

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY022420\
 Data File : VY001767.D
 Acq On : 24 Feb 2020 12:55
 Operator : SY/MD
 Sample : VY0224SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0224SBS01

Manual Integrations
 APPROVED

MMDadoda
 2/25/2020 10:53:59 AM

Quant Time: Feb 24 14:35:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 17 12:19:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	193946	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.70	114	343894	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.49	117	312637	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.43	152	142588	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	102884	49.32	ug/l	-0.02
Spiked Amount			Recovery	=		98.64%
35) Dibromofluoromethane	7.73	113	92128	46.77	ug/l	-0.02
Spiked Amount			Recovery	=		93.54%
50) Toluene-d8	10.18	98	384398	49.81	ug/l	-0.01
Spiked Amount			Recovery	=		99.62%
62) 4-Bromofluorobenzene	12.49	95	135611	45.24	ug/l	0.00
Spiked Amount			Recovery	=		90.48%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	31600	16.715	ug/l	100
3) Chloromethane	2.12	50	46738	18.380	ug/l	97
4) Vinyl Chloride	2.26	62	44698	17.428	ug/l	97
5) Bromomethane	2.65	94	29264	18.256	ug/l	96
6) Chloroethane	2.80	64	28527	18.050	ug/l	97
7) Trichlorofluoromethane	3.13	101	62099	18.918	ug/l	99
8) Diethyl Ether	3.54	74	25690	19.852	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.91	101	41209	19.973	ug/l	96
10) Methyl Iodide	4.10	142	42893	16.987	ug/l	99
11) Tert butyl alcohol	4.96	59	34275	129.626	ug/l #	84
12) 1,1-Dichloroethene	3.88	96	40890	19.431	ug/l	96
13) Acrolein	3.74	56	19443	92.281	ug/l	99
14) Allyl chloride	4.49	41	74506	19.894	ug/l	96
15) Acrylonitrile	5.19	53	67497	101.759	ug/l	99
16) Acetone	3.96	43	61638	85.390	ug/l	98
17) Carbon Disulfide	4.21	76	126747	18.041	ug/l	98
18) Methyl Acetate	4.50	43	33928	21.583	ug/l	96
19) Methyl tert-butyl Ether	5.24	73	112917	19.273	ug/l	98
20) Methylene Chloride	4.73	84	50018	19.508	ug/l	97
21) trans-1,2-Dichloroethene	5.24	96	45551	18.972	ug/l	99
22) Diisopropyl ether	6.13	45	151567	19.707	ug/l	98
23) Vinyl Acetate	6.08	43	485311	96.737	ug/l	98
24) 1,1-Dichloroethane	6.04	63	81224	19.759	ug/l	99
25) 2-Butanone	7.00	43	92194	94.019	ug/l	96
26) 2,2-Dichloropropane	6.99	77	67825	18.965	ug/l	99
27) cis-1,2-Dichloroethene	7.00	96	51295	19.355	ug/l	100
28) Bromochloromethane	7.35	49	32037	18.709	ug/l	97
29) Tetrahydrofuran	7.36	42	58747	99.120	ug/l	97
30) Chloroform	7.52	83	75975	18.915	ug/l	97
31) Cyclohexane	7.79	56	84830	19.355	ug/l	98
32) 1,1,1-Trichloroethane	7.71	97	63950	18.944	ug/l	99
36) 1,1-Dichloropropene	7.93	75	62792	19.116	ug/l	99
37) Ethyl Acetate	7.09	43	38109	19.438	ug/l	97
38) Carbon Tetrachloride	7.91	117	55273	19.157	ug/l	97

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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)
39) Methylcyclohexane	9.19	83	83645	19.194	ug/l	98
40) Benzene	8.17	78	187264	19.384	ug/l	100
41) Methacrylonitrile	7.34	41	23170m	23.537	ug/l	
42) 1,2-Dichloroethane	8.25	62	51596	19.604	ug/l	98
43) Isopropyl Acetate	8.28	43	71503	19.222	ug/l	100
44) Trichloroethene	8.95	130	45531	18.879	ug/l	98
45) 1,2-Dichloropropane	9.22	63	47548	19.652	ug/l	99
46) Dibromomethane	9.32	93	24627	19.461	ug/l	99
47) Bromodichloromethane	9.50	83	57598	18.859	ug/l	99
48) Methyl methacrylate	9.30	41	32698	19.436	ug/l	99
49) 1,4-Dioxane	9.30	88	6917	386.995	ug/l	94
51) 4-Methyl-2-Pentanone	10.08	43	189972	99.397	ug/l	99
52) Toluene	10.25	92	115631	19.188	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	64368	19.064	ug/l	99
54) cis-1,3-Dichloropropene	9.94	75	75362	19.393	ug/l	97
55) 1,1,2-Trichloroethane	10.65	97	36471	19.545	ug/l	94
56) Ethyl methacrylate	10.51	69	52797	18.861	ug/l	96
57) 1,3-Dichloropropane	10.80	76	65244	19.678	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.79	63	144014	127.422	ug/l	100
59) 2-Hexanone	10.83	43	135200	94.279	ug/l	98
60) Dibromochloromethane	10.99	129	38631	18.778	ug/l	98
61) 1,2-Dibromoethane	11.10	107	33981	19.260	ug/l	98
64) Tetrachloroethene	10.72	164	36871	18.787	ug/l	98
65) Chlorobenzene	11.52	112	118202	18.937	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	39418	18.721	ug/l	99
67) Ethyl Benzene	11.60	91	222525	19.211	ug/l	99
68) m/p-Xylenes	11.70	106	163980	37.898	ug/l	100
69) o-Xylene	12.03	106	77916	18.941	ug/l	97
70) Styrene	12.05	104	134119	18.761	ug/l	99
71) Bromoform	12.21	173	22122	18.385	ug/l #	97
73) Isopropylbenzene	12.33	105	208958	19.236	ug/l	100
74) N-amyl acetate	12.14	43	66656	19.227	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.58	83	45370	19.561	ug/l	97
76) 1,2,3-Trichloropropane	12.63	75	34783m	21.265	ug/l	
77) Bromobenzene	12.61	156	45469	19.309	ug/l	98
78) n-propylbenzene	12.67	91	259951	19.649	ug/l	99
79) 2-Chlorotoluene	12.76	91	145324	19.585	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	175076	19.470	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	16241	18.838	ug/l	96
82) 4-Chlorotoluene	12.86	91	150192	19.192	ug/l	99
83) tert-Butylbenzene	13.08	119	146090	19.426	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	173404	19.343	ug/l	100
85) sec-Butylbenzene	13.25	105	217432	19.658	ug/l	100
86) p-Isopropyltoluene	13.37	119	189410	19.712	ug/l	99
87) 1,3-Dichlorobenzene	13.37	146	87778	19.220	ug/l	98
88) 1,4-Dichlorobenzene	13.45	146	87201	18.889	ug/l	98
89) n-Butylbenzene	13.70	91	194332	19.793	ug/l	99
90) Hexachloroethane	13.96	117	34097	18.834	ug/l	96
91) 1,2-Dichlorobenzene	13.74	146	79884	18.954	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	7485	19.554	ug/l	91

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MSVOA_Y
ClientSampleId :
VY0224SBSD01

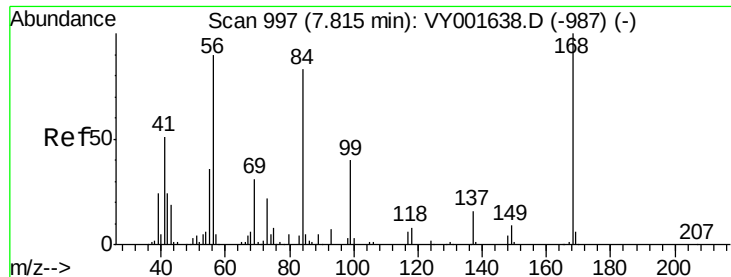
Manual Integrations
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Quant Title : SW846 8260
QLast Update : Mon Feb 17 12:19:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	51661	18.497	ug/l	98
94) Hexachlorobutadiene	15.11	225	26309	18.941	ug/l	96
95) Naphthalene	15.24	128	118760	18.442	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	46335	18.857	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.01 min

Lab File: VY001767.D

Acq: 24 Feb 2020 12:55

Instrument :

MSVOA_Y

ClientSampleId :

VY0224SBS01

Tot Ion:168 Resp: 193946

Ion Ratio Lower Upper

168 100

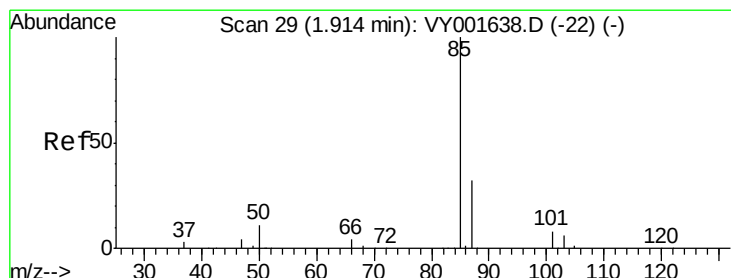
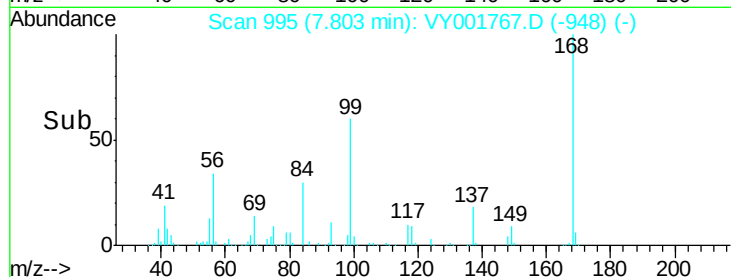
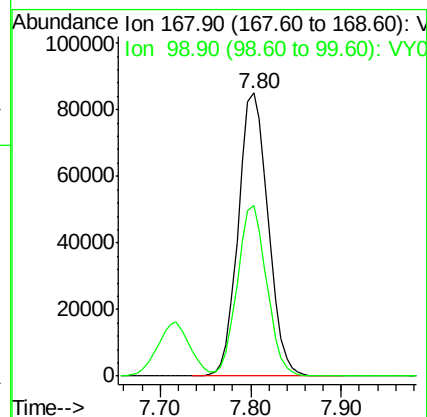
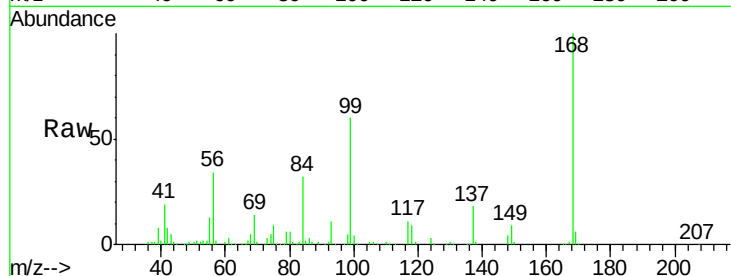
99 60.3 47.5 71.3

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#2

Dichlorodifluoromethane

Concen: 16.715 ug/l

RT: 1.91 min Scan# 28

Delta R.T. -0.01 min

Lab File: VY001767.D

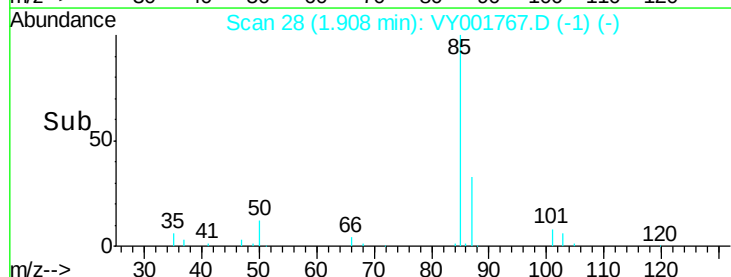
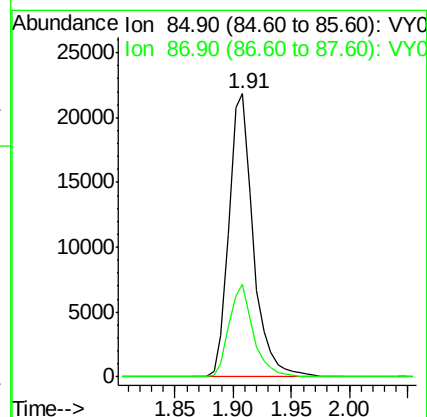
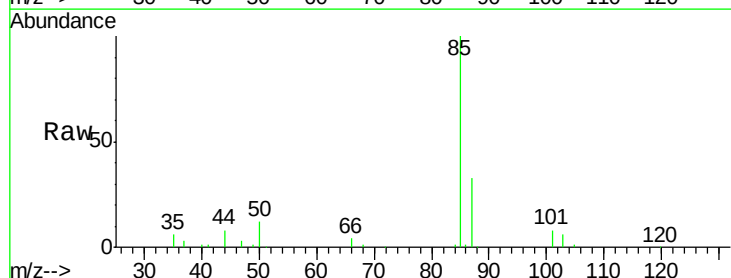
Acq: 24 Feb 2020 12:55

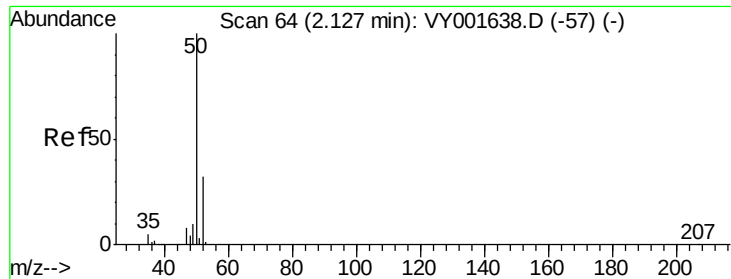
Tgt Ion: 85 Resp: 31600

Ion Ratio Lower Upper

85 100

87 32.6 16.2 48.6





#3

Chloromethane

Concen: 18.380 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.01 min

Lab File: VY001767.D

Acq: 24 Feb 2020 12:55

Instrument :

MSVOA_Y

ClientSampleId :

VY0224SBS01

Tot Ion: 50 Resp: 46738

Ion Ratio Lower Upper

50 100

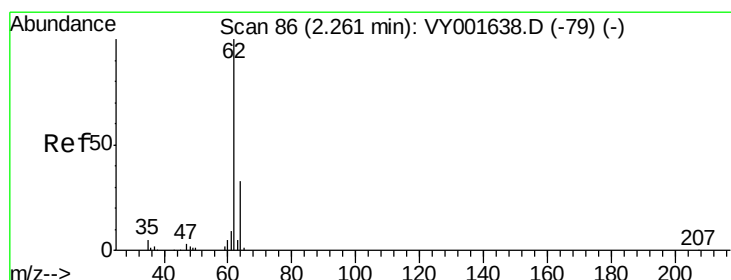
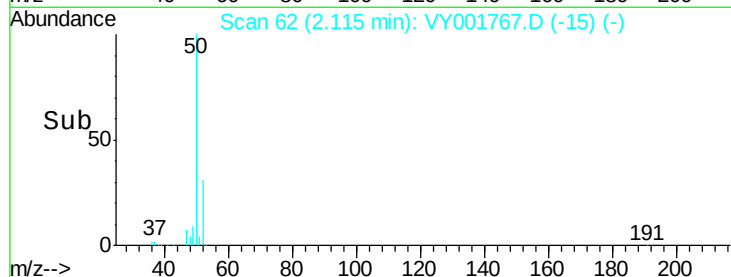
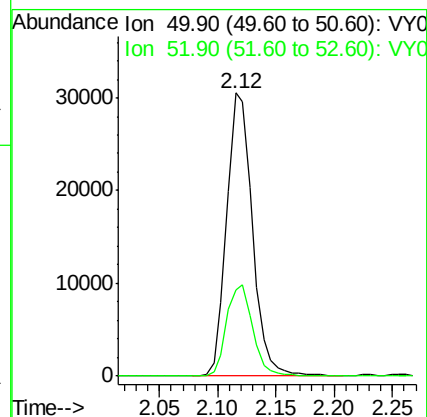
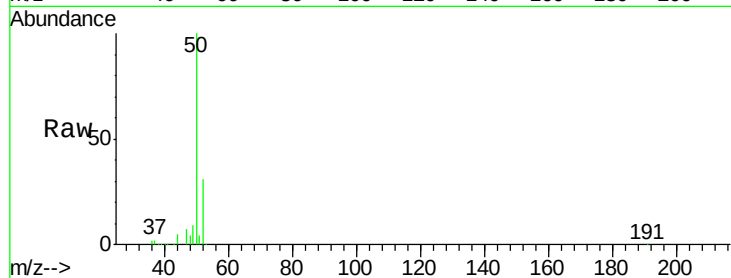
52 30.7 25.8 38.6

Manual Integrations

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#4

Vinyl Chloride

Concen: 17.428 ug/l

RT: 2.26 min Scan# 85

Delta R.T. -0.01 min

Lab File: VY001767.D

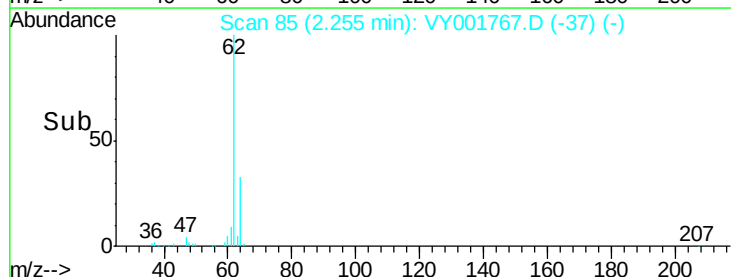
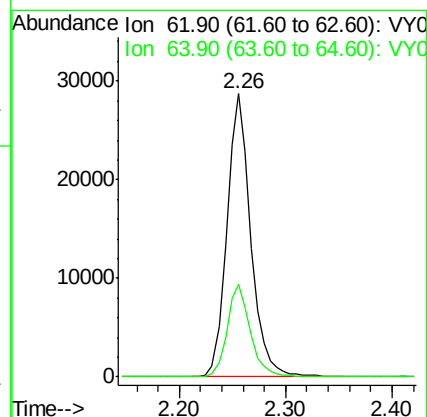
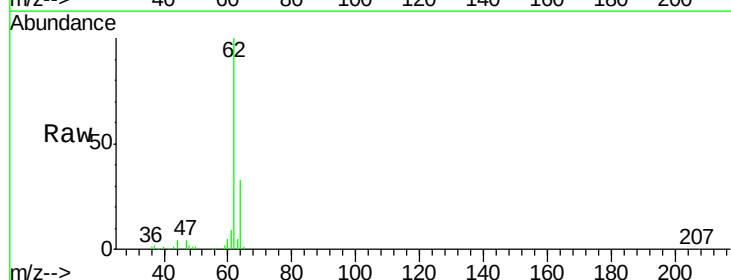
Acq: 24 Feb 2020 12:55

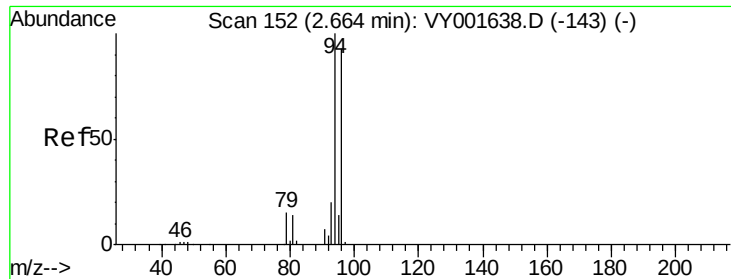
Tgt Ion: 62 Resp: 44698

Ion Ratio Lower Upper

62 100

64 32.6 24.9 37.3





#5

Bromomethane

Concen: 18.256 ug/l

RT: 2.65 min Scan# 149

Delta R.T. -0.02 min

Lab File: VY001767.D

Acq: 24 Feb 2020 12:55

Instrument :

MSVOA_Y

ClientSampleId :

VY0224SBS01

Tot Ion: 94 Resp: 29264

Ion Ratio Lower Upper

94 100

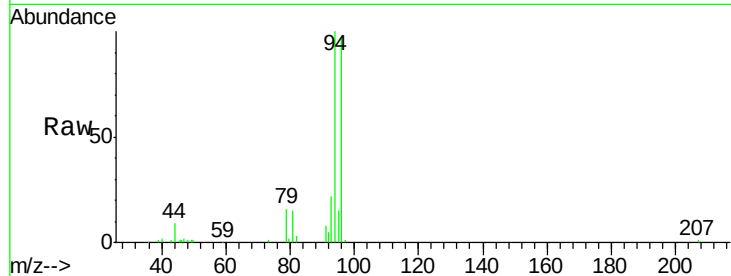
96 96.4 73.7 110.5

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0

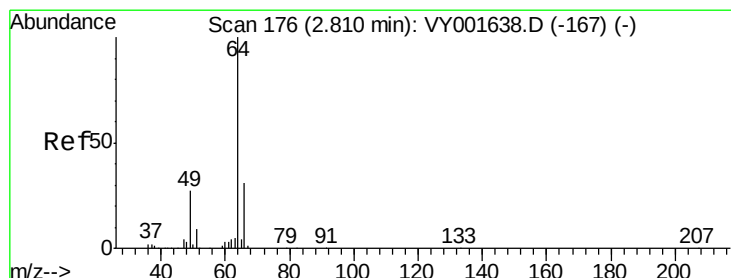
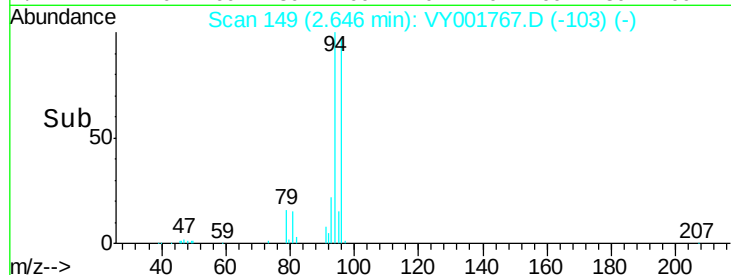
15000

10000

5000

0

Time-->



#6

Chloroethane

Concen: 18.050 ug/l

RT: 2.80 min Scan# 174

Delta R.T. -0.01 min

Lab File: VY001767.D

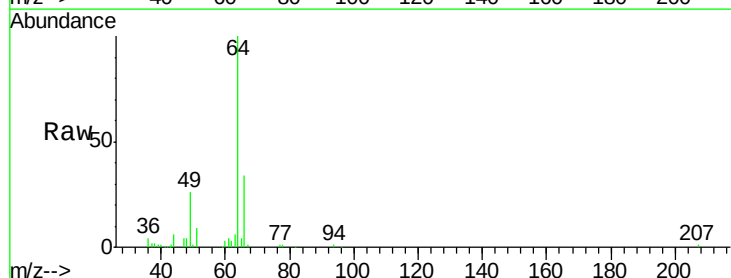
Acq: 24 Feb 2020 12:55

Tgt Ion: 64 Resp: 28527

Ion Ratio Lower Upper

64 100

66 33.6 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0

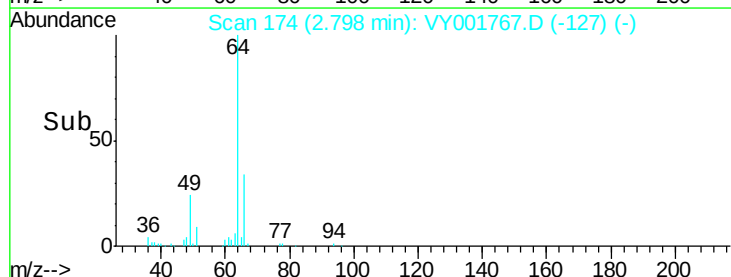
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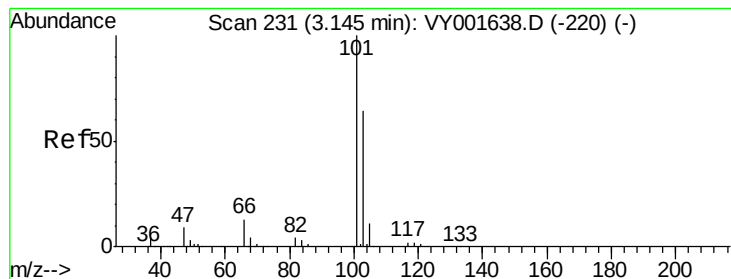
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5000

0

Time-->





#7

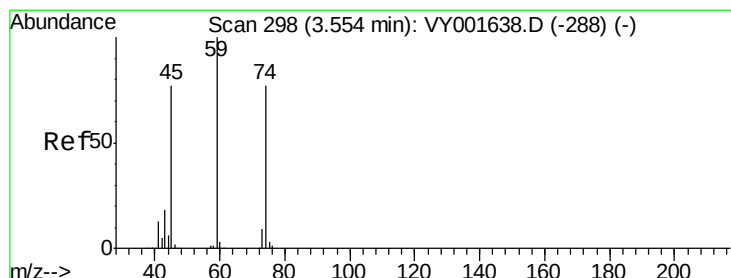
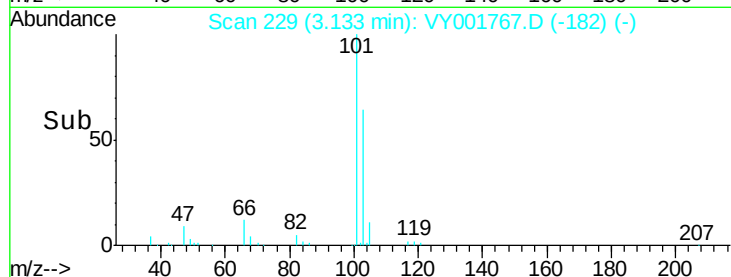
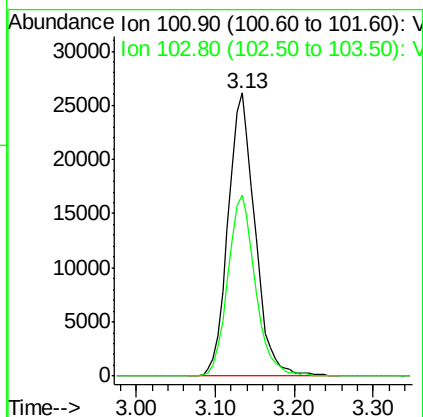
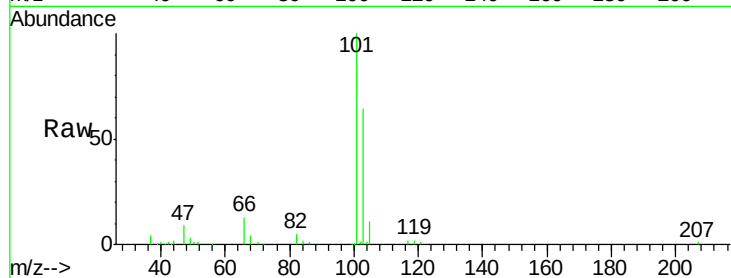
Trichlorofluoromethane
 Concen: 18.918 ug/l
 RT: 3.13 min Scan# 229
 Delta R.T. -0.01 min
 Lab File: VY001767.D
 Acq: 24 Feb 2020 12:55

Instrument :
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 ClientSampleId :
 VY0224SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.2	52.2	78.2

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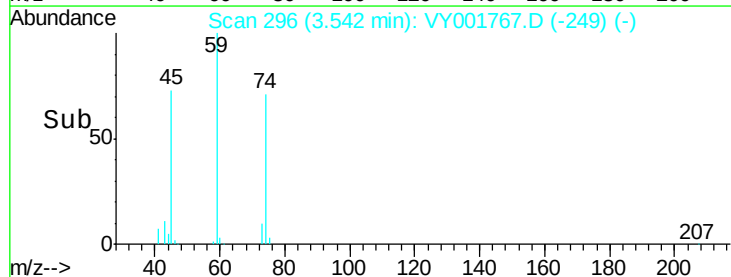
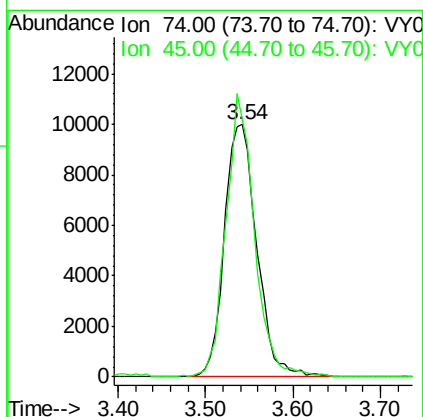
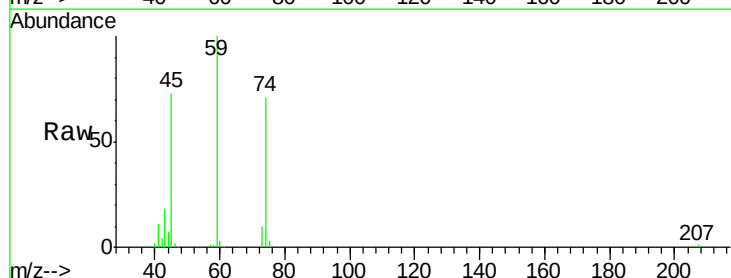
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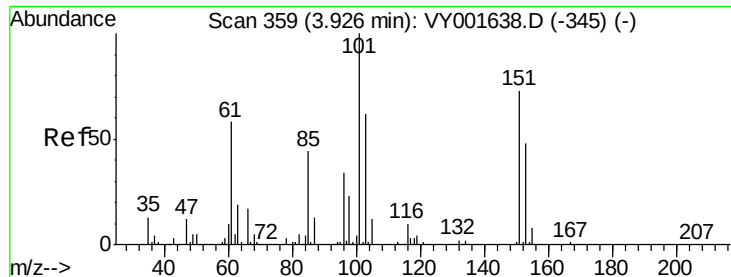


#8

Diethyl Ether
 Concen: 19.852 ug/l
 RT: 3.54 min Scan# 296
 Delta R.T. -0.01 min
 Lab File: VY001767.D
 Acq: 24 Feb 2020 12:55

Tgt Ion	Ratio	Lower	Upper
74	100		
45	99.6	49.6	148.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.973 ug/l

RT: 3.91 min Scan# 357

Delta R.T. -0.01 min

Lab File: VY001767.D

Acq: 24 Feb 2020 12:55

Instrument :

MSVOA_Y

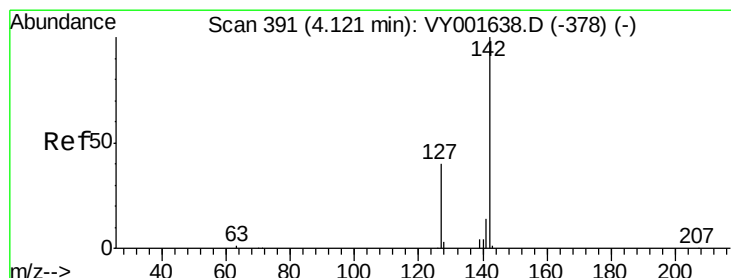
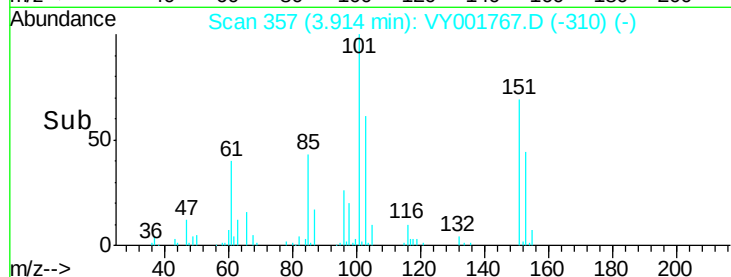
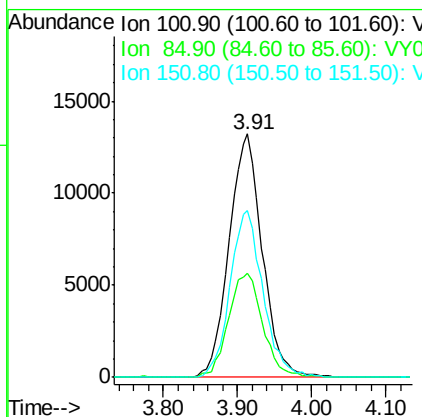
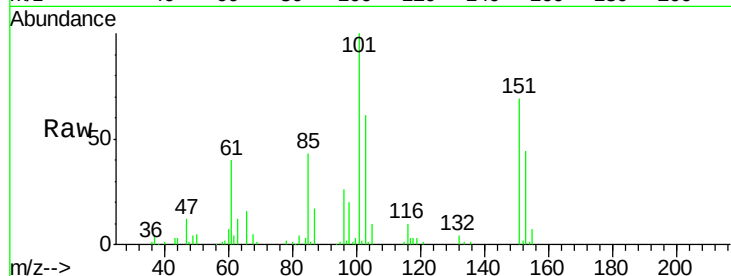
ClientSampleId :

VY0224SBS01

Tot Ion:	101	Resp:	41209
Ion Ratio	Lower	Upper	
101	100		
85	44.3	35.1	52.7
151	68.1	58.4	87.6

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#10

Methyl Iodide

Concen: 16.987 ug/l

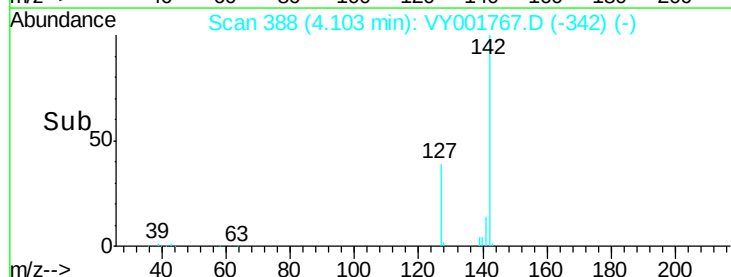
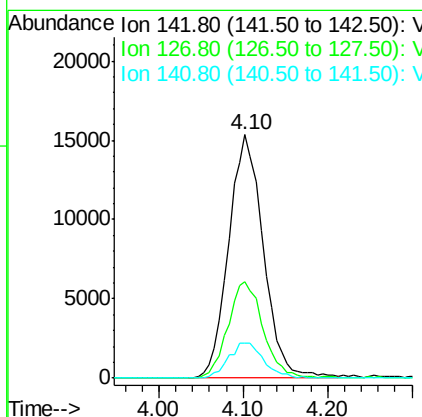
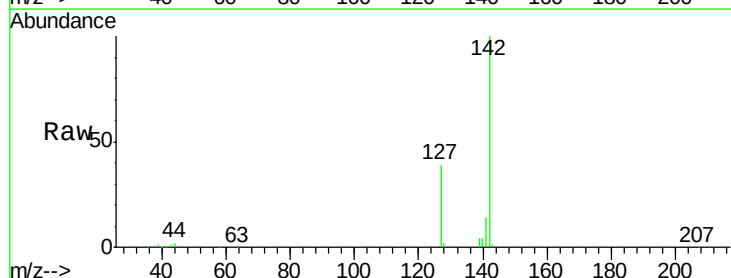
RT: 4.10 min Scan# 388

