.5
59	11.0	9.1	13.7





#23

Vinyl Acetate

Concen: 104.071 ug/l

RT: 6.07 min Scan# 710

Delta R.T. -0.01 min

Lab File: VY003565.D

Acq: 20 Nov 2020 14:20

Instrument :

MSVOA_Y

ClientSampleId :

VY1120SBS01

Tot Ion: 43 Resp: 377579

Ion Ratio Lower Upper

43 100

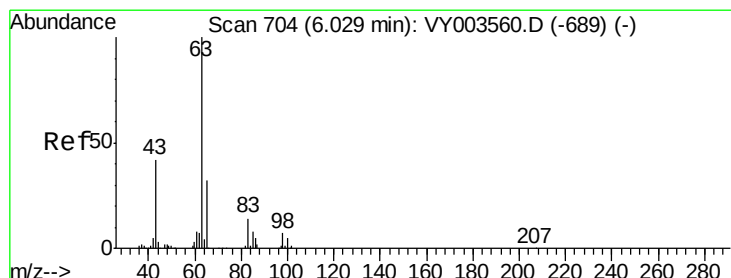
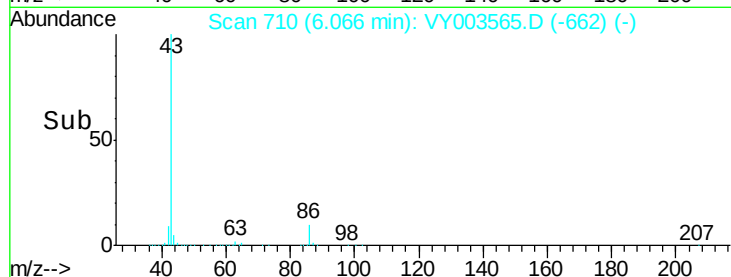
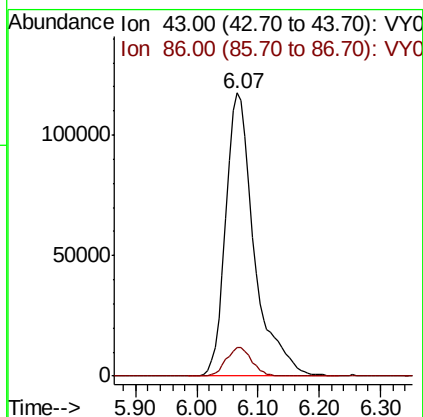
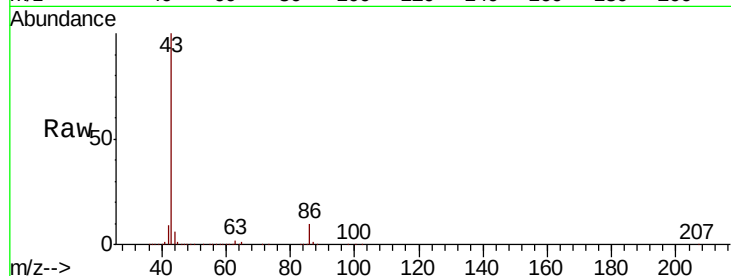
86 10.3 8.0 12.0

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 20.491 ug/l

RT: 6.02 min Scan# 703

Delta R.T. -0.01 min

Lab File: VY003565.D

Acq: 20 Nov 2020 14:20

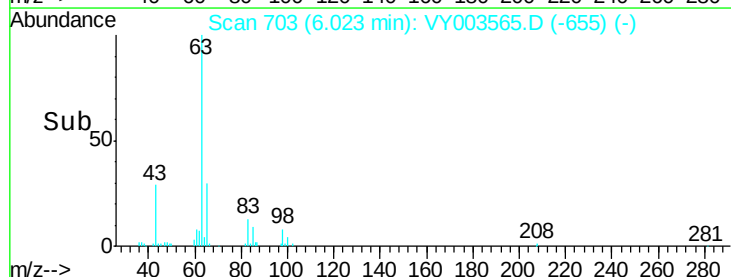
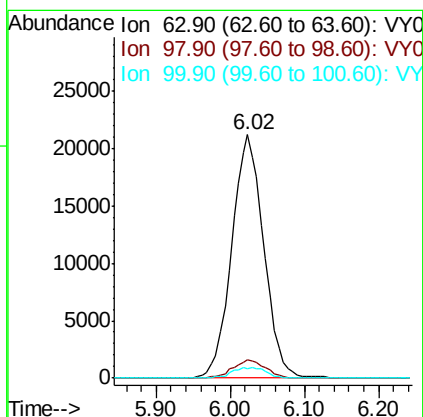
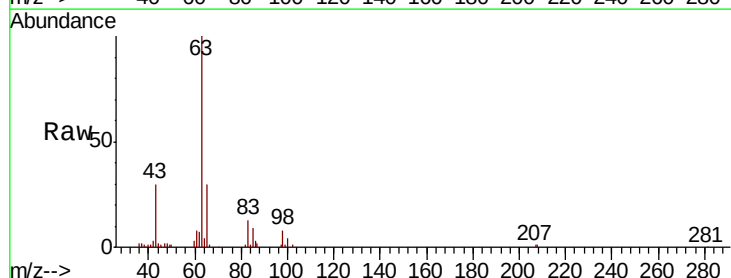
Tgt Ion: 63 Resp: 63660

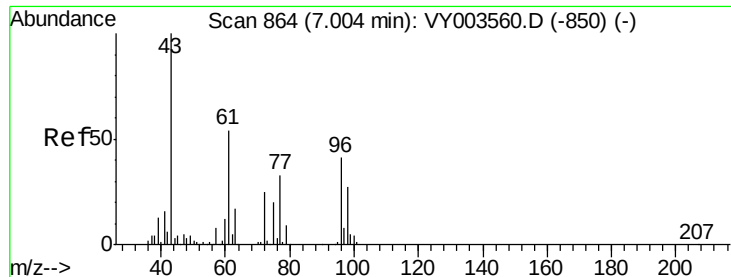
Ion Ratio Lower Upper

63 100

98 7.6 3.4 10.2

100 4.0 2.5 7.4





#25

2-Butanone

Concen: 94.400 ug/l

RT: 7.00 min Scan# 863

Delta R.T. -0.01 min

Lab File: VY003565.D

Acq: 20 Nov 2020 14:20

Instrument :

MSVOA_Y

ClientSampleId :

VY1120SBS01

Tot Ion: 43 Resp: 70062

Ion Ratio Lower Upper

43 100

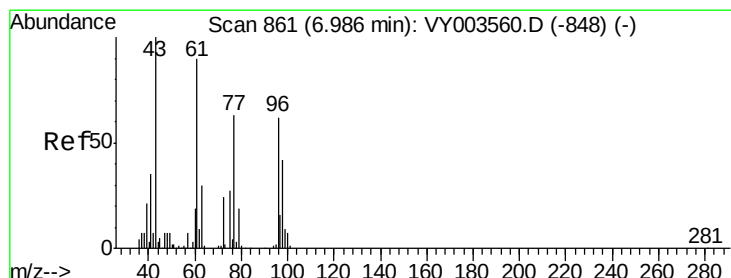
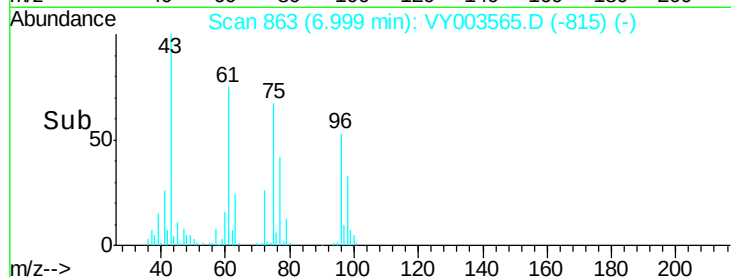
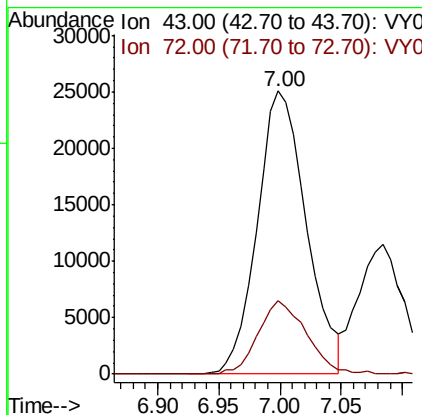
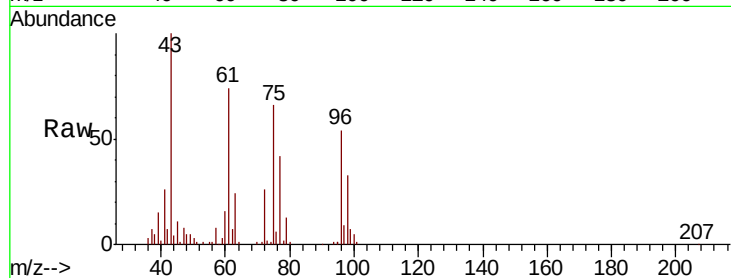
72 26.0 19.8 29.8

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 19.824 ug/l

RT: 6.99 min Scan# 861

Delta R.T. 0.00 min

Lab File: VY003565.D

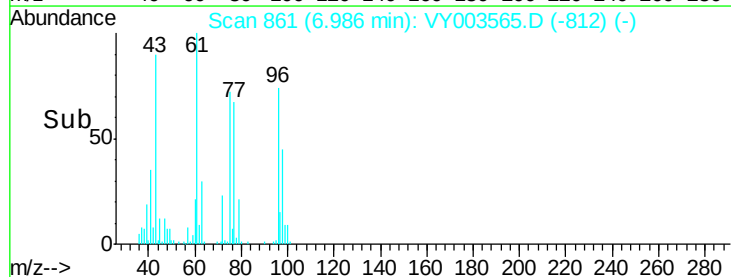
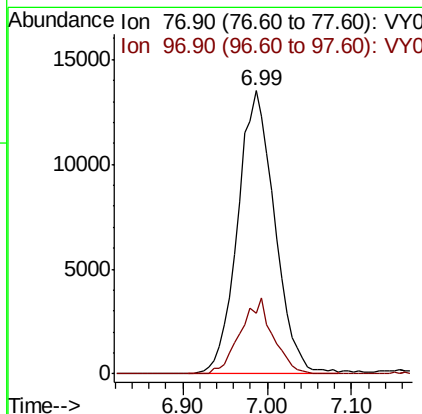
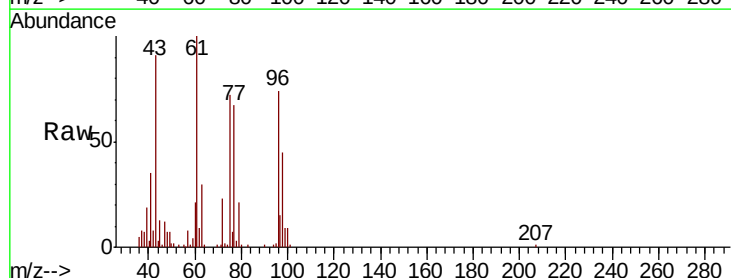
Acq: 20 Nov 2020 14:20

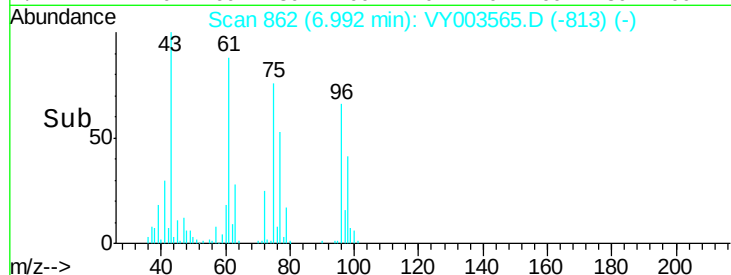
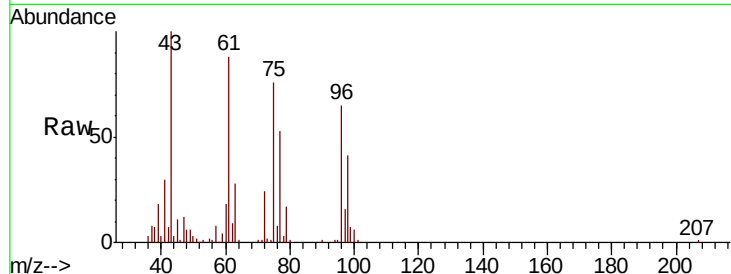
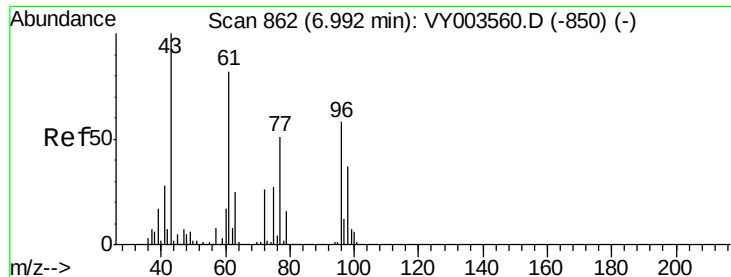
Tgt Ion: 77 Resp: 40274

Ion Ratio Lower Upper

77 100

97 23.6 12.2 36.6





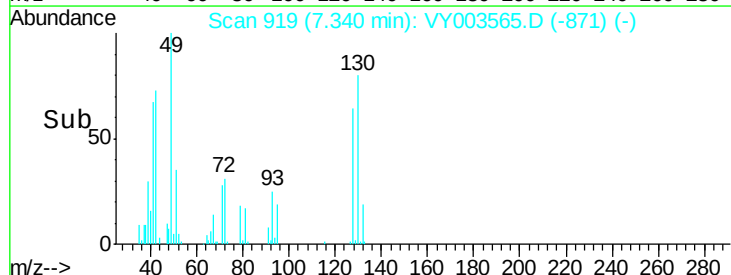
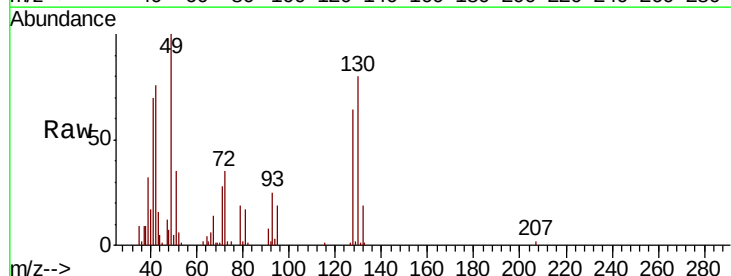
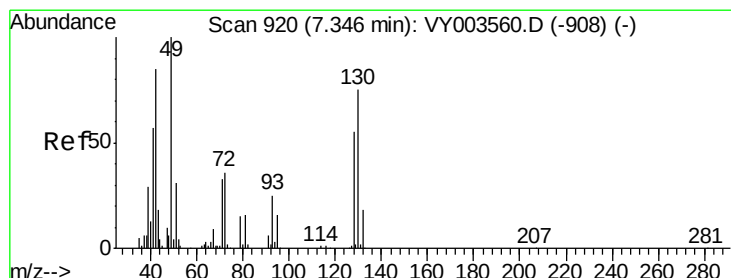
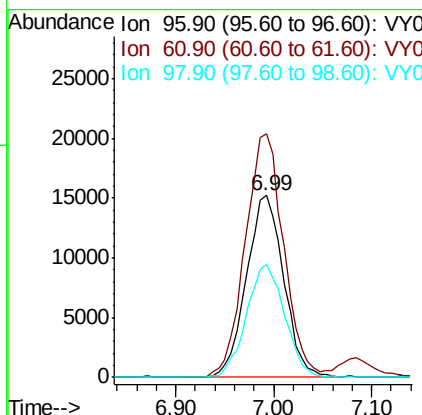
#27
 cis-1,2-Dichloroethene
 Concen: 20.441 ug/l
 RT: 6.99 min Scan# 862
 Delta R.T. 0.00 min
 Lab File: VY003565.D
 Acq: 20 Nov 2020 14:20

Tot Ion	Ratio	Lower	Upper
96	100		
61	137.3	0.0	274.6
98	63.5	0.0	130.6

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1120SBS01

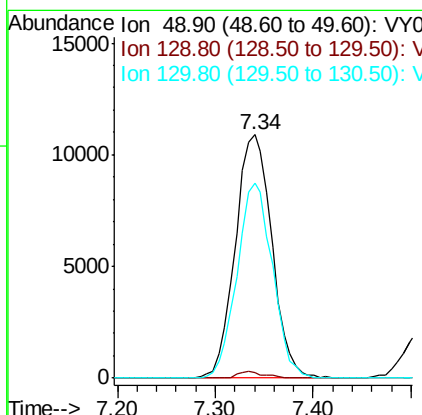
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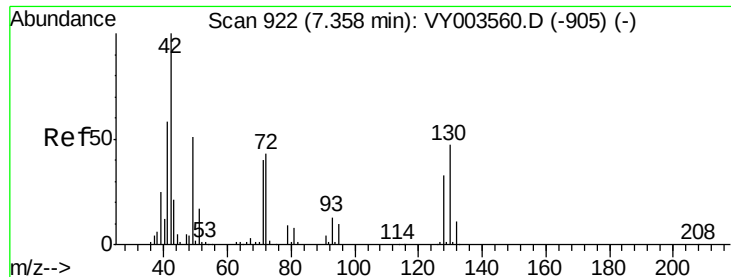
MMDadoda
 11/23/2020 1:39:36 PM



#28
 Bromochloromethane
 Concen: 18.628 ug/l
 RT: 7.34 min Scan# 919
 Delta R.T. -0.01 min
 Lab File: VY003565.D
 Acq: 20 Nov 2020 14:20

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	4.4
130	77.7	61.0	91.6





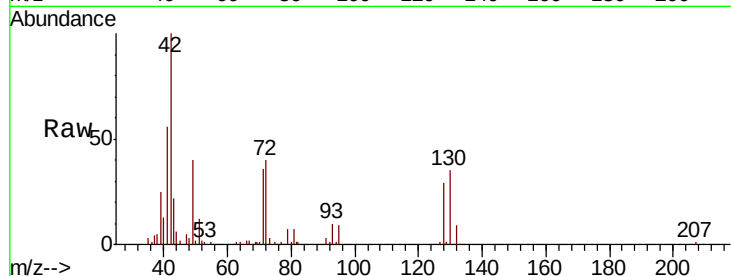
#29
Tetrahydrofuran
Concen: 99.023 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.00 min
Lab File: VY003565.D
Acq: 20 Nov 2020 14:20

Instrument :
MSVOA_Y
ClientSampleId :
VY1120SBS01

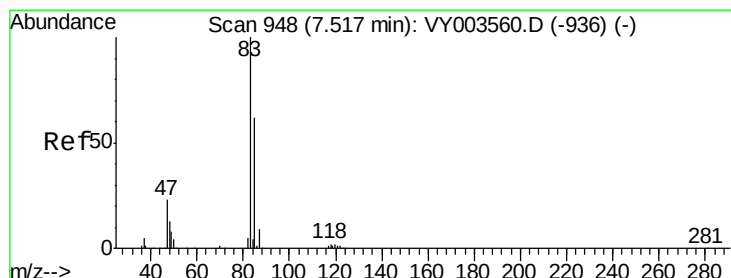
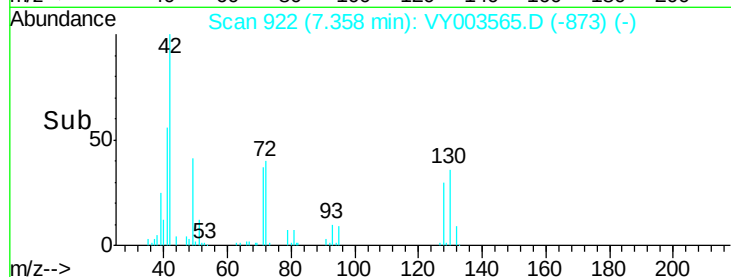
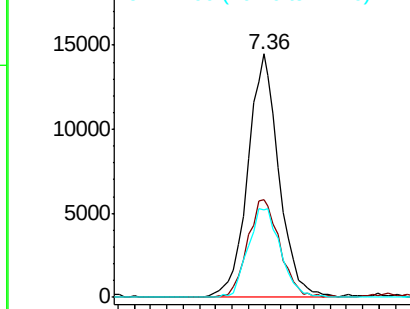
Tot Ion:	42	Resp:	38501
Ion	Ratio	Lower	Upper
42	100		
72	41.7	32.6	49.0
71	38.3	30.2	45.2

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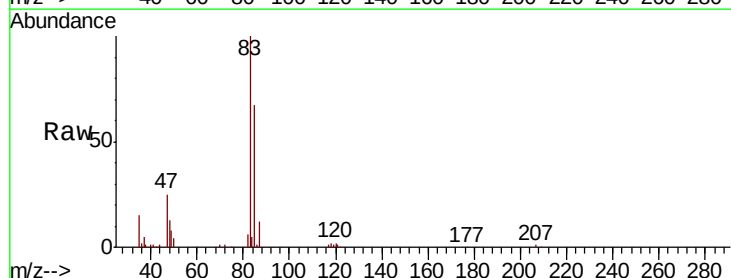


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

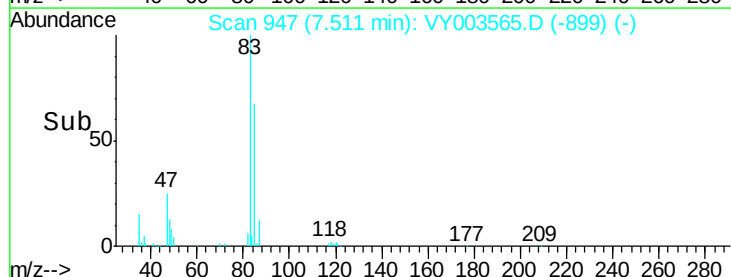
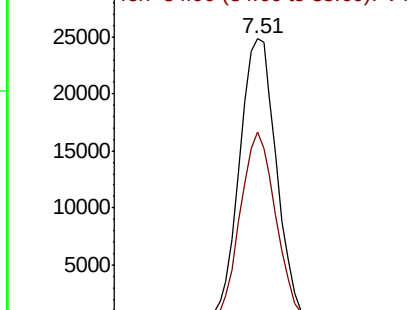


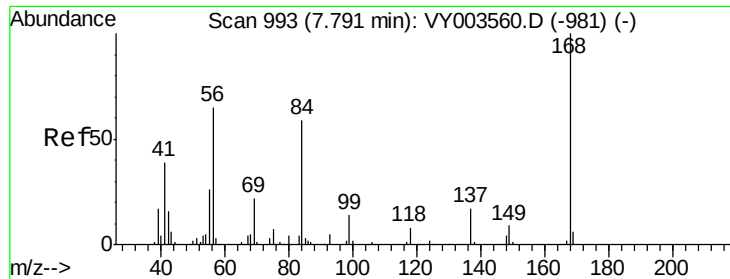
#30
Chloroform
Concen: 20.394 ug/l
RT: 7.51 min Scan# 947
Delta R.T. -0.01 min
Lab File: VY003565.D
Acq: 20 Nov 2020 14:20

Tgt Ion:	83	Resp:	63228
Ion	Ratio	Lower	Upper
83	100		
85	67.0	49.6	74.4



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





#31

Cyclohexane

Concen: 19.772 ug/l

RT: 7.78 min Scan# 992

Delta R.T. -0.01 min

Lab File: VY003565.D

Acq: 20 Nov 2020 14:20

Instrument :

MSVOA_Y

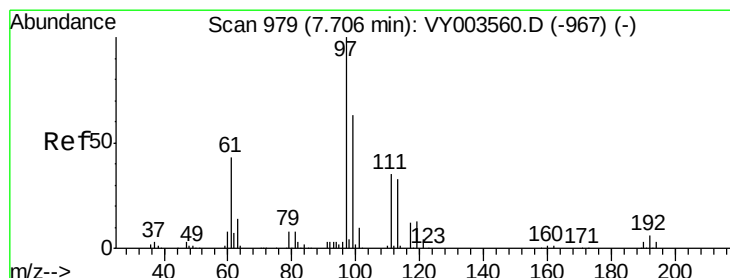
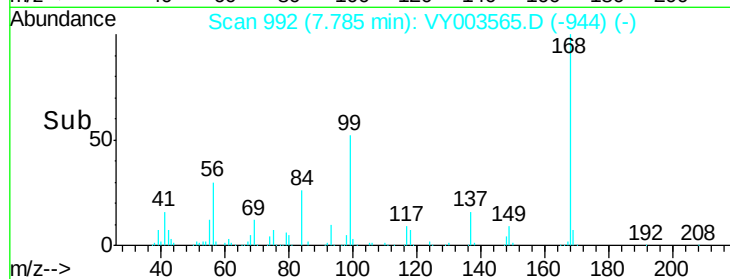
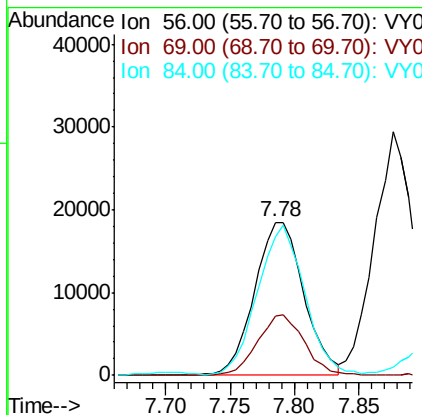
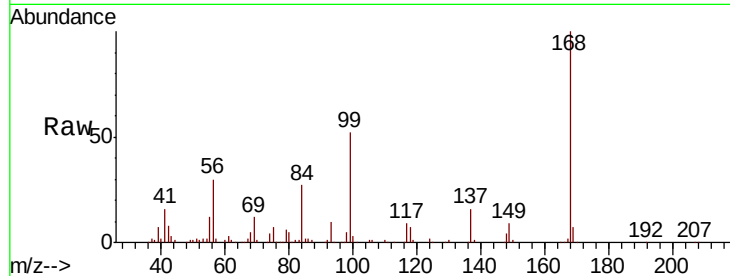
ClientSampleId :

