

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY041320\
 Data File : VY002277.D
 Acq On : 13 Apr 2020 14:11
 Operator : SY/MD
 Sample : VY0413SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0413SBS01

Manual Integrations
 APPROVED

MMDadoda
 4/14/2020 10:01:50 AM

Quant Time: Apr 14 09:01:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y040820S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 08 15:15:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	186139	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	334541	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	299263	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	137450	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.16	65	96218	46.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.96%	
35) Dibromofluoromethane	7.74	113	95382	47.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.84%	
50) Toluene-d8	10.19	98	398204	47.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.58%	
62) 4-Bromofluorobenzene	12.48	95	134514	48.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	33388	17.748	ug/l	94
3) Chloromethane	2.13	50	42790	18.073	ug/l	98
4) Vinyl Chloride	2.26	62	45102	17.897	ug/l	93
5) Bromomethane	2.65	94	28199	18.120	ug/l	91
6) Chloroethane	2.80	64	25736	17.708	ug/l	93
7) Trichlorofluoromethane	3.14	101	58631	18.015	ug/l	97
8) Diethyl Ether	3.55	74	26435	19.106	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.92	101	40852	18.479	ug/l	99
10) Methyl Iodide	4.11	142	44562	17.341	ug/l	99
11) Tert butyl alcohol	4.97	59	27496	105.313	ug/l	97
12) 1,1-Dichloroethene	3.89	96	41696	18.552	ug/l	98
13) Acrolein	3.75	56	24435	91.551	ug/l	98
14) Allyl chloride	4.50	41	67899	18.708	ug/l	98
15) Acrylonitrile	5.19	53	67174	94.942	ug/l	98
16) Acetone	3.97	43	52286	95.902	ug/l	91
17) Carbon Disulfide	4.21	76	138495	18.554	ug/l	100
18) Methyl Acetate	4.50	43	31501	18.627	ug/l	99
19) Methyl tert-butyl Ether	5.25	73	109887	18.597	ug/l	98
20) Methylene Chloride	4.74	84	50524	18.854	ug/l	98
21) trans-1,2-Dichloroethene	5.24	96	47003	18.631	ug/l	98
22) Diisopropyl ether	6.14	45	136703	18.716	ug/l	99
23) Vinyl Acetate	6.08	43	434954	93.446	ug/l	99
24) 1,1-Dichloroethane	6.03	63	77277	18.601	ug/l	98
25) 2-Butanone	7.00	43	81487	94.444	ug/l	98
26) 2,2-Dichloropropane	7.00	77	63270	18.206	ug/l	99
27) cis-1,2-Dichloroethene	7.01	96	50568	18.388	ug/l	99
28) Bromochloromethane	7.35	49	33647	18.761	ug/l	98
29) Tetrahydrofuran	7.36	42	53432	93.685	ug/l	98
30) Chloroform	7.52	83	72379	18.482	ug/l	96
31) Cyclohexane	7.80	56	80580	18.478	ug/l #	95
32) 1,1,1-Trichloroethane	7.72	97	60156	18.455	ug/l	98
36) 1,1-Dichloropropene	7.93	75	61682	18.719	ug/l	98
37) Ethyl Acetate	7.10	43	35913	19.078	ug/l	100
38) Carbon Tetrachloride	7.91	117	52744	18.713	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	84046	18.750	ug/l	95
40) Benzene	8.17	78	188836	18.888	ug/l	100
41) Methacrylonitrile	7.35	41	21985m	19.797	ug/l	
42) 1,2-Dichloroethane	8.25	62	45181	18.244	ug/l	99
43) Isopropyl Acetate	8.28	43	63600	18.525	ug/l	100
44) Trichloroethene	8.95	130	53602	18.236	ug/l	95
45) 1,2-Dichloropropane	9.23	63	46772	18.855	ug/l	90
46) Dibromomethane	9.31	93	23789	18.342	ug/l	99
47) Bromodichloromethane	9.50	83	54653	18.365	ug/l	99
48) Methyl methacrylate	9.30	41	27688	17.986	ug/l	97
49) 1,4-Dioxane	9.31	88	6984	380.669	ug/l	93
51) 4-Methyl-2-Pentanone	10.08	43	174115	97.326	ug/l	100
52) Toluene	10.25	92	113711	18.873	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	59764	18.432	ug/l	98
54) cis-1,3-Dichloropropene	9.94	75	74139	19.019	ug/l	98
55) 1,1,2-Trichloroethane	10.65	97	35860	18.885	ug/l	98
56) Ethyl methacrylate	10.52	69	51545	19.019	ug/l	97
57) 1,3-Dichloropropane	10.80	76	62398	18.696	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.79	63	135195	96.332	ug/l	99
59) 2-Hexanone	10.84	43	116769	94.047	ug/l	100
60) Dibromochloromethane	10.99	129	38019	18.777	ug/l	100
61) 1,2-Dibromoethane	11.10	107	34049	18.835	ug/l	100
64) Tetrachloroethene	10.72	164	56461	18.661	ug/l	97
65) Chlorobenzene	11.52	112	117893	18.951	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	39181	19.077	ug/l	99
67) Ethyl Benzene	11.60	91	216079	18.974	ug/l	100
68) m/p-Xylenes	11.70	106	162530	38.104	ug/l	99
69) o-Xylene	12.03	106	75714	18.907	ug/l	99
70) Styrene	12.05	104	130739	18.818	ug/l	99
71) Bromoform	12.21	173	21526	19.273	ug/l #	98
73) Isopropylbenzene	12.33	105	202915	18.792	ug/l	99
74) N-amyl acetate	12.15	43	57127	18.637	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.59	83	26971	20.645	ug/l	100
76) 1,2,3-Trichloropropane	12.64	75	30661m	19.210	ug/l	
77) Bromobenzene	12.61	156	43265	18.211	ug/l	95
78) n-propylbenzene	12.67	91	249083	18.547	ug/l	100
79) 2-Chlorotoluene	12.76	91	136479	18.700	ug/l	100
80) 1,3,5-Trimethylbenzene	12.82	105	164889	18.464	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.39	75	15803	19.257	ug/l	97
82) 4-Chlorotoluene	12.86	91	142823	18.671	ug/l	99
83) tert-Butylbenzene	13.08	119	138991	18.581	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	167352	18.766	ug/l	99
85) sec-Butylbenzene	13.26	105	207513	18.622	ug/l	100
86) p-Isopropyltoluene	13.38	119	181272	18.901	ug/l	99
87) 1,3-Dichlorobenzene	13.38	146	87136	18.925	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	85274	18.246	ug/l	98
89) n-Butylbenzene	13.70	91	181479	18.460	ug/l	100
90) Hexachloroethane	13.97	117	33823	18.507	ug/l	99
91) 1,2-Dichlorobenzene	13.75	146	78779	18.830	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	6075	19.226	ug/l	96

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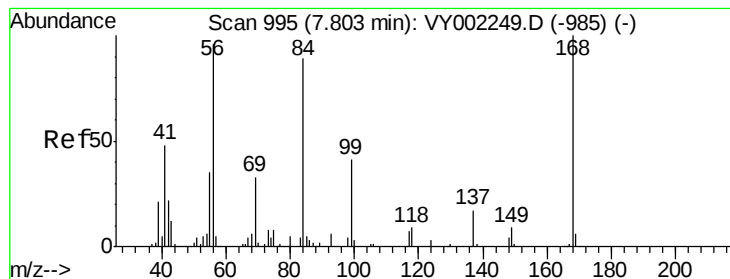
Manual Integrations
APPROVED

MMDadoda
4/14/2020 10:01:50 AM

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	49338	18.042	ug/l	99
94) Hexachlorobutadiene	15.12	225	24964	18.125	ug/l	99
95) Naphthalene	15.24	128	108143	18.062	ug/l	99
96) 1,2,3-Trichlorobenzene	15.43	180	43371	18.266	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.01 min

Lab File: VY002277.D

Acq: 13 Apr 2020 14:11

Instrument :

MSVOA_Y

ClientSampleId :

VY0413SBS01

Tot Ion:168 Resp: 186139

Ion Ratio Lower Upper

168 100

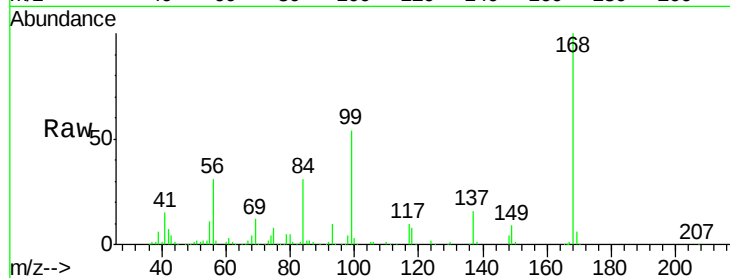
99 53.7 48.0 72.0

Manual Integrations

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4/14/2020 10:01:50 AM



Abundance Ion 167.90 (167.60 to 168.60): VY002249.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY002249.D (-985) (-)

7.81

80000

60000

40000

20000

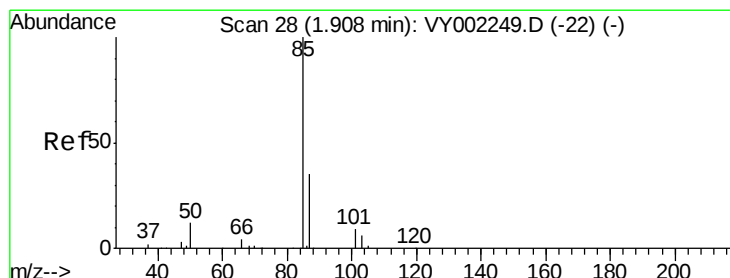
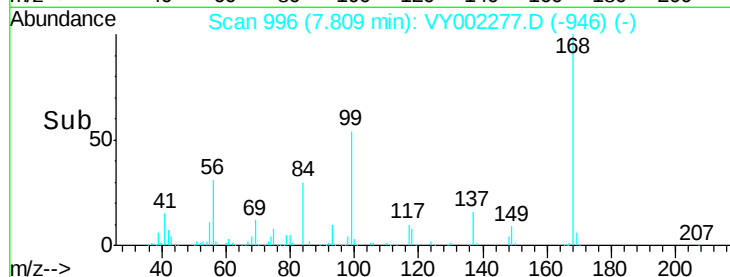
0

7.70

7.80

7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 17.748 ug/l

RT: 1.91 min Scan# 29

Delta R.T. 0.01 min

Lab File: VY002277.D

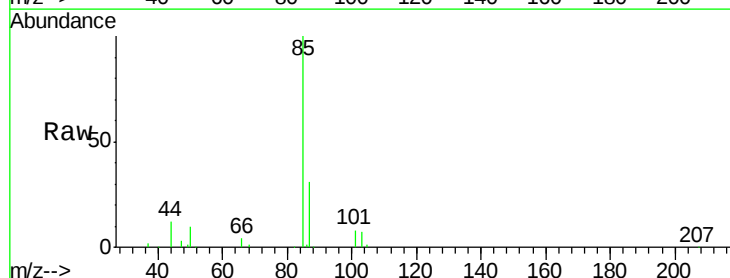
Acq: 13 Apr 2020 14:11

Tgt Ion: 85 Resp: 33388

Ion Ratio Lower Upper

85 100

87 31.3 17.3 51.9



Abundance Ion 84.90 (84.60 to 85.60): VY002249.D (-22) (-)

Ion 86.90 (86.60 to 87.60): VY002249.D (-22) (-)

1.91

25000

20000

15000

10000

5000

0

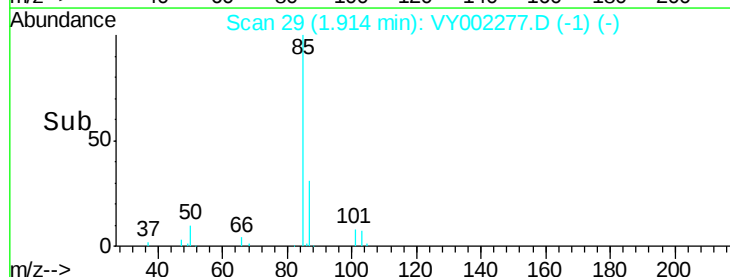
1.85

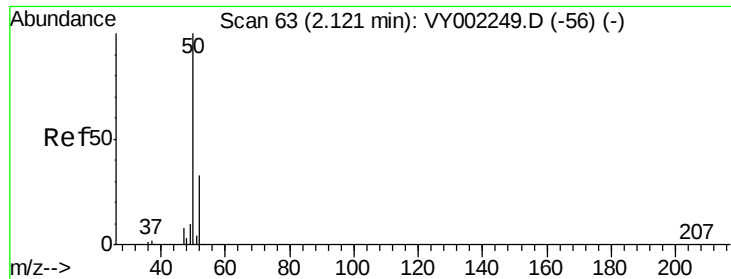
1.90

1.95

2.00

Time-->





#3

Chloromethane

Concen: 18.073 ug/l

RT: 2.13 min Scan# 64

Delta R.T. 0.01 min

Lab File: VY002277.D

Acq: 13 Apr 2020 14:11

Instrument :

MSVOA_Y

ClientSampleId :

VY0413SBS01

Tot Ion: 50 Resp: 42790

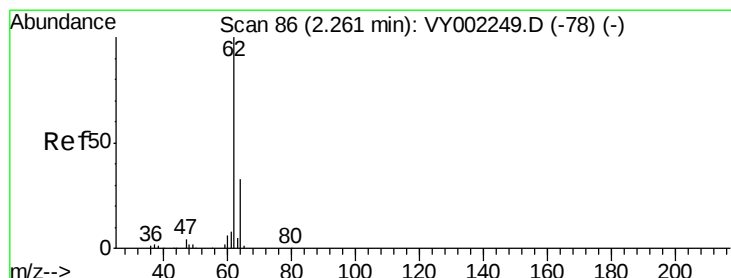
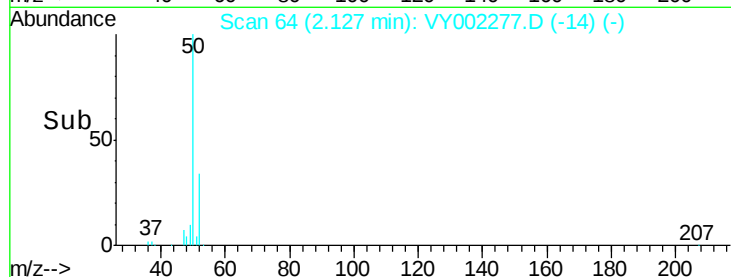
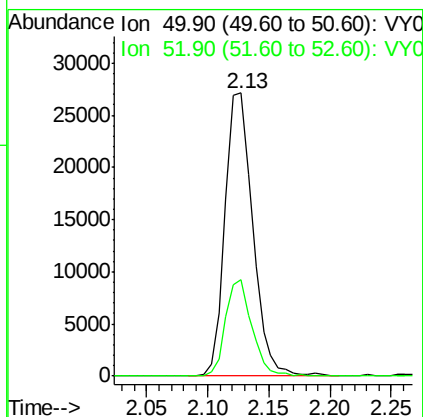
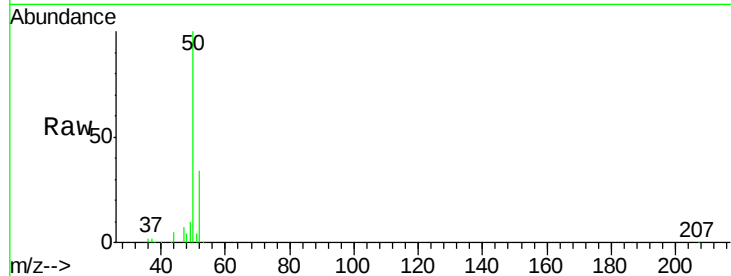
Ion Ratio Lower Upper

50 100

52 34.2 26.6 39.8

Manual Integrations
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#4

Vinyl Chloride

Concen: 17.897 ug/l

RT: 2.26 min Scan# 86

Delta R.T. -0.00 min

Lab File: VY002277.D

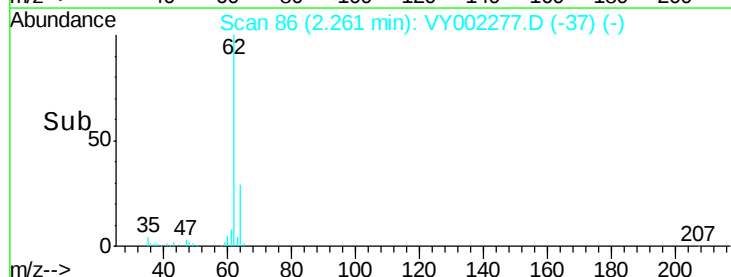
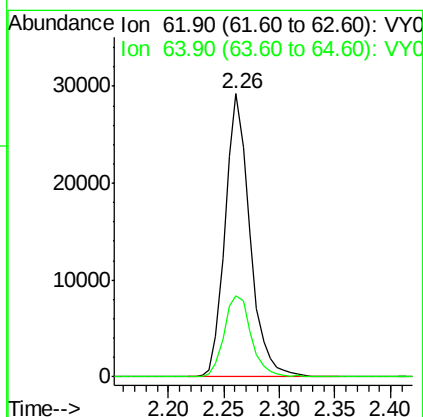
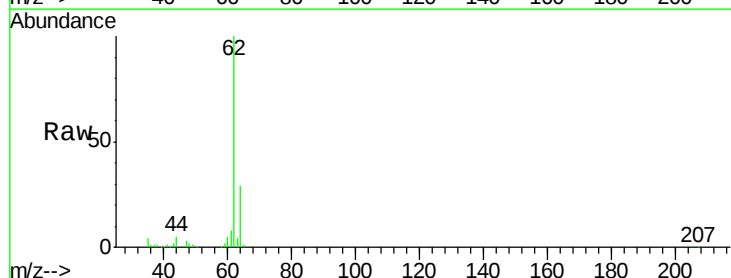
Acq: 13 Apr 2020 14:11

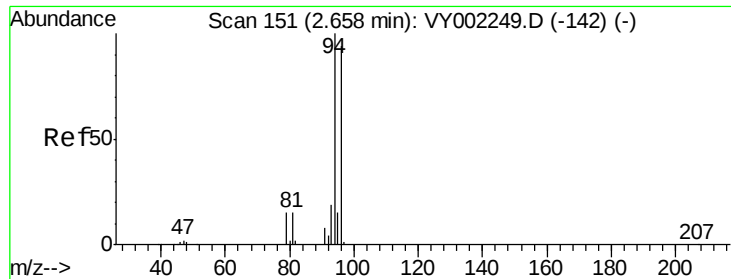
Tgt Ion: 62 Resp: 45102

Ion Ratio Lower Upper

62 100

64 28.8 26.2 39.2





#5

Bromomethane

Concen: 18.120 ug/l

RT: 2.65 min Scan# 150

Delta R.T. -0.01 min

Lab File: VY002277.D

Acq: 13 Apr 2020 14:11

Instrument :

MSVOA_Y

ClientSampleId :

VY0413SBS01

Tot Ion: 94 Resp: 28199

Ion Ratio Lower Upper

94 100

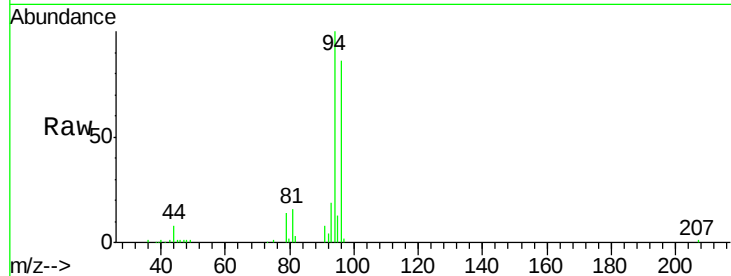
96 86.1 75.6 113.4

Manual Integrations

APPROVED

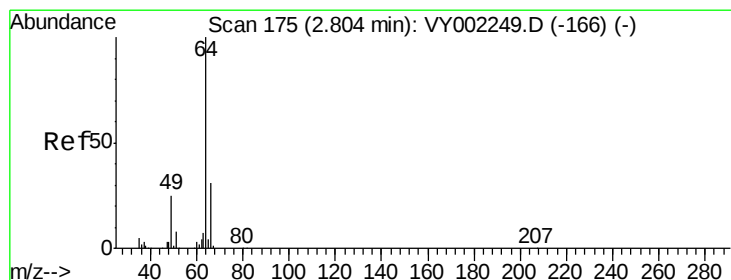
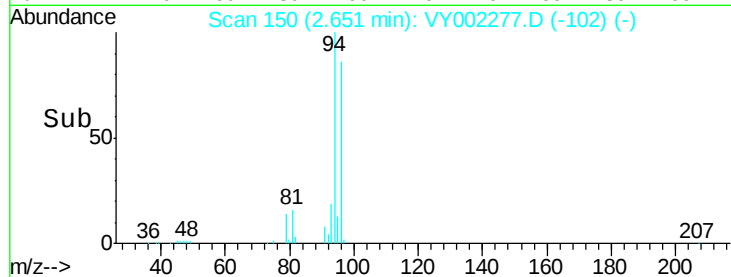
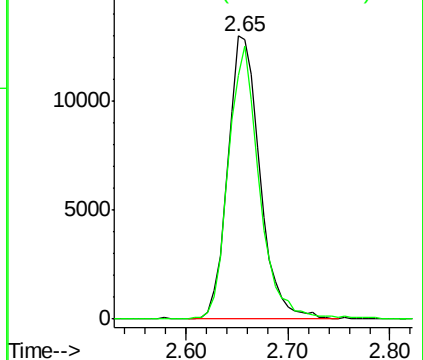
MMDadoda

4/14/2020 10:01:50 AM



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 17.708 ug/l

RT: 2.80 min Scan# 175

Delta R.T. -0.00 min

Lab File: VY002277.D

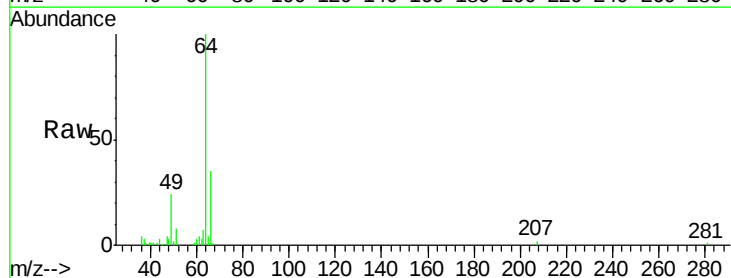
Acq: 13 Apr 2020 14:11

Tgt Ion: 64 Resp: 25736

Ion Ratio Lower Upper

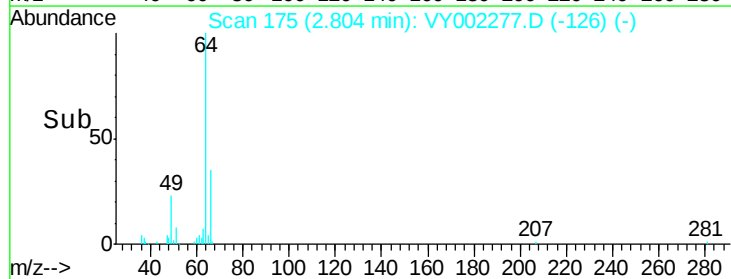
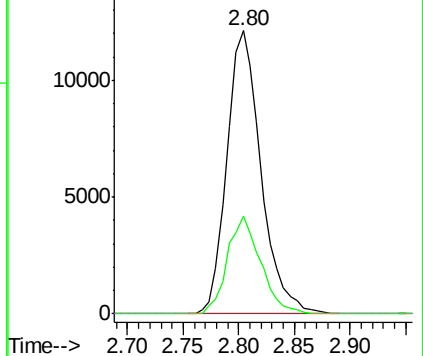
64 100

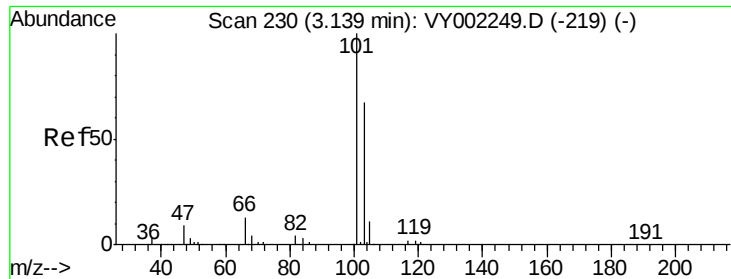
66 34.7 24.6 37.0



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

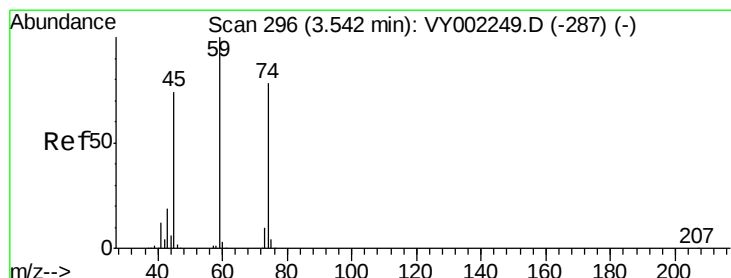
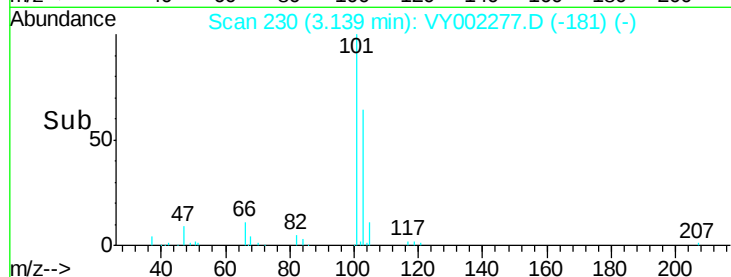
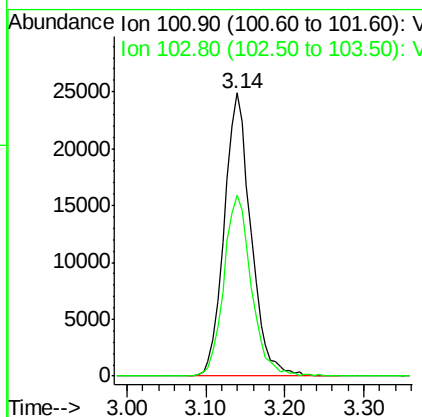
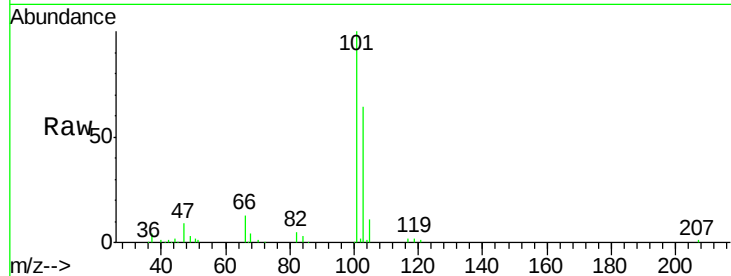
Trichlorofluoromethane
Concen: 18.015 ug/l
RT: 3.14 min Scan# 230
Delta R.T. -0.00 min
Lab File: VY002277.D
Acq: 13 Apr 2020 14:11

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ClientSampleId :
VY0413SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.8	53.3	79.9

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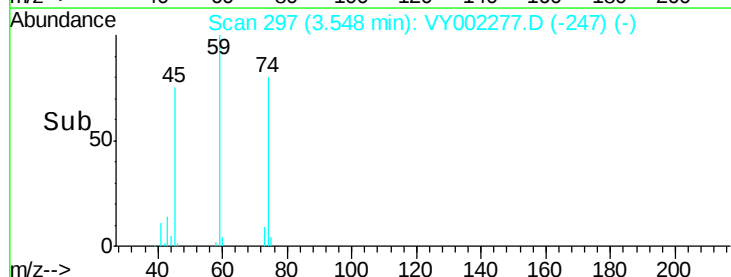
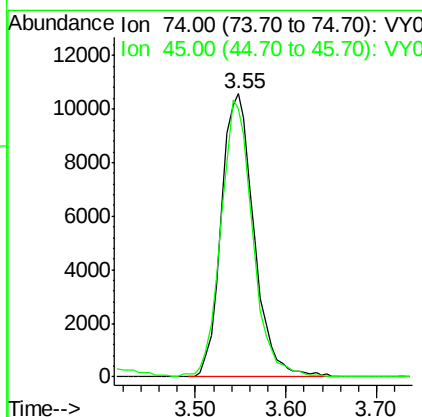
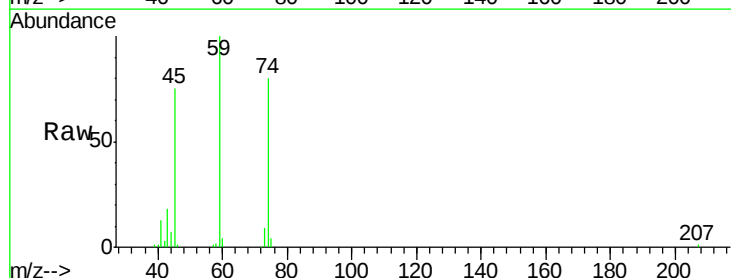
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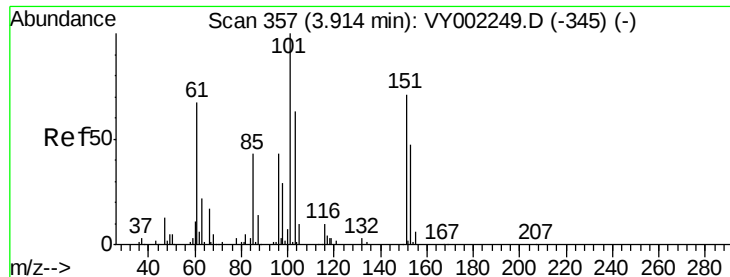


#8

Diethyl Ether
Concen: 19.106 ug/l
RT: 3.55 min Scan# 297
Delta R.T. 0.01 min
Lab File: VY002277.D
Acq: 13 Apr 2020 14:11

Tgt Ion	Ratio	Lower	Upper
74	100		
45	95.3	48.0	144.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.479 ug/l

RT: 3.92 min Scan# 358

Delta R.T. 0.01 min

Lab File: VY002277.D

Acq: 13 Apr 2020 14:11

Instrument :

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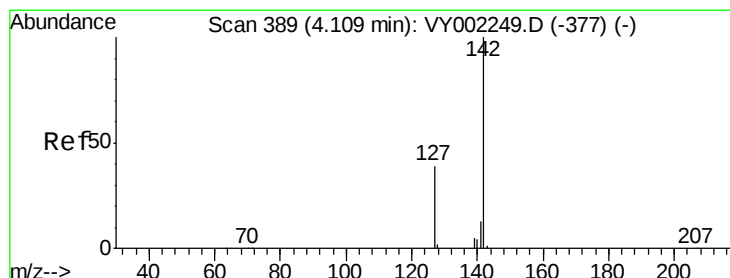
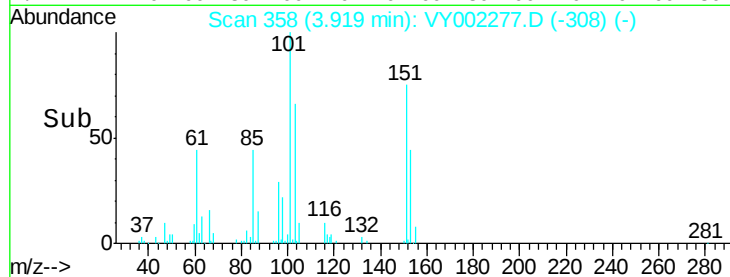
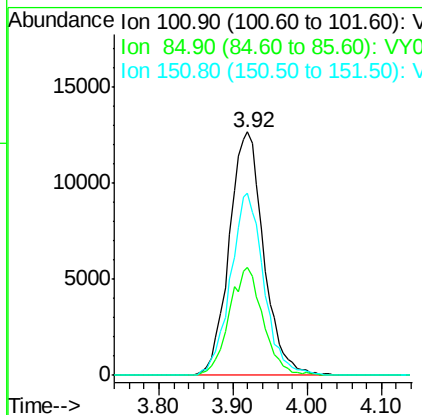
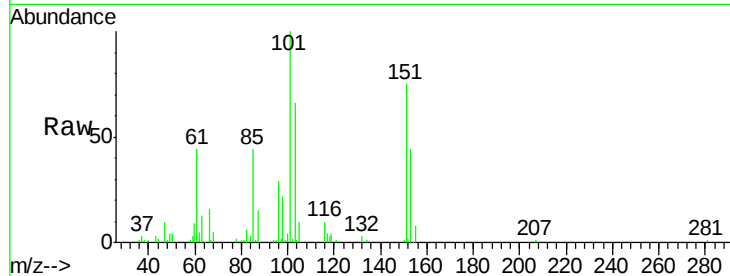
ClientSampleId :

VY0413SBS01

Tot Ion:	101	Resp:	40852
Ion Ratio	Lower	Upper	
101	100		
85	43.7	34.6	52.0
151	72.4	57.6	86.4

Manual Integrations
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#10

Methyl Iodide

Concen: 17.341 ug/l

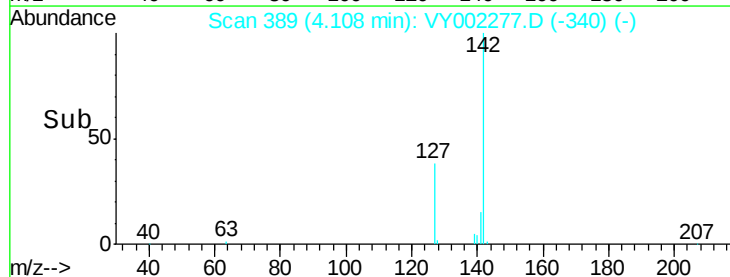
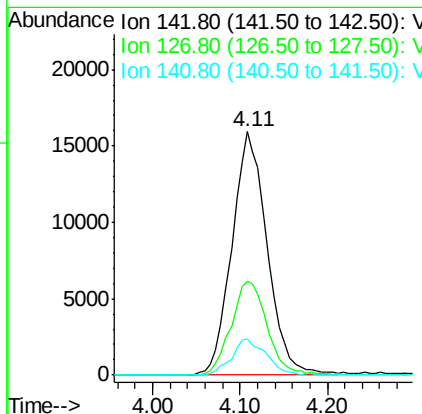
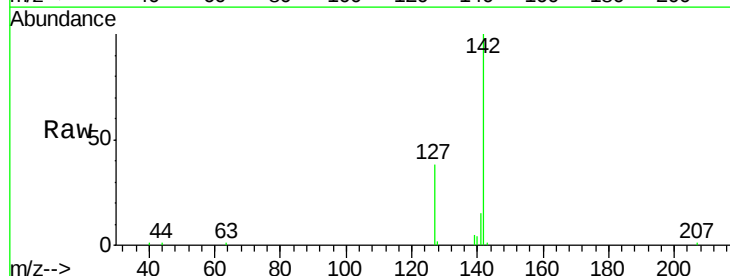
RT: 4.11 min Scan# 389

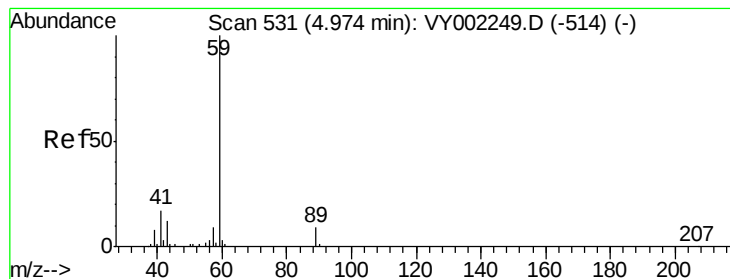
Delta R.T. -0.00 min

Lab File: VY002277.D

Acq: 13 Apr 2020 14:11

Tgt Ion:	142	Resp:	44562
Ion Ratio	Lower	Upper	
142	100		
127	39.5	32.4	48.6
141	14.3	11.2	16.8