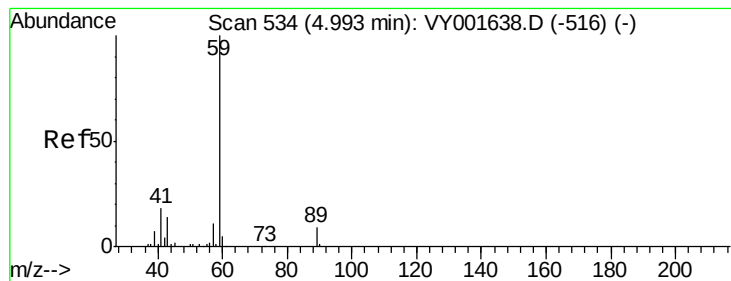
Delta R.T. -0.02 min

Lab File: VY001767.D

Acq: 24 Feb 2020 12:55

Tgt Ion:	142	Resp:	42893
Ion Ratio	Lower	Upper	
142	100		
127	39.8	32.1	48.1
141	14.8	11.3	16.9





#11

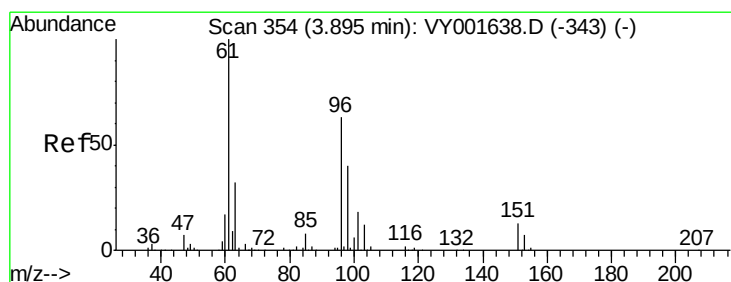
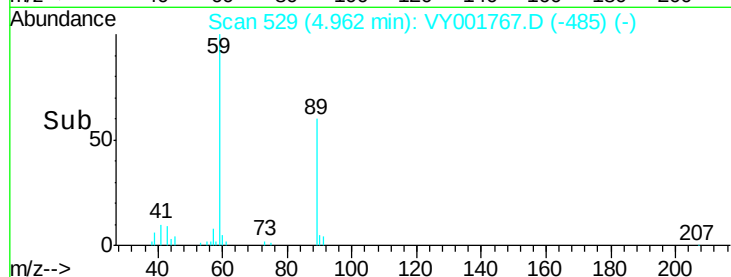
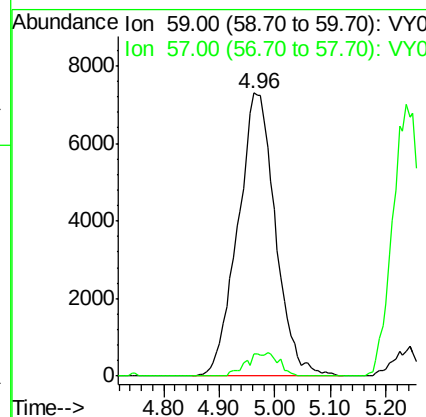
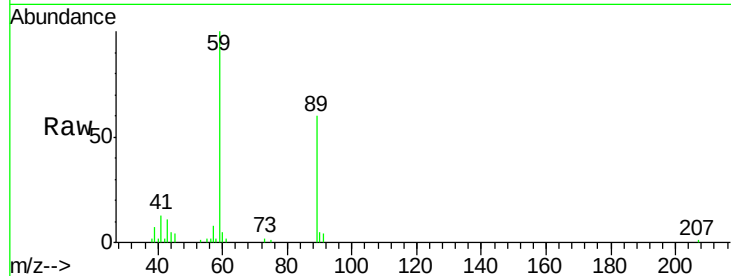
Tert butyl alcohol
 Concen: 129.626 ug/l
 RT: 4.96 min Scan# 529
 Delta R.T. -0.03 min
 Lab File: VY001767.D
 Acq: 24 Feb 2020 12:55

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0224SBS01

Tot Ion: 59 Resp: 34275
 Ion Ratio Lower Upper
 59 100
 57 3.5 7.4 11.2#

Manual Integrations
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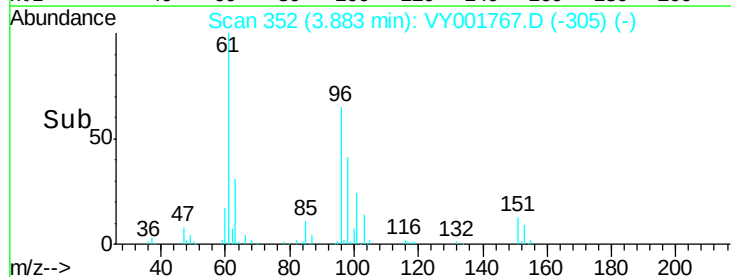
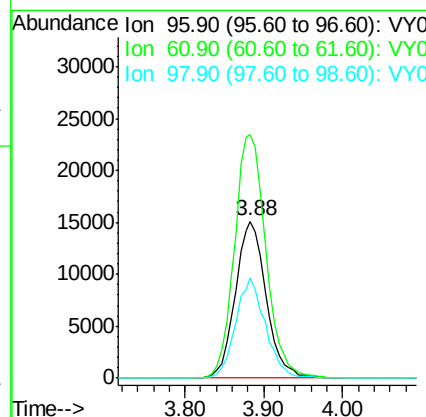
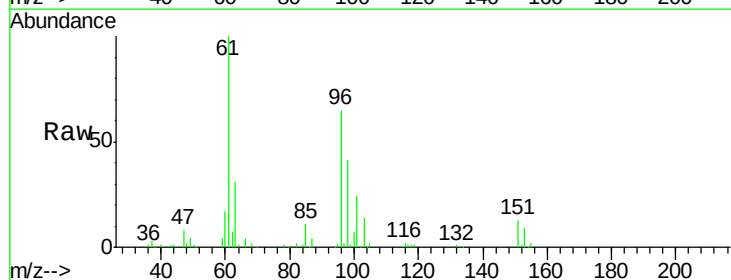
MMDadoda
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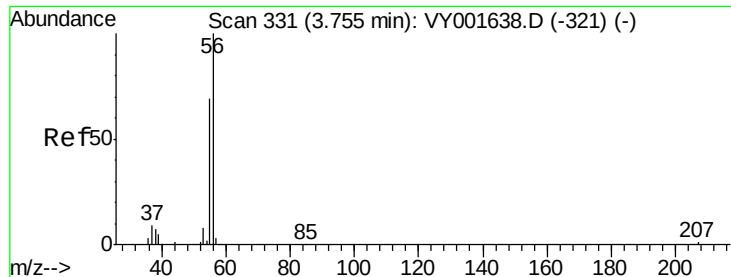


#12

1,1-Dichloroethene
 Concen: 19.431 ug/l
 RT: 3.88 min Scan# 352
 Delta R.T. -0.01 min
 Lab File: VY001767.D
 Acq: 24 Feb 2020 12:55

Tgt Ion: 96 Resp: 40890
 Ion Ratio Lower Upper
 96 100
 61 154.9 128.7 193.1
 98 64.1 50.7 76.1





#13

Acrolein

Concen: 92.281 ug/l

RT: 3.74 min Scan# 329

Delta R.T. -0.01 min

Lab File: VY001767.D

Acq: 24 Feb 2020 12:55

Instrument :

MSVOA_Y

ClientSampleId :

VY0224SBS01

Tot Ion: 56 Resp: 19443

Ion Ratio Lower Upper

56 100

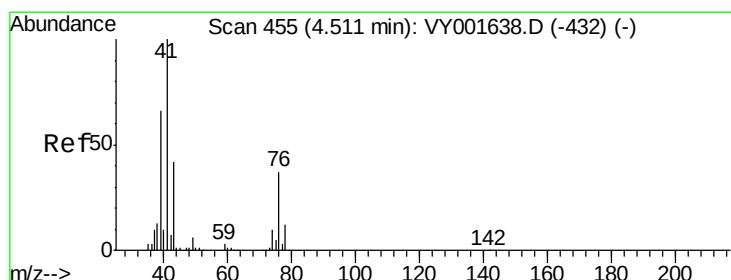
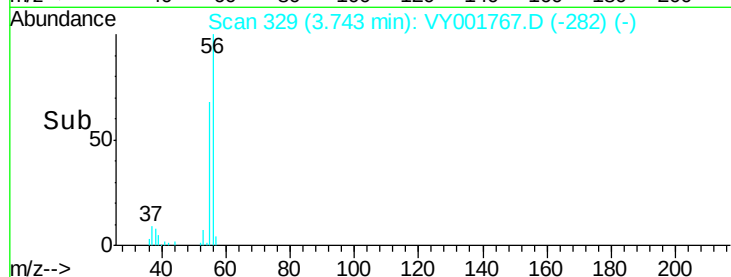
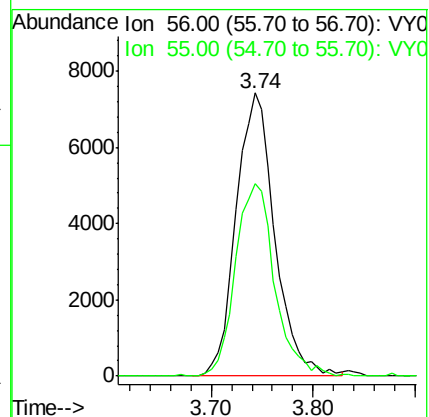
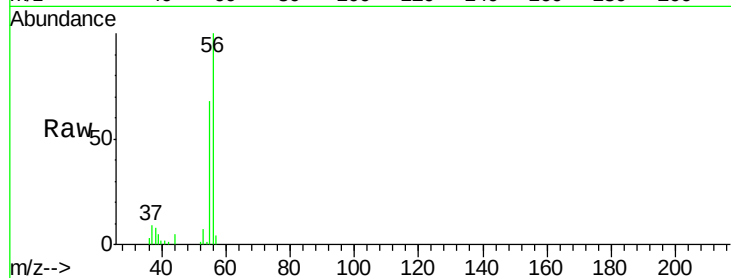
55 69.1 56.1 84.1

Manual Integrations

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#14

Allyl chloride

Concen: 19.894 ug/l

RT: 4.49 min Scan# 452

Delta R.T. -0.02 min

Lab File: VY001767.D

Acq: 24 Feb 2020 12:55

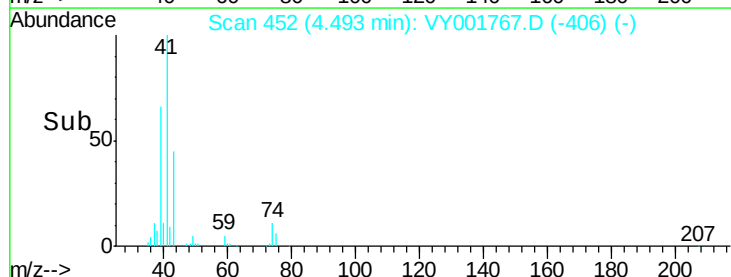
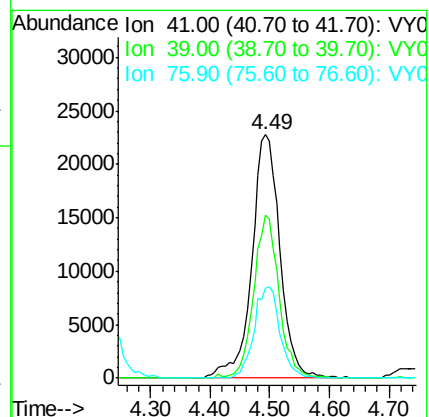
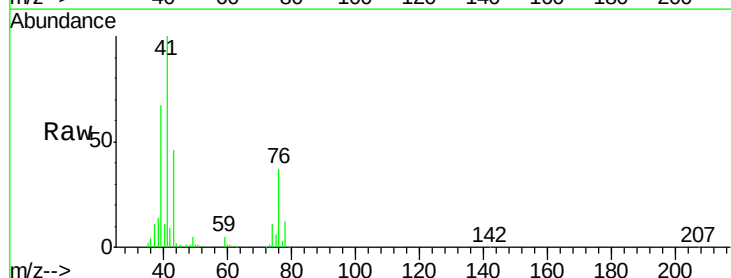
Tgt Ion: 41 Resp: 74506

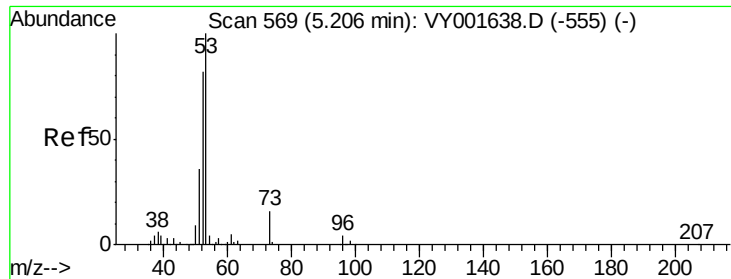
Ion Ratio Lower Upper

41 100

39 57.7 49.4 74.0

76 34.7 29.0 43.6





#15

Acrylonitrile

Concen: 101.759 ug/l

RT: 5.19 min Scan# 566

Delta R.T. -0.02 min

Lab File: VY001767.D

Acq: 24 Feb 2020 12:55

Instrument :

MSVOA_Y

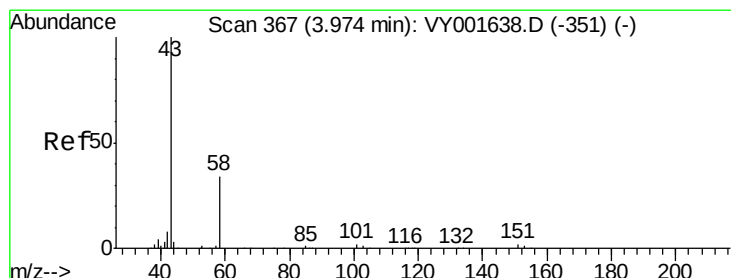
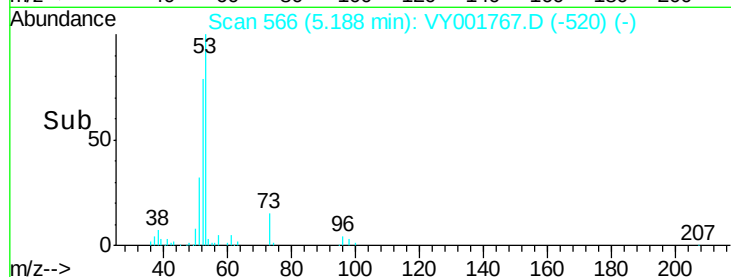
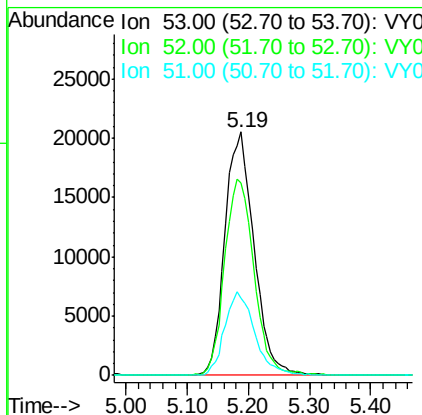
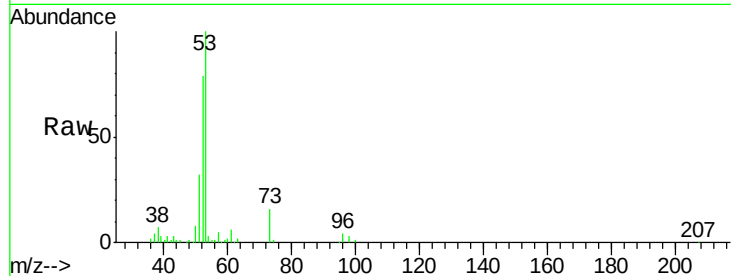
ClientSampleId :

VY0224SBS01

Tot Ion:	53	Resp:	67497
Ion Ratio		Lower	Upper
53	100		
52	81.0	65.4	98.0
51	35.2	28.0	42.0

Manual Integrations
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#16

Acetone

Concen: 85.390 ug/l

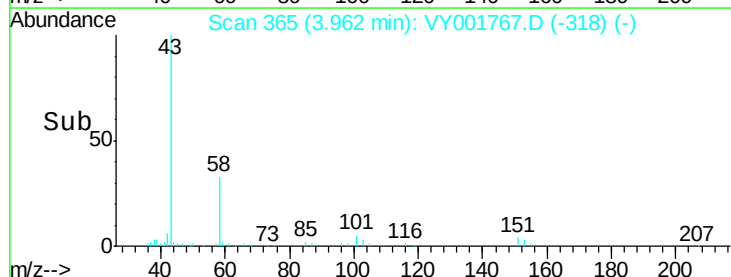
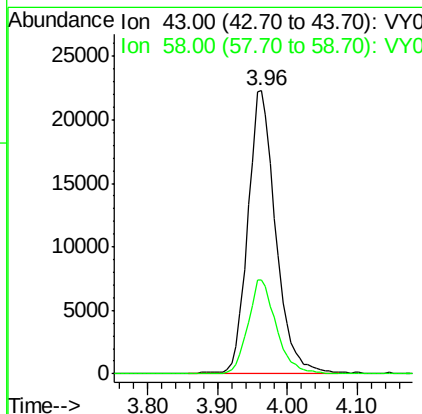
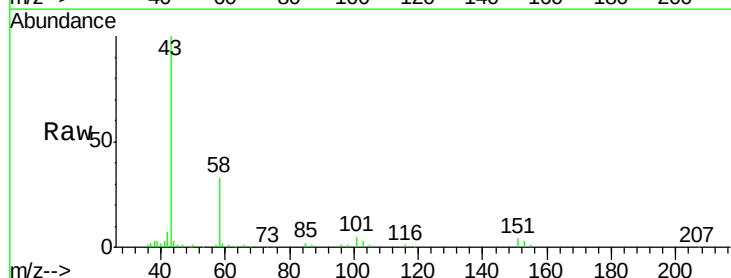
RT: 3.96 min Scan# 365

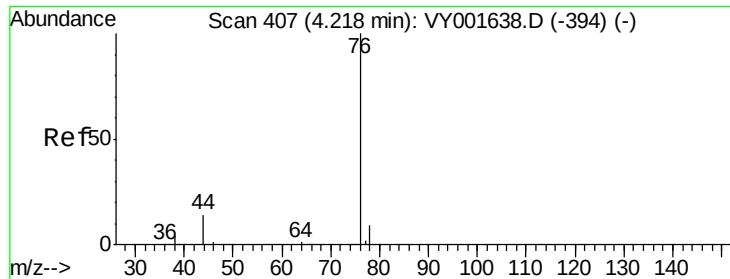
Delta R.T. -0.01 min

Lab File: VY001767.D

Acq: 24 Feb 2020 12:55

Tgt Ion:	43	Resp:	61638
Ion Ratio		Lower	Upper
43	100		
58	33.2	27.3	40.9





#17

Carbon Disulfide

Concen: 18.041 ug/l

RT: 4.21 min Scan# 405

Delta R.T. -0.01 min

Lab File: VY001767.D

Acq: 24 Feb 2020 12:55

Instrument :

MSVOA_Y

ClientSampleId :

VY0224SBS01

Tot Ion: 76 Resp: 126747

Ion Ratio Lower Upper

76 100

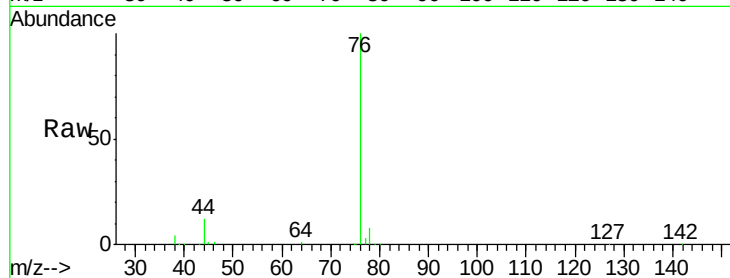
78 8.2 7.3 10.9

Manual Integrations

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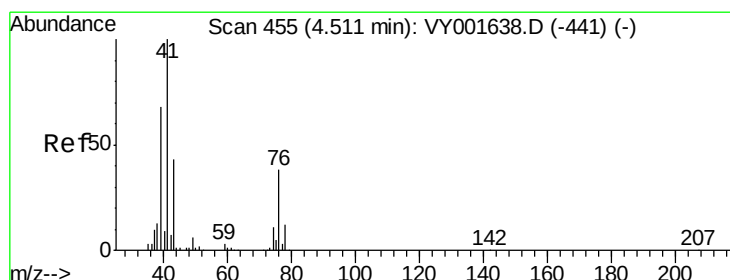
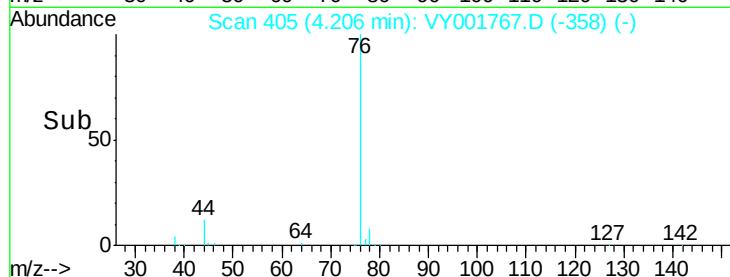
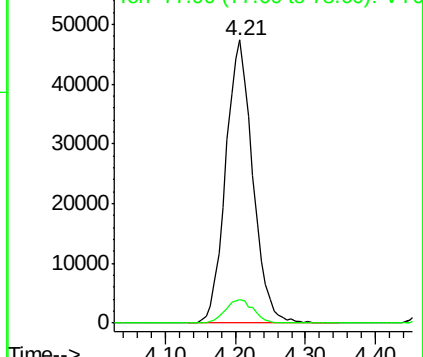
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Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 21.583 ug/l

RT: 4.50 min Scan# 453

Delta R.T. -0.01 min

Lab File: VY001767.D

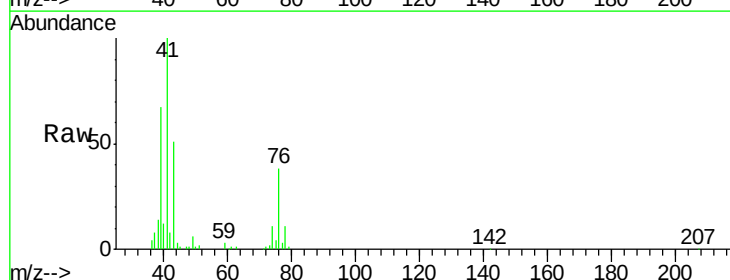
Acq: 24 Feb 2020 12:55

Tgt Ion: 43 Resp: 33928

Ion Ratio Lower Upper

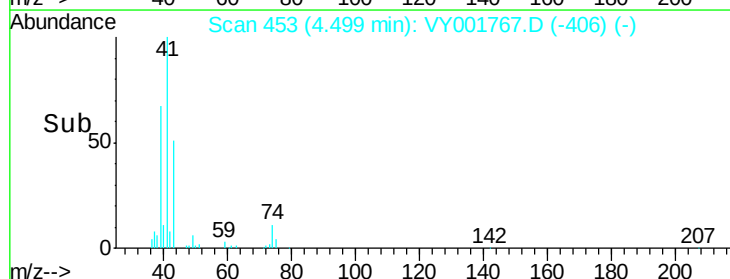
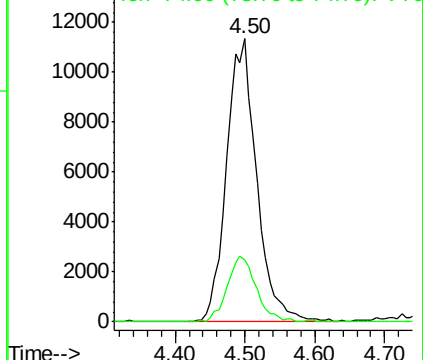
43 100

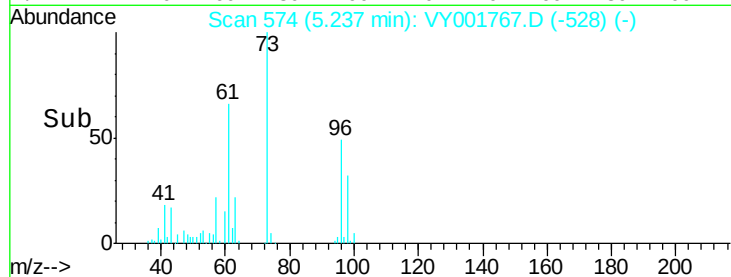
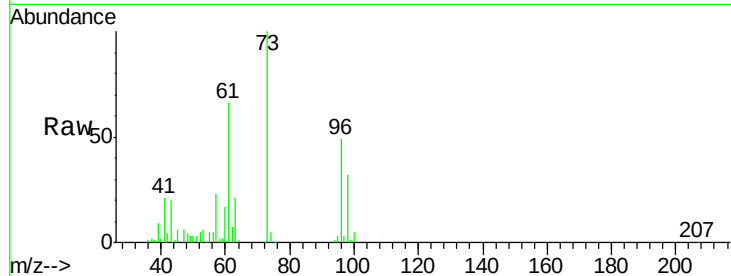
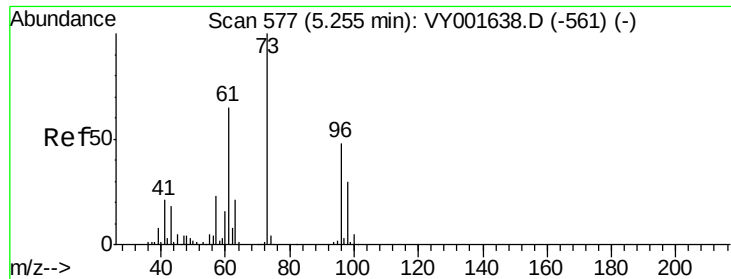
74 22.1 19.1 28.7



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0





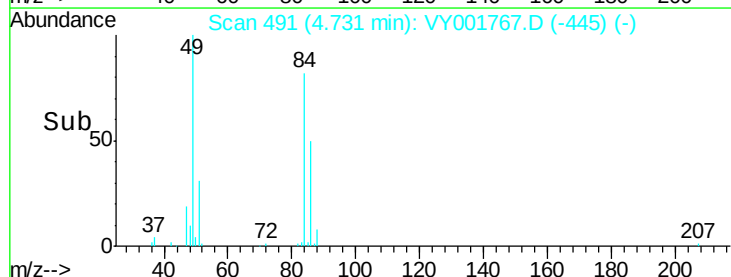
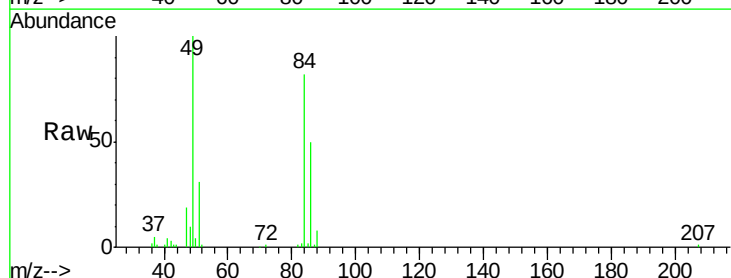
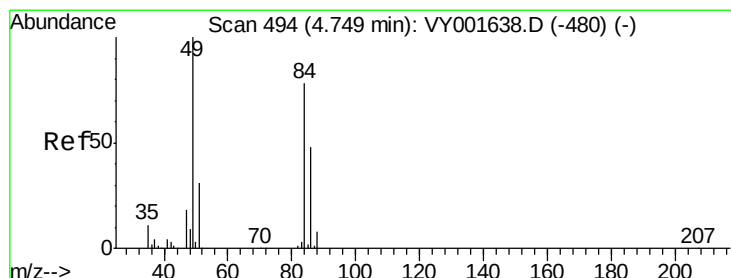
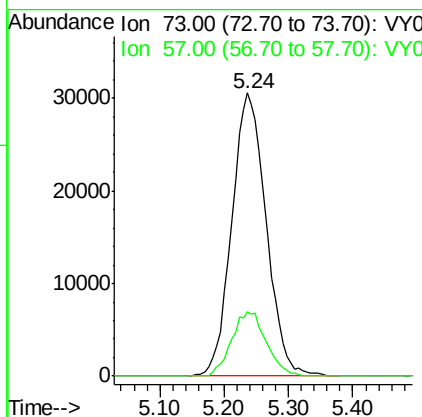
#19
Methyl tert-butyl Ether
Concen: 19.273 ug/l
RT: 5.24 min Scan# 574
Delta R.T. -0.02 min
Lab File: VY001767.D
Acq: 24 Feb 2020 12:55

Tot Ion: 73 Resp: 112917
Ion Ratio Lower Upper
73 100
57 23.0 19.0 28.6

Instrument :
MSVOA_Y
ClientSampleId :
VY0224SBS01

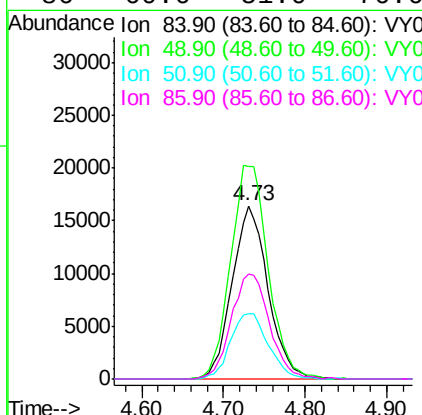
Manual Integrations
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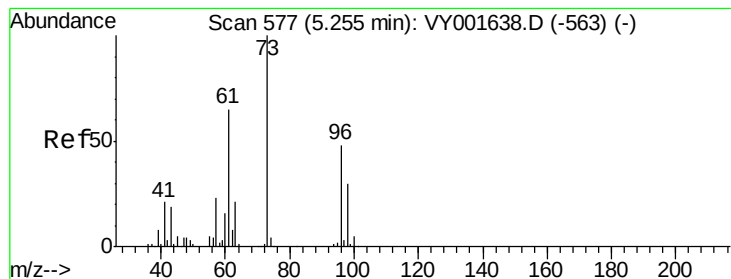
MMDadoda
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#20
Methylene Chloride
Concen: 19.508 ug/l
RT: 4.73 min Scan# 491
Delta R.T. -0.02 min
Lab File: VY001767.D
Acq: 24 Feb 2020 12:55

Tgt Ion: 84 Resp: 50018
Ion Ratio Lower Upper
84 100
49 122.2 99.2 148.8
51 37.5 31.5 47.3
86 60.6 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 18.972 ug/l

RT: 5.24 min Scan# 574

Delta R.T. -0.02 min

Lab File: VY001767.D

Acq: 24 Feb 2020 12:55

Instrument :

MSVOA_Y

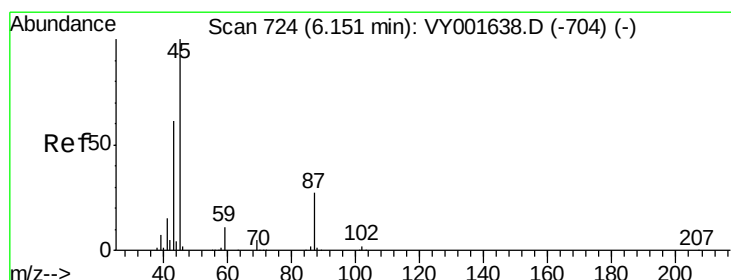
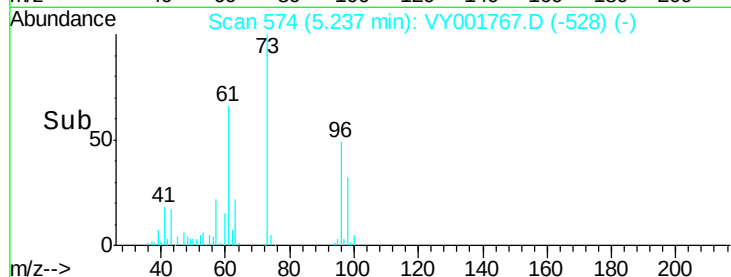
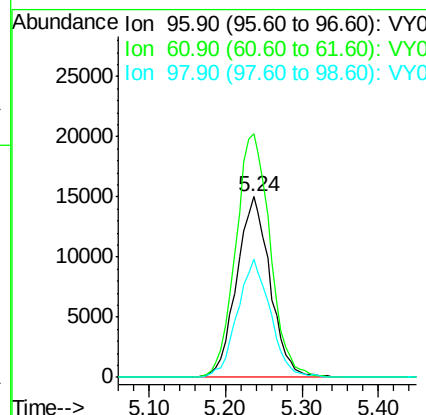
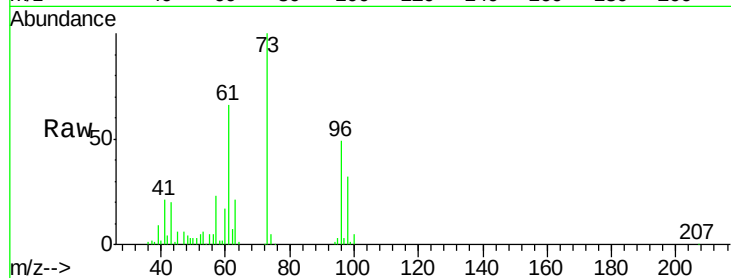
ClientSampleId :

VY0224SBS01

Tot Ion:	96	Resp:	45551
Ion	Ratio	Lower	Upper
96	100		
61	134.7	107.9	161.9
98	65.6	49.8	74.8

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#22

Diisopropyl ether

Concen: 19.707 ug/l

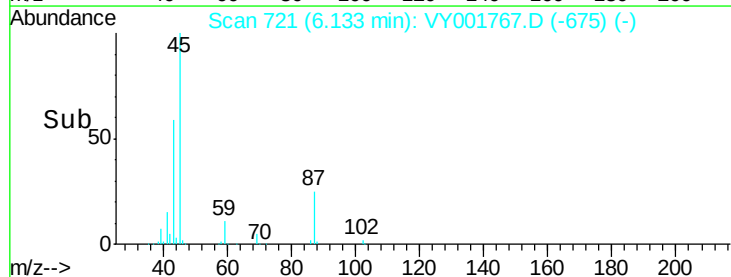
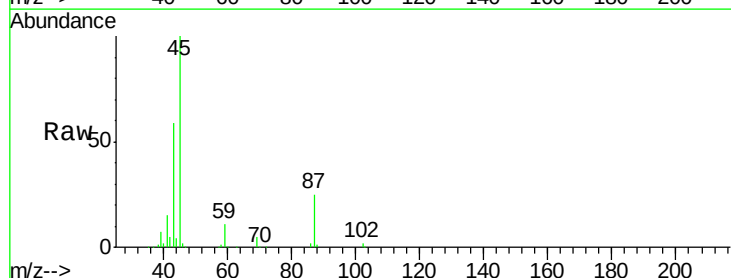
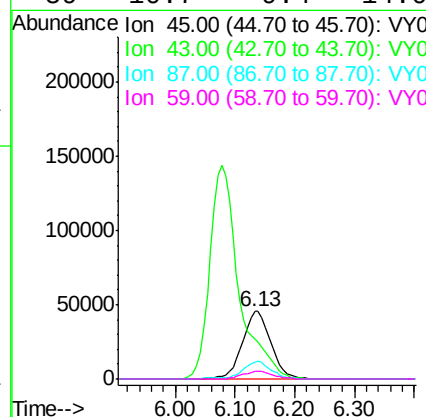
RT: 6.13 min Scan# 721

