

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY050820\
 Data File : VY002635.D
 Acq On : 08 May 2020 12:24
 Operator : SY/MD
 Sample : VY0508SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0508SBS01

Manual Integrations
 APPROVED

MMDadoda
 5/11/2020 1:00:50 PM

Quant Time: May 11 01:38:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
 Quant Title : SW846 8260
 QLast Update : Mon May 04 12:22:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	362703	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	537970	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	481163	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	249574	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	150996	49.51	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	99.02%	
35) Dibromofluoromethane	7.73	113	163721	53.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.42%	
50) Toluene-d8	10.19	98	637467	53.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.12%	
62) 4-Bromofluorobenzene	12.49	95	217270	53.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.58%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.91	85	46227	16.658	ug/l 99
3) Chloromethane	2.13	50	56395	19.191	ug/l 99
4) Vinyl Chloride	2.26	62	66004	19.452	ug/l 96
5) Bromomethane	2.65	94	45472	19.433	ug/l 100
6) Chloroethane	2.80	64	39868	19.678	ug/l 97
7) Trichlorofluoromethane	3.14	101	104342	19.841	ug/l 99
8) Diethyl Ether	3.54	74	35870	20.297	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	3.91	101	64830	20.171	ug/l 99
10) Methyl Iodide	4.11	142	77894	17.789	ug/l 99
11) Tert butyl alcohol	4.98	59	29140	92.874	ug/l 99
12) 1,1-Dichloroethene	3.88	96	62446	20.000	ug/l 99
13) Acrolein	3.75	56	16310	75.173	ug/l 94
14) Allyl chloride	4.49	41	94441	20.759	ug/l 97
15) Acrylonitrile	5.19	53	84037	100.837	ug/l 99
16) Acetone	3.96	43	59907	95.183	ug/l 97
17) Carbon Disulfide	4.21	76	169935	18.091	ug/l 99
18) Methyl Acetate	4.50	43	40418	19.220	ug/l 100
19) Methyl tert-butyl Ether	5.24	73	163151	20.028	ug/l 98
20) Methylene Chloride	4.73	84	72847	20.698	ug/l 97
21) trans-1,2-Dichloroethene	5.24	96	69418	20.341	ug/l 98
22) Diisopropyl ether	6.13	45	198097	21.521	ug/l 99
23) Vinyl Acetate	6.08	43	582397	100.605	ug/l 100
24) 1,1-Dichloroethane	6.03	63	113253	20.797	ug/l 99
25) 2-Butanone	7.00	43	99796	96.864	ug/l 94
26) 2,2-Dichloropropane	7.00	77	103818	20.057	ug/l 99
27) cis-1,2-Dichloroethene	7.00	96	78971	20.914	ug/l 98
28) Bromochloromethane	7.35	49	46528	20.854	ug/l 100
29) Tetrahydrofuran	7.36	42	68246	100.120	ug/l 99
30) Chloroform	7.52	83	117699	20.787	ug/l 99
31) Cyclohexane	7.80	56	107056	19.531	ug/l 96
32) 1,1,1-Trichloroethane	7.71	97	109136	20.737	ug/l 98
36) 1,1-Dichloropropene	7.93	75	93266	20.680	ug/l 99
37) Ethyl Acetate	7.08	43	45980	19.840	ug/l 99
38) Carbon Tetrachloride	7.91	117	99408	20.190	ug/l 99

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MMDadoda
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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	118063	19.820	ug/l	99
40) Benzene	8.17	78	267730	20.554	ug/l	100
41) Methacrylonitrile	7.34	41	28262m	22.681	ug/l	
42) 1,2-Dichloroethane	8.25	62	70686	19.347	ug/l	99
43) Isopropyl Acetate	8.28	43	86501	19.910	ug/l	100
44) Trichloroethene	8.95	130	85758	21.067	ug/l	98
45) 1,2-Dichloropropane	9.22	63	65859	20.950	ug/l	99
46) Dibromomethane	9.31	93	36243	20.038	ug/l	100
47) Bromodichloromethane	9.50	83	89655	20.386	ug/l	99
48) Methyl methacrylate	9.30	41	37599	19.122	ug/l	96
49) 1,4-Dioxane	9.30	88	10203	426.048	ug/l	97
51) 4-Methyl-2-Pentanone	10.08	43	225228	100.575	ug/l	99
52) Toluene	10.25	92	174519	20.848	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	93356	20.260	ug/l	98
54) cis-1,3-Dichloropropene	9.94	75	108696	20.405	ug/l	97
55) 1,1,2-Trichloroethane	10.65	97	54994	20.850	ug/l	97
56) Ethyl methacrylate	10.52	69	71240	20.303	ug/l	96
57) 1,3-Dichloropropane	10.80	76	91545	20.466	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.79	63	194971	105.367	ug/l	98
59) 2-Hexanone	10.84	43	154562	100.279	ug/l	100
60) Dibromochloromethane	10.99	129	68254	20.346	ug/l	100
61) 1,2-Dibromoethane	11.09	107	52665	20.165	ug/l	99
64) Tetrachloroethene	10.72	164	95109	22.247	ug/l	95
65) Chlorobenzene	11.52	112	194599	21.275	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.59	131	71795	21.145	ug/l	99
67) Ethyl Benzene	11.60	91	340745	21.208	ug/l	99
68) m/p-Xylenes	11.71	106	260135	41.844	ug/l	99
69) o-Xylene	12.03	106	123906	21.287	ug/l	98
70) Styrene	12.05	104	213207	21.426	ug/l	98
71) Bromoform	12.22	173	43920	20.841	ug/l	# 98
73) Isopropylbenzene	12.34	105	344866	21.321	ug/l	99
74) N-amyl acetate	12.15	43	80187	20.609	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.59	83	49214	19.132	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	47481m	21.408	ug/l	
77) Bromobenzene	12.62	156	83978	20.781	ug/l	99
78) n-propylbenzene	12.68	91	396674	21.133	ug/l	99
79) 2-Chlorotoluene	12.77	91	220315	21.189	ug/l	100
80) 1,3,5-Trimethylbenzene	12.82	105	282418	21.064	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.39	75	21957	19.851	ug/l	98
82) 4-Chlorotoluene	12.86	91	233067	21.340	ug/l	98
83) tert-Butylbenzene	13.08	119	257068	21.867	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	284141	21.264	ug/l	100
85) sec-Butylbenzene	13.27	105	351099	21.522	ug/l	100
86) p-Isopropyltoluene	13.38	119	324650	21.239	ug/l	100
87) 1,3-Dichlorobenzene	13.38	146	162375	21.230	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	162179	21.414	ug/l	99
89) n-Butylbenzene	13.70	91	298346	21.441	ug/l	99
90) Hexachloroethane	13.97	117	59529	21.386	ug/l	98
91) 1,2-Dichlorobenzene	13.75	146	142280	20.848	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.37	75	9145	19.072	ug/l	97

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Quant Title : SW846 8260
QLast Update : Mon May 04 12:22:08 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	104260	21.042	ug/l	99
94) Hexachlorobutadiene	15.12	225	64943	21.836	ug/l	98
95) Naphthalene	15.25	128	180250	19.942	ug/l	99
96) 1,2,3-Trichlorobenzene	15.44	180	85823	20.403	ug/l	100

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

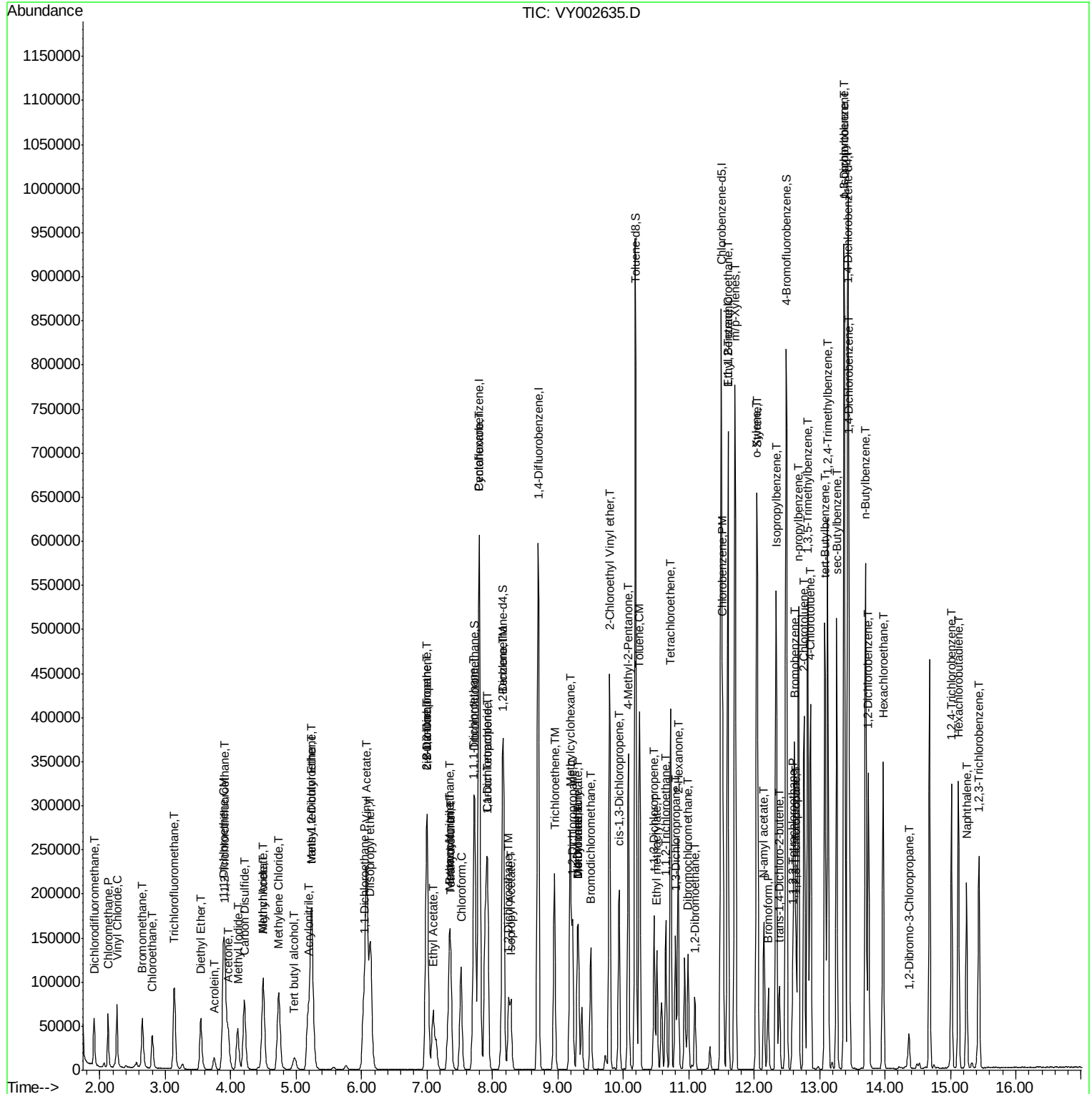
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Data File : VY002635.D
Acq On : 08 May 2020 12:24
Operator : SY/MD
Sample : VY0508SBS01
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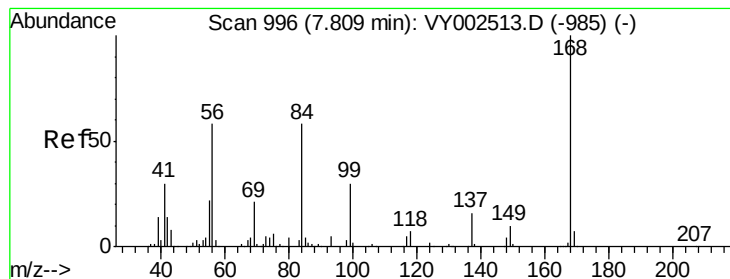
Instrument :
MSVOA_Y
ClientSampleId :
VY0508SBS01

Manual Integrations
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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.01 min

Lab File: VY002635.D

Acq: 08 May 2020 12:24

Instrument :

MSVOA_Y

ClientSampleId :

VY0508SBS01

Tot Ion:168 Resp: 362703

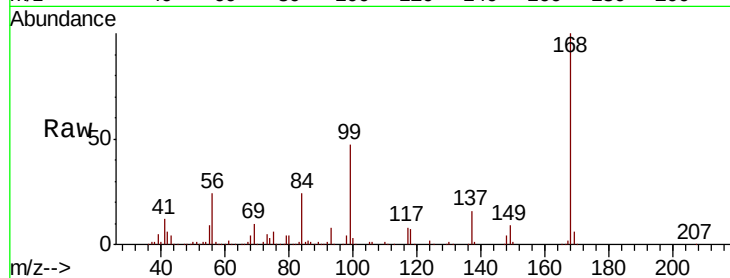
Ion Ratio Lower Upper

168 100

99 47.2 39.2 58.8

Manual Integrations
APPROVED

MMDadoda
5/11/2020 1:00:50 PM



Abundance Ion 167.90 (167.60 to 168.60): VY002513.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY002513.D (-985) (-)

7.80

150000

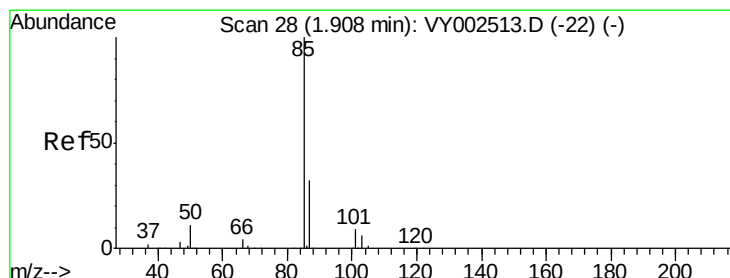
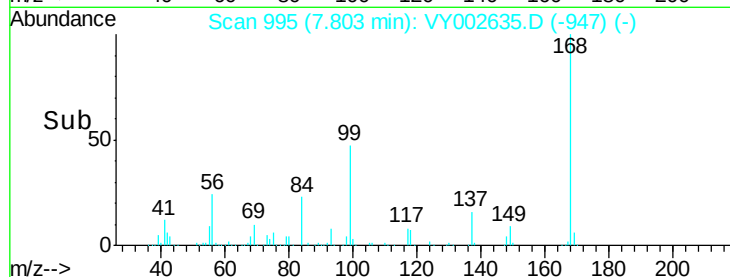
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50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 16.658 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.00 min

Lab File: VY002635.D

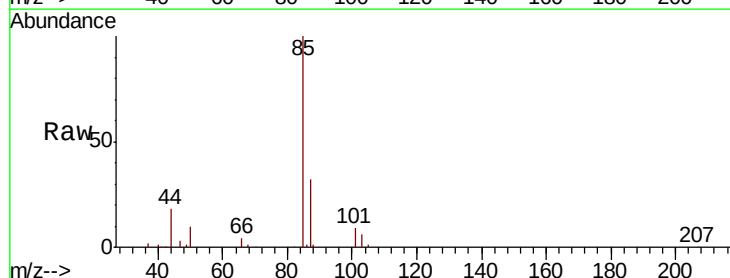
Acq: 08 May 2020 12:24

Tgt Ion: 85 Resp: 46227

Ion Ratio Lower Upper

85 100

87 32.0 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VY002513.D (-22) (-)

Ion 86.90 (86.60 to 87.60): VY002513.D (-22) (-)

1.91

30000

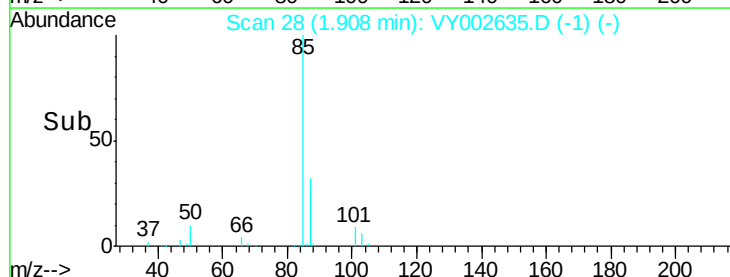
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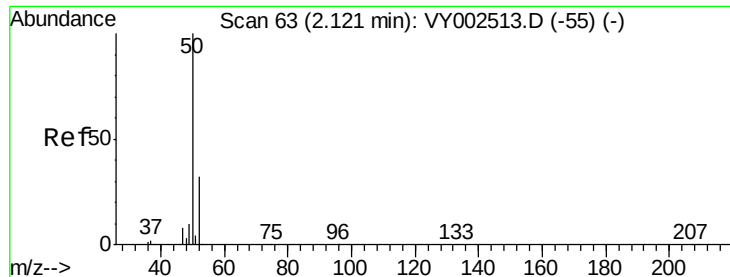
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0

1.85 1.90 1.95 2.00

Time-->





#3

Chloromethane

Concen: 19.191 ug/l

RT: 2.13 min Scan# 64

Delta R.T. 0.01 min

Lab File: VY002635.D

Acq: 08 May 2020 12:24

Instrument :

MSVOA_Y

ClientSampleId :

VY0508SBS01

Tot Ion: 50 Resp: 56395

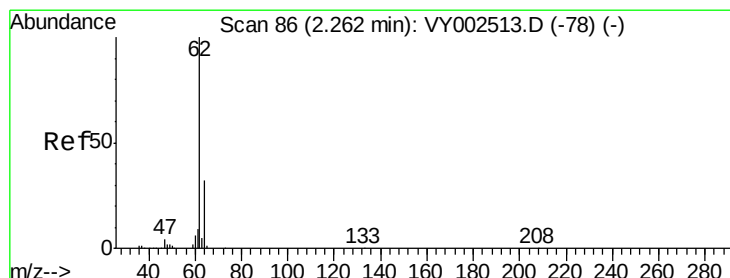
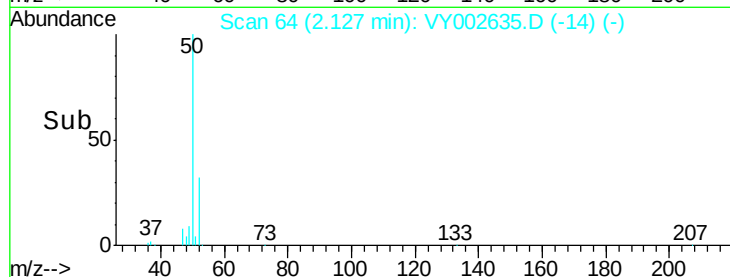
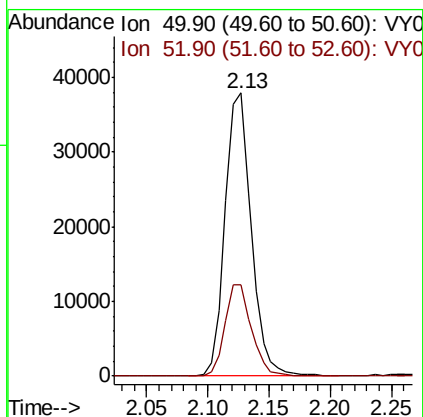
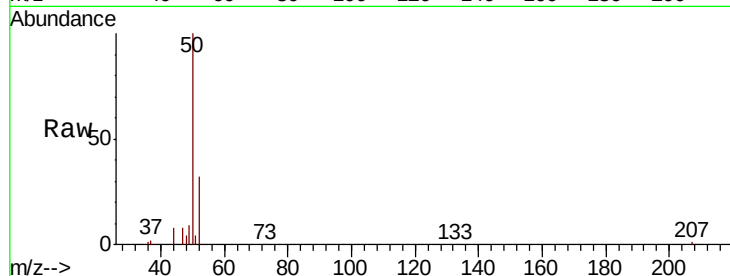
Ion Ratio Lower Upper

50 100

52 32.1 25.9 38.9

Manual Integrations
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#4

Vinyl Chloride

Concen: 19.452 ug/l

RT: 2.26 min Scan# 86

Delta R.T. -0.00 min

Lab File: VY002635.D

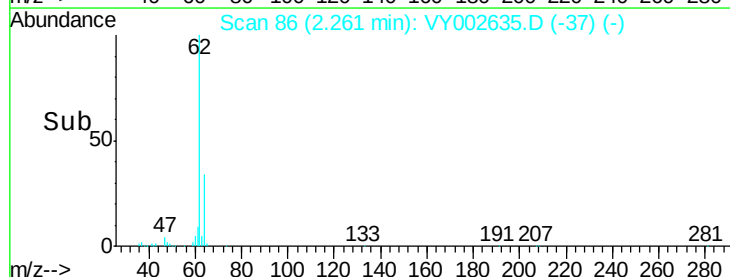
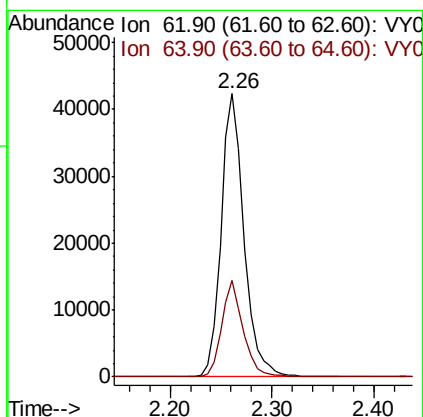
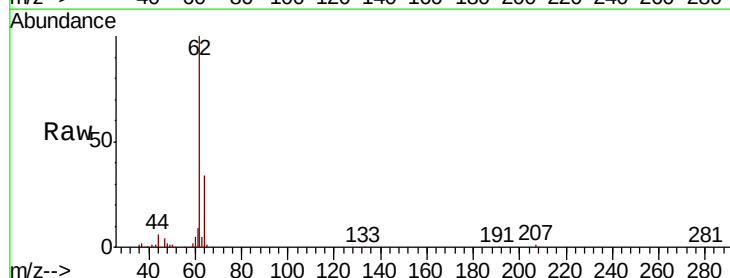
Acq: 08 May 2020 12:24

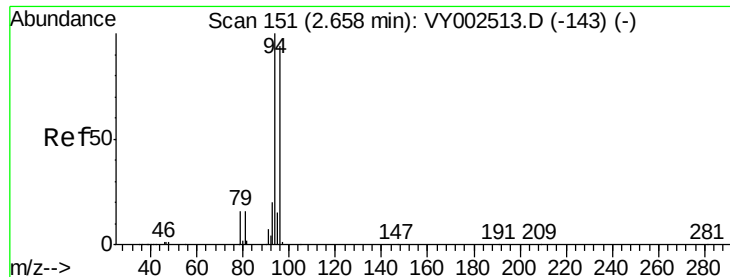
Tgt Ion: 62 Resp: 66004

Ion Ratio Lower Upper

62 100

64 34.0 25.3 37.9





#5

Bromomethane

Concen: 19.433 ug/l

RT: 2.65 min Scan# 149

Delta R.T. -0.01 min

Lab File: VY002635.D

Acq: 08 May 2020 12:24

Instrument :

MSVOA_Y

ClientSampleId :

VY0508SBS01

Tot Ion: 94 Resp: 45472

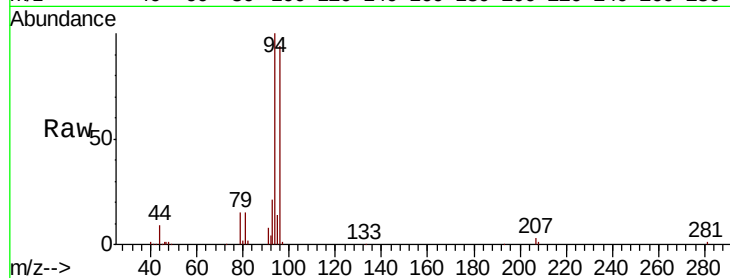
Ion Ratio Lower Upper

94 100

96 93.6 74.9 112.3

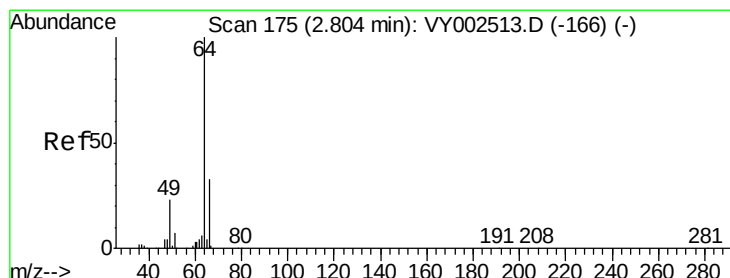
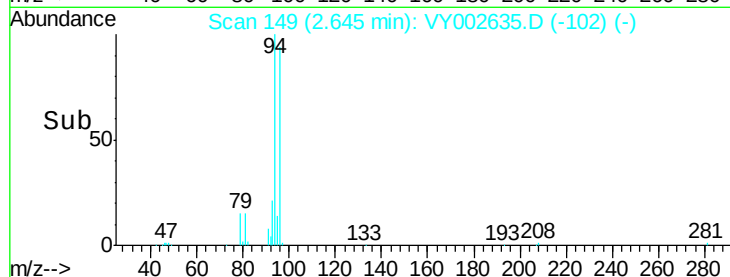
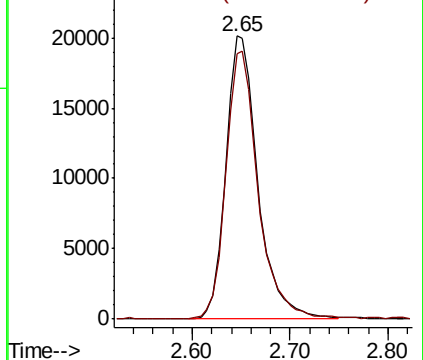
Manual Integrations
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5/11/2020 1:00:50 PM



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 19.678 ug/l

RT: 2.80 min Scan# 175

Delta R.T. -0.00 min

Lab File: VY002635.D

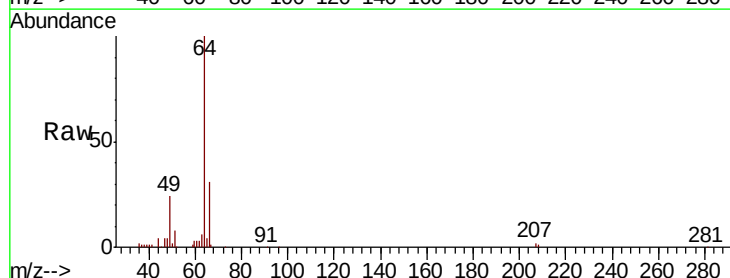
Acq: 08 May 2020 12:24

Tgt Ion: 64 Resp: 39868

Ion Ratio Lower Upper

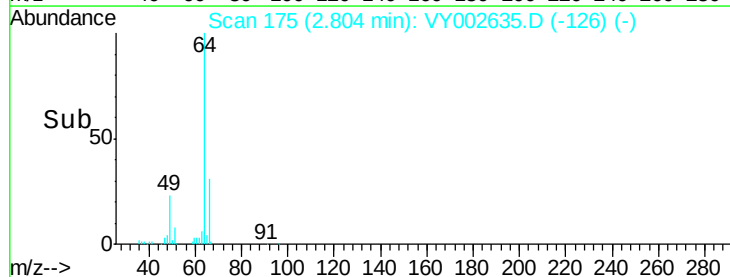
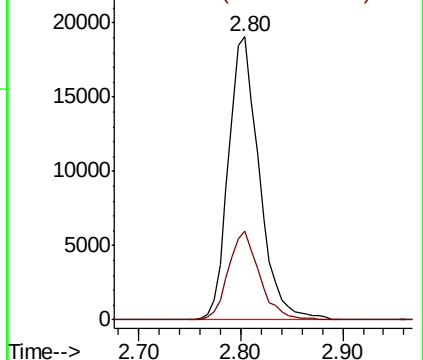
64 100

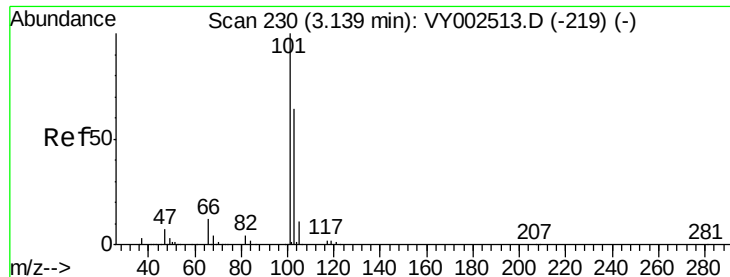
66 31.5 26.3 39.5



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

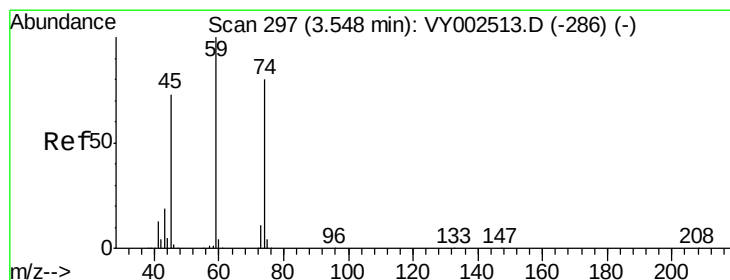
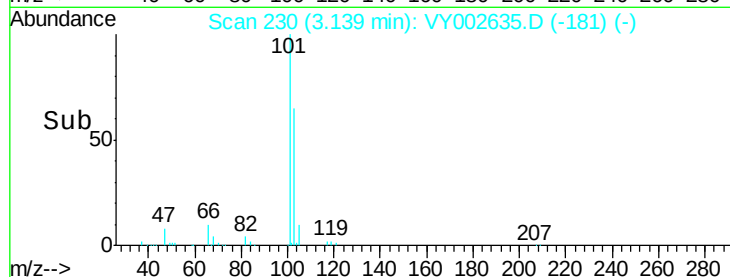
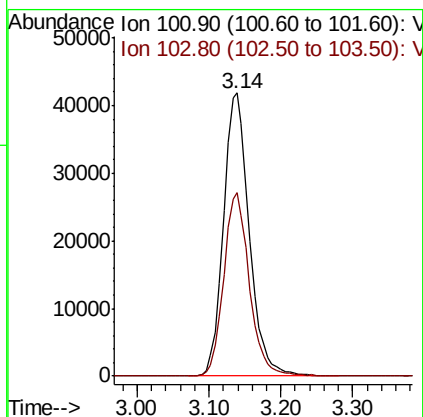
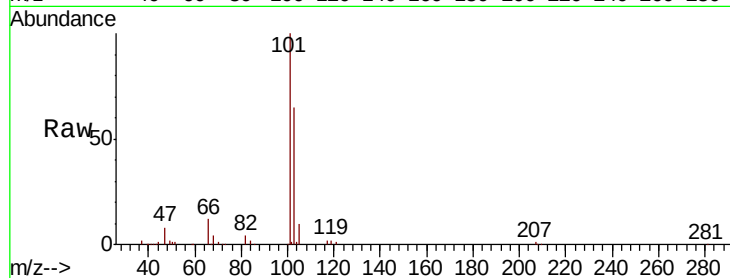
Trichlorofluoromethane
Concen: 19.841 ug/l
RT: 3.14 min Scan# 230
Delta R.T. -0.00 min
Lab File: VY002635.D
Acq: 08 May 2020 12:24

Instrument :
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ClientSampleId :
VY0508SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.6	51.4	77.0

Manual Integrations
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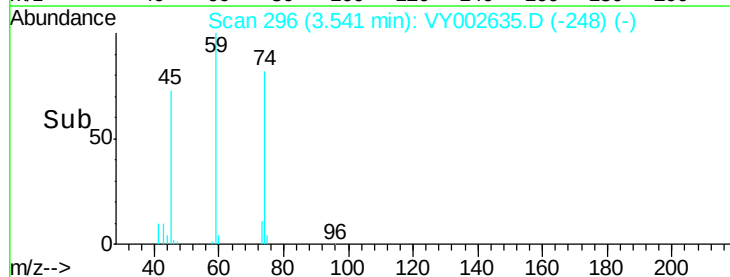
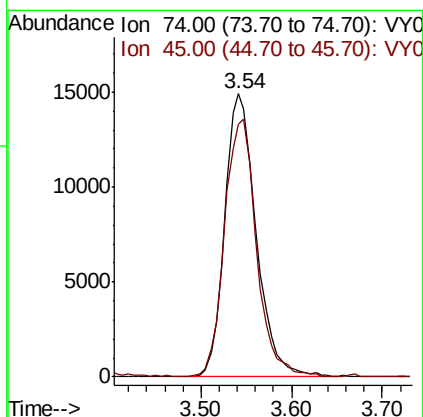
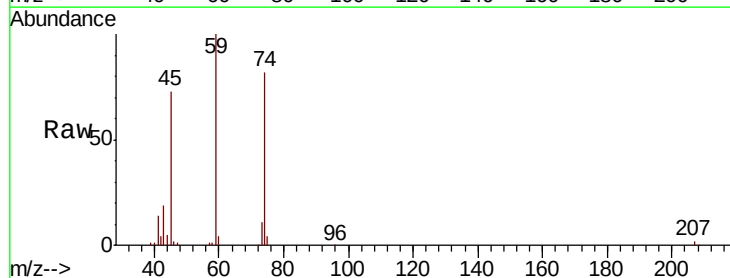
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5/11/2020 1:00:50 PM

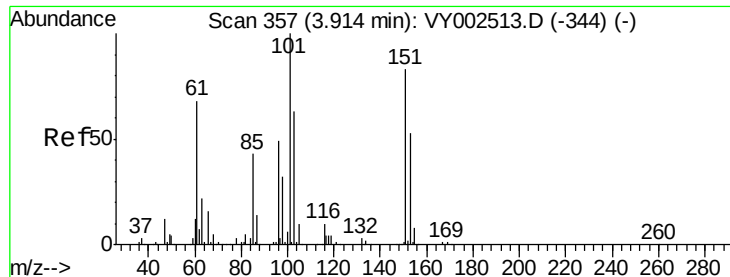


#8

Diethyl Ether
Concen: 20.297 ug/l
RT: 3.54 min Scan# 296
Delta R.T. -0.01 min
Lab File: VY002635.D
Acq: 08 May 2020 12:24

Tgt Ion	Ratio	Lower	Upper
74	100		
45	92.6	46.2	138.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.171 ug/l

RT: 3.91 min Scan# 357

Delta R.T. -0.00 min

Lab File: VY002635.D

Acq: 08 May 2020 12:24

Instrument :

MSVOA_Y

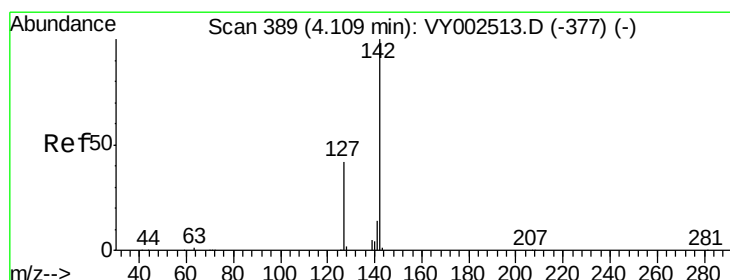
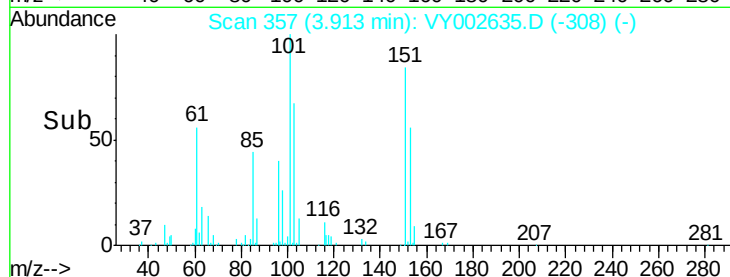
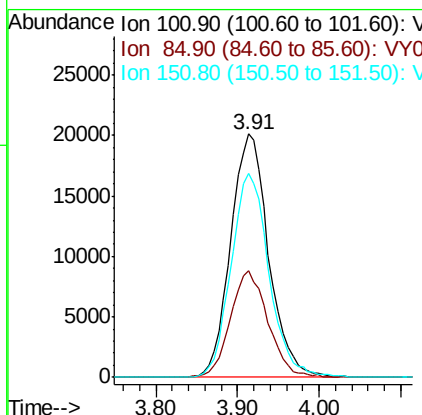
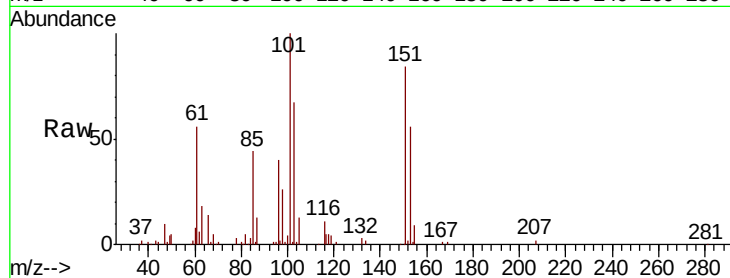
ClientSampleId :

