

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY031920\
 Data File : VY002029.D
 Acq On : 19 Mar 2020 18:31
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 3/20/2020 12:06:18 PM

Quant Time: Mar 20 05:06:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 05 04:05:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	153995	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	281189	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	255688	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	116672	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.16	65	90356	54.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.92%	
35) Dibromofluoromethane	7.74	113	83076	54.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.22%	
50) Toluene-d8	10.19	98	342410	52.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.78%	
62) 4-Bromofluorobenzene	12.49	95	120238	53.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.82%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	59228	41.666	ug/l	99
3) Chloromethane	2.13	50	84854	44.276	ug/l	99
4) Vinyl Chloride	2.26	62	87953	45.118	ug/l	99
5) Bromomethane	2.66	94	60509	53.561	ug/l	98
6) Chloroethane	2.81	64	59094	48.257	ug/l	93
7) Trichlorofluoromethane	3.15	101	127532	48.239	ug/l	99
8) Diethyl Ether	3.55	74	53218	51.074	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.93	101	83164	48.908	ug/l	99
10) Methyl Iodide	4.12	142	95515	48.572	ug/l	99
11) Tert butyl alcohol	4.99	59	55606	332.474	ug/l	96
12) 1,1-Dichloroethene	3.90	96	81724	47.732	ug/l	95
13) Acrolein	3.76	56	46600	201.713	ug/l	98
14) Allyl chloride	4.51	41	158526	52.227	ug/l	98
15) Acrylonitrile	5.20	53	140236	251.861	ug/l	99
16) Acetone	3.97	43	105381	220.080	ug/l	96
17) Carbon Disulfide	4.22	76	250946	43.600	ug/l	99
18) Methyl Acetate	4.51	43	62491	50.792	ug/l	98
19) Methyl tert-butyl Ether	5.25	73	241957	52.148	ug/l	97
20) Methylene Chloride	4.75	84	102979	50.180	ug/l	97
21) trans-1,2-Dichloroethene	5.25	96	96146	49.475	ug/l	97
22) Diisopropyl ether	6.15	45	338255	54.366	ug/l	98
23) Vinyl Acetate	6.10	43	1074688	263.479	ug/l	99
24) 1,1-Dichloroethane	6.05	63	176936	52.514	ug/l	99
25) 2-Butanone	7.02	43	179007	245.831	ug/l	99
26) 2,2-Dichloropropane	7.01	77	141234	51.071	ug/l	98
27) cis-1,2-Dichloroethene	7.02	96	109498	51.799	ug/l	98
28) Bromochloromethane	7.36	49	81989	53.986	ug/l	98
29) Tetrahydrofuran	7.37	42	121102	250.442	ug/l	99
30) Chloroform	7.53	83	166900	52.724	ug/l	97
31) Cyclohexane	7.81	56	167015	46.231	ug/l	100
32) 1,1,1-Trichloroethane	7.72	97	140180	52.540	ug/l	99
36) 1,1-Dichloropropene	7.94	75	135065	49.915	ug/l	99
37) Ethyl Acetate	7.10	43	80680	51.301	ug/l	99
38) Carbon Tetrachloride	7.93	117	118884	51.431	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.20	83	172878	48.170	ug/l	99
40) Benzene	8.18	78	410575	51.192	ug/l	99
41) Methacrylonitrile	7.34	41	40684m	57.483	ug/l	
42) 1,2-Dichloroethane	8.26	62	110230	53.337	ug/l	98
43) Isopropyl Acetate	8.29	43	154272	51.812	ug/l	99
44) Trichloroethene	8.96	130	97634	49.985	ug/l	98
45) 1,2-Dichloropropane	9.24	63	106711	52.928	ug/l	98
46) Dibromomethane	9.32	93	53812	51.793	ug/l	99
47) Bromodichloromethane	9.51	83	130833	54.133	ug/l	95
48) Methyl methacrylate	9.31	41	69588	52.670	ug/l	96
49) 1,4-Dioxane	9.32	88	14642	1028.483	ug/l	94
51) 4-Methyl-2-Pentanone	10.08	43	406048	264.763	ug/l	100
52) Toluene	10.25	92	250572	51.429	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	141239	53.639	ug/l	100
54) cis-1,3-Dichloropropene	9.94	75	166317	53.058	ug/l	99
55) 1,1,2-Trichloroethane	10.66	97	80234	52.767	ug/l	98
56) Ethyl methacrylate	10.52	69	117916	52.908	ug/l	95
57) 1,3-Dichloropropane	10.80	76	141494	52.204	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.80	63	204699	264.613	ug/l	99
59) 2-Hexanone	10.84	43	270409	247.032	ug/l	99
60) Dibromochloromethane	10.99	129	84751	52.896	ug/l	98
61) 1,2-Dibromoethane	11.10	107	74061	51.420	ug/l	99
64) Tetrachloroethene	10.73	164	80066	49.933	ug/l	99
65) Chlorobenzene	11.52	112	258199	50.680	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.60	131	88745	53.118	ug/l	100
67) Ethyl Benzene	11.60	91	487873	51.347	ug/l	99
68) m/p-Xylenes	11.71	106	358729	102.120	ug/l	100
69) o-Xylene	12.03	106	169625	51.232	ug/l	99
70) Styrene	12.05	104	295718	52.148	ug/l	99
71) Bromoform	12.22	173	47730	52.679	ug/l #	98
73) Isopropylbenzene	12.34	105	461535	51.820	ug/l	100
74) N-amyl acetate	12.15	43	143239	52.328	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.59	83	97853	50.948	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	57527m	41.554	ug/l	
77) Bromobenzene	12.61	156	97036	51.423	ug/l	99
78) n-propylbenzene	12.68	91	569231	51.805	ug/l	99
79) 2-Chlorotoluene	12.77	91	314090	51.739	ug/l	99
80) 1,3,5-Trimethylbenzene	12.82	105	381950	52.092	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.39	75	34030	49.653	ug/l	95
82) 4-Chlorotoluene	12.86	91	332307	52.574	ug/l	99
83) tert-Butylbenzene	13.08	119	322366	52.934	ug/l	98
84) 1,2,4-Trimethylbenzene	13.13	105	380759	52.327	ug/l	100
85) sec-Butylbenzene	13.26	105	470860	52.455	ug/l	100
86) p-Isopropyltoluene	13.38	119	402917	52.034	ug/l	99
87) 1,3-Dichlorobenzene	13.38	146	190341	51.475	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	187552	49.996	ug/l	99
89) n-Butylbenzene	13.70	91	414700	51.620	ug/l	99
90) Hexachloroethane	13.97	117	76504	52.371	ug/l	99
91) 1,2-Dichlorobenzene	13.75	146	173232	51.567	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.37	75	15069	50.279	ug/l	96