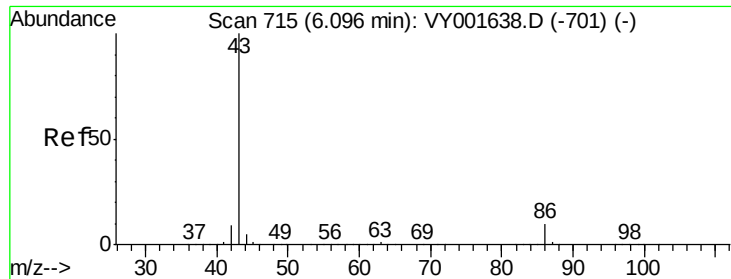
Delta R.T. -0.02 min

Lab File: VY001767.D

Acq: 24 Feb 2020 12:55

Tgt Ion:	45	Resp:	151567
Ion	Ratio	Lower	Upper
45	100		
43	58.4	46.4	69.6
87	25.0	22.1	33.1
59	10.7	9.4	14.0





#23

Vinyl Acetate

Concen: 96.737 ug/l

RT: 6.08 min Scan# 712

Delta R.T. -0.02 min

Lab File: VY001767.D

Acq: 24 Feb 2020 12:55

Instrument :

MSVOA_Y

ClientSampleId :

VY0224SBS01

Tot Ion: 43 Resp: 485311

Ion Ratio Lower Upper

43 100

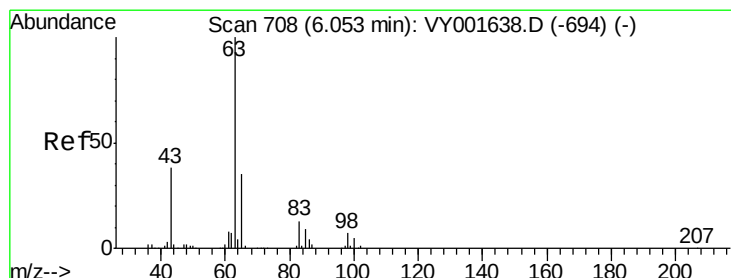
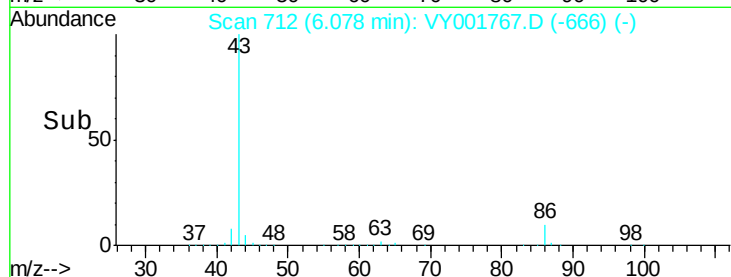
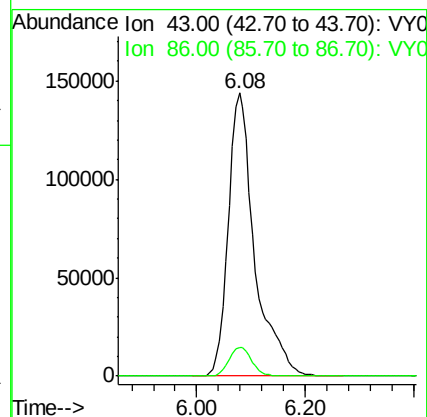
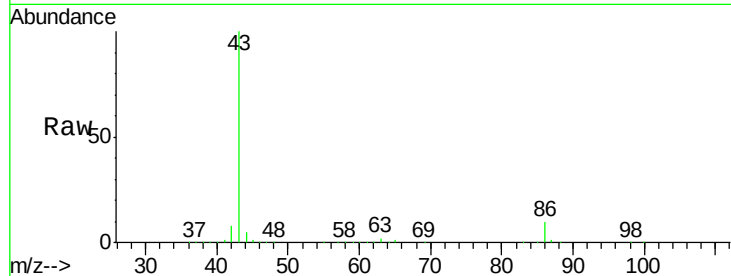
86 10.1 8.8 13.2

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 19.759 ug/l

RT: 6.04 min Scan# 706

Delta R.T. -0.01 min

Lab File: VY001767.D

Acq: 24 Feb 2020 12:55

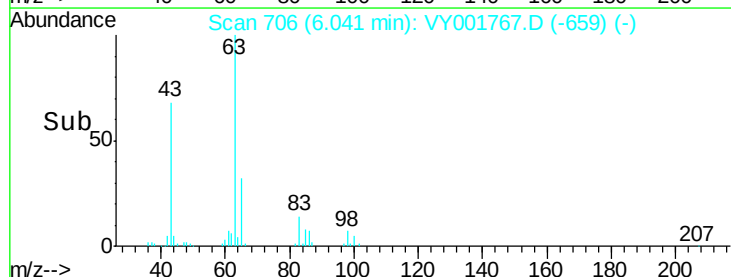
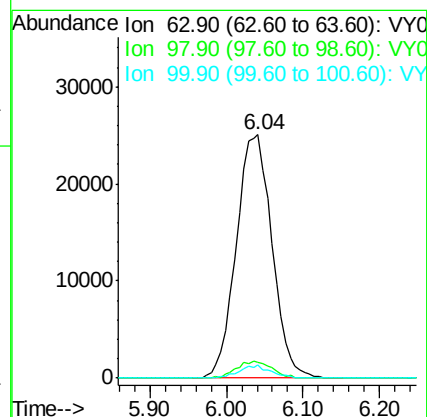
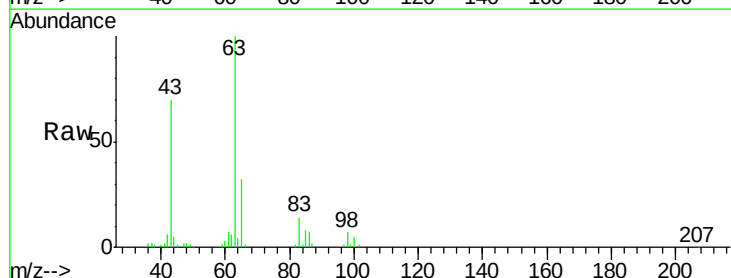
Tgt Ion: 63 Resp: 81224

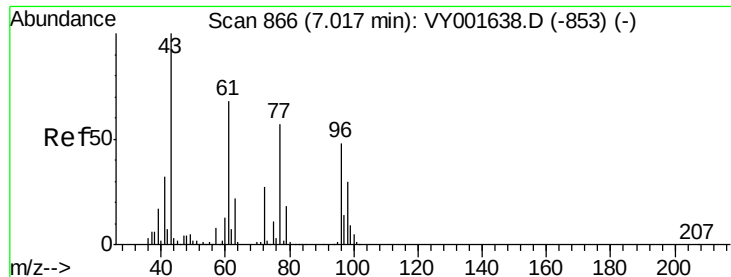
Ion Ratio Lower Upper

63 100

98 6.5 3.4 10.2

100 5.3 2.3 6.9





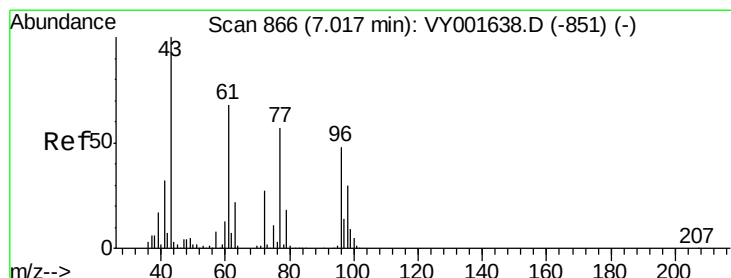
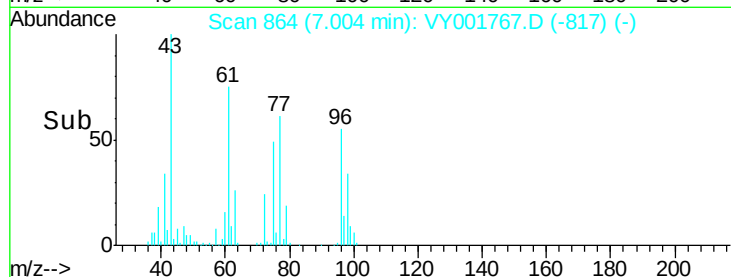
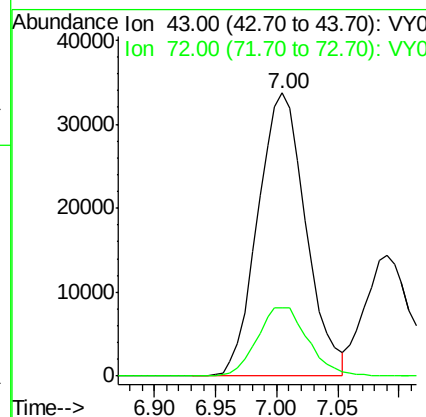
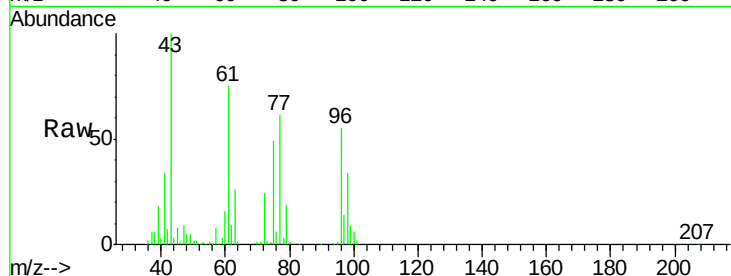
#25
2-Butanone
Concen: 94.019 ug/l
RT: 7.00 min Scan# 864
Delta R.T. -0.01 min
Lab File: VY001767.D
Acq: 24 Feb 2020 12:55

Instrument :
MSVOA_Y
ClientSampleId :
VY0224SBS01

Tot Ion: 43 Resp: 92194
Ion Ratio Lower Upper
43 100
72 24.2 21.2 31.8

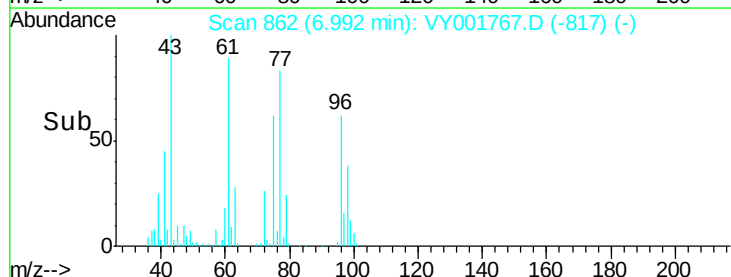
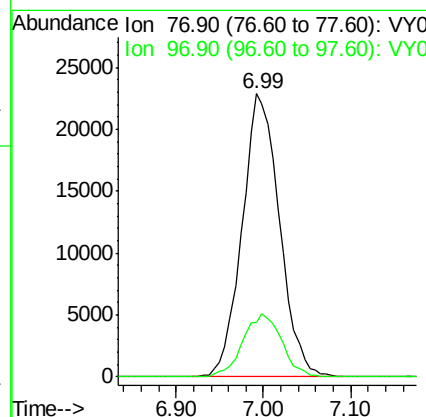
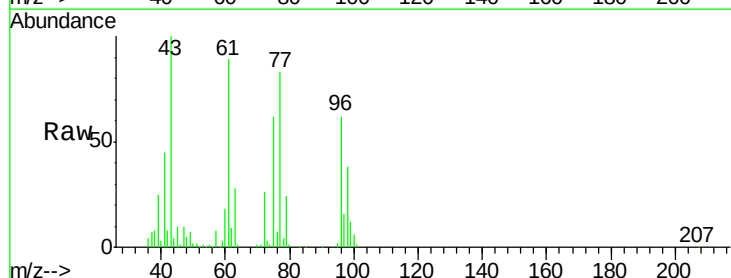
Manual Integrations
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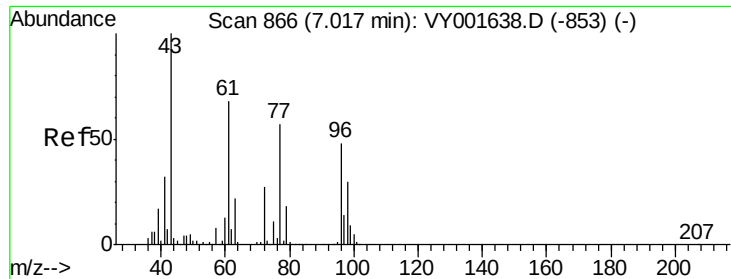
MMDadoda
2/25/2020 10:53:59 AM



#26
2,2-Dichloropropane
Concen: 18.965 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.02 min
Lab File: VY001767.D
Acq: 24 Feb 2020 12:55

Tgt Ion: 77 Resp: 67825
Ion Ratio Lower Upper
77 100
97 23.1 11.8 35.4





#27

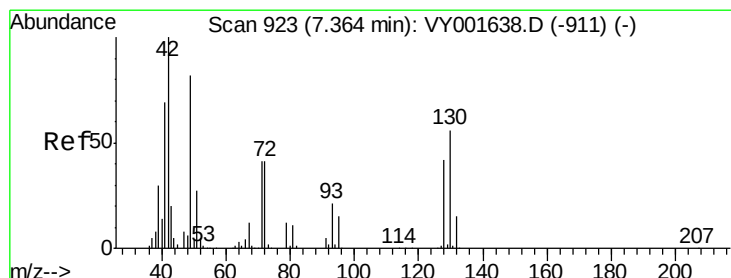
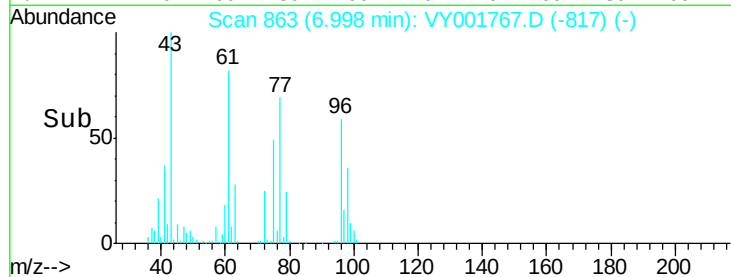
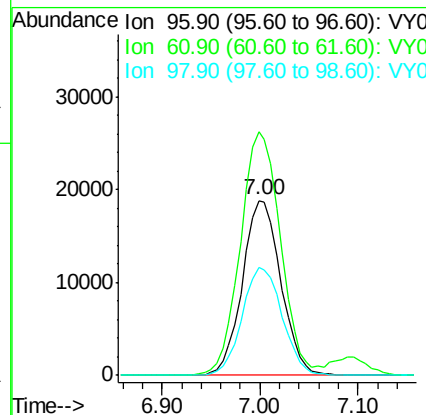
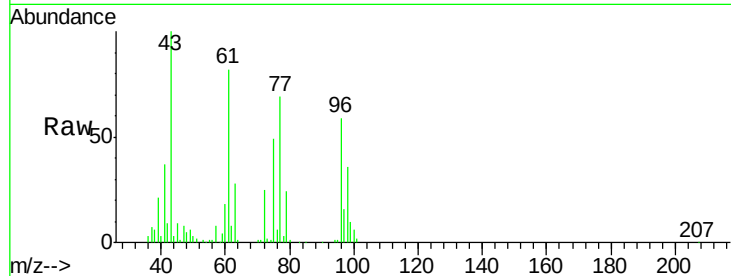
cis-1,2-Dichloroethene
Concen: 19.355 ug/l
RT: 7.00 min Scan# 863
Delta R.T. -0.02 min
Lab File: VY001767.D
Acq: 24 Feb 2020 12:55

Instrument :
MSVOA_Y
ClientSampleId :
VY0224SBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	51295		
61	145.9		0.0	290.8
98	64.1		0.0	128.6

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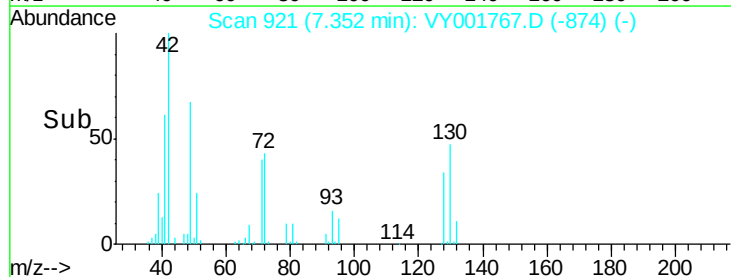
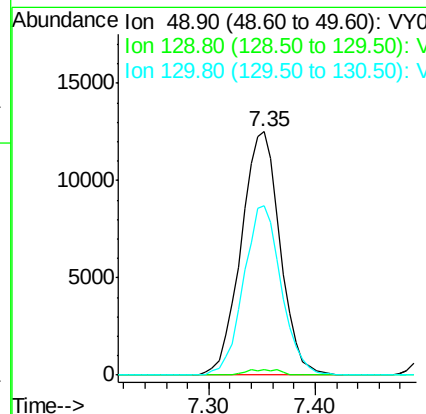
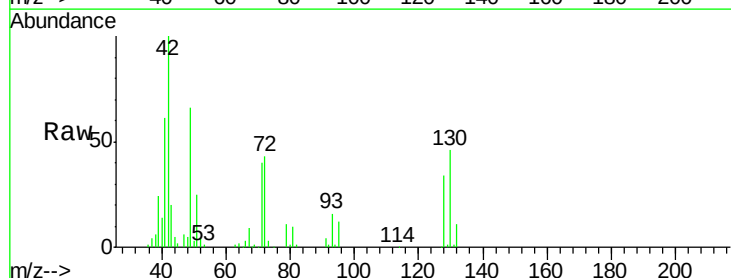
MMDadoda
2/25/2020 10:53:59 AM

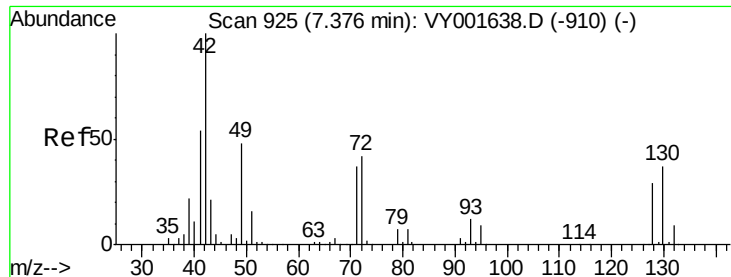


#28

Bromochloromethane
Concen: 18.709 ug/l
RT: 7.35 min Scan# 921
Delta R.T. -0.01 min
Lab File: VY001767.D
Acq: 24 Feb 2020 12:55

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	32037		
129	1.8		0.0	3.6
130	67.6		56.2	84.4





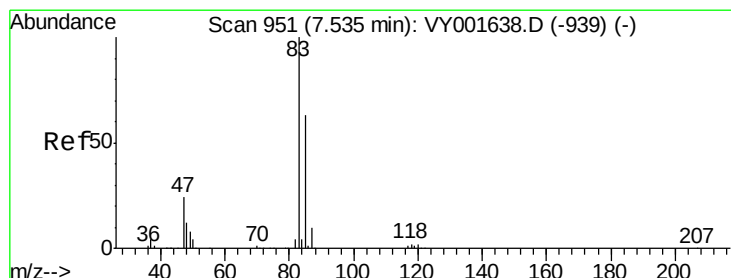
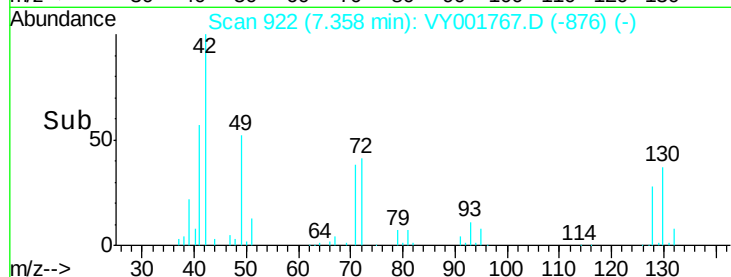
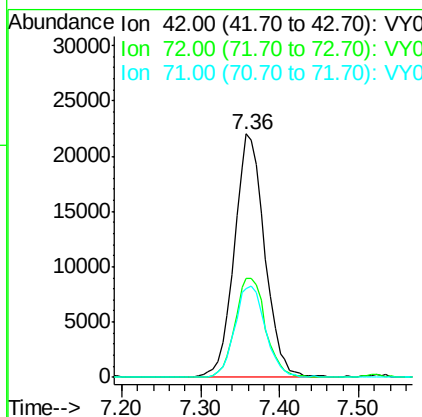
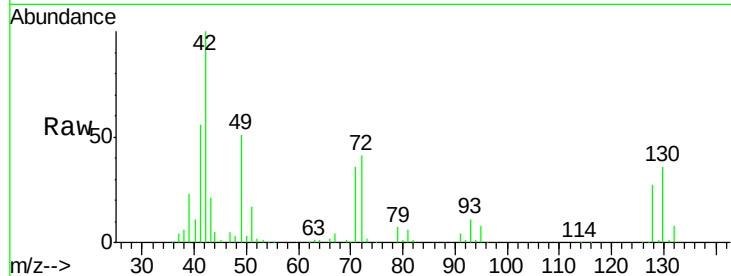
#29
Tetrahydrofuran
Concen: 99.120 ug/l
RT: 7.36 min Scan# 922
Delta R.T. -0.02 min
Lab File: VY001767.D
Acq: 24 Feb 2020 12:55

Instrument :
MSVOA_Y
ClientSampleId :
VY0224SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.1	34.4	51.6
71	37.9	31.8	47.8

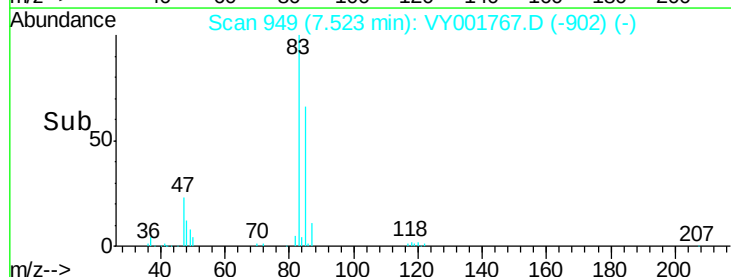
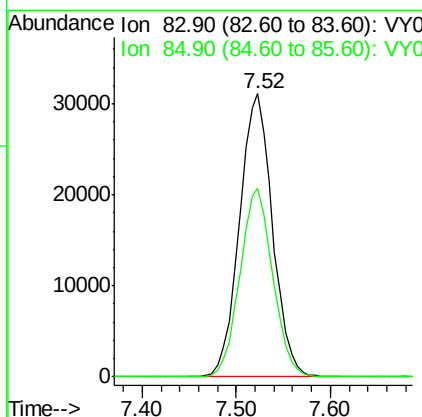
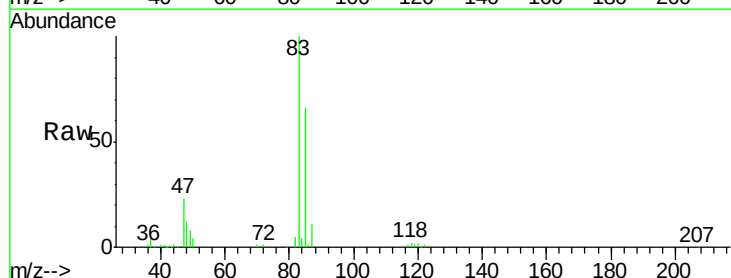
Manual Integrations
APPROVED

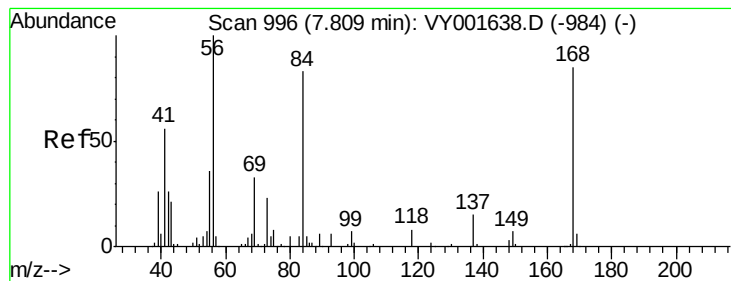
MMDadoda
2/25/2020 10:53:59 AM



#30
Chloroform
Concen: 18.915 ug/l
RT: 7.52 min Scan# 949
Delta R.T. -0.01 min
Lab File: VY001767.D
Acq: 24 Feb 2020 12:55

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.5	51.6	77.4





#31

Cyclohexane

Concen: 19.355 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.02 min

Lab File: VY001767.D

Acq: 24 Feb 2020 12:55

Instrument :

MSVOA_Y

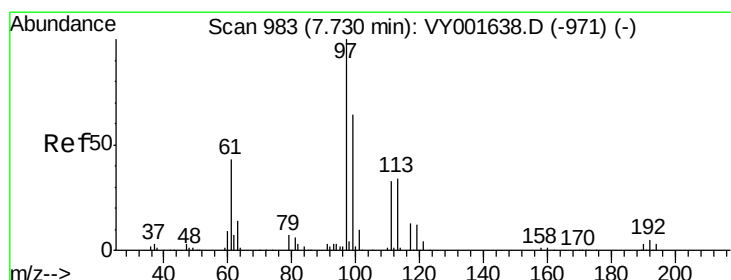
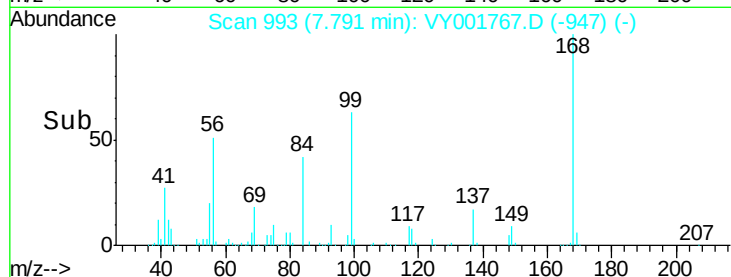
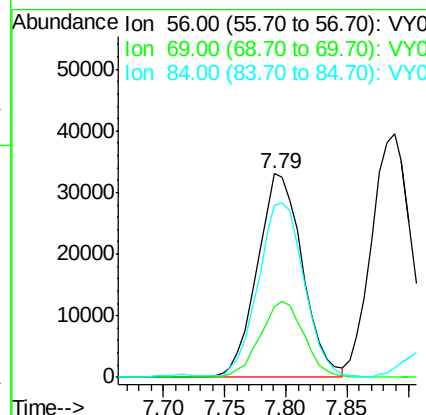
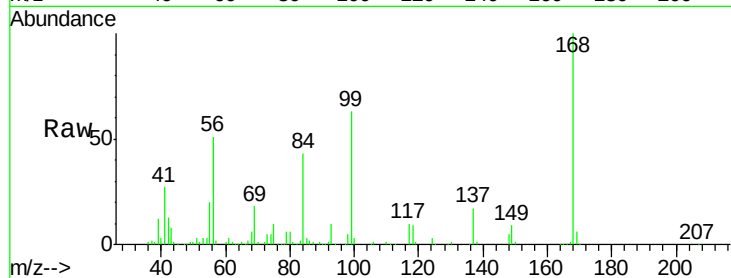
ClientSampleId :

VY0224SBS01

Tot Ion:	56	Resp:	84830
Ion Ratio	Lower	Upper	
56	100		
69	35.0	25.1	37.7
84	83.6	66.9	100.3

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 18.944 ug/l

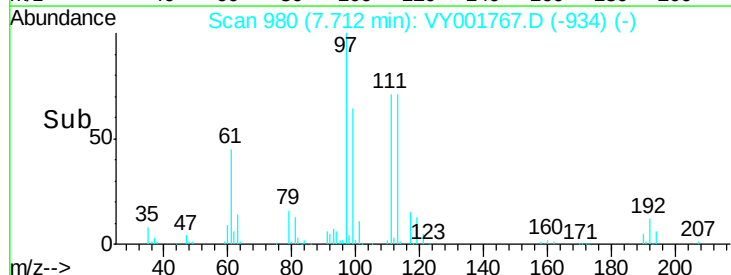
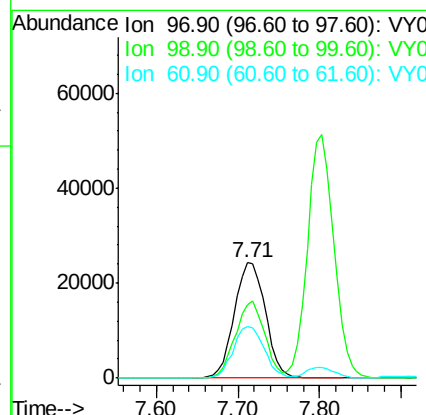
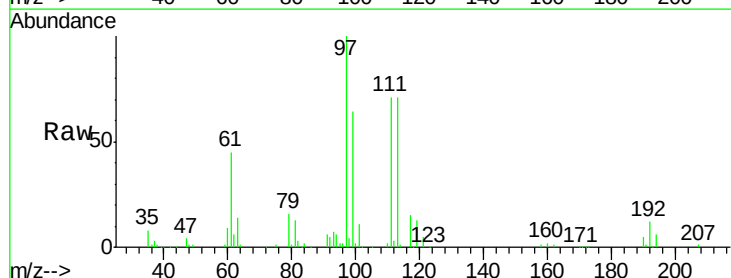
RT: 7.71 min Scan# 980

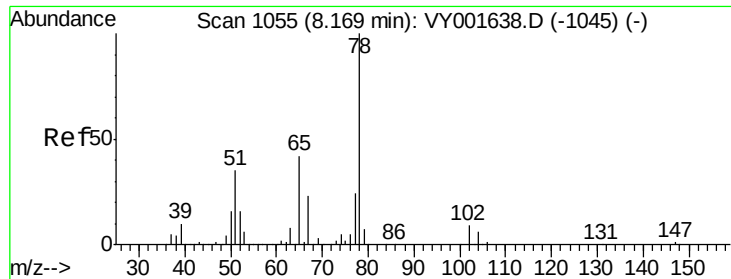
Delta R.T. -0.02 min

Lab File: VY001767.D

Acq: 24 Feb 2020 12:55

Tgt Ion:	97	Resp:	63950
Ion Ratio	Lower	Upper	
97	100		
99	62.8	51.2	76.8
61	44.5	35.0	52.6





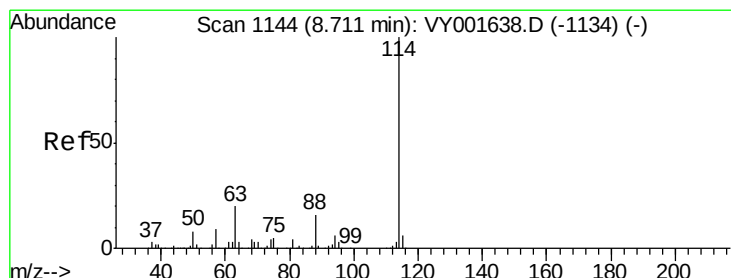
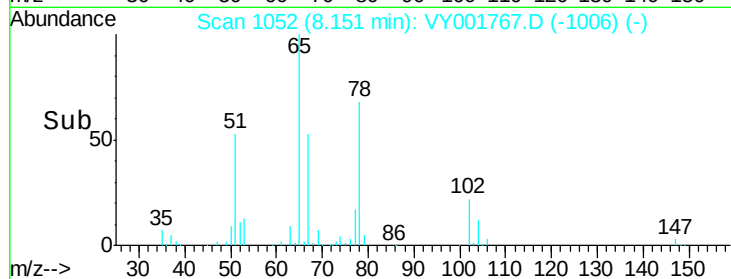
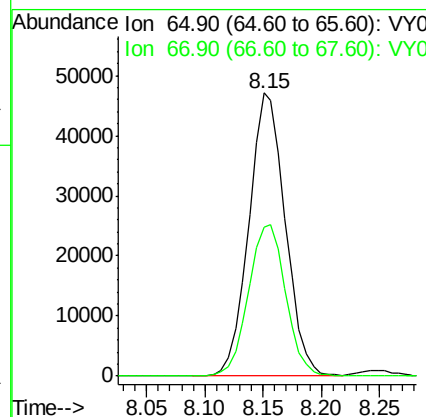
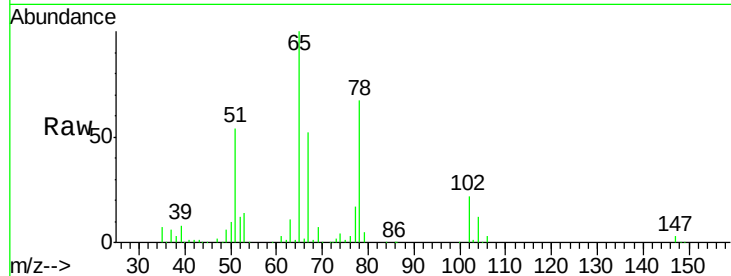
#33
 1,2-Dichloroethane-d4
 Concen: 49.317 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.02 min
 Lab File: VY001767.D
 Acq: 24 Feb 2020 12:55

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0224SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	102884		
67	54.7	0.0	111.0	

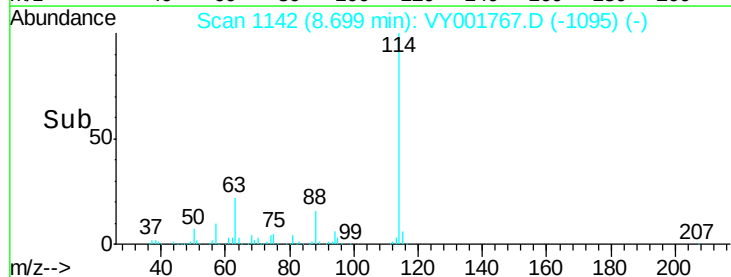
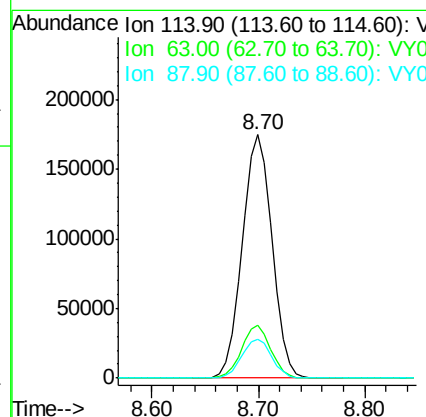
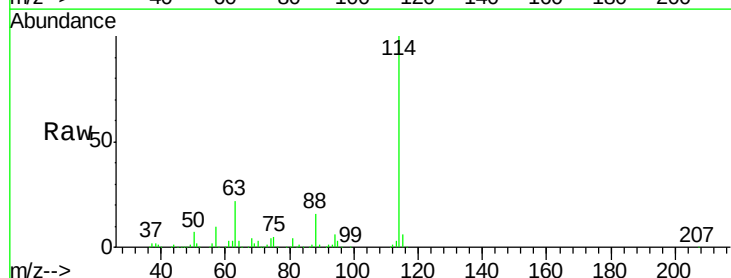
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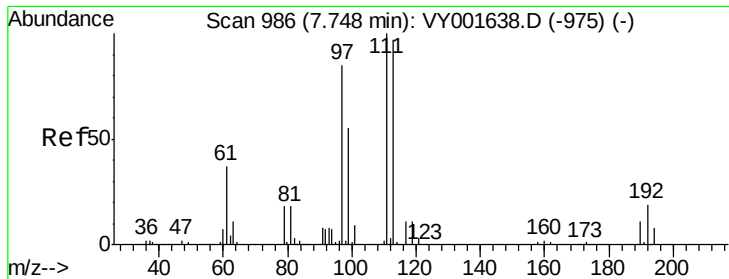
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: VY001767.D
 Acq: 24 Feb 2020 12:55