VY1120SBS01

Tot Ion:	56	Resp:	48966
Ion	Ratio	Lower	Upper
56	100		
69	38.9	27.0	40.6
84	89.5	71.8	107.6

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#32

1,1,1-Trichloroethane

Concen: 19.919 ug/l

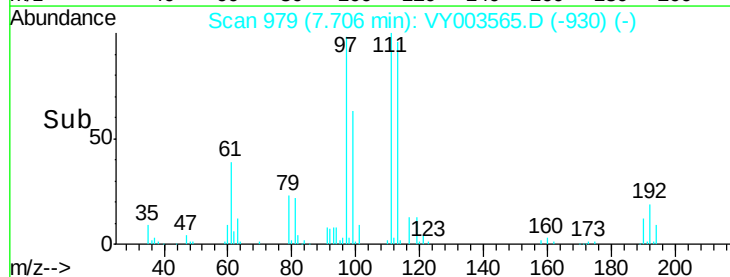
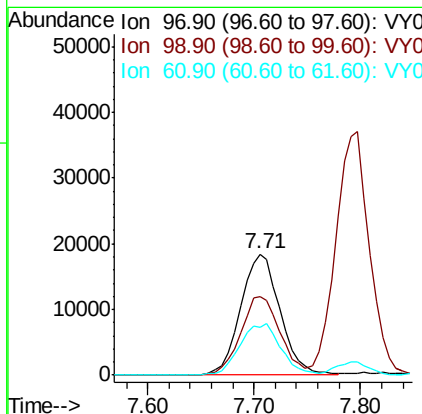
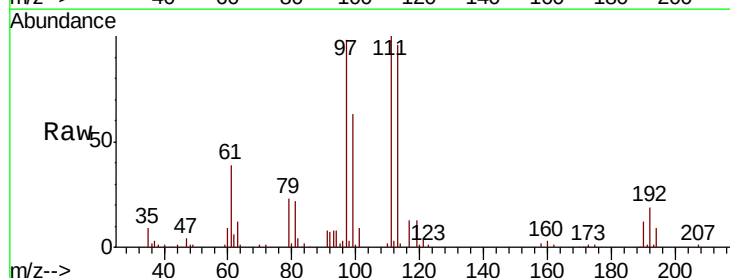
RT: 7.71 min Scan# 979

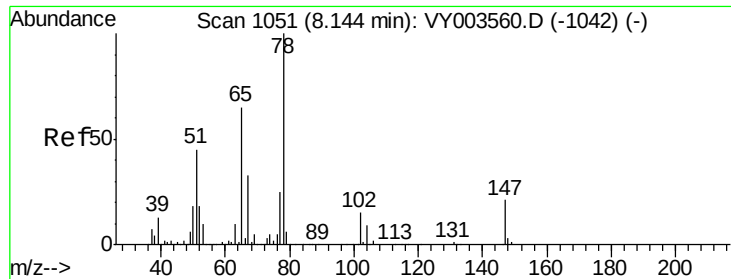
Delta R.T. 0.00 min

Lab File: VY003565.D

Acq: 20 Nov 2020 14:20

Tgt Ion:	97	Resp:	47720
Ion	Ratio	Lower	Upper
97	100		
99	65.1	50.2	75.2
61	44.3	34.1	51.1





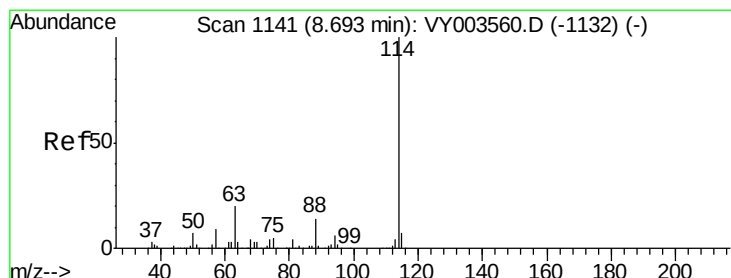
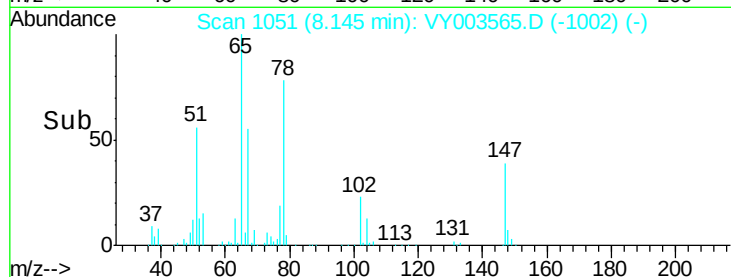
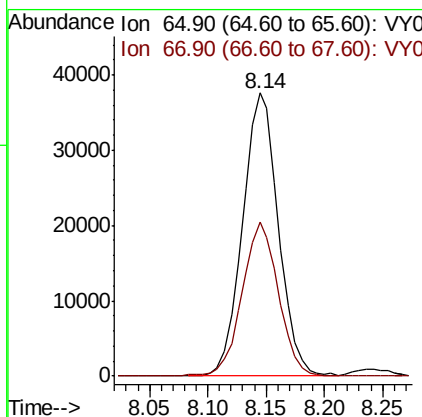
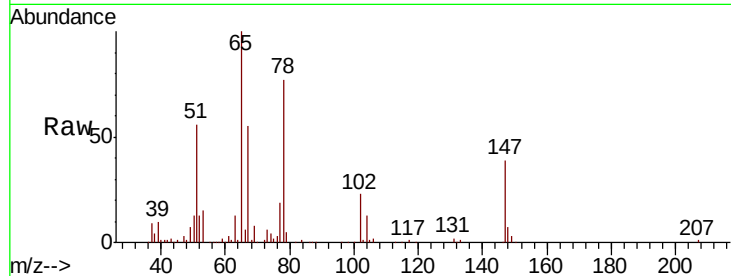
#33
 1,2-Dichloroethane-d4
 Concen: 46.941 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VY003565.D
 Acq: 20 Nov 2020 14:20

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1120SBS01

Tot Ion	Ratio	Lower	Upper
65	100		
67	55.5	0.0	110.2

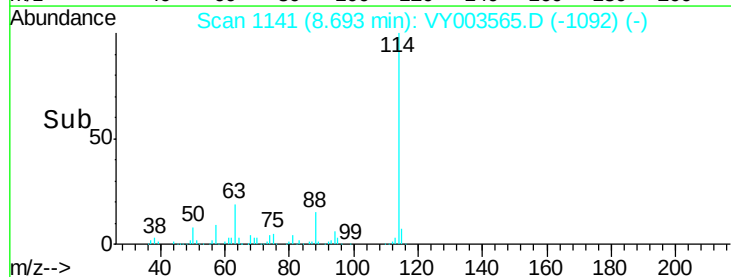
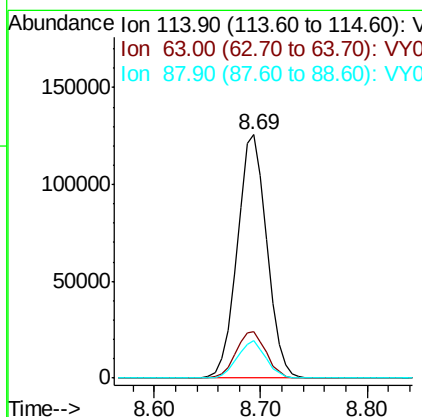
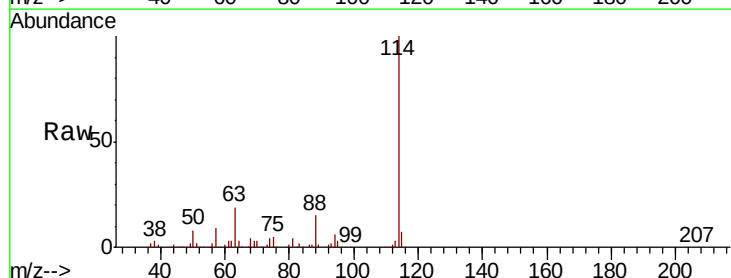
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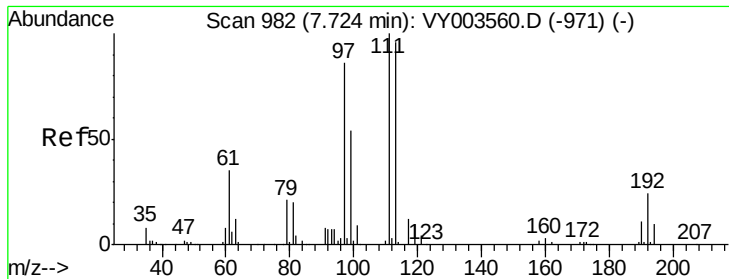
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY003565.D
 Acq: 20 Nov 2020 14:20

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.0	0.0	39.8
88	15.3	0.0	29.0





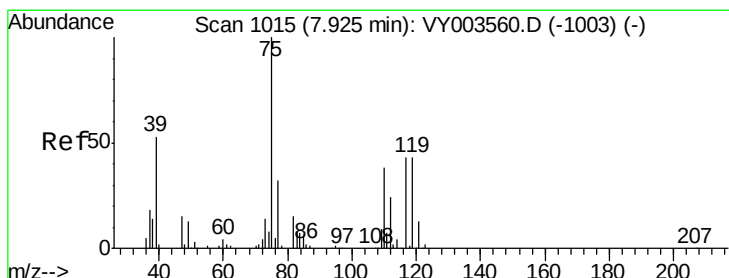
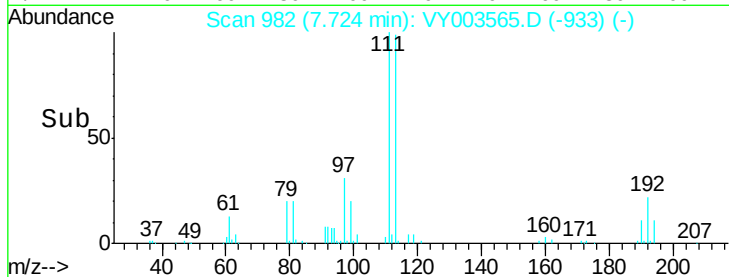
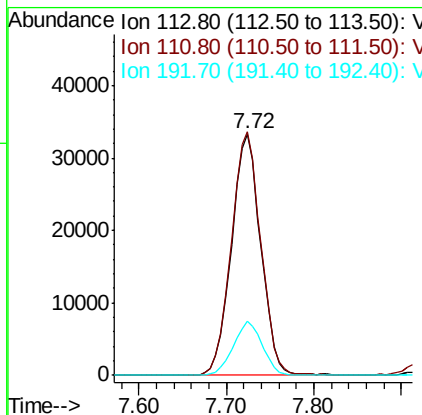
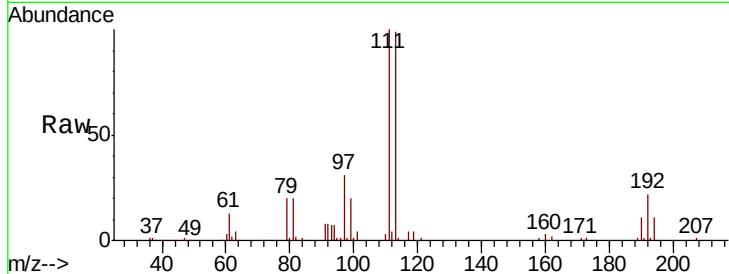
#35
 Dibromofluoromethane
 Concen: 47.917 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VY003565.D
 Acq: 20 Nov 2020 14:20

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1120SBS01

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.5	81.4	122.0
192	22.1	18.1	27.1

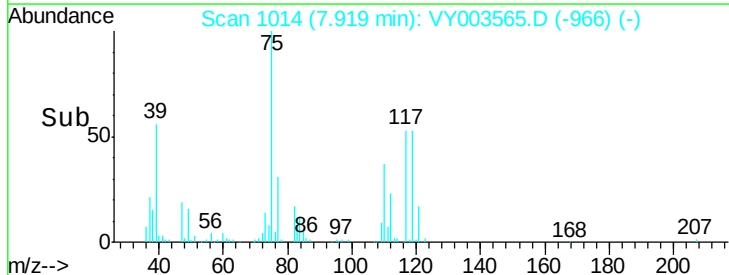
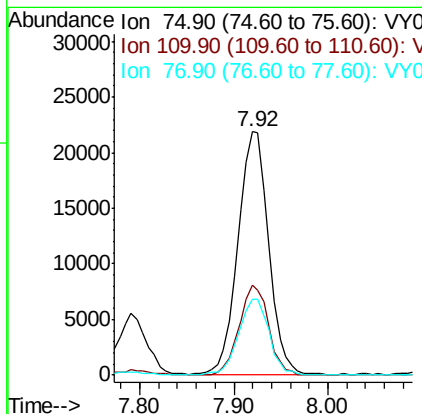
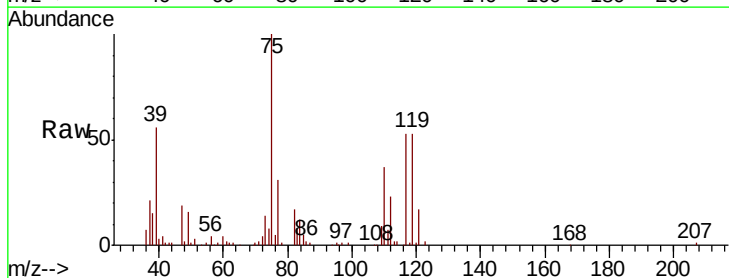
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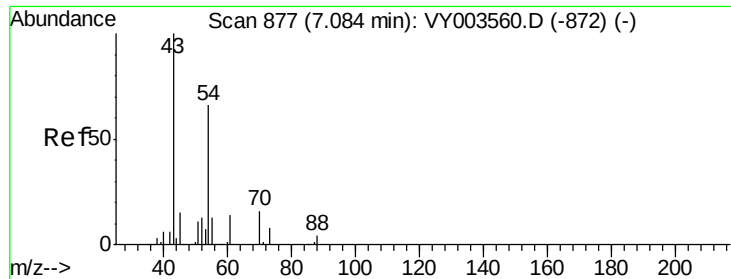
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#36
 1,1-Dichloropropene
 Concen: 20.792 ug/l
 RT: 7.92 min Scan# 1014
 Delta R.T. -0.01 min
 Lab File: VY003565.D
 Acq: 20 Nov 2020 14:20

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.1	18.7	56.1
77	30.9	25.4	38.2





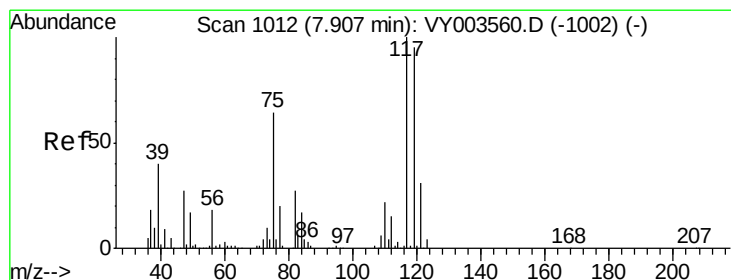
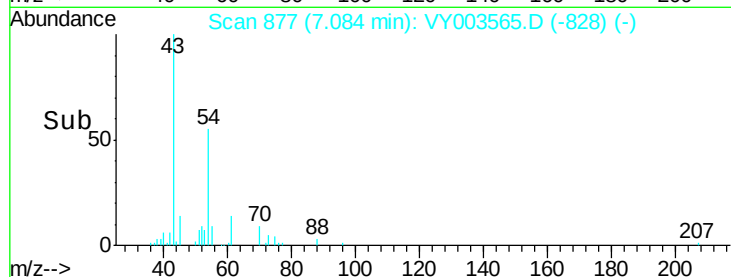
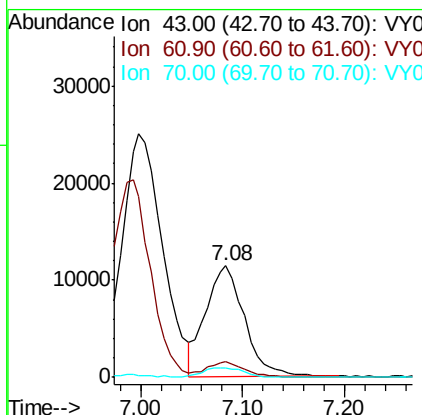
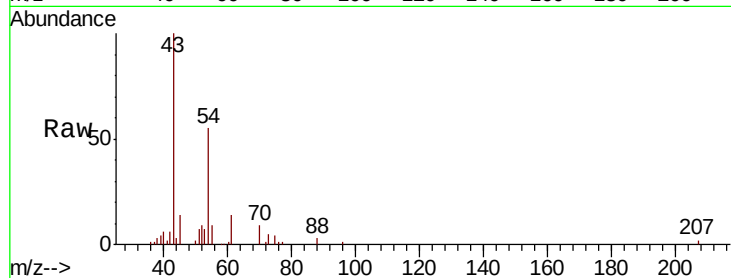
#37
Ethyl Acetate
Concen: 20.845 ug/l
RT: 7.08 min Scan# 877
Delta R.T. 0.00 min
Lab File: VY003565.D
Acq: 20 Nov 2020 14:20

Instrument :
MSVOA_Y
ClientSampleId :
VY1120SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.1	10.3	15.5
70	9.3	7.5	11.3

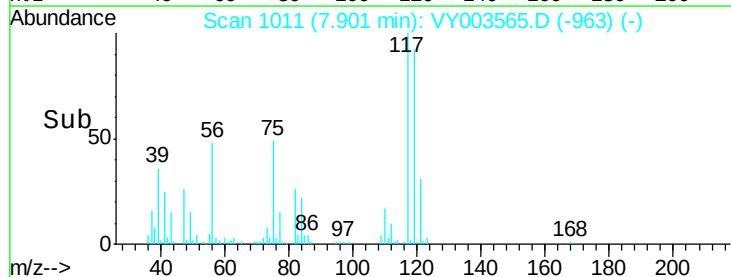
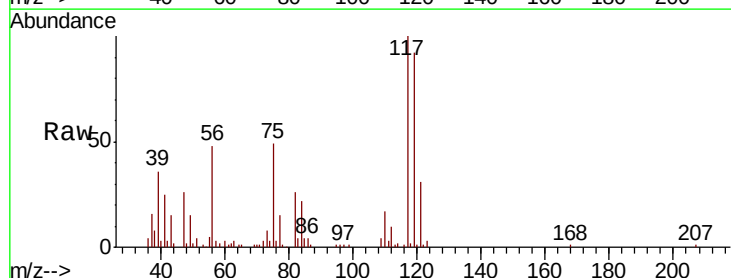
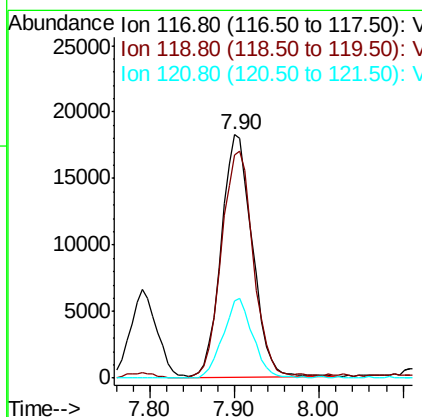
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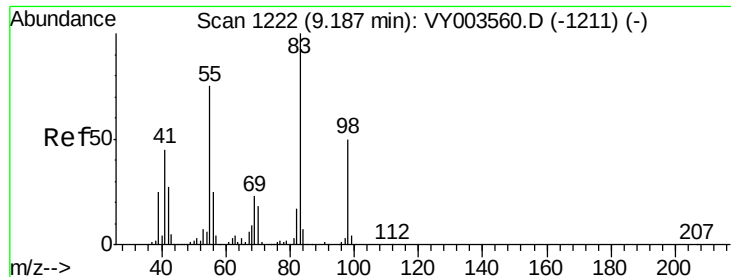
MMDadoda
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#38
Carbon Tetrachloride
Concen: 20.587 ug/l
RT: 7.90 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VY003565.D
Acq: 20 Nov 2020 14:20

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.0	76.3	114.5
121	31.6	25.1	37.7





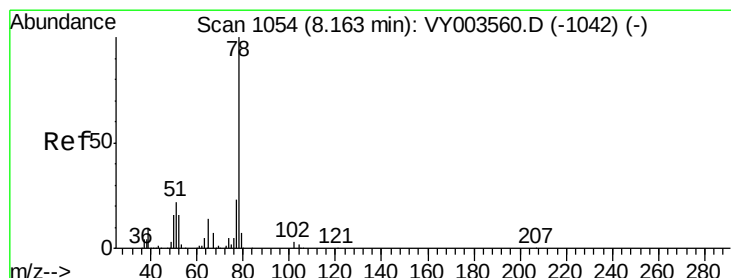
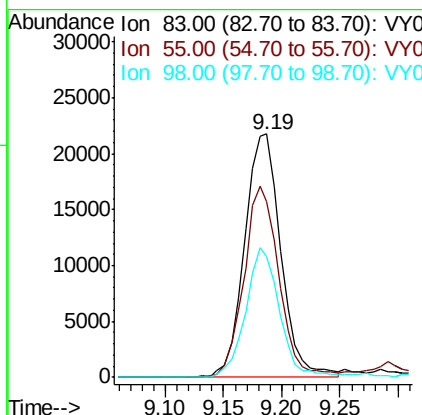
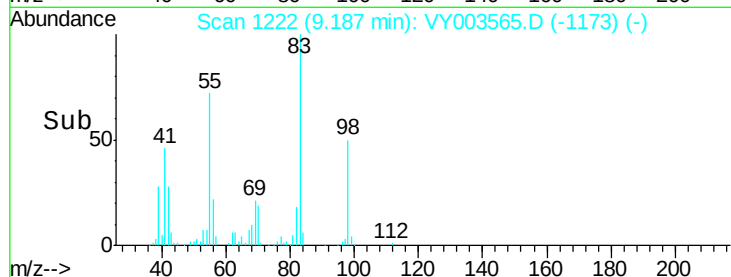
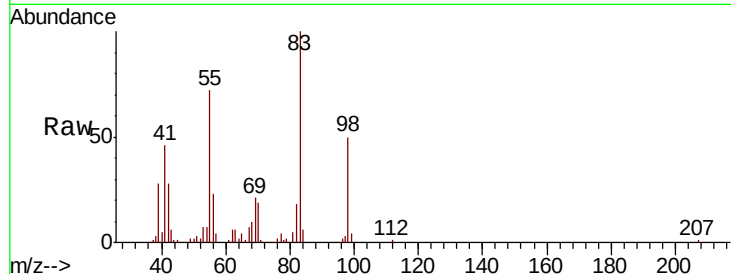
#39
Methylvlcyclohexane
Concen: 19.306 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY003565.D
Acq: 20 Nov 2020 14:20

Instrument :
MSVOA_Y
ClientSampleId :
VY1120SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	72.1	60.2	90.4
98	49.7	40.3	60.5

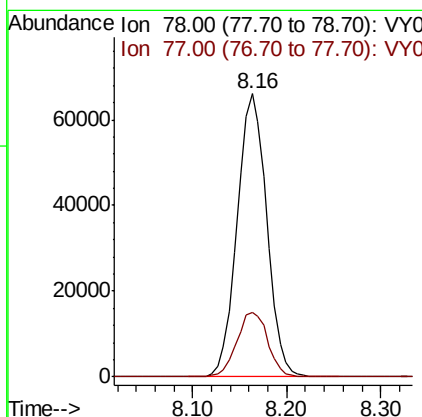
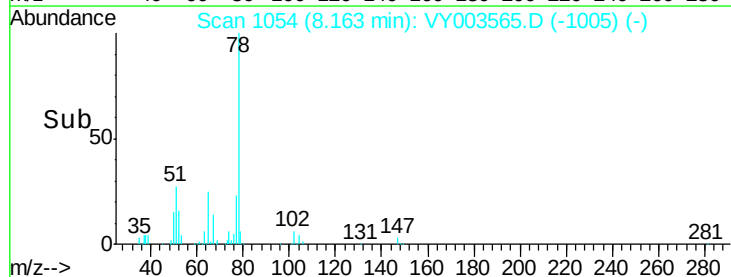
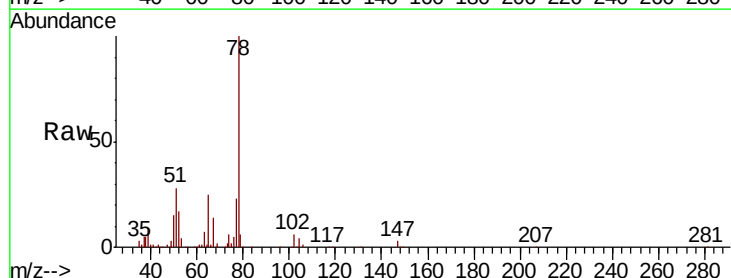
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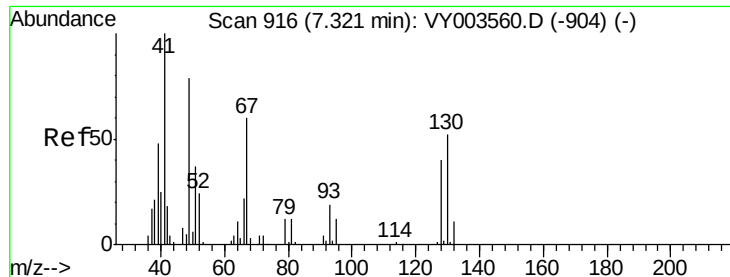
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#40
Benzene
Concen: 20.208 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VY003565.D
Acq: 20 Nov 2020 14:20

