

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY062920\
 Data File : VY003007.D
 Acq On : 29 Jun 2020 15:32
 Operator : SY/MD
 Sample : VY0629SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0629SBS01

Manual Integrations
 APPROVED

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 6/30/2020 12:54:14 PM

Quant Time: Jun 30 06:19:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 30 04:11:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	493428	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	727423	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	658447	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	354007	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.14	65	252000	51.42	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	102.84%	
35) Dibromofluoromethane	7.72	113	232534	51.24	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	102.48%	
50) Toluene-d8	10.18	98	869314	51.42	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	102.84%	
62) 4-Bromofluorobenzene	12.48	95	308588	51.86	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	103.72%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	74512	19.940	ug/l	100
3) Chloromethane	2.12	50	101430	18.536	ug/l	100
4) Vinyl Chloride	2.26	62	109787	20.568	ug/l	97
5) Bromomethane	2.65	94	81321	22.438	ug/l	100
6) Chloroethane	2.79	64	72033	21.213	ug/l	93
7) Trichlorofluoromethane	3.13	101	160429	21.294	ug/l	99
8) Diethyl Ether	3.54	74	54615	21.146	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.90	101	99600	22.141	ug/l	99
10) Methyl Iodide	4.10	142	114583	20.542	ug/l	100
11) Tert butyl alcohol	4.96	59	56716	113.559	ug/l	99
12) 1,1-Dichloroethene	3.88	96	92474	21.605	ug/l	98
13) Acrolein	3.74	56	47935	106.862	ug/l	99
14) Allyl chloride	4.48	41	159023	21.280	ug/l	99
15) Acrylonitrile	5.18	53	144252	108.370	ug/l	100
16) Acetone	3.96	43	114751	99.280	ug/l	99
17) Carbon Disulfide	4.20	76	295370	21.599	ug/l	99
18) Methyl Acetate	4.49	43	65705	21.100	ug/l	99
19) Methyl tert-butyl Ether	5.22	73	277122	22.212	ug/l	98
20) Methylene Chloride	4.72	84	130032	21.195	ug/l	96
21) trans-1,2-Dichloroethene	5.22	96	107060	22.113	ug/l	95
22) Diisopropyl ether	6.13	45	341789	21.339	ug/l	98
23) Vinyl Acetate	6.07	43	1159549	108.285	ug/l	100
24) 1,1-Dichloroethane	6.02	63	185025	21.147	ug/l	99
25) 2-Butanone	6.99	43	197313	107.467	ug/l	99
26) 2,2-Dichloropropane	6.99	77	175909	22.129	ug/l	97
27) cis-1,2-Dichloroethene	6.99	96	117059	21.557	ug/l	99
28) Bromochloromethane	7.33	49	77334	19.865	ug/l	98
29) Tetrahydrofuran	7.35	42	133060	108.979	ug/l	98
30) Chloroform	7.51	83	188706	21.771	ug/l	99
31) Cyclohexane	7.78	56	180162	20.902	ug/l	97
32) 1,1,1-Trichloroethane	7.71	97	170647	21.568	ug/l	99
36) 1,1-Dichloropropene	7.92	75	151573	21.632	ug/l	99
37) Ethyl Acetate	7.08	43	93380	22.165	ug/l	99
38) Carbon Tetrachloride	7.91	117	154756	21.228	ug/l	96

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	187636	21.598	ug/l	99
40) Benzene	8.16	78	412085	21.482	ug/l	100
41) Methacrylonitrile	7.33	41	58486m	25.989	ug/l	
42) 1,2-Dichloroethane	8.24	62	131802	21.719	ug/l	100
43) Isopropyl Acetate	8.28	43	170268	21.260	ug/l	97
44) Trichloroethene	8.94	130	121578	21.805	ug/l	97
45) 1,2-Dichloropropane	9.22	63	110494	21.410	ug/l	99
46) Dibromomethane	9.31	93	62932	21.833	ug/l	97
47) Bromodichloromethane	9.50	83	151516	21.467	ug/l	97
48) Methyl methacrylate	9.30	41	77910	21.372	ug/l	97
49) 1,4-Dioxane	9.31	88	15255	433.554	ug/l	96
51) 4-Methyl-2-Pentanone	10.07	43	456737	110.337	ug/l	100
52) Toluene	10.24	92	260407	21.565	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	158563	21.428	ug/l	95
54) cis-1,3-Dichloropropene	9.93	75	179261	21.182	ug/l	96
55) 1,1,2-Trichloroethane	10.64	97	87501	21.846	ug/l	98
56) Ethyl methacrylate	10.51	69	128214	22.113	ug/l	98
57) 1,3-Dichloropropane	10.79	76	153924	21.890	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	287378	96.641	ug/l	99
59) 2-Hexanone	10.83	43	315802	109.148	ug/l	99
60) Dibromochloromethane	10.99	129	110455	21.549	ug/l	100
61) 1,2-Dibromoethane	11.09	107	84414	21.377	ug/l	100
64) Tetrachloroethene	10.72	164	125462	22.514	ug/l	98
65) Chlorobenzene	11.52	112	284019	21.876	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	109369	21.576	ug/l	99
67) Ethyl Benzene	11.59	91	514624	21.666	ug/l	99
68) m/p-Xylenes	11.70	106	382164	43.231	ug/l	99
69) o-Xylene	12.03	106	181805	21.825	ug/l	99
70) Styrene	12.05	104	309246	21.730	ug/l	98
71) Bromoform	12.21	173	74853	22.146	ug/l #	99
73) Isopropylbenzene	12.33	105	497923	21.492	ug/l	100
74) N-amyl acetate	12.14	43	163342	21.657	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	99466	21.274	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	80366m	22.938	ug/l	
77) Bromobenzene	12.61	156	126288	21.259	ug/l	99
78) n-propylbenzene	12.67	91	600727	21.560	ug/l	100
79) 2-Chlorotoluene	12.75	91	333139	21.420	ug/l	98
80) 1,3,5-Trimethylbenzene	12.81	105	416689	21.433	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	39167	21.750	ug/l	97
82) 4-Chlorotoluene	12.86	91	351871	21.730	ug/l	99
83) tert-Butylbenzene	13.08	119	363955	21.320	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	428851	21.891	ug/l	99
85) sec-Butylbenzene	13.25	105	510216	21.684	ug/l	100
86) p-Isopropyltoluene	13.37	119	466881	21.413	ug/l	99
87) 1,3-Dichlorobenzene	13.37	146	236347	21.311	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	235287	21.515	ug/l	99
89) n-Butylbenzene	13.70	91	452690	21.700	ug/l	99
90) Hexachloroethane	13.96	117	93543	21.606	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	213091	21.415	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.36	75	19093	23.069	ug/l	100

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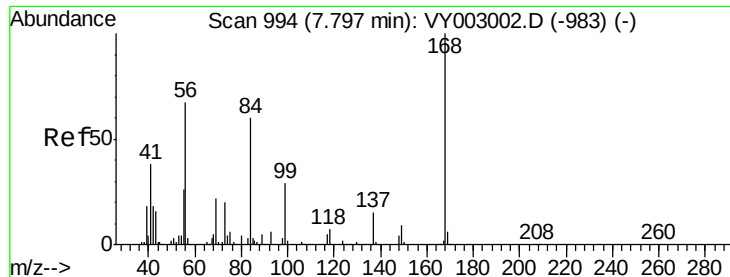
Manual Integrations
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	160528	21.711	ug/l	99
94) Hexachlorobutadiene	15.11	225	103703	22.236	ug/l	98
95) Naphthalene	15.24	128	299057	22.144	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	140602	21.900	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

Lab File: VY003007.D

Acq: 29 Jun 2020 15:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0629SBS01

Tot Ion:168 Resp: 493428

Ion Ratio Lower Upper

168 100

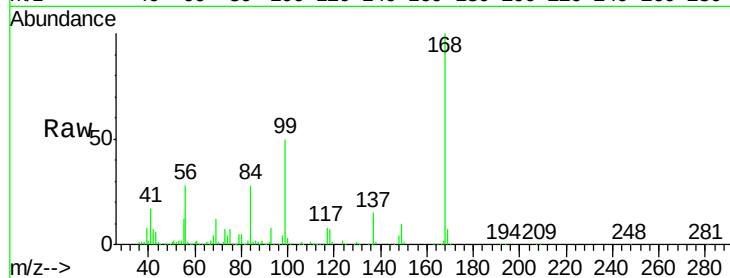
99 50.0 39.2 58.8

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

7.80

250000

200000

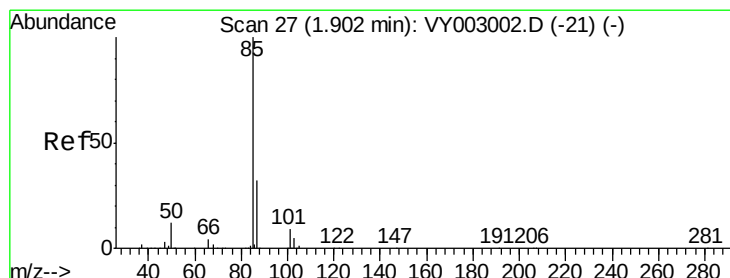
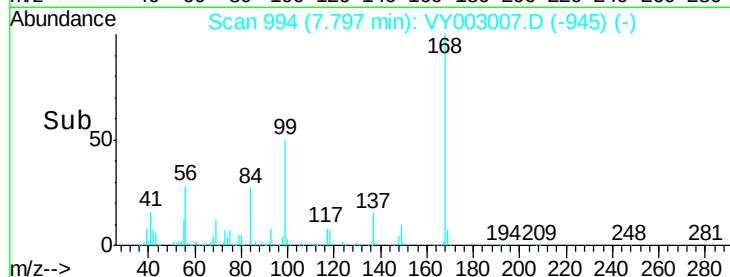
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 19.940 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.01 min

Lab File: VY003007.D

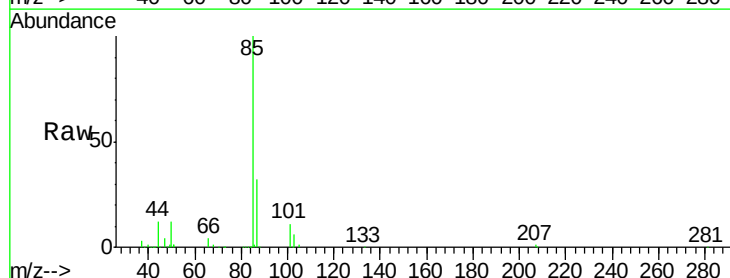
Acq: 29 Jun 2020 15:32

Tgt Ion: 85 Resp: 74512

Ion Ratio Lower Upper

85 100

87 31.6 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VY0

Ion 86.90 (86.60 to 87.60): VY0

1.91

50000

40000

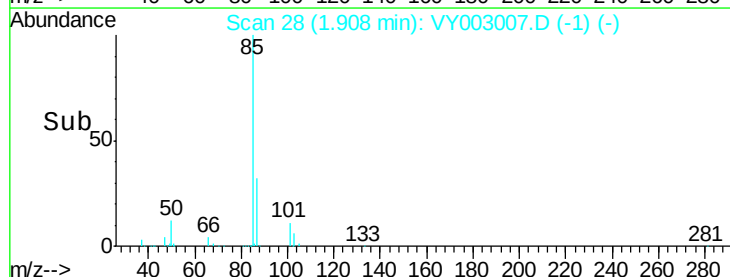
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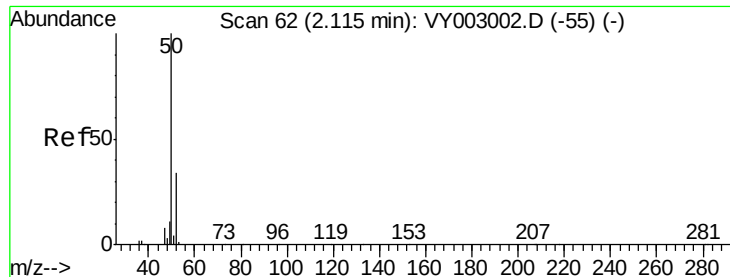
20000

10000

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Time-->





#3

Chloromethane

Concen: 18.536 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY003007.D

Acq: 29 Jun 2020 15:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0629SBS01

Tot Ion: 50 Resp: 101430

Ion Ratio Lower Upper

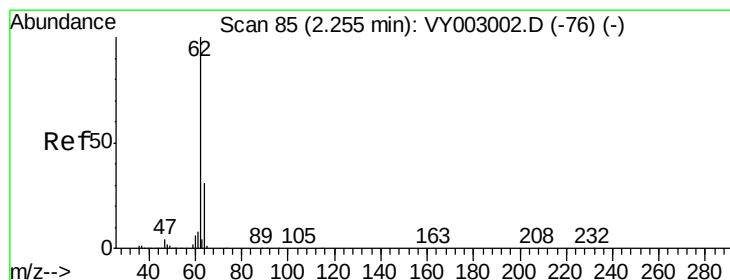
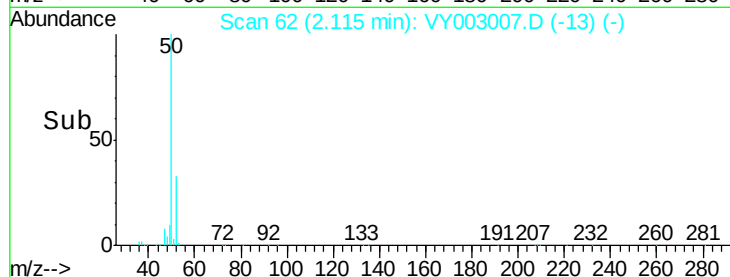
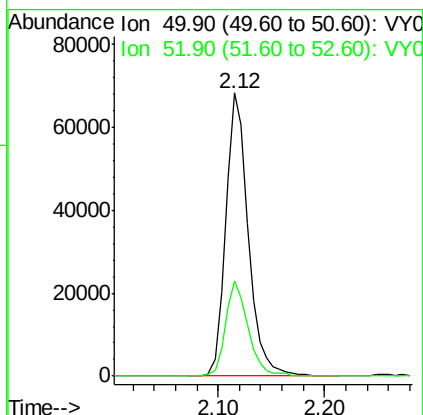
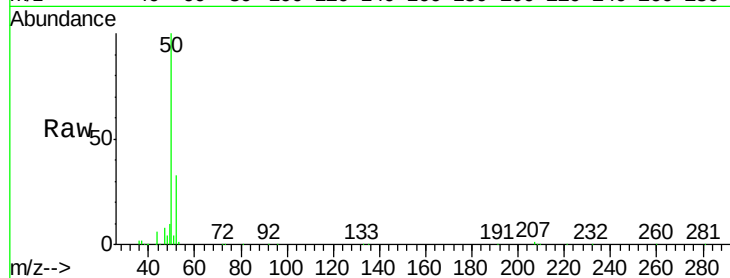
50 100

52 33.5 26.9 40.3

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#4

Vinyl Chloride

Concen: 20.568 ug/l

RT: 2.26 min Scan# 85

Delta R.T. -0.00 min

Lab File: VY003007.D

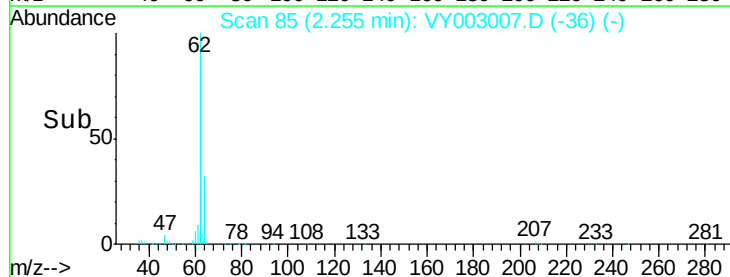
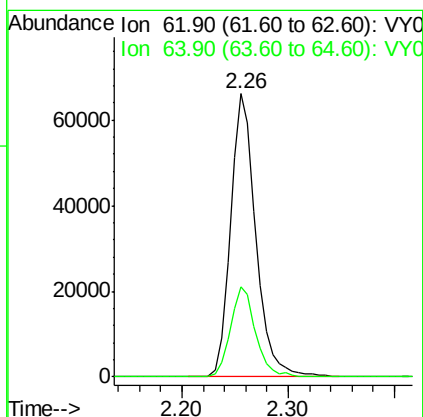
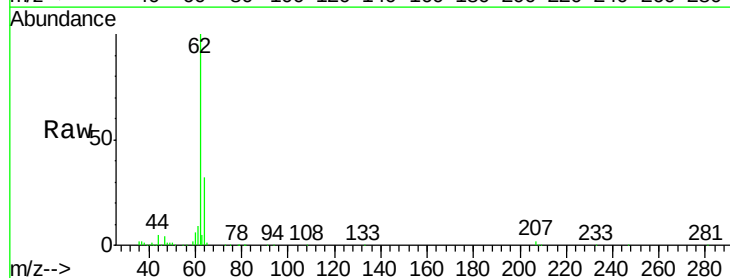
Acq: 29 Jun 2020 15:32

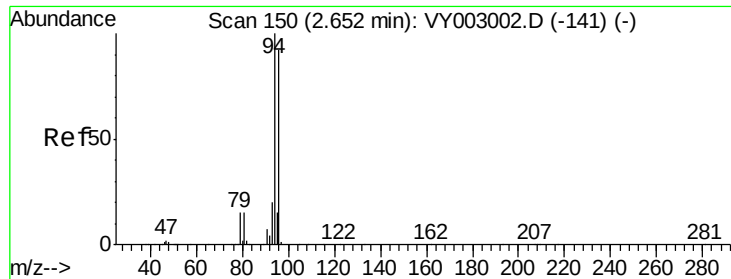
Tgt Ion: 62 Resp: 109787

Ion Ratio Lower Upper

62 100

64 32.0 24.4 36.6





#5

Bromomethane

Concen: 22.438 ug/l

RT: 2.65 min Scan# 150

Delta R.T. -0.00 min

Lab File: VY003007.D

Acq: 29 Jun 2020 15:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0629SBS01

Tot Ion: 94 Resp: 81321

Ion Ratio Lower Upper

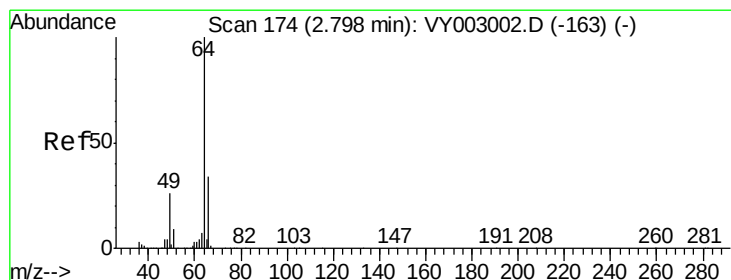
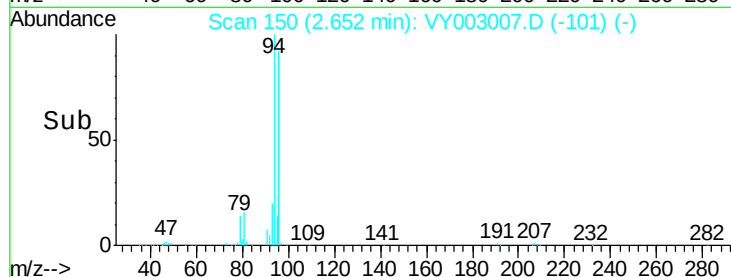
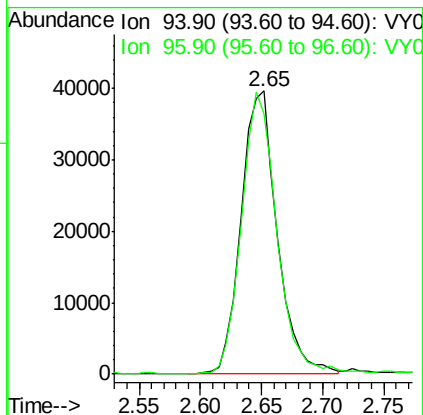
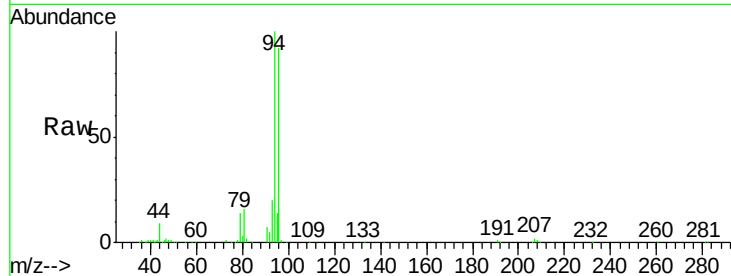
94 100

96 91.6 73.4 110.2

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#6

Chloroethane

Concen: 21.213 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.01 min

Lab File: VY003007.D

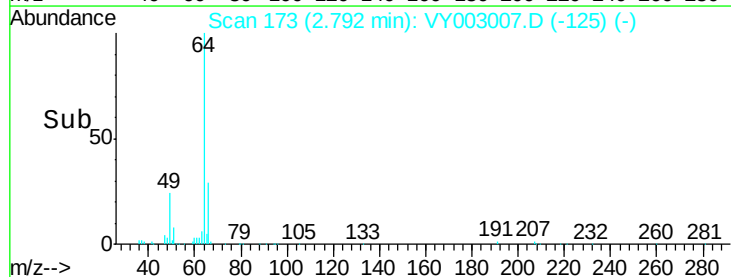
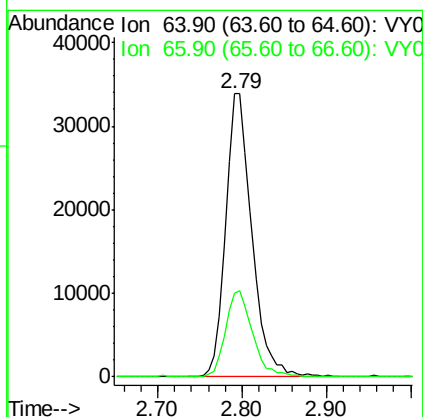
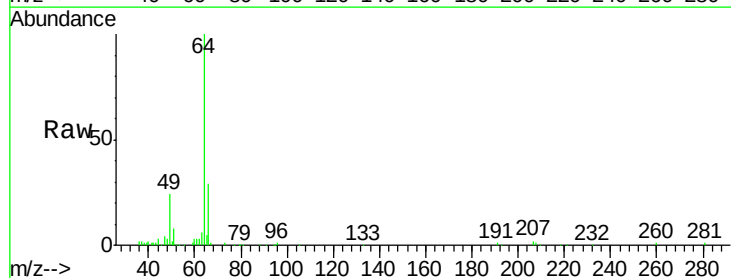
Acq: 29 Jun 2020 15:32

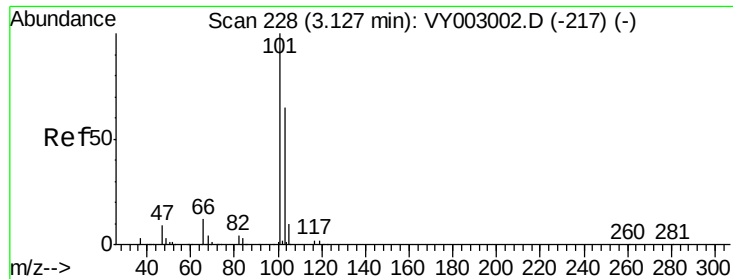
Tgt Ion: 64 Resp: 72033

Ion Ratio Lower Upper

64 100

66 29.5 27.0 40.4





#7

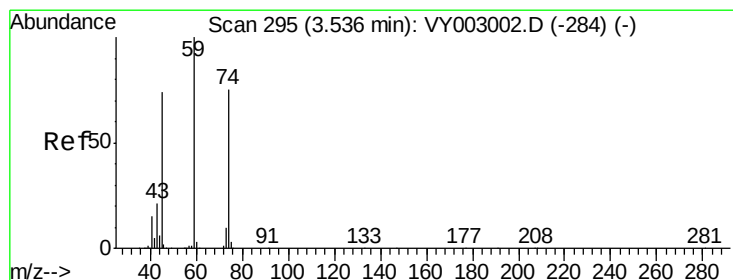
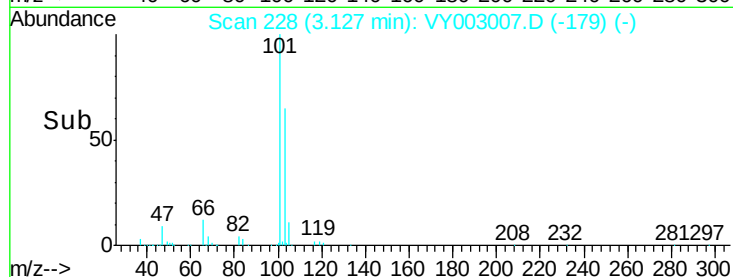
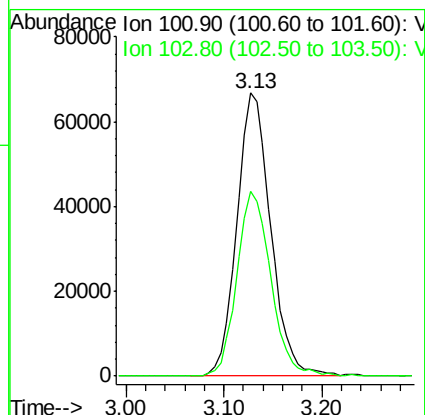
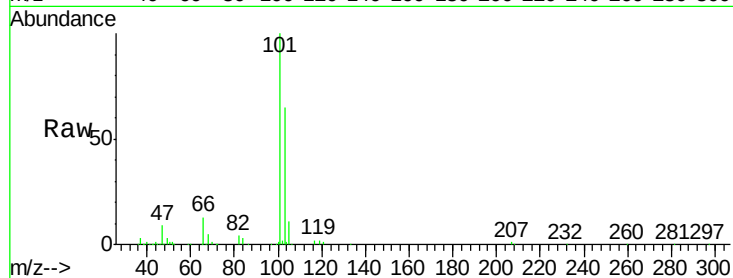
Trichlorofluoromethane
 Concen: 21.294 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. -0.00 min
 Lab File: VY003007.D
 Acq: 29 Jun 2020 15:32

Instrument :
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 ClientSampleId :
 VY0629SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.2	51.6	77.4

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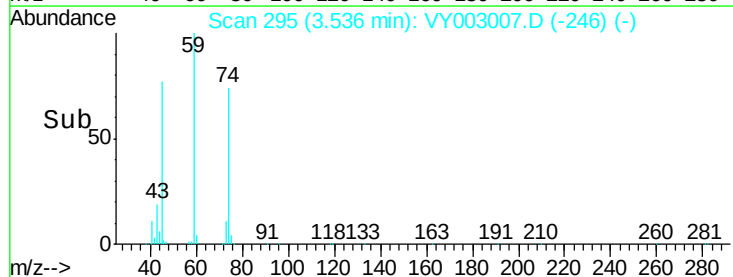
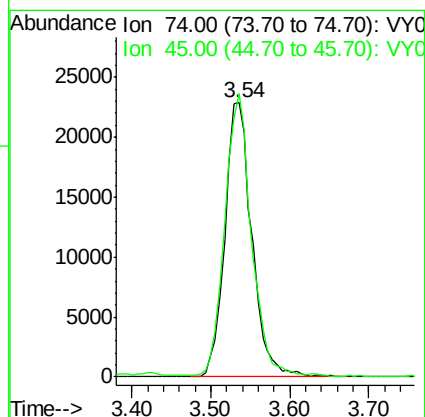
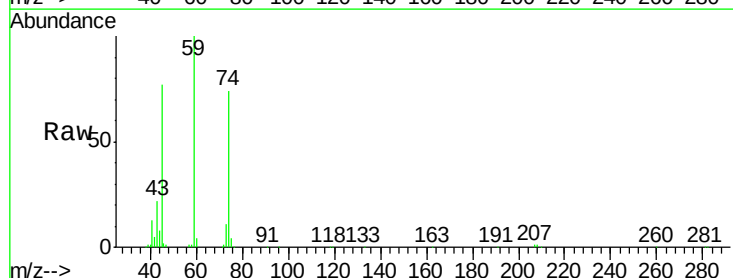
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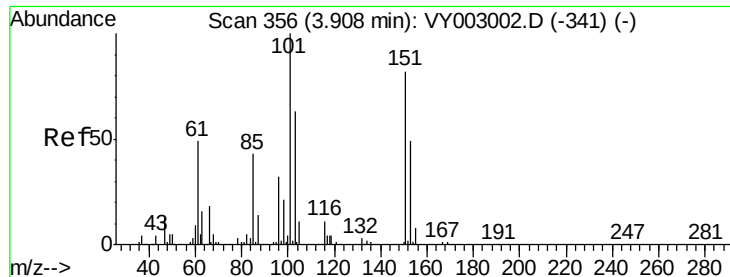


#8

Diethyl Ether
 Concen: 21.146 ug/l
 RT: 3.54 min Scan# 295
 Delta R.T. -0.00 min
 Lab File: VY003007.D
 Acq: 29 Jun 2020 15:32

Tgt Ion	Ratio	Lower	Upper
74	100		
45	100.1	49.3	147.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.141 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.01 min

Lab File: VY003007.D

Acq: 29 Jun 2020 15:32

Instrument :

MSVOA_Y

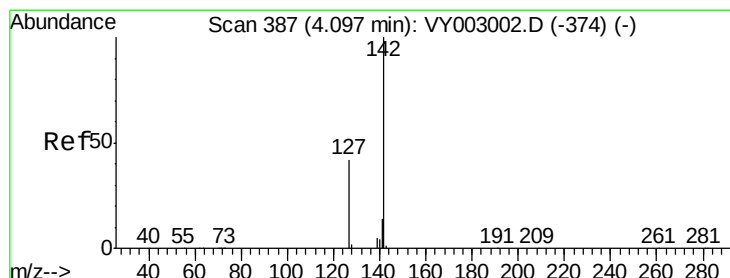
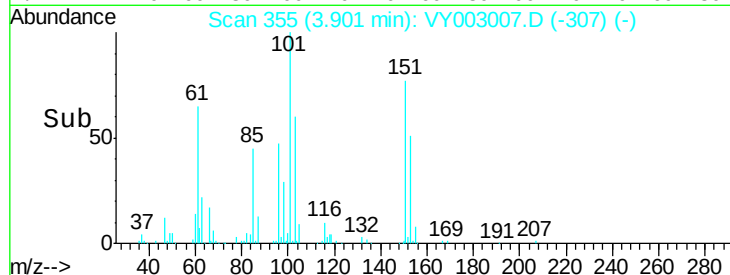
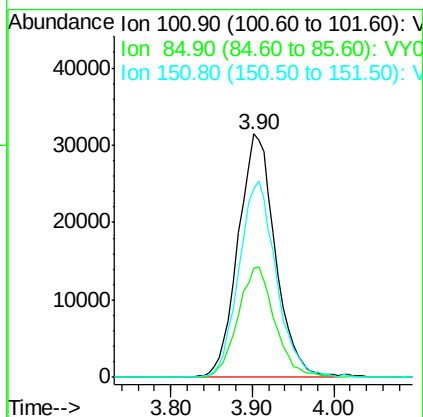
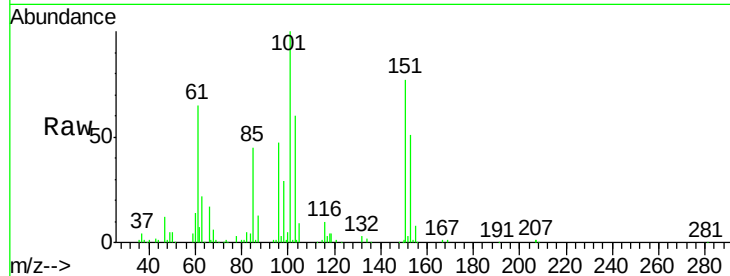
ClientSampleId :

VY0629SBS01

Tot Ion:	101	Resp:	99600
Ion Ratio	Lower	Upper	
101	100		
85	45.0	35.5	53.3
151	80.7	65.5	98.3

Manual Integrations
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#10

Methyl Iodide

Concen: 20.542 ug/l

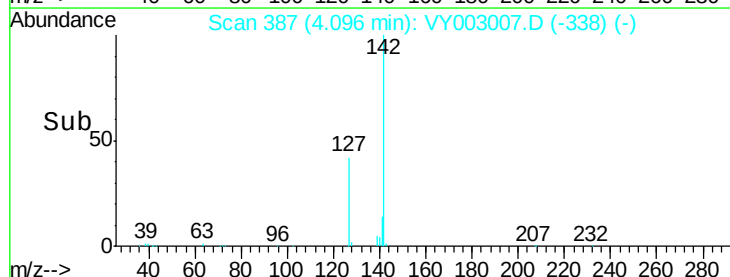
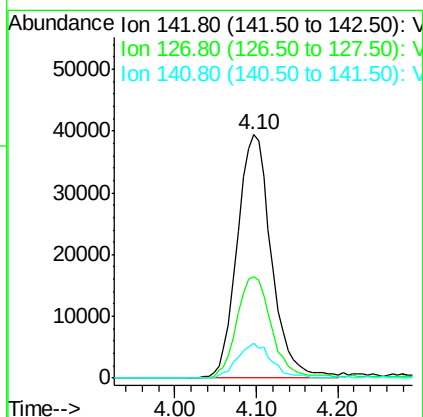
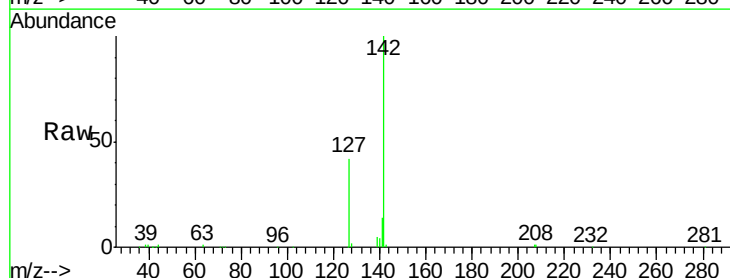
RT: 4.10 min Scan# 387

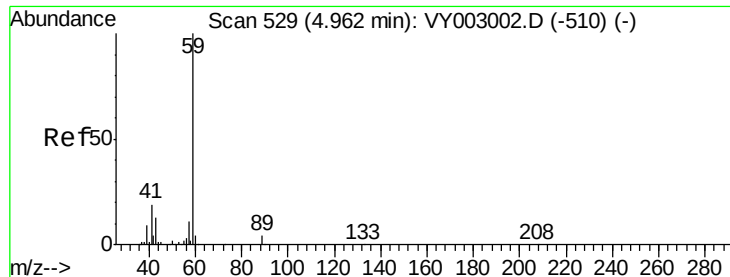
Delta R.T. -0.00 min

Lab File: VY003007.D

Acq: 29 Jun 2020 15:32

Tgt Ion:	142	Resp:	114583
Ion Ratio	Lower	Upper	
142	100		
127	42.4	34.2	51.2
141	14.4	11.7	17.5