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	343894		
63	21.7	0.0	41.4	
88	16.1	0.0	32.8	





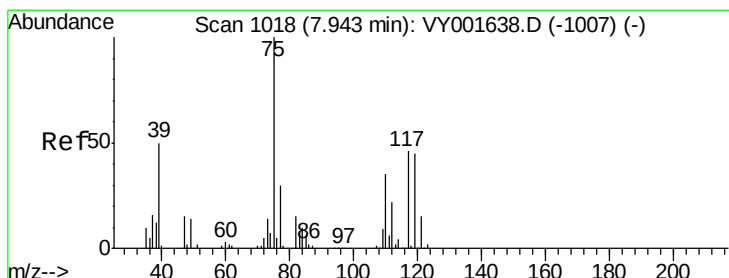
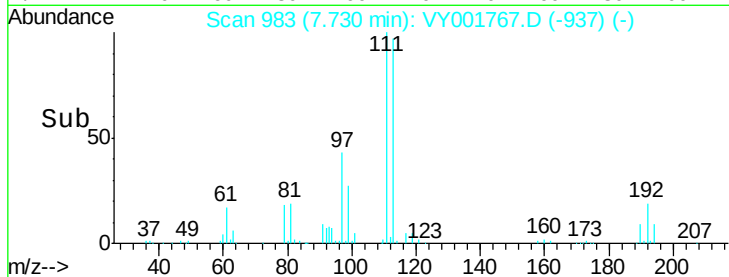
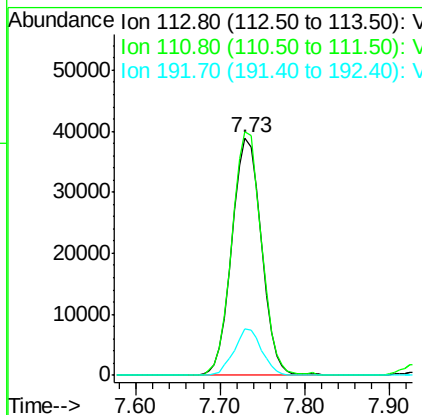
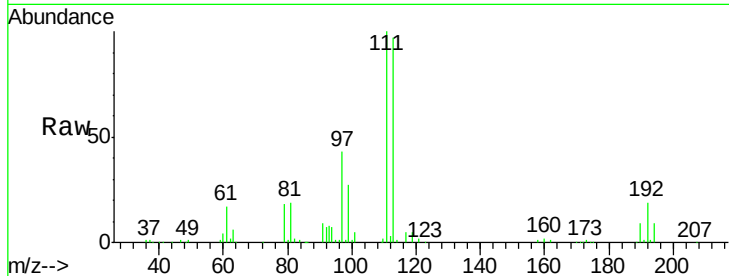
#35
 Dibromofluoromethane
 Concen: 46.773 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.02 min
 Lab File: VY001767.D
 Acq: 24 Feb 2020 12:55

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0224SBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	92128		
111	102.3	81.9	122.9	
192	18.4	14.3	21.5	

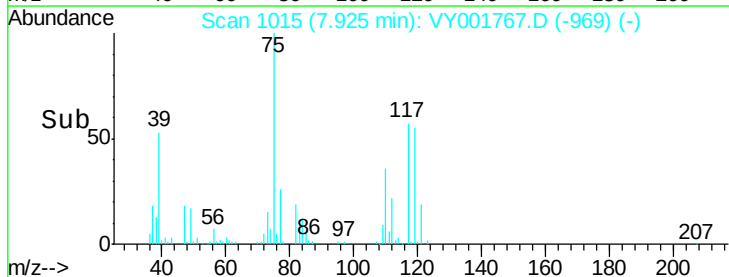
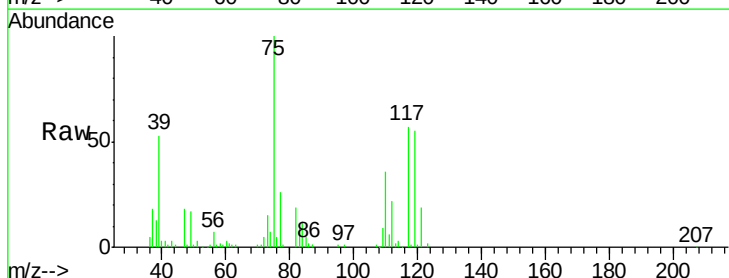
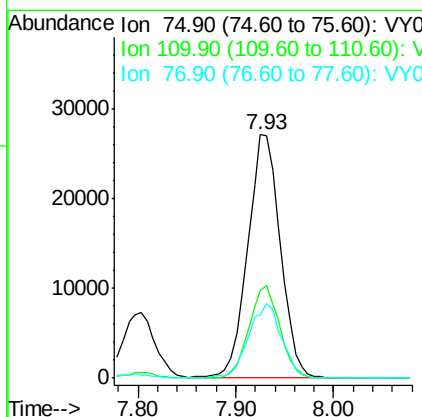
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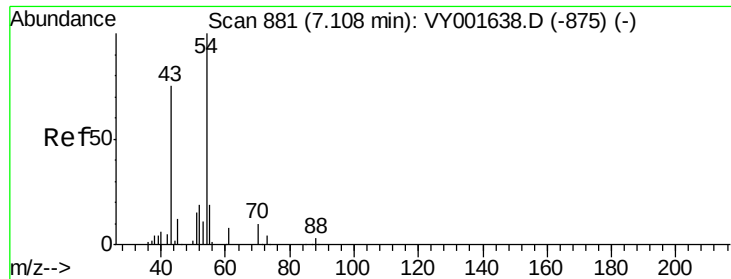
MMDadoda
 2/25/2020 10:53:59 AM



#36
 1,1-Dichloropropene
 Concen: 19.116 ug/l
 RT: 7.93 min Scan# 1015
 Delta R.T. -0.02 min
 Lab File: VY001767.D
 Acq: 24 Feb 2020 12:55

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	62792		
110	35.7	17.2	51.6	
77	30.9	24.8	37.2	





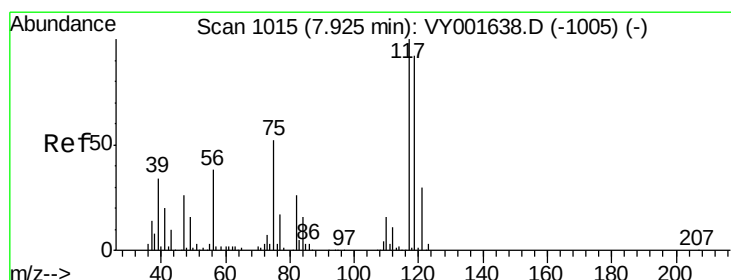
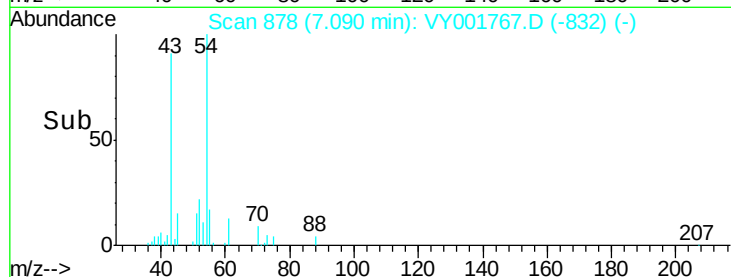
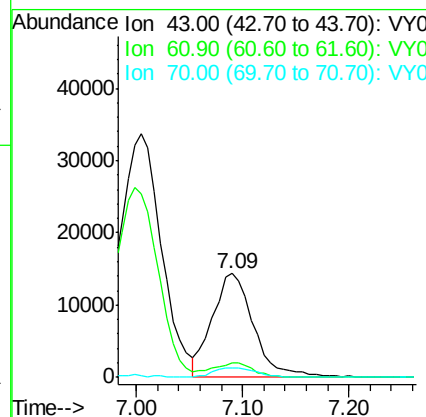
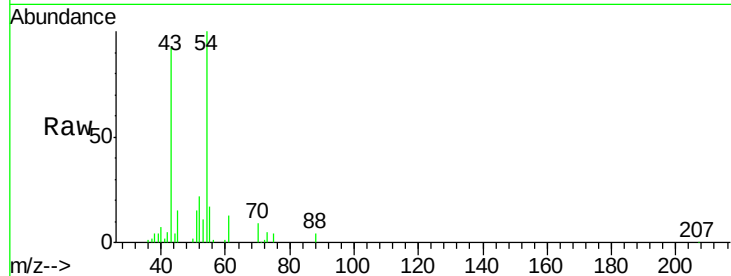
#37
Ethyl Acetate
Concen: 19.438 ug/l
RT: 7.09 min Scan# 878
Delta R.T. -0.02 min
Lab File: VY001767.D
Acq: 24 Feb 2020 12:55

Instrument :
MSVOA_Y
ClientSampleId :
VY0224SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.6	11.0	16.6
70	10.1	8.8	13.2

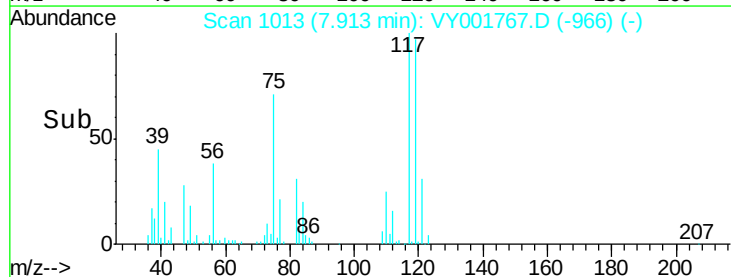
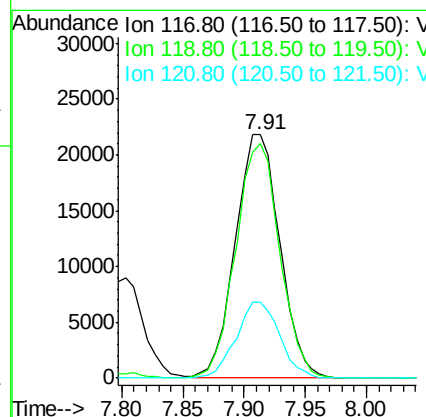
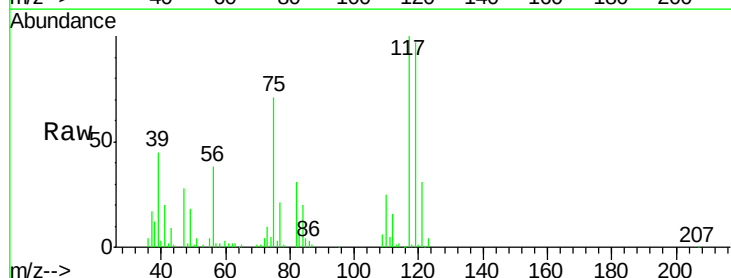
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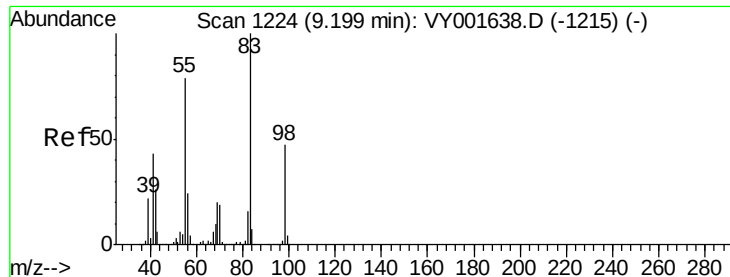
MMDadoda
2/25/2020 10:53:59 AM



#38
Carbon Tetrachloride
Concen: 19.157 ug/l
RT: 7.91 min Scan# 1013
Delta R.T. -0.01 min
Lab File: VY001767.D
Acq: 24 Feb 2020 12:55

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.6	74.8	112.2
121	31.2	23.8	35.6





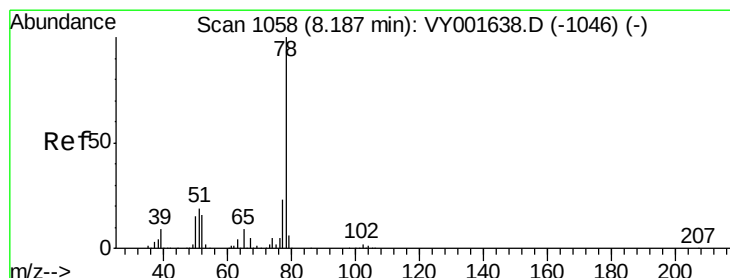
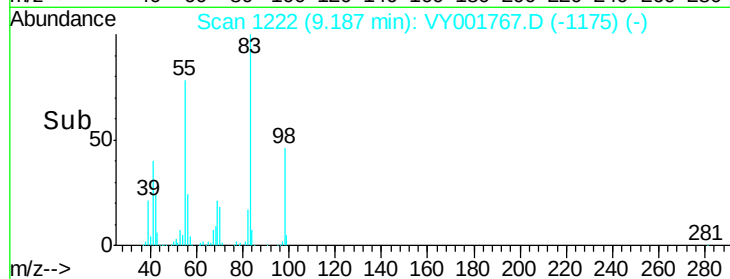
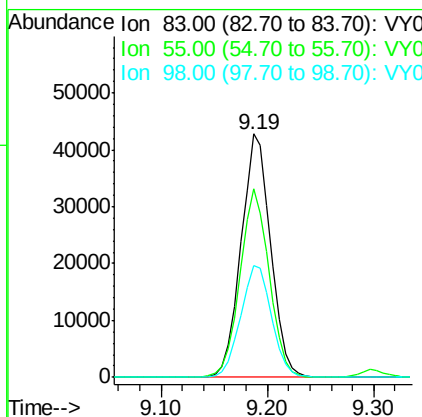
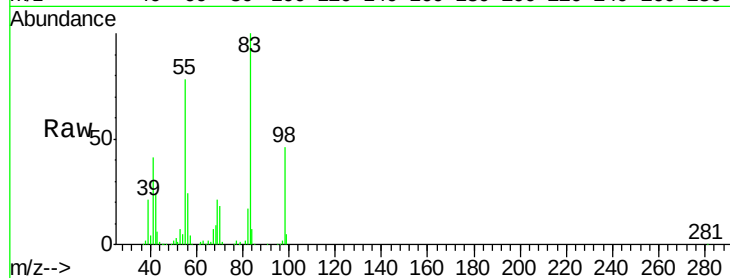
#39
Methylvlcyclohexane
Concen: 19.194 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.01 min
Lab File: VY001767.D
Acq: 24 Feb 2020 12:55

Instrument :
MSVOA_Y
ClientSampleId :
VY0224SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.6	61.3	91.9
98	45.8	38.0	57.0

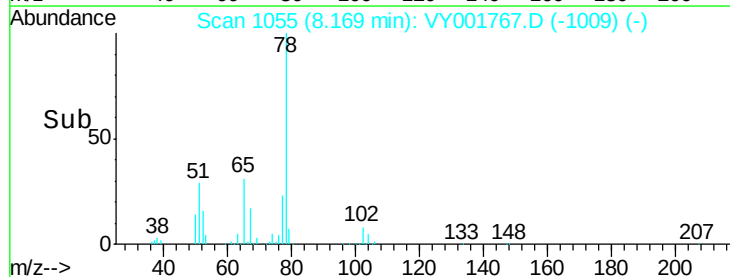
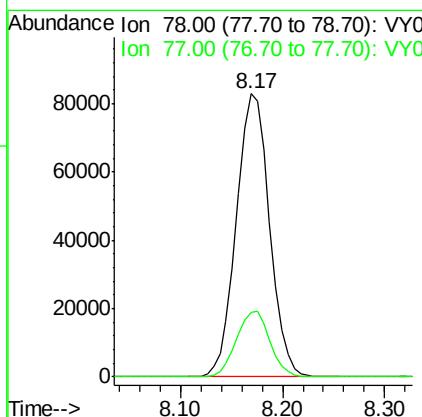
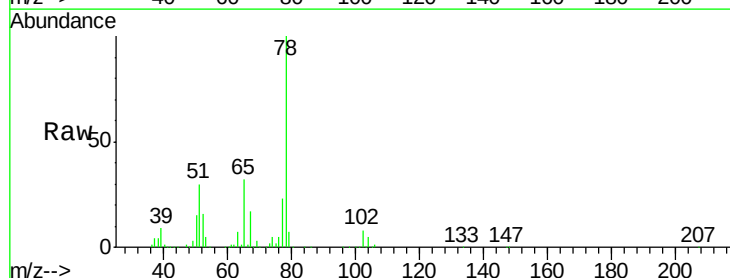
Manual Integrations
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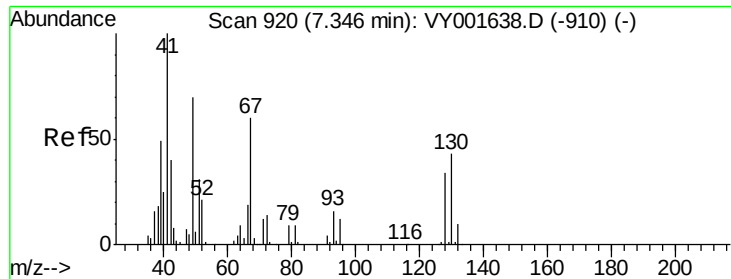
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#40
Benzene
Concen: 19.384 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.02 min
Lab File: VY001767.D
Acq: 24 Feb 2020 12:55

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.0	18.2	27.4





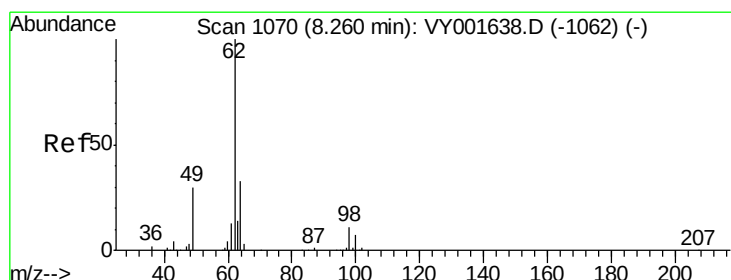
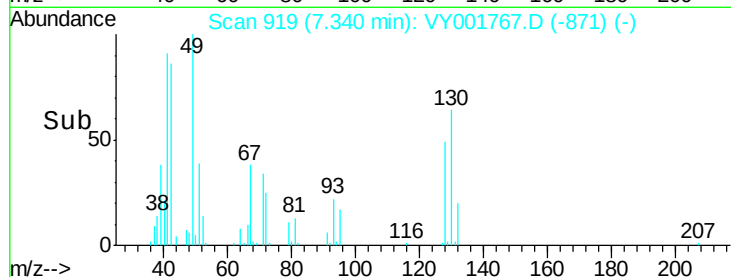
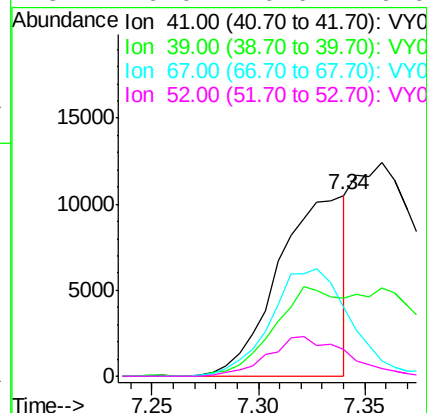
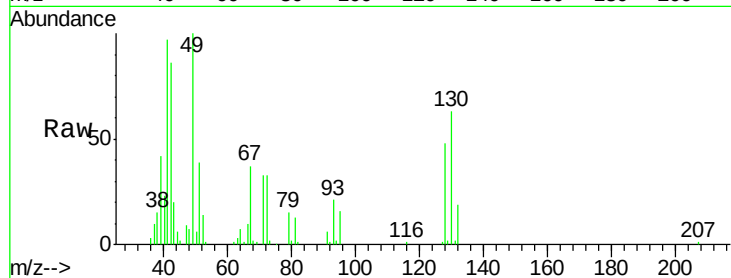
#41
Methacrylonitrile
Concen: 23.537 ug/l m
RT: 7.34 min Scan# 919
Delta R.T. -0.01 min
Lab File: VY001767.D
Acq: 24 Feb 2020 12:55

Instrument :
MSVOA_Y
ClientSampleId :
VY0224SBS01

Tot Ion	41	Resp	23170
Ion Ratio	Lower	Upper	
41	100		
39	0.0	36.0	54.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

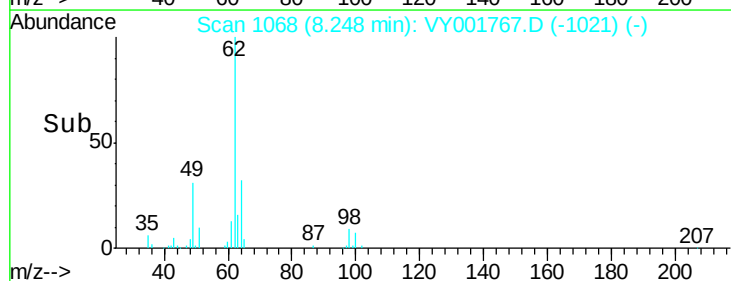
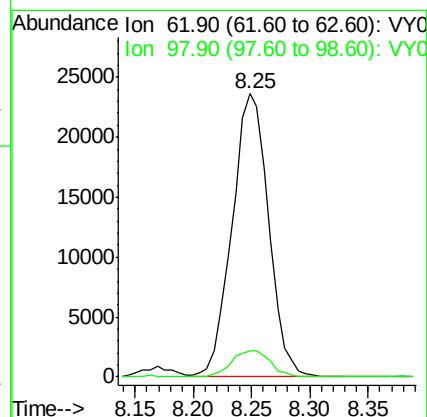
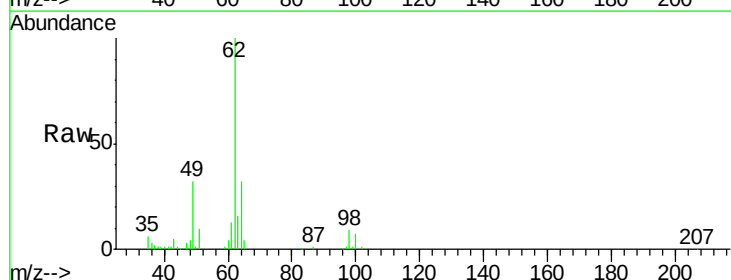
Manual Integrations
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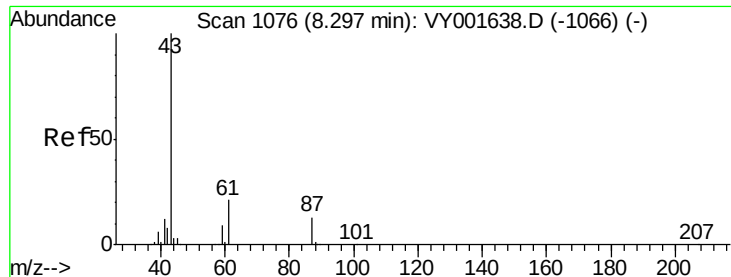
MMDadoda
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#42
1,2-Dichloroethane
Concen: 19.604 ug/l
RT: 8.25 min Scan# 1068
Delta R.T. -0.01 min
Lab File: VY001767.D
Acq: 24 Feb 2020 12:55

Tgt Ion	62	Resp	51596
Ion Ratio	Lower	Upper	
62	100		
98	9.7	0.0	20.8





#43

Isopropyl Acetate

Concen: 19.222 ug/l

RT: 8.28 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VY001767.D

Acq: 24 Feb 2020 12:55

Instrument :

MSVOA_Y

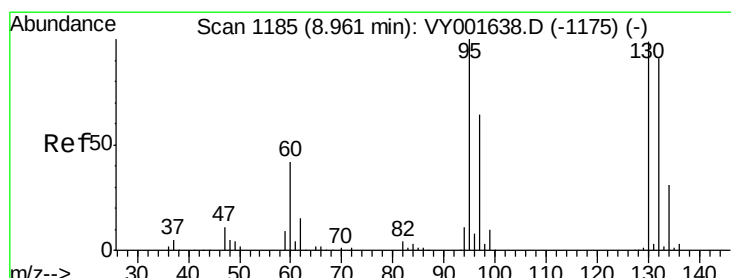
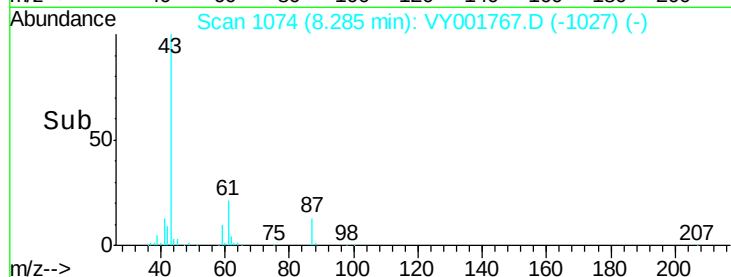
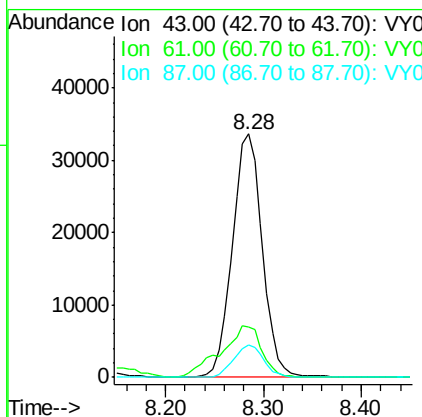
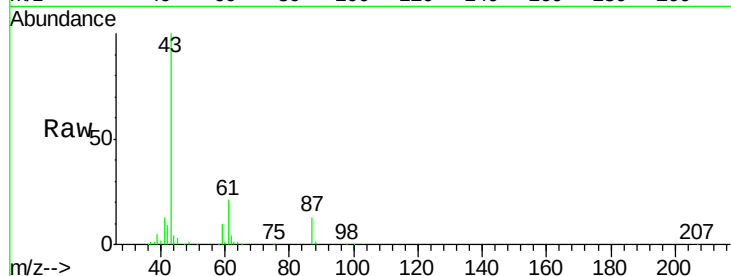
ClientSampleId :

VY0224SBS01

Tot Ion:	43	Resp:	71503
Ion	Ratio	Lower	Upper
43	100		
61	29.0	23.0	34.4
87	13.4	10.7	16.1

Manual Integrations
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2/25/2020 10:53:59 AM



#44

Trichloroethene

Concen: 18.879 ug/l

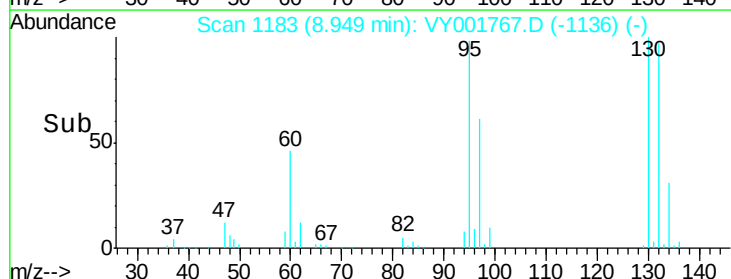
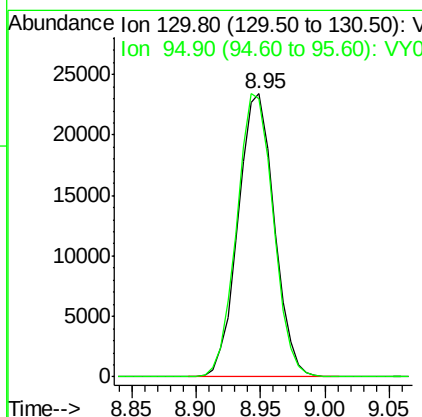
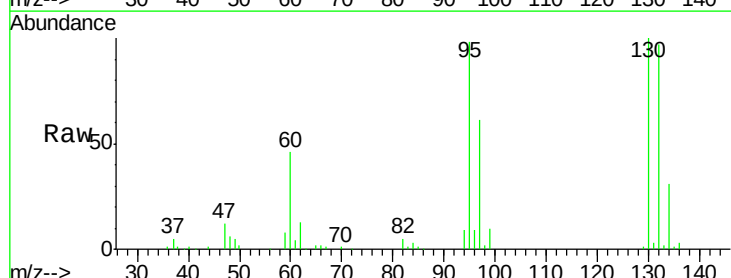
RT: 8.95 min Scan# 1183

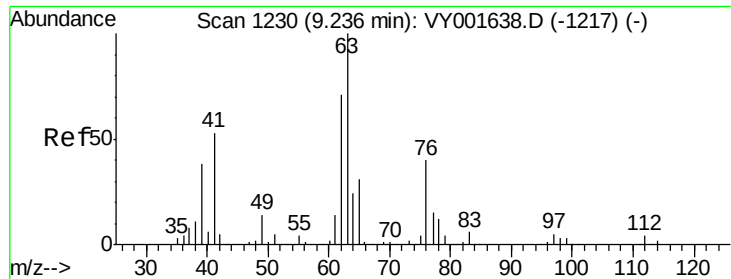
Delta R.T. -0.01 min

Lab File: VY001767.D

Acq: 24 Feb 2020 12:55

Tgt Ion:	130	Resp:	45531
Ion	Ratio	Lower	Upper
130	100		
95	98.5	0.0	200.6





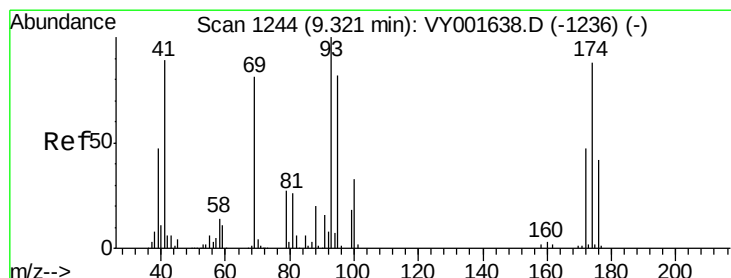
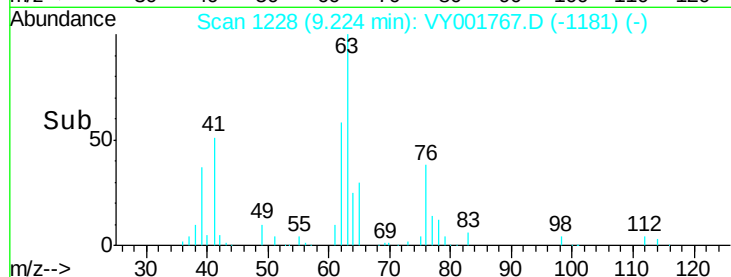
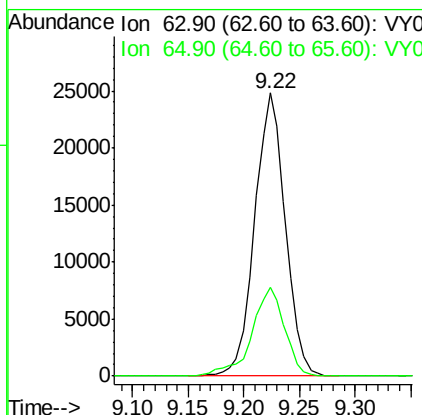
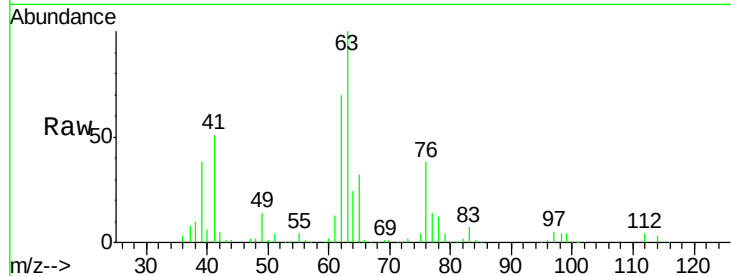
#45
 1,2-Dichloropropane
 Concen: 19.652 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: VY001767.D
 Acq: 24 Feb 2020 12:55

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0224SBS01

Tot Ion: 63 Resp: 47548
 Ion Ratio Lower Upper
 63 100
 65 31.5 24.6 37.0

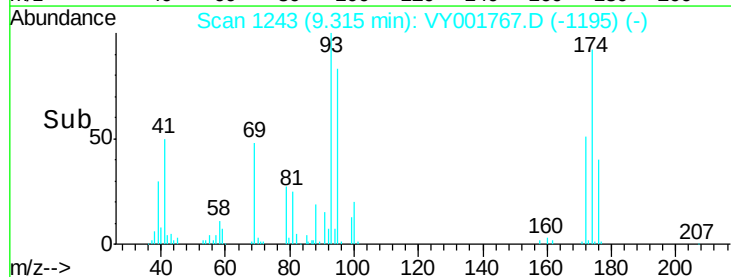
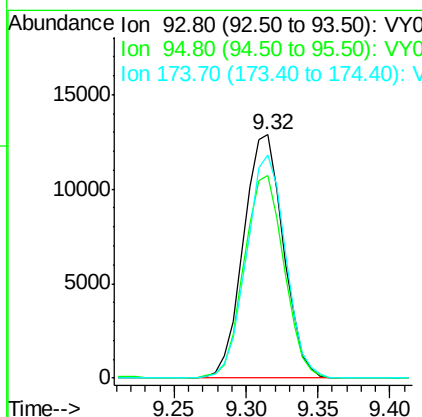
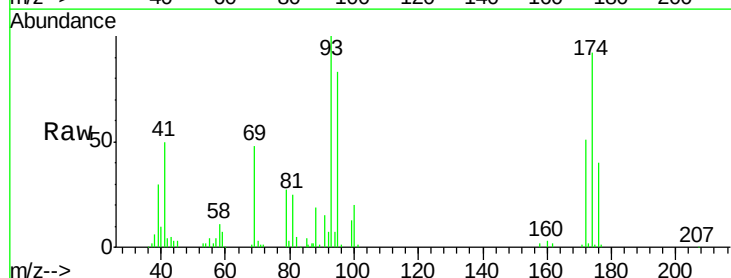
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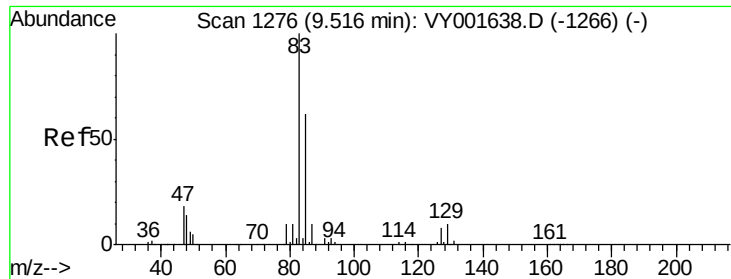
MMDadoda
 2/25/2020 10:53:59 AM



#46
 Dibromomethane
 Concen: 19.461 ug/l
 RT: 9.32 min Scan# 1243
 Delta R.T. -0.01 min
 Lab File: VY001767.D
 Acq: 24 Feb 2020 12:55

Tgt Ion: 93 Resp: 24627
 Ion Ratio Lower Upper
 93 100
 95 83.2 66.1 99.1
 174 90.0 72.5 108.7





