

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY041520\
 Data File : VY002327.D
 Acq On : 15 Apr 2020 11:38
 Operator : SY/MD
 Sample : VY0415SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0415SBS01

Manual Integrations
 APPROVED

MMDadoda
 4/16/2020 10:31:56 AM

Quant Time: Apr 16 06:57:22 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	7.82	168	148949	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.71	114	269320	50.00	ug/l	0.01
63) Chlorobenzene-d5	11.50	117	240090	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.44	152	109426	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	85154	51.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.82%	
35) Dibromofluoromethane	7.74	113	90401	56.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.82%	
50) Toluene-d8	10.19	98	379304	56.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.10%	
62) 4-Bromofluorobenzene	12.49	95	121964	55.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.22%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.91	85	29753	19.765 ug/l	97
3) Chloromethane	2.13	50	38793	20.476 ug/l	97
4) Vinyl Chloride	2.27	62	42315	20.984 ug/l	100
5) Bromomethane	2.66	94	26645	21.397 ug/l	97
6) Chloroethane	2.81	64	24185	20.796 ug/l	100
7) Trichlorofluoromethane	3.15	101	54768	21.030 ug/l	100
8) Diethyl Ether	3.55	74	24958	22.543 ug/l	90
9) 1,1,2-Trichlorotrifluoroet	3.93	101	38062	21.516 ug/l	98
10) Methyl Iodide	4.12	142	41170	20.021 ug/l	97
11) Tert butyl alcohol	4.98	59	26438	134.339 ug/l #	95
12) 1,1-Dichloroethene	3.90	96	39434	21.926 ug/l	91
13) Acrolein	3.76	56	19741	92.432 ug/l	99
14) Allyl chloride	4.51	41	56654	19.507 ug/l	95
15) Acrylonitrile	5.21	53	58951	104.123 ug/l	99
16) Acetone	3.97	43	46031	105.510 ug/l	92
17) Carbon Disulfide	4.22	76	126611	21.197 ug/l	100
18) Methyl Acetate	4.51	43	27314	20.184 ug/l	97
19) Methyl tert-butyl Ether	5.26	73	98238	20.777 ug/l	97
20) Methylene Chloride	4.75	84	49301	22.991 ug/l	95
21) trans-1,2-Dichloroethene	5.25	96	44193	21.891 ug/l	94
22) Diisopropyl ether	6.15	45	115939	19.836 ug/l	98
23) Vinyl Acetate	6.10	43	363657	97.636 ug/l	97
24) 1,1-Dichloroethane	6.05	63	69175	20.808 ug/l	99
25) 2-Butanone	7.02	43	69407	100.528 ug/l	95
26) 2,2-Dichloropropane	7.01	77	57840	20.799 ug/l	99
27) cis-1,2-Dichloroethene	7.02	96	47141	21.422 ug/l	95
28) Bromochloromethane	7.36	49	29440	20.514 ug/l	97
29) Tetrahydrofuran	7.38	42	44478	97.457 ug/l	96
30) Chloroform	7.53	83	65983	21.055 ug/l	100
31) Cyclohexane	7.81	56	70236	20.127 ug/l #	90
32) 1,1,1-Trichloroethane	7.73	97	55022	21.094 ug/l	98
36) 1,1-Dichloropropene	7.94	75	55606	20.962 ug/l	98
37) Ethyl Acetate	7.11	43	28796	19.001 ug/l #	95
38) Carbon Tetrachloride	7.93	117	47676	21.011 ug/l	98

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MMDadoda
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.20	83	76299	21.144	ug/l	96
40) Benzene	8.18	78	172785	21.468	ug/l	100
41) Methacrylonitrile	7.35	41	15578m	17.425	ug/l	
42) 1,2-Dichloroethane	8.26	62	39200	19.662	ug/l	96
43) Isopropyl Acetate	8.29	43	52464	18.982	ug/l	96
44) Trichloroethene	8.96	130	50289	21.252	ug/l	90
45) 1,2-Dichloropropane	9.24	63	41815	20.939	ug/l	100
46) Dibromomethane	9.32	93	21813	20.891	ug/l	98
47) Bromodichloromethane	9.51	83	49614	20.709	ug/l	97
48) Methyl methacrylate	9.31	41	23353	18.844	ug/l	94
49) 1,4-Dioxane	9.32	88	5914	400.411	ug/l	98
51) 4-Methyl-2-Pentanone	10.08	43	146199	101.512	ug/l	96
52) Toluene	10.26	92	105794	21.811	ug/l	100
53) t-1,3-Dichloropropene	10.48	75	54086	20.720	ug/l	99
54) cis-1,3-Dichloropropene	9.94	75	65854	20.984	ug/l	94
55) 1,1,2-Trichloroethane	10.66	97	33134	21.675	ug/l	95
56) Ethyl methacrylate	10.52	69	45110	20.676	ug/l	90
57) 1,3-Dichloropropane	10.80	76	56865	21.164	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.80	63	120669	106.803	ug/l	98
59) 2-Hexanone	10.85	43	96592	96.636	ug/l	93
60) Dibromochloromethane	11.00	129	35594	21.837	ug/l	97
61) 1,2-Dibromoethane	11.10	107	30939	21.260	ug/l	99
64) Tetrachloroethene	10.74	164	53108	21.879	ug/l	97
65) Chlorobenzene	11.53	112	109542	21.949	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.60	131	35770	21.708	ug/l	99
67) Ethyl Benzene	11.61	91	198560	21.733	ug/l	98
68) m/p-Xylenes	11.71	106	149235	43.610	ug/l	98
69) o-Xylene	12.04	106	70997	22.099	ug/l	95
70) Styrene	12.05	104	122100	21.906	ug/l	97
71) Bromoform	12.22	173	19291	21.528	ug/l #	96
73) Isopropylbenzene	12.34	105	186851	21.735	ug/l	100
74) N-amyl acetate	12.16	43	45026	18.451	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.60	83	24002	23.077	ug/l	99
76) 1,2,3-Trichloropropane	12.65	75	27036m	21.277	ug/l	
77) Bromobenzene	12.62	156	40900	21.625	ug/l	97
78) n-propylbenzene	12.68	91	228936	21.413	ug/l	100
79) 2-Chlorotoluene	12.77	91	123872	21.319	ug/l	99
80) 1,3,5-Trimethylbenzene	12.83	105	153532	21.595	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.39	75	13705	20.978	ug/l	98
82) 4-Chlorotoluene	12.87	91	129112	21.201	ug/l	98
83) tert-Butylbenzene	13.09	119	128181	21.524	ug/l	98
84) 1,2,4-Trimethylbenzene	13.13	105	151329	21.315	ug/l	99
85) sec-Butylbenzene	13.27	105	191448	21.580	ug/l	99
86) p-Isopropyltoluene	13.38	119	168026	22.006	ug/l	98
87) 1,3-Dichlorobenzene	13.38	146	79522	21.695	ug/l	99
88) 1,4-Dichlorobenzene	13.46	146	80690	21.687	ug/l	99
89) n-Butylbenzene	13.71	91	164495	21.018	ug/l	100
90) Hexachloroethane	13.97	117	29865	20.526	ug/l	97
91) 1,2-Dichlorobenzene	13.75	146	73010	21.920	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.37	75	5121	20.358	ug/l	92

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QLast Update : Wed Apr 08 15:15:02 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	45041	20.689	ug/l	98
94) Hexachlorobutadiene	15.13	225	22821	20.813	ug/l	99
95) Naphthalene	15.25	128	97877	20.534	ug/l	100
96) 1,2,3-Trichlorobenzene	15.44	180	38473	20.352	ug/l	99

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

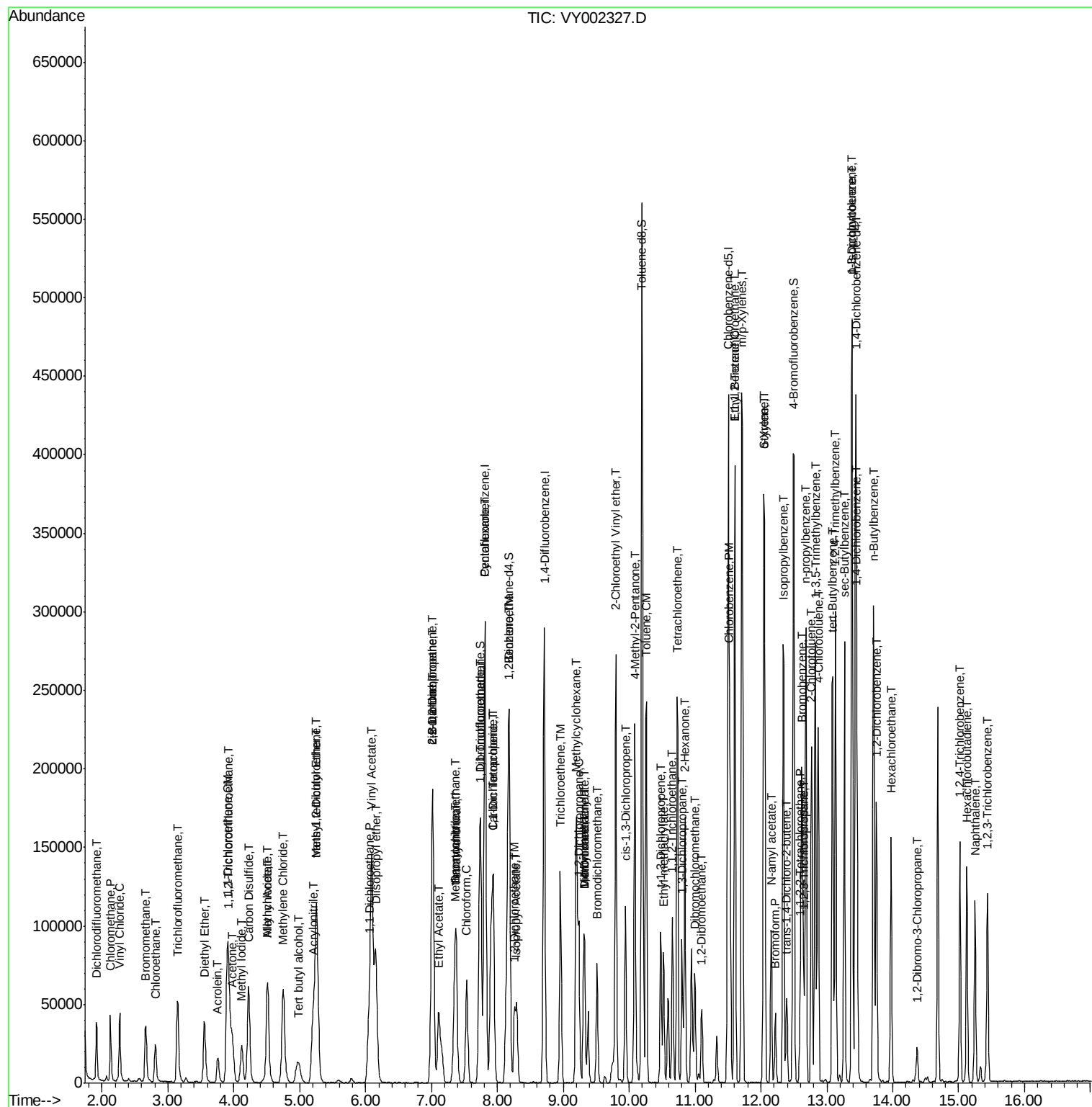
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Data File : VY002327.D
Acq On : 15 Apr 2020 11:38
Operator : SY/MD
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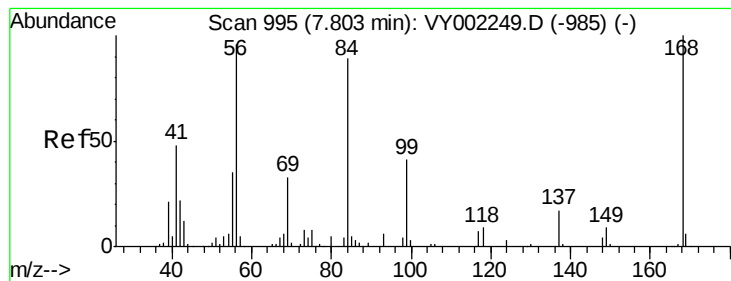
Instrument :
MSVOA_Y
ClientSampleId :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.01 min

Lab File: VY002327.D

Acq: 15 Apr 2020 11:38

Instrument :

MSVOA_Y

ClientSampleId :

VY0415SBS01

Tot Ion:168 Resp: 148949

Ion Ratio Lower Upper

168 100

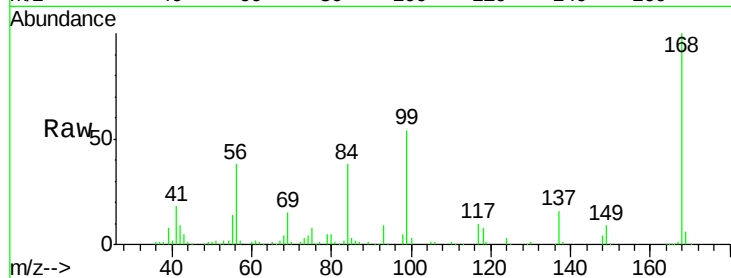
99 54.5 48.0 72.0

Manual Integrations

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4/16/2020 10:31:56 AM



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

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

7.82

60000

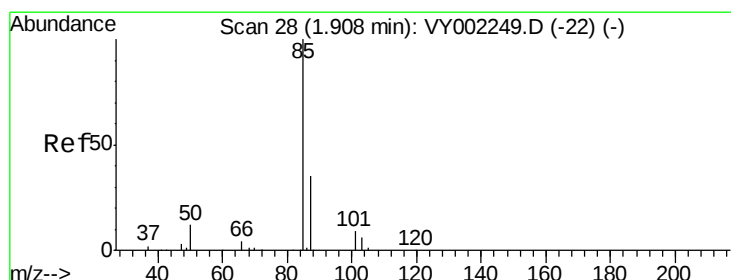
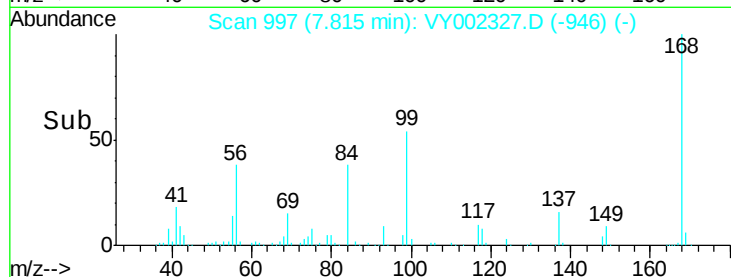
40000

20000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 19.765 ug/l

RT: 1.91 min Scan# 29

Delta R.T. 0.01 min

Lab File: VY002327.D

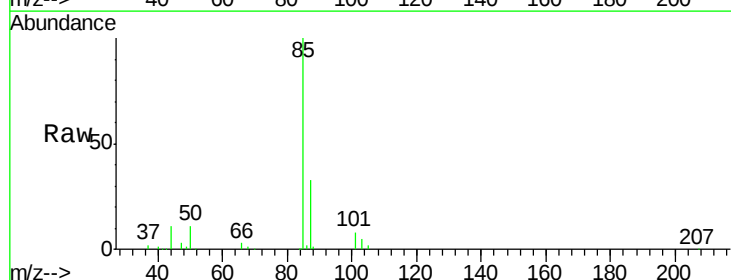
Acq: 15 Apr 2020 11:38

Tgt Ion: 85 Resp: 29753

Ion Ratio Lower Upper

85 100

87 33.0 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

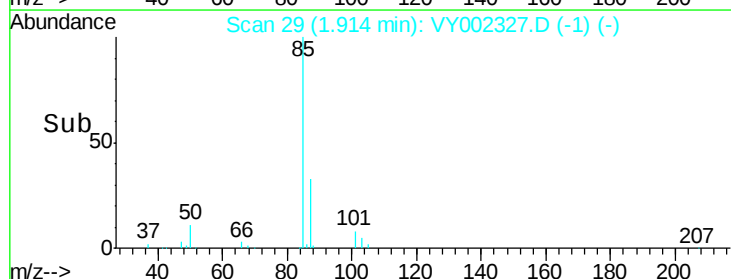
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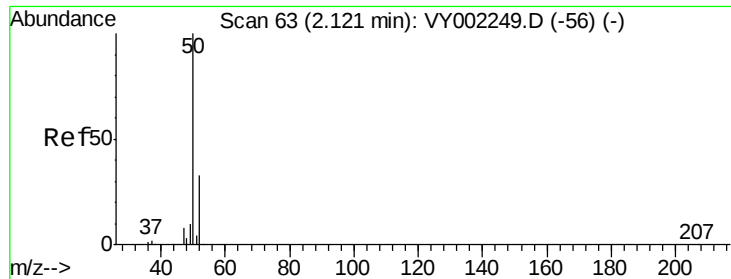
5000

0

1.85 1.90 1.95 2.00

Time-->





#3

Chloromethane

Concen: 20.476 ug/l

RT: 2.13 min Scan# 64

Delta R.T. 0.01 min

Lab File: VY002327.D

Acq: 15 Apr 2020 11:38

Instrument :

MSVOA_Y

ClientSampleId :

VY0415SBS01

Tot Ion: 50 Resp: 38793

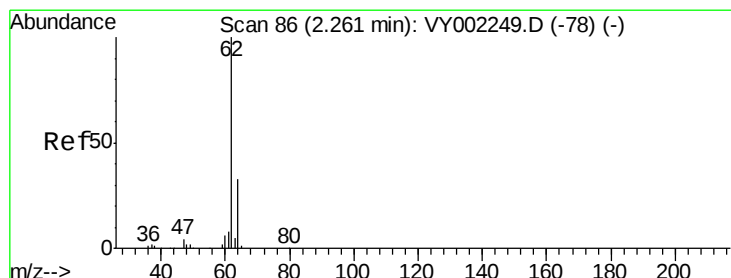
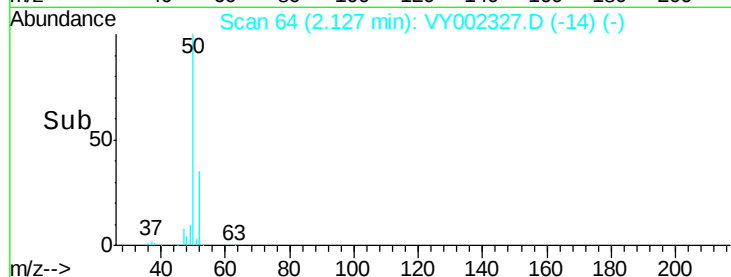
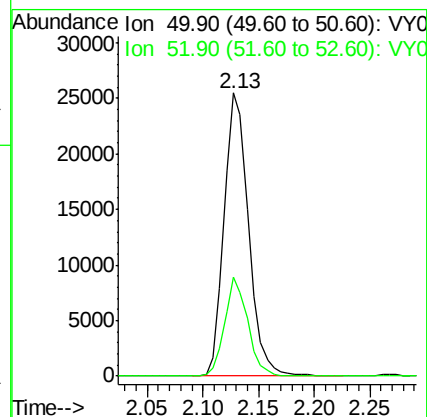
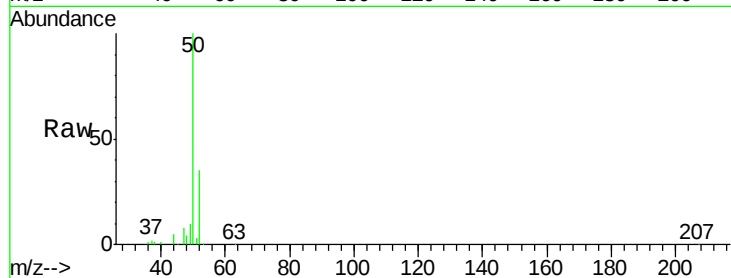
Ion Ratio Lower Upper

50 100

52 35.0 26.6 39.8

Manual Integrations
APPROVED

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4/16/2020 10:31:56 AM



#4

Vinyl Chloride

Concen: 20.984 ug/l

RT: 2.27 min Scan# 87

Delta R.T. 0.01 min

Lab File: VY002327.D

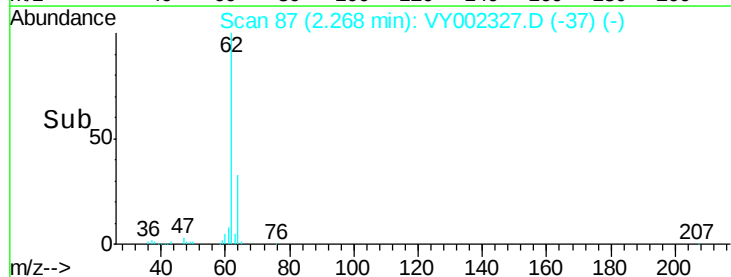
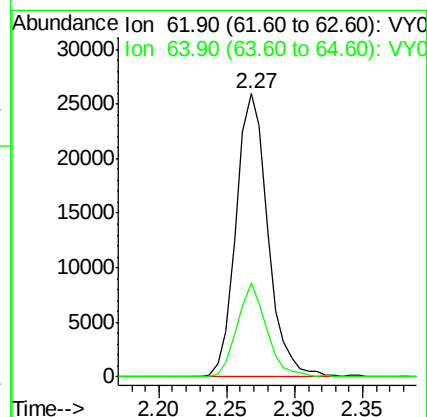
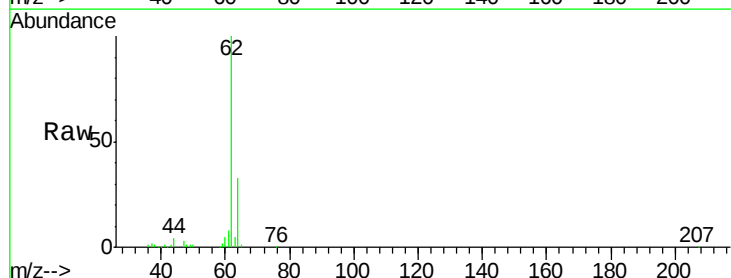
Acq: 15 Apr 2020 11:38

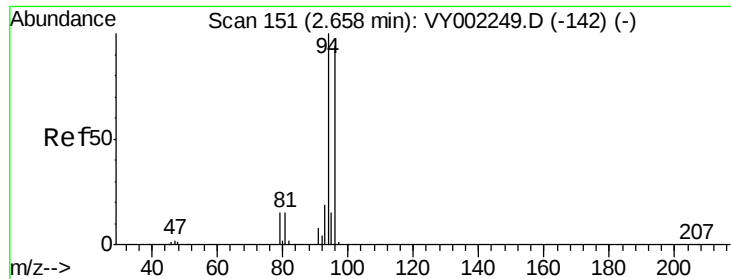
Tgt Ion: 62 Resp: 42315

Ion Ratio Lower Upper

62 100

64 33.0 26.2 39.2





#5

Bromomethane

Concen: 21.397 ug/l

RT: 2.66 min Scan# 152

Delta R.T. 0.01 min

Lab File: VY002327.D

Acq: 15 Apr 2020 11:38

Instrument :

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ClientSampleId :

VY0415SBS01

Tot Ion: 94 Resp: 26645

Ion Ratio Lower Upper

94 100

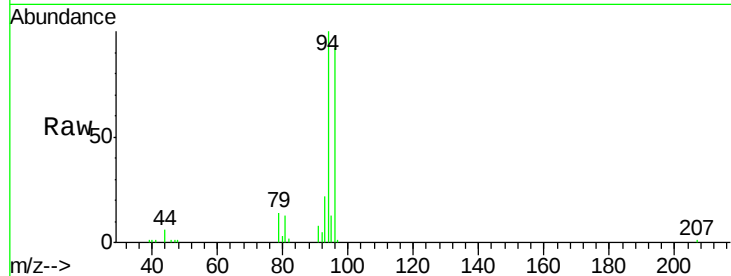
96 92.0 75.6 113.4

Manual Integrations

APPROVED

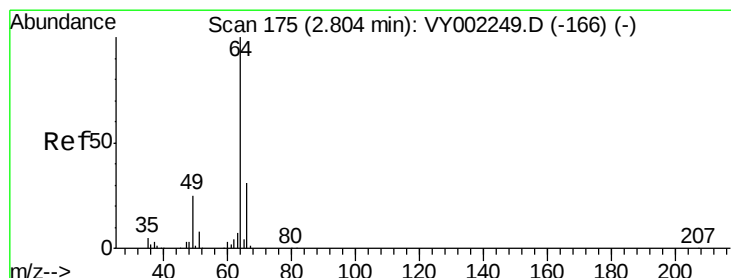
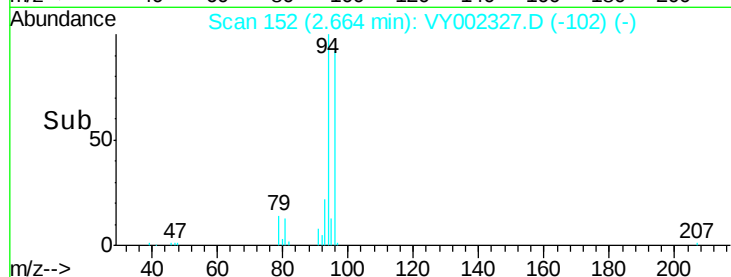
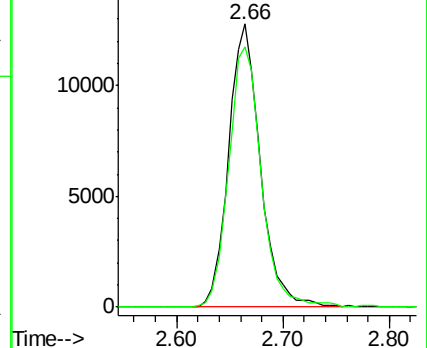
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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 20.796 ug/l

RT: 2.81 min Scan# 176

Delta R.T. 0.01 min

Lab File: VY002327.D

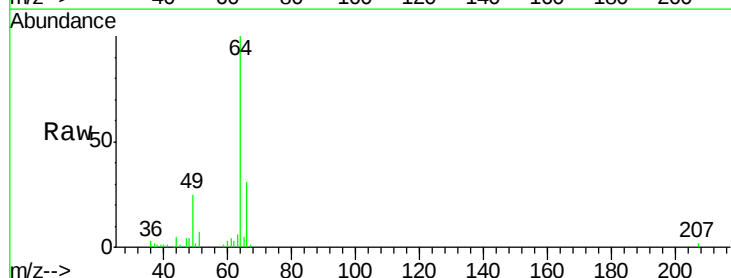
Acq: 15 Apr 2020 11:38

Tgt Ion: 64 Resp: 24185

Ion Ratio Lower Upper

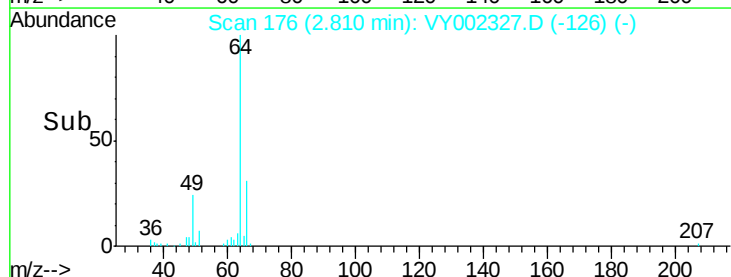
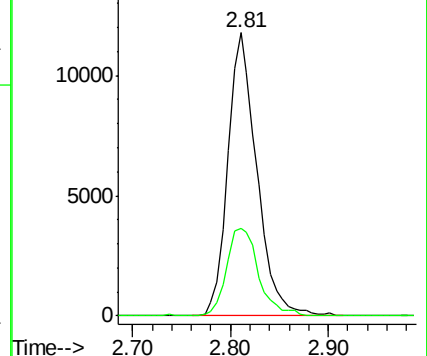
64 100

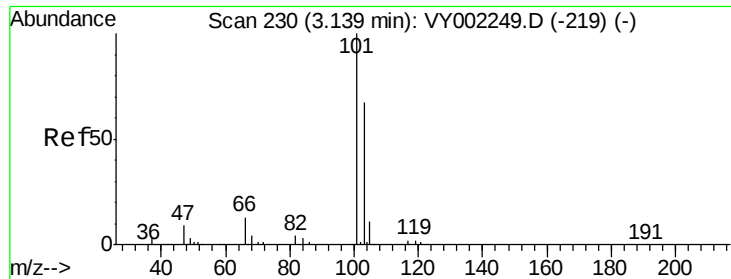
66 31.1 24.6 37.0



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

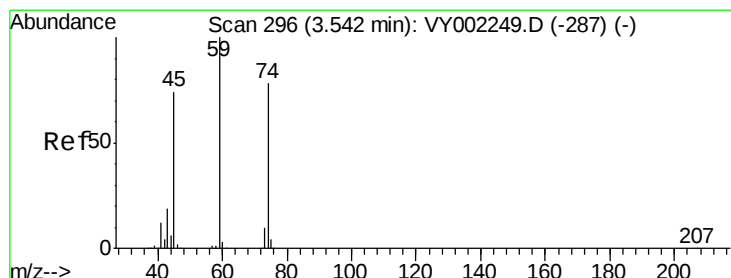
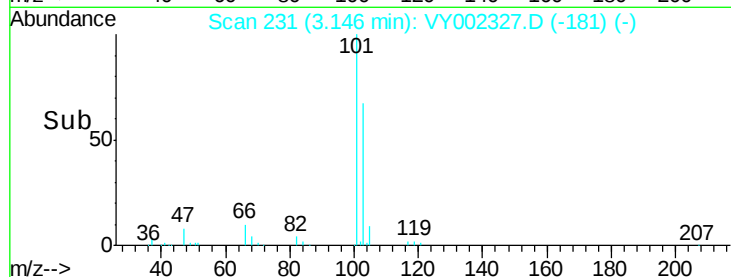
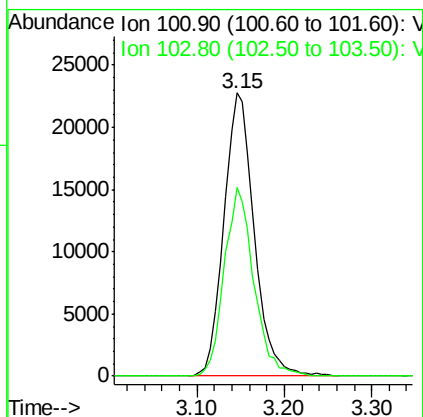
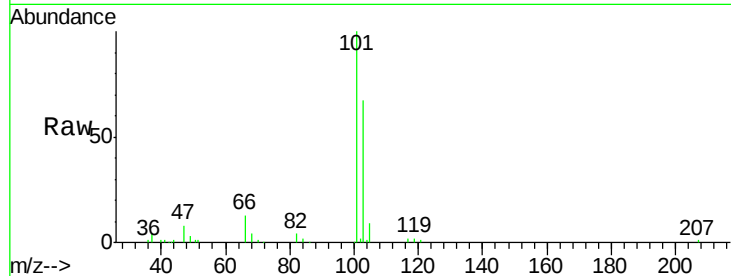
Trichlorofluoromethane
Concen: 21.030 ug/l
RT: 3.15 min Scan# 231
Delta R.T. 0.01 min
Lab File: VY002327.D
Acq: 15 Apr 2020 11:38

Instrument :
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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	66.7	53.3	79.9

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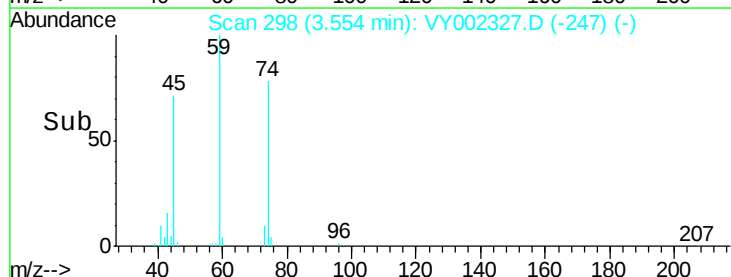
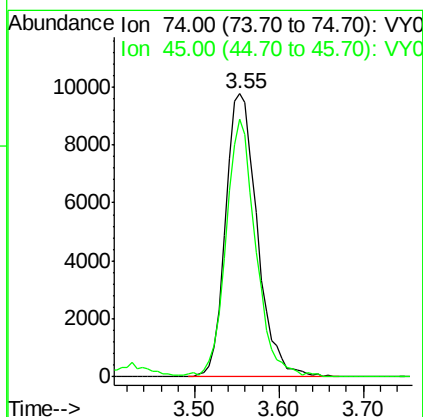
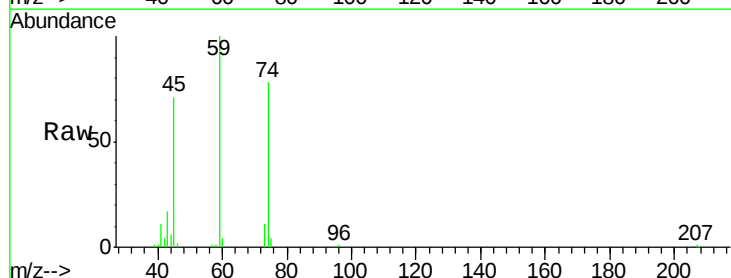
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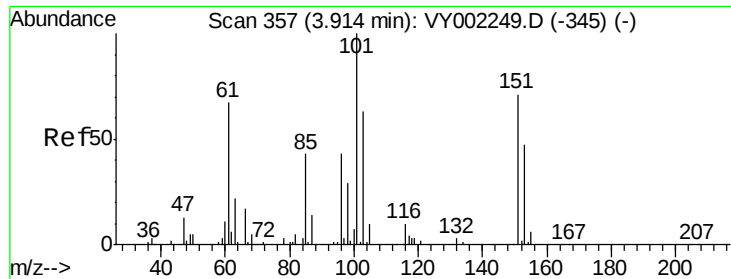


#8

Diethyl Ether
Concen: 22.543 ug/l
RT: 3.55 min Scan# 298
Delta R.T. 0.01 min
Lab File: VY002327.D
Acq: 15 Apr 2020 11:38

Tgt Ion	Ratio	Lower	Upper
74	100		
45	86.0	48.0	144.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.516 ug/l

RT: 3.93 min Scan# 359

Delta R.T. 0.01 min

Lab File: VY002327.D

Acq: 15 Apr 2020 11:38

Instrument :

MSVOA_Y

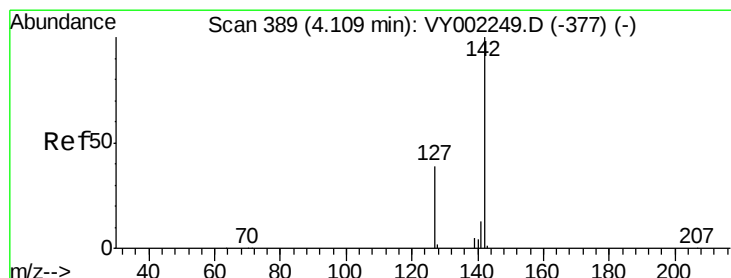
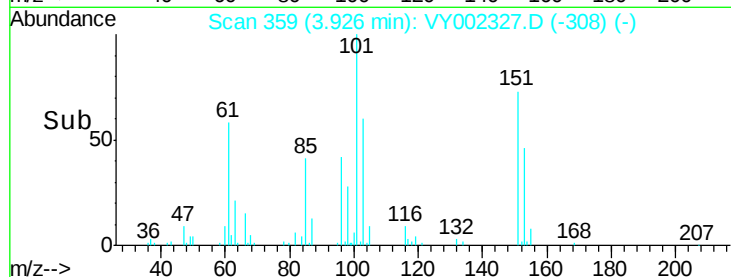
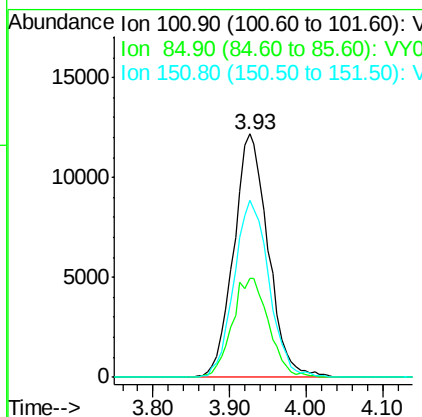
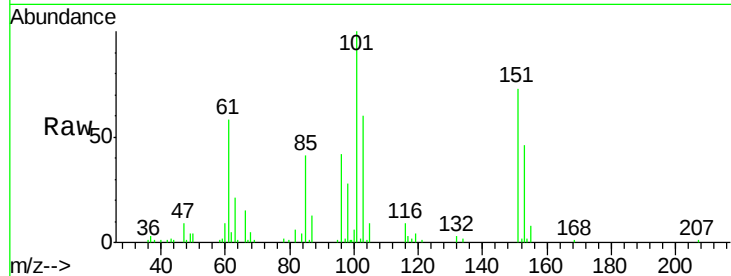
ClientSampleId :