#11

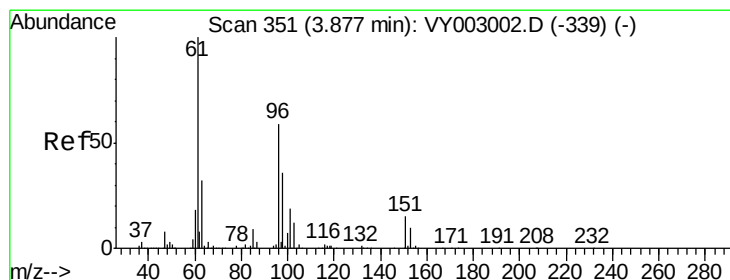
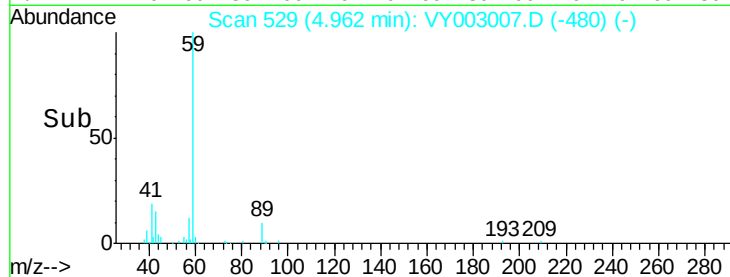
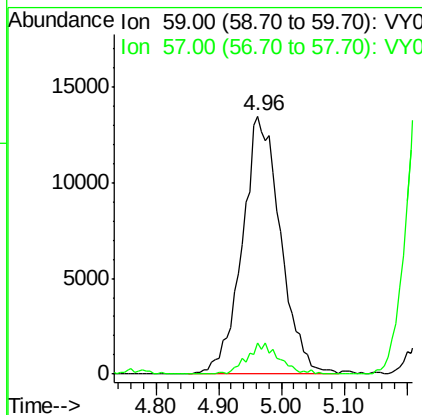
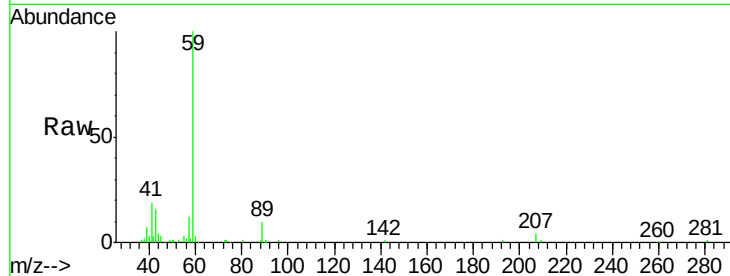
Tert butyl alcohol
 Concen: 113.559 ug/l
 RT: 4.96 min Scan# 529
 Delta R.T. -0.00 min
 Lab File: VY003007.D
 Acq: 29 Jun 2020 15:32

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0629SBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.7	8.0	12.0

Manual Integrations
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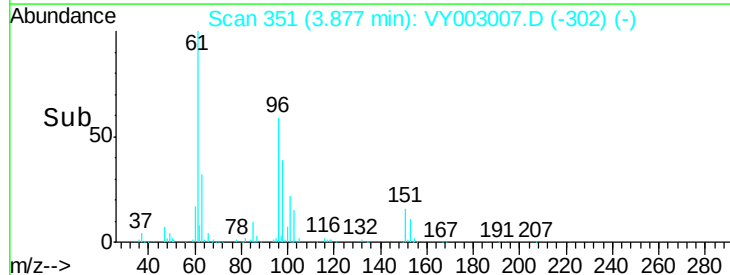
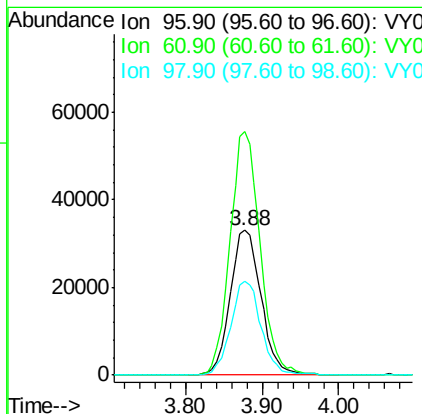
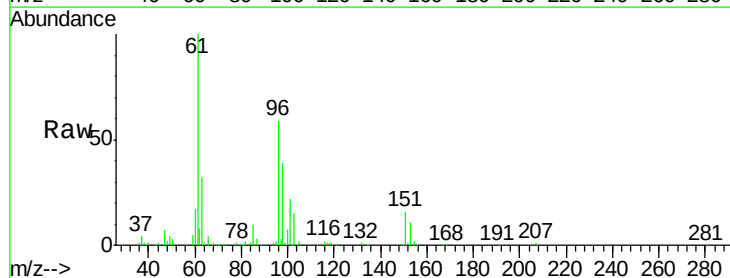
MMDadoda
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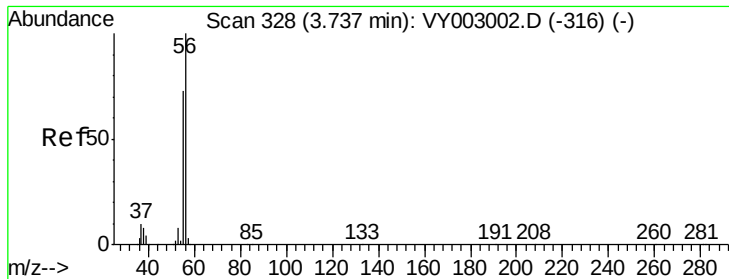


#12

1,1-Dichloroethene
 Concen: 21.605 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. -0.00 min
 Lab File: VY003007.D
 Acq: 29 Jun 2020 15:32

Tgt Ion	Ratio	Lower	Upper
96	100		
61	168.4	136.7	205.1
98	65.0	49.7	74.5





#13

Acrolein

Concen: 106.862 ug/l

RT: 3.74 min Scan# 328

Delta R.T. -0.00 min

Lab File: VY003007.D

Acq: 29 Jun 2020 15:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0629SBS01

Tot Ion: 56 Resp: 47935

Ion Ratio Lower Upper

56 100

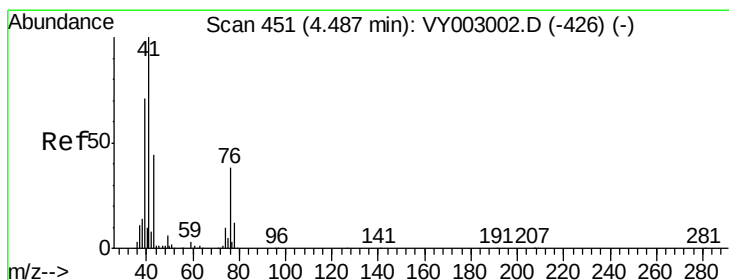
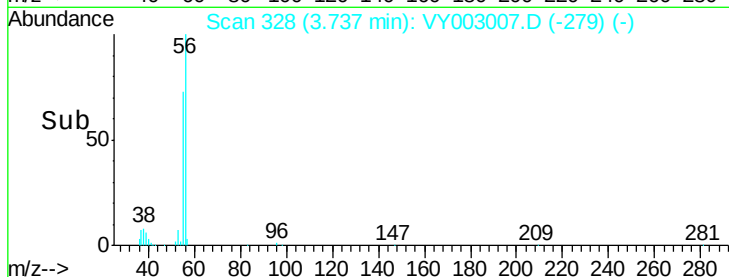
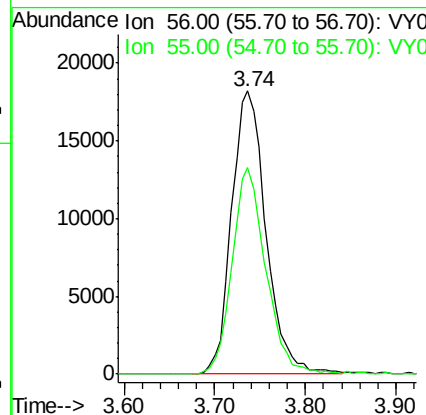
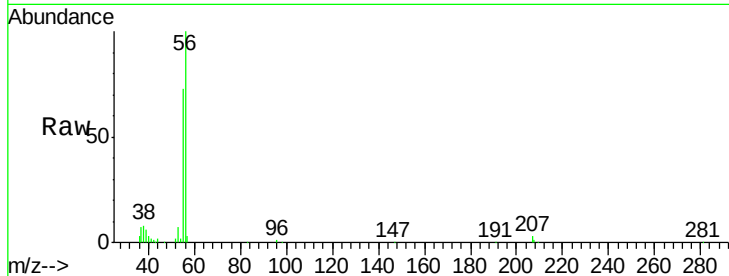
55 71.6 56.4 84.6

Manual Integrations

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#14

Allyl chloride

Concen: 21.280 ug/l

RT: 4.48 min Scan# 450

Delta R.T. -0.01 min

Lab File: VY003007.D

Acq: 29 Jun 2020 15:32

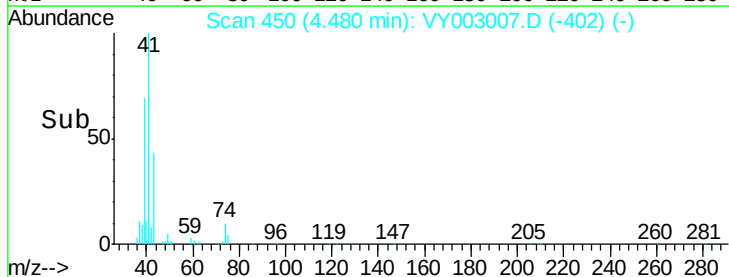
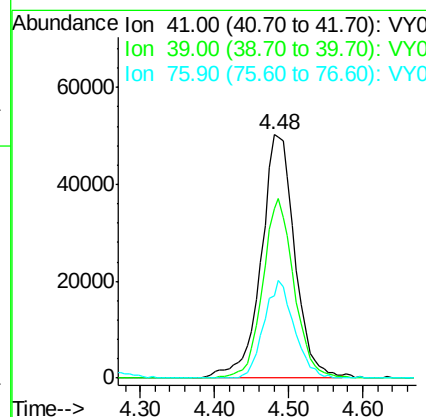
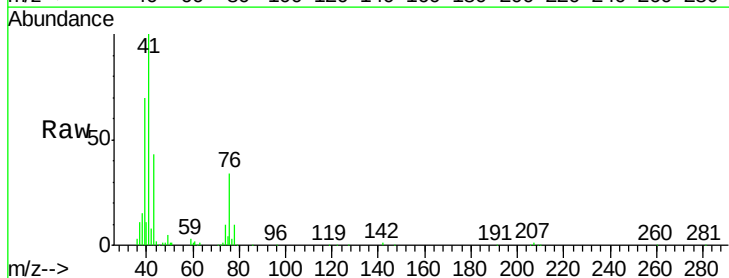
Tgt Ion: 41 Resp: 159023

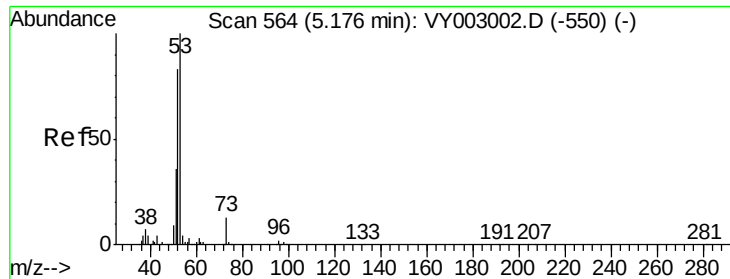
Ion Ratio Lower Upper

41 100

39 68.7 55.6 83.4

76 36.1 28.6 43.0





#15

Acrylonitrile

Concen: 108.370 ug/l

RT: 5.18 min Scan# 564

Delta R.T. -0.00 min

Lab File: VY003007.D

Acq: 29 Jun 2020 15:32

Instrument :

MSVOA_Y

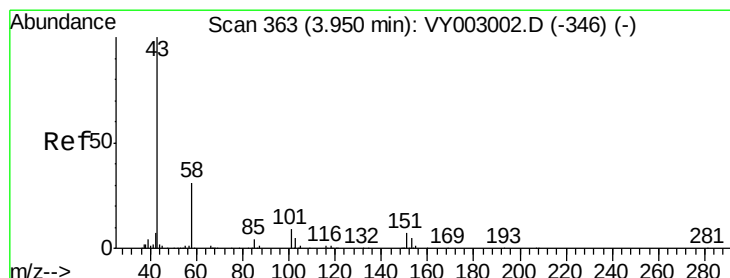
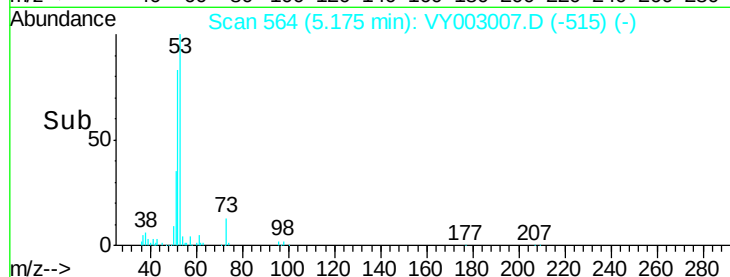
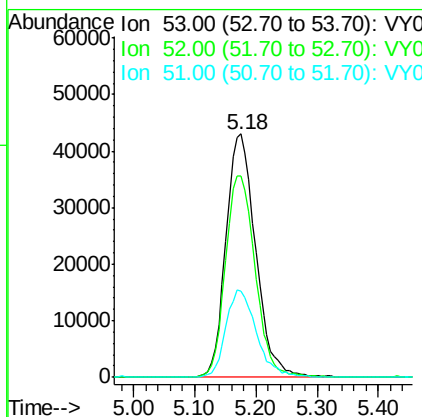
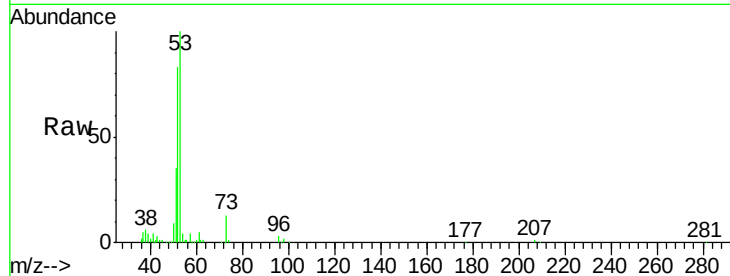
ClientSampleId :

VY0629SBS01

Tot Ion:	53	Resp:	144252
Ion	Ratio	Lower	Upper
53	100		
52	83.0	66.2	99.2
51	37.0	29.5	44.3

Manual Integrations
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#16

Acetone

Concen: 99.280 ug/l

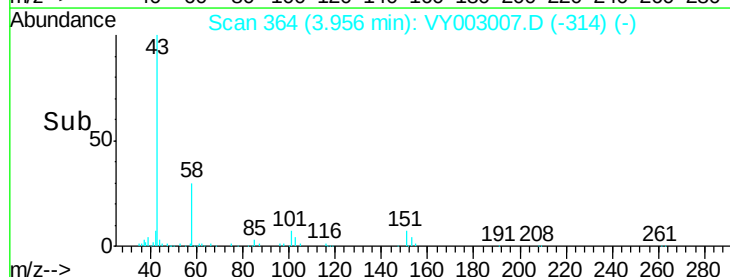
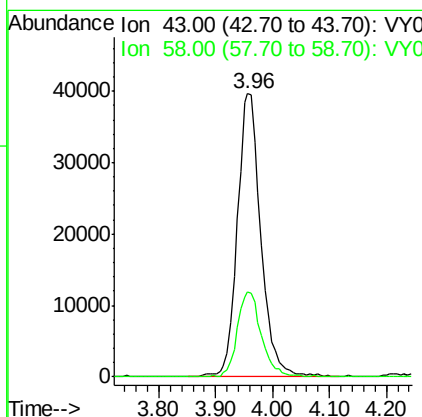
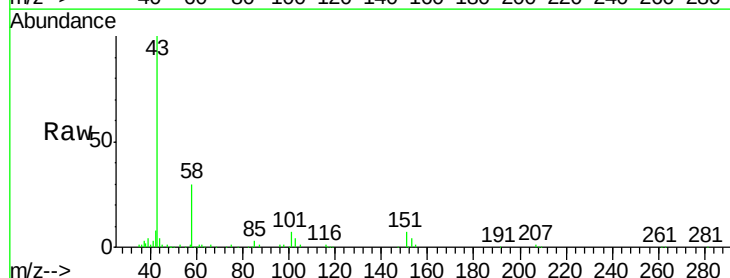
RT: 3.96 min Scan# 364

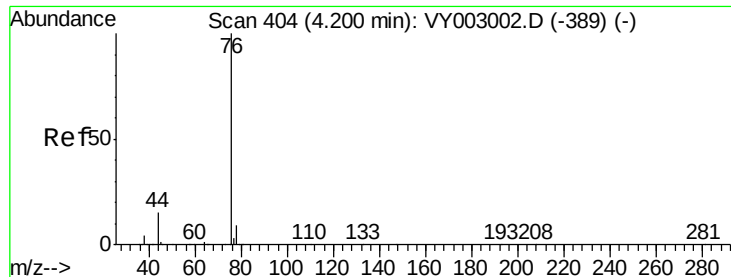
Delta R.T. 0.01 min

Lab File: VY003007.D

Acq: 29 Jun 2020 15:32

Tgt Ion:	43	Resp:	114751
Ion	Ratio	Lower	Upper
43	100		
58	30.2	24.7	37.1





#17

Carbon Disulfide

Concen: 21.599 ug/l

RT: 4.20 min Scan# 404

Delta R.T. -0.00 min

Lab File: VY003007.D

Acq: 29 Jun 2020 15:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0629SBS01

Tot Ion: 76 Resp: 295370

Ion Ratio Lower Upper

76 100

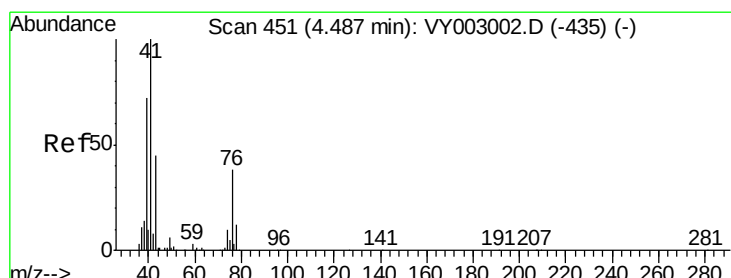
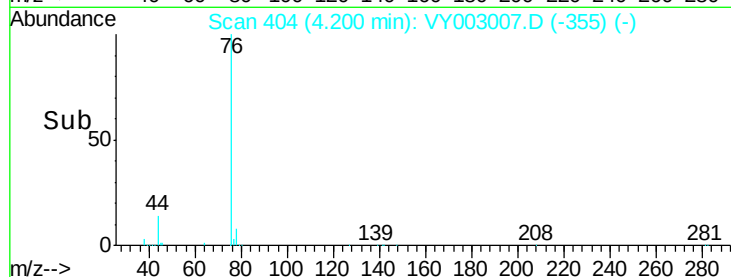
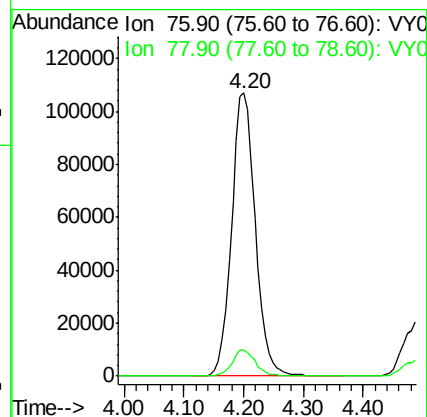
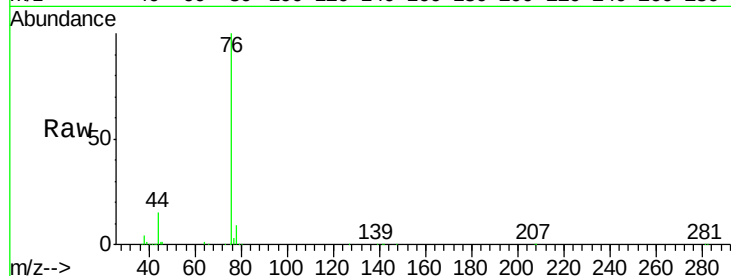
78 9.2 7.0 10.6

Manual Integrations

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#18

Methyl Acetate

Concen: 21.100 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.00 min

Lab File: VY003007.D

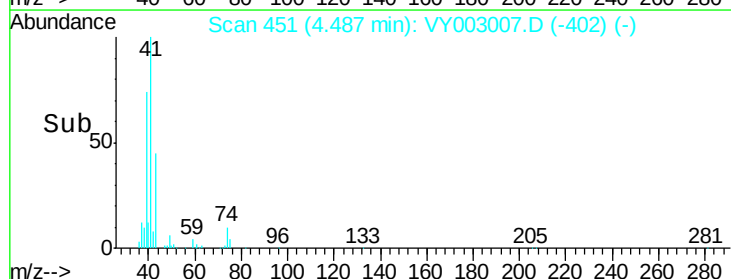
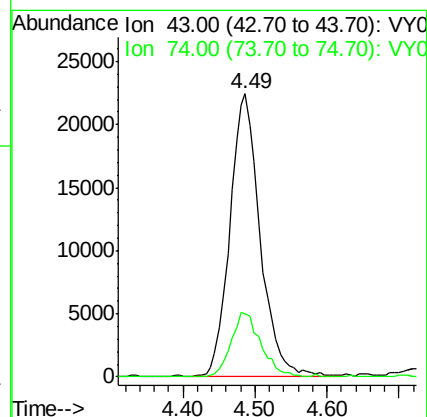
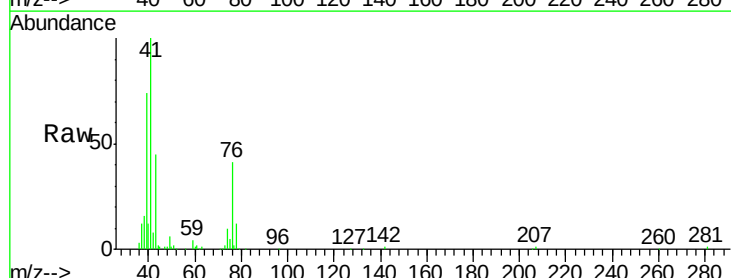
Acq: 29 Jun 2020 15:32

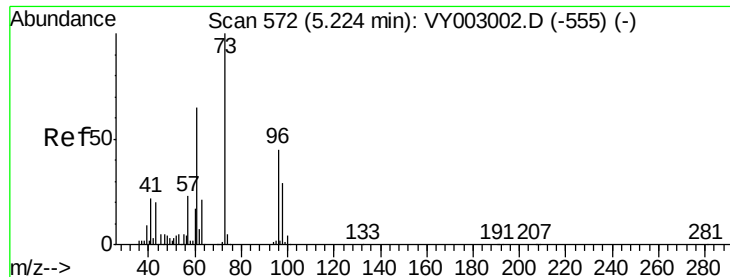
Tgt Ion: 43 Resp: 65705

Ion Ratio Lower Upper

43 100

74 22.5 18.2 27.4





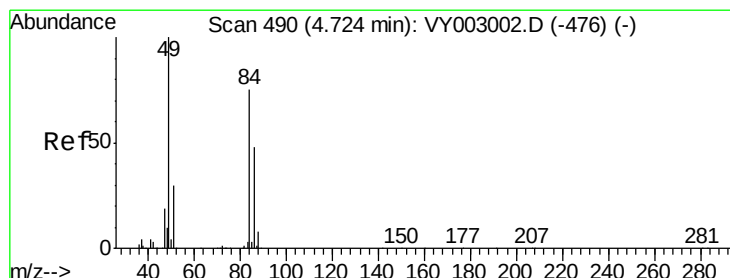
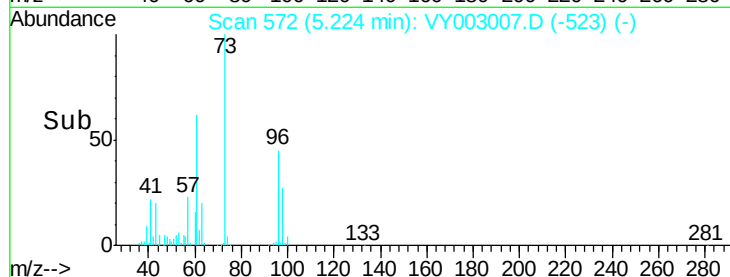
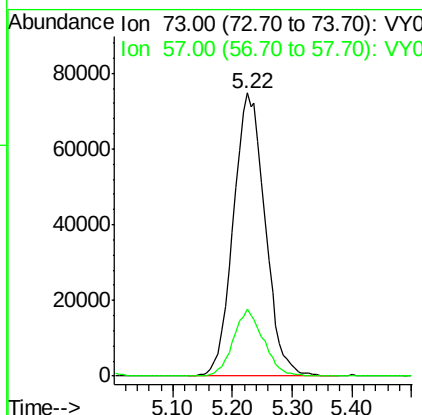
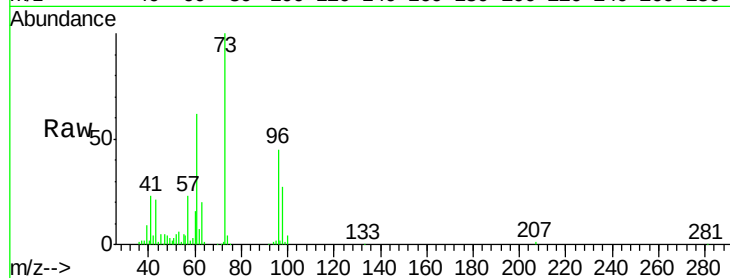
#19
Methyl tert-butyl Ether
Concen: 22.212 ug/l
RT: 5.22 min Scan# 572
Delta R.T. -0.00 min
Lab File: VY003007.D
Acq: 29 Jun 2020 15:32

Instrument :
MSVOA_Y
ClientSampleId :
VY0629SBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	23.5	18.2	27.2

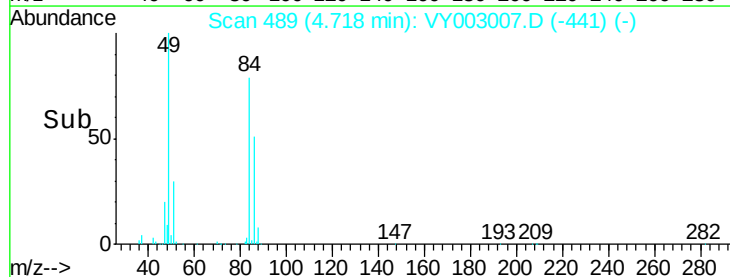
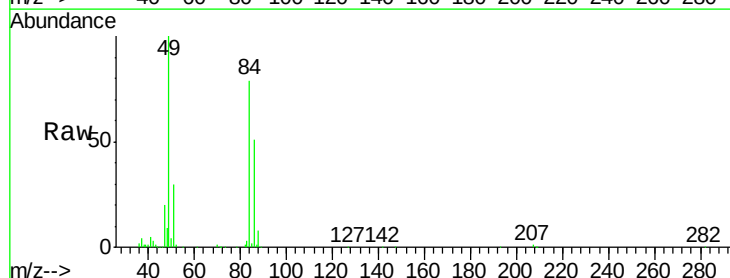
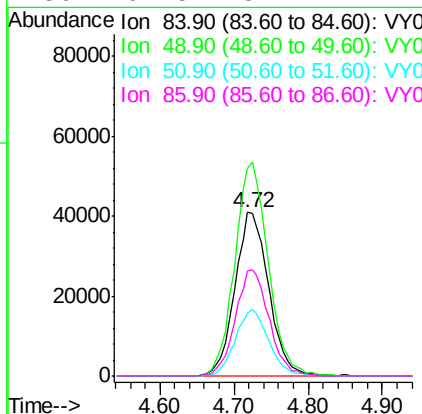
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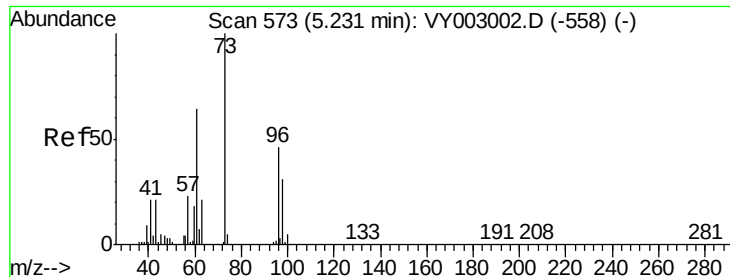
MMDadoda
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#20
Methylene Chloride
Concen: 21.195 ug/l
RT: 4.72 min Scan# 489
Delta R.T. -0.01 min
Lab File: VY003007.D
Acq: 29 Jun 2020 15:32

Tgt Ion	Ratio	Lower	Upper
84	100		
49	127.1	106.8	160.2
51	38.3	32.0	48.0
86	64.5	51.4	77.2





#21

trans-1,2-Dichloroethene

Concen: 22.113 ug/l

RT: 5.22 min Scan# 572

Delta R.T. -0.01 min

Lab File: VY003007.D

Acq: 29 Jun 2020 15:32

Instrument :

MSVOA_Y

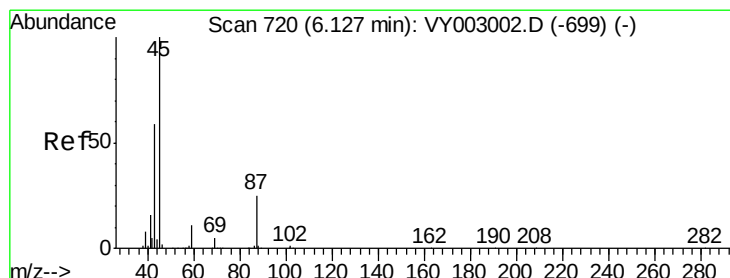
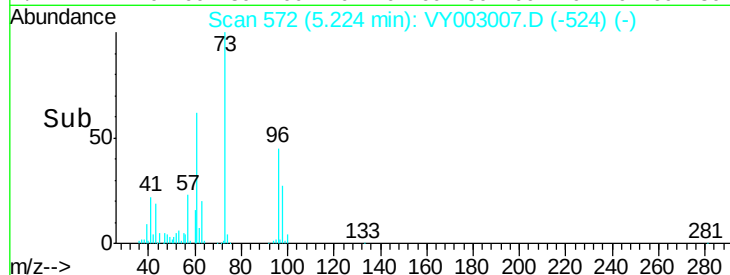
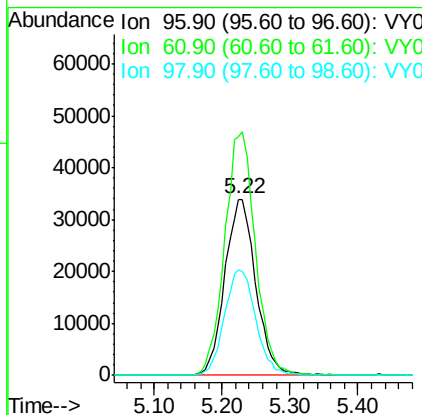
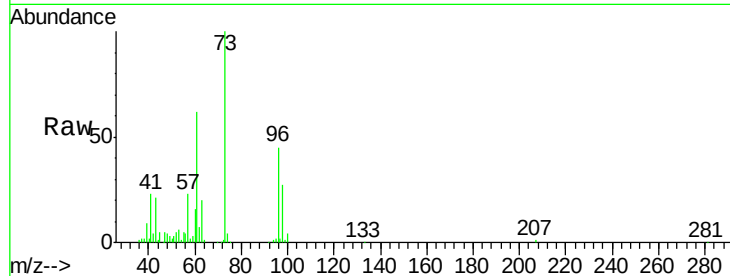
ClientSampleId :

VY0629SBS01

Tot Ion:	96	Resp:	107060
Ion	Ratio	Lower	Upper
96	100		
61	136.0	112.3	168.5
98	60.1	53.8	80.8

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#22

Diisopropyl ether

Concen: 21.339 ug/l

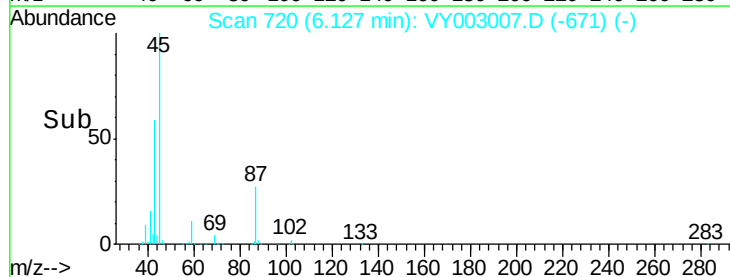
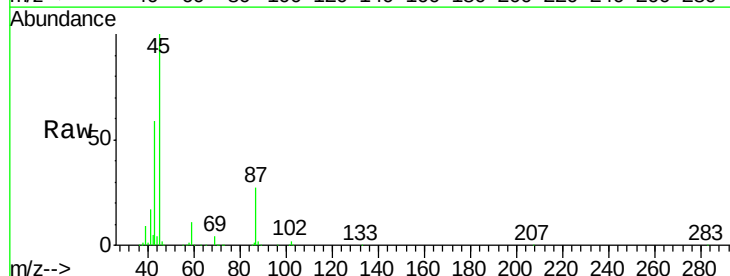
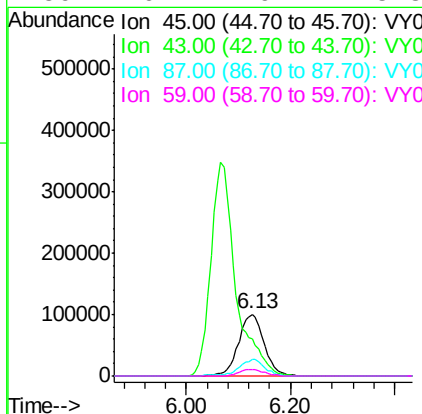
RT: 6.13 min Scan# 720

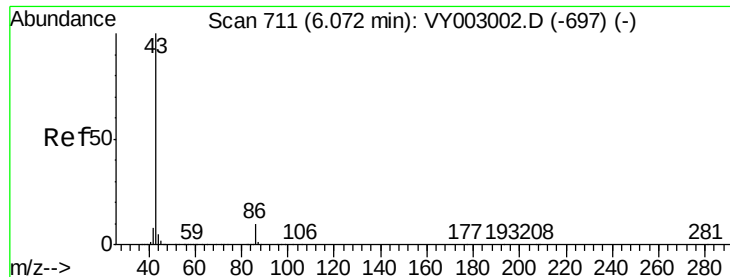
Delta R.T. -0.00 min

Lab File: VY003007.D

Acq: 29 Jun 2020 15:32

Tgt Ion:	45	Resp:	341789
Ion	Ratio	Lower	Upper
45	100		
43	58.6	47.4	71.2
87	27.1	20.2	30.2
59	10.7	9.2	13.8