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.9	18.6	28.0





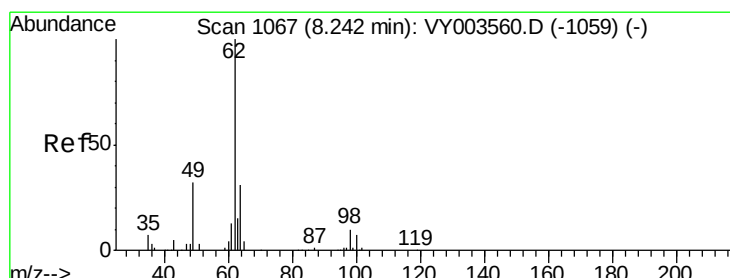
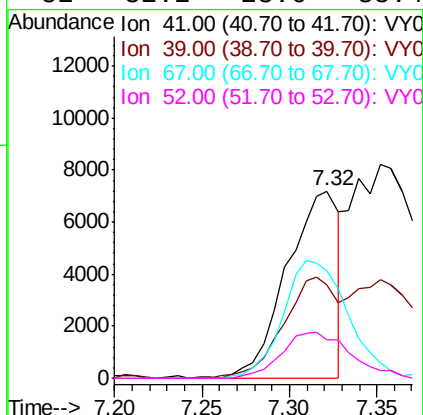
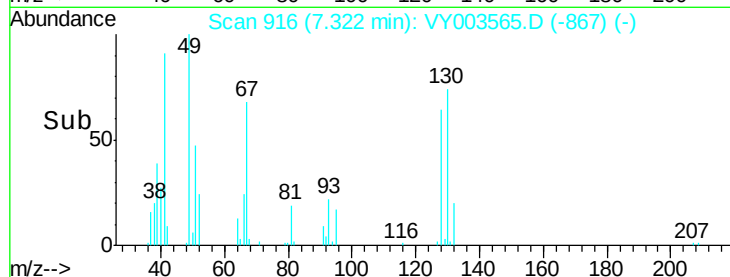
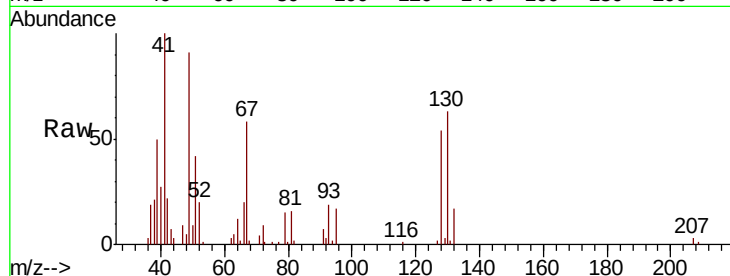
#41
Methacrylonitrile
Concen: 17.427 ug/l
RT: 7.32 min Scan# 916
Delta R.T. 0.00 min
Lab File: VY003565.D
Acq: 20 Nov 2020 14:20

Instrument :
MSVOA_Y
ClientSampleId :
VY1120SBS01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	54.4	41.4	62.0	
67	78.9	57.2	85.8	
52	32.2	23.6	35.4	

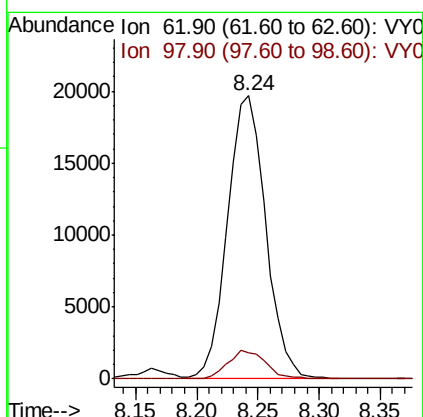
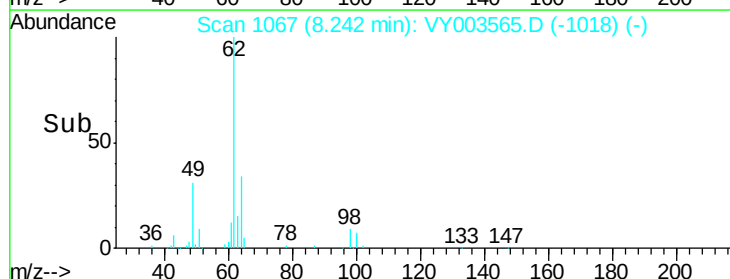
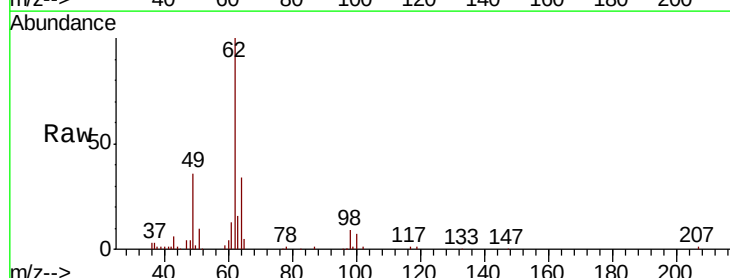
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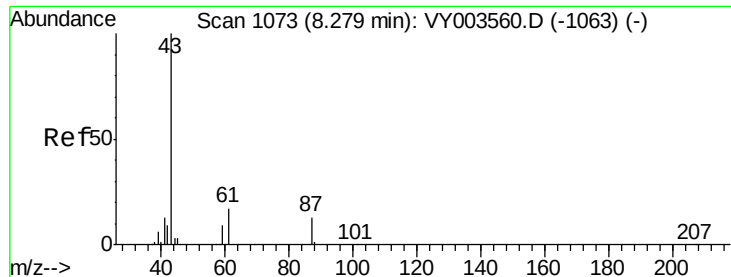
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#42
1,2-Dichloroethane
Concen: 20.935 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. 0.00 min
Lab File: VY003565.D
Acq: 20 Nov 2020 14:20

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.9	0.0	20.4	





#43

Isopropyl Acetate

Concen: 20.362 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. 0.00 min

Lab File: VY003565.D

Acq: 20 Nov 2020 14:20

Instrument :

MSVOA_Y

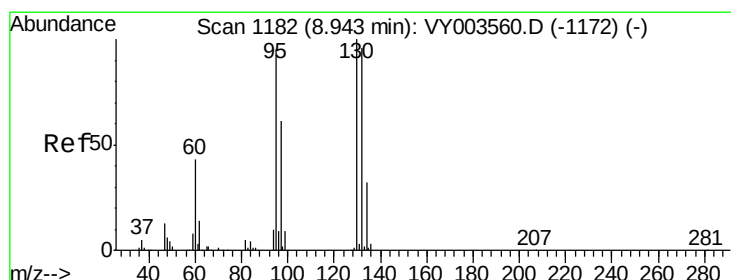
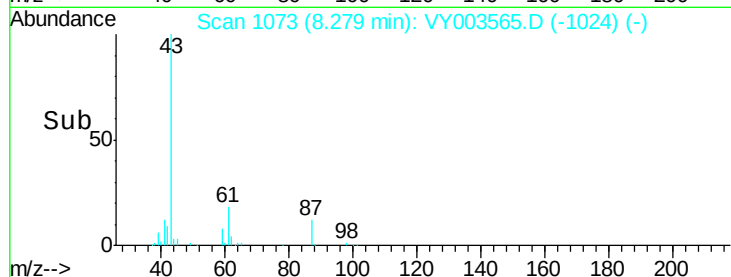
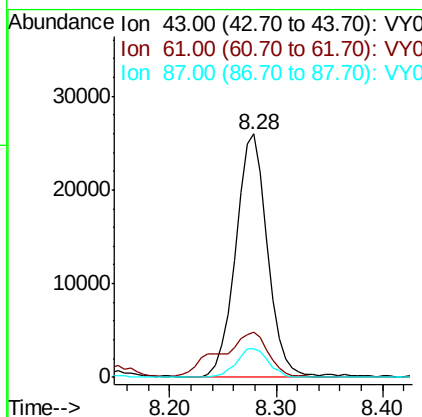
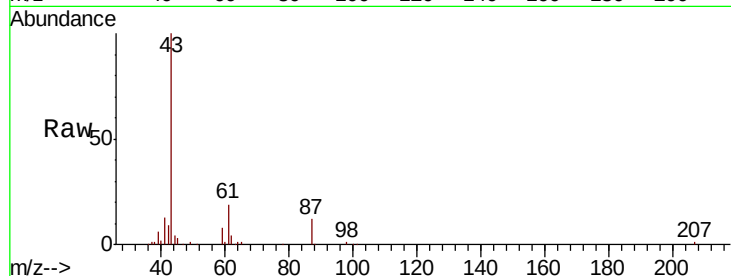
ClientSampleId :

VY1120SBS01

Tot Ion:	43	Resp:	54498
Ion	Ratio	Lower	Upper
43	100		
61	28.2	21.4	32.0
87	12.2	10.7	16.1

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11/23/2020 1:39:36 PM



#44

Trichloroethene

Concen: 20.554 ug/l

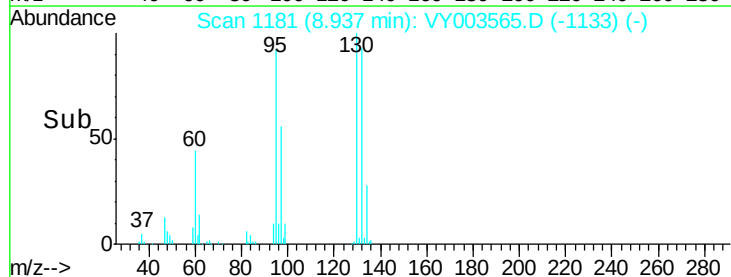
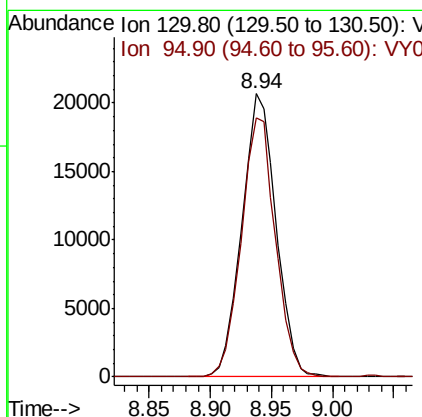
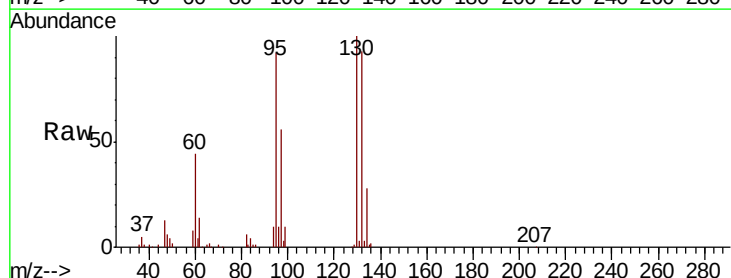
RT: 8.94 min Scan# 1181

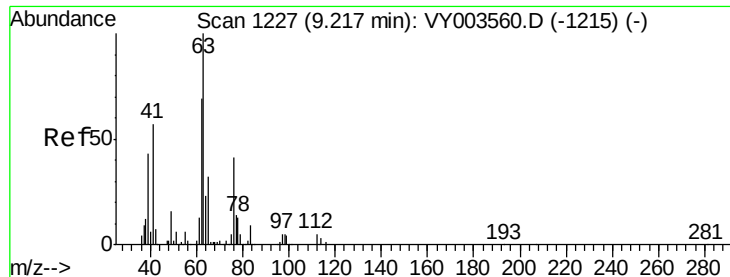
Delta R.T. -0.01 min

Lab File: VY003565.D

Acq: 20 Nov 2020 14:20

Tgt Ion:	130	Resp:	40158
Ion	Ratio	Lower	Upper
130	100		
95	91.7	0.0	189.2





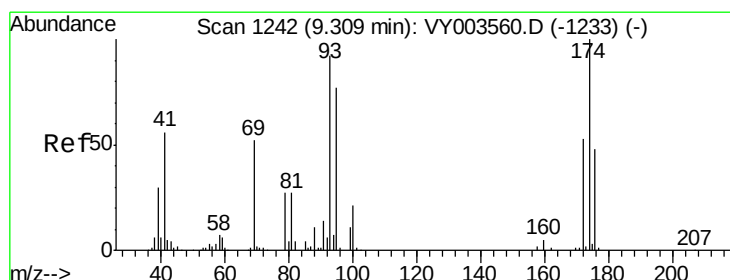
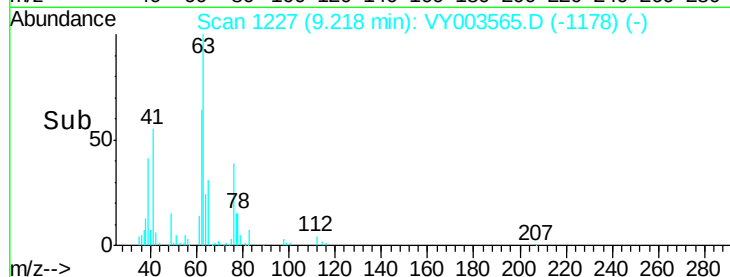
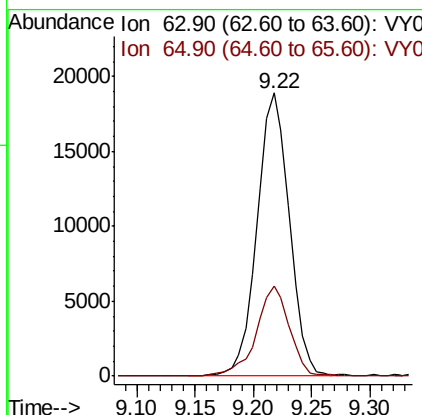
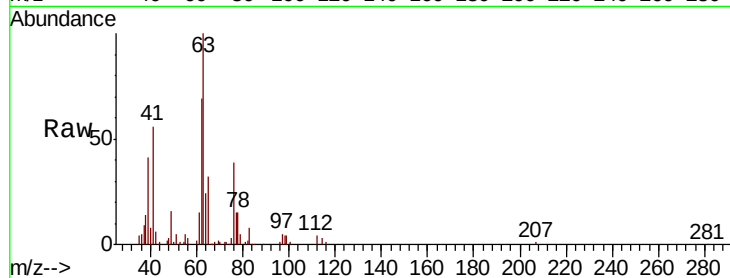
#45
 1,2-Dichloropropane
 Concen: 20.432 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. 0.00 min
 Lab File: VY003565.D
 Acq: 20 Nov 2020 14:20

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1120SBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.9	25.7	38.5

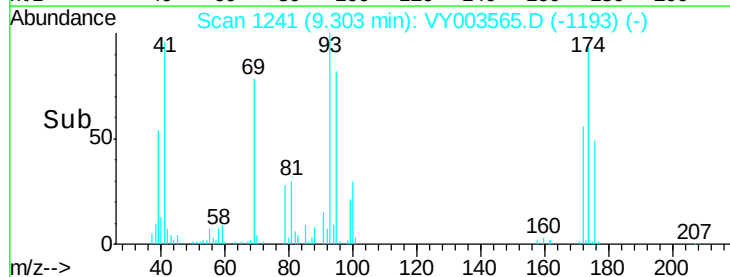
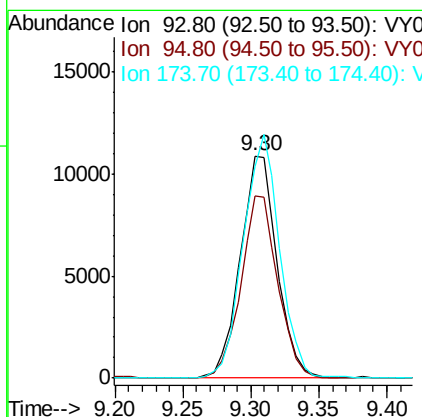
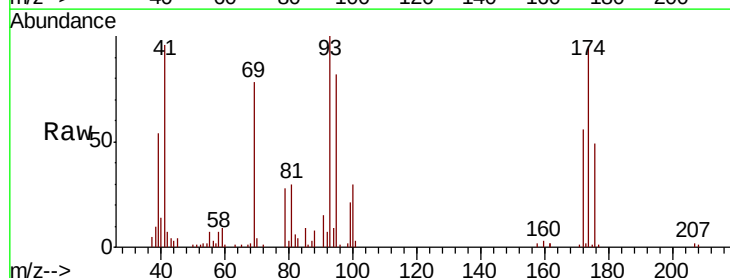
Manual Integrations
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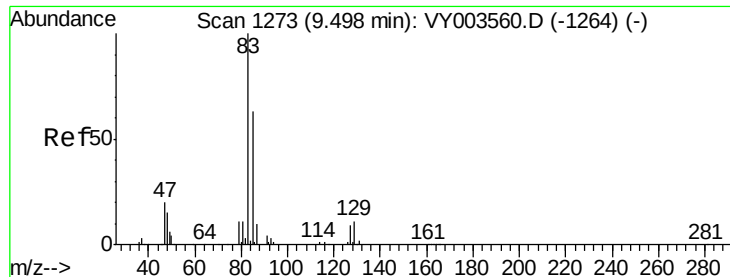
MMDadoda
 11/23/2020 1:39:36 PM



#46
 Dibromomethane
 Concen: 20.290 ug/l
 RT: 9.30 min Scan# 1241
 Delta R.T. -0.01 min
 Lab File: VY003565.D
 Acq: 20 Nov 2020 14:20

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.2	65.9	98.9
174	109.1	86.8	130.2





#47

Bromodichloromethane

Concen: 20.084 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VY003565.D

Acq: 20 Nov 2020 14:20

Instrument :

MSVOA_Y

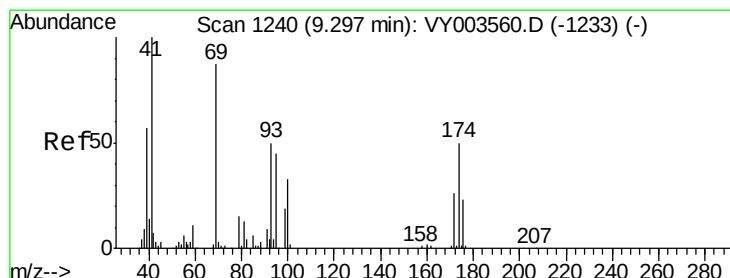
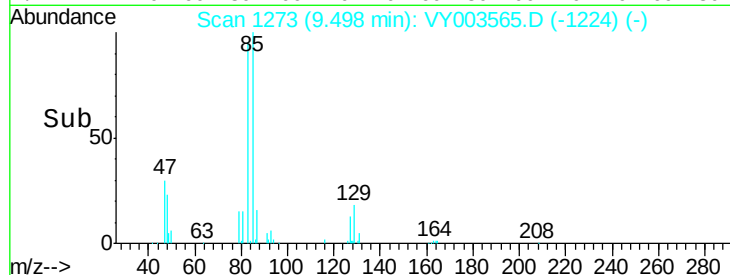
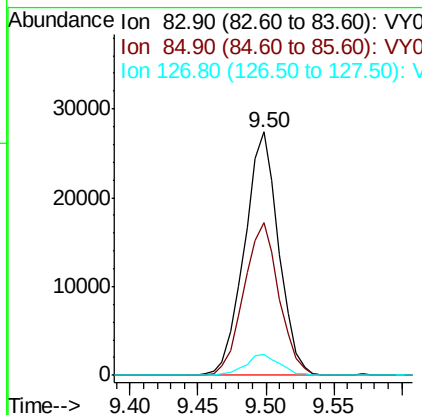
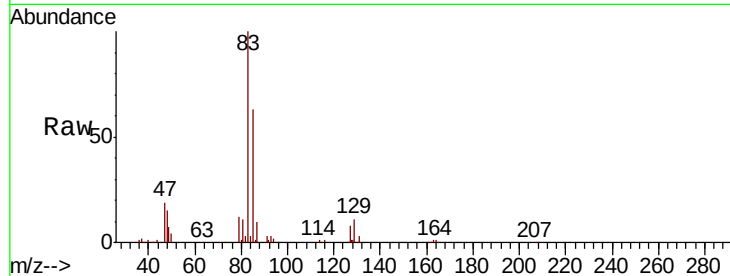
ClientSampleId :

VY1120SBS01

Tot Ion:	83	Resp:	48286
Ion	Ratio	Lower	Upper
83	100		
85	62.5	50.7	76.1
127	8.4	7.0	10.4

Manual Integrations
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MMDadoda
11/23/2020 1:39:36 PM



#48

Methyl methacrylate

Concen: 19.989 ug/l

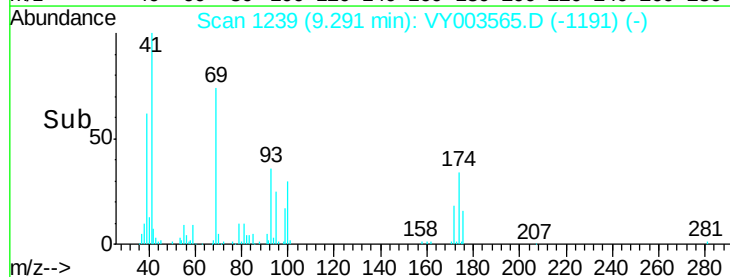
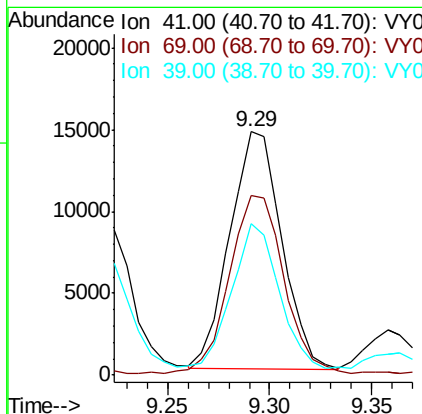
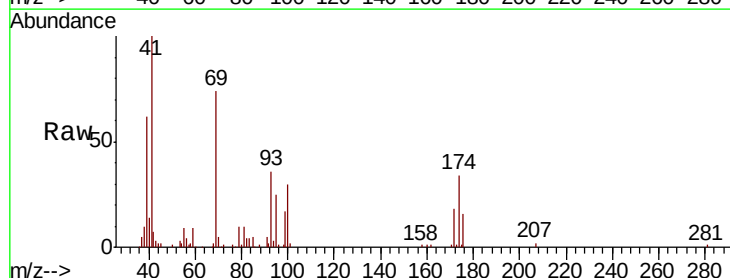
RT: 9.29 min Scan# 1239

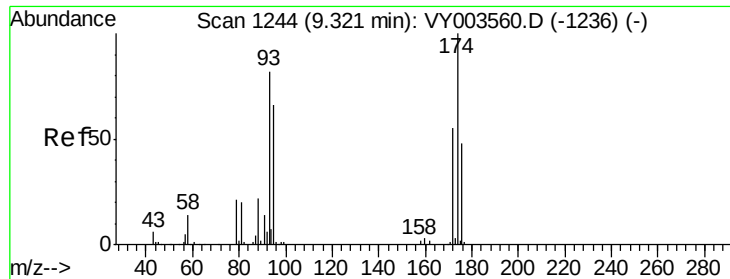
Delta R.T. -0.01 min

Lab File: VY003565.D

Acq: 20 Nov 2020 14:20

Tgt Ion:	41	Resp:	25609
Ion	Ratio	Lower	Upper
41	100		
69	79.2	68.6	102.8
39	63.3	48.8	73.2





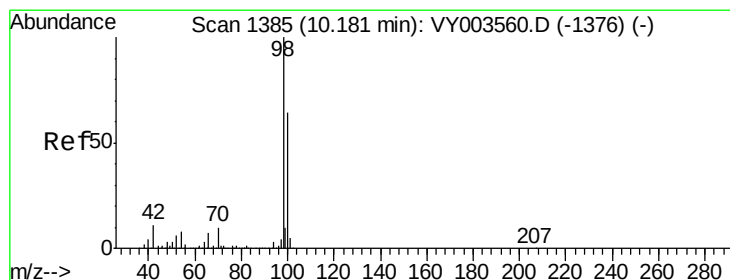
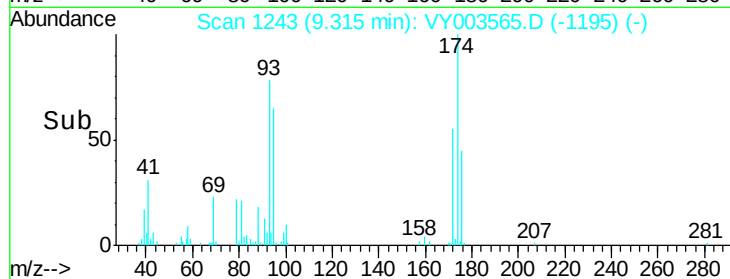
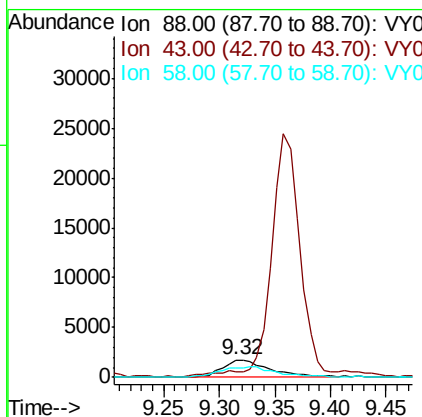
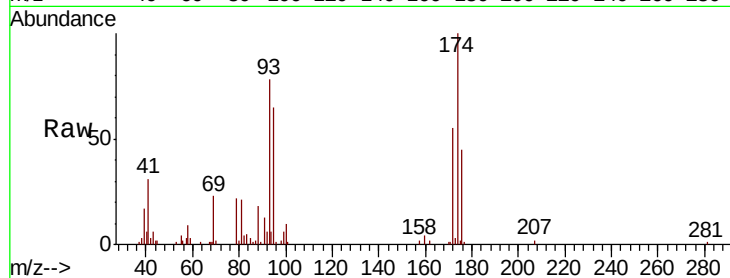
#49
1,4-Dioxane
Concen: 450.005 ug/l
RT: 9.32 min Scan# 1243
Delta R.T. -0.01 min
Lab File: VY003565.D
Acq: 20 Nov 2020 14:20

Instrument :
MSVOA_Y
ClientSampleId :
VY1120SBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	73.5	50.9	76.3