VY0415SBS01

Tot Ion:	101	Resp:	38062
Ion Ratio	Lower	Upper	
101	100		
85	43.0	34.6	52.0
151	74.2	57.6	86.4

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#10

Methyl Iodide

Concen: 20.021 ug/l

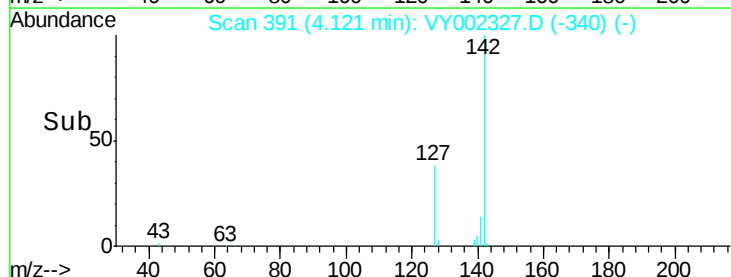
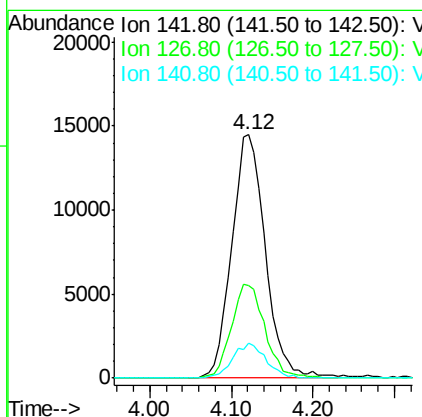
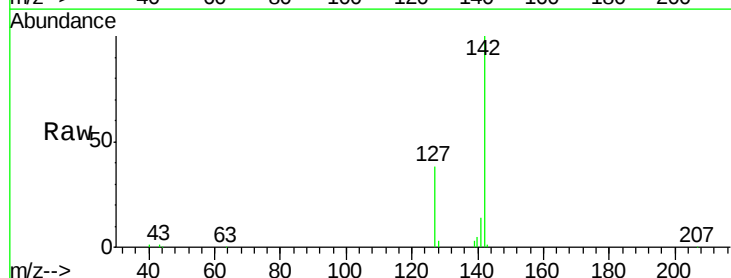
RT: 4.12 min Scan# 391

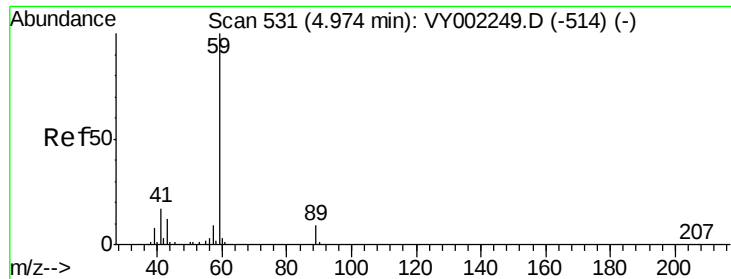
Delta R.T. 0.01 min

Lab File: VY002327.D

Acq: 15 Apr 2020 11:38

Tgt Ion:	142	Resp:	41170
Ion Ratio	Lower	Upper	
142	100		
127	38.4	32.4	48.6
141	14.0	11.2	16.8





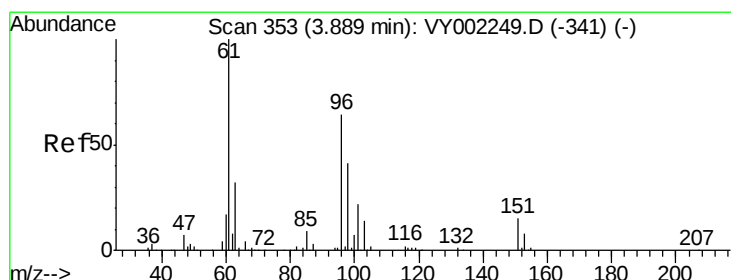
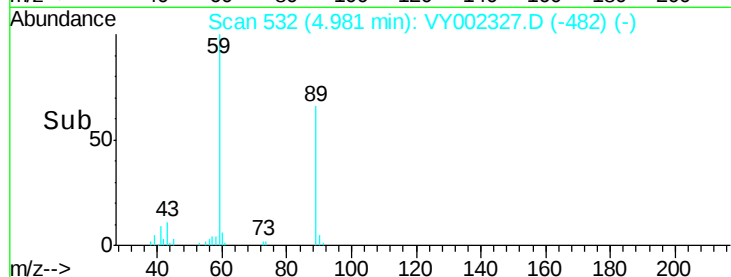
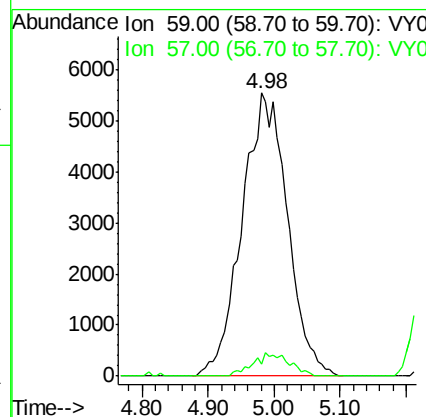
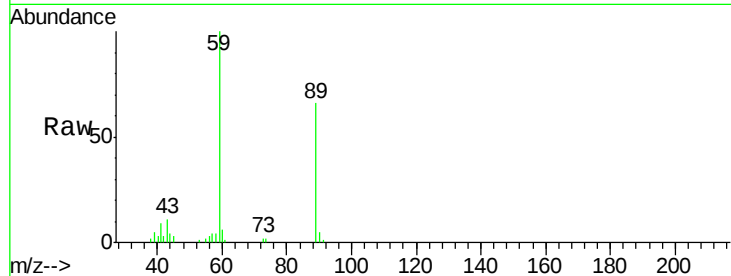
#11
Tert butyl alcohol
Concen: 134.339 ug/l
RT: 4.98 min Scan# 532
Delta R.T. 0.01 min
Lab File: VY002327.D
Acq: 15 Apr 2020 11:38

Instrument :
MSVOA_Y
ClientSampleId :
VY0415SBS01

Tot Ion: 59 Resp: 26438
Ion Ratio Lower Upper
59 100
57 6.5 6.6 9.8#

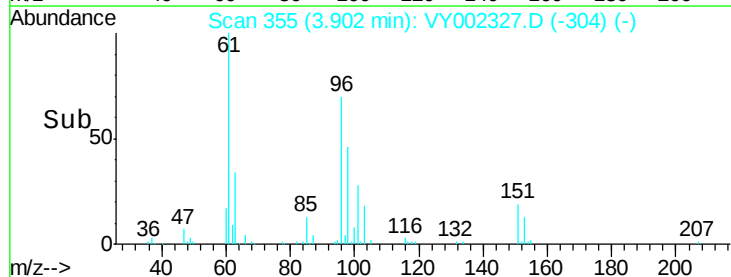
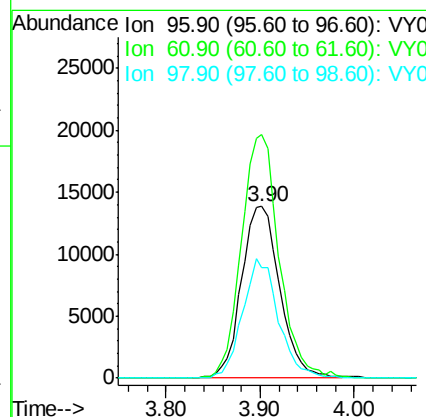
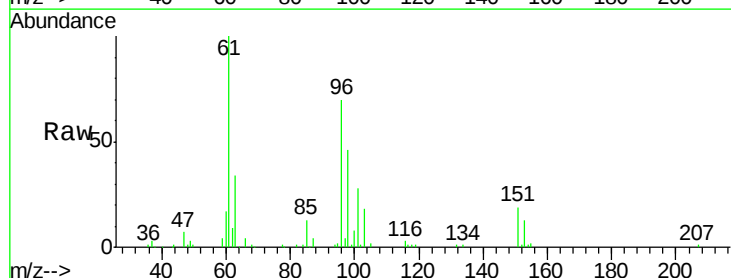
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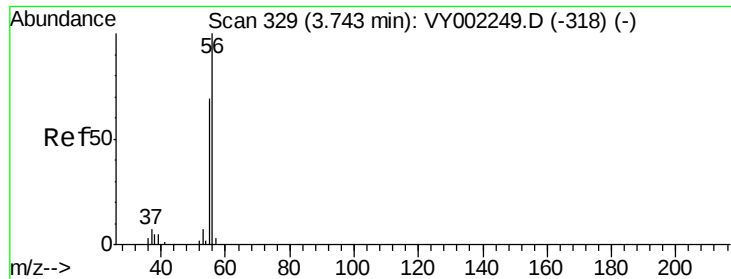
MMDadoda
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#12
1,1-Dichloroethene
Concen: 21.926 ug/l
RT: 3.90 min Scan# 355
Delta R.T. 0.01 min
Lab File: VY002327.D
Acq: 15 Apr 2020 11:38

Tgt Ion: 96 Resp: 39434
Ion Ratio Lower Upper
96 100
61 141.9 125.9 188.9
98 64.8 51.1 76.7





#13

Acrolein

Concen: 92.432 ug/l

RT: 3.76 min Scan# 331

Delta R.T. 0.01 min

Lab File: VY002327.D

Acq: 15 Apr 2020 11:38

Instrument :

MSVOA_Y

ClientSampleId :

VY0415SBS01

Tot Ion: 56 Resp: 19741

Ion Ratio Lower Upper

56 100

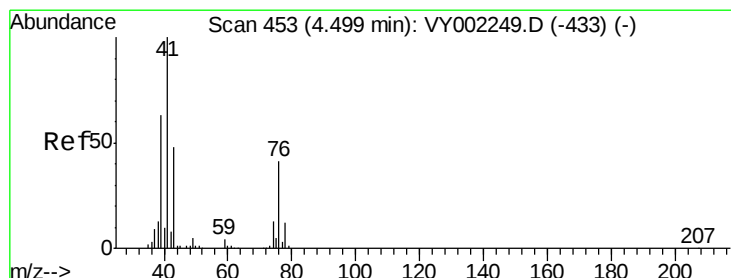
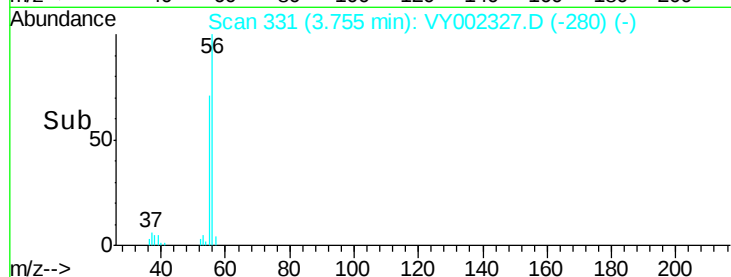
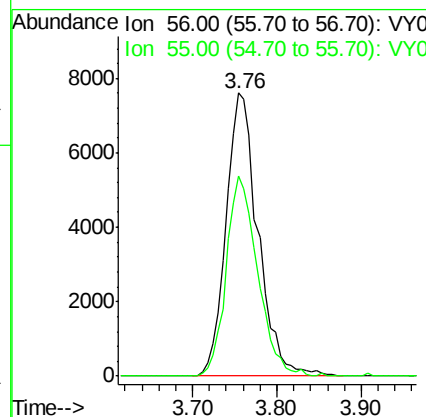
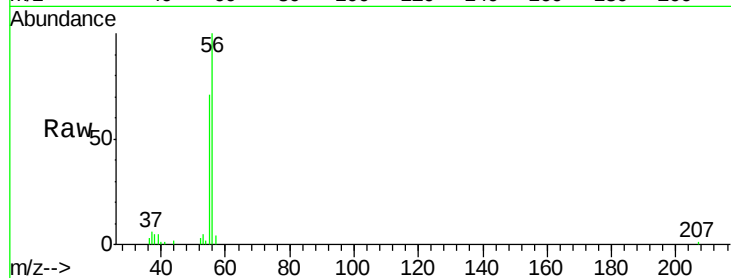
55 69.3 55.8 83.8

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#14

Allyl chloride

Concen: 19.507 ug/l

RT: 4.51 min Scan# 454

Delta R.T. 0.01 min

Lab File: VY002327.D

Acq: 15 Apr 2020 11:38

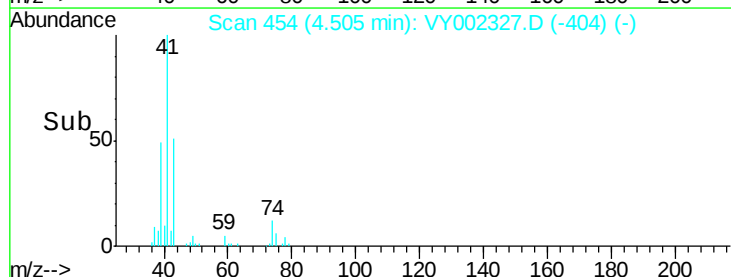
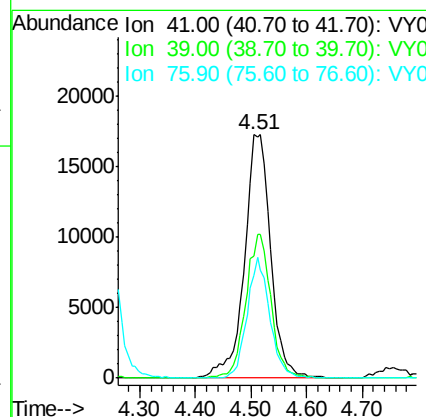
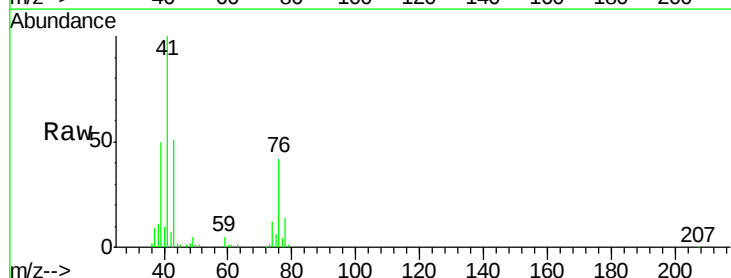
Tgt Ion: 41 Resp: 56654

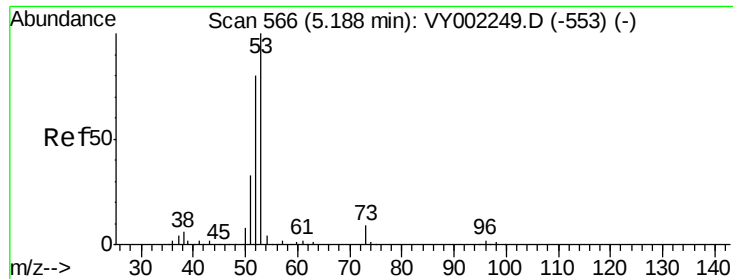
Ion Ratio Lower Upper

41 100

39 56.5 48.0 72.0

76 42.4 31.0 46.6





#15

Acrylonitrile

Concen: 104.123 ug/l

RT: 5.21 min Scan# 569

Delta R.T. 0.02 min

Lab File: VY002327.D

Acq: 15 Apr 2020 11:38

Instrument :

MSVOA_Y

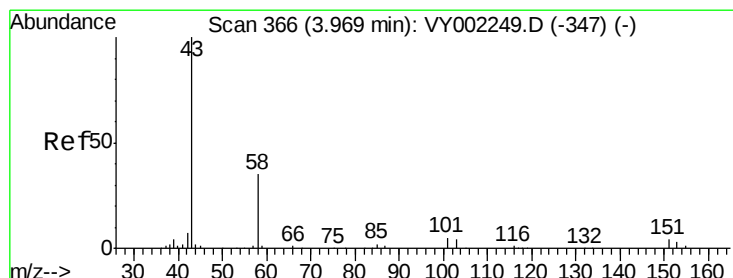
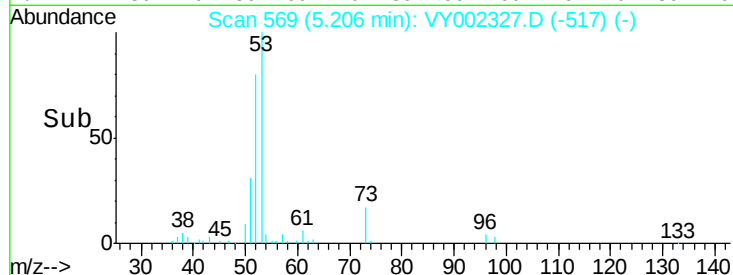
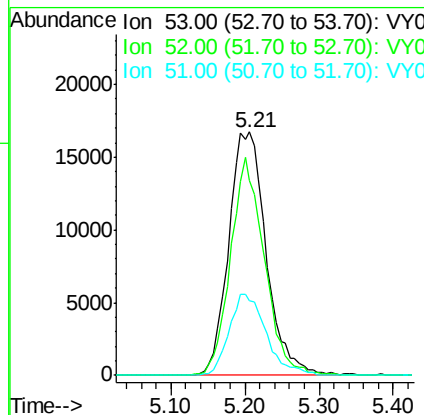
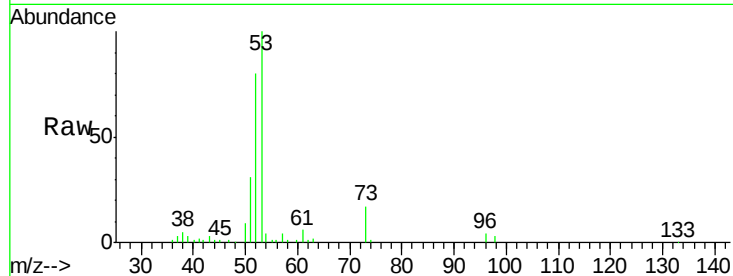
ClientSampleId :

VY0415SBS01

Tot Ion:	53	Resp:	58951
Ion Ratio	Lower	Upper	
53	100		
52	80.9	65.1	97.7
51	32.9	27.1	40.7

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#16

Acetone

Concen: 105.510 ug/l

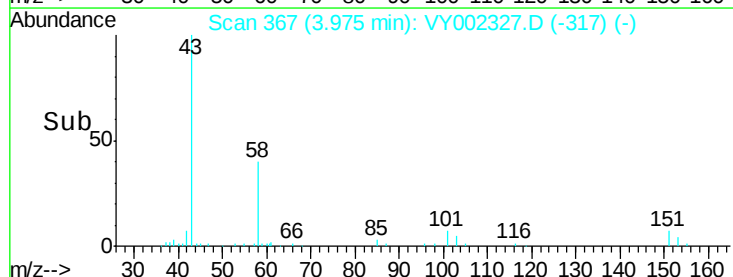
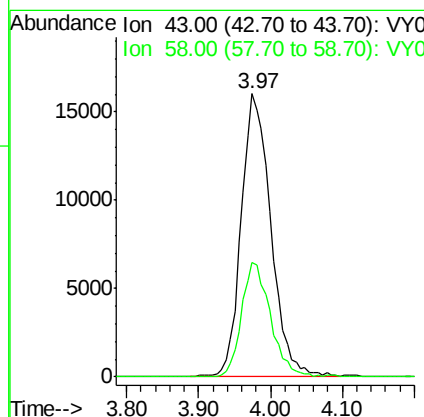
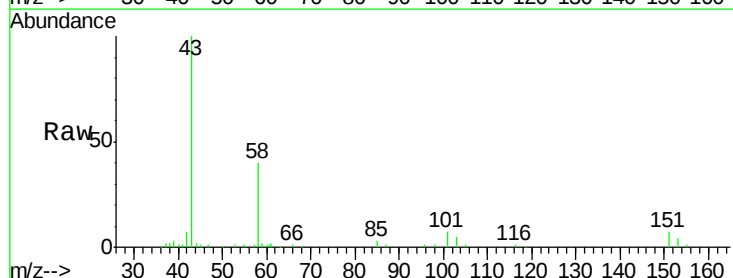
RT: 3.97 min Scan# 367

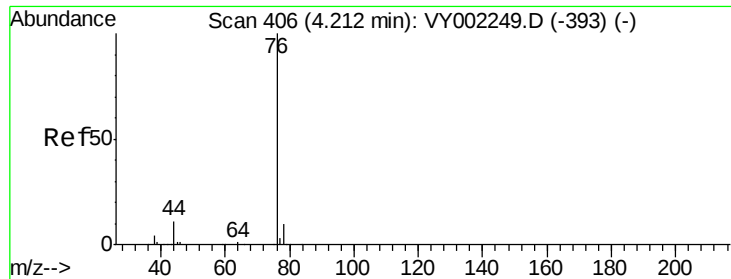
Delta R.T. 0.01 min

Lab File: VY002327.D

Acq: 15 Apr 2020 11:38

Tgt Ion:	43	Resp:	46031
Ion Ratio	Lower	Upper	
43	100		
58	40.3	28.5	42.7





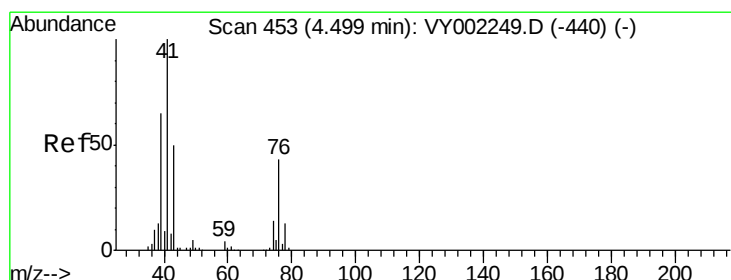
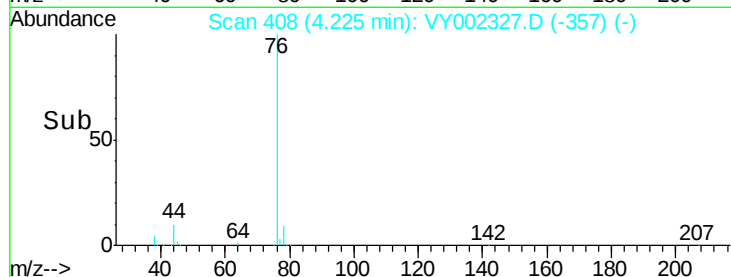
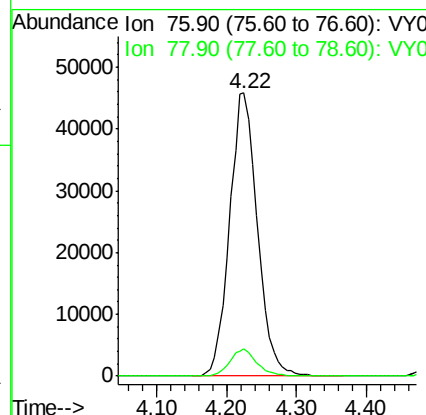
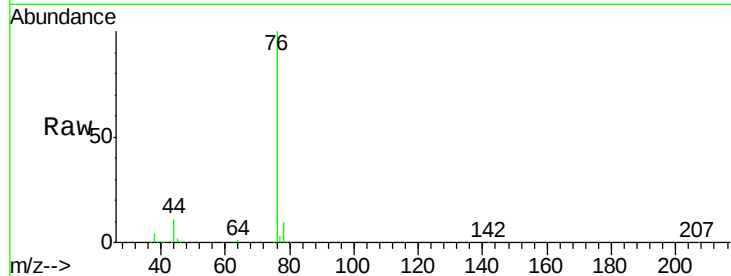
#17
Carbon Disulfide
Concen: 21.197 ug/l
RT: 4.22 min Scan# 408
Delta R.T. 0.01 min
Lab File: VY002327.D
Acq: 15 Apr 2020 11:38

Instrument :
MSVOA_Y
ClientSampleId :
VY0415SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.8	7.7	11.5

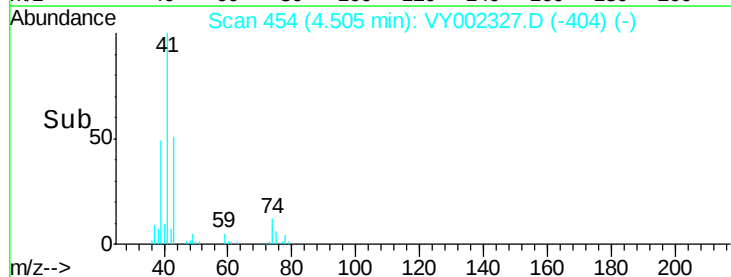
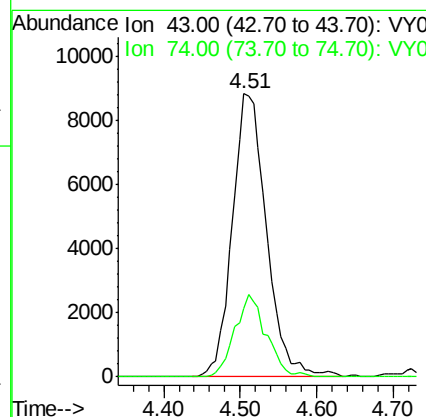
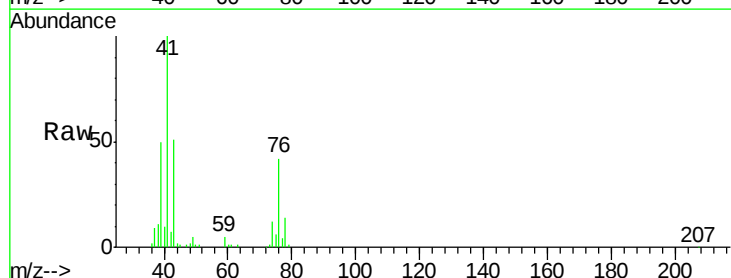
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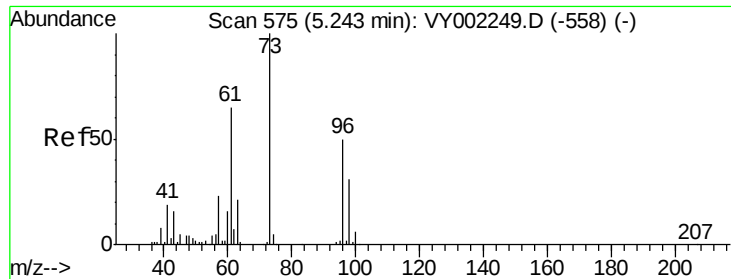
MMDadoda
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#18
Methyl Acetate
Concen: 20.184 ug/l
RT: 4.51 min Scan# 454
Delta R.T. 0.01 min
Lab File: VY002327.D
Acq: 15 Apr 2020 11:38

Tgt Ion	Ratio	Lower	Upper
43	100		
74	26.8	20.3	30.5





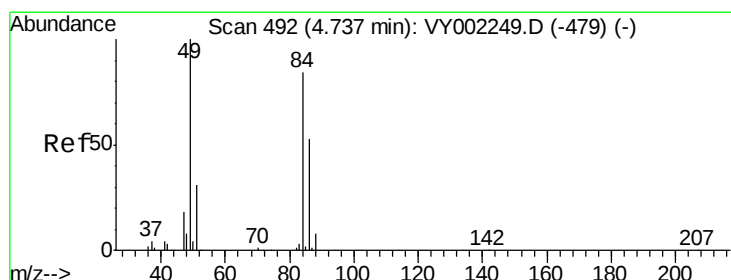
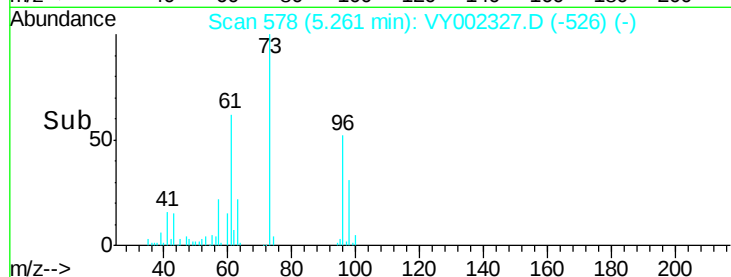
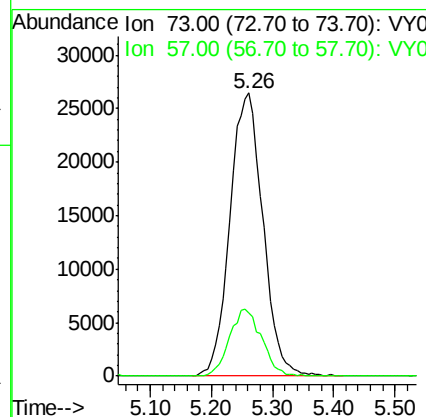
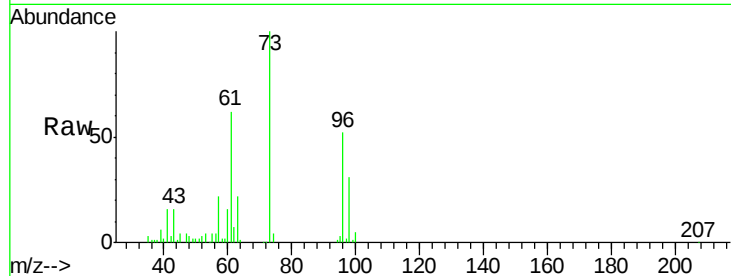
#19
Methvl tert-butvl Ether
Concen: 20.777 ug/l
RT: 5.26 min Scan# 578
Delta R.T. 0.02 min
Lab File: VY002327.D
Acq: 15 Apr 2020 11:38

Instrument :
MSVOA_Y
ClientSampleId :
VY0415SBS01

Tot Ion: 73 Resp: 98238
Ion Ratio Lower Upper
73 100
57 22.1 18.7 28.1

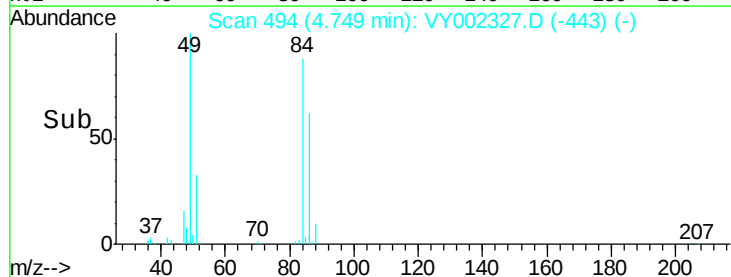
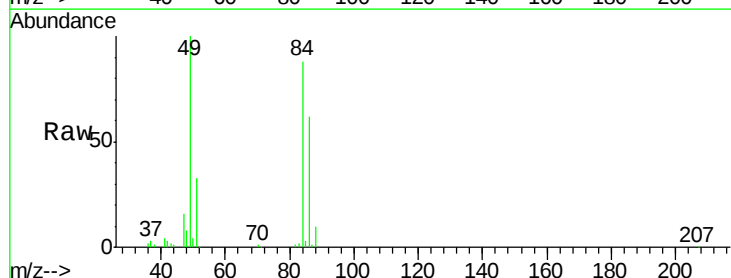
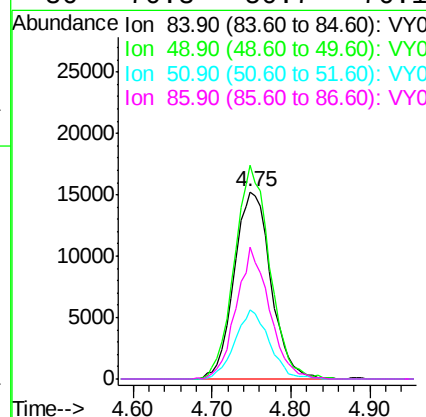
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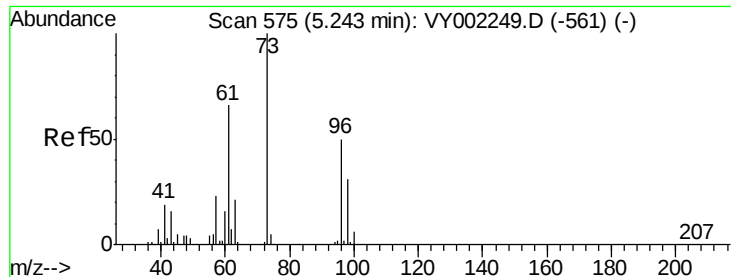
MMDadoda
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#20
Methylene Chloride
Concen: 22.991 ug/l
RT: 4.75 min Scan# 494
Delta R.T. 0.01 min
Lab File: VY002327.D
Acq: 15 Apr 2020 11:38

Tgt Ion: 84 Resp: 49301
Ion Ratio Lower Upper
84 100
49 114.2 95.5 143.3
51 37.2 29.5 44.3
86 70.3 50.7 76.1





#21

trans-1,2-Dichloroethene

Concen: 21.891 ug/l

RT: 5.25 min Scan# 577

Delta R.T. 0.01 min

Lab File: VY002327.D

Acq: 15 Apr 2020 11:38

Instrument :

MSVOA_Y

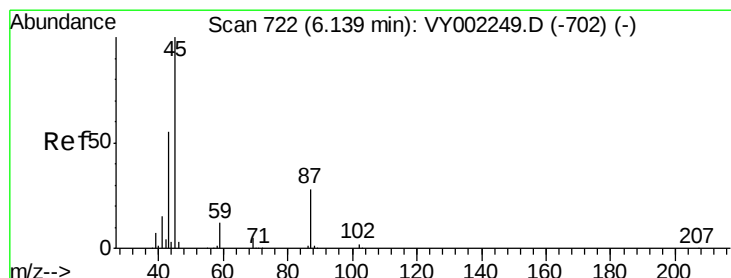
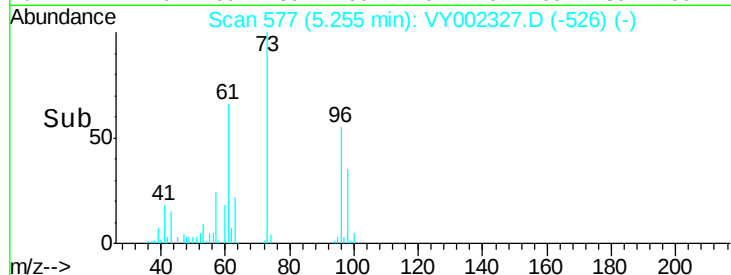
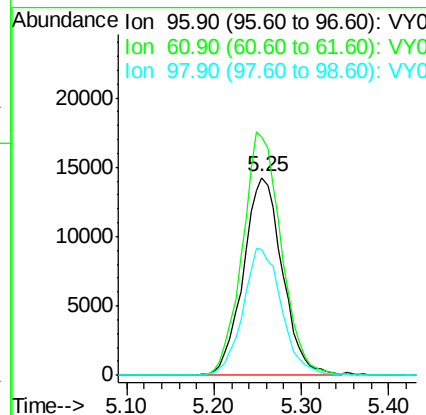
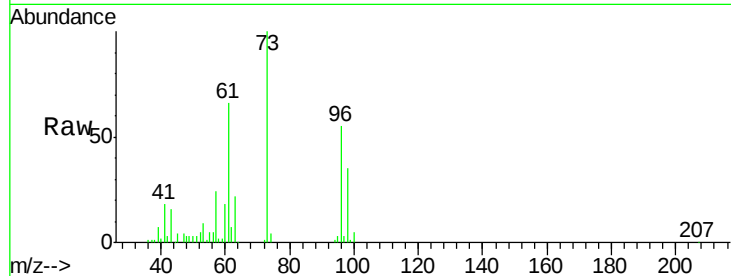
ClientSampleId :