#23

Vinyl Acetate

Concen: 108.285 ug/l

RT: 6.07 min Scan# 710

Delta R.T. -0.01 min

Lab File: VY003007.D

Acq: 29 Jun 2020 15:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0629SBS01

Tot Ion: 43 Resp: 1159549

Ion Ratio Lower Upper

43 100

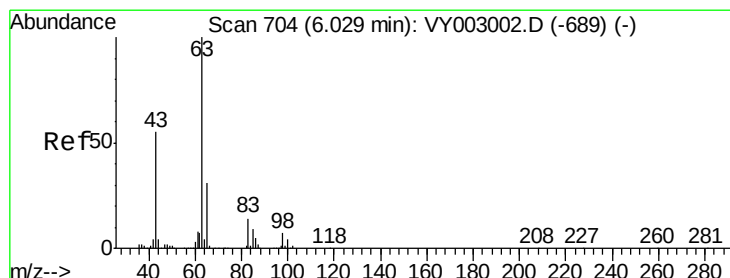
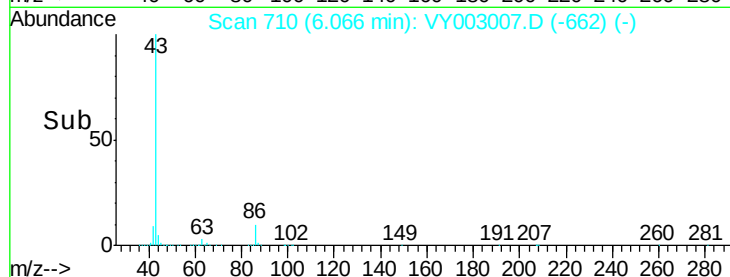
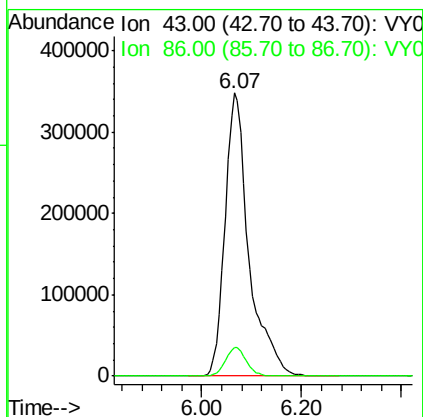
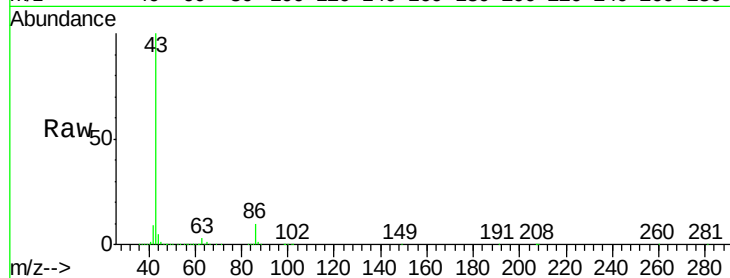
86 10.1 8.1 12.1

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 21.147 ug/l

RT: 6.02 min Scan# 703

Delta R.T. -0.01 min

Lab File: VY003007.D

Acq: 29 Jun 2020 15:32

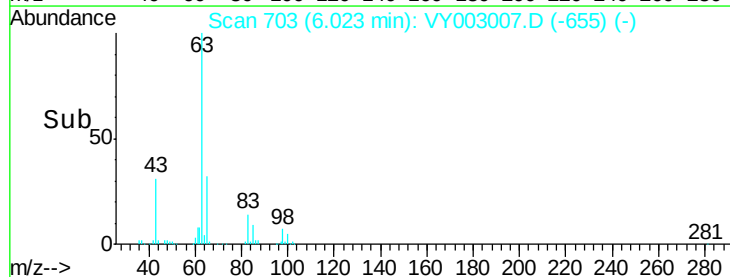
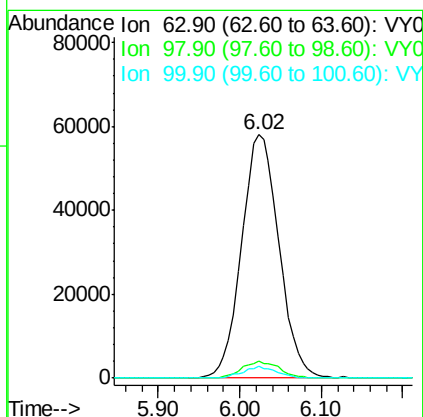
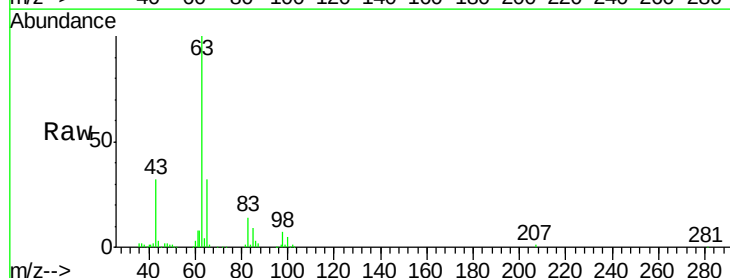
Tgt Ion: 63 Resp: 185025

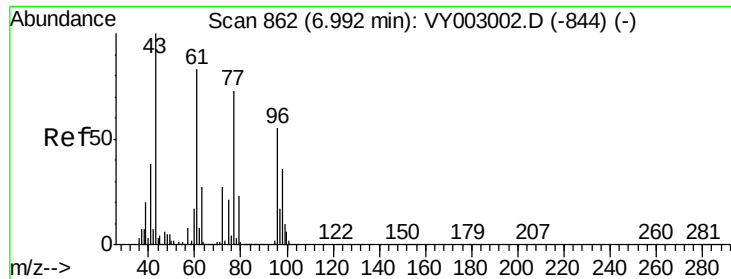
Ion Ratio Lower Upper

63 100

98 6.9 3.4 10.1

100 4.7 2.3 6.8





#25

2-Butanone

Concen: 107.467 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.00 min

Lab File: VY003007.D

Acq: 29 Jun 2020 15:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0629SBS01

Tot Ion: 43 Resp: 197313

Ion Ratio Lower Upper

43 100

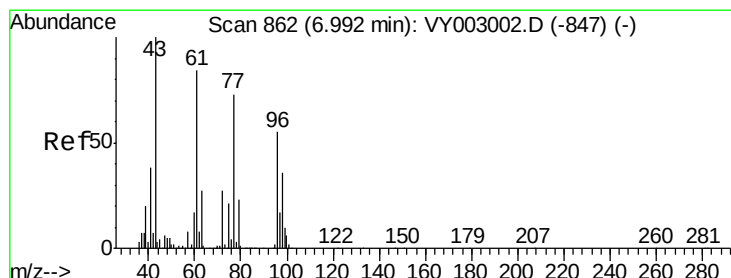
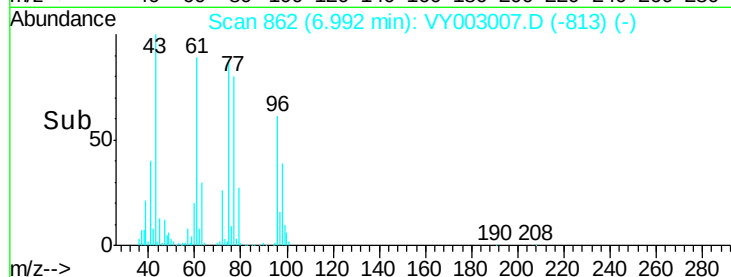
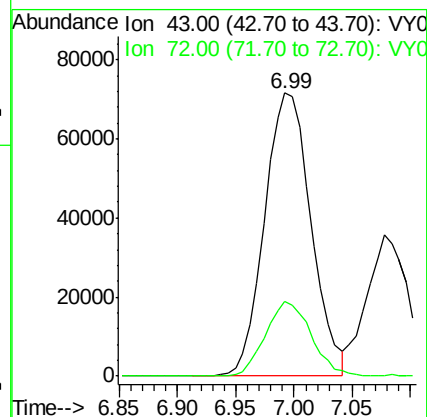
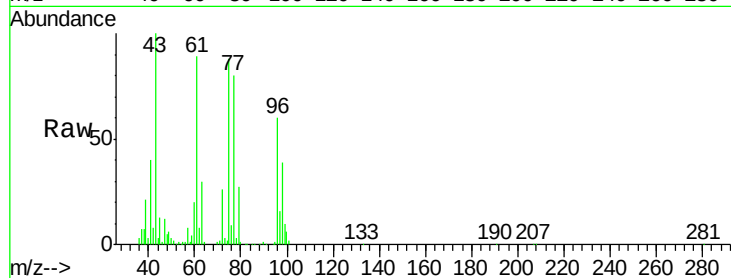
72 26.4 21.4 32.0

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 22.129 ug/l

RT: 6.99 min Scan# 861

Delta R.T. -0.01 min

Lab File: VY003007.D

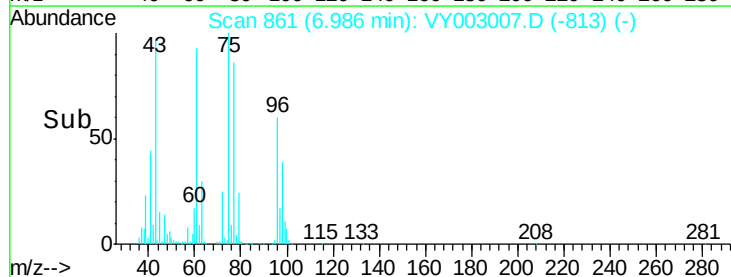
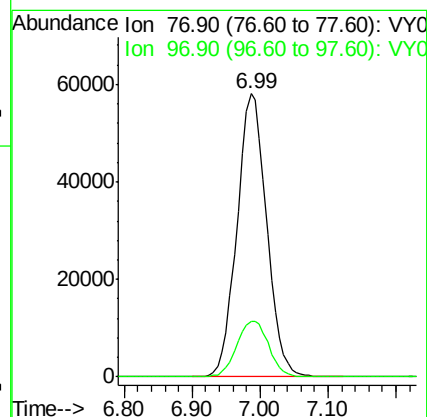
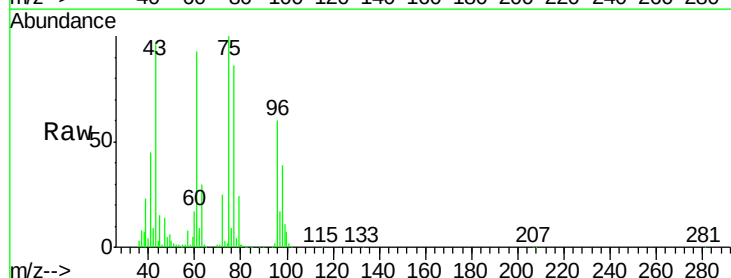
Acq: 29 Jun 2020 15:32

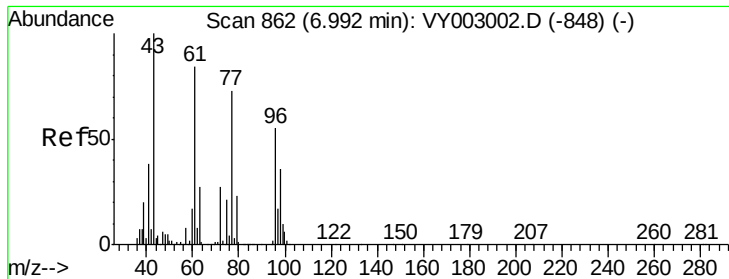
Tgt Ion: 77 Resp: 175909

Ion Ratio Lower Upper

77 100

97 21.1 11.3 33.9





#27

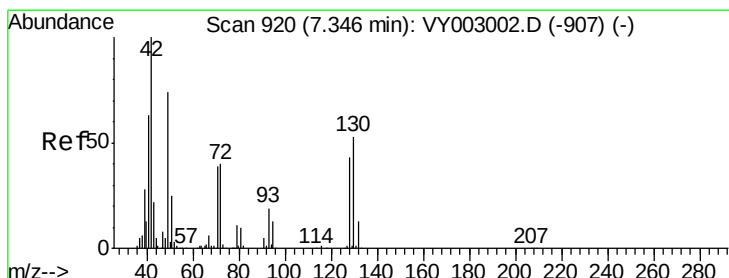
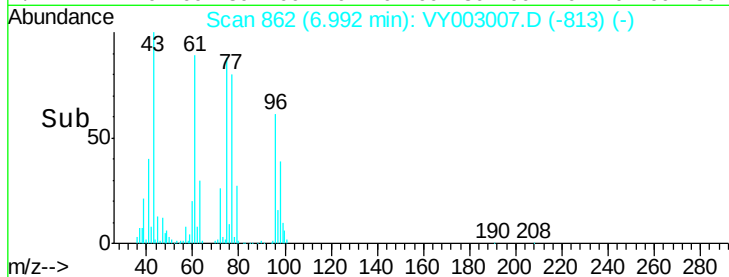
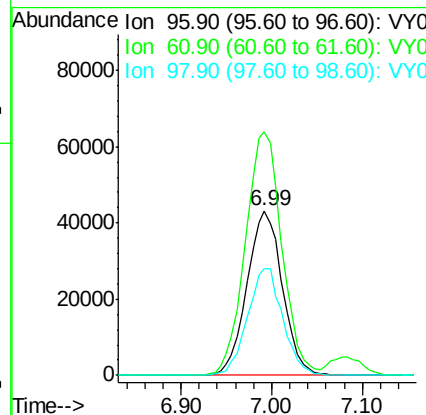
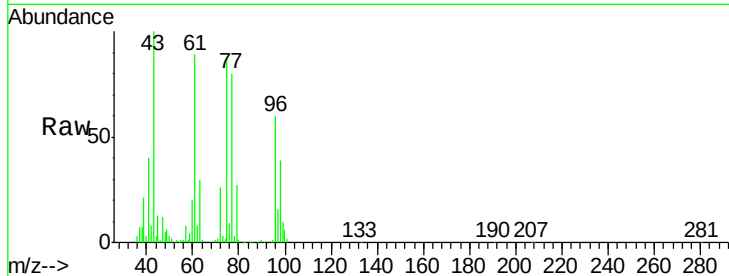
cis-1,2-Dichloroethene
Concen: 21.557 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.00 min
Lab File: VY003007.D
Acq: 29 Jun 2020 15:32

Instrument :
MSVOA_Y
ClientSampleId :
VY0629SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	151.9	0.0	301.2
98	64.4	0.0	129.0

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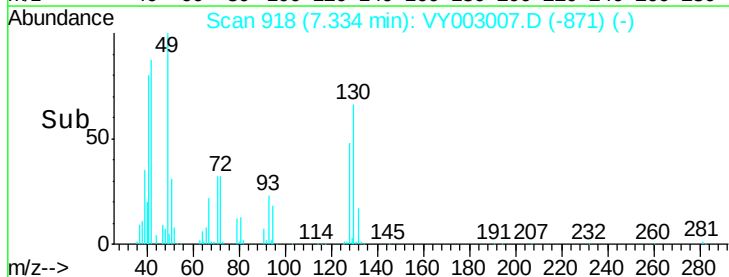
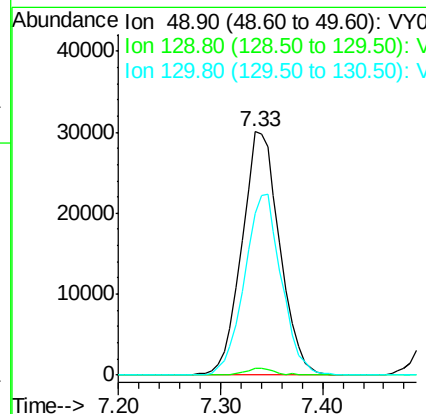
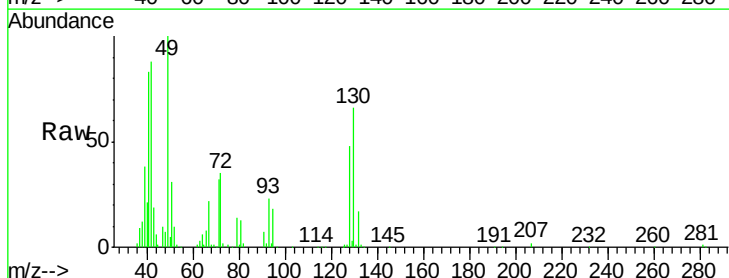
MMDadoda
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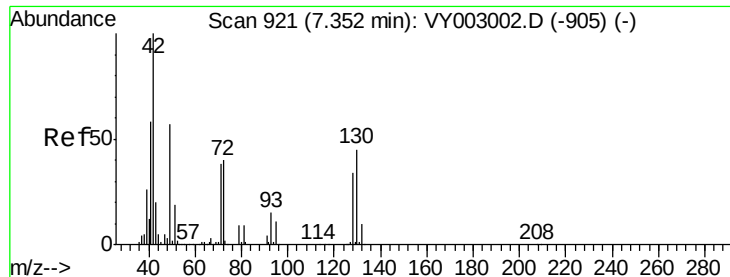


#28

Bromochloromethane
Concen: 19.865 ug/l
RT: 7.33 min Scan# 918
Delta R.T. -0.01 min
Lab File: VY003007.D
Acq: 29 Jun 2020 15:32

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.4
130	72.6	57.0	85.6





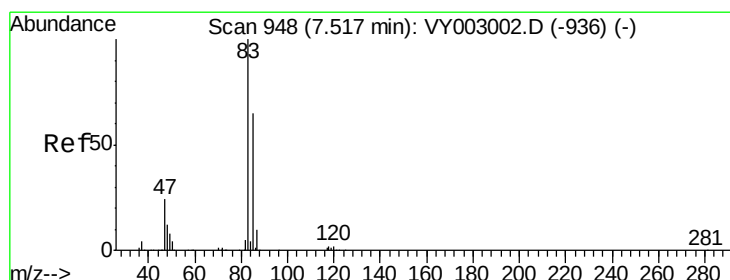
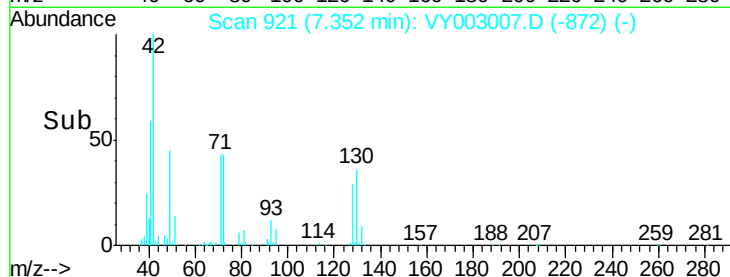
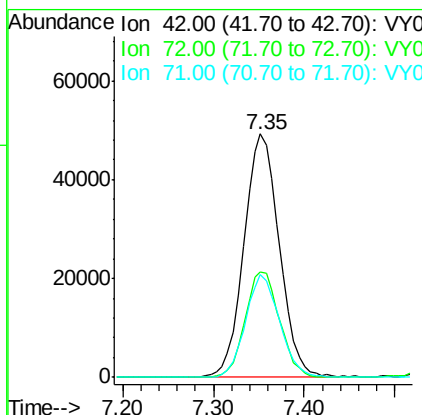
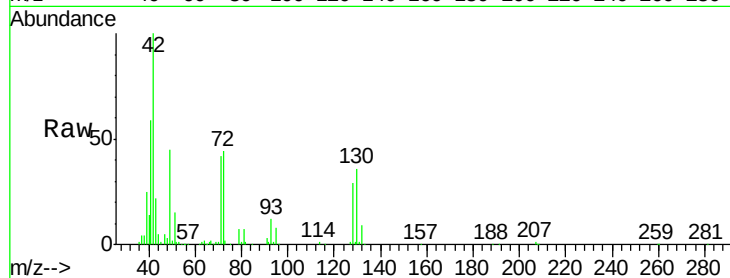
#29
Tetrahydrofuran
Concen: 108.979 ug/l
RT: 7.35 min Scan# 921
Delta R.T. -0.00 min
Lab File: VY003007.D
Acq: 29 Jun 2020 15:32

Instrument :
MSVOA_Y
ClientSampleId :
VY0629SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.2	32.9	49.3
71	40.5	31.2	46.8

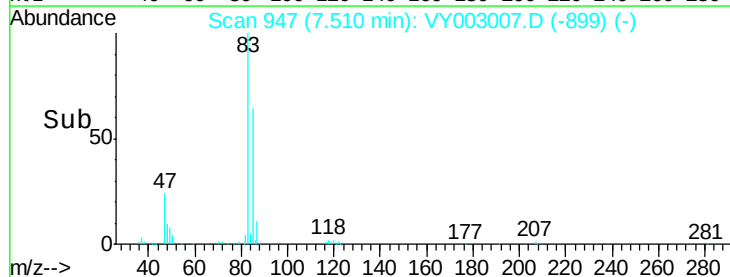
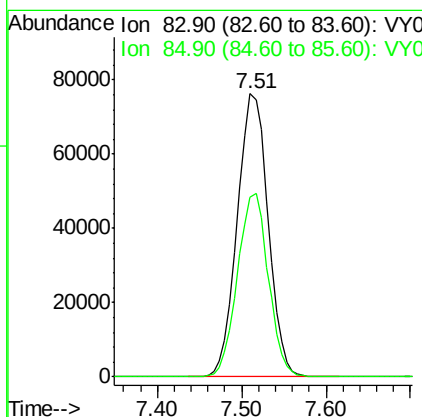
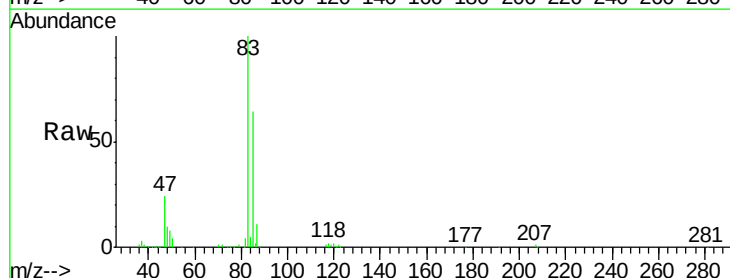
Manual Integrations
APPROVED

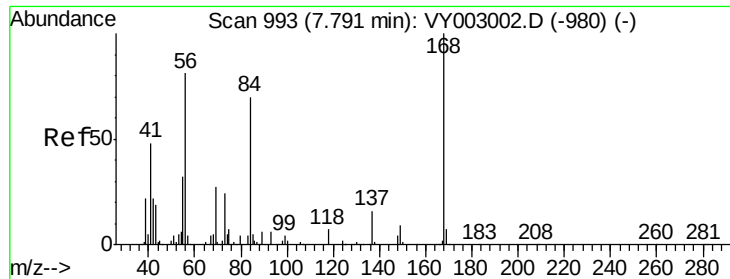
MMDadoda
6/30/2020 12:54:14 PM



#30
Chloroform
Concen: 21.771 ug/l
RT: 7.51 min Scan# 947
Delta R.T. -0.01 min
Lab File: VY003007.D
Acq: 29 Jun 2020 15:32

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.6	51.7	77.5





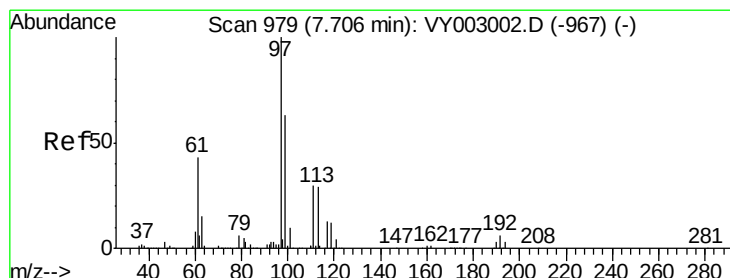
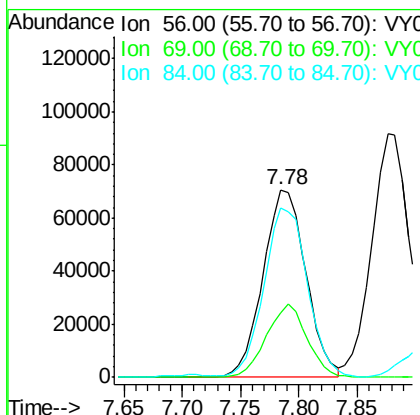
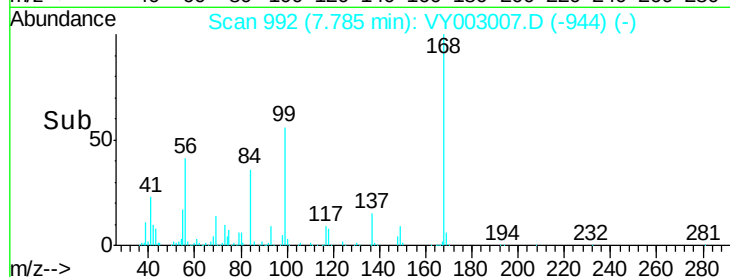
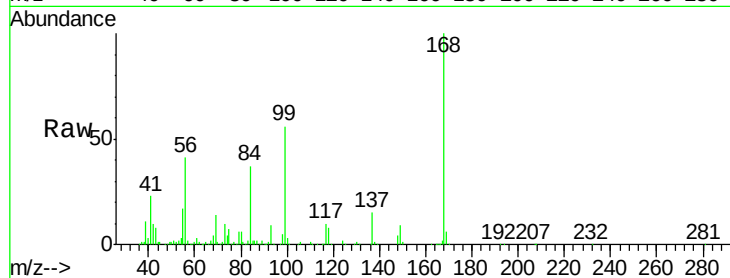
#31
Cyclohexane
Concen: 20.902 ug/l
RT: 7.78 min Scan# 992
Delta R.T. -0.01 min
Lab File: VY003007.D
Acq: 29 Jun 2020 15:32

Instrument :
MSVOA_Y
ClientSampleId :
VY0629SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	34.4	27.0	40.4
84	89.0	68.1	102.1

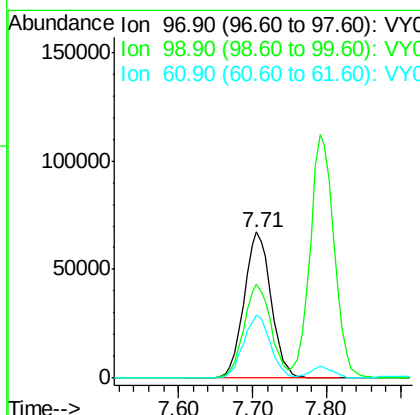
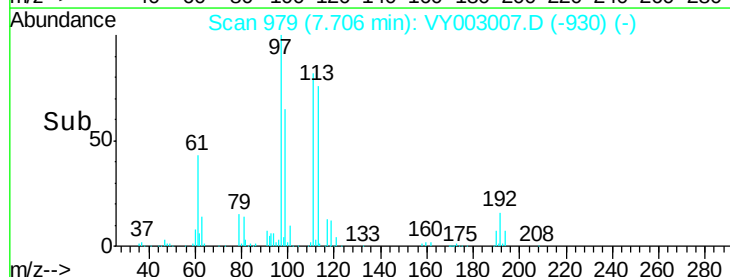
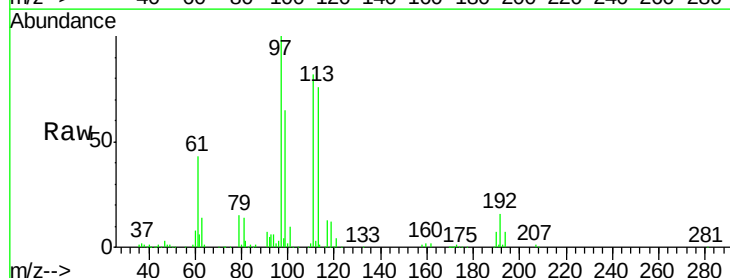
Manual Integrations
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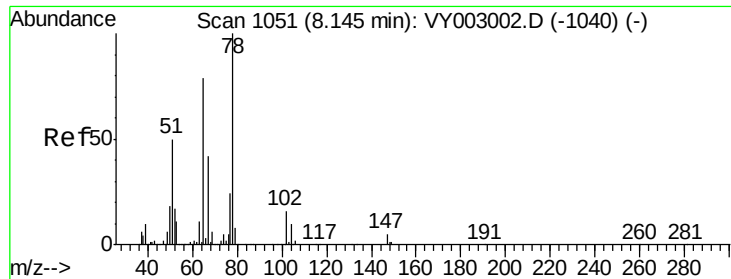
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#32
1,1,1-Trichloroethane
Concen: 21.568 ug/l
RT: 7.71 min Scan# 979
Delta R.T. -0.00 min
Lab File: VY003007.D
Acq: 29 Jun 2020 15:32

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.7	51.4	77.2
61	43.0	33.9	50.9





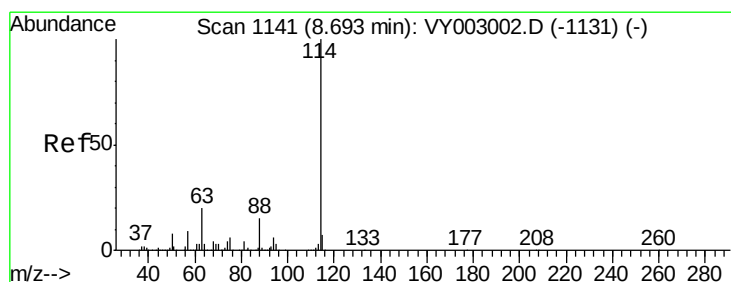
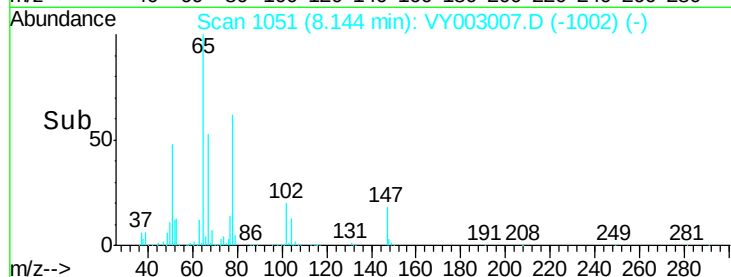
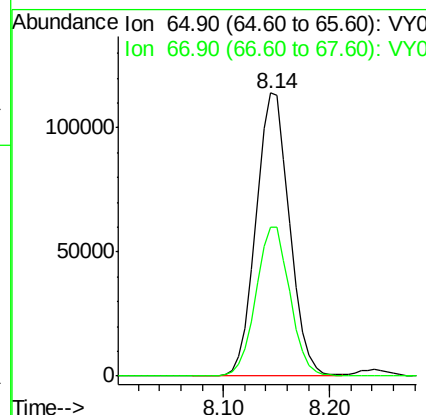
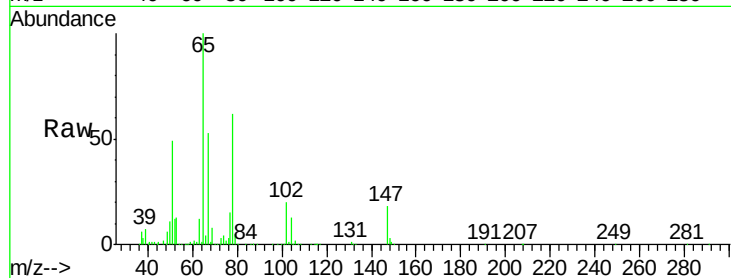
#33
 1,2-Dichloroethane-d4
 Concen: 51.421 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VY003007.D
 Acq: 29 Jun 2020 15:32

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0629SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	252000		
67	53.5	0.0	105.6	

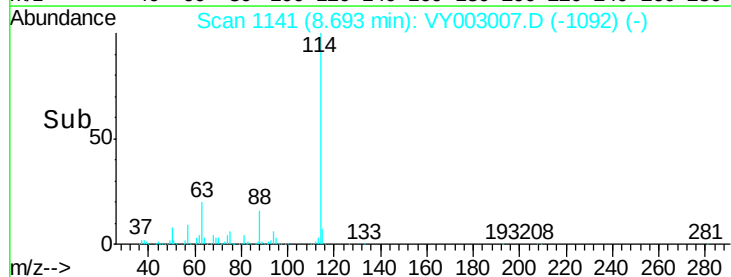
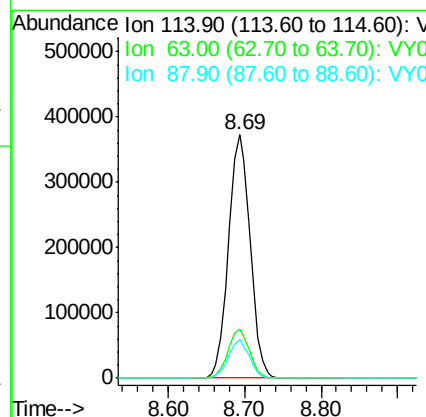
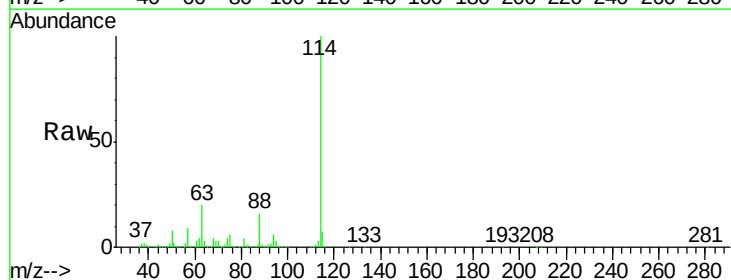
Manual Integrations
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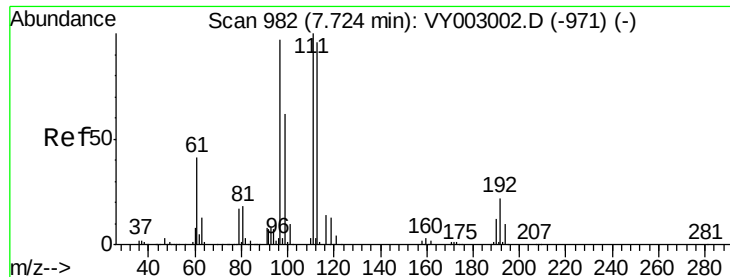
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY003007.D
 Acq: 29 Jun 2020 15:32

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	727423		
63	20.1	0.0	40.6	
88	15.8	0.0	30.0	