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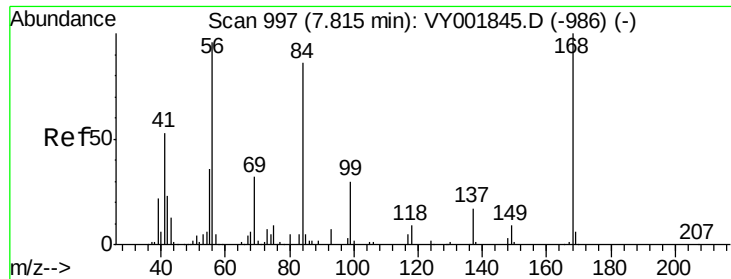
Manual Integrations
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MMDadoda
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	107729	49.449	ug/l	98
94) Hexachlorobutadiene	15.12	225	52511	49.439	ug/l	99
95) Naphthalene	15.25	128	251198	48.611	ug/l	100
96) 1,2,3-Trichlorobenzene	15.44	180	94304	49.137	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.00 min

Lab File: VY002029.D

Acq: 19 Mar 2020 18:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 153995

Ion Ratio Lower Upper

168 100

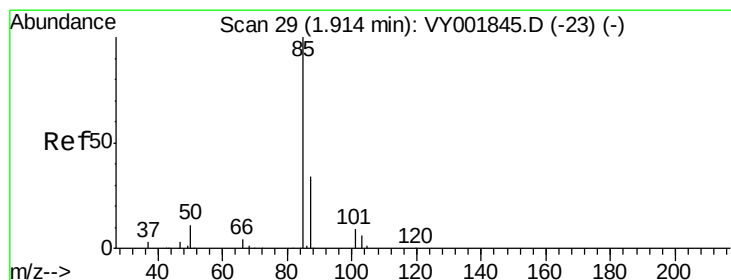
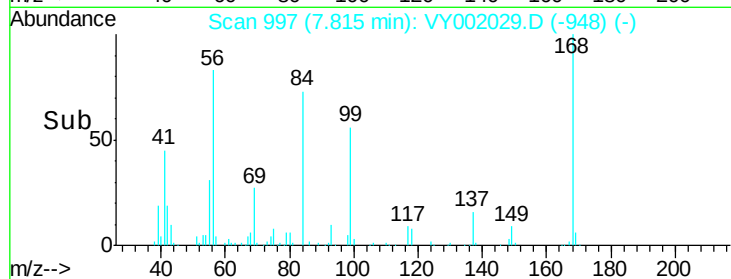
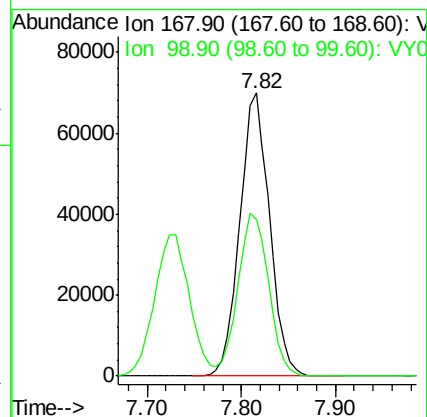
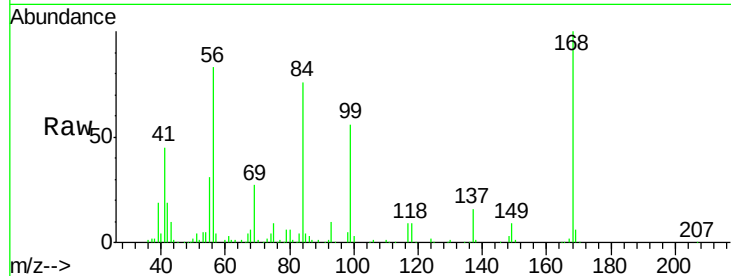
99 55.5 46.7 70.1

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 41.666 ug/l

RT: 1.91 min Scan# 29

Delta R.T. 0.00 min

Lab File: VY002029.D

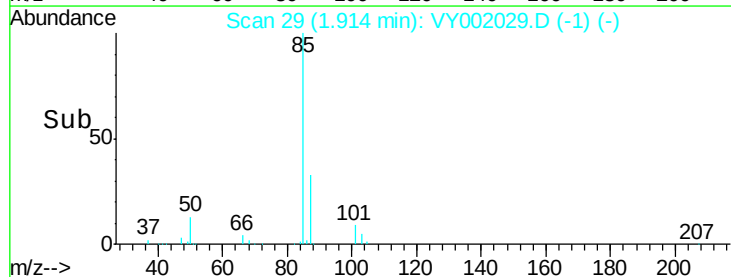
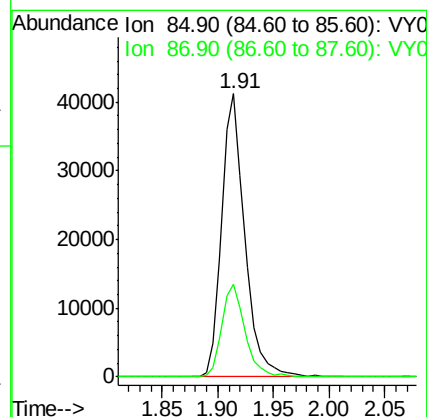
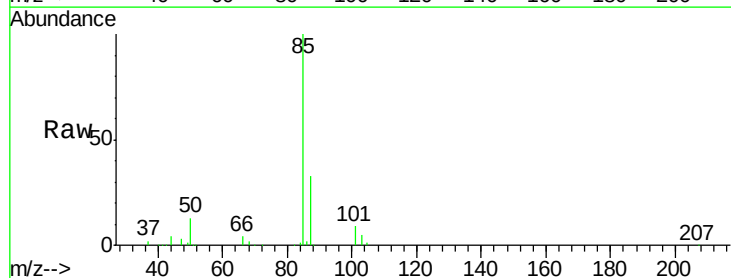
Acq: 19 Mar 2020 18:31