VY0508SBS01

Tot Ion:	101	Resp:	64830
Ion Ratio	Lower	Upper	
101	100		
85	43.3	33.4	50.2
151	84.0	66.8	100.2

Manual Integrations
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#10

Methyl Iodide

Concen: 17.789 ug/l

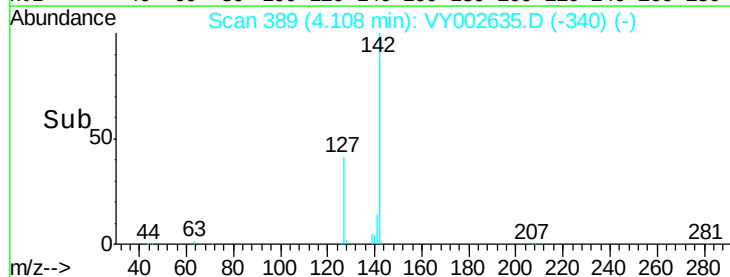
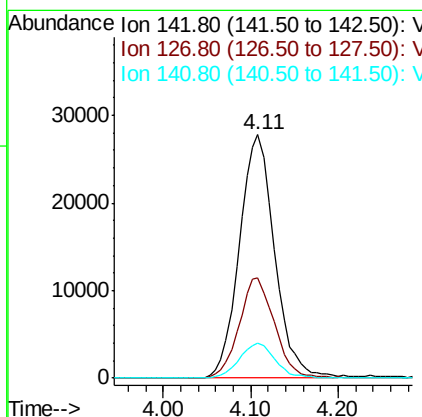
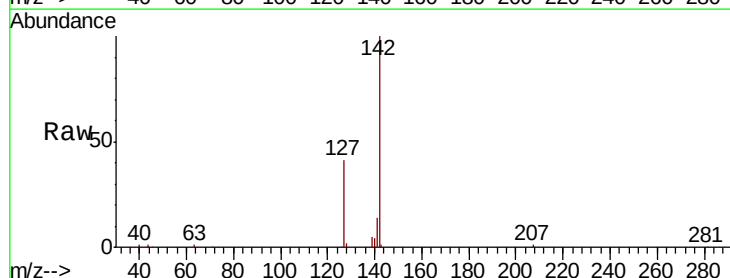
RT: 4.11 min Scan# 389

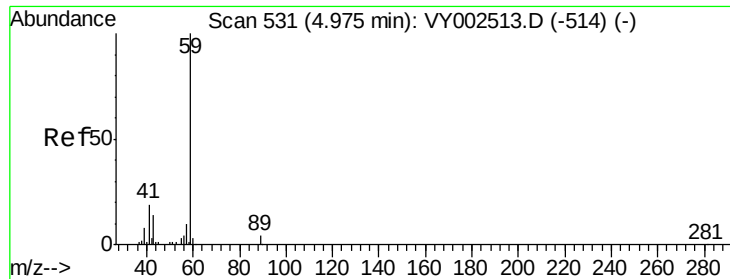
Delta R.T. -0.00 min

Lab File: VY002635.D

Acq: 08 May 2020 12:24

Tgt Ion:	142	Resp:	77894
Ion Ratio	Lower	Upper	
142	100		
127	41.4	33.7	50.5
141	14.6	11.4	17.0





#11

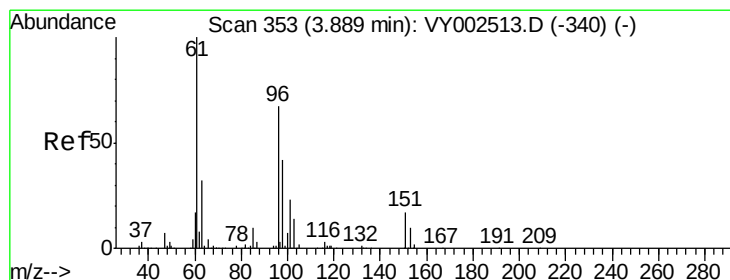
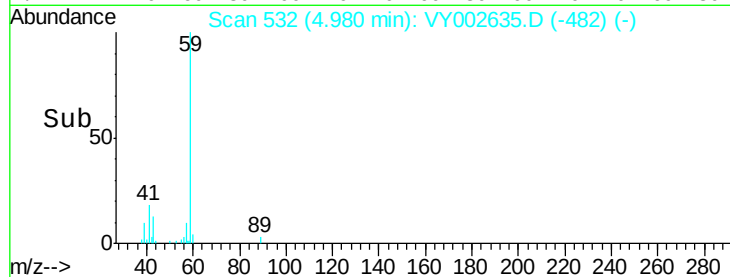
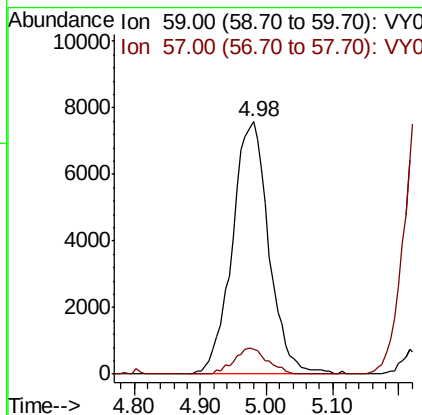
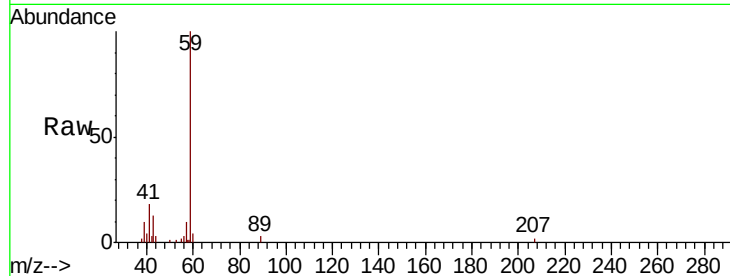
Tert butyl alcohol
Concen: 92.874 ug/l
RT: 4.98 min Scan# 532
Delta R.T. 0.01 min
Lab File: VY002635.D
Acq: 08 May 2020 12:24

Instrument :
MSVOA_Y
ClientSampleId :
VY0508SBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.4	7.8	11.6

Manual Integrations
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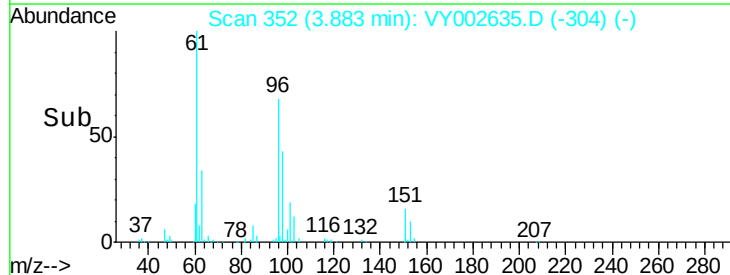
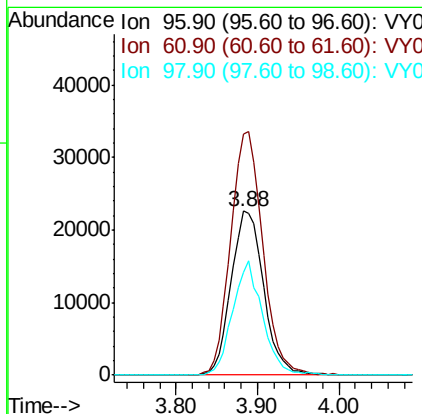
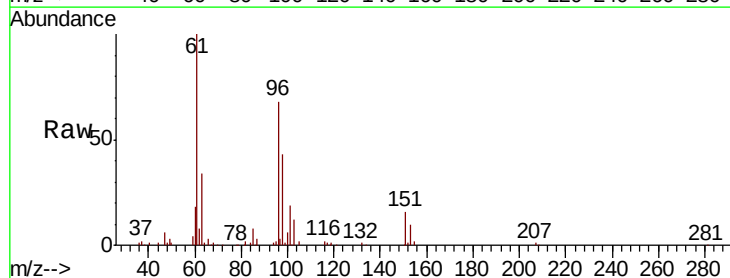
MMDadoda
5/11/2020 1:00:50 PM

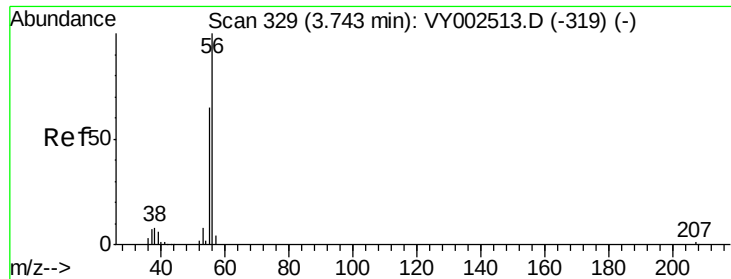


#12

1,1-Dichloroethene
Concen: 20.000 ug/l
RT: 3.88 min Scan# 352
Delta R.T. -0.01 min
Lab File: VY002635.D
Acq: 08 May 2020 12:24

Tgt Ion	Ratio	Lower	Upper
96	100		
61	147.3	118.8	178.2
98	63.2	49.6	74.4





#13

Acrolein

Concen: 75.173 ug/l

RT: 3.75 min Scan# 330

Delta R.T. 0.01 min

Lab File: VY002635.D

Acq: 08 May 2020 12:24

Instrument :

MSVOA_Y

ClientSampleId :

VY0508SBS01

Tot Ion: 56 Resp: 16310

Ion Ratio Lower Upper

56 100

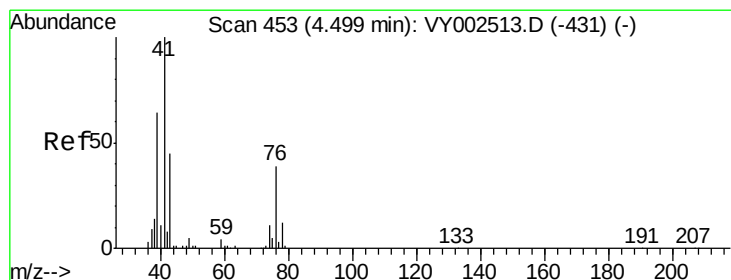
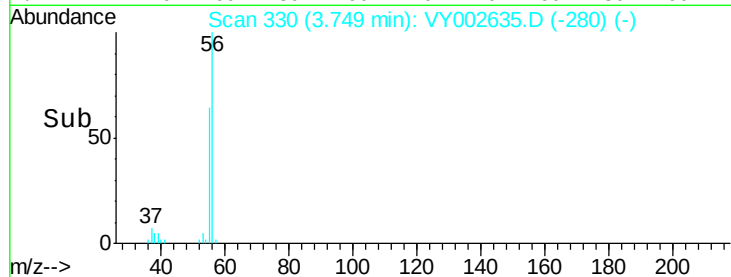
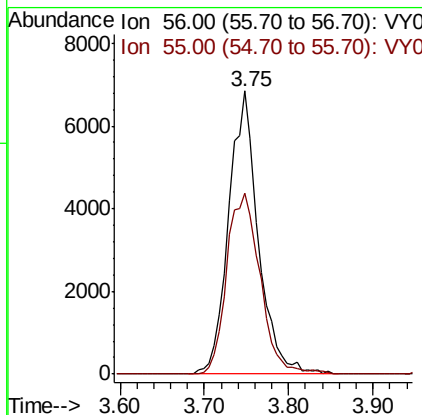
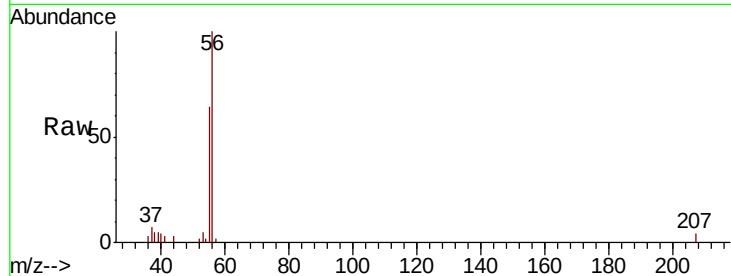
55 72.2 53.8 80.6

Manual Integrations

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MMDadoda

5/11/2020 1:00:50 PM



#14

Allyl chloride

Concen: 20.759 ug/l

RT: 4.49 min Scan# 452

Delta R.T. -0.01 min

Lab File: VY002635.D

Acq: 08 May 2020 12:24

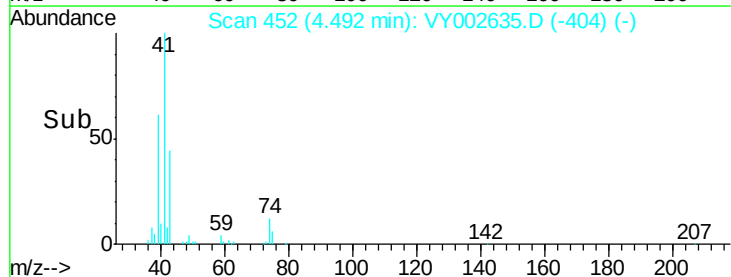
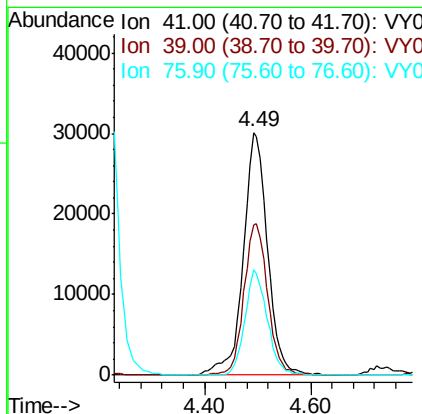
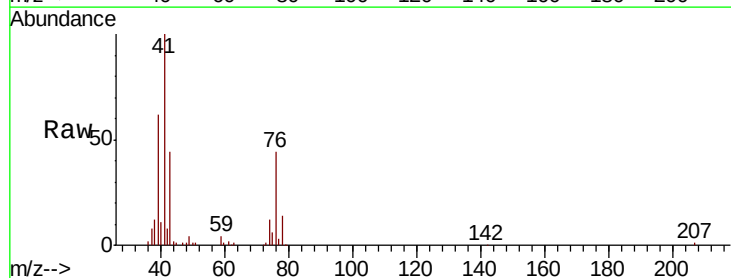
Tgt Ion: 41 Resp: 94441

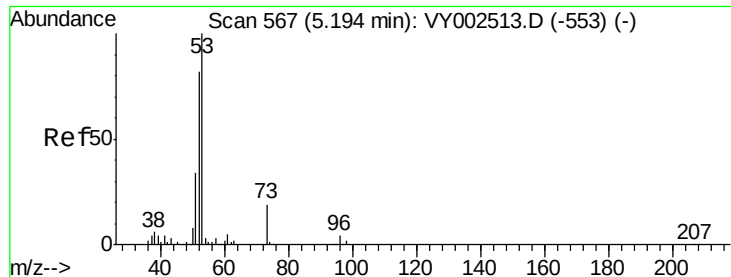
Ion Ratio Lower Upper

41 100

39 61.3 51.8 77.6

76 39.8 31.7 47.5





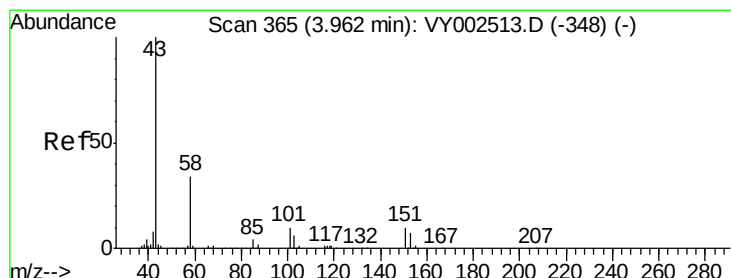
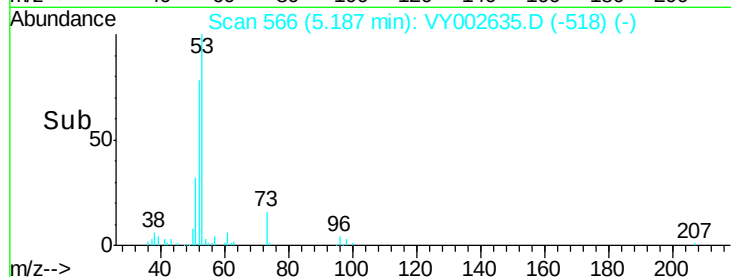
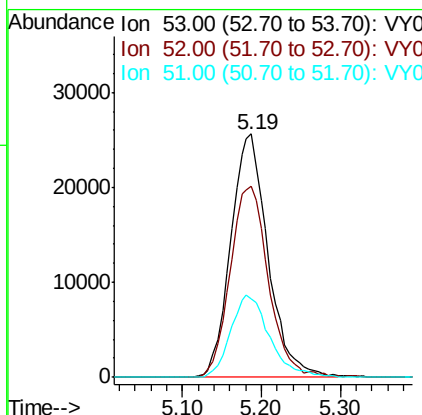
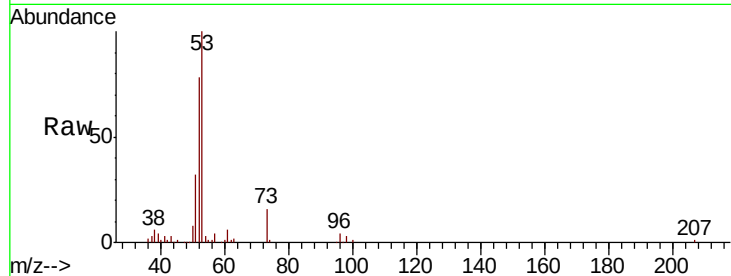
#15
 Acrylonitrile
 Concen: 100.837 ug/l
 RT: 5.19 min Scan# 566
 Delta R.T. -0.01 min
 Lab File: VY002635.D
 Acq: 08 May 2020 12:24

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0508SBS01

Tot Ion:	53	Resp:	84037
Ion Ratio	Lower	Upper	
53	100		
52	81.0	65.4	98.0
51	35.4	28.7	43.1

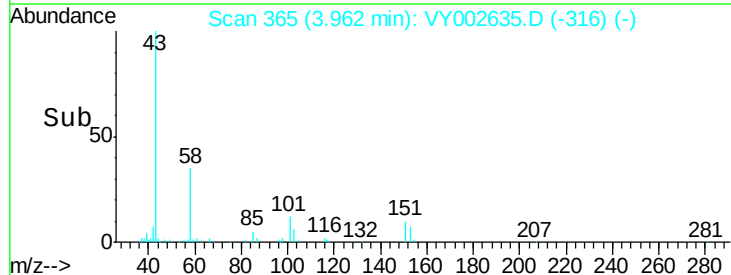
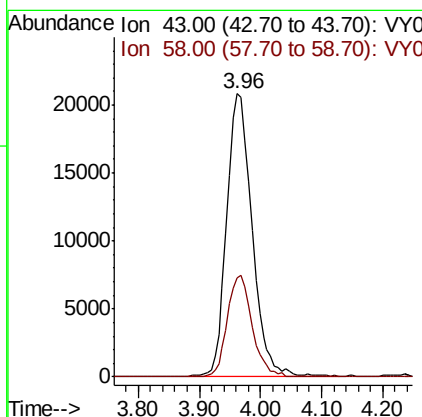
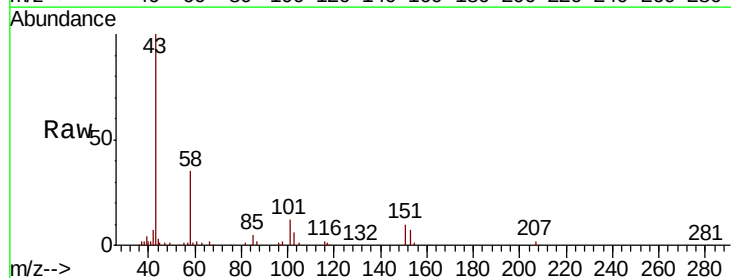
Manual Integrations
 APPROVED

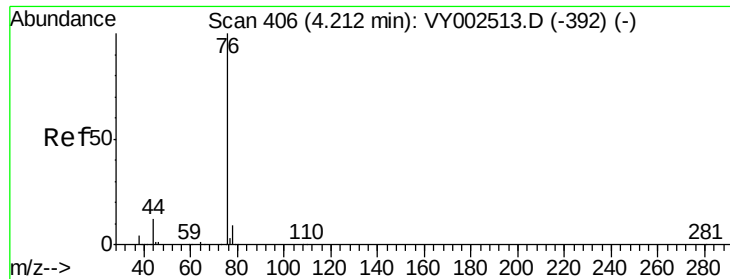
MMDadoda
 5/11/2020 1:00:50 PM



#16
 Acetone
 Concen: 95.183 ug/l
 RT: 3.96 min Scan# 365
 Delta R.T. -0.00 min
 Lab File: VY002635.D
 Acq: 08 May 2020 12:24

Tgt Ion:	43	Resp:	59907
Ion Ratio	Lower	Upper	
43	100		
58	35.1	26.9	40.3





#17

Carbon Disulfide

Concen: 18.091 ug/l

RT: 4.21 min Scan# 405

Delta R.T. -0.01 min

Lab File: VY002635.D

Acq: 08 May 2020 12:24

Instrument :

MSVOA_Y

ClientSampleId :

VY0508SBS01

Tot Ion: 76 Resp: 169935

Ion Ratio Lower Upper

76 100

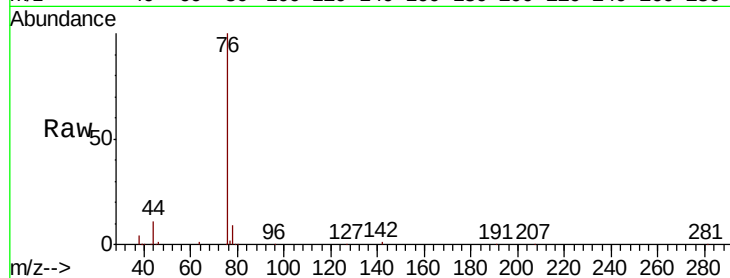
78 9.5 7.4 11.2

Manual Integrations

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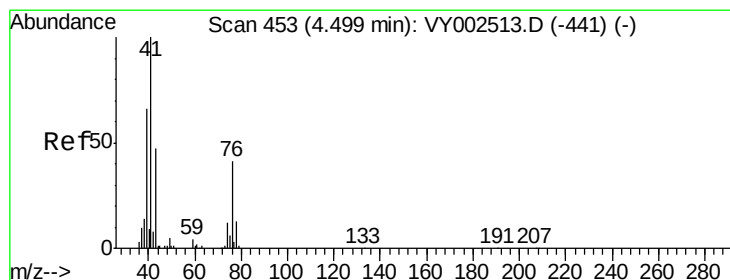
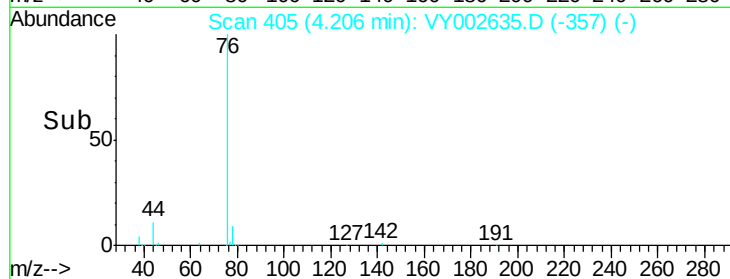
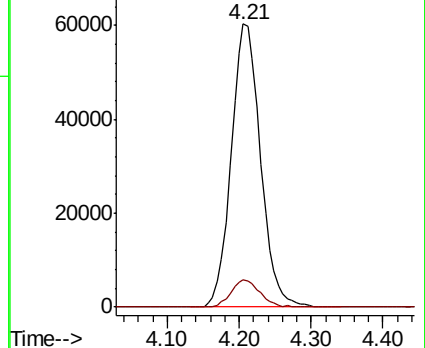
MMDadoda

5/11/2020 1:00:50 PM



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 19.220 ug/l

RT: 4.50 min Scan# 453

Delta R.T. -0.00 min

Lab File: VY002635.D

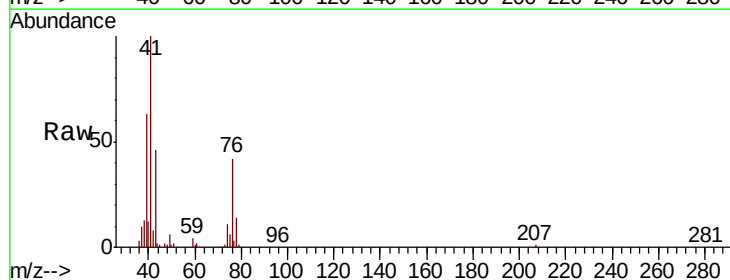
Acq: 08 May 2020 12:24

Tgt Ion: 43 Resp: 40418

Ion Ratio Lower Upper

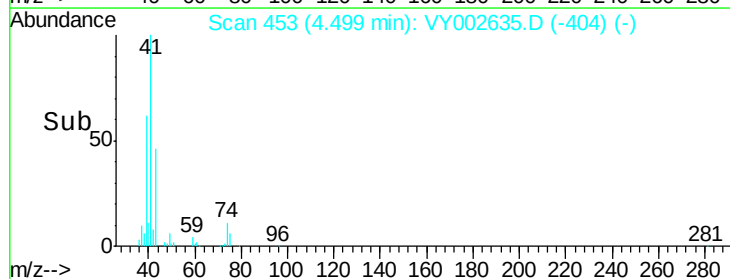
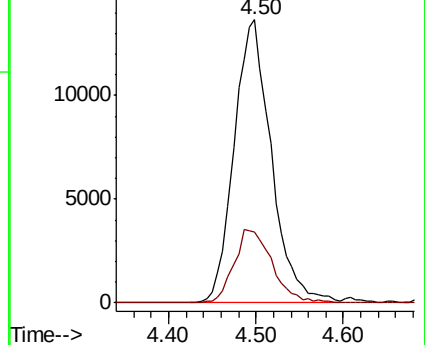
43 100

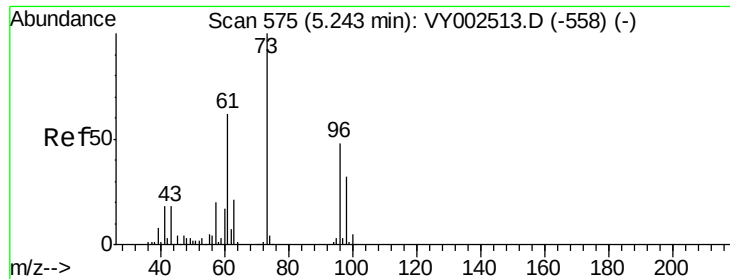
74 26.5 21.2 31.8



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0





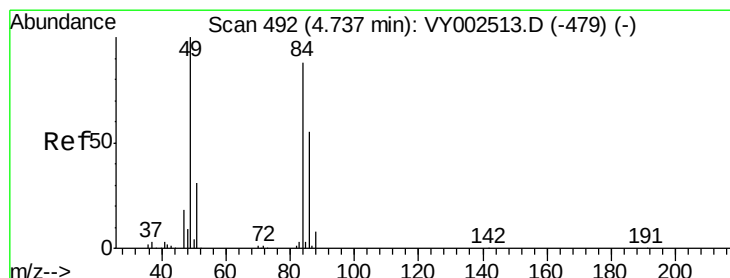
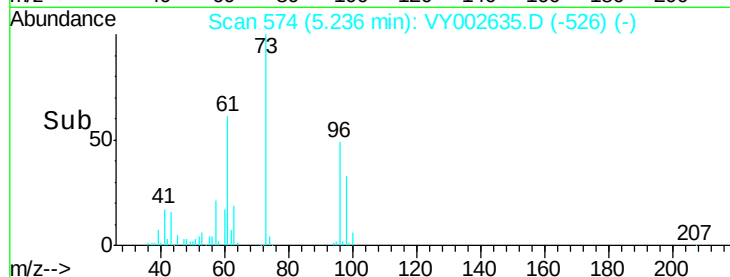
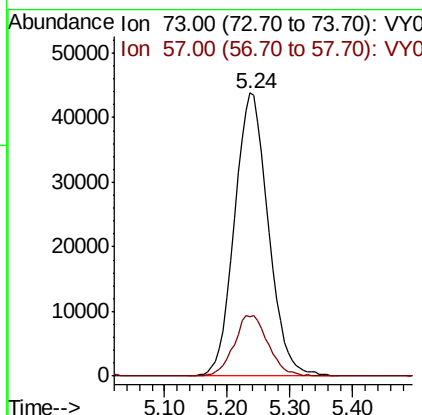
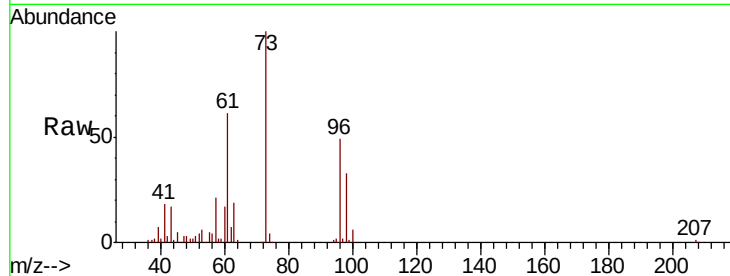
#19
Methyl tert-butyl Ether
Concen: 20.028 ug/l
RT: 5.24 min Scan# 574
Delta R.T. -0.01 min
Lab File: VY002635.D
Acq: 08 May 2020 12:24

Instrument :
MSVOA_Y
ClientSampleId :
VY0508SBS01

Tot Ion: 73 Resp: 163151
Ion Ratio Lower Upper
73 100
57 21.1 16.3 24.5

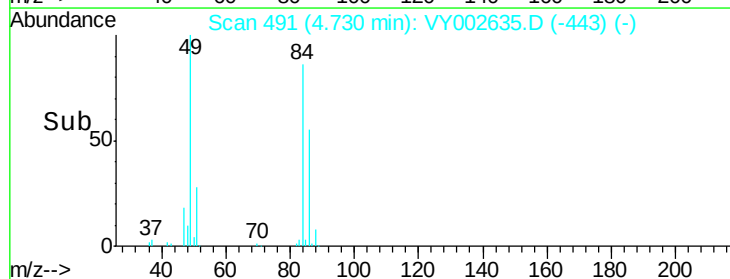
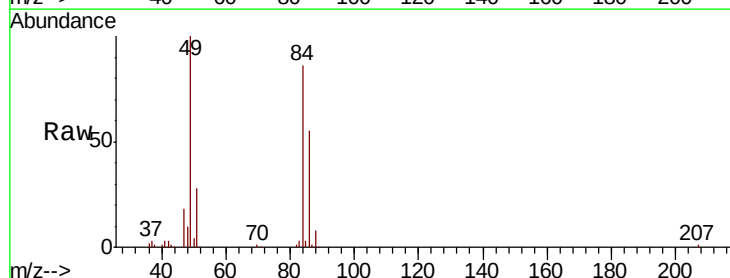
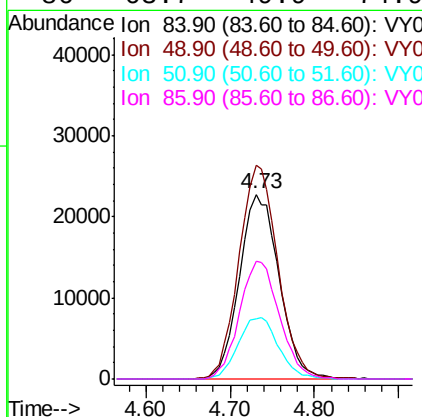
Manual Integrations
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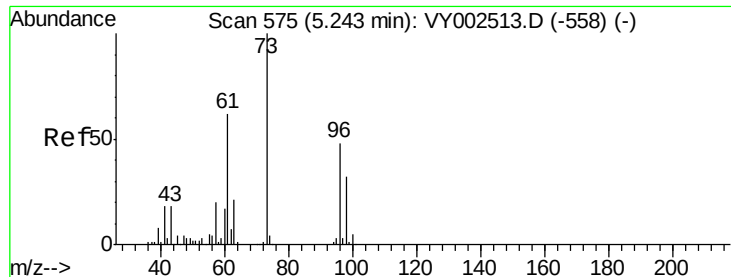
MMDadoda
5/11/2020 1:00:50 PM



#20
Methylene Chloride
Concen: 20.698 ug/l
RT: 4.73 min Scan# 491
Delta R.T. -0.01 min
Lab File: VY002635.D
Acq: 08 May 2020 12:24

Tgt Ion: 84 Resp: 72847
Ion Ratio Lower Upper
84 100
49 115.7 90.5 135.7
51 32.7 28.3 42.5
86 63.7 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 20.341 ug/l

RT: 5.24 min Scan# 574

Delta R.T. -0.01 min

Lab File: VY002635.D

Acq: 08 May 2020 12:24

Instrument :

MSVOA_Y

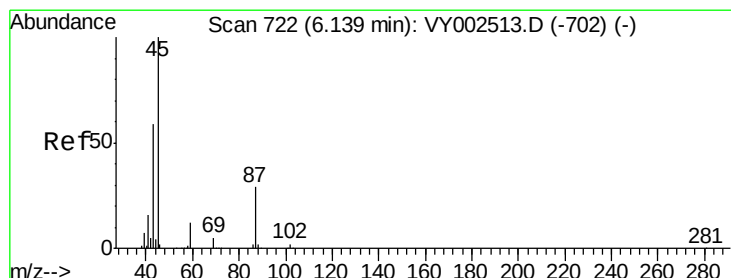
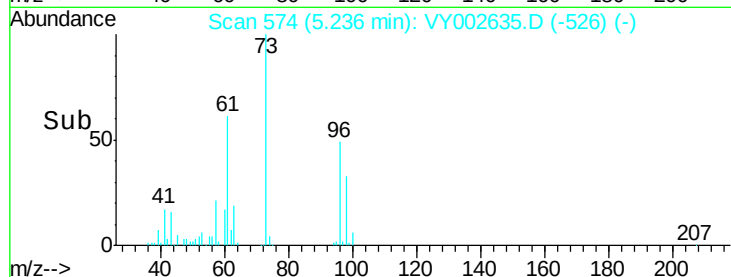
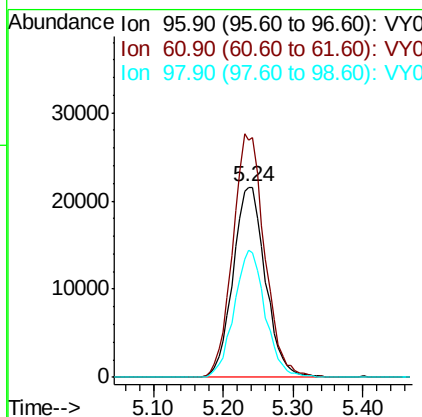
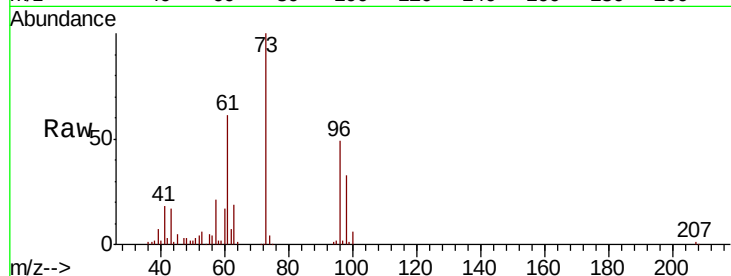
ClientSampleId :