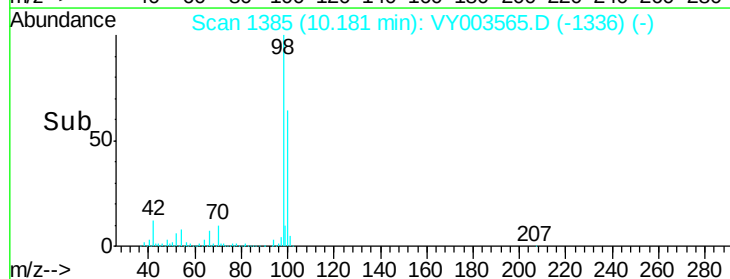
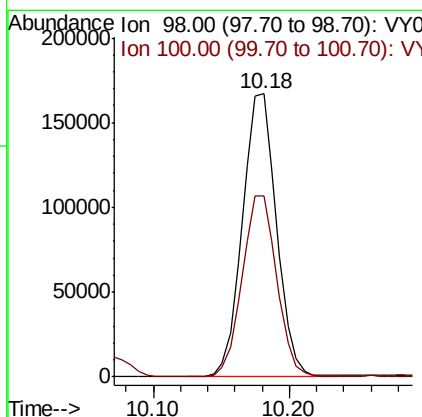
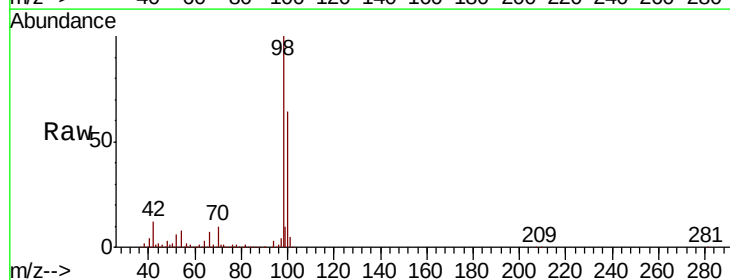
Manual Integrations
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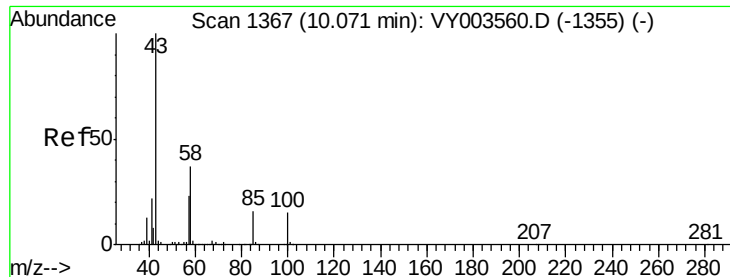
MMDadoda
11/23/2020 1:39:36 PM



#50
Toluene-d8
Concen: 46.645 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY003565.D
Acq: 20 Nov 2020 14:20

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.8	51.4	77.2





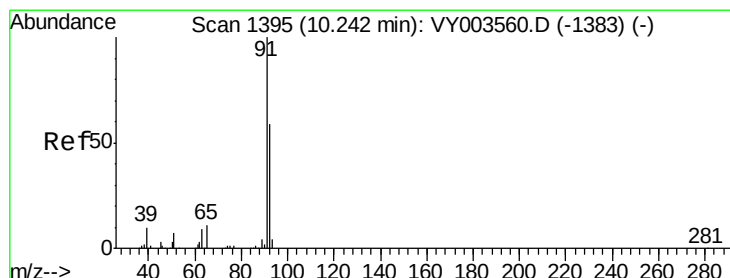
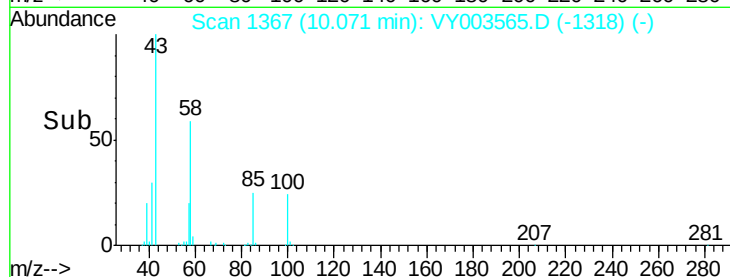
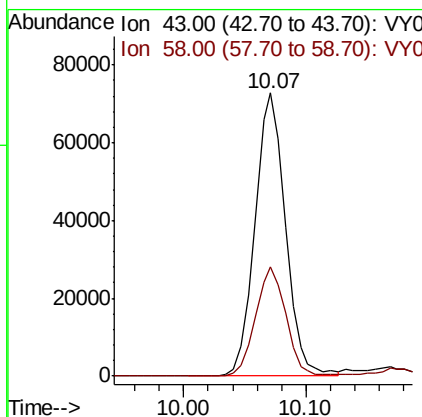
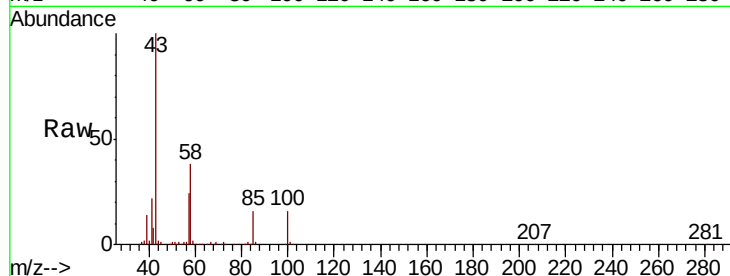
#51
4-Methyl-2-Pentanone
Concen: 98.890 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VY003565.D
Acq: 20 Nov 2020 14:20

Instrument :
MSVOA_Y
ClientSampleId :
VY1120SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	38.3	29.8	44.8

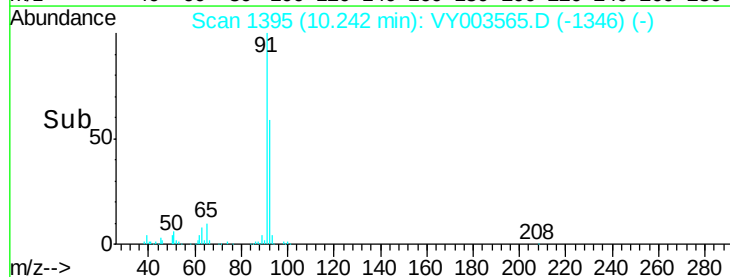
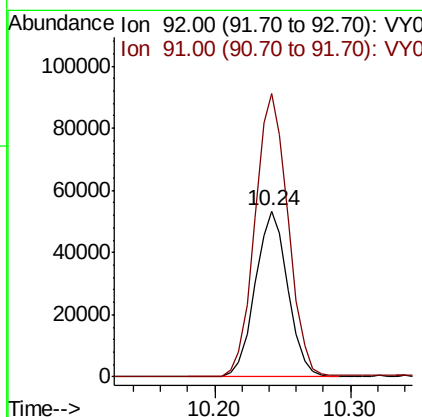
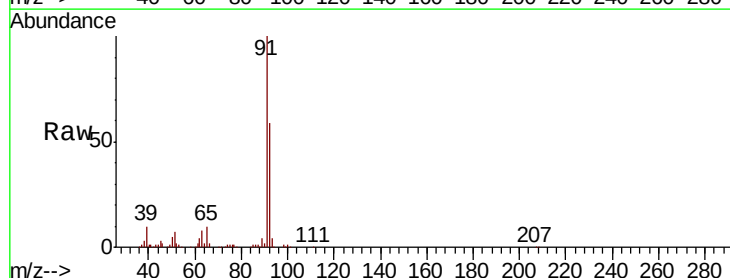
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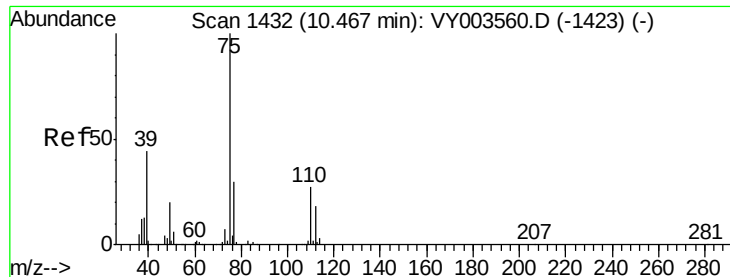
MMDadoda
11/23/2020 1:39:36 PM



#52
Toluene
Concen: 20.418 ug/l
RT: 10.24 min Scan# 1395
Delta R.T. 0.00 min
Lab File: VY003565.D
Acq: 20 Nov 2020 14:20

Tgt Ion	Ratio	Lower	Upper
92	100		
91	173.5	137.6	206.4





#53

t-1,3-Dichloropropene

Concen: 20.314 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VY003565.D

Acq: 20 Nov 2020 14:20

Instrument :

MSVOA_Y

ClientSampleId :

VY1120SBS01

Tot Ion: 75 Resp: 51117

Ion Ratio Lower Upper

75 100

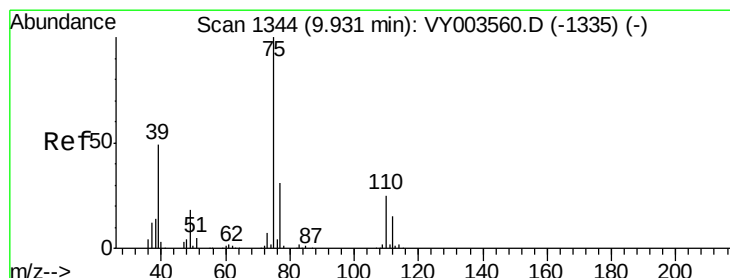
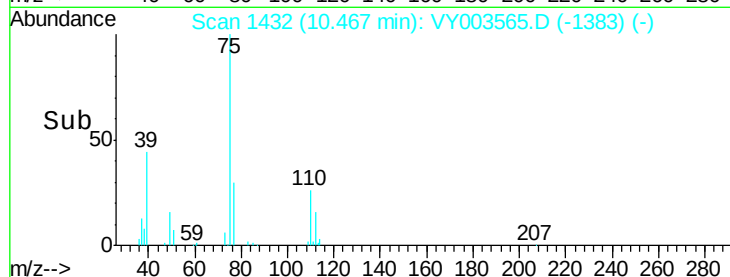
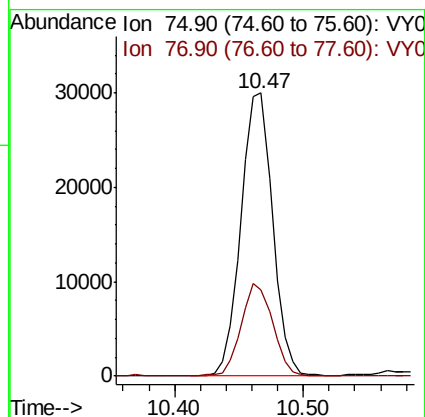
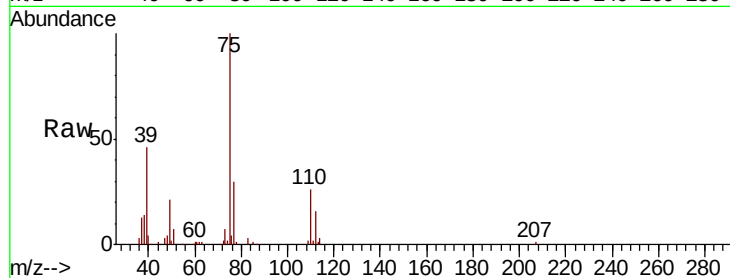
77 30.3 24.0 36.0

Manual Integrations

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MMDadoda

11/23/2020 1:39:36 PM



#54

cis-1,3-Dichloropropene

Concen: 20.352 ug/l

RT: 9.92 min Scan# 1343

Delta R.T. -0.01 min

Lab File: VY003565.D

Acq: 20 Nov 2020 14:20

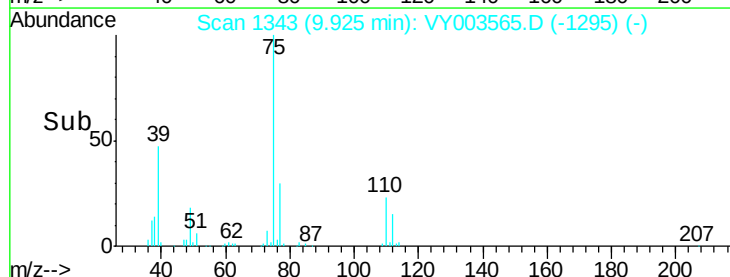
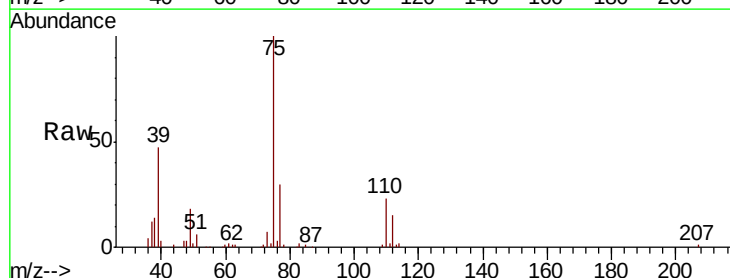
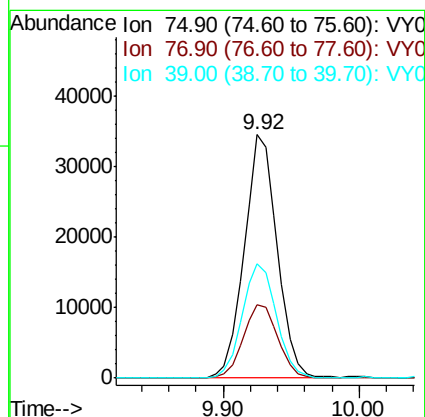
Tgt Ion: 75 Resp: 58288

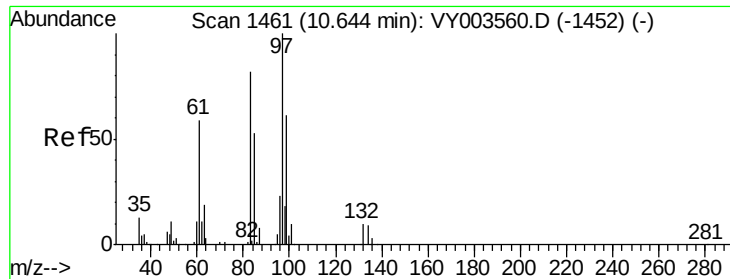
Ion Ratio Lower Upper

75 100

77 30.0 24.6 36.8

39 46.9 38.9 58.3





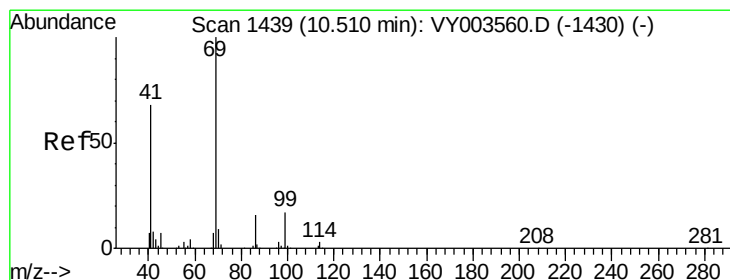
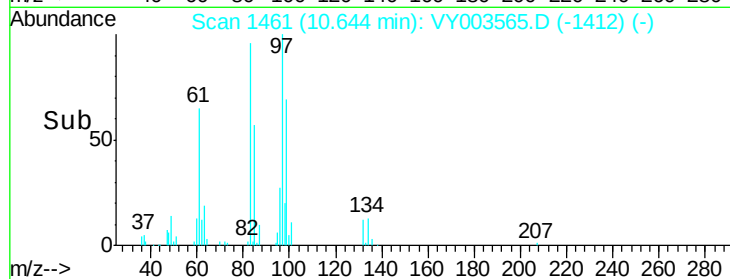
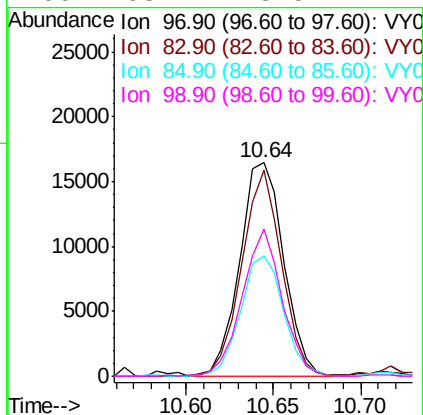
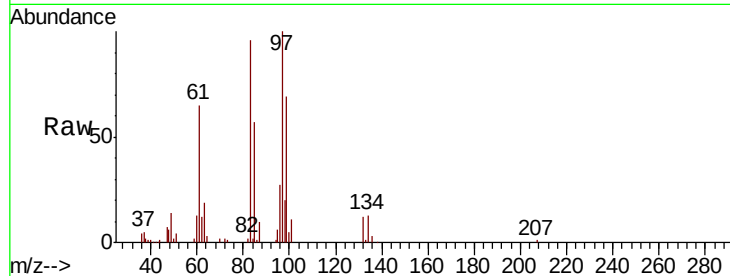
#55
 1,1,2-Trichloroethane
 Concen: 20.092 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY003565.D
 Acq: 20 Nov 2020 14:20

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1120SBS01

Tot Ion:	97	Resp:	28846
Ion	Ratio	Lower	Upper
97	100		
83	96.5	65.2	97.8
85	56.6	42.4	63.6
99	68.7	48.5	72.7

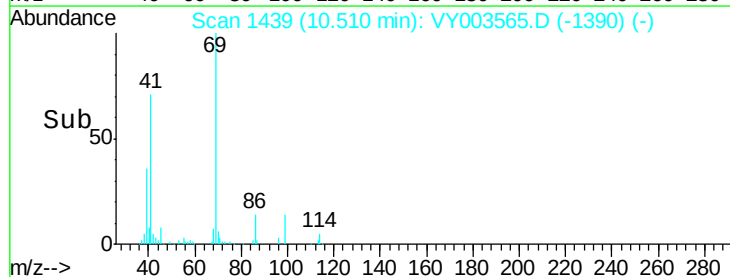
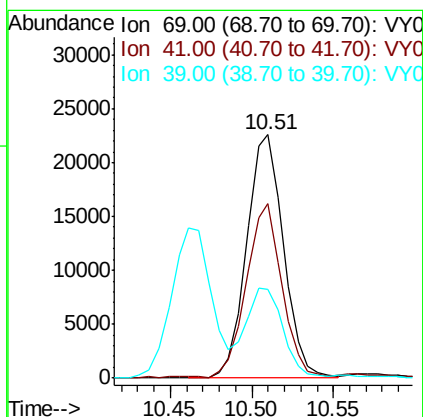
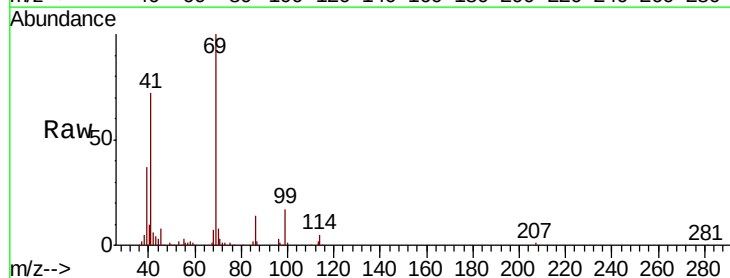
Manual Integrations
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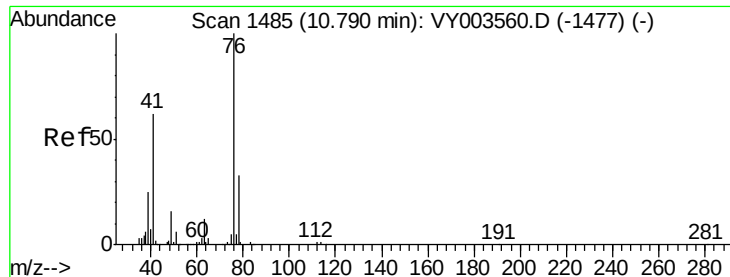
MMDadoda
 11/23/2020 1:39:36 PM



#56
 Ethyl methacrylate
 Concen: 20.410 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY003565.D
 Acq: 20 Nov 2020 14:20

Tgt Ion:	69	Resp:	35609
Ion	Ratio	Lower	Upper
69	100		
41	68.4	55.4	83.0
39	36.8	30.2	45.2





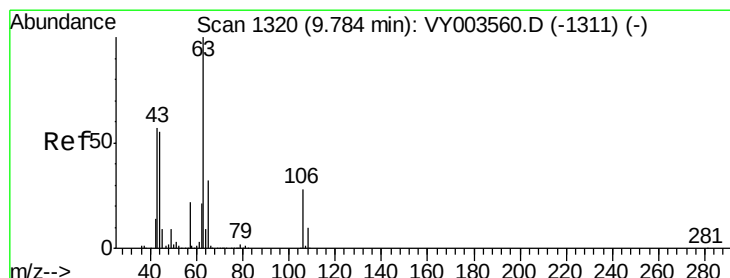
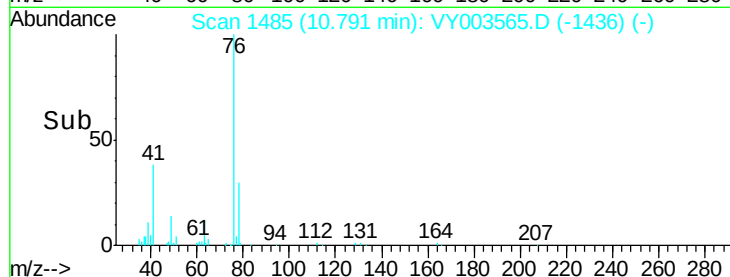
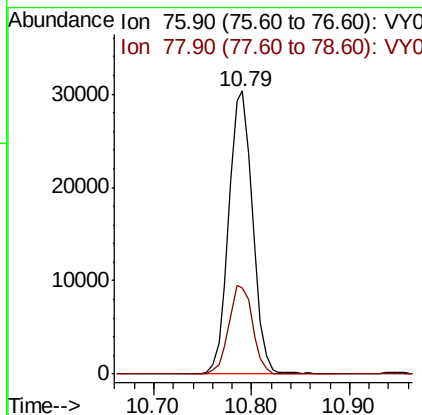
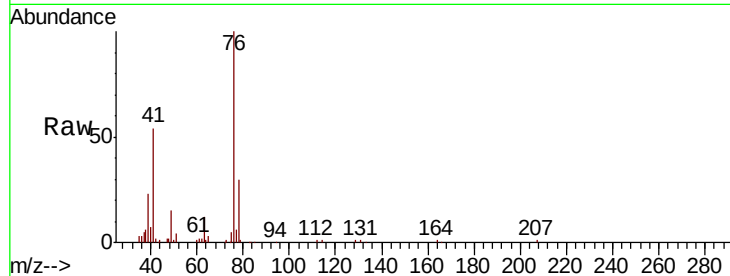
#57
 1,3-Dichloropropane
 Concen: 21.122 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. 0.00 min
 Lab File: VY003565.D
 Acq: 20 Nov 2020 14:20

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1120SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	31.3	26.0	39.0

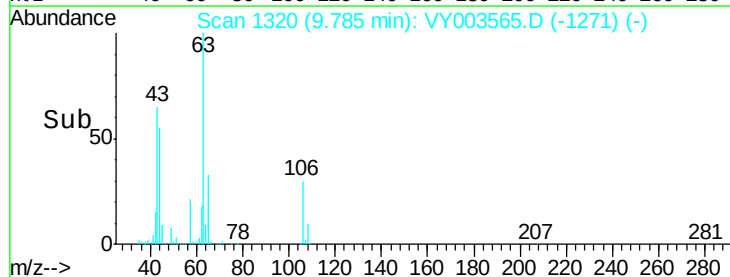
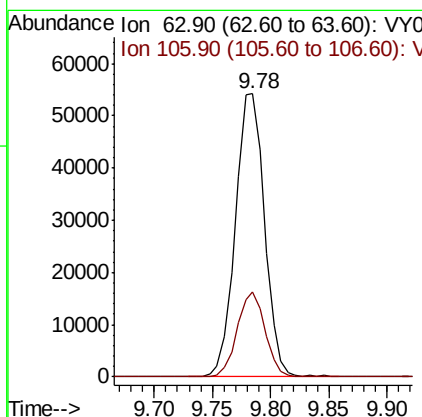
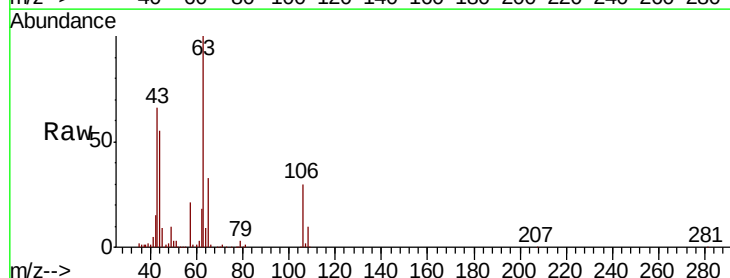
Manual Integrations
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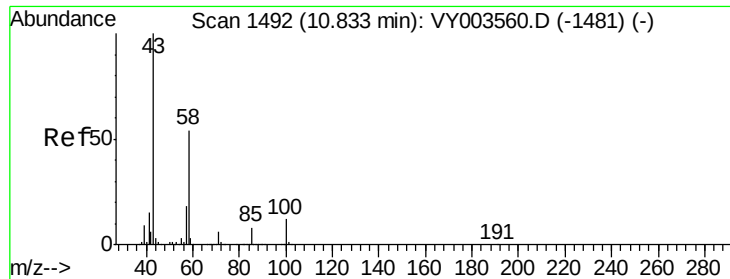
MMDadoda
 11/23/2020 1:39:36 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 105.965 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. 0.00 min
 Lab File: VY003565.D
 Acq: 20 Nov 2020 14:20