VY0415SBS01

Tot Ion:	96	Resp:	44193
Ion	Ratio	Lower	Upper
96	100		
61	120.3	104.6	157.0
98	63.6	50.1	75.1

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#22

Diisopropyl ether

Concen: 19.836 ug/l

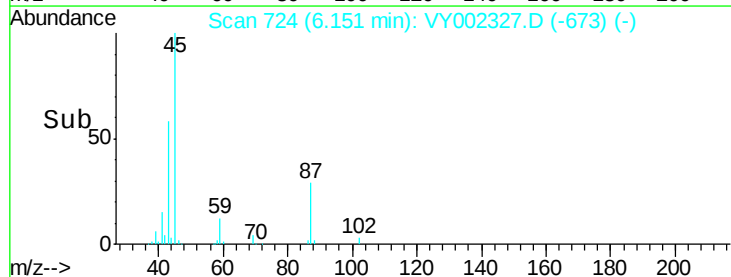
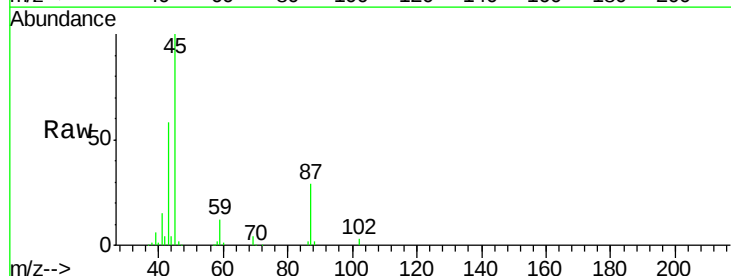
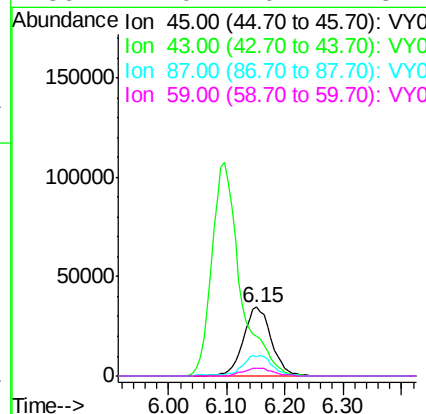
RT: 6.15 min Scan# 724

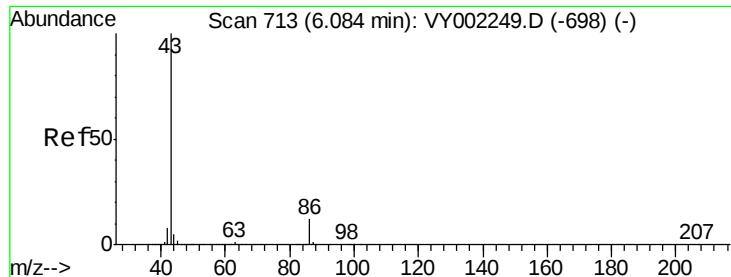
Delta R.T. 0.01 min

Lab File: VY002327.D

Acq: 15 Apr 2020 11:38

Tgt Ion:	45	Resp:	115939
Ion	Ratio	Lower	Upper
45	100		
43	57.7	44.7	67.1
87	28.7	23.0	34.4
59	12.0	10.1	15.1





#23

Vinyl Acetate

Concen: 97.636 ug/l

RT: 6.10 min Scan# 715

Delta R.T. 0.01 min

Lab File: VY002327.D

Acq: 15 Apr 2020 11:38

Instrument :

MSVOA_Y

ClientSampleId :

VY0415SBS01

Tot Ion: 43 Resp: 363657

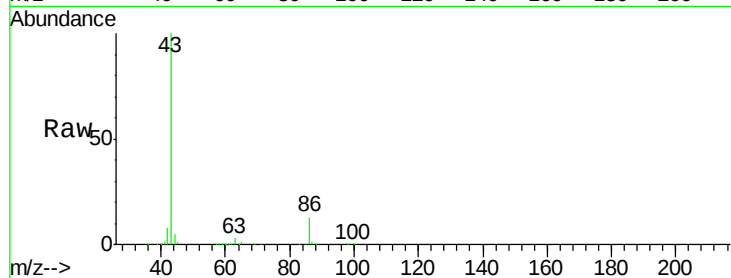
Ion Ratio Lower Upper

43 100

86 12.7 9.2 13.8

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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

6.10

120000

100000

80000

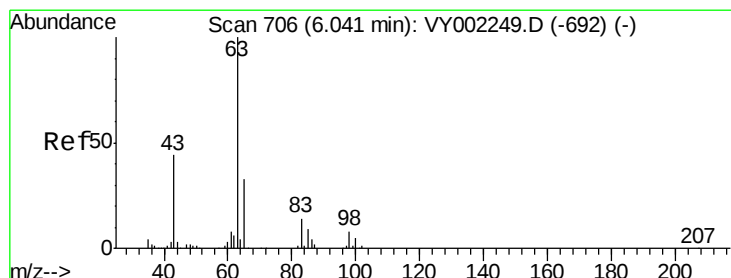
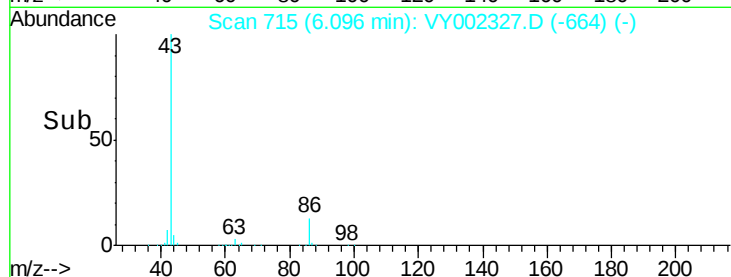
60000

40000

20000

0

Time--> 5.90 6.00 6.10 6.20 6.30



#24

1,1-Dichloroethane

Concen: 20.808 ug/l

RT: 6.05 min Scan# 708

Delta R.T. 0.01 min

Lab File: VY002327.D

Acq: 15 Apr 2020 11:38

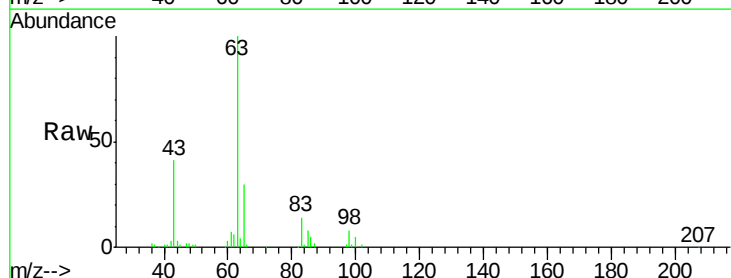
Tgt Ion: 63 Resp: 69175

Ion Ratio Lower Upper

63 100

98 7.6 4.0 12.0

100 4.9 2.4 7.1



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0

30000

25000

20000

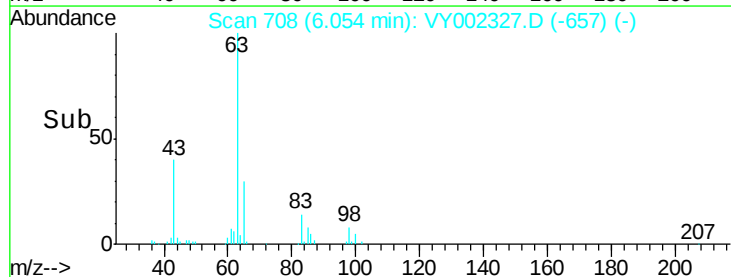
15000

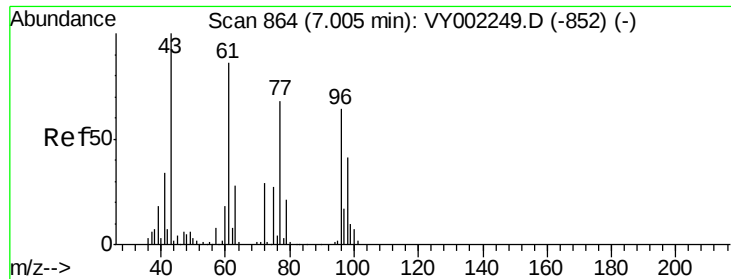
10000

5000

0

Time--> 5.90 6.00 6.10 6.20





#25

2-Butanone

Concen: 100.528 ug/l

RT: 7.02 min Scan# 866

Delta R.T. 0.01 min

Lab File: VY002327.D

Acq: 15 Apr 2020 11:38

Instrument :

MSVOA_Y

ClientSampleId :

VY0415SBS01

Tot Ion: 43 Resp: 69407

Ion Ratio Lower Upper

43 100

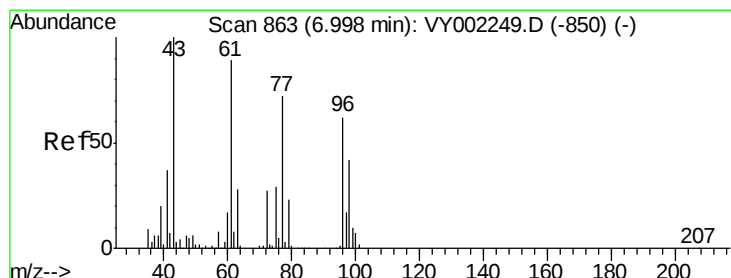
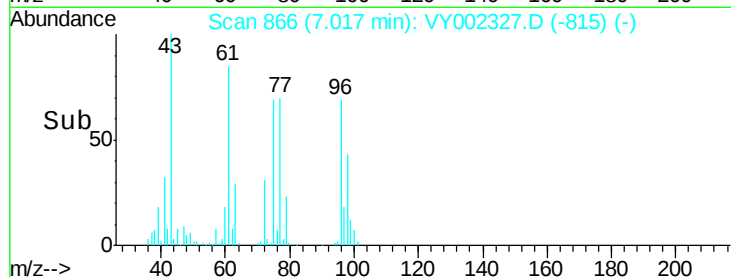
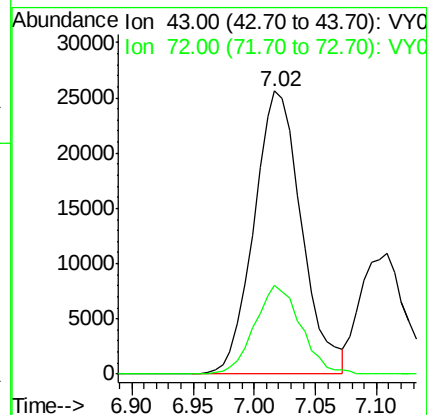
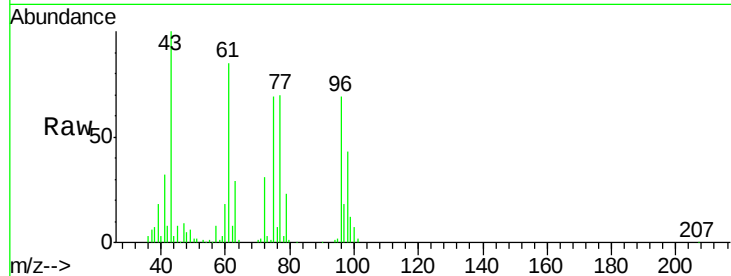
72 31.5 23.2 34.8

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 20.799 ug/l

RT: 7.01 min Scan# 865

Delta R.T. 0.01 min

Lab File: VY002327.D

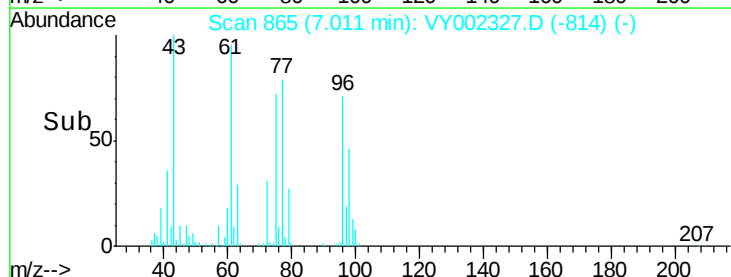
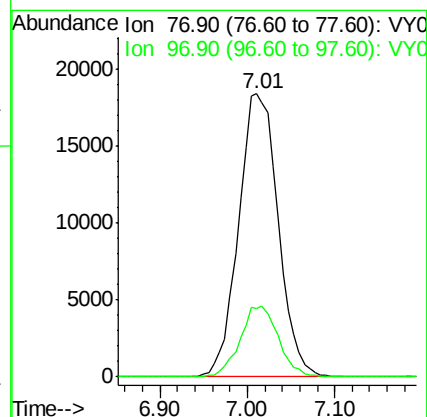
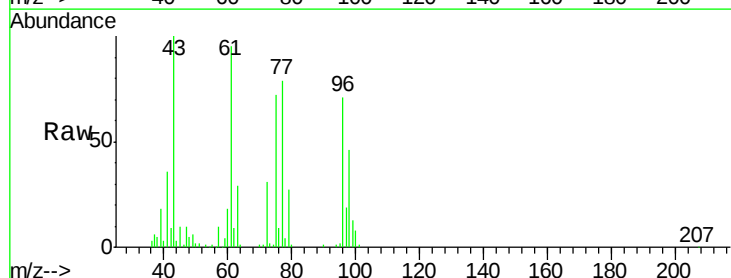
Acq: 15 Apr 2020 11:38

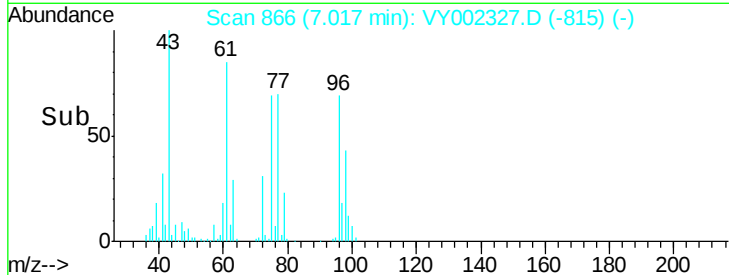
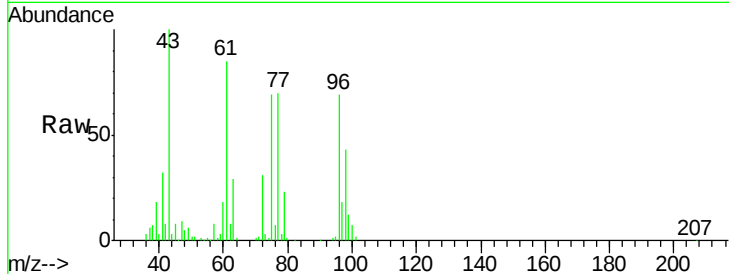
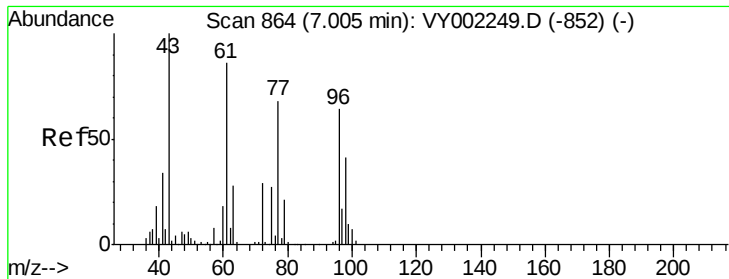
Tgt Ion: 77 Resp: 57840

Ion Ratio Lower Upper

77 100

97 24.1 12.2 36.6





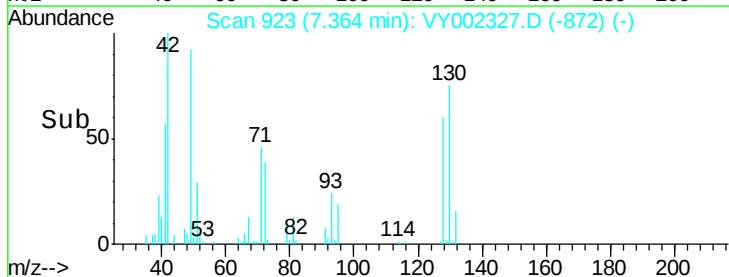
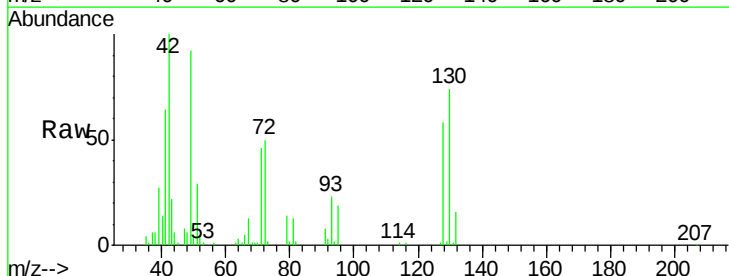
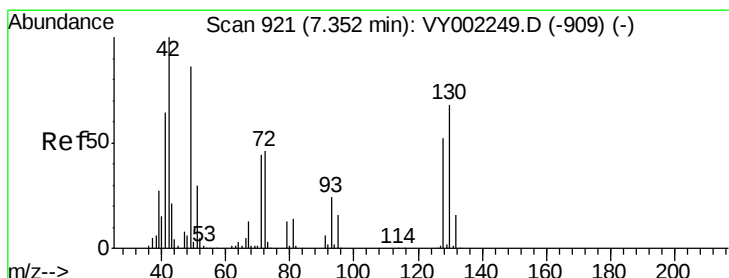
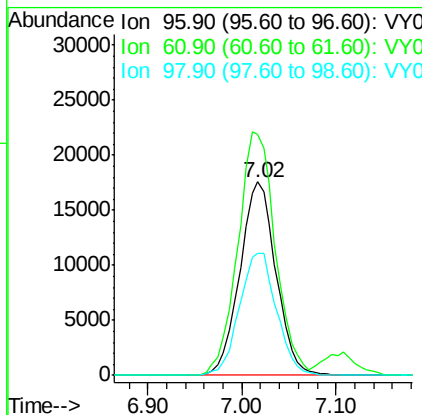
#27
 cis-1,2-Dichloroethene
 Concen: 21.422 ug/l
 RT: 7.02 min Scan# 866
 Delta R.T. 0.01 min
 Lab File: VY002327.D
 Acq: 15 Apr 2020 11:38

Tot Ion	Ratio	Lower	Upper
96	100		
61	130.5	0.0	278.0
98	64.9	0.0	128.6

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0415SBS01

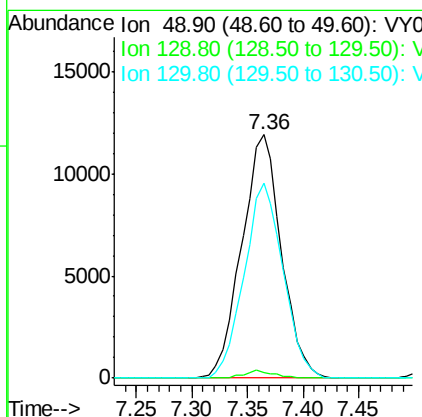
Manual Integrations
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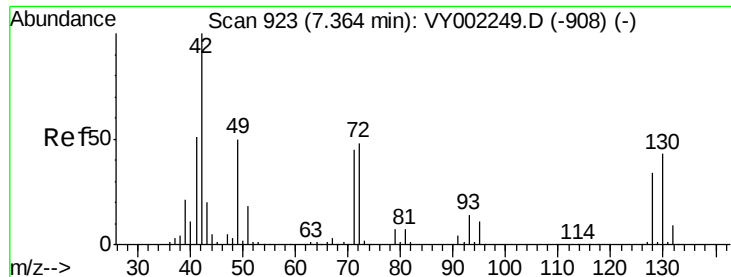
MMDadoda
 4/16/2020 10:31:56 AM



#28
 Bromochloromethane
 Concen: 20.514 ug/l
 RT: 7.36 min Scan# 923
 Delta R.T. 0.01 min
 Lab File: VY002327.D
 Acq: 15 Apr 2020 11:38

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.2
130	78.6	60.9	91.3





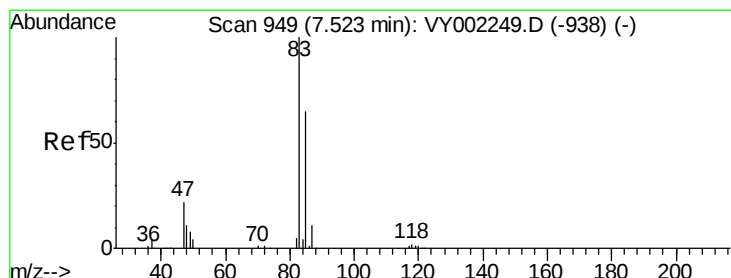
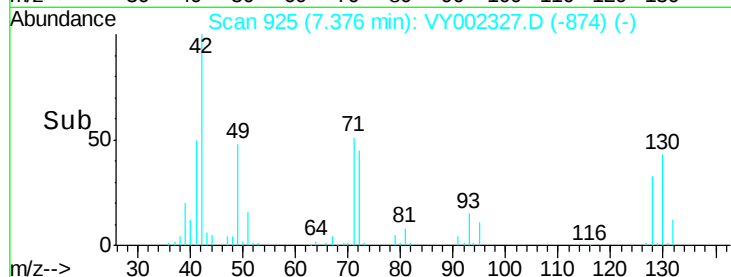
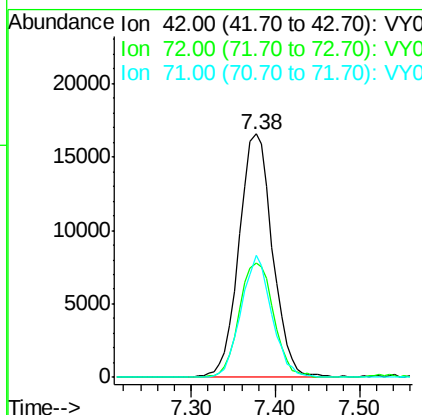
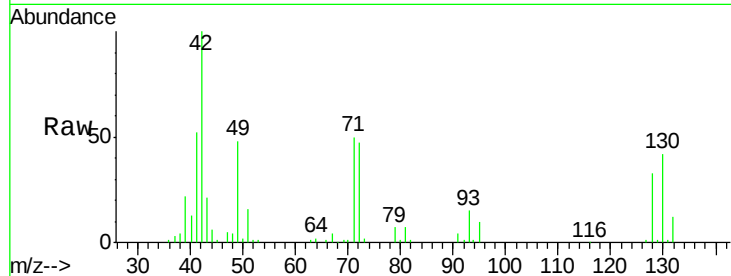
#29
Tetrahydrofuran
Concen: 97.457 ug/l
RT: 7.38 min Scan# 925
Delta R.T. 0.01 min
Lab File: VY002327.D
Acq: 15 Apr 2020 11:38

Instrument :
MSVOA_Y
ClientSampleId :
VY0415SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	48.3	36.7	55.1
71	45.9	34.7	52.1

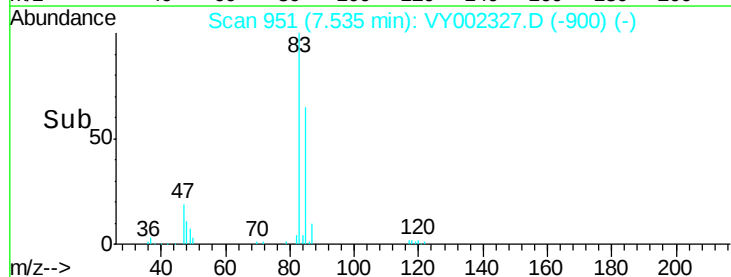
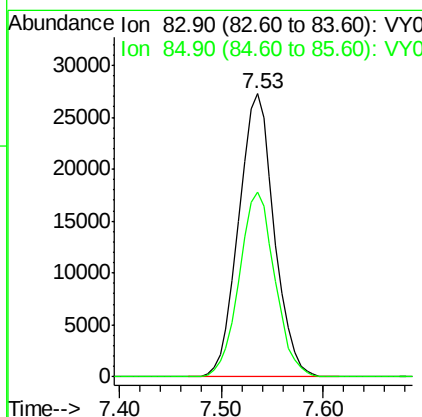
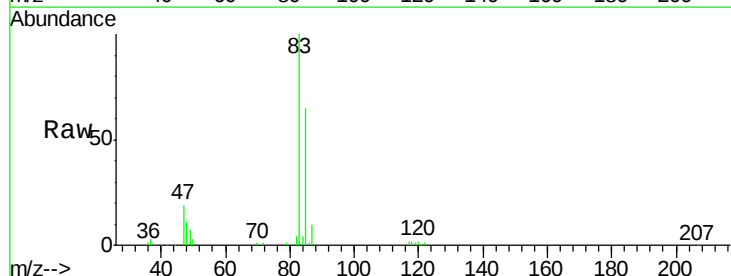
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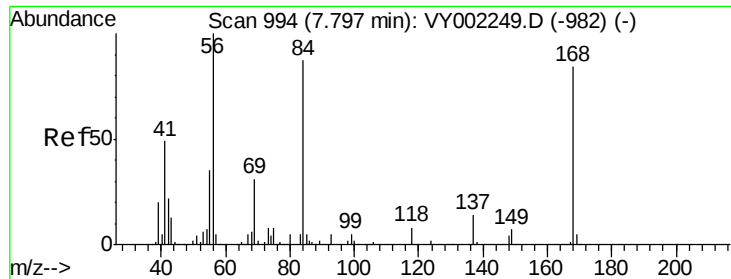
MMDadoda
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#30
Chloroform
Concen: 21.055 ug/l
RT: 7.53 min Scan# 951
Delta R.T. 0.01 min
Lab File: VY002327.D
Acq: 15 Apr 2020 11:38

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.4	52.0	78.0





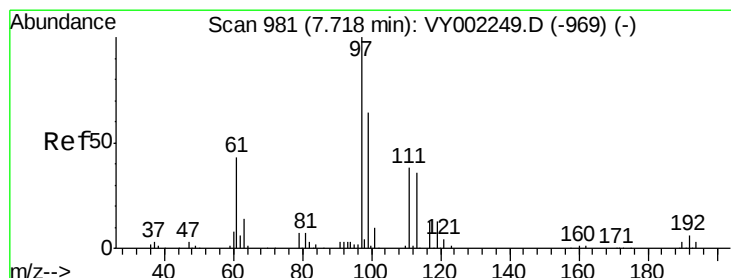
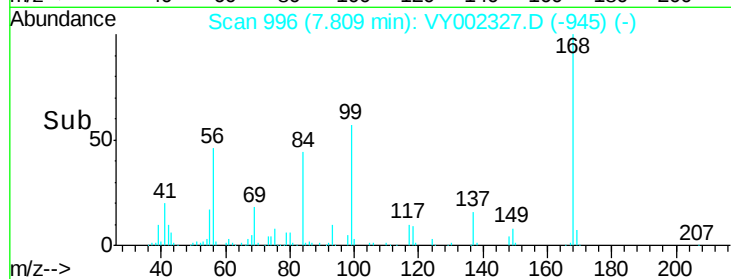
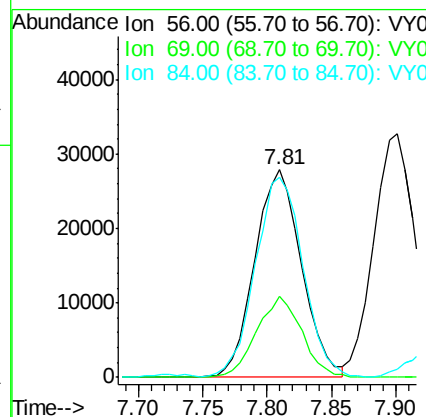
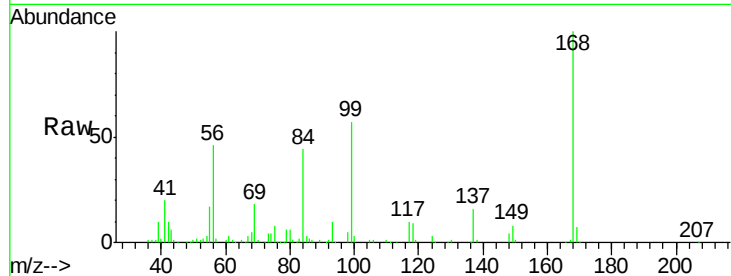
#31
Cyclohexane
Concen: 20.127 ug/l
RT: 7.81 min Scan# 996
Delta R.T. 0.01 min
Lab File: VY002327.D
Acq: 15 Apr 2020 11:38

Instrument :
MSVOA_Y
ClientSampleId :
VY0415SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	38.8	25.0	37.6#
84	95.1	69.7	104.5

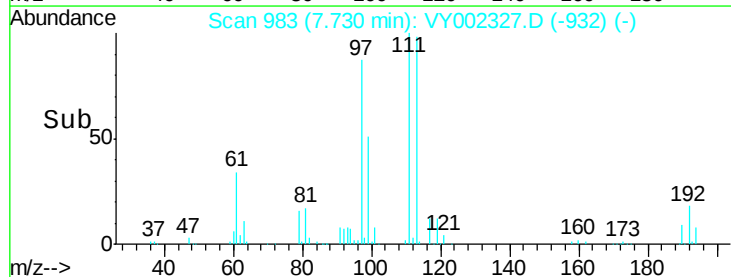
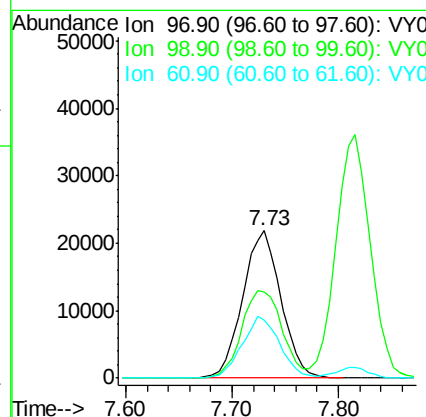
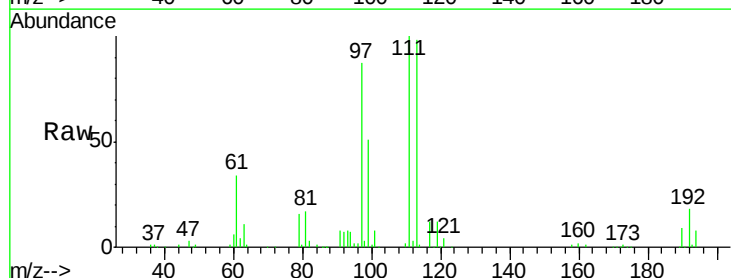
Manual Integrations
APPROVED

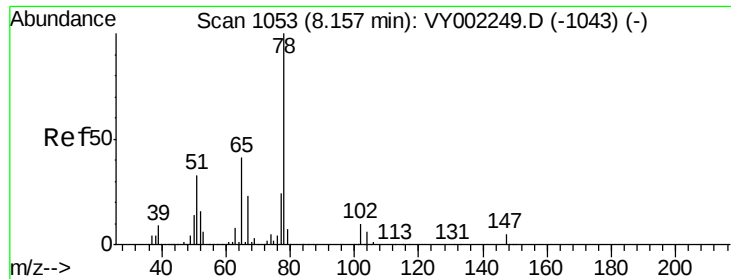
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 21.094 ug/l
RT: 7.73 min Scan# 983
Delta R.T. 0.01 min
Lab File: VY002327.D
Acq: 15 Apr 2020 11:38

Tgt Ion	Ratio	Lower	Upper
97	100		
99	62.8	51.3	76.9
61	41.2	34.3	51.5





#33

1,2-Dichloroethane-d4

Concen: 51.408 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. 0.01 min

Lab File: VY002327.D

Acq: 15 Apr 2020 11:38

Instrument :

MSVOA_Y

ClientSampleId :

VY0415SBS01

Tot Ion: 65 Resp: 85154

Ion Ratio Lower Upper

65 100

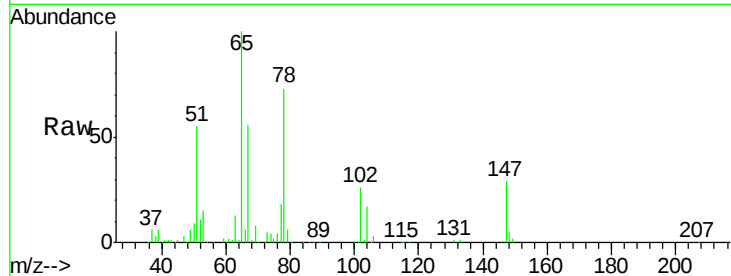
67 58.8 0.0 114.0

Manual Integrations

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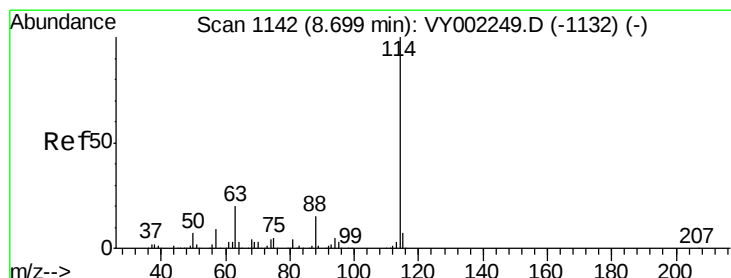
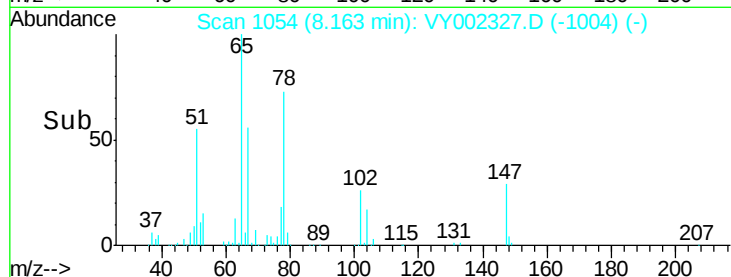
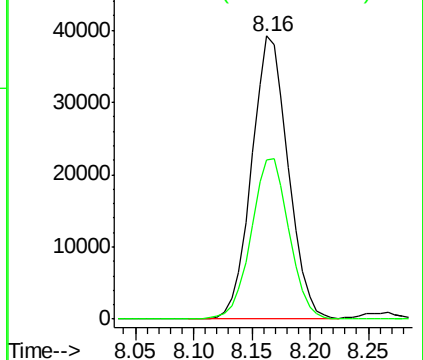
MMDadoda

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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: 8.71 min Scan# 1144

Delta R.T. 0.01 min

Lab File: VY002327.D

Acq: 15 Apr 2020 11:38

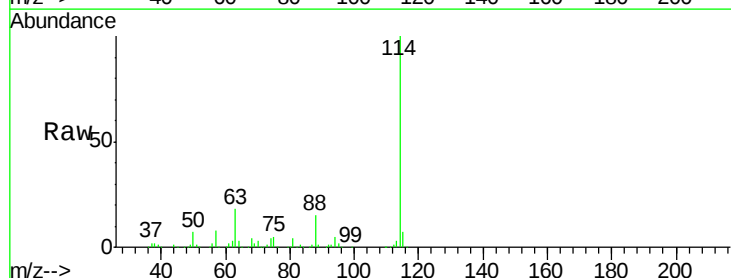
Tgt Ion: 114 Resp: 269320

Ion Ratio Lower Upper

114 100

63 17.9 0.0 39.0

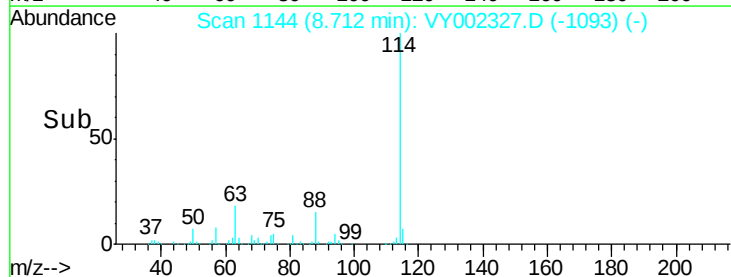
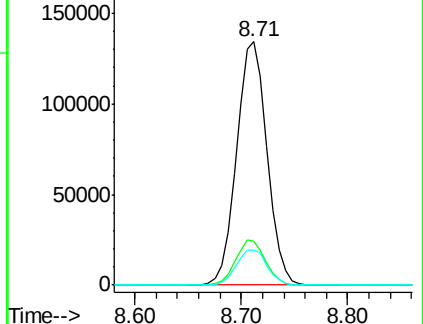
88 14.5 0.0 31.0