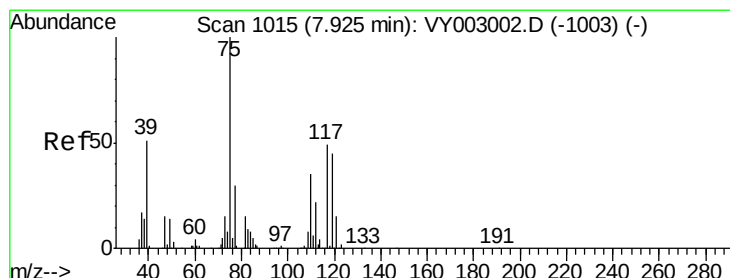
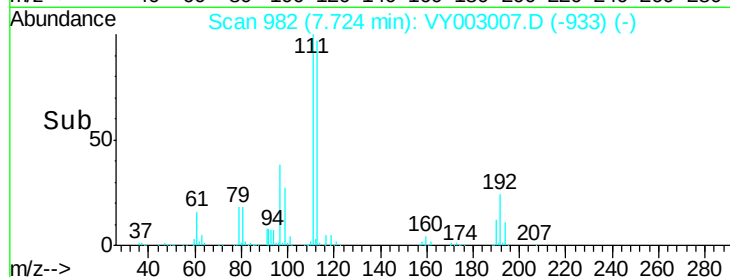
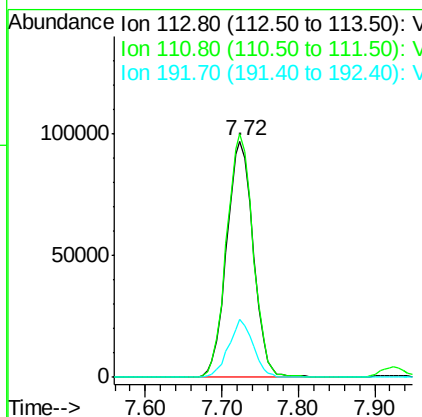
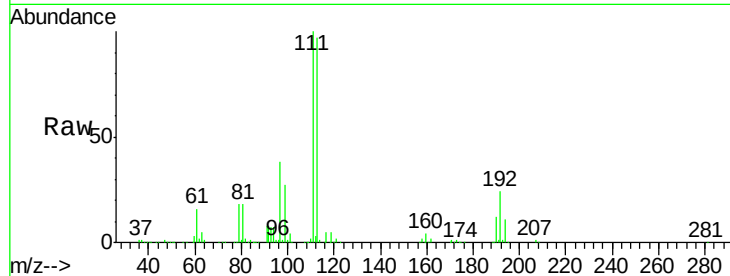
#35
 Dibromofluoromethane
 Concen: 51.244 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VY003007.D
 Acq: 29 Jun 2020 15:32

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0629SBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	232534		
111	102.4		82.6	123.8
192	22.9		18.1	27.1

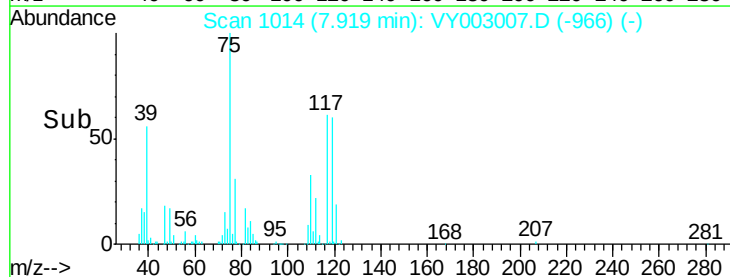
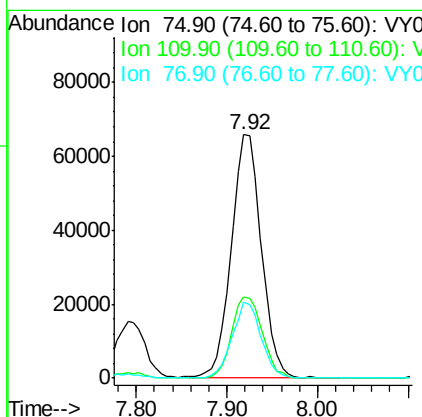
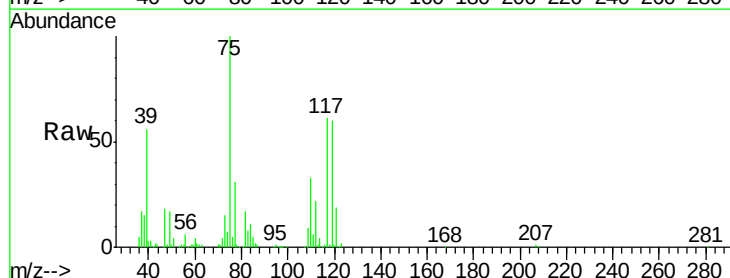
Manual Integrations
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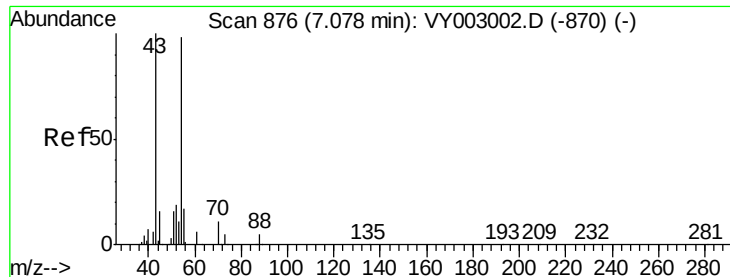
MMDadoda
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#36
 1,1-Dichloropropene
 Concen: 21.632 ug/l
 RT: 7.92 min Scan# 1014
 Delta R.T. -0.01 min
 Lab File: VY003007.D
 Acq: 29 Jun 2020 15:32

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	151573		
110	34.3		17.1	51.2
77	30.3		24.9	37.3





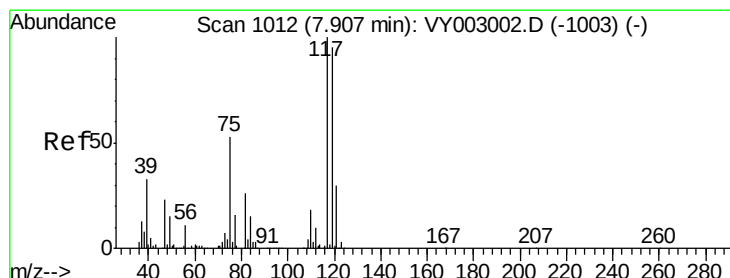
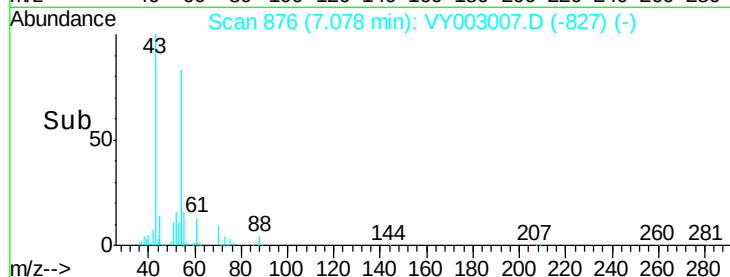
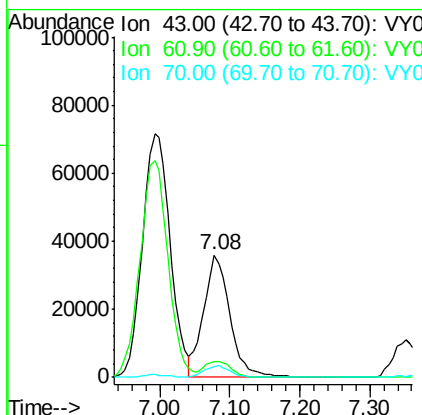
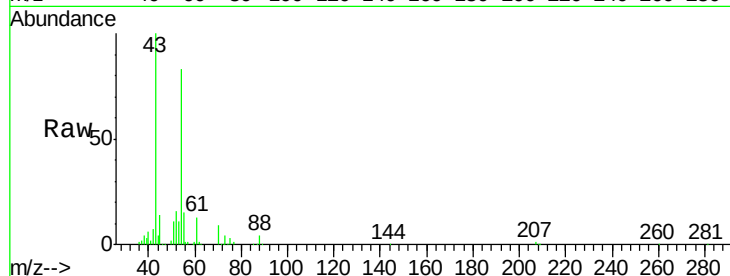
#37
Ethyl Acetate
Concen: 22.165 ug/l
RT: 7.08 min Scan# 876
Delta R.T. -0.00 min
Lab File: VY003007.D
Acq: 29 Jun 2020 15:32

Instrument :
MSVOA_Y
ClientSampleId :
VY0629SBS01

Tot Ion	43	Resp	93380
Ion Ratio	Lower	Upper	
43	100		
61	13.6	10.4	15.6
70	9.6	7.7	11.5

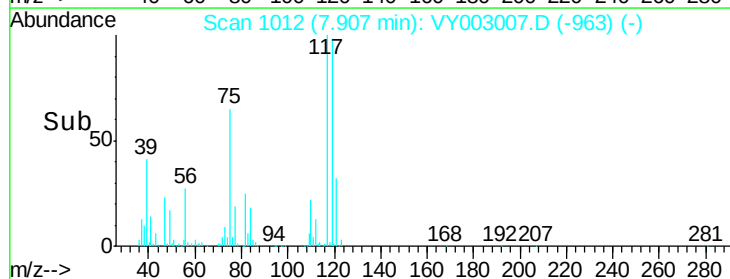
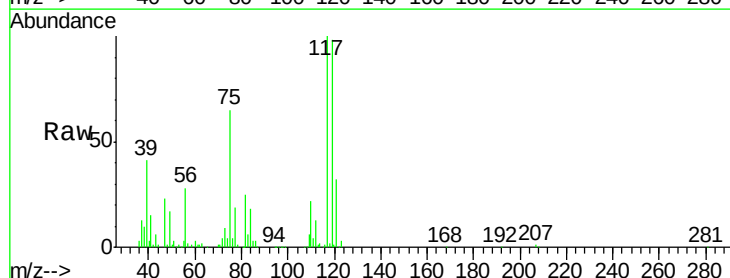
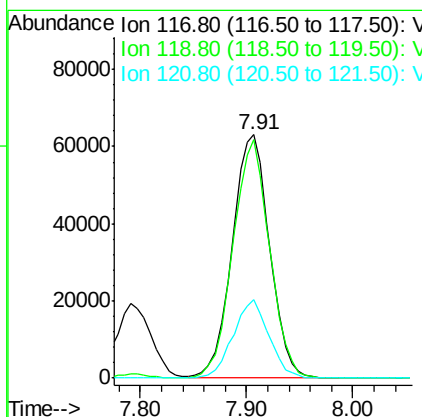
Manual Integrations
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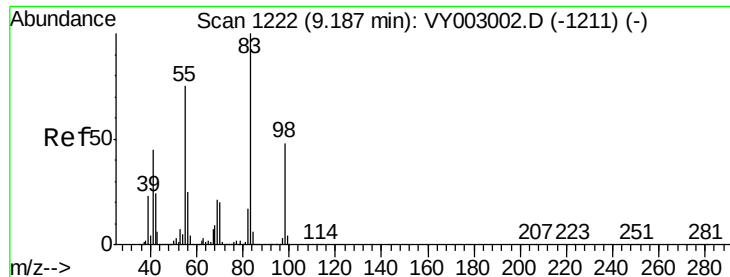
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#38
Carbon Tetrachloride
Concen: 21.228 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VY003007.D
Acq: 29 Jun 2020 15:32

Tgt Ion	117	Resp	154756
Ion Ratio	Lower	Upper	
117	100		
119	98.0	75.7	113.5
121	32.1	23.9	35.9





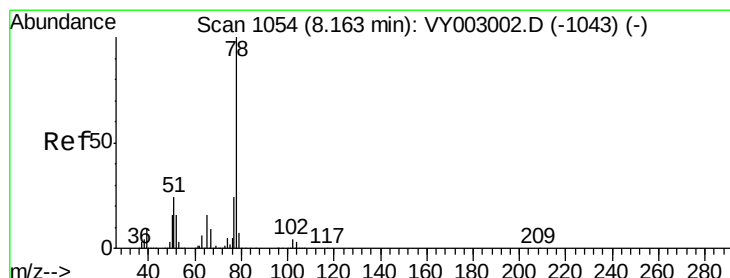
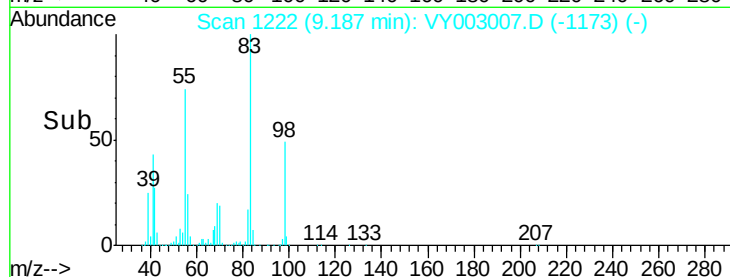
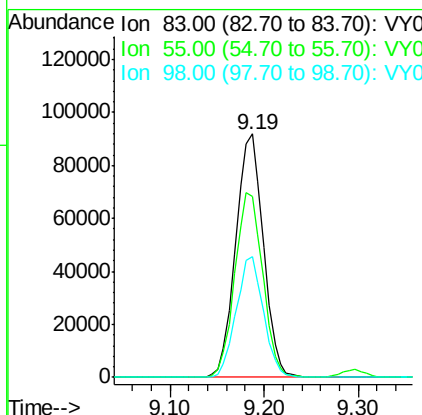
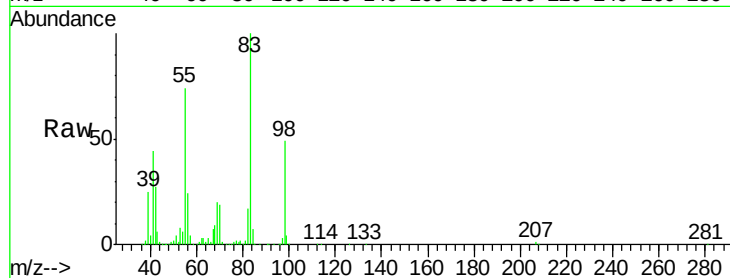
#39
Methylvlcyclohexane
Concen: 21.598 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY003007.D
Acq: 29 Jun 2020 15:32

Instrument :
MSVOA_Y
ClientSampleId :
VY0629SBS01

Tot Ion	Ratio	Resp	Lower	Upper
83	100	187636		
55	74.5	59.9	89.9	
98	49.5	38.7	58.1	

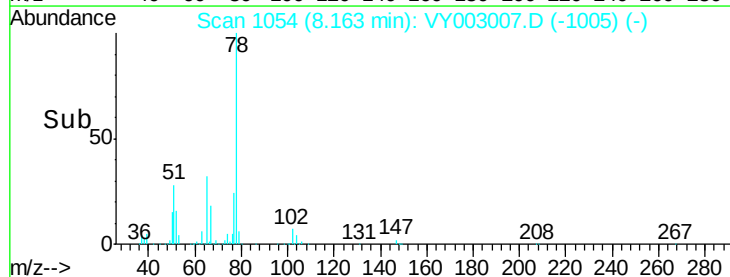
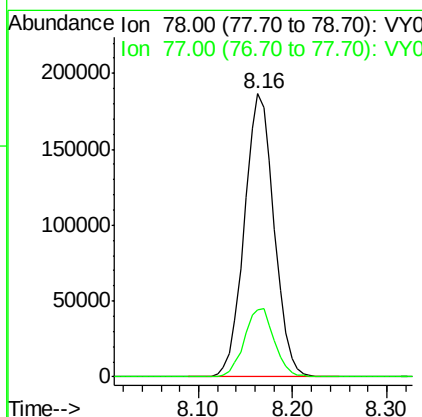
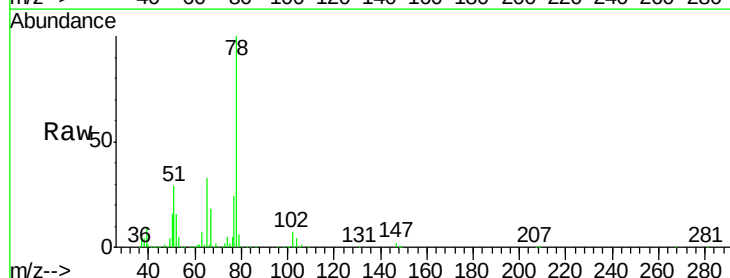
Manual Integrations
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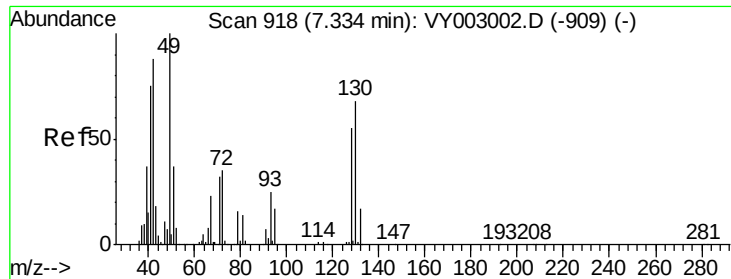
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#40
Benzene
Concen: 21.482 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VY003007.D
Acq: 29 Jun 2020 15:32

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	412085		
77	23.8	19.2	28.8	





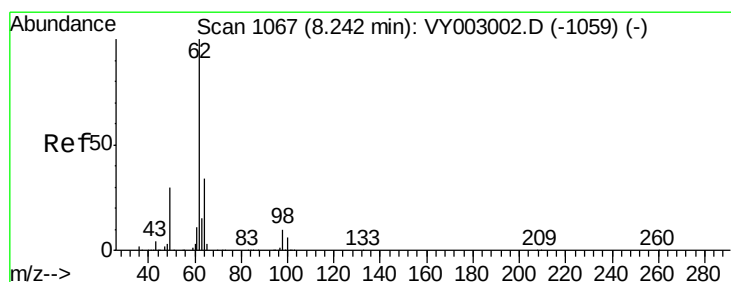
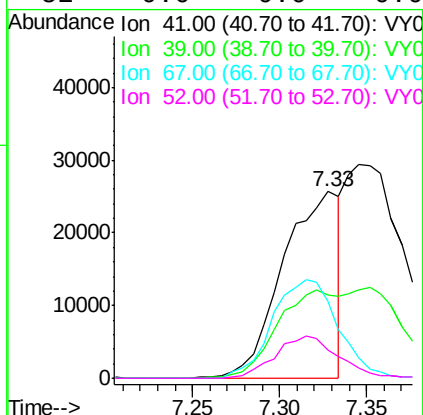
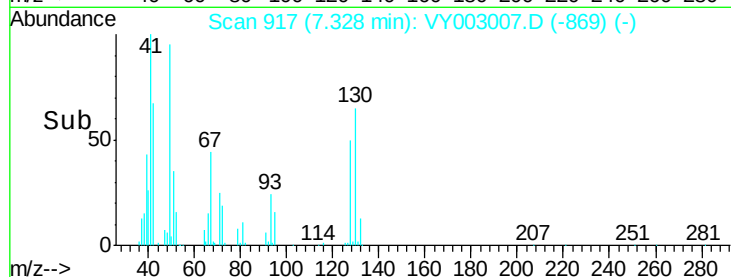
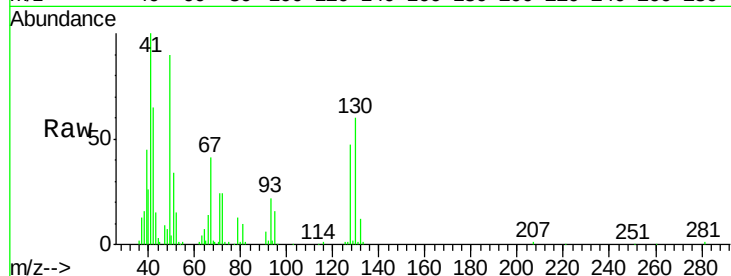
#41
Methacrylonitrile
Concen: 25.989 ug/l m
RT: 7.33 min Scan# 917
Delta R.T. -0.01 min
Lab File: VY003007.D
Acq: 29 Jun 2020 15:32

Instrument :
MSVOA_Y
ClientSampleId :
VY0629SBS01

Tot Ion	41	Resp	58486
Ion	Ratio	Lower	Upper
41	100		
39	0.0	85.7	128.5#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

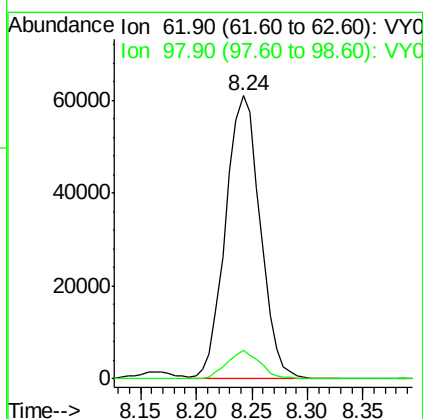
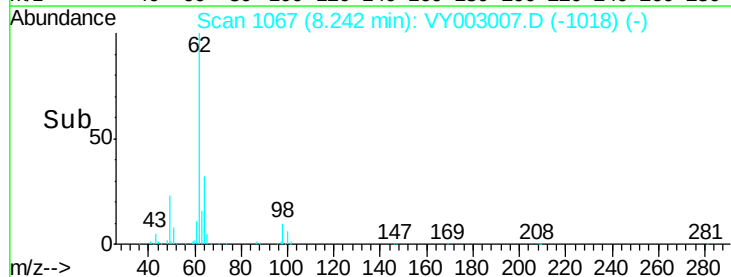
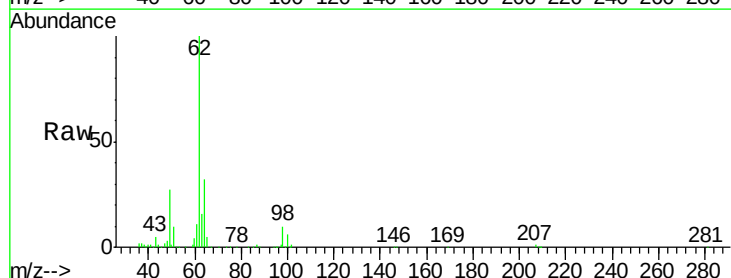
Manual Integrations
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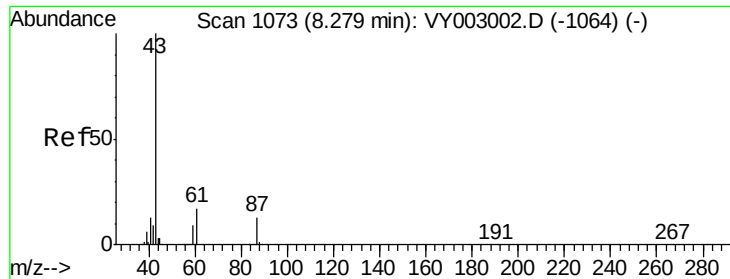
MMDadoda
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#42
1,2-Dichloroethane
Concen: 21.719 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.00 min
Lab File: VY003007.D
Acq: 29 Jun 2020 15:32

Tgt Ion	62	Resp	131802
Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	19.2





#43

Isopropyl Acetate

Concen: 21.260 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. -0.00 min

Lab File: VY003007.D

Acq: 29 Jun 2020 15:32

Instrument :

MSVOA_Y

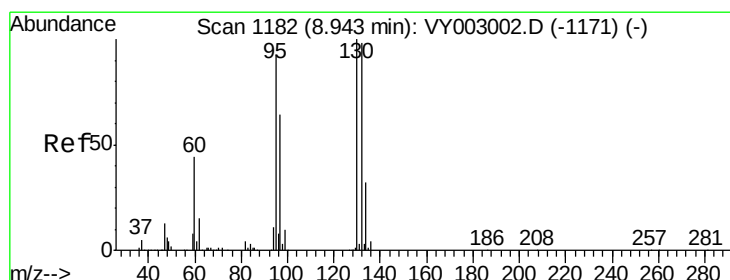
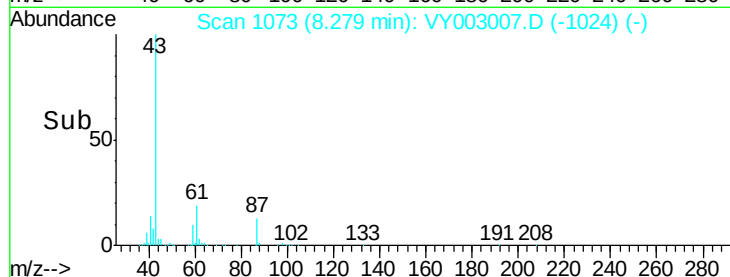
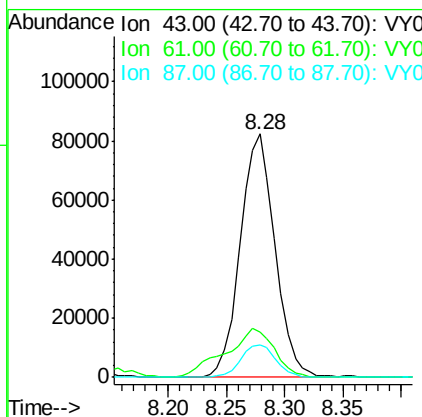
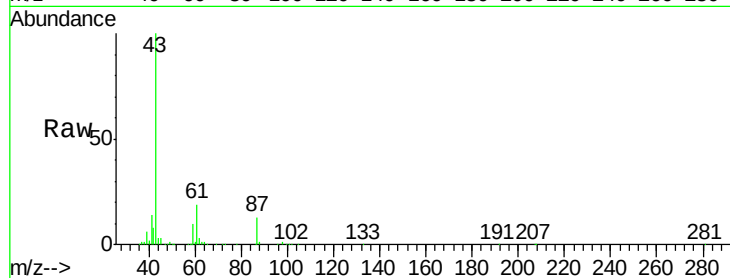
ClientSampleId :

VY0629SBS01

Tot Ion:	43	Resp:	170268
Ion	Ratio	Lower	Upper
43	100		
61	28.6	21.8	32.6
87	13.6	10.1	15.1

Manual Integrations
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#44

Trichloroethene

Concen: 21.805 ug/l

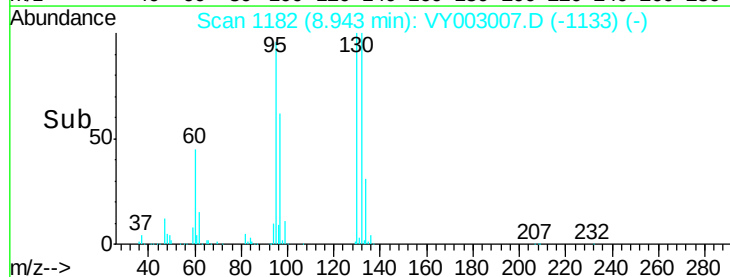
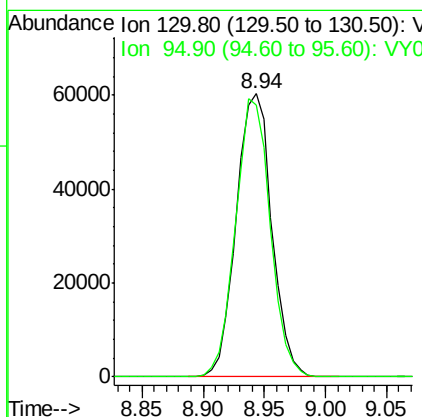
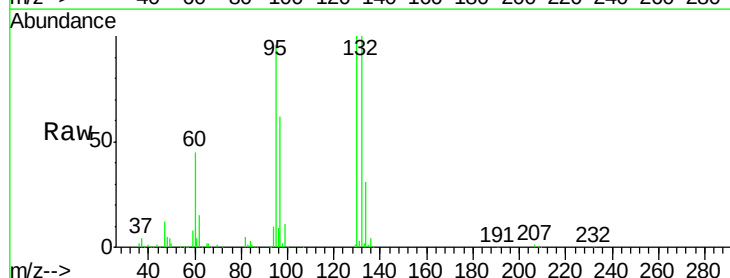
RT: 8.94 min Scan# 1182

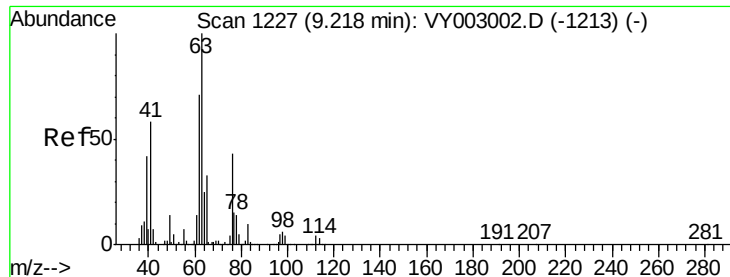
Delta R.T. -0.00 min

Lab File: VY003007.D

Acq: 29 Jun 2020 15:32

Tgt Ion:	130	Resp:	121578
Ion	Ratio	Lower	Upper
130	100		
95	95.8	0.0	186.4





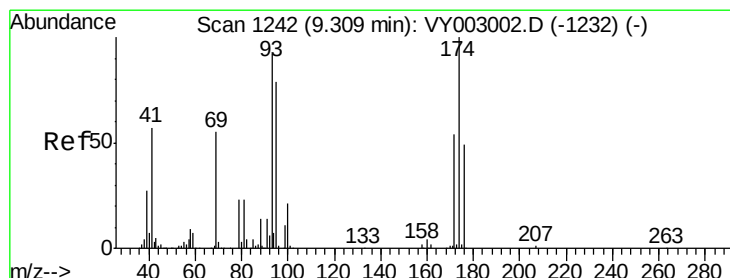
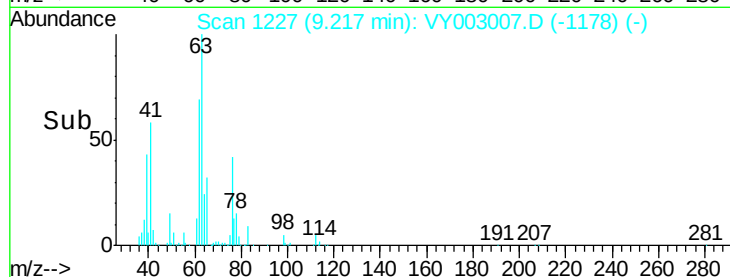
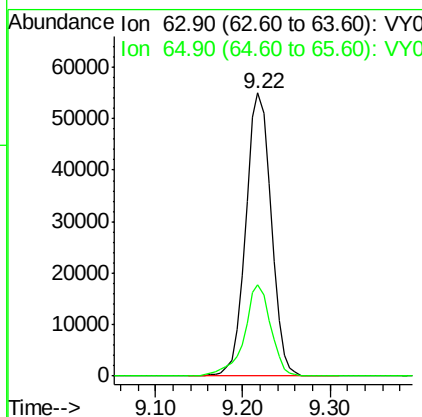
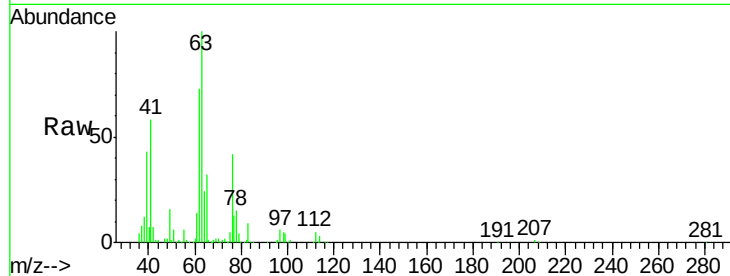
#45
 1,2-Dichloropropane
 Concen: 21.410 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. -0.00 min
 Lab File: VY003007.D
 Acq: 29 Jun 2020 15:32

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0629SBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.2	26.2	39.4

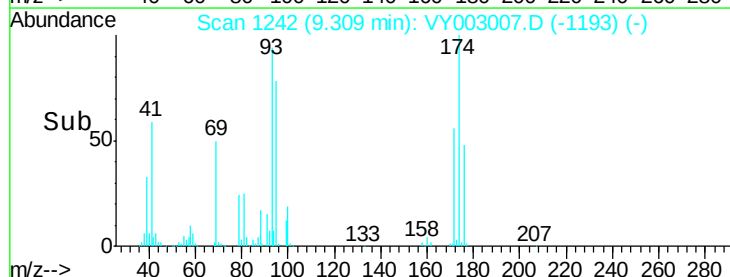
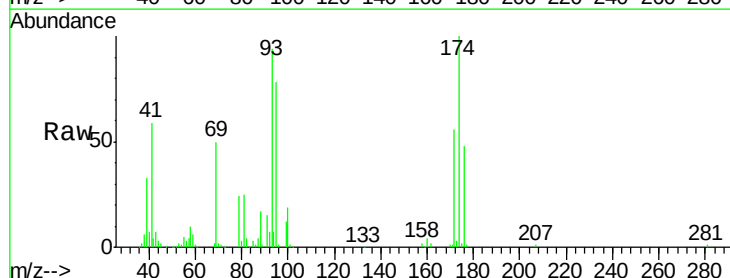
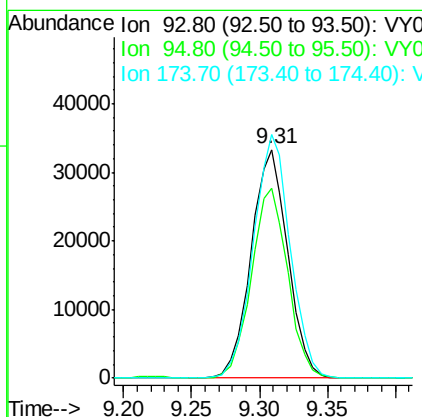
Manual Integrations
 APPROVED

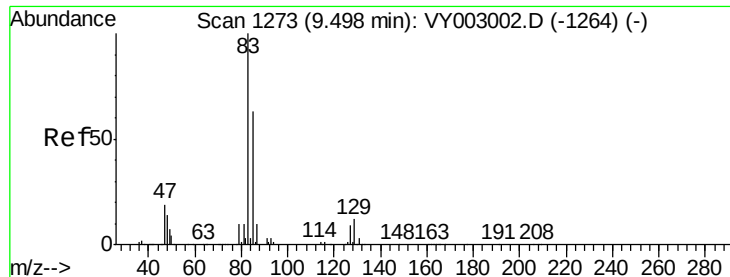
MMDadoda
 6/30/2020 12:54:14 PM



#46
 Dibromomethane
 Concen: 21.833 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.00 min
 Lab File: VY003007.D
 Acq: 29 Jun 2020 15:32

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.6	67.6	101.4
174	107.3	88.3	132.5





#47

Bromodichloromethane

Concen: 21.467 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.00 min

Lab File: VY003007.D

Acq: 29 Jun 2020 15:32

Instrument :