VY0508SBS01

Tot Ion:	96	Resp:	69418
Ion	Ratio	Lower	Upper
96	100		
61	124.6	102.0	153.0
98	66.9	53.0	79.4

Manual Integrations
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5/11/2020 1:00:50 PM



#22

Diisopropyl ether

Concen: 21.521 ug/l

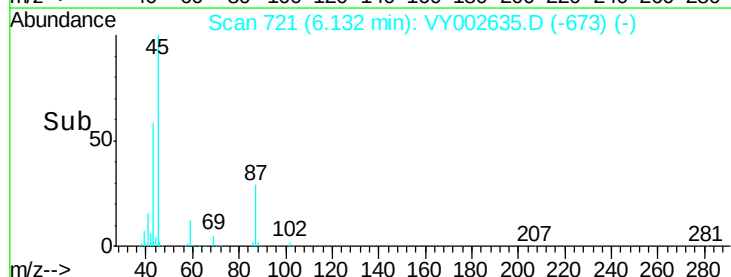
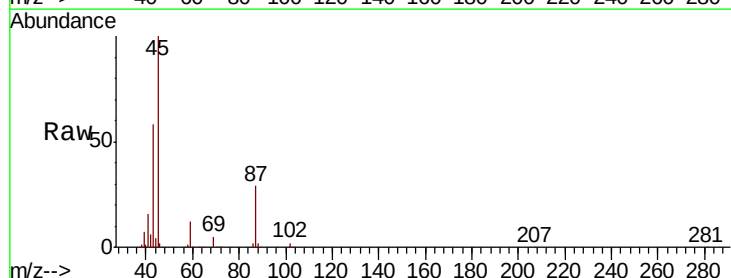
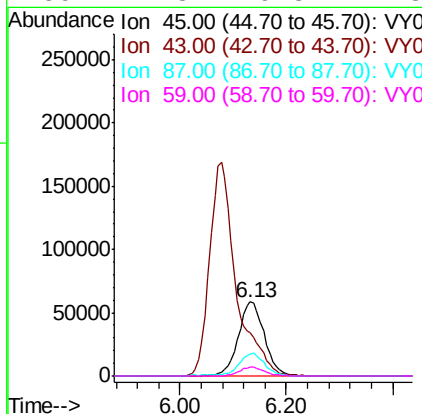
RT: 6.13 min Scan# 721

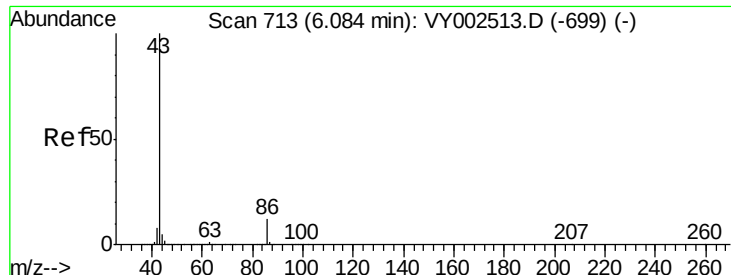
Delta R.T. -0.01 min

Lab File: VY002635.D

Acq: 08 May 2020 12:24

Tgt Ion:	45	Resp:	198097
Ion	Ratio	Lower	Upper
45	100		
43	58.1	47.4	71.0
87	29.4	24.0	36.0
59	11.8	9.8	14.8





#23

Vinyl Acetate

Concen: 100.605 ug/l

RT: 6.08 min Scan# 712

Delta R.T. -0.01 min

Lab File: VY002635.D

Acq: 08 May 2020 12:24

Instrument :

MSVOA_Y

ClientSampleId :

VY0508SBS01

Tot Ion: 43 Resp: 582397

Ion Ratio Lower Upper

43 100

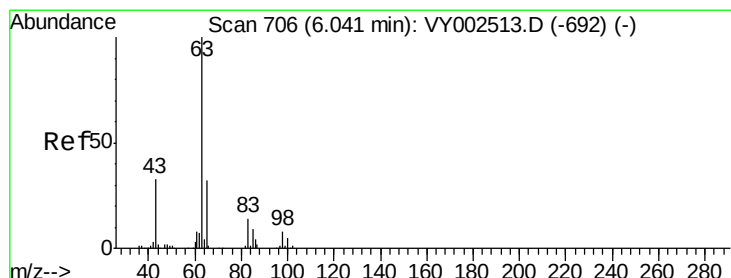
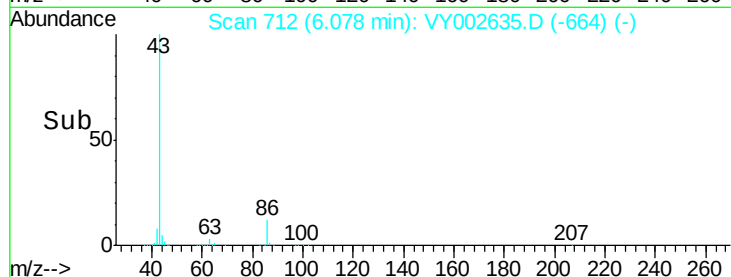
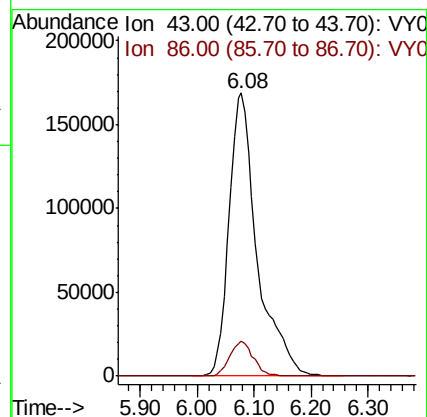
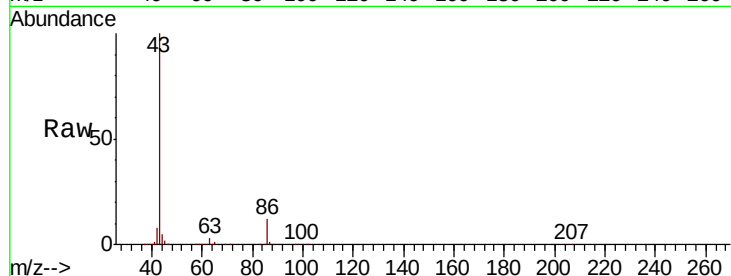
86 12.4 9.8 14.6

Manual Integrations

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MMDadoda

5/11/2020 1:00:50 PM



#24

1,1-Dichloroethane

Concen: 20.797 ug/l

RT: 6.03 min Scan# 705

Delta R.T. -0.01 min

Lab File: VY002635.D

Acq: 08 May 2020 12:24

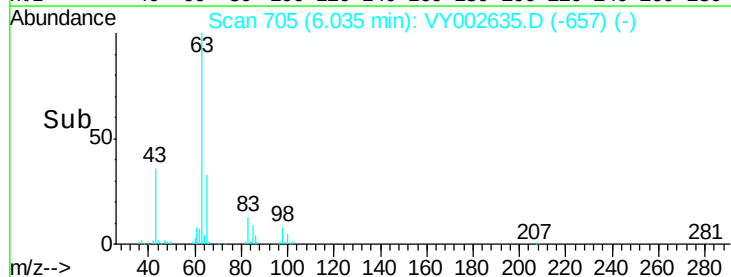
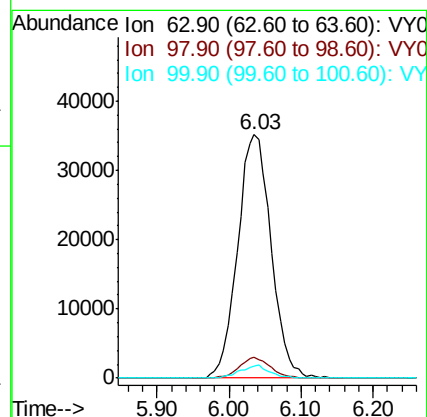
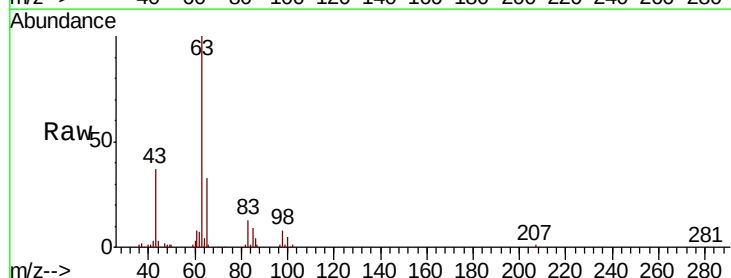
Tgt Ion: 63 Resp: 113253

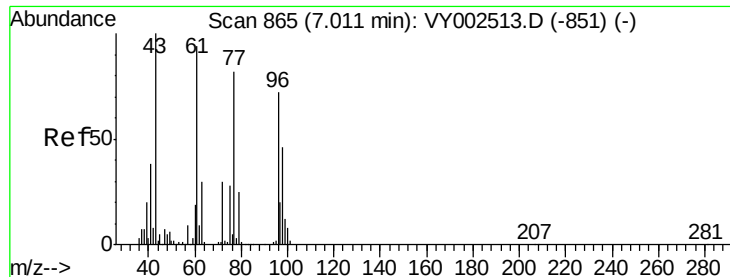
Ion Ratio Lower Upper

63 100

98 8.5 3.9 11.7

100 4.9 2.4 7.2





#25

2-Butanone

Concen: 96.864 ug/l

RT: 7.00 min Scan# 864

Delta R.T. -0.01 min

Lab File: VY002635.D

Acq: 08 May 2020 12:24

Instrument :

MSVOA_Y

ClientSampleId :

VY0508SBS01

Tot Ion: 43 Resp: 99796

Ion Ratio Lower Upper

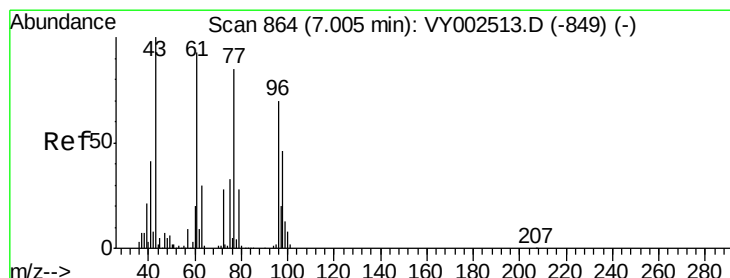
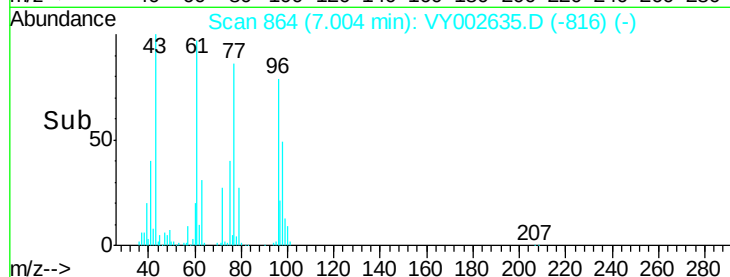
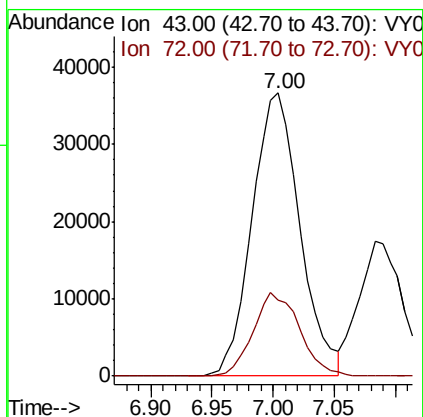
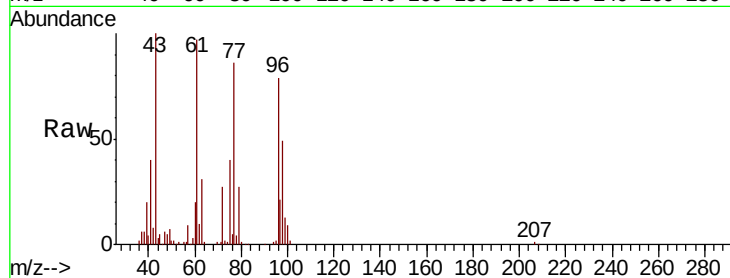
43 100

72 27.0 24.1 36.1

Manual Integrations
APPROVED

MMDadoda

5/11/2020 1:00:50 PM



#26

2,2-Dichloropropane

Concen: 20.057 ug/l

RT: 7.00 min Scan# 863

Delta R.T. -0.01 min

Lab File: VY002635.D

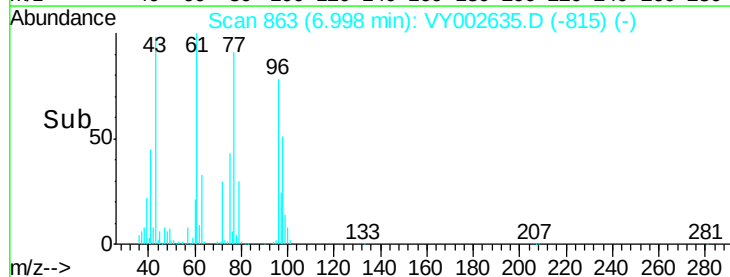
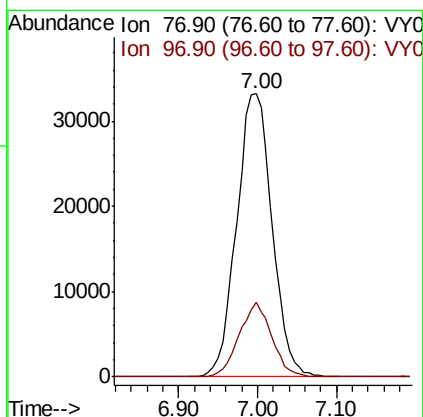
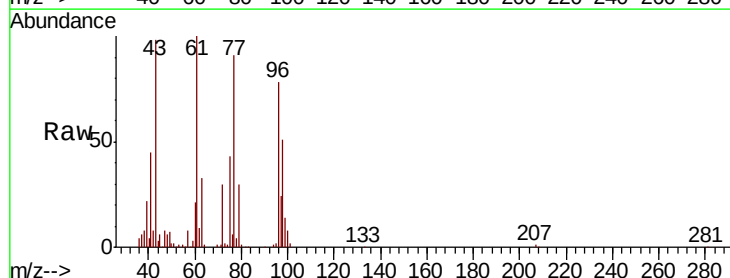
Acq: 08 May 2020 12:24

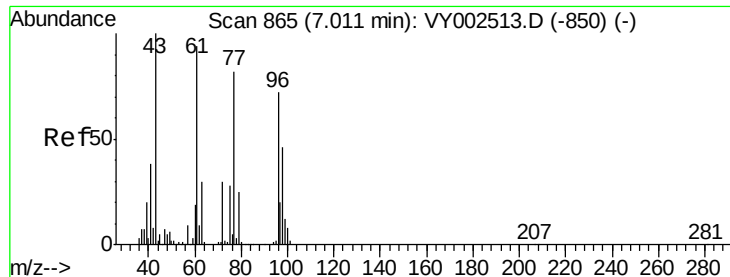
Tgt Ion: 77 Resp: 103818

Ion Ratio Lower Upper

77 100

97 24.1 11.9 35.5





#27

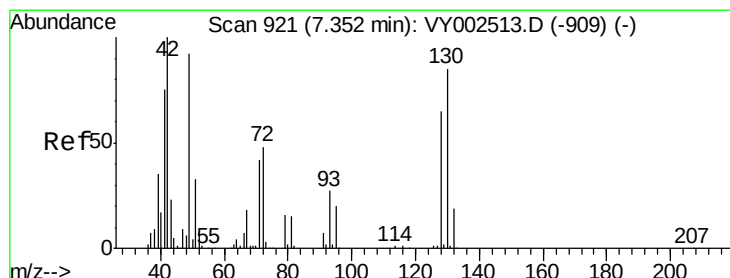
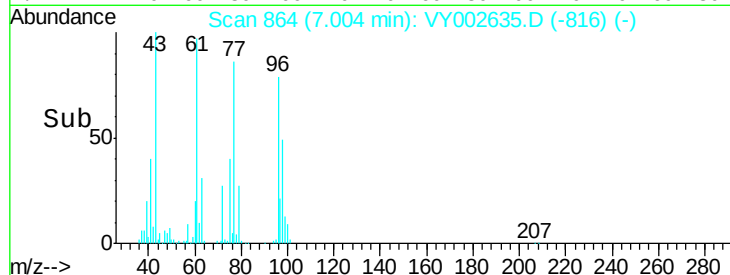
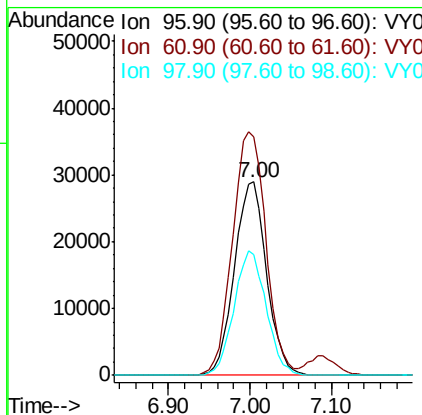
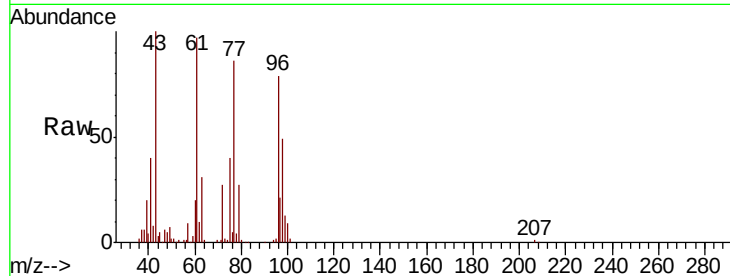
cis-1,2-Dichloroethene
 Concen: 20.914 ug/l
 RT: 7.00 min Scan# 864
 Delta R.T. -0.01 min
 Lab File: VY002635.D
 Acq: 08 May 2020 12:24

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0508SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	130.7	0.0	266.6
98	64.3	0.0	129.2

Manual Integrations
 APPROVED

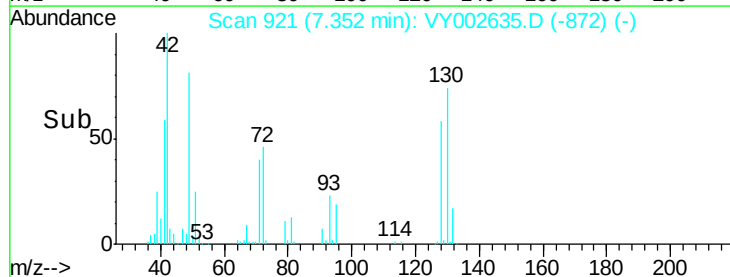
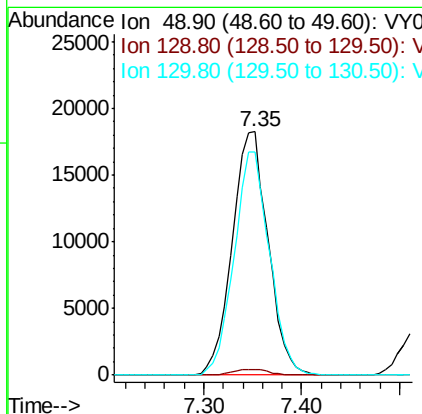
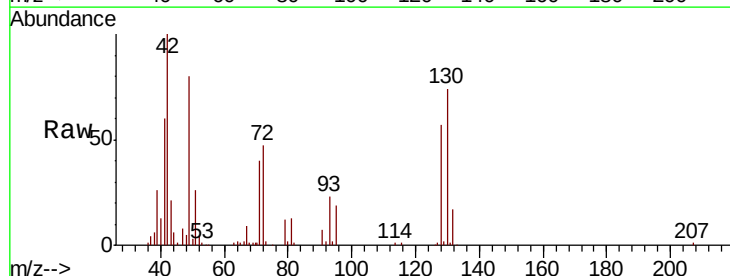
MMDadoda
 5/11/2020 1:00:50 PM

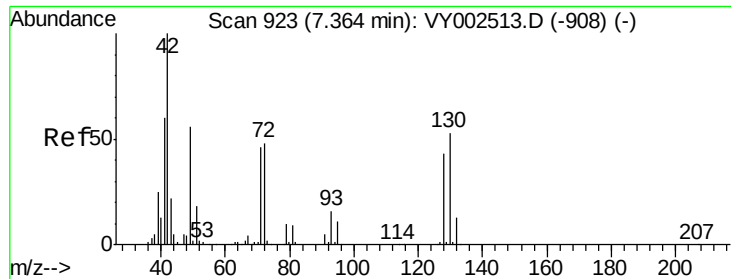


#28

Bromochloromethane
 Concen: 20.854 ug/l
 RT: 7.35 min Scan# 921
 Delta R.T. -0.00 min
 Lab File: VY002635.D
 Acq: 08 May 2020 12:24

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	4.8
130	90.1	72.5	108.7





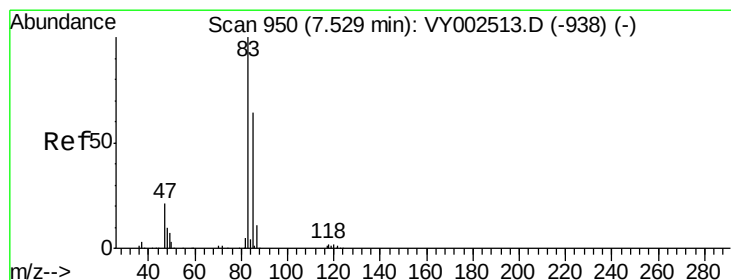
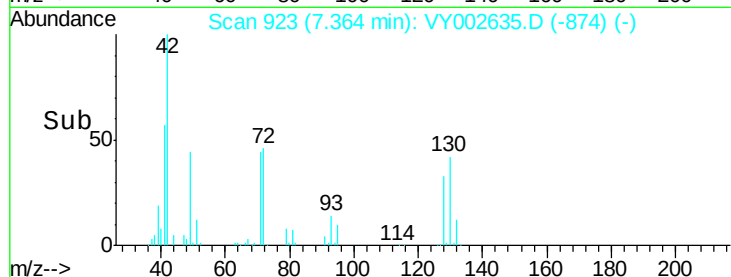
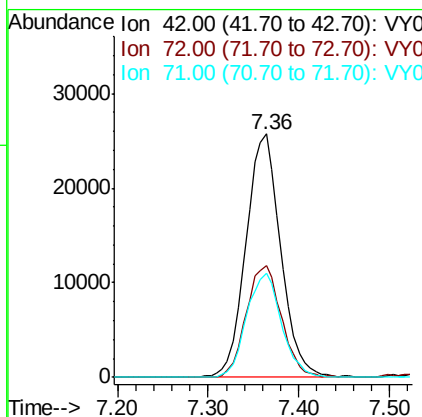
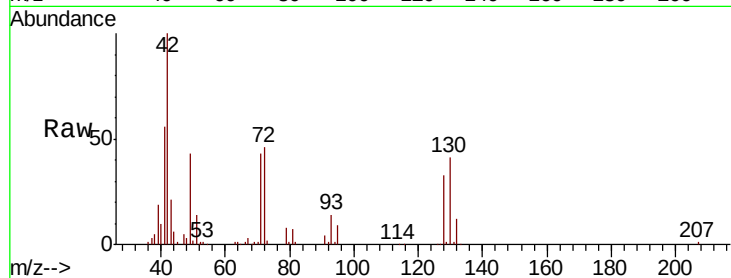
#29
Tetrahydrofuran
Concen: 100.120 ug/l
RT: 7.36 min Scan# 923
Delta R.T. -0.00 min
Lab File: VY002635.D
Acq: 08 May 2020 12:24

Instrument :
MSVOA_Y
ClientSampleId :
VY0508SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.7	37.4	56.2
71	43.1	35.0	52.4

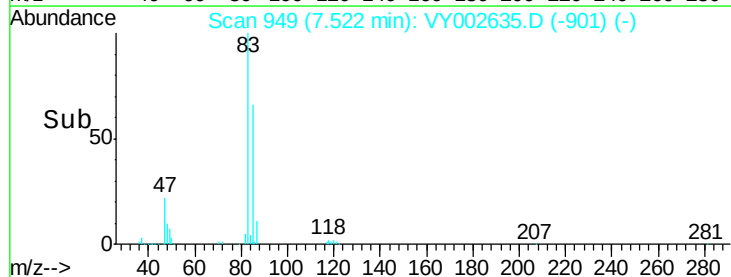
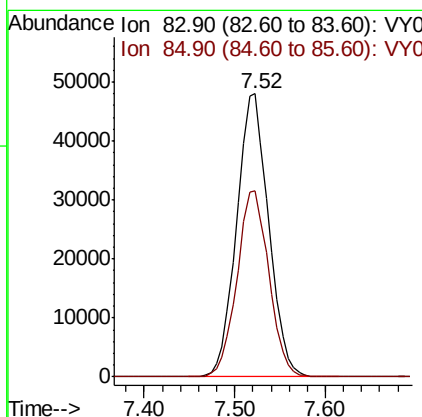
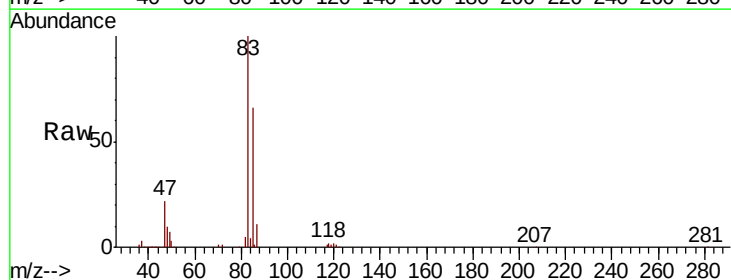
Manual Integrations
APPROVED

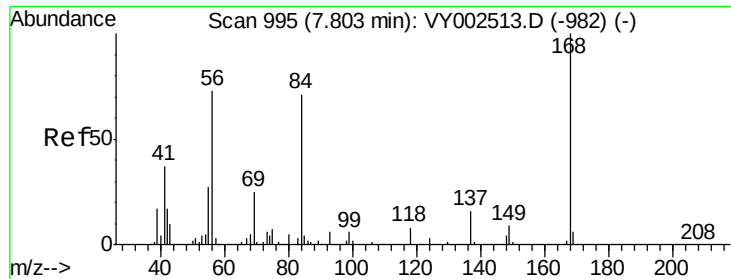
MMDadoda
5/11/2020 1:00:50 PM



#30
Chloroform
Concen: 20.787 ug/l
RT: 7.52 min Scan# 949
Delta R.T. -0.01 min
Lab File: VY002635.D
Acq: 08 May 2020 12:24

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.6	51.5	77.3





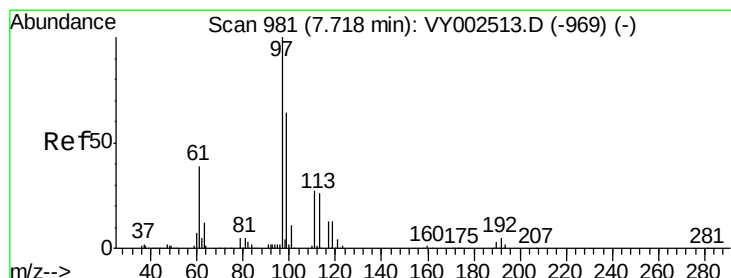
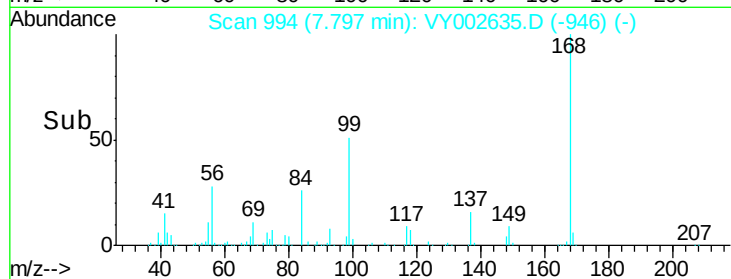
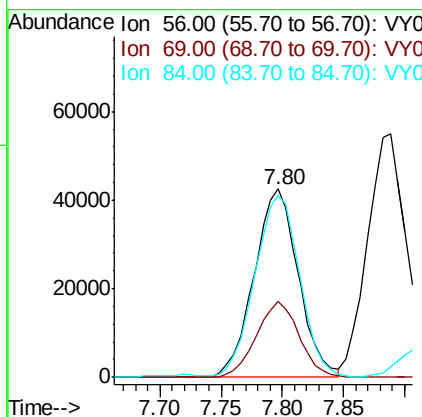
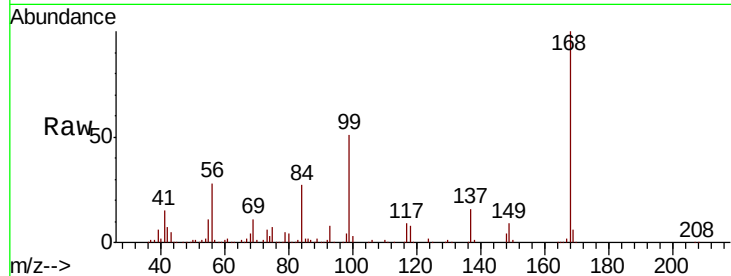
#31
Cyclohexane
Concen: 19.531 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.01 min
Lab File: VY002635.D
Acq: 08 May 2020 12:24

Instrument :
MSVOA_Y
ClientSampleId :
VY0508SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	40.1	27.6	41.4
84	95.2	77.7	116.5

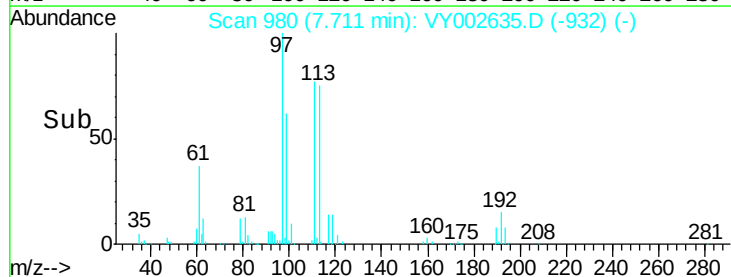
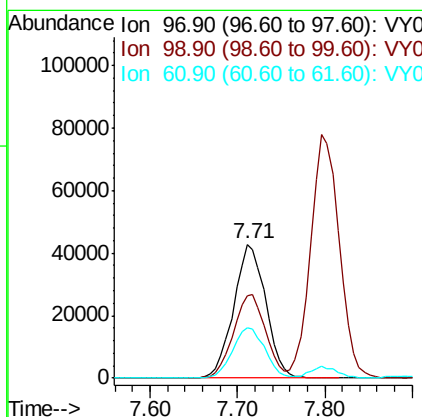
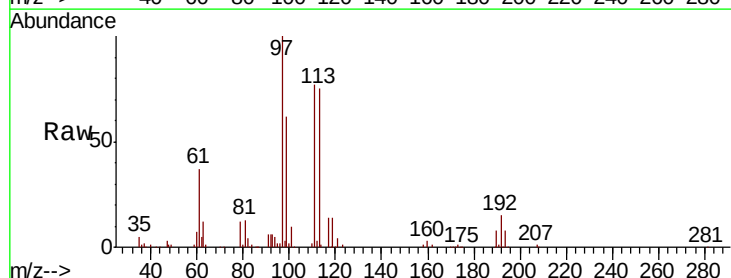
Manual Integrations
APPROVED

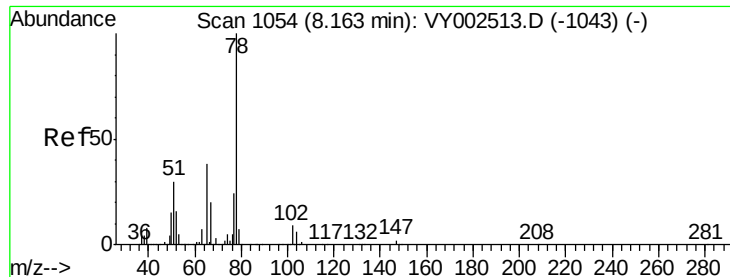
MMDadoda
5/11/2020 1:00:50 PM



#32
1,1,1-Trichloroethane
Concen: 20.737 ug/l
RT: 7.71 min Scan# 980
Delta R.T. -0.01 min
Lab File: VY002635.D
Acq: 08 May 2020 12:24

Tgt Ion	Ratio	Lower	Upper
97	100		
99	62.7	51.9	77.9
61	38.1	31.0	46.6





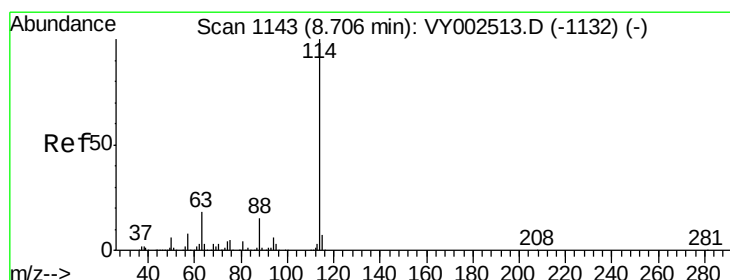
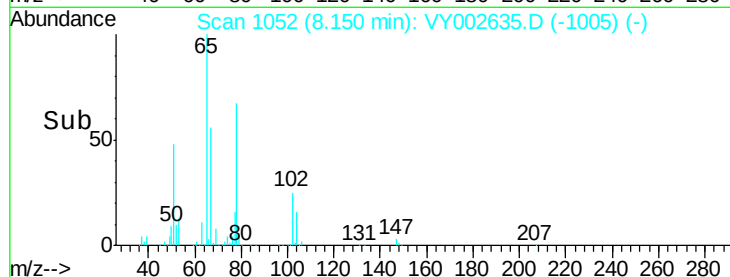
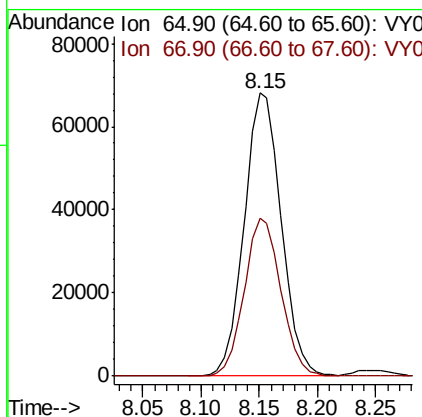
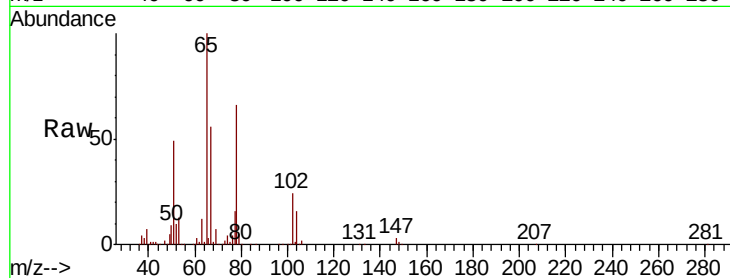
#33
 1,2-Dichloroethane-d4
 Concen: 49.512 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: VY002635.D
 Acq: 08 May 2020 12:24

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0508SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	55.2	0.0	107.2	