#11

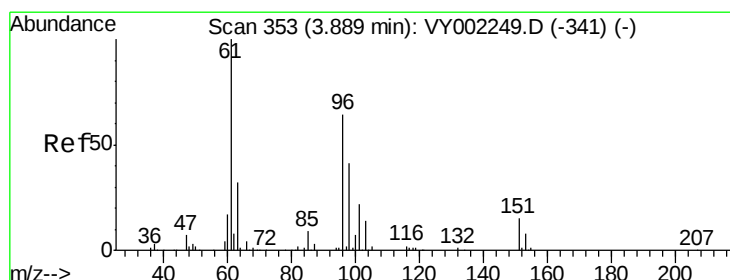
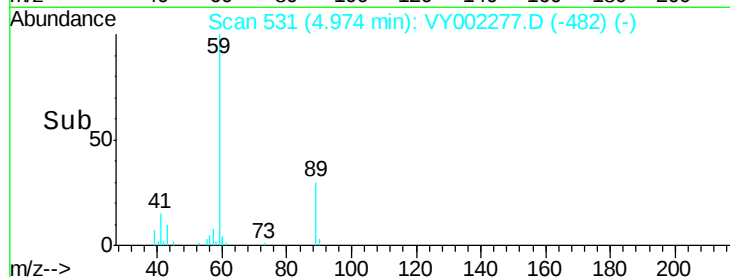
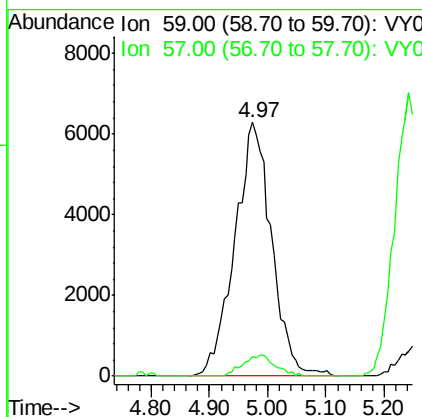
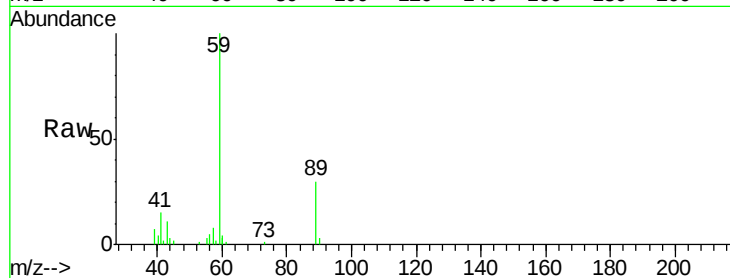
Tert butyl alcohol
Concen: 105.313 ug/l
RT: 4.97 min Scan# 531
Delta R.T. 0.00 min
Lab File: VY002277.D
Acq: 13 Apr 2020 14:11

Instrument :
MSVOA_Y
ClientSampleId :
VY0413SBS01

Tot Ion	59	Resp	27496
Ion Ratio	100	Lower	Upper
57	7.3	6.6	9.8

Manual Integrations
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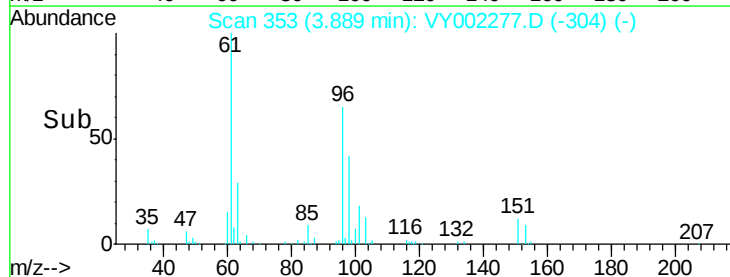
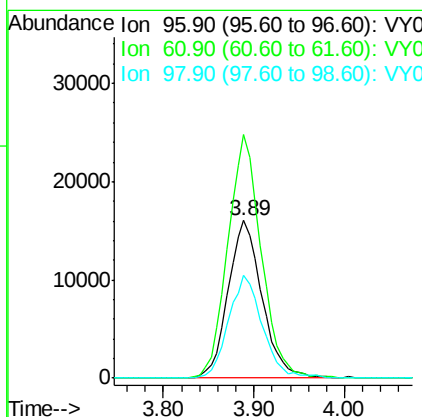
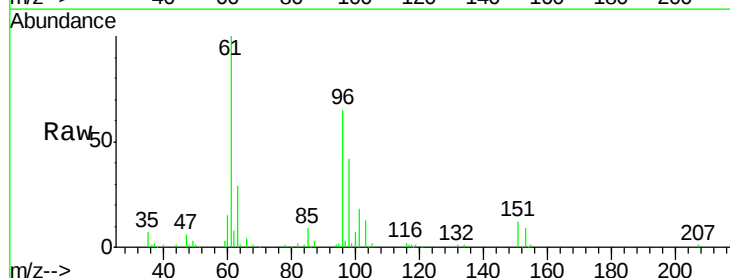
MMDadoda
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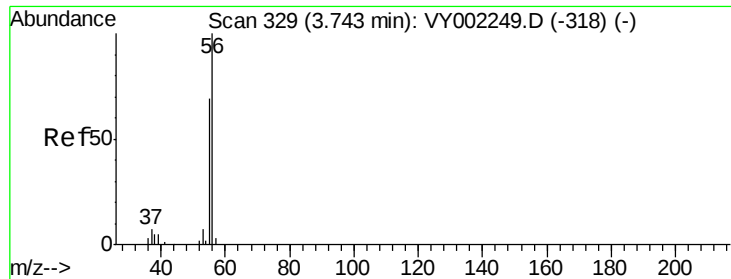


#12

1,1-Dichloroethene
Concen: 18.552 ug/l
RT: 3.89 min Scan# 353
Delta R.T. -0.00 min
Lab File: VY002277.D
Acq: 13 Apr 2020 14:11

Tgt Ion	96	Resp	41696
Ion Ratio	100	Lower	Upper
61	154.5	125.9	188.9
98	65.4	51.1	76.7





#13

Acrolein

Concen: 91.551 ug/l

RT: 3.75 min Scan# 330

Delta R.T. 0.01 min

Lab File: VY002277.D

Acq: 13 Apr 2020 14:11

Instrument :

MSVOA_Y

ClientSampleId :

VY0413SBS01

Tot Ion: 56 Resp: 24435

Ion Ratio Lower Upper

56 100

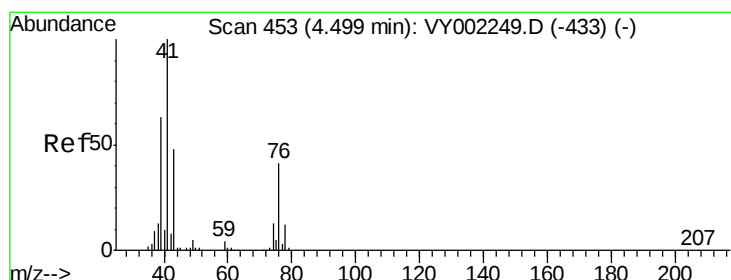
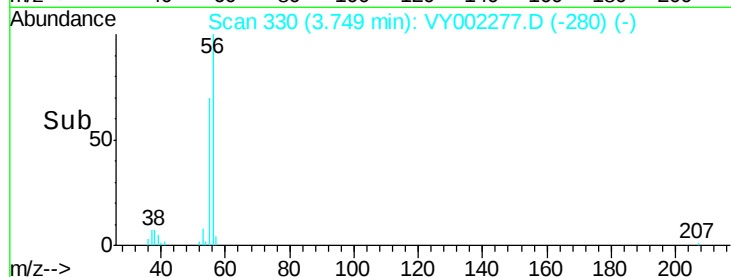
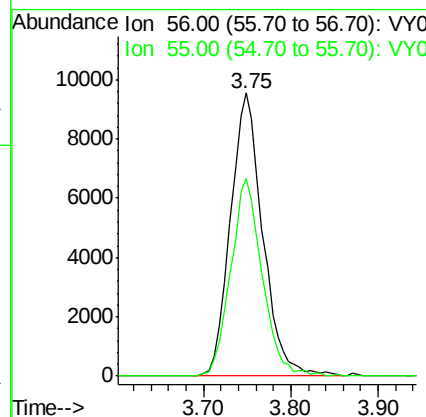
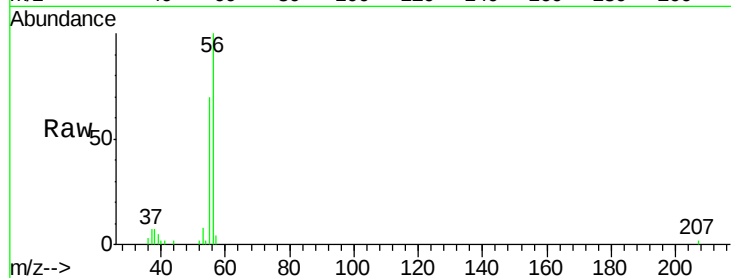
55 68.1 55.8 83.8

Manual Integrations

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#14

Allyl chloride

Concen: 18.708 ug/l

RT: 4.50 min Scan# 454

Delta R.T. 0.01 min

Lab File: VY002277.D

Acq: 13 Apr 2020 14:11

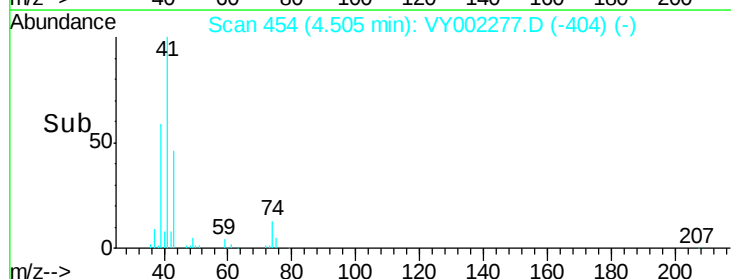
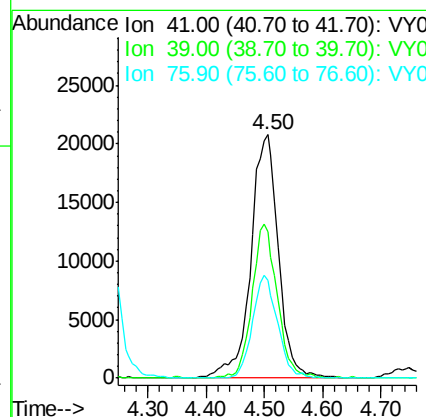
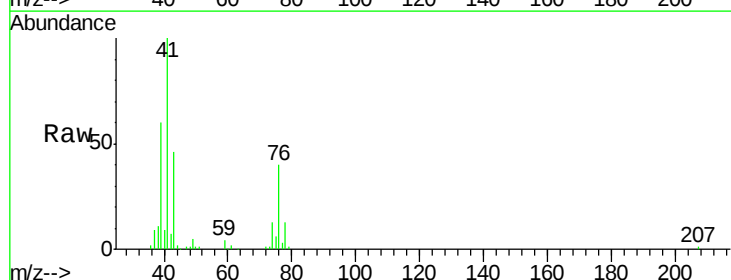
Tgt Ion: 41 Resp: 67899

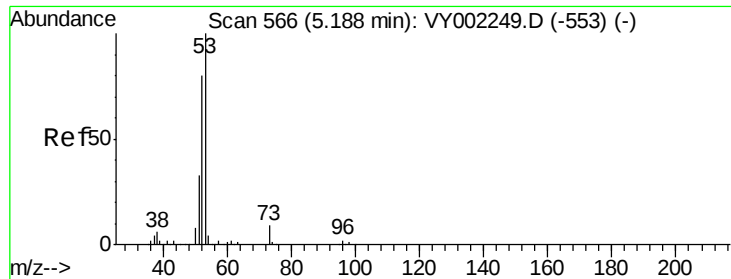
Ion Ratio Lower Upper

41 100

39 57.8 48.0 72.0

76 38.4 31.0 46.6





#15

Acrylonitrile

Concen: 94.942 ug/l

RT: 5.19 min Scan# 566

Delta R.T. -0.00 min

Lab File: VY002277.D

Acq: 13 Apr 2020 14:11

Instrument :

MSVOA_Y

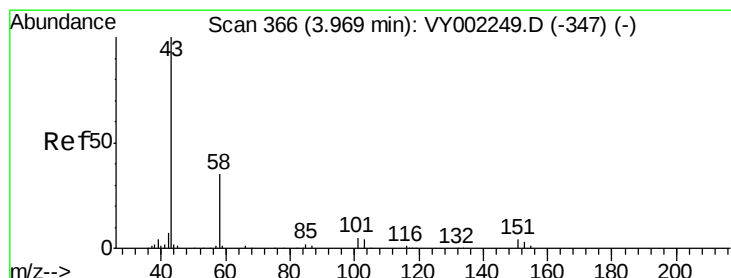
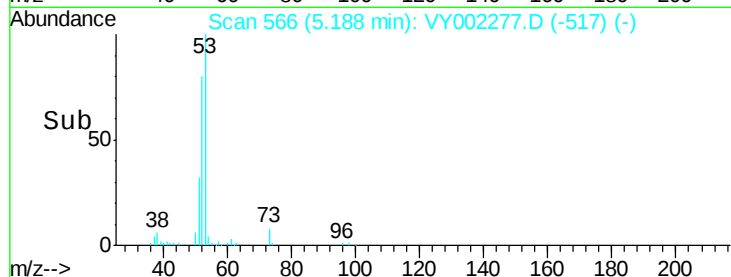
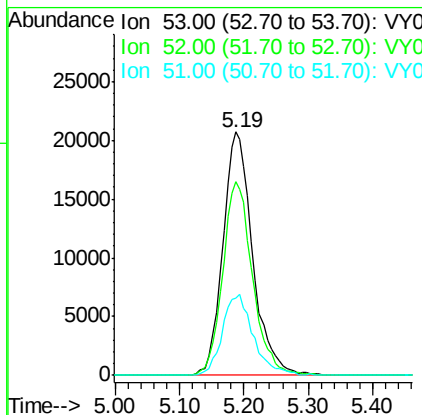
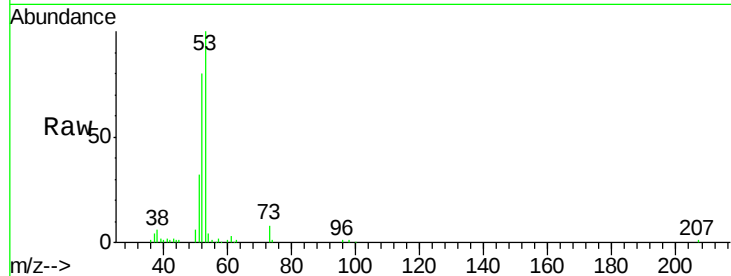
ClientSampleId :

VY0413SBS01

Tot Ion:	53	Resp:	67174
Ion	Ratio	Lower	Upper
53	100		
52	79.8	65.1	97.7
51	34.6	27.1	40.7

Manual Integrations
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#16

Acetone

Concen: 95.902 ug/l

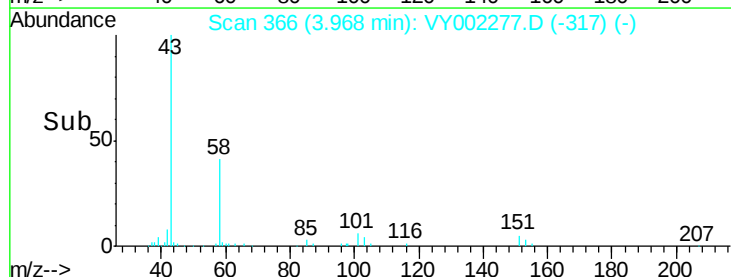
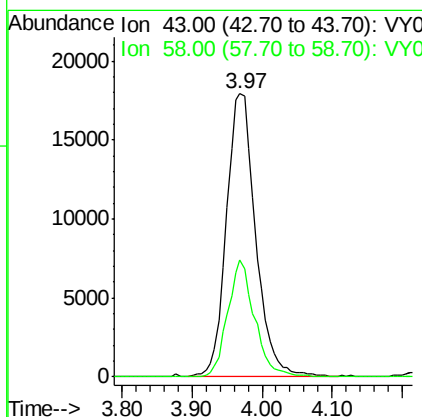
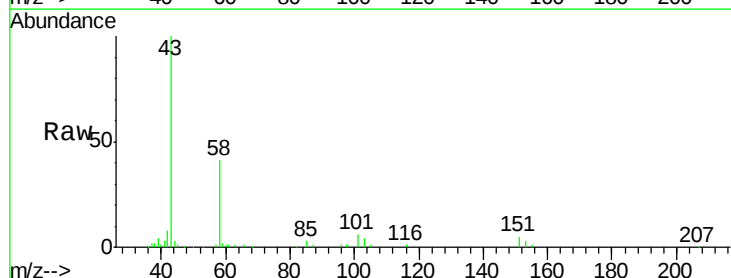
RT: 3.97 min Scan# 366

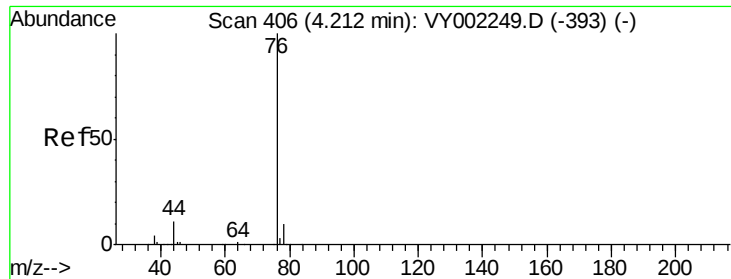
Delta R.T. -0.00 min

Lab File: VY002277.D

Acq: 13 Apr 2020 14:11

Tgt Ion:	43	Resp:	52286
Ion	Ratio	Lower	Upper
43	100		
58	41.1	28.5	42.7





#17

Carbon Disulfide

Concen: 18.554 ug/l

RT: 4.21 min Scan# 406

Delta R.T. -0.00 min

Lab File: VY002277.D

Acq: 13 Apr 2020 14:11

Instrument :

MSVOA_Y

ClientSampleId :

VY0413SBS01

Tot Ion: 76 Resp: 138495

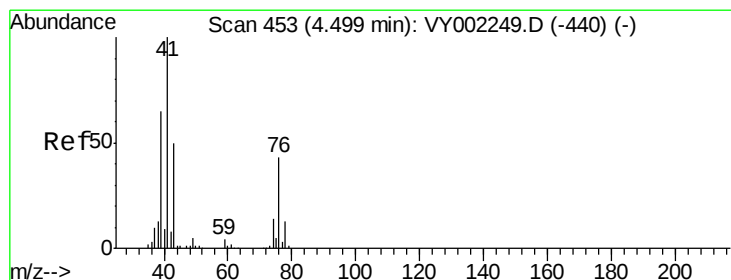
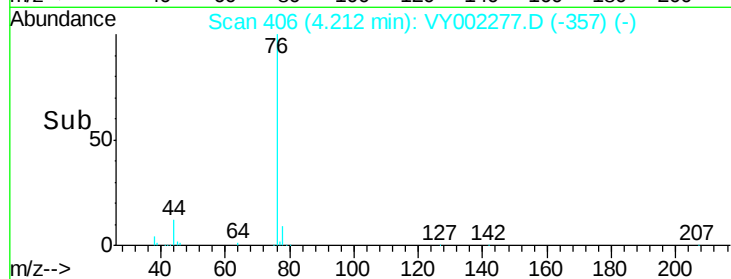
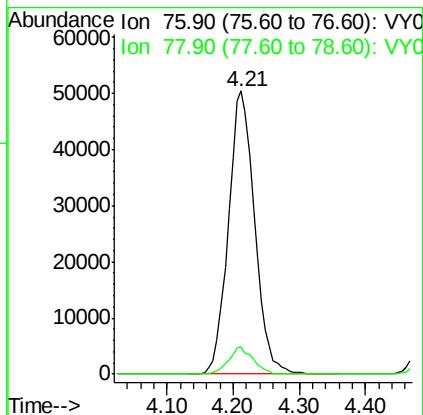
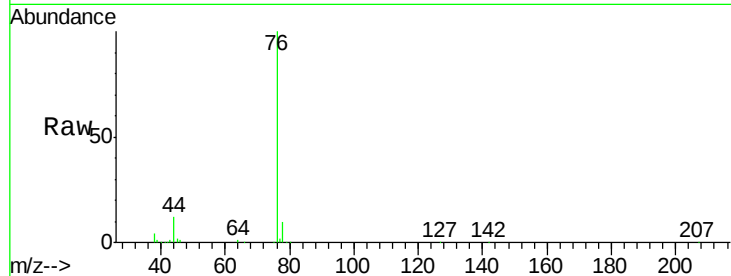
Ion Ratio Lower Upper

76 100

78 9.5 7.7 11.5

Manual Integrations
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#18

Methyl Acetate

Concen: 18.627 ug/l

RT: 4.50 min Scan# 453

Delta R.T. -0.00 min

Lab File: VY002277.D

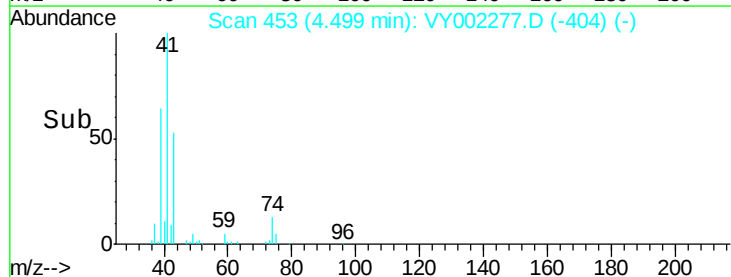
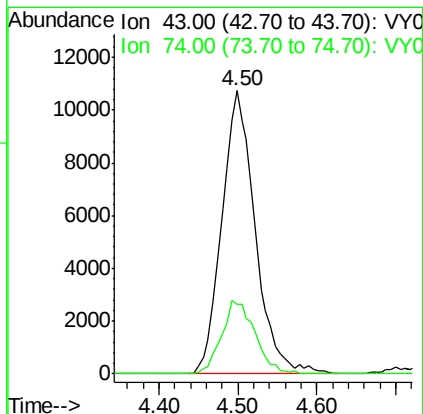
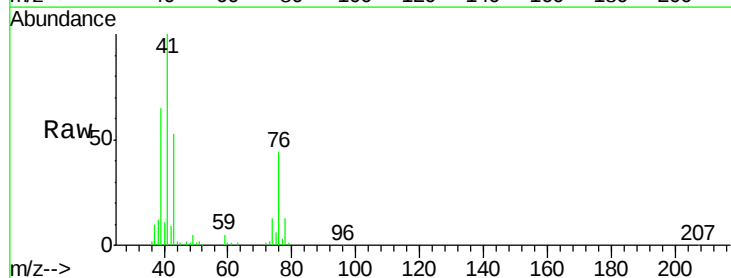
Acq: 13 Apr 2020 14:11

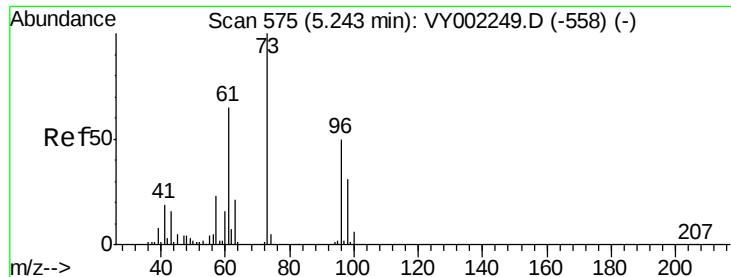
Tgt Ion: 43 Resp: 31501

Ion Ratio Lower Upper

43 100

74 25.8 20.3 30.5





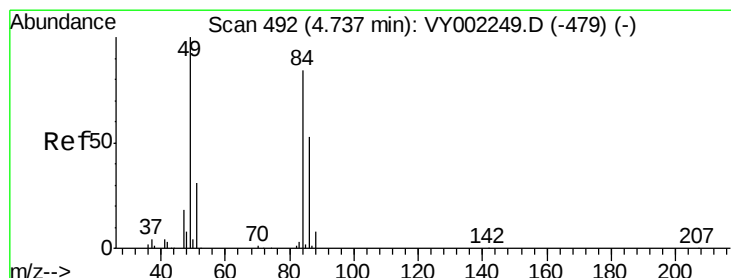
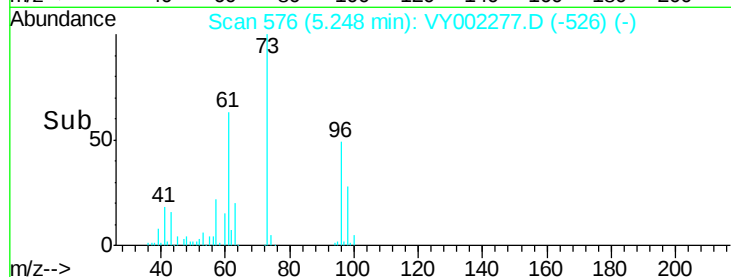
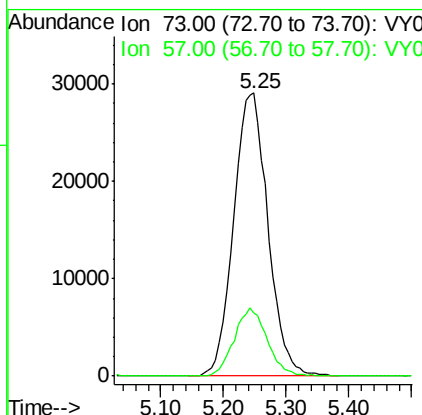
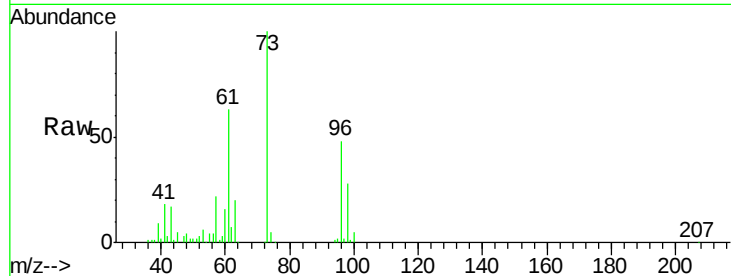
#19
Methvl tert-butvl Ether
Concen: 18.597 ug/l
RT: 5.25 min Scan# 576
Delta R.T. 0.01 min
Lab File: VY002277.D
Acq: 13 Apr 2020 14:11

Instrument :
MSVOA_Y
ClientSampleId :
VY0413SBS01

Tot Ion: 73 Resp: 109887
Ion Ratio Lower Upper
73 100
57 22.4 18.7 28.1

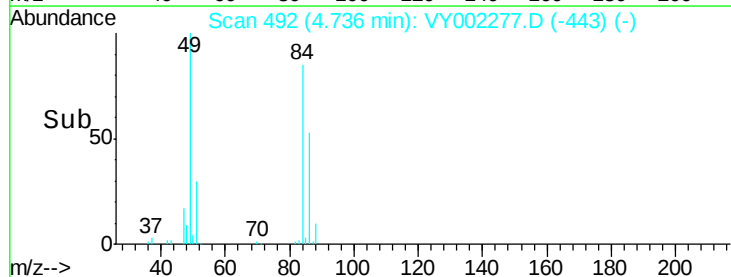
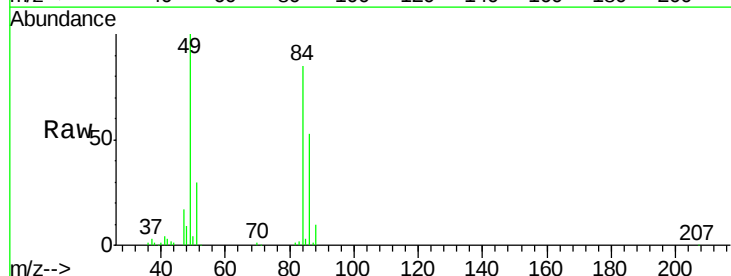
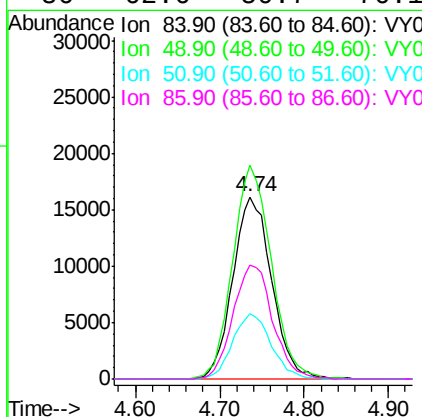
Manual Integrations
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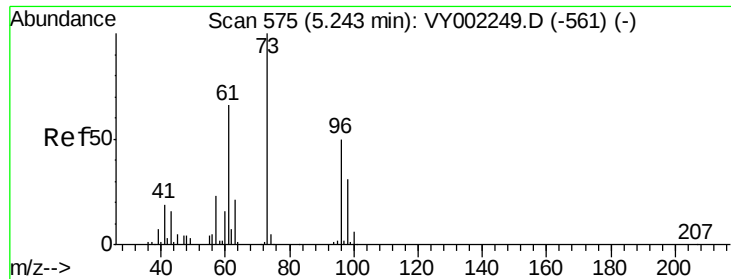
MMDadoda
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#20
Methylene Chloride
Concen: 18.854 ug/l
RT: 4.74 min Scan# 492
Delta R.T. -0.00 min
Lab File: VY002277.D
Acq: 13 Apr 2020 14:11

Tgt Ion: 84 Resp: 50524
Ion Ratio Lower Upper
84 100
49 117.4 95.5 143.3
51 35.7 29.5 44.3
86 62.6 50.7 76.1





#21

trans-1,2-Dichloroethene

Concen: 18.631 ug/l

RT: 5.24 min Scan# 575

Delta R.T. -0.00 min

Lab File: VY002277.D

Acq: 13 Apr 2020 14:11

Instrument :

MSVOA_Y

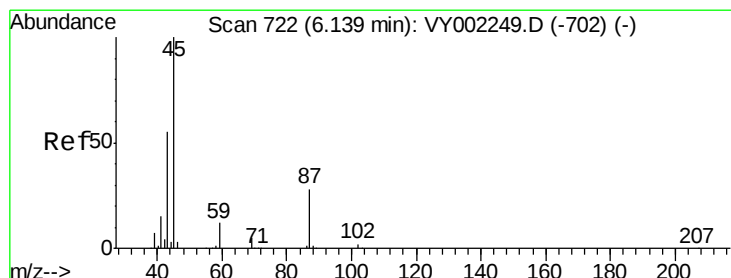
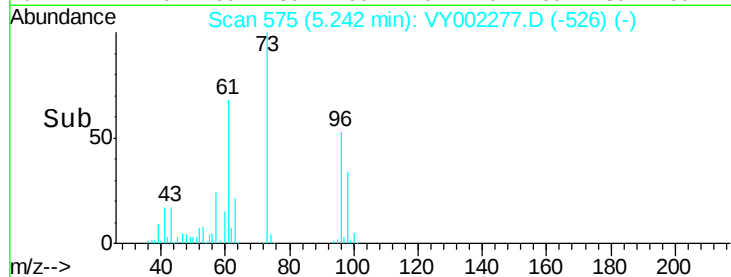
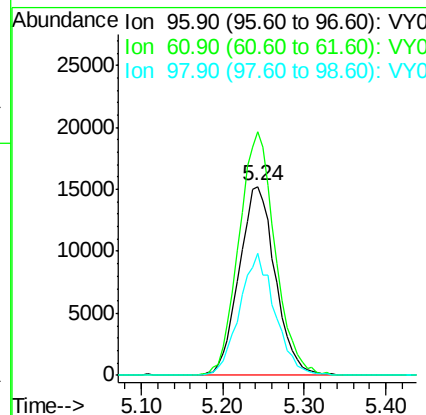
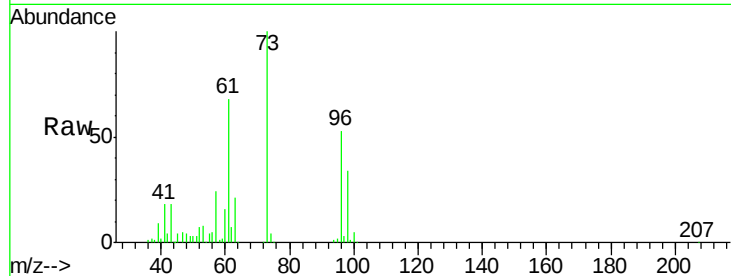
ClientSampleId :

VY0413SBS01

Tot Ion:	96	Resp:	47003
Ion	Ratio	Lower	Upper
96	100		
61	128.7	104.6	157.0
98	64.4	50.1	75.1

Manual Integrations
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#22

Diisopropyl ether

Concen: 18.716 ug/l

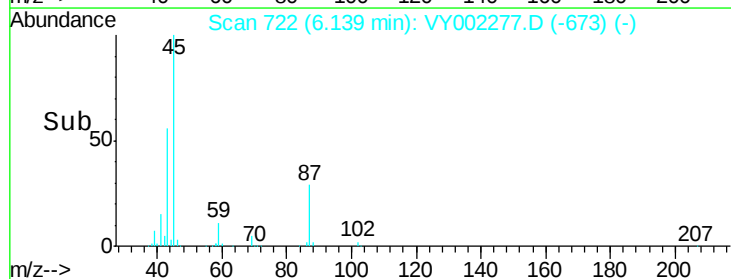
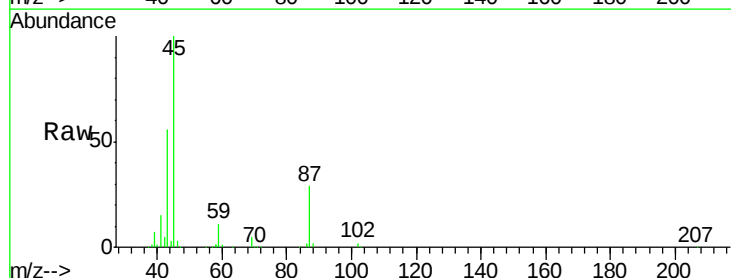
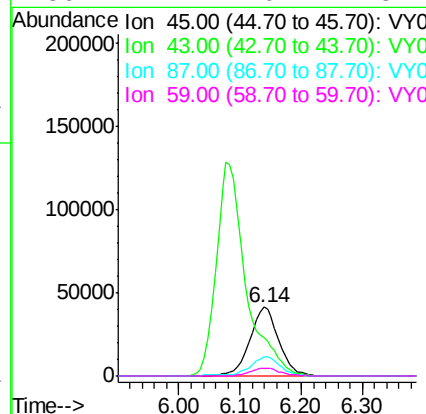
RT: 6.14 min Scan# 722