MSVOA_Y

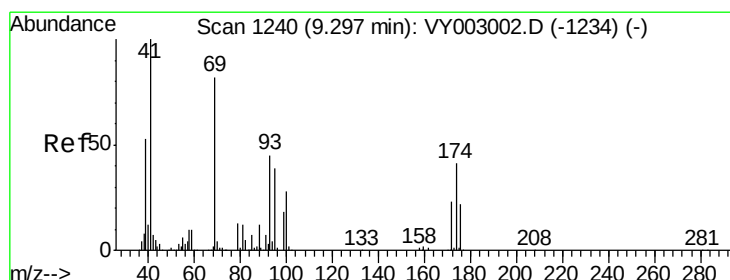
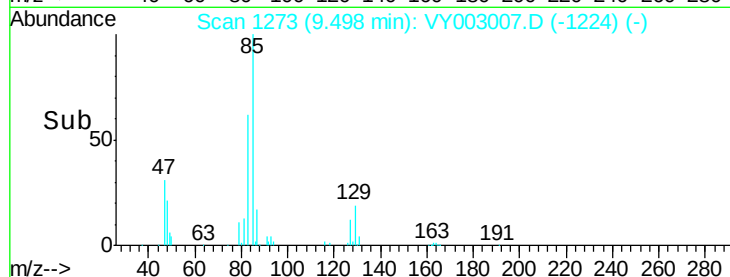
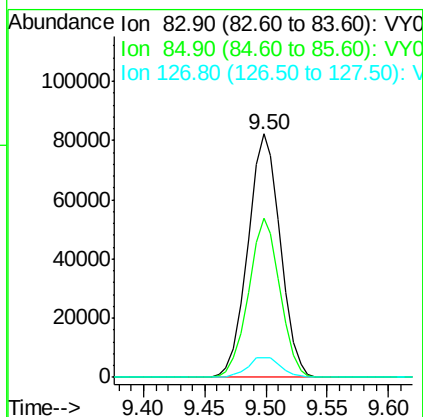
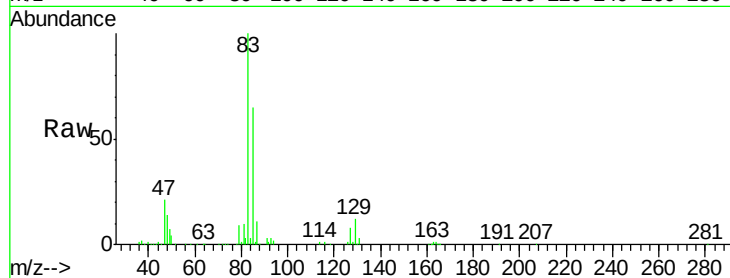
ClientSampleId :

VY0629SBS01

Tot Ion:	83	Resp:	151516
Ion	Ratio	Lower	Upper
83	100		
85	65.5	50.5	75.7
127	8.1	7.0	10.4

Manual Integrations
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MMDadoda
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#48

Methyl methacrylate

Concen: 21.372 ug/l

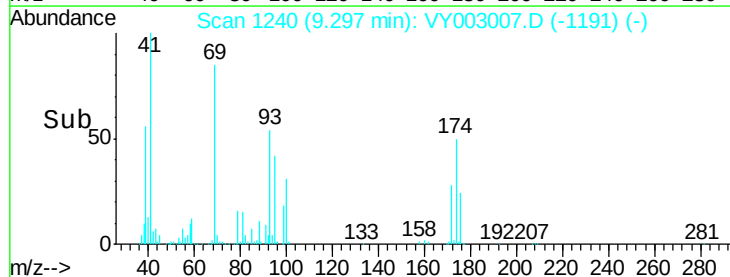
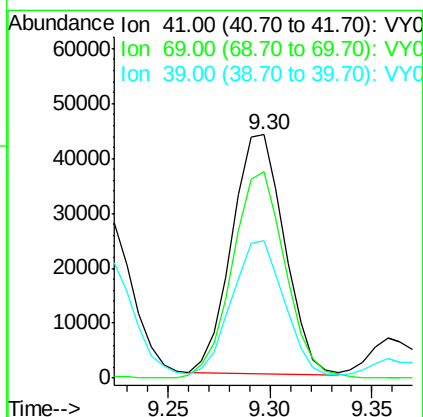
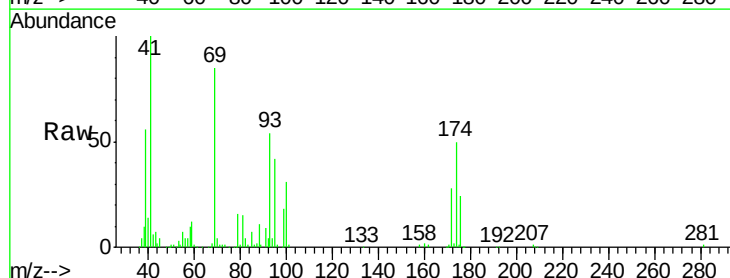
RT: 9.30 min Scan# 1240

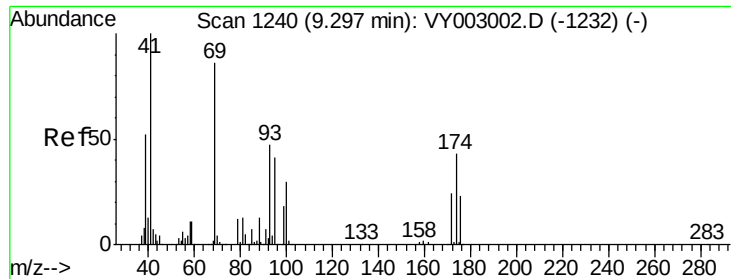
Delta R.T. -0.00 min

Lab File: VY003007.D

Acq: 29 Jun 2020 15:32

Tgt Ion:	41	Resp:	77910
Ion	Ratio	Lower	Upper
41	100		
69	87.3	67.7	101.5
39	58.4	45.0	67.4





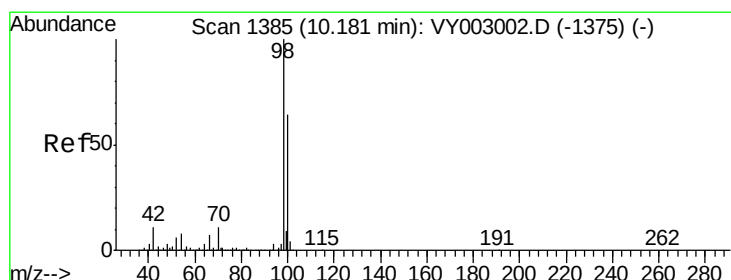
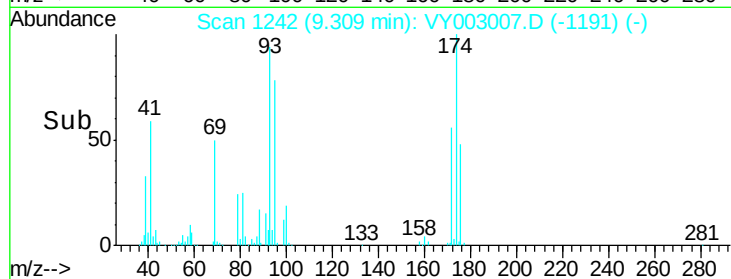
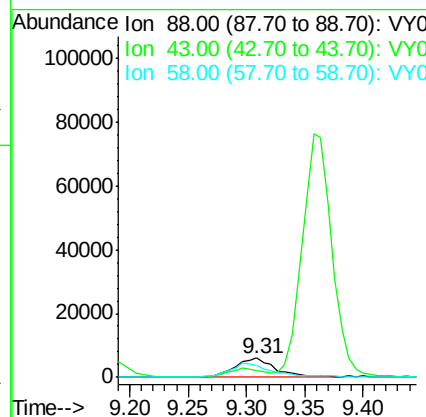
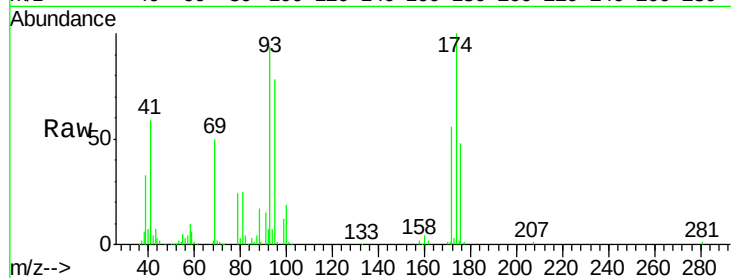
#49
1,4-Dioxane
Concen: 433.554 ug/l
RT: 9.31 min Scan# 1242
Delta R.T. 0.01 min
Lab File: VY003007.D
Acq: 29 Jun 2020 15:32

Instrument :
MSVOA_Y
ClientSampleId :
VY0629SBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	38.3	28.6	42.8
58	68.4	56.7	85.1

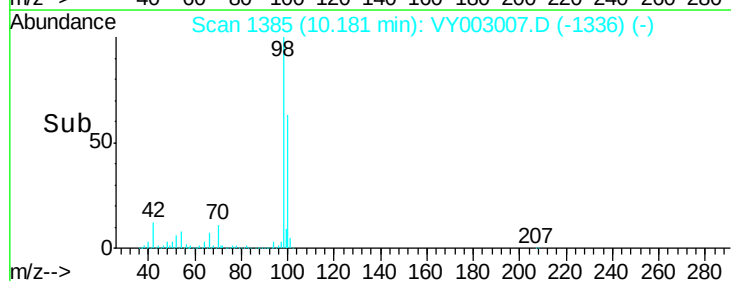
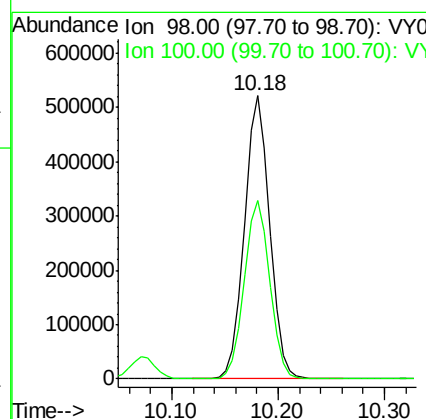
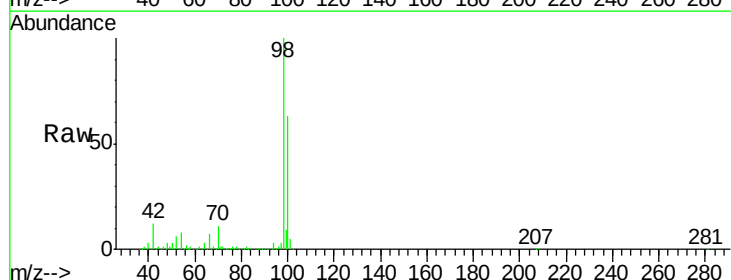
Manual Integrations
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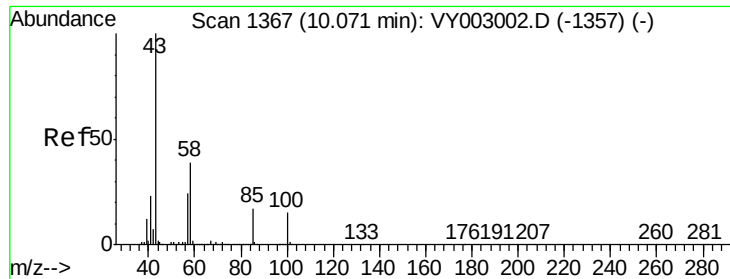
MMDadoda
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#50
Toluene-d8
Concen: 51.423 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY003007.D
Acq: 29 Jun 2020 15:32

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.8	51.1	76.7





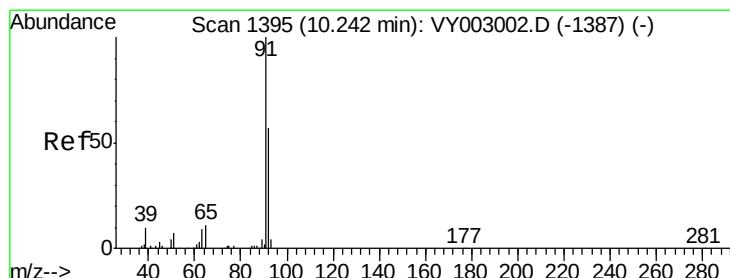
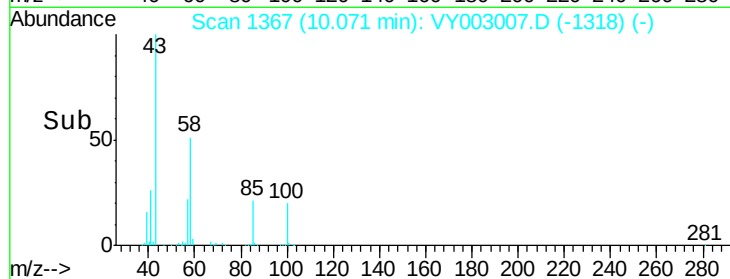
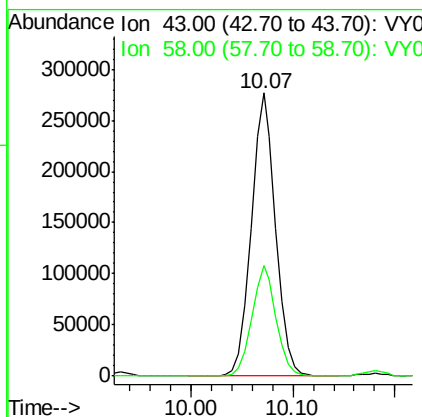
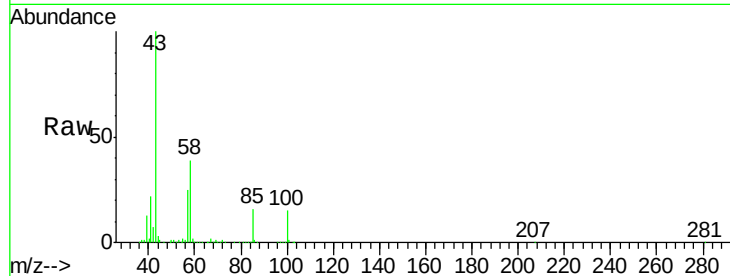
#51
4-Methyl-2-Pentanone
Concen: 110.337 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VY003007.D
Acq: 29 Jun 2020 15:32

Instrument :
MSVOA_Y
ClientSampleId :
VY0629SBS01

Tot Ion	43	Resp	456737
Ion Ratio	Lower	Upper	
43	100		
58	38.9	31.1	46.7

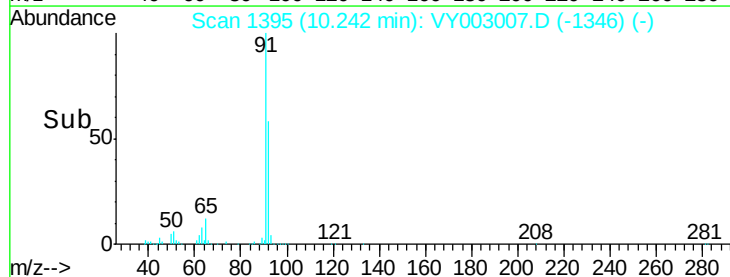
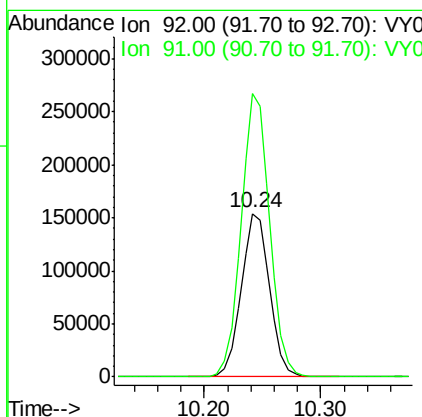
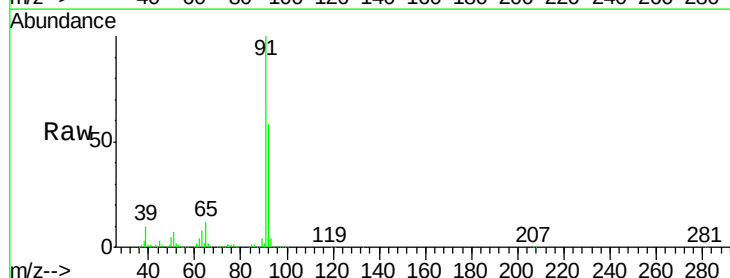
Manual Integrations
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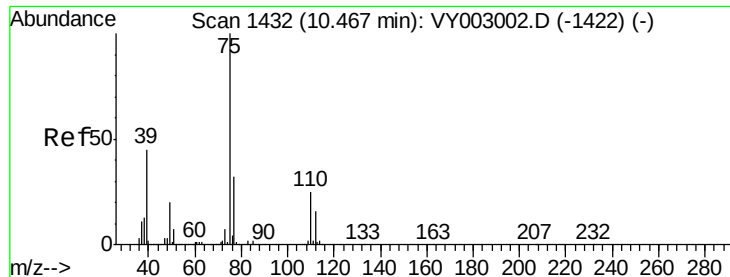
MMDadoda
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#52
Toluene
Concen: 21.565 ug/l
RT: 10.24 min Scan# 1395
Delta R.T. -0.00 min
Lab File: VY003007.D
Acq: 29 Jun 2020 15:32

Tgt Ion	92	Resp	260407
Ion Ratio	Lower	Upper	
92	100		
91	174.8	139.6	209.4





#53

t-1,3-Dichloropropene

Concen: 21.428 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VY003007.D

Acq: 29 Jun 2020 15:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0629SBS01

Tot Ion: 75 Resp: 158563

Ion Ratio Lower Upper

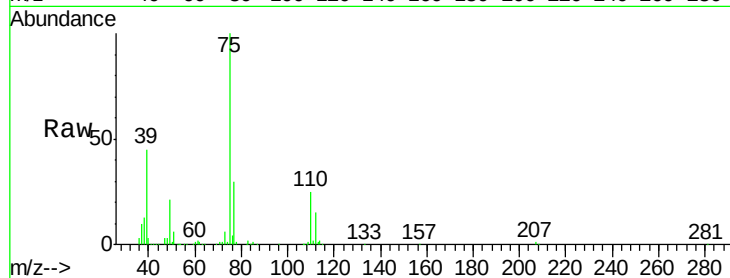
75 100

77 29.5 25.9 38.9

Manual Integrations
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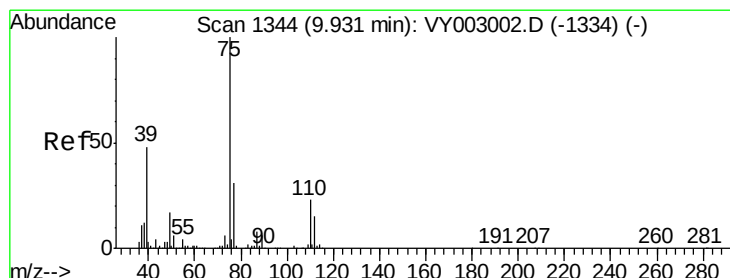
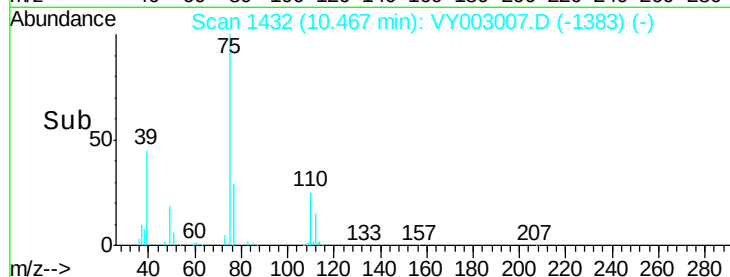
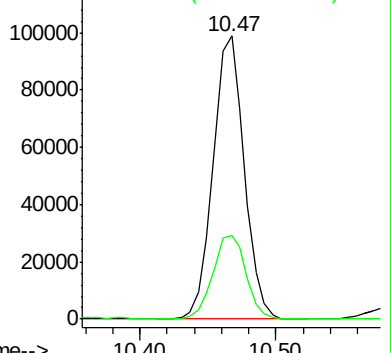
MMDadoda

6/30/2020 12:54:14 PM



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0



#54

cis-1,3-Dichloropropene

Concen: 21.182 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.00 min

Lab File: VY003007.D

Acq: 29 Jun 2020 15:32

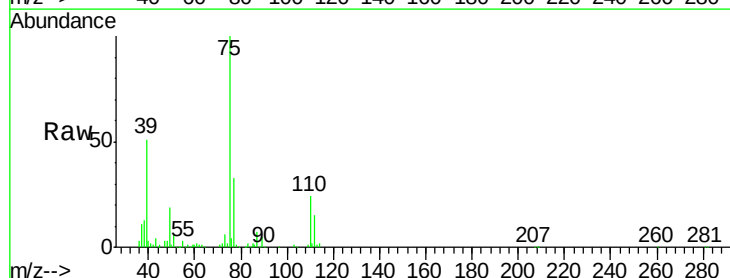
Tgt Ion: 75 Resp: 179261

Ion Ratio Lower Upper

75 100

77 33.4 24.6 37.0

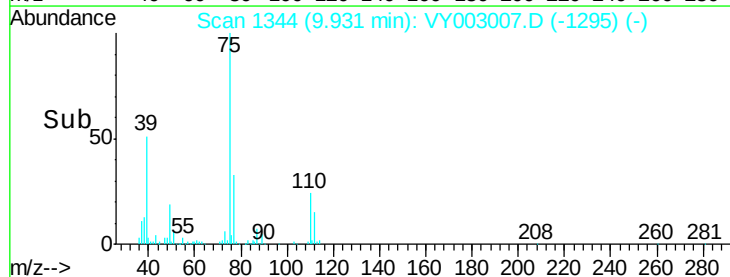
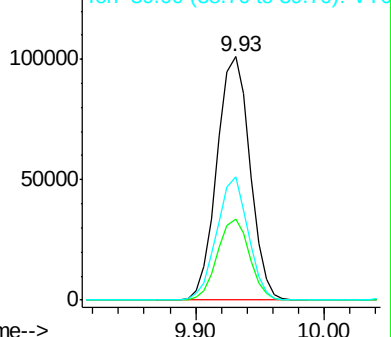
39 50.8 38.3 57.5

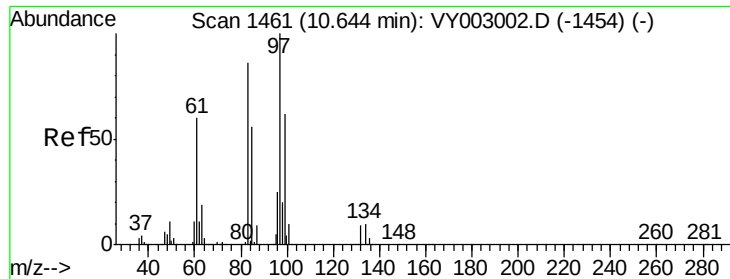


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0





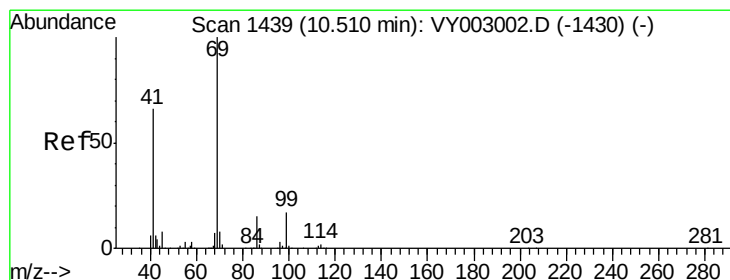
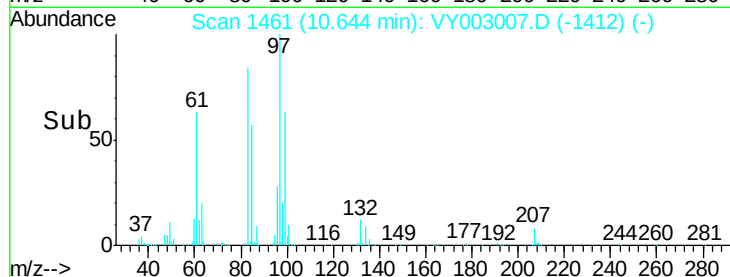
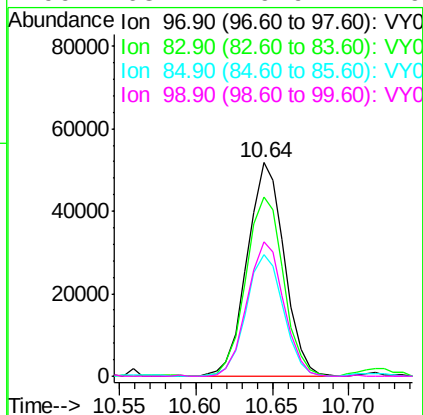
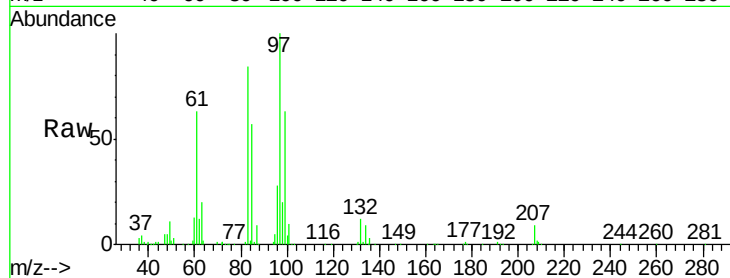
#55
 1,1,2-Trichloroethane
 Concen: 21.846 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.00 min
 Lab File: VY003007.D
 Acq: 29 Jun 2020 15:32

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0629SBS01

Tot Ion:	97	Resp:	87501
Ion	Ratio	Lower	Upper
97	100		
83	84.1	69.0	103.6
85	56.6	44.8	67.2
99	63.1	49.9	74.9

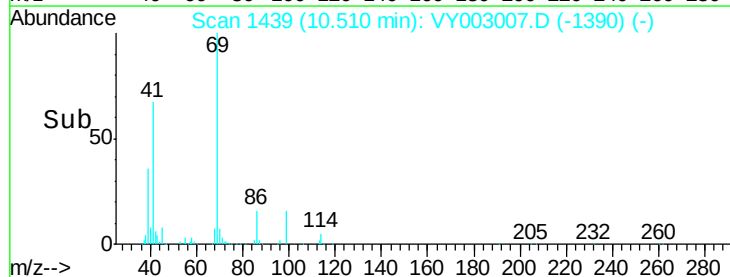
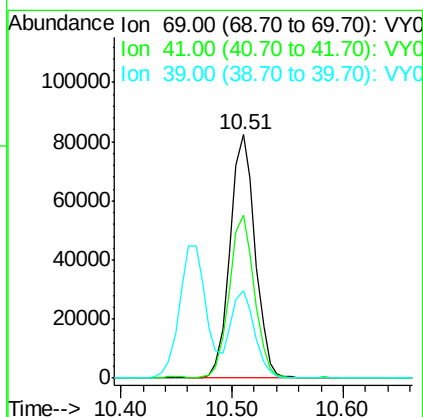
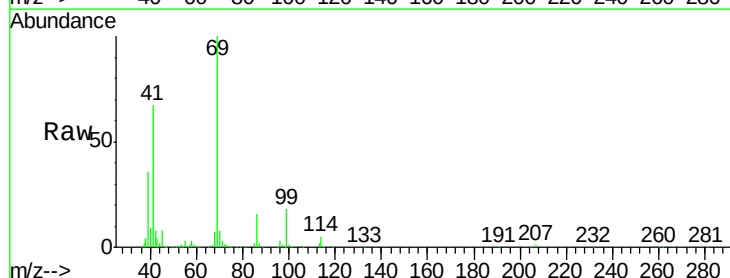
Manual Integrations
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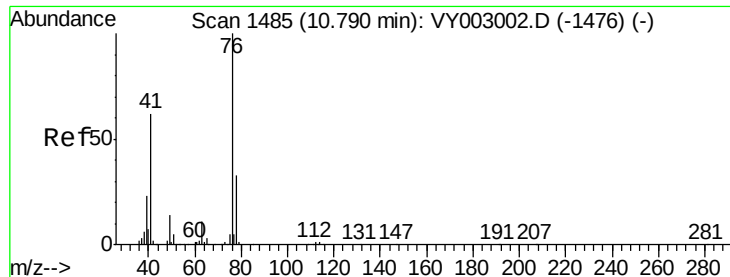
MMDadoda
 6/30/2020 12:54:14 PM



#56
 Ethyl methacrylate
 Concen: 22.113 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: VY003007.D
 Acq: 29 Jun 2020 15:32

Tgt Ion:	69	Resp:	128214
Ion	Ratio	Lower	Upper
69	100		
41	66.0	53.7	80.5
39	33.4	28.3	42.5





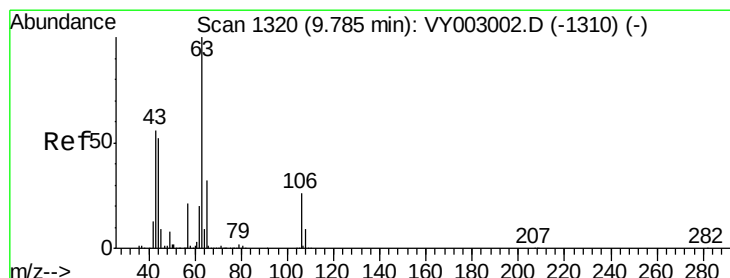
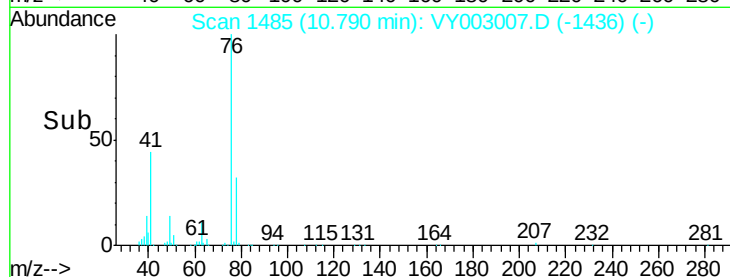
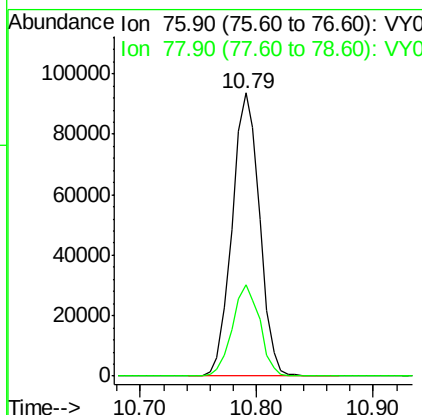
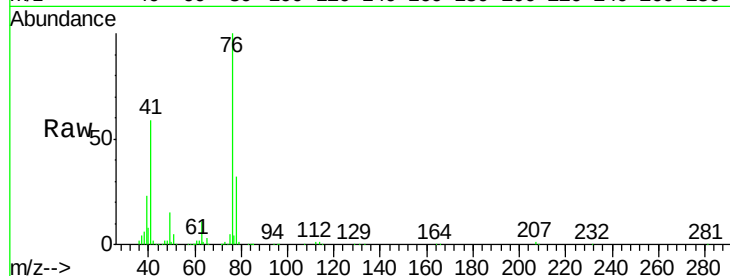
#57
 1,3-Dichloropropane
 Concen: 21.890 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. -0.00 min
 Lab File: VY003007.D
 Acq: 29 Jun 2020 15:32

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0629SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.2	26.0	39.0

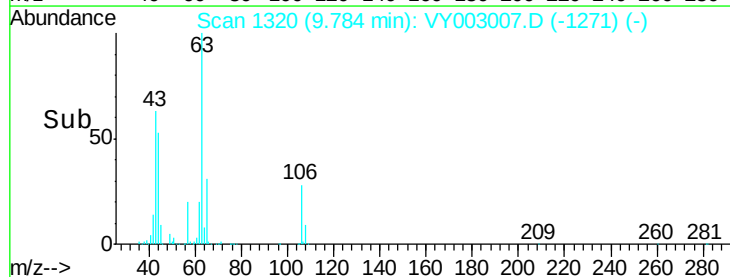
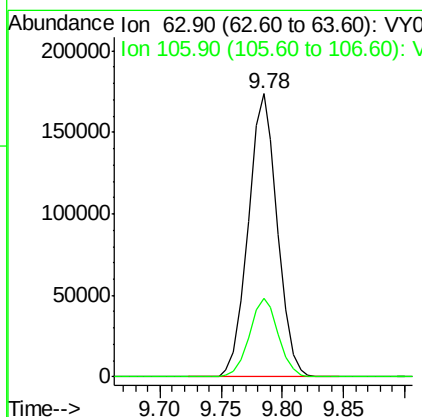
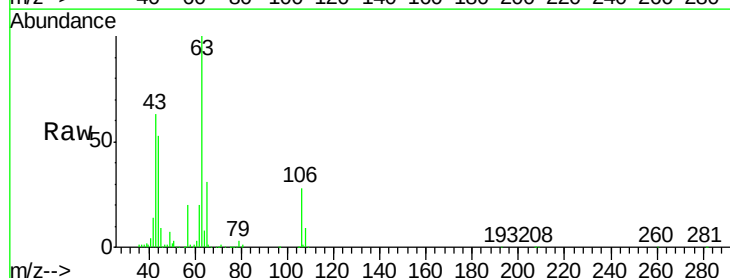
Manual Integrations
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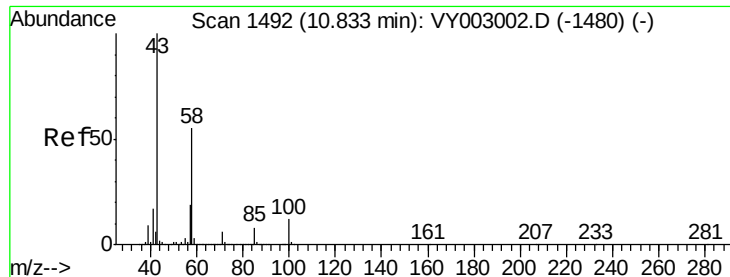
MMDadoda
 6/30/2020 12:54:14 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 96.641 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. -0.00 min
 Lab File: VY003007.D
 Acq: 29 Jun 2020 15:32