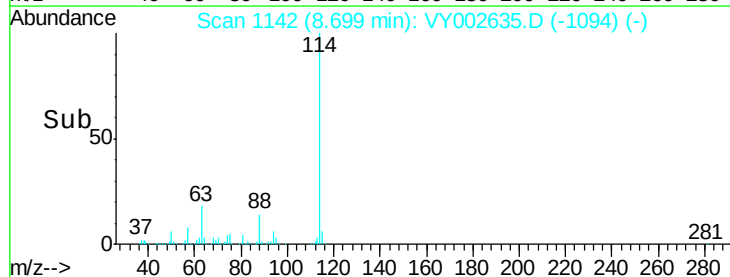
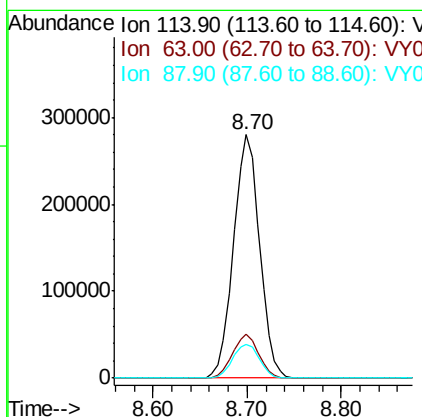
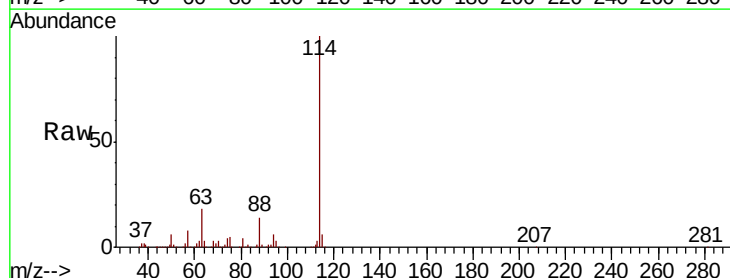
Manual Integrations
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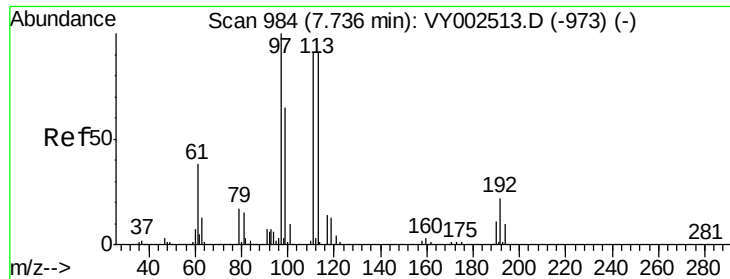
MMDadoda
 5/11/2020 1:00:50 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: VY002635.D
 Acq: 08 May 2020 12:24

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	17.9	0.0	36.4	
88	14.0	0.0	29.6	





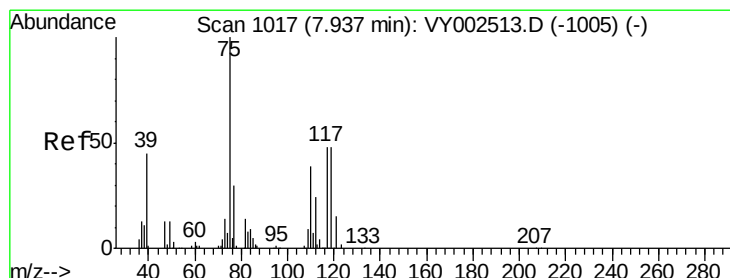
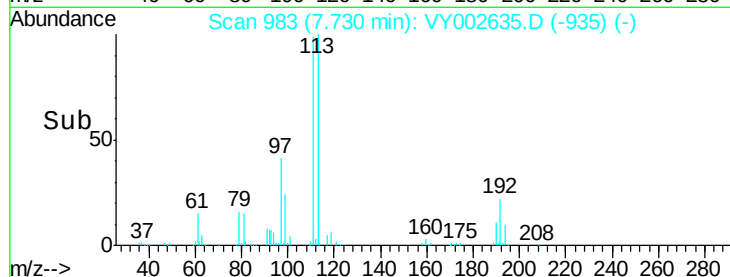
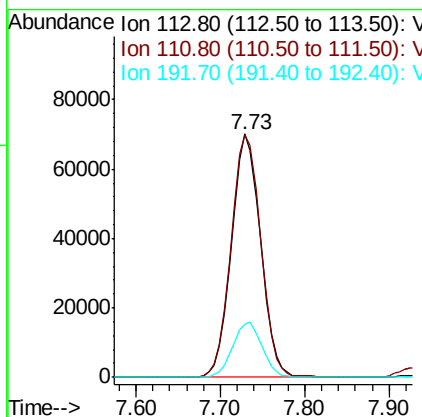
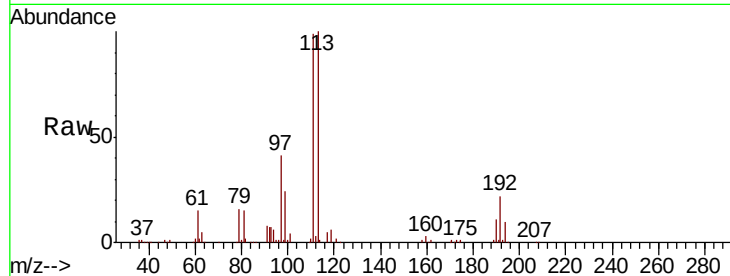
#35
Dibromofluoromethane
Concen: 53.214 ug/l
RT: 7.73 min Scan# 983
Delta R.T. -0.01 min
Lab File: VY002635.D
Acq: 08 May 2020 12:24

Instrument :
MSVOA_Y
ClientSampleId :
VY0508SBS01

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.1	81.8	122.6
192	22.7	18.2	27.4

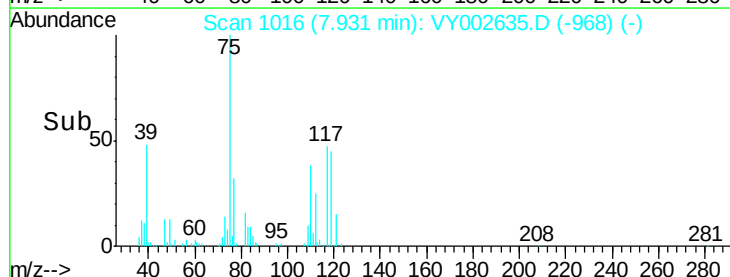
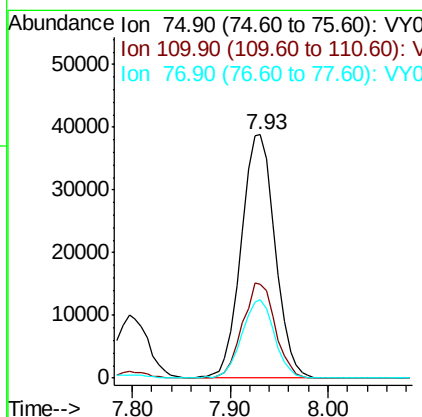
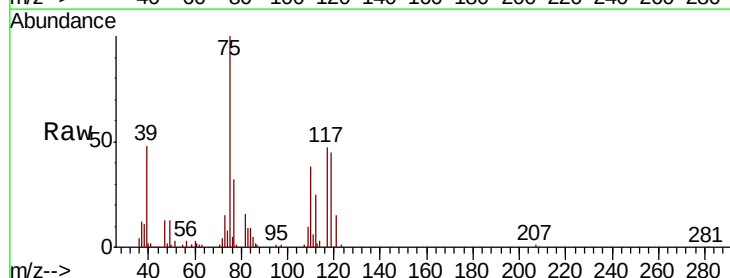
Manual Integrations
APPROVED

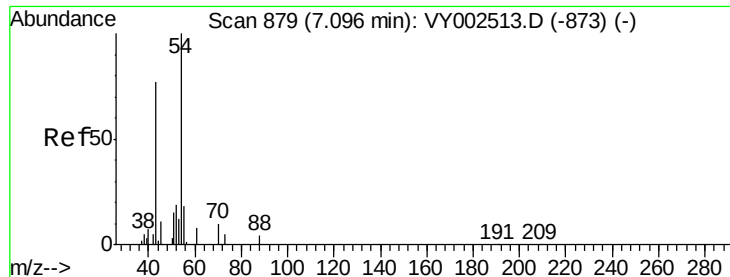
MMDadoda
5/11/2020 1:00:50 PM



#36
1,1-Dichloropropene
Concen: 20.680 ug/l
RT: 7.93 min Scan# 1016
Delta R.T. -0.01 min
Lab File: VY002635.D
Acq: 08 May 2020 12:24

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.6	19.1	57.3
77	31.1	24.6	37.0





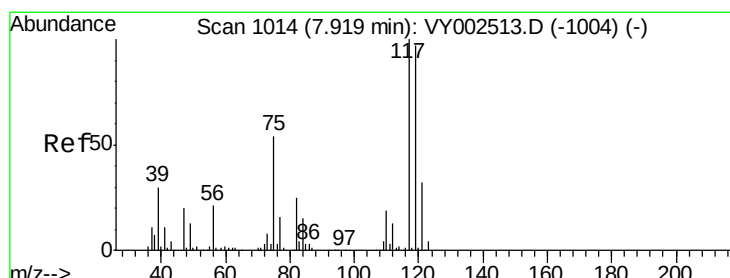
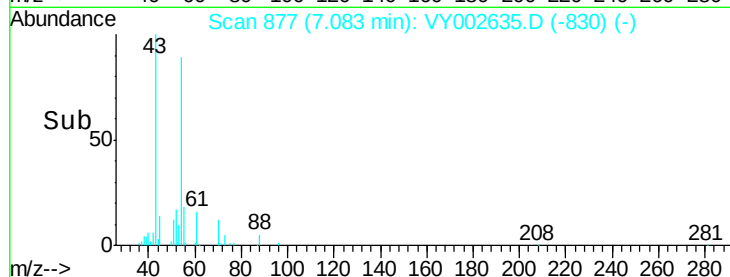
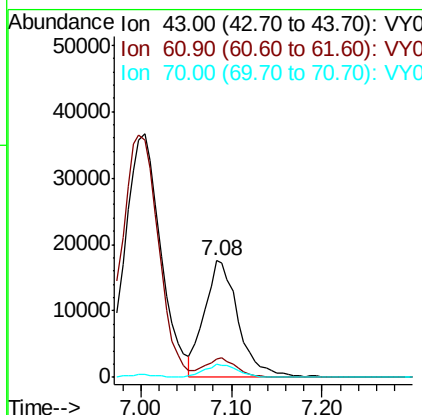
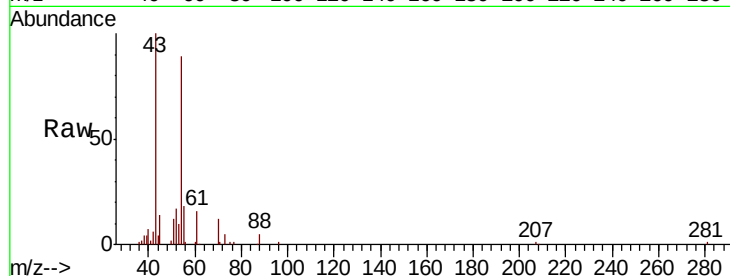
#37
Ethyl Acetate
Concen: 19.840 ug/l
RT: 7.08 min Scan# 877
Delta R.T. -0.01 min
Lab File: VY002635.D
Acq: 08 May 2020 12:24

Instrument :
MSVOA_Y
ClientSampleId :
VY0508SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.2	11.6	17.4
70	11.1	9.0	13.6

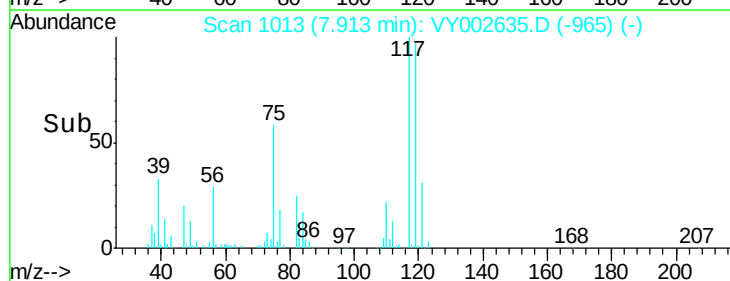
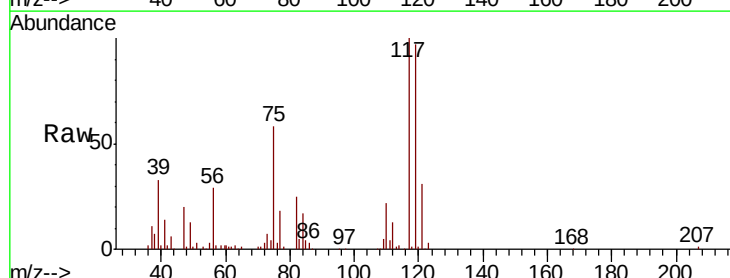
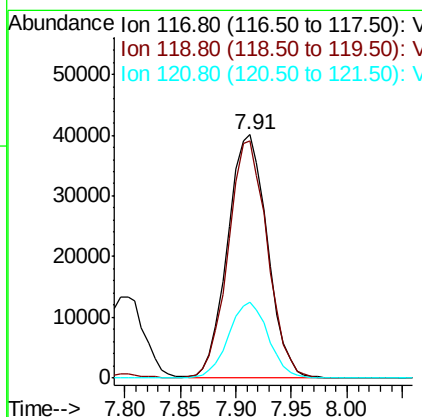
Manual Integrations
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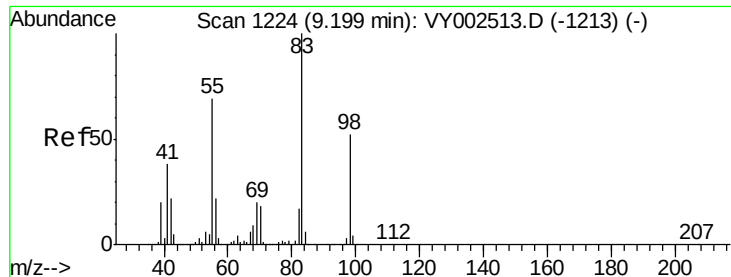
MMDadoda
5/11/2020 1:00:50 PM



#38
Carbon Tetrachloride
Concen: 20.190 ug/l
RT: 7.91 min Scan# 1013
Delta R.T. -0.01 min
Lab File: VY002635.D
Acq: 08 May 2020 12:24

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.3	77.1	115.7
121	31.2	25.2	37.8





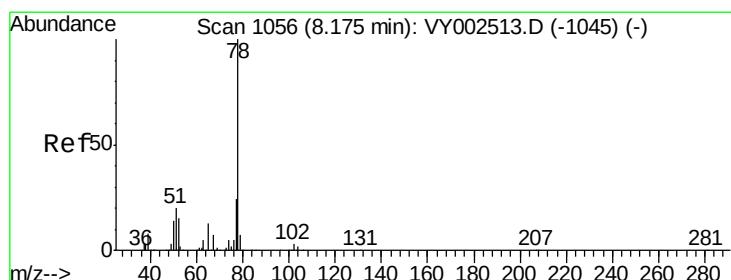
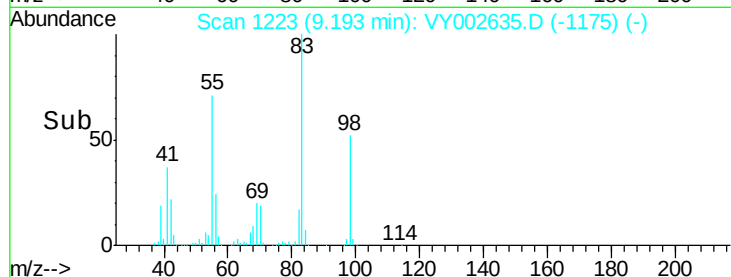
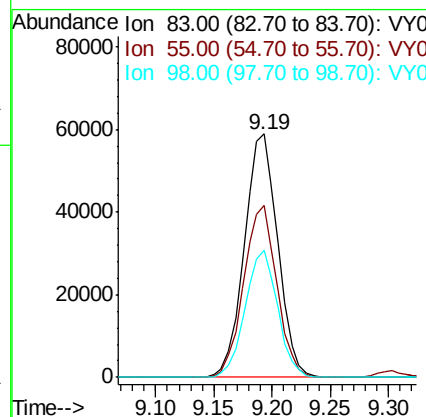
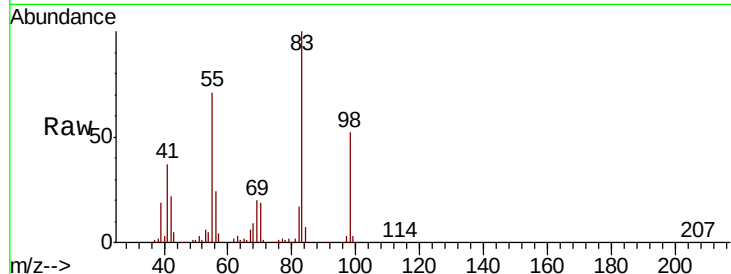
#39
Methylvlcyclohexane
Concen: 19.820 ug/l
RT: 9.19 min Scan# 1223
Delta R.T. -0.01 min
Lab File: VY002635.D
Acq: 08 May 2020 12:24

Instrument :
MSVOA_Y
ClientSampleId :
VY0508SBS01

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	70.6	55.4	83.0	
98	52.0	41.3	61.9	

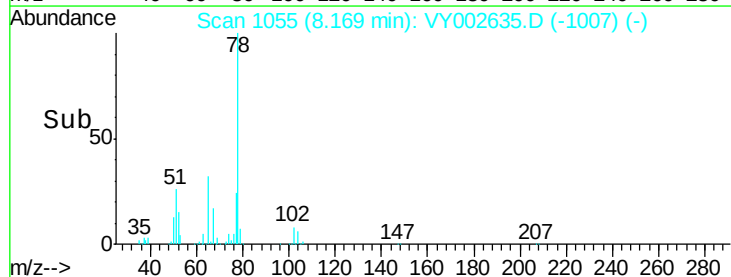
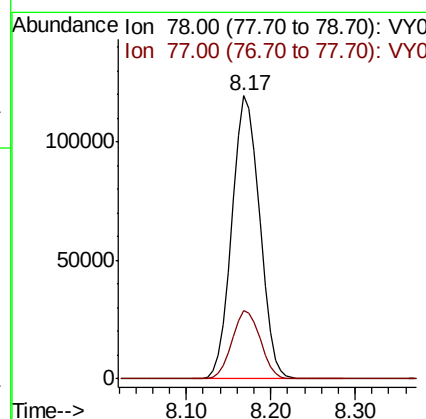
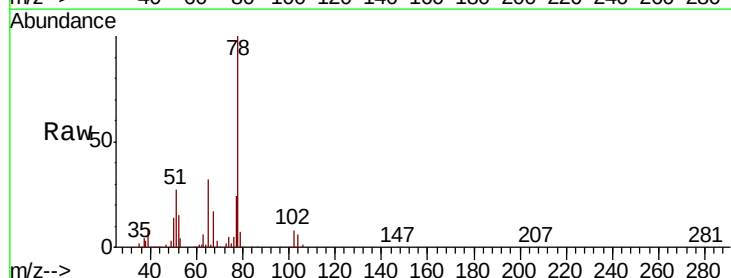
Manual Integrations
APPROVED

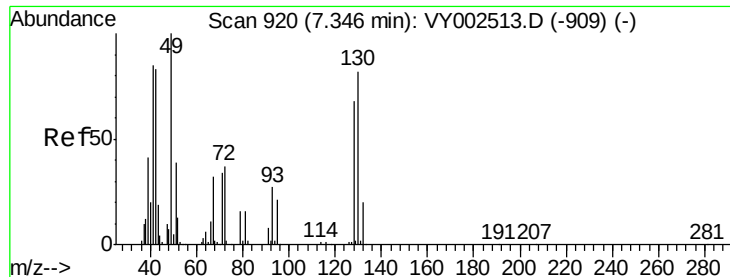
MMDadoda
5/11/2020 1:00:50 PM



#40
Benzene
Concen: 20.554 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.01 min
Lab File: VY002635.D
Acq: 08 May 2020 12:24

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	24.1	19.2	28.8	





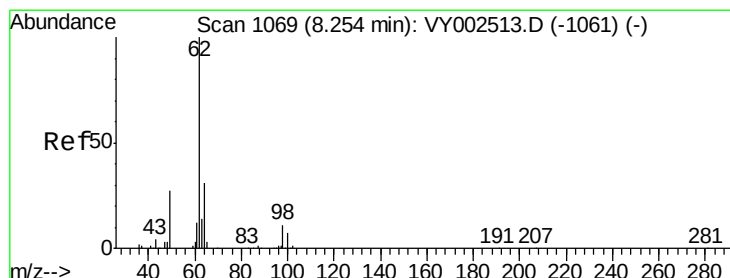
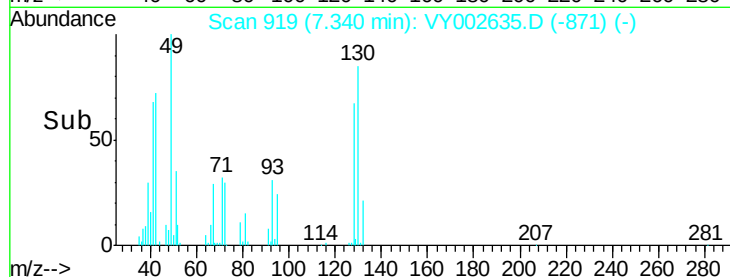
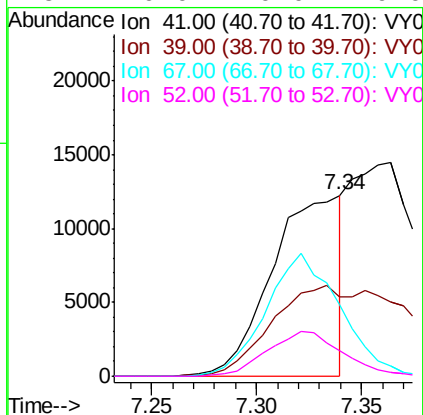
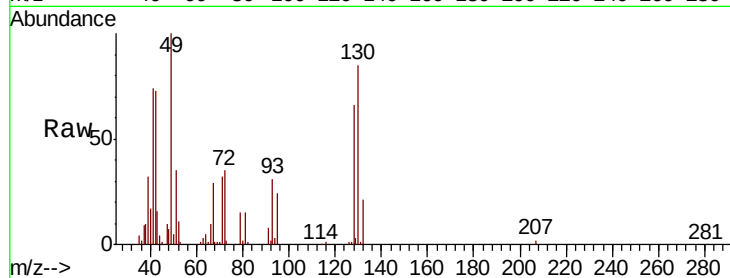
#41
Methacrylonitrile
Concen: 22.681 ug/l m
RT: 7.34 min Scan# 919
Delta R.T. -0.01 min
Lab File: VY002635.D
Acq: 08 May 2020 12:24

Instrument :
MSVOA_Y
ClientSampleId :
VY0508SBS01

Tot Ion	Ratio	Lower	Upper
41	100		
39	0.0	83.1	124.7#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

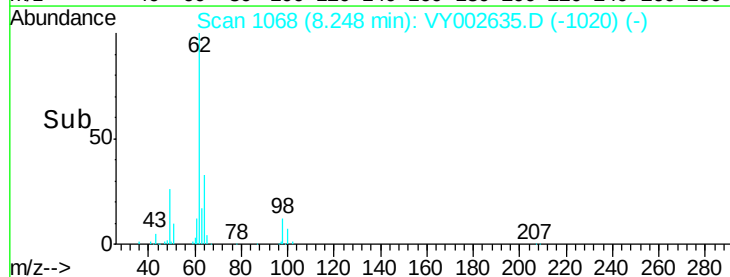
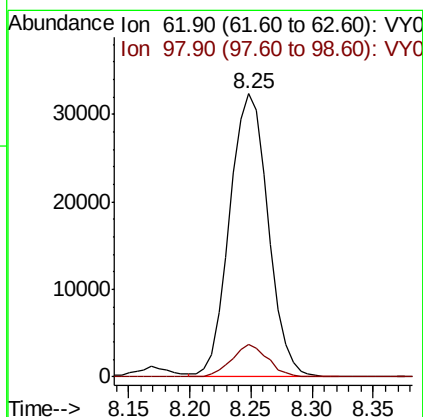
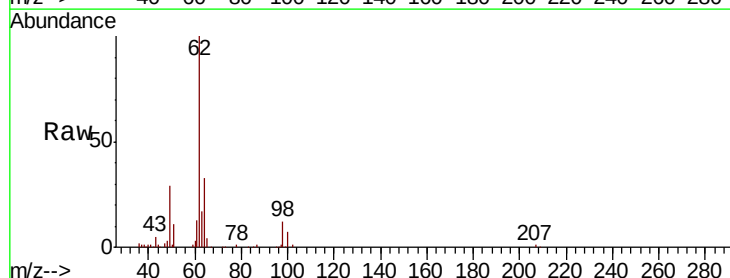
Manual Integrations
APPROVED

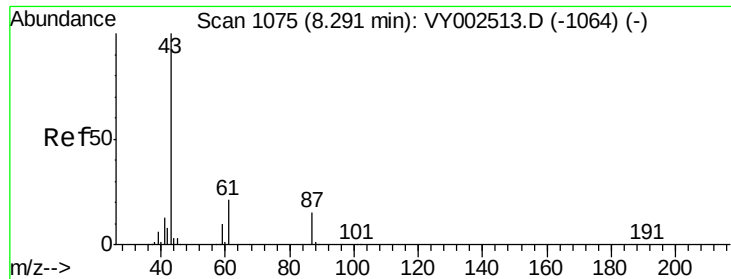
MMDadoda
5/11/2020 1:00:50 PM



#42
1,2-Dichloroethane
Concen: 19.347 ug/l
RT: 8.25 min Scan# 1068
Delta R.T. -0.01 min
Lab File: VY002635.D
Acq: 08 May 2020 12:24

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.9	0.0	21.0





#43

Isopropyl Acetate

Concen: 19.910 ug/l

RT: 8.28 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VY002635.D

Acq: 08 May 2020 12:24

Instrument :

MSVOA_Y

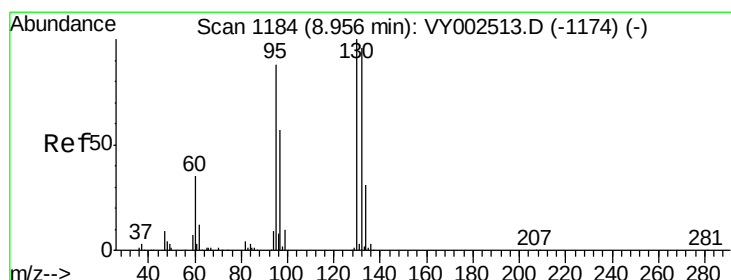
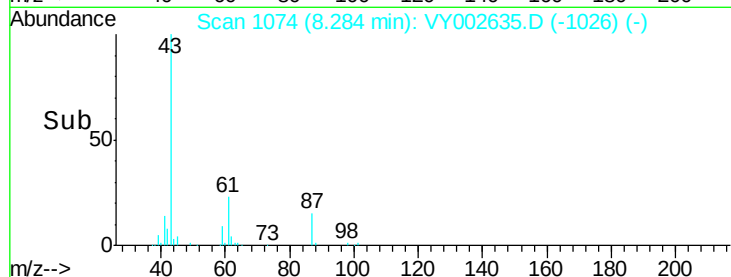
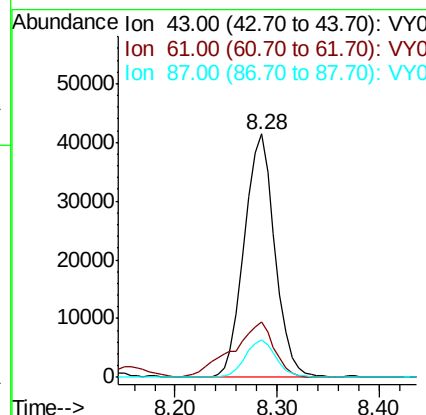
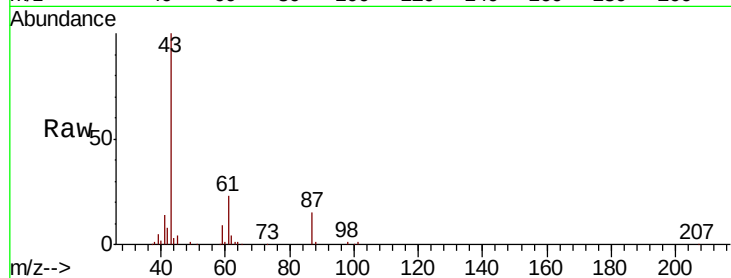
ClientSampleId :

VY0508SBS01

Tot Ion:	43	Resp:	86501
Ion	Ratio	Lower	Upper
43	100		
61	30.9	24.8	37.2
87	15.2	12.2	18.2

Manual Integrations
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MMDadoda
5/11/2020 1:00:50 PM



#44

Trichloroethene

Concen: 21.067 ug/l

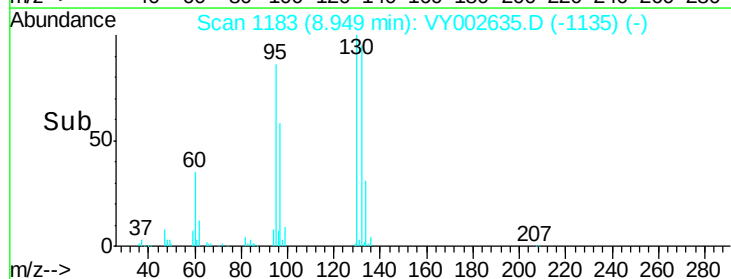
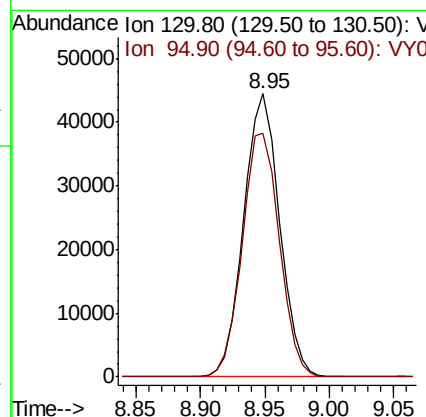
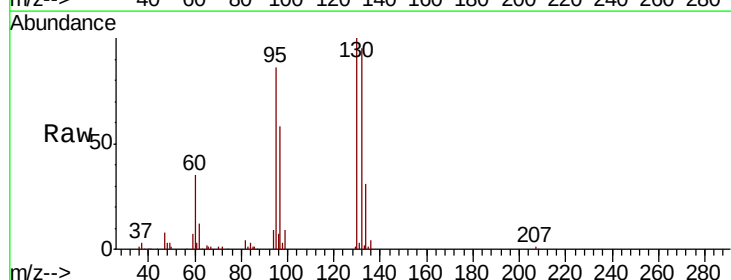
RT: 8.95 min Scan# 1183

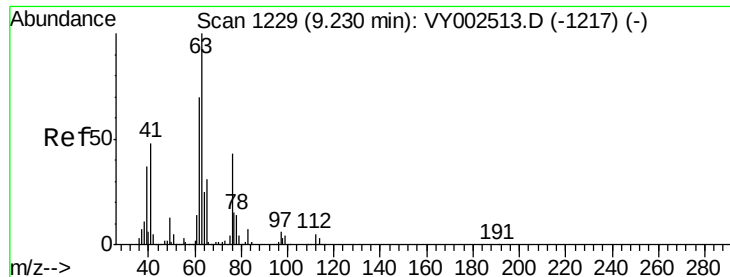
Delta R.T. -0.01 min

Lab File: VY002635.D

Acq: 08 May 2020 12:24

Tgt Ion:	130	Resp:	85758
Ion	Ratio	Lower	Upper
130	100		
95	86.2	0.0	175.8





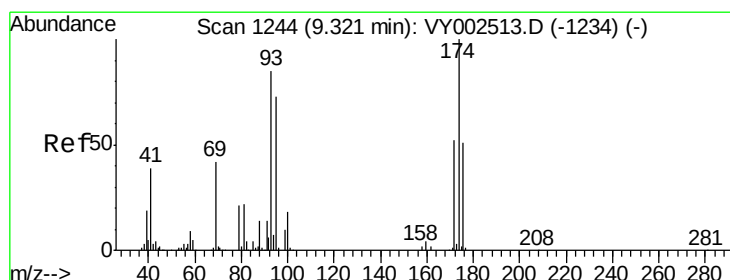
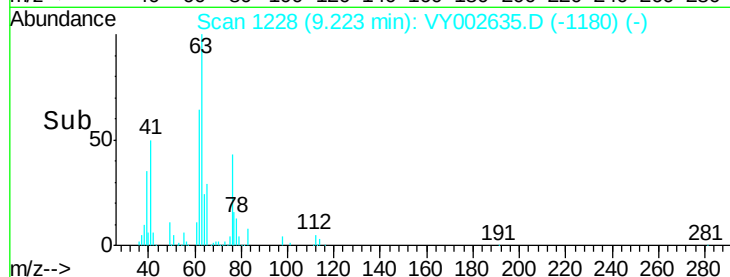
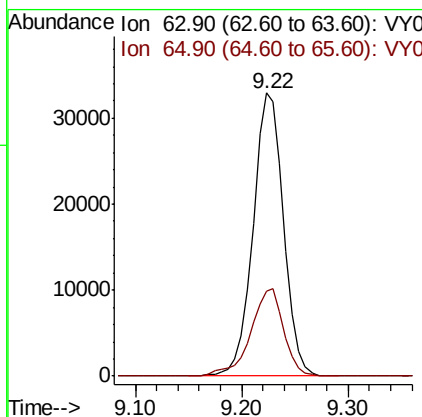
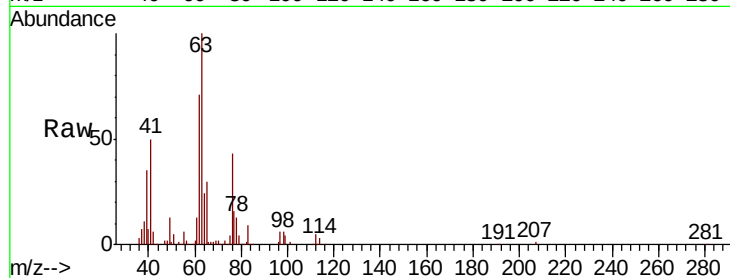
#45
 1,2-Dichloropropane
 Concen: 20.950 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: VY002635.D
 Acq: 08 May 2020 12:24

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0508SBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.0	24.5	36.7

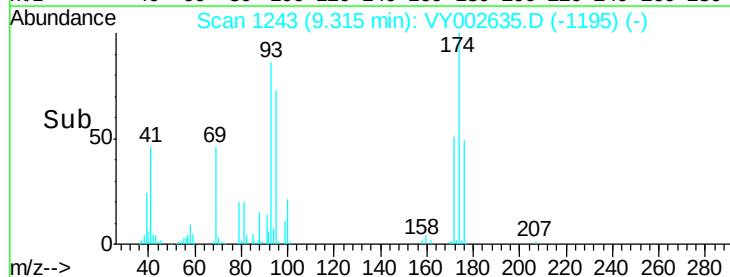
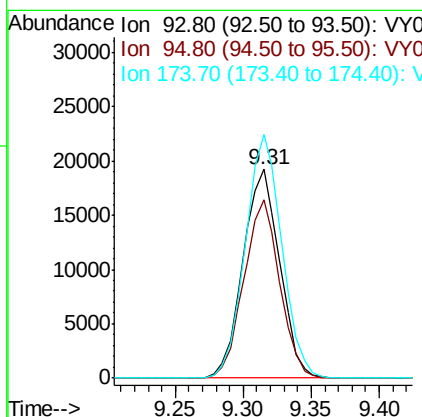
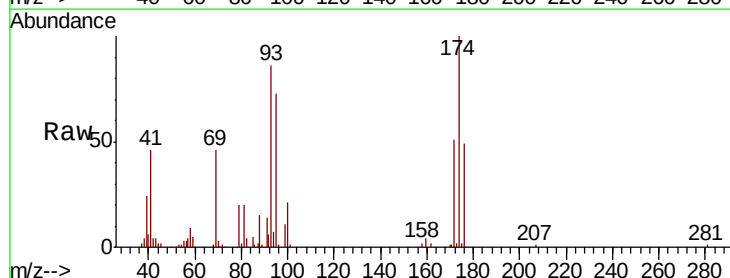
Manual Integrations
 APPROVED