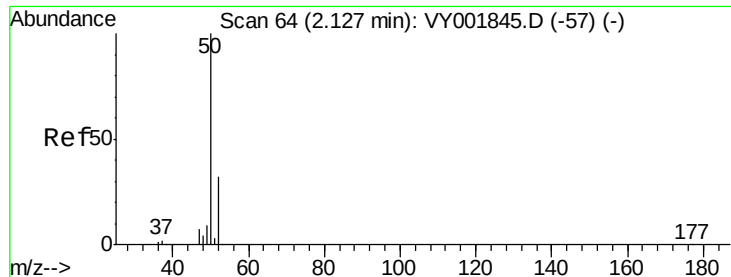
Tgt Ion: 85 Resp: 59228

Ion Ratio Lower Upper

85 100

87 32.9 16.8 50.4





#3

Chloromethane

Concen: 44.276 ug/l

RT: 2.13 min Scan# 64

Delta R.T. 0.00 min

Lab File: VY002029.D

Acq: 19 Mar 2020 18:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 84854

Ion Ratio Lower Upper

50 100

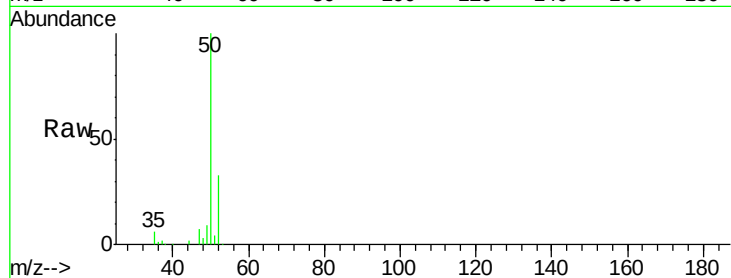
52 33.0 25.8 38.6

Manual Integrations

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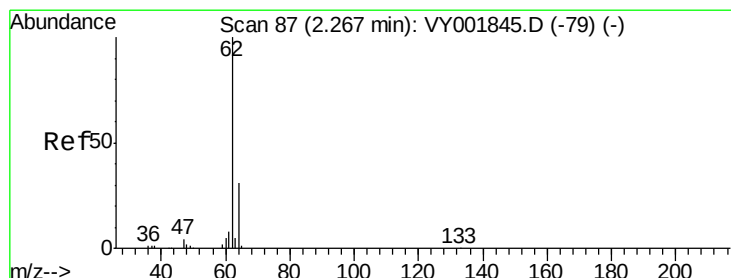
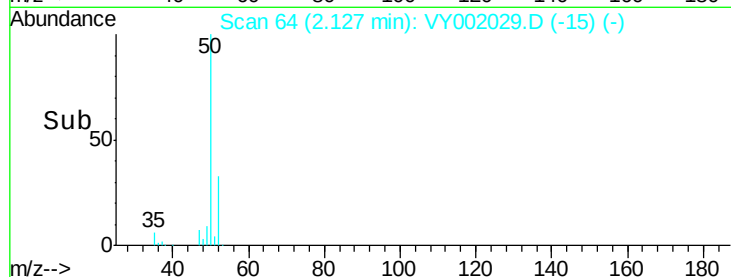
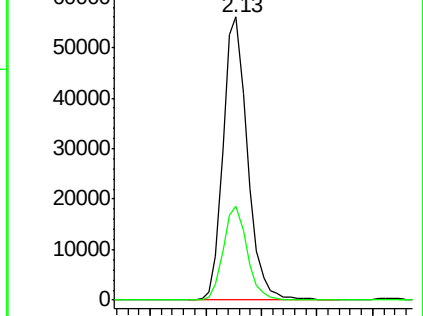
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Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 45.118 ug/l

RT: 2.26 min Scan# 86

Delta R.T. -0.01 min

Lab File: VY002029.D

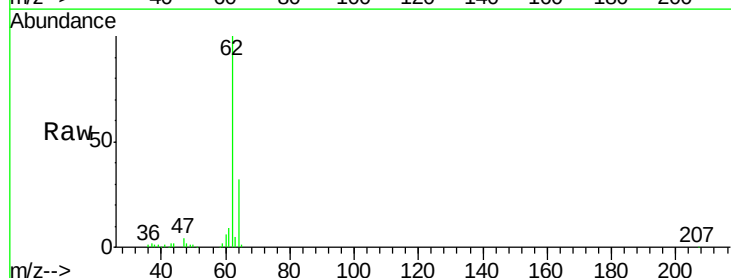
Acq: 19 Mar 2020 18:31

Tgt Ion: 62 Resp: 87953

Ion Ratio Lower Upper

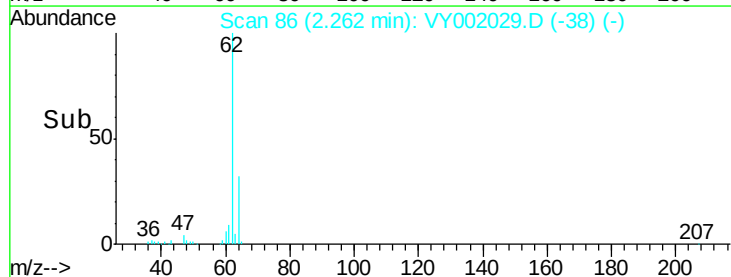
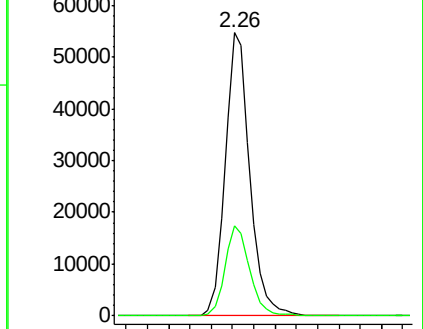
62 100

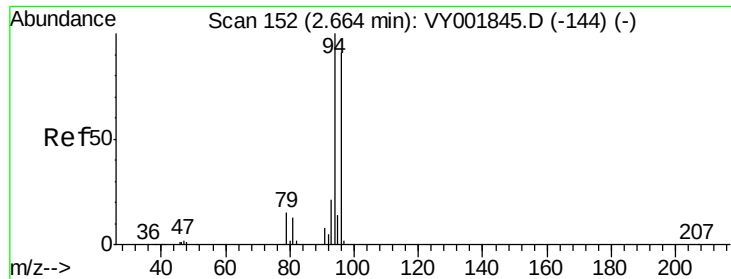
64 31.9 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 53.561 ug/l