Tgt Ion	Ratio	Lower	Upper
63	100		
106	27.5	21.5	32.3





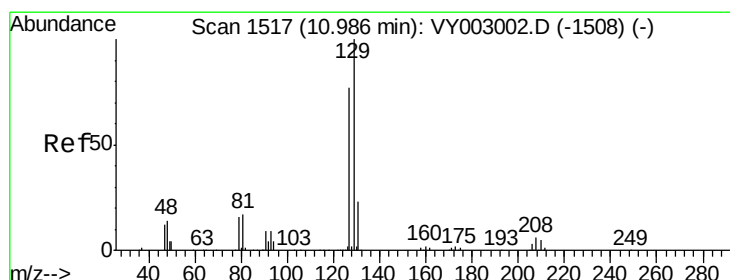
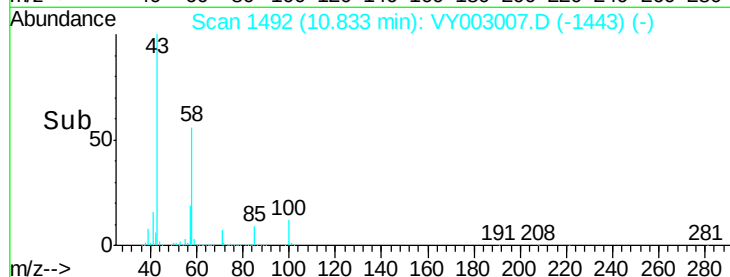
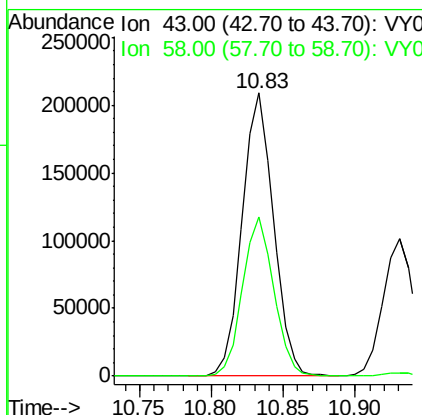
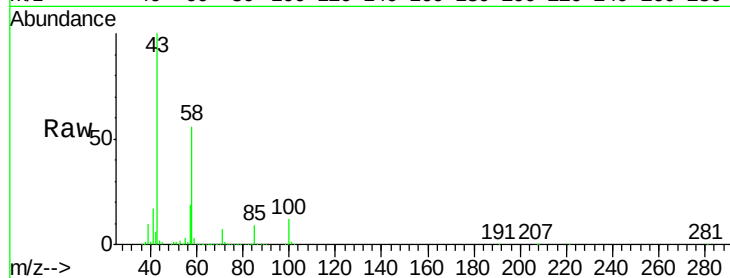
#59
2-Hexanone
Concen: 109.148 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY003007.D
Acq: 29 Jun 2020 15:32

Instrument :
MSVOA_Y
ClientSampleId :
VY0629SBS01

Tot Ion: 43 Resp: 315802
Ion Ratio Lower Upper
43 100
58 55.8 27.5 82.4

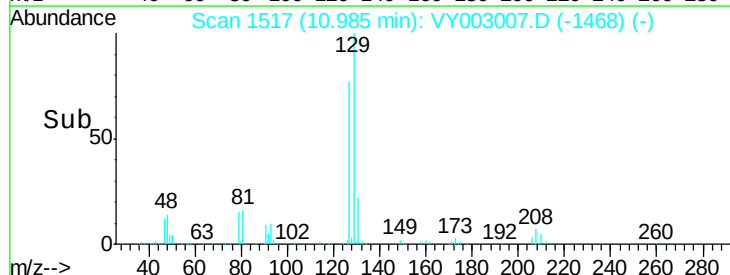
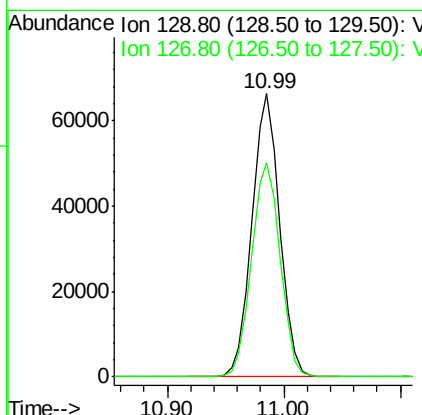
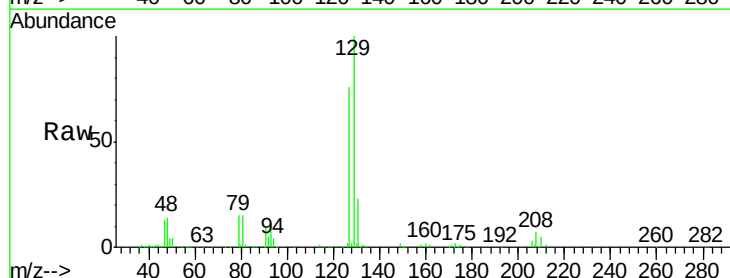
Manual Integrations
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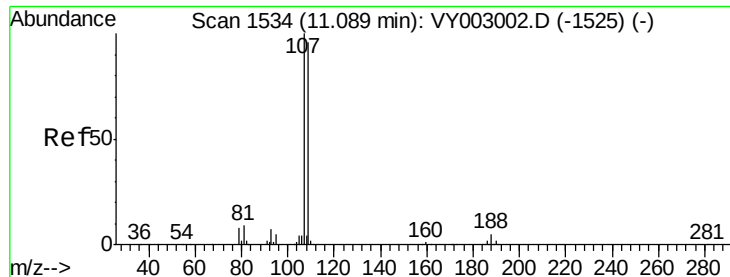
MMDadoda
6/30/2020 12:54:14 PM



#60
Dibromochloromethane
Concen: 21.549 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY003007.D
Acq: 29 Jun 2020 15:32

Tgt Ion: 129 Resp: 110455
Ion Ratio Lower Upper
129 100
127 78.0 39.1 117.3





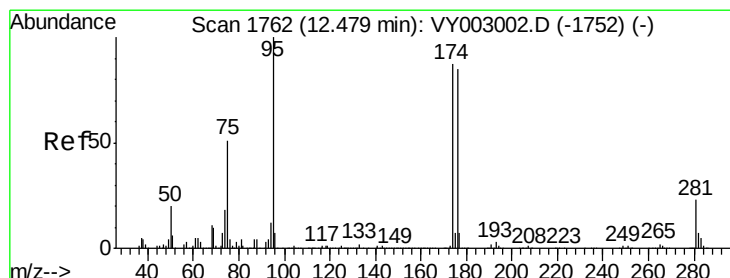
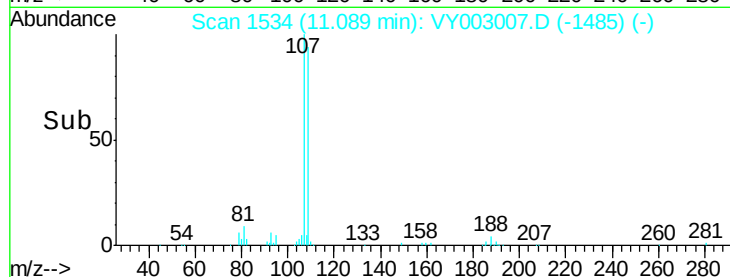
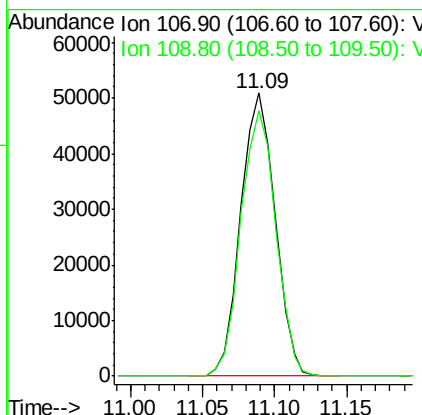
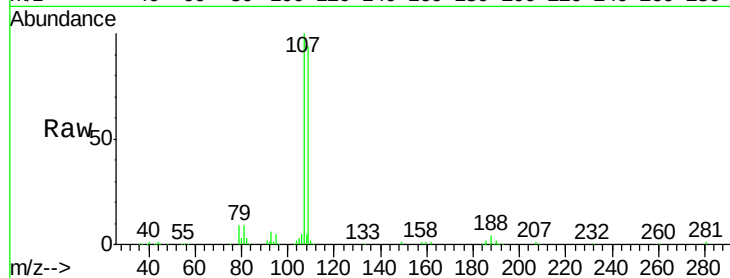
#61
 1,2-Dibromoethane
 Concen: 21.377 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VY003007.D
 Acq: 29 Jun 2020 15:32

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0629SBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.3	75.8	113.8

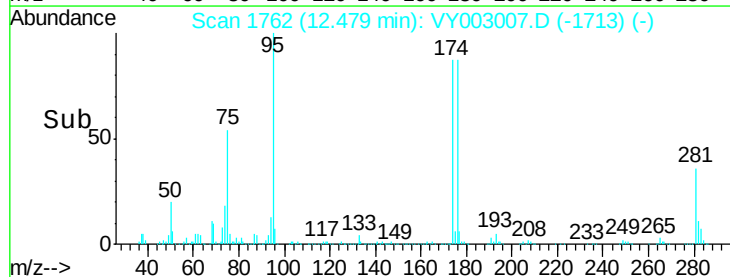
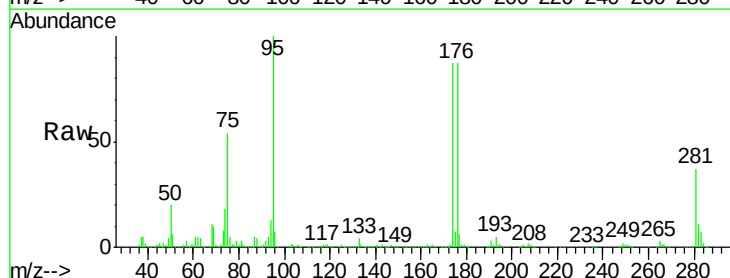
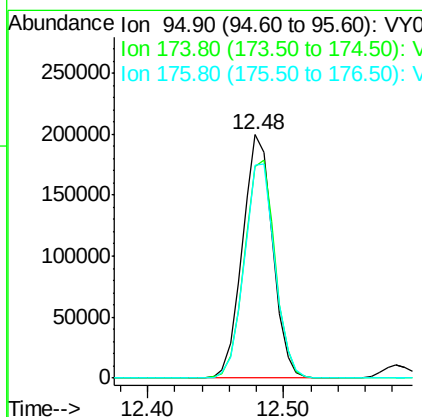
Manual Integrations
 APPROVED

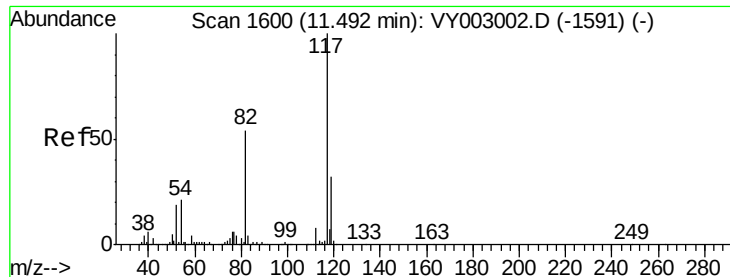
MMDadoda
 6/30/2020 12:54:14 PM



#62
 4-Bromofluorobenzene
 Concen: 51.858 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VY003007.D
 Acq: 29 Jun 2020 15:32

Tgt Ion	Ratio	Lower	Upper
95	100		
174	91.2	0.0	184.8
176	89.6	0.0	183.0





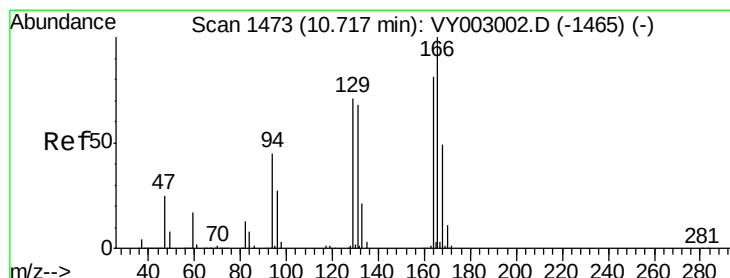
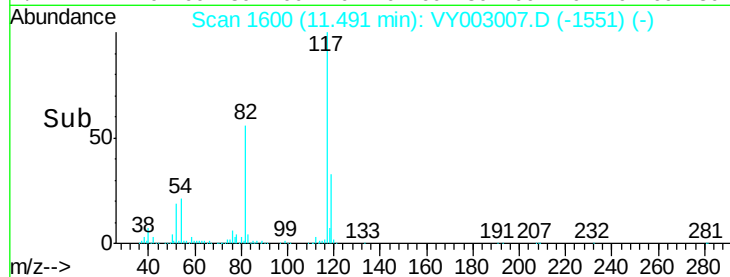
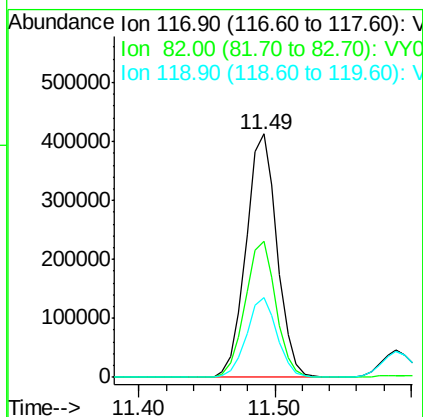
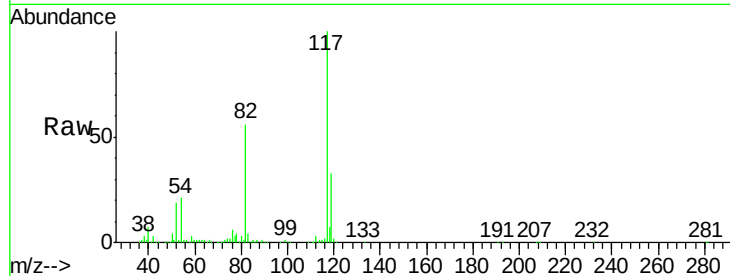
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003007.D
Acq: 29 Jun 2020 15:32

Instrument :
MSVOA_Y
ClientSampleId :
VY0629SBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	658447		
82	55.8	43.0	64.6	
119	33.0	25.8	38.8	

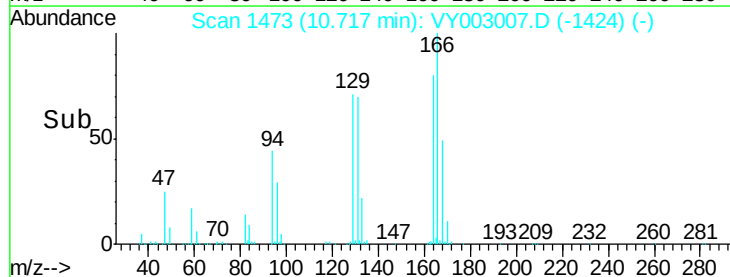
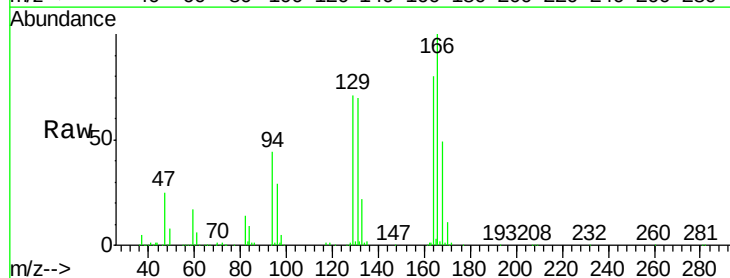
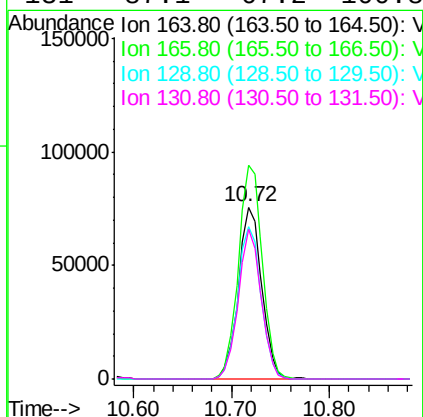
Manual Integrations
APPROVED

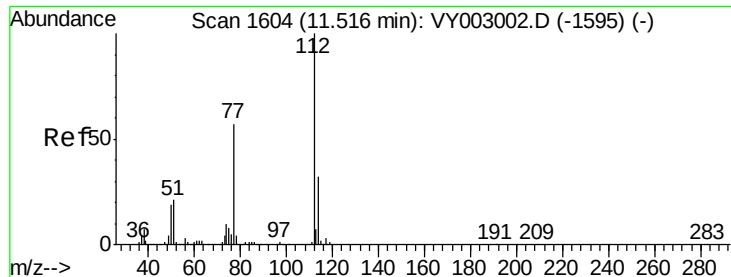
MMDadoda
6/30/2020 12:54:14 PM



#64
Tetrachloroethene
Concen: 22.514 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY003007.D
Acq: 29 Jun 2020 15:32

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	125462		
166	124.4	98.5	147.7	
129	88.9	69.7	104.5	
131	87.1	67.2	100.8	





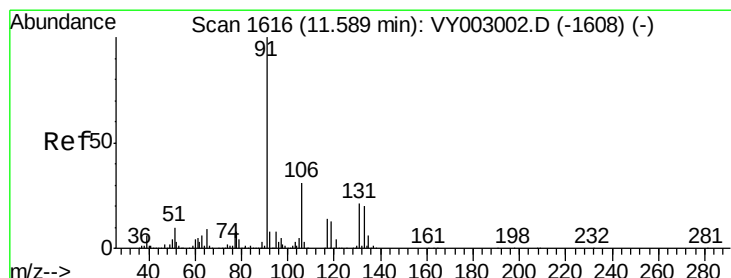
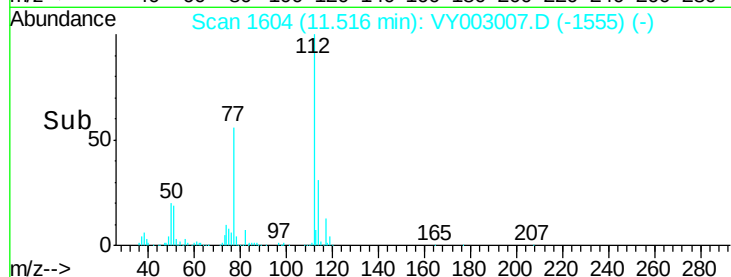
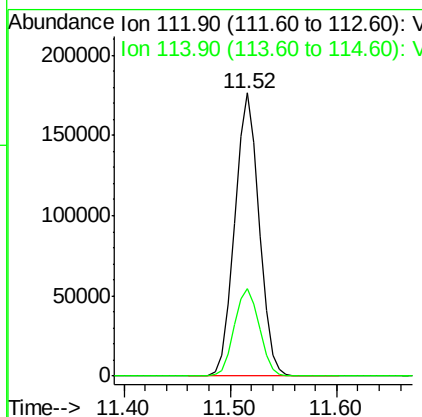
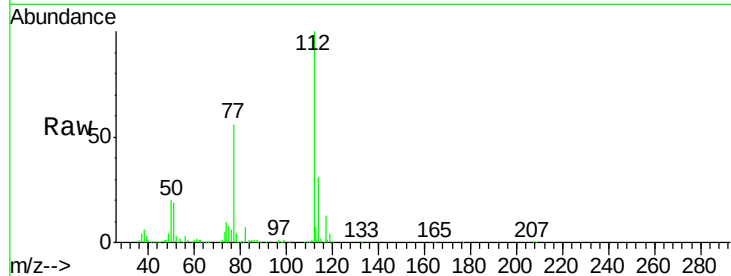
#65
Chlorobenzene
Concen: 21.876 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY003007.D
Acq: 29 Jun 2020 15:32

Instrument :
MSVOA_Y
ClientSampleId :
VY0629SBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.1	25.7	38.5

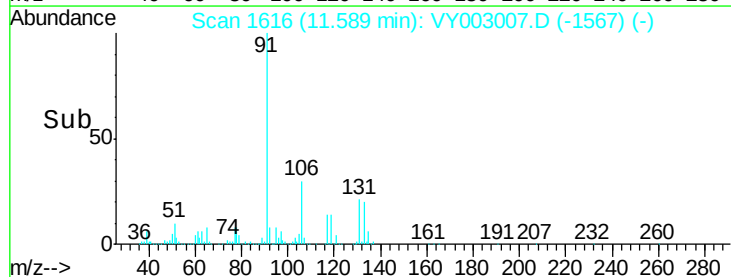
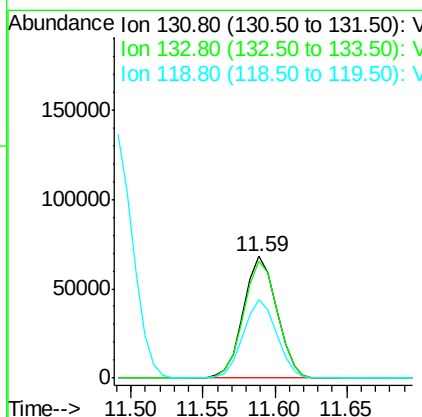
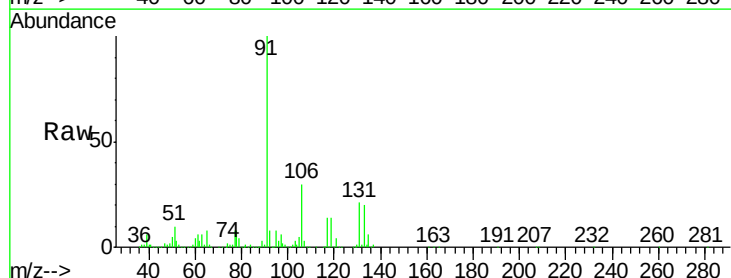
Manual Integrations
APPROVED

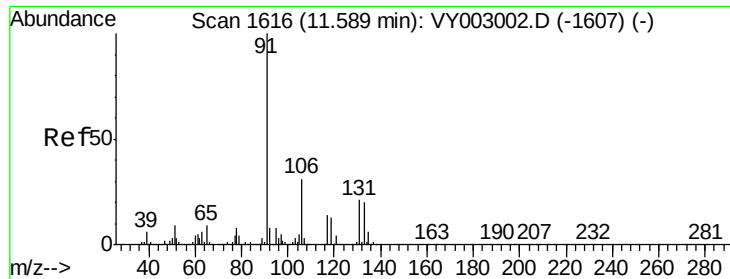
MMDadoda
6/30/2020 12:54:14 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 21.576 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY003007.D
Acq: 29 Jun 2020 15:32

Tgt Ion	Ratio	Lower	Upper
131	100		
133	97.5	47.9	143.8
119	64.2	31.8	95.3





#67

Ethyl Benzene

Concen: 21.666 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. -0.00 min

Lab File: VY003007.D

Acq: 29 Jun 2020 15:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0629SBS01

Tot Ion: 91 Resp: 514624

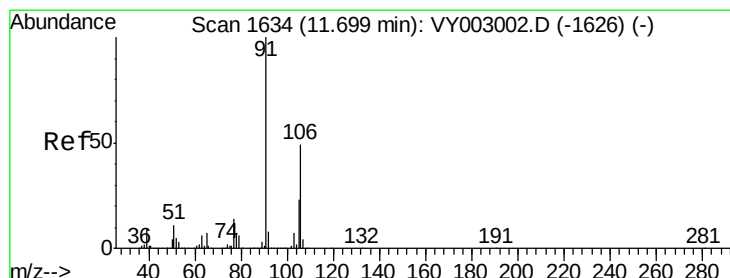
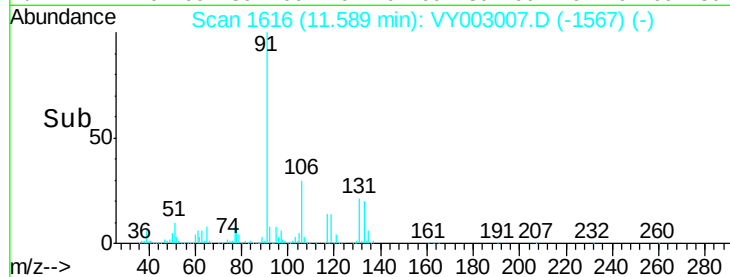
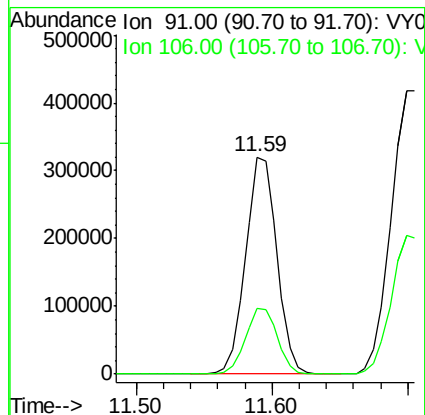
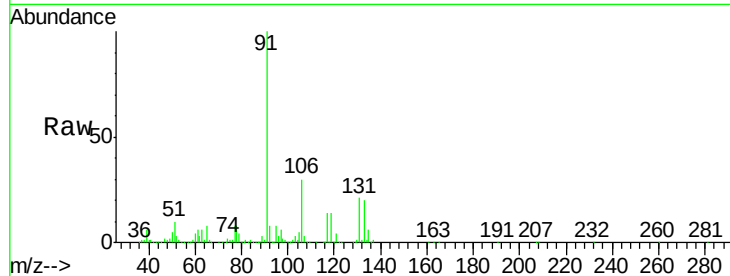
Ion Ratio Lower Upper

91 100

106 30.5 25.0 37.4

Manual Integrations
APPROVED

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#68

m/p-Xylenes

Concen: 43.231 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. -0.00 min

Lab File: VY003007.D

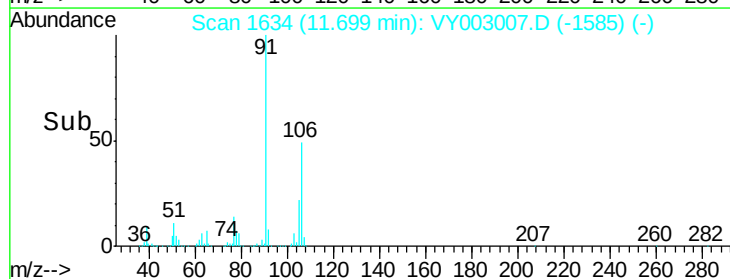
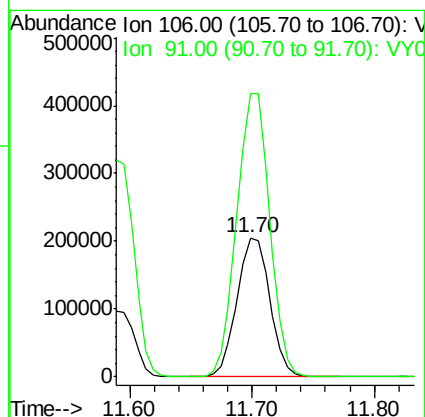
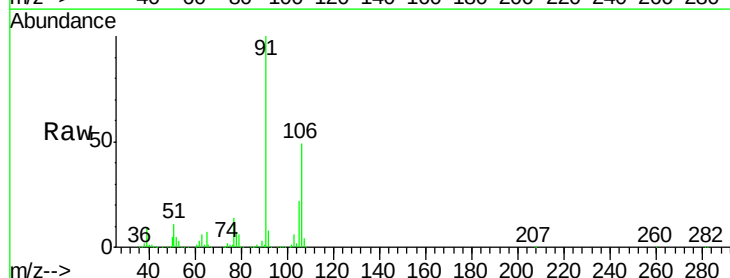
Acq: 29 Jun 2020 15:32

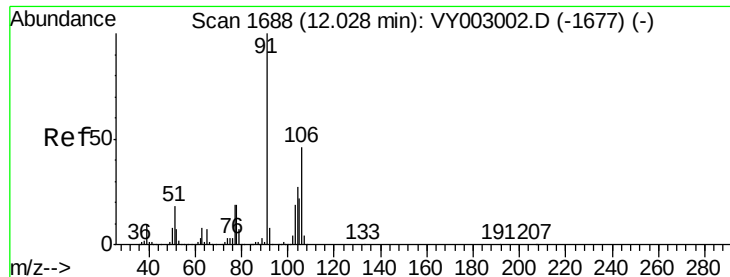
Tgt Ion: 106 Resp: 382164

Ion Ratio Lower Upper

106 100

91 204.5 161.9 242.9





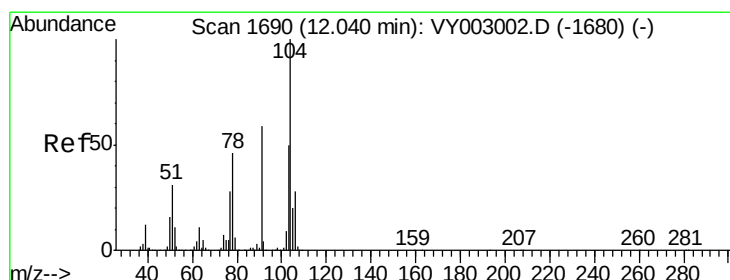
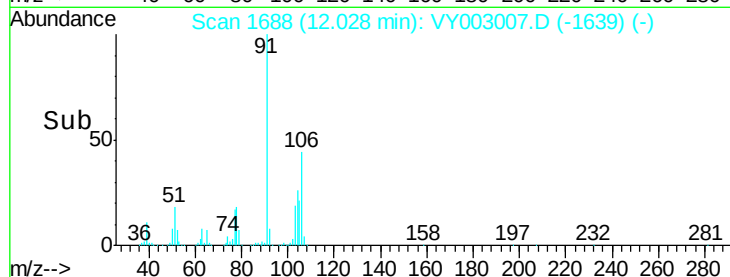
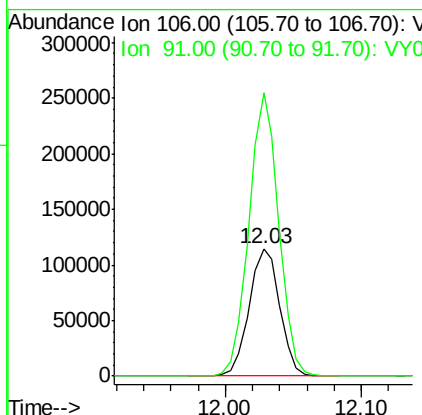
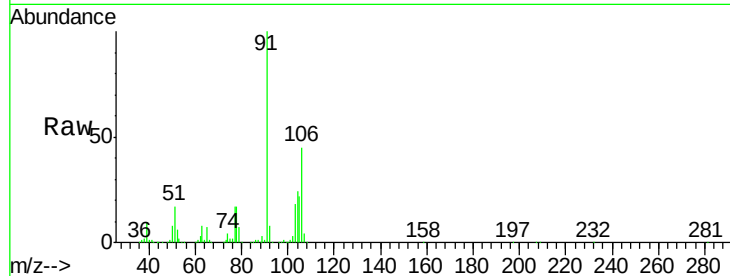
#69
o-Xylene
Concen: 21.825 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY003007.D
Acq: 29 Jun 2020 15:32

Instrument :
MSVOA_Y
ClientSampleId :
VY0629SBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		181805		
91	214.2	107.9	323.8		

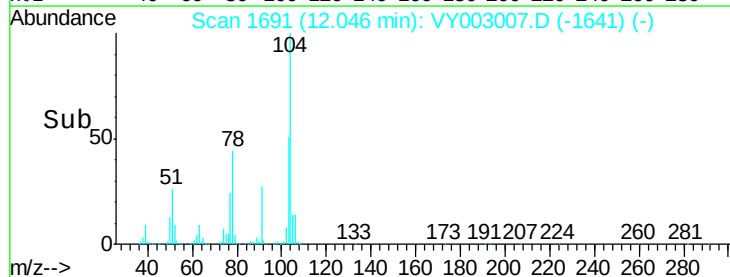
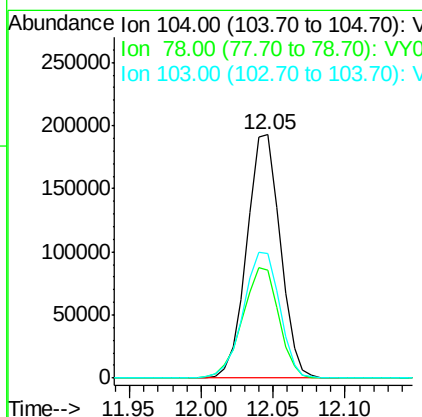
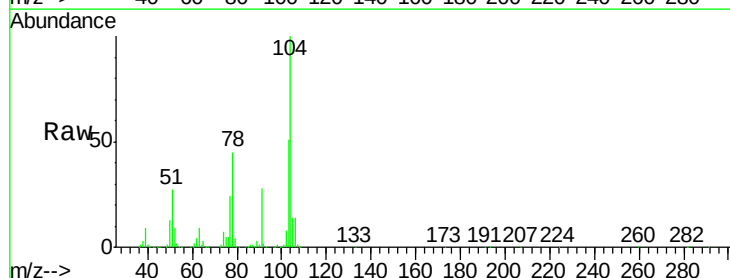
Manual Integrations
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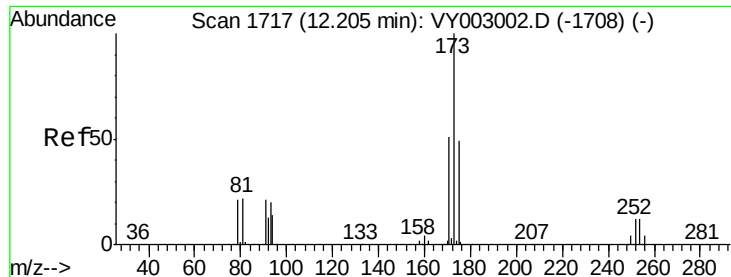
MMDadoda
6/30/2020 12:54:14 PM



#70
Styrene
Concen: 21.730 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.01 min
Lab File: VY003007.D
Acq: 29 Jun 2020 15:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		309246		
78	49.5	40.4	60.6		
103	56.2	44.1	66.1		





#71

Bromoform

Concen: 22.146 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. 0.01 min

Lab File: VY003007.D

Acq: 29 Jun 2020 15:32

Instrument :

MSVOA_Y

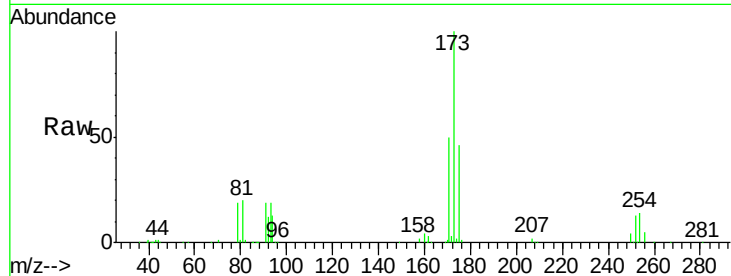
ClientSampleId :

VY0629SBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.5	24.6	73.6
254	0.1	0.2	0.2