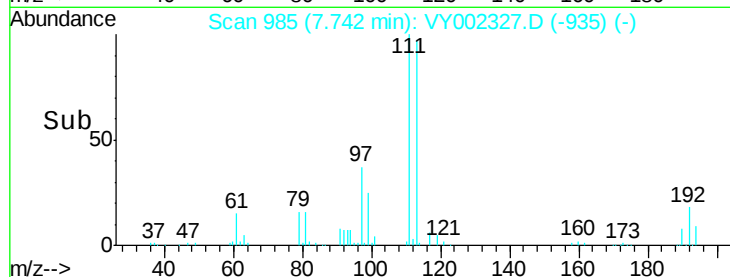
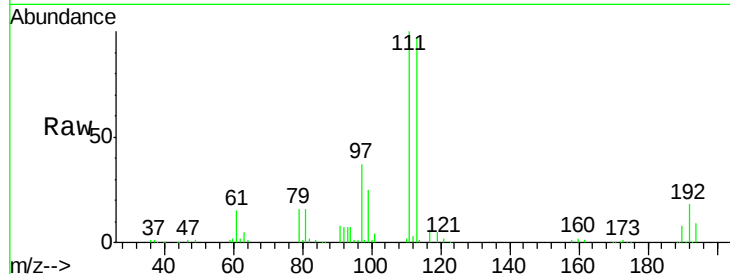
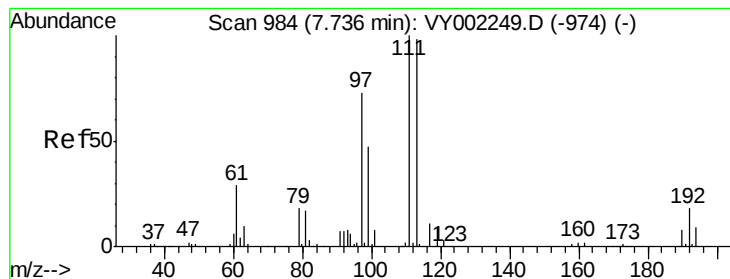


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0





#35

Dibromofluoromethane

Concen: 56.411 ug/l

RT: 7.74 min Scan# 985

Delta R.T. 0.01 min

Lab File: VY002327.D

Acq: 15 Apr 2020 11:38

Tot Ion:	113	Resp:	90401
Ion	Ratio	Lower	Upper
113	100		
111	102.4	83.5	125.3
192	18.5	14.7	22.1

Instrument :

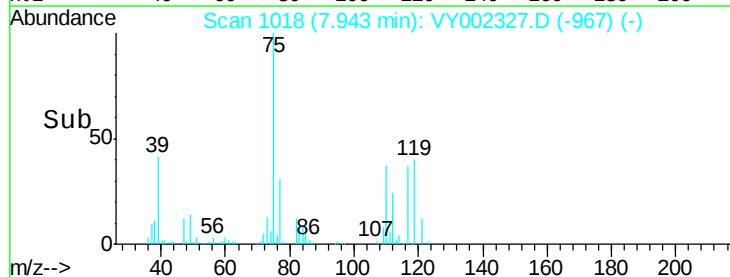
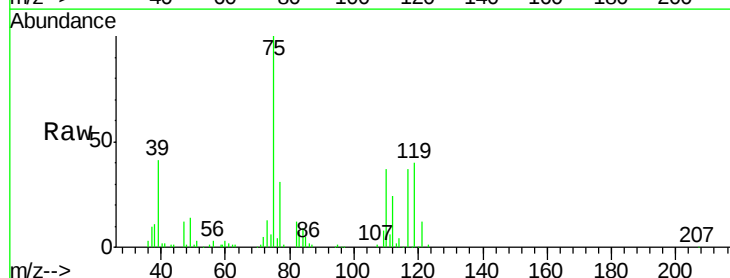
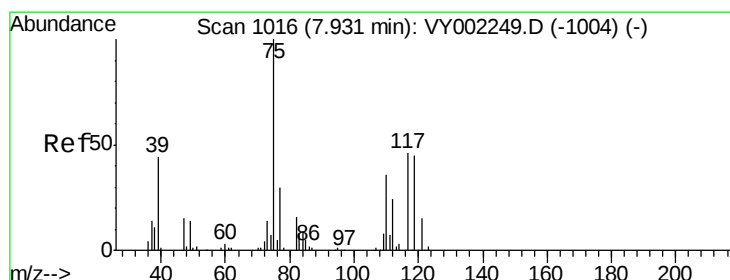
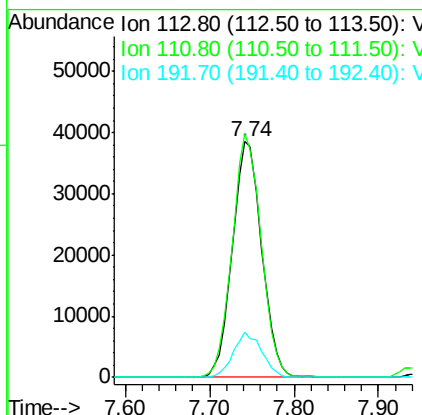
MSVOA_Y

ClientSampleId :

VY0415SBS01

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#36

1,1-Dichloropropene

Concen: 20.962 ug/l

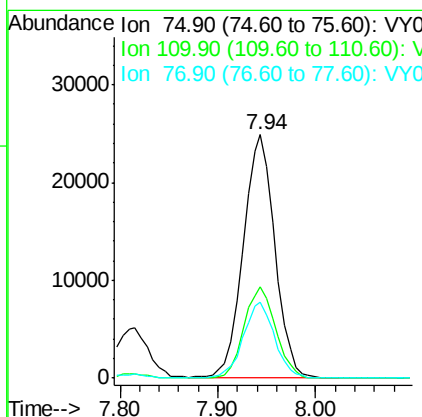
RT: 7.94 min Scan# 1018

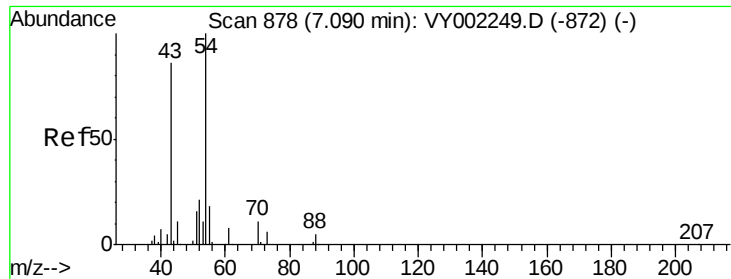
Delta R.T. 0.01 min

Lab File: VY002327.D

Acq: 15 Apr 2020 11:38

Tgt Ion:	75	Resp:	55606
Ion	Ratio	Lower	Upper
75	100		
110	37.4	17.8	53.3
77	30.8	24.4	36.6





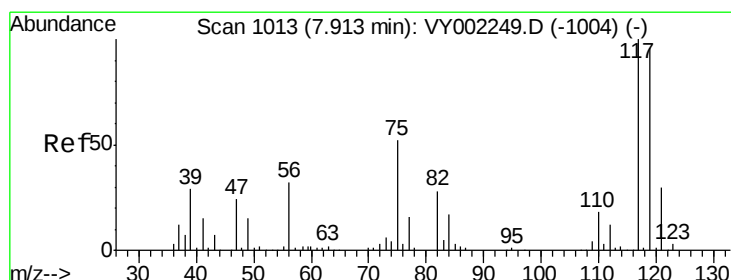
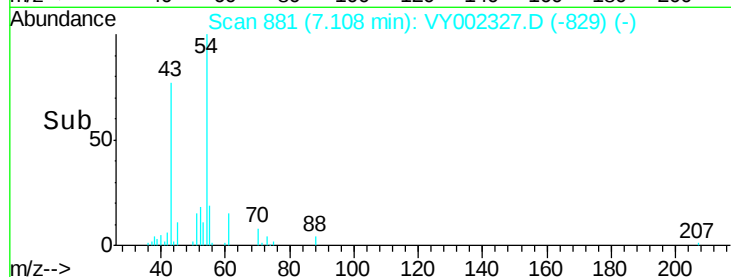
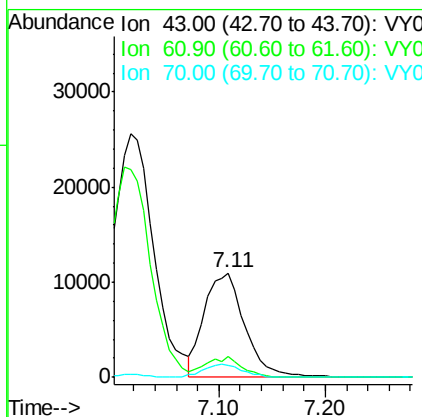
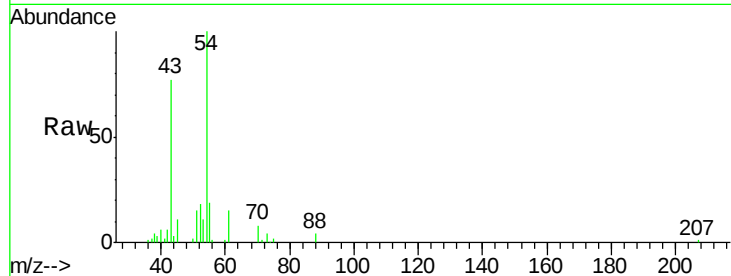
#37
Ethyl Acetate
Concen: 19.001 ug/l
RT: 7.11 min Scan# 881
Delta R.T. 0.02 min
Lab File: VY002327.D
Acq: 15 Apr 2020 11:38

Instrument :
MSVOA_Y
ClientSampleId :
VY0415SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	17.8	11.8	17.6#
70	12.2	9.1	13.7

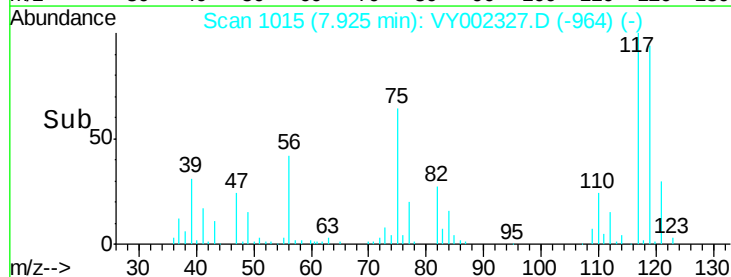
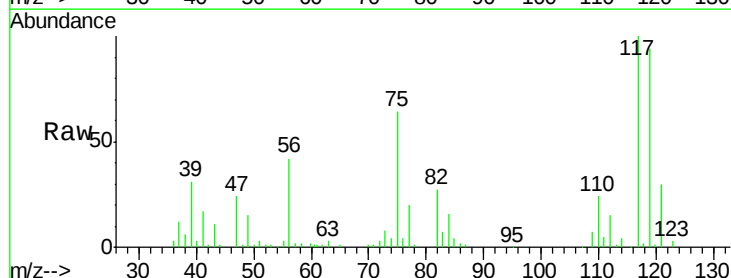
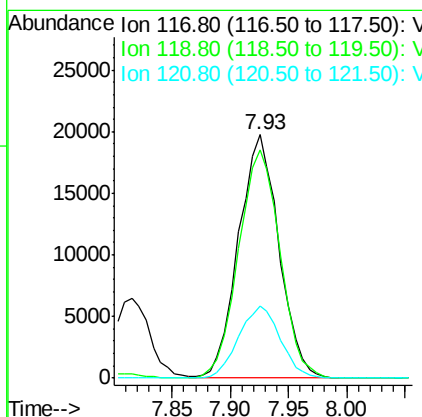
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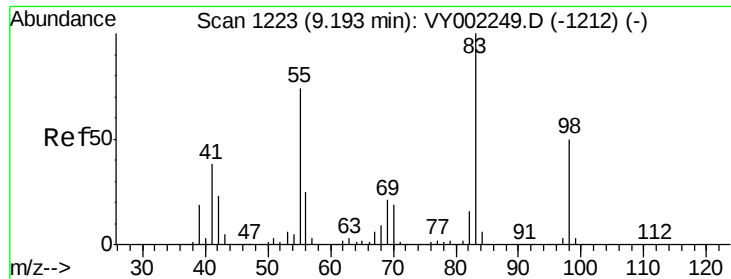
MMDadoda
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#38
Carbon Tetrachloride
Concen: 21.011 ug/l
RT: 7.93 min Scan# 1015
Delta R.T. 0.01 min
Lab File: VY002327.D
Acq: 15 Apr 2020 11:38

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.7	77.1	115.7
121	29.5	23.9	35.9





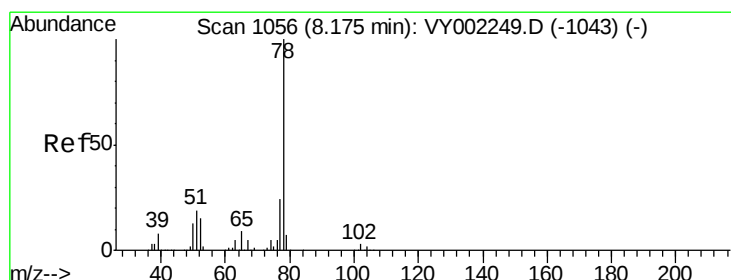
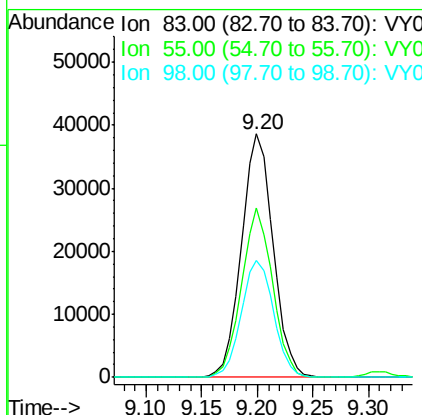
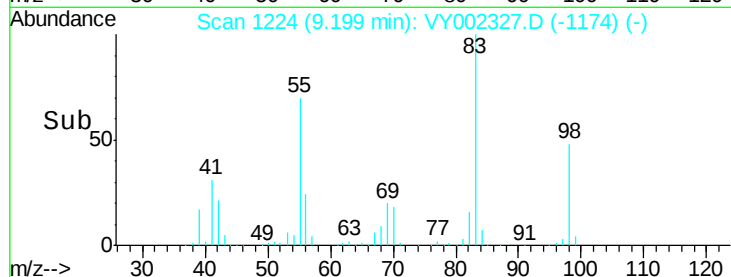
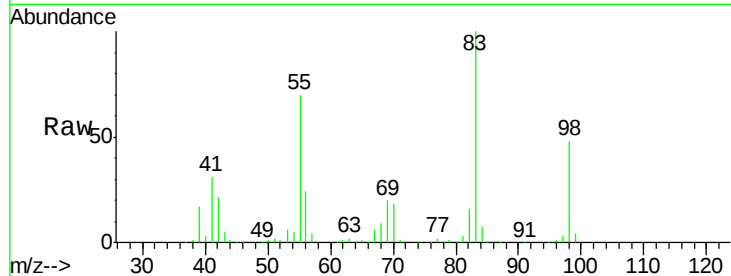
#39
Methvlcvclohexane
Concen: 21.144 ug/l
RT: 9.20 min Scan# 1224
Delta R.T. 0.01 min
Lab File: VY002327.D
Acq: 15 Apr 2020 11:38

Instrument :
MSVOA_Y
ClientSampleId :
VY0415SBS01

Tot Ion	83	Resp	76299
Ion Ratio	100	Lower	Upper
83	100		
55	69.6	59.3	88.9
98	48.1	39.6	59.4

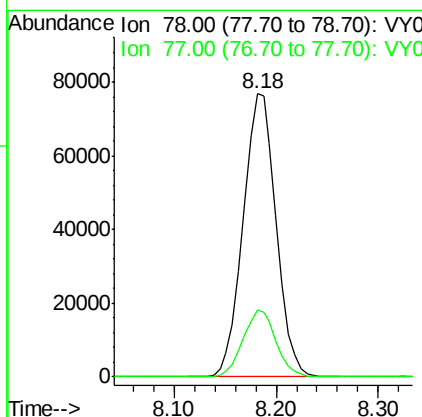
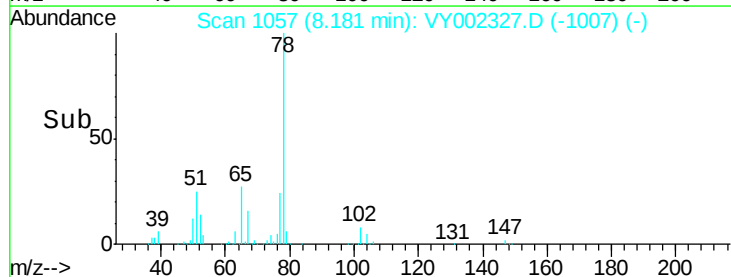
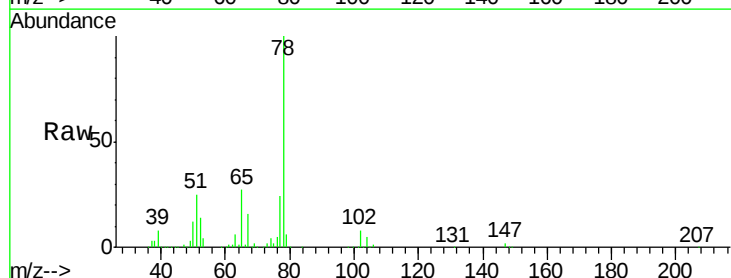
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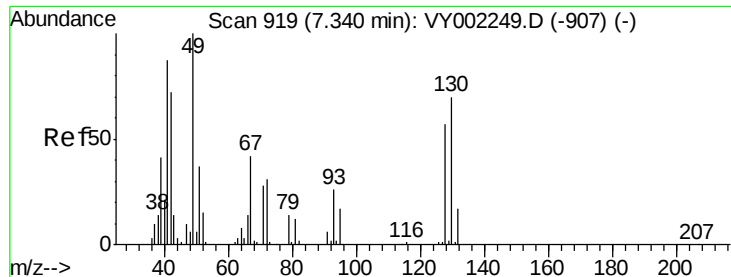
MMDadoda
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#40
Benzene
Concen: 21.468 ug/l
RT: 8.18 min Scan# 1057
Delta R.T. 0.01 min
Lab File: VY002327.D
Acq: 15 Apr 2020 11:38

Tgt Ion	78	Resp	172785
Ion Ratio	100	Lower	Upper
78	100		
77	23.6	18.9	28.3





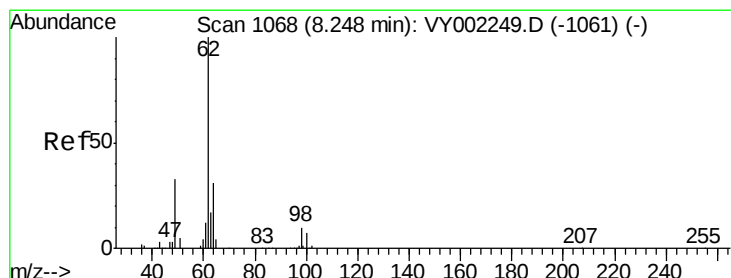
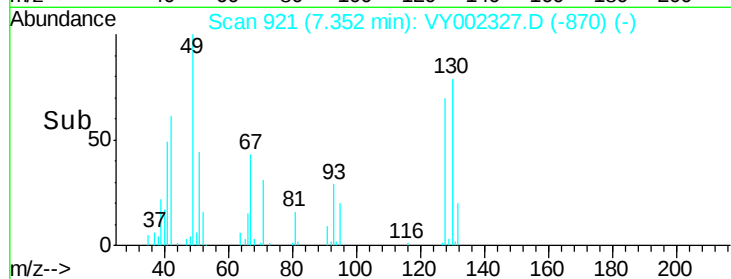
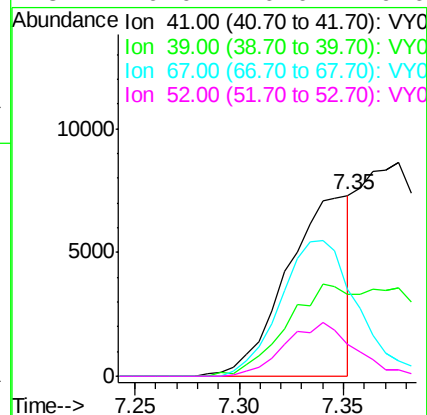
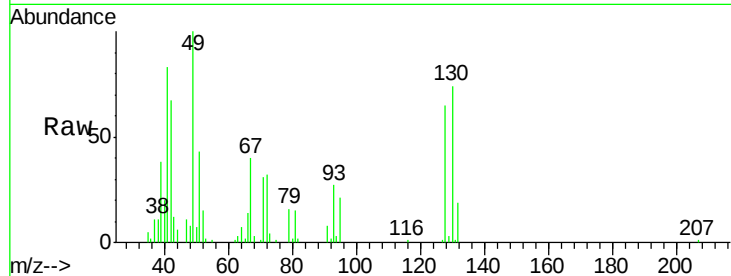
#41
Methacrylonitrile
Concen: 17.425 ug/l m
RT: 7.35 min Scan# 921
Delta R.T. 0.01 min
Lab File: VY002327.D
Acq: 15 Apr 2020 11:38

Instrument :
MSVOA_Y
ClientSampleId :
VY0415SBS01

Tot Ion	41	Resp	15578
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

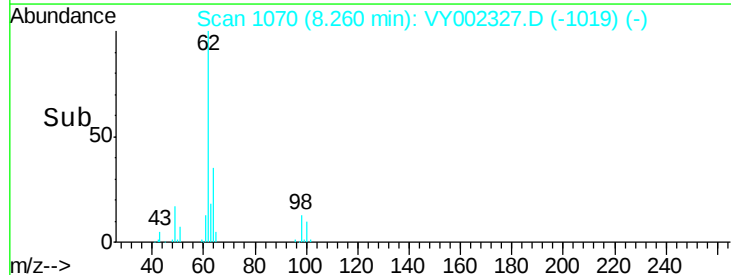
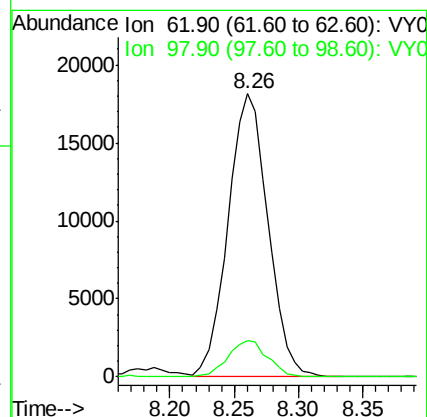
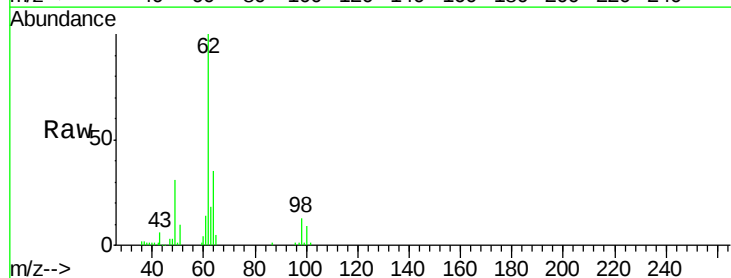
Manual Integrations
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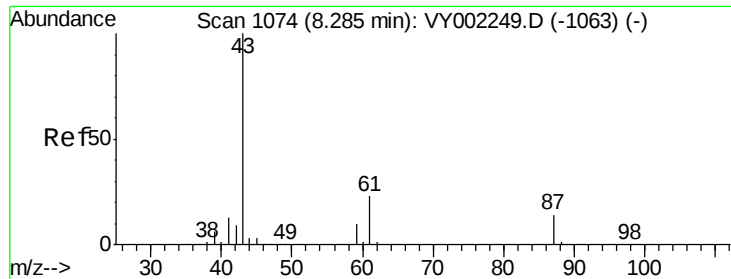
MMDadoda
4/16/2020 10:31:56 AM



#42
1,2-Dichloroethane
Concen: 19.662 ug/l
RT: 8.26 min Scan# 1070
Delta R.T. 0.01 min
Lab File: VY002327.D
Acq: 15 Apr 2020 11:38

Tgt Ion	62	Resp	39200
Ion	Ratio	Lower	Upper
62	100		
98	12.6	0.0	22.6





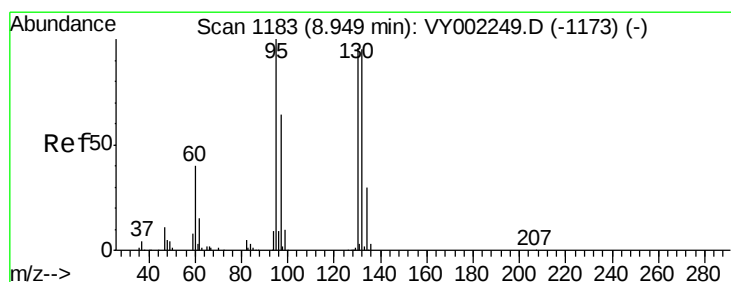
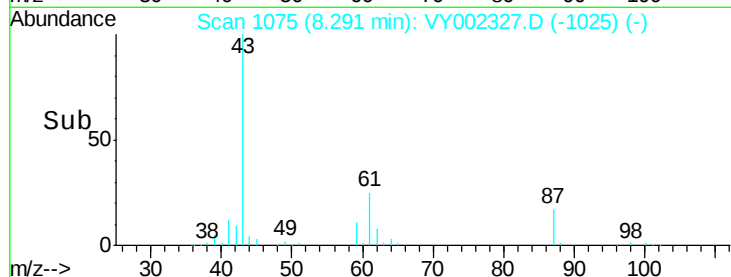
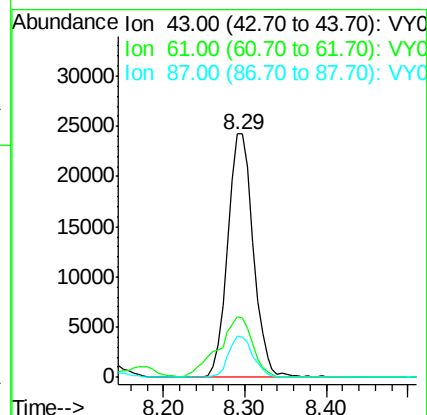
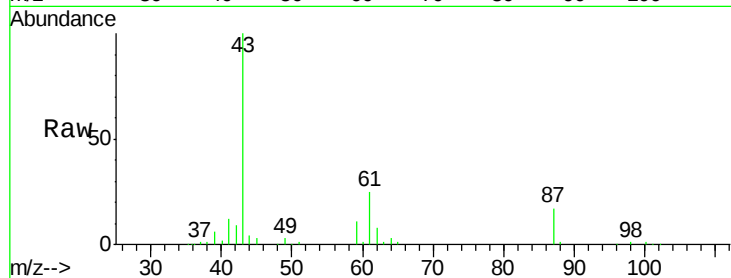
#43
Isopropyl Acetate
Concen: 18.982 ug/l
RT: 8.29 min Scan# 1075
Delta R.T. 0.01 min
Lab File: VY002327.D
Acq: 15 Apr 2020 11:38

Instrument :
MSVOA_Y
ClientSampleId :
VY0415SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	33.0	24.9	37.3
87	16.1	11.7	17.5

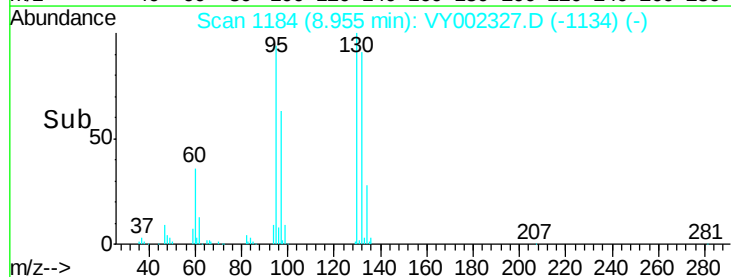
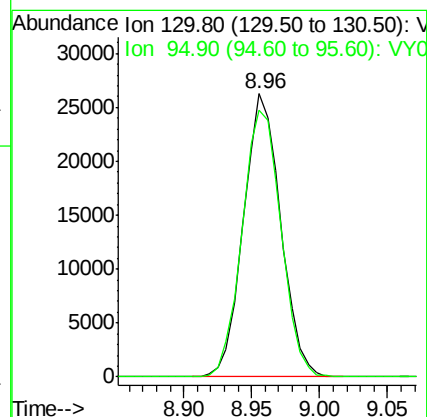
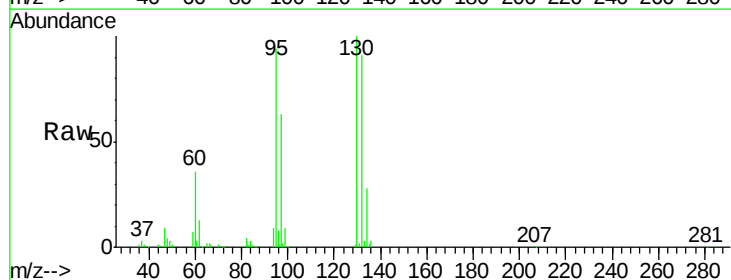
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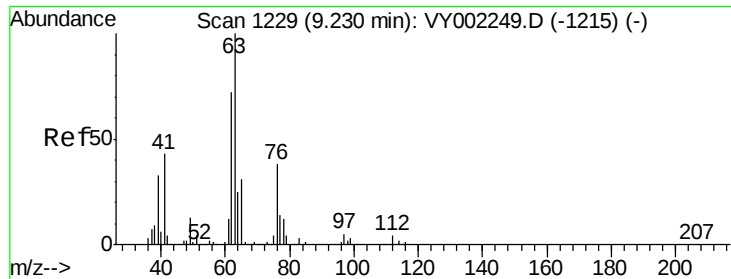
MMDadoda
4/16/2020 10:31:56 AM



#44
Trichloroethene
Concen: 21.252 ug/l
RT: 8.96 min Scan# 1184
Delta R.T. 0.01 min
Lab File: VY002327.D
Acq: 15 Apr 2020 11:38

Tgt Ion	Ratio	Lower	Upper
130	100		
95	94.2	0.0	208.2





#45

1,2-Dichloropropane

Concen: 20.939 ug/l

RT: 9.24 min Scan# 1230

Delta R.T. 0.01 min

Lab File: VY002327.D

Acq: 15 Apr 2020 11:38

Instrument :

MSVOA_Y

ClientSampleId :

VY0415SBS01

Tot Ion: 63 Resp: 41815

Ion Ratio Lower Upper

63 100

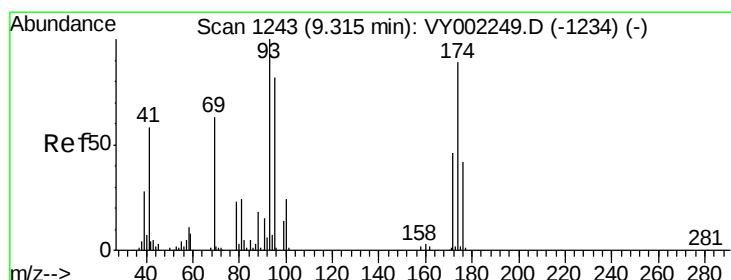
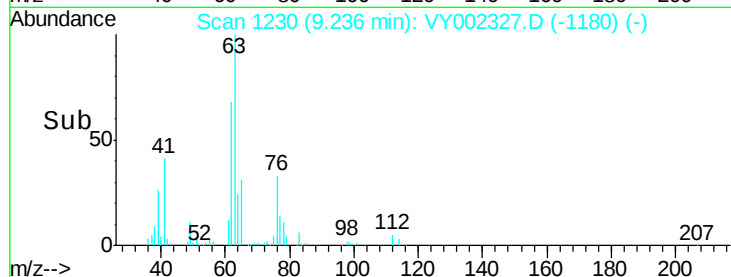
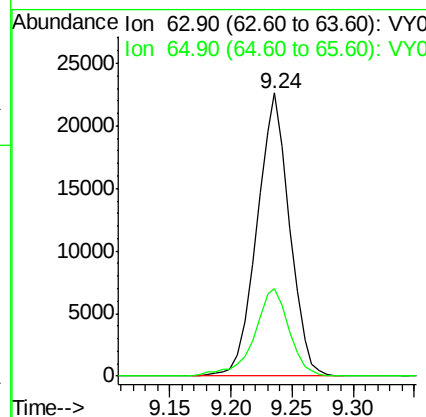
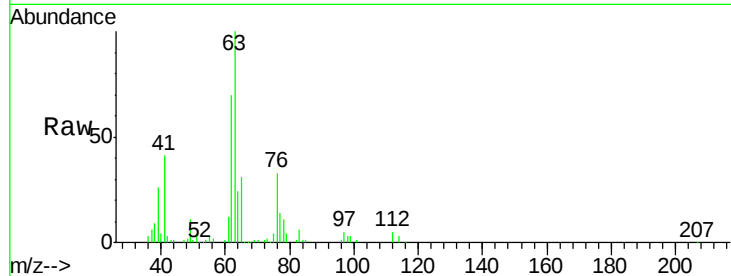
65 30.8 24.6 37.0

Manual Integrations

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MMDadoda

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#46

Dibromomethane

Concen: 20.891 ug/l

RT: 9.32 min Scan# 1244

Delta R.T. 0.01 min

Lab File: VY002327.D

Acq: 15 Apr 2020 11:38

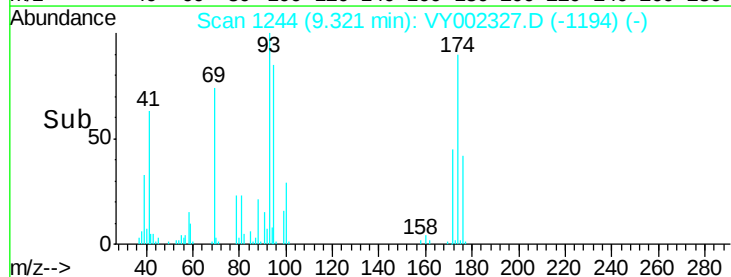
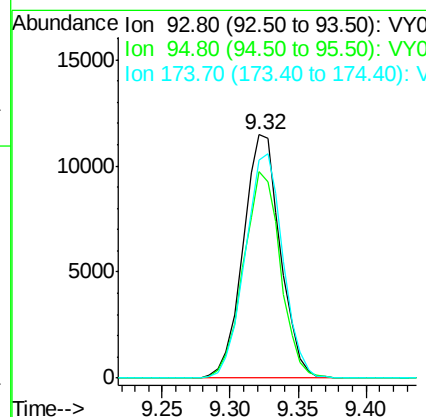
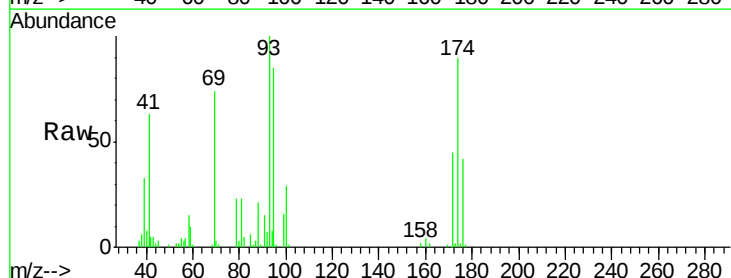
Tgt Ion: 93 Resp: 21813