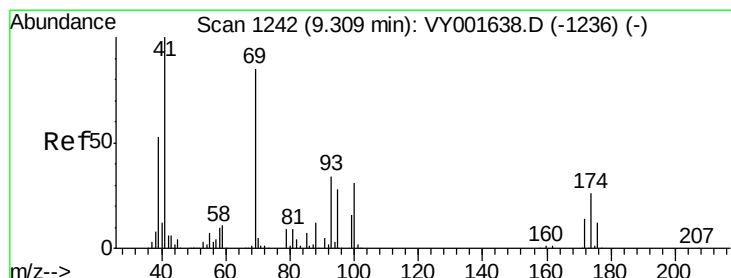
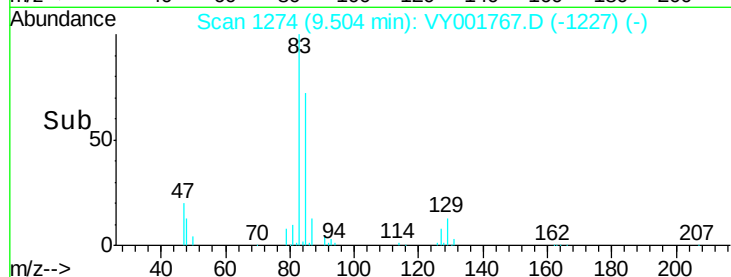
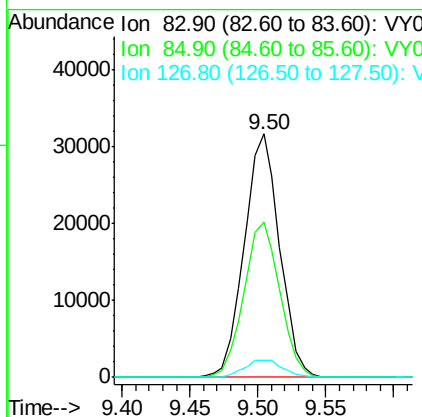
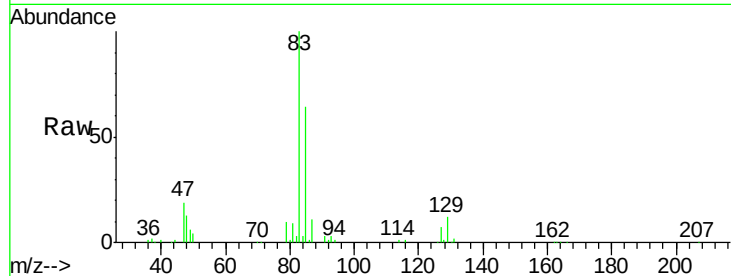
#47
Bromodichloromethane
Concen: 18.859 ug/l
RT: 9.50 min Scan# 1274
Delta R.T. -0.01 min
Lab File: VY001767.D
Acq: 24 Feb 2020 12:55

Instrument :
MSVOA_Y
ClientSampleId :
VY0224SBS01

Tot Ion	83	Resp	57598
Ion Ratio	100	Lower	Upper
83	100		
85	63.5	51.4	77.0
127	7.2	6.4	9.6

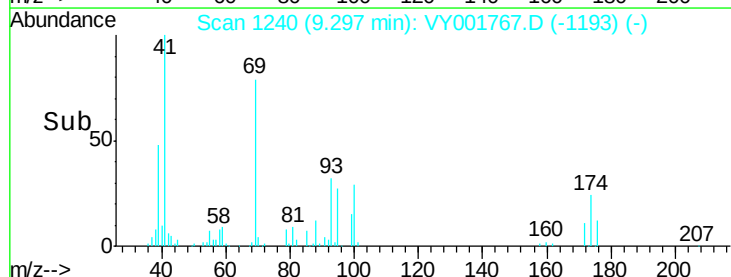
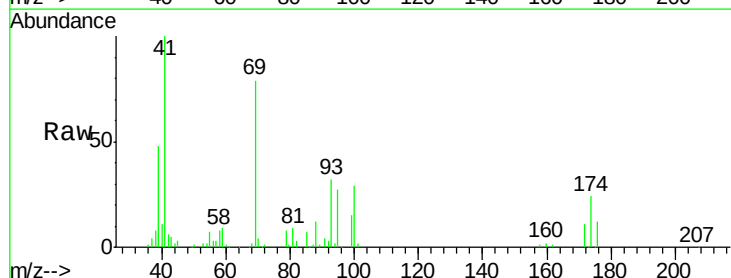
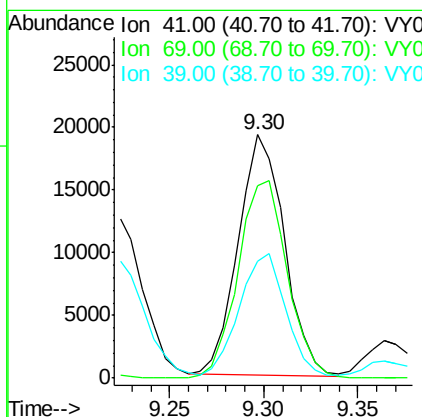
Manual Integrations
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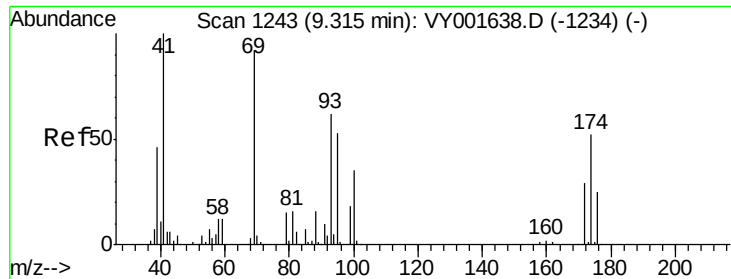
MMDadoda
2/25/2020 10:53:59 AM



#48
Methyl methacrylate
Concen: 19.436 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. -0.01 min
Lab File: VY001767.D
Acq: 24 Feb 2020 12:55

Tgt Ion	41	Resp	32698
Ion Ratio	100	Lower	Upper
41	100		
69	87.3	70.7	106.1
39	53.0	42.2	63.2





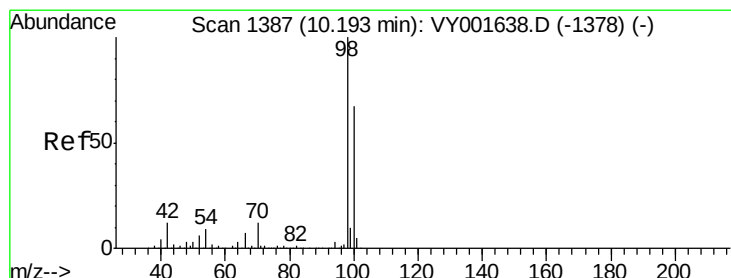
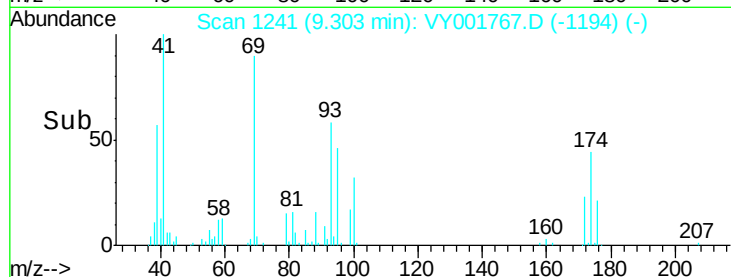
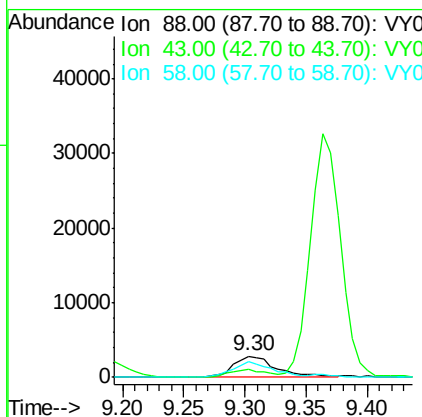
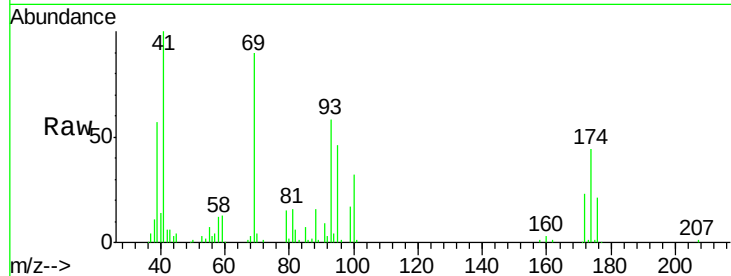
#49
1,4-Dioxane
Concen: 386.995 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. -0.01 min
Lab File: VY001767.D
Acq: 24 Feb 2020 12:55

Instrument :
MSVOA_Y
ClientSampleId :
VY0224SBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.2	23.1	34.7
58	68.6	58.1	87.1

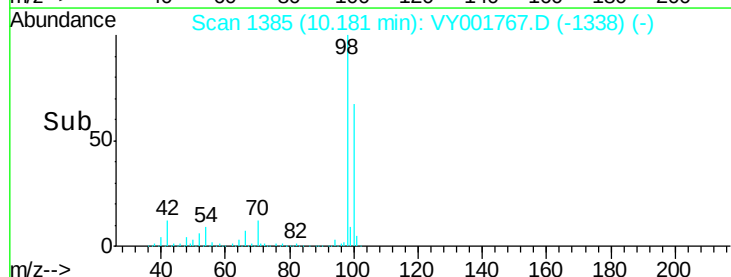
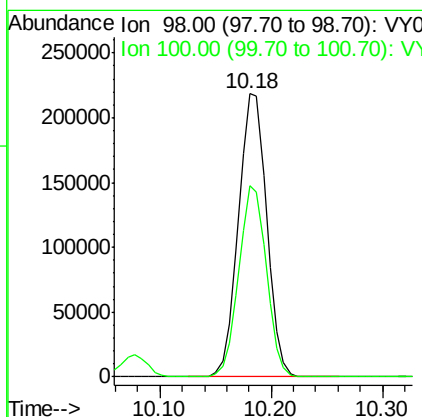
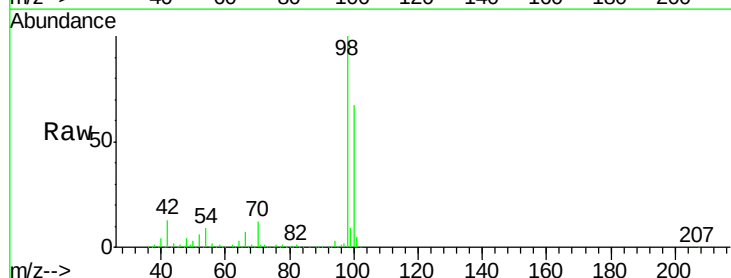
Manual Integrations
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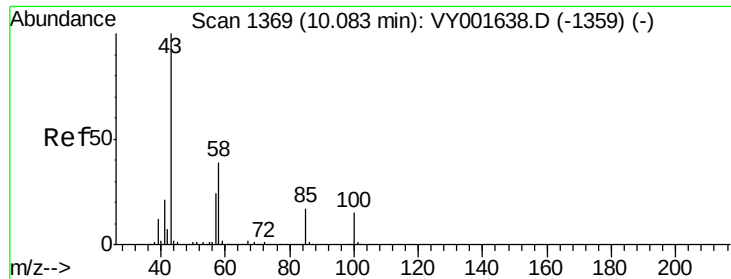
MMDadoda
2/25/2020 10:53:59 AM



#50
Toluene-d8
Concen: 49.815 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.01 min
Lab File: VY001767.D
Acq: 24 Feb 2020 12:55

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.0	53.0	79.4





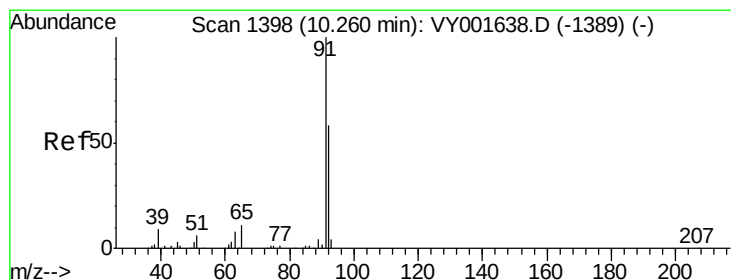
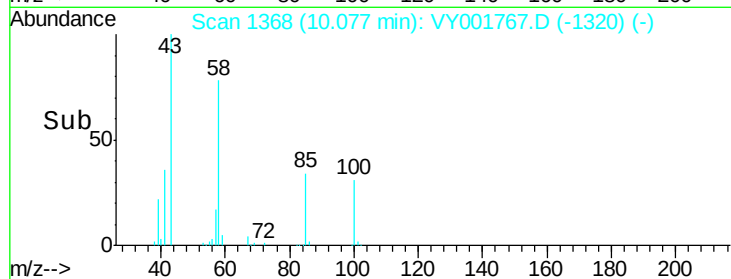
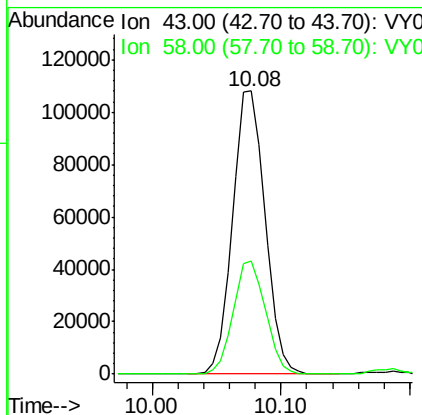
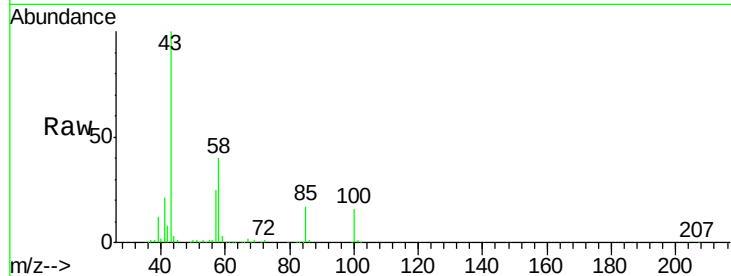
#51
 4-Methyl-2-Pentanone
 Concen: 99.397 ug/l
 RT: 10.08 min Scan# 1368
 Delta R.T. -0.01 min
 Lab File: VY001767.D
 Acq: 24 Feb 2020 12:55

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0224SBS01

Tot Ion	43	Resp	189972
Ion Ratio	100	Lower	Upper
58	39.6	32.2	48.4

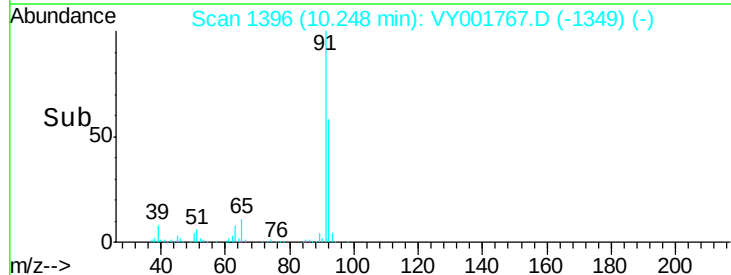
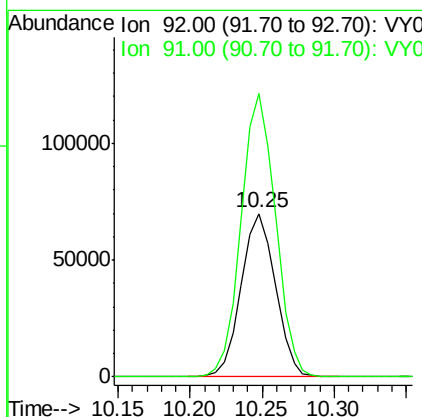
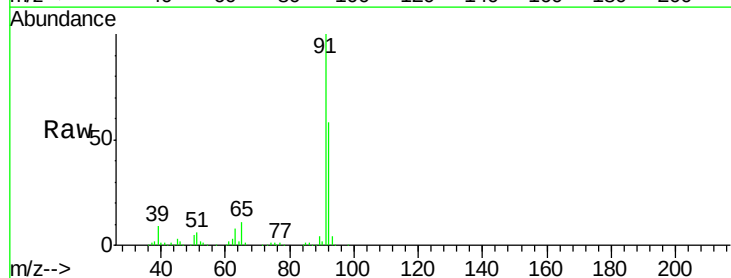
Manual Integrations
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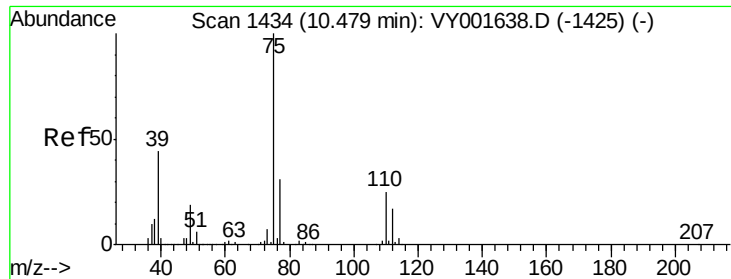
MMDadoda
 2/25/2020 10:53:59 AM



#52
 Toluene
 Concen: 19.188 ug/l
 RT: 10.25 min Scan# 1396
 Delta R.T. -0.01 min
 Lab File: VY001767.D
 Acq: 24 Feb 2020 12:55

Tgt Ion	92	Resp	115631
Ion Ratio	100	Lower	Upper
91	173.1	137.0	205.6





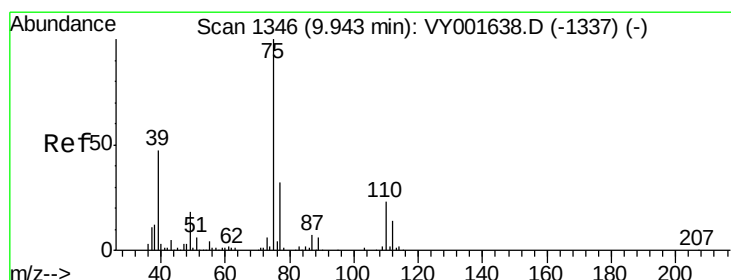
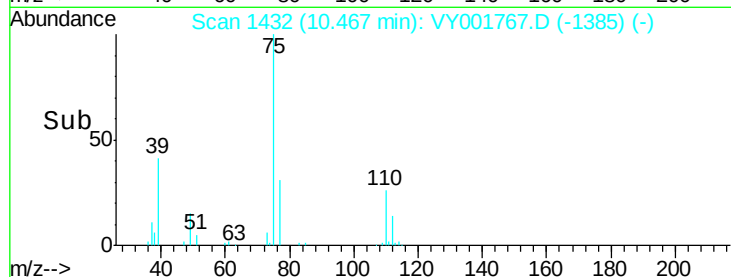
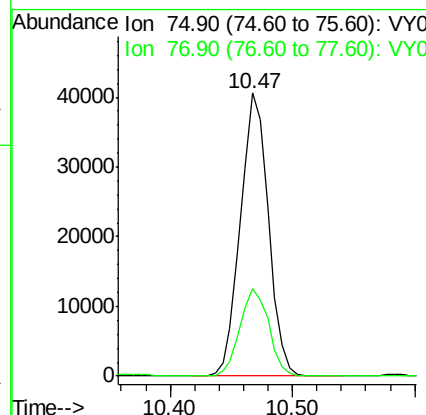
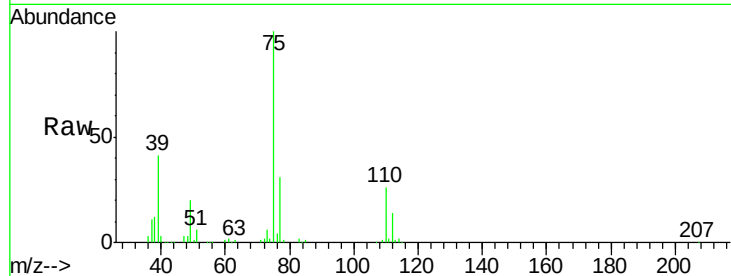
#53
 t-1,3-Dichloropropene
 Concen: 19.064 ug/l
 RT: 10.47 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: VY001767.D
 Acq: 24 Feb 2020 12:55

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0224SBS01

Tot Ion: 75 Resp: 64368
 Ion Ratio Lower Upper
 75 100
 77 31.0 25.2 37.8

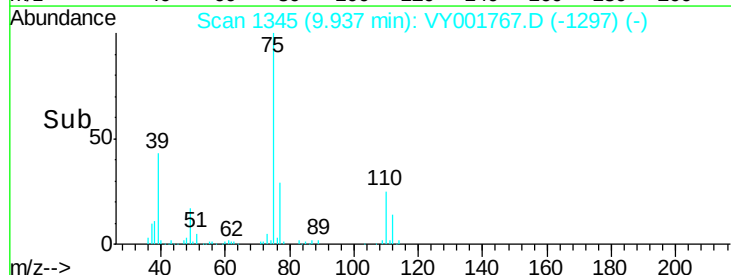
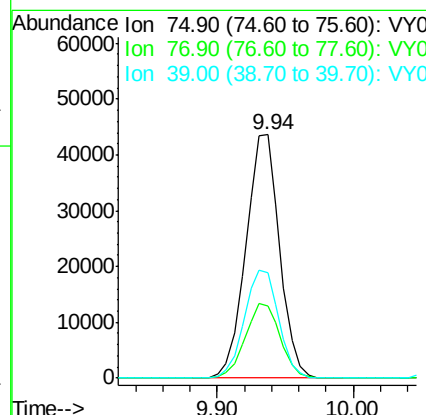
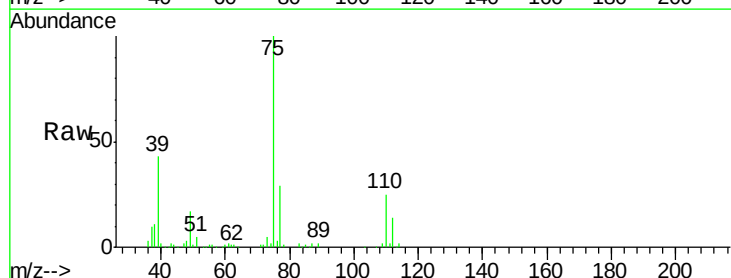
Manual Integrations
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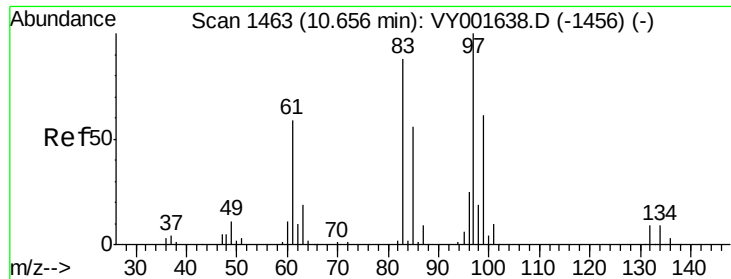
MMDadoda
 2/25/2020 10:53:59 AM



#54
 cis-1,3-Dichloropropene
 Concen: 19.393 ug/l
 RT: 9.94 min Scan# 1345
 Delta R.T. -0.01 min
 Lab File: VY001767.D
 Acq: 24 Feb 2020 12:55

Tgt Ion: 75 Resp: 75362
 Ion Ratio Lower Upper
 75 100
 77 29.4 25.7 38.5
 39 43.1 35.7 53.5





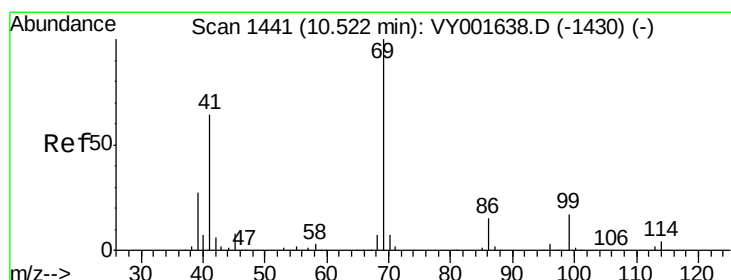
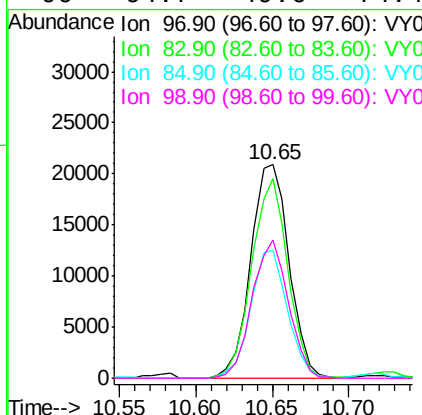
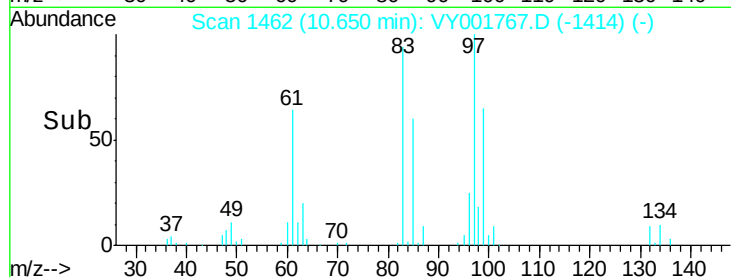
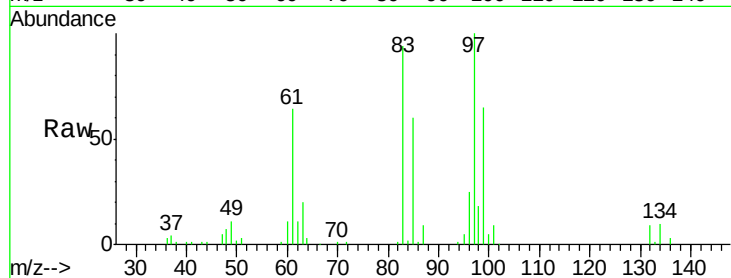
#55
1,1,2-Trichloroethane
Concen: 19.545 ug/l
RT: 10.65 min Scan# 1462
Delta R.T. -0.01 min
Lab File: VY001767.D
Acq: 24 Feb 2020 12:55

Instrument :
MSVOA_Y
ClientSampleId :
VY0224SBS01

Tot Ion:	97	Resp:	36471
Ion	Ratio	Lower	Upper
97	100		
83	93.6	69.7	104.5
85	60.2	44.5	66.7
99	64.7	49.6	74.4

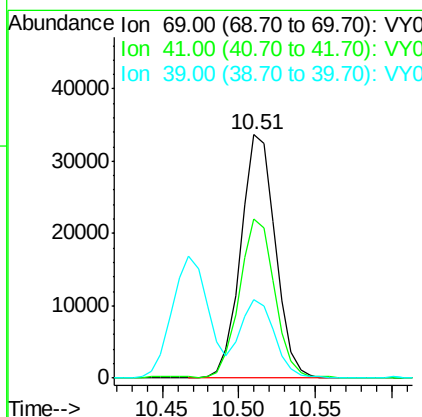
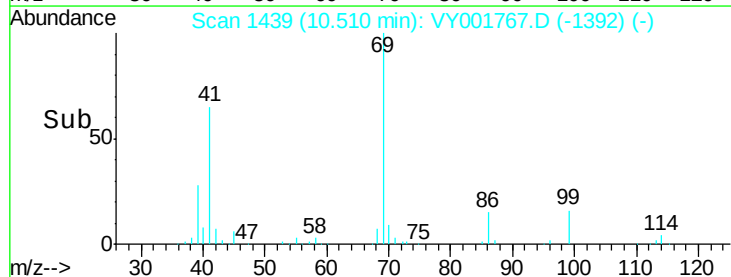
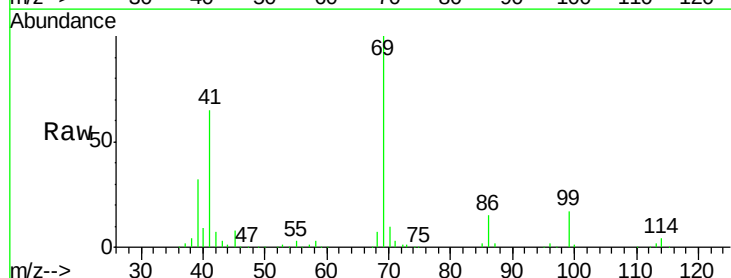
Manual Integrations
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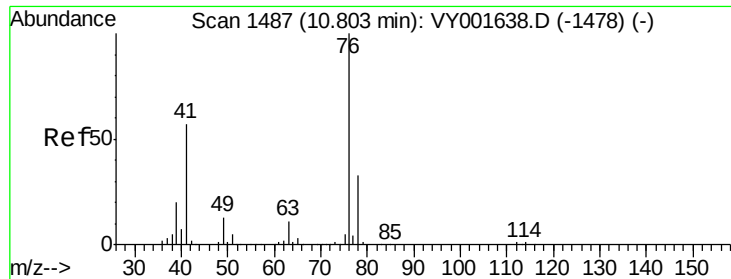
MMDadoda
2/25/2020 10:53:59 AM



#56
Ethyl methacrylate
Concen: 18.861 ug/l
RT: 10.51 min Scan# 1439
Delta R.T. -0.01 min
Lab File: VY001767.D
Acq: 24 Feb 2020 12:55

Tgt Ion:	69	Resp:	52797
Ion	Ratio	Lower	Upper
69	100		
41	67.1	51.0	76.4
39	32.2	24.7	37.1





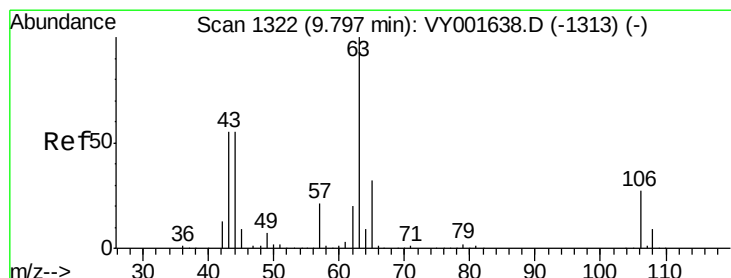
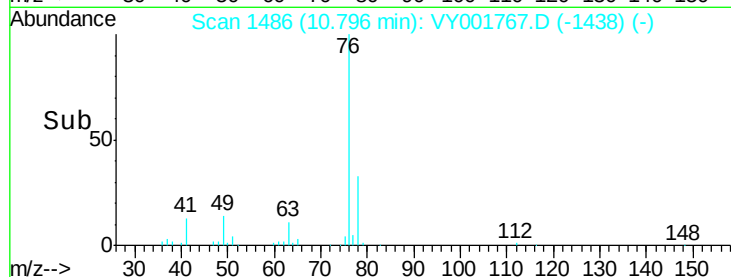
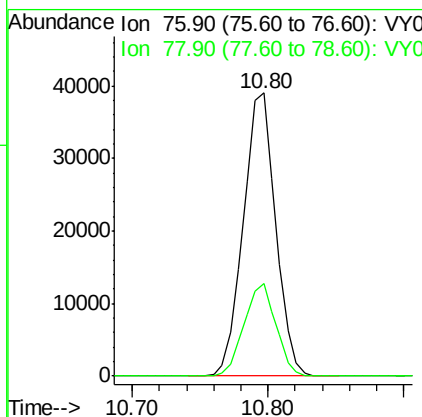
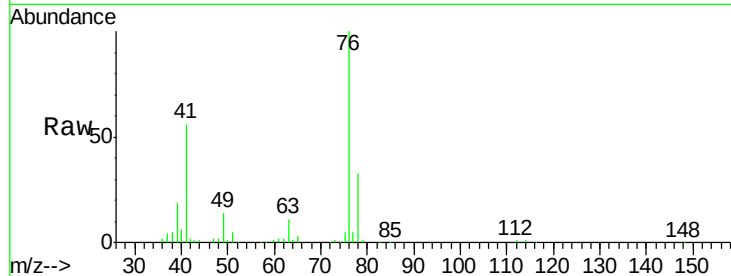
#57
 1,3-Dichloropropane
 Concen: 19.678 ug/l
 RT: 10.80 min Scan# 1486
 Delta R.T. -0.01 min
 Lab File: VY001767.D
 Acq: 24 Feb 2020 12:55

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0224SBS01

Tot Ion: 76 Resp: 65244
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.7 38.5

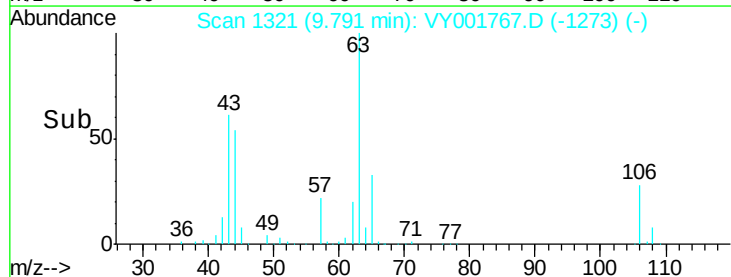
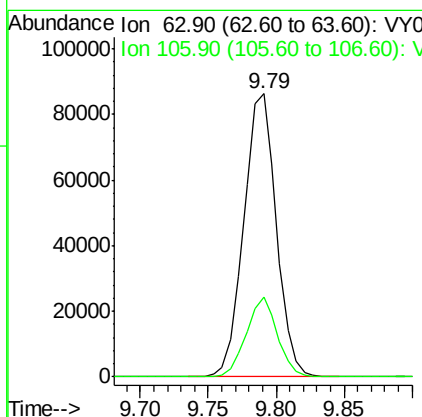
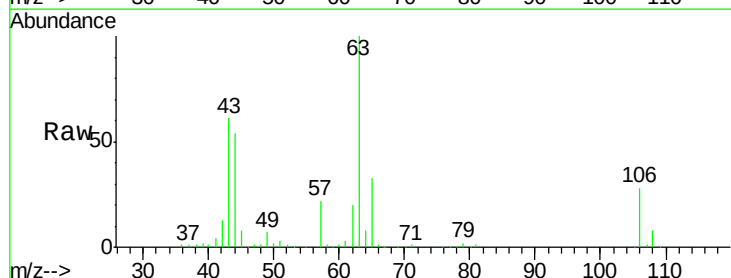
Manual Integrations
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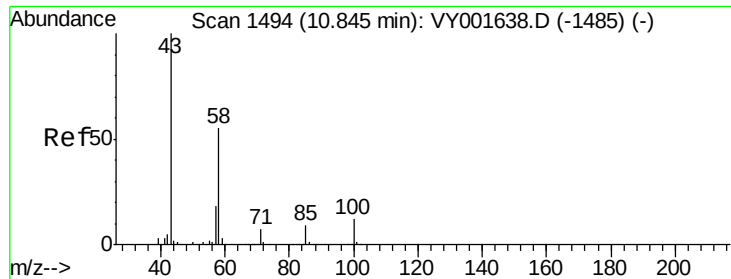
MMDadoda
 2/25/2020 10:53:59 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 127.422 ug/l
 RT: 9.79 min Scan# 1321
 Delta R.T. -0.01 min
 Lab File: VY001767.D
 Acq: 24 Feb 2020 12:55