RT: 2.66 min Scan# 152

Delta R.T. 0.00 min

Lab File: VY002029.D

Acq: 19 Mar 2020 18:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 60509

Ion Ratio Lower Upper

94 100

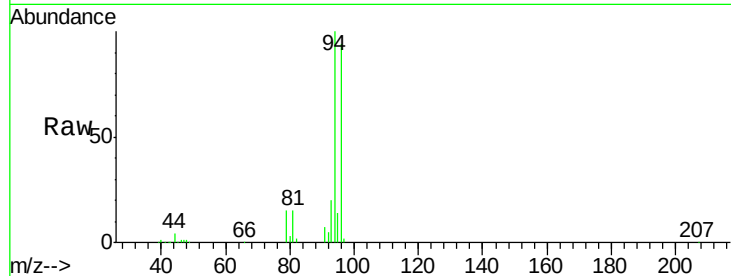
96 93.7 73.2 109.8

Manual Integrations

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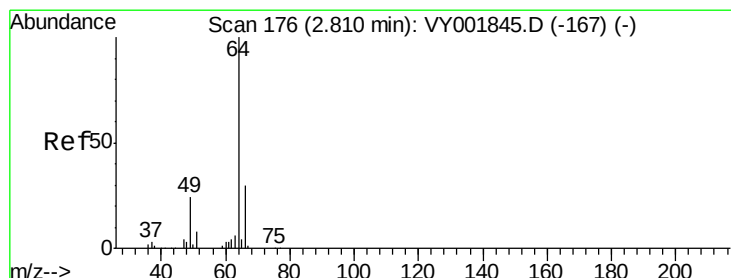
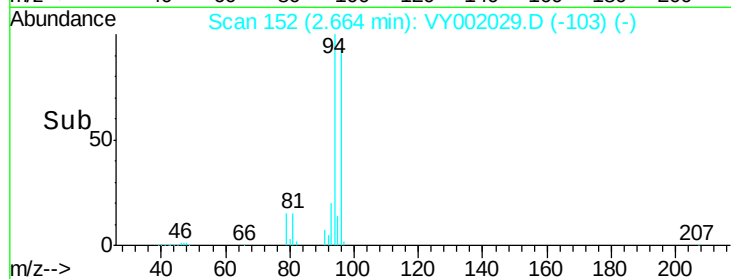
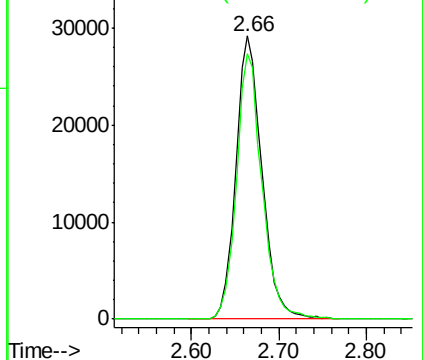
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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 48.257 ug/l

RT: 2.81 min Scan# 176

Delta R.T. 0.00 min

Lab File: VY002029.D

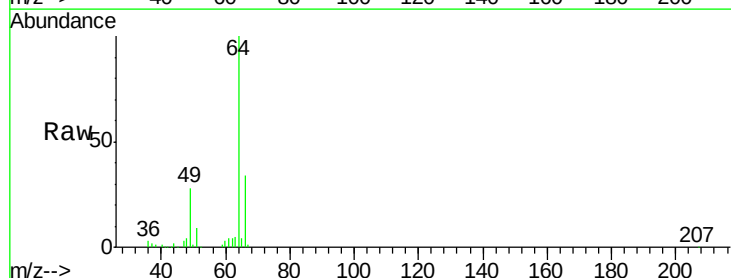
Acq: 19 Mar 2020 18:31

Tgt Ion: 64 Resp: 59094

Ion Ratio Lower Upper

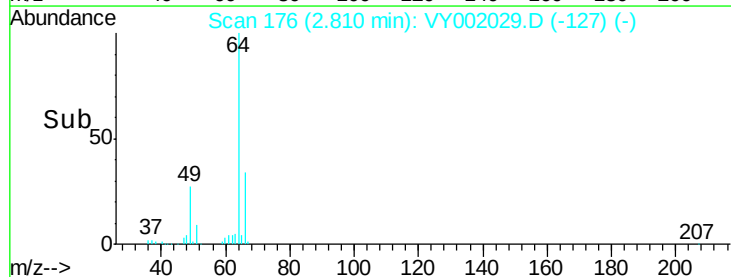
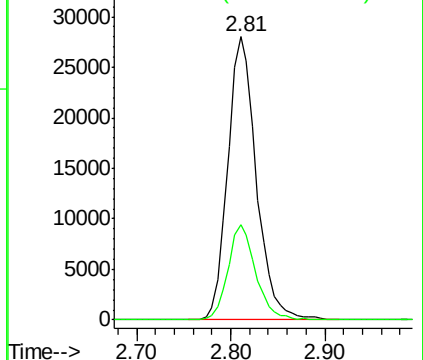
64 100