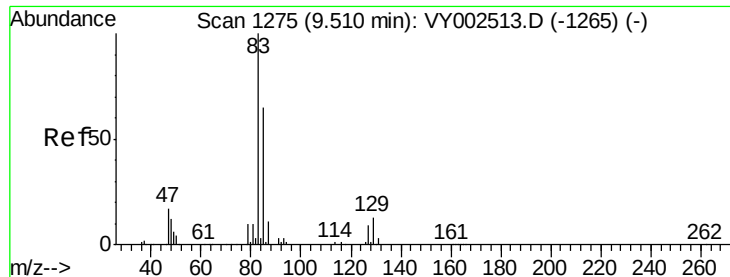
MMDadoda
 5/11/2020 1:00:50 PM



#46
 Dibromomethane
 Concen: 20.038 ug/l
 RT: 9.31 min Scan# 1243
 Delta R.T. -0.01 min
 Lab File: VY002635.D
 Acq: 08 May 2020 12:24

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.7	67.0	100.4
174	116.3	92.7	139.1





#47

Bromodichloromethane

Concen: 20.386 ug/l

RT: 9.50 min Scan# 1274

Delta R.T. -0.01 min

Lab File: VY002635.D

Acq: 08 May 2020 12:24

Instrument :

MSVOA_Y

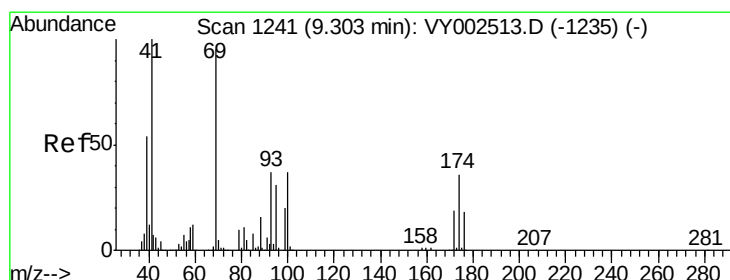
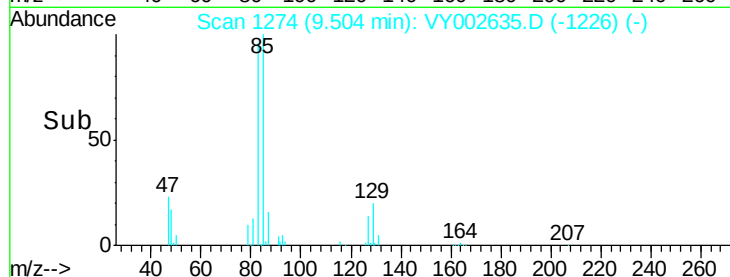
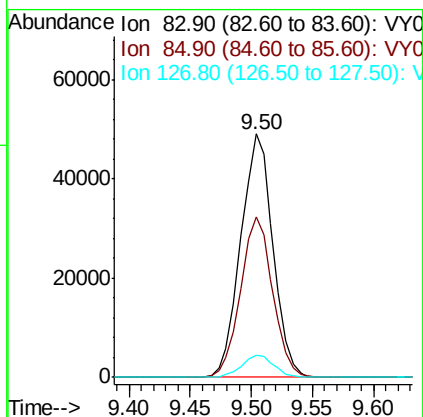
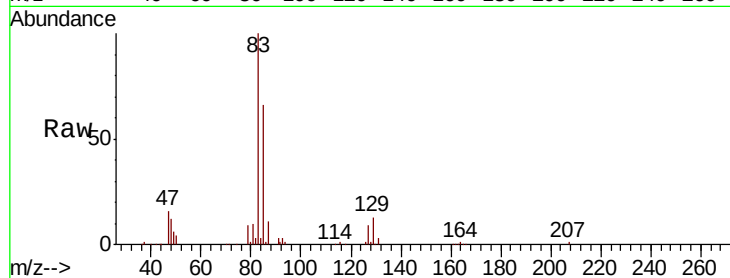
ClientSampleId :

VY0508SBS01

Tot Ion:	83	Resp:	89655
Ion Ratio	Lower	Upper	
83	100		
85	66.0	51.8	77.8
127	9.3	7.4	11.0

Manual Integrations
APPROVED

MMDadoda
5/11/2020 1:00:50 PM



#48

Methyl methacrylate

Concen: 19.122 ug/l

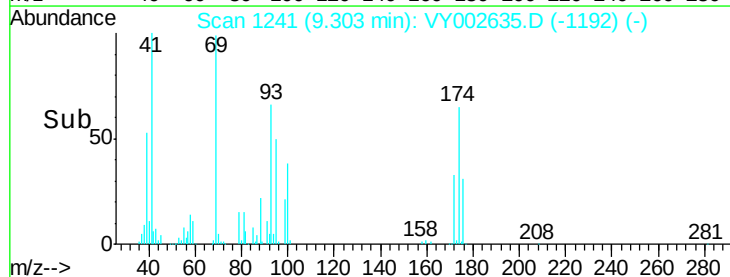
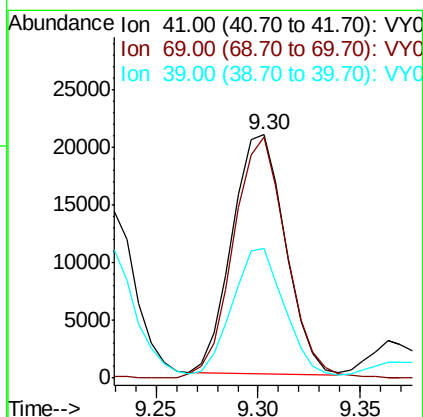
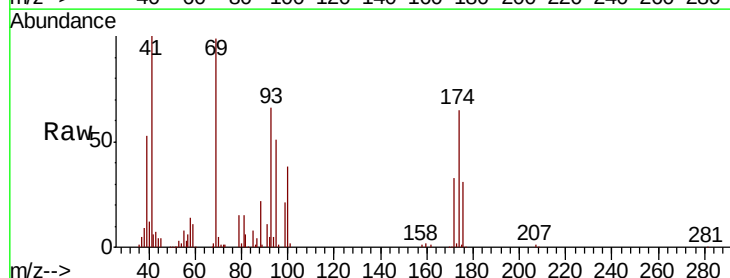
RT: 9.30 min Scan# 1241

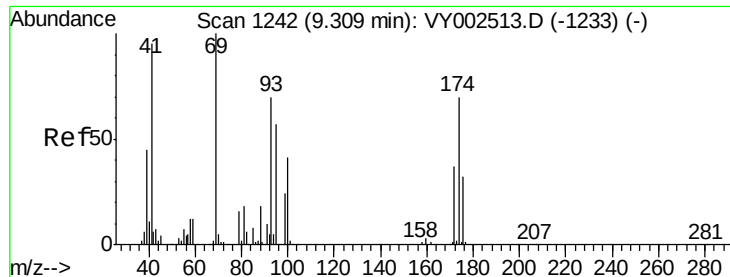
Delta R.T. -0.00 min

Lab File: VY002635.D

Acq: 08 May 2020 12:24

Tgt Ion:	41	Resp:	37599
Ion Ratio	Lower	Upper	
41	100		
69	100.4	76.2	114.4
39	54.4	42.7	64.1





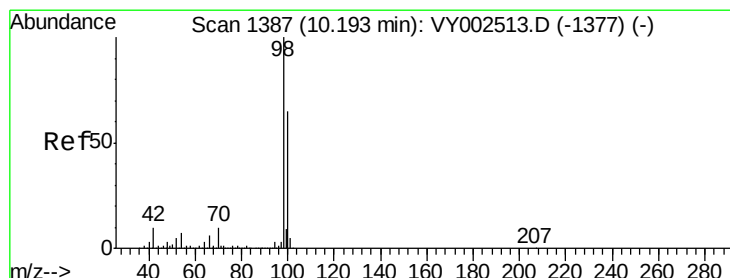
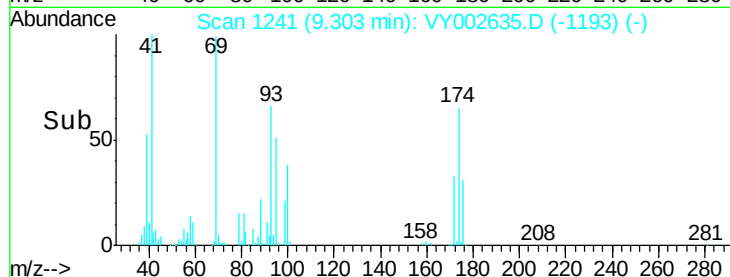
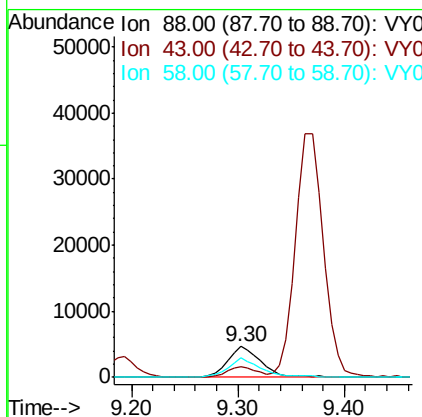
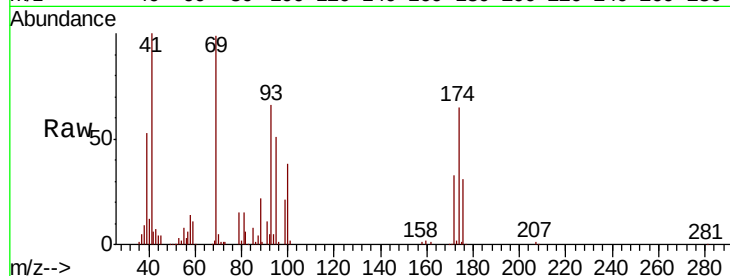
#49
1,4-Dioxane
Concen: 426.048 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. -0.01 min
Lab File: VY002635.D
Acq: 08 May 2020 12:24

Instrument :
MSVOA_Y
ClientSampleId :
VY0508SBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	30.5	22.8	34.2
58	62.1	51.4	77.2

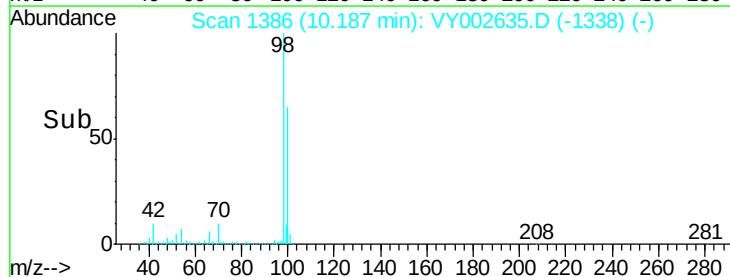
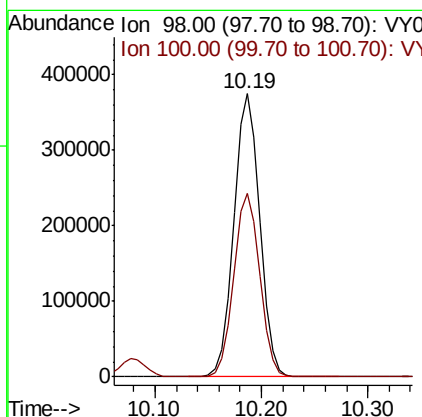
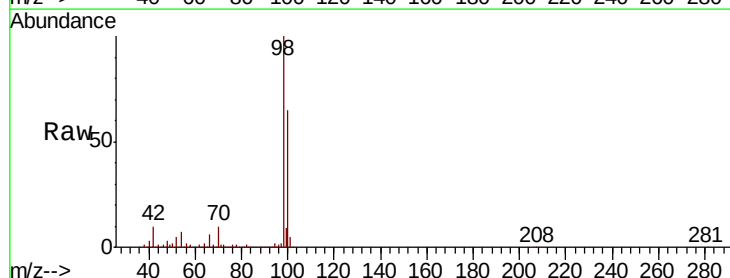
Manual Integrations
APPROVED

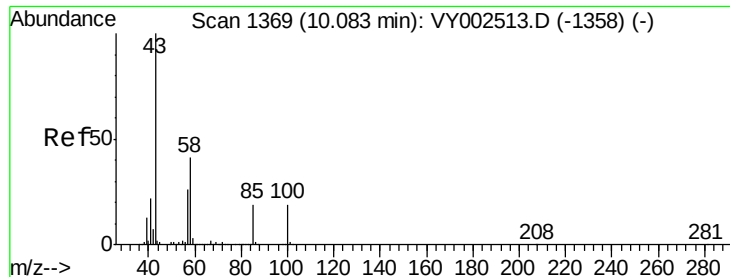
MMDadoda
5/11/2020 1:00:50 PM



#50
Toluene-d8
Concen: 53.057 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. -0.01 min
Lab File: VY002635.D
Acq: 08 May 2020 12:24

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.4	52.2	78.2





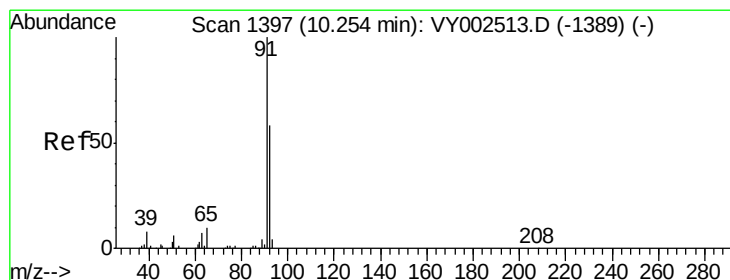
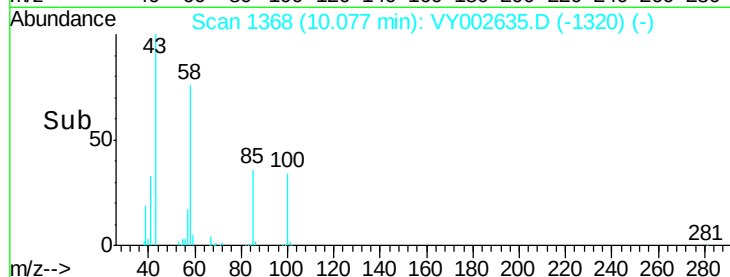
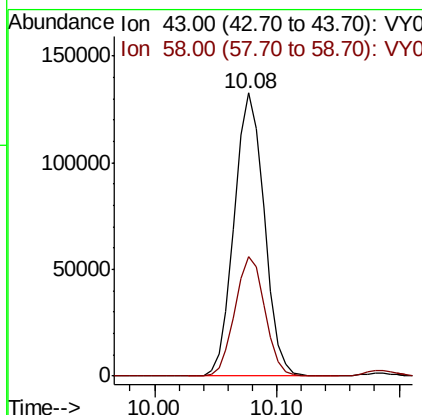
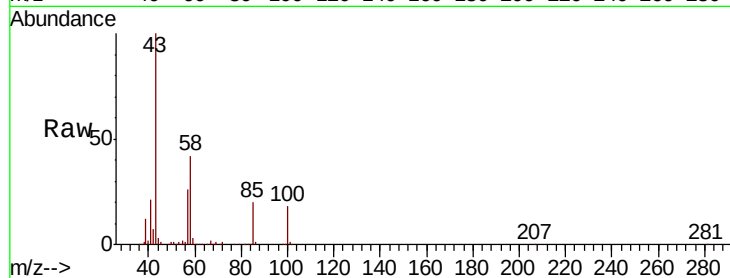
#51
4-Methyl-2-Pentanone
Concen: 100.575 ug/l
RT: 10.08 min Scan# 1368
Delta R.T. -0.01 min
Lab File: VY002635.D
Acq: 08 May 2020 12:24

Instrument :
MSVOA_Y
ClientSampleId :
VY0508SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	42.2	33.2	49.8

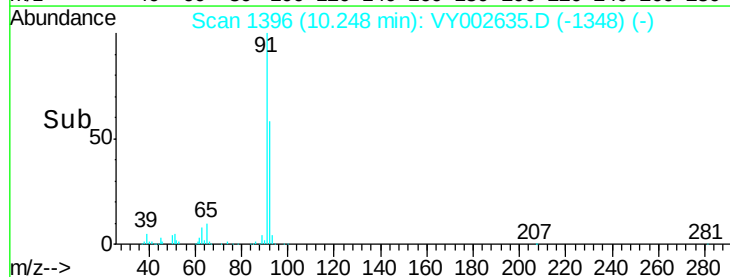
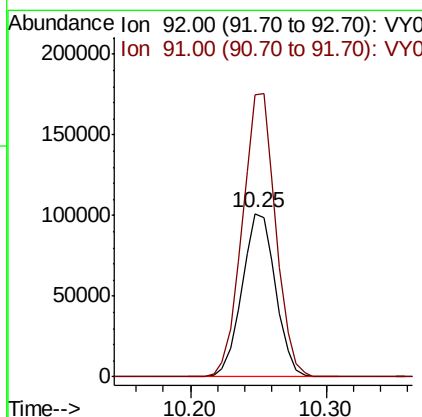
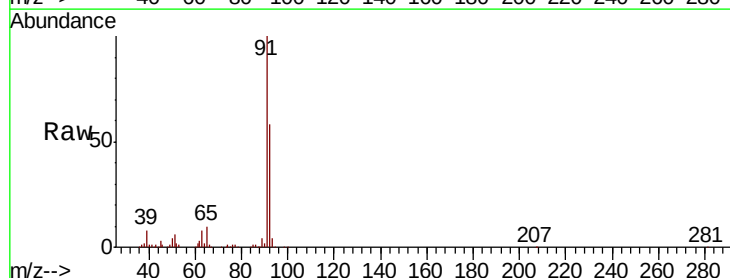
Manual Integrations
APPROVED

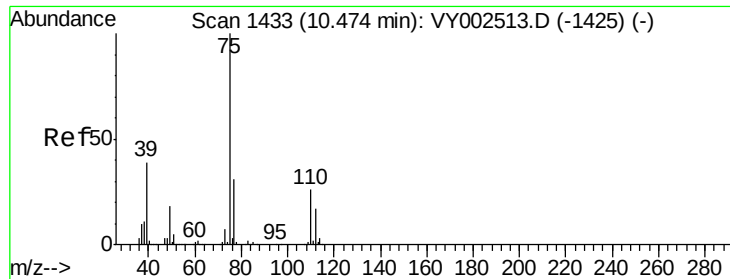
MMDadoda
5/11/2020 1:00:50 PM



#52
Toluene
Concen: 20.848 ug/l
RT: 10.25 min Scan# 1396
Delta R.T. -0.01 min
Lab File: VY002635.D
Acq: 08 May 2020 12:24

Tgt Ion	Ratio	Lower	Upper
92	100		
91	172.1	139.3	208.9





#53

t-1,3-Dichloropropene

Concen: 20.260 ug/l

RT: 10.47 min Scan# 1433

Delta R.T. -0.00 min

Lab File: VY002635.D

Acq: 08 May 2020 12:24

Instrument :

MSVOA_Y

ClientSampleId :

VY0508SBS01

Tot Ion: 75 Resp: 93356

Ion Ratio Lower Upper

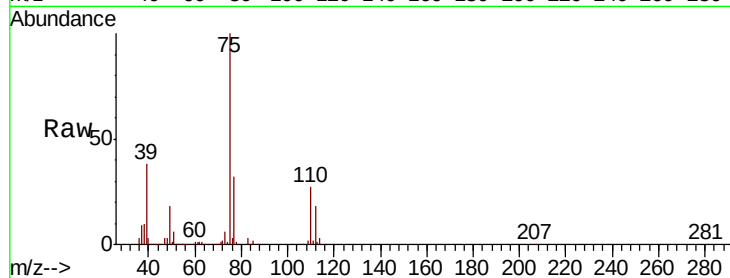
75 100

77 32.3 25.0 37.6

Manual Integrations
APPROVED

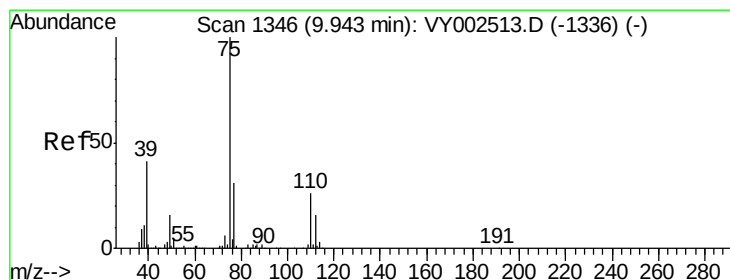
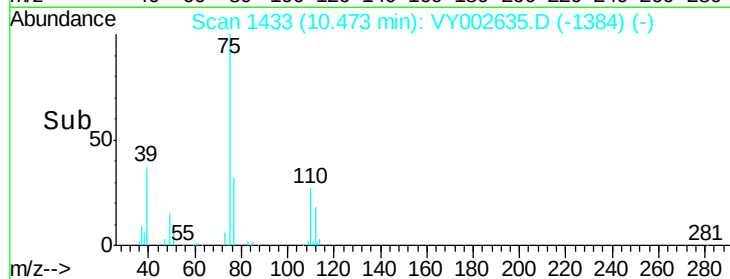
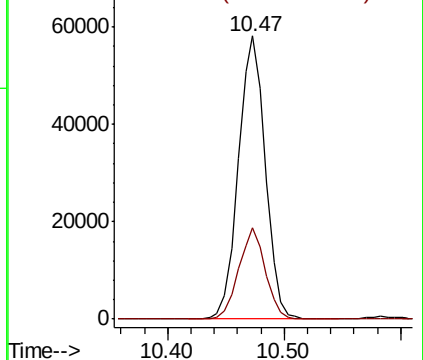
MMDadoda

5/11/2020 1:00:50 PM



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0



#54

cis-1,3-Dichloropropene

Concen: 20.405 ug/l

RT: 9.94 min Scan# 1345

Delta R.T. -0.01 min

Lab File: VY002635.D

Acq: 08 May 2020 12:24

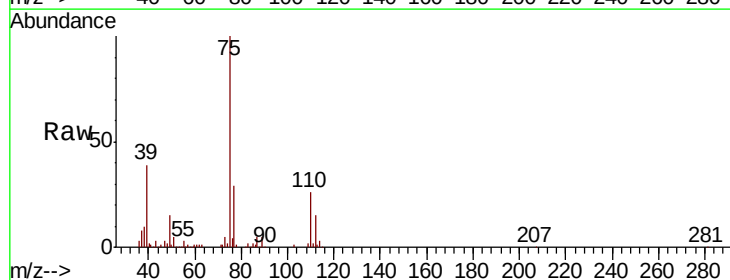
Tgt Ion: 75 Resp: 108696

Ion Ratio Lower Upper

75 100

77 29.2 25.1 37.7

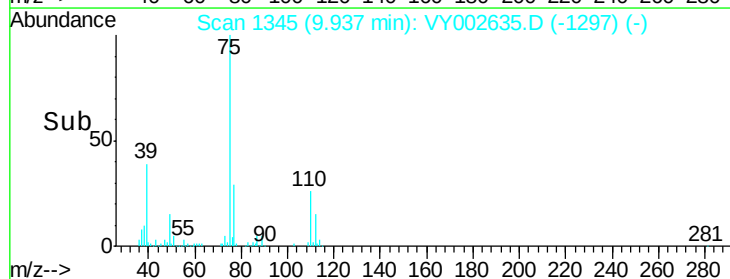
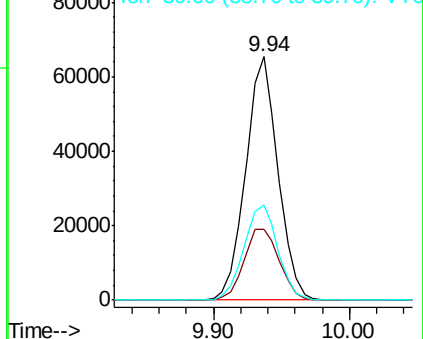
39 39.0 32.7 49.1

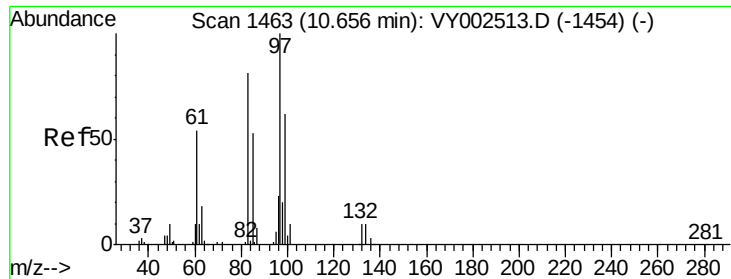


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0





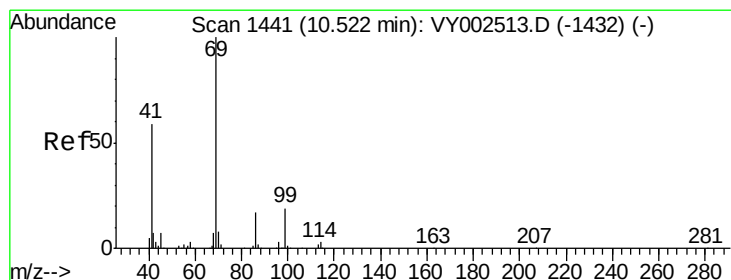
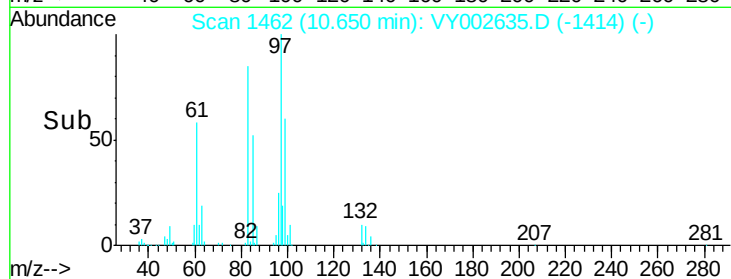
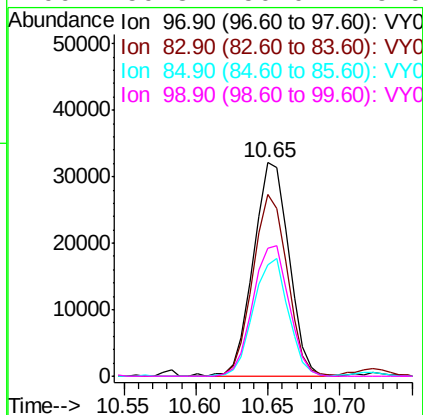
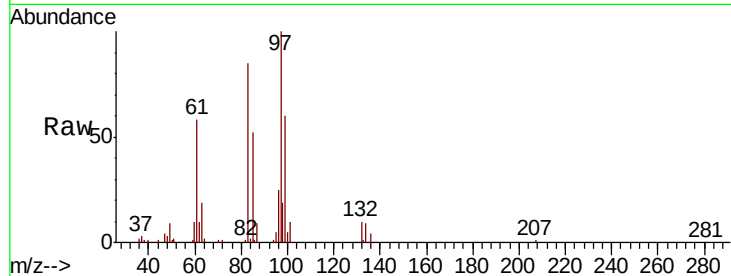
#55
 1,1,2-Trichloroethane
 Concen: 20.850 ug/l
 RT: 10.65 min Scan# 1462
 Delta R.T. -0.01 min
 Lab File: VY002635.D
 Acq: 08 May 2020 12:24

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0508SBS01

Tot Ion:	97	Resp:	54994
Ion	Ratio	Lower	Upper
97	100		
83	84.9	65.1	97.7
85	51.7	42.7	64.1
99	59.8	50.0	75.0

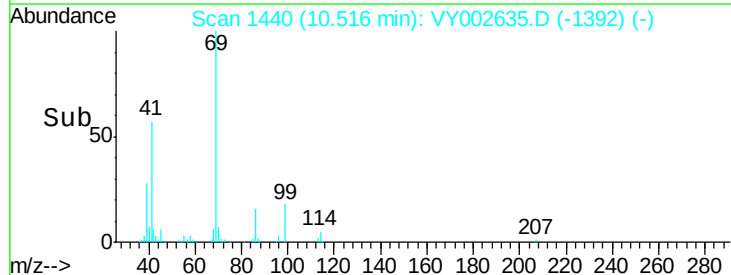
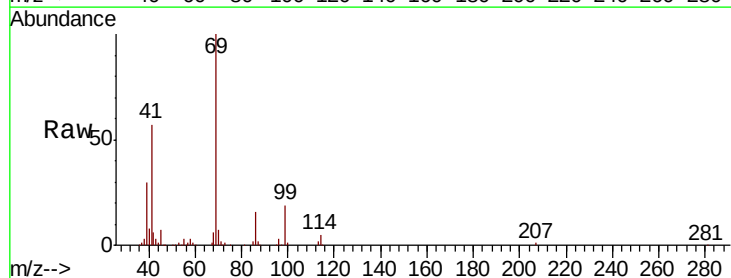
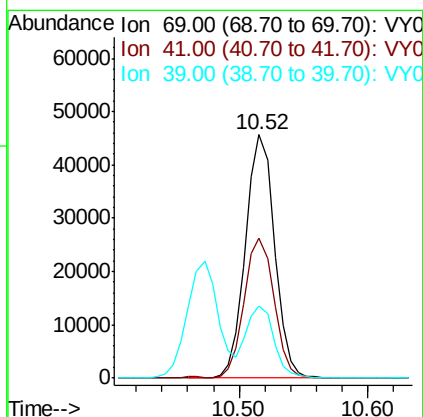
Manual Integrations
 APPROVED

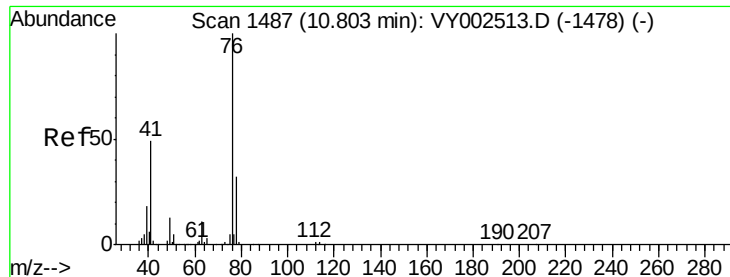
MMDadoda
 5/11/2020 1:00:50 PM



#56
 Ethyl methacrylate
 Concen: 20.303 ug/l
 RT: 10.52 min Scan# 1440
 Delta R.T. -0.01 min
 Lab File: VY002635.D
 Acq: 08 May 2020 12:24

Tgt Ion:	69	Resp:	71240
Ion	Ratio	Lower	Upper
69	100		
41	58.5	48.6	73.0
39	27.5	25.0	37.4





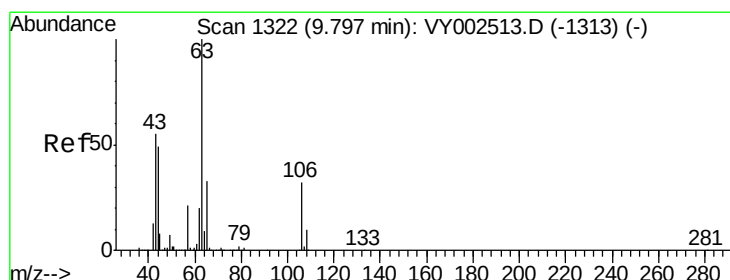
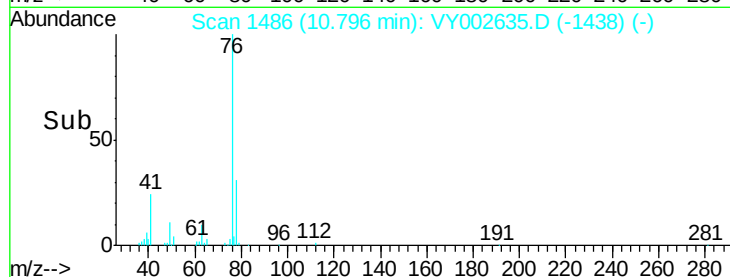
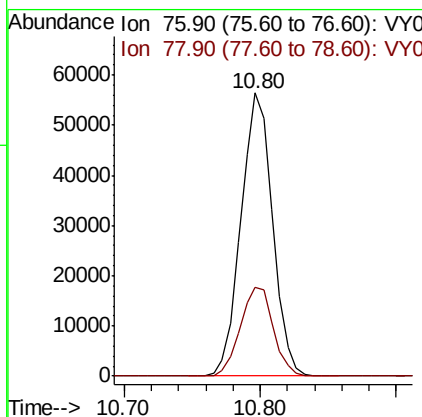
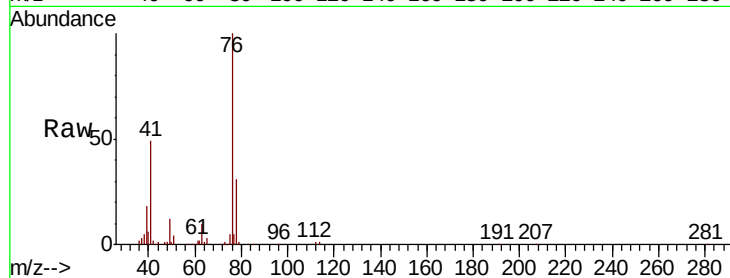
#57
 1,3-Dichloropropane
 Concen: 20.466 ug/l
 RT: 10.80 min Scan# 1486
 Delta R.T. -0.01 min
 Lab File: VY002635.D
 Acq: 08 May 2020 12:24

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0508SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.6	25.4	38.2

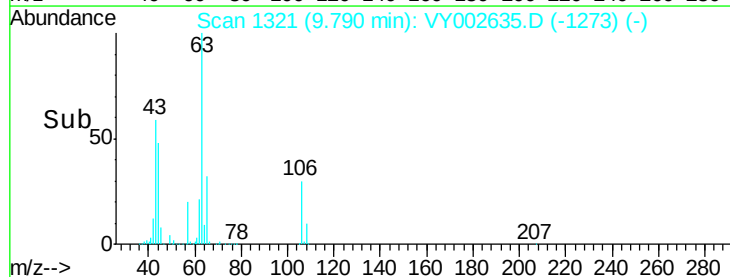
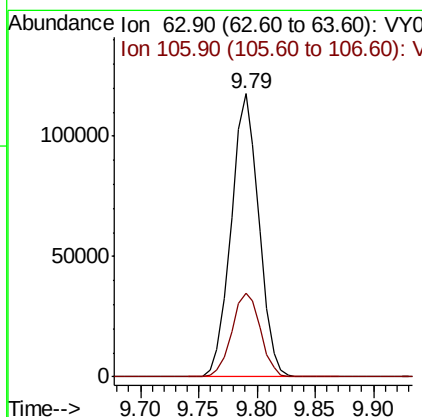
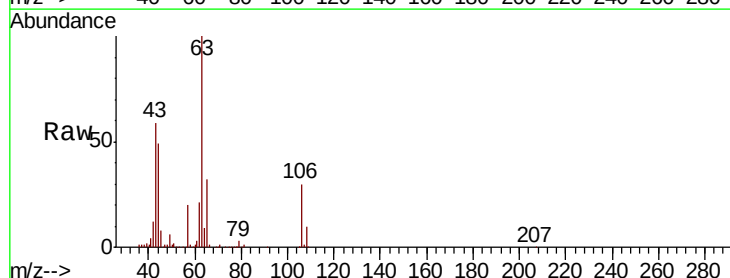
Manual Integrations
 APPROVED