Tgt Ion: 63 Resp: 144014
 Ion Ratio Lower Upper
 63 100
 106 27.0 21.6 32.4





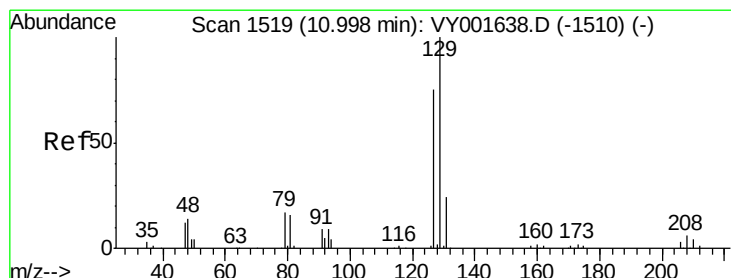
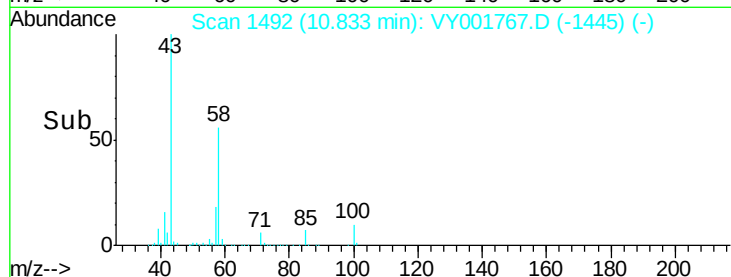
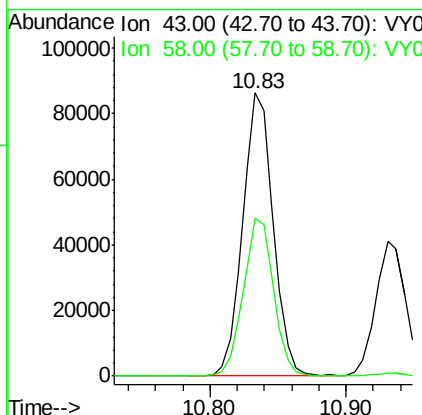
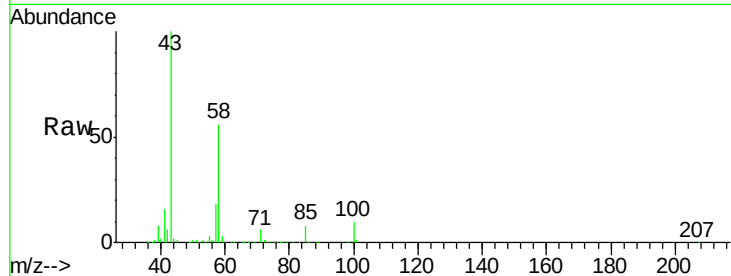
#59
2-Hexanone
Concen: 94.279 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.01 min
Lab File: VY001767.D
Acq: 24 Feb 2020 12:55

Instrument :
MSVOA_Y
ClientSampleId :
VY0224SBS01

Tot Ion: 43 Resp: 135200
Ion Ratio Lower Upper
43 100
58 55.5 28.4 85.2

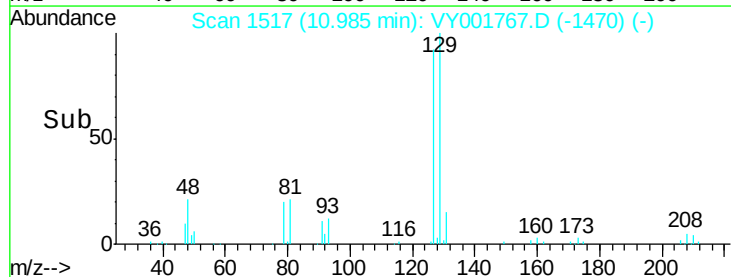
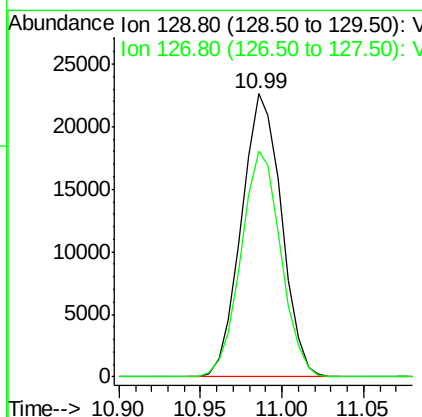
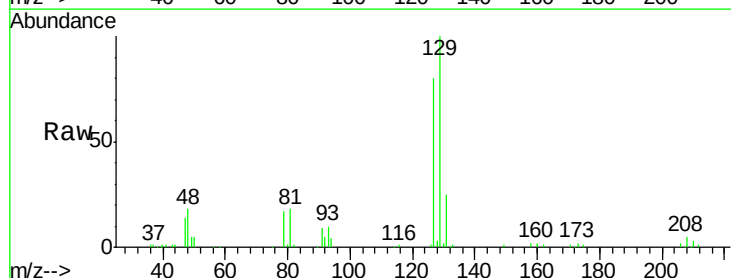
Manual Integrations
APPROVED

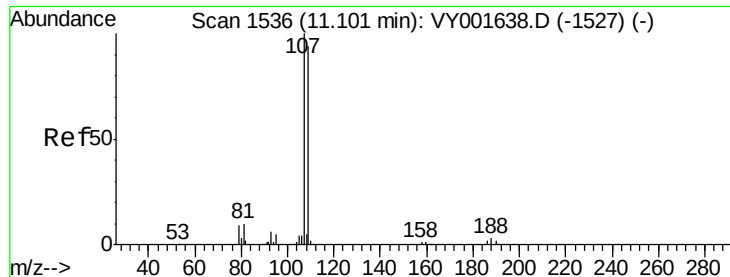
MMDadoda
2/25/2020 10:53:59 AM



#60
Dibromochloromethane
Concen: 18.778 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.01 min
Lab File: VY001767.D
Acq: 24 Feb 2020 12:55

Tgt Ion: 129 Resp: 38631
Ion Ratio Lower Upper
129 100
127 79.3 38.9 116.6





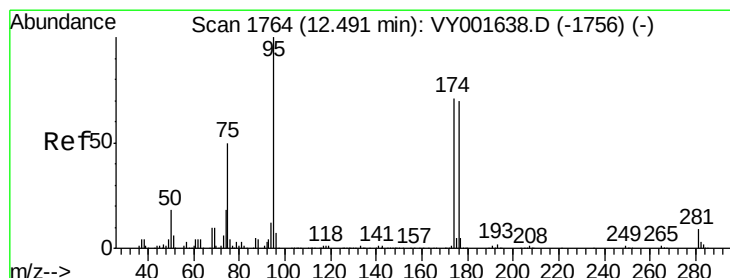
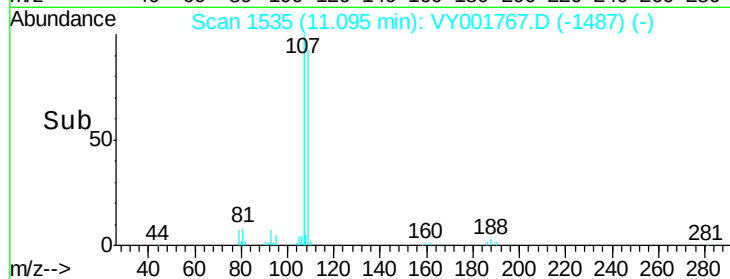
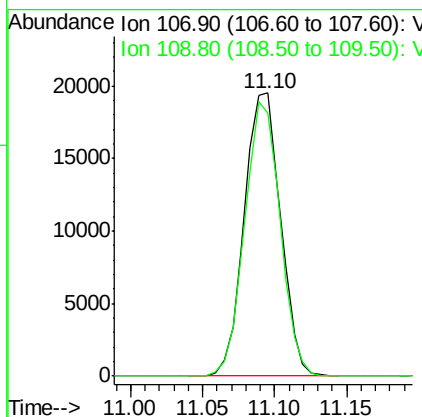
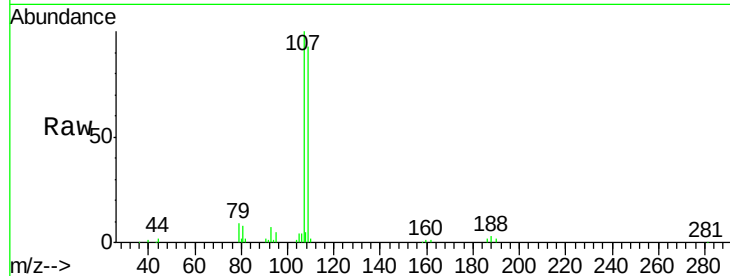
#61
 1,2-Dibromoethane
 Concen: 19.260 ug/l
 RT: 11.10 min Scan# 1535
 Delta R.T. -0.01 min
 Lab File: VY001767.D
 Acq: 24 Feb 2020 12:55

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0224SBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.9	74.2	111.4

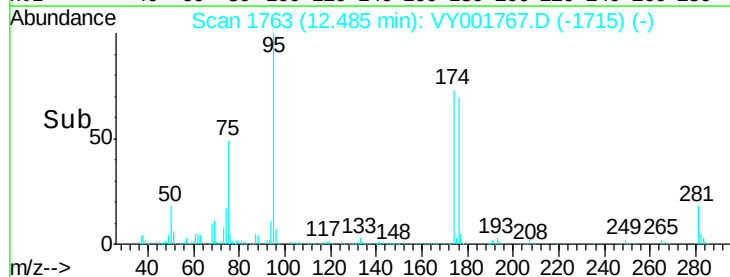
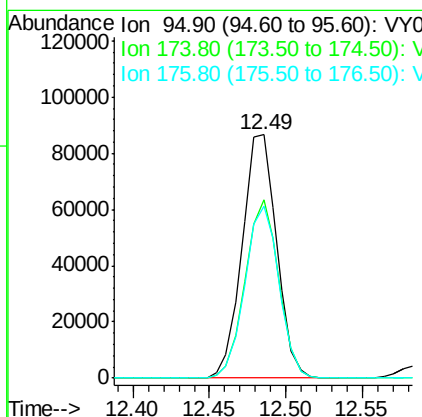
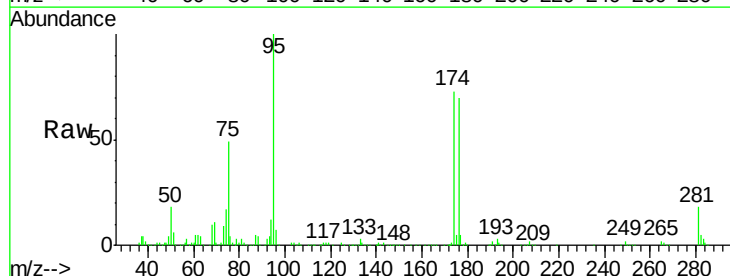
Manual Integrations
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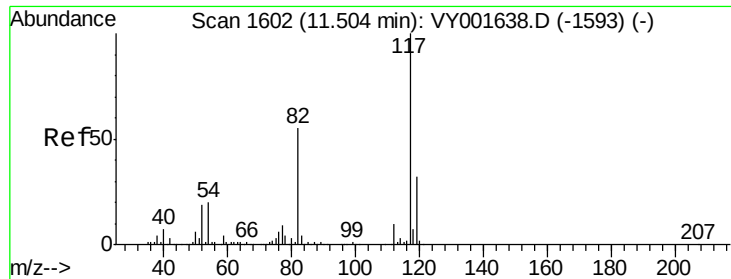
MMDadoda
 2/25/2020 10:53:59 AM



#62
 4-Bromofluorobenzene
 Concen: 45.236 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. -0.01 min
 Lab File: VY001767.D
 Acq: 24 Feb 2020 12:55

Tgt Ion	Ratio	Lower	Upper
95	100		
174	71.2	0.0	138.4
176	69.9	0.0	131.8





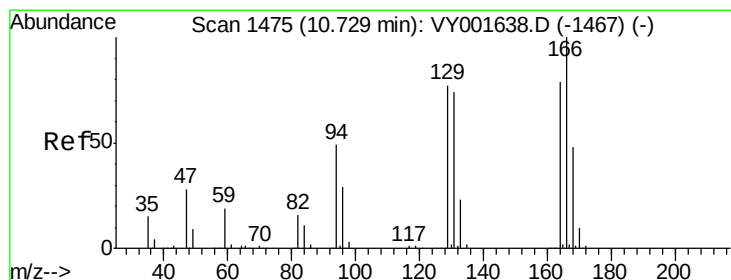
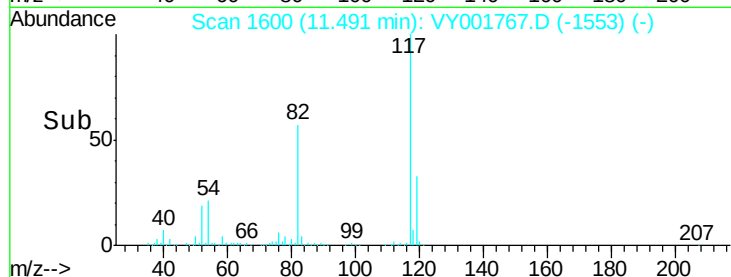
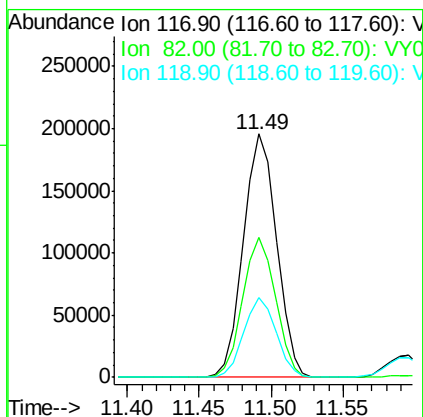
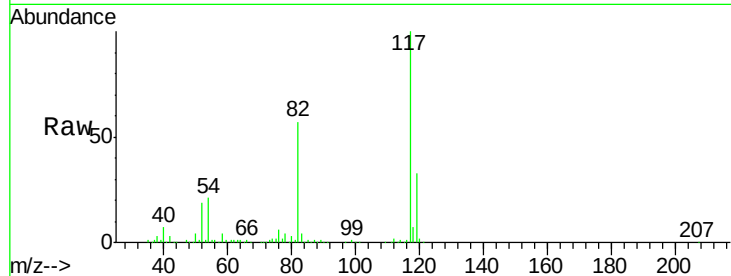
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY001767.D
Acq: 24 Feb 2020 12:55

Instrument :
MSVOA_Y
ClientSampleId :
VY0224SBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	312637		
82	57.3		45.5	68.3
119	32.9		25.8	38.6

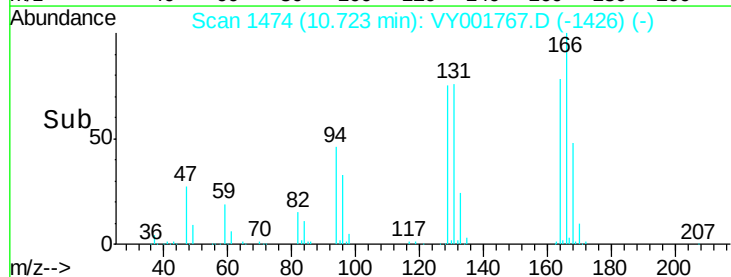
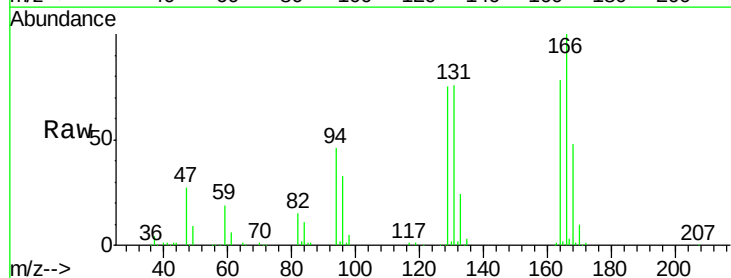
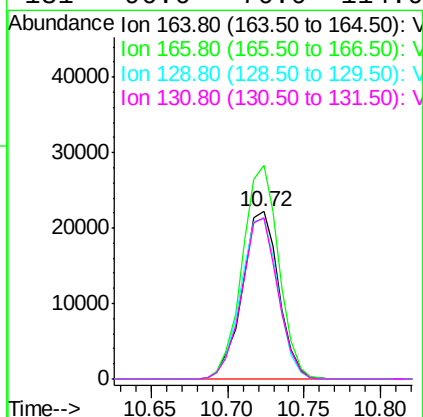
Manual Integrations
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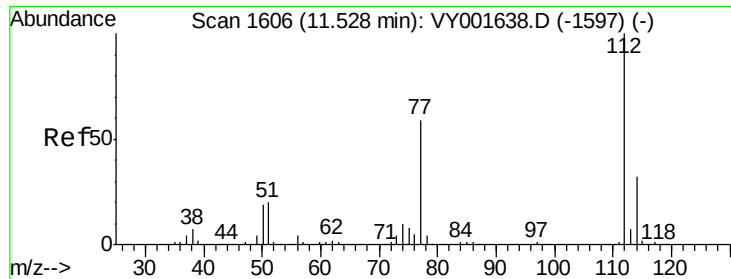
MMDadoda
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#64
Tetrachloroethene
Concen: 18.787 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. -0.01 min
Lab File: VY001767.D
Acq: 24 Feb 2020 12:55

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	36871		
166	127.8		101.4	152.0
129	95.5		78.7	118.1
131	96.6		76.0	114.0





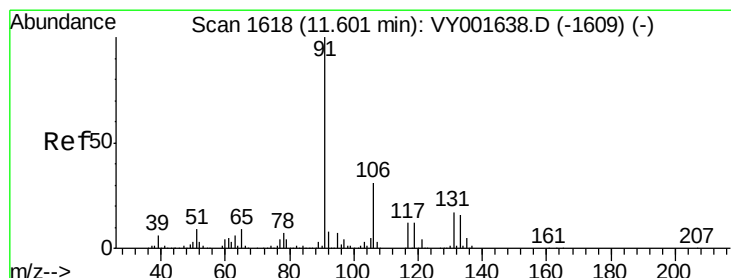
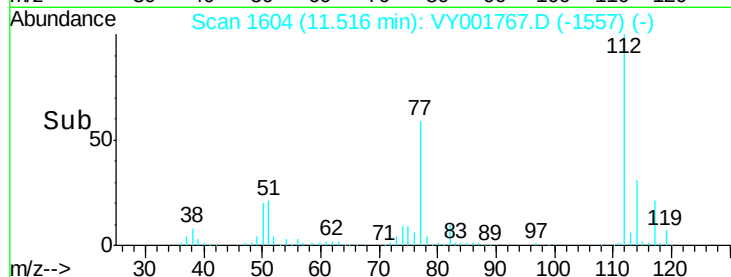
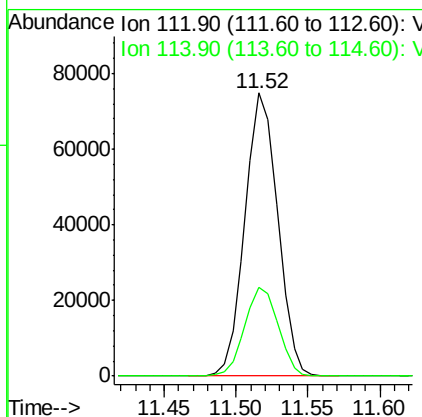
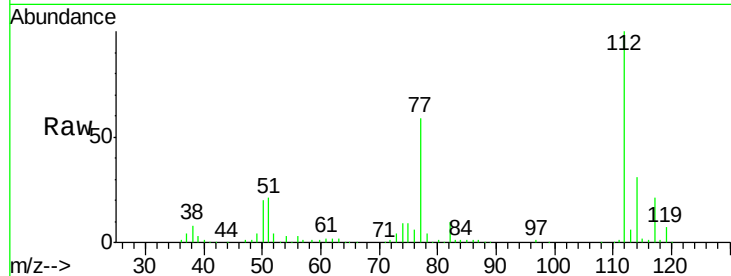
#65
Chlorobenzene
Concen: 18.937 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.01 min
Lab File: VY001767.D
Acq: 24 Feb 2020 12:55

Instrument :
MSVOA_Y
ClientSampleId :
VY0224SBS01

Tot Ion:112 Resp: 118202
Ion Ratio Lower Upper
112 100
114 31.3 25.4 38.2

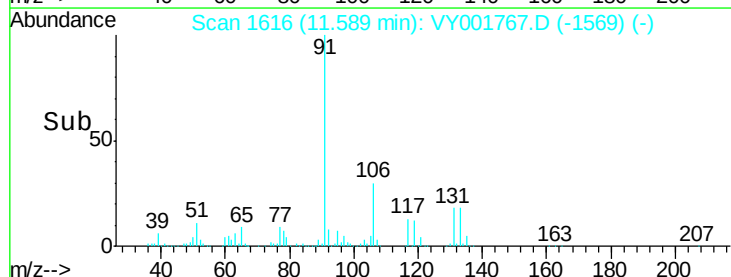
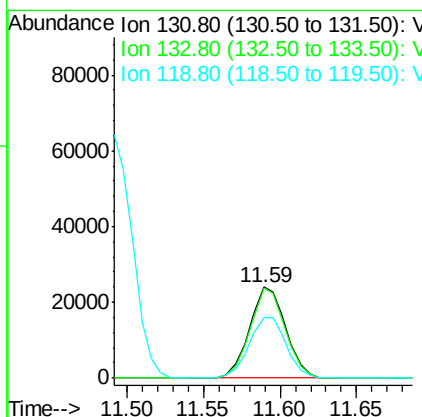
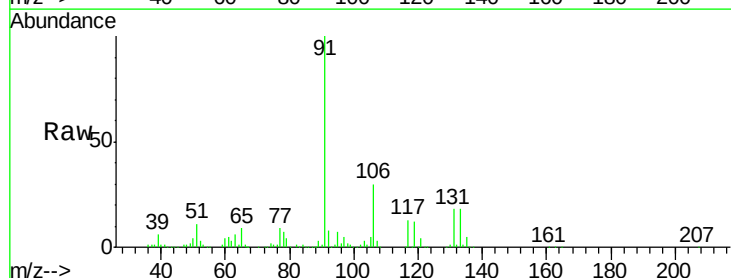
Manual Integrations
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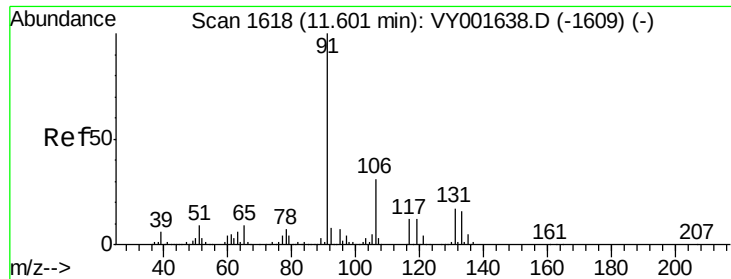
MMDadoda
2/25/2020 10:53:59 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 18.721 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.01 min
Lab File: VY001767.D
Acq: 24 Feb 2020 12:55

Tgt Ion:131 Resp: 39418
Ion Ratio Lower Upper
131 100
133 96.2 47.4 142.2
119 69.4 34.4 103.1





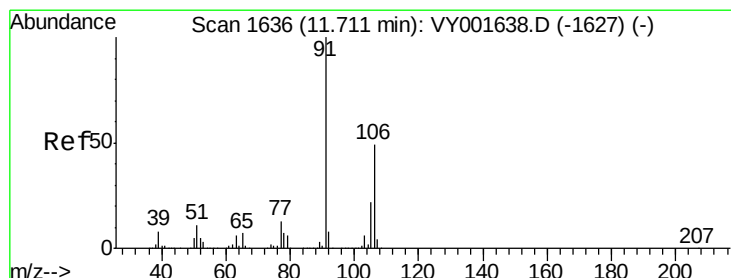
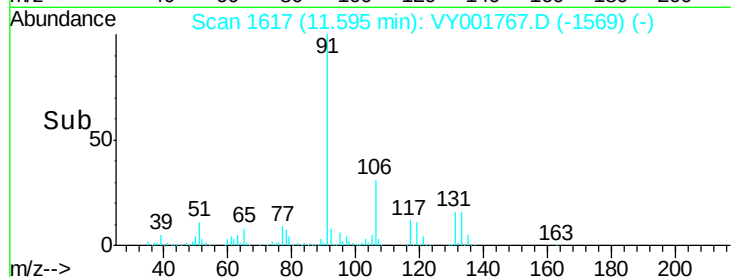
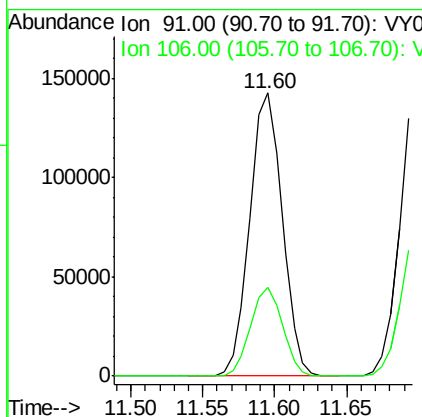
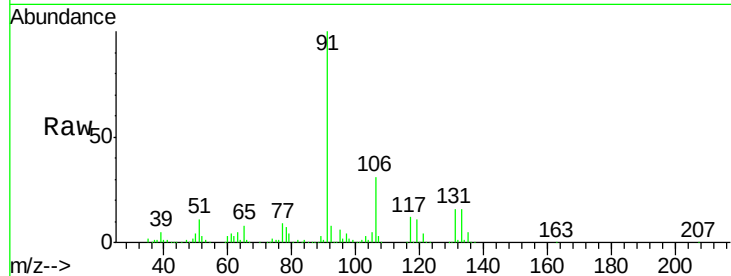
#67
Ethyl Benzene
Concen: 19.211 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. -0.01 min
Lab File: VY001767.D
Acq: 24 Feb 2020 12:55

Instrument :
MSVOA_Y
ClientSampleId :
VY0224SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
106	31.3	24.5	36.7

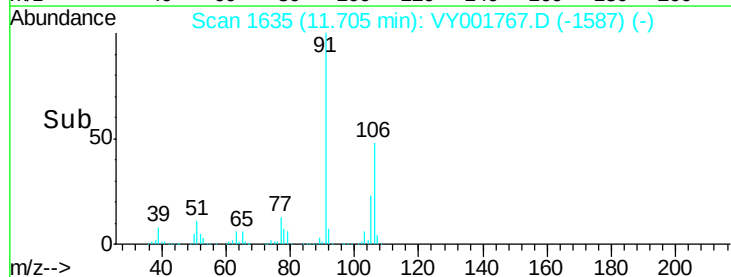
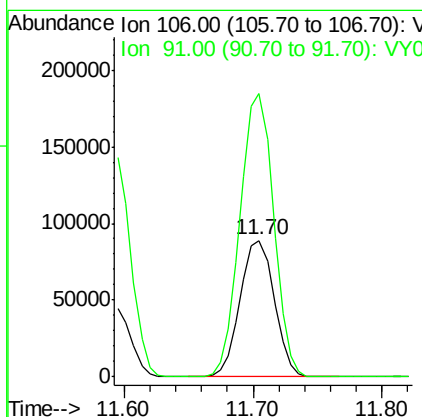
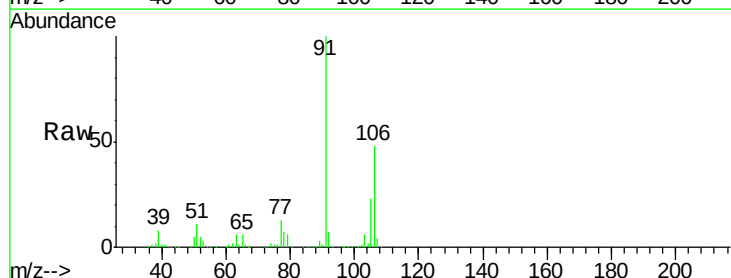
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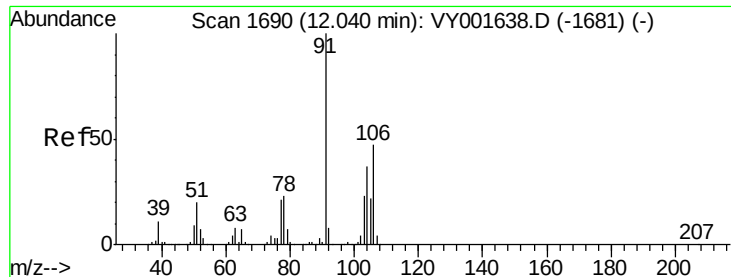
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#68
m/p-Xylenes
Concen: 37.898 ug/l
RT: 11.70 min Scan# 1635
Delta R.T. -0.01 min
Lab File: VY001767.D
Acq: 24 Feb 2020 12:55

Tgt Ion	Ratio	Lower	Upper
106	100		
91	204.1	163.3	244.9





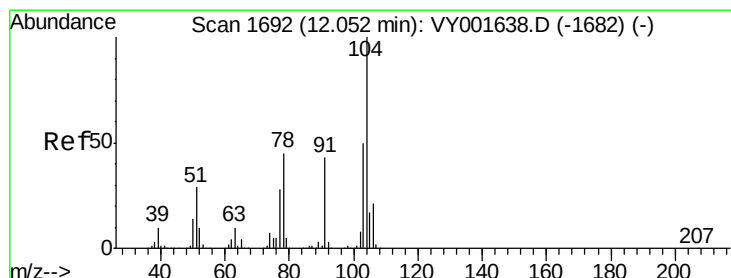
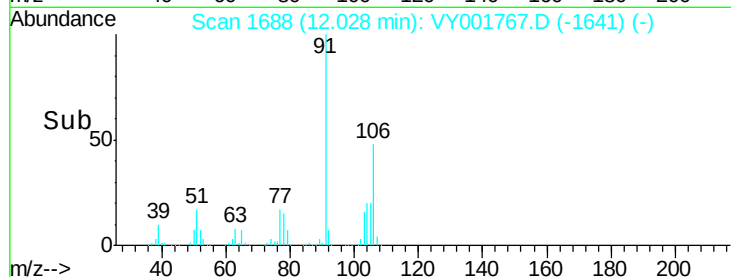
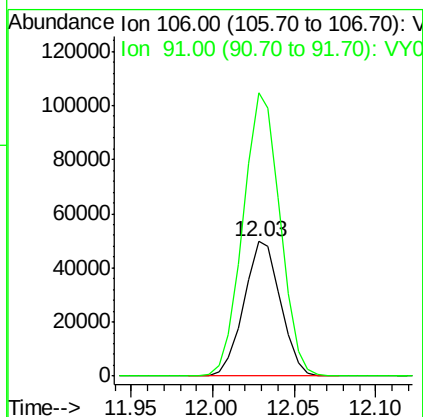
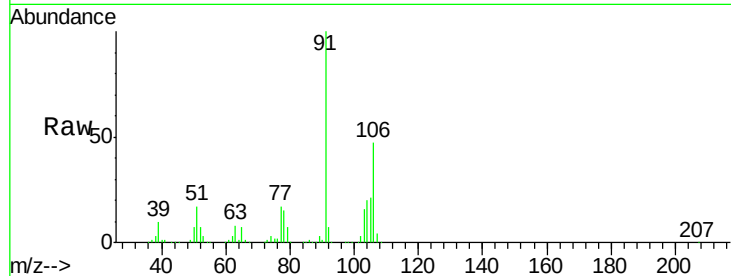
#69
o-Xylene
Concen: 18.941 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.01 min
Lab File: VY001767.D
Acq: 24 Feb 2020 12:55

Instrument :
MSVOA_Y
ClientSampleId :
VY0224SBS01

Tot Ion:106 Resp: 77916
Ion Ratio Lower Upper
106 100
91 212.4 108.3 324.9

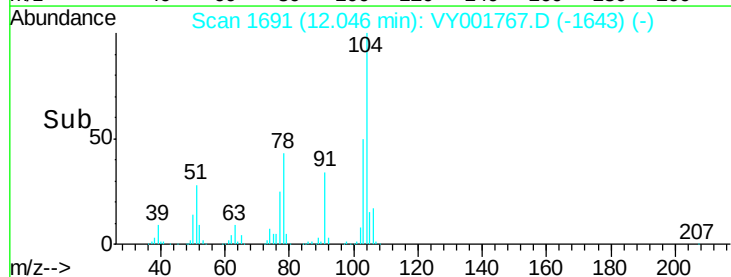
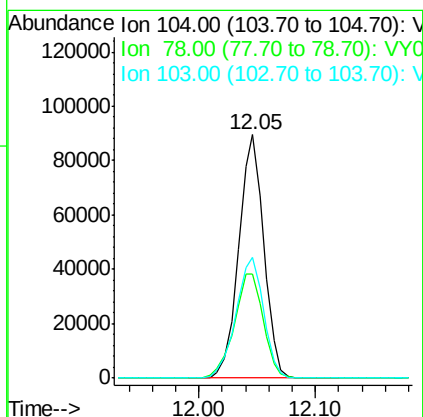
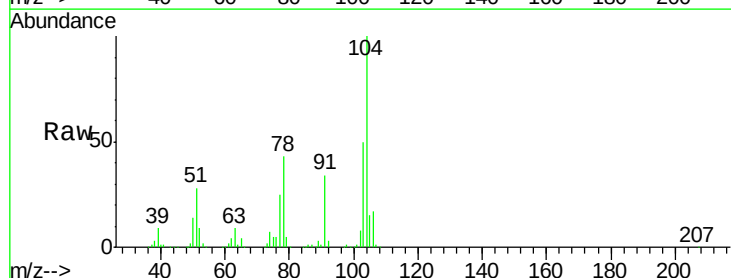
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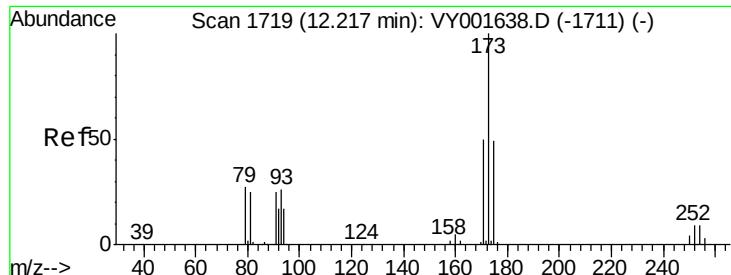
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#70
Styrene
Concen: 18.761 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. -0.01 min
Lab File: VY001767.D
Acq: 24 Feb 2020 12:55

Tgt Ion:104 Resp: 134119
Ion Ratio Lower Upper
104 100
78 49.5 39.2 58.8
103 54.9 43.0 64.6