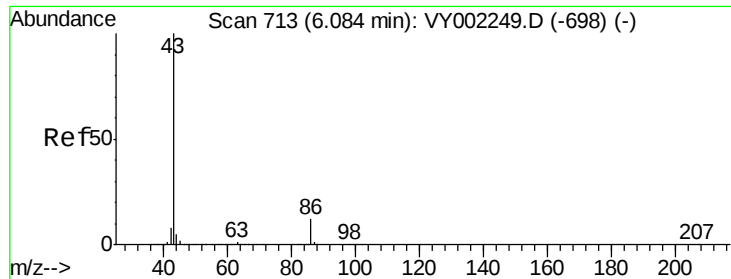
Delta R.T. -0.00 min

Lab File: VY002277.D

Acq: 13 Apr 2020 14:11

Tgt Ion:	45	Resp:	136703
Ion	Ratio	Lower	Upper
45	100		
43	55.5	44.7	67.1
87	28.6	23.0	34.4
59	11.4	10.1	15.1





#23

Vinyl Acetate

Concen: 93.446 ug/l

RT: 6.08 min Scan# 712

Delta R.T. -0.01 min

Lab File: VY002277.D

Acq: 13 Apr 2020 14:11

Instrument :

MSVOA_Y

ClientSampleId :

VY0413SBS01

Tot Ion: 43 Resp: 434954

Ion Ratio Lower Upper

43 100

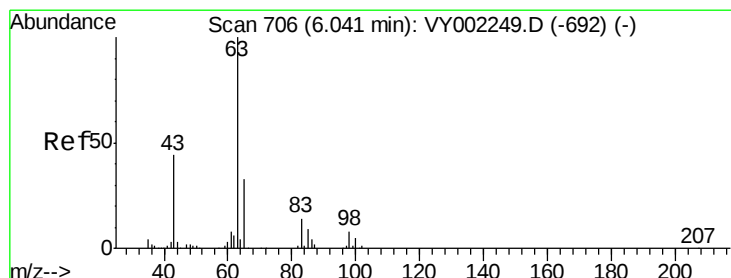
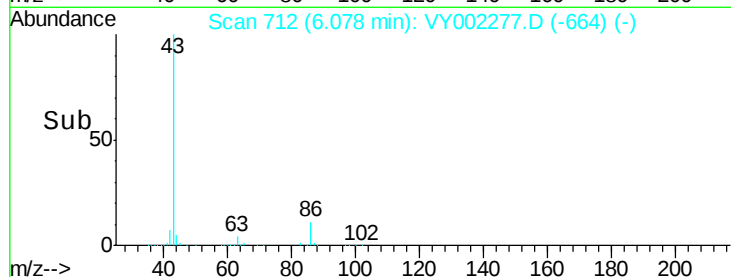
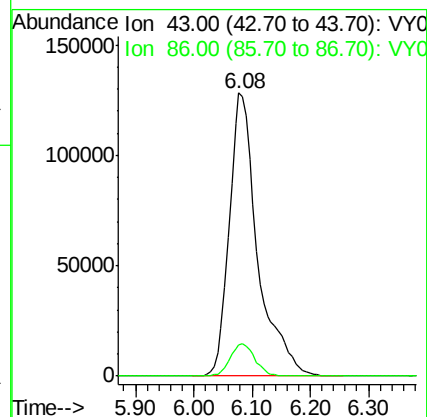
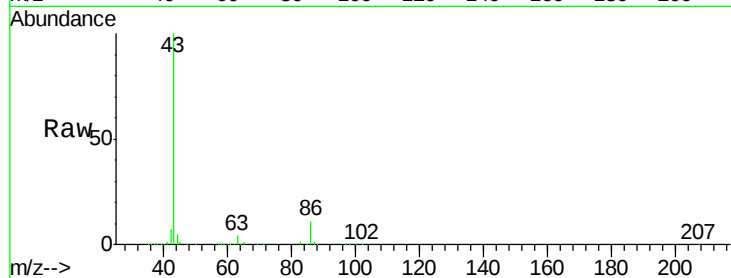
86 11.1 9.2 13.8

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 18.601 ug/l

RT: 6.03 min Scan# 705

Delta R.T. -0.01 min

Lab File: VY002277.D

Acq: 13 Apr 2020 14:11

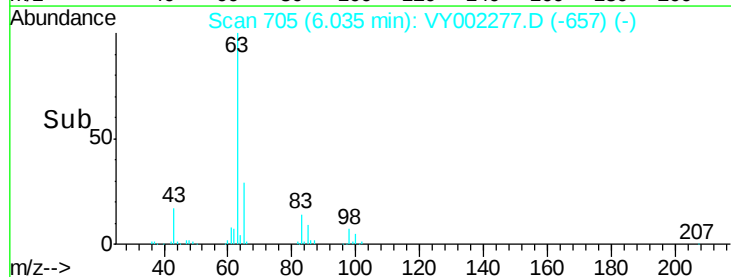
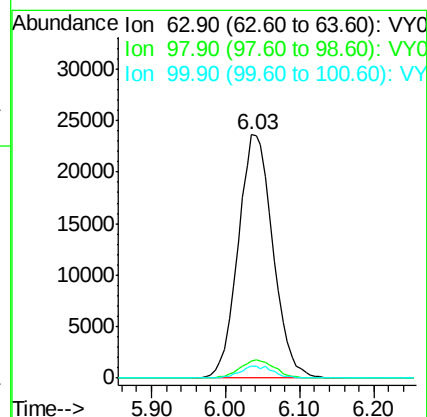
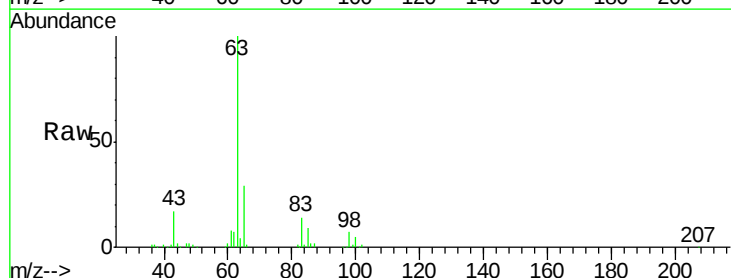
Tgt Ion: 63 Resp: 77277

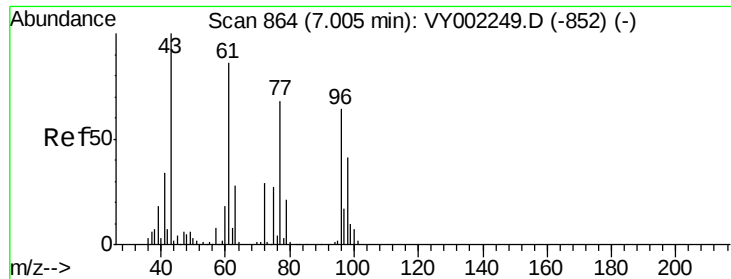
Ion Ratio Lower Upper

63 100

98 7.0 4.0 12.0

100 4.8 2.4 7.1





#25

2-Butanone

Concen: 94.444 ug/l

RT: 7.00 min Scan# 864

Delta R.T. -0.00 min

Lab File: VY002277.D

Acq: 13 Apr 2020 14:11

Instrument :

MSVOA_Y

ClientSampleId :

VY0413SBS01

Tot Ion: 43 Resp: 81487

Ion Ratio Lower Upper

43 100

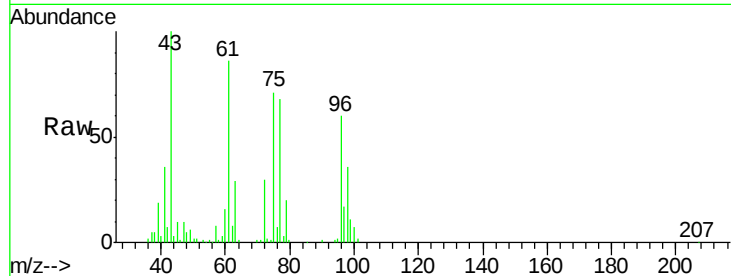
72 30.0 23.2 34.8

Manual Integrations

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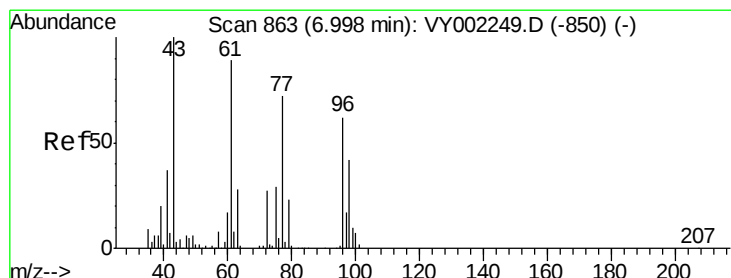
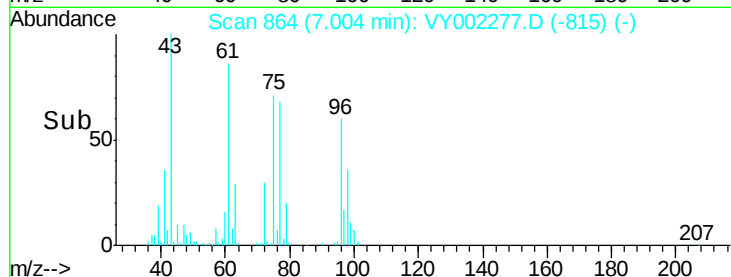
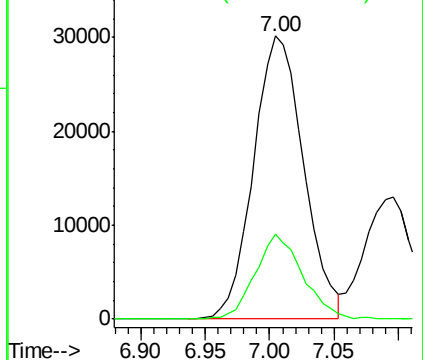
MMDadoda

4/14/2020 10:01:50 AM



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0



#26

2,2-Dichloropropane

Concen: 18.206 ug/l

RT: 7.00 min Scan# 863

Delta R.T. -0.00 min

Lab File: VY002277.D

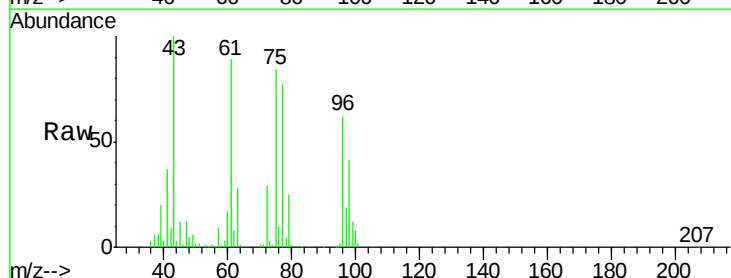
Acq: 13 Apr 2020 14:11

Tgt Ion: 77 Resp: 63270

Ion Ratio Lower Upper

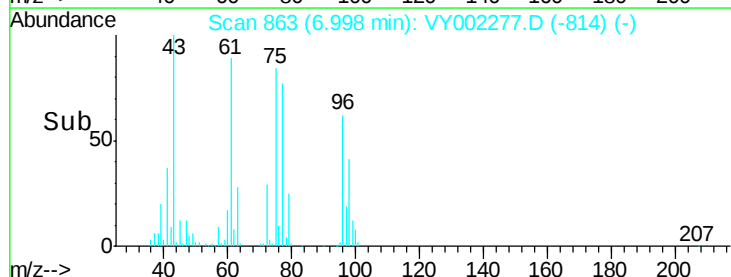
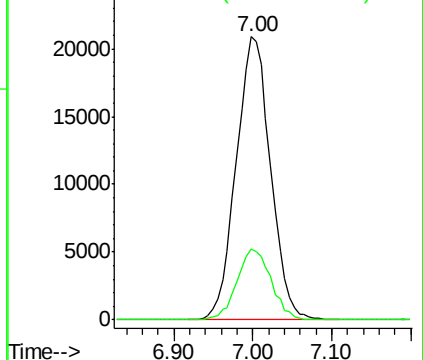
77 100

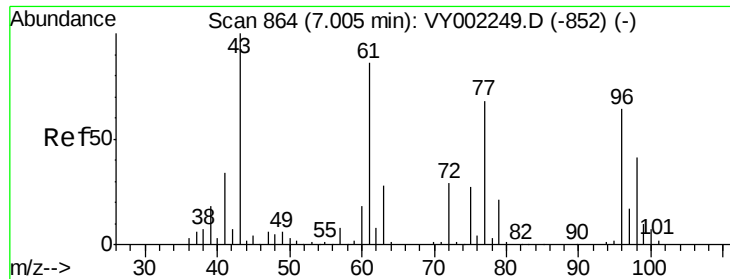
97 24.8 12.2 36.6



Abundance Ion 76.90 (76.60 to 77.60): VY0

Ion 96.90 (96.60 to 97.60): VY0





#27

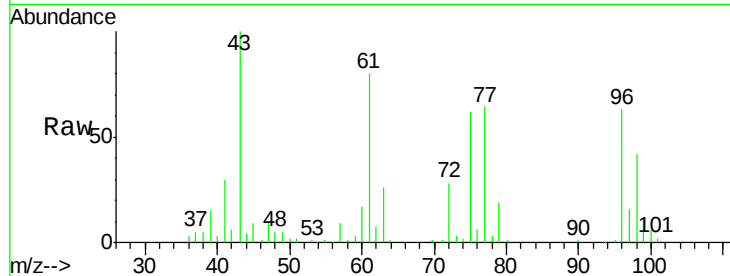
cis-1,2-Dichloroethene
Concen: 18.388 ug/l
RT: 7.01 min Scan# 865
Delta R.T. 0.01 min
Lab File: VY002277.D
Acq: 13 Apr 2020 14:11

Instrument :
MSVOA_Y
ClientSampleId :
VY0413SBS01

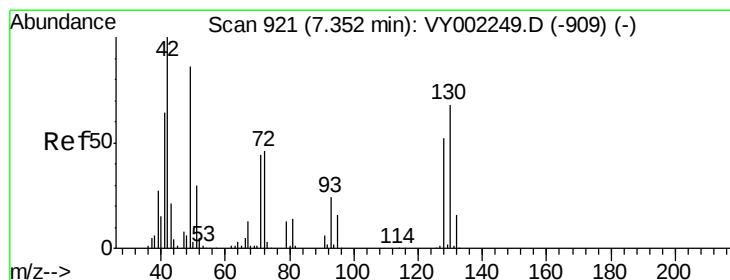
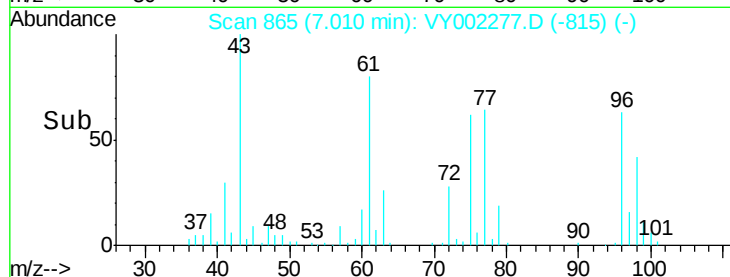
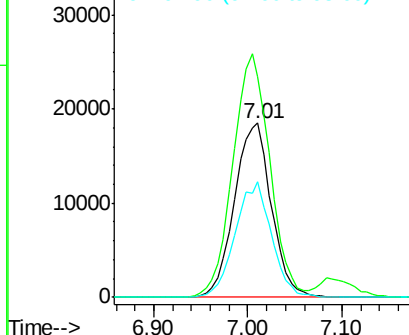
Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	140.2	0.0	278.0	
98	65.0	0.0	128.6	

Manual Integrations
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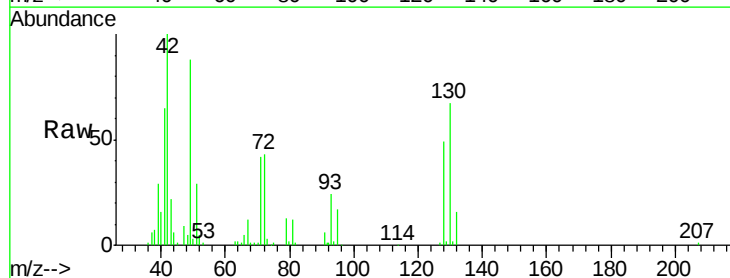
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



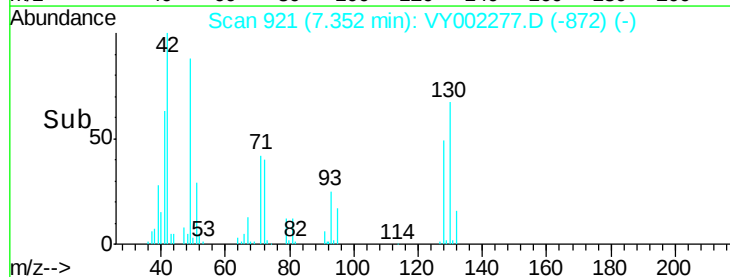
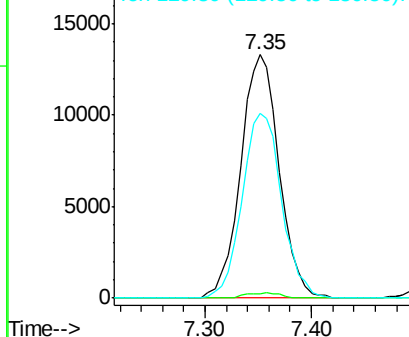
#28

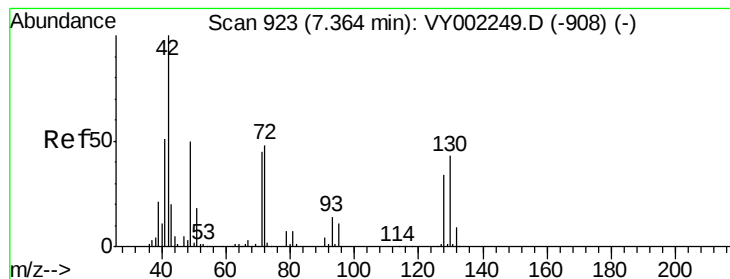
Bromochloromethane
Concen: 18.761 ug/l
RT: 7.35 min Scan# 921
Delta R.T. -0.00 min
Lab File: VY002277.D
Acq: 13 Apr 2020 14:11

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	1.9	0.0	4.2	
130	78.0	60.9	91.3	



Abundance Ion 48.90 (48.60 to 49.60): VY0
Ion 128.80 (128.50 to 129.50): VY0
Ion 129.80 (129.50 to 130.50): VY0





#29

Tetrahydrofuran

Concen: 93.685 ug/l

RT: 7.36 min Scan# 923

Delta R.T. -0.00 min

Lab File: VY002277.D

Acq: 13 Apr 2020 14:11

Instrument :

MSVOA_Y

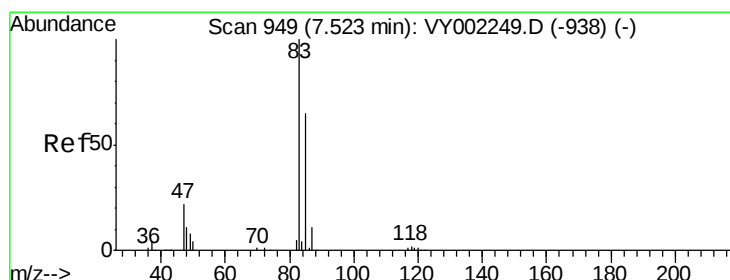
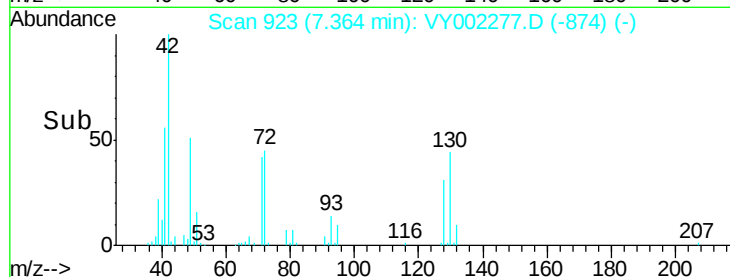
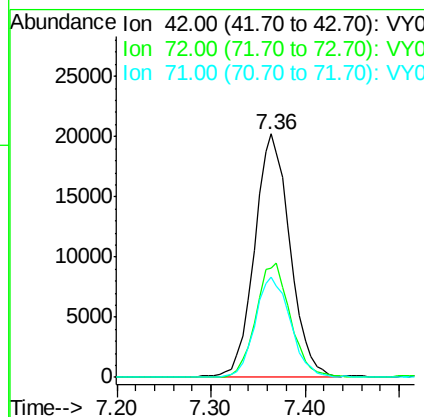
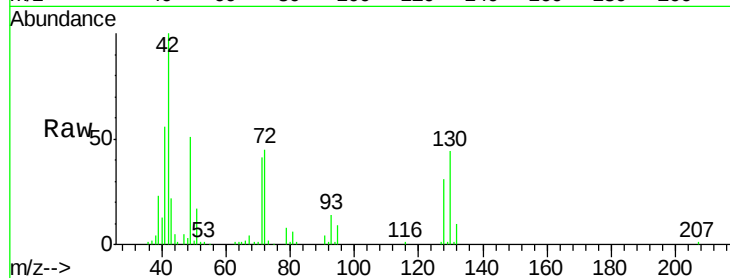
ClientSampleId :

VY0413SBS01

Tot Ion:	42	Resp:	53432
Ion	Ratio	Lower	Upper
42	100		
72	45.8	36.7	55.1
71	40.9	34.7	52.1

Manual Integrations
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4/14/2020 10:01:50 AM



#30

Chloroform

Concen: 18.482 ug/l

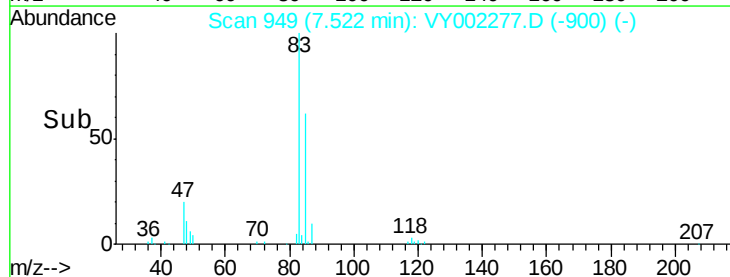
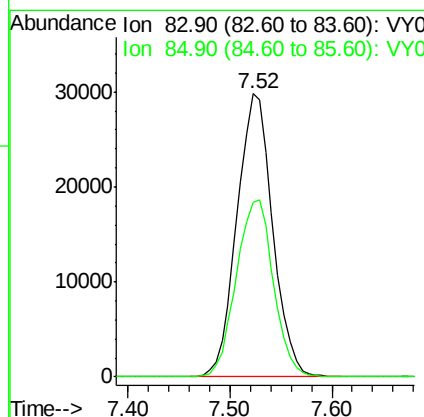
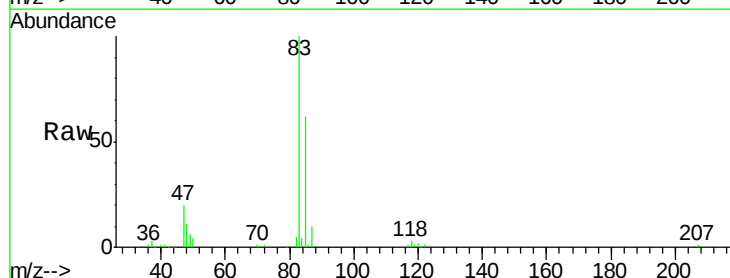
RT: 7.52 min Scan# 949

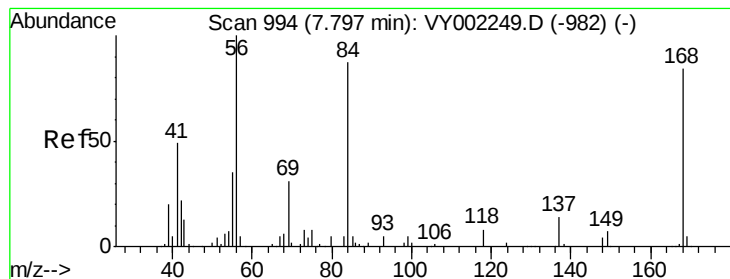
Delta R.T. -0.00 min

Lab File: VY002277.D

Acq: 13 Apr 2020 14:11

Tgt Ion:	83	Resp:	72379
Ion	Ratio	Lower	Upper
83	100		
85	61.7	52.0	78.0





#31

Cyclohexane

Concen: 18.478 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

Lab File: VY002277.D

Acq: 13 Apr 2020 14:11

Instrument :

MSVOA_Y

ClientSampleId :

VY0413SBS01

Tot Ion: 56 Resp: 80580

Ion Ratio Lower Upper

56 100

69 37.7 25.0 37.6#

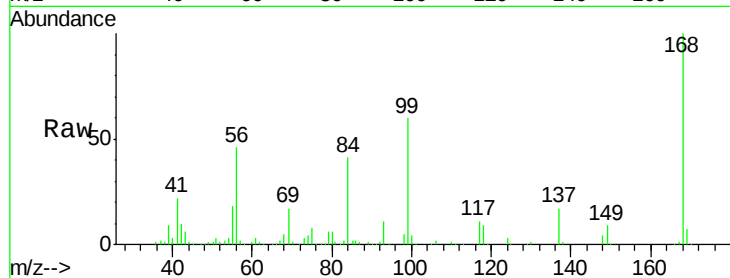
84 89.4 69.7 104.5

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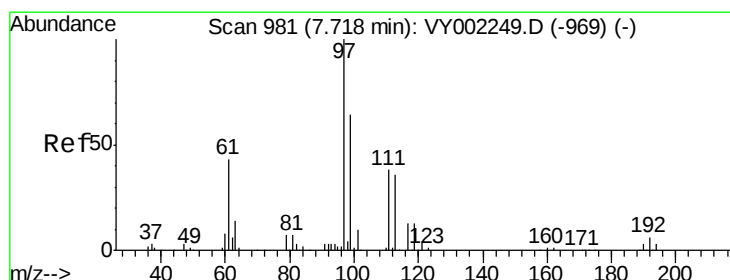
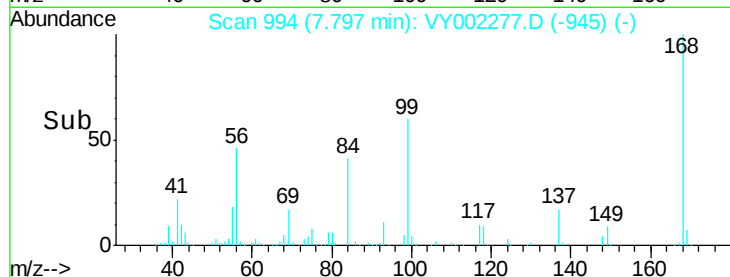
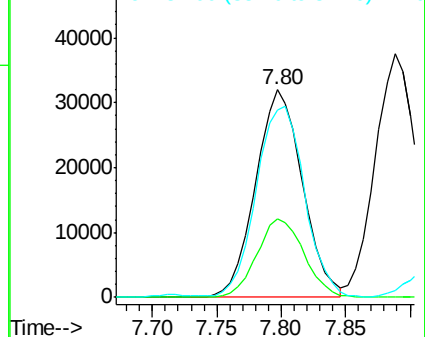


Abundance

Ion 56.00 (55.70 to 56.70): VY0

Ion 69.00 (68.70 to 69.70): VY0

Ion 84.00 (83.70 to 84.70): VY0



#32

1,1,1-Trichloroethane

Concen: 18.455 ug/l

RT: 7.72 min Scan# 981

Delta R.T. -0.00 min

Lab File: VY002277.D

Acq: 13 Apr 2020 14:11

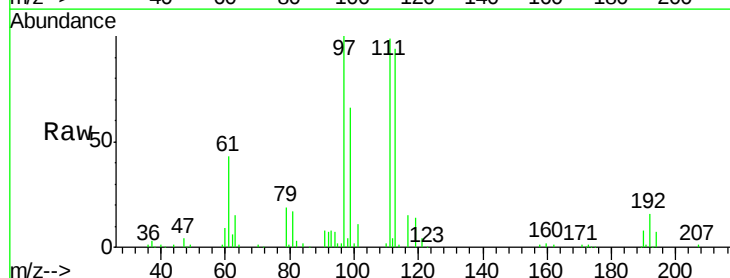
Tgt Ion: 97 Resp: 60156

Ion Ratio Lower Upper

97 100

99 66.0 51.3 76.9

61 43.5 34.3 51.5

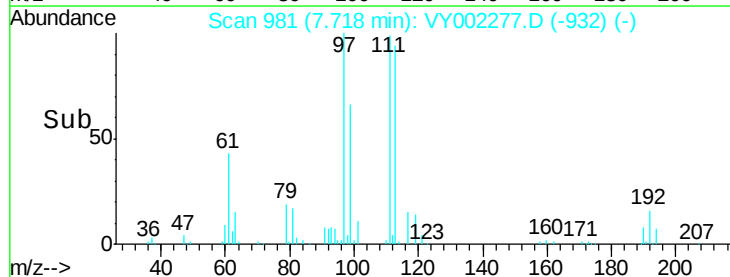
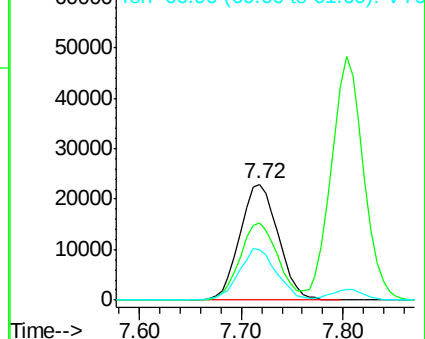


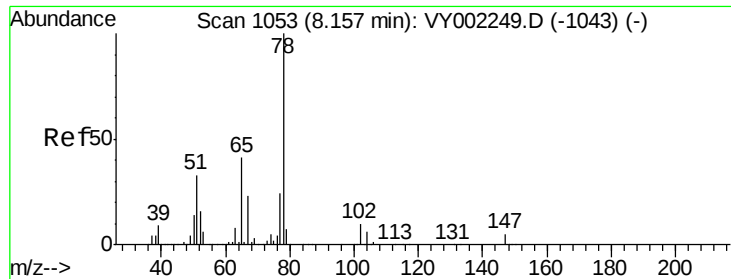
Abundance

Ion 96.90 (96.60 to 97.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

Ion 60.90 (60.60 to 61.60): VY0





#33

1,2-Dichloroethane-d4

Concen: 46.482 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. -0.00 min

Lab File: VY002277.D

Acq: 13 Apr 2020 14:11

Instrument :

MSVOA_Y

ClientSampleId :

VY0413SBS01

Tot Ion: 65 Resp: 96218

Ion Ratio Lower Upper

65 100

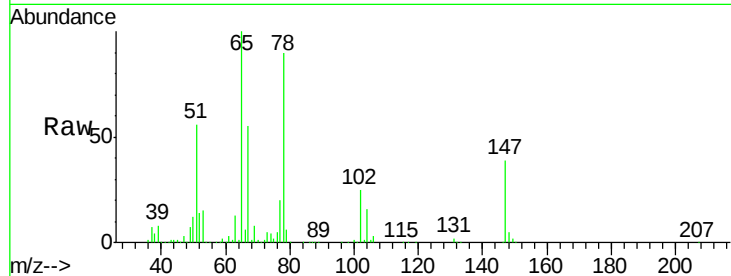
67 56.8 0.0 114.0

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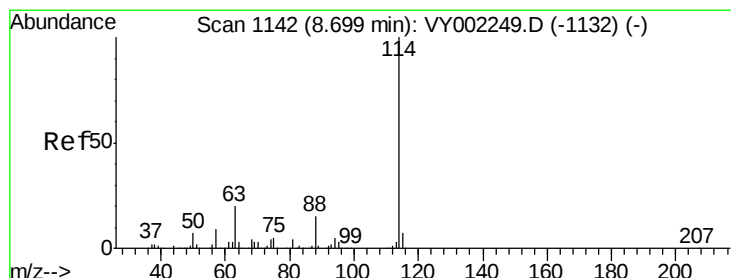
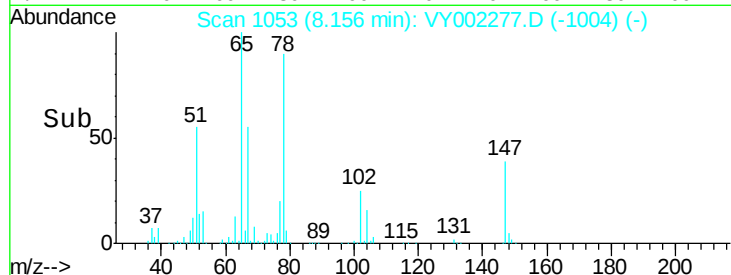
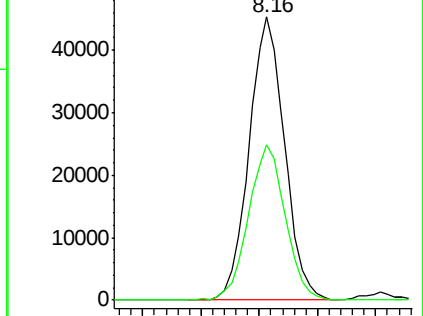
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Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. -0.00 min

Lab File: VY002277.D

Acq: 13 Apr 2020 14:11

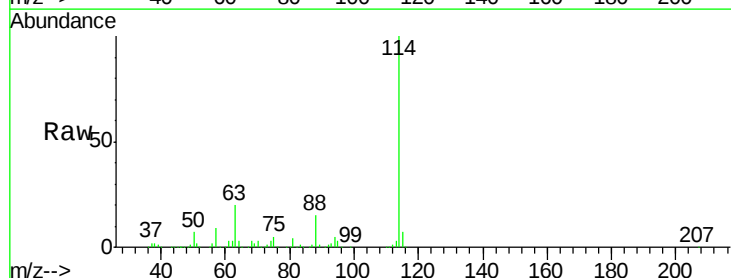
Tgt Ion: 114 Resp: 334541

Ion Ratio Lower Upper

114 100

63 20.3 0.0 39.0

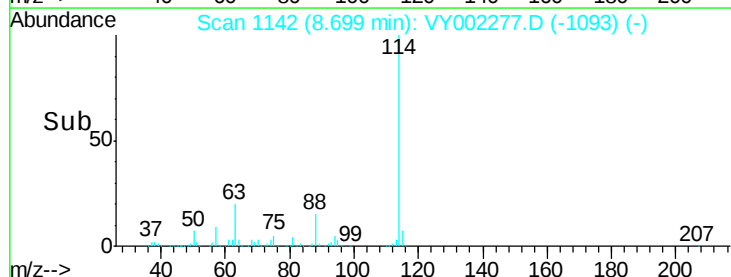
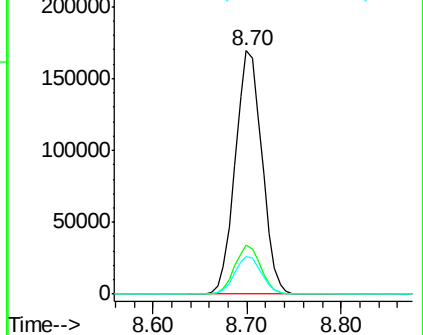
88 15.5 0.0 31.0

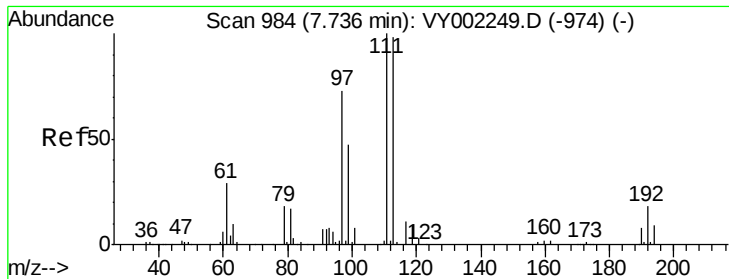


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0





#35

Dibromofluoromethane

Concen: 47.916 ug/l

RT: 7.74 min Scan# 984

Delta R.T. -0.00 min

Lab File: VY002277.D

Acq: 13 Apr 2020 14:11

Instrument :