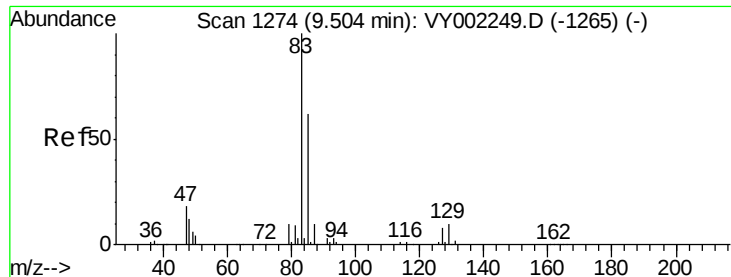
Ion Ratio Lower Upper

93 100

95 84.5 67.3 100.9

174 94.1 72.5 108.7





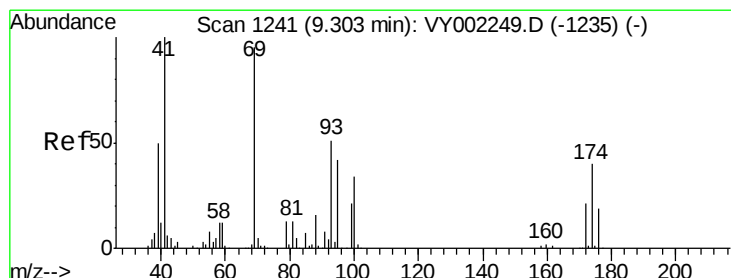
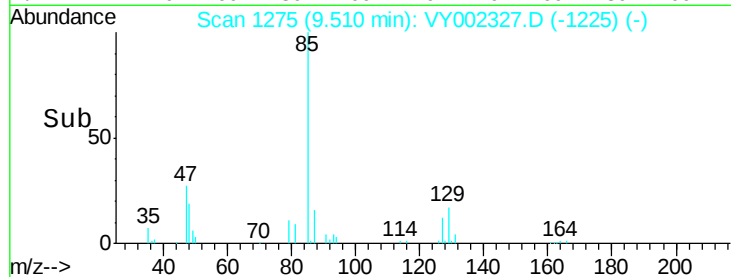
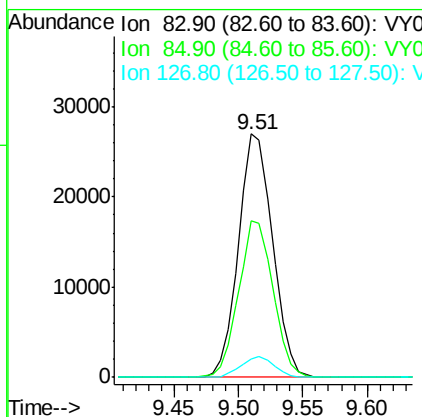
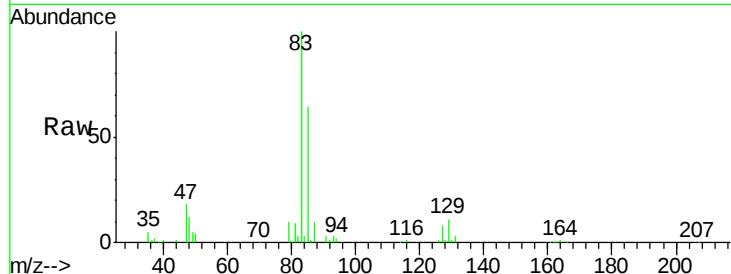
#47
Bromodichloromethane
Concen: 20.709 ug/l
RT: 9.51 min Scan# 1275
Delta R.T. 0.01 min
Lab File: VY002327.D
Acq: 15 Apr 2020 11:38

Instrument :
MSVOA_Y
ClientSampleId :
VY0415SBS01

Tot Ion	83	Resp	49614
Ion Ratio	100	Lower	Upper
85	64.4	49.7	74.5
127	7.5	6.2	9.4

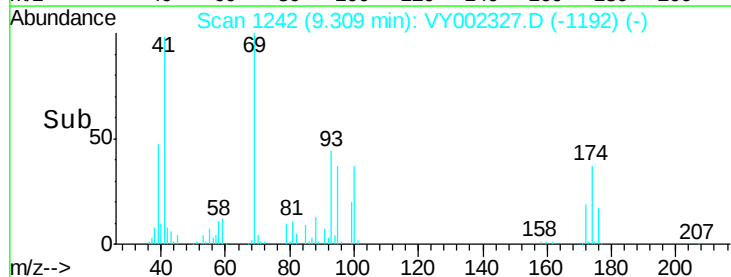
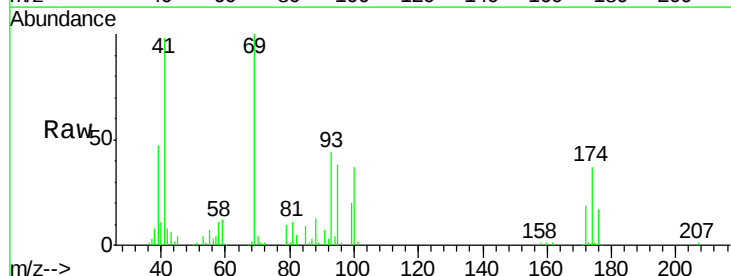
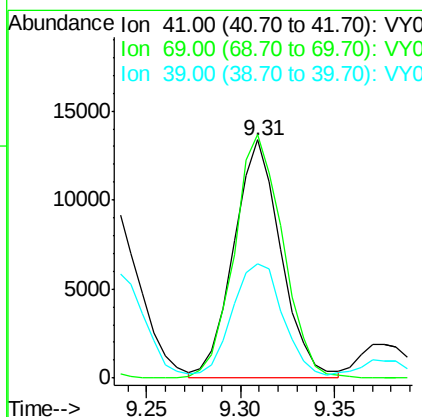
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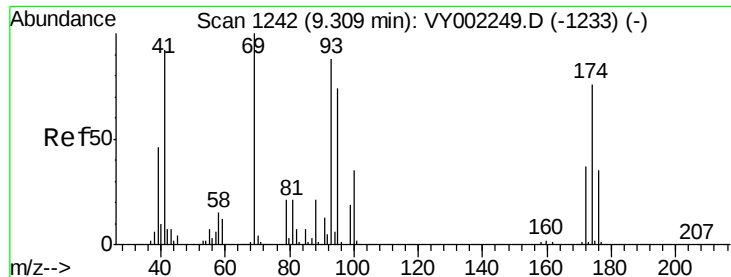
MMDadoda
4/16/2020 10:31:56 AM



#48
Methyl methacrylate
Concen: 18.844 ug/l
RT: 9.31 min Scan# 1242
Delta R.T. 0.01 min
Lab File: VY002327.D
Acq: 15 Apr 2020 11:38

Tgt Ion	41	Resp	23353
Ion Ratio	100	Lower	Upper
69	104.2	76.7	115.1
39	49.3	40.5	60.7





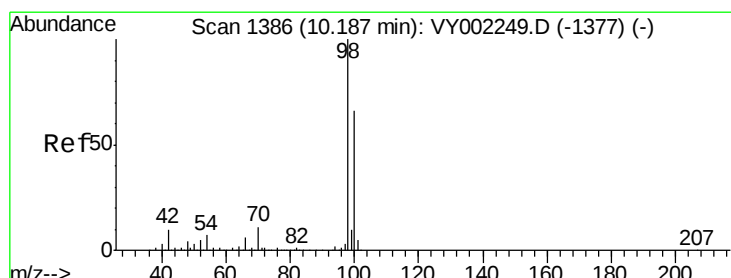
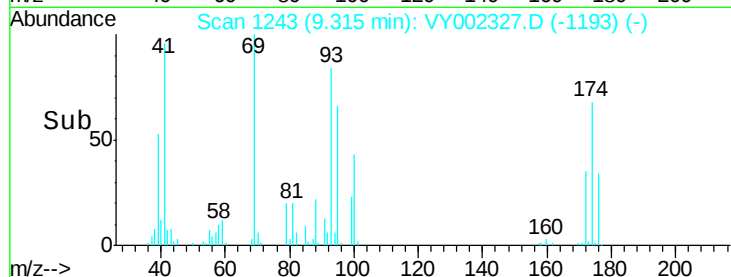
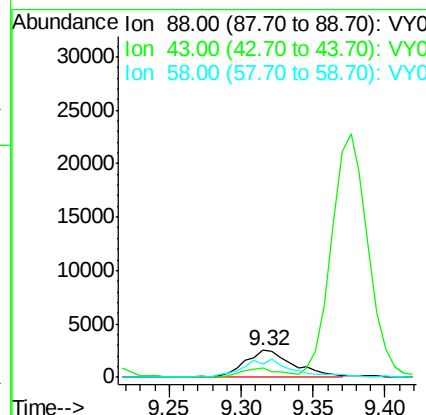
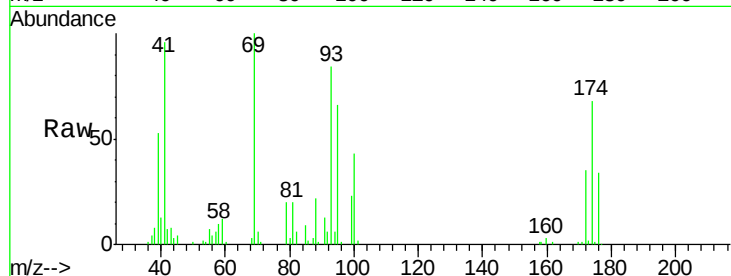
#49
1,4-Dioxane
Concen: 400.411 ug/l
RT: 9.32 min Scan# 1243
Delta R.T. 0.01 min
Lab File: VY002327.D
Acq: 15 Apr 2020 11:38

Instrument :
MSVOA_Y
ClientSampleId :
VY0415SBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	26.6	22.2	33.2
58	70.7	57.6	86.4

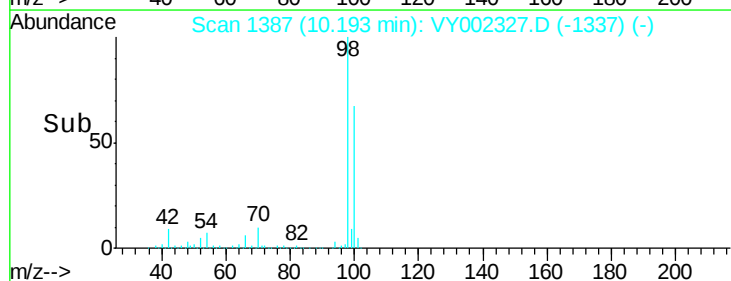
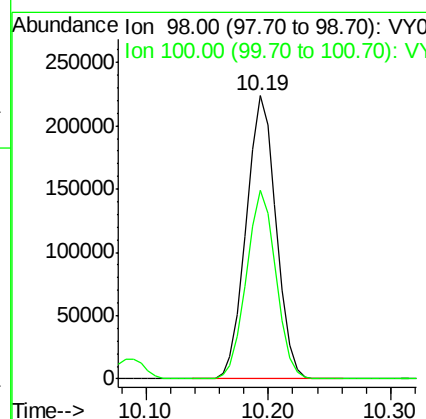
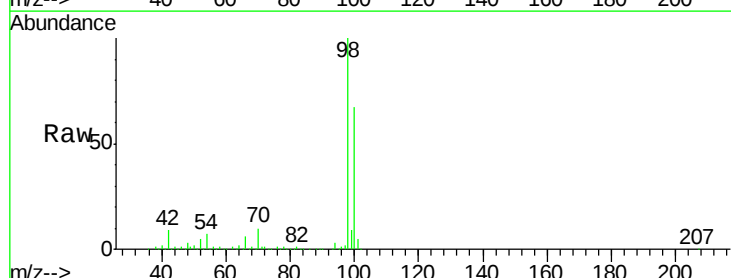
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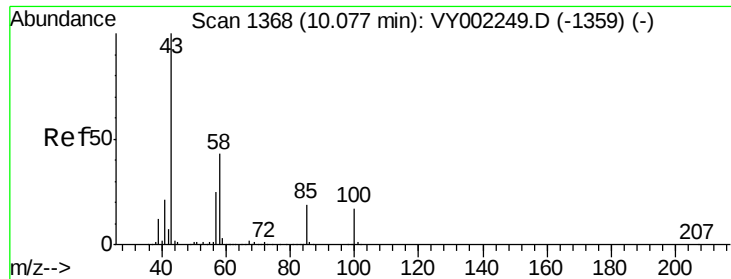
MMDadoda
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#50
Toluene-d8
Concen: 56.549 ug/l
RT: 10.19 min Scan# 1387
Delta R.T. 0.01 min
Lab File: VY002327.D
Acq: 15 Apr 2020 11:38

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.9	52.6	78.8





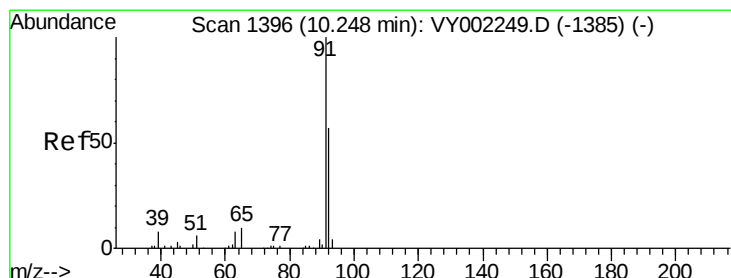
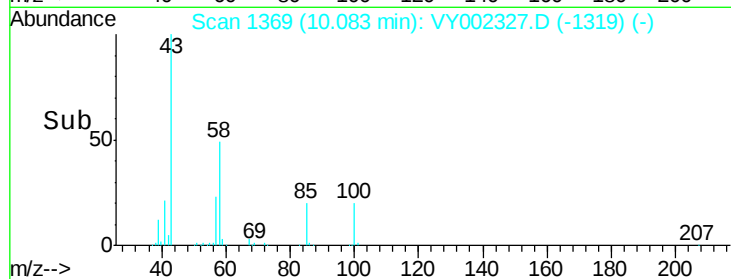
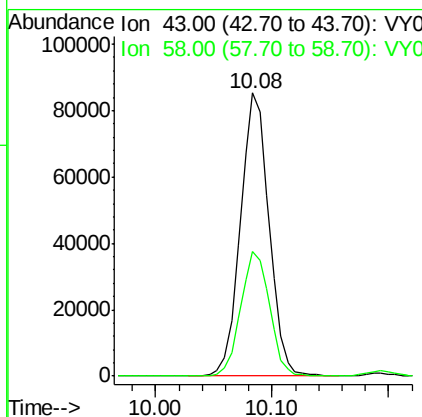
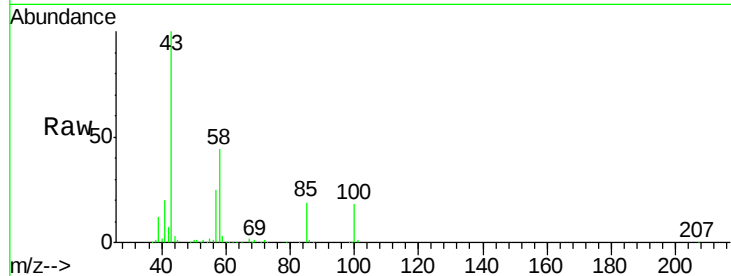
#51
4-Methyl-2-Pentanone
Concen: 101.512 ug/l
RT: 10.08 min Scan# 1369
Delta R.T. 0.01 min
Lab File: VY002327.D
Acq: 15 Apr 2020 11:38

Instrument :
MSVOA_Y
ClientSampleId :
VY0415SBS01

Tot Ion	43	58	Ratio	100	Resp	146199	Lower	Upper
43	100							
58	44.8				33.8	50.8		

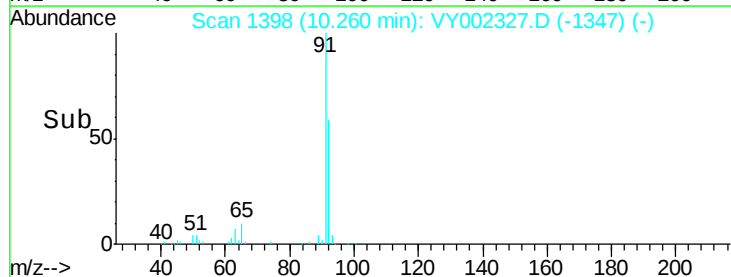
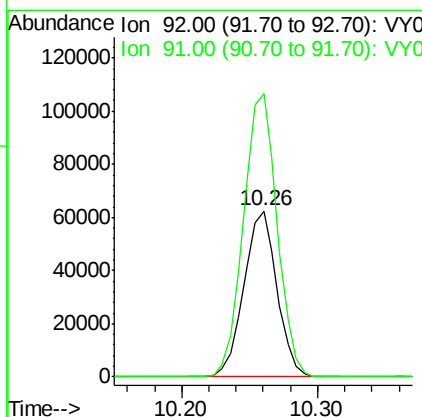
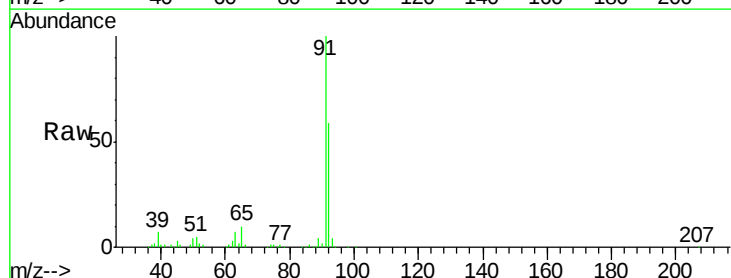
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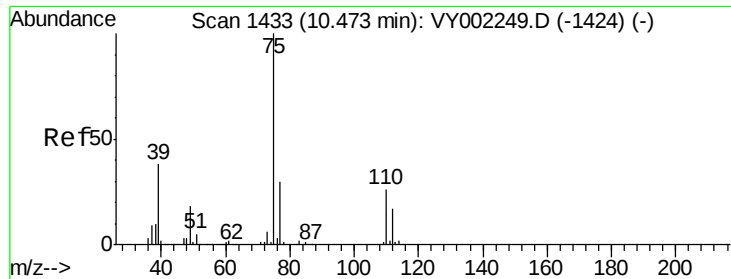
MMDadoda
4/16/2020 10:31:56 AM



#52
Toluene
Concen: 21.811 ug/l
RT: 10.26 min Scan# 1398
Delta R.T. 0.01 min
Lab File: VY002327.D
Acq: 15 Apr 2020 11:38

Tgt Ion	92	91	Ratio	100	Resp	105794	Lower	Upper
92	100							
91	174.1				139.0	208.6		





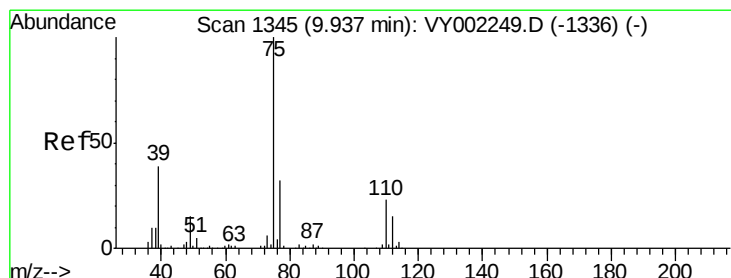
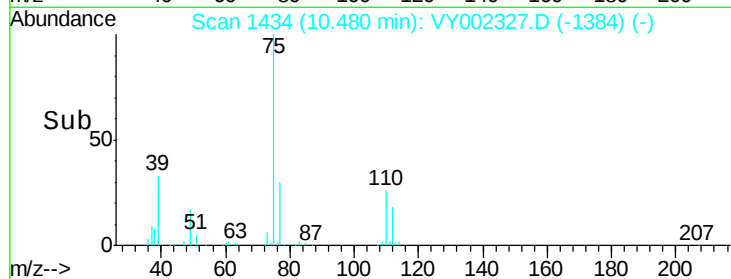
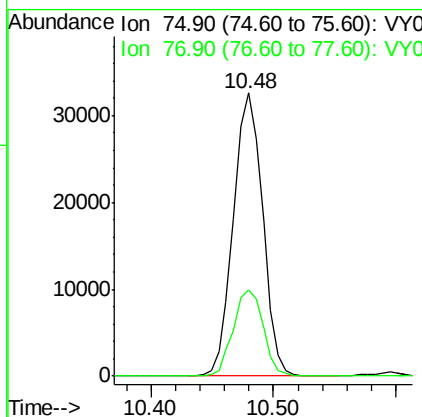
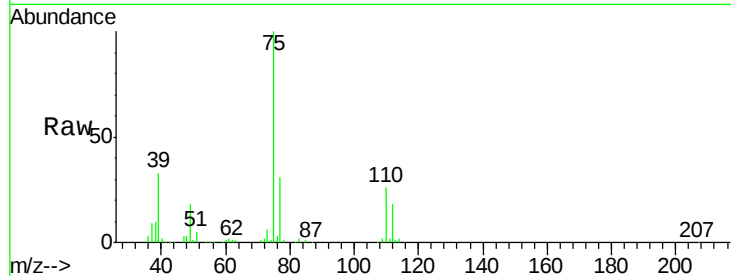
#53
t-1,3-Dichloropropene
Concen: 20.720 ug/l
RT: 10.48 min Scan# 1434
Delta R.T. 0.01 min
Lab File: VY002327.D
Acq: 15 Apr 2020 11:38

Instrument :
MSVOA_Y
ClientSampleId :
VY0415SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.7	24.2	36.2

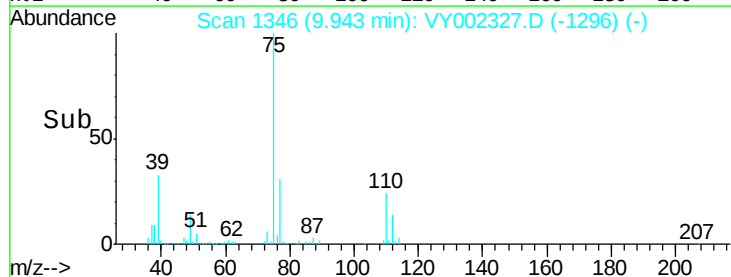
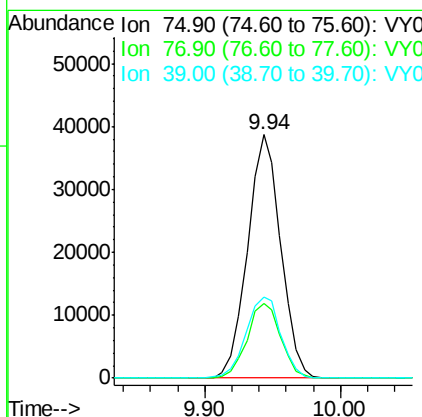
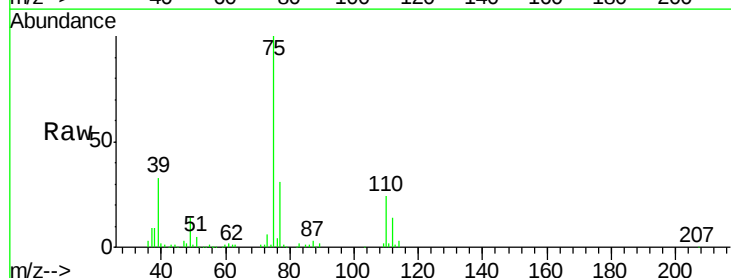
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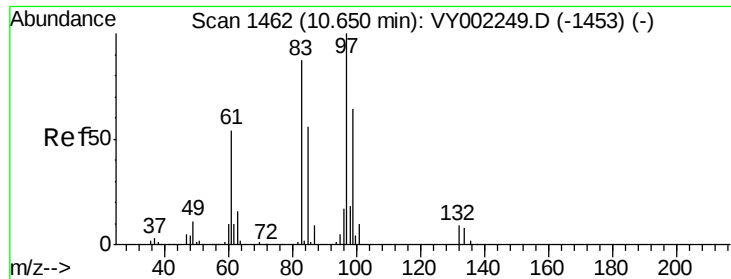
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4/16/2020 10:31:56 AM



#54
cis-1,3-Dichloropropene
Concen: 20.984 ug/l
RT: 9.94 min Scan# 1346
Delta R.T. 0.01 min
Lab File: VY002327.D
Acq: 15 Apr 2020 11:38

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.9	25.8	38.8
39	33.3	30.8	46.2





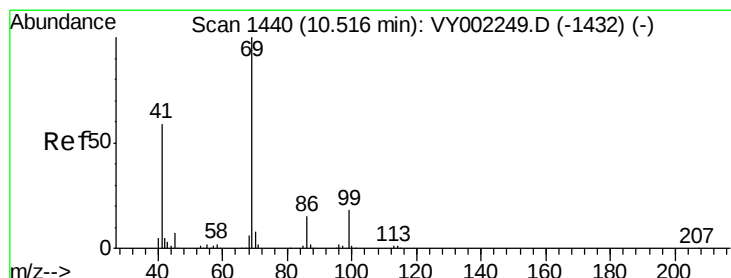
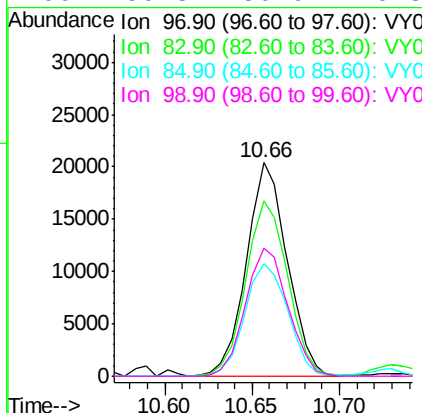
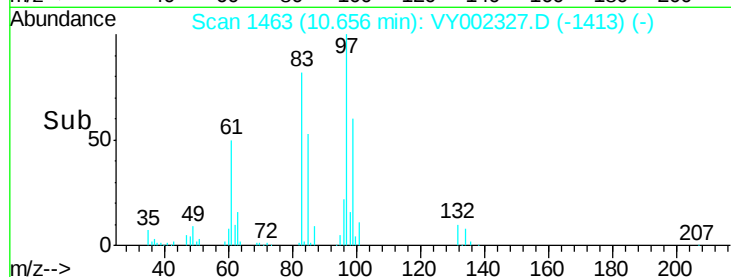
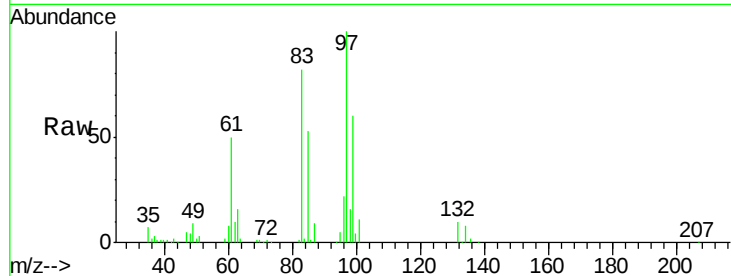
#55
 1,1,2-Trichloroethane
 Concen: 21.675 ug/l
 RT: 10.66 min Scan# 1463
 Delta R.T. 0.01 min
 Lab File: VY002327.D
 Acq: 15 Apr 2020 11:38

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0415SBS01

Tot Ion:	97	Resp:	33134
Ion	Ratio	Lower	Upper
97	100		
83	82.3	69.5	104.3
85	53.0	45.2	67.8
99	59.8	50.9	76.3

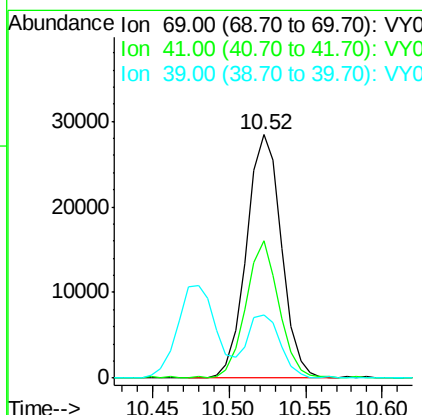
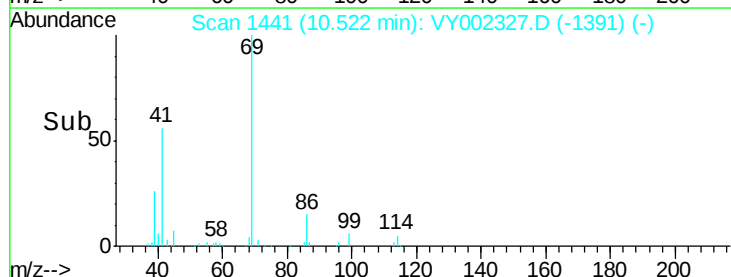
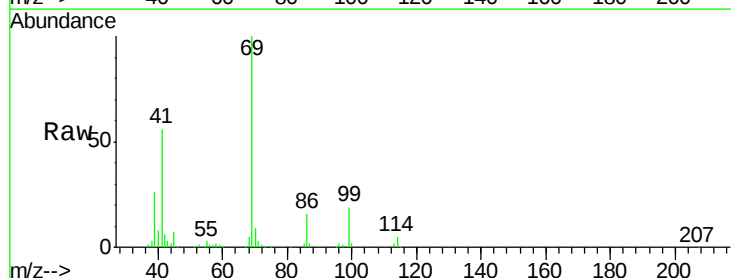
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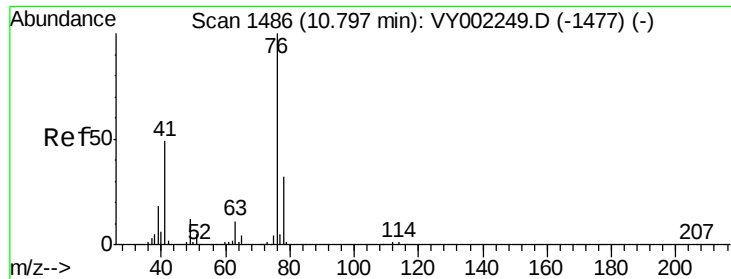
MMDadoda
 4/16/2020 10:31:56 AM



#56
 Ethyl methacrylate
 Concen: 20.676 ug/l
 RT: 10.52 min Scan# 1441
 Delta R.T. 0.01 min
 Lab File: VY002327.D
 Acq: 15 Apr 2020 11:38

Tgt Ion:	69	Resp:	45110
Ion	Ratio	Lower	Upper
69	100		
41	52.5	47.9	71.9
39	24.8	23.8	35.6





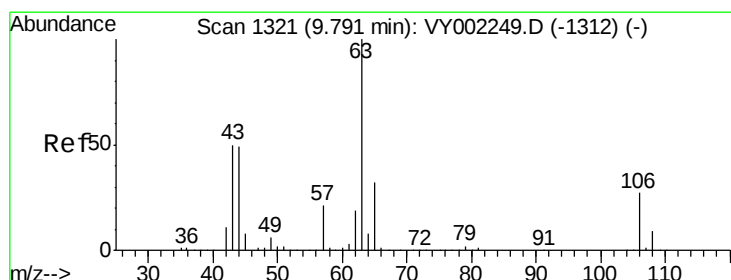
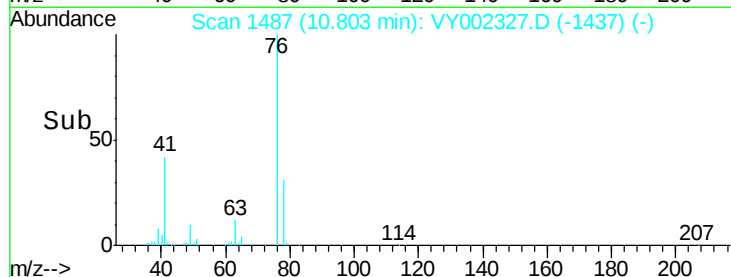
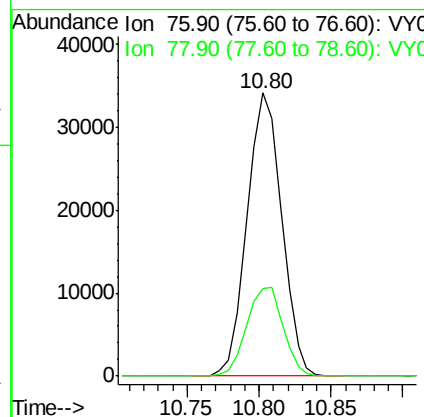
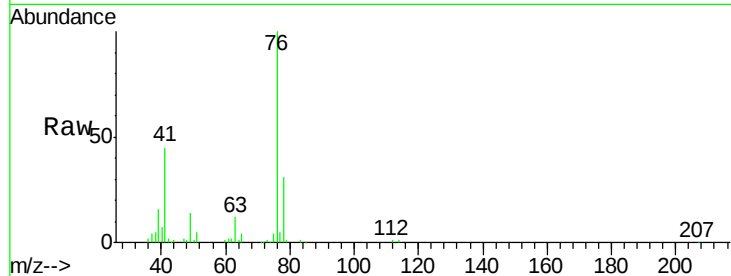
#57
 1,3-Dichloropropane
 Concen: 21.164 ug/l
 RT: 10.80 min Scan# 1487
 Delta R.T. 0.01 min
 Lab File: VY002327.D
 Acq: 15 Apr 2020 11:38

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0415SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.9	25.8	38.6

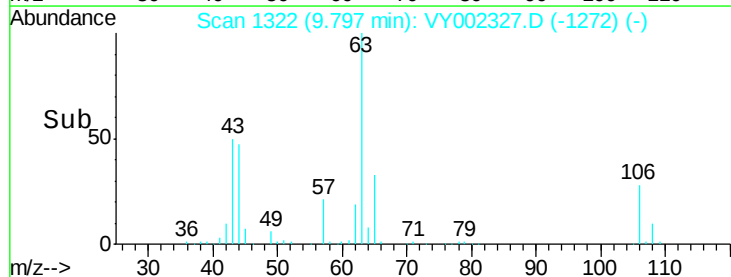
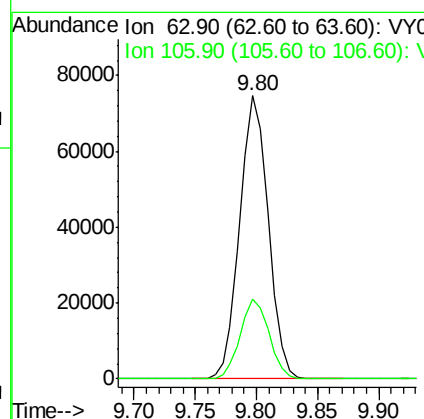
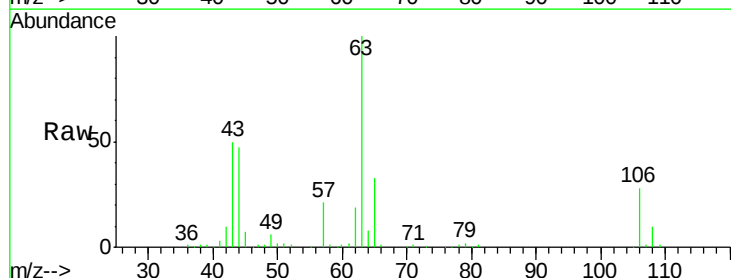
Manual Integrations
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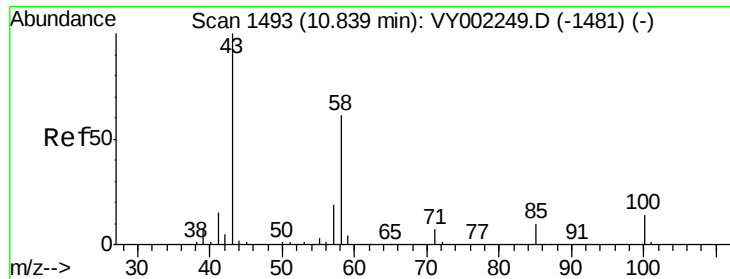
MMDadoda
 4/16/2020 10:31:56 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 106.803 ug/l
 RT: 9.80 min Scan# 1322
 Delta R.T. 0.01 min
 Lab File: VY002327.D
 Acq: 15 Apr 2020 11:38