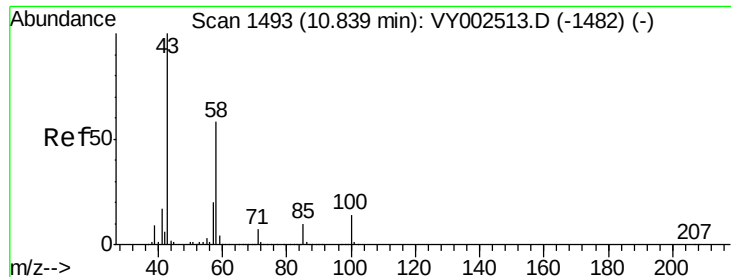
MMDadoda
 5/11/2020 1:00:50 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 105.367 ug/l
 RT: 9.79 min Scan# 1321
 Delta R.T. -0.01 min
 Lab File: VY002635.D
 Acq: 08 May 2020 12:24

Tgt Ion	Ratio	Lower	Upper
63	100		
106	30.5	25.2	37.8





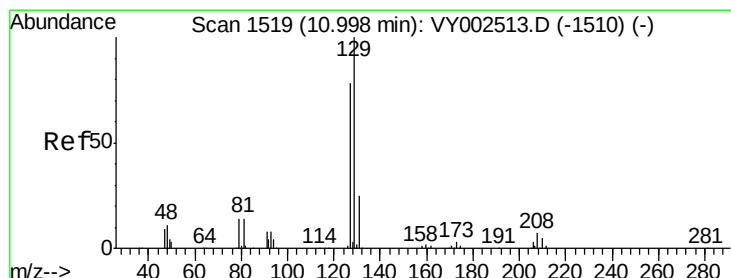
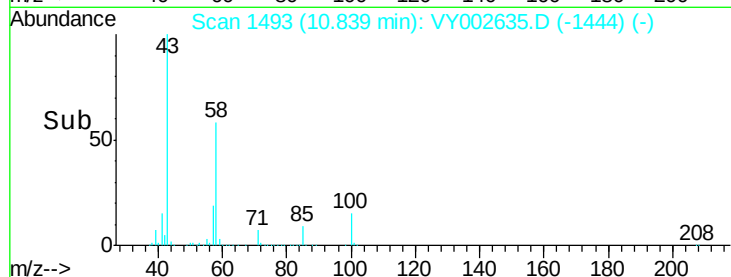
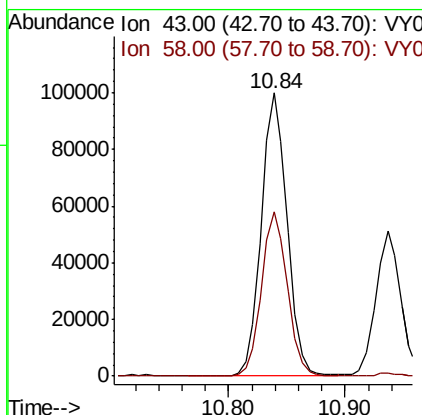
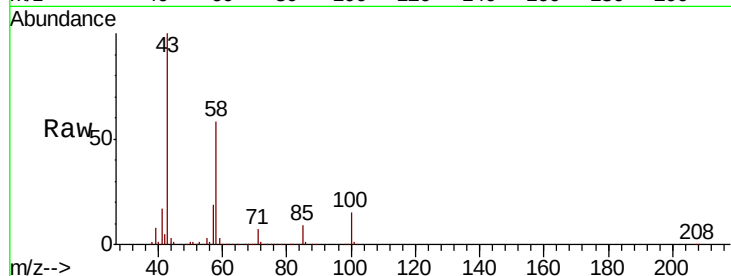
#59
2-Hexanone
Concen: 100.279 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. -0.00 min
Lab File: VY002635.D
Acq: 08 May 2020 12:24

Instrument :
MSVOA_Y
ClientSampleId :
VY0508SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	58.1	29.1	87.3

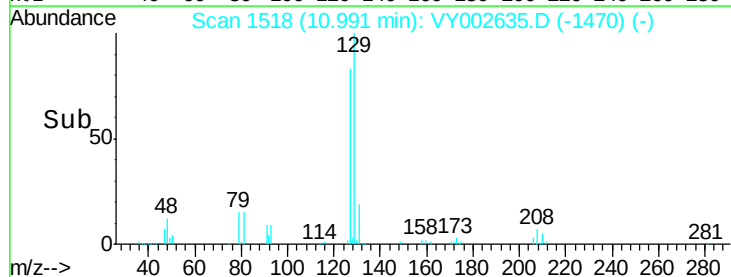
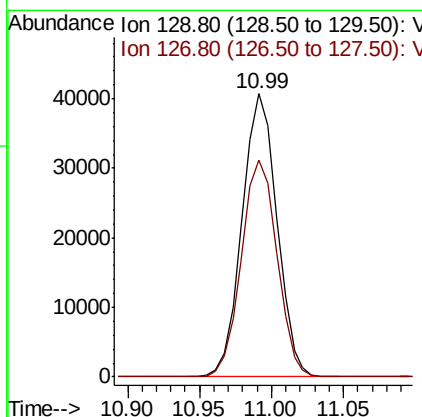
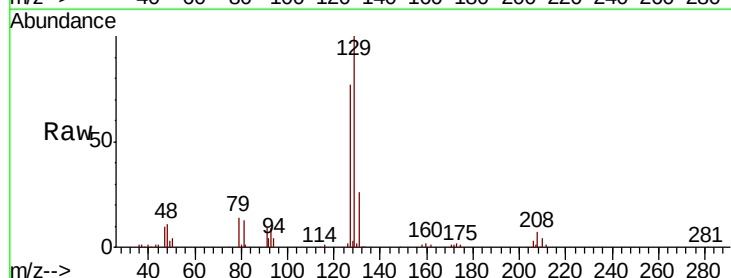
Manual Integrations
APPROVED

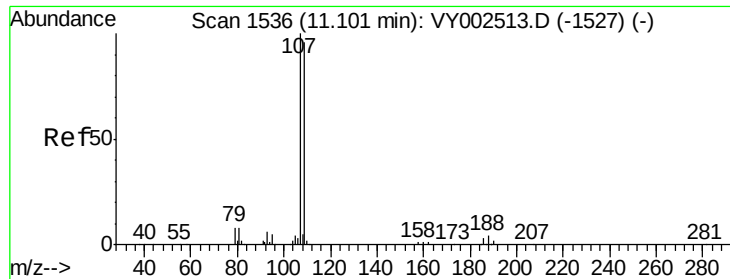
MMDadoda
5/11/2020 1:00:50 PM



#60
Dibromochloromethane
Concen: 20.346 ug/l
RT: 10.99 min Scan# 1518
Delta R.T. -0.01 min
Lab File: VY002635.D
Acq: 08 May 2020 12:24

Tgt Ion	Ratio	Lower	Upper
129	100		
127	78.4	39.0	117.0





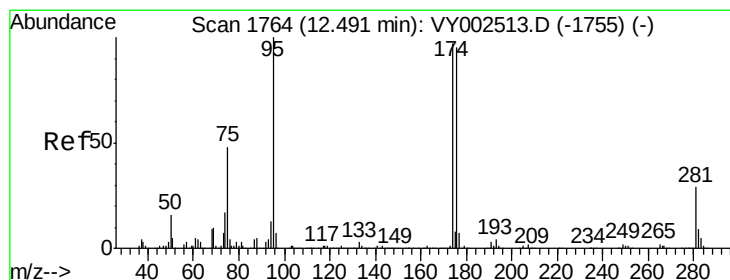
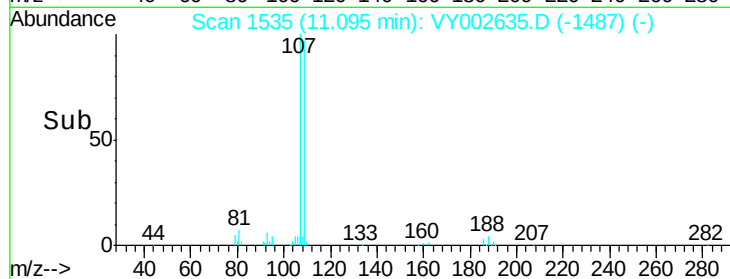
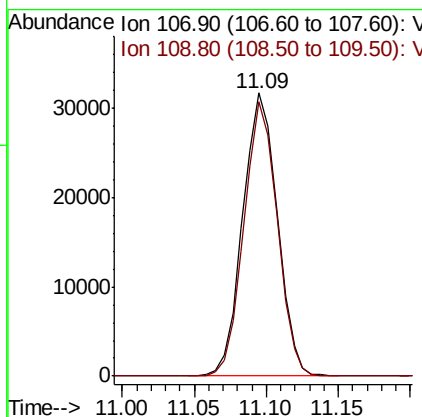
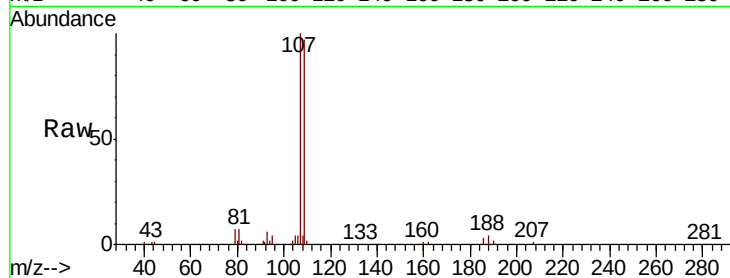
#61
 1,2-Dibromoethane
 Concen: 20.165 ug/l
 RT: 11.09 min Scan# 1535
 Delta R.T. -0.01 min
 Lab File: VY002635.D
 Acq: 08 May 2020 12:24

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0508SBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.5	75.8	113.8

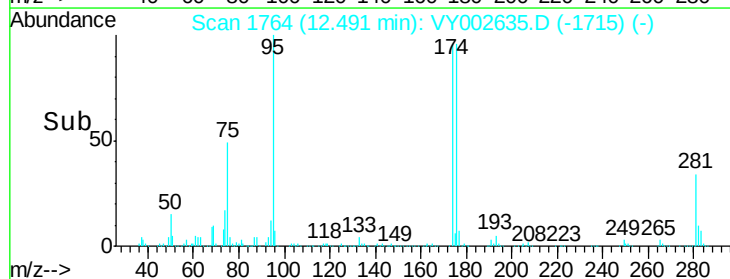
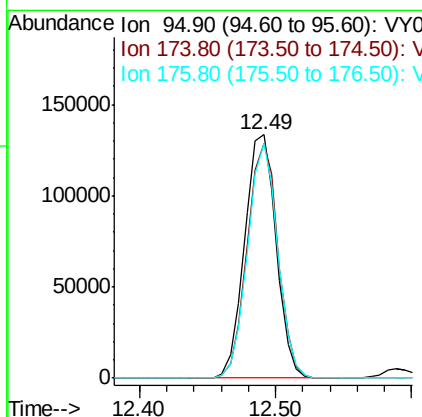
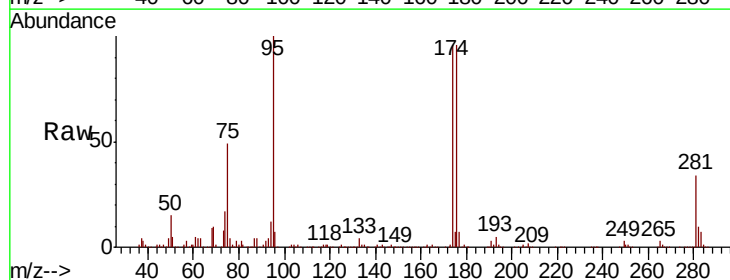
Manual Integrations
 APPROVED

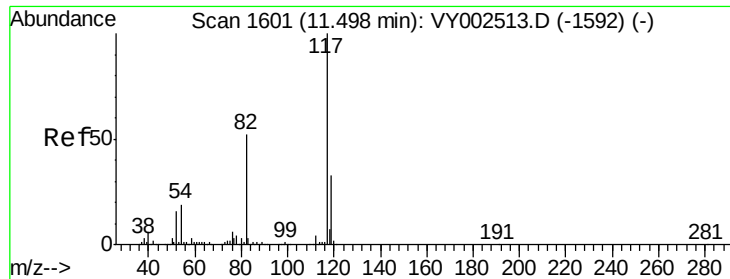
MMDadoda
 5/11/2020 1:00:50 PM



#62
 4-Bromofluorobenzene
 Concen: 53.293 ug/l
 RT: 12.49 min Scan# 1764
 Delta R.T. -0.00 min
 Lab File: VY002635.D
 Acq: 08 May 2020 12:24

Tgt Ion	Ratio	Lower	Upper
95	100		
174	94.2	0.0	188.8
176	92.0	0.0	183.2





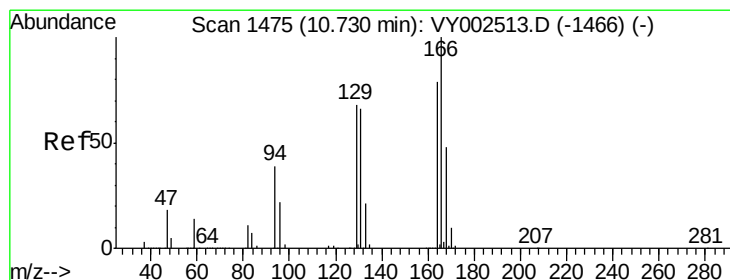
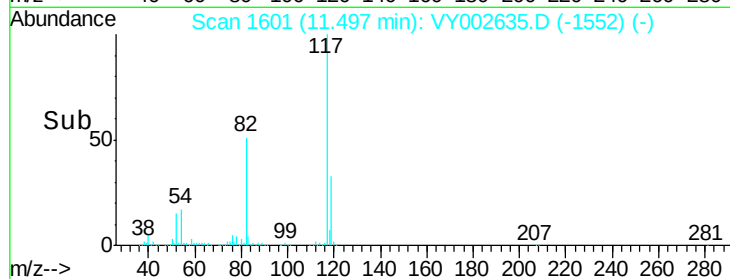
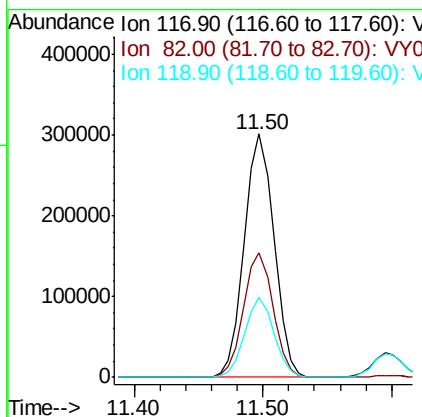
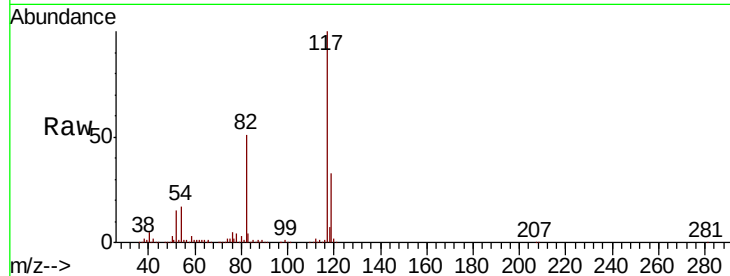
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VY002635.D
Acq: 08 May 2020 12:24

Instrument :
MSVOA_Y
ClientSampleId :
VY0508SBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	481163		
82	51.4	41.3	61.9	
119	32.6	26.0	39.0	

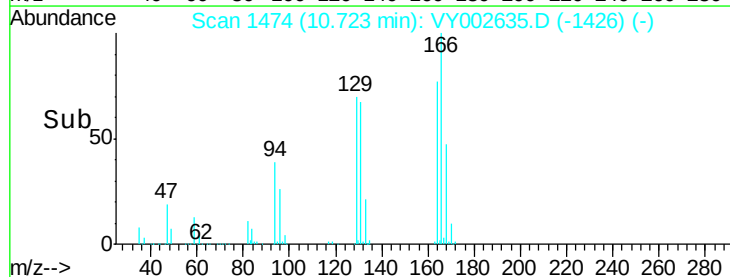
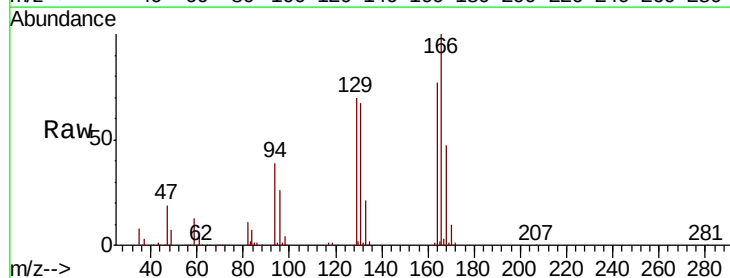
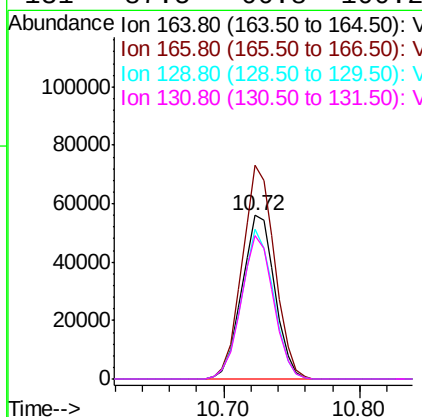
Manual Integrations
APPROVED

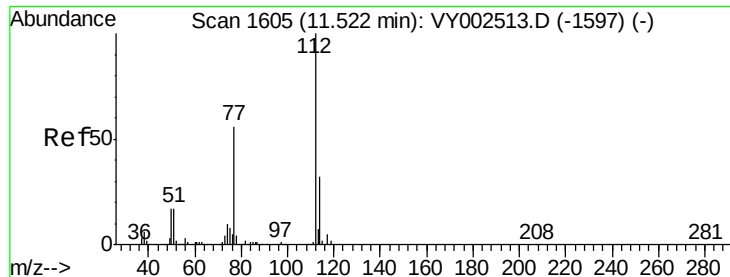
MMDadoda
5/11/2020 1:00:50 PM



#64
Tetrachloroethene
Concen: 22.247 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. -0.01 min
Lab File: VY002635.D
Acq: 08 May 2020 12:24

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	95109		
166	130.5	100.7	151.1	
129	91.3	68.3	102.5	
131	87.5	66.8	100.2	





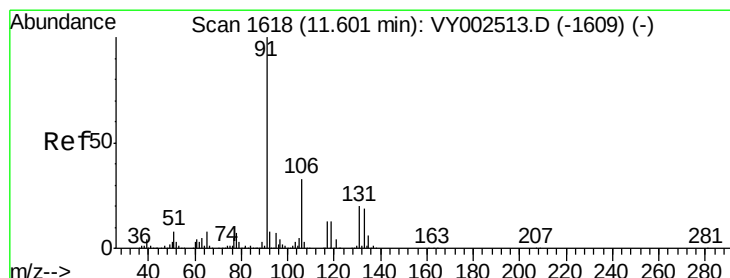
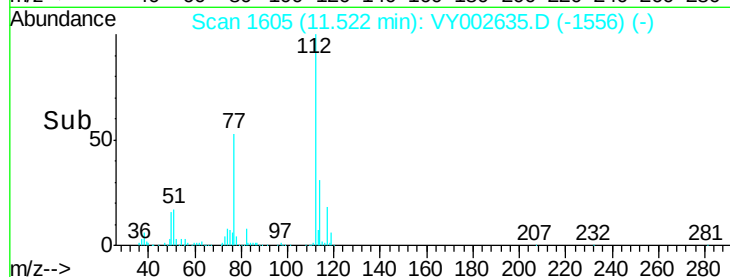
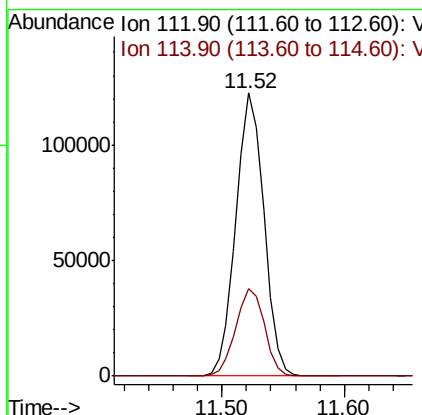
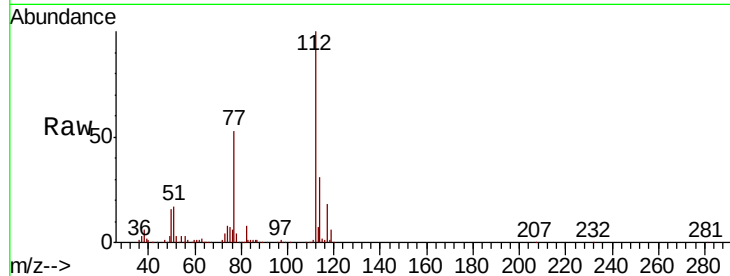
#65
Chlorobenzene
Concen: 21.275 ug/l
RT: 11.52 min Scan# 1605
Delta R.T. -0.00 min
Lab File: VY002635.D
Acq: 08 May 2020 12:24

Instrument :
MSVOA_Y
ClientSampleId :
VY0508SBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	30.8	25.8	38.6

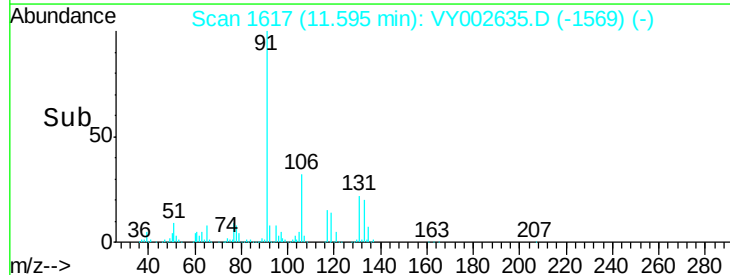
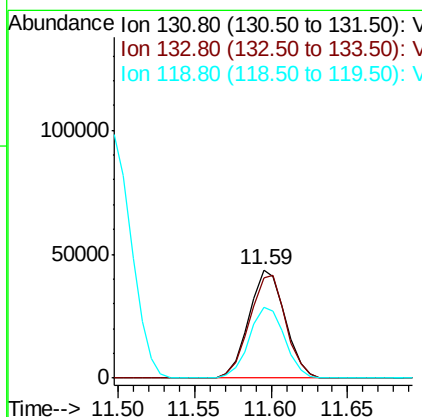
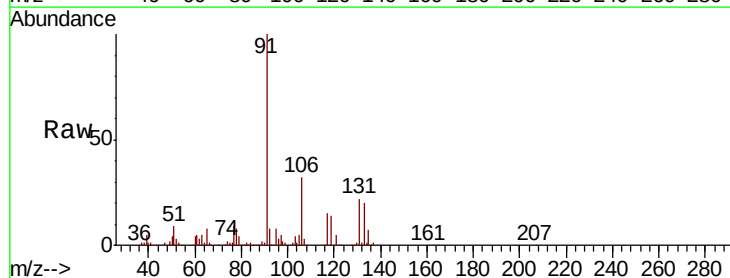
Manual Integrations
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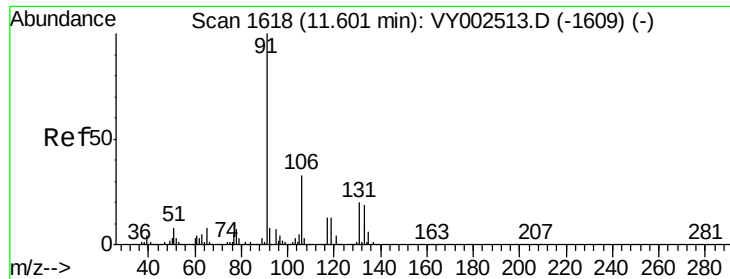
MMDadoda
5/11/2020 1:00:50 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 21.145 ug/l
RT: 11.59 min Scan# 1617
Delta R.T. -0.01 min
Lab File: VY002635.D
Acq: 08 May 2020 12:24

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.5	48.1	144.4
119	64.9	31.6	95.0





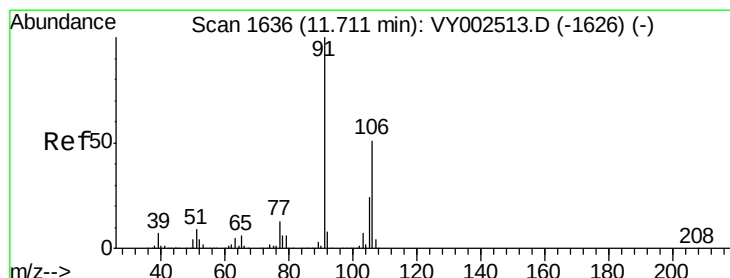
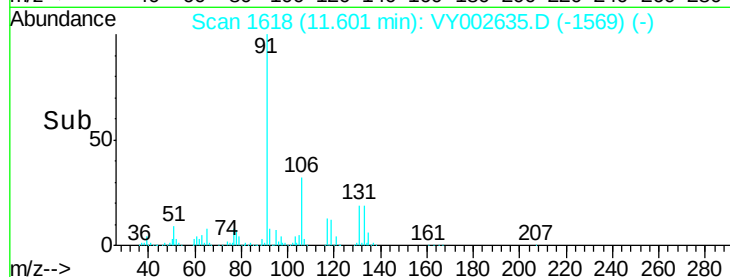
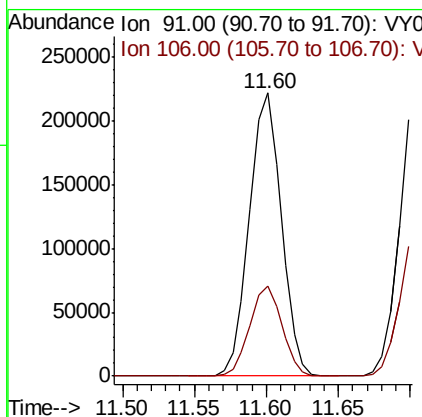
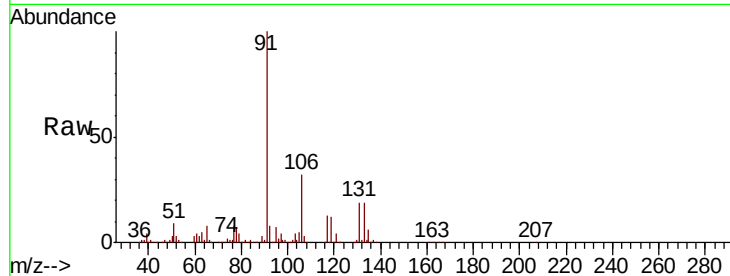
#67
Ethyl Benzene
Concen: 21.208 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VY002635.D
Acq: 08 May 2020 12:24

Instrument :
MSVOA_Y
ClientSampleId :
VY0508SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
106	32.0	26.1	39.1

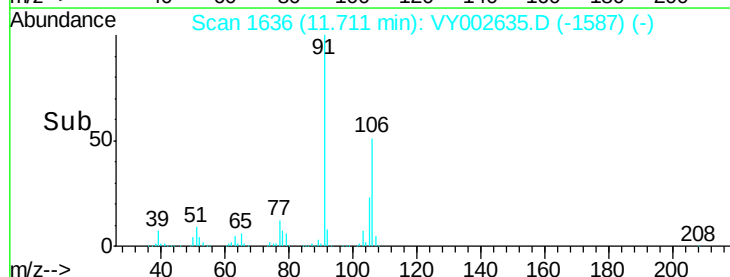
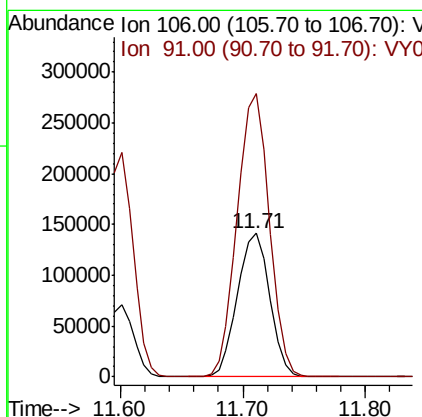
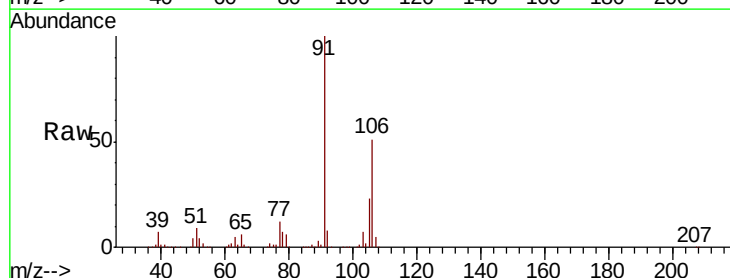
Manual Integrations
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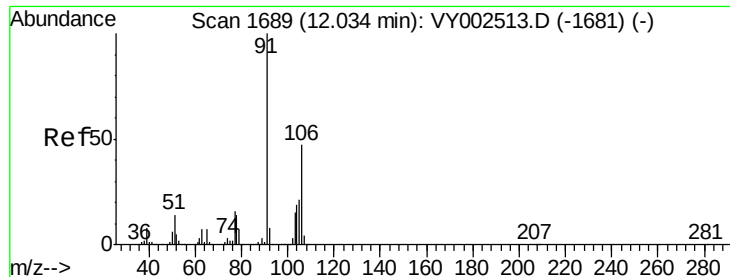
MMDadoda
5/11/2020 1:00:50 PM



#68
m/p-Xylenes
Concen: 41.844 ug/l
RT: 11.71 min Scan# 1636
Delta R.T. -0.00 min
Lab File: VY002635.D
Acq: 08 May 2020 12:24

Tgt Ion	Ratio	Lower	Upper
106	100		
91	195.6	155.2	232.8





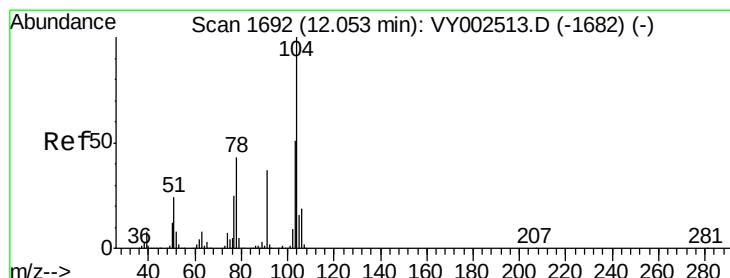
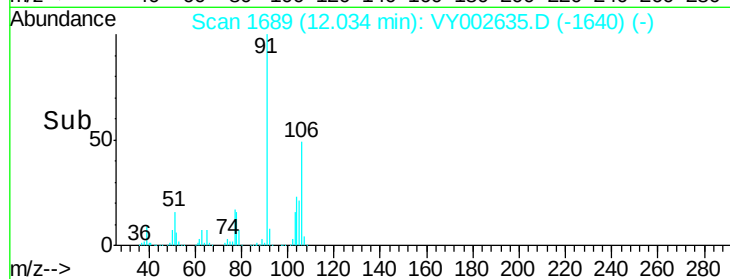
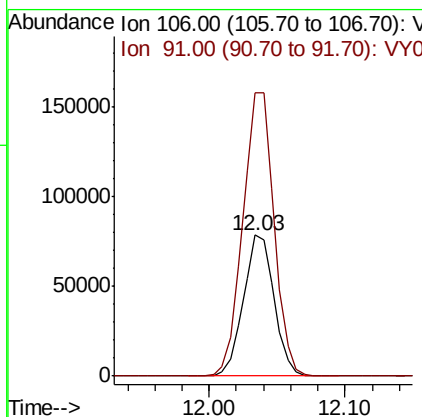
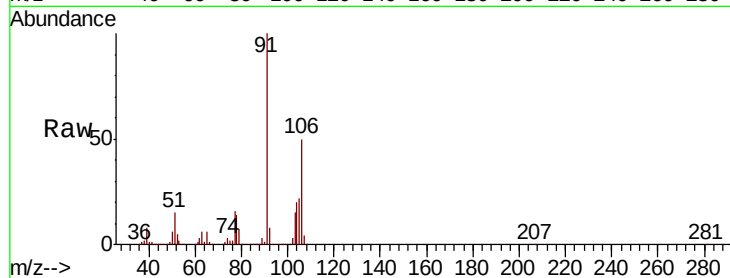
#69
o-Xylene
Concen: 21.287 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. -0.00 min
Lab File: VY002635.D
Acq: 08 May 2020 12:24

Instrument :
MSVOA_Y
ClientSampleId :
VY0508SBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	106	100	123906		
91	91	204.8	103.8	311.3	

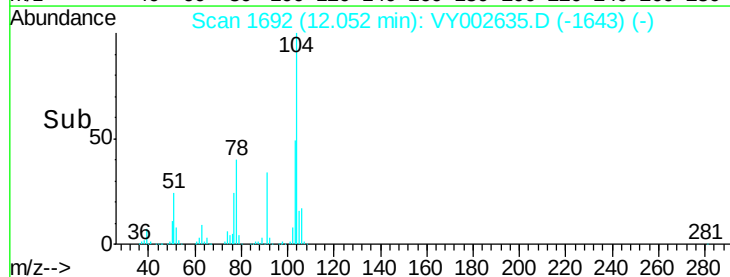
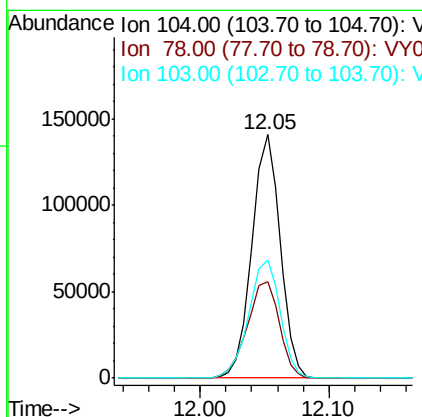
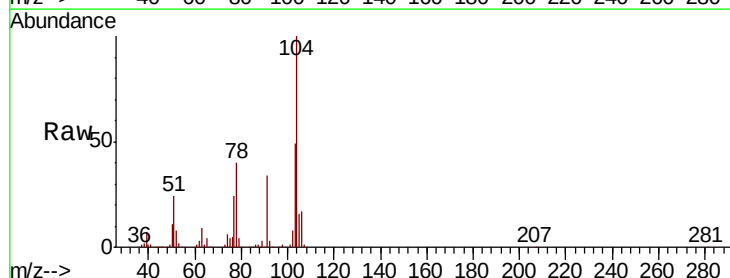
Manual Integrations
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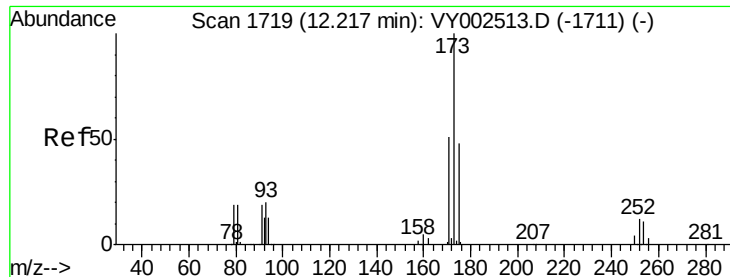
MMDadoda
5/11/2020 1:00:50 PM



#70
Styrene
Concen: 21.426 ug/l
RT: 12.05 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VY002635.D
Acq: 08 May 2020 12:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	104	100	213207		
78	78	45.2	37.4	56.0	
103	103	54.0	43.9	65.9	





#71

Bromoform

Concen: 20.841 ug/l

RT: 12.22 min Scan# 1719

Delta R.T. -0.00 min

Lab File: VY002635.D

Acq: 08 May 2020 12:24

Instrument :

MSVOA_Y

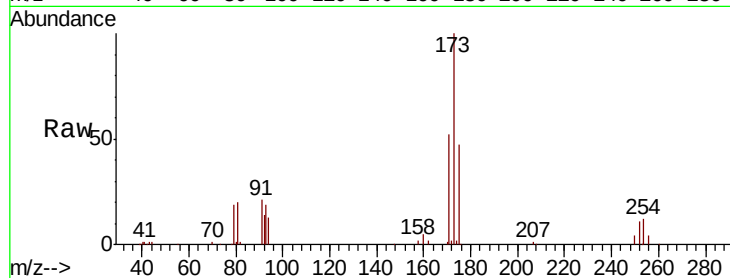
ClientSampleId :