MSVOA_Y

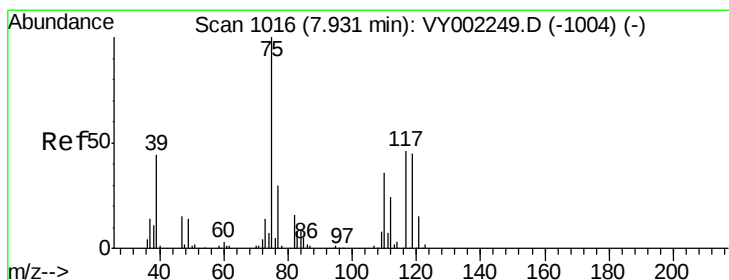
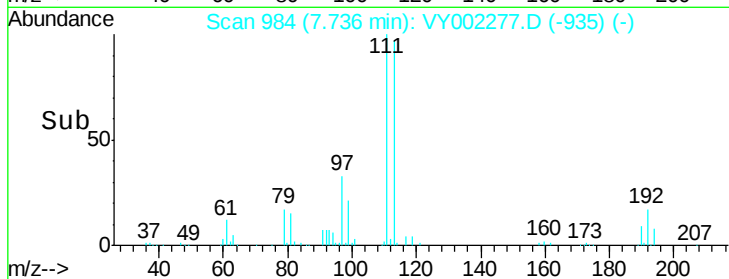
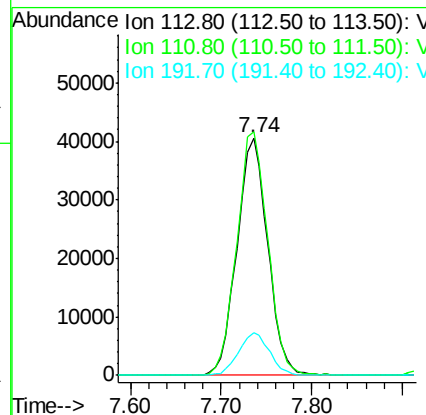
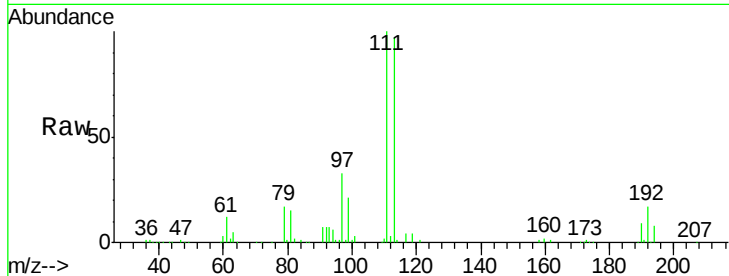
ClientSampleId :

VY0413SBS01

Tot Ion:	113	Resp:	95382
Ion	Ratio	Lower	Upper
113	100		
111	103.4	83.5	125.3
192	17.8	14.7	22.1

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 18.719 ug/l

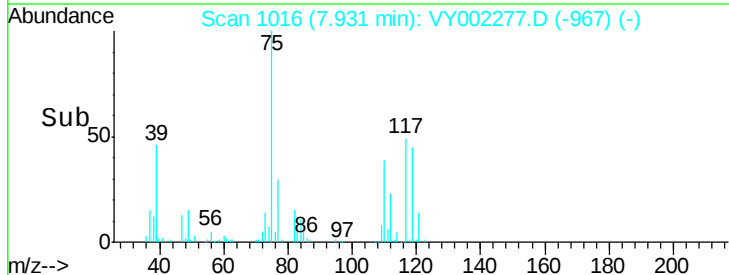
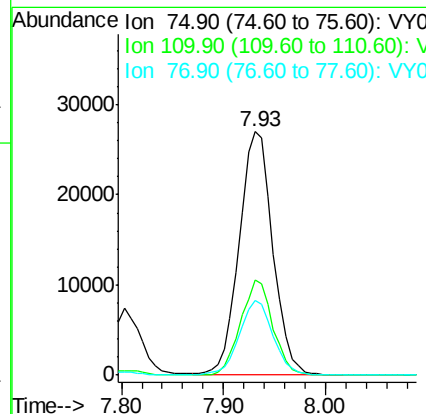
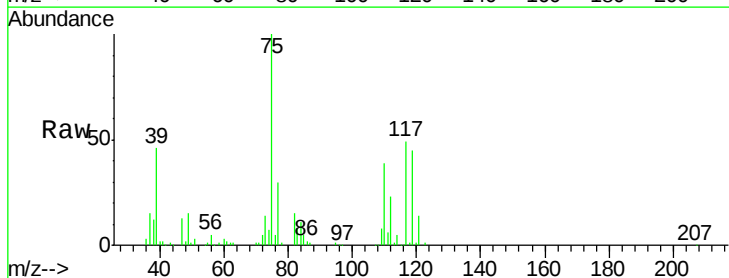
RT: 7.93 min Scan# 1016

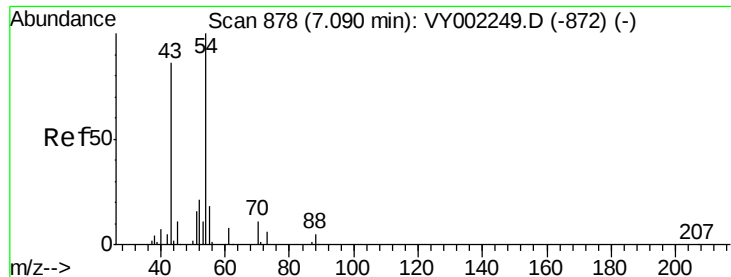
Delta R.T. -0.00 min

Lab File: VY002277.D

Acq: 13 Apr 2020 14:11

Tgt Ion:	75	Resp:	61682
Ion	Ratio	Lower	Upper
75	100		
110	37.2	17.8	53.3
77	30.7	24.4	36.6





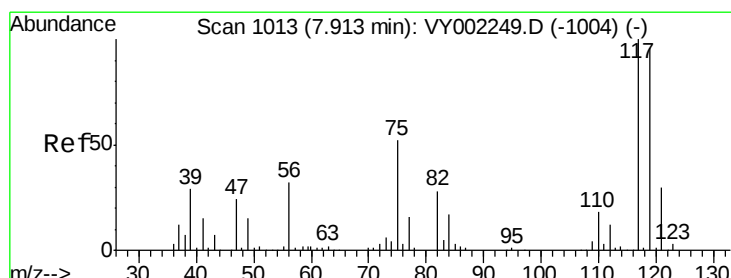
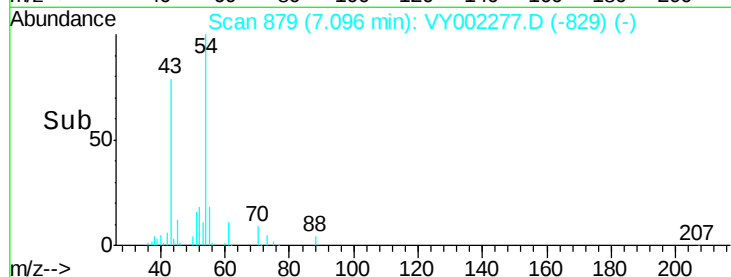
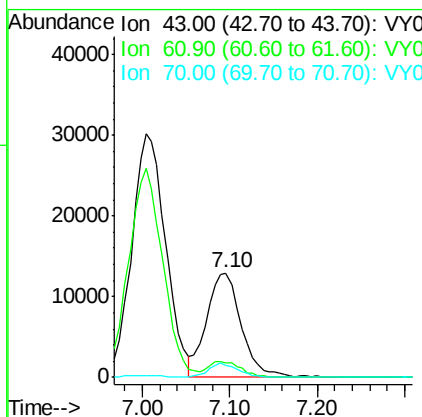
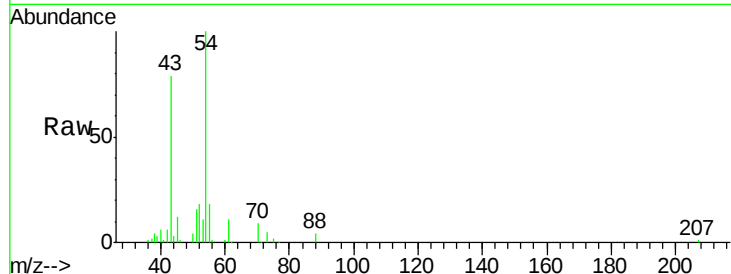
#37
Ethyl Acetate
Concen: 19.078 ug/l
RT: 7.10 min Scan# 879
Delta R.T. 0.01 min
Lab File: VY002277.D
Acq: 13 Apr 2020 14:11

Instrument :
MSVOA_Y
ClientSampleId :
VY0413SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.6	11.8	17.6
70	11.4	9.1	13.7

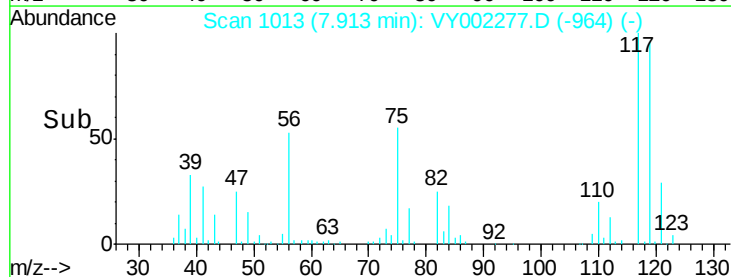
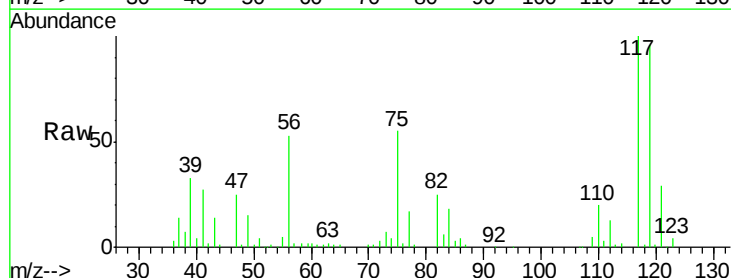
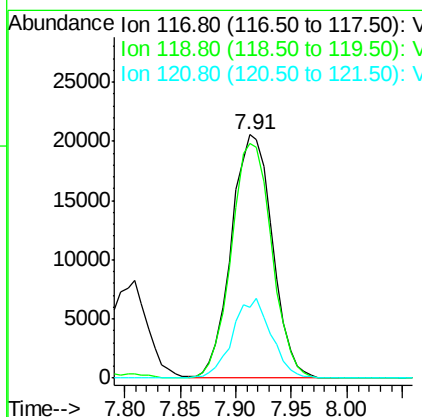
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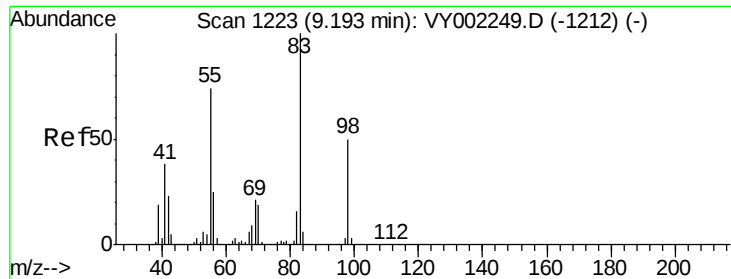
MMDadoda
4/14/2020 10:01:50 AM



#38
Carbon Tetrachloride
Concen: 18.713 ug/l
RT: 7.91 min Scan# 1013
Delta R.T. -0.00 min
Lab File: VY002277.D
Acq: 13 Apr 2020 14:11

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.1	77.1	115.7
121	29.0	23.9	35.9





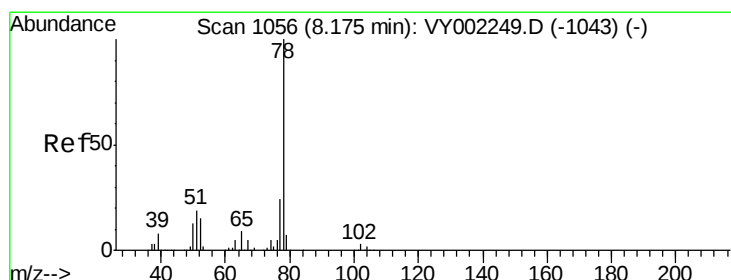
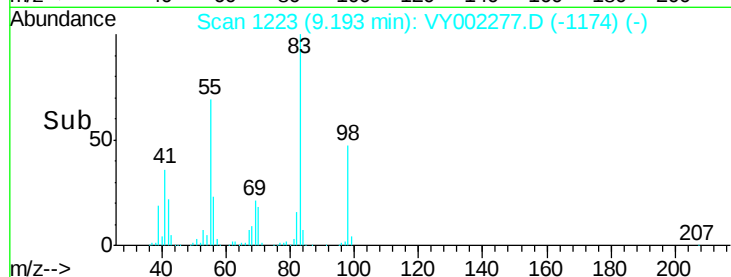
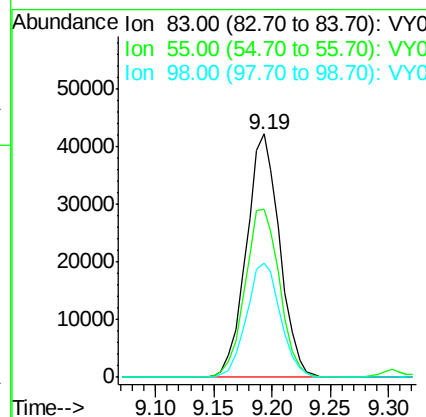
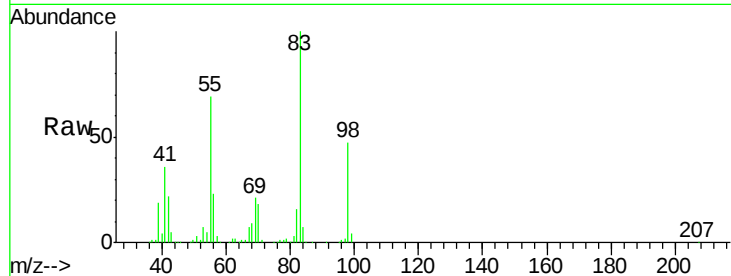
#39
Methylvlcvclohexane
Concen: 18.750 ug/l
RT: 9.19 min Scan# 1223
Delta R.T. -0.00 min
Lab File: VY002277.D
Acq: 13 Apr 2020 14:11

Instrument :
MSVOA_Y
ClientSampleId :
VY0413SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	68.8	59.3	88.9
98	47.0	39.6	59.4

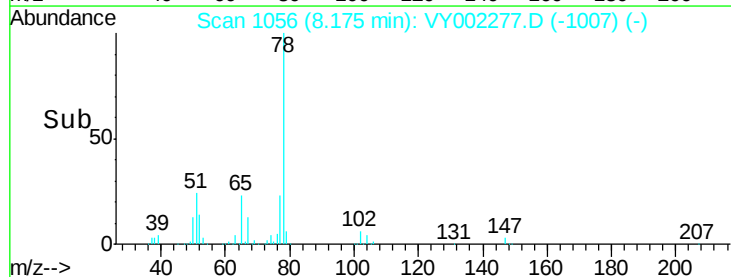
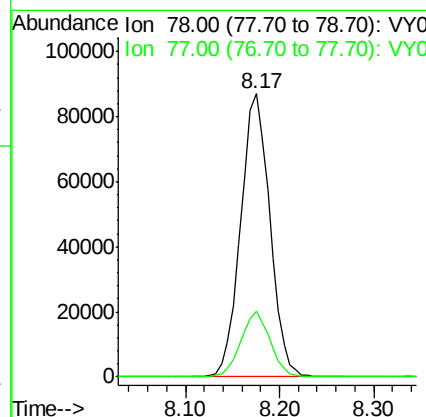
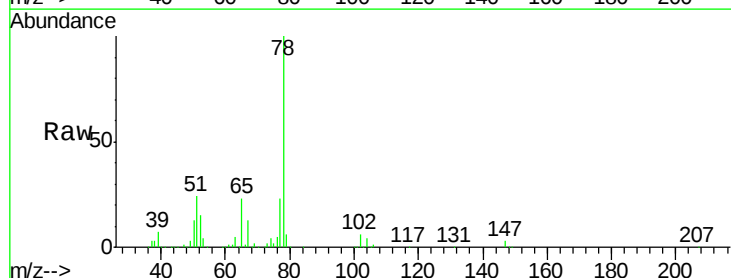
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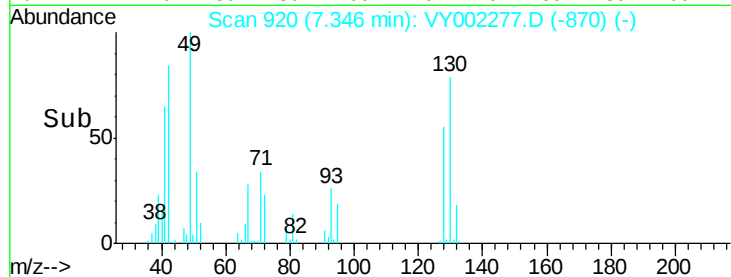
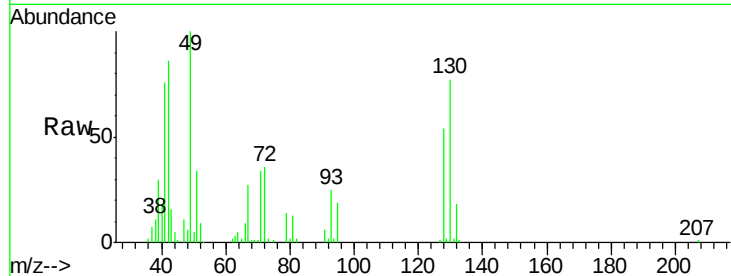
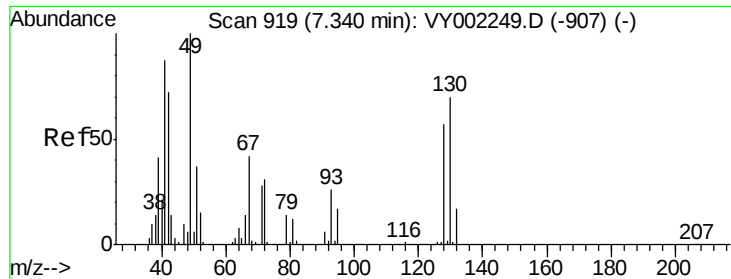
MMDadoda
4/14/2020 10:01:50 AM



#40
Benzene
Concen: 18.888 ug/l
RT: 8.17 min Scan# 1056
Delta R.T. -0.00 min
Lab File: VY002277.D
Acq: 13 Apr 2020 14:11

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.4	18.9	28.3





#41

Methacrylonitrile

Concen: 19.797 ug/l m

RT: 7.35 min Scan# 920

Delta R.T. 0.01 min

Lab File: VY002277.D

Acq: 13 Apr 2020 14:11

Tot Ion	41	Resp	21985
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

Instrument :

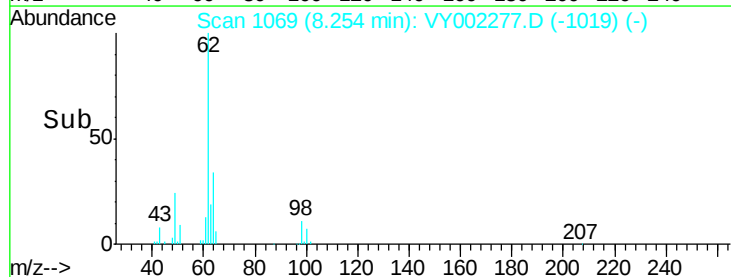
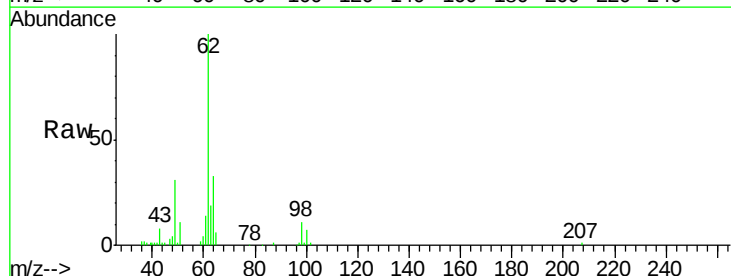
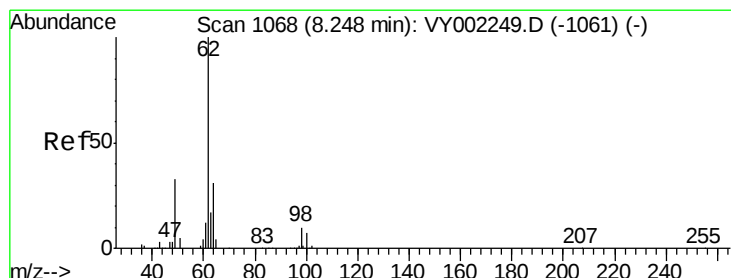
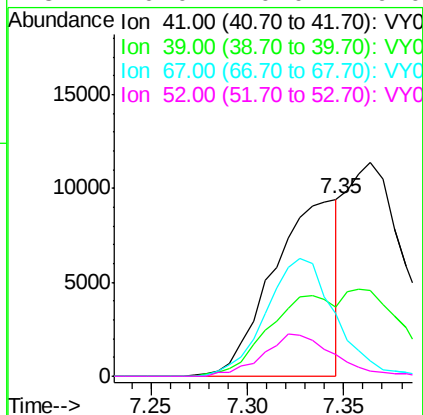
MSVOA_Y

ClientSampleId :

VY0413SBS01

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4/14/2020 10:01:50 AM



#42

1,2-Dichloroethane

Concen: 18.244 ug/l

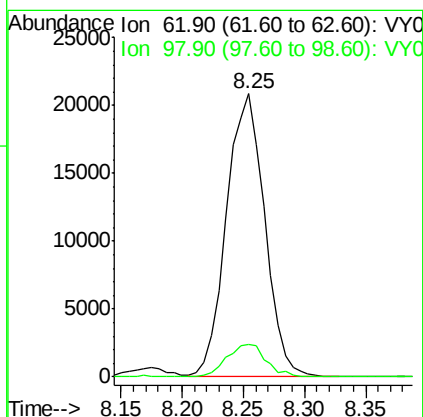
RT: 8.25 min Scan# 1069

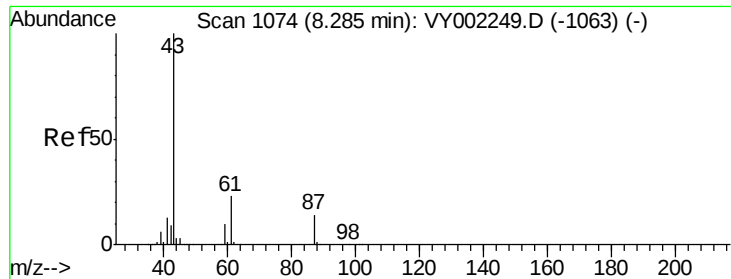
Delta R.T. 0.01 min

Lab File: VY002277.D

Acq: 13 Apr 2020 14:11

Tgt Ion	62	Resp	45181
Ion	Ratio	Lower	Upper
62	100		
98	11.8	0.0	22.6





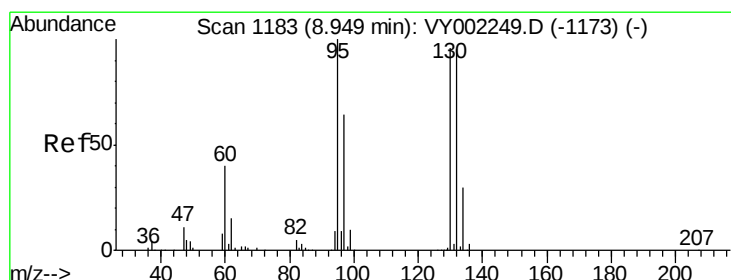
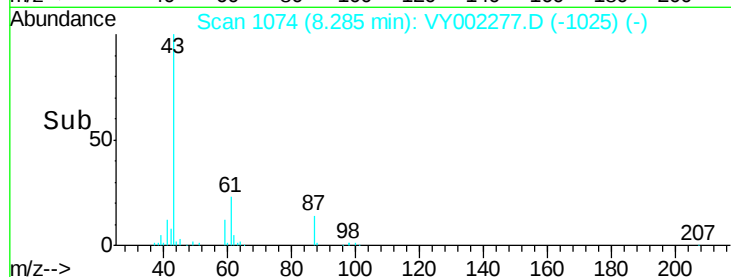
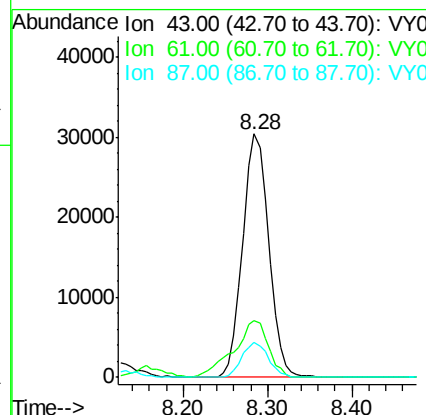
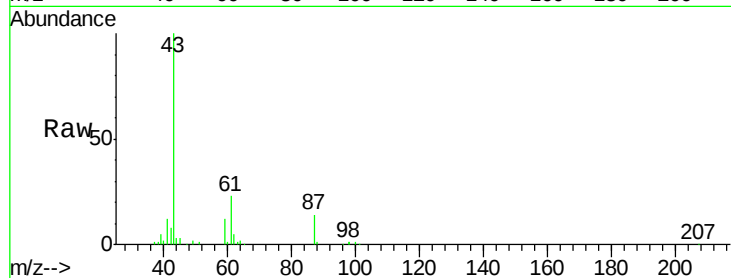
#43
Isopropyl Acetate
Concen: 18.525 ug/l
RT: 8.28 min Scan# 1074
Delta R.T. -0.00 min
Lab File: VY002277.D
Acq: 13 Apr 2020 14:11

Instrument :
MSVOA_Y
ClientSampleId :
VY0413SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	31.1	24.9	37.3
87	14.5	11.7	17.5

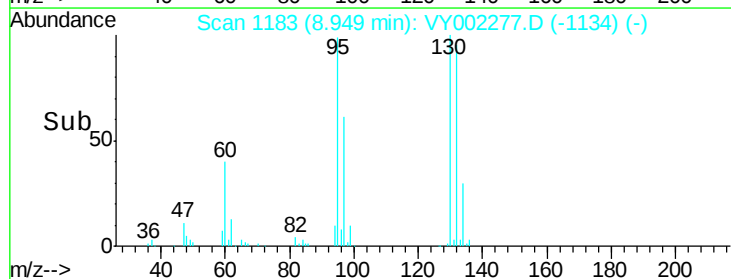
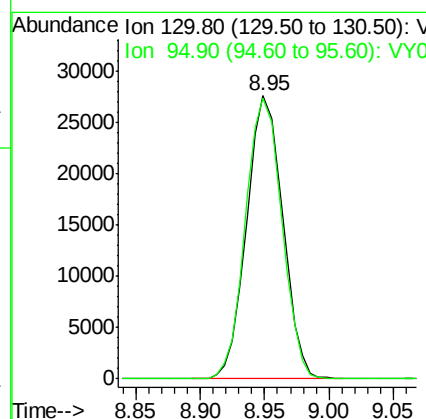
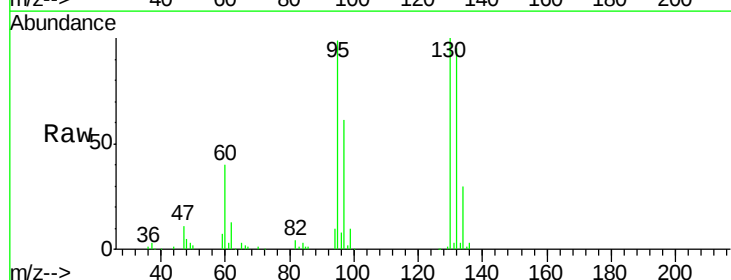
Manual Integrations
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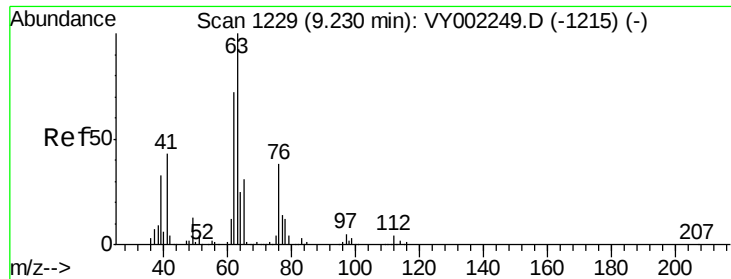
MMDadoda
4/14/2020 10:01:50 AM



#44
Trichloroethene
Concen: 18.236 ug/l
RT: 8.95 min Scan# 1183
Delta R.T. -0.00 min
Lab File: VY002277.D
Acq: 13 Apr 2020 14:11

Tgt Ion	Ratio	Lower	Upper
130	100		
95	99.2	0.0	208.2





#45

1,2-Dichloropropane

Concen: 18.855 ug/l

RT: 9.23 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VY002277.D

Acq: 13 Apr 2020 14:11

Instrument :

MSVOA_Y

ClientSampleId :

VY0413SBS01

Tot Ion: 63 Resp: 46772

Ion Ratio Lower Upper

63 100

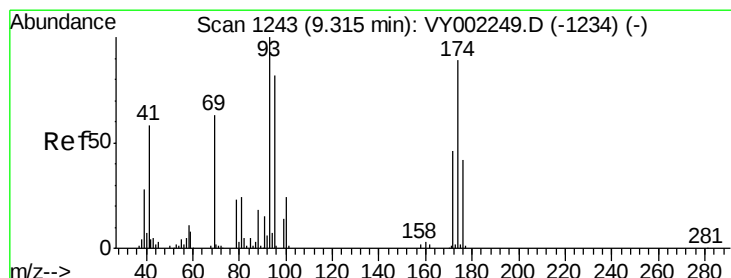
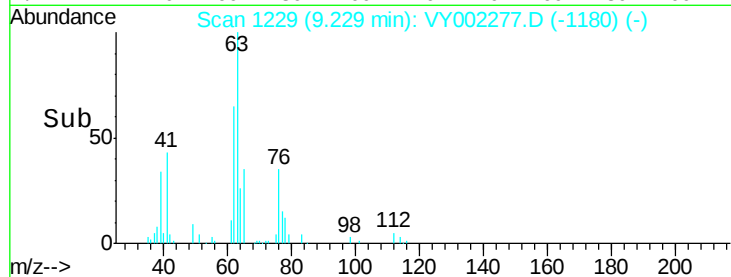
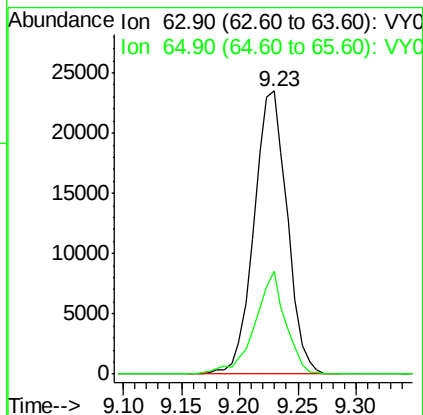
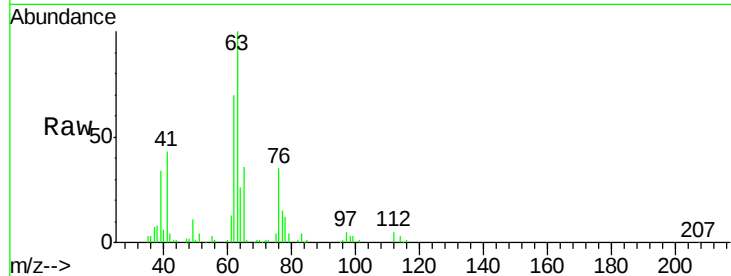
65 36.4 24.6 37.0

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MMDadoda

4/14/2020 10:01:50 AM



#46

Dibromomethane

Concen: 18.342 ug/l

RT: 9.31 min Scan# 1243

Delta R.T. -0.00 min

Lab File: VY002277.D

Acq: 13 Apr 2020 14:11

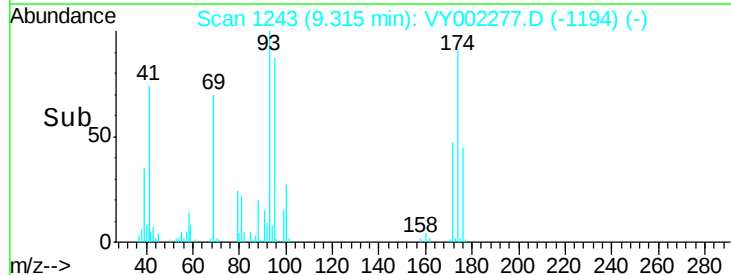
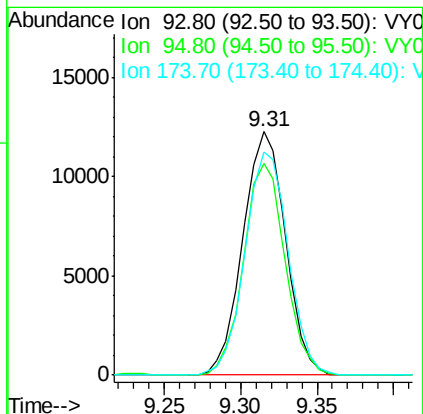
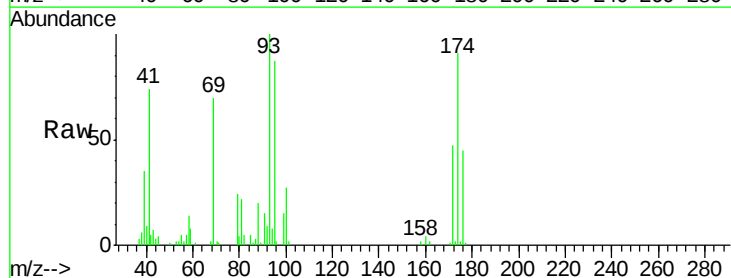
Tgt Ion: 93 Resp: 23789

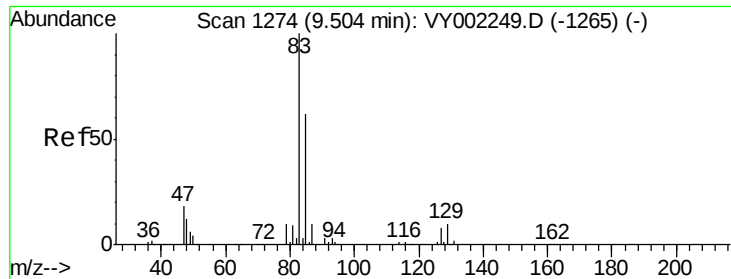
Ion Ratio Lower Upper

93 100

95 84.5 67.3 100.9

174 92.7 72.5 108.7





#47

Bromodichloromethane

Concen: 18.365 ug/l

RT: 9.50 min Scan# 1274

Delta R.T. -0.00 min

Lab File: VY002277.D

Acq: 13 Apr 2020 14:11

Instrument :