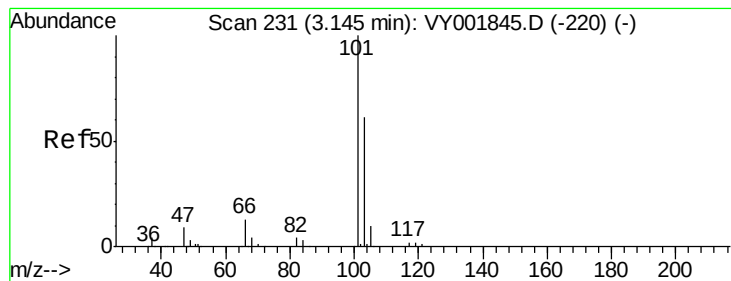
66 33.7 23.8 35.8



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

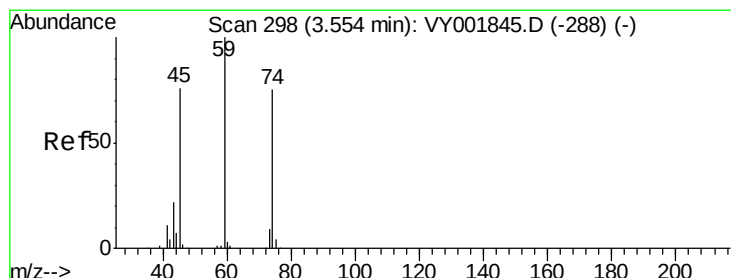
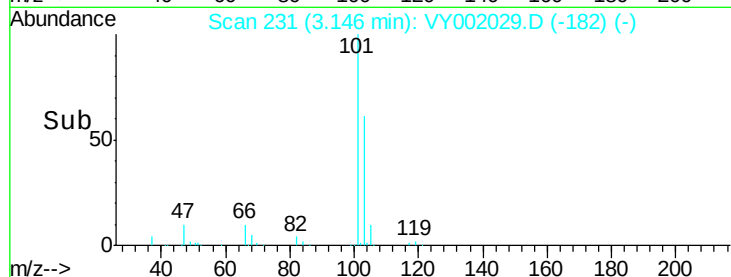
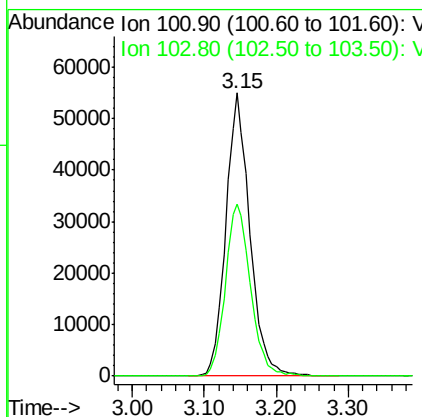
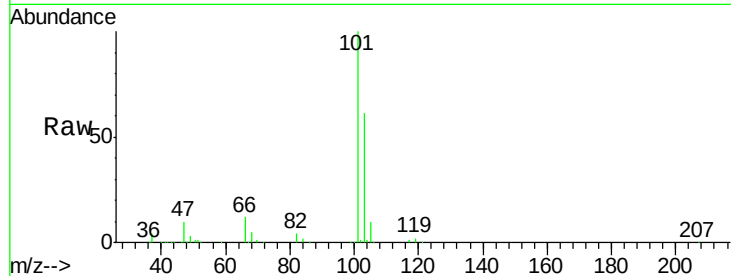
Trichlorofluoromethane
 Concen: 48.239 ug/l
 RT: 3.15 min Scan# 231
 Delta R.T. 0.00 min
 Lab File: VY002029.D
 Acq: 19 Mar 2020 18:31

Instrument :
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 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	60.8	49.1	73.7

Manual Integrations
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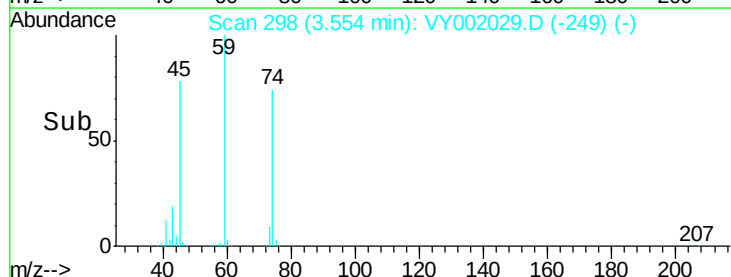
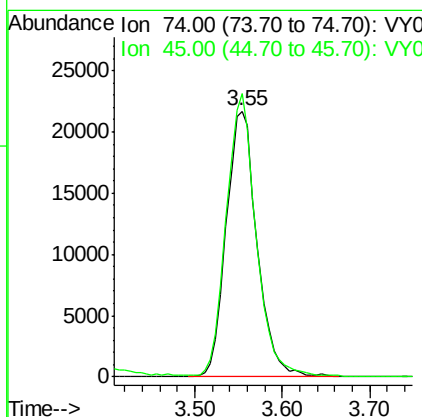
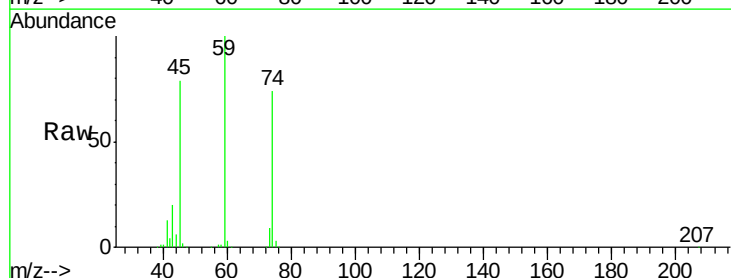
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 3/20/2020 12:06:18 PM

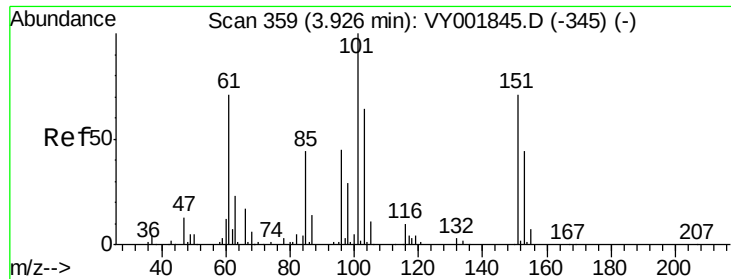


#8

Diethyl Ether
 Concen: 51.074 ug/l
 RT: 3.55 min Scan# 298
 Delta R.T. 0.00 min
 Lab File: VY002029.D
 Acq: 19 Mar 2020 18:31

Tgt Ion	Ratio	Lower	Upper
74	100		
45	102.1	50.5	151.5





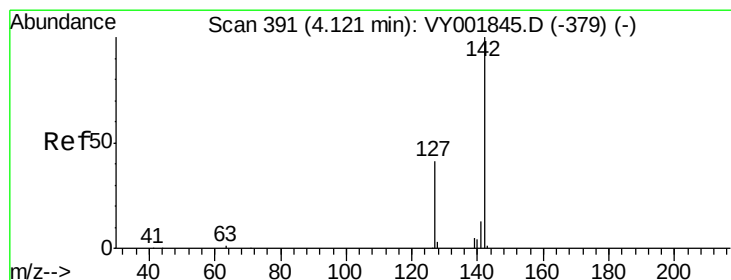
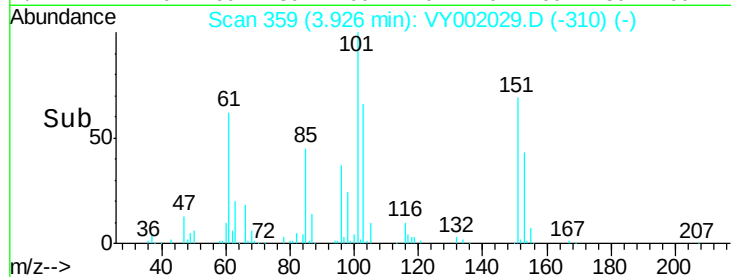
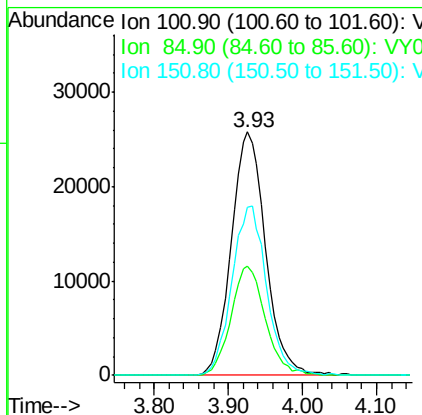
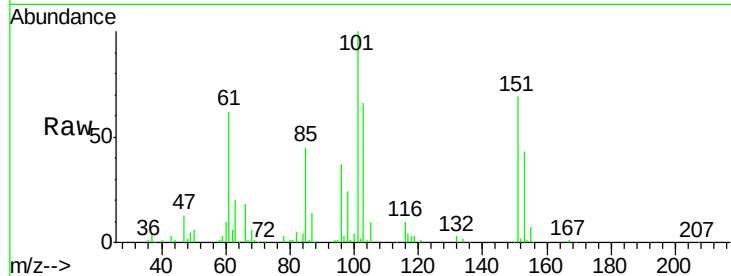
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 48.908 ug/l
 RT: 3.93 min Scan# 359
 Delta R.T. 0.00 min
 Lab File: VY002029.D
 Acq: 19 Mar 2020 18:31