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.6	22.6	34.0





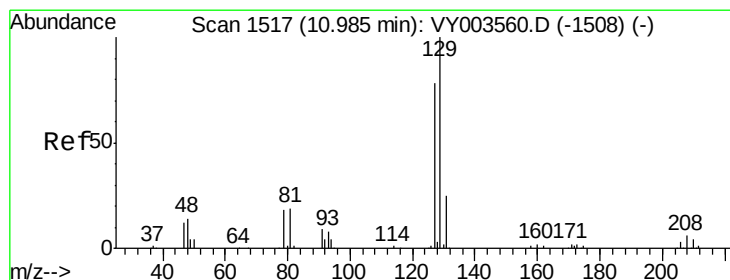
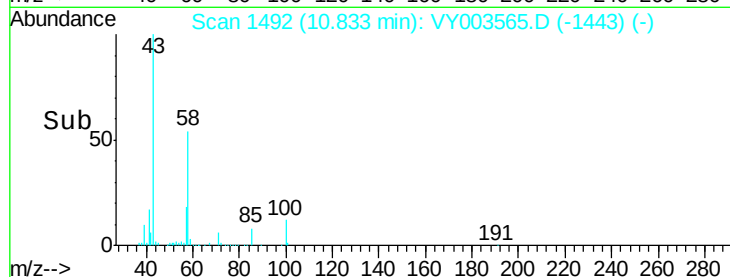
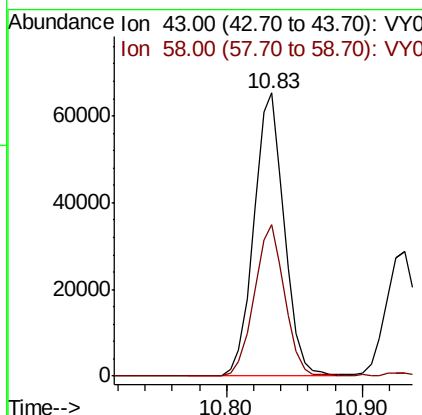
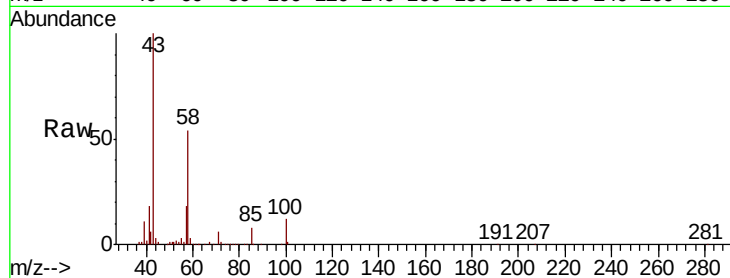
#59
2-Hexanone
Concen: 96.652 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY003565.D
Acq: 20 Nov 2020 14:20

Instrument :
MSVOA_Y
ClientSampleId :
VY1120SBS01

Tot Ion: 43 Resp: 102203
Ion Ratio Lower Upper
43 100
58 53.6 26.7 80.1

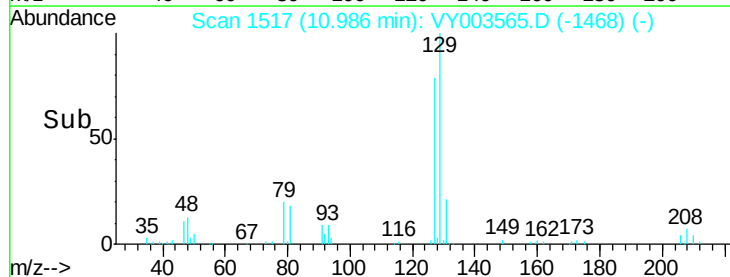
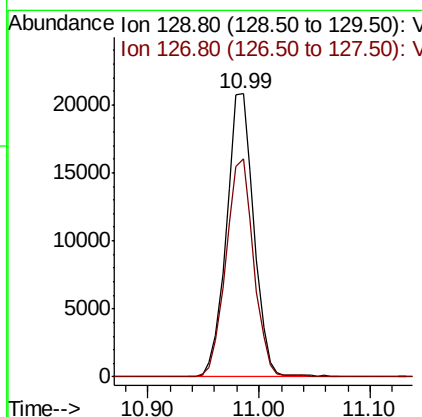
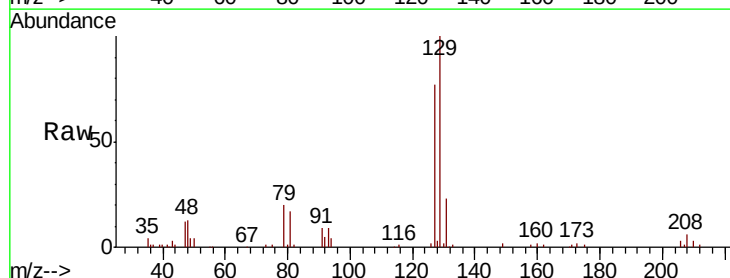
Manual Integrations
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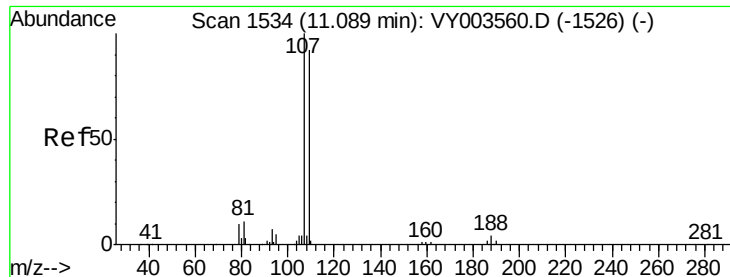
MMDadoda
11/23/2020 1:39:36 PM



#60
Dibromochloromethane
Concen: 20.403 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY003565.D
Acq: 20 Nov 2020 14:20

Tgt Ion: 129 Resp: 35418
Ion Ratio Lower Upper
129 100
127 78.2 38.9 116.7





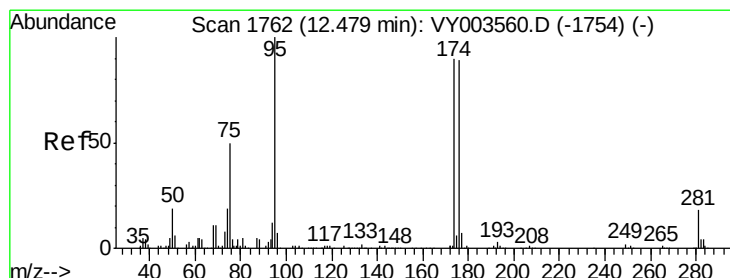
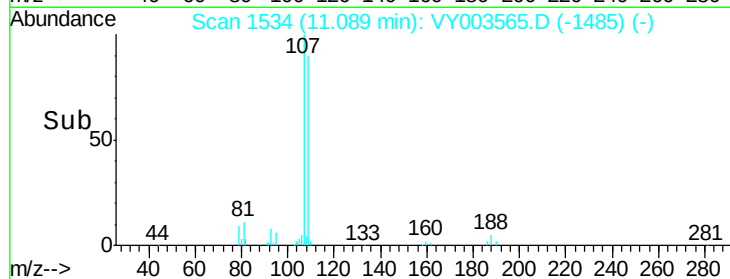
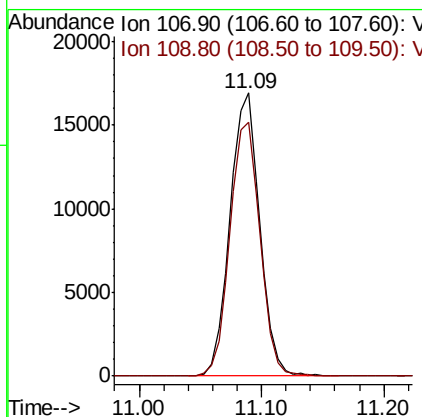
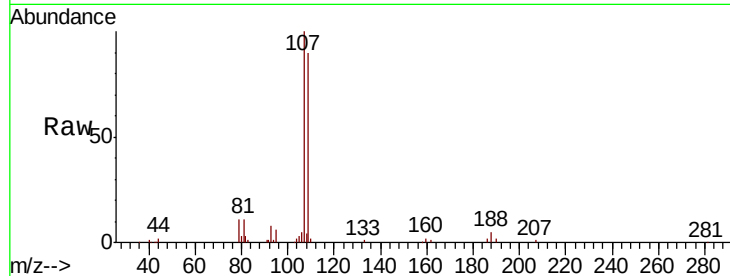
#61
 1,2-Dibromoethane
 Concen: 20.462 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY003565.D
 Acq: 20 Nov 2020 14:20

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1120SBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	90.8	75.9	113.9

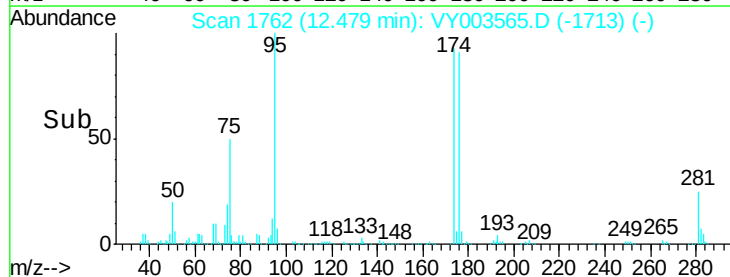
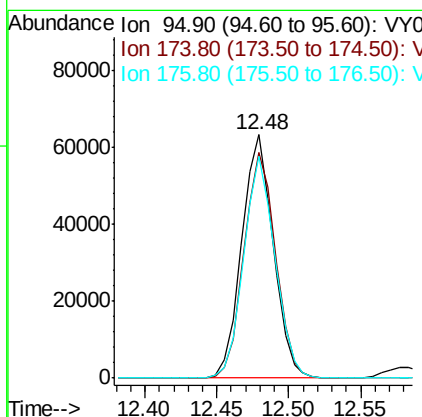
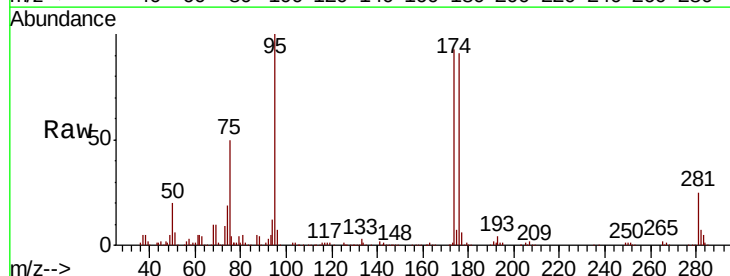
Manual Integrations
 APPROVED

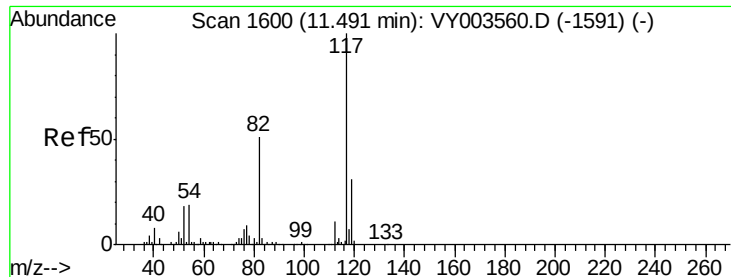
MMDadoda
 11/23/2020 1:39:36 PM



#62
 4-Bromofluorobenzene
 Concen: 48.150 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY003565.D
 Acq: 20 Nov 2020 14:20

Tgt Ion	Ratio	Lower	Upper
95	100		
174	92.8	0.0	184.0
176	89.8	0.0	180.4





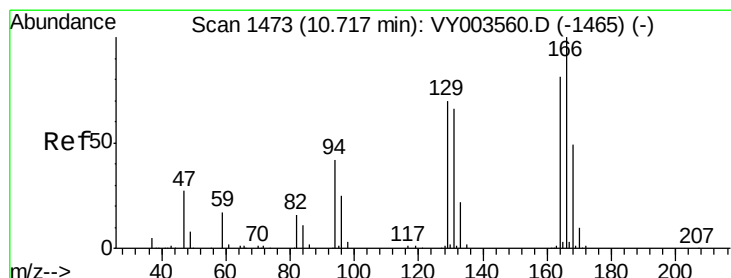
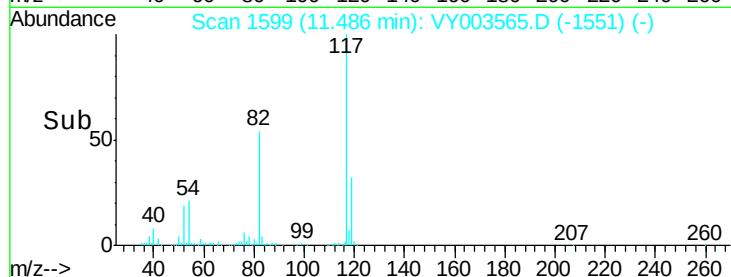
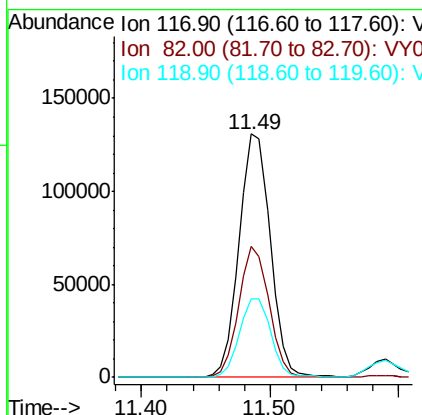
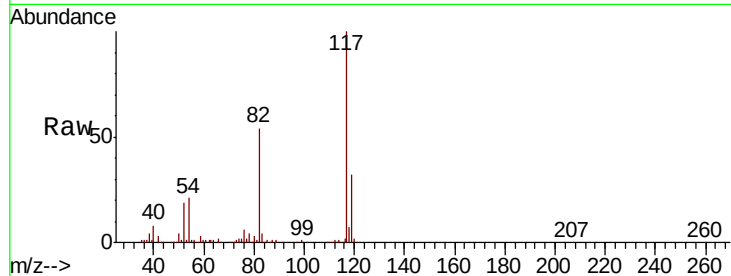
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VY003565.D
Acq: 20 Nov 2020 14:20

Instrument :
MSVOA_Y
ClientSampleId :
VY1120SBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	220926		
82	53.9		41.0	61.6
119	32.2		25.0	37.6

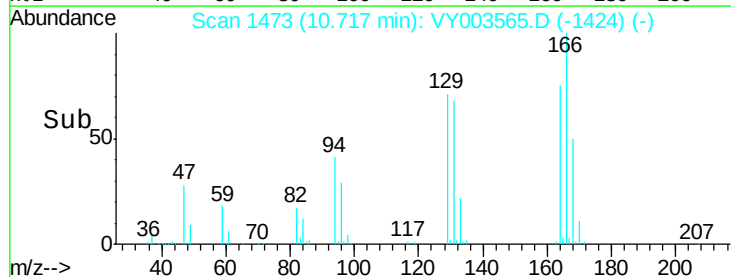
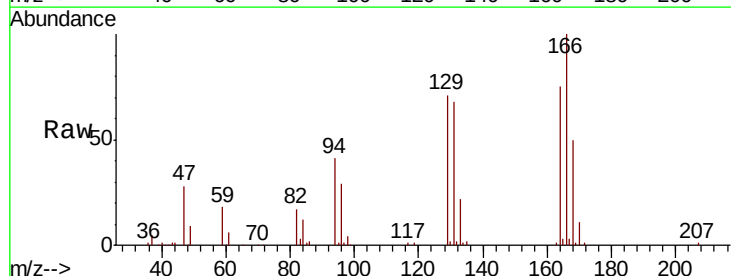
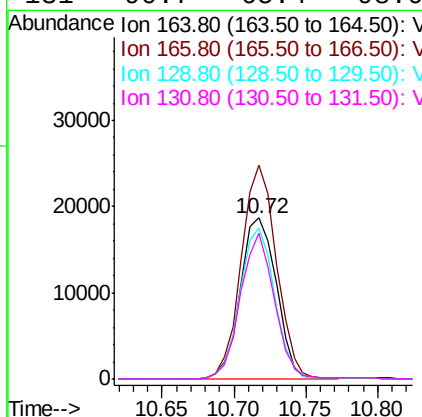
Manual Integrations
APPROVED

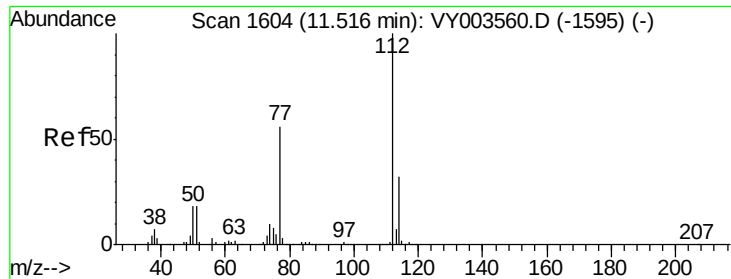
MMDadoda
11/23/2020 1:39:36 PM



#64
Tetrachloroethene
Concen: 19.740 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY003565.D
Acq: 20 Nov 2020 14:20

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	32575		
166	132.5		99.0	148.4
129	93.5		69.1	103.7
131	90.7		65.4	98.0





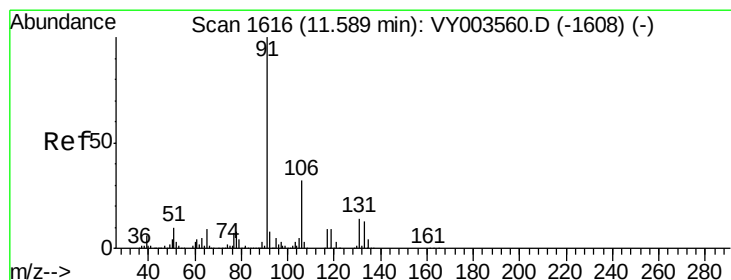
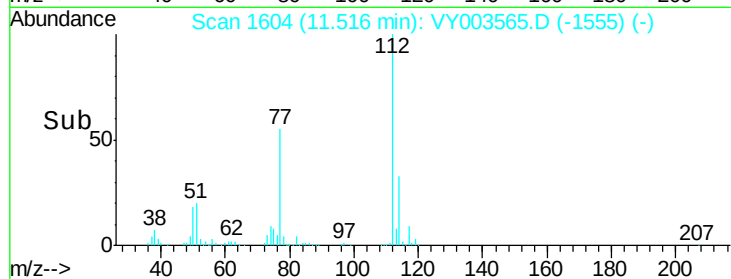
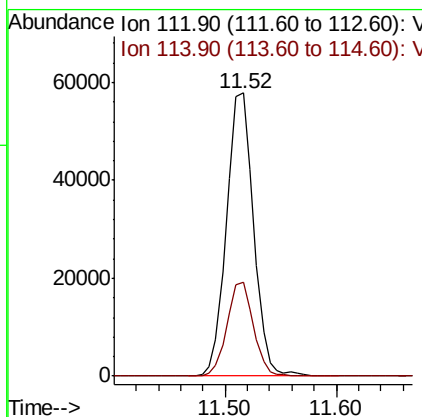
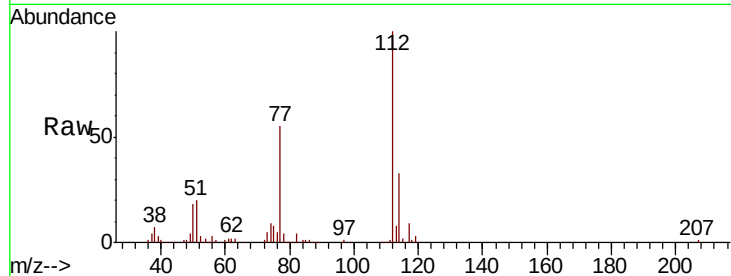
#65
Chlorobenzene
Concen: 20.440 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY003565.D
Acq: 20 Nov 2020 14:20

Instrument :
MSVOA_Y
ClientSampleId :
VY1120SBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	33.4	25.3	37.9

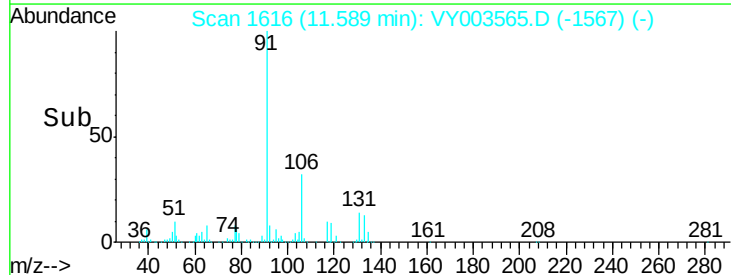
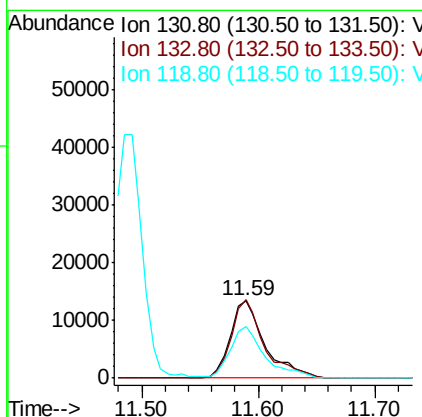
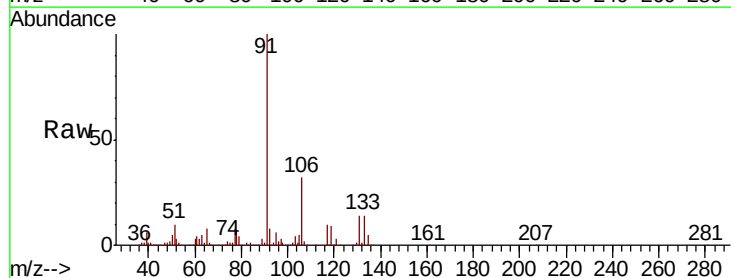
Manual Integrations
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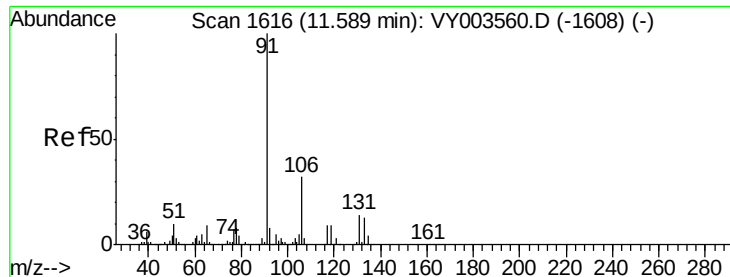
MMDadoda
11/23/2020 1:39:36 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 20.378 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY003565.D
Acq: 20 Nov 2020 14:20

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.1	47.1	141.4
119	66.7	32.6	97.7





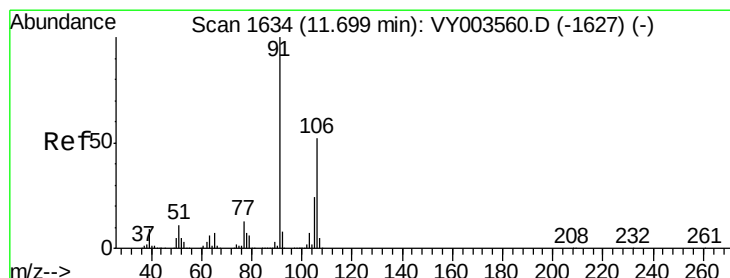
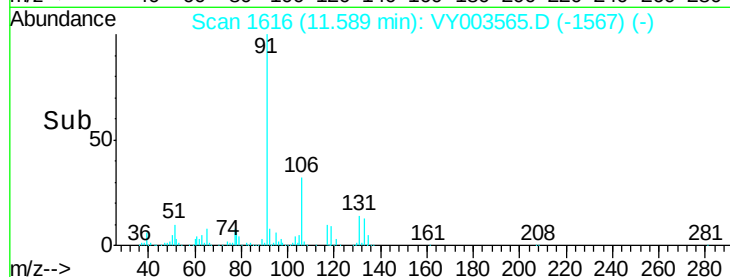
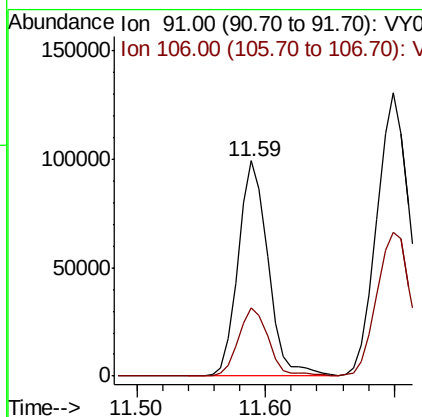
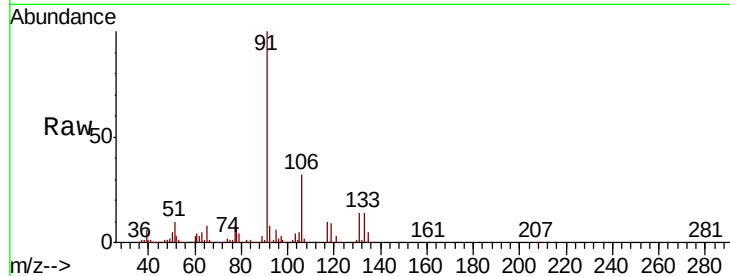
#67
Ethyl Benzene
Concen: 20.409 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY003565.D
Acq: 20 Nov 2020 14:20