Manual Integrations
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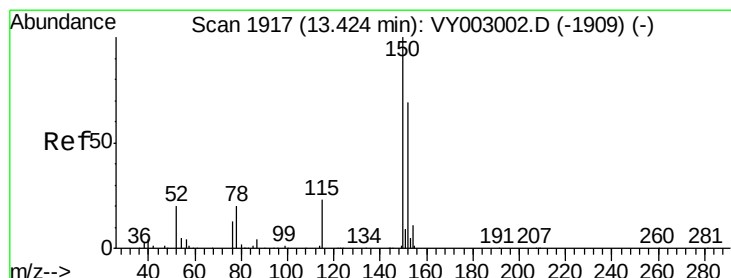
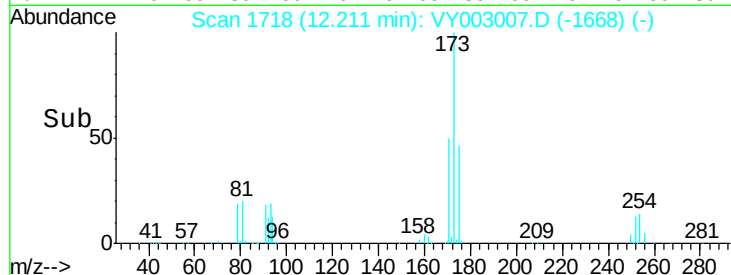
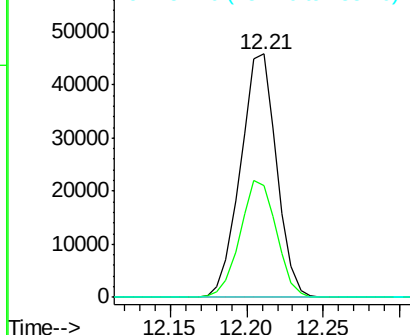


Abundance

Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

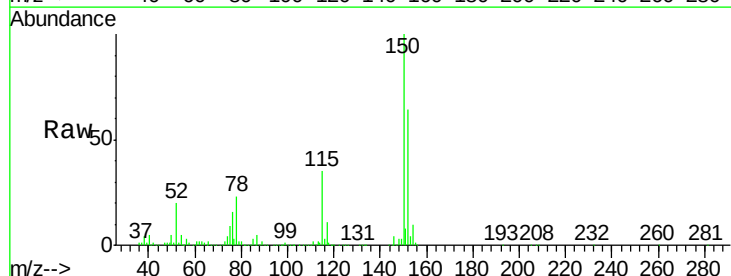
RT: 13.42 min Scan# 1917

Delta R.T. -0.00 min

Lab File: VY003007.D

Acq: 29 Jun 2020 15:32

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.2	27.3	81.9
150	163.0	0.0	343.4

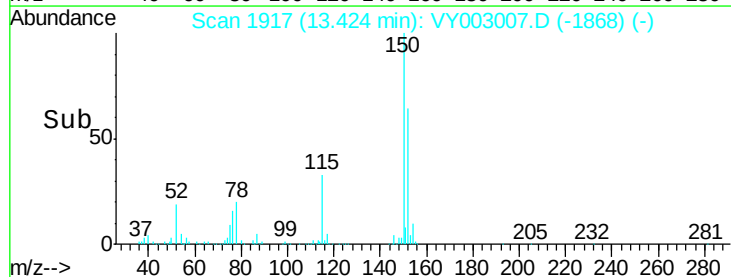
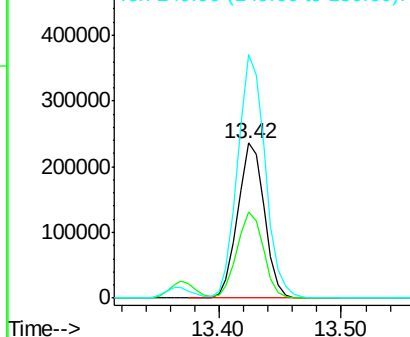


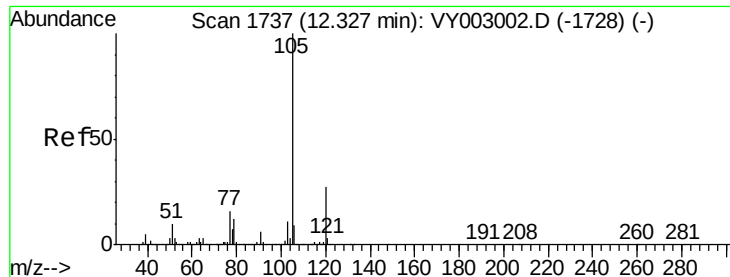
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.492 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY003007.D

Acq: 29 Jun 2020 15:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0629SBS01

Tot Ion: 105 Resp: 497923

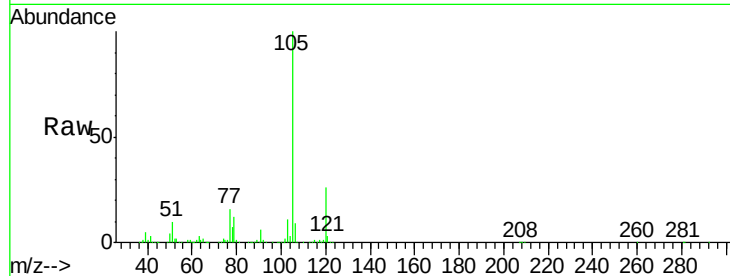
Ion Ratio Lower Upper

105 100

120 26.6 13.4 40.1

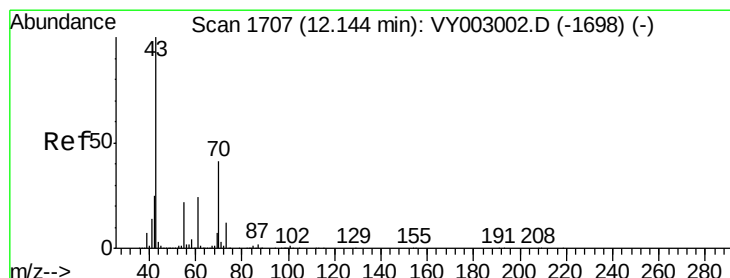
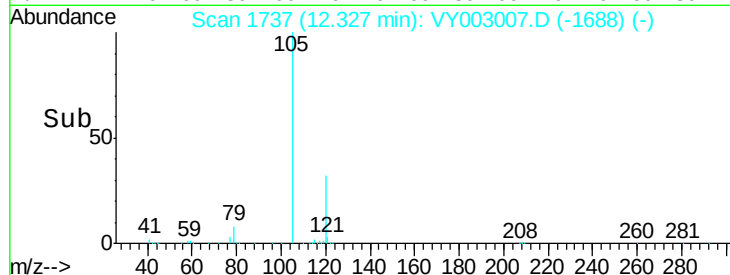
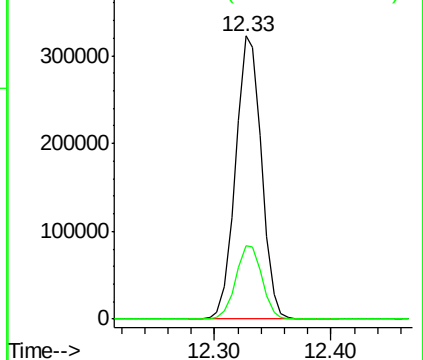
Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 21.657 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VY003007.D

Acq: 29 Jun 2020 15:32

Tgt Ion: 43 Resp: 163342

Ion Ratio Lower Upper

43 100

70 41.3 33.0 49.4

55 23.6 18.2 27.2

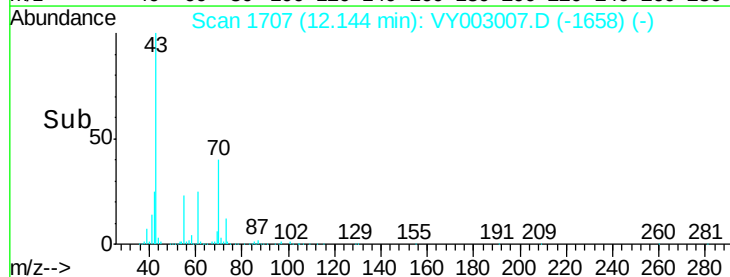
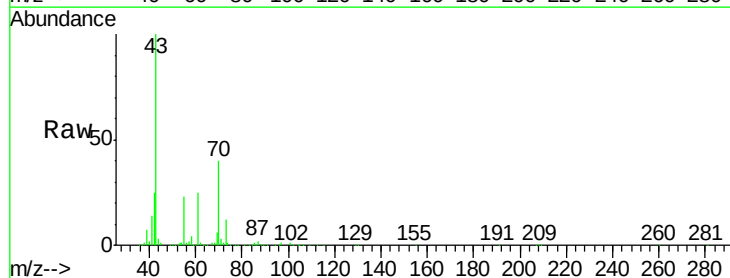
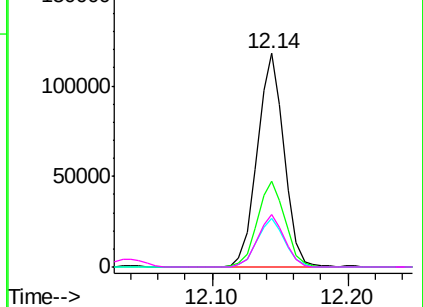
61 24.6 19.4 29.2

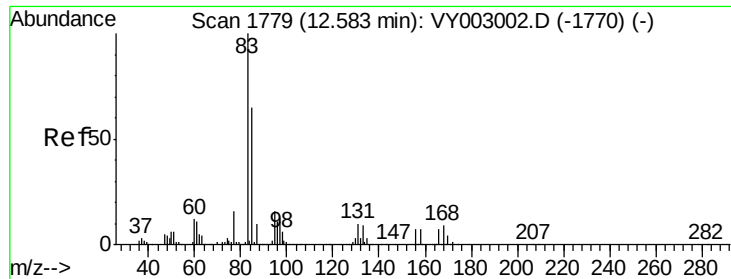
Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0





#75

1,1,2,2-Tetrachloroethane

Concen: 21.274 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY003007.D

Acq: 29 Jun 2020 15:32

Instrument :

MSVOA_Y

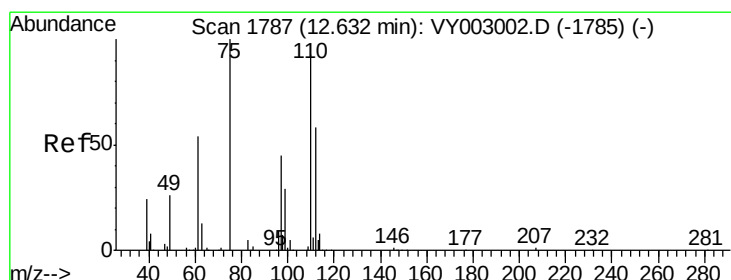
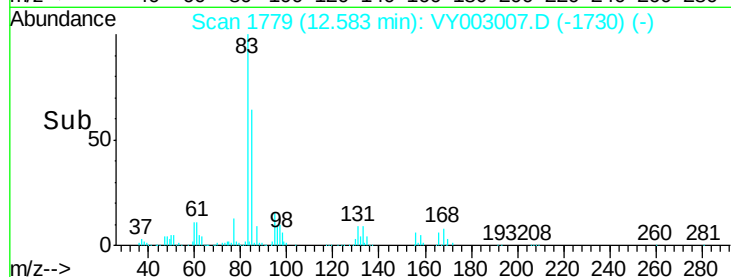
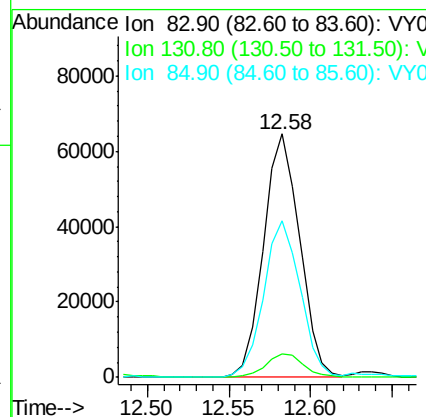
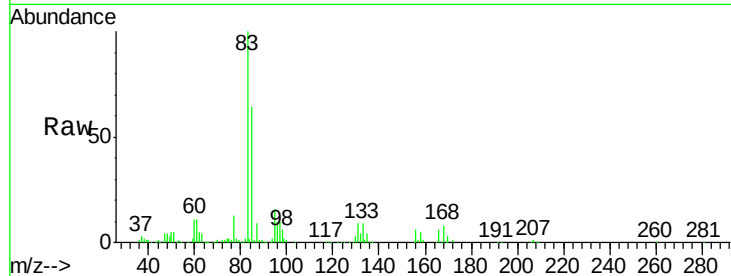
ClientSampleId :

VY0629SBS01

Tot Ion:	83	Resp:	99466
Ion Ratio	Lower	Upper	
83	100		
131	10.3	5.3	16.1
85	64.9	32.1	96.3

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 22.938 ug/l m

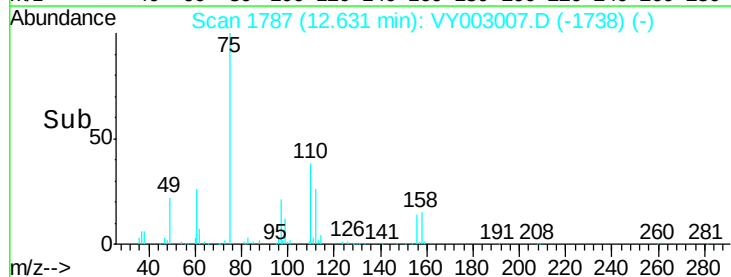
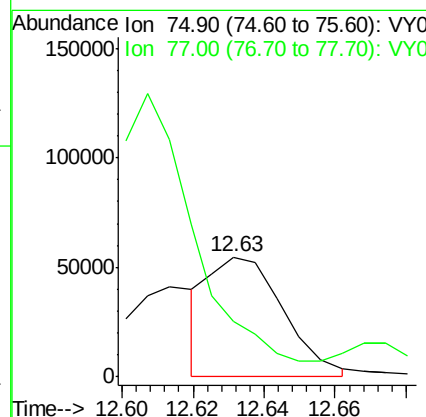
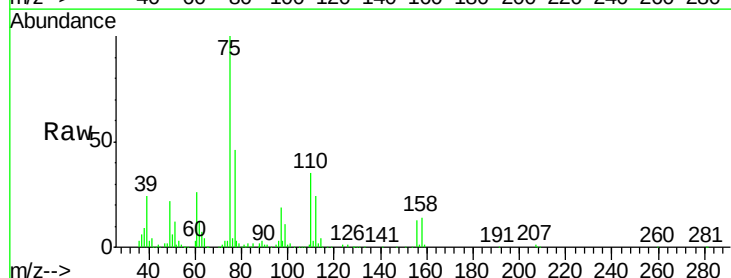
RT: 12.63 min Scan# 1787

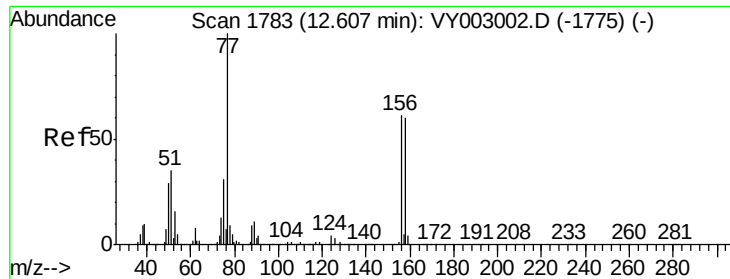
Delta R.T. -0.00 min

Lab File: VY003007.D

Acq: 29 Jun 2020 15:32

Tgt Ion:	75	Resp:	80366
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 21.259 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY003007.D

Acq: 29 Jun 2020 15:32

Instrument :

MSVOA_Y

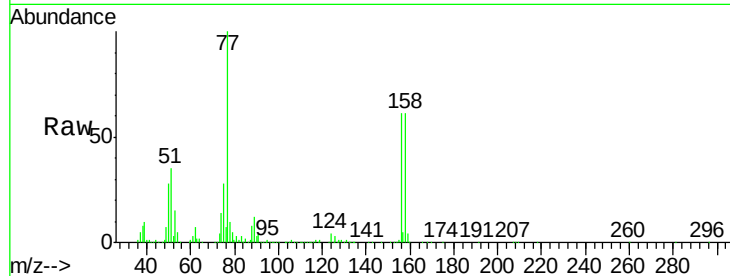
ClientSampleId :

VY0629SBS01

Tot Ion:	156	Resp:	126288
Ion Ratio	Lower	Upper	
156	100		
77	180.9	90.0	270.0
158	97.4	48.5	145.5

Manual Integrations
APPROVED

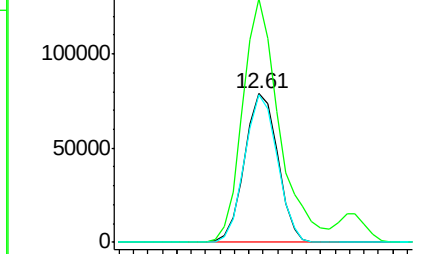
MMDadoda
6/30/2020 12:54:14 PM



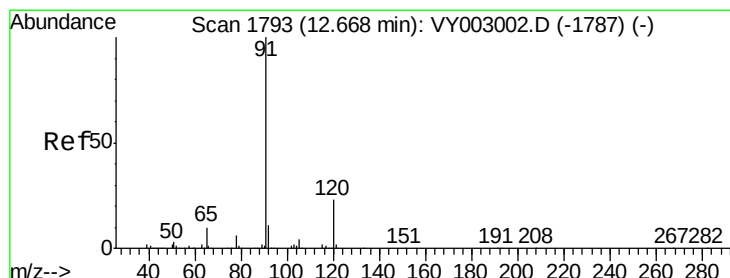
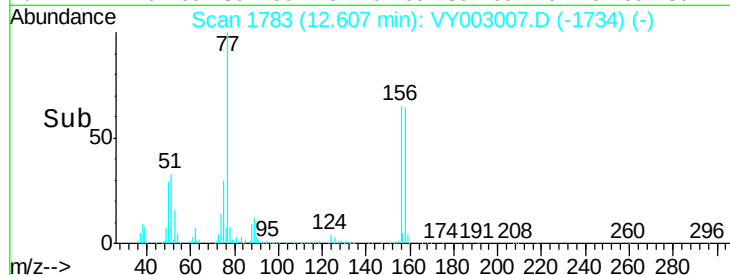
Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



Time-->



#78

n-propylbenzene

Concen: 21.560 ug/l

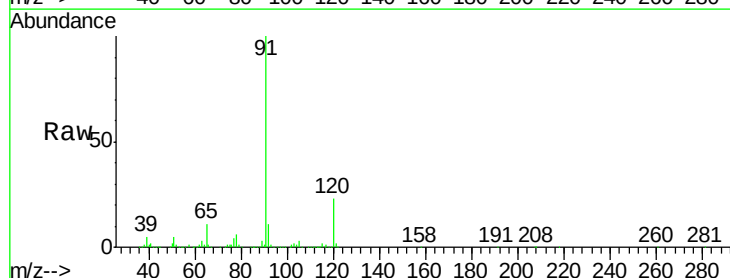
RT: 12.67 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VY003007.D

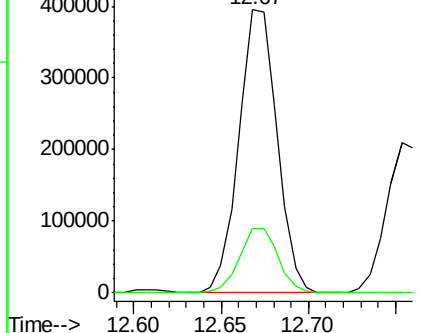
Acq: 29 Jun 2020 15:32

Tgt Ion:	91	Resp:	600727
Ion Ratio	Lower	Upper	
91	100		
120	23.1	11.5	34.5

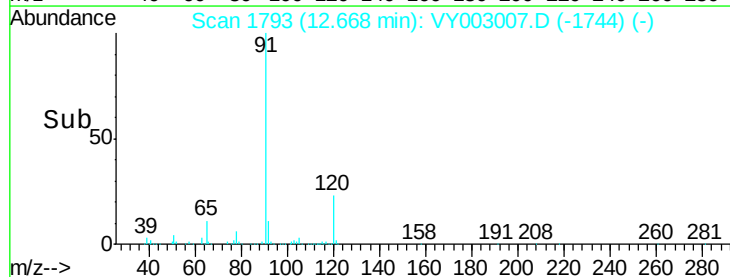


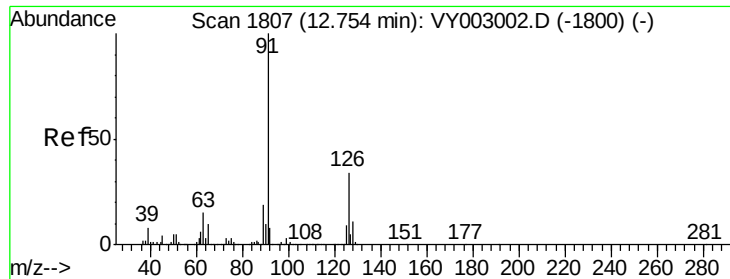
Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V



Time-->





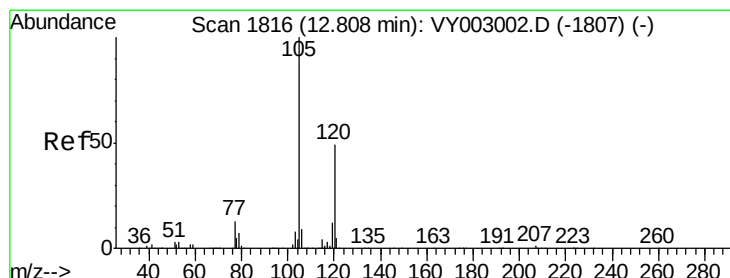
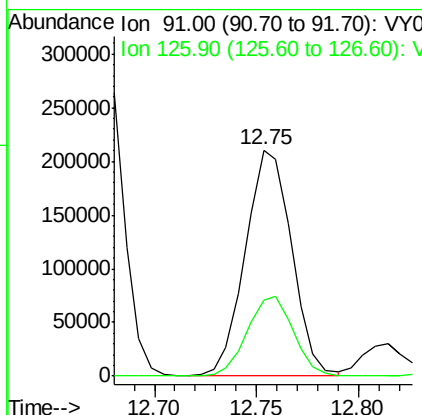
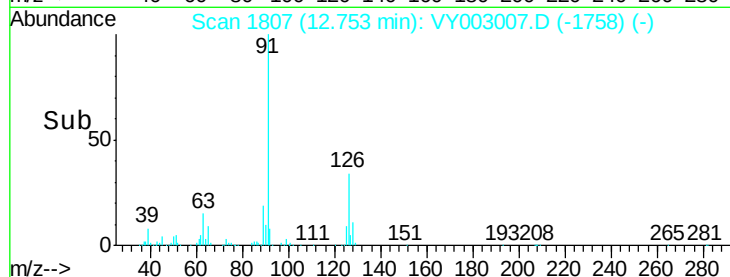
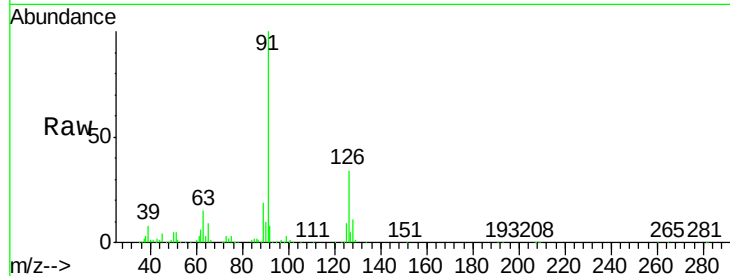
#79
 2-Chlorotoluene
 Concen: 21.420 ug/l
 RT: 12.75 min Scan# 1807
 Delta R.T. -0.00 min
 Lab File: VY003007.D
 Acq: 29 Jun 2020 15:32

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0629SBS01

Tot Ion: 91 Resp: 333139
 Ion Ratio Lower Upper
 91 100
 126 35.4 17.1 51.3

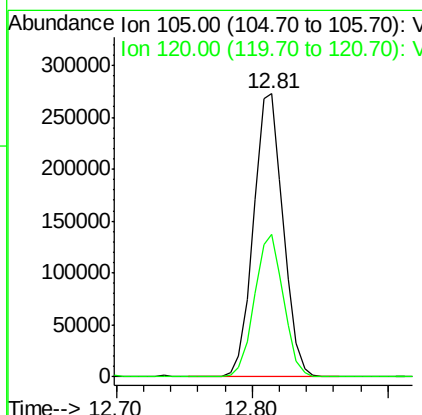
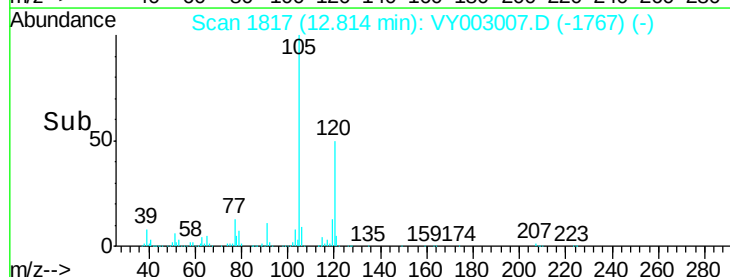
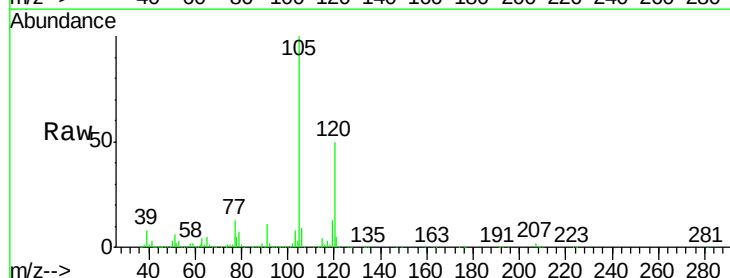
Manual Integrations
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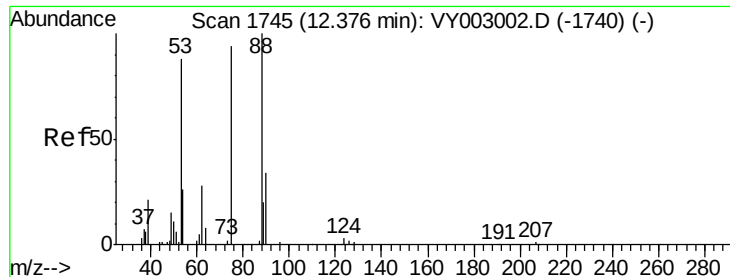
MMDadoda
 6/30/2020 12:54:14 PM



#80
 1,3,5-Trimethylbenzene
 Concen: 21.433 ug/l
 RT: 12.81 min Scan# 1817
 Delta R.T. 0.01 min
 Lab File: VY003007.D
 Acq: 29 Jun 2020 15:32

Tgt Ion: 105 Resp: 416689
 Ion Ratio Lower Upper
 105 100
 120 49.1 24.6 73.6





#81

trans-1,4-Dichloro-2-butene

Concen: 21.750 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. 0.01 min

Lab File: VY003007.D

Acq: 29 Jun 2020 15:32

Instrument :

MSVOA_Y

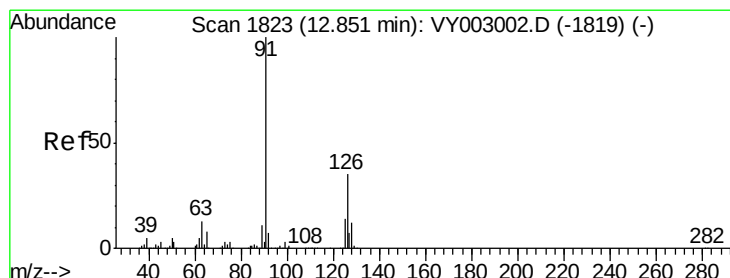
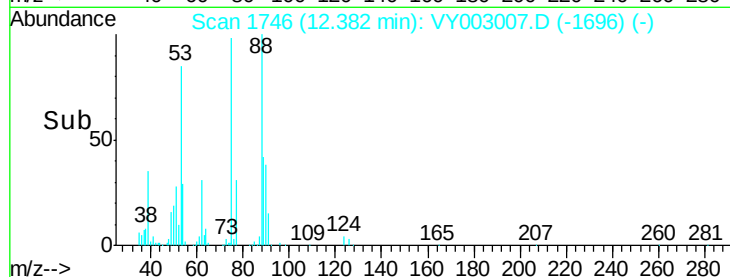
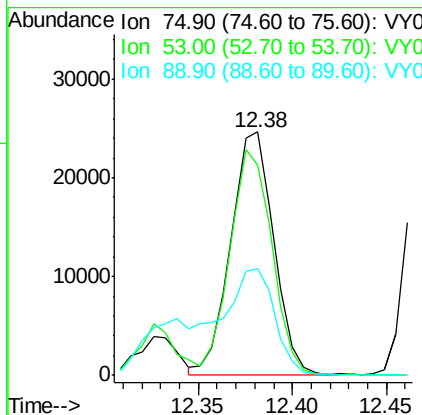
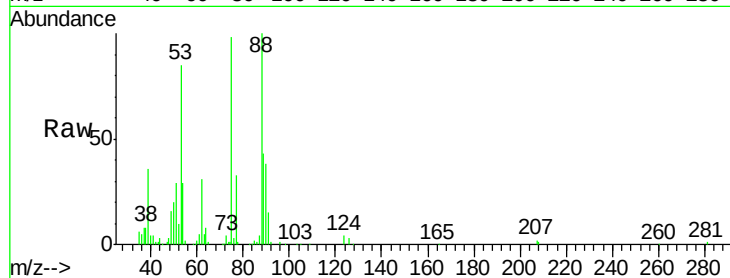
ClientSampleId :

VY0629SBS01

Tot Ion:	75	Resp:	39167
Ion Ratio	Lower	Upper	
75	100		
53	90.2	73.9	110.9
89	50.6	37.5	56.3

Manual Integrations
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#82

4-Chlorotoluene

Concen: 21.730 ug/l

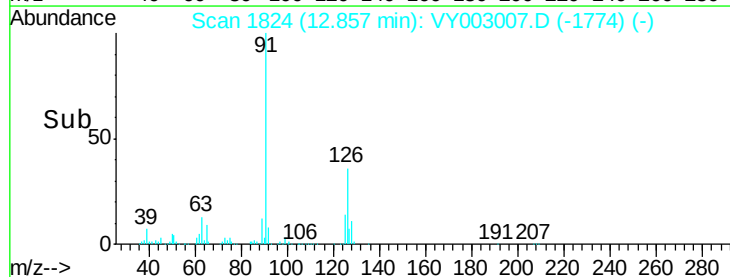
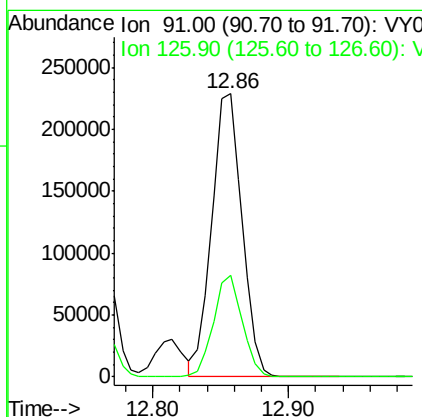
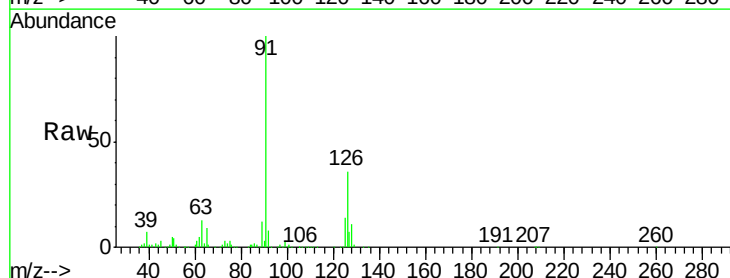
RT: 12.86 min Scan# 1824

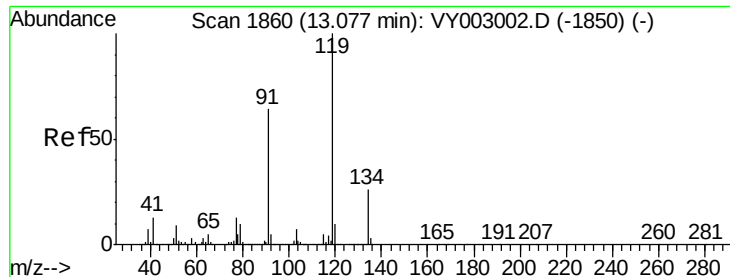
Delta R.T. 0.01 min

Lab File: VY003007.D

Acq: 29 Jun 2020 15:32

Tgt Ion:	91	Resp:	351871
Ion Ratio	Lower	Upper	
91	100		
126	34.4	17.4	52.3





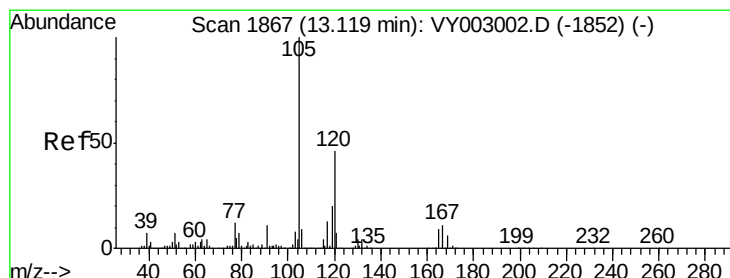
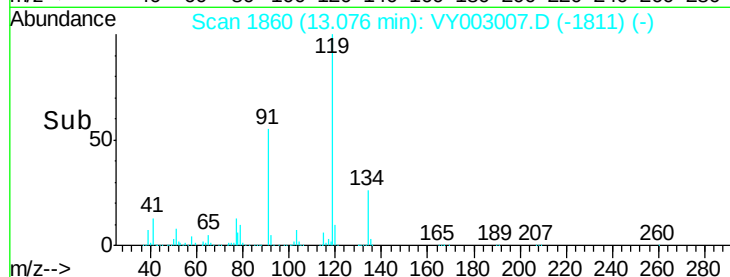
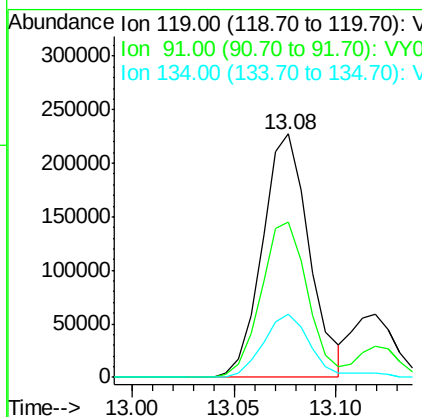
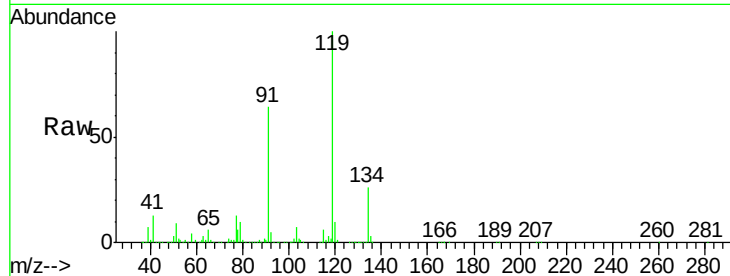
#83
 tert-Butylbenzene
 Concen: 21.320 ug/l
 RT: 13.08 min Scan# 1860
 Delta R.T. -0.00 min
 Lab File: VY003007.D
 Acq: 29 Jun 2020 15:32