VY0508SBS01

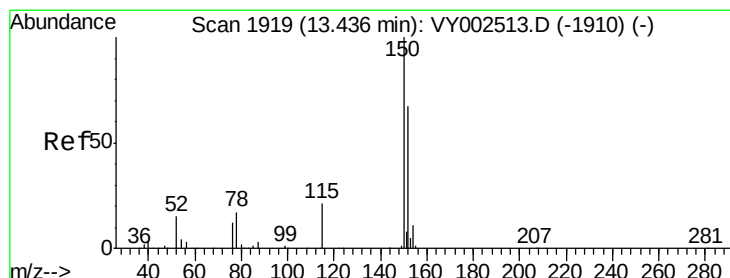
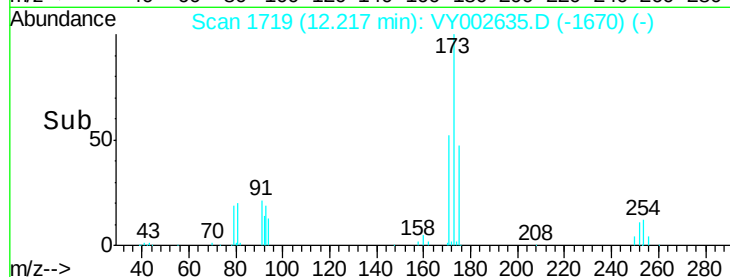
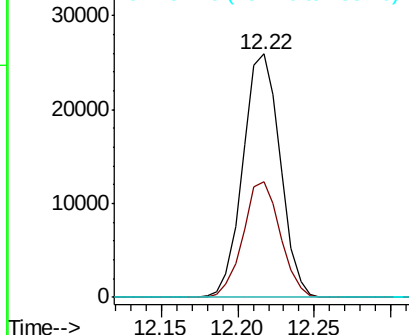
Tot Ion	Ratio	Lower	Upper
173	100		
175	47.2	24.3	72.8
254	0.0	0.2	0.2

Manual Integrations
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5/11/2020 1:00:50 PM



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

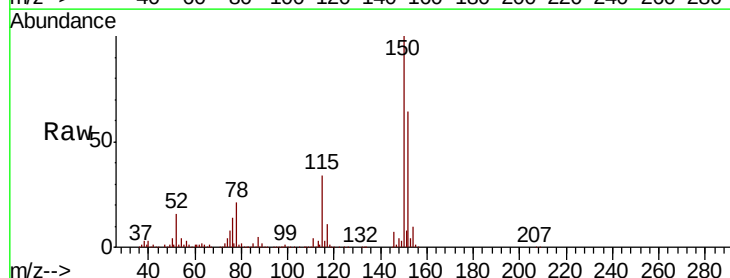
RT: 13.44 min Scan# 1919

Delta R.T. -0.00 min

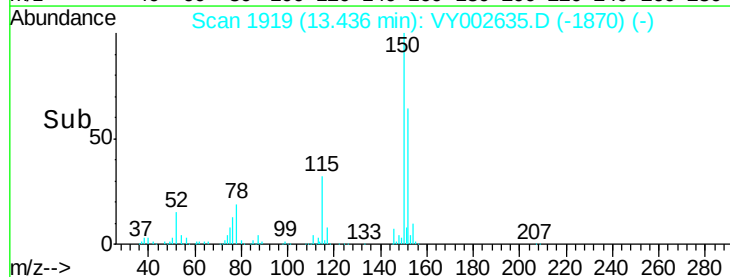
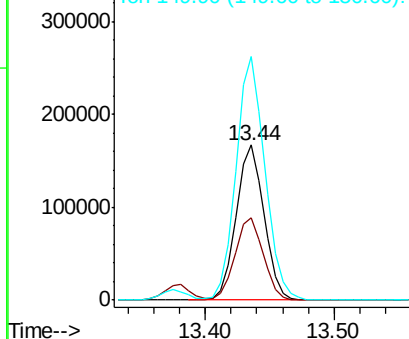
Lab File: VY002635.D

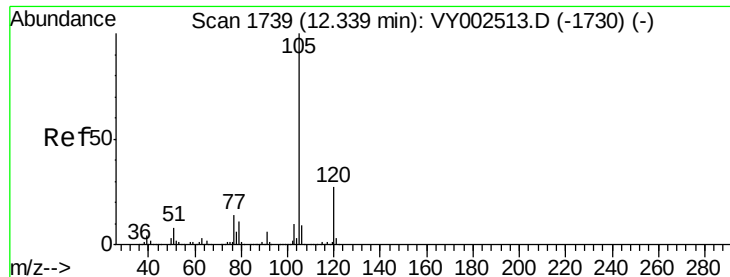
Acq: 08 May 2020 12:24

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.0	27.5	82.4
150	163.0	0.0	346.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





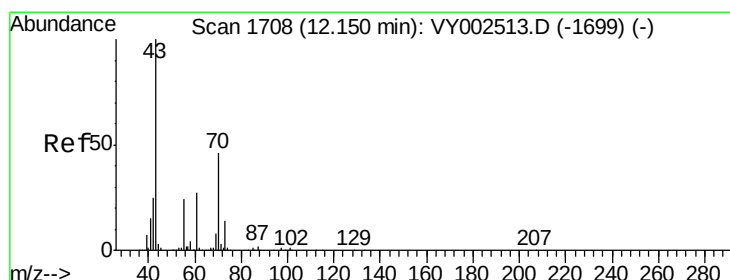
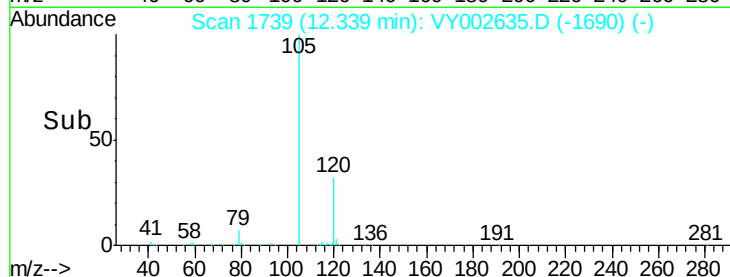
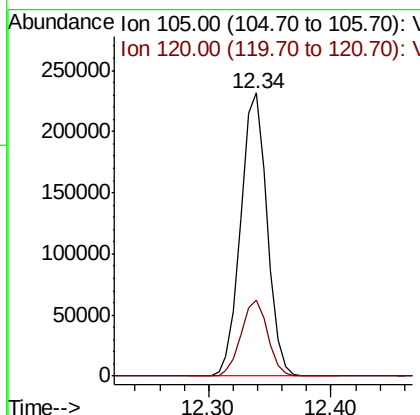
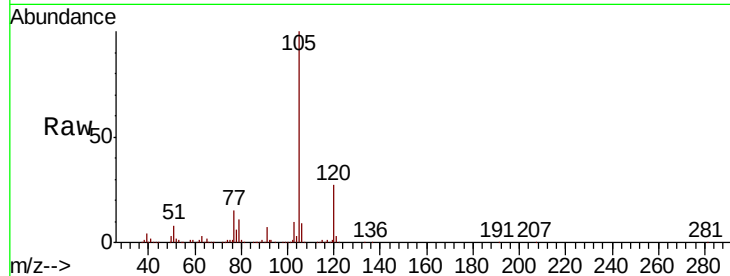
#73
Isopropylbenzene
Concen: 21.321 ug/l
RT: 12.34 min Scan# 1739
Delta R.T. -0.00 min
Lab File: VY002635.D
Acq: 08 May 2020 12:24

Instrument :
MSVOA_Y
ClientSampleId :
VY0508SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
120	27.2	13.8	41.3

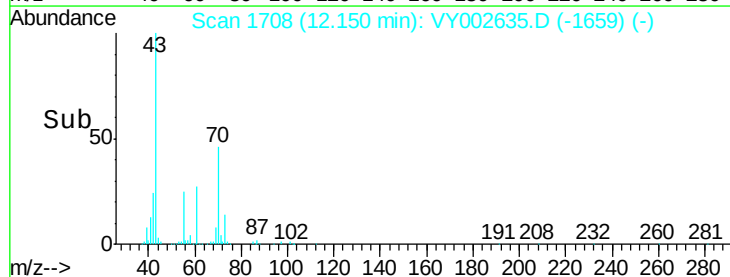
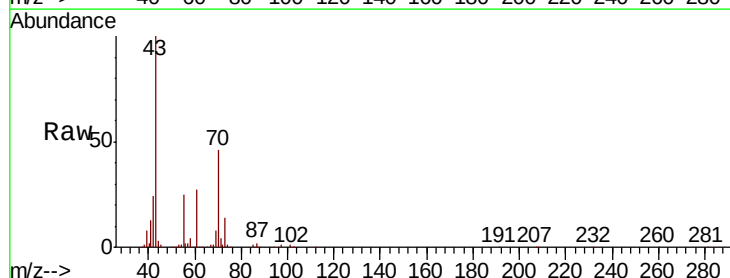
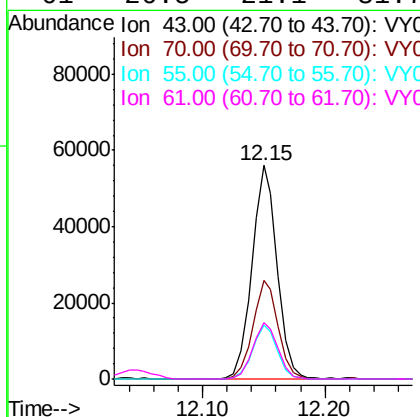
Manual Integrations
APPROVED

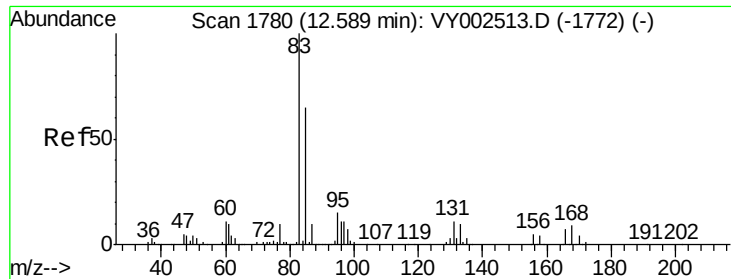
MMDadoda
5/11/2020 1:00:50 PM



#74
N-ethyl acetate
Concen: 20.609 ug/l
RT: 12.15 min Scan# 1708
Delta R.T. -0.00 min
Lab File: VY002635.D
Acq: 08 May 2020 12:24

Tgt Ion	Ratio	Lower	Upper
43	100		
70	46.3	36.7	55.1
55	24.7	19.2	28.8
61	26.5	21.1	31.7





#75

1,1,2,2-Tetrachloroethane

Concen: 19.132 ug/l

RT: 12.59 min Scan# 1780

Delta R.T. -0.00 min

Lab File: VY002635.D

Acq: 08 May 2020 12:24

Instrument :

MSVOA_Y

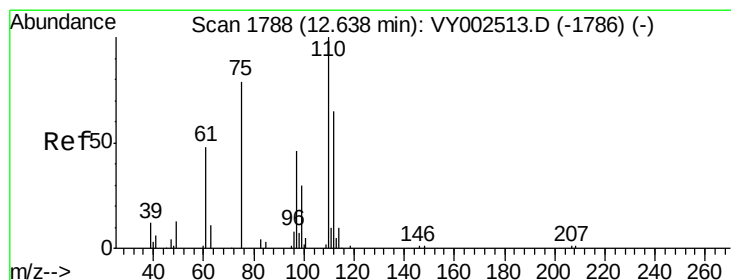
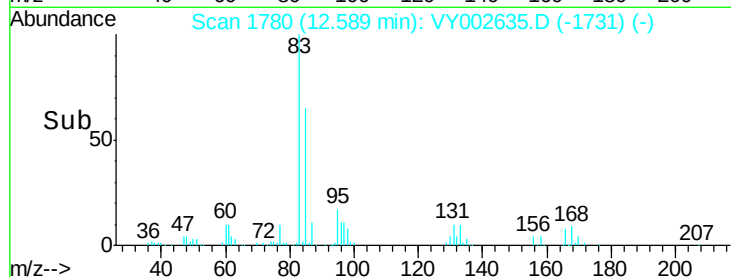
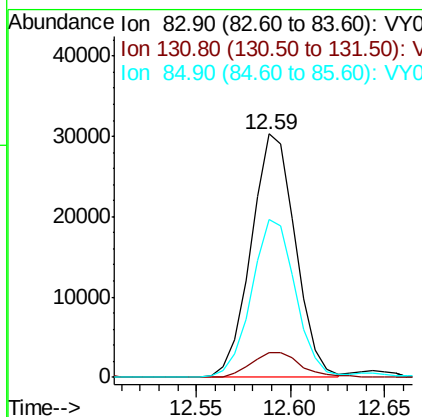
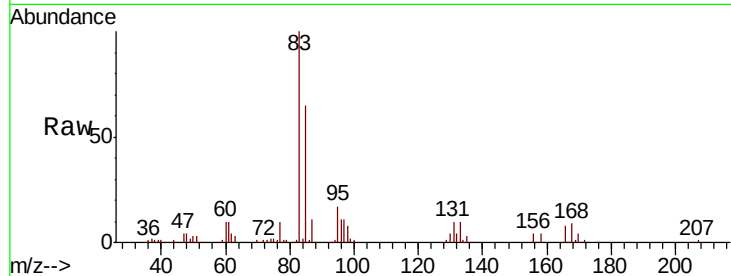
ClientSampleId :

VY0508SBS01

Tot Ion:	83	Resp:	49214
Ion	Ratio	Lower	Upper
83	100		
131	11.6	5.9	17.8
85	64.6	31.9	95.9

Manual Integrations
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5/11/2020 1:00:50 PM



#76

1,2,3-Trichloropropane

Concen: 21.408 ug/l m

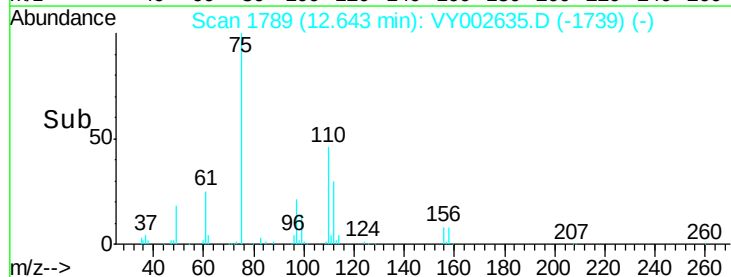
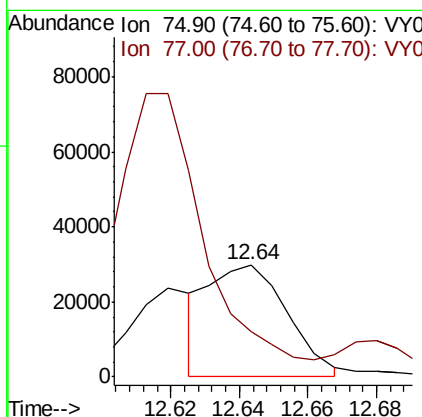
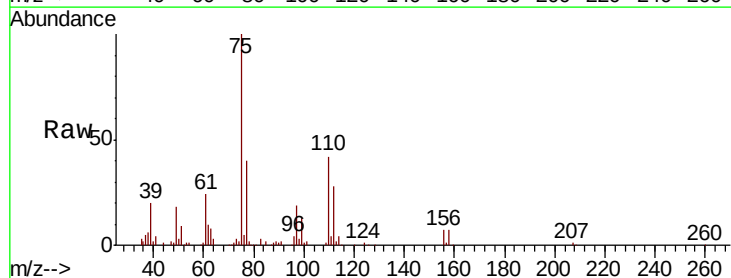
RT: 12.64 min Scan# 1789

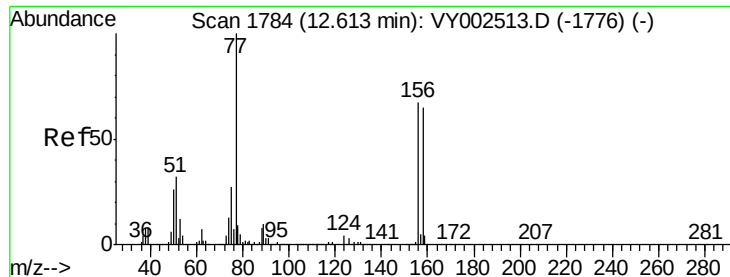
Delta R.T. 0.01 min

Lab File: VY002635.D

Acq: 08 May 2020 12:24

Tgt Ion:	75	Resp:	47481
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 20.781 ug/l

RT: 12.62 min Scan# 1785

Delta R.T. 0.01 min

Lab File: VY002635.D

Acq: 08 May 2020 12:24

Instrument :

MSVOA_Y

ClientSampleId :

VY0508SBS01

Tot Ion:156 Resp: 83978

Ion Ratio Lower Upper

156 100

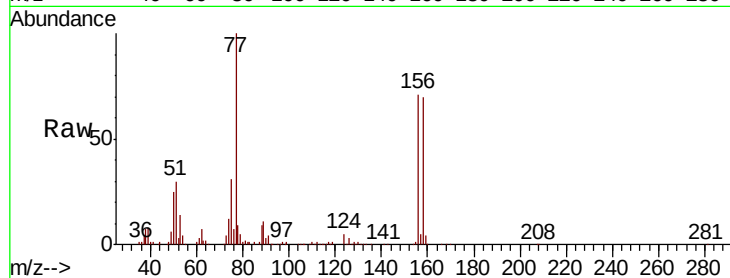
77 165.3 82.0 245.8

158 96.7 48.5 145.6

Manual Integrations
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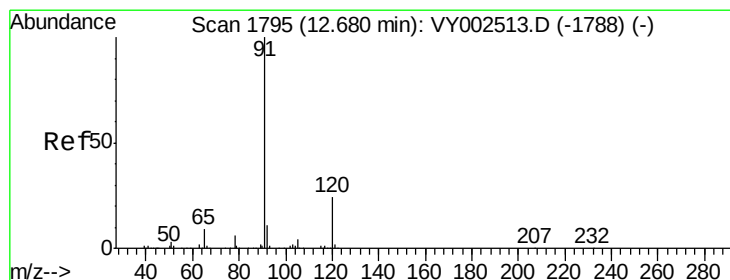
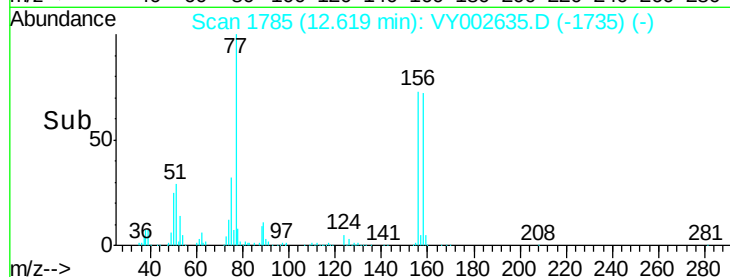
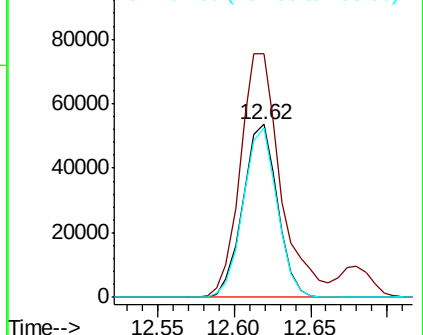
5/11/2020 1:00:50 PM



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: 21.133 ug/l

RT: 12.68 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VY002635.D

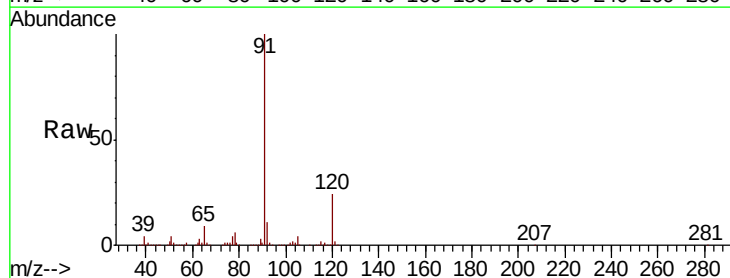
Acq: 08 May 2020 12:24

Tgt Ion: 91 Resp: 396674

Ion Ratio Lower Upper

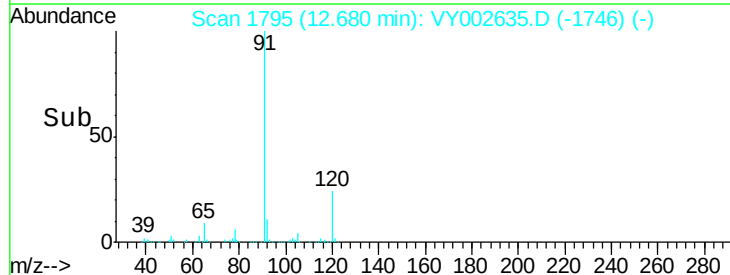
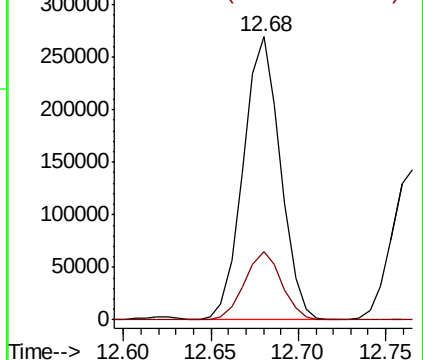
91 100

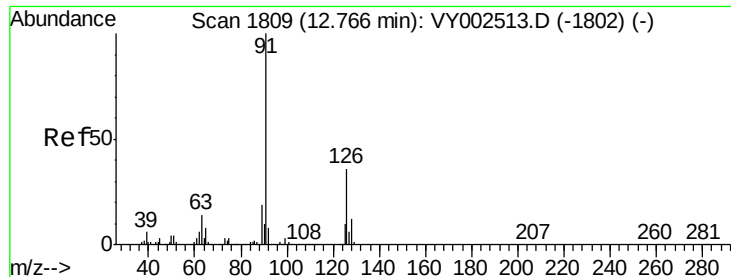
120 24.0 12.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.189 ug/l

RT: 12.77 min Scan# 1809

Delta R.T. -0.00 min

Lab File: VY002635.D

Acq: 08 May 2020 12:24

Instrument :

MSVOA_Y

ClientSampleId :

VY0508SBS01

Tot Ion: 91 Resp: 220315

Ion Ratio Lower Upper

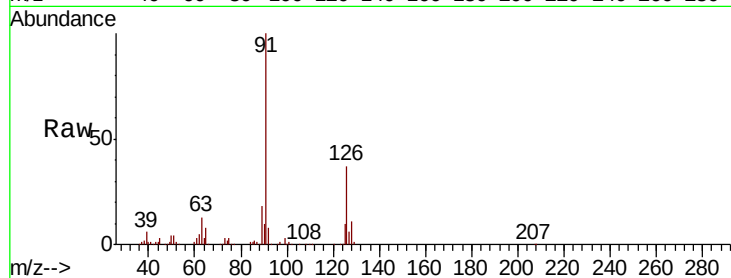
91 100

126 36.7 18.4 55.2

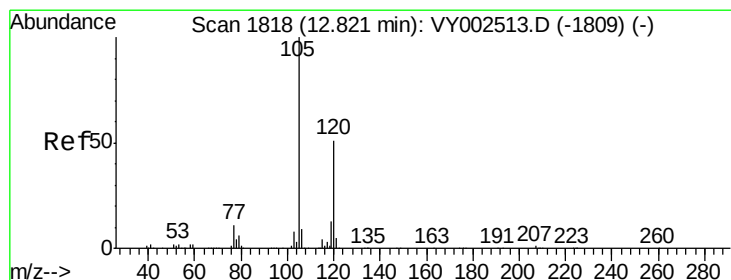
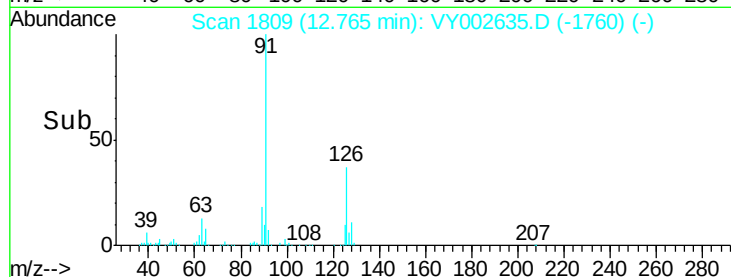
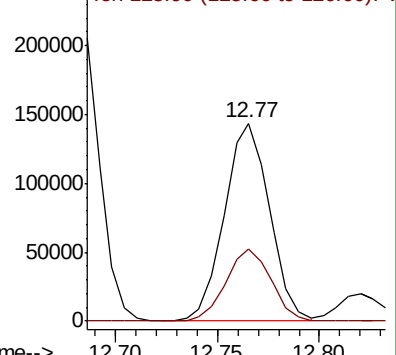
Manual Integrations
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Abundance Ion 91.00 (90.70 to 91.70): VY002513.D (-1802) (-)



#80

1,3,5-Trimethylbenzene

Concen: 21.064 ug/l

RT: 12.82 min Scan# 1818

Delta R.T. -0.00 min

Lab File: VY002635.D

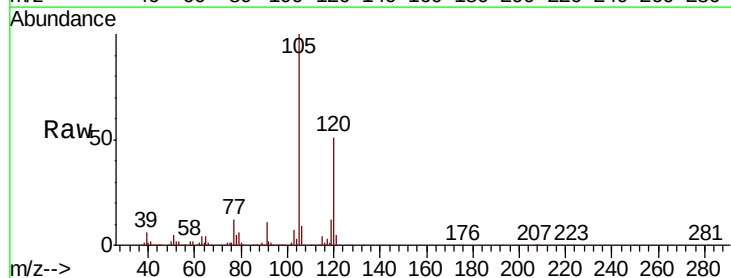
Acq: 08 May 2020 12:24

Tgt Ion: 105 Resp: 282418

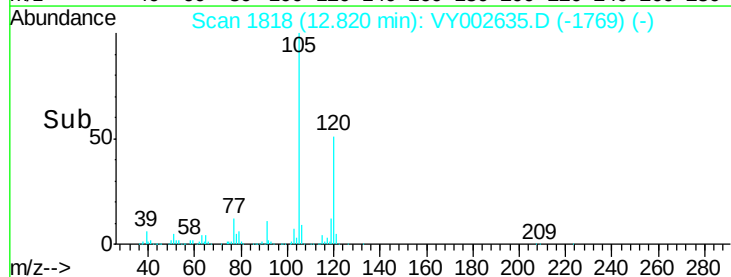
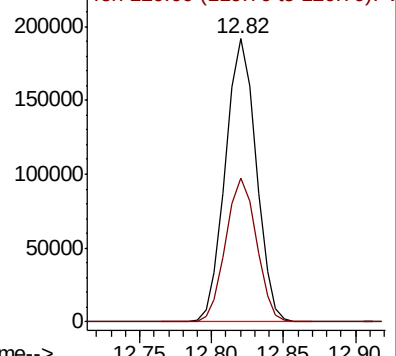
Ion Ratio Lower Upper

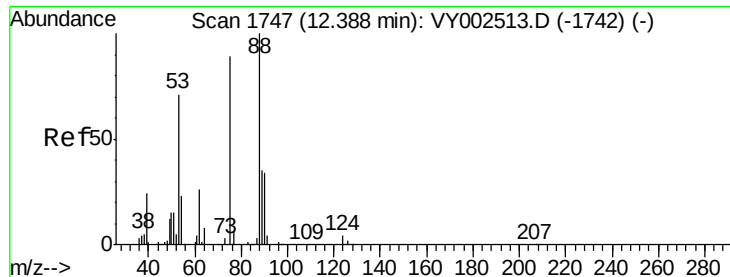
105 100

120 50.9 25.3 75.9



Abundance Ion 105.00 (104.70 to 105.70): VY002513.D (-1809) (-)





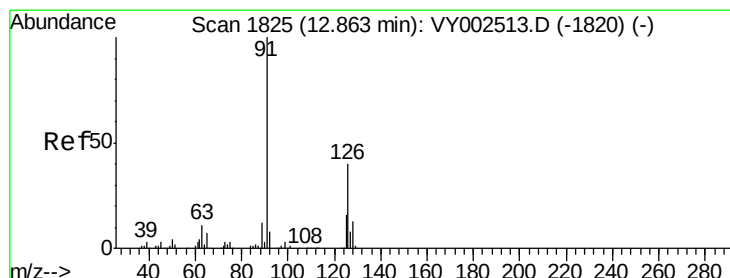
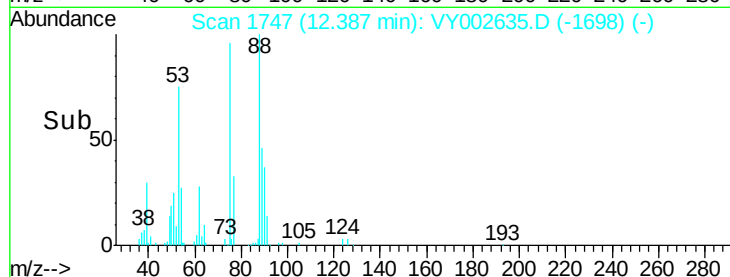
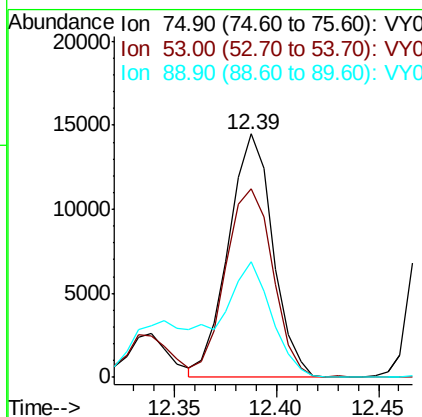
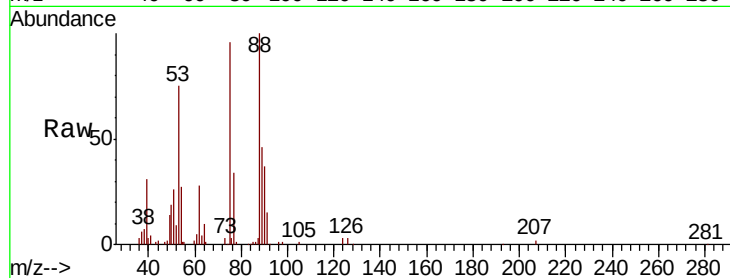
#81
trans-1,4-Dichloro-2-butene
Concen: 19.851 ug/l
RT: 12.39 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VY002635.D
Acq: 08 May 2020 12:24

Instrument :
MSVOA_Y
ClientSampleId :
VY0508SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	82.6	67.4	101.0
89	44.3	37.4	56.0

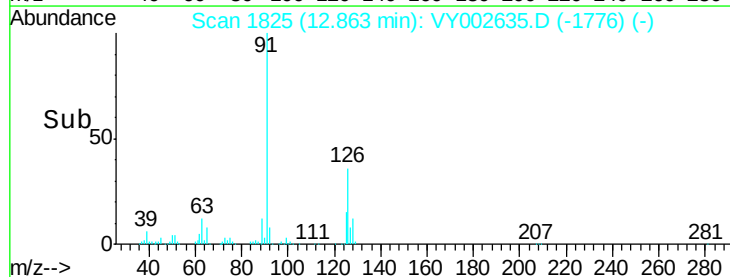
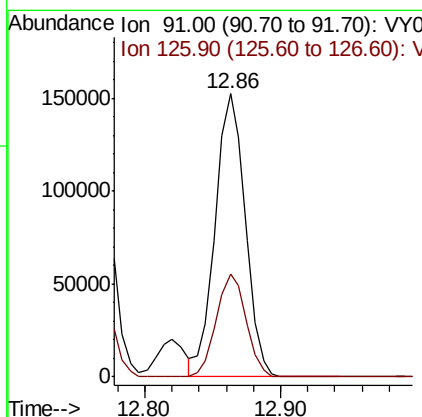
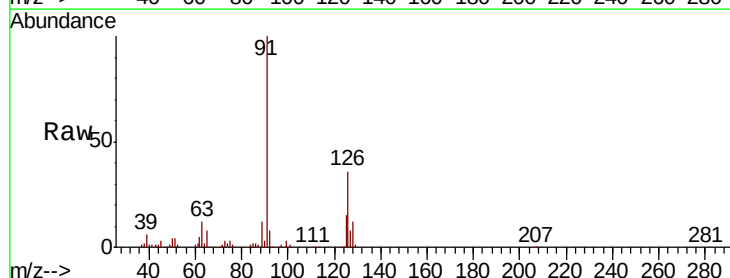
Manual Integrations
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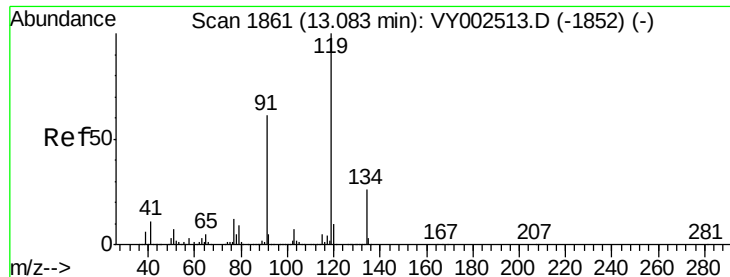
MMDadoda
5/11/2020 1:00:50 PM



#82
4-Chlorotoluene
Concen: 21.340 ug/l
RT: 12.86 min Scan# 1825
Delta R.T. -0.00 min
Lab File: VY002635.D
Acq: 08 May 2020 12:24

Tgt Ion	Ratio	Lower	Upper
91	100		
126	36.0	18.5	55.5





#83

tert-Butylbenzene

Concen: 21.867 ug/l

RT: 13.08 min Scan# 1861

Delta R.T. -0.00 min

Lab File: VY002635.D

Acq: 08 May 2020 12:24

Instrument :

MSVOA_Y

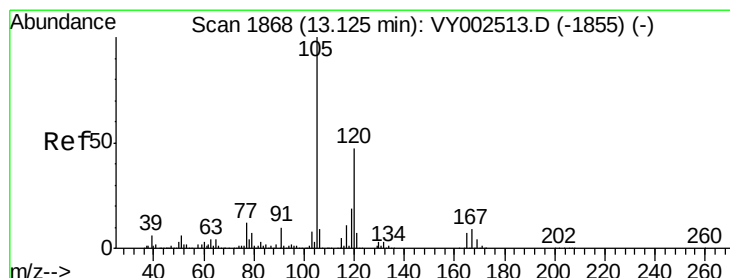
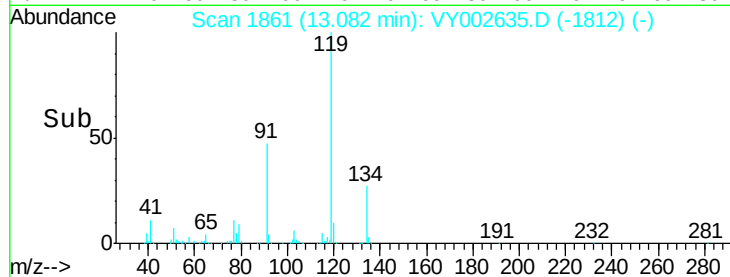
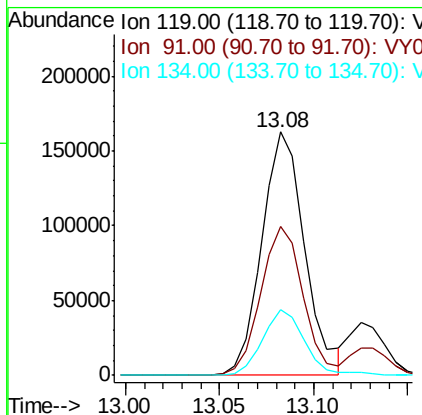
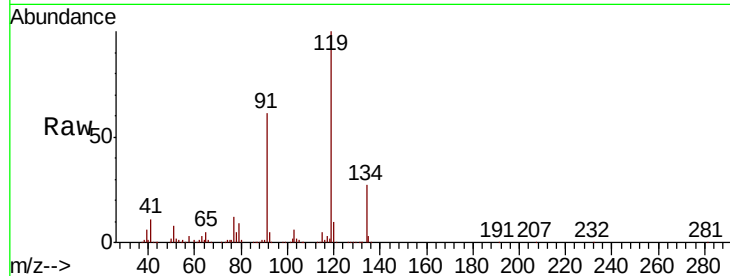
ClientSampleId :