Instrument :
MSVOA_Y
ClientSampleId :
VY1120SBS01

Tot Ion: 91 Resp: 159848
Ion Ratio Lower Upper
91 100
106 31.6 25.6 38.4

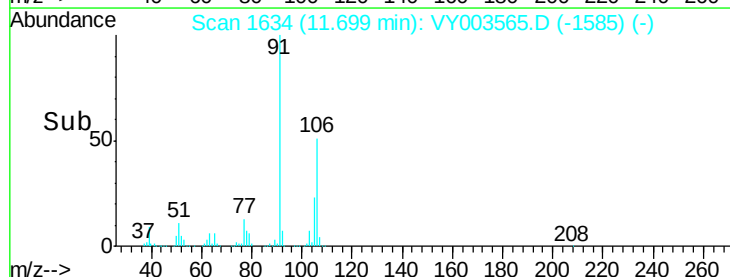
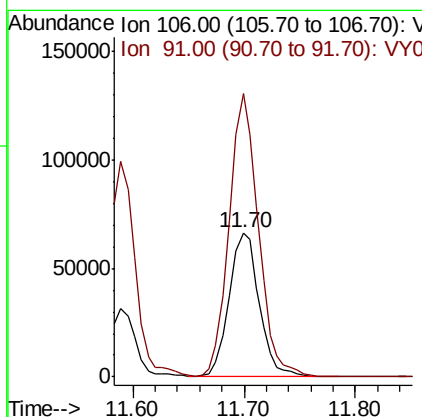
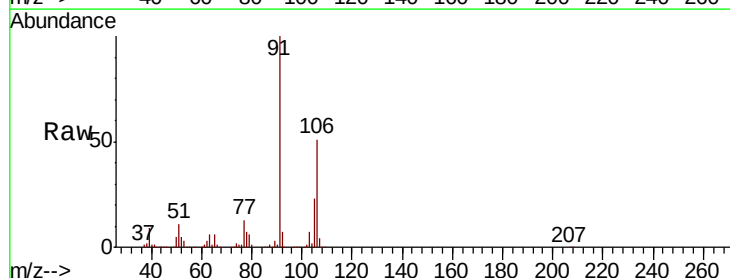
Manual Integrations
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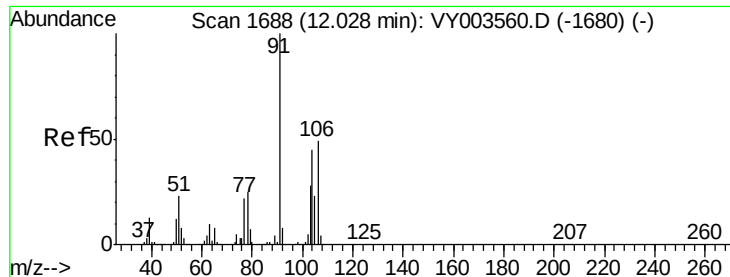
MMDadoda
11/23/2020 1:39:36 PM



#68
m/p-Xylenes
Concen: 41.599 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VY003565.D
Acq: 20 Nov 2020 14:20

Tgt Ion: 106 Resp: 124762
Ion Ratio Lower Upper
106 100
91 190.9 154.2 231.4





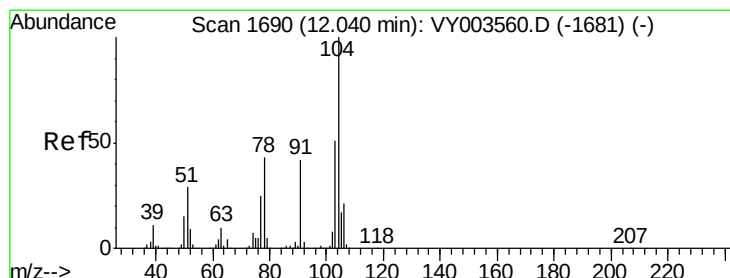
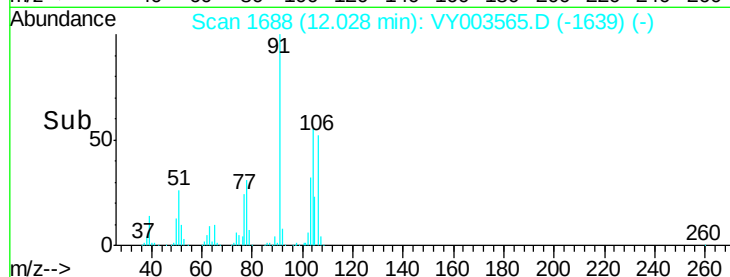
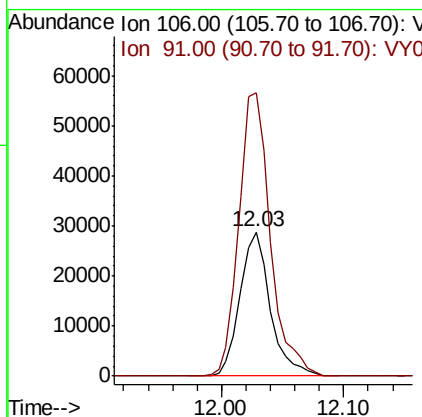
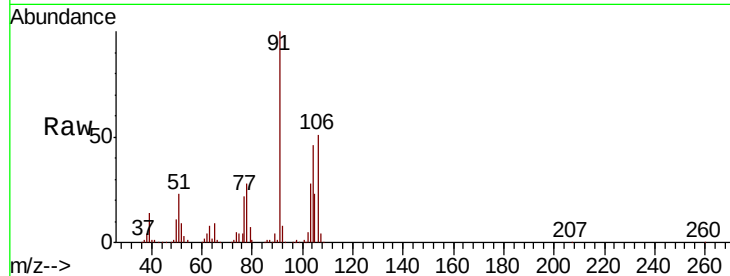
#69
o-Xylene
Concen: 20.632 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY003565.D
Acq: 20 Nov 2020 14:20

Instrument :
MSVOA_Y
ClientSampleId :
VY1120SBS01

Tot Ion:106 Resp: 49495
Ion Ratio Lower Upper
106 100
91 204.5 103.1 309.1

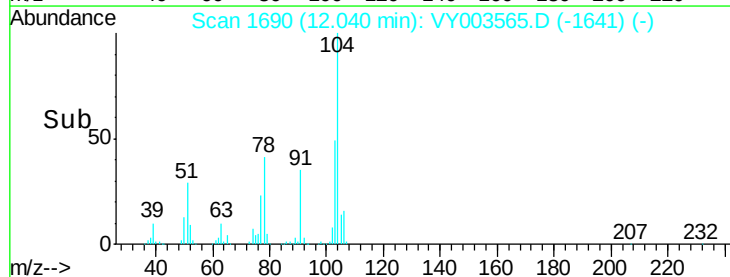
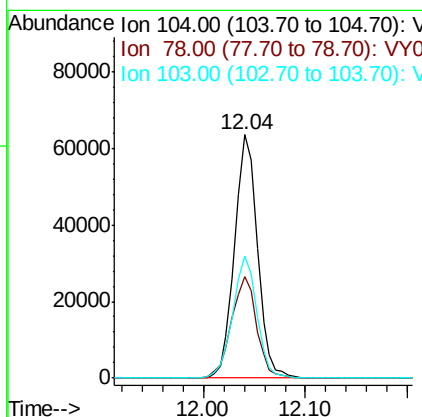
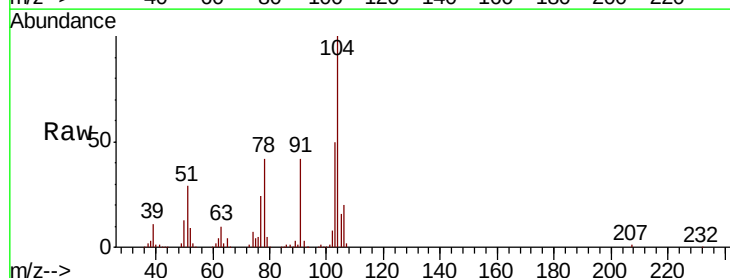
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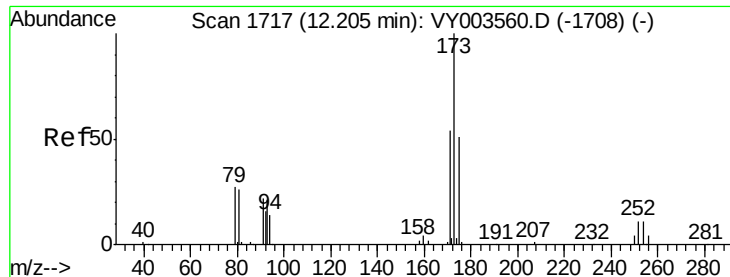
MMDadoda
11/23/2020 1:39:36 PM



#70
Styrene
Concen: 20.392 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY003565.D
Acq: 20 Nov 2020 14:20

Tgt Ion:104 Resp: 98597
Ion Ratio Lower Upper
104 100
78 45.7 36.6 54.8
103 52.9 43.6 65.4





#71

Bromoform

Concen: 19.824 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VY003565.D

Acq: 20 Nov 2020 14:20

Instrument :

MSVOA_Y

ClientSampleId :

VY1120SBS01

Tot Ion:173 Resp: 21957

Ion Ratio Lower Upper

173 100

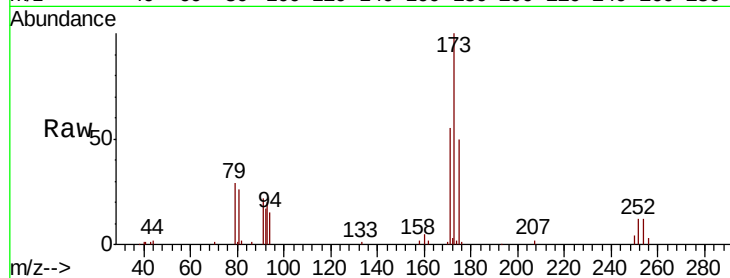
175 50.0 24.6 73.6

254 0.0 0.1 0.1#

Manual Integrations
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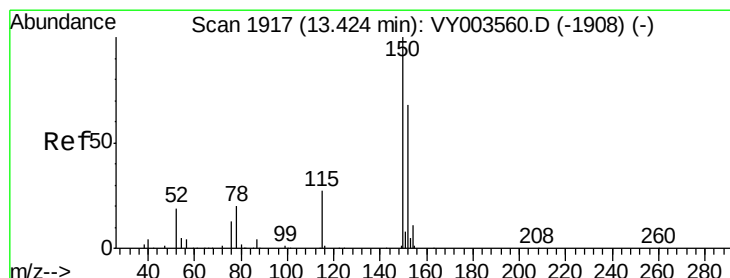
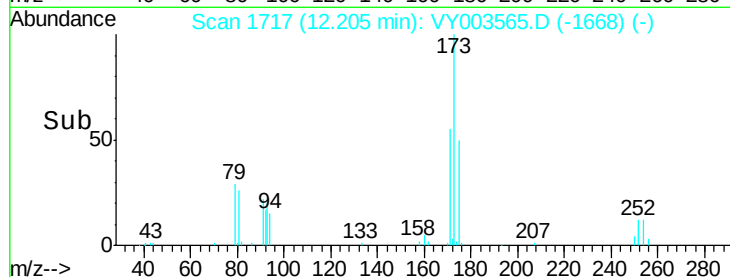
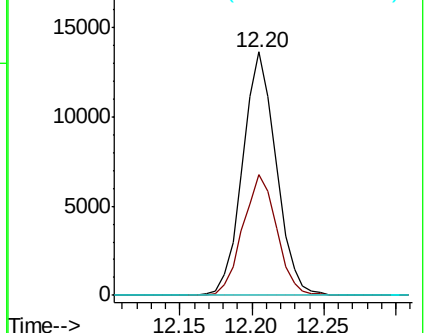
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. 0.00 min

Lab File: VY003565.D

Acq: 20 Nov 2020 14:20

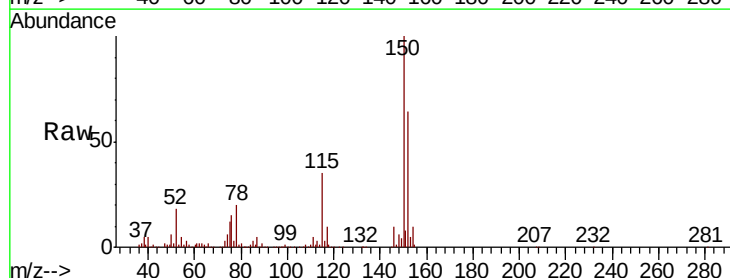
Tgt Ion:152 Resp: 108021

Ion Ratio Lower Upper

152 100

115 54.6 27.4 82.0

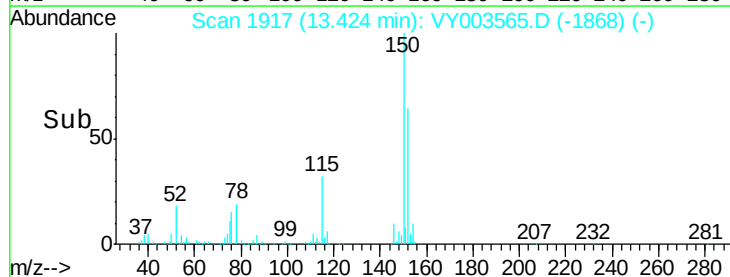
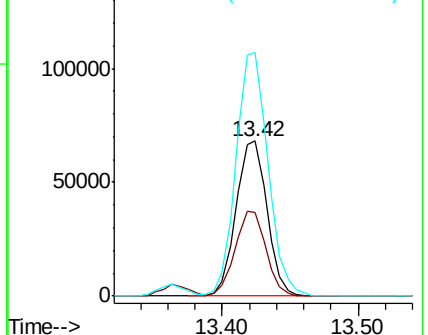
150 163.0 0.0 349.6

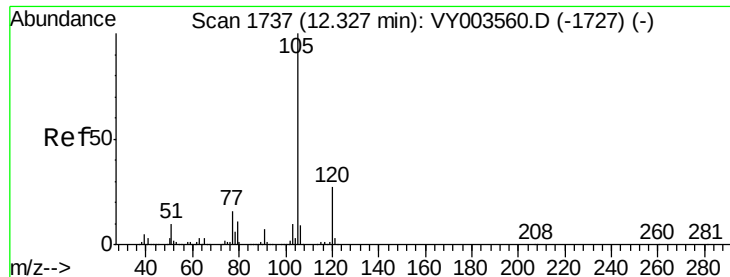


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.543 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY003565.D

Acq: 20 Nov 2020 14:20

Instrument :

MSVOA_Y

ClientSampleId :

VY1120SBS01

Tot Ion: 105 Resp: 110534

Ion Ratio Lower Upper

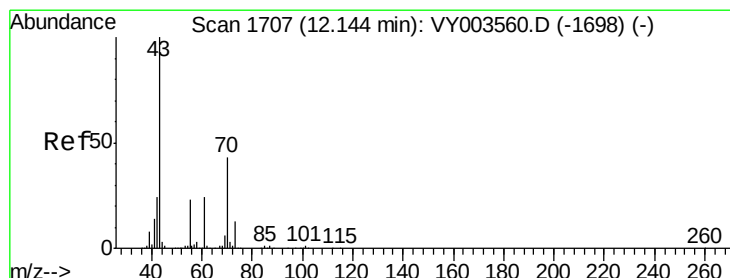
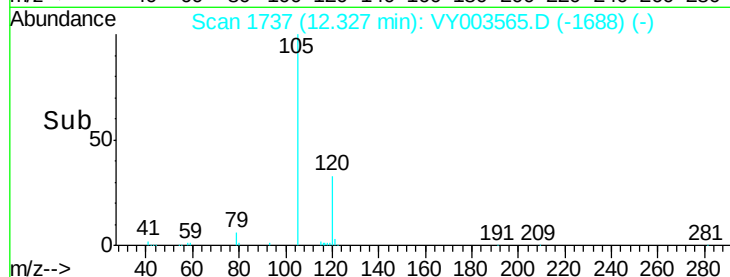
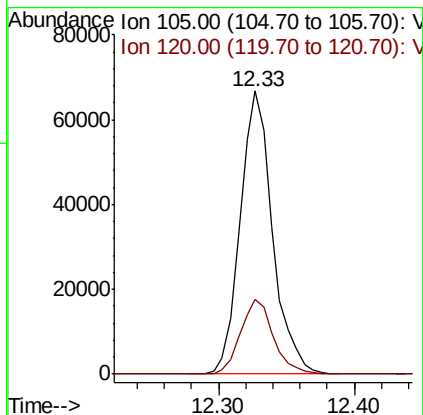
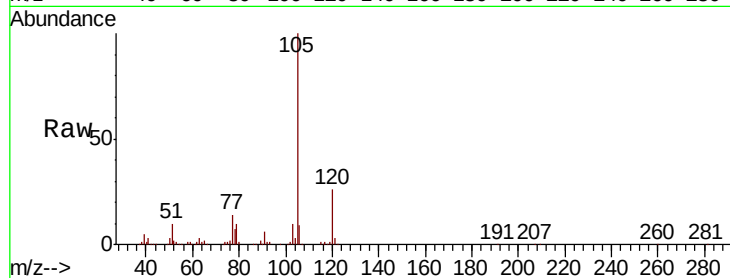
105 100

120 26.7 13.8 41.4

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#74

N-ethyl acetate

Concen: 20.086 ug/l

RT: 12.14 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VY003565.D

Acq: 20 Nov 2020 14:20

Tgt Ion: 43 Resp: 42802

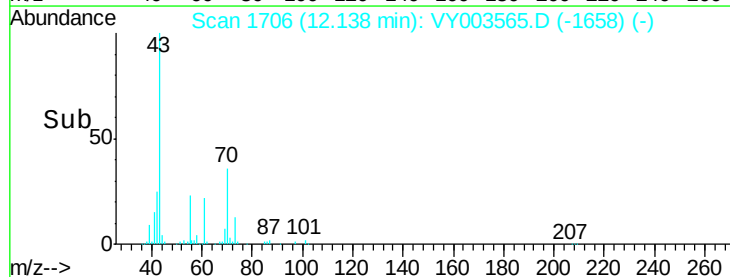
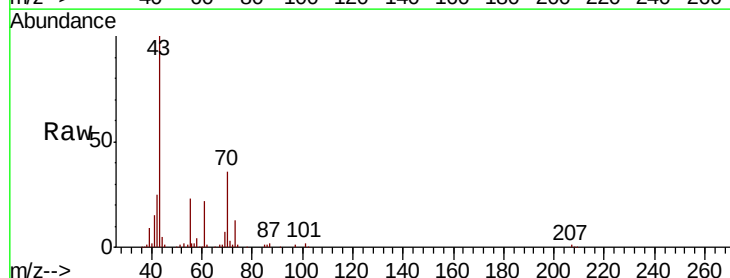
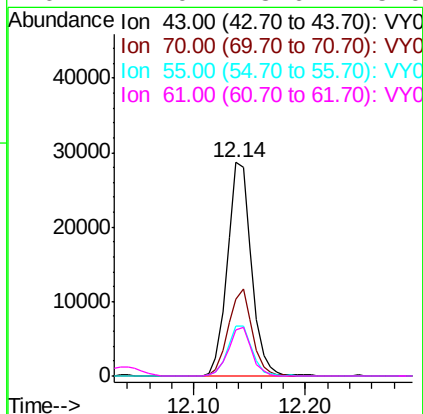
Ion Ratio Lower Upper

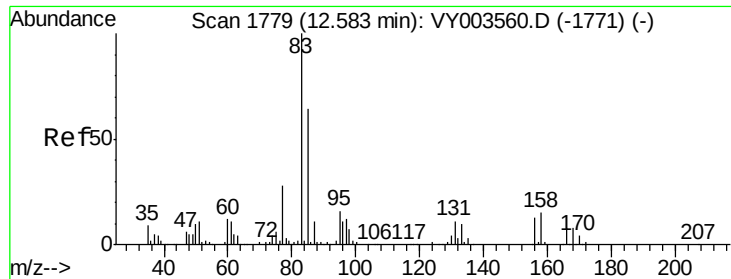
43 100

70 39.8 32.2 48.4

55 23.8 18.6 28.0

61 22.0 18.6 28.0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.823 ug/l

RT: 12.58 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VY003565.D

Acq: 20 Nov 2020 14:20

Instrument :

MSVOA_Y

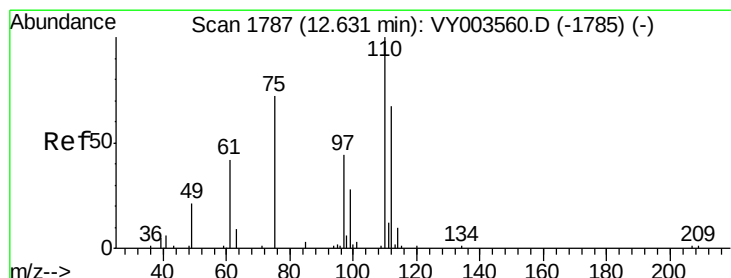
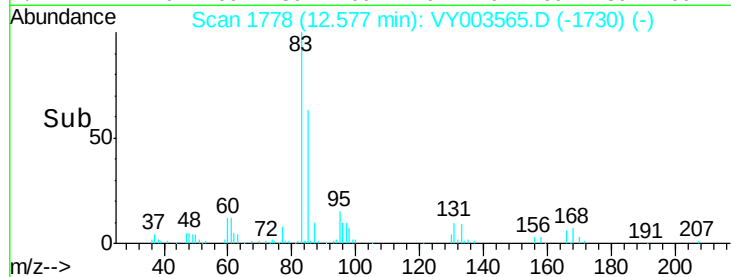
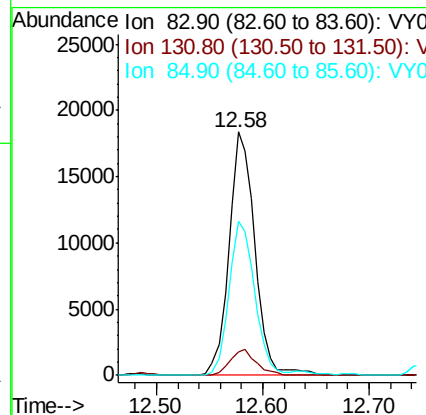
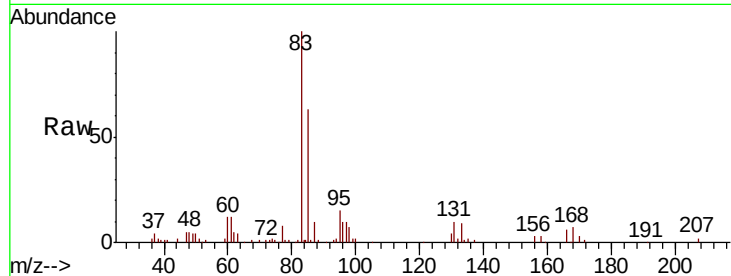
ClientSampleId :

VY1120SBS01

Tot Ion:	83	Resp:	31177
Ion Ratio	Lower	Upper	
83	100		
131	10.6	5.2	15.6
85	63.1	32.5	97.4

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 18.888 ug/l m

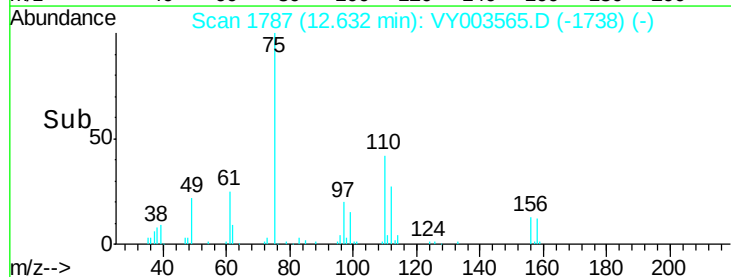
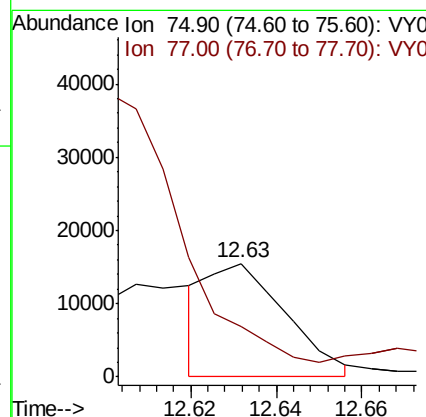
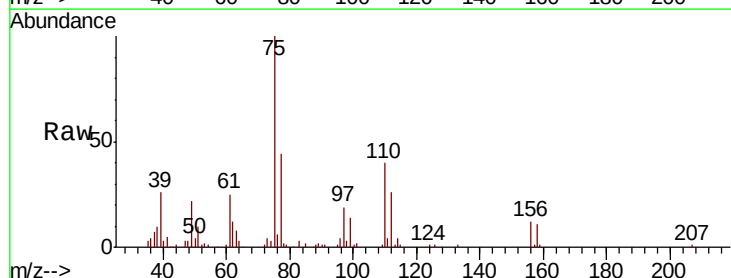
RT: 12.63 min Scan# 1787

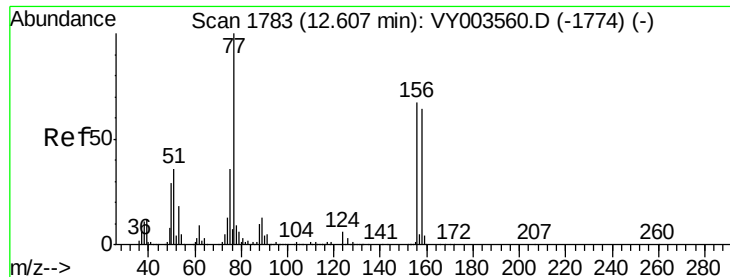
Delta R.T. 0.00 min

Lab File: VY003565.D

Acq: 20 Nov 2020 14:20

Tgt Ion:	75	Resp:	19780
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 20.723 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY003565.D

Acq: 20 Nov 2020 14:20

Instrument :

MSVOA_Y

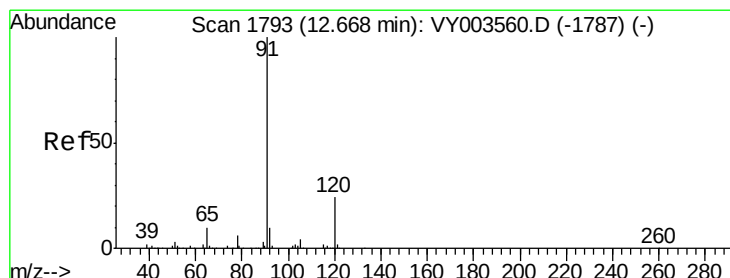
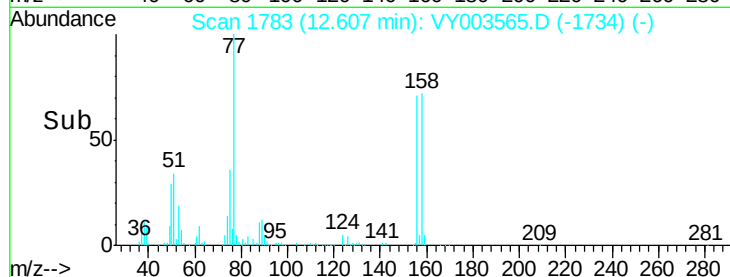
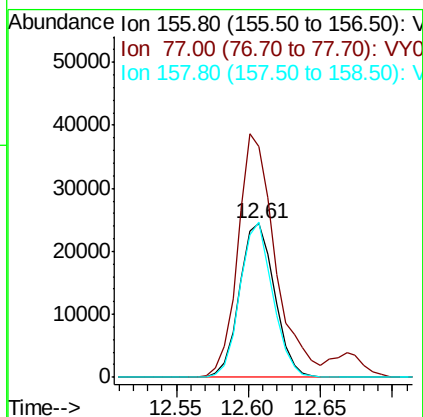
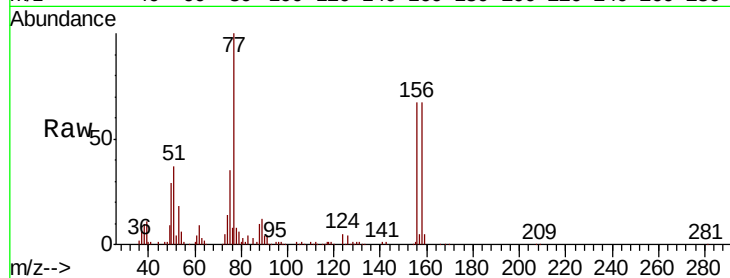
ClientSampleId :