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
85	45.0	35.3	52.9
151	70.3	57.0	85.4

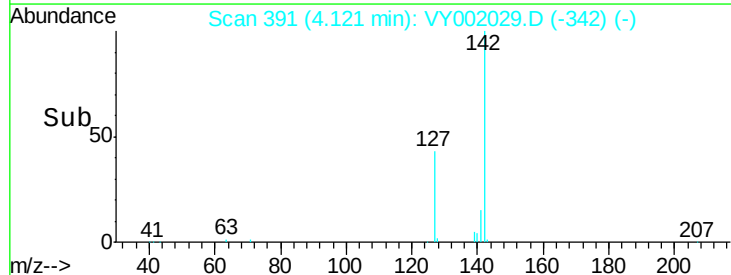
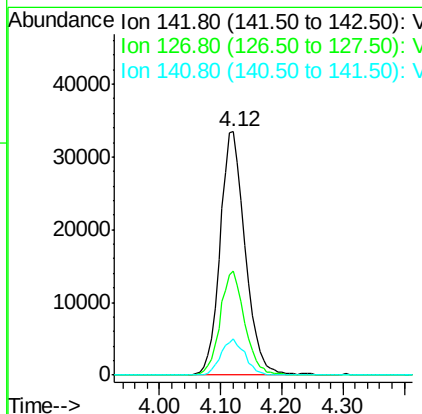
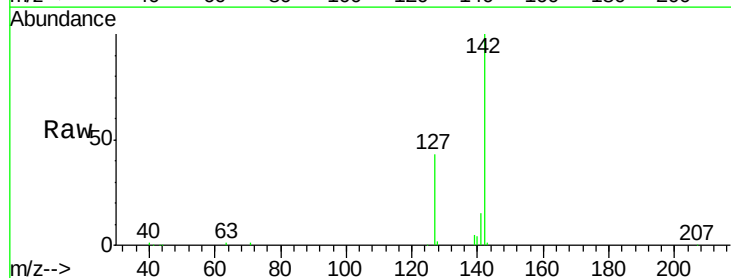
Manual Integrations
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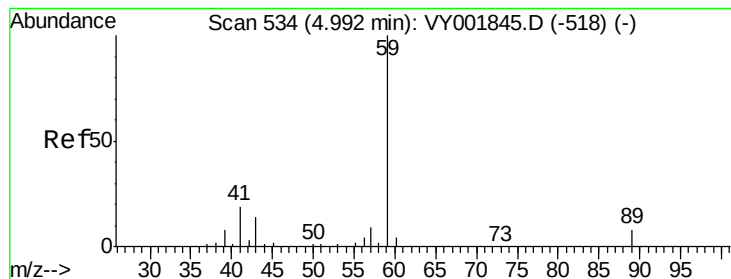
MMDadoda
 3/20/2020 12:06:18 PM



#10
 Methyl Iodide
 Concen: 48.572 ug/l
 RT: 4.12 min Scan# 391
 Delta R.T. 0.00 min
 Lab File: VY002029.D
 Acq: 19 Mar 2020 18:31

Tgt Ion	Ratio	Lower	Upper
142	100		
127	41.6	32.7	49.1
141	14.2	11.0	16.6





#11

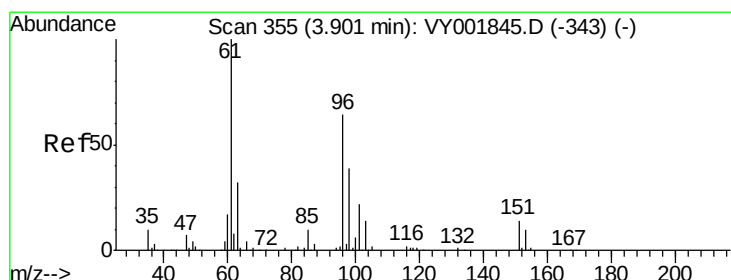
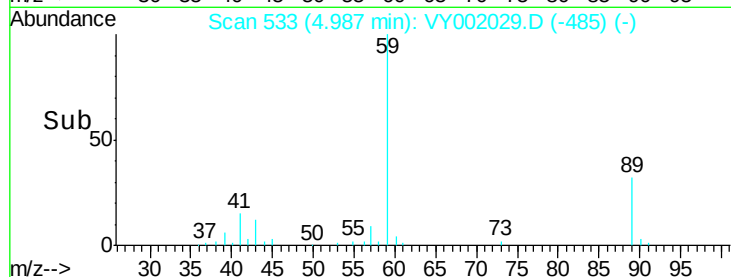
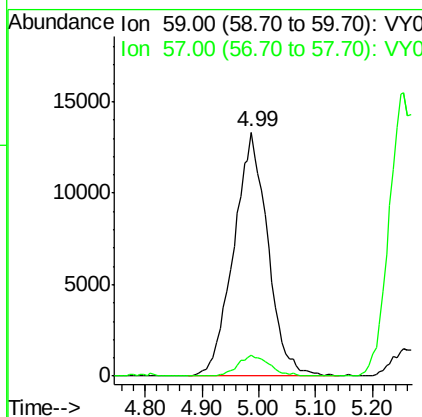
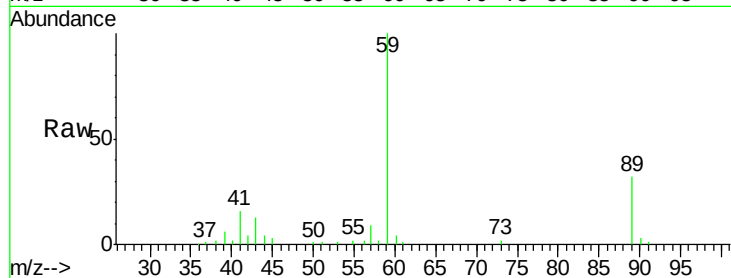
Tert butyl alcohol
Concen: 332.474 ug/l
RT: 4.99 min Scan# 533
Delta R.T. -0.01 min
Lab File: VY002029.D
Acq: 19 Mar 2020 18:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	7.9	7.4	11.2