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0629SBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	363955		
91	63.1		31.6	95.0
134	26.9		13.2	39.5

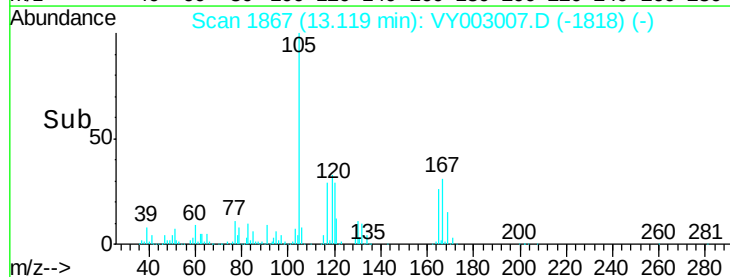
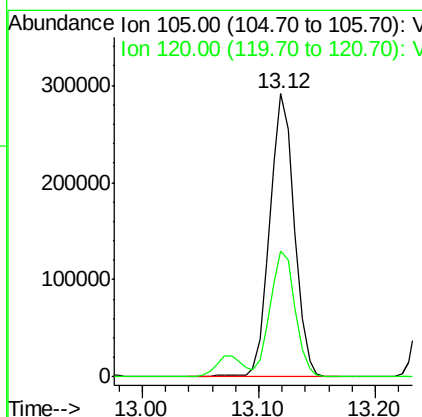
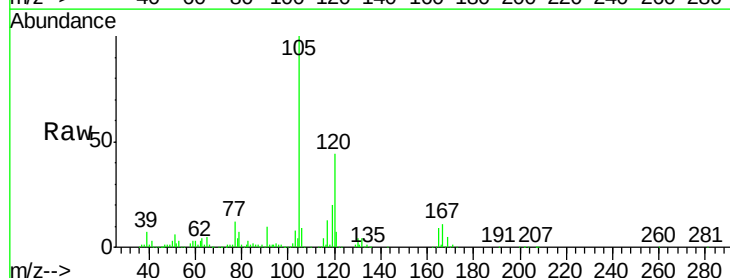
Manual Integrations
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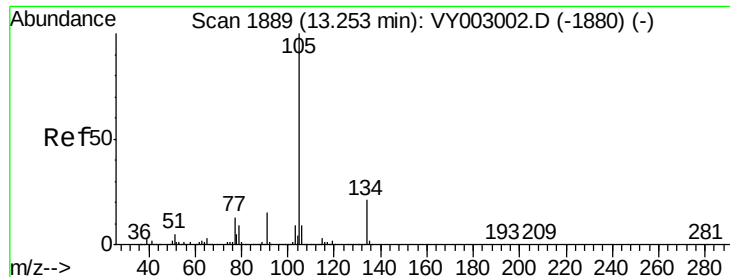
MMDadoda
 6/30/2020 12:54:14 PM



#84
 1,2,4-Trimethylbenzene
 Concen: 21.891 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VY003007.D
 Acq: 29 Jun 2020 15:32

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	428851		
120	44.8		22.6	67.8





#85

sec-Butylbenzene

Concen: 21.684 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY003007.D

Acq: 29 Jun 2020 15:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0629SBS01

Tot Ion:105 Resp: 510216

Ion Ratio Lower Upper

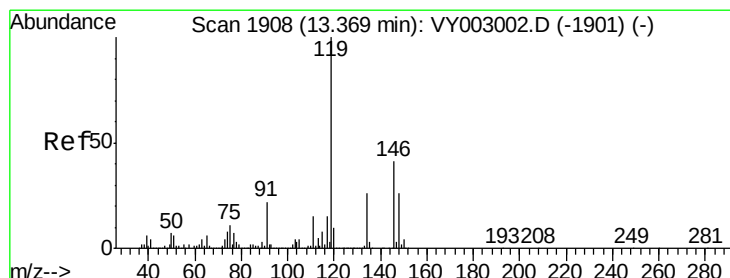
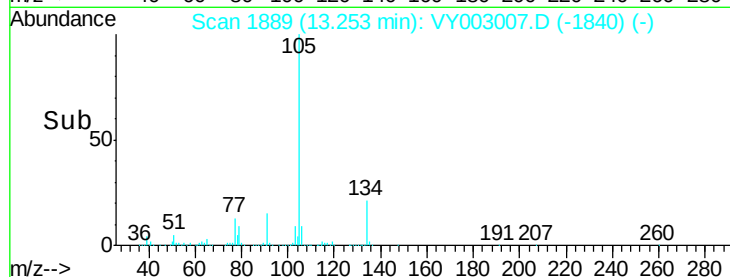
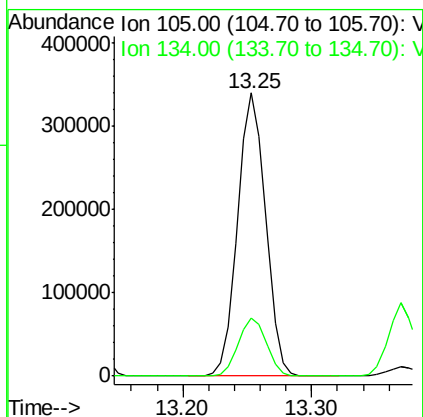
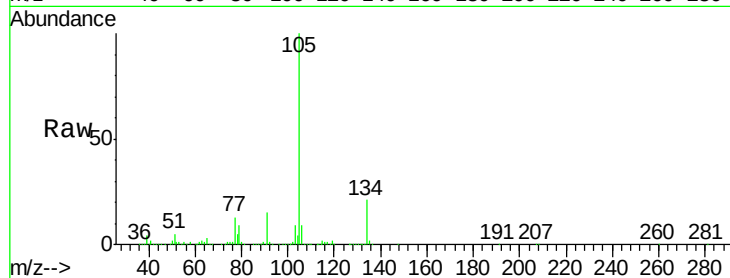
105 100

134 20.7 10.4 31.2

Manual Integrations
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#86

p-Isopropyltoluene

Concen: 21.413 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY003007.D

Acq: 29 Jun 2020 15:32

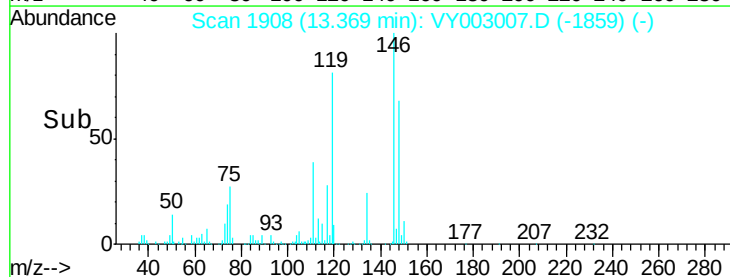
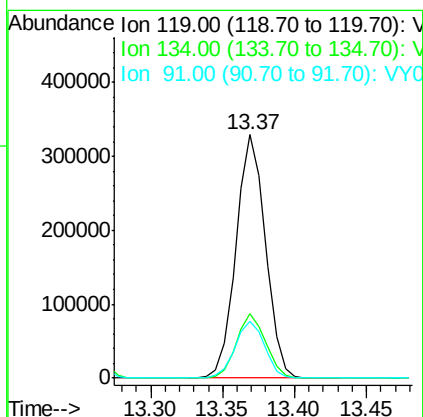
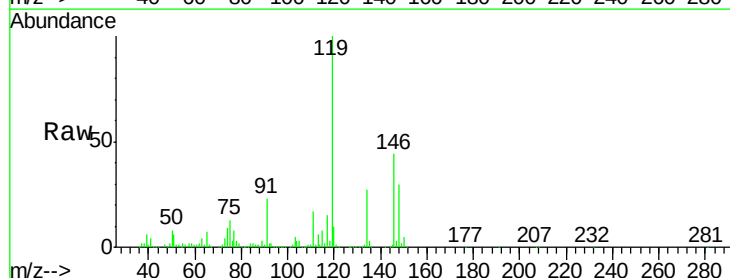
Tgt Ion:119 Resp: 466881

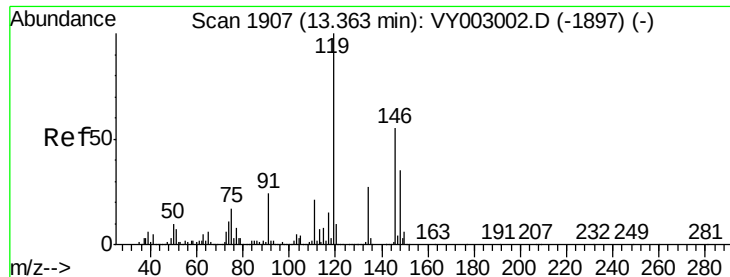
Ion Ratio Lower Upper

119 100

134 26.4 13.5 40.4

91 23.3 11.5 34.5





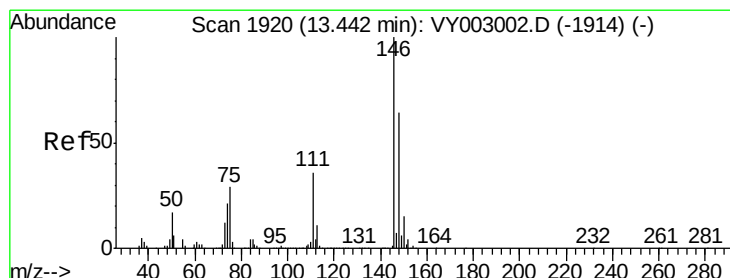
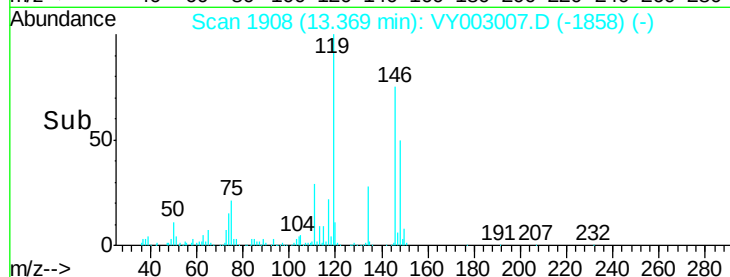
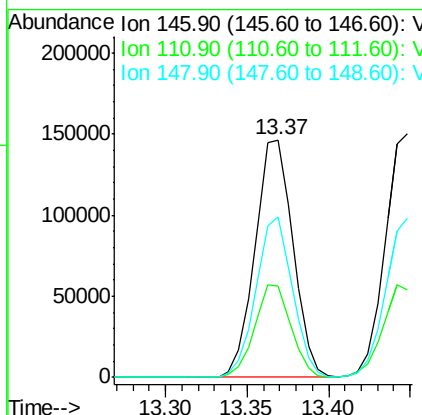
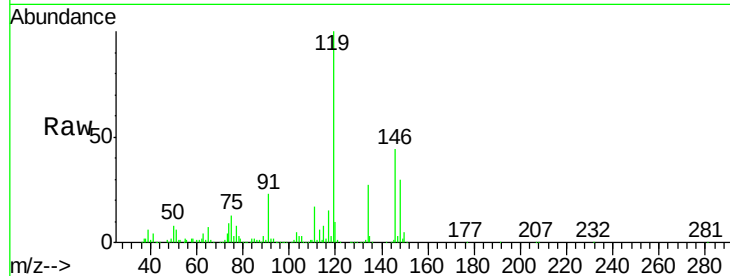
#87
1,3-Dichlorobenzene
Concen: 21.311 ug/l
RT: 13.37 min Scan# 1908
Delta R.T. 0.01 min
Lab File: VY003007.D
Acq: 29 Jun 2020 15:32

Instrument :
MSVOA_Y
ClientSampleId :
VY0629SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.7	18.8	56.3
148	65.2	31.8	95.3

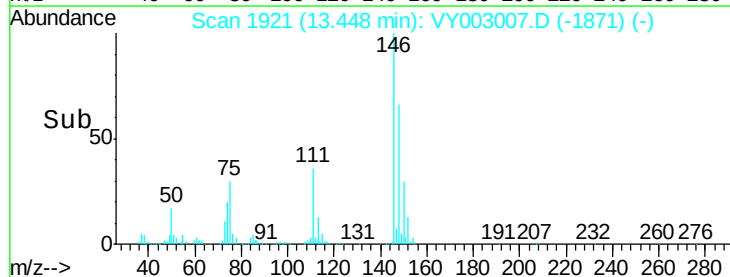
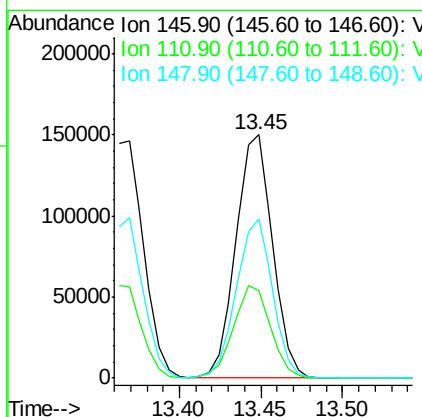
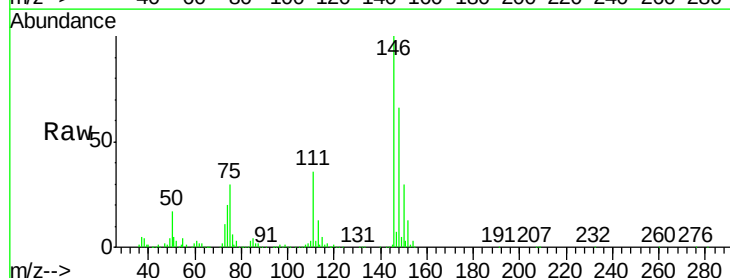
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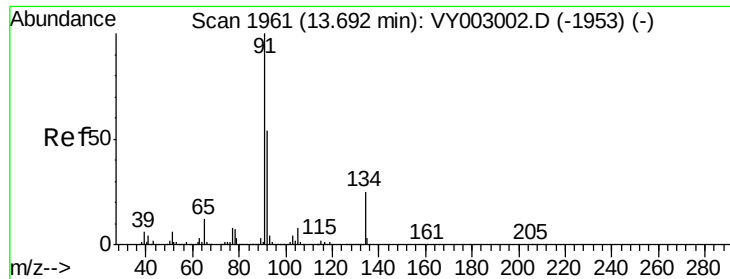
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#88
1,4-Dichlorobenzene
Concen: 21.515 ug/l
RT: 13.45 min Scan# 1921
Delta R.T. 0.01 min
Lab File: VY003007.D
Acq: 29 Jun 2020 15:32

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.5	18.4	55.4
148	64.5	32.3	96.9





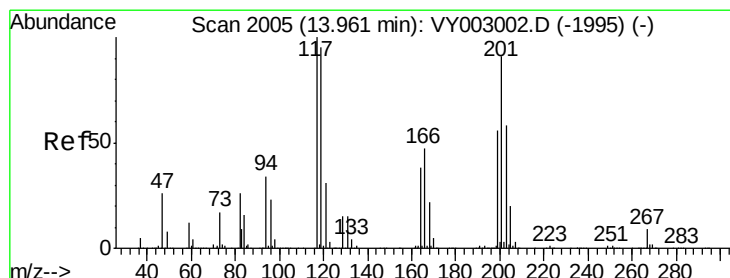
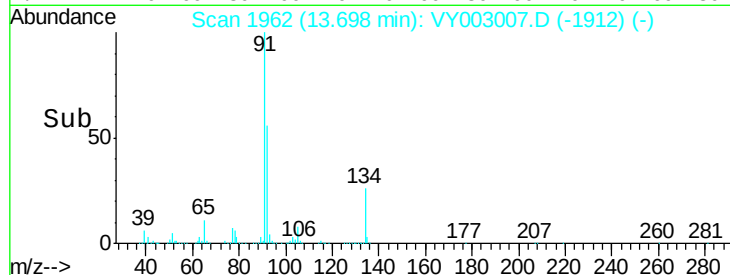
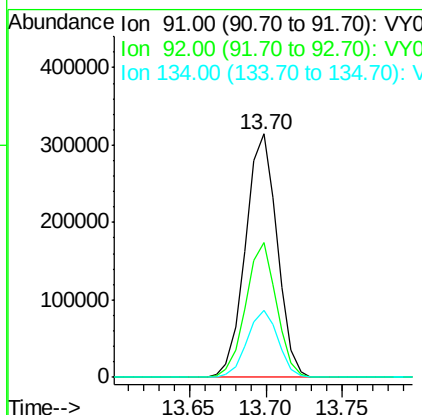
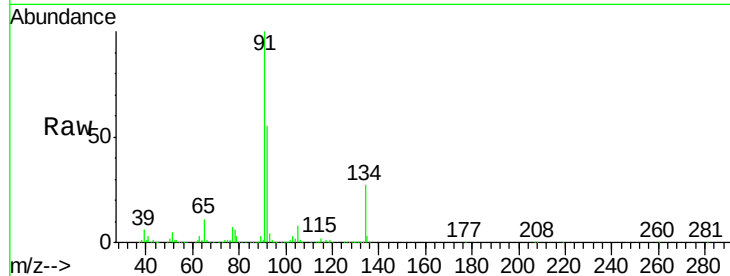
#89
n-Butylbenzene
Concen: 21.700 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. 0.01 min
Lab File: VY003007.D
Acq: 29 Jun 2020 15:32

Instrument :
MSVOA_Y
ClientSampleId :
VY0629SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.6	26.8	80.3
134	27.0	13.1	39.1

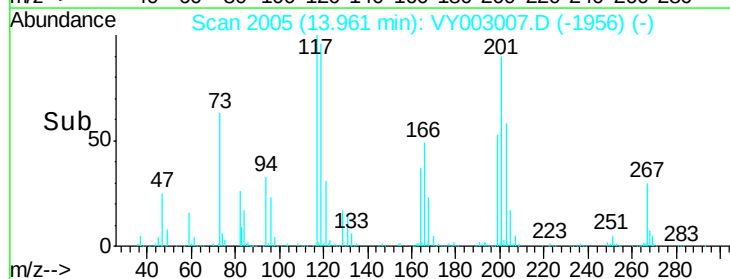
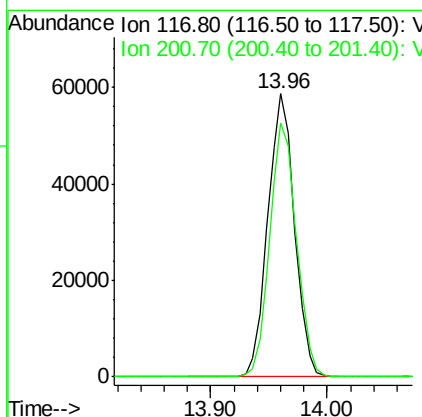
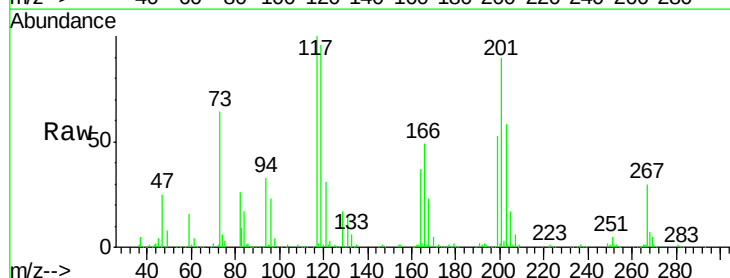
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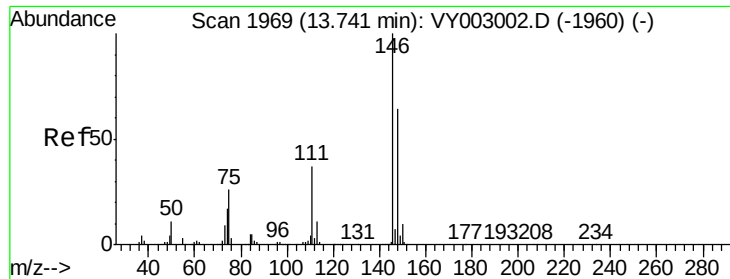
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#90
Hexachloroethane
Concen: 21.606 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.00 min
Lab File: VY003007.D
Acq: 29 Jun 2020 15:32

Tgt Ion	Ratio	Lower	Upper
117	100		
201	89.5	45.5	136.4





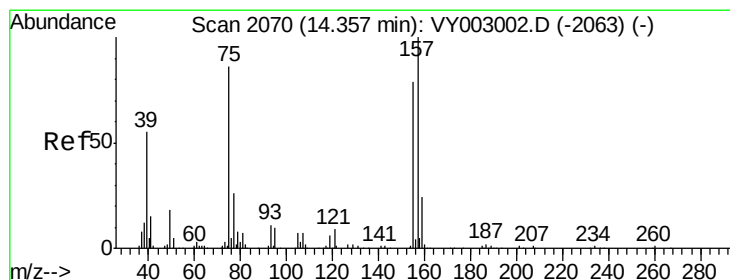
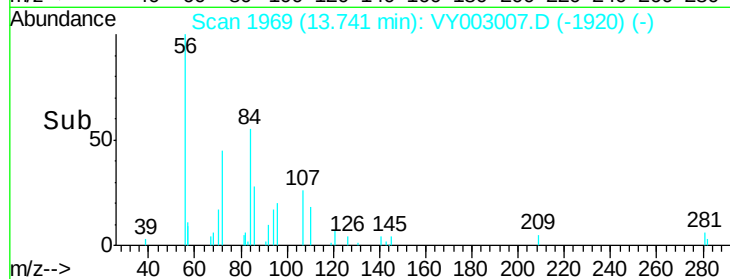
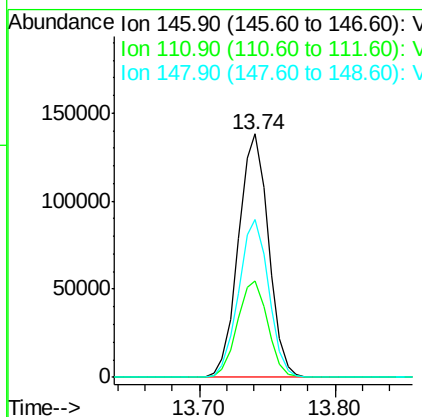
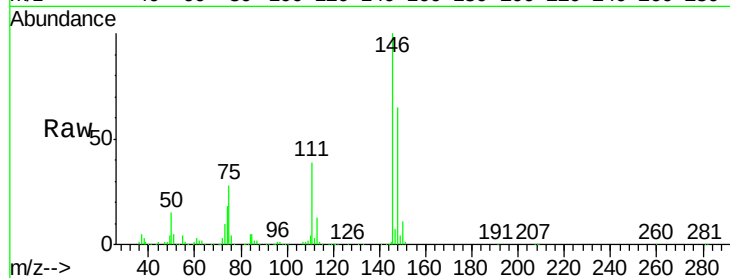
#91
 1,2-Dichlorobenzene
 Concen: 21.415 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. -0.00 min
 Lab File: VY003007.D
 Acq: 29 Jun 2020 15:32

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0629SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.9	19.1	57.5
148	65.0	31.8	95.3

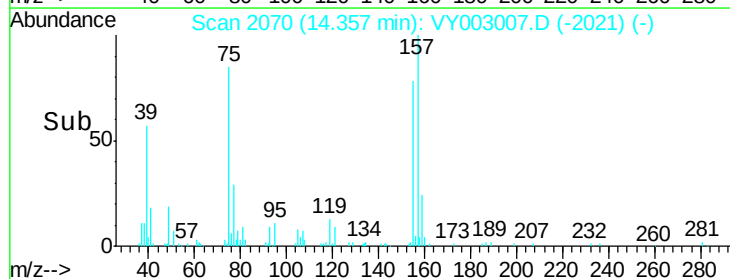
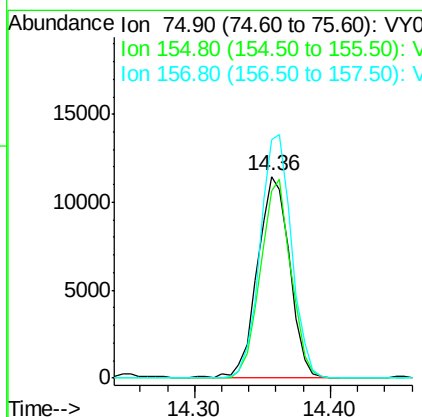
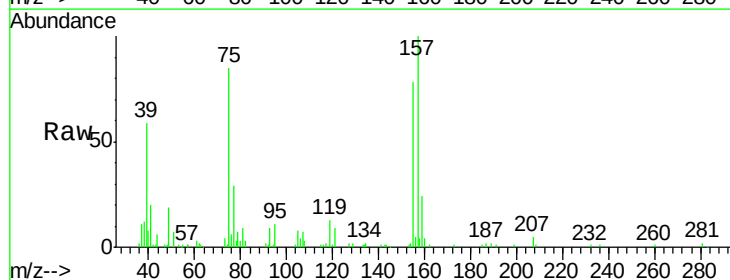
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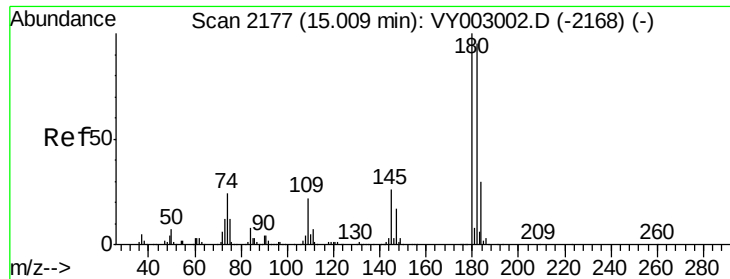
MMDadoda
 6/30/2020 12:54:14 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 23.069 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. -0.00 min
 Lab File: VY003007.D
 Acq: 29 Jun 2020 15:32

Tgt Ion	Ratio	Lower	Upper
75	100		
155	92.9	46.5	139.3
157	117.4	59.2	177.5





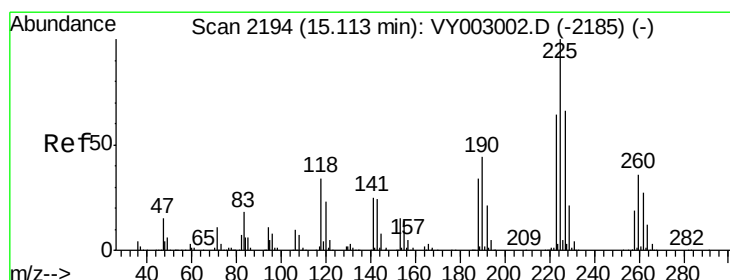
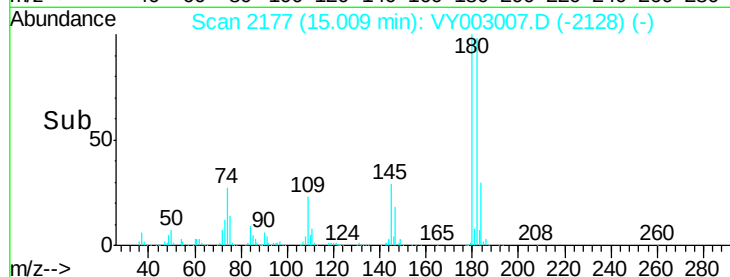
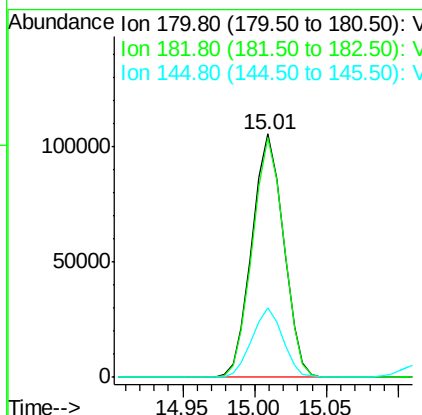
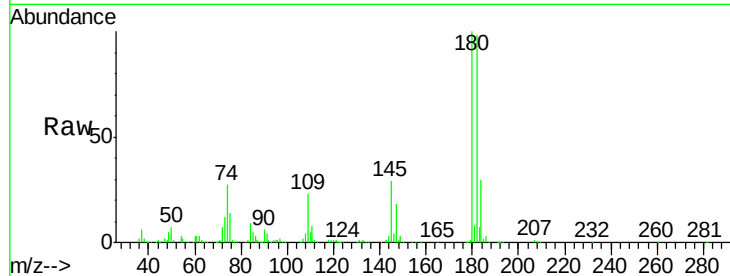
#93
 1,2,4-Trichlorobenzene
 Concen: 21.711 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. -0.00 min
 Lab File: VY003007.D
 Acq: 29 Jun 2020 15:32

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0629SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	160528		
182	97.4	48.1	144.3	
145	27.8	13.9	41.6	

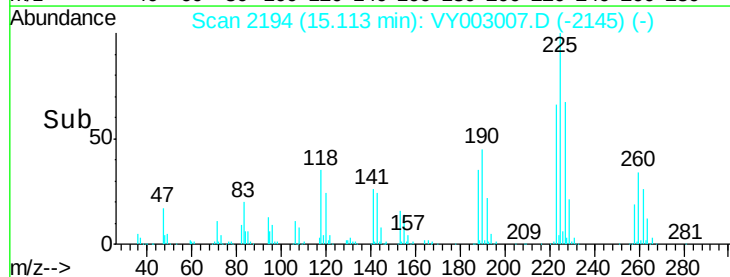
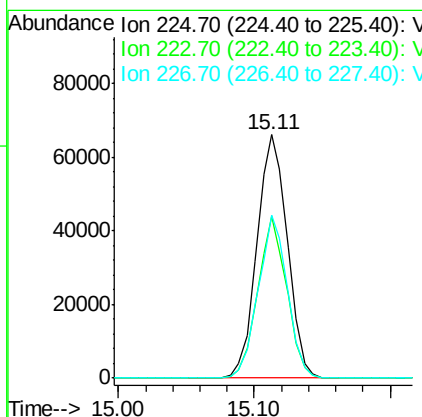
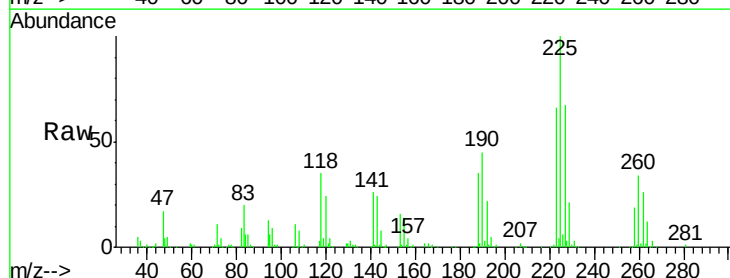
Manual Integrations
 APPROVED

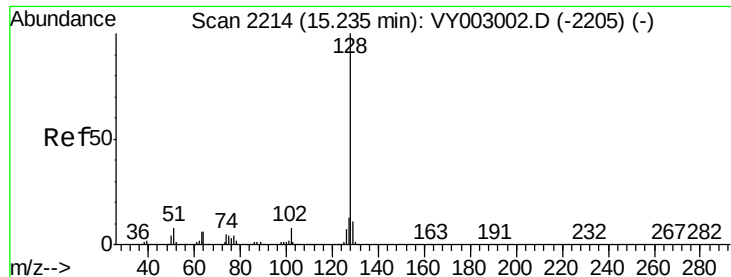
MMDadoda
 6/30/2020 12:54:14 PM



#94
 Hexachlorobutadiene
 Concen: 22.236 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. -0.00 min
 Lab File: VY003007.D
 Acq: 29 Jun 2020 15:32

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	103703		
223	62.9	32.4	97.0	
227	64.0	32.4	97.2	





#95

Naphthalene

Concen: 22.144 ug/l

RT: 15.24 min Scan# 2215

Delta R.T. 0.01 min

Lab File: VY003007.D

Acq: 29 Jun 2020 15:32

Instrument :

MSVOA_Y

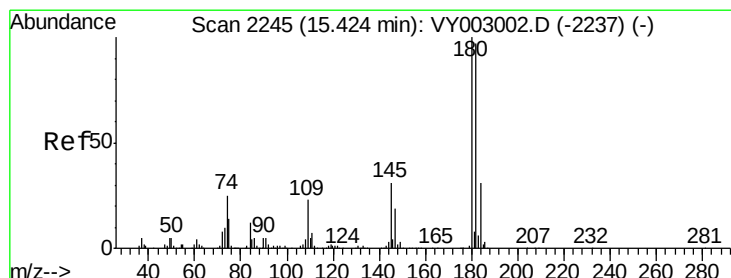
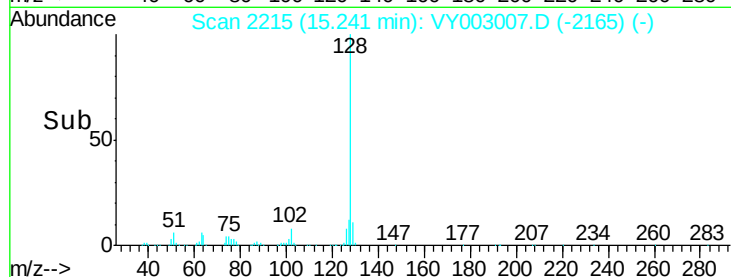
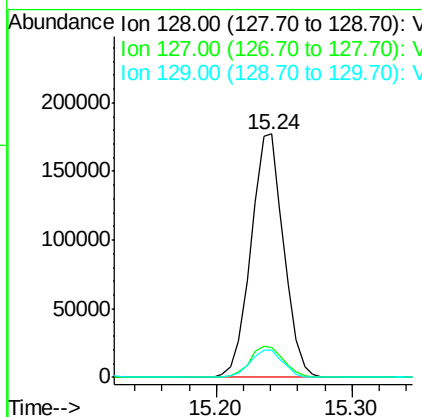
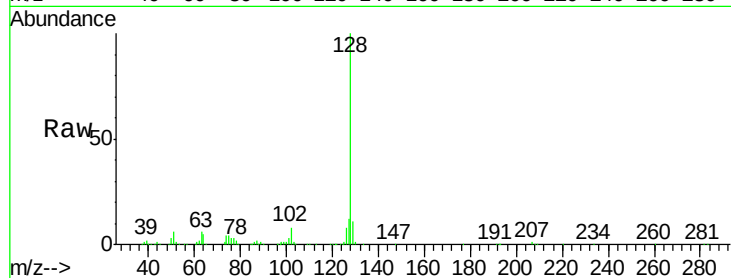
ClientSampleId :

VY0629SBS01

Tot Ion:	128	Resp:	299057
Ion Ratio		Lower	Upper
128	100		
127	13.2	10.8	16.2
129	11.2	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
6/30/2020 12:54:14 PM



#96

1,2,3-Trichlorobenzene

Concen: 21.900 ug/l

RT: 15.42 min Scan# 2245

Delta R.T. -0.00 min

Lab File: VY003007.D

Acq: 29 Jun 2020 15:32

Tgt Ion:	180	Resp:	140602
Ion Ratio		Lower	Upper
180	100		
182	96.5	47.8	143.3
145	29.9	14.7	44.1