VY1120SBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	169.8	85.7	257.1
158	94.6	48.8	146.4

Manual Integrations
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#78

n-propylbenzene

Concen: 20.340 ug/l

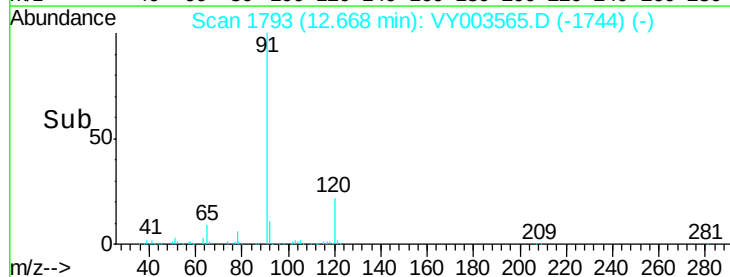
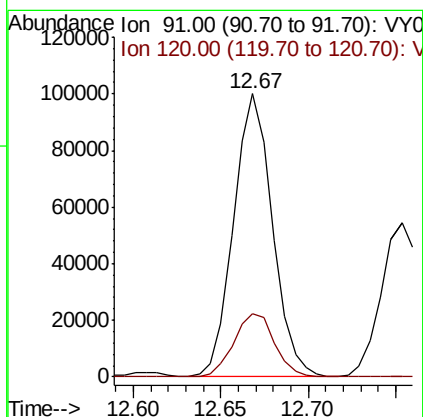
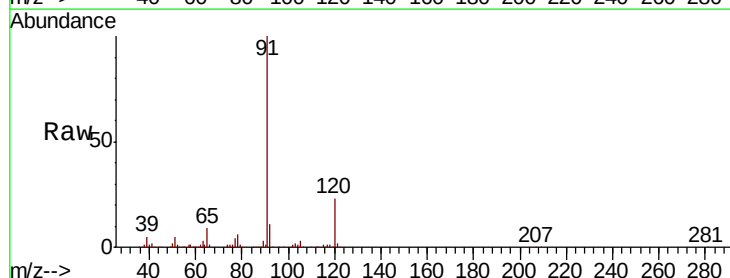
RT: 12.67 min Scan# 1793

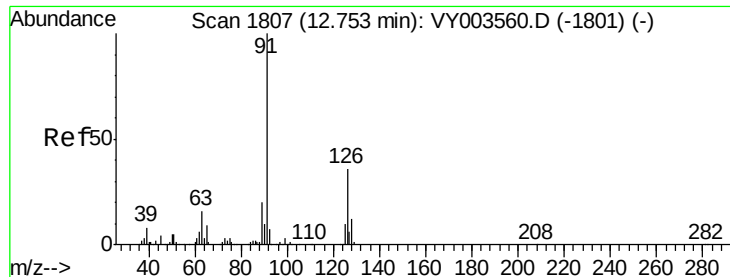
Delta R.T. 0.00 min

Lab File: VY003565.D

Acq: 20 Nov 2020 14:20

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.7	12.0	36.1





#79

2-Chlorotoluene

Concen: 20.558 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VY003565.D

Acq: 20 Nov 2020 14:20

Instrument :

MSVOA_Y

ClientSampleId :

VY1120SBS01

Tot Ion: 91 Resp: 89703

Ion Ratio Lower Upper

91 100

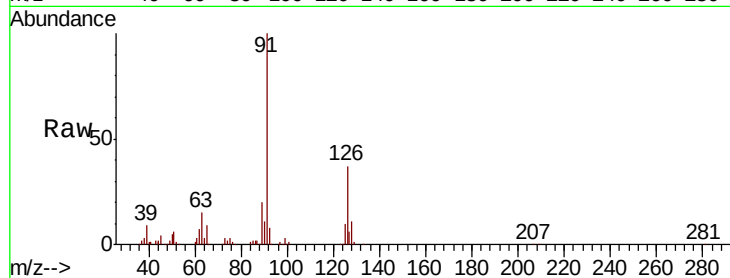
126 36.4 18.1 54.3

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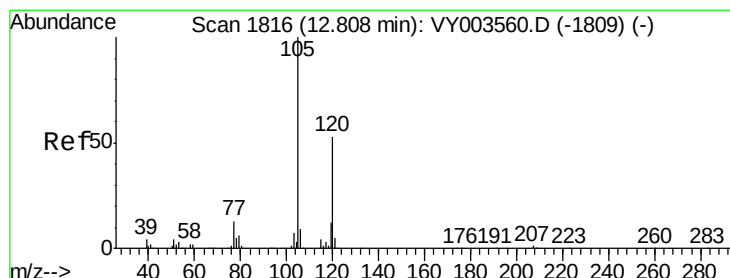
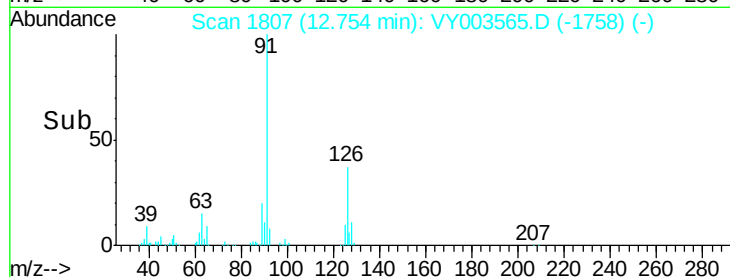


Abundance Ion 91.00 (90.70 to 91.70): VY003565.D (-1758) (-)

Ion 125.90 (125.60 to 126.60): VY003565.D (-1758) (-)

12.75

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 20.634 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. 0.00 min

Lab File: VY003565.D

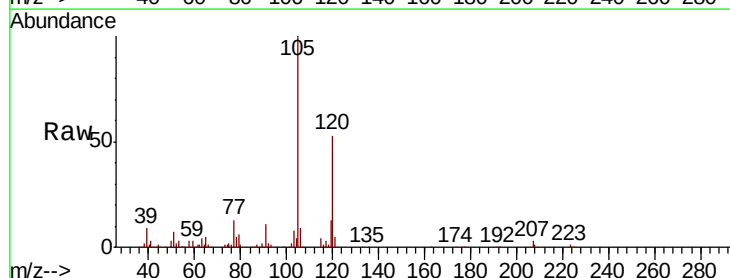
Acq: 20 Nov 2020 14:20

Tgt Ion: 105 Resp: 83446

Ion Ratio Lower Upper

105 100

120 52.6 26.3 78.8

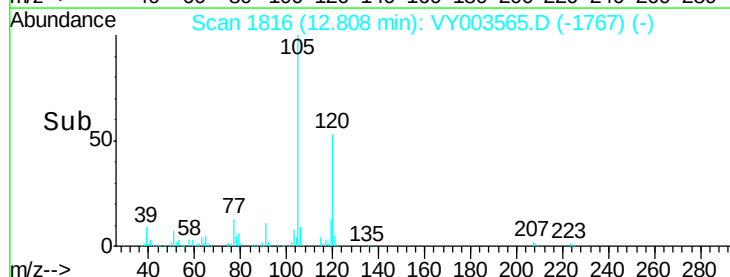


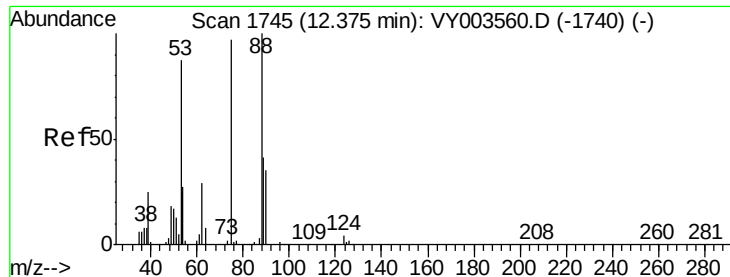
Abundance Ion 105.00 (104.70 to 105.70): VY003565.D (-1767) (-)

Ion 120.00 (119.70 to 120.70): VY003565.D (-1767) (-)

12.81

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 19.804 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VY003565.D

Acq: 20 Nov 2020 14:20

Instrument :

MSVOA_Y

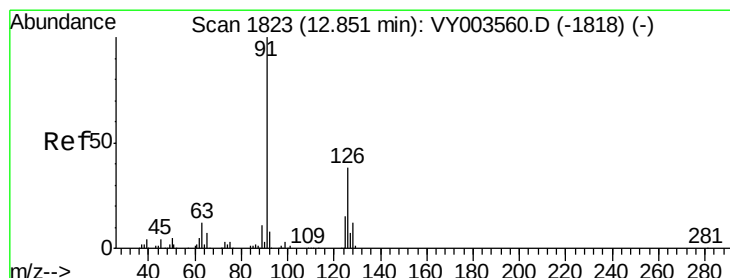
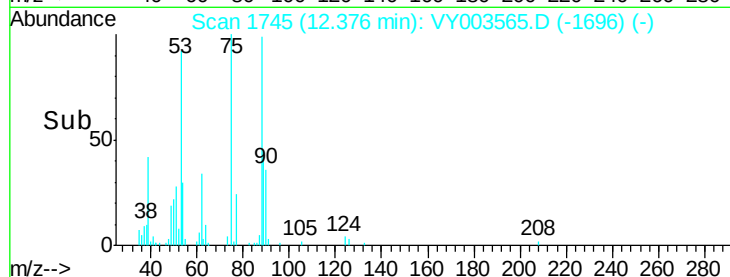
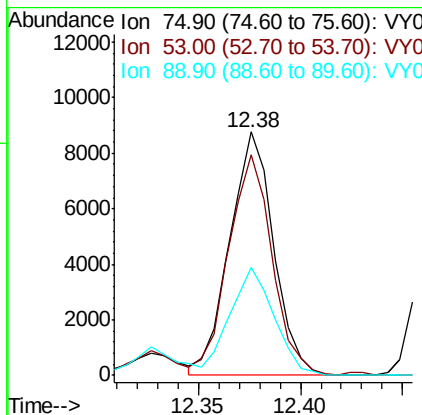
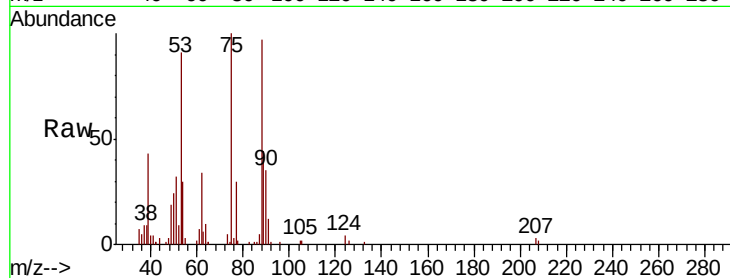
ClientSampleId :

VY1120SBS01

Tot Ion:	75	Resp:	13046
Ion	Ratio	Lower	Upper
75	100		
53	90.6	71.4	107.2
89	44.5	34.7	52.1

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#82

4-Chlorotoluene

Concen: 20.344 ug/l

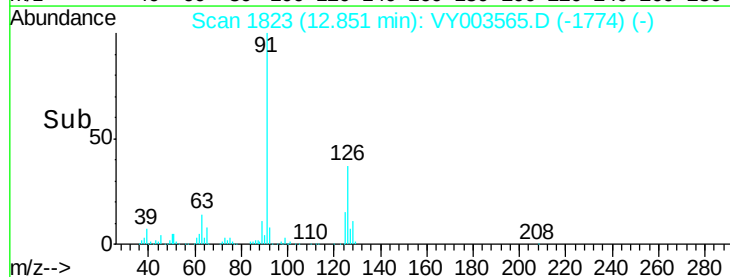
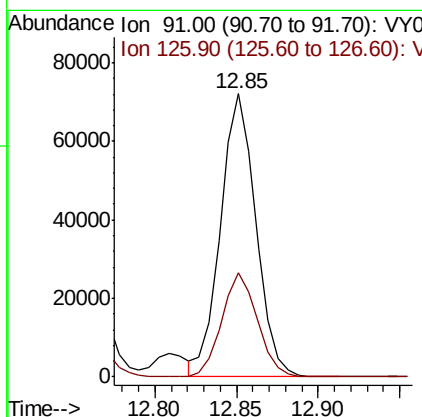
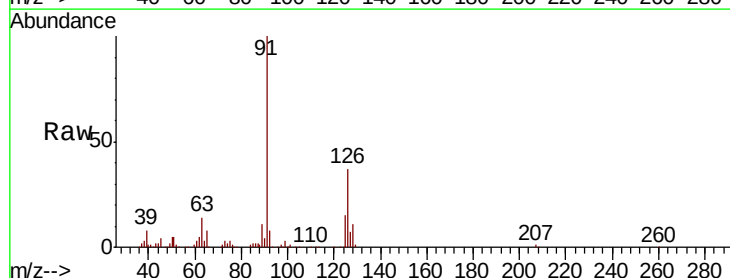
RT: 12.85 min Scan# 1823

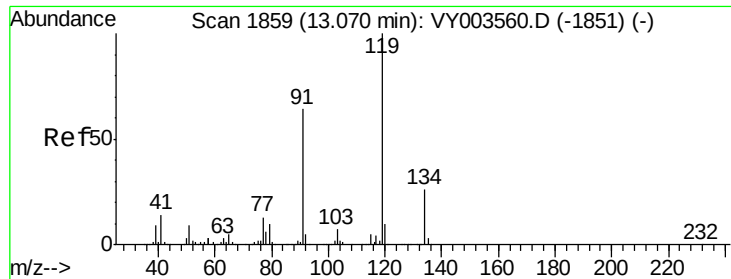
Delta R.T. 0.00 min

Lab File: VY003565.D

Acq: 20 Nov 2020 14:20

Tgt Ion:	91	Resp:	108759
Ion	Ratio	Lower	Upper
91	100		
126	37.0	18.1	54.3





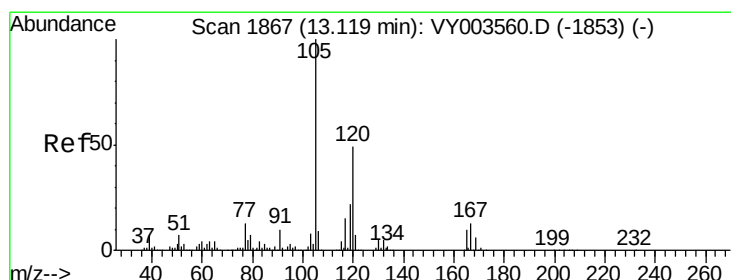
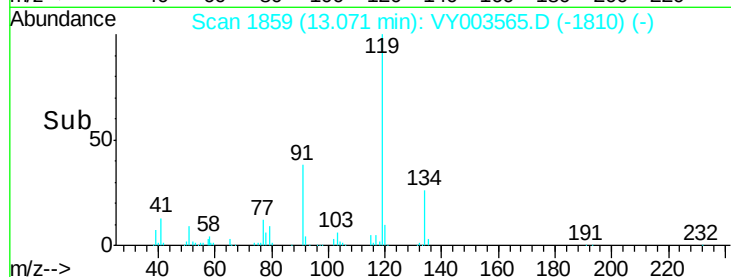
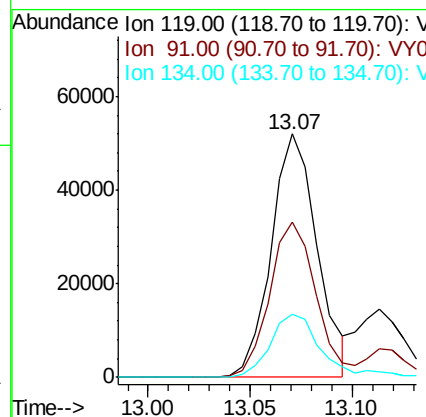
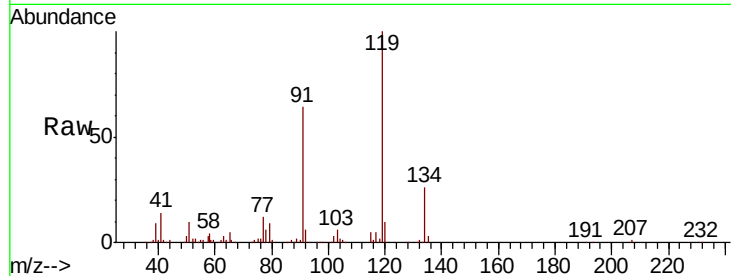
#83
tert-Butylbenzene
Concen: 19.994 ug/l
RT: 13.07 min Scan# 1859
Delta R.T. 0.00 min
Lab File: VY003565.D
Acq: 20 Nov 2020 14:20

Instrument :
MSVOA_Y
ClientSampleId :
VY1120SBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	64.6	31.8	95.3
134	29.0	14.1	42.2

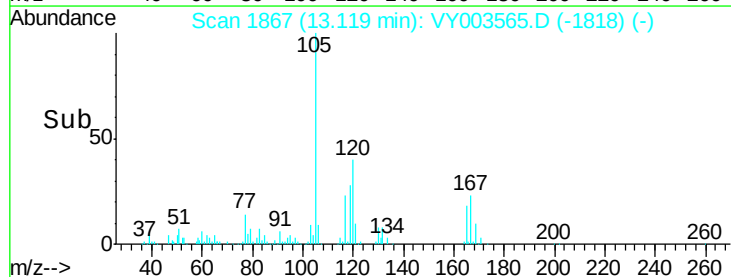
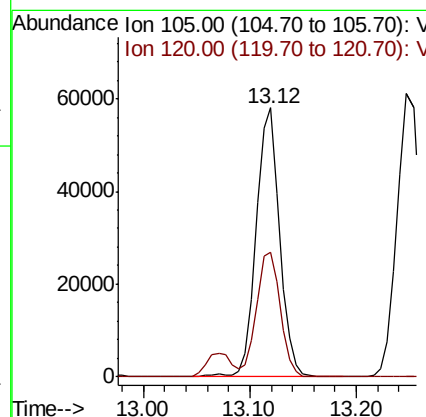
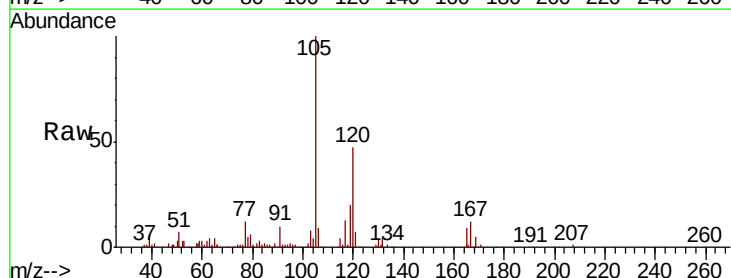
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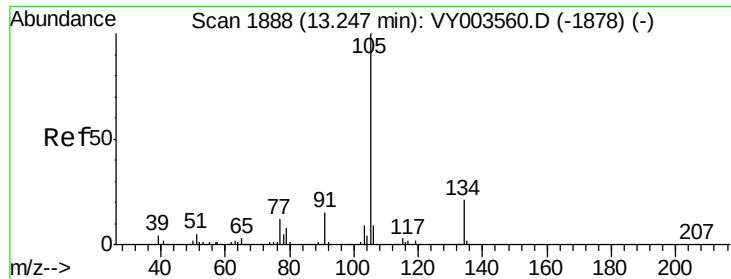
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#84
1,2,4-Trimethylbenzene
Concen: 20.803 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VY003565.D
Acq: 20 Nov 2020 14:20

Tgt Ion	Ratio	Lower	Upper
105	100		
120	47.3	23.8	71.4





#85

sec-Butylbenzene

Concen: 20.572 ug/l

RT: 13.25 min Scan# 1888

Delta R.T. 0.00 min

Lab File: VY003565.D

Acq: 20 Nov 2020 14:20

Instrument :

MSVOA_Y

ClientSampleId :

VY1120SBS01

Tot Ion:105 Resp: 95321

Ion Ratio Lower Upper

105 100

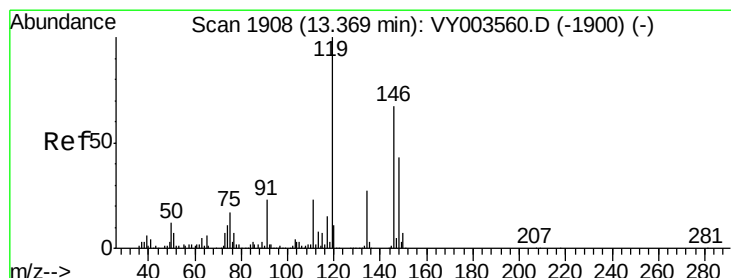
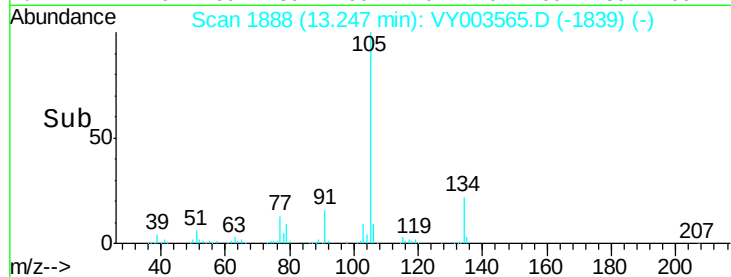
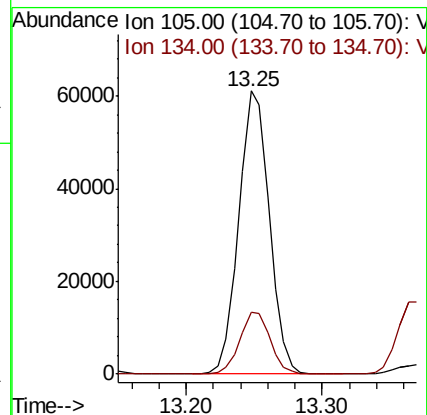
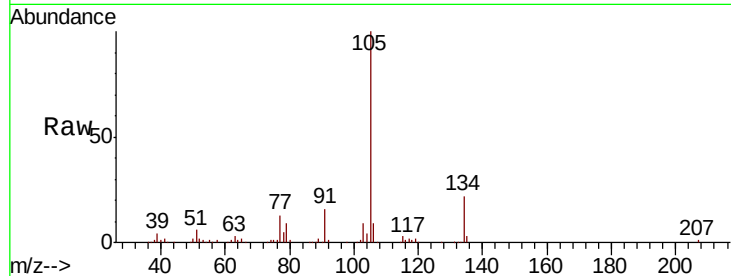
134 21.8 10.4 31.2

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#86

p-Isopropyltoluene

Concen: 21.165 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. -0.01 min

Lab File: VY003565.D

Acq: 20 Nov 2020 14:20

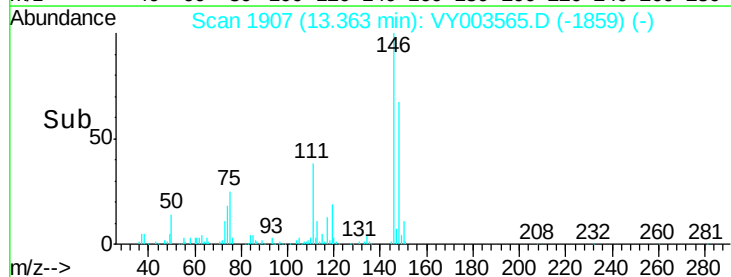
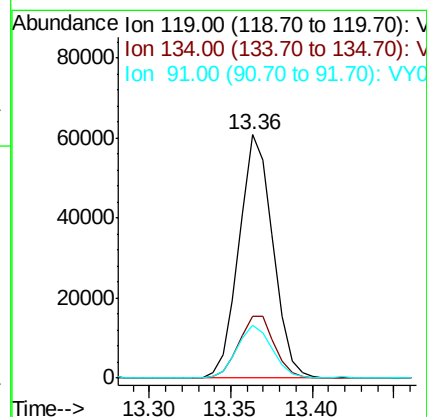
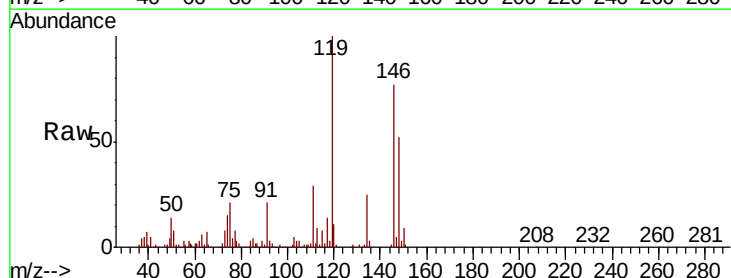
Tgt Ion:119 Resp: 87995