Manual Integrations
APPROVED

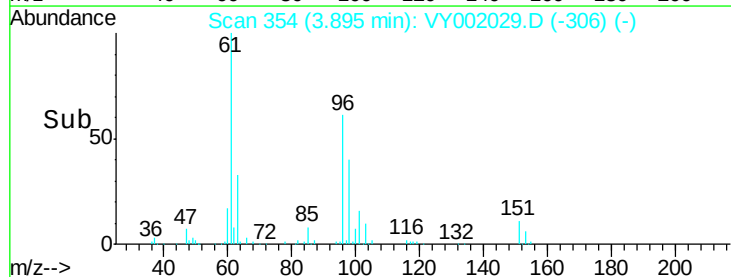
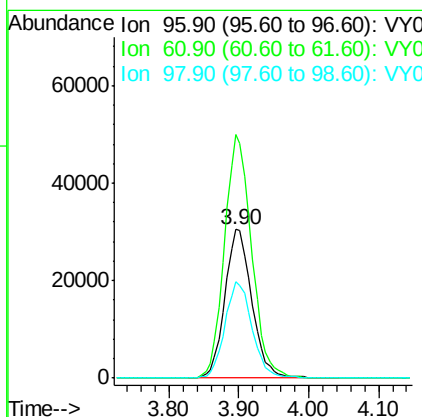
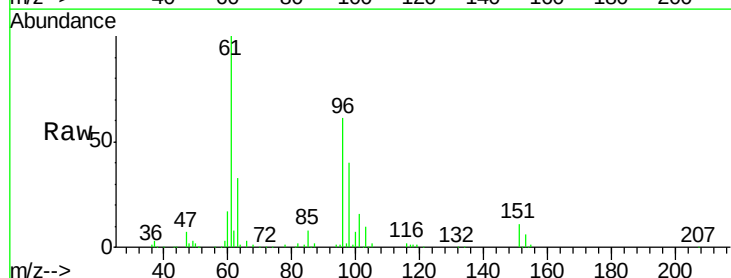
MMDadoda
3/20/2020 12:06:18 PM

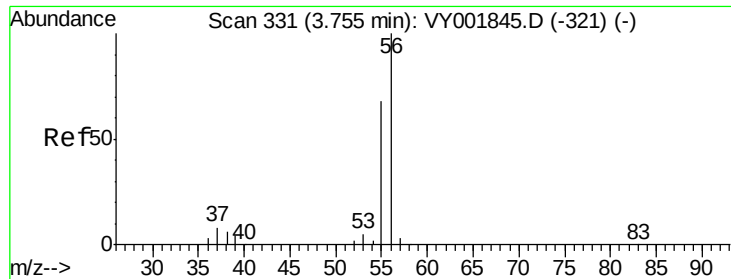


#12

1,1-Dichloroethene
Concen: 47.732 ug/l
RT: 3.90 min Scan# 354
Delta R.T. -0.01 min
Lab File: VY002029.D
Acq: 19 Mar 2020 18:31

Tgt Ion	Ratio	Lower	Upper
96	100		
61	163.6	124.8	187.2
98	64.7	49.2	73.8





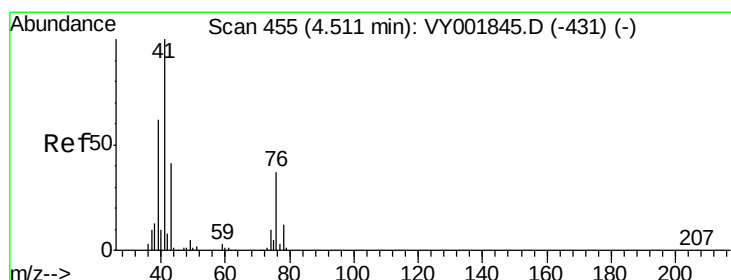
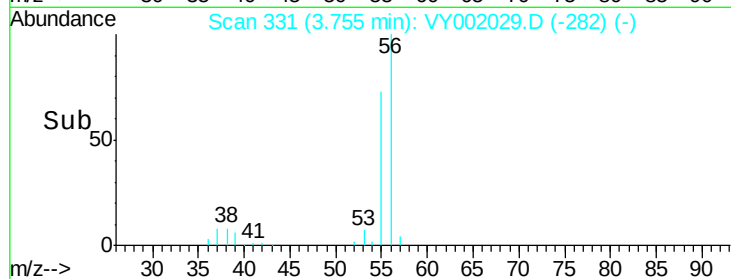
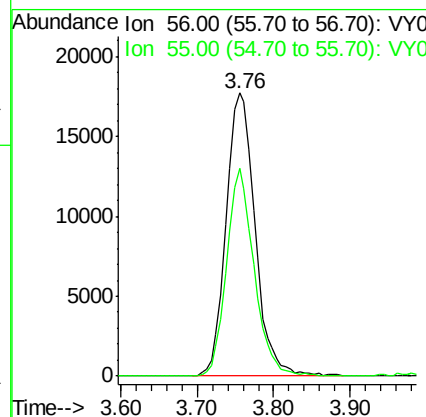
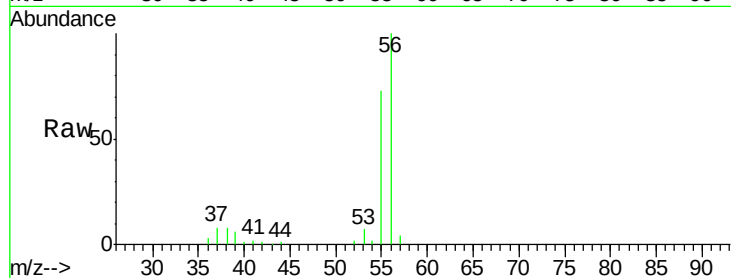
#13
Acrolein
Concen: 201.713 ug/l
RT: 3.76 min Scan# 331
Delta R.T. 0.00 min
Lab File: VY002029.D
Acq: 19 Mar 2020 18:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	56	Resp	46600
Ion Ratio	100	Lower	Upper
55	69.3	54.0	81.0