VY0508SBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	60.3	30.6	91.6
134	26.6	13.5	40.4

Manual Integrations
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5/11/2020 1:00:50 PM



#84

1,2,4-Trimethylbenzene

Concen: 21.264 ug/l

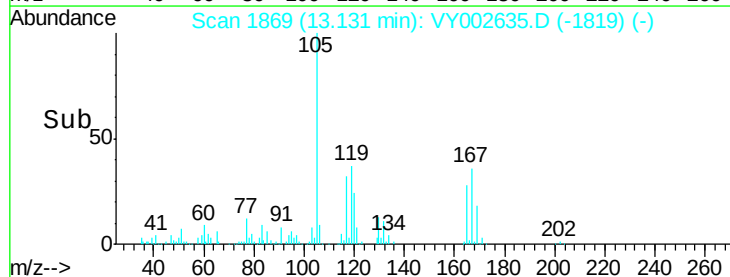
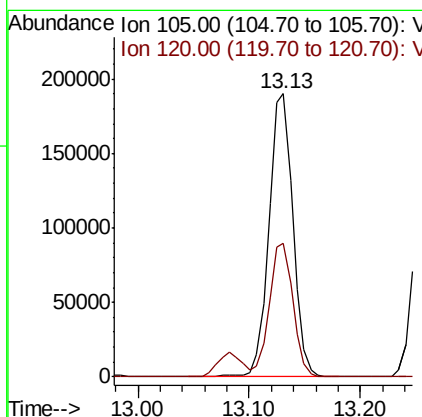
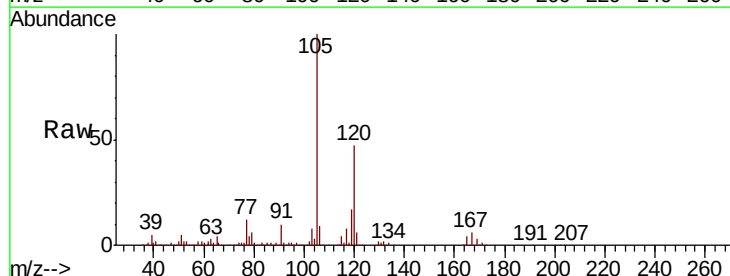
RT: 13.13 min Scan# 1869

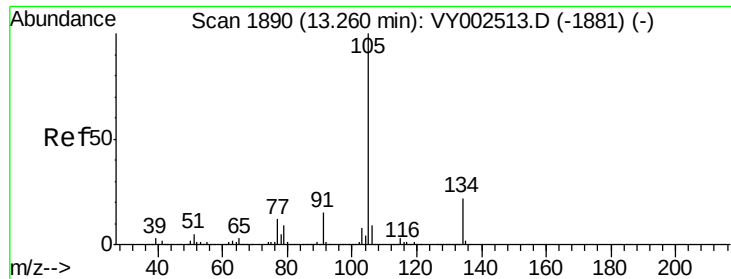
Delta R.T. 0.01 min

Lab File: VY002635.D

Acq: 08 May 2020 12:24

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.8	23.4	70.3





#85

sec-Butylbenzene

Concen: 21.522 ug/l

RT: 13.27 min Scan# 1891

Delta R.T. 0.01 min

Lab File: VY002635.D

Acq: 08 May 2020 12:24

Instrument :

MSVOA_Y

ClientSampleId :

VY0508SBS01

Tot Ion:105 Resp: 351099

Ion Ratio Lower Upper

105 100

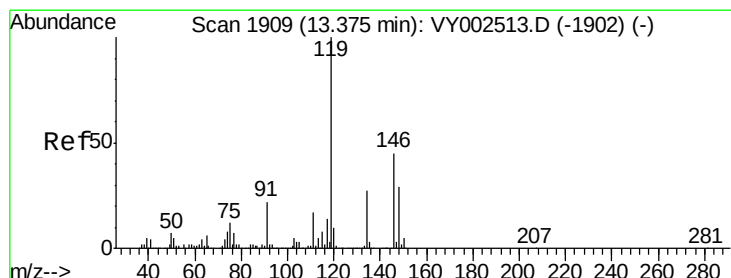
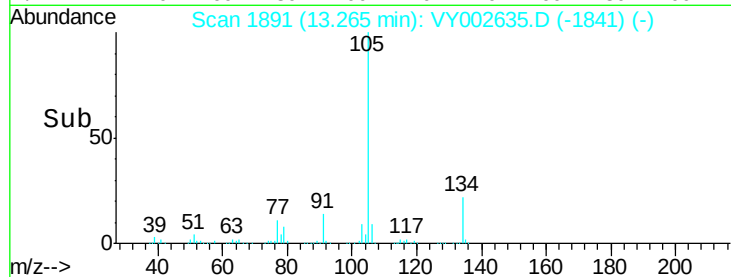
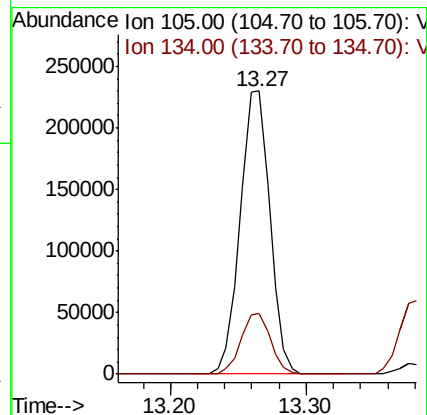
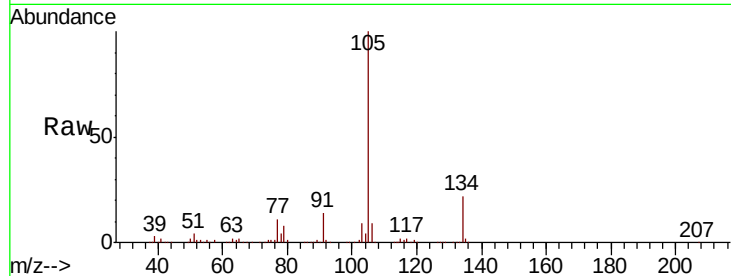
134 21.4 10.8 32.3

Manual Integrations

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5/11/2020 1:00:50 PM



#86

p-Isopropyltoluene

Concen: 21.239 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. -0.00 min

Lab File: VY002635.D

Acq: 08 May 2020 12:24

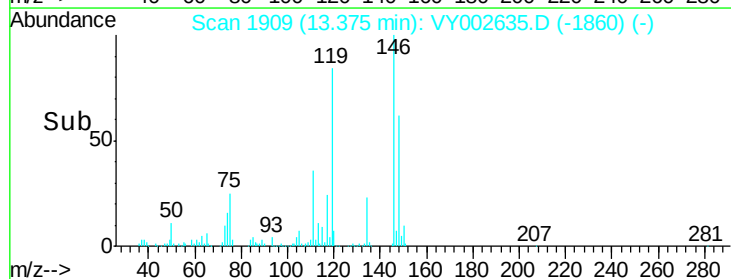
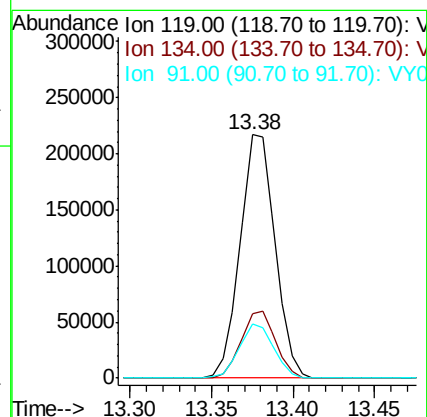
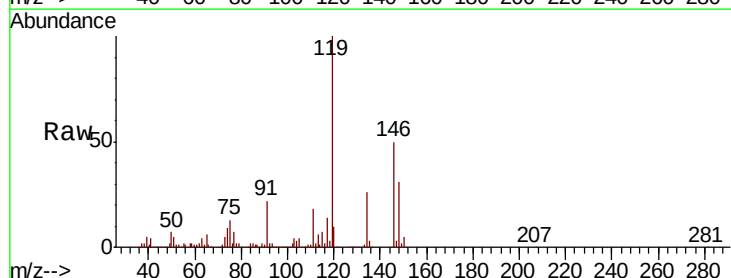
Tgt Ion:119 Resp: 324650

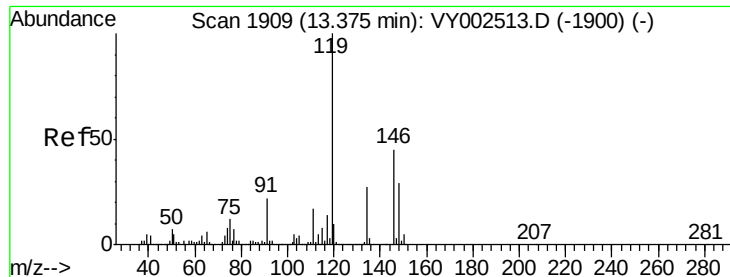
Ion Ratio Lower Upper

119 100

134 27.1 13.5 40.5

91 21.8 10.9 32.9





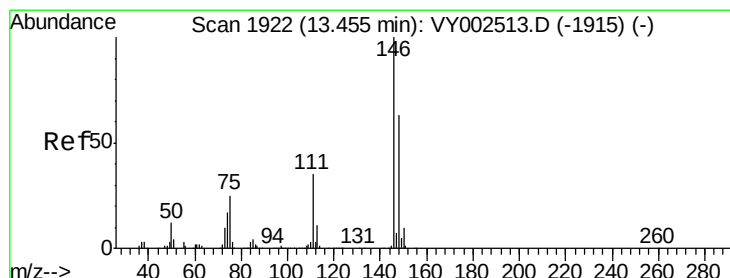
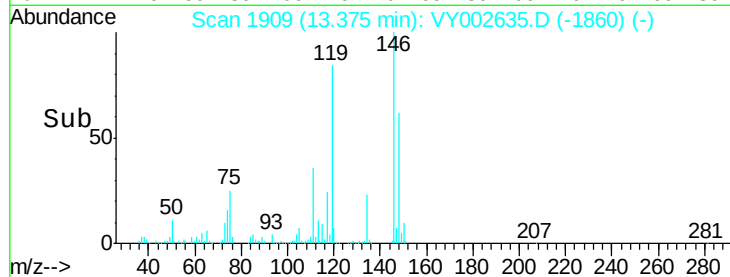
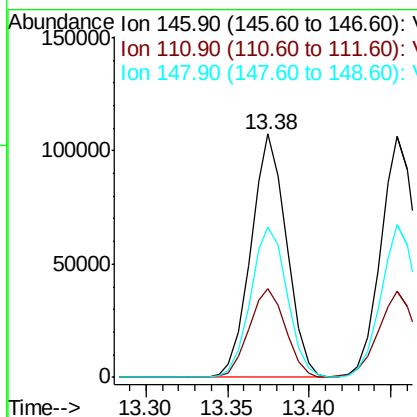
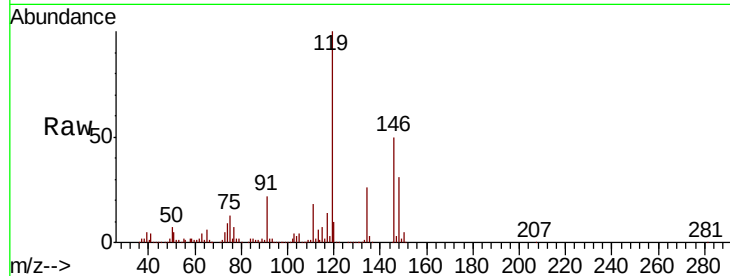
#87
 1,3-Dichlorobenzene
 Concen: 21.230 ug/l
 RT: 13.38 min Scan# 1909
 Delta R.T. -0.00 min
 Lab File: VY002635.D
 Acq: 08 May 2020 12:24

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0508SBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	162375		
111	37.3	18.8	56.3	
148	63.1	32.1	96.3	

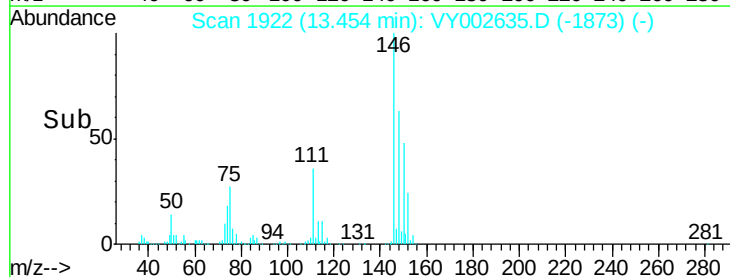
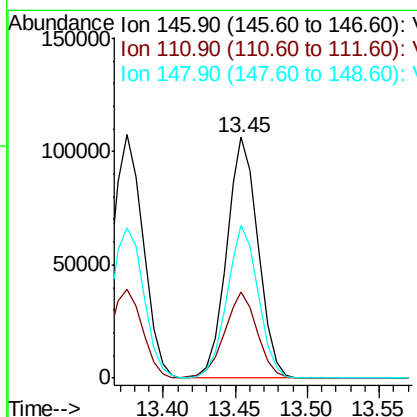
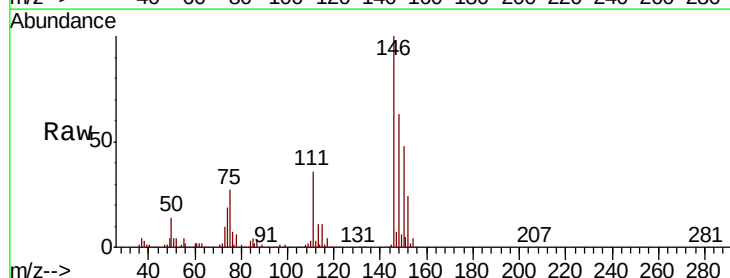
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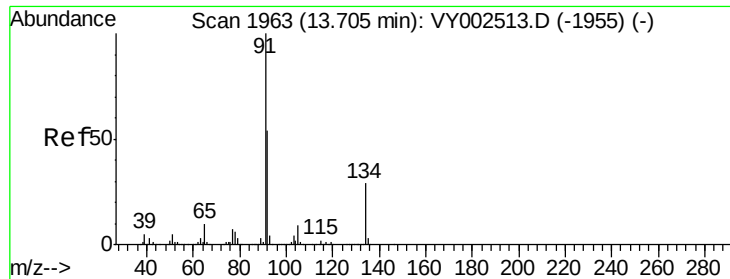
MMDadoda
 5/11/2020 1:00:50 PM



#88
 1,4-Dichlorobenzene
 Concen: 21.414 ug/l
 RT: 13.45 min Scan# 1922
 Delta R.T. -0.00 min
 Lab File: VY002635.D
 Acq: 08 May 2020 12:24

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	162179		
111	37.0	18.1	54.1	
148	63.1	31.9	95.5	





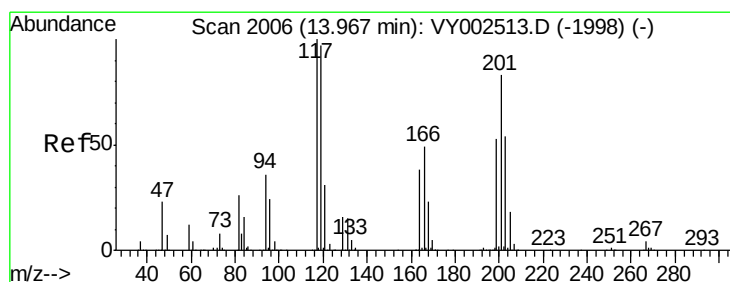
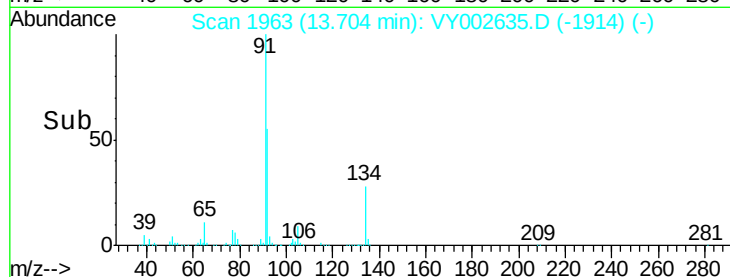
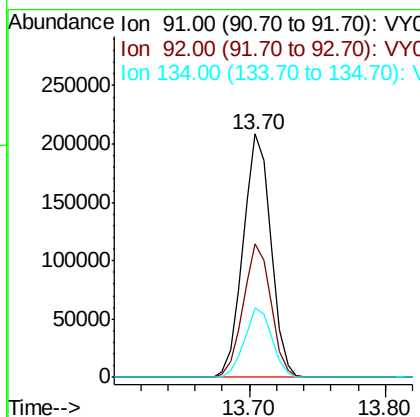
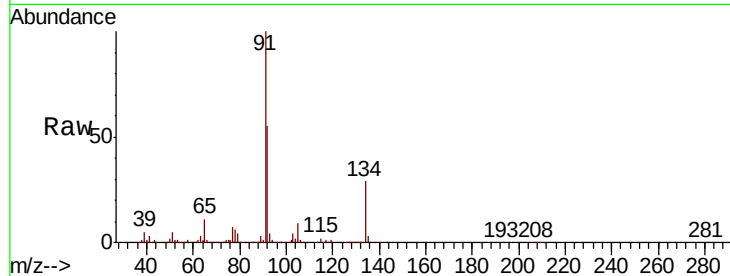
#89
n-Butylbenzene
Concen: 21.441 ug/l
RT: 13.70 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VY002635.D
Acq: 08 May 2020 12:24

Instrument :
MSVOA_Y
ClientSampleId :
VY0508SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.6	27.1	81.3
134	28.3	14.4	43.0

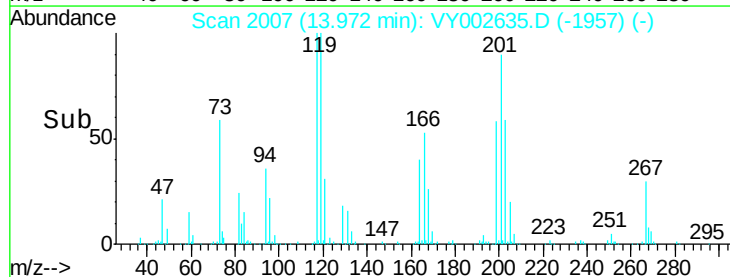
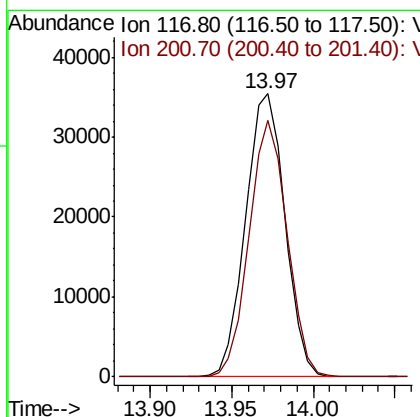
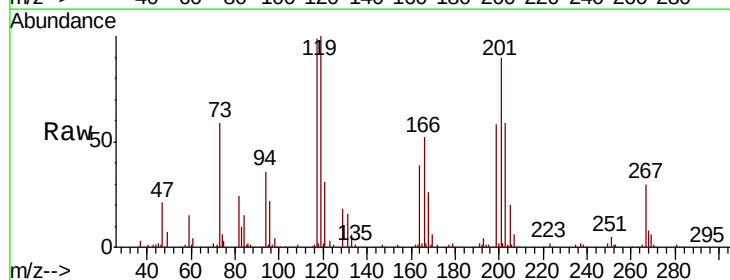
Manual Integrations
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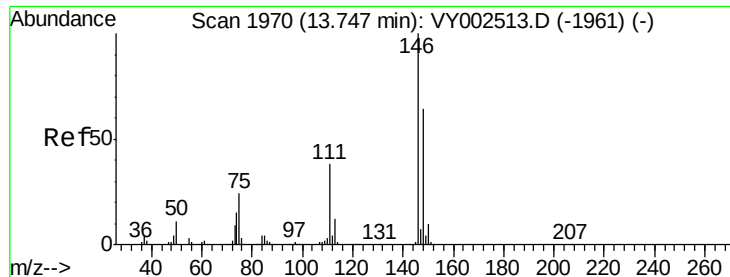
MMDadoda
5/11/2020 1:00:50 PM



#90
Hexachloroethane
Concen: 21.386 ug/l
RT: 13.97 min Scan# 2007
Delta R.T. 0.01 min
Lab File: VY002635.D
Acq: 08 May 2020 12:24

Tgt Ion	Ratio	Lower	Upper
117	100		
201	87.4	44.4	133.2





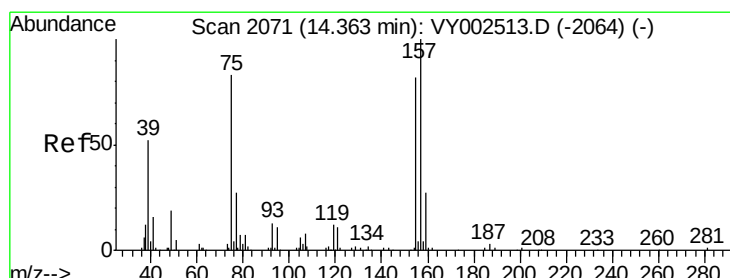
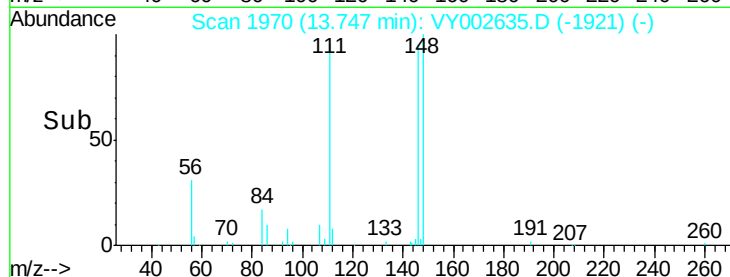
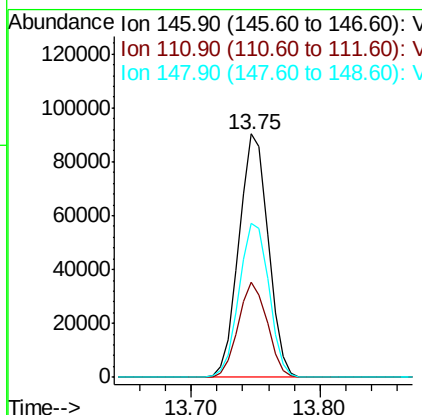
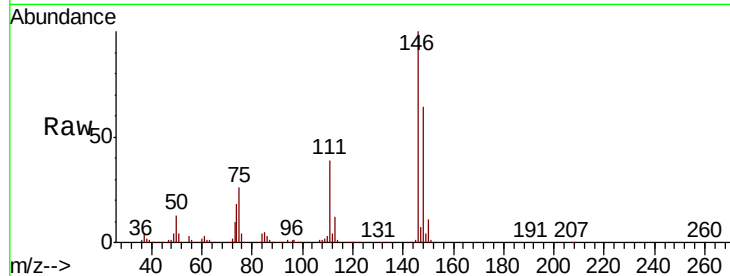
#91
 1,2-Dichlorobenzene
 Concen: 20.848 ug/l
 RT: 13.75 min Scan# 1970
 Delta R.T. -0.00 min
 Lab File: VY002635.D
 Acq: 08 May 2020 12:24

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0508SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.5	19.1	57.5
148	64.4	31.9	95.7

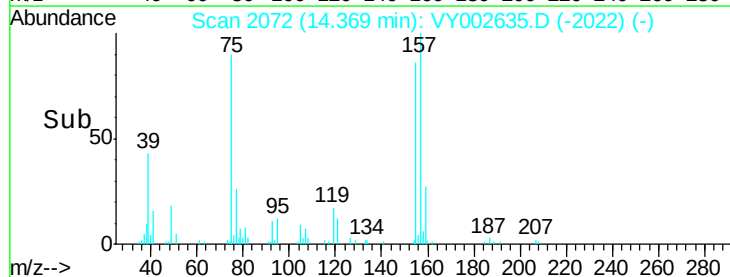
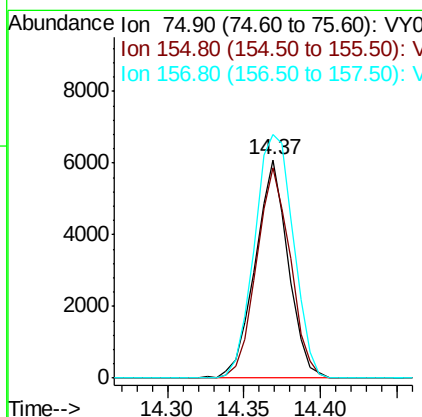
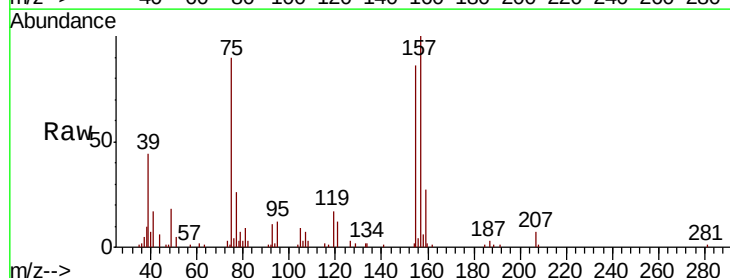
Manual Integrations
 APPROVED

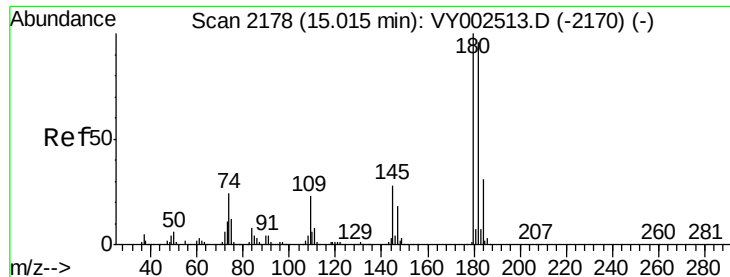
MMDadoda
 5/11/2020 1:00:50 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.072 ug/l
 RT: 14.37 min Scan# 2072
 Delta R.T. 0.01 min
 Lab File: VY002635.D
 Acq: 08 May 2020 12:24

Tgt Ion	Ratio	Lower	Upper
75	100		
155	98.7	51.3	153.9
157	131.7	65.0	195.0





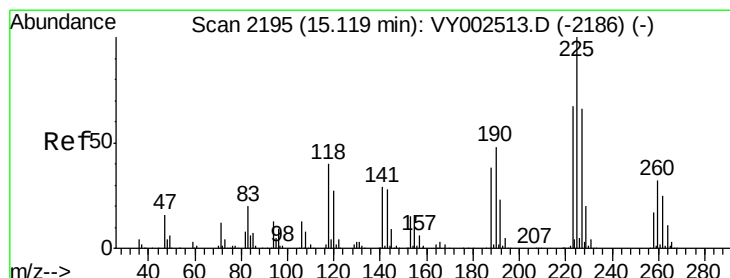
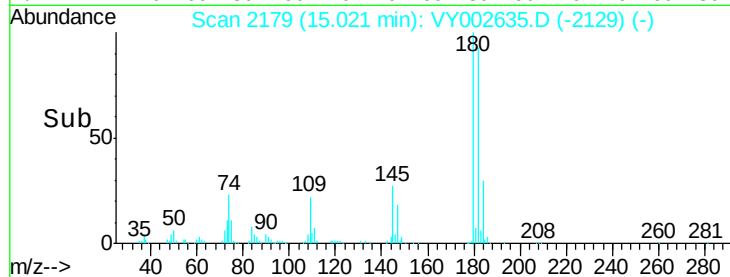
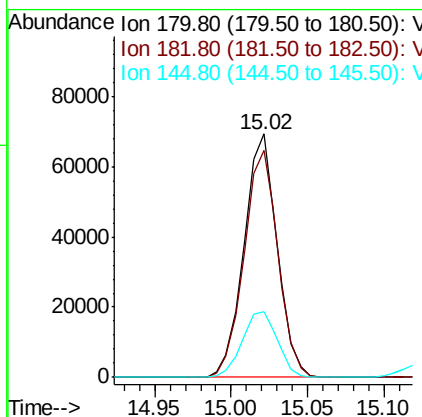
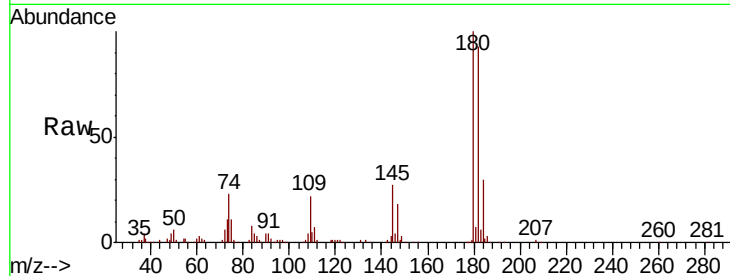
#93
 1,2,4-Trichlorobenzene
 Concen: 21.042 ug/l
 RT: 15.02 min Scan# 2179
 Delta R.T. 0.01 min
 Lab File: VY002635.D
 Acq: 08 May 2020 12:24

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0508SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	95.0	47.9	143.6	
145	28.6	14.4	43.0	

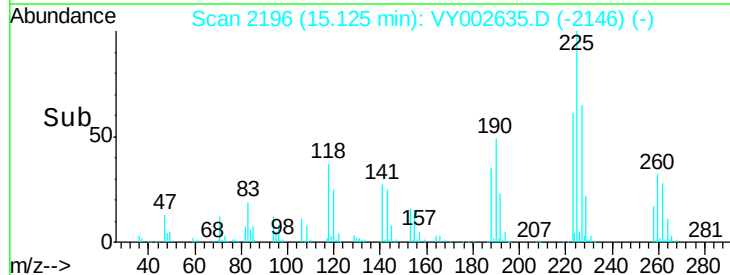
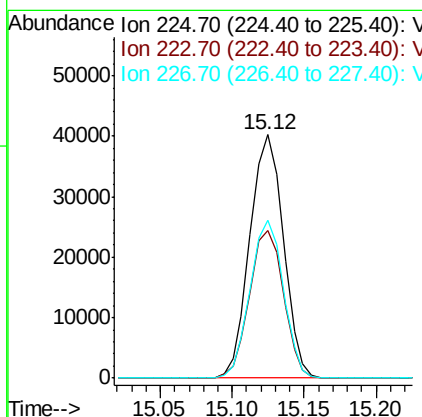
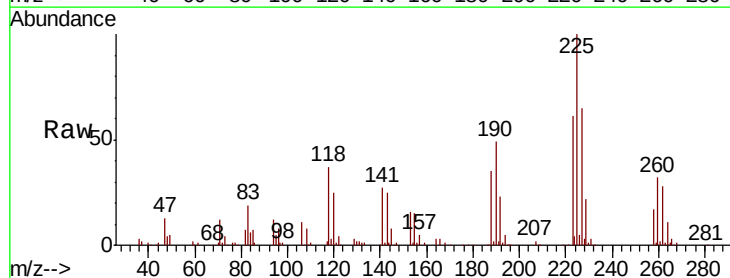
Manual Integrations
 APPROVED

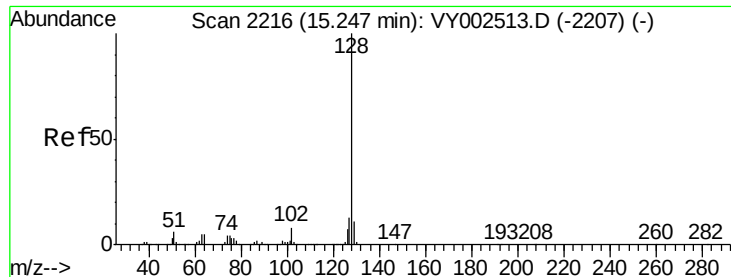
MMDadoda
 5/11/2020 1:00:50 PM



#94
 Hexachlorobutadiene
 Concen: 21.836 ug/l
 RT: 15.12 min Scan# 2196
 Delta R.T. 0.01 min
 Lab File: VY002635.D
 Acq: 08 May 2020 12:24

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	61.6	32.1	96.5	
227	64.0	32.0	96.2	





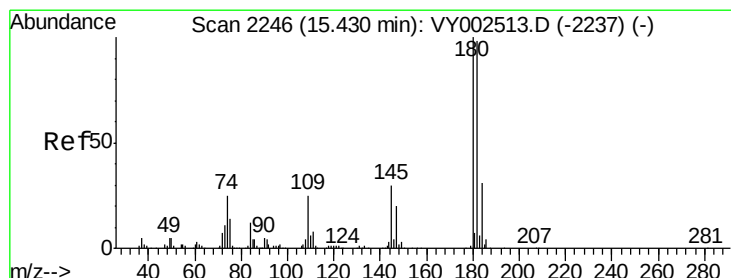
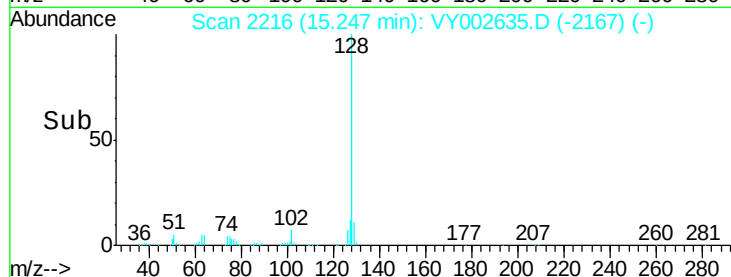
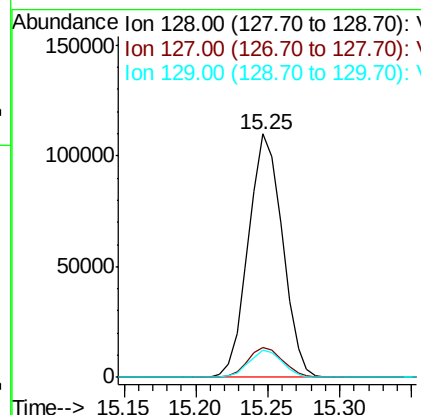
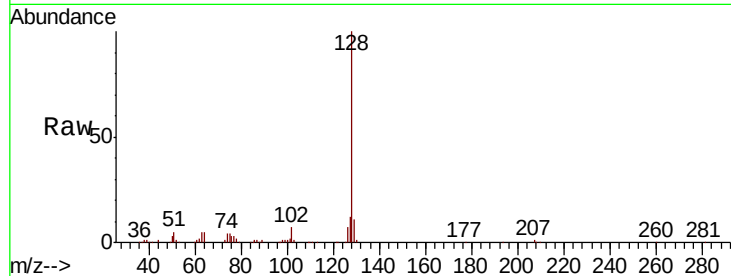
#95
Naphthalene
Concen: 19.942 ug/l
RT: 15.25 min Scan# 2216
Delta R.T. -0.00 min
Lab File: VY002635.D
Acq: 08 May 2020 12:24

Instrument :
MSVOA_Y
ClientSampleId :
VY0508SBS01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	180250		
127	12.6		10.5	15.7
129	10.9		8.8	13.2

Manual Integrations
APPROVED

MMDadoda
5/11/2020 1:00:50 PM



#96
1,2,3-Trichlorobenzene
Concen: 20.403 ug/l
RT: 15.44 min Scan# 2247
Delta R.T. 0.01 min
Lab File: VY002635.D
Acq: 08 May 2020 12:24

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	85823		
182	96.2		47.9	143.8
145	29.9		15.0	45.1