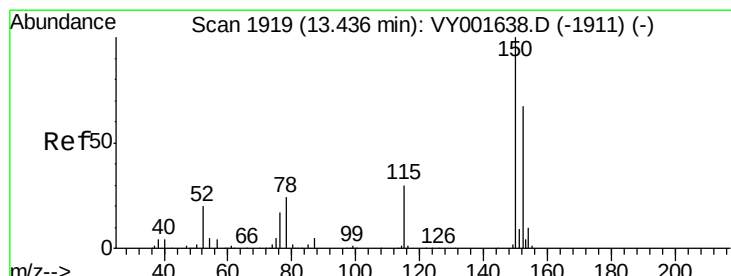
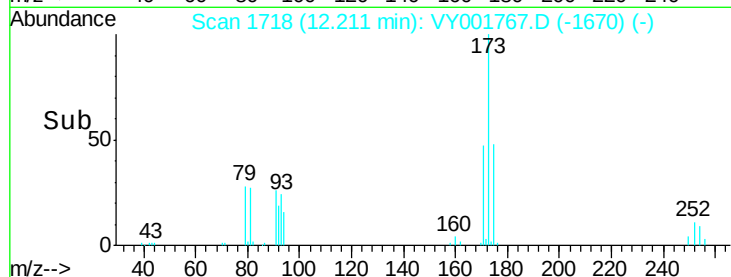
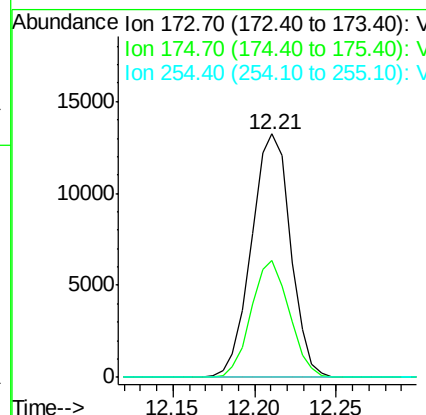
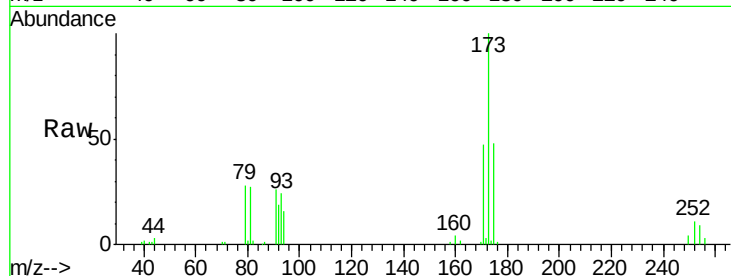
#71
Bromoform
Concen: 18.385 ug/l
RT: 12.21 min Scan# 1718
Delta R.T. -0.01 min
Lab File: VY001767.D
Acq: 24 Feb 2020 12:55

Instrument :
MSVOA_Y
ClientSampleId :
VY0224SBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	46.8	24.3	73.0
254	0.0	0.1	0.1#

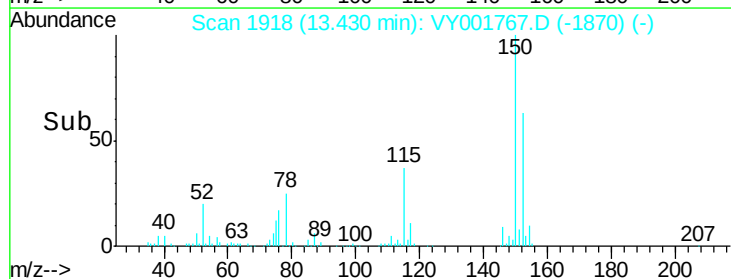
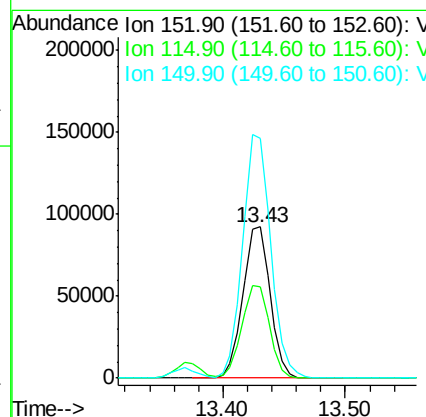
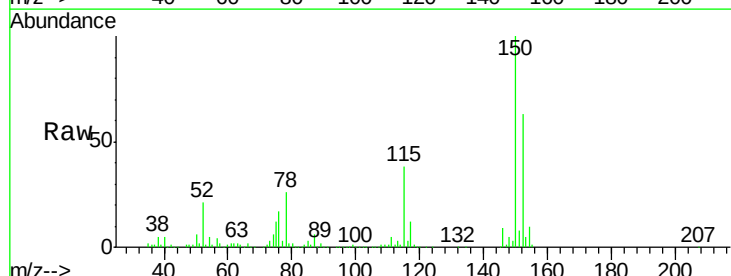
Manual Integrations
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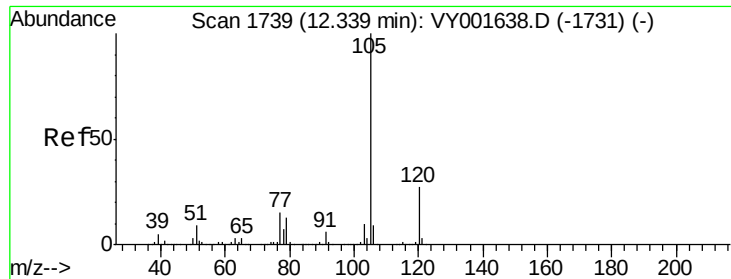
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. -0.01 min
Lab File: VY001767.D
Acq: 24 Feb 2020 12:55

Tgt Ion	Ratio	Lower	Upper
152	100		
115	62.0	31.4	94.2
150	166.2	0.0	407.2





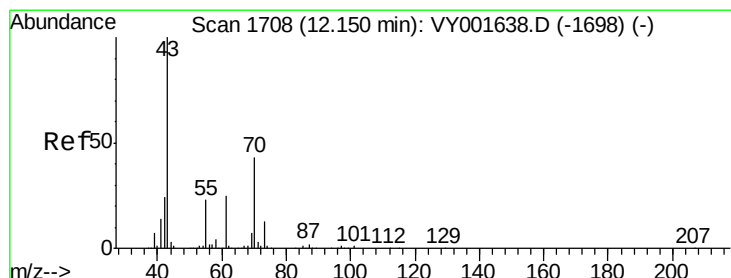
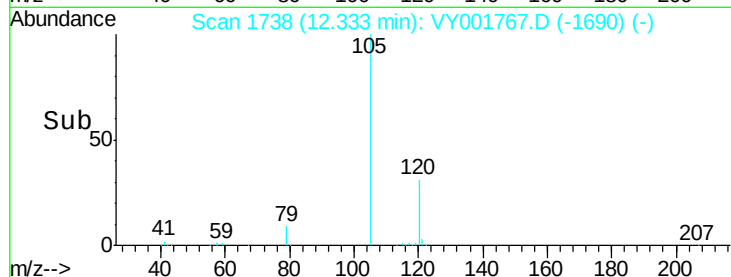
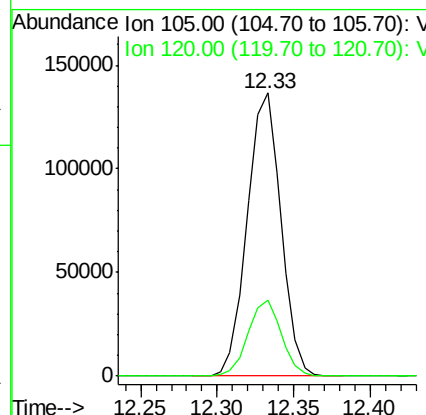
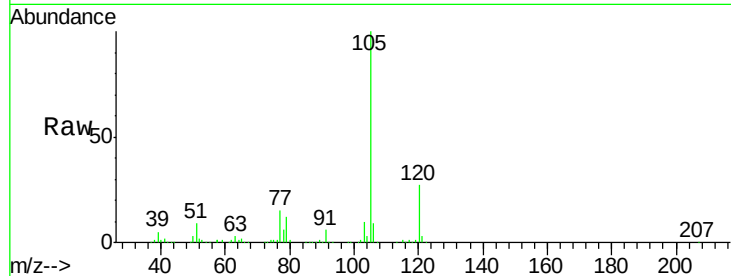
#73
Isopropylbenzene
Concen: 19.236 ug/l
RT: 12.33 min Scan# 1738
Delta R.T. -0.01 min
Lab File: VY001767.D
Acq: 24 Feb 2020 12:55

Instrument :
MSVOA_Y
ClientSampleId :
VY0224SBS01

Tot Ion	Ratio	Resp	Lower	Upper
105	100	208958		
120	26.6		13.4	40.1

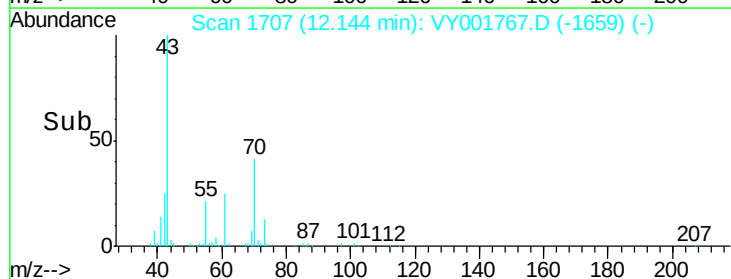
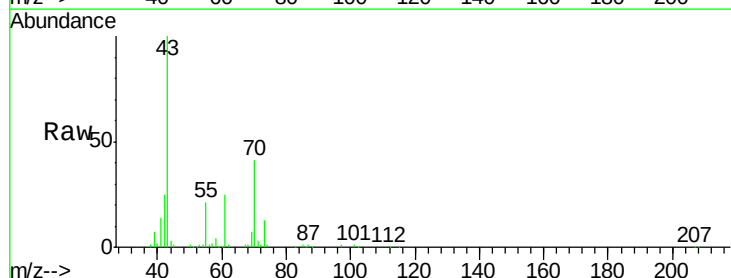
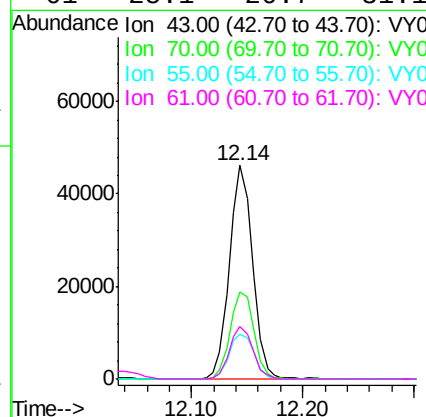
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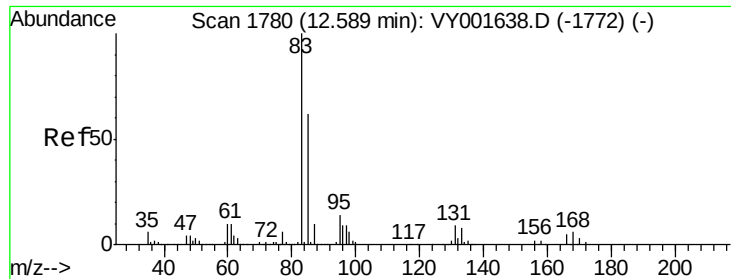
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#74
N-ethyl acetate
Concen: 19.227 ug/l
RT: 12.14 min Scan# 1707
Delta R.T. -0.01 min
Lab File: VY001767.D
Acq: 24 Feb 2020 12:55

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	66656		
70	41.8		35.9	53.9
55	22.7		18.3	27.5
61	25.1		20.7	31.1





#75

1,1,2,2-Tetrachloroethane

Concen: 19.561 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.01 min

Lab File: VY001767.D

Acq: 24 Feb 2020 12:55

Instrument :

MSVOA_Y

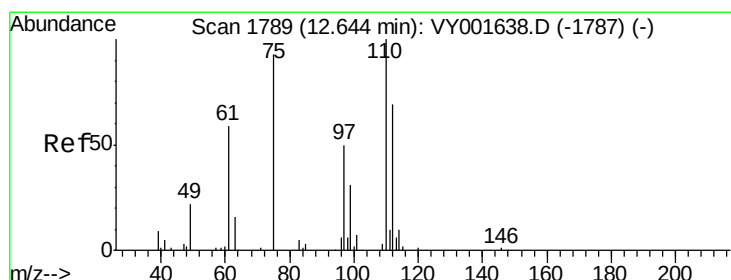
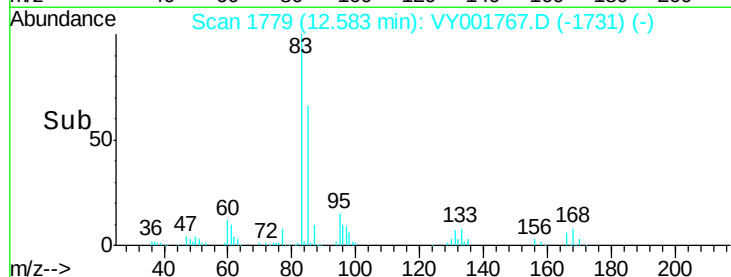
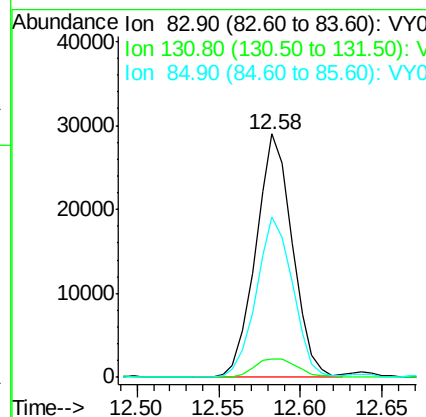
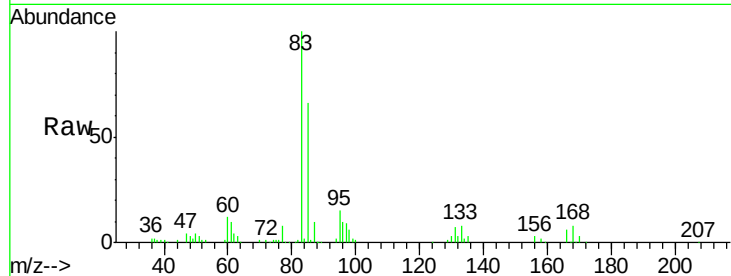
ClientSampleId :

VY0224SBS01

Tot Ion:	83	Resp:	45370
Ion	Ratio	Lower	Upper
83	100		
131	9.1	4.7	14.1
85	65.7	31.6	94.7

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#76

1,2,3-Trichloropropane

Concen: 21.265 ug/l m

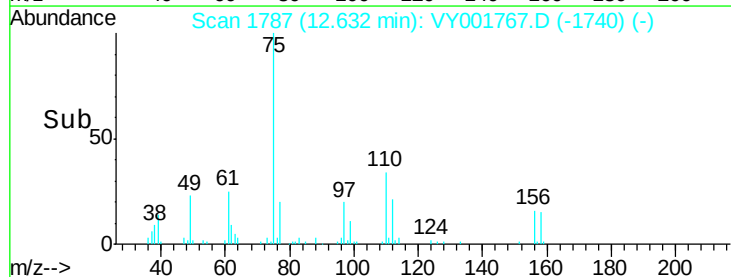
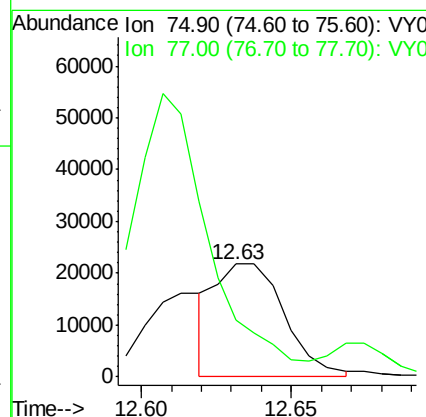
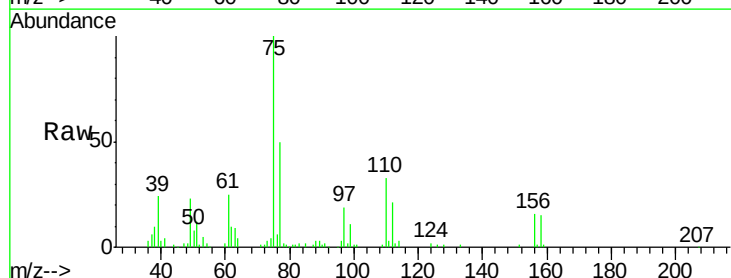
RT: 12.63 min Scan# 1787

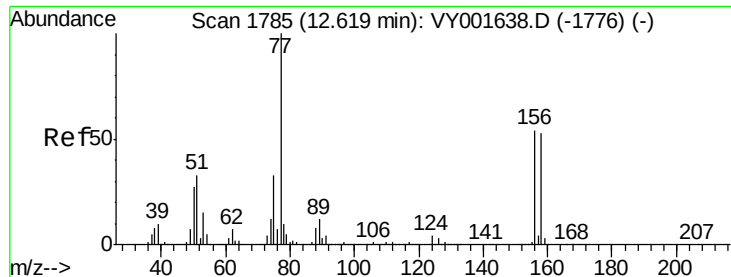
Delta R.T. -0.01 min

Lab File: VY001767.D

Acq: 24 Feb 2020 12:55

Tgt Ion:	75	Resp:	34783
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 19.309 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.01 min

Lab File: VY001767.D

Acq: 24 Feb 2020 12:55

Instrument :

MSVOA_Y

ClientSampleId :

VY0224SBS01

Tot Ion:156 Resp: 45469

Ion Ratio Lower Upper

156 100

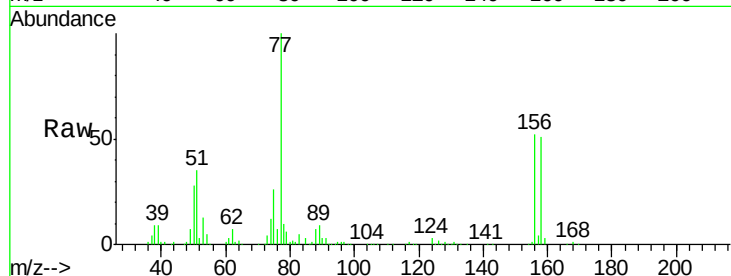
77 216.4 110.1 330.1

158 96.5 47.9 143.7

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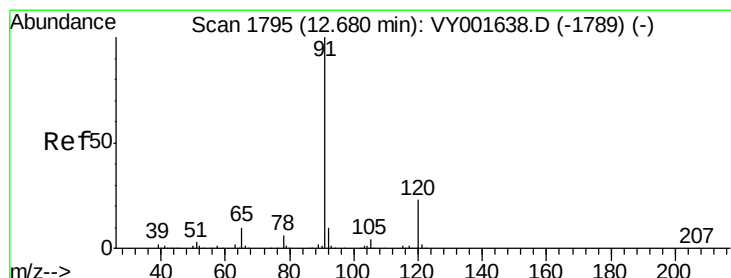
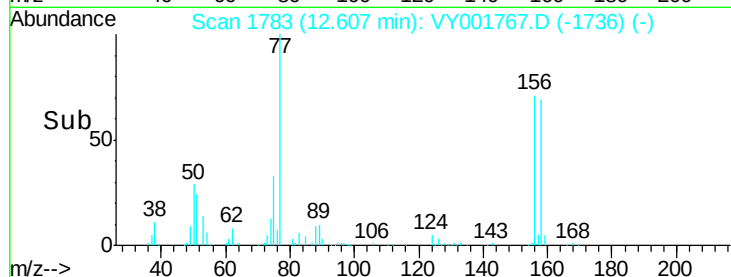
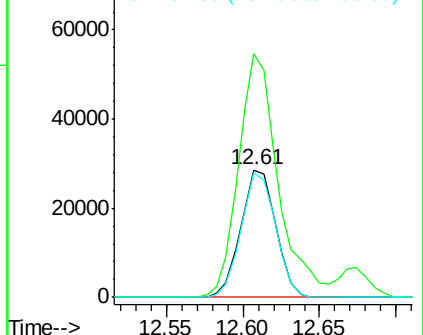
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.649 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. -0.01 min

Lab File: VY001767.D

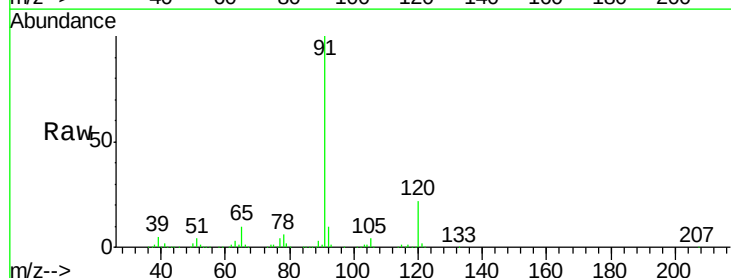
Acq: 24 Feb 2020 12:55

Tgt Ion: 91 Resp: 259951

Ion Ratio Lower Upper

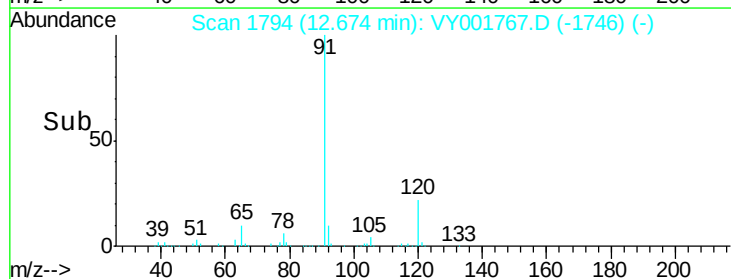
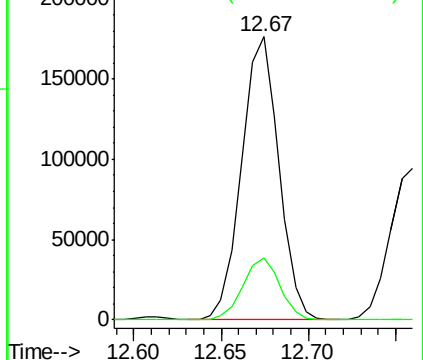
91 100

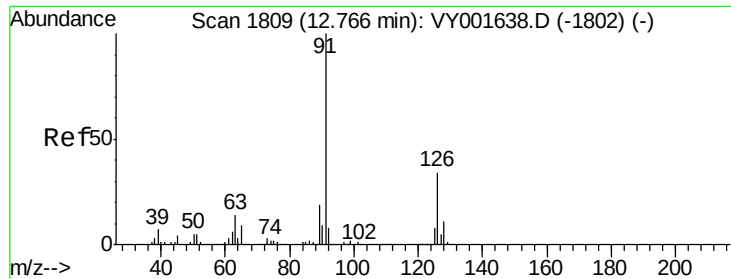
120 21.8 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.585 ug/l

RT: 12.76 min Scan# 1808

Delta R.T. -0.01 min

Lab File: VY001767.D

Acq: 24 Feb 2020 12:55

Instrument :

MSVOA_Y

ClientSampleId :

VY0224SBS01

Tot Ion: 91 Resp: 145324

Ion Ratio Lower Upper

91 100

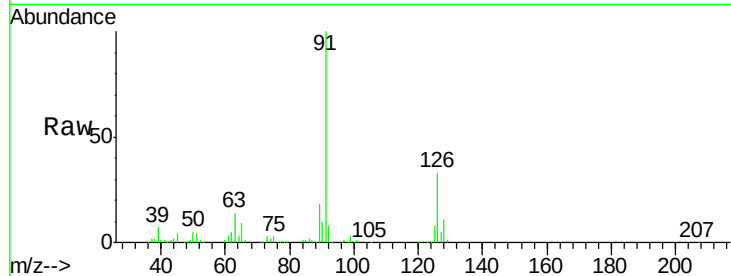
126 33.2 16.2 48.6

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VY001767.D (-1760) (-)

Ion 125.90 (125.60 to 126.60): VY001767.D (-1760) (-)

150000

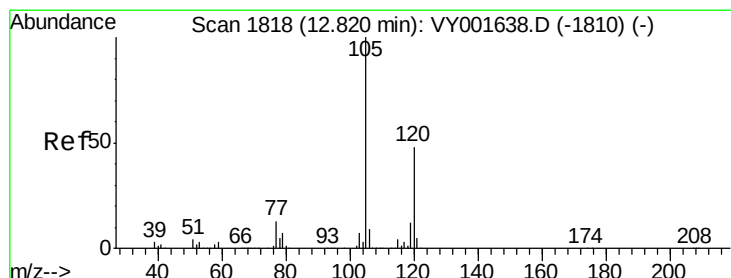
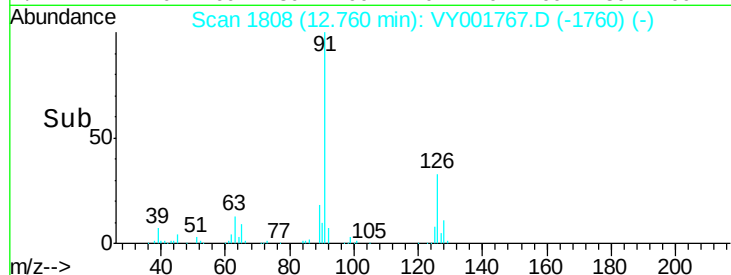
100000

50000

0

12.70 12.75 12.80

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 19.470 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. -0.01 min

Lab File: VY001767.D

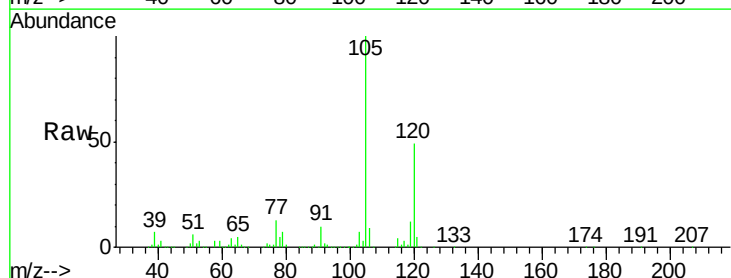
Acq: 24 Feb 2020 12:55

Tgt Ion: 105 Resp: 175076

Ion Ratio Lower Upper

105 100

120 48.4 24.3 72.9



Abundance Ion 105.00 (104.70 to 105.70): VY001767.D (-1769) (-)

Ion 120.00 (119.70 to 120.70): VY001767.D (-1769) (-)

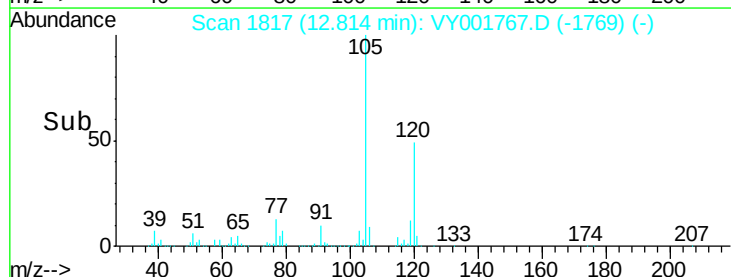
100000

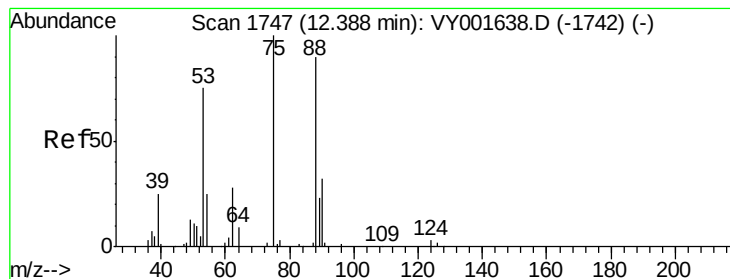
50000

0

12.75 12.80 12.85

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 18.838 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. -0.01 min

Lab File: VY001767.D

Acq: 24 Feb 2020 12:55

Instrument :

MSVOA_Y

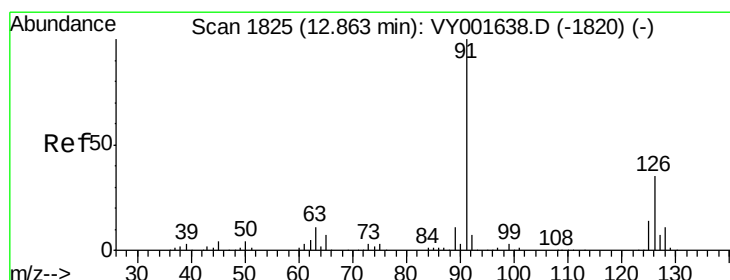
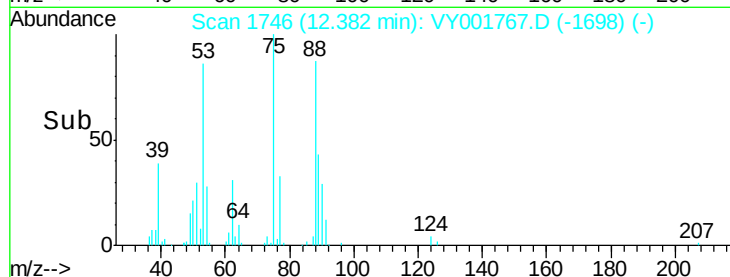
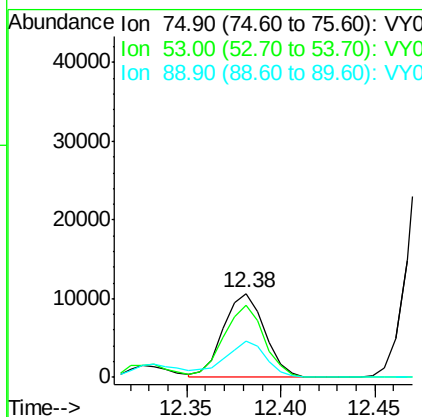
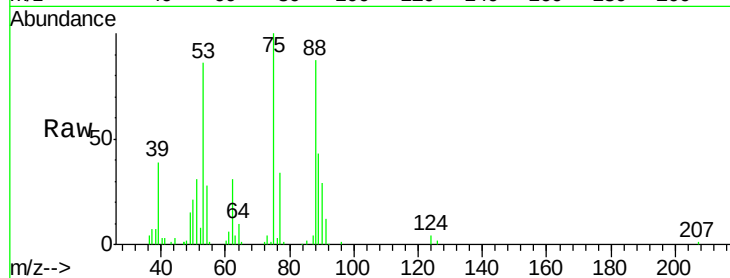
ClientSampleId :

VY0224SBS01

Tot Ion:	75	Resp:	16241
Ion	Ratio	Lower	Upper
75	100		
53	84.4	64.5	96.7
89	43.6	36.3	54.5

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#82

4-Chlorotoluene

Concen: 19.192 ug/l

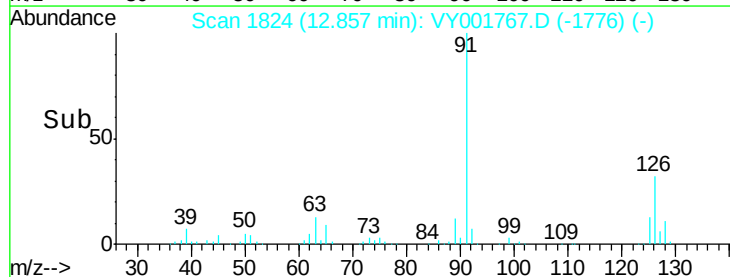
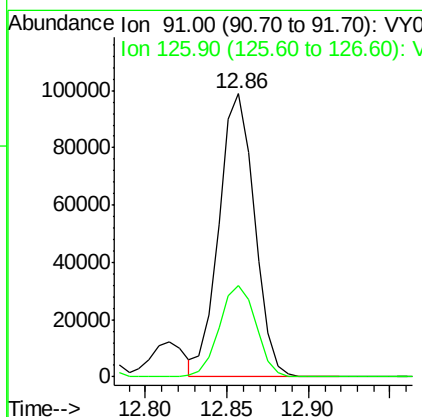
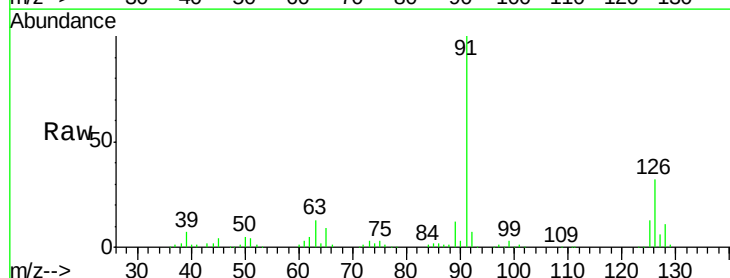
RT: 12.86 min Scan# 1824

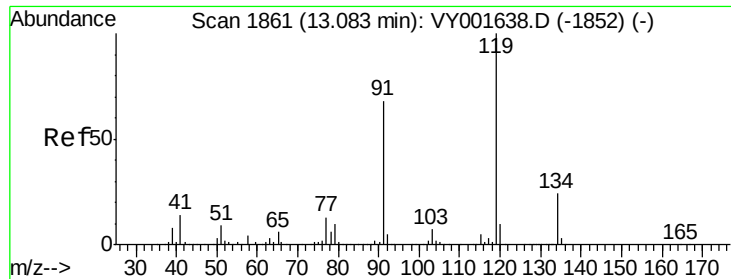
Delta R.T. -0.01 min

Lab File: VY001767.D

Acq: 24 Feb 2020 12:55

Tgt Ion:	91	Resp:	150192
Ion	Ratio	Lower	Upper
91	100		
126	33.2	16.2	48.6





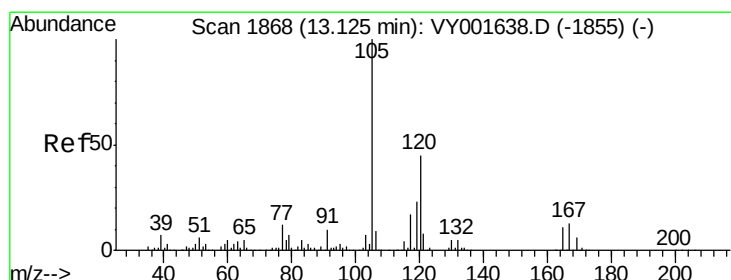
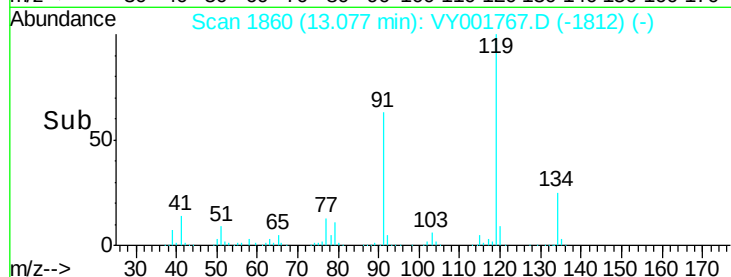
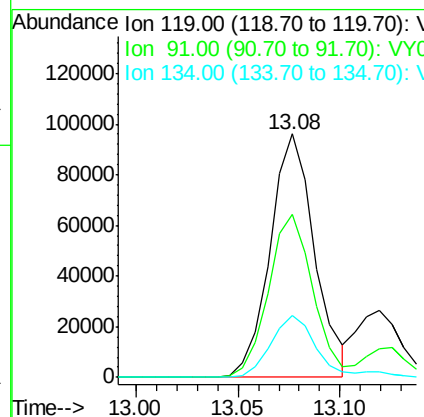
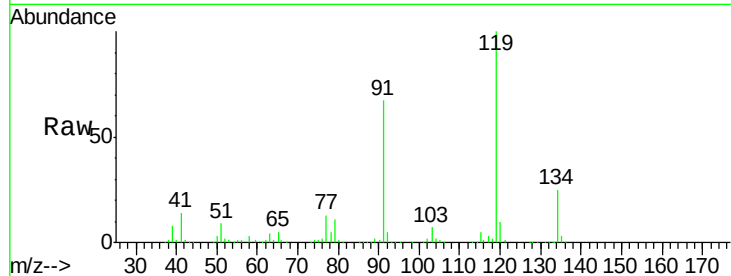
#83
tert-Butylbenzene
Concen: 19.426 ug/l
RT: 13.08 min Scan# 1860
Delta R.T. -0.01 min
Lab File: VY001767.D
Acq: 24 Feb 2020 12:55