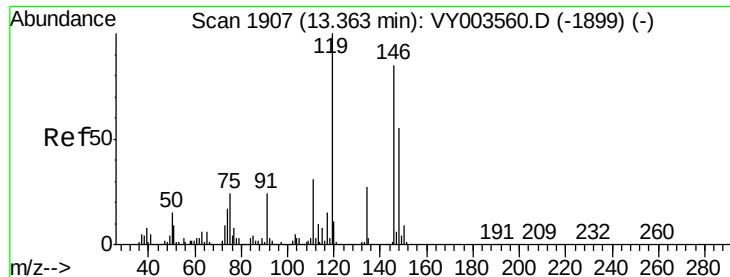
Ion Ratio Lower Upper

119 100

134 26.9 13.8 41.4

91 22.3 11.4 34.2





#87

1,3-Dichlorobenzene

Concen: 20.694 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. 0.00 min

Lab File: VY003565.D

Acq: 20 Nov 2020 14:20

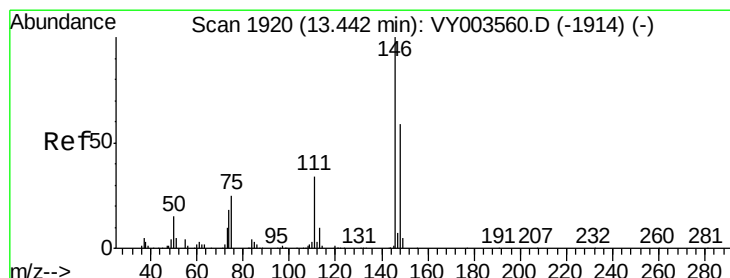
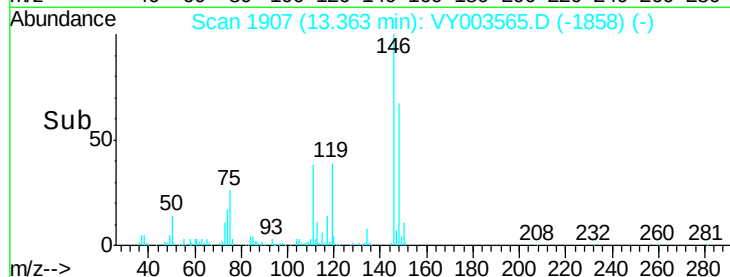
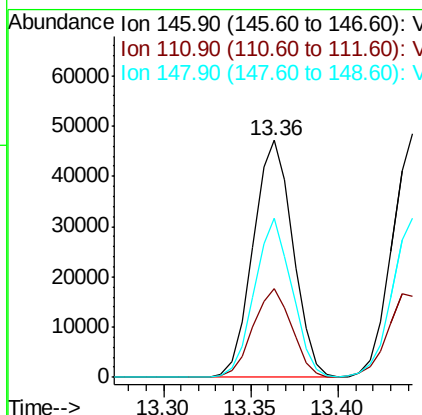
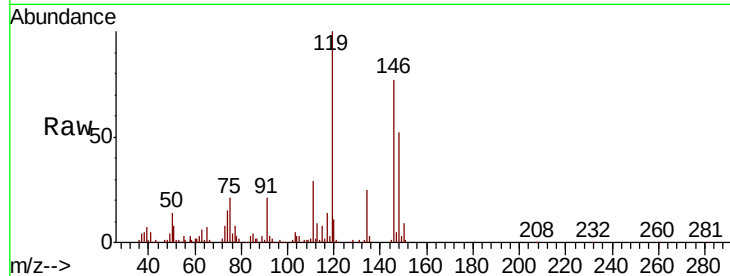
Instrument :
MSVOA_Y

ClientSampleId :
VY1120SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.5	18.3	54.9
148	63.2	31.9	95.7

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#88

1,4-Dichlorobenzene

Concen: 19.943 ug/l

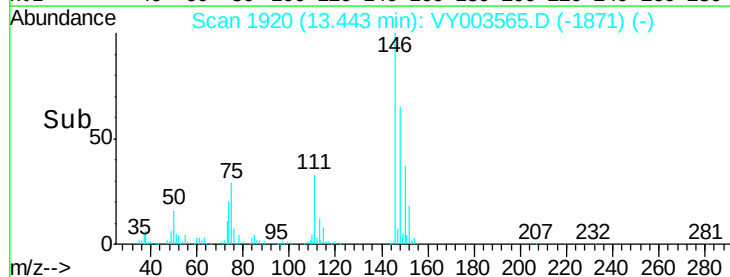
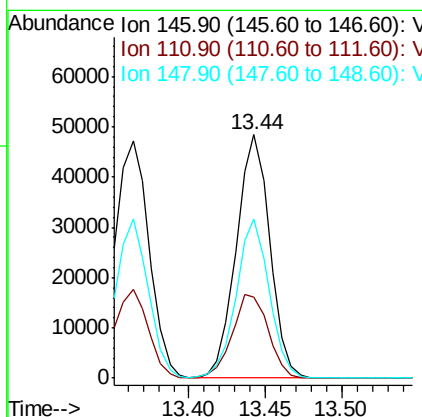
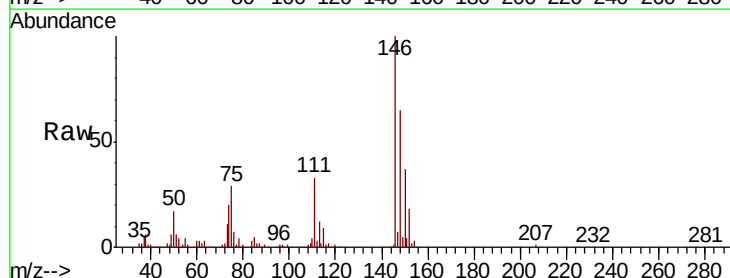
RT: 13.44 min Scan# 1920

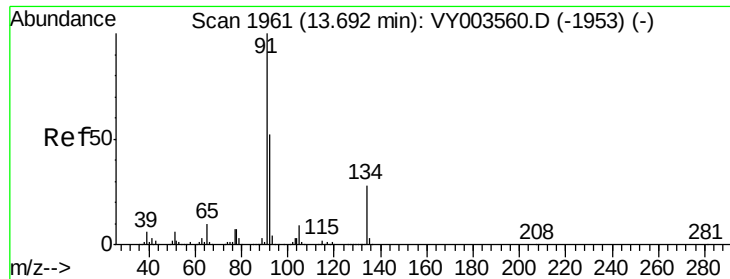
Delta R.T. 0.00 min

Lab File: VY003565.D

Acq: 20 Nov 2020 14:20

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.8	17.8	53.4
148	64.4	31.1	93.2





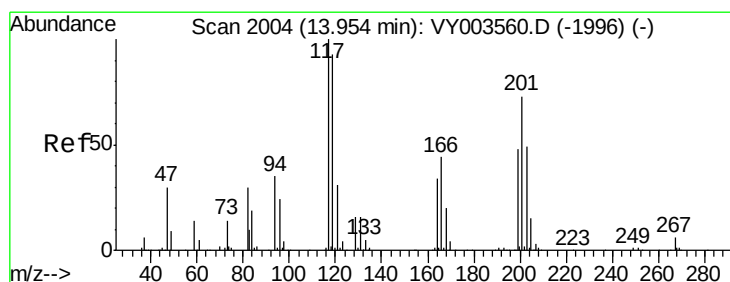
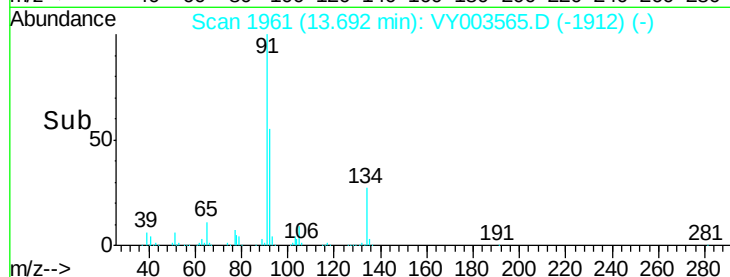
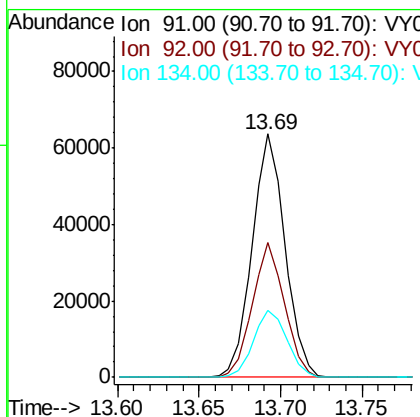
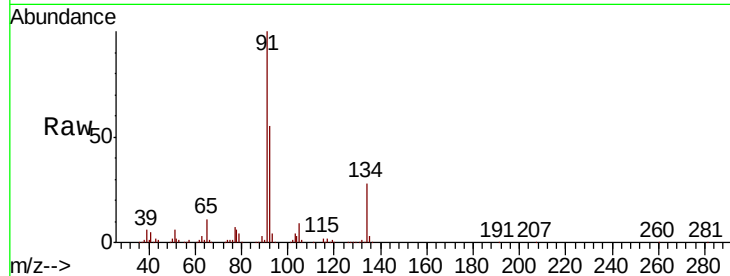
#89
n-Butylbenzene
Concen: 20.104 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. 0.00 min
Lab File: VY003565.D
Acq: 20 Nov 2020 14:20

Instrument :
MSVOA_Y
ClientSampleId :
VY1120SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.1	26.4	79.0
134	28.1	13.9	41.7

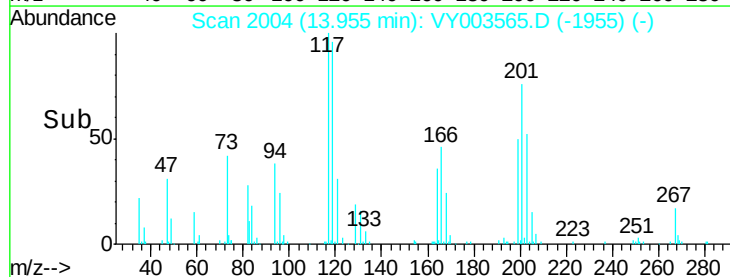
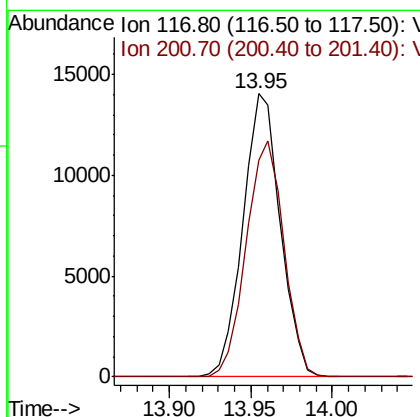
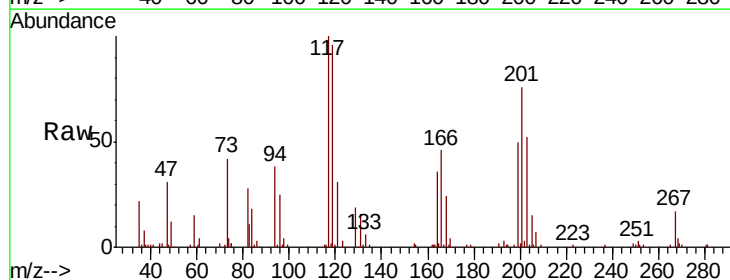
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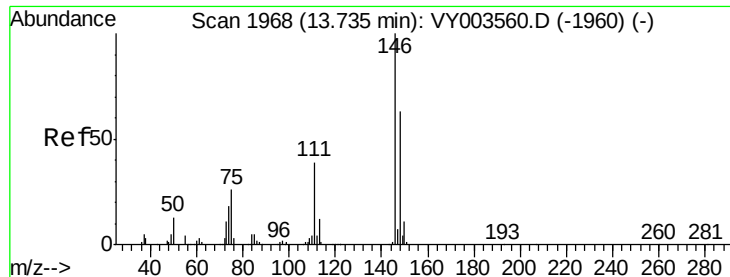
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#90
Hexachloroethane
Concen: 20.480 ug/l
RT: 13.95 min Scan# 2004
Delta R.T. 0.00 min
Lab File: VY003565.D
Acq: 20 Nov 2020 14:20

Tgt Ion	Ratio	Lower	Upper
117	100		
201	83.5	41.3	123.9





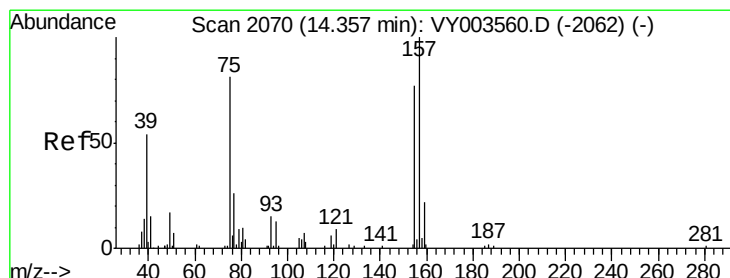
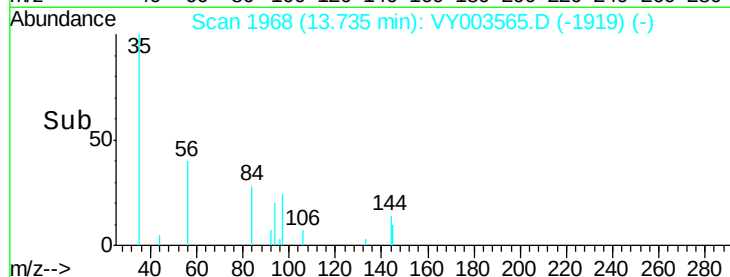
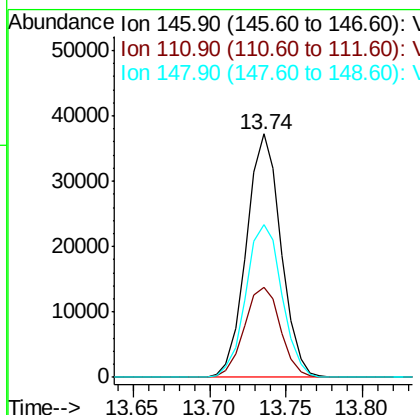
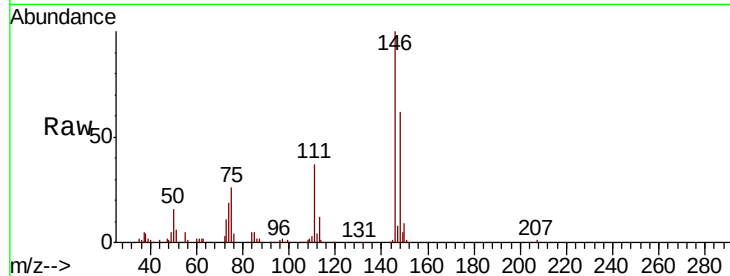
#91
 1,2-Dichlorobenzene
 Concen: 20.308 ug/l
 RT: 13.74 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VY003565.D
 Acq: 20 Nov 2020 14:20

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1120SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.7	18.9	56.5
148	65.4	31.9	95.7

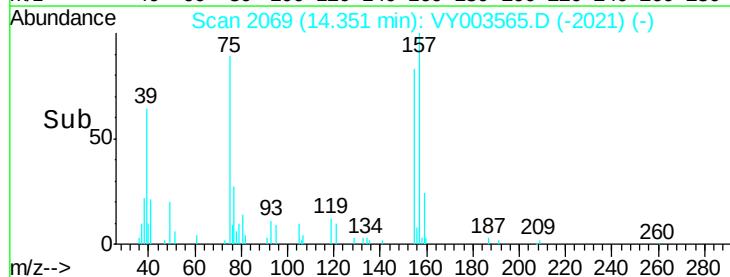
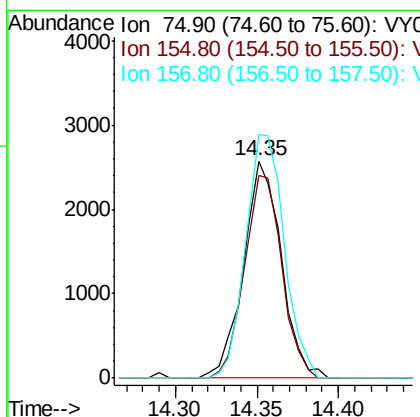
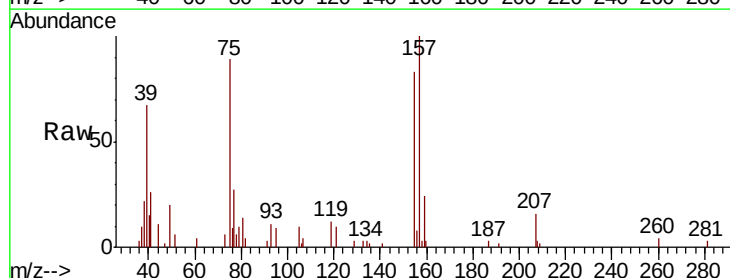
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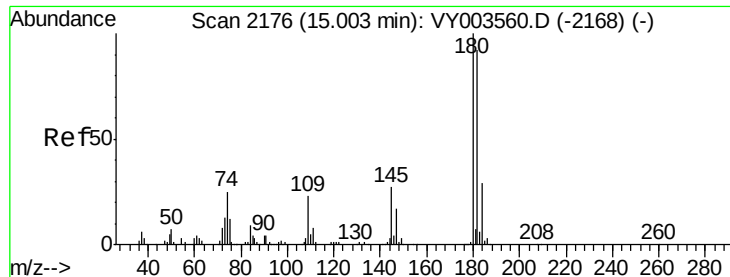
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.342 ug/l
 RT: 14.35 min Scan# 2069
 Delta R.T. -0.01 min
 Lab File: VY003565.D
 Acq: 20 Nov 2020 14:20

Tgt Ion	Ratio	Lower	Upper
75	100		
155	91.8	45.4	136.2
157	114.2	59.7	179.1





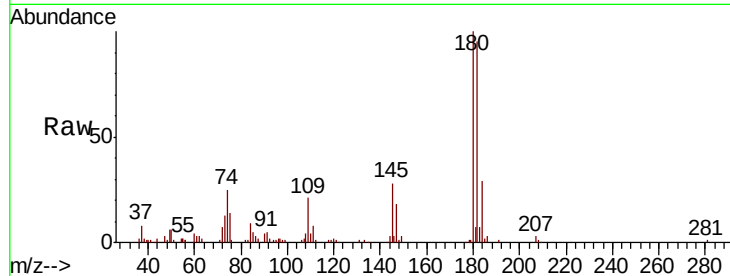
#93
 1,2,4-Trichlorobenzene
 Concen: 20.193 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VY003565.D
 Acq: 20 Nov 2020 14:20

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1120SBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.3	47.4	142.3
145	27.7	14.1	42.4

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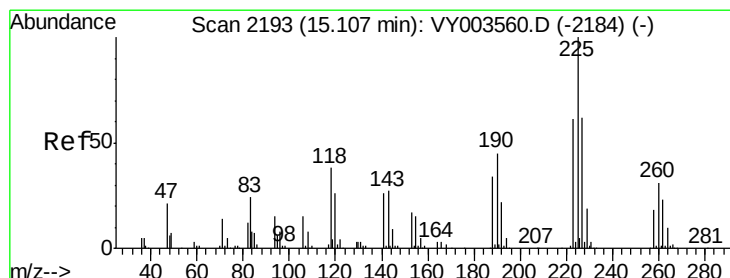
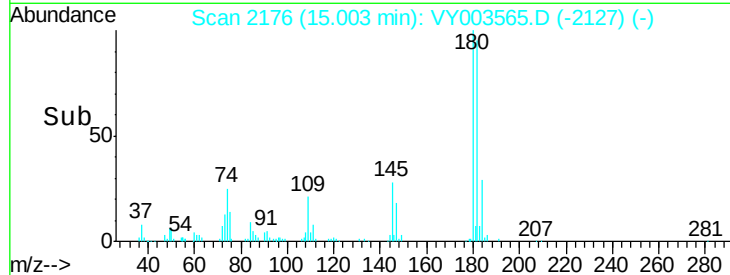
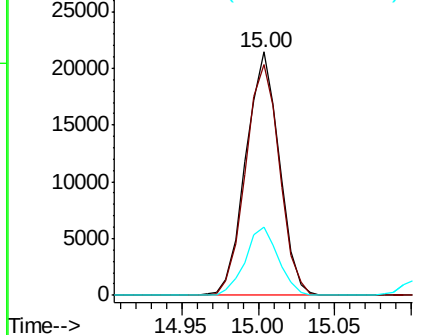


Abundance

Ion 179.80 (179.50 to 180.50): V

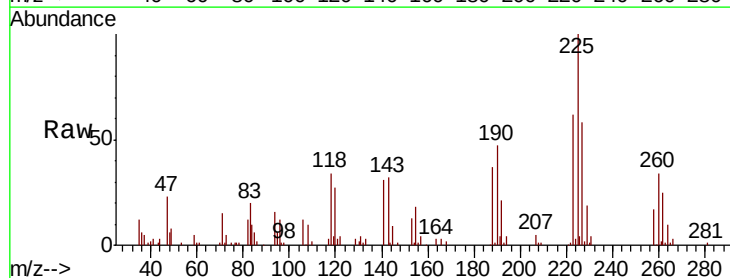
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 18.751 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. 0.00 min
 Lab File: VY003565.D
 Acq: 20 Nov 2020 14:20

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.6	32.0	96.0
227	65.8	31.6	94.7

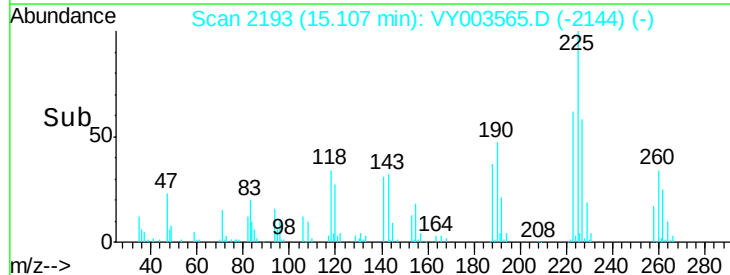
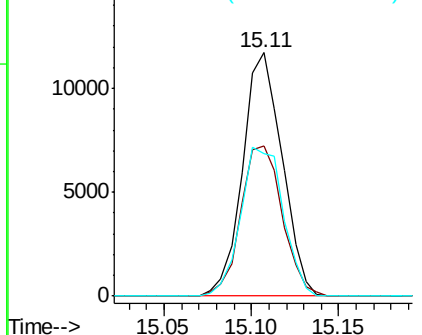


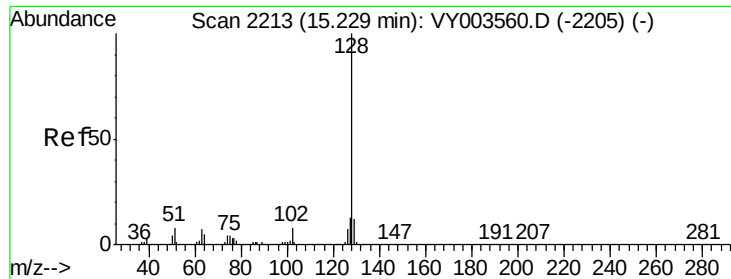
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





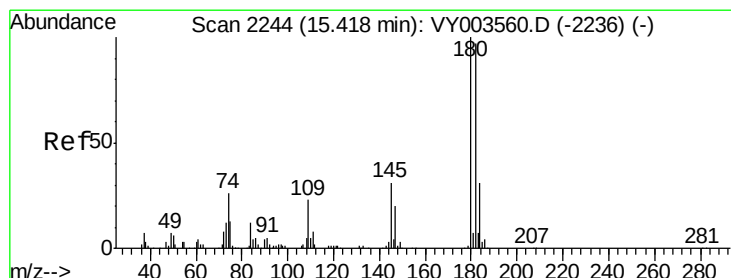
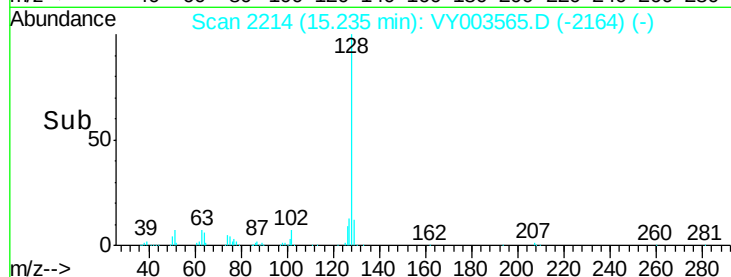
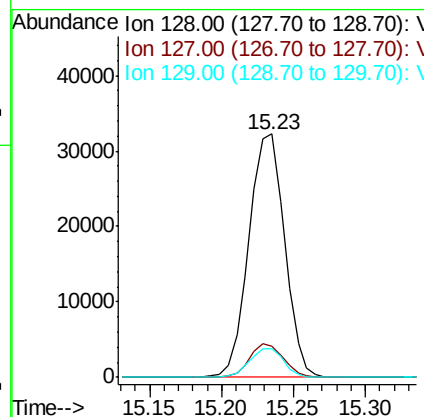
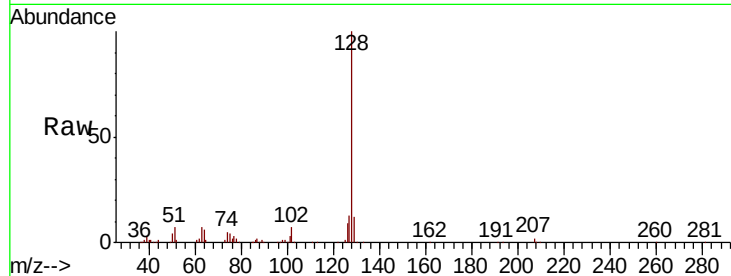
#95
Naphthalene
Concen: 20.097 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.01 min
Lab File: VY003565.D
Acq: 20 Nov 2020 14:20

Instrument :
MSVOA_Y
ClientSampleId :
VY1120SBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.3	15.5
129	11.2	9.0	13.4

Manual Integrations
APPROVED

MMDadoda
11/23/2020 1:39:36 PM



#96
1,2,3-Trichlorobenzene
Concen: 20.453 ug/l
RT: 15.42 min Scan# 2244
Delta R.T. 0.00 min
Lab File: VY003565.D
Acq: 20 Nov 2020 14:20

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.7	47.4	142.2
145	29.7	15.5	46.5