MSVOA_Y

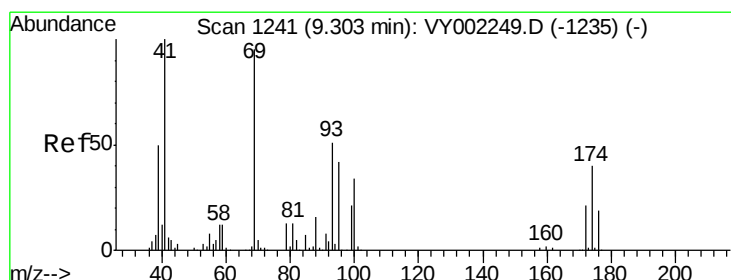
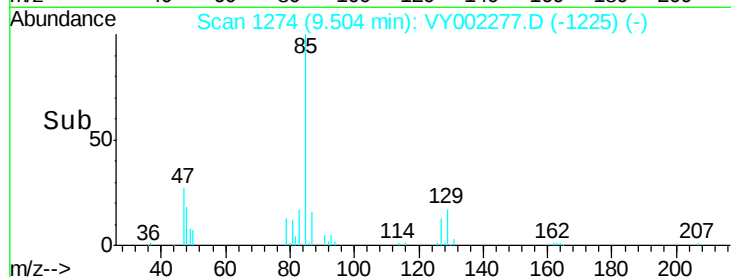
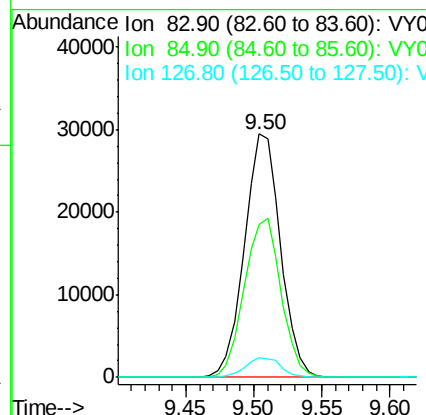
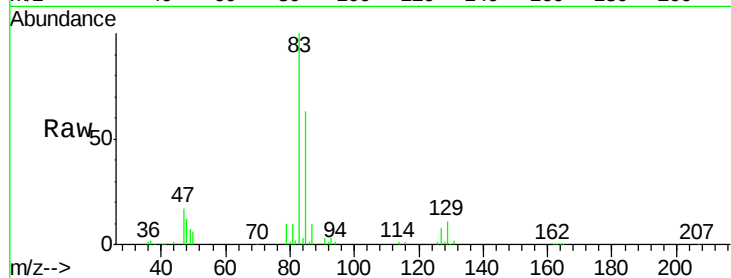
ClientSampleId :

VY0413SBS01

Tot Ion:	83	Resp:	54653
Ion	Ratio	Lower	Upper
83	100		
85	62.6	49.7	74.5
127	8.3	6.2	9.4

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4/14/2020 10:01:50 AM



#48

Methyl methacrylate

Concen: 17.986 ug/l

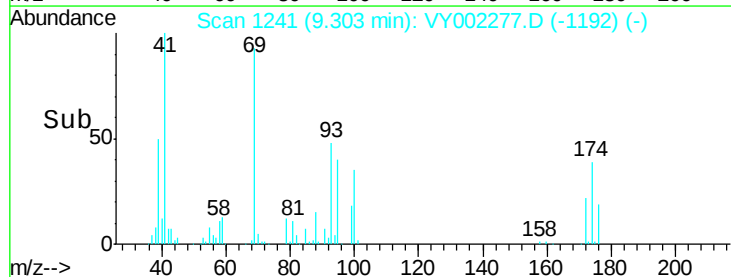
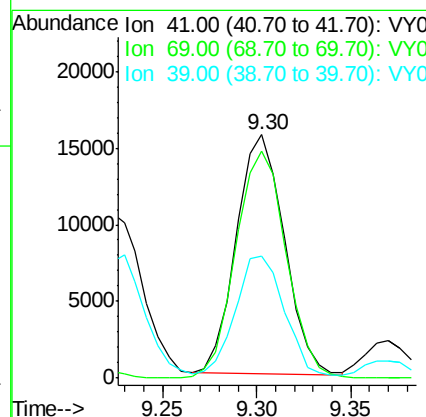
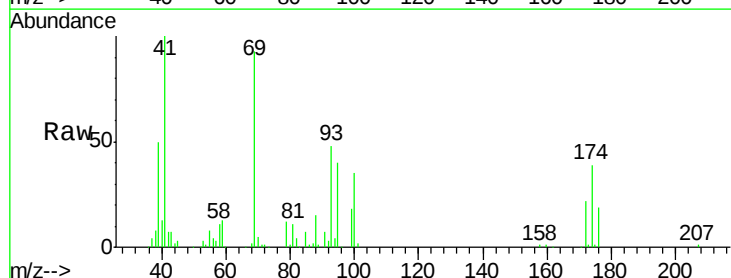
RT: 9.30 min Scan# 1241

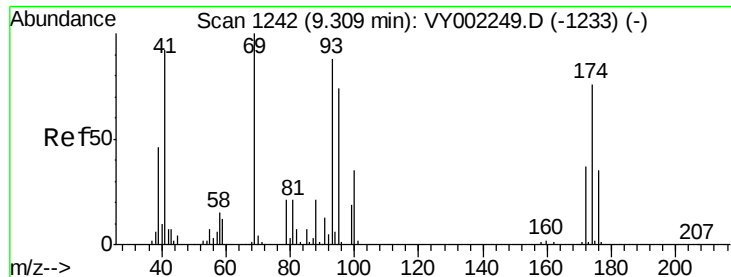
Delta R.T. -0.00 min

Lab File: VY002277.D

Acq: 13 Apr 2020 14:11

Tgt Ion:	41	Resp:	27688
Ion	Ratio	Lower	Upper
41	100		
69	99.4	76.7	115.1
39	52.8	40.5	60.7





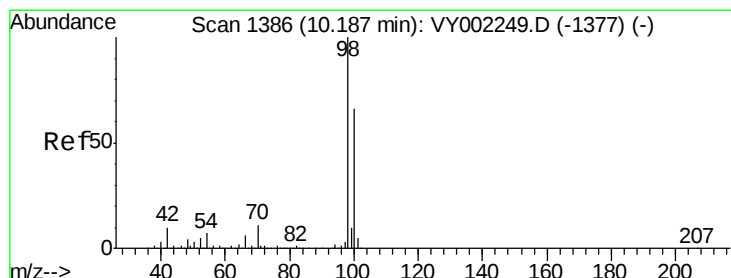
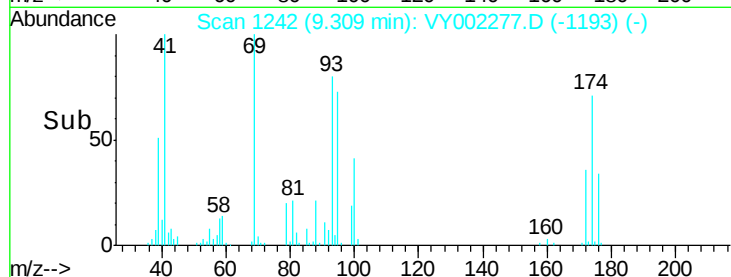
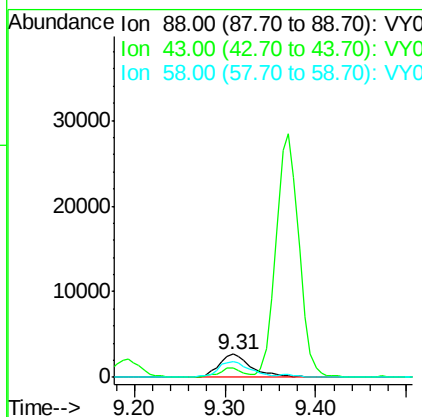
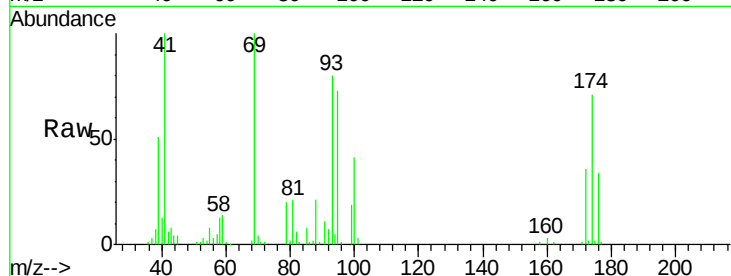
#49
1,4-Dioxane
Concen: 380.669 ug/l
RT: 9.31 min Scan# 1242
Delta R.T. -0.00 min
Lab File: VY002277.D
Acq: 13 Apr 2020 14:11

Instrument :
MSVOA_Y
ClientSampleId :
VY0413SBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	28.8	22.2	33.2
58	65.1	57.6	86.4

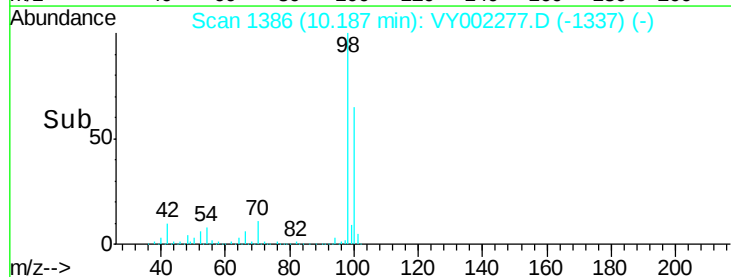
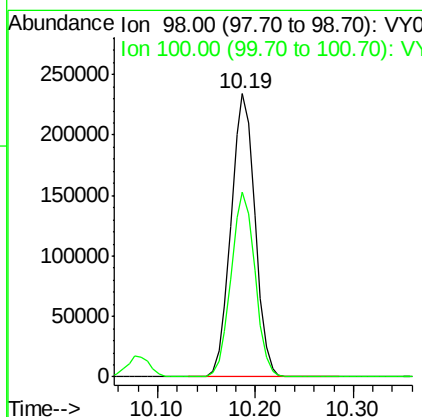
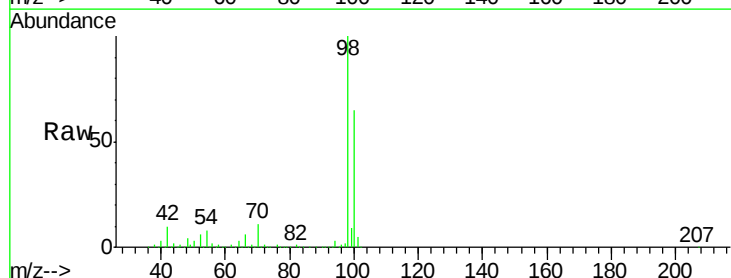
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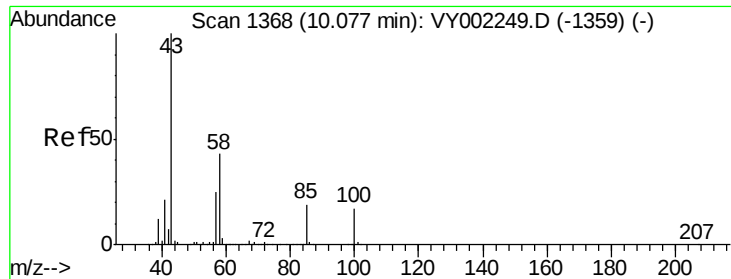
MMDadoda
4/14/2020 10:01:50 AM



#50
Toluene-d8
Concen: 47.792 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. -0.00 min
Lab File: VY002277.D
Acq: 13 Apr 2020 14:11

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.2	52.6	78.8





#51

4-Methyl-2-Pentanone

Concen: 97.326 ug/l

RT: 10.08 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VY002277.D

Acq: 13 Apr 2020 14:11

Instrument :

MSVOA_Y

ClientSampleId :

VY0413BS01

Tot Ion: 43 Resp: 174115

Ion Ratio Lower Upper

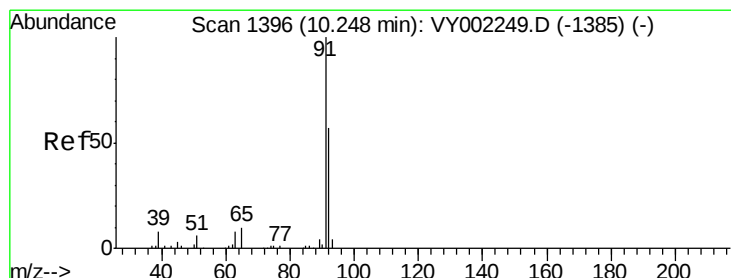
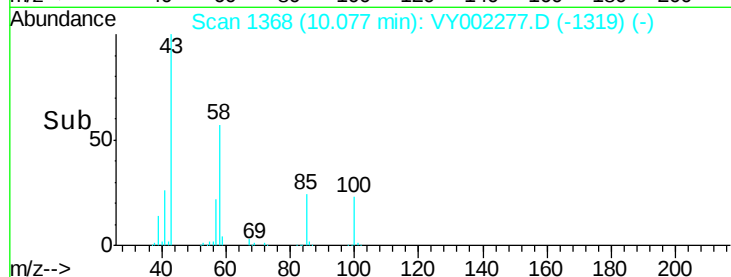
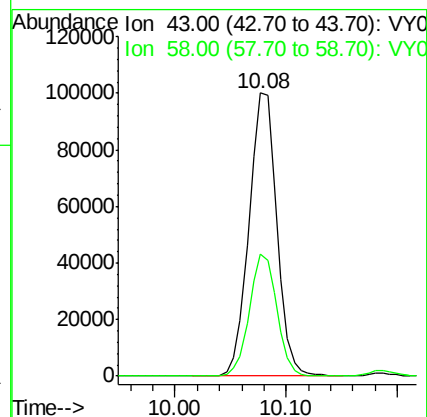
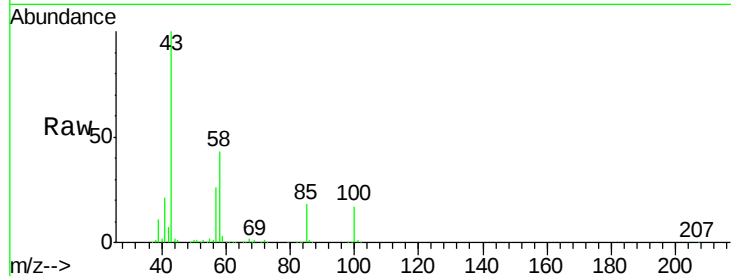
43 100

58 42.4 33.8 50.8

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4/14/2020 10:01:50 AM



#52

Toluene

Concen: 18.873 ug/l

RT: 10.25 min Scan# 1397

Delta R.T. 0.01 min

Lab File: VY002277.D

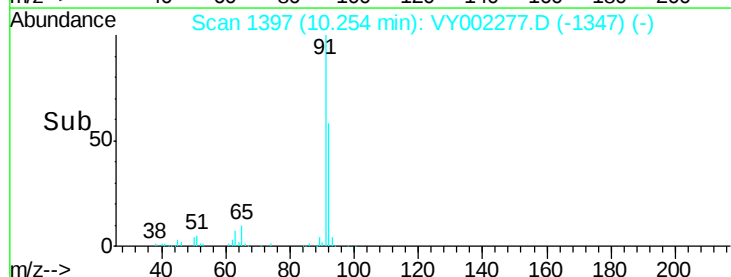
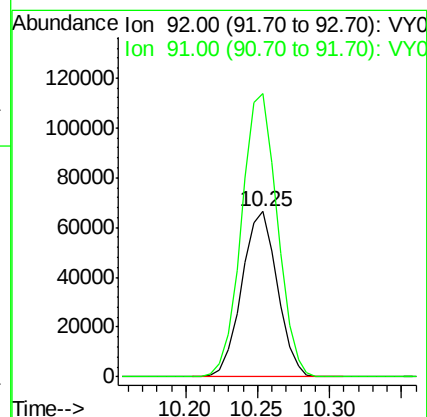
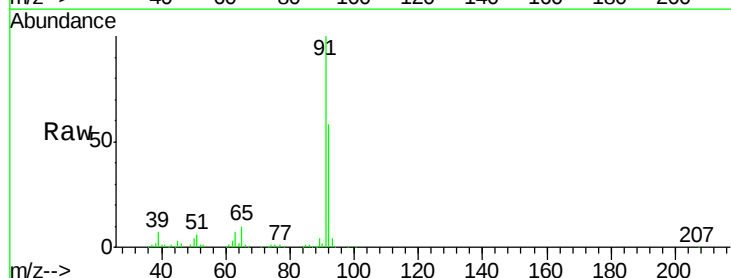
Acq: 13 Apr 2020 14:11

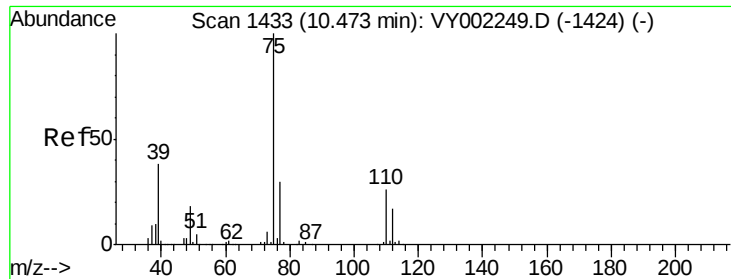
Tgt Ion: 92 Resp: 113711

Ion Ratio Lower Upper

92 100

91 172.3 139.0 208.6





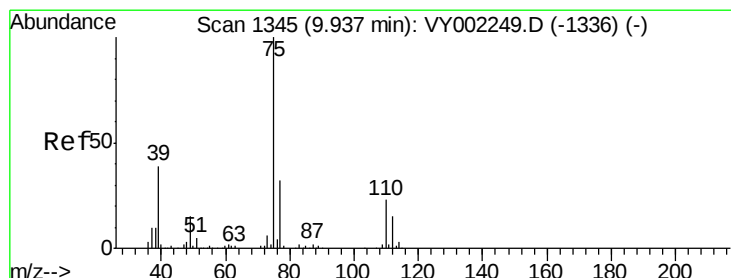
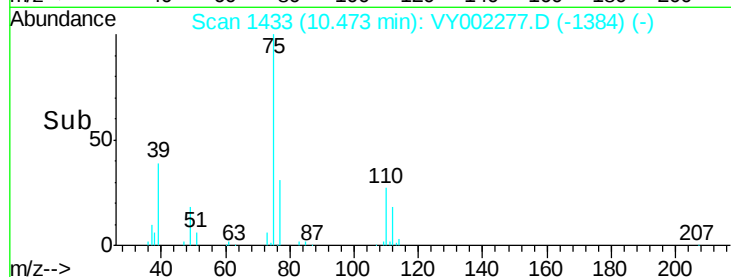
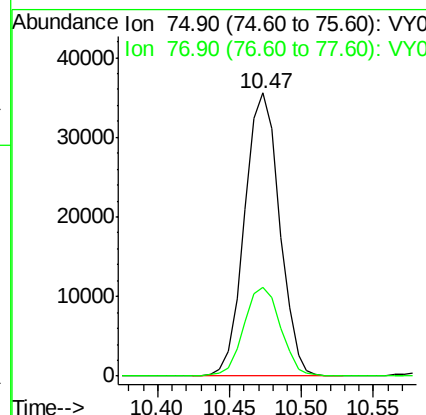
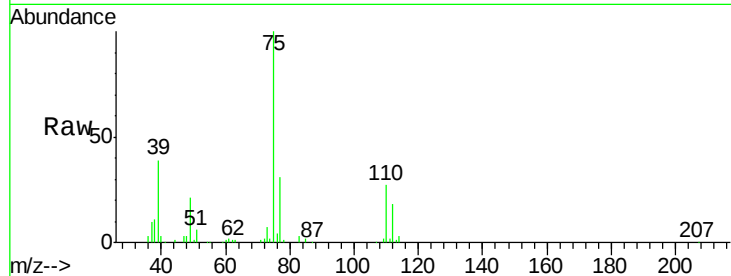
#53
t-1,3-Dichloropropene
Concen: 18.432 ug/l
RT: 10.47 min Scan# 1433
Delta R.T. -0.00 min
Lab File: VY002277.D
Acq: 13 Apr 2020 14:11

Instrument :
MSVOA_Y
ClientSampleId :
VY0413SBS01

Tot Ion: 75 Resp: 59764
Ion Ratio Lower Upper
75 100
77 31.5 24.2 36.2

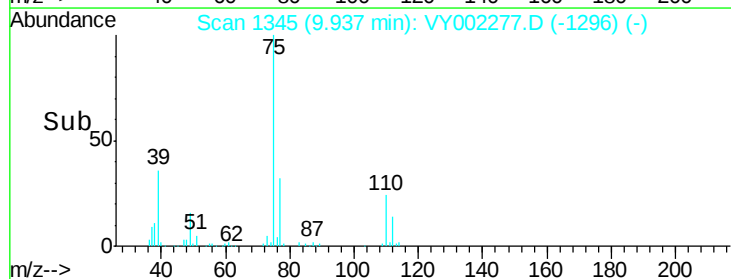
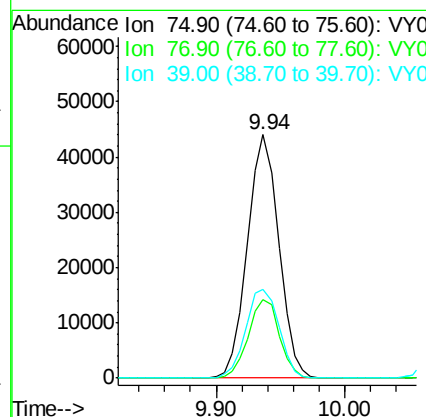
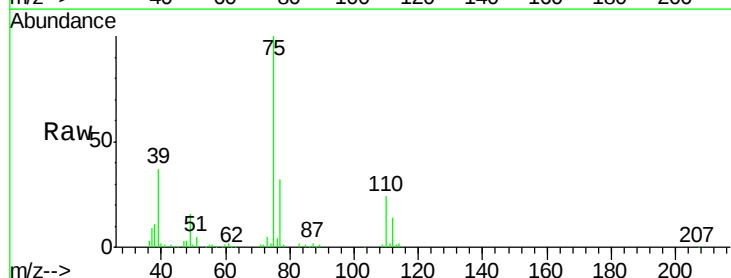
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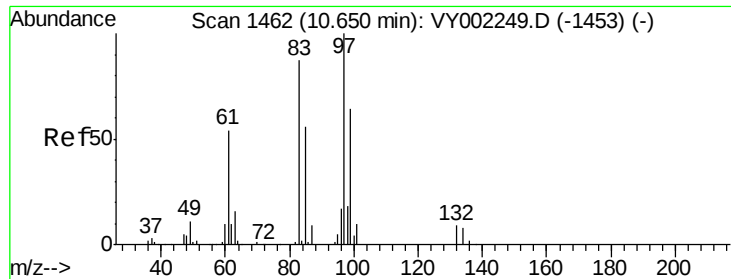
MMDadoda
4/14/2020 10:01:50 AM



#54
cis-1,3-Dichloropropene
Concen: 19.019 ug/l
RT: 9.94 min Scan# 1345
Delta R.T. -0.00 min
Lab File: VY002277.D
Acq: 13 Apr 2020 14:11

Tgt Ion: 75 Resp: 74139
Ion Ratio Lower Upper
75 100
77 32.0 25.8 38.8
39 36.5 30.8 46.2





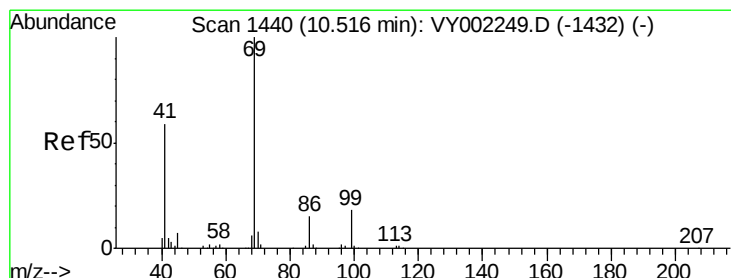
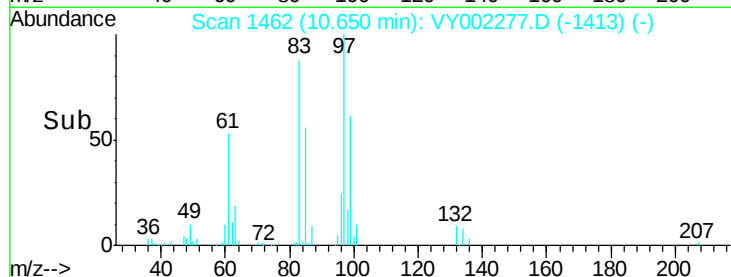
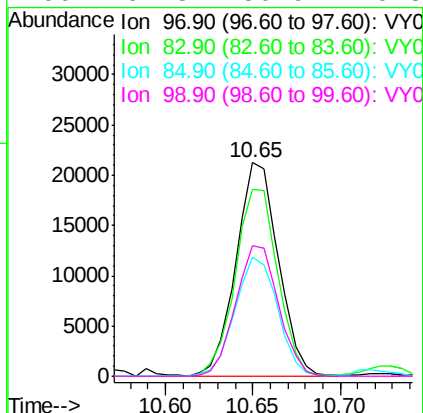
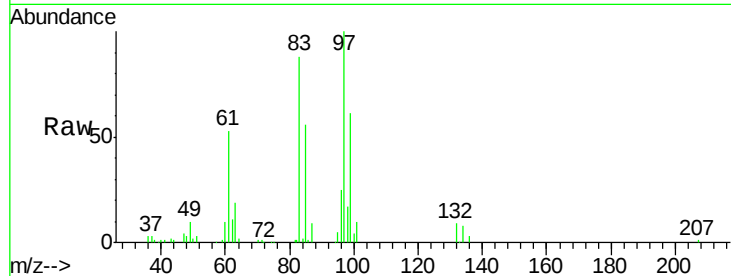
#55
 1,1,2-Trichloroethane
 Concen: 18.885 ug/l
 RT: 10.65 min Scan# 1462
 Delta R.T. -0.00 min
 Lab File: VY002277.D
 Acq: 13 Apr 2020 14:11

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0413SBS01

Tot Ion:	97	Resp:	35860
Ion	Ratio	Lower	Upper
97	100		
83	87.5	69.5	104.3
85	55.6	45.2	67.8
99	61.3	50.9	76.3

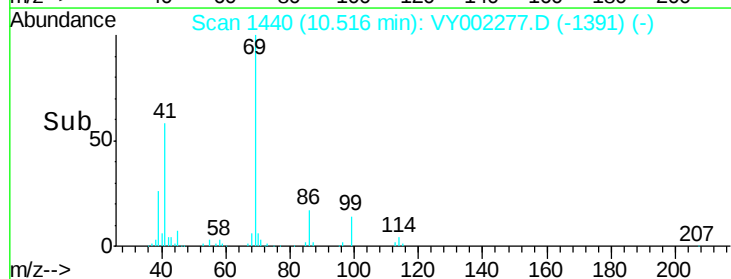
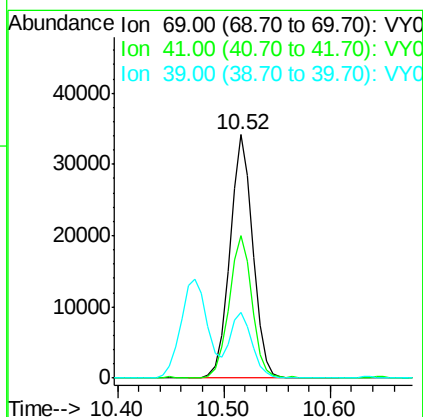
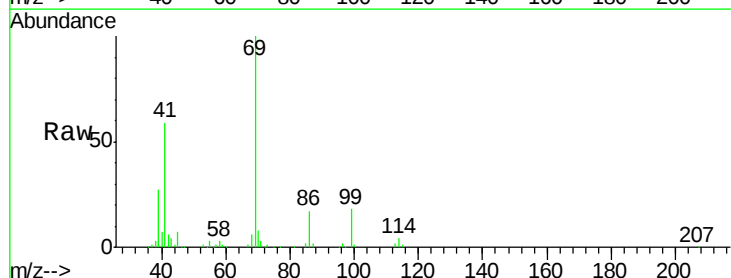
Manual Integrations
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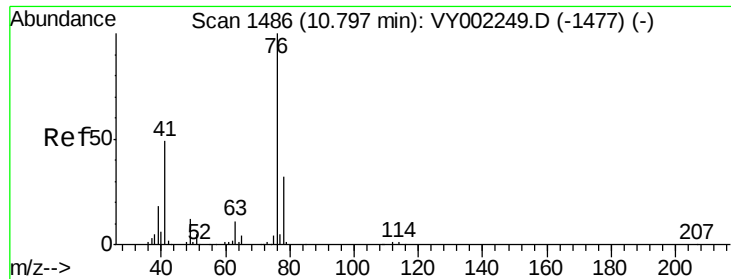
MMDadoda
 4/14/2020 10:01:50 AM



#56
 Ethyl methacrylate
 Concen: 19.019 ug/l
 RT: 10.52 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: VY002277.D
 Acq: 13 Apr 2020 14:11

Tgt Ion:	69	Resp:	51545
Ion	Ratio	Lower	Upper
69	100		
41	58.7	47.9	71.9
39	26.0	23.8	35.6





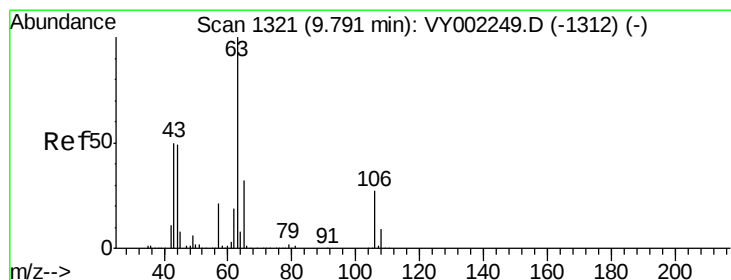
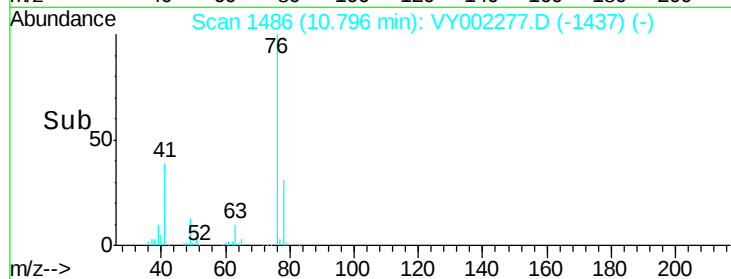
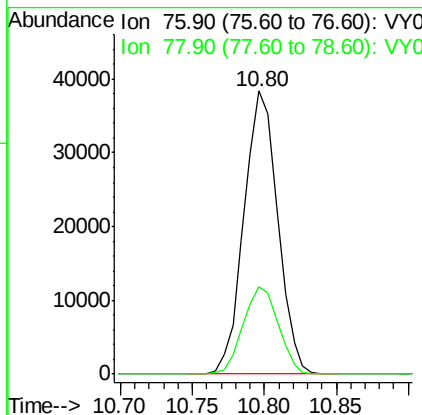
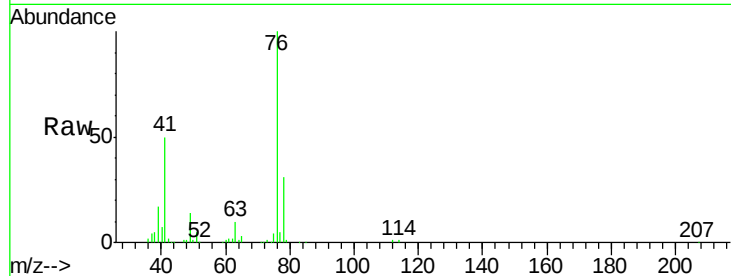
#57
 1,3-Dichloropropane
 Concen: 18.696 ug/l
 RT: 10.80 min Scan# 1486
 Delta R.T. -0.00 min
 Lab File: VY002277.D
 Acq: 13 Apr 2020 14:11

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0413SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.2	25.8	38.6

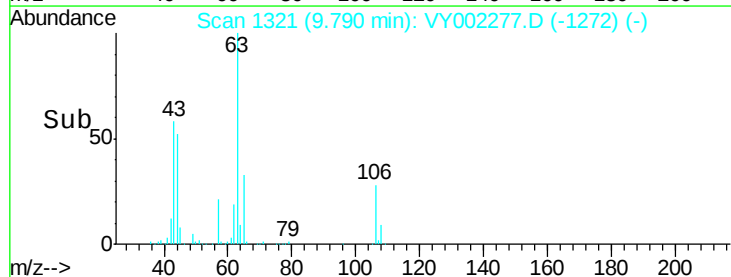
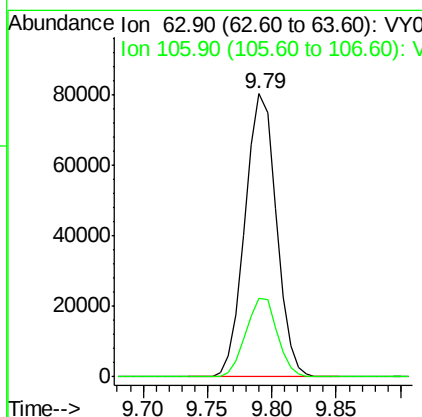
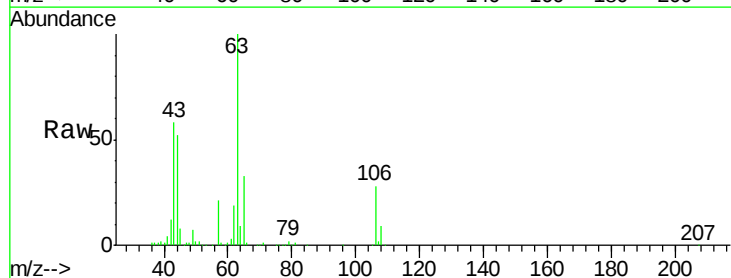
Manual Integrations
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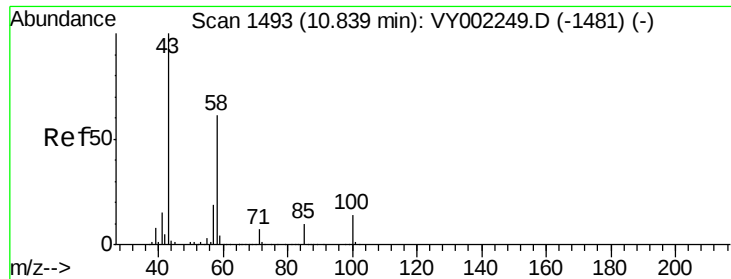
MMDadoda
 4/14/2020 10:01:50 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 96.332 ug/l
 RT: 9.79 min Scan# 1321
 Delta R.T. -0.00 min
 Lab File: VY002277.D
 Acq: 13 Apr 2020 14:11