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.6	22.2	33.2





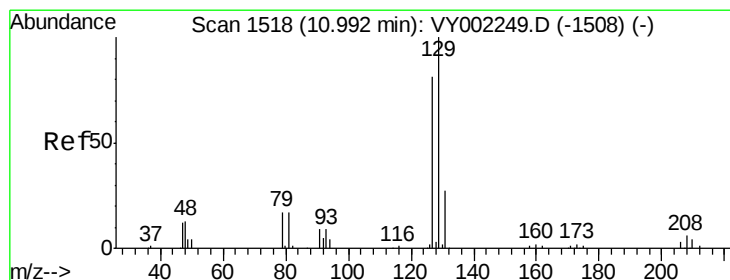
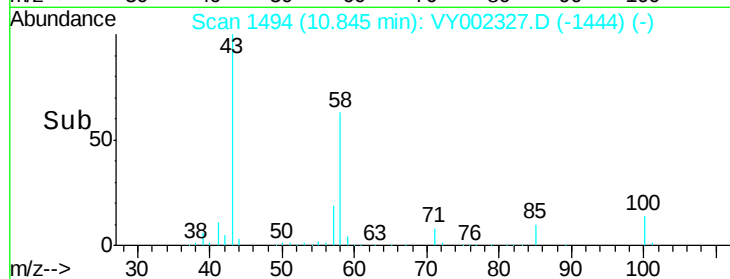
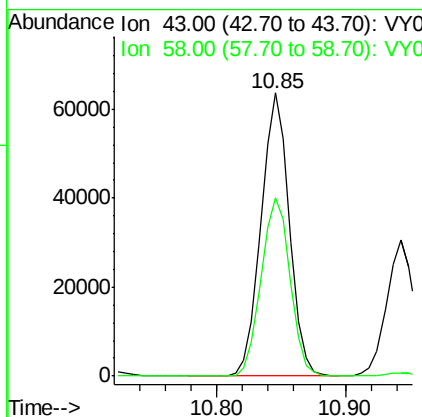
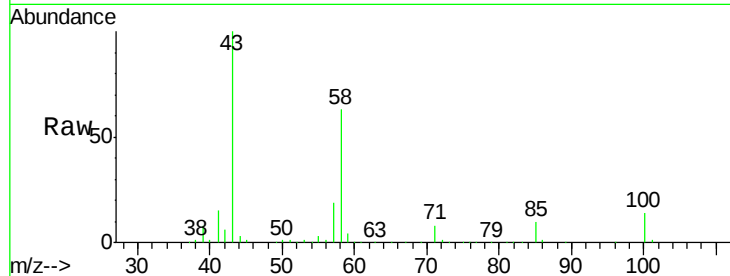
#59
2-Hexanone
Concen: 96.636 ug/l
RT: 10.85 min Scan# 1494
Delta R.T. 0.01 min
Lab File: VY002327.D
Acq: 15 Apr 2020 11:38

Instrument :
MSVOA_Y
ClientSampleId :
VY0415SBS01

Tot Ion: 43 Resp: 96592
Ion Ratio Lower Upper
43 100
58 64.4 29.8 89.3

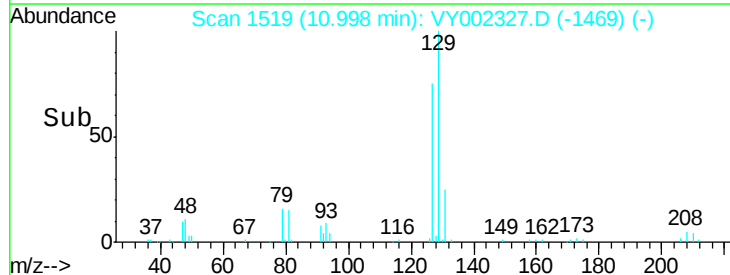
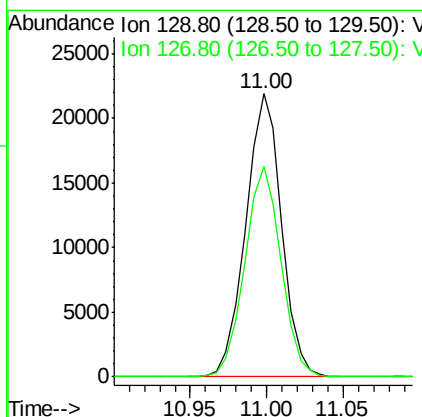
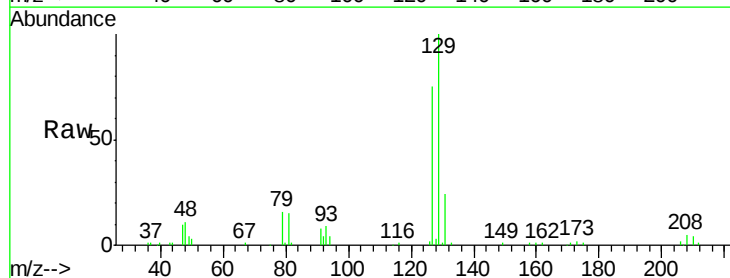
Manual Integrations
APPROVED

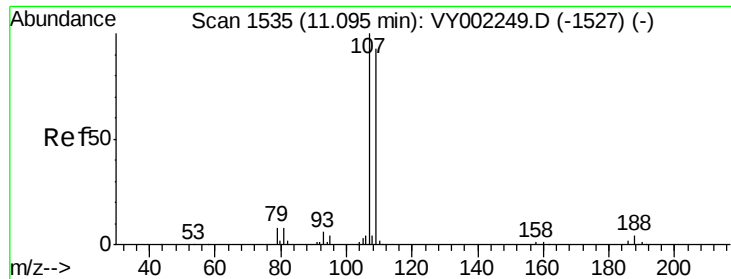
MMDadoda
4/16/2020 10:31:56 AM



#60
Dibromochloromethane
Concen: 21.837 ug/l
RT: 11.00 min Scan# 1519
Delta R.T. 0.01 min
Lab File: VY002327.D
Acq: 15 Apr 2020 11:38

Tgt Ion: 129 Resp: 35594
Ion Ratio Lower Upper
129 100
127 75.0 39.0 117.0





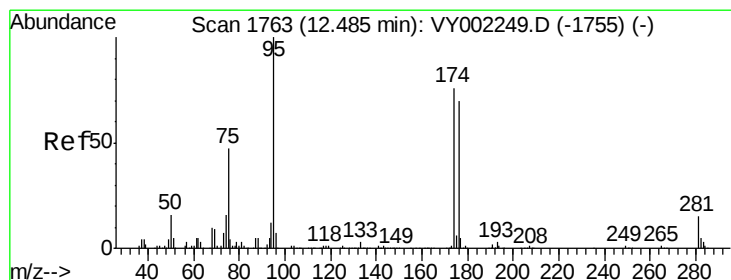
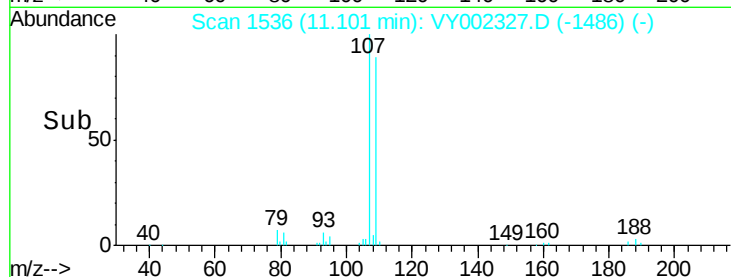
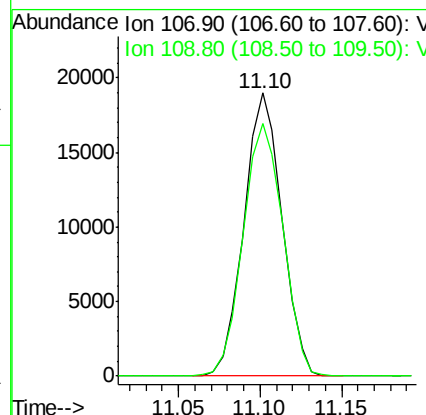
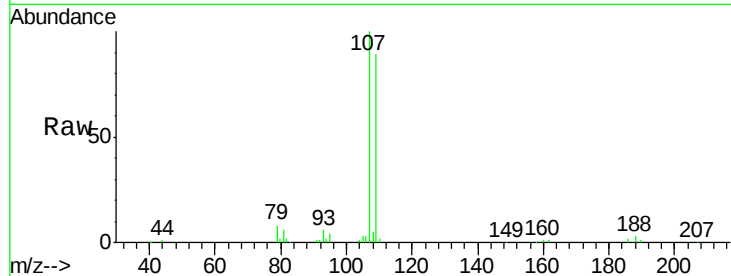
#61
 1,2-Dibromoethane
 Concen: 21.260 ug/l
 RT: 11.10 min Scan# 1536
 Delta R.T. 0.01 min
 Lab File: VY002327.D
 Acq: 15 Apr 2020 11:38

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0415SBS01

Tot Ion: 107 Resp: 30939
 Ion Ratio Lower Upper
 107 100
 109 93.6 75.6 113.4

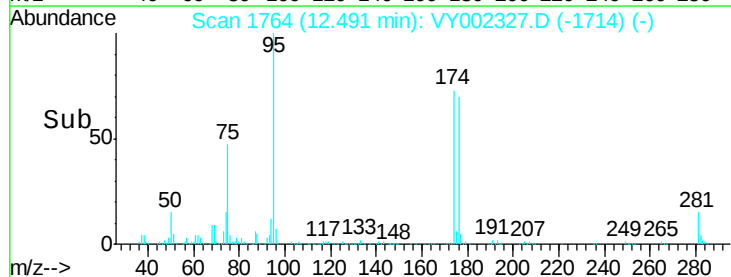
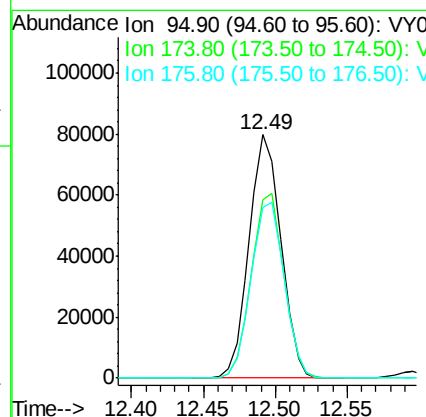
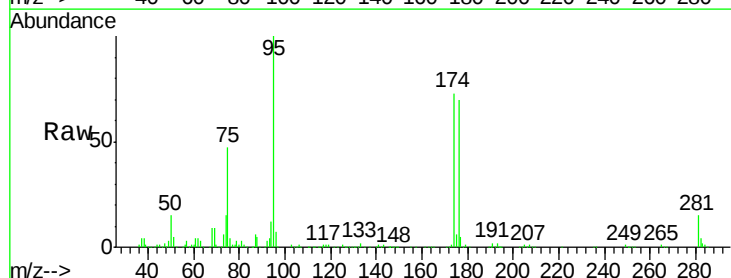
Manual Integrations
 APPROVED

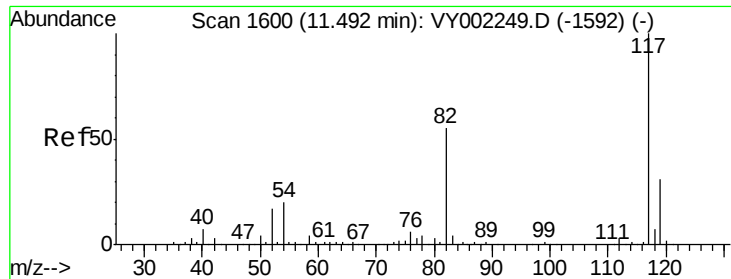
MMDadoda
 4/16/2020 10:31:56 AM



#62
 4-Bromofluorobenzene
 Concen: 55.114 ug/l
 RT: 12.49 min Scan# 1764
 Delta R.T. 0.01 min
 Lab File: VY002327.D
 Acq: 15 Apr 2020 11:38

Tgt Ion: 95 Resp: 121964
 Ion Ratio Lower Upper
 95 100
 174 77.1 0.0 150.6
 176 75.3 0.0 141.4





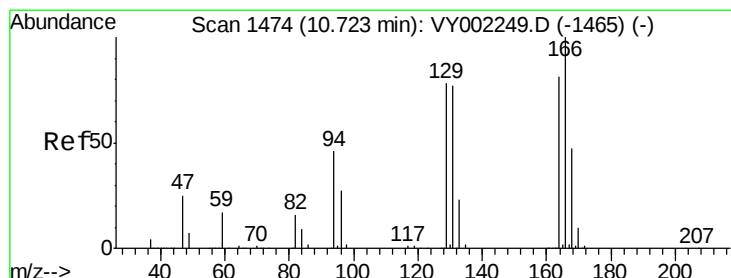
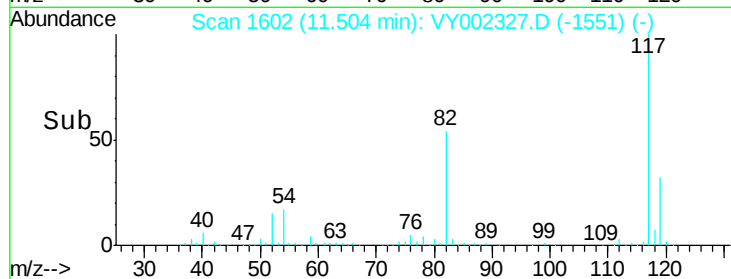
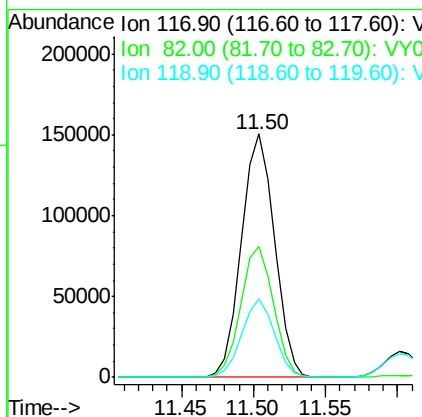
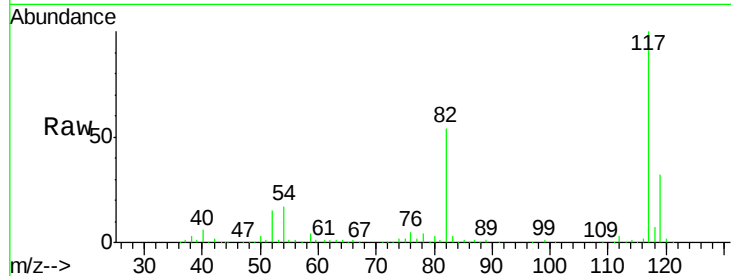
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY002327.D
Acq: 15 Apr 2020 11:38

Instrument :
MSVOA_Y
ClientSampleId :
VY0415SBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.9	44.2	66.4
119	32.2	25.1	37.7

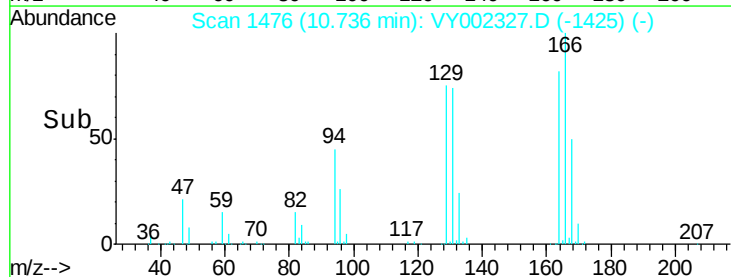
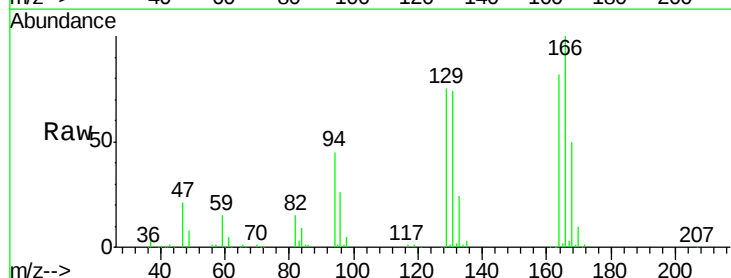
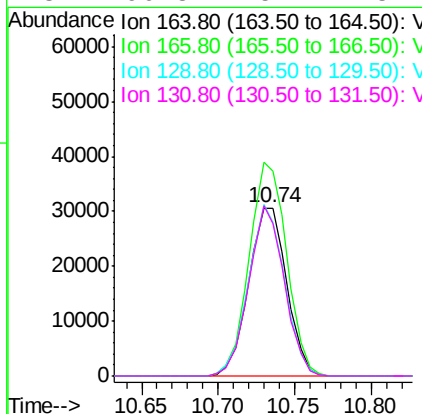
Manual Integrations
APPROVED

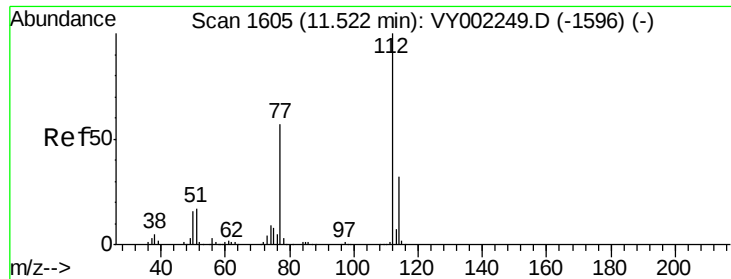
MMDadoda
4/16/2020 10:31:56 AM



#64
Tetrachloroethene
Concen: 21.879 ug/l
RT: 10.74 min Scan# 1476
Delta R.T. 0.01 min
Lab File: VY002327.D
Acq: 15 Apr 2020 11:38

Tgt Ion	Ratio	Lower	Upper
164	100		
166	122.0	98.4	147.6
129	91.3	76.6	115.0
131	90.8	75.4	113.2





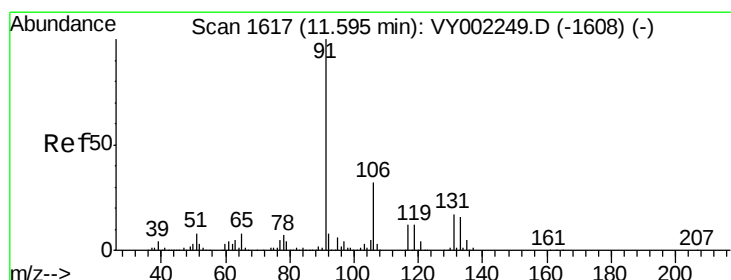
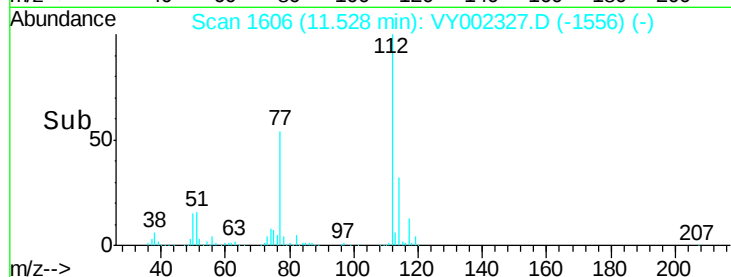
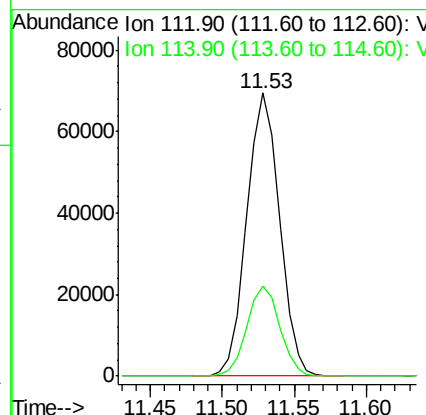
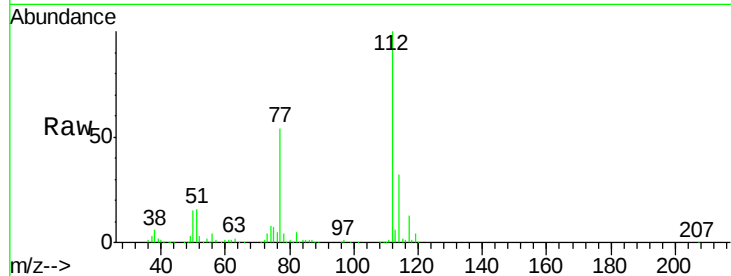
#65
Chlorobenzene
Concen: 21.949 ug/l
RT: 11.53 min Scan# 1606
Delta R.T. 0.01 min
Lab File: VY002327.D
Acq: 15 Apr 2020 11:38

Instrument :
MSVOA_Y
ClientSampleId :
VY0415SBS01

Tot Ion:112 Resp: 109542
Ion Ratio Lower Upper
112 100
114 32.0 25.6 38.4

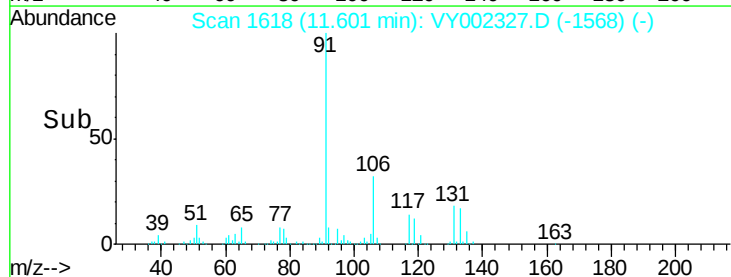
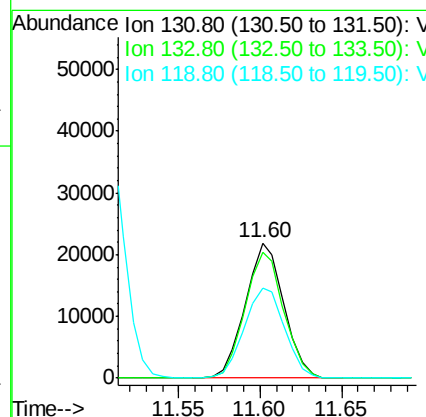
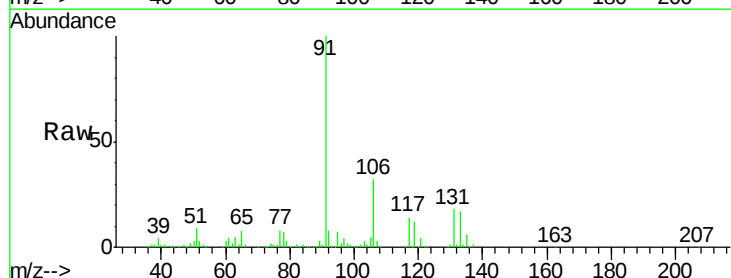
Manual Integrations
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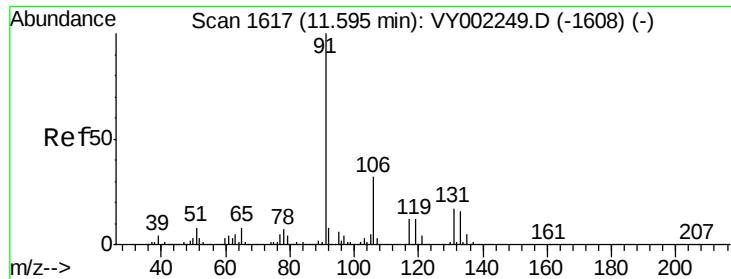
MMDadoda
4/16/2020 10:31:56 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 21.708 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. 0.01 min
Lab File: VY002327.D
Acq: 15 Apr 2020 11:38

Tgt Ion:131 Resp: 35770
Ion Ratio Lower Upper
131 100
133 94.3 46.5 139.3
119 70.2 34.5 103.6





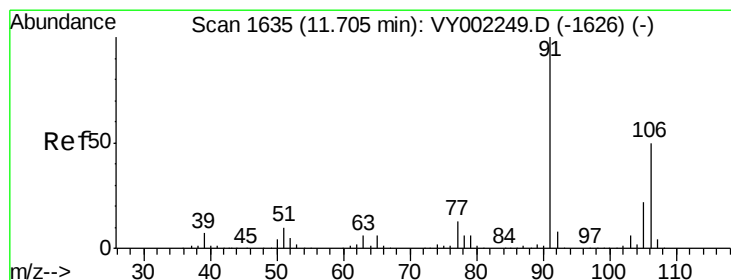
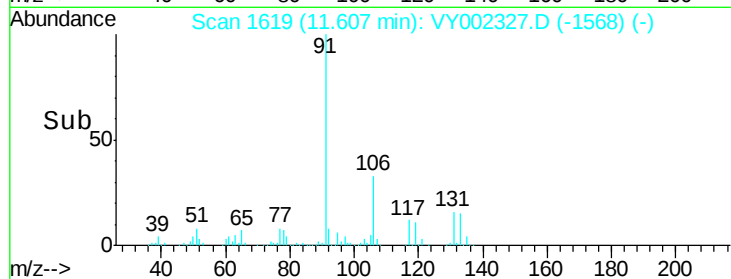
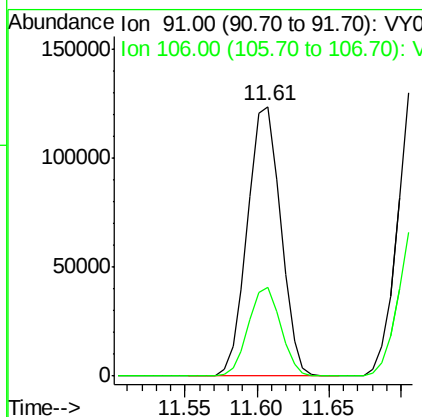
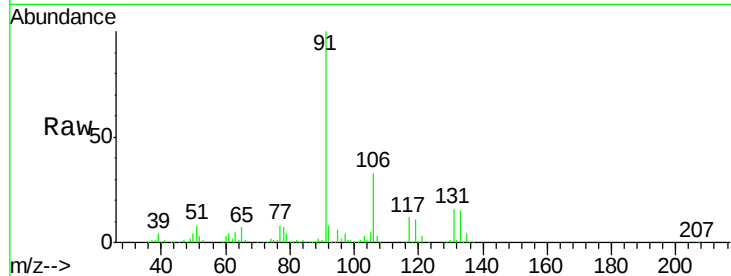
#67
Ethyl Benzene
Concen: 21.733 ug/l
RT: 11.61 min Scan# 1619
Delta R.T. 0.01 min
Lab File: VY002327.D
Acq: 15 Apr 2020 11:38

Instrument :
MSVOA_Y
ClientSampleId :
VY0415SBS01

Tot Ion	91	Resp	198560
Ion Ratio	100	Lower	Upper
106	32.7	25.4	38.0

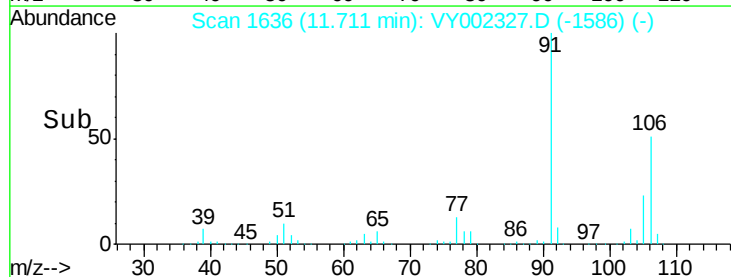
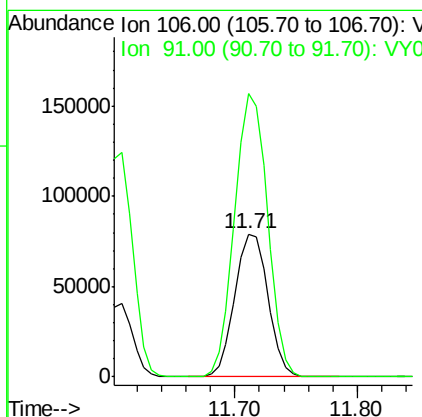
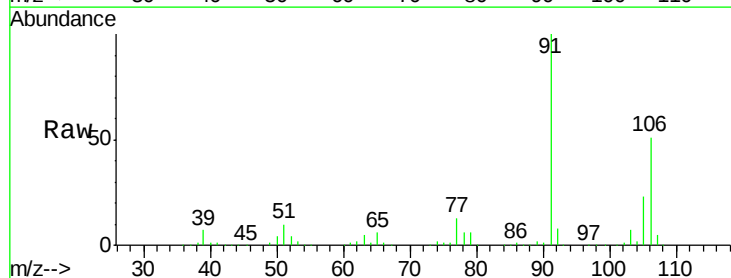
Manual Integrations
APPROVED

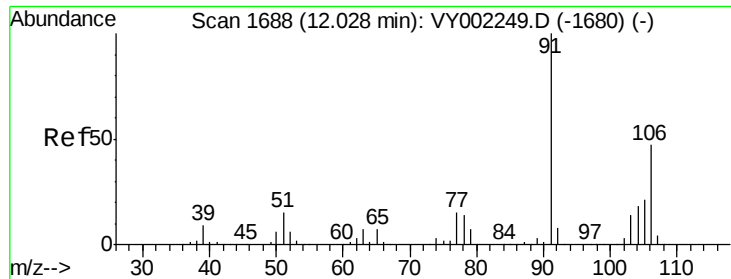
MMDadoda
4/16/2020 10:31:56 AM



#68
m/p-Xylenes
Concen: 43.610 ug/l
RT: 11.71 min Scan# 1636
Delta R.T. 0.01 min
Lab File: VY002327.D
Acq: 15 Apr 2020 11:38

Tgt Ion	106	Resp	149235
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
91	197.0	159.8	239.6





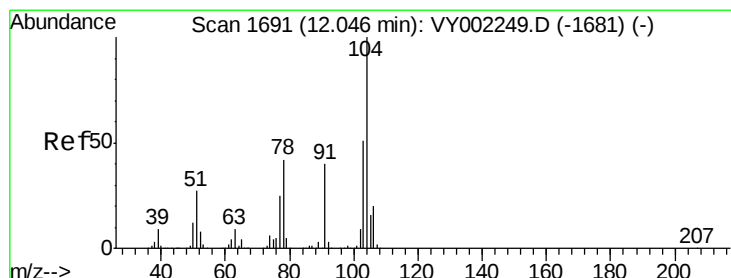
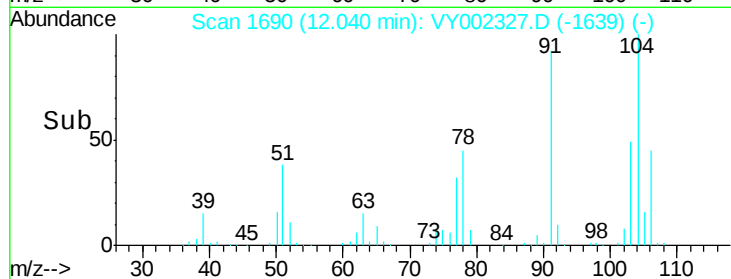
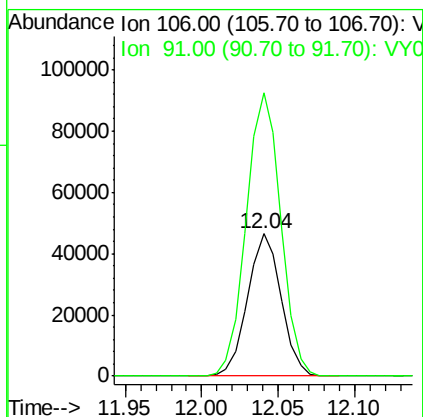
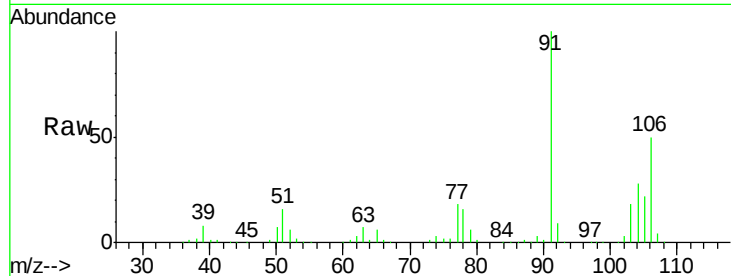
#69
o-Xylene
Concen: 22.099 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.01 min
Lab File: VY002327.D
Acq: 15 Apr 2020 11:38

Instrument :
MSVOA_Y
ClientSampleId :
VY0415SBS01

Tot Ion:106 Resp: 70997
Ion Ratio Lower Upper
106 100
91 204.3 105.8 317.3

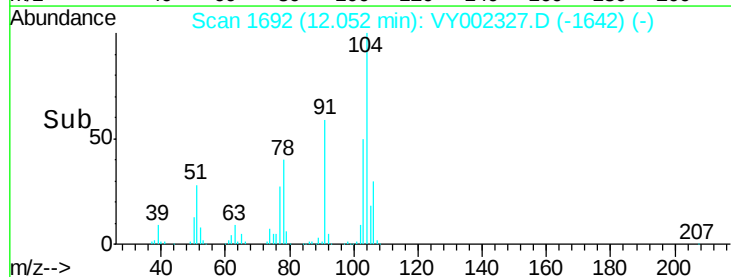
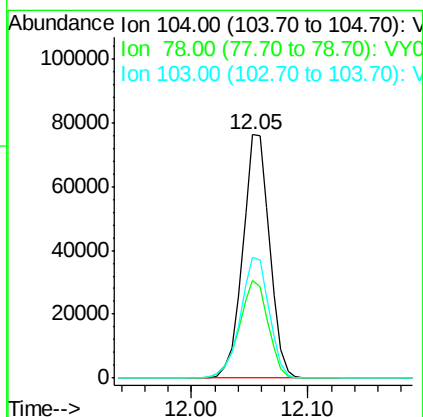
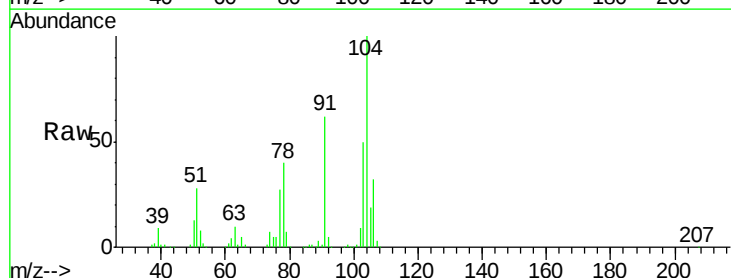
Manual Integrations
APPROVED

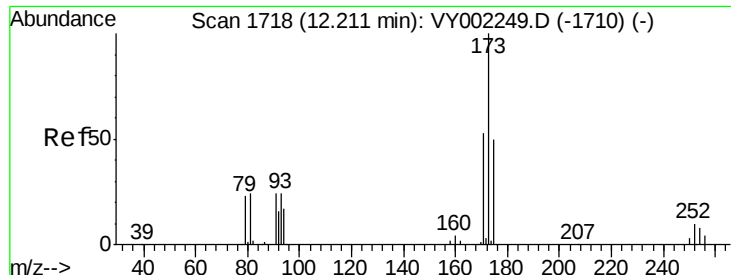
MMDadoda
4/16/2020 10:31:56 AM



#70
Styrene
Concen: 21.906 ug/l
RT: 12.05 min Scan# 1692
Delta R.T. 0.01 min
Lab File: VY002327.D
Acq: 15 Apr 2020 11:38

Tgt Ion:104 Resp: 122100
Ion Ratio Lower Upper
104 100
78 43.4 37.2 55.8
103 53.3 43.4 65.0