Instrument :
MSVOA_Y
ClientSampleId :
VY0224SBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	146090		
91	66.7	33.5	100.5	
134	26.8	13.3	39.8	

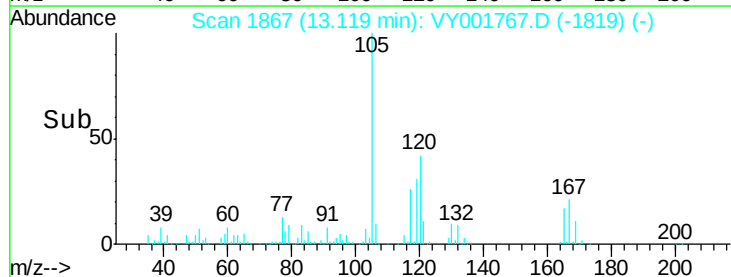
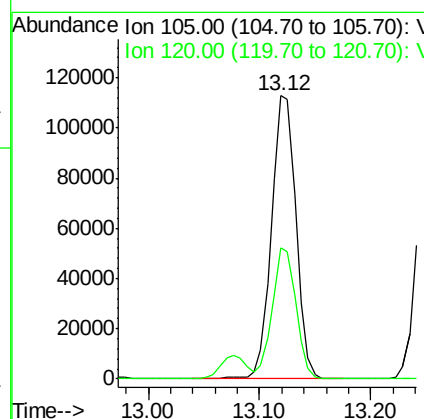
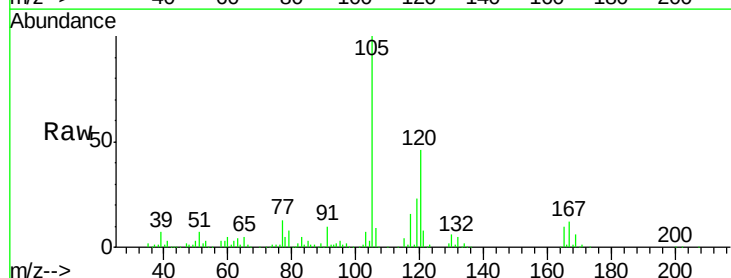
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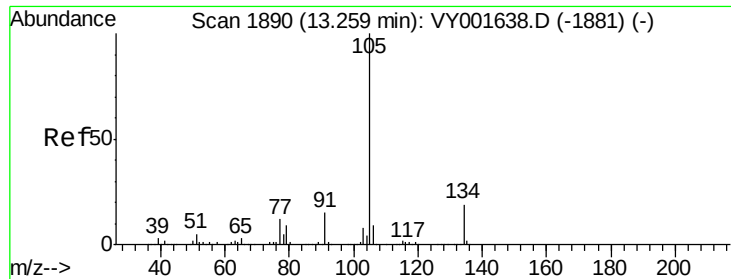
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#84
1,2,4-Trimethylbenzene
Concen: 19.343 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. -0.01 min
Lab File: VY001767.D
Acq: 24 Feb 2020 12:55

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	173404		
120	44.7	22.4	67.3	





#85

sec-Butylbenzene

Concen: 19.658 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.01 min

Lab File: VY001767.D

Acq: 24 Feb 2020 12:55

Instrument :

MSVOA_Y

ClientSampleId :

VY0224SBS01

Tot Ion:105 Resp: 217432

Ion Ratio Lower Upper

105 100

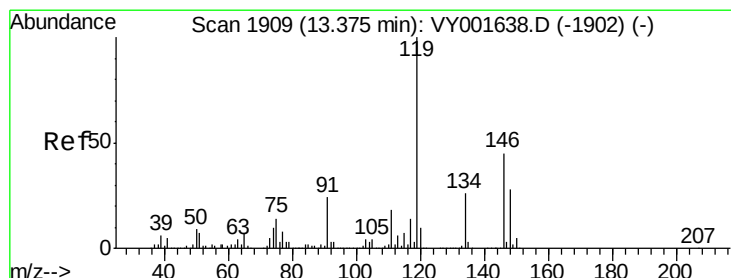
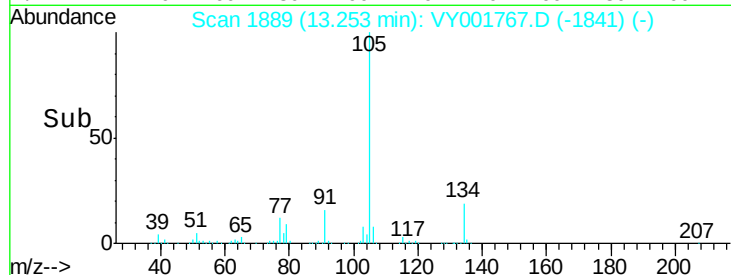
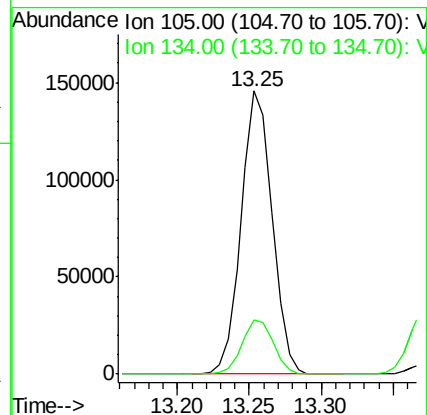
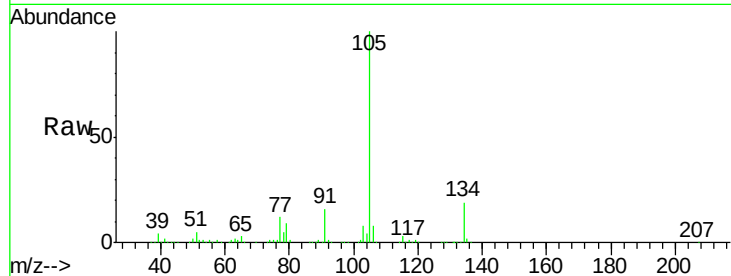
134 19.4 9.8 29.3

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#86

p-Isopropyltoluene

Concen: 19.712 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.01 min

Lab File: VY001767.D

Acq: 24 Feb 2020 12:55

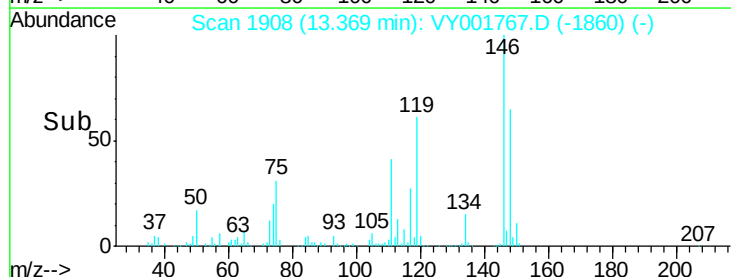
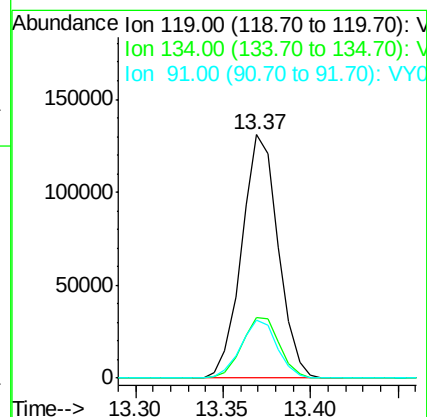
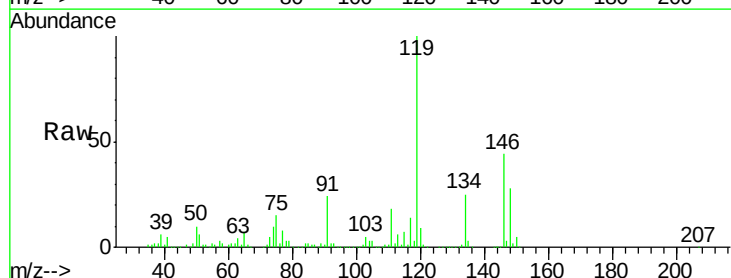
Tgt Ion:119 Resp: 189410

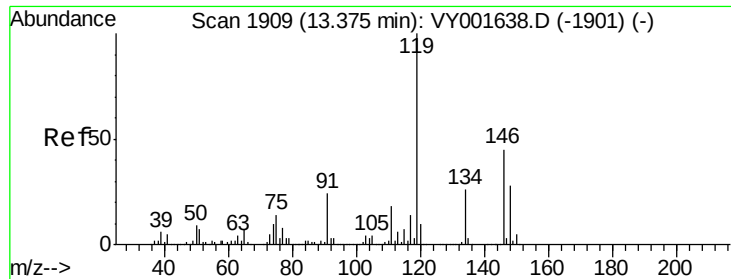
Ion Ratio Lower Upper

119 100

134 25.6 13.0 39.0

91 23.9 12.2 36.6





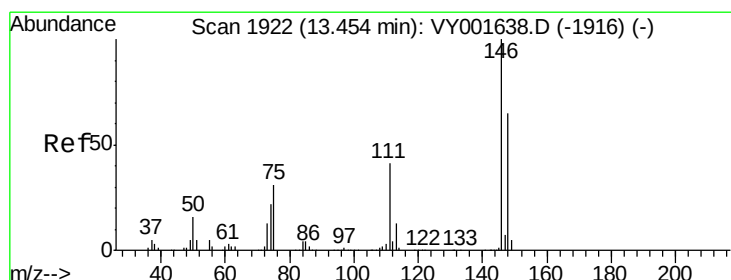
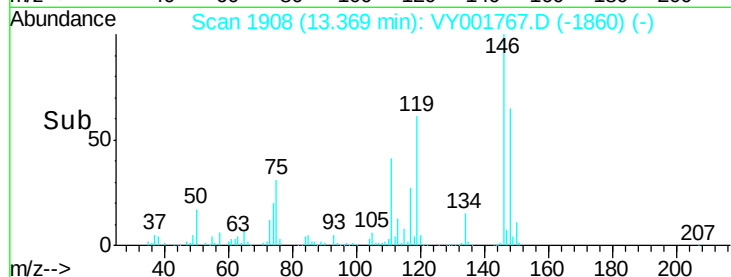
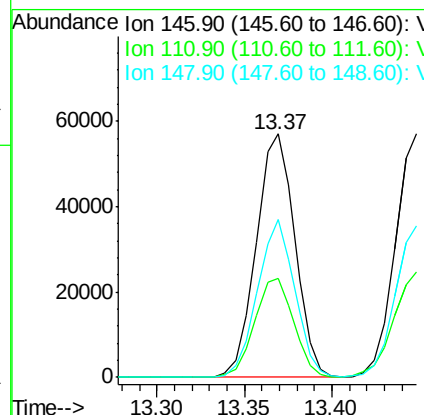
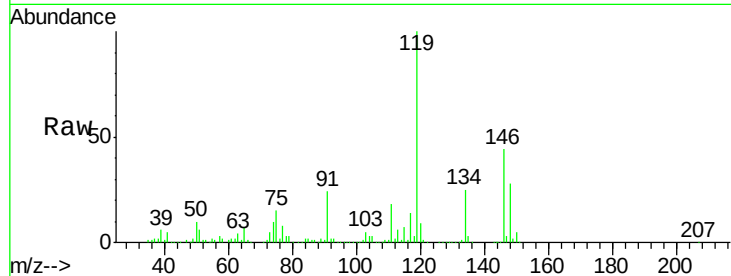
#87
 1,3-Dichlorobenzene
 Concen: 19.220 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. -0.01 min
 Lab File: VY001767.D
 Acq: 24 Feb 2020 12:55

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0224SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.0	21.4	64.3
148	62.4	31.6	94.7

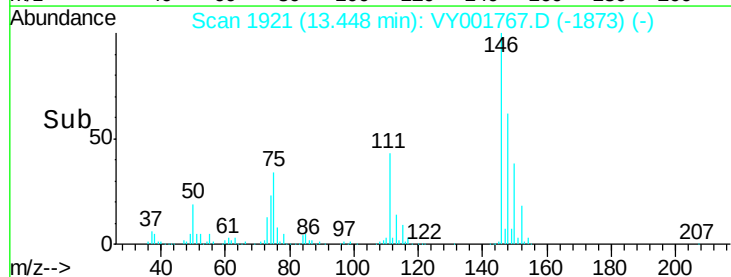
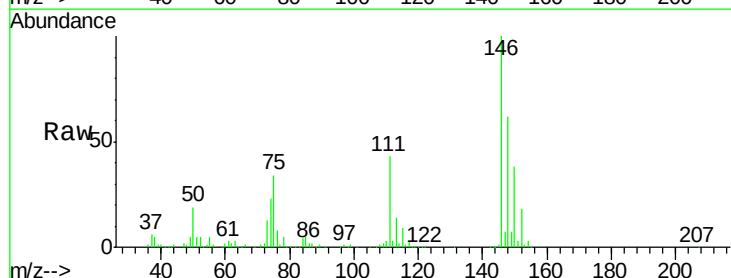
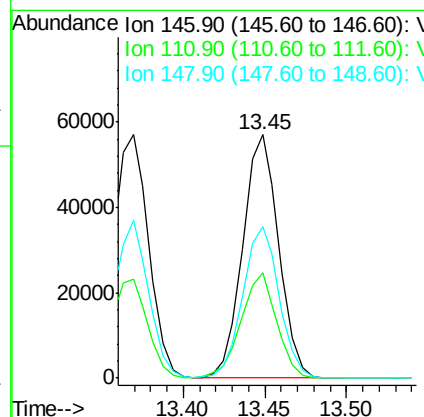
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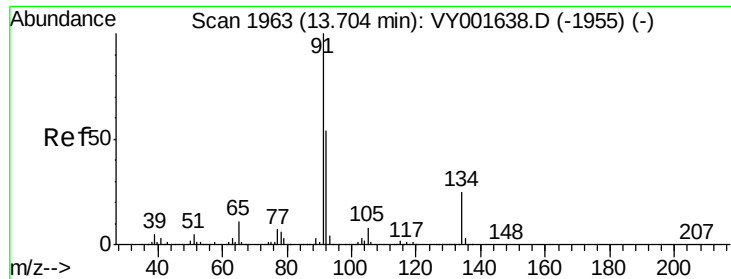
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#88
 1,4-Dichlorobenzene
 Concen: 18.889 ug/l
 RT: 13.45 min Scan# 1921
 Delta R.T. -0.01 min
 Lab File: VY001767.D
 Acq: 24 Feb 2020 12:55

Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.3	20.4	61.3
148	63.2	31.6	94.7





#89

n-Butylbenzene

Concen: 19.793 ug/l

RT: 13.70 min Scan# 1962

Delta R.T. -0.01 min

Lab File: VY001767.D

Acq: 24 Feb 2020 12:55

Instrument :

MSVOA_Y

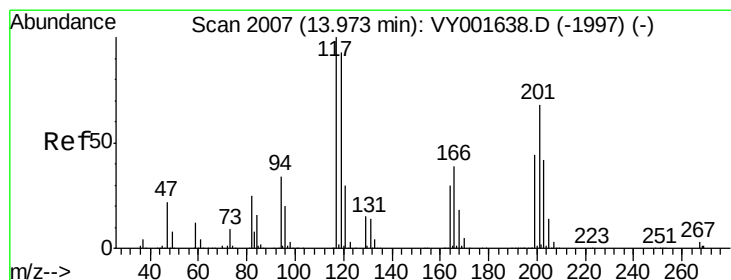
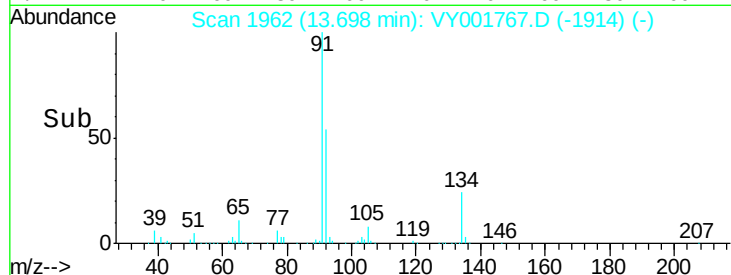
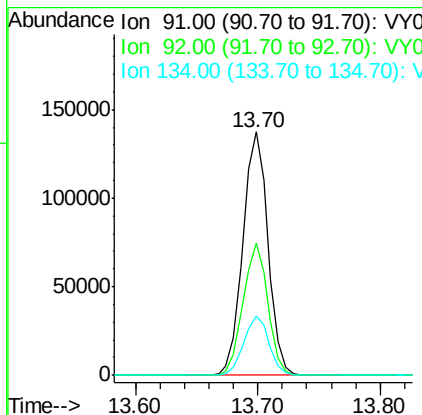
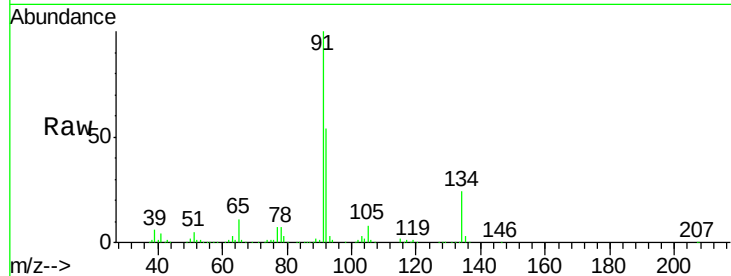
ClientSampleId :

VY0224SBS01

Tot Ion:	91	Resp:	194332
Ion Ratio	Lower	Upper	
91	100		
92	53.7	27.5	82.4
134	24.4	12.4	37.4

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#90

Hexachloroethane

Concen: 18.834 ug/l

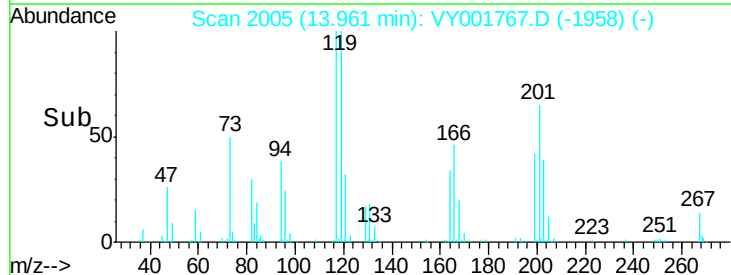
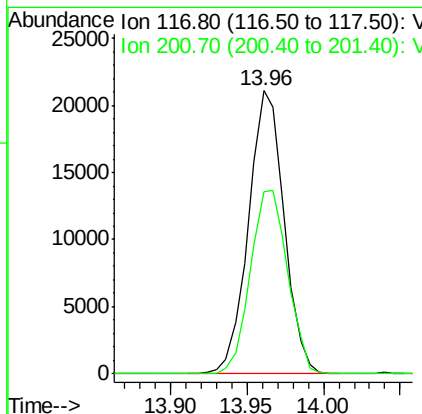
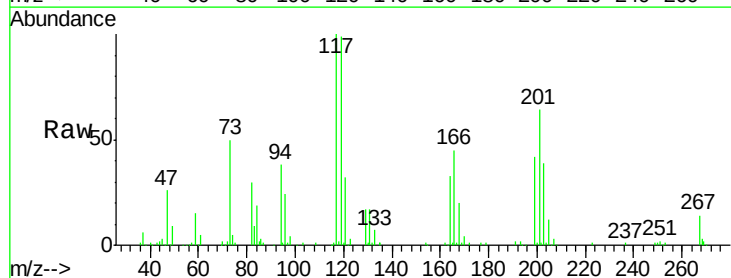
RT: 13.96 min Scan# 2005

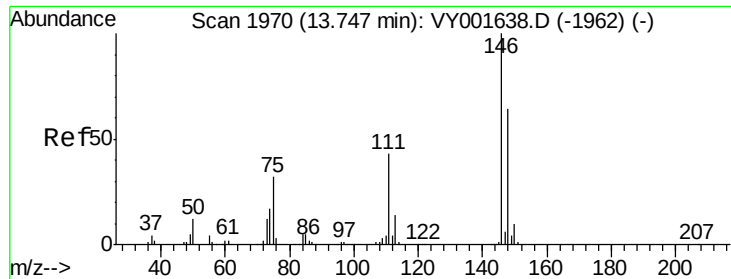
Delta R.T. -0.01 min

Lab File: VY001767.D

Acq: 24 Feb 2020 12:55

Tgt Ion:	117	Resp:	34097
Ion Ratio	Lower	Upper	
117	100		
201	67.9	32.5	97.4





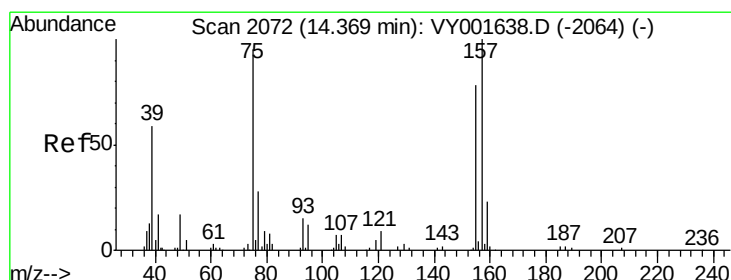
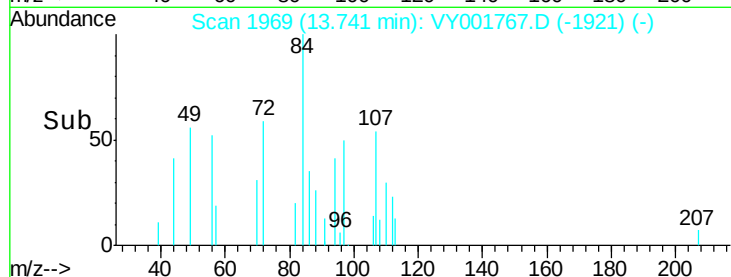
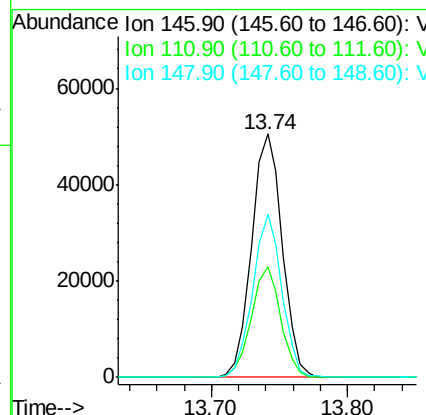
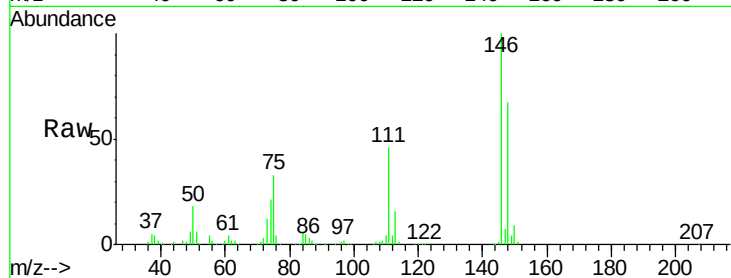
#91
 1,2-Dichlorobenzene
 Concen: 18.954 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. -0.01 min
 Lab File: VY001767.D
 Acq: 24 Feb 2020 12:55

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0224SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.7	21.9	65.7
148	63.7	31.5	94.5

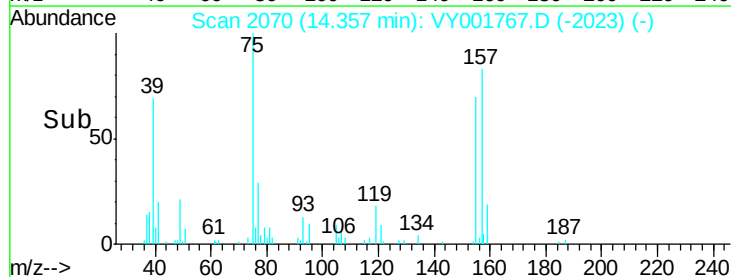
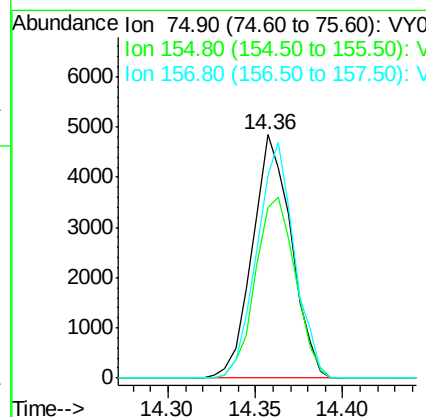
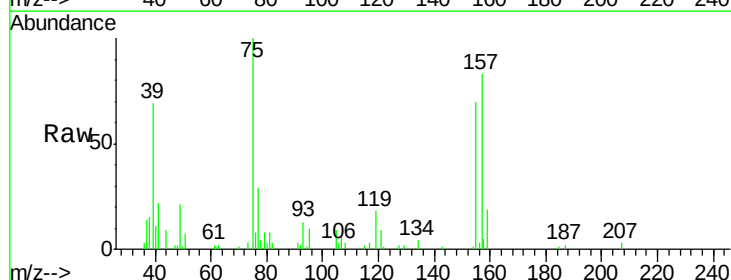
Manual Integrations
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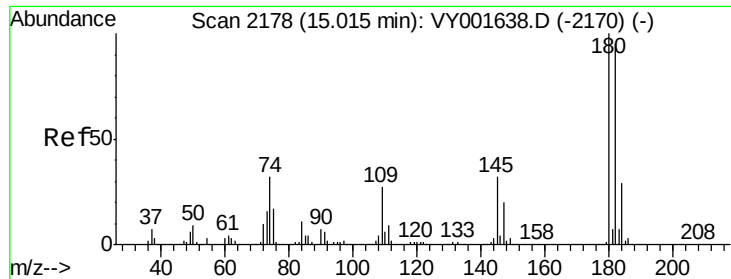
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 2/25/2020 10:53:59 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.554 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. -0.01 min
 Lab File: VY001767.D
 Acq: 24 Feb 2020 12:55

Tgt Ion	Ratio	Lower	Upper
75	100		
155	76.6	40.8	122.4
157	93.1	52.1	156.4





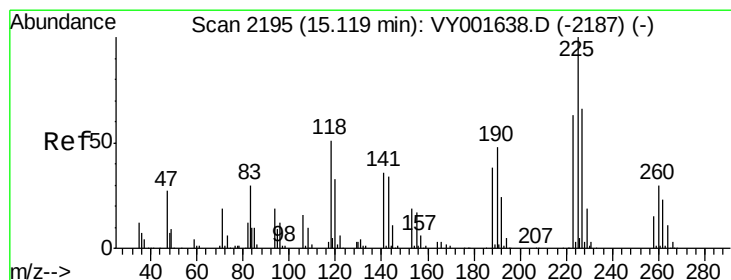
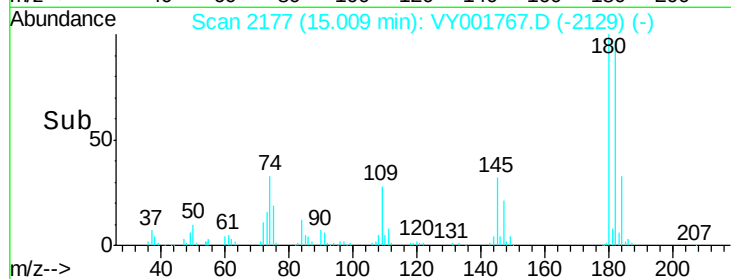
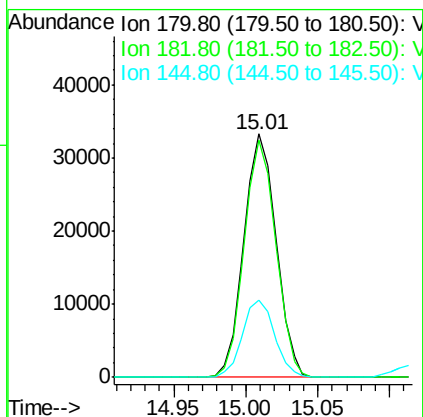
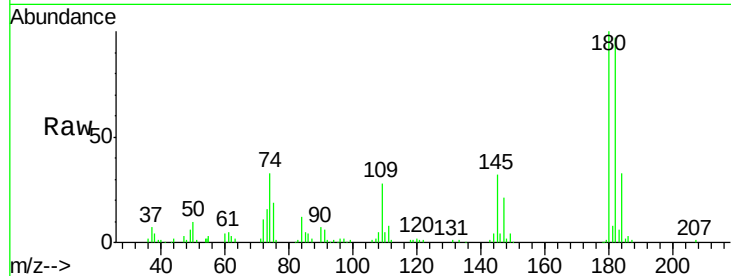
#93
1,2,4-Trichlorobenzene
Concen: 18.497 ug/l
RT: 15.01 min Scan# 2177
Delta R.T. -0.01 min
Lab File: VY001767.D
Acq: 24 Feb 2020 12:55

Instrument :
MSVOA_Y
ClientSampleId :
VY0224SBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.7	46.8	140.3
145	31.7	16.2	48.5

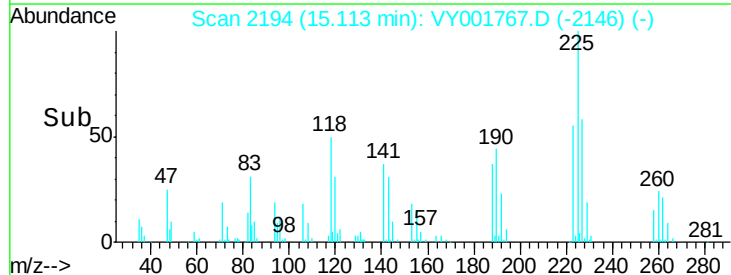
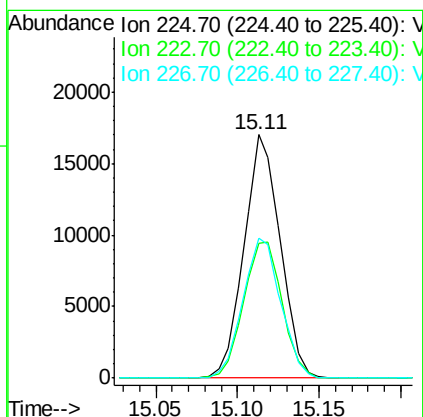
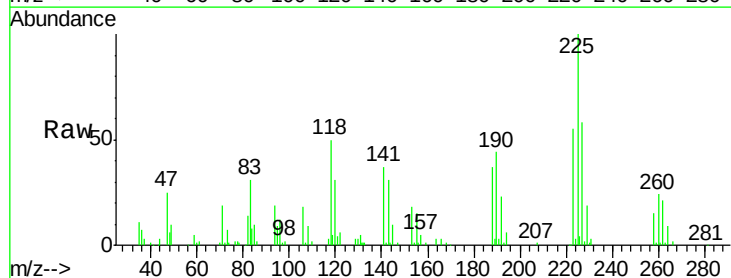
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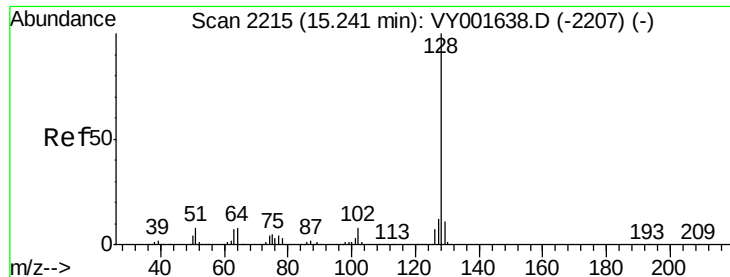
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#94
Hexachlorobutadiene
Concen: 18.941 ug/l
RT: 15.11 min Scan# 2194
Delta R.T. -0.01 min
Lab File: VY001767.D
Acq: 24 Feb 2020 12:55

Tgt Ion	Ratio	Lower	Upper
225	100		
223	59.5	31.4	94.0
227	59.9	31.6	94.8





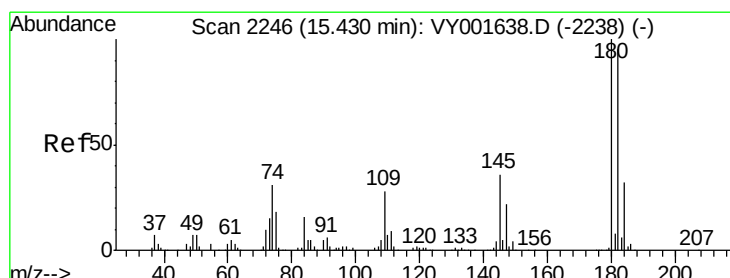
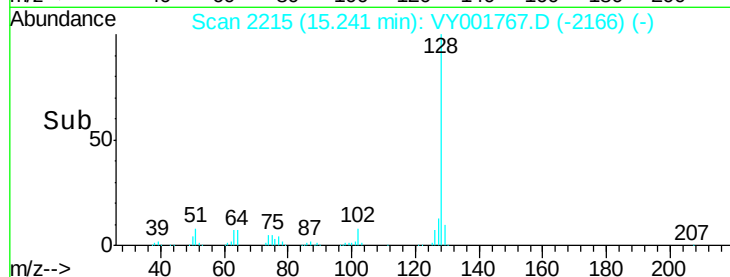
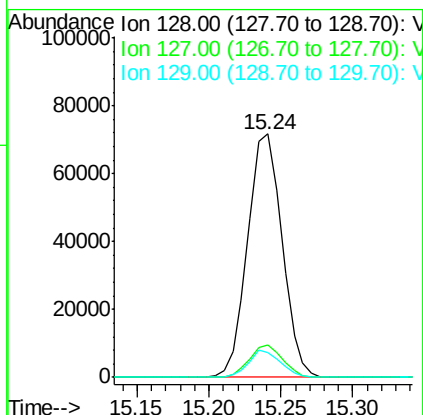
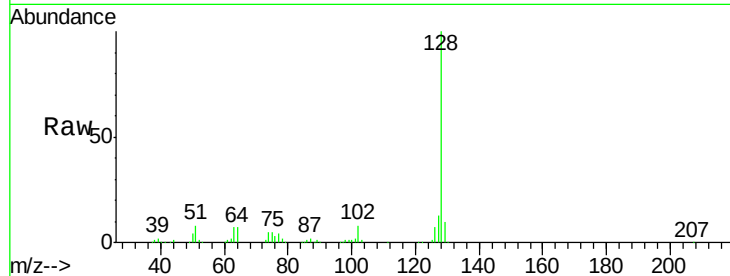
#95
Naphthalene
Concen: 18.442 ug/l
RT: 15.24 min Scan# 2215
Delta R.T. 0.00 min
Lab File: VY001767.D
Acq: 24 Feb 2020 12:55

Instrument :
MSVOA_Y
ClientSampleId :
VY0224SBS01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	118760		
127	12.9		9.9	14.9
129	10.4		8.6	13.0

Manual Integrations
APPROVED

MMDadoda
2/25/2020 10:53:59 AM



#96
1,2,3-Trichlorobenzene
Concen: 18.857 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. -0.01 min
Lab File: VY001767.D
Acq: 24 Feb 2020 12:55

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	46335		
182	91.0		47.2	141.6
145	33.2		17.3	52.0