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.0	22.2	33.2





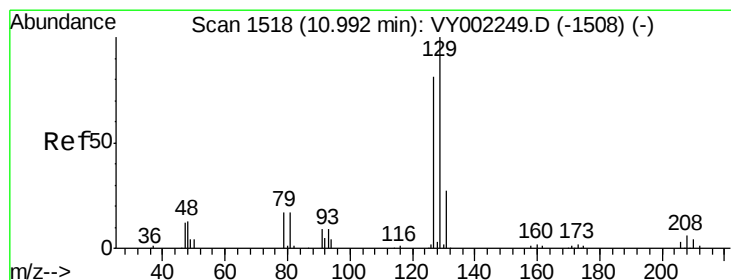
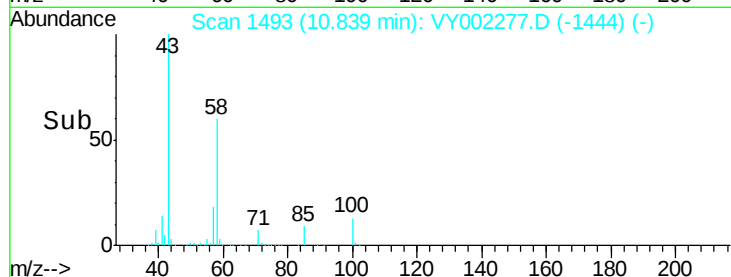
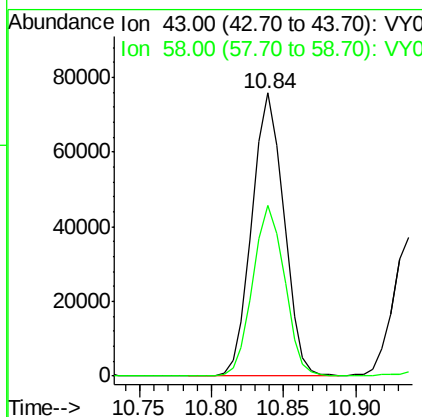
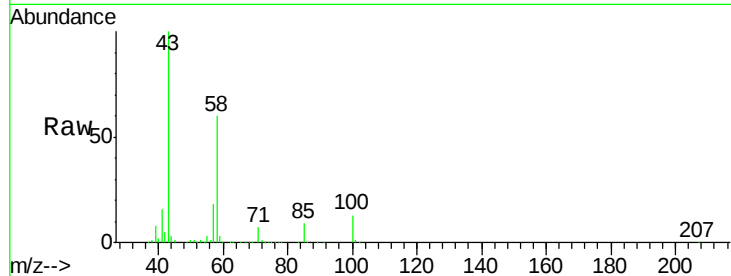
#59
2-Hexanone
Concen: 94.047 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. -0.00 min
Lab File: VY002277.D
Acq: 13 Apr 2020 14:11

Instrument :
MSVOA_Y
ClientSampleId :
VY0413SBS01

Tot Ion: 43 Resp: 116769
Ion Ratio Lower Upper
43 100
58 59.8 29.8 89.3

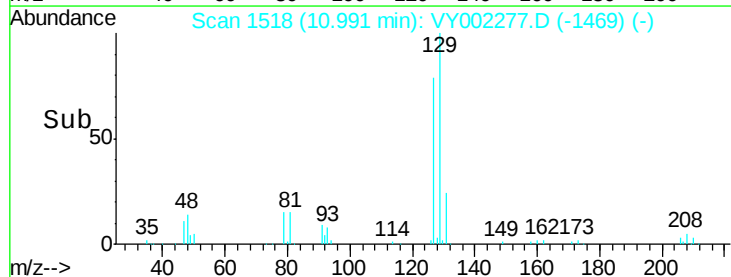
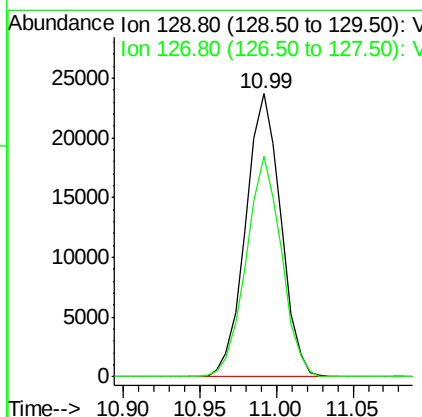
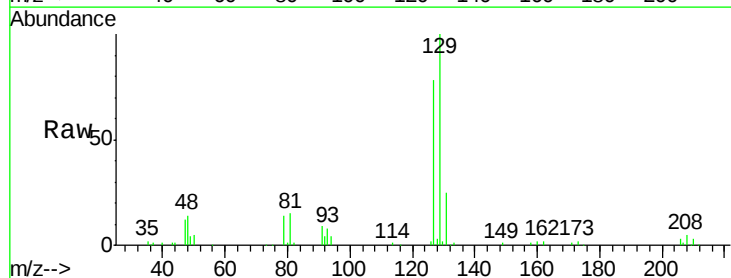
Manual Integrations
APPROVED

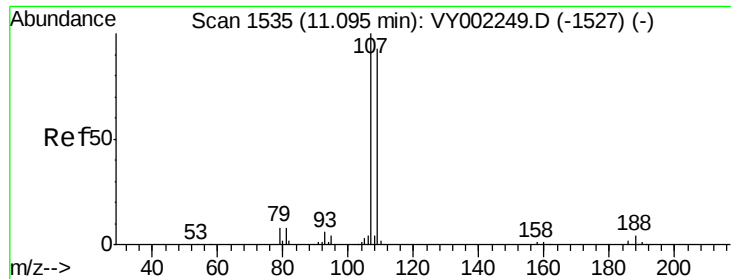
MMDadoda
4/14/2020 10:01:50 AM



#60
Dibromochloromethane
Concen: 18.777 ug/l
RT: 10.99 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VY002277.D
Acq: 13 Apr 2020 14:11

Tgt Ion:129 Resp: 38019
Ion Ratio Lower Upper
129 100
127 77.7 39.0 117.0





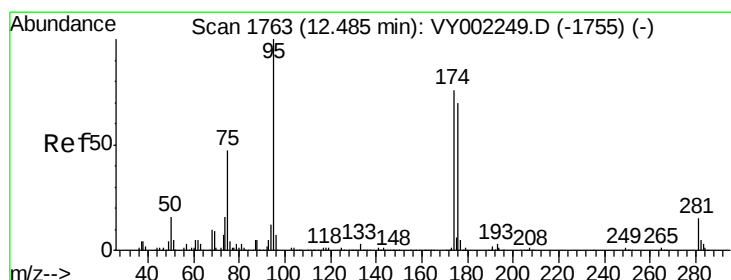
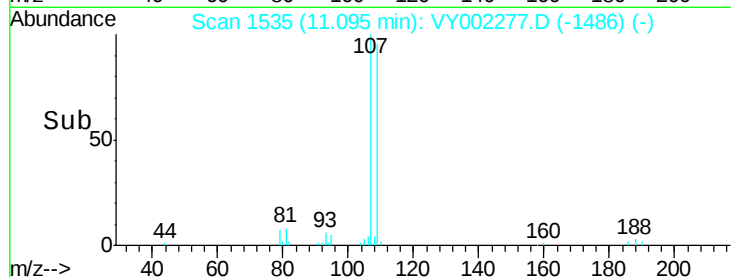
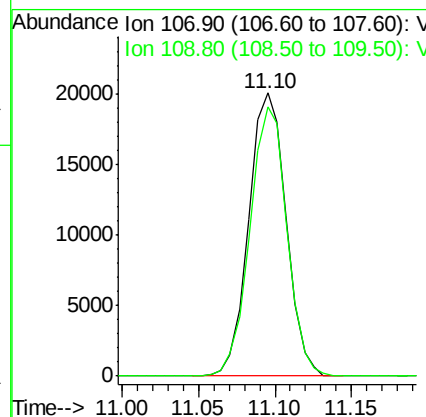
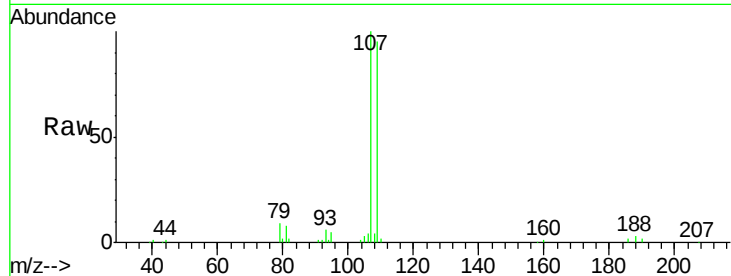
#61
 1,2-Dibromoethane
 Concen: 18.835 ug/l
 RT: 11.10 min Scan# 1535
 Delta R.T. -0.00 min
 Lab File: VY002277.D
 Acq: 13 Apr 2020 14:11

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0413SBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.2	75.6	113.4

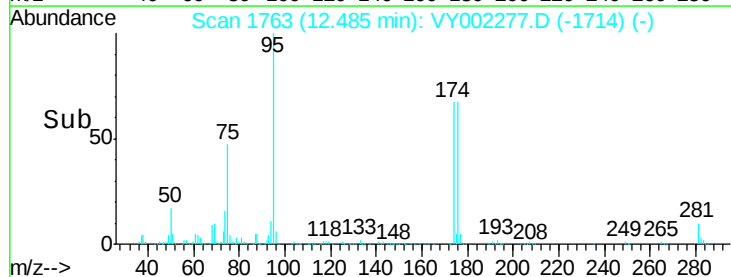
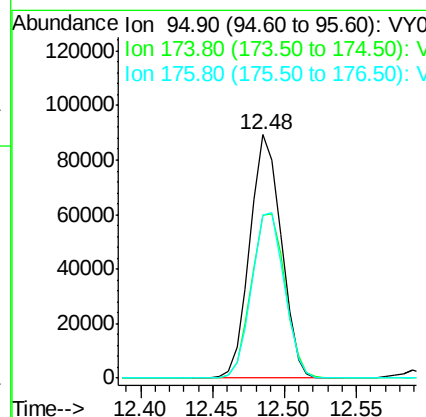
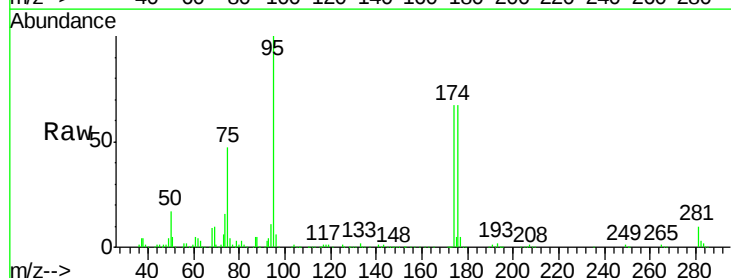
Manual Integrations
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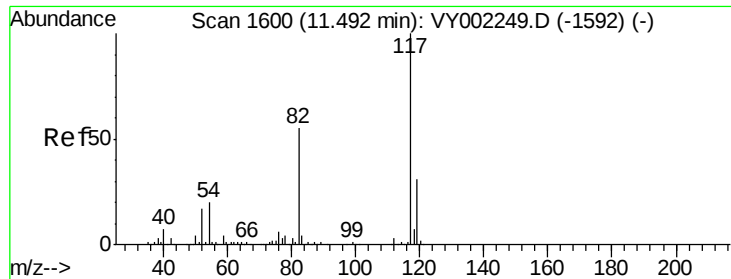
MMDadoda
 4/14/2020 10:01:50 AM



#62
 4-Bromofluorobenzene
 Concen: 48.935 ug/l
 RT: 12.48 min Scan# 1763
 Delta R.T. -0.00 min
 Lab File: VY002277.D
 Acq: 13 Apr 2020 14:11

Tgt Ion	Ratio	Lower	Upper
95	100		
174	72.3	0.0	150.6
176	70.7	0.0	141.4





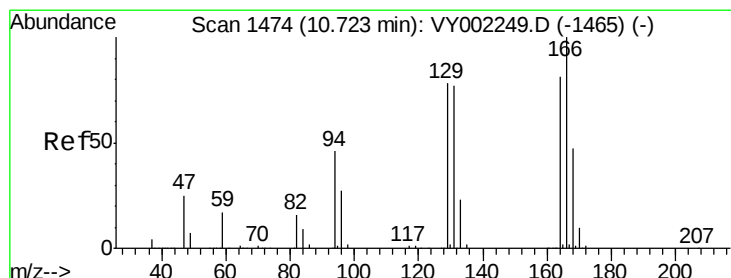
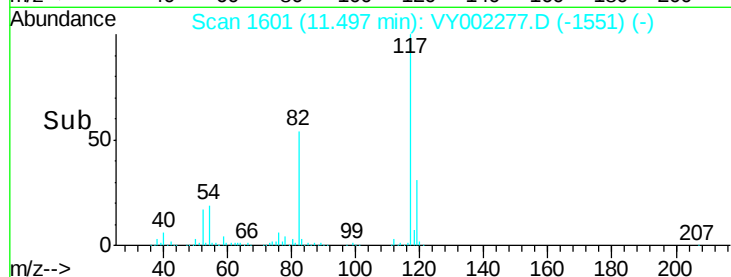
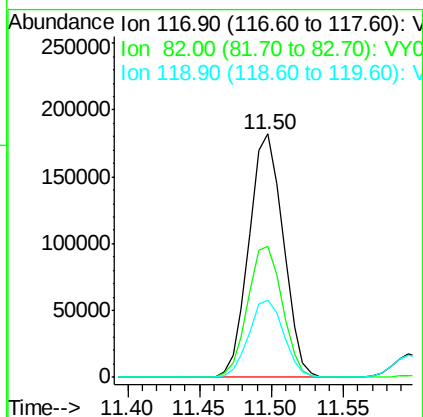
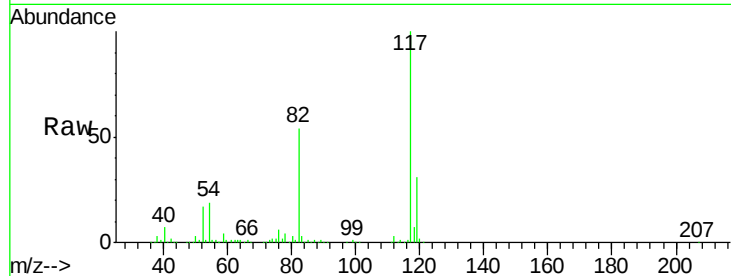
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.01 min
Lab File: VY002277.D
Acq: 13 Apr 2020 14:11

Instrument :
MSVOA_Y
ClientSampleId :
VY0413SBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	299263		
82	53.8	44.2	66.4	
119	31.5	25.1	37.7	

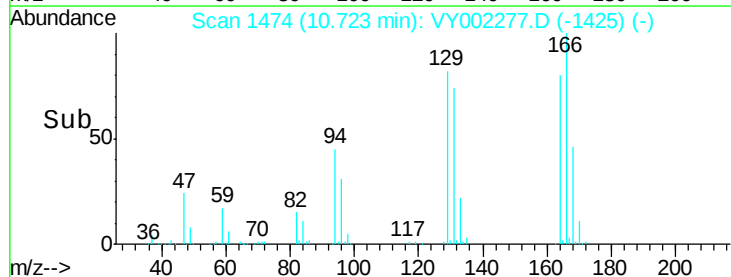
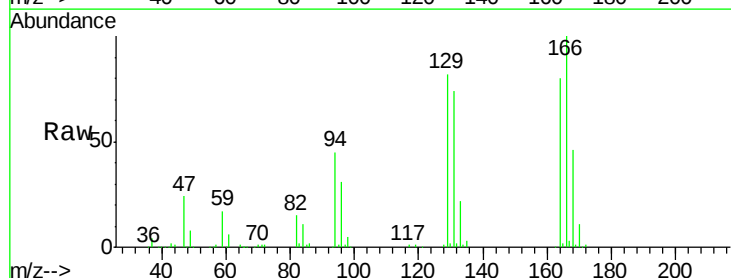
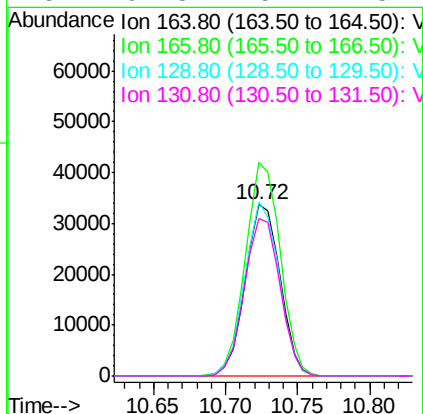
Manual Integrations
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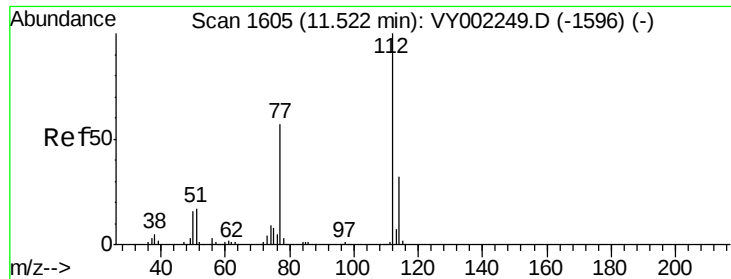
MMDadoda
4/14/2020 10:01:50 AM



#64
Tetrachloroethene
Concen: 18.661 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VY002277.D
Acq: 13 Apr 2020 14:11

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	56461		
166	124.9	98.4	147.6	
129	101.8	76.6	115.0	
131	92.3	75.4	113.2	





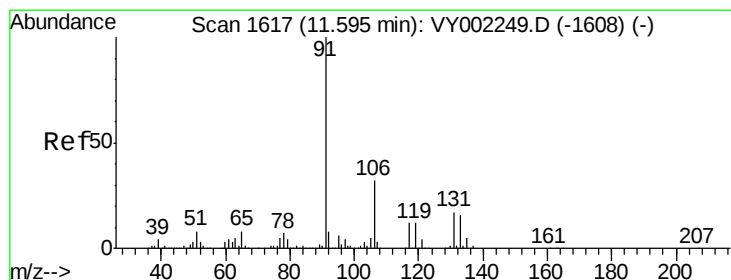
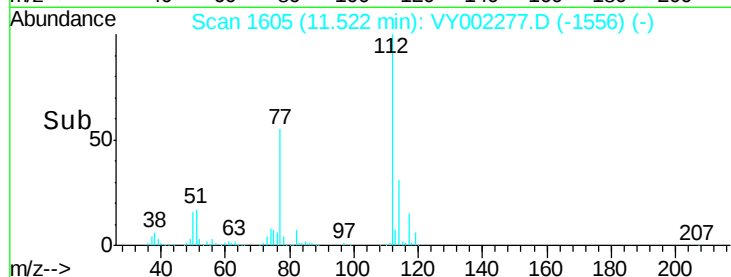
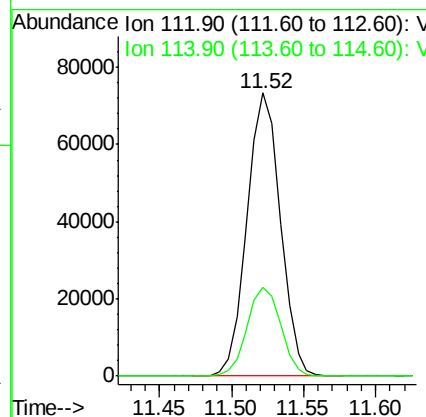
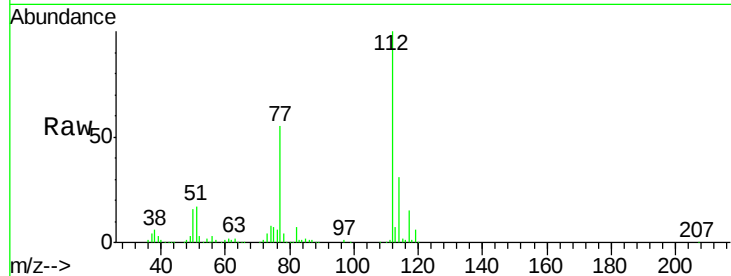
#65
Chlorobenzene
Concen: 18.951 ug/l
RT: 11.52 min Scan# 1605
Delta R.T. -0.00 min
Lab File: VY002277.D
Acq: 13 Apr 2020 14:11

Instrument :
MSVOA_Y
ClientSampleId :
VY0413SBS01

Tot Ion:112 Resp: 117893
Ion Ratio Lower Upper
112 100
114 31.2 25.6 38.4

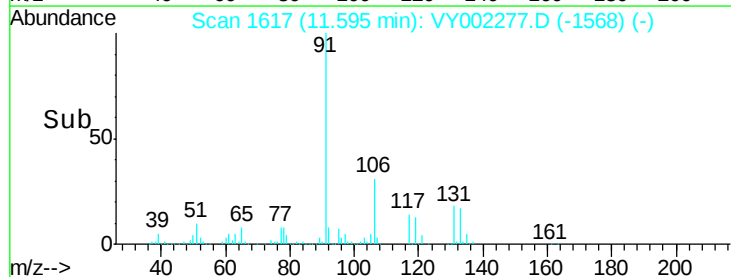
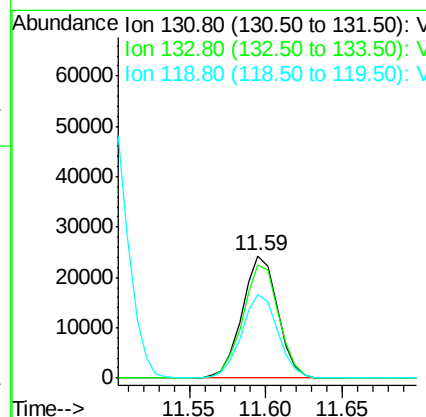
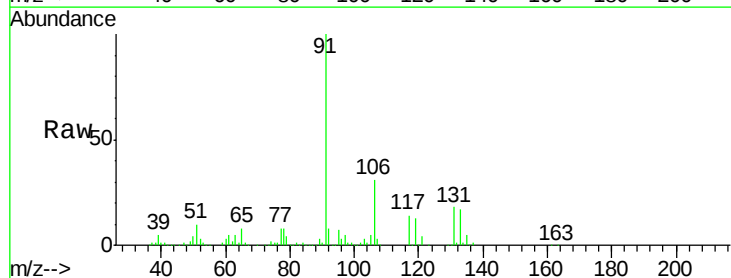
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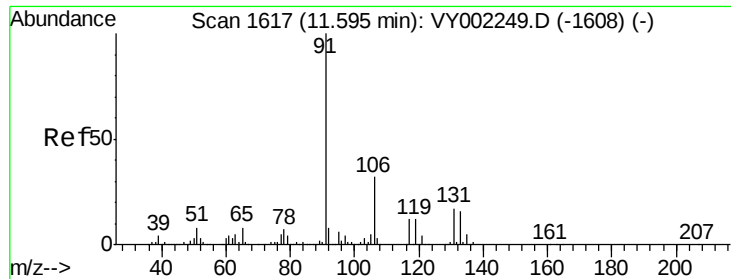
MMDadoda
4/14/2020 10:01:50 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 19.077 ug/l
RT: 11.59 min Scan# 1617
Delta R.T. -0.00 min
Lab File: VY002277.D
Acq: 13 Apr 2020 14:11

Tgt Ion:131 Resp: 39181
Ion Ratio Lower Upper
131 100
133 93.8 46.5 139.3
119 69.8 34.5 103.6





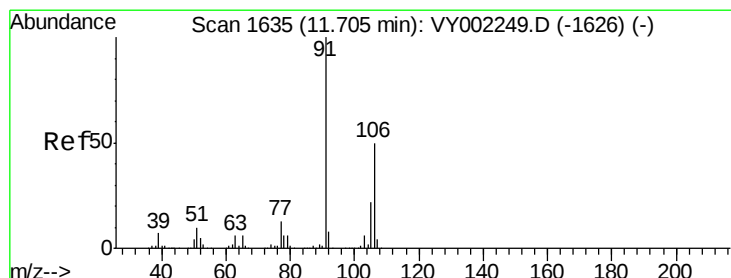
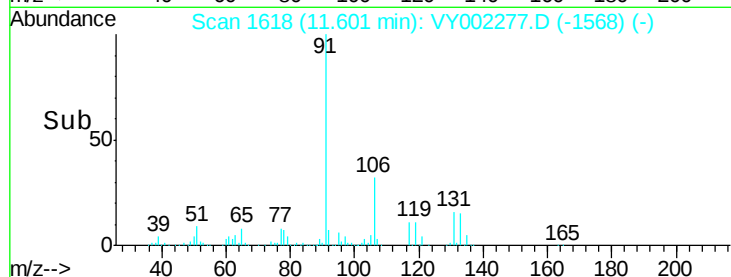
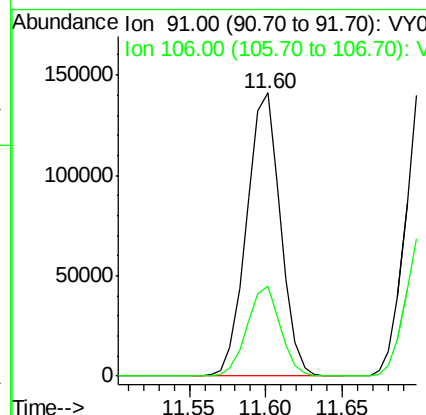
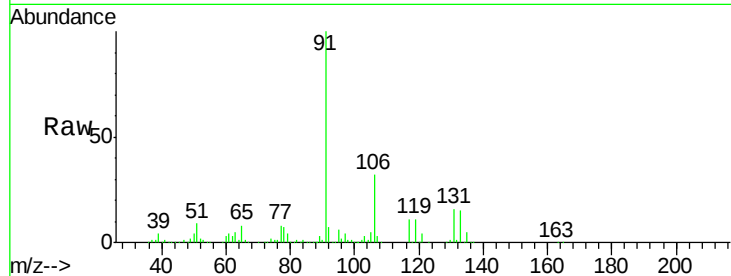
#67
Ethyl Benzene
Concen: 18.974 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. 0.01 min
Lab File: VY002277.D
Acq: 13 Apr 2020 14:11

Instrument :
MSVOA_Y
ClientSampleId :
VY0413SBS01

Tot Ion: 91 Resp: 216079
Ion Ratio Lower Upper
91 100
106 31.9 25.4 38.0

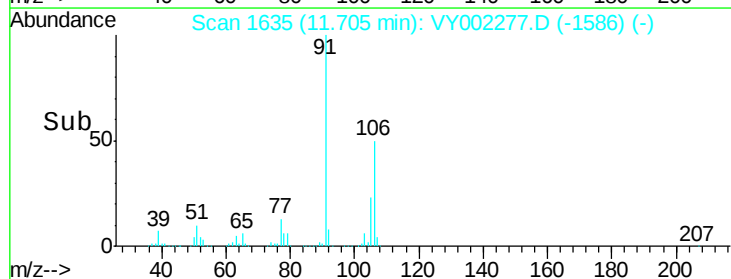
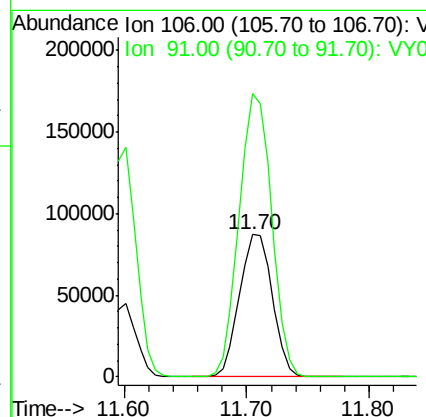
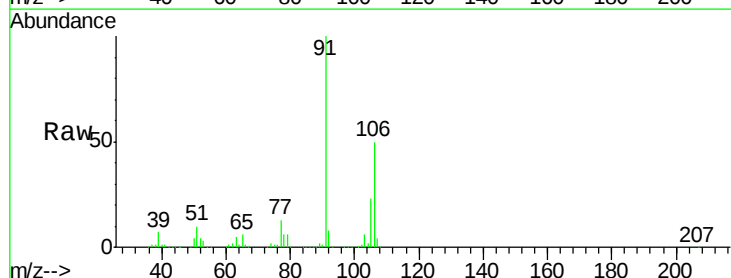
Manual Integrations
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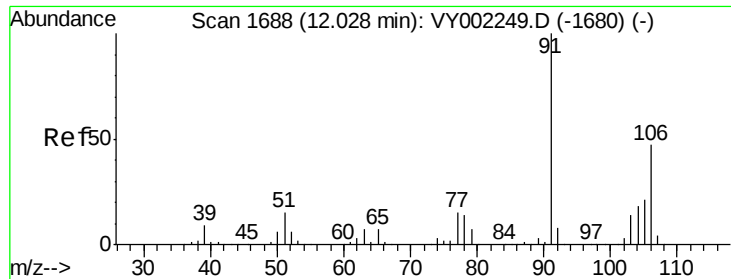
MMDadoda
4/14/2020 10:01:50 AM



#68
m/p-Xylenes
Concen: 38.104 ug/l
RT: 11.70 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VY002277.D
Acq: 13 Apr 2020 14:11

Tgt Ion: 106 Resp: 162530
Ion Ratio Lower Upper
106 100
91 197.8 159.8 239.6





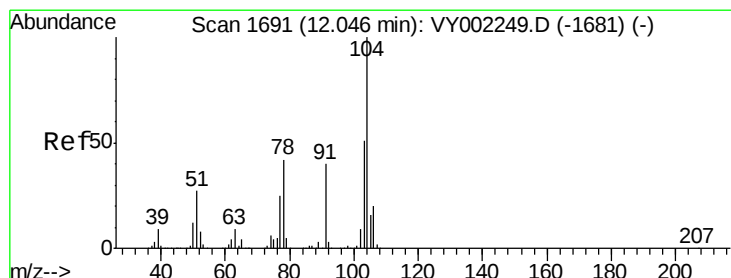
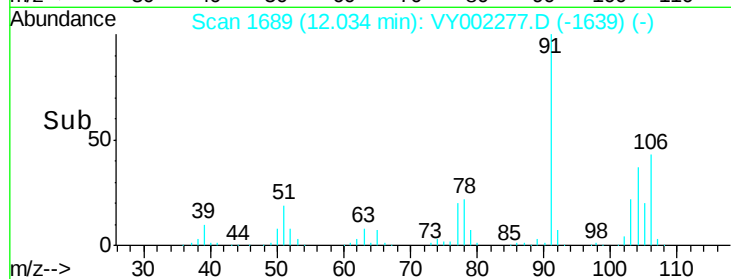
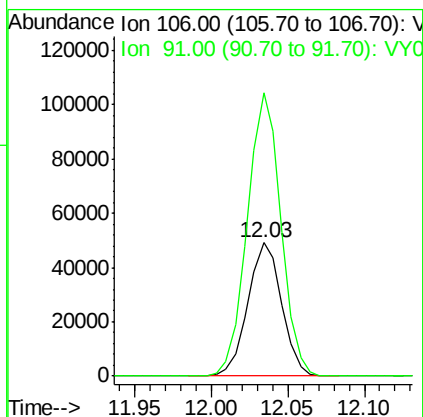
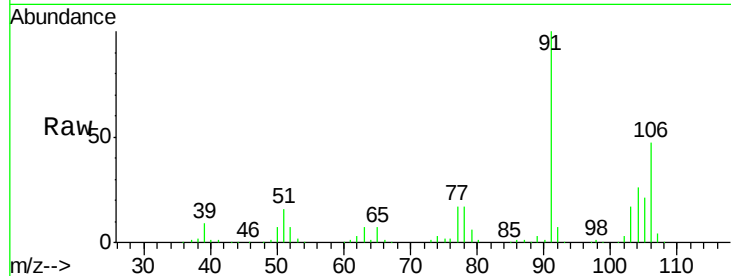
#69
o-Xylene
Concen: 18.907 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. 0.01 min
Lab File: VY002277.D
Acq: 13 Apr 2020 14:11

Instrument :
MSVOA_Y
ClientSampleId :
VY0413SBS01

Tot Ion:106 Resp: 75714
Ion Ratio Lower Upper
106 100
91 210.1 105.8 317.3

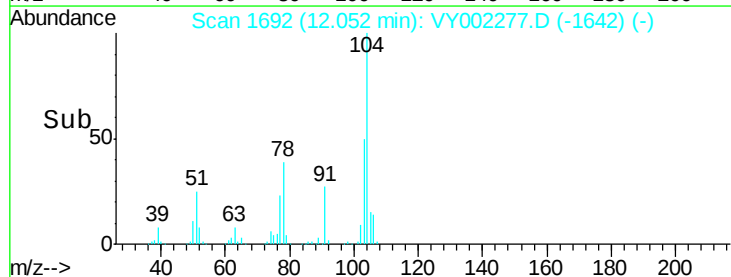
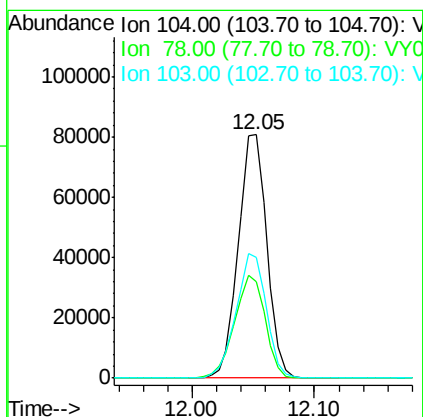
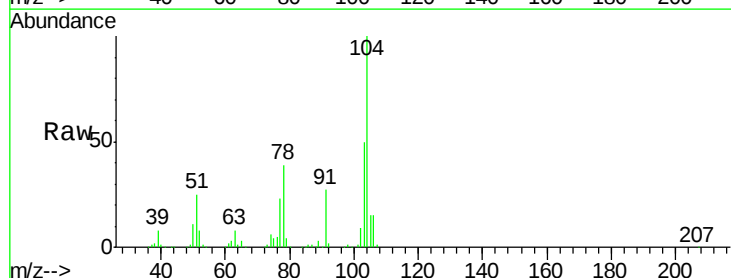
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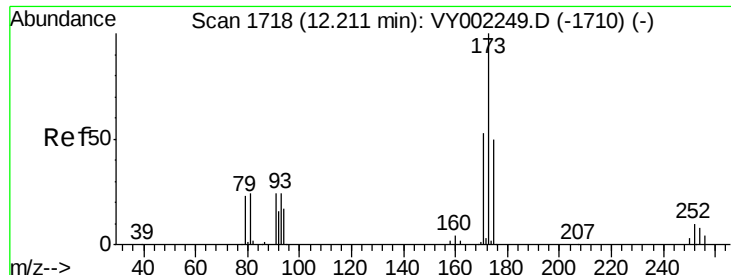
MMDadoda
4/14/2020 10:01:50 AM



#70
Styrene
Concen: 18.818 ug/l
RT: 12.05 min Scan# 1692
Delta R.T. 0.01 min
Lab File: VY002277.D
Acq: 13 Apr 2020 14:11

Tgt Ion:104 Resp: 130739
Ion Ratio Lower Upper
104 100
78 45.2 37.2 55.8
103 54.1 43.4 65.0





#71

Bromoform

Concen: 19.273 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. -0.00 min

Lab File: VY002277.D

Acq: 13 Apr 2020 14:11

Instrument :

MSVOA_Y

ClientSampleId :