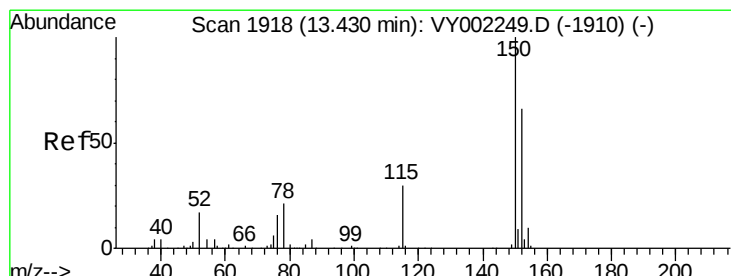
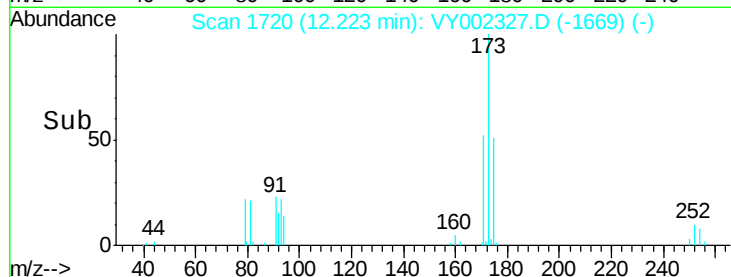
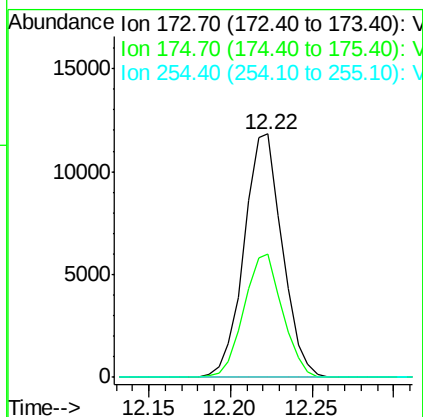
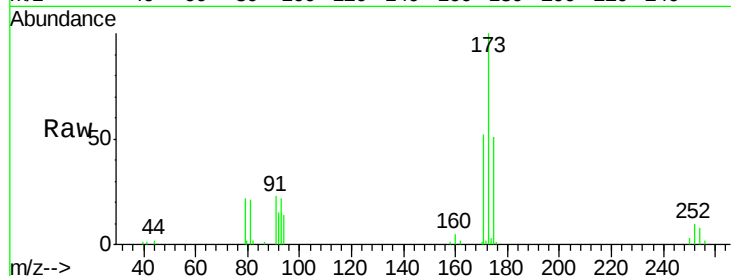
#71
Bromoform
Concen: 21.528 ug/l
RT: 12.22 min Scan# 1720
Delta R.T. 0.01 min
Lab File: VY002327.D
Acq: 15 Apr 2020 11:38

Instrument :
MSVOA_Y
ClientSampleId :
VY0415SBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	50.8	24.1	72.3
254	0.0	0.0	0.0

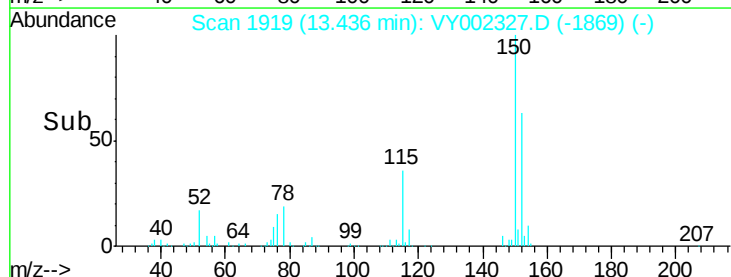
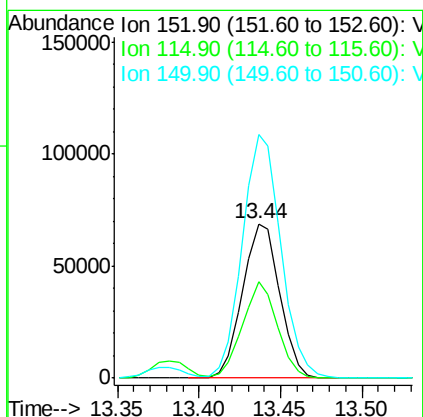
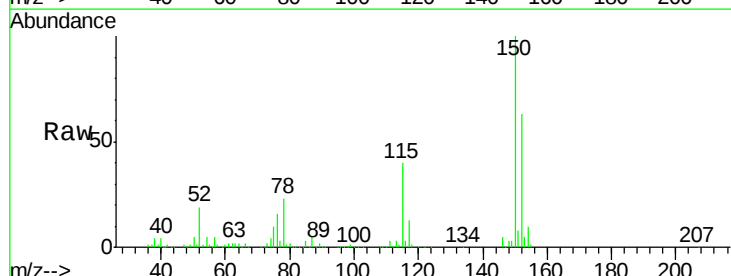
Manual Integrations
APPROVED

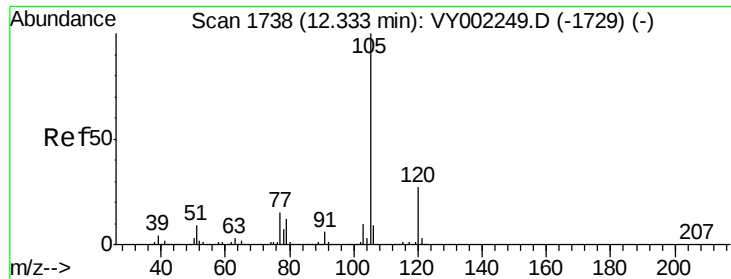
MMDadoda
4/16/2020 10:31:56 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.01 min
Lab File: VY002327.D
Acq: 15 Apr 2020 11:38

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.6	30.7	92.1
150	163.9	0.0	350.6





#73

Isopropylbenzene

Concen: 21.735 ug/l

RT: 12.34 min Scan# 1739

Delta R.T. 0.01 min

Lab File: VY002327.D

Acq: 15 Apr 2020 11:38

Instrument :

MSVOA_Y

ClientSampleId :

VY0415SBS01

Tot Ion:105 Resp: 186851

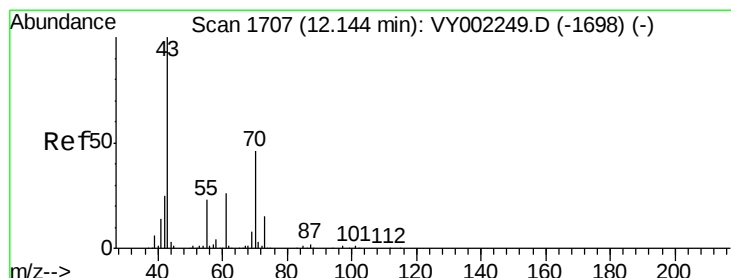
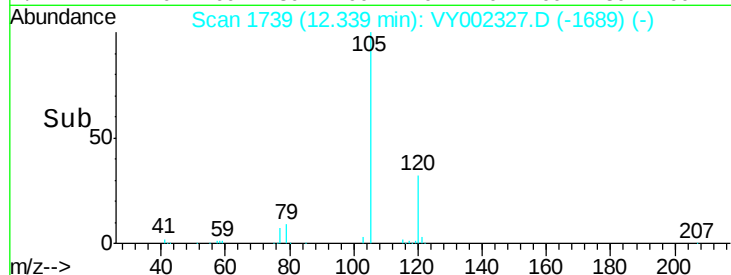
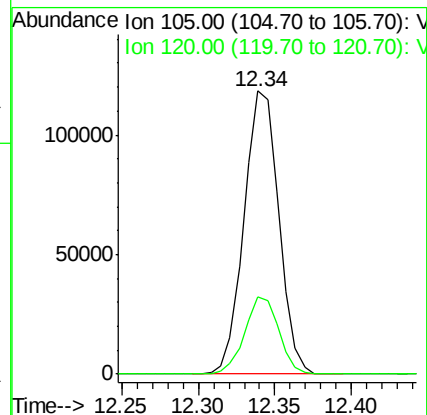
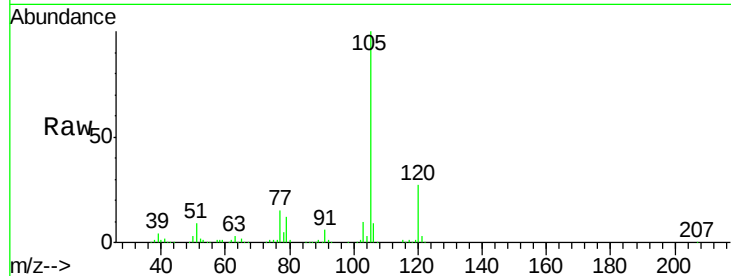
Ion Ratio Lower Upper

105 100

120 26.8 13.3 39.8

Manual Integrations
APPROVED

MMDadoda
4/16/2020 10:31:56 AM



#74

N-ethyl acetate

Concen: 18.451 ug/l

RT: 12.16 min Scan# 1709

Delta R.T. 0.01 min

Lab File: VY002327.D

Acq: 15 Apr 2020 11:38

Tgt Ion: 43 Resp: 45026

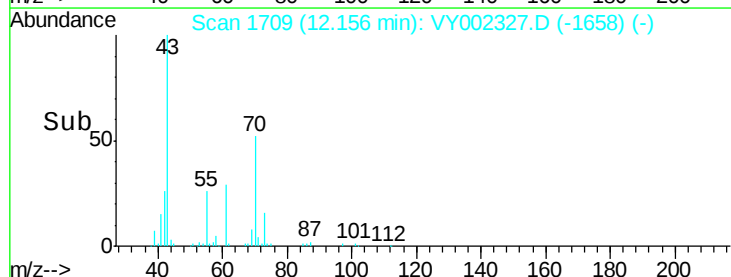
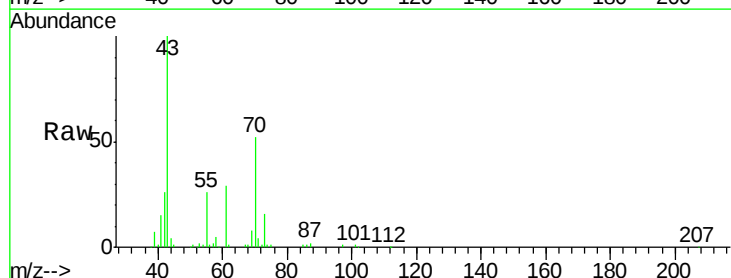
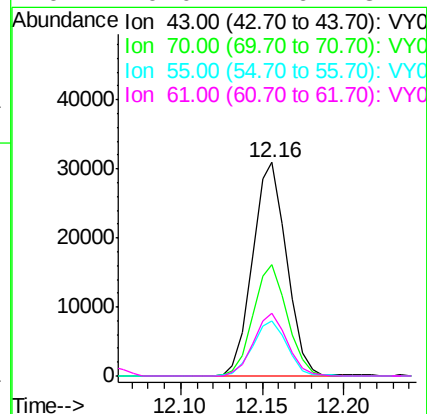
Ion Ratio Lower Upper

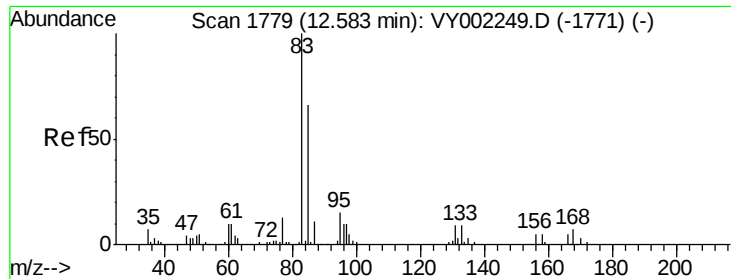
43 100

70 51.8 37.5 56.3

55 26.3 19.0 28.6

61 29.0 21.6 32.4





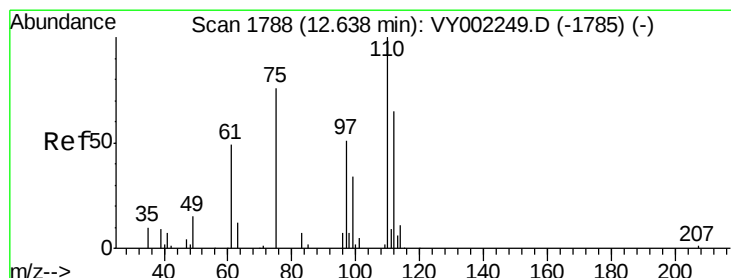
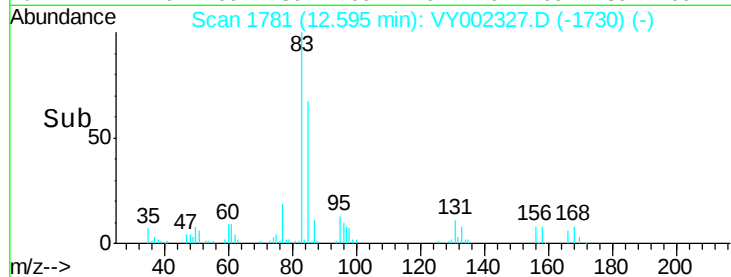
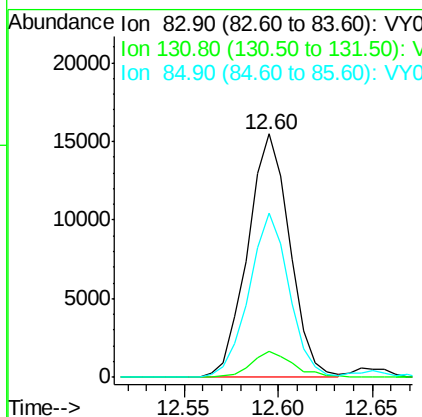
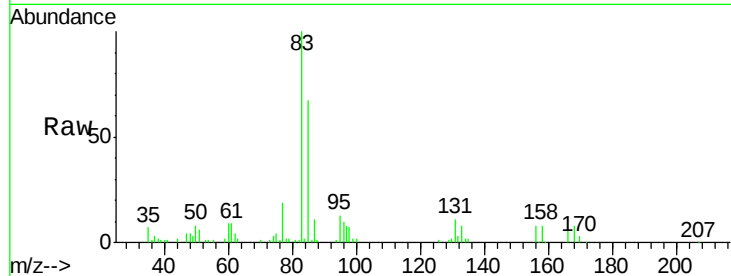
#75
 1,1,2,2-Tetrachloroethane
 Concen: 23.077 ug/l
 RT: 12.60 min Scan# 1781
 Delta R.T. 0.01 min
 Lab File: VY002327.D
 Acq: 15 Apr 2020 11:38

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0415SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
131	10.3	4.9	14.7
85	64.5	32.6	97.8

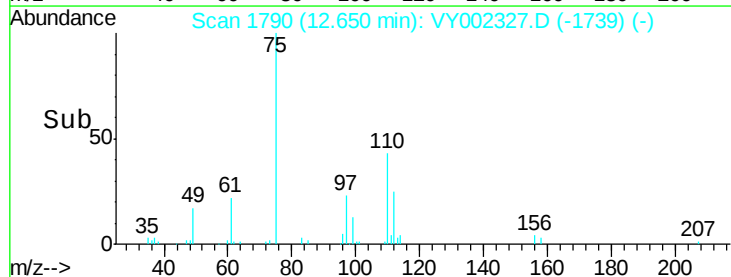
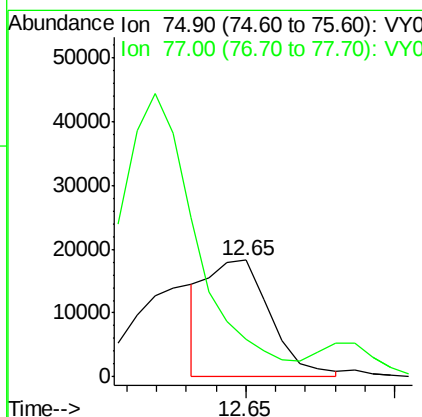
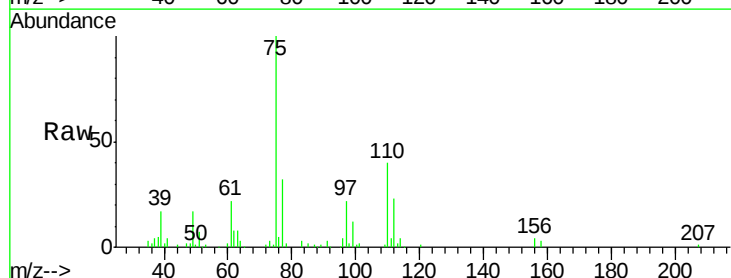
Manual Integrations
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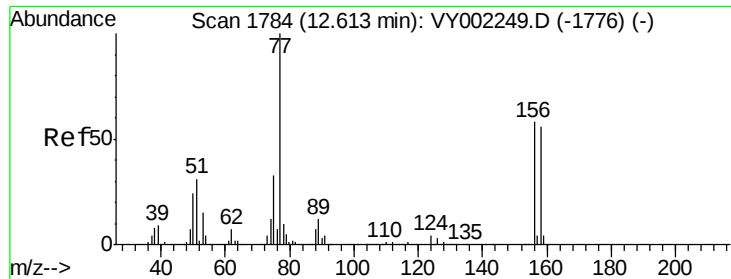
MMDadoda
 4/16/2020 10:31:56 AM



#76
 1,2,3-Trichloropropane
 Concen: 21.277 ug/l m
 RT: 12.65 min Scan# 1790
 Delta R.T. 0.01 min
 Lab File: VY002327.D
 Acq: 15 Apr 2020 11:38

Tgt Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





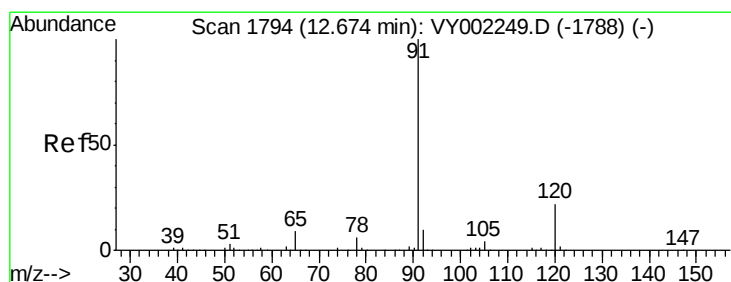
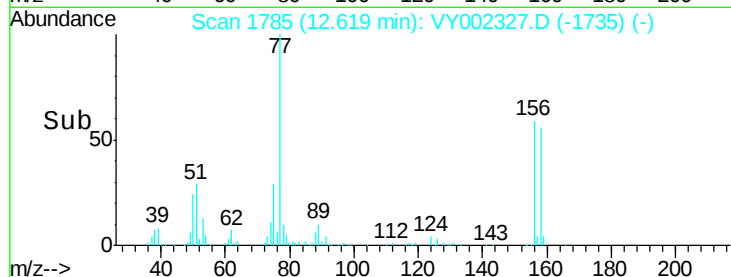
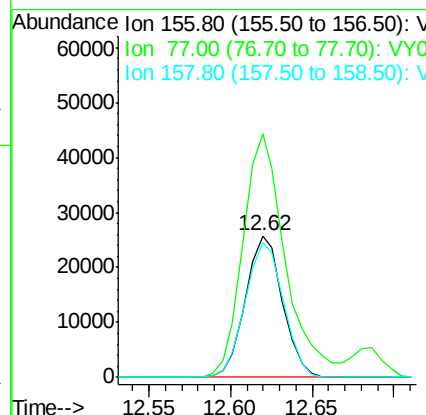
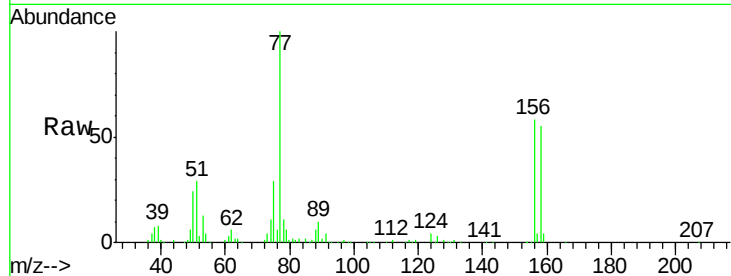
#77
Bromobenzene
Concen: 21.625 ug/l
RT: 12.62 min Scan# 1785
Delta R.T. 0.01 min
Lab File: VY002327.D
Acq: 15 Apr 2020 11:38

Instrument :
MSVOA_Y
ClientSampleId :
VY0415SBS01

Tot Ion	Ion	Ratio	Lower	Upper
156	100			
77	197.6	101.3	303.9	
158	97.9	48.3	144.8	

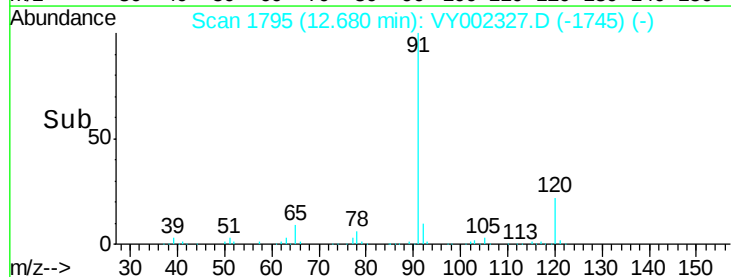
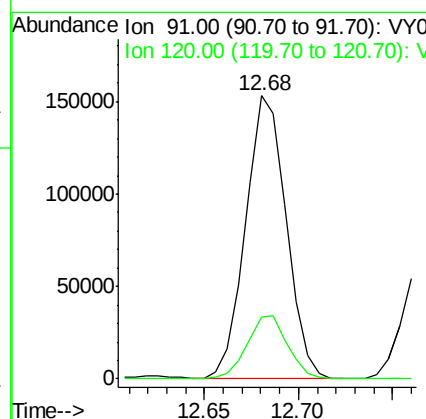
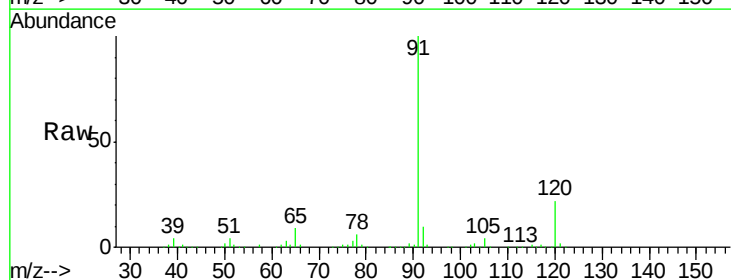
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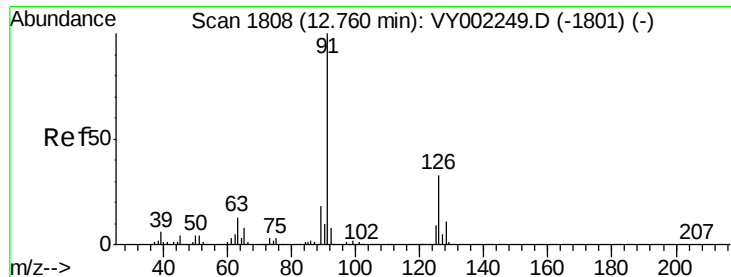
MMDadoda
4/16/2020 10:31:56 AM



#78
n-propylbenzene
Concen: 21.413 ug/l
RT: 12.68 min Scan# 1795
Delta R.T. 0.01 min
Lab File: VY002327.D
Acq: 15 Apr 2020 11:38

Tgt Ion	Ion	Ratio	Lower	Upper
91	100			
120	22.3	11.2	33.5	





#79

2-Chlorotoluene

Concen: 21.319 ug/l

RT: 12.77 min Scan# 1809

Delta R.T. 0.01 min

Lab File: VY002327.D

Acq: 15 Apr 2020 11:38

Instrument :

MSVOA_Y

ClientSampleId :

VY0415SBS01

Tot Ion: 91 Resp: 123872

Ion Ratio Lower Upper

91 100

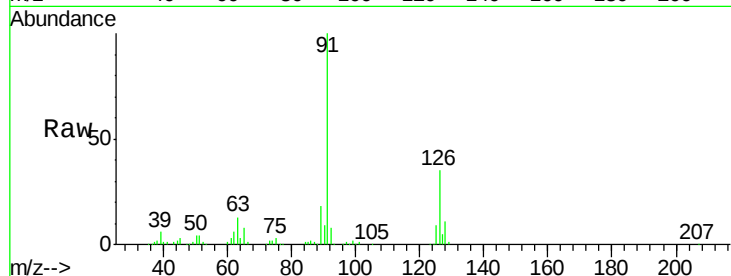
126 34.3 16.9 50.7

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VY002249.D (-1801) (-)

Ion 125.90 (125.60 to 126.60): VY002249.D (-1801) (-)

150000

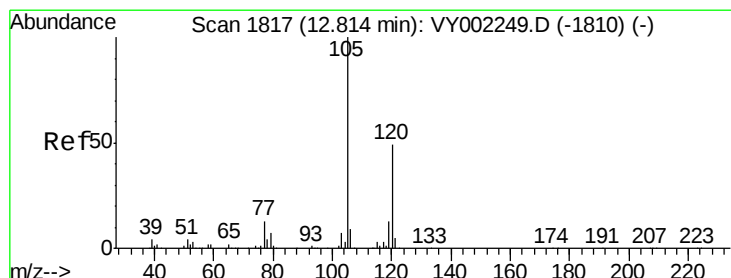
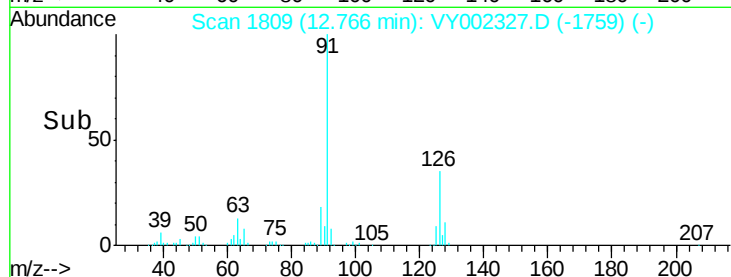
100000

50000

0

12.70 12.75 12.80

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 21.595 ug/l

RT: 12.83 min Scan# 1819

Delta R.T. 0.01 min

Lab File: VY002327.D

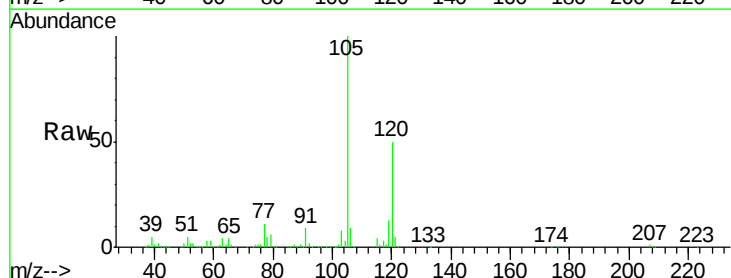
Acq: 15 Apr 2020 11:38

Tgt Ion: 105 Resp: 153532

Ion Ratio Lower Upper

105 100

120 50.4 24.7 74.1



Abundance Ion 105.00 (104.70 to 105.70): VY002249.D (-1810) (-)

Ion 120.00 (119.70 to 120.70): VY002249.D (-1810) (-)

120000

100000

80000

60000

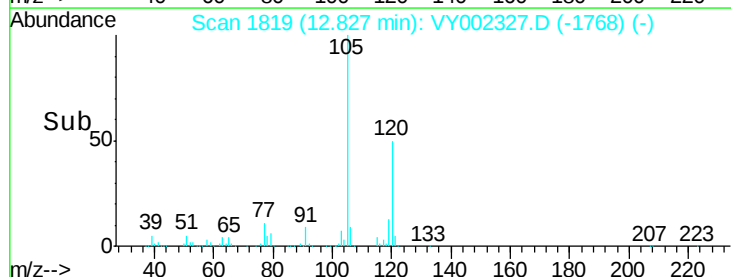
40000

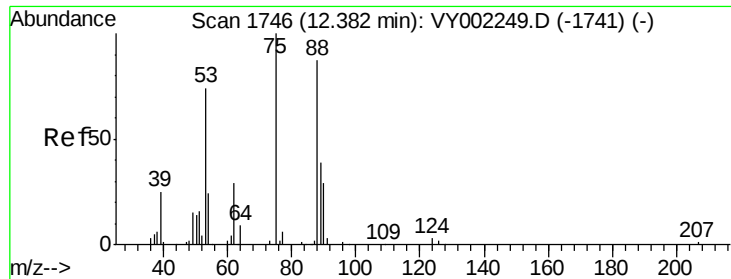
20000

0

12.75 12.80 12.85 12.90

Time-->





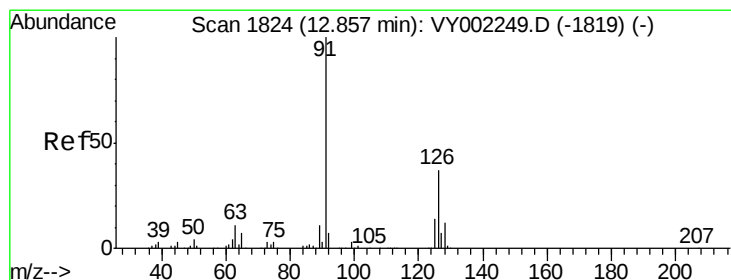
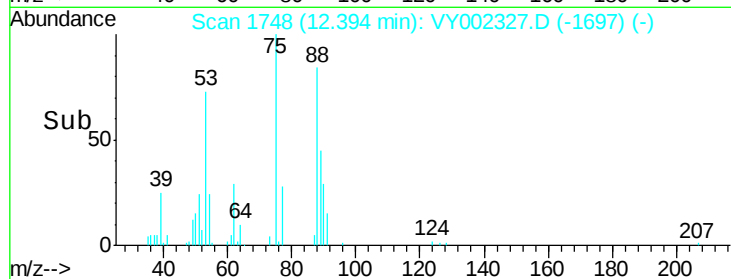
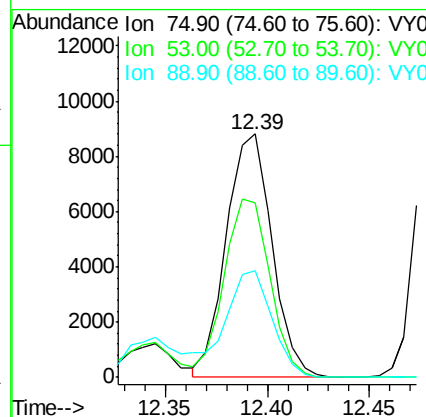
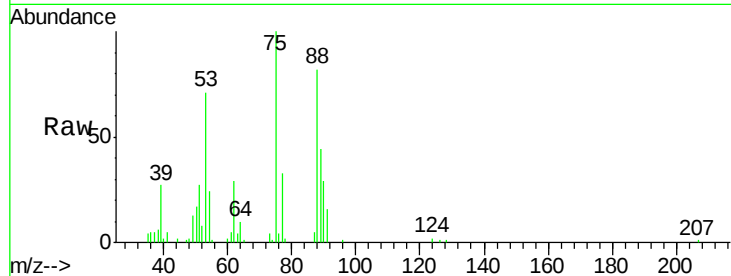
#81
trans-1,4-Dichloro-2-butene
Concen: 20.978 ug/l
RT: 12.39 min Scan# 1748
Delta R.T. 0.01 min
Lab File: VY002327.D
Acq: 15 Apr 2020 11:38

Instrument :
MSVOA_Y
ClientSampleId :
VY0415SBS01

Tot Ion	Ratio	Resp	Lower	Upper
75	100	13705		
53	73.3	59.8	89.8	
89	44.9	37.0	55.6	

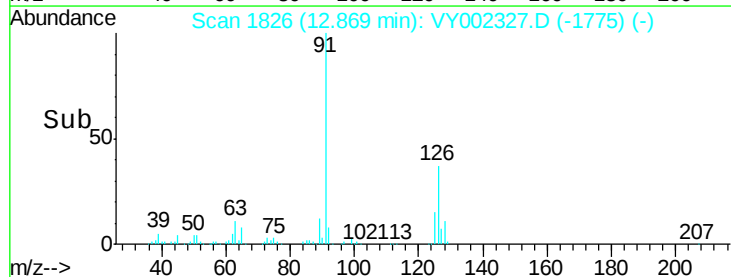
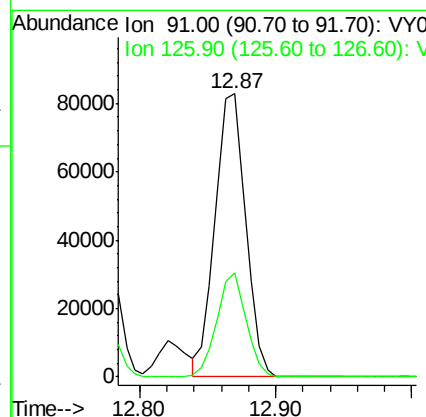
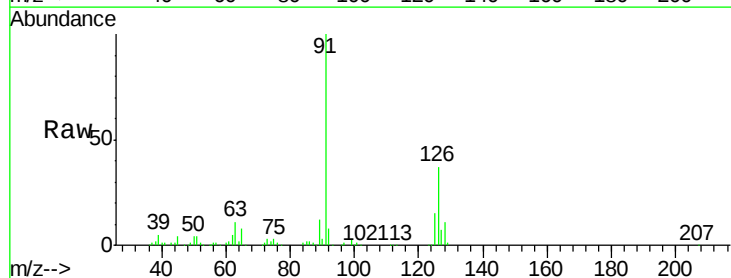
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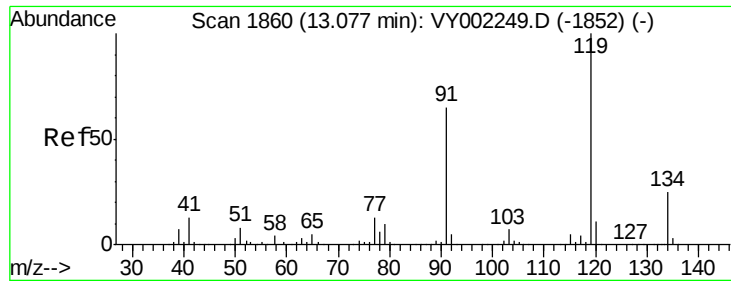
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#82
4-Chlorotoluene
Concen: 21.201 ug/l
RT: 12.87 min Scan# 1826
Delta R.T. 0.01 min
Lab File: VY002327.D
Acq: 15 Apr 2020 11:38

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	129112		
126	35.2	16.9	50.7	