VY0413SBS01

Tot Ion:173 Resp: 21526

Ion Ratio Lower Upper

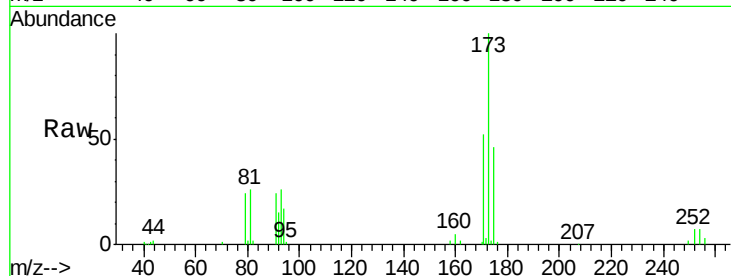
173 100

175 47.1 24.1 72.3

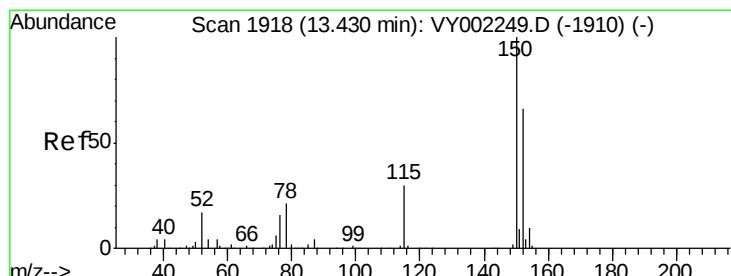
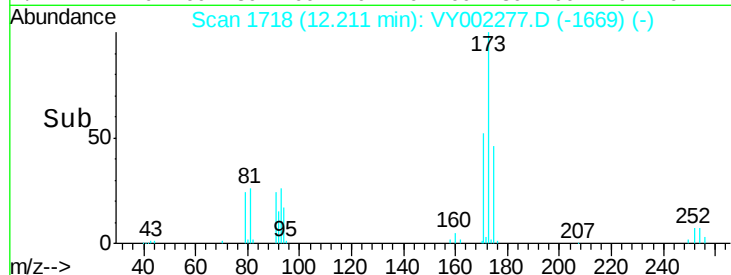
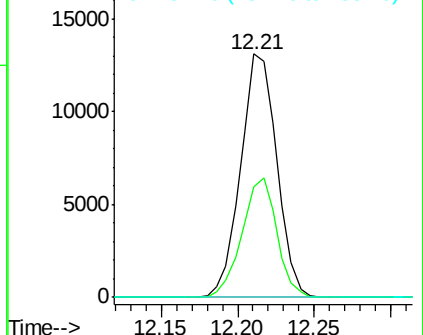
254 0.0 0.0 0.0

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.43 min Scan# 1918

Delta R.T. -0.00 min

Lab File: VY002277.D

Acq: 13 Apr 2020 14:11

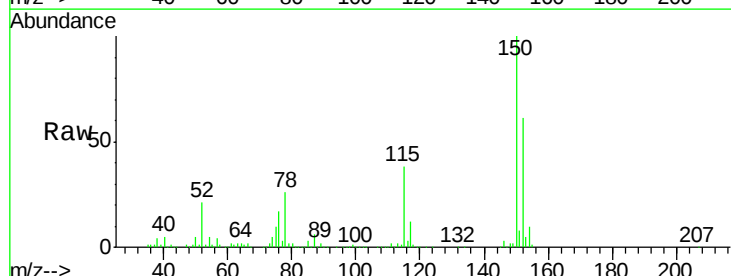
Tgt Ion:152 Resp: 137450

Ion Ratio Lower Upper

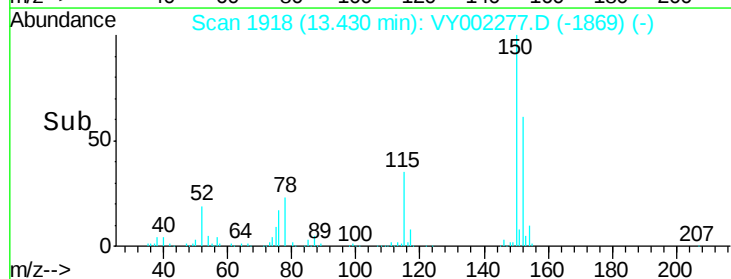
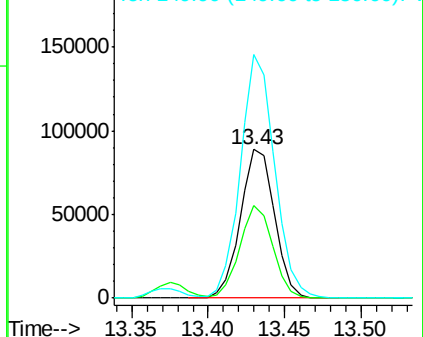
152 100

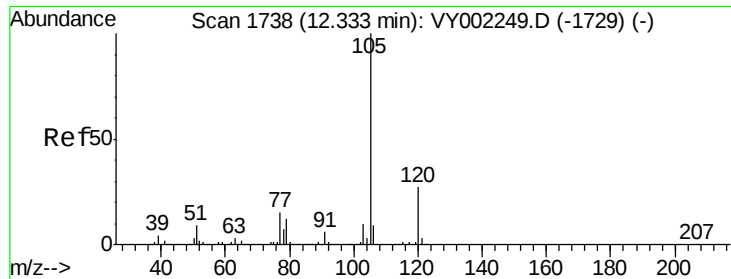
115 60.1 30.7 92.1

150 164.7 0.0 350.6



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





#73

Isopropylbenzene

Concen: 18.792 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. -0.00 min

Lab File: VY002277.D

Acq: 13 Apr 2020 14:11

Instrument :

MSVOA_Y

ClientSampleId :

VY0413SBS01

Tot Ion: 105 Resp: 202915

Ion Ratio Lower Upper

105 100

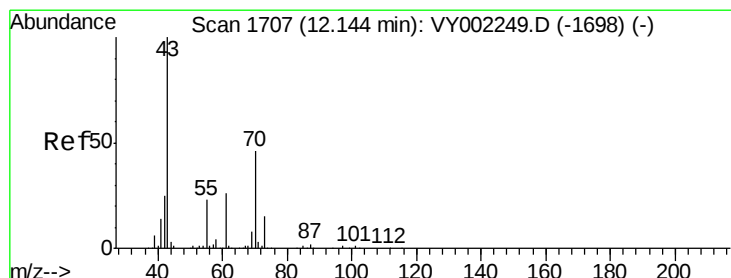
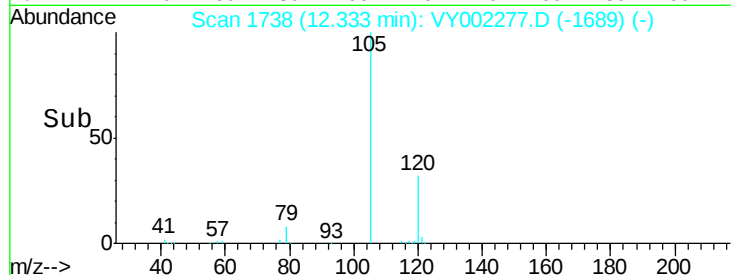
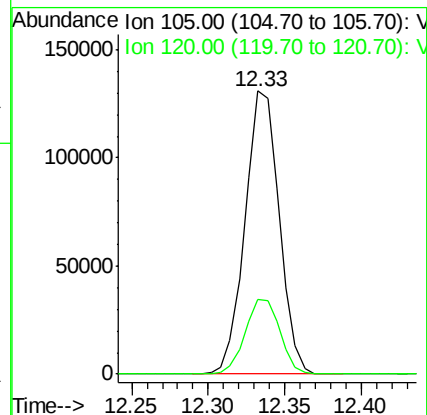
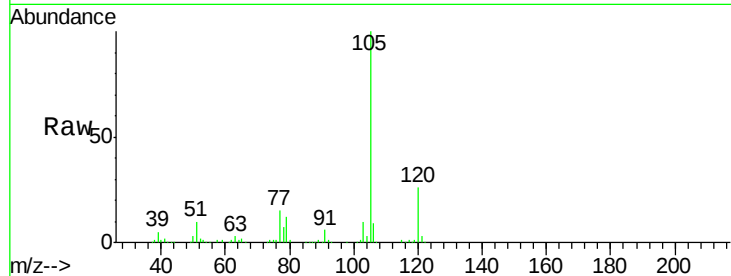
120 27.0 13.3 39.8

Manual Integrations

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4/14/2020 10:01:50 AM



#74

N-ethyl acetate

Concen: 18.637 ug/l

RT: 12.15 min Scan# 1708

Delta R.T. 0.01 min

Lab File: VY002277.D

Acq: 13 Apr 2020 14:11

Tgt Ion: 43 Resp: 57127

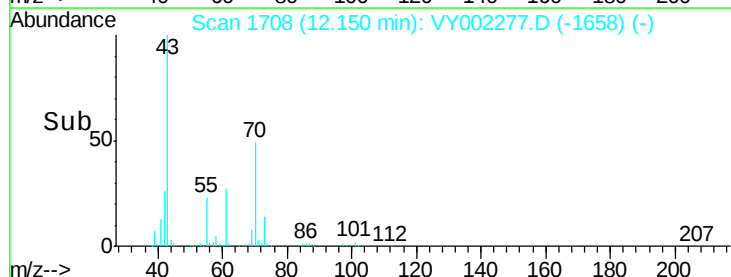
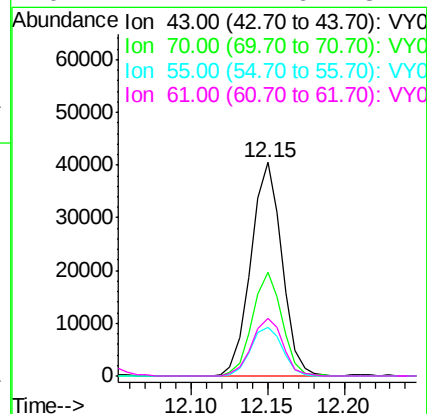
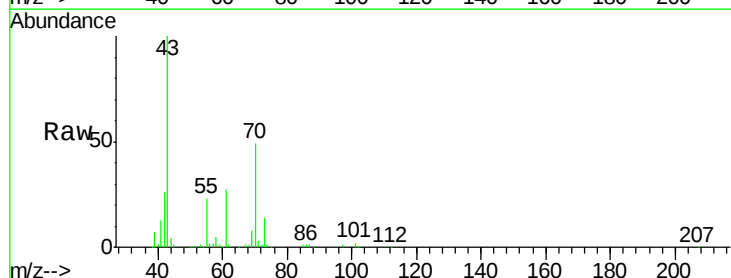
Ion Ratio Lower Upper

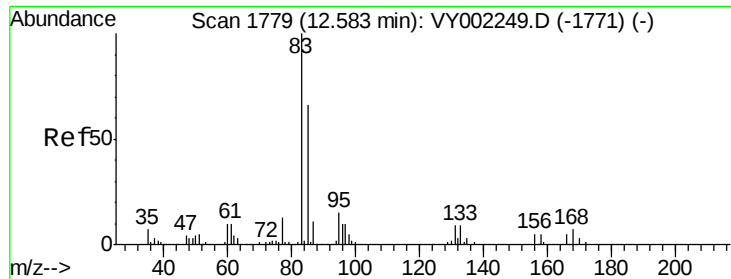
43 100

70 46.7 37.5 56.3

55 23.6 19.0 28.6

61 27.4 21.6 32.4





#75

1,1,2,2-Tetrachloroethane

Concen: 20.645 ug/l

RT: 12.59 min Scan# 1780

Delta R.T. 0.01 min

Lab File: VY002277.D

Acq: 13 Apr 2020 14:11

Instrument :

MSVOA_Y

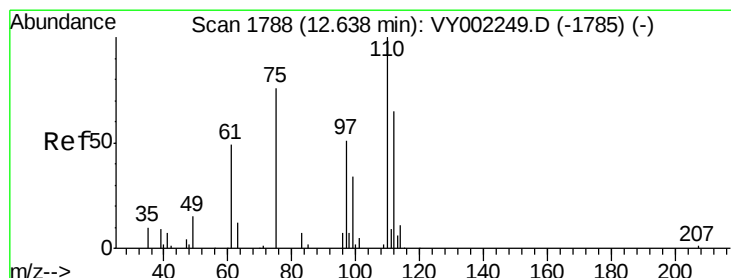
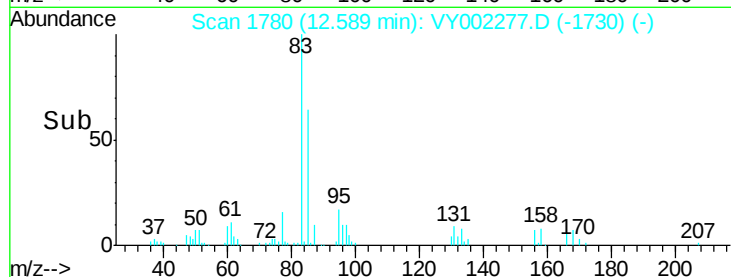
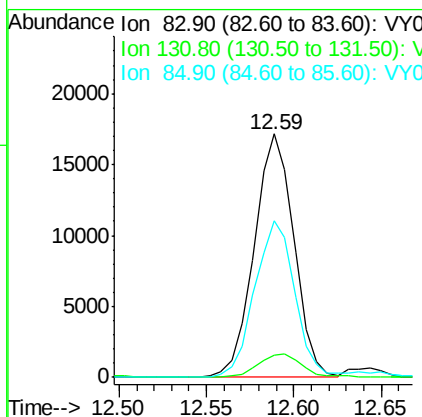
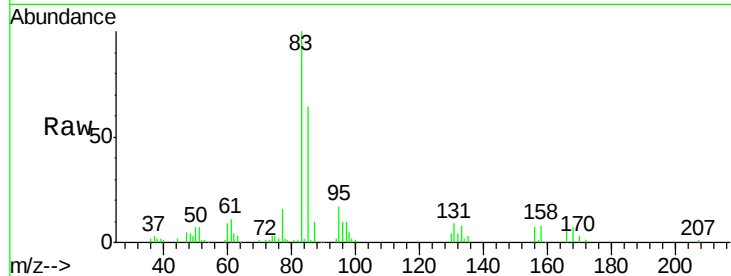
ClientSampleId :

VY0413SBS01

Tot Ion:	83	Resp:	26971
Ion Ratio	Lower	Upper	
83	100		
131	10.6	4.9	14.7
85	65.1	32.6	97.8

Manual Integrations
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MMDadoda
4/14/2020 10:01:50 AM



#76

1,2,3-Trichloropropane

Concen: 19.210 ug/l m

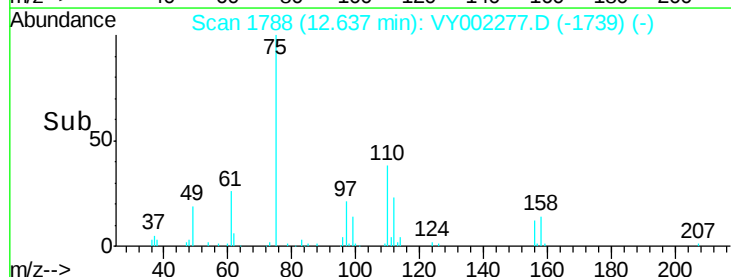
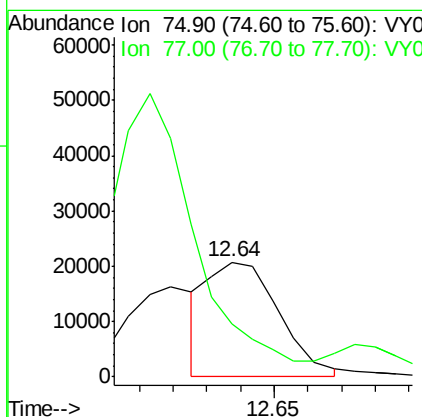
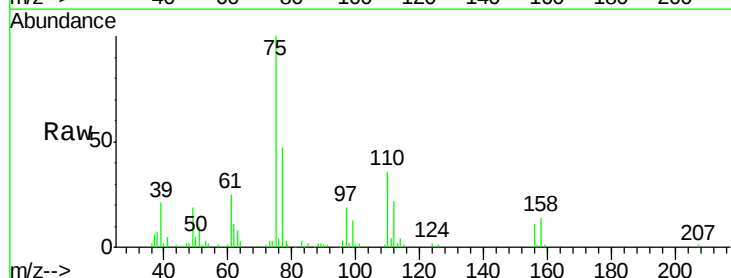
RT: 12.64 min Scan# 1788

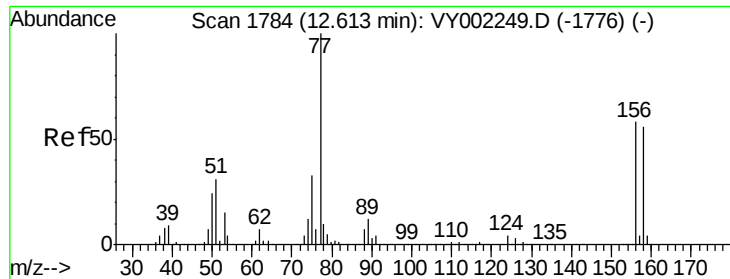
Delta R.T. -0.00 min

Lab File: VY002277.D

Acq: 13 Apr 2020 14:11

Tgt Ion:	75	Resp:	30661
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





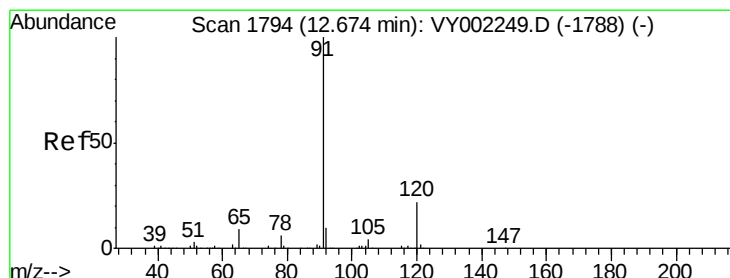
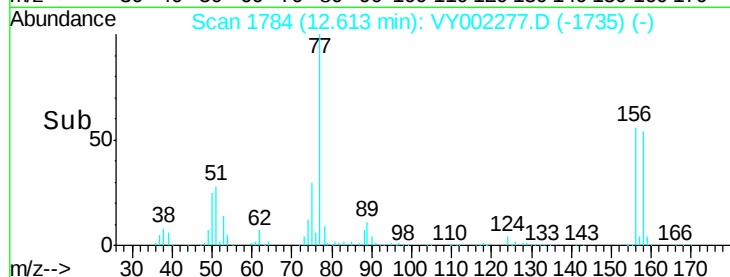
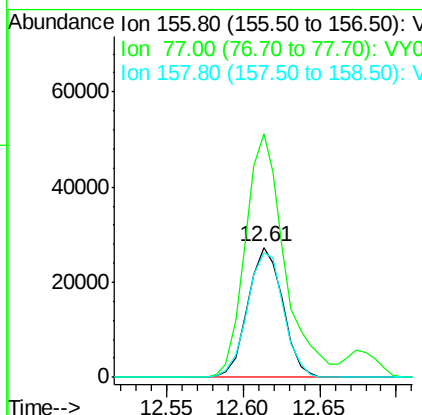
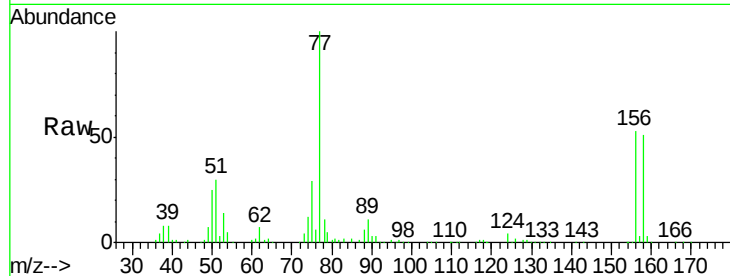
#77
Bromobenzene
Concen: 18.211 ug/l
RT: 12.61 min Scan# 1784
Delta R.T. -0.00 min
Lab File: VY002277.D
Acq: 13 Apr 2020 14:11

Instrument :
MSVOA_Y
ClientSampleId :
VY0413SBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	212.2	101.3	303.9
158	99.6	48.3	144.8

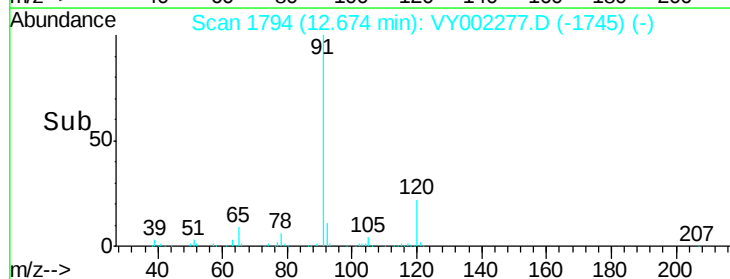
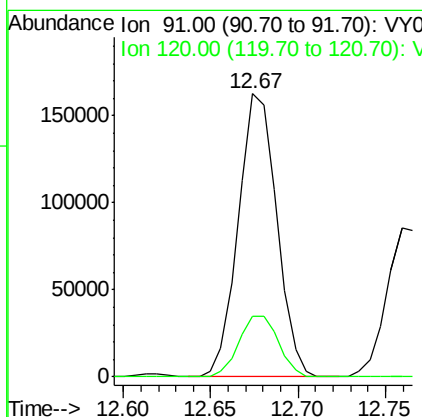
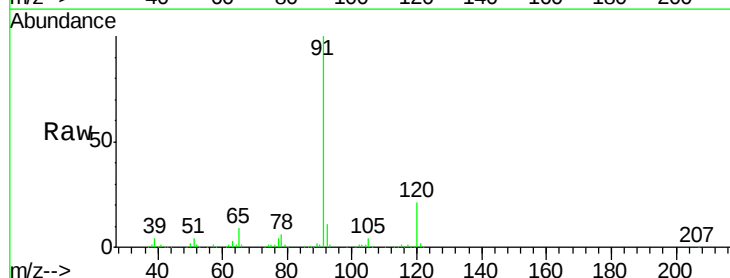
Manual Integrations
APPROVED

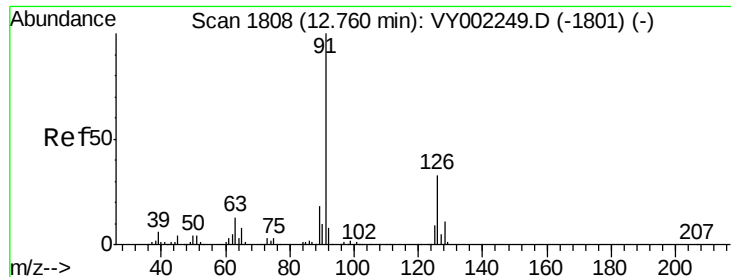
MMDadoda
4/14/2020 10:01:50 AM



#78
n-propylbenzene
Concen: 18.547 ug/l
RT: 12.67 min Scan# 1794
Delta R.T. -0.00 min
Lab File: VY002277.D
Acq: 13 Apr 2020 14:11

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.4	11.2	33.5





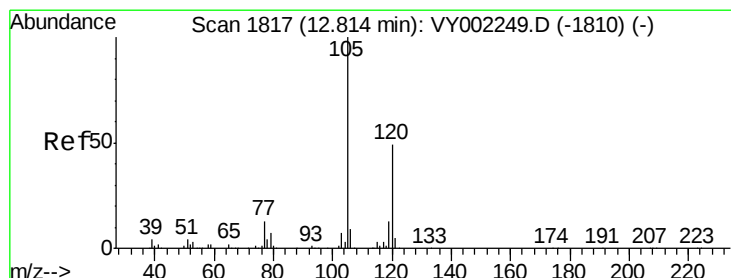
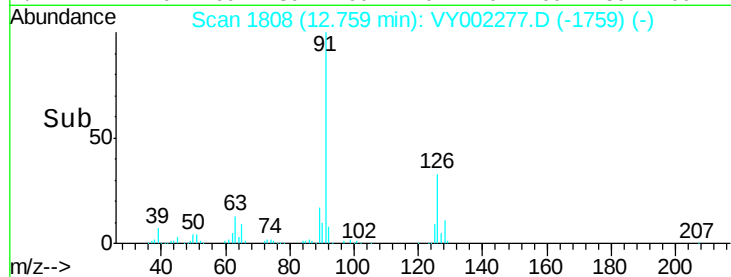
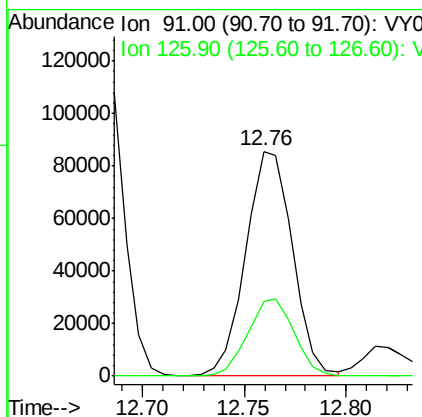
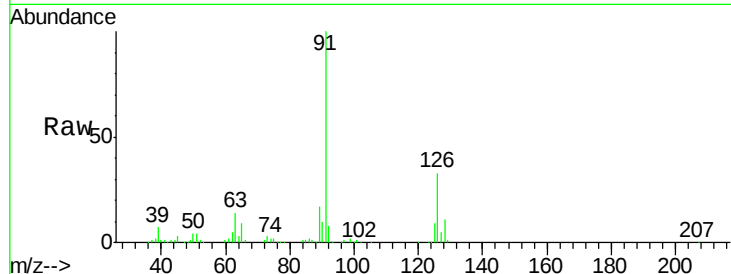
#79
2-Chlorotoluene
Concen: 18.700 ug/l
RT: 12.76 min Scan# 1808
Delta R.T. -0.00 min
Lab File: VY002277.D
Acq: 13 Apr 2020 14:11

Instrument :
MSVOA_Y
ClientSampleId :
VY0413SBS01

Tot Ion: 91 Resp: 136479
Ion Ratio Lower Upper
91 100
126 33.9 16.9 50.7

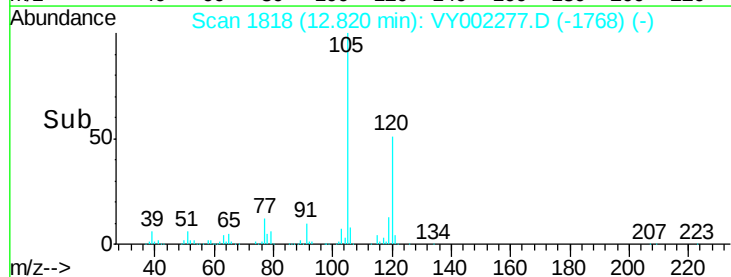
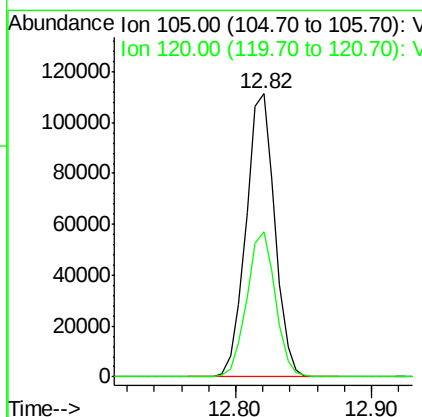
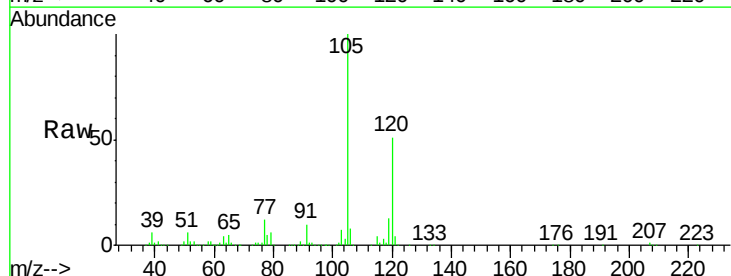
Manual Integrations
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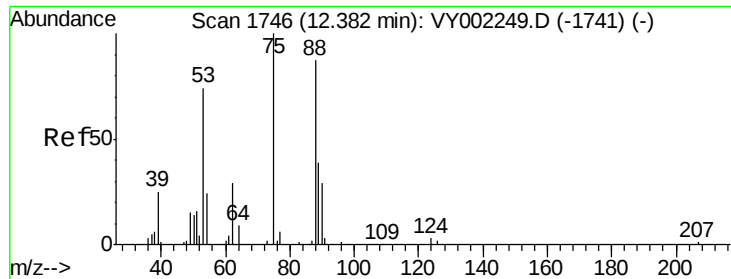
MMDadoda
4/14/2020 10:01:50 AM



#80
1,3,5-Trimethylbenzene
Concen: 18.464 ug/l
RT: 12.82 min Scan# 1818
Delta R.T. 0.01 min
Lab File: VY002277.D
Acq: 13 Apr 2020 14:11

Tgt Ion:105 Resp: 164889
Ion Ratio Lower Upper
105 100
120 50.8 24.7 74.1





#81

trans-1,4-Dichloro-2-butene

Concen: 19.257 ug/l

RT: 12.39 min Scan# 1747

Delta R.T. 0.01 min

Lab File: VY002277.D

Acq: 13 Apr 2020 14:11

Instrument :

MSVOA_Y

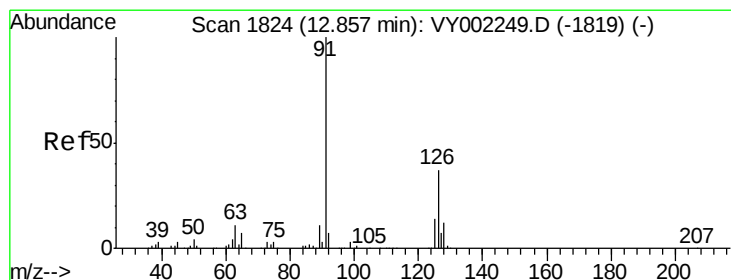
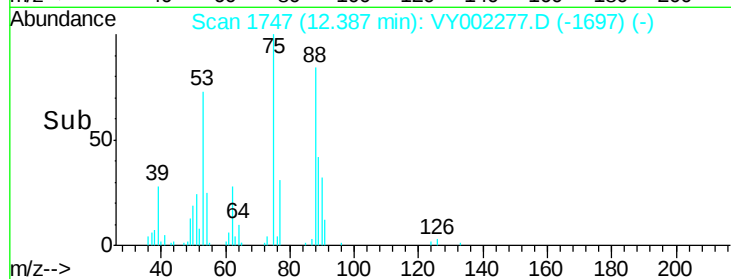
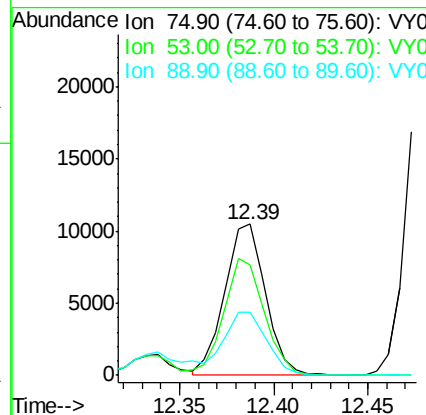
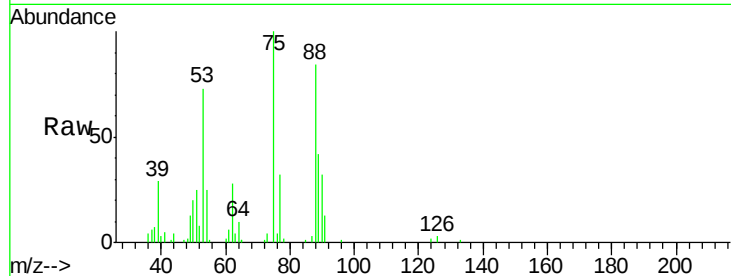
ClientSampleId :

VY0413SBS01

Tot Ion:	75	Resp:	15803
Ion	Ratio	Lower	Upper
75	100		
53	76.8	59.8	89.8
89	43.6	37.0	55.6

Manual Integrations
APPROVED

MMDadoda
4/14/2020 10:01:50 AM



#82

4-Chlorotoluene

Concen: 18.671 ug/l

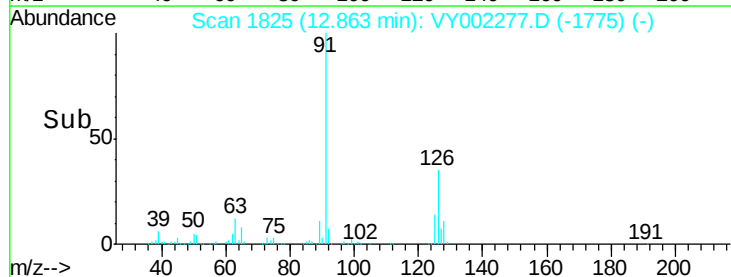
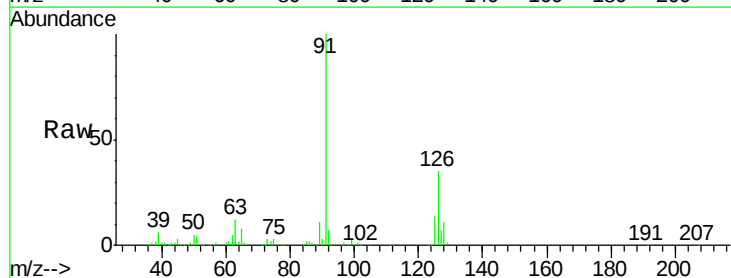
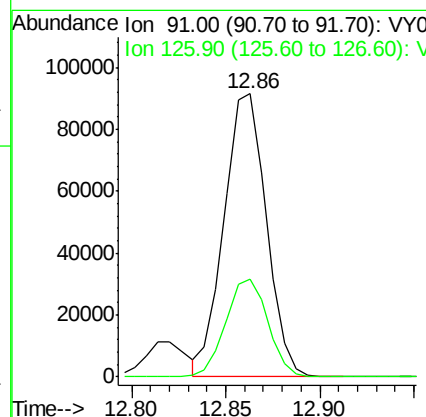
RT: 12.86 min Scan# 1825

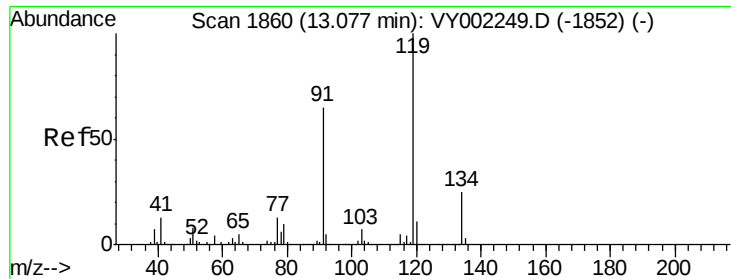
Delta R.T. 0.01 min

Lab File: VY002277.D

Acq: 13 Apr 2020 14:11

Tgt Ion:	91	Resp:	142823
Ion	Ratio	Lower	Upper
91	100		
126	34.3	16.9	50.7





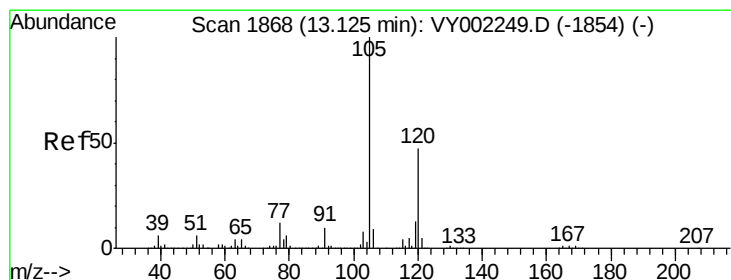
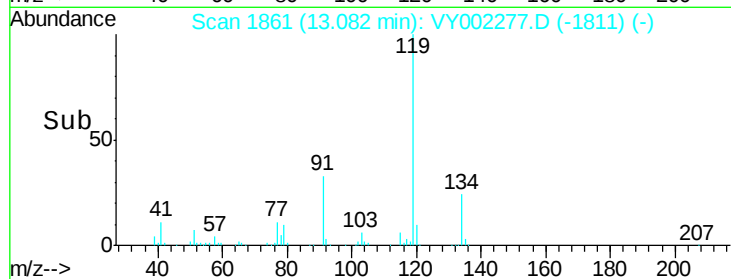
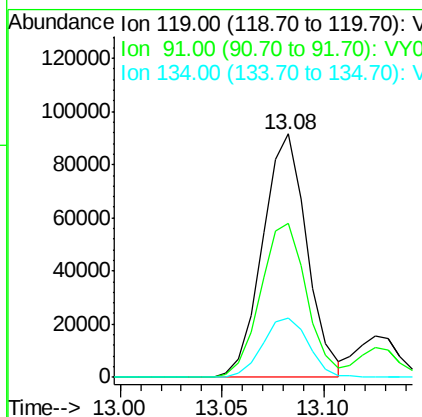
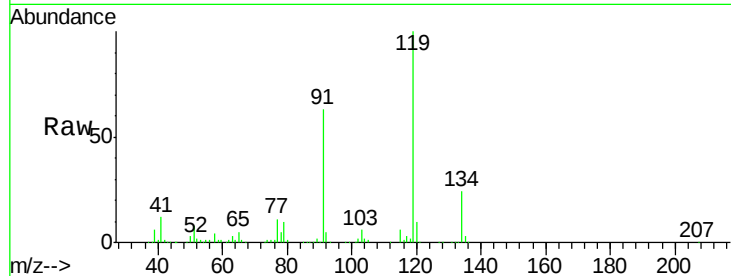
#83
 tert-Butylbenzene
 Concen: 18.581 ug/l
 RT: 13.08 min Scan# 1861
 Delta R.T. 0.01 min
 Lab File: VY002277.D
 Acq: 13 Apr 2020 14:11