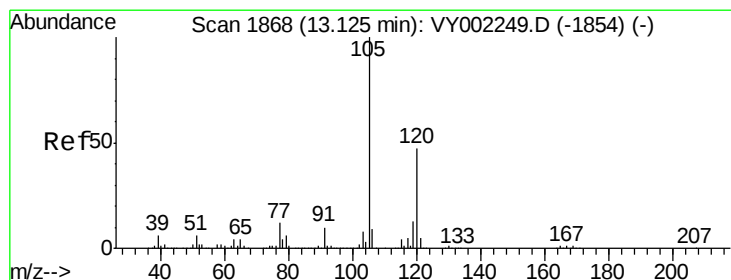
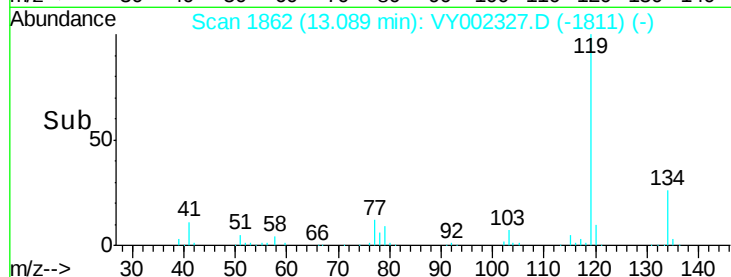
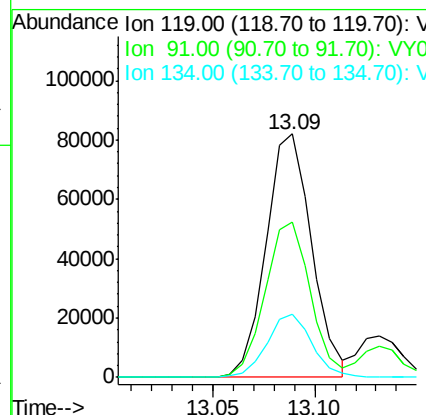
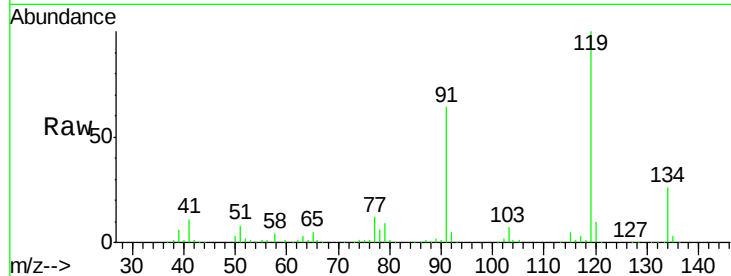
#83
tert-Butylbenzene
Concen: 21.524 ug/l
RT: 13.09 min Scan# 1862
Delta R.T. 0.01 min
Lab File: VY002327.D
Acq: 15 Apr 2020 11:38

Instrument :
MSVOA_Y
ClientSampleId :
VY0415SBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	63.2	32.4	97.0
134	25.7	12.6	37.6

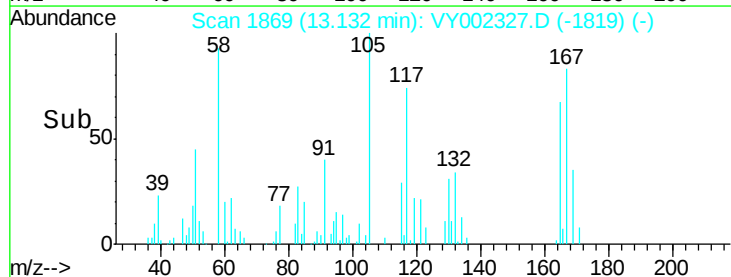
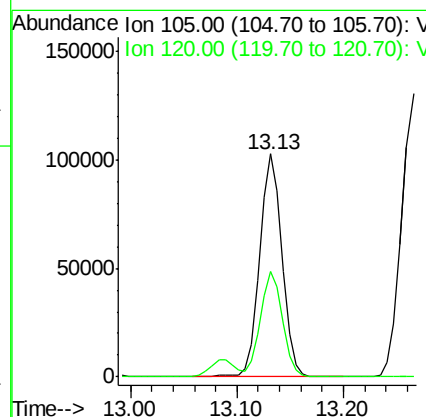
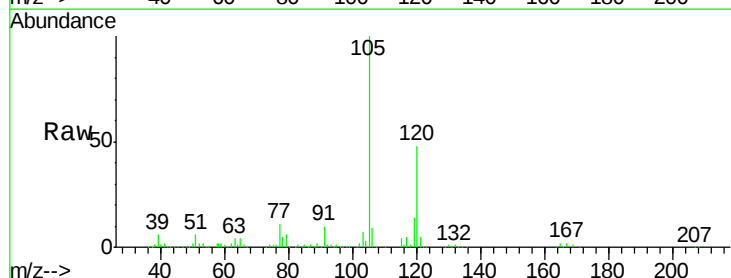
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#84
1,2,4-Trimethylbenzene
Concen: 21.315 ug/l
RT: 13.13 min Scan# 1869
Delta R.T. 0.01 min
Lab File: VY002327.D
Acq: 15 Apr 2020 11:38

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.5	23.1	69.2





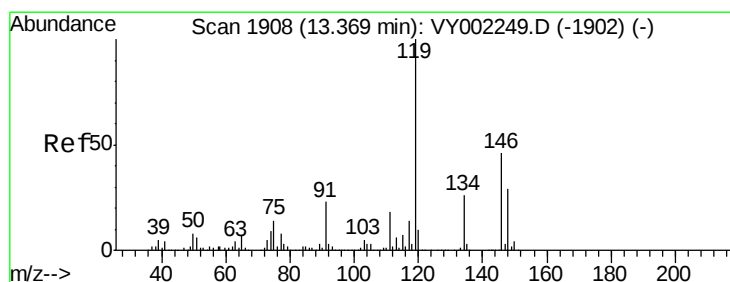
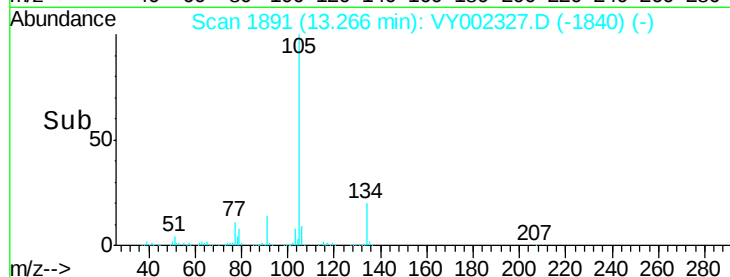
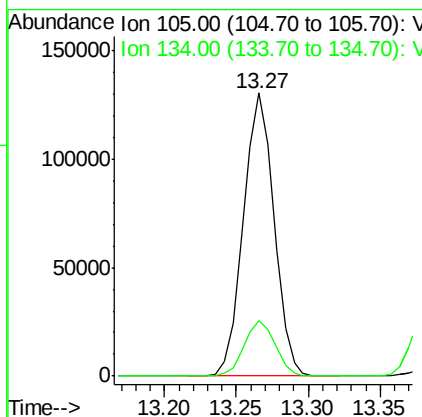
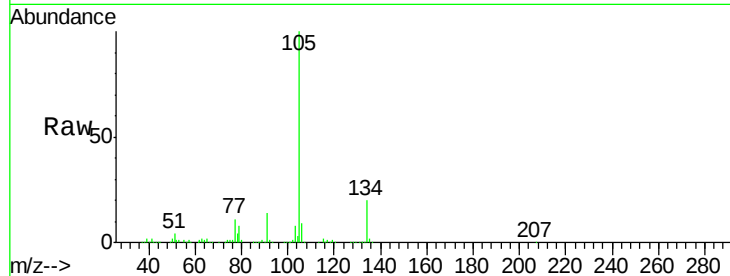
#85
 sec-Butylbenzene
 Concen: 21.580 ug/l
 RT: 13.27 min Scan# 1891
 Delta R.T. 0.01 min
 Lab File: VY002327.D
 Acq: 15 Apr 2020 11:38

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0415SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.8	9.8	29.3

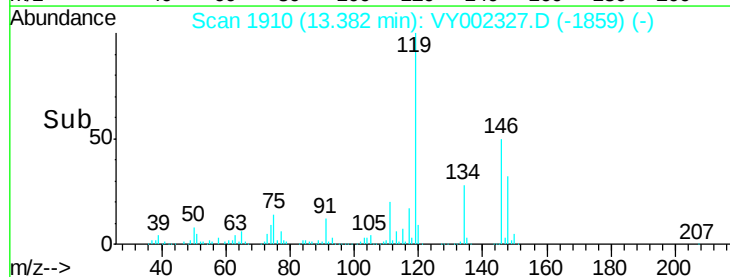
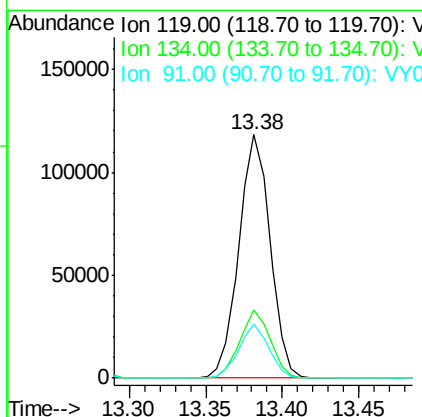
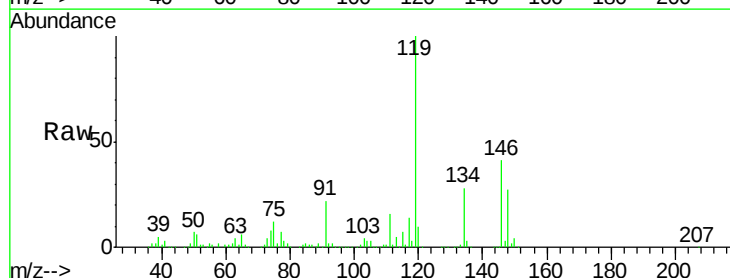
Manual Integrations
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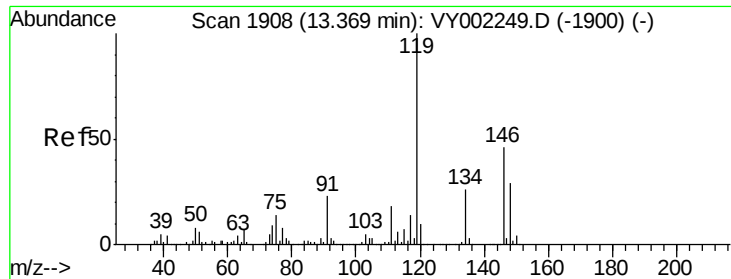
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#86
 p-Isopropyltoluene
 Concen: 22.006 ug/l
 RT: 13.38 min Scan# 1910
 Delta R.T. 0.01 min
 Lab File: VY002327.D
 Acq: 15 Apr 2020 11:38

Tgt Ion	Ratio	Lower	Upper
119	100		
134	27.3	13.3	39.9
91	21.5	11.5	34.4





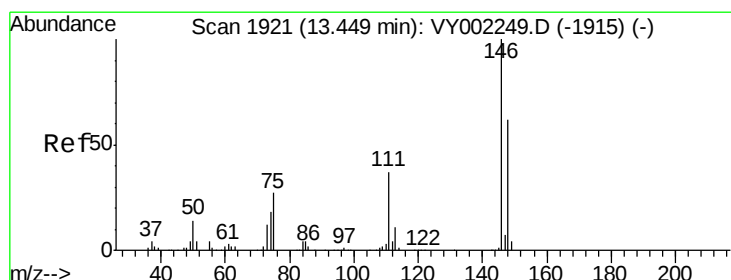
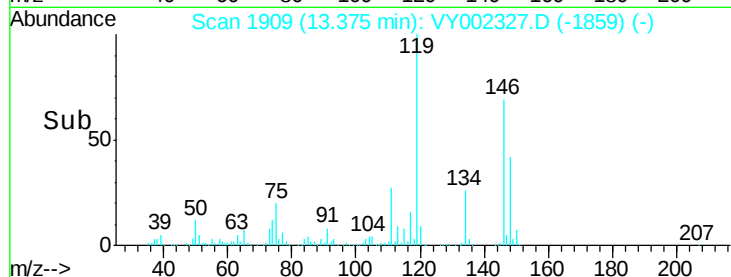
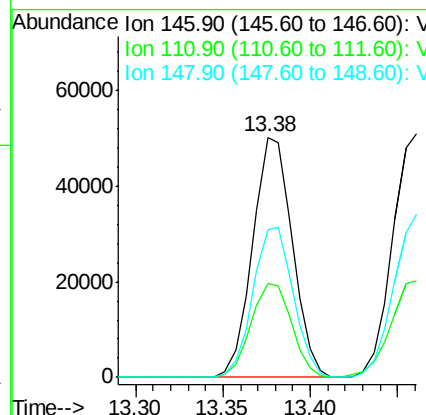
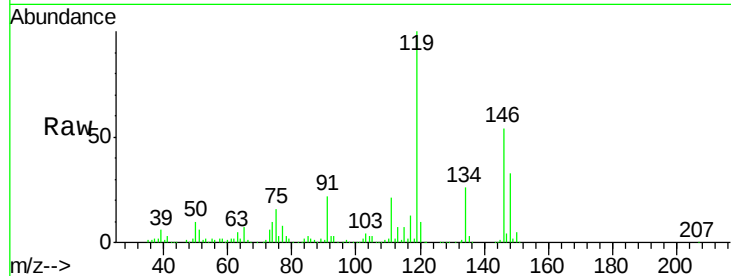
#87
 1,3-Dichlorobenzene
 Concen: 21.695 ug/l
 RT: 13.38 min Scan# 1909
 Delta R.T. 0.01 min
 Lab File: VY002327.D
 Acq: 15 Apr 2020 11:38

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0415SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.1	20.3	60.8
148	63.3	32.1	96.3

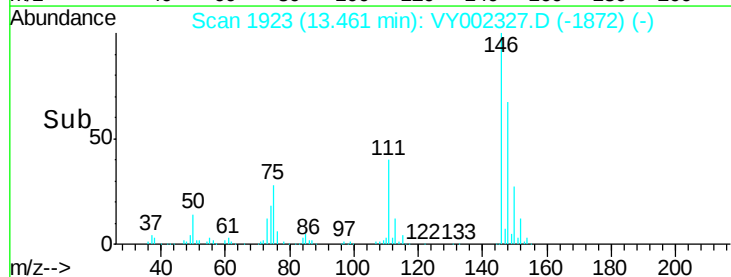
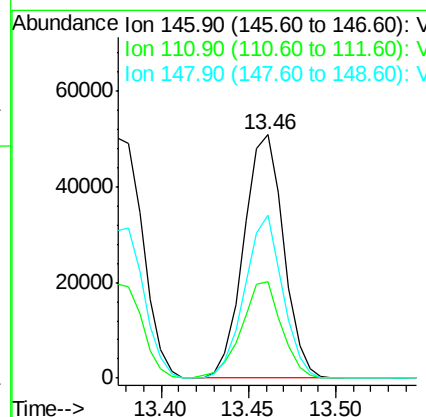
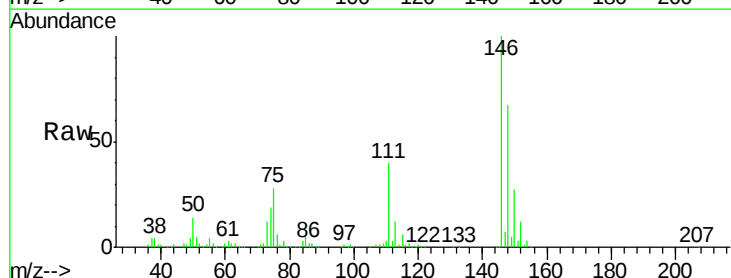
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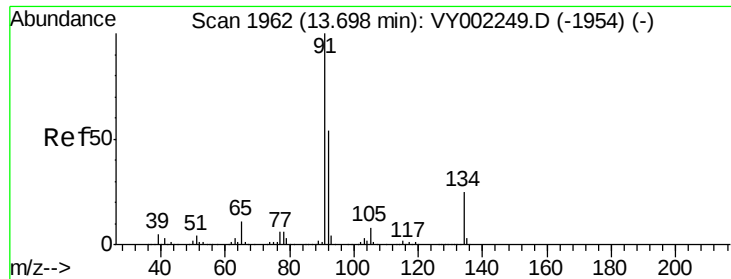
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#88
 1,4-Dichlorobenzene
 Concen: 21.687 ug/l
 RT: 13.46 min Scan# 1923
 Delta R.T. 0.01 min
 Lab File: VY002327.D
 Acq: 15 Apr 2020 11:38

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.0	19.6	58.8
148	63.6	32.0	96.0





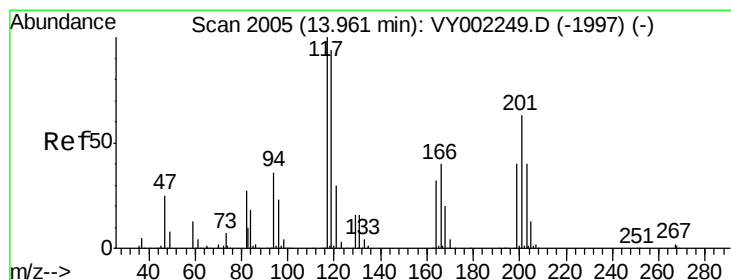
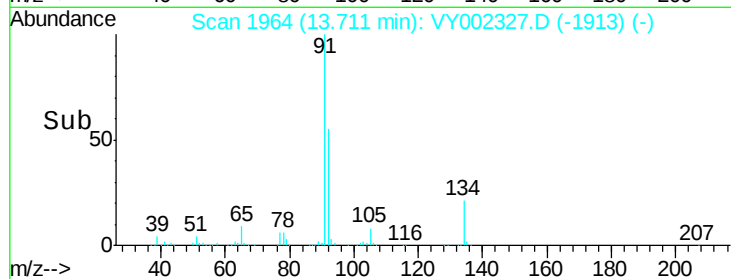
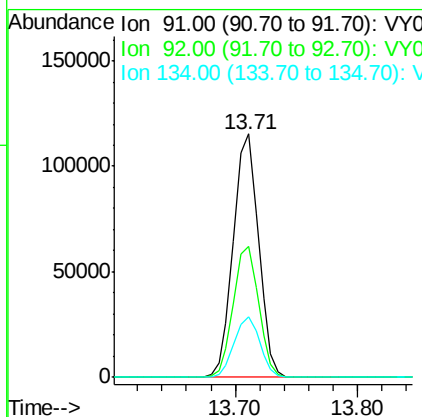
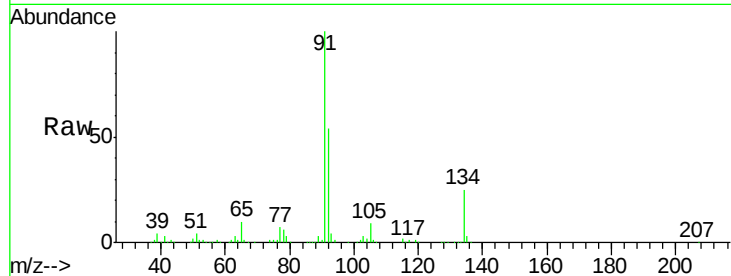
#89
n-Butylbenzene
Concen: 21.018 ug/l
RT: 13.71 min Scan# 1964
Delta R.T. 0.01 min
Lab File: VY002327.D
Acq: 15 Apr 2020 11:38

Instrument :
MSVOA_Y
ClientSampleId :
VY0415SBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	164495		
92	54.1	27.2	81.6	
134	25.4	12.7	38.0	

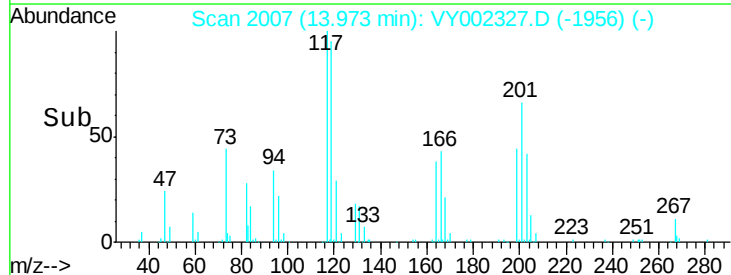
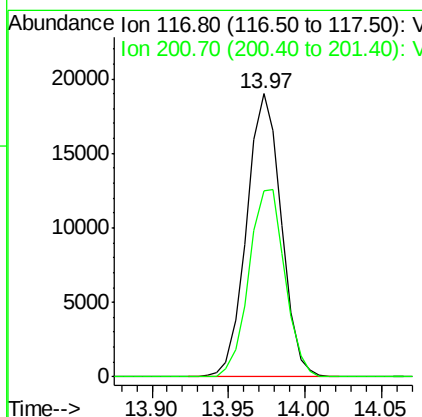
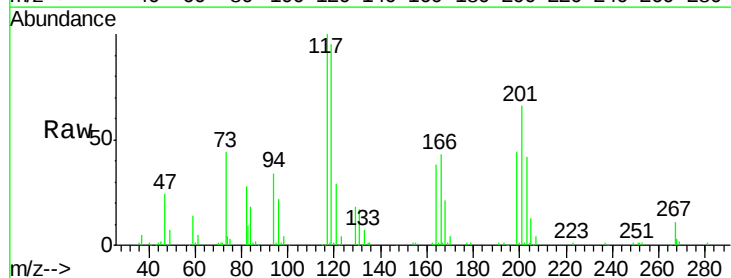
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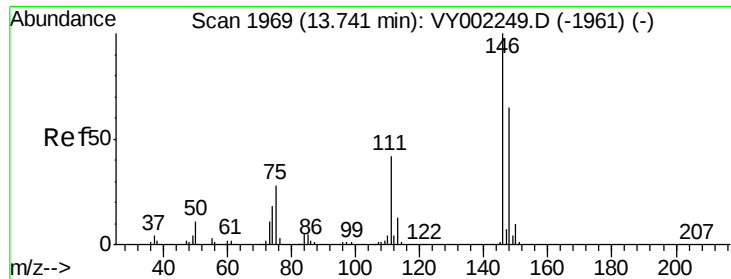
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#90
Hexachloroethane
Concen: 20.526 ug/l
RT: 13.97 min Scan# 2007
Delta R.T. 0.01 min
Lab File: VY002327.D
Acq: 15 Apr 2020 11:38

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	29865		
201	68.8	33.1	99.2	





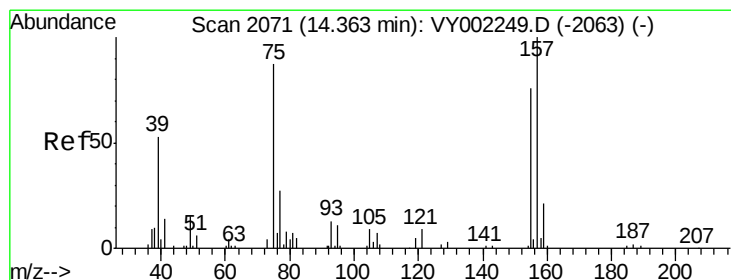
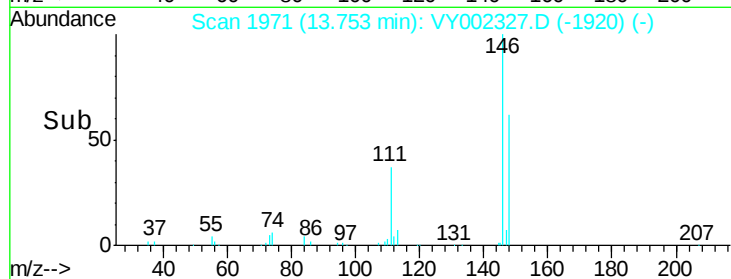
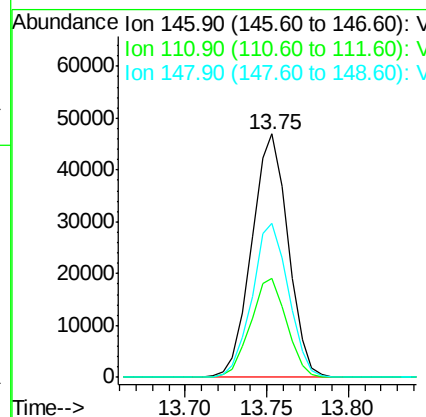
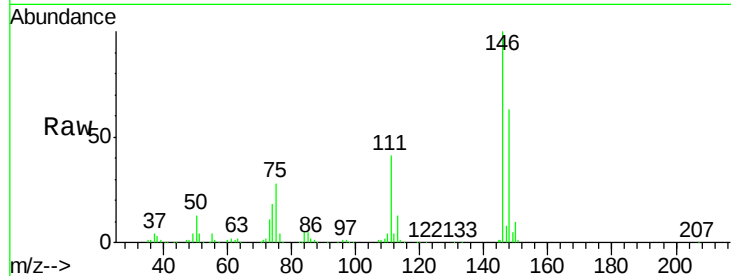
#91
 1,2-Dichlorobenzene
 Concen: 21.920 ug/l
 RT: 13.75 min Scan# 1971
 Delta R.T. 0.01 min
 Lab File: VY002327.D
 Acq: 15 Apr 2020 11:38

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0415SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.4	21.1	63.1
148	63.3	31.9	95.9

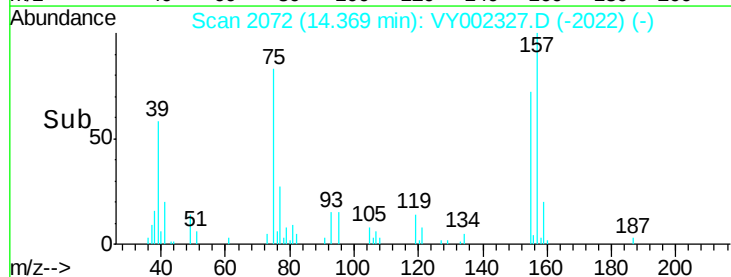
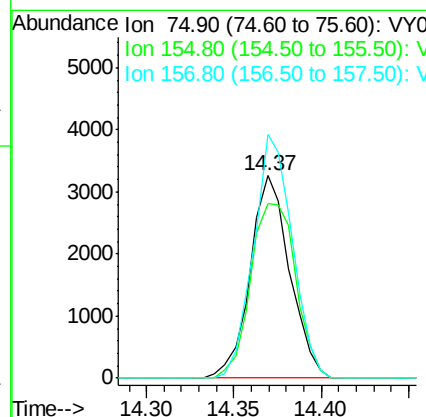
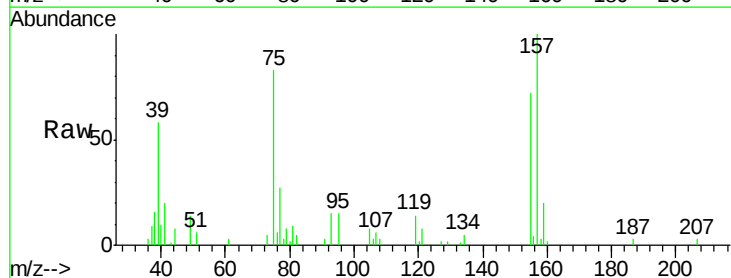
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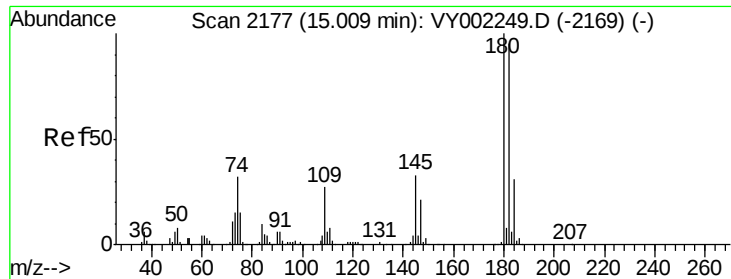
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.358 ug/l
 RT: 14.37 min Scan# 2072
 Delta R.T. 0.01 min
 Lab File: VY002327.D
 Acq: 15 Apr 2020 11:38

Tgt Ion	Ratio	Lower	Upper
75	100		
155	98.1	43.6	130.8
157	117.4	56.0	168.2





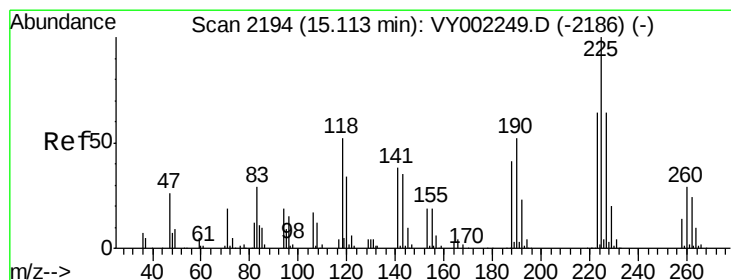
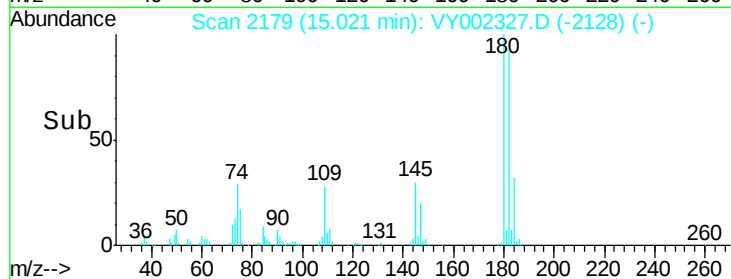
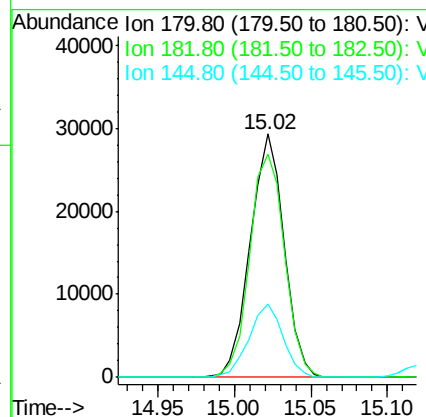
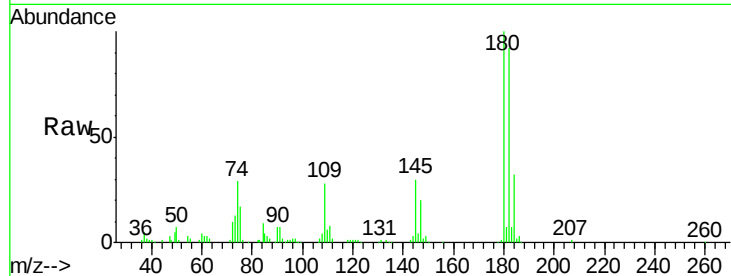
#93
 1,2,4-Trichlorobenzene
 Concen: 20.689 ug/l
 RT: 15.02 min Scan# 2179
 Delta R.T. 0.01 min
 Lab File: VY002327.D
 Acq: 15 Apr 2020 11:38

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0415SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	45041		
182	94.7	47.9	143.7	
145	30.3	16.0	48.0	

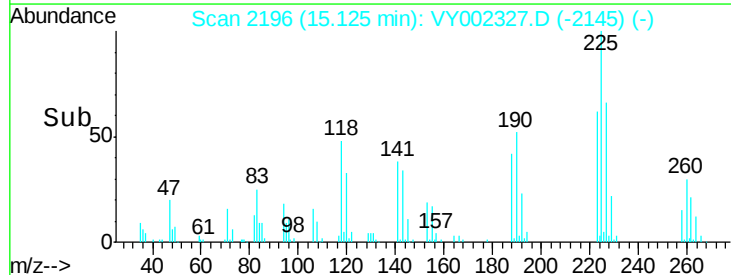
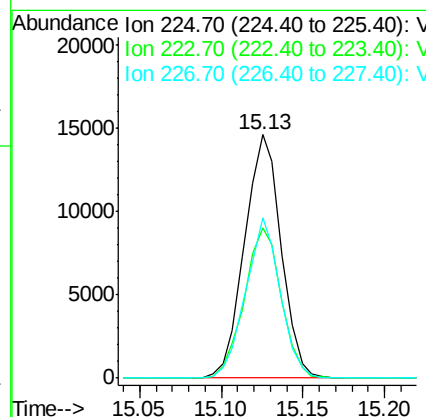
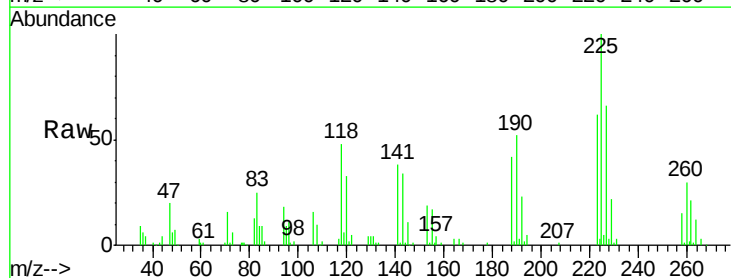
Manual Integrations
 APPROVED

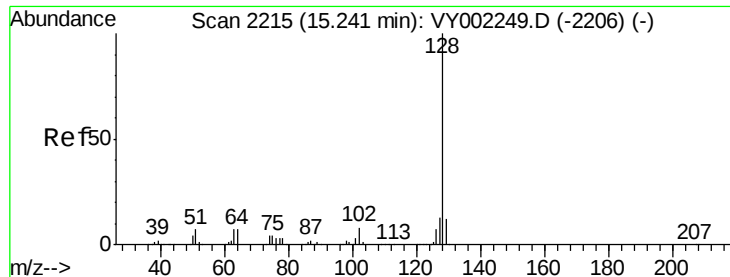
MMDadoda
 4/16/2020 10:31:56 AM



#94
 Hexachlorobutadiene
 Concen: 20.813 ug/l
 RT: 15.13 min Scan# 2196
 Delta R.T. 0.01 min
 Lab File: VY002327.D
 Acq: 15 Apr 2020 11:38

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	22821		
223	62.4	31.0	93.0	
227	62.0	31.3	93.9	





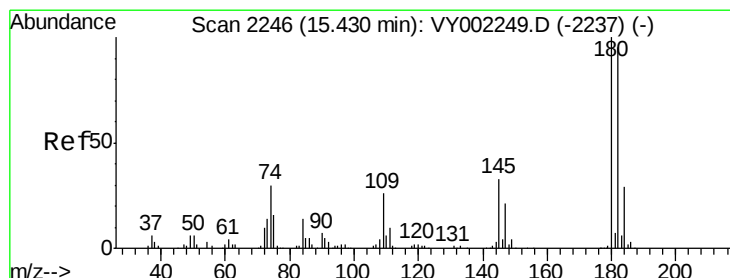
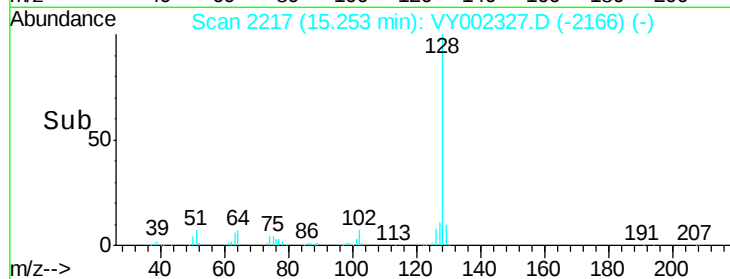
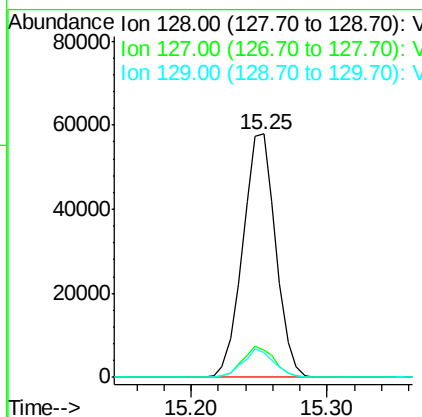
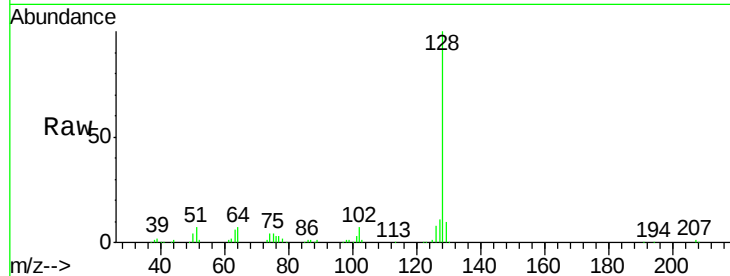
#95
Naphthalene
Concen: 20.534 ug/l
RT: 15.25 min Scan# 2217
Delta R.T. 0.01 min
Lab File: VY002327.D
Acq: 15 Apr 2020 11:38

Instrument :
MSVOA_Y
ClientSampleId :
VY0415SBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.3	10.1	15.1
129	10.8	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
4/16/2020 10:31:56 AM



#96
1,2,3-Trichlorobenzene
Concen: 20.352 ug/l
RT: 15.44 min Scan# 2247
Delta R.T. 0.01 min
Lab File: VY002327.D
Acq: 15 Apr 2020 11:38

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.8	47.1	141.3
145	32.4	16.7	50.1