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0413SBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	138991		
91	65.4	32.4	97.0	
134	25.3	12.6	37.6	

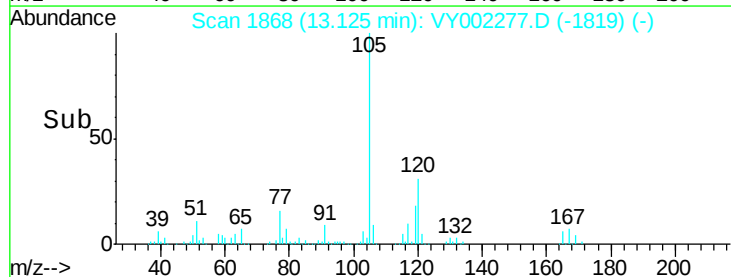
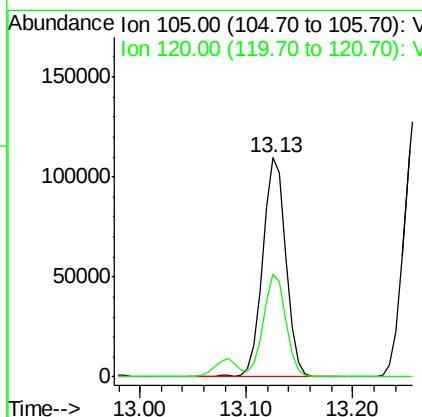
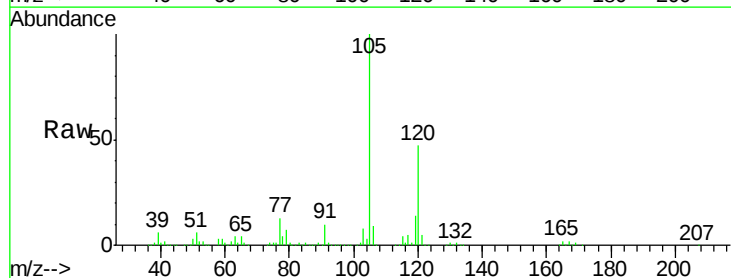
Manual Integrations
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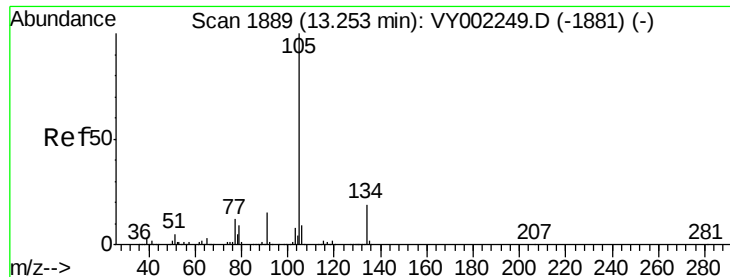
MMDadoda
 4/14/2020 10:01:50 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 18.766 ug/l
 RT: 13.13 min Scan# 1868
 Delta R.T. -0.00 min
 Lab File: VY002277.D
 Acq: 13 Apr 2020 14:11

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	167352		
120	45.2	23.1	69.2	





#85

sec-Butylbenzene

Concen: 18.622 ug/l

RT: 13.26 min Scan# 1890

Delta R.T. 0.01 min

Lab File: VY002277.D

Acq: 13 Apr 2020 14:11

Instrument :

MSVOA_Y

ClientSampleId :

VY0413SBS01

Tot Ion:105 Resp: 207513

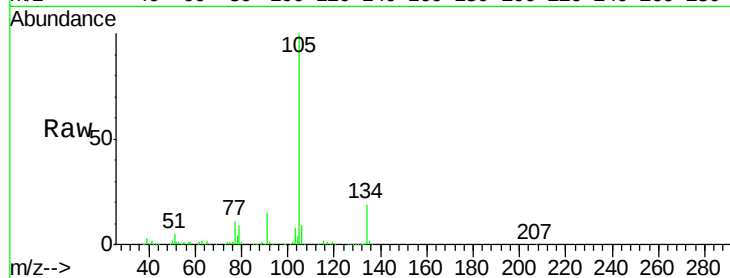
Ion Ratio Lower Upper

105 100

134 19.4 9.8 29.3

Manual Integrations
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MMDadoda
4/14/2020 10:01:50 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

150000

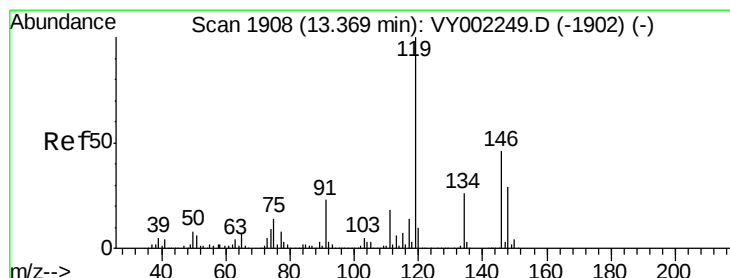
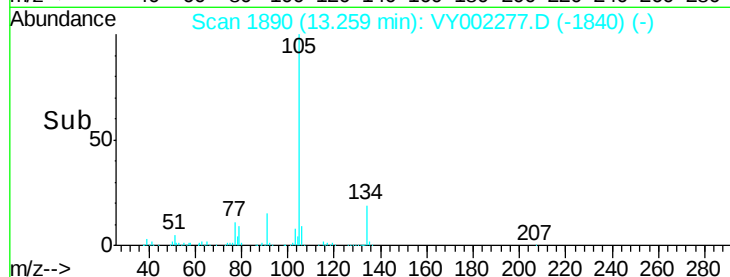
100000

50000

0

Time-->

13.20 13.30



#86

p-Isopropyltoluene

Concen: 18.901 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. 0.01 min

Lab File: VY002277.D

Acq: 13 Apr 2020 14:11

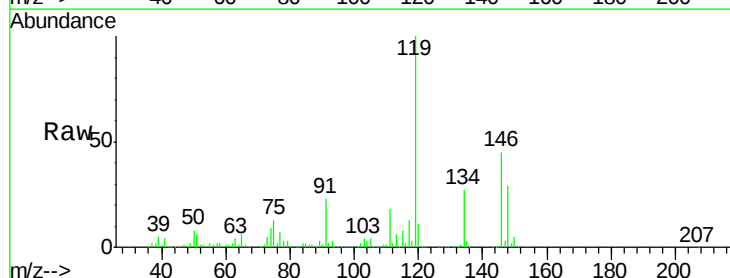
Tgt Ion:119 Resp: 181272

Ion Ratio Lower Upper

119 100

134 26.3 13.3 39.9

91 22.4 11.5 34.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

150000

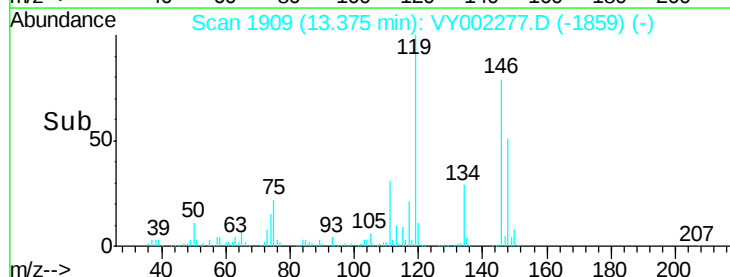
100000

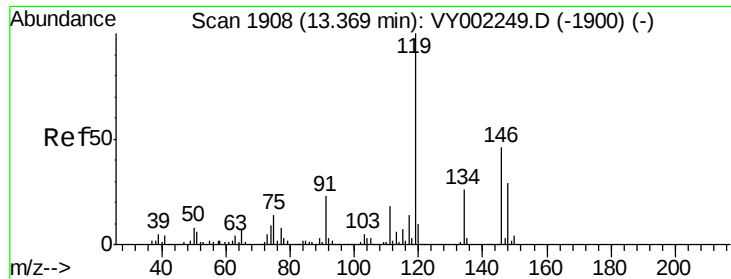
50000

0

Time-->

13.30 13.35 13.40





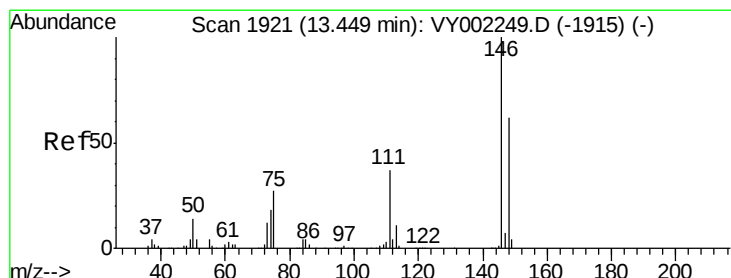
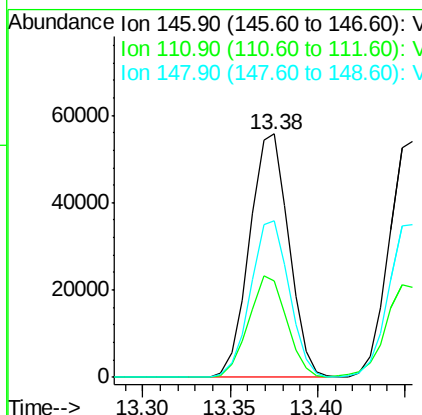
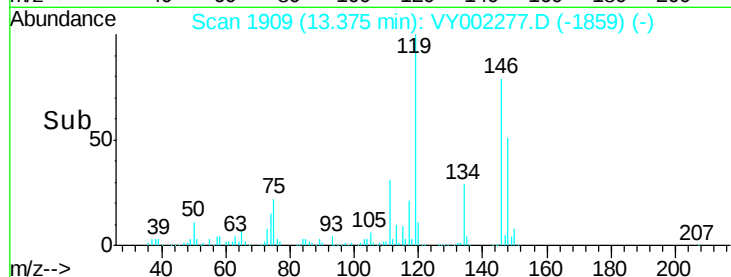
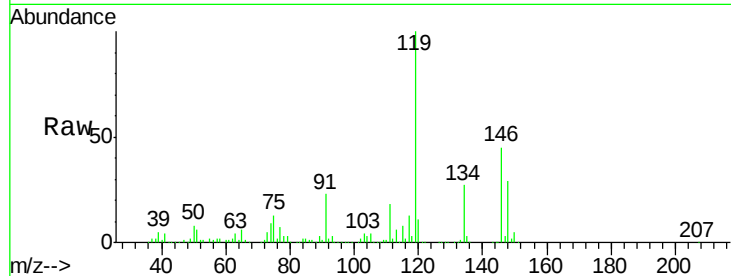
#87
 1,3-Dichlorobenzene
 Concen: 18.925 ug/l
 RT: 13.38 min Scan# 1909
 Delta R.T. 0.01 min
 Lab File: VY002277.D
 Acq: 13 Apr 2020 14:11

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0413SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.5	20.3	60.8
148	63.3	32.1	96.3

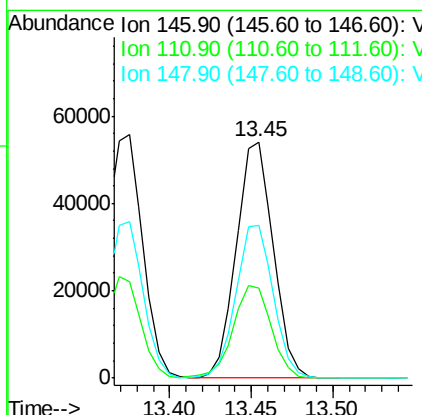
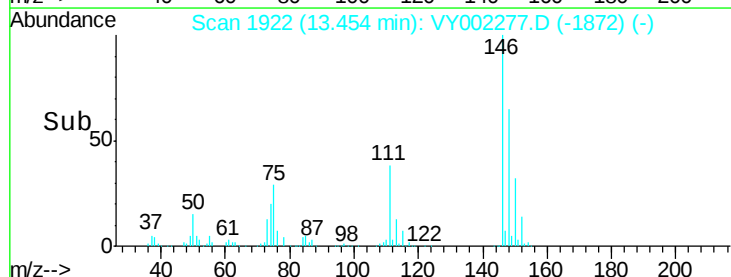
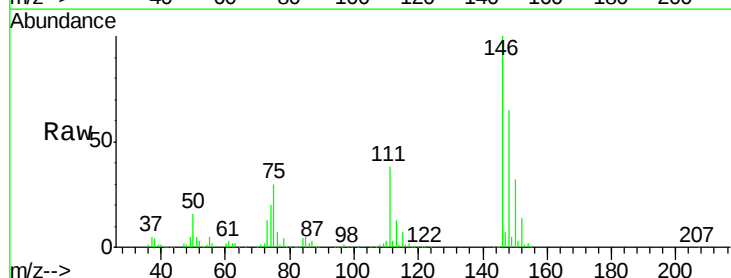
Manual Integrations
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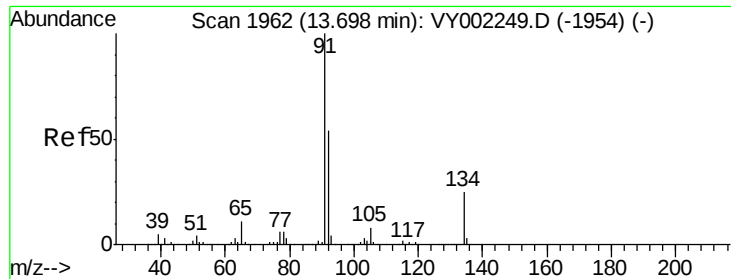
MMDadoda
 4/14/2020 10:01:50 AM



#88
 1,4-Dichlorobenzene
 Concen: 18.246 ug/l
 RT: 13.45 min Scan# 1922
 Delta R.T. 0.01 min
 Lab File: VY002277.D
 Acq: 13 Apr 2020 14:11

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.6	19.6	58.8
148	65.4	32.0	96.0





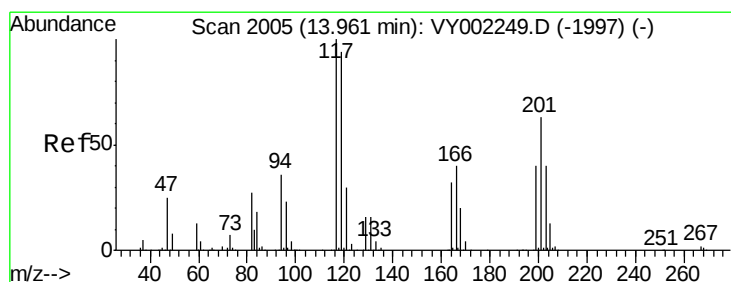
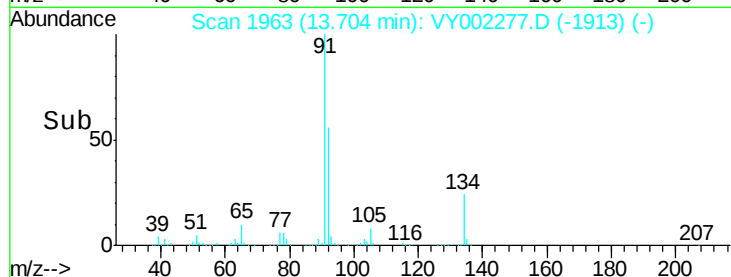
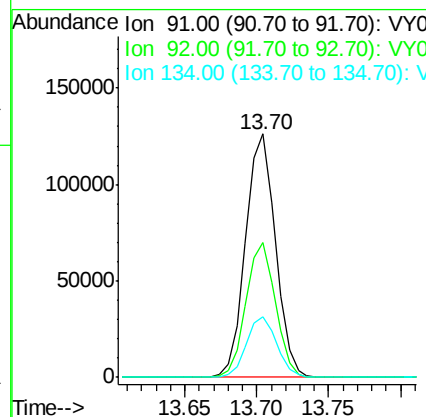
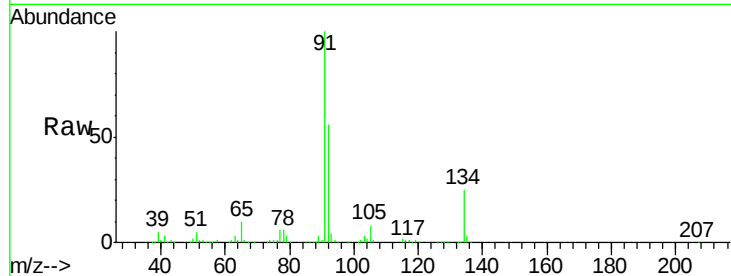
#89
n-Butylbenzene
Concen: 18.460 ug/l
RT: 13.70 min Scan# 1963
Delta R.T. 0.01 min
Lab File: VY002277.D
Acq: 13 Apr 2020 14:11

Instrument :
MSVOA_Y
ClientSampleId :
VY0413SBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	54.5	27.2	81.6	
134	25.1	12.7	38.0	

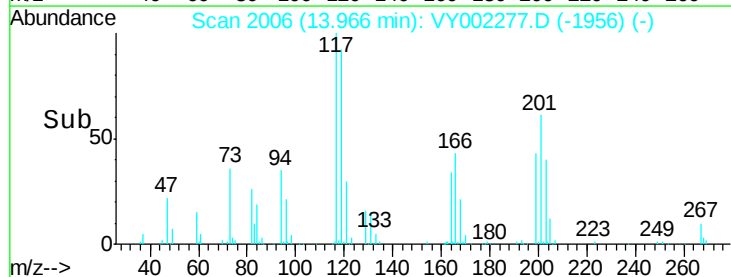
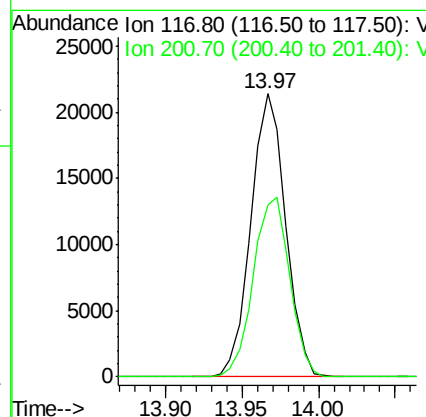
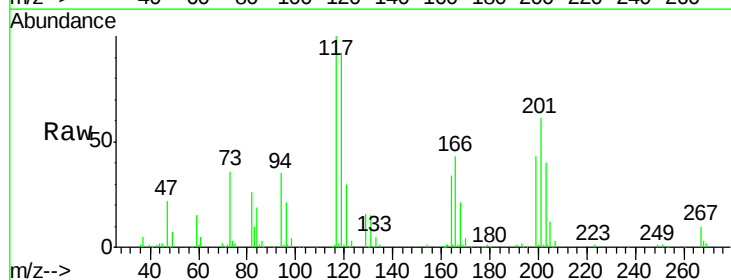
Manual Integrations
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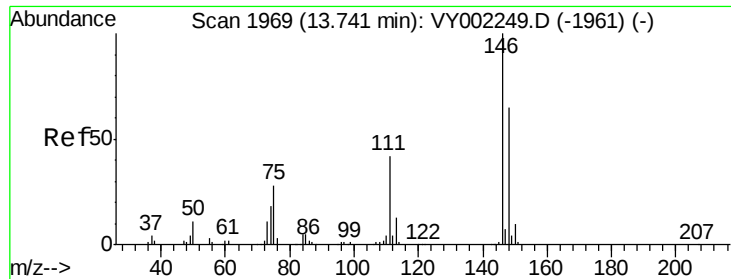
MMDadoda
4/14/2020 10:01:50 AM



#90
Hexachloroethane
Concen: 18.507 ug/l
RT: 13.97 min Scan# 2006
Delta R.T. 0.01 min
Lab File: VY002277.D
Acq: 13 Apr 2020 14:11

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	66.6	33.1	99.2	





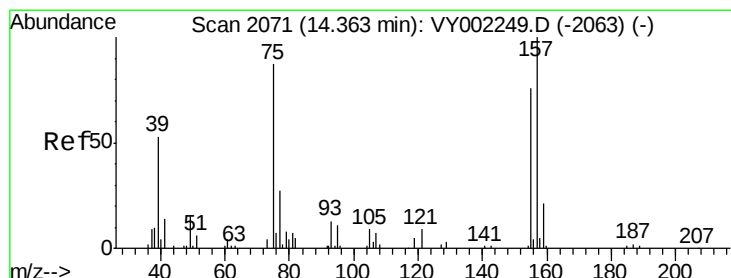
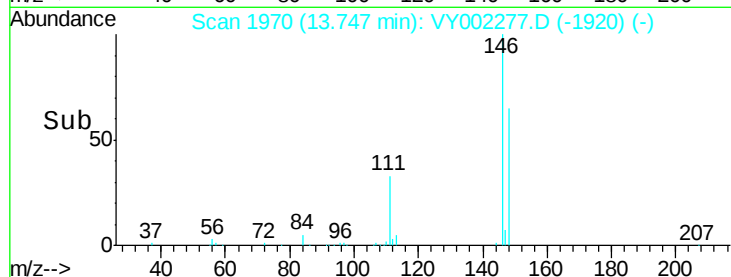
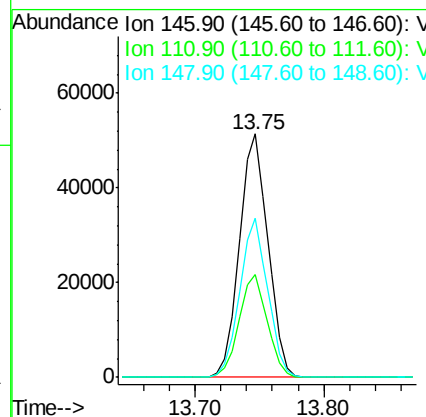
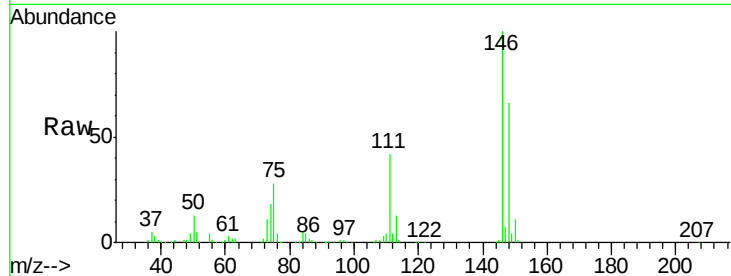
#91
 1,2-Dichlorobenzene
 Concen: 18.830 ug/l
 RT: 13.75 min Scan# 1970
 Delta R.T. 0.01 min
 Lab File: VY002277.D
 Acq: 13 Apr 2020 14:11

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0413SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.7	21.1	63.1
148	63.9	31.9	95.9

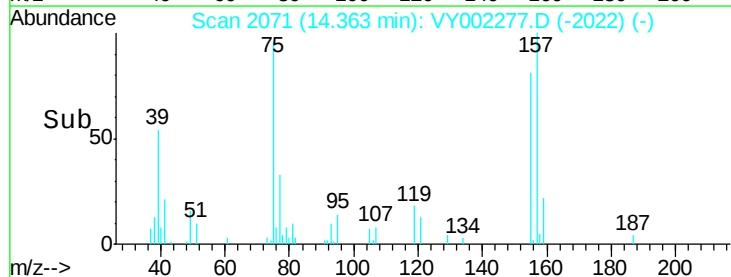
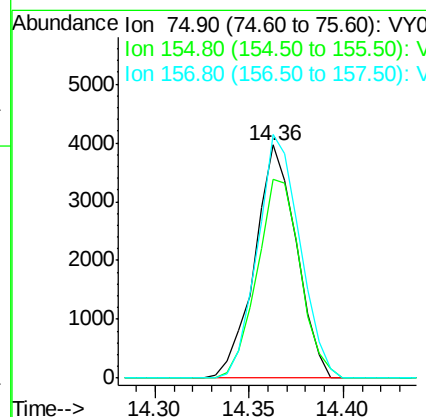
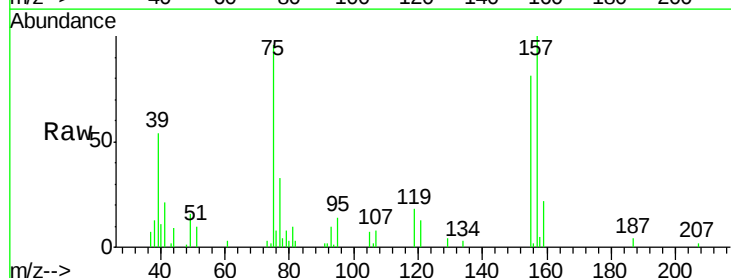
Manual Integrations
 APPROVED

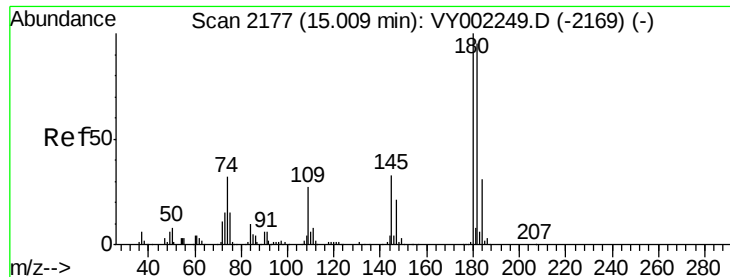
MMDadoda
 4/14/2020 10:01:50 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.226 ug/l
 RT: 14.36 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VY002277.D
 Acq: 13 Apr 2020 14:11

Tgt Ion	Ratio	Lower	Upper
75	100		
155	88.1	43.6	130.8
157	106.1	56.0	168.2





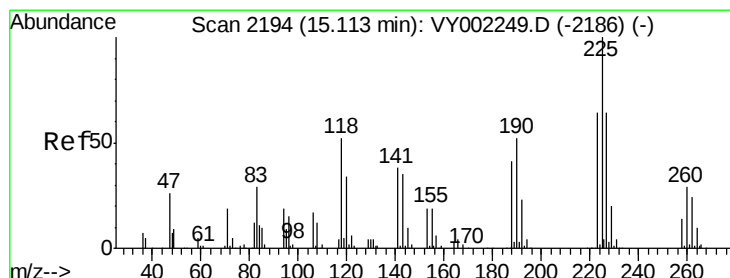
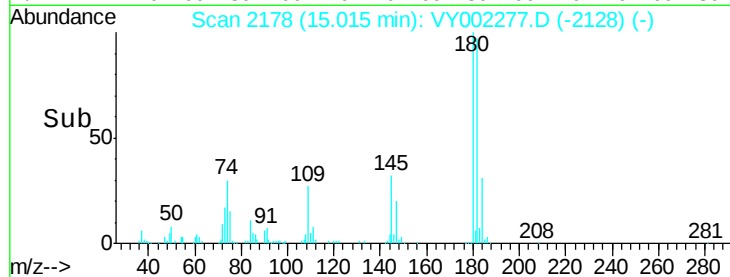
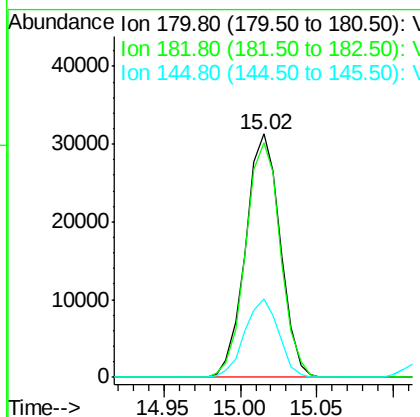
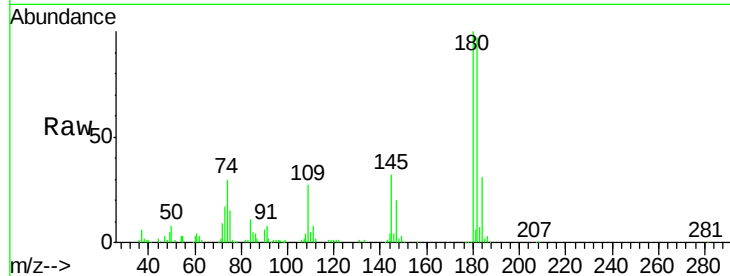
#93
 1,2,4-Trichlorobenzene
 Concen: 18.042 ug/l
 RT: 15.02 min Scan# 2178
 Delta R.T. 0.01 min
 Lab File: VY002277.D
 Acq: 13 Apr 2020 14:11

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0413SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	49338		
182	96.8	47.9	143.7	
145	31.6	16.0	48.0	

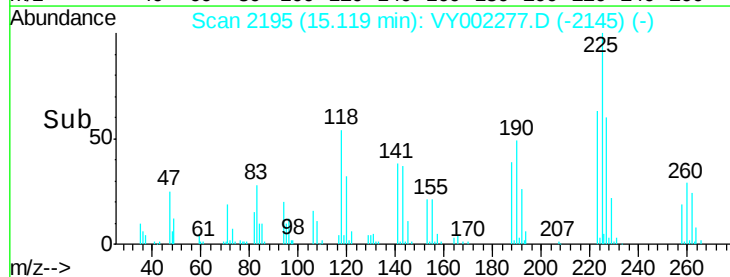
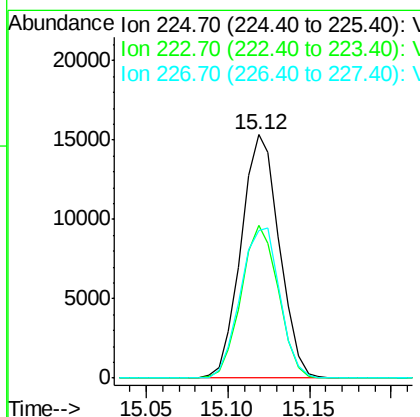
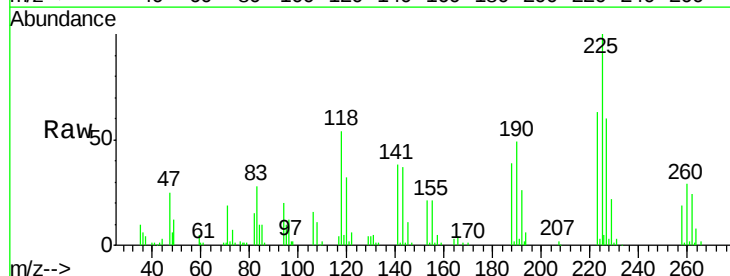
Manual Integrations
 APPROVED

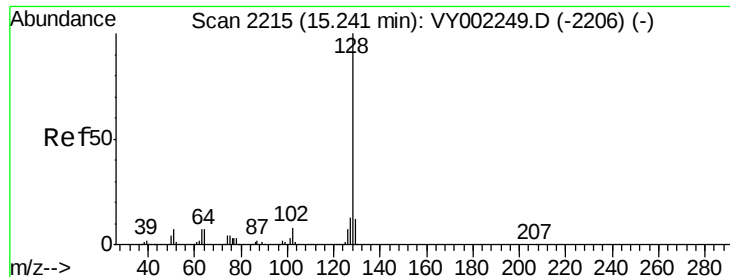
MMDadoda
 4/14/2020 10:01:50 AM



#94
 Hexachlorobutadiene
 Concen: 18.125 ug/l
 RT: 15.12 min Scan# 2195
 Delta R.T. 0.01 min
 Lab File: VY002277.D
 Acq: 13 Apr 2020 14:11

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	24964		
223	61.1	31.0	93.0	
227	63.3	31.3	93.9	





#95

Naphthalene

Concen: 18.062 ug/l

RT: 15.24 min Scan# 2215

Delta R.T. -0.00 min

Lab File: VY002277.D

Acq: 13 Apr 2020 14:11

Instrument :

MSVOA_Y

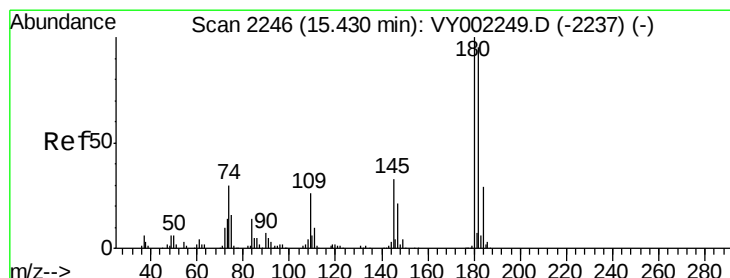
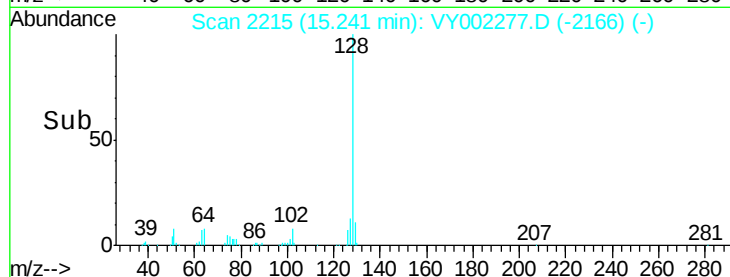
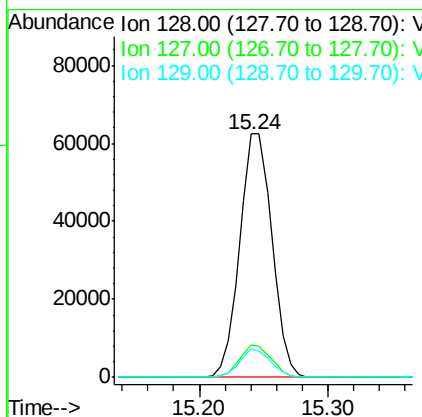
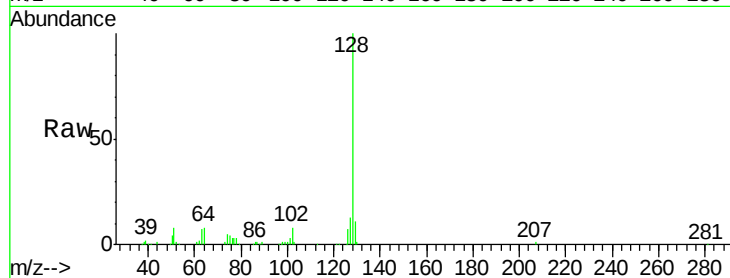
ClientSampleId :

VY0413SBS01

Tot Ion:	128	Resp:	108143
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.1	15.1
129	11.1	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
4/14/2020 10:01:50 AM



#96

1,2,3-Trichlorobenzene

Concen: 18.266 ug/l

RT: 15.43 min Scan# 2246

Delta R.T. -0.00 min

Lab File: VY002277.D

Acq: 13 Apr 2020 14:11

Tgt Ion:	180	Resp:	43371
Ion Ratio	Lower	Upper	
180	100		
182	92.7	47.1	141.3
145	32.8	16.7	50.1