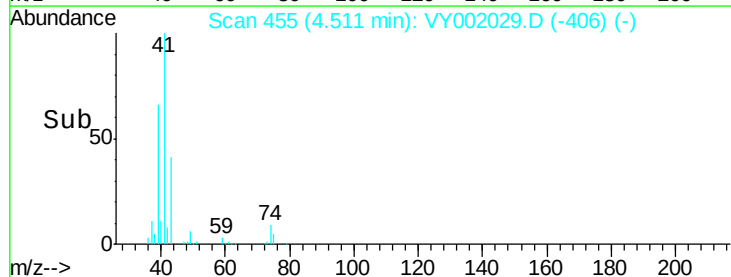
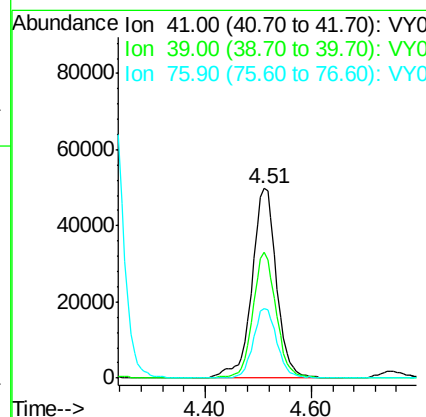
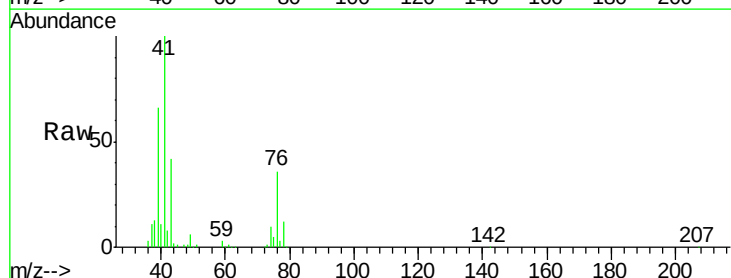
Manual Integrations
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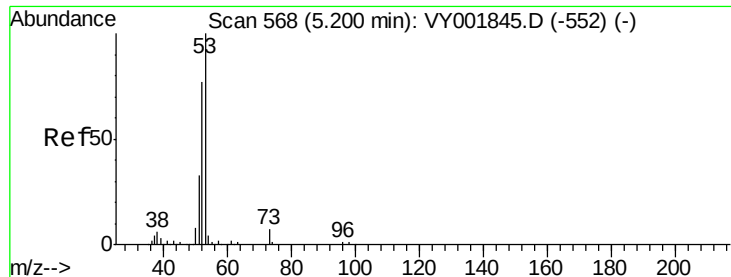
MMDadoda
3/20/2020 12:06:18 PM



#14
Allyl chloride
Concen: 52.227 ug/l
RT: 4.51 min Scan# 455
Delta R.T. 0.00 min
Lab File: VY002029.D
Acq: 19 Mar 2020 18:31

Tgt Ion	41	Resp	158526
Ion Ratio	100	Lower	Upper
39	62.8	49.0	73.6
76	34.9	28.9	43.3





#15

Acrylonitrile

Concen: 251.861 ug/l

RT: 5.20 min Scan# 568

Delta R.T. 0.00 min

Lab File: VY002029.D

Acq: 19 Mar 2020 18:31

Instrument :

MSVOA_Y

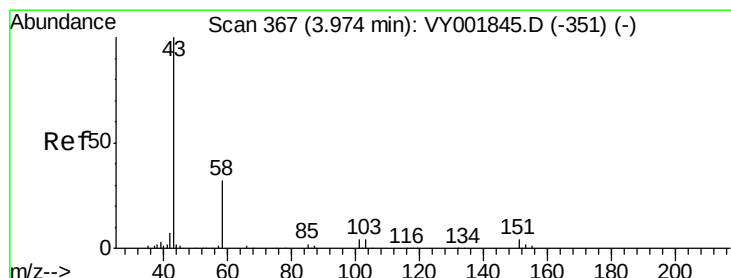
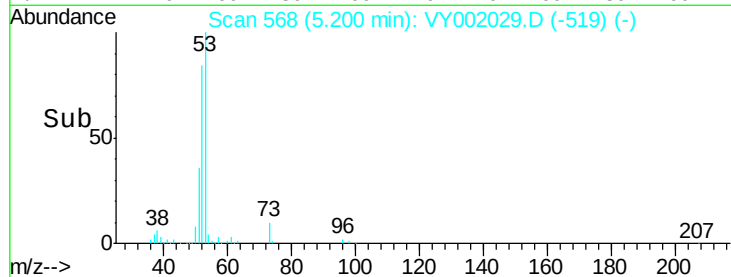
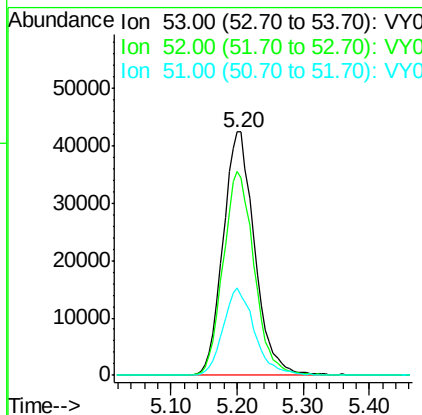
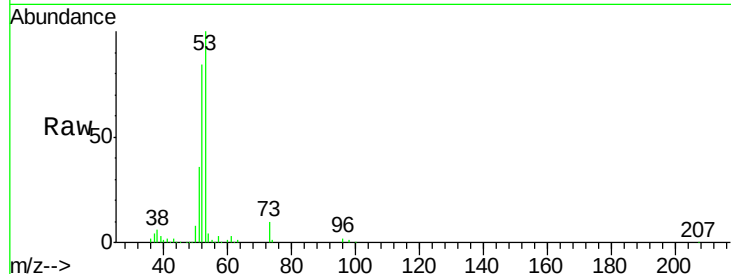
ClientSampleId :

VSTDCCC050EC

Tot Ion	53	Resp	140236
Ion	Ratio	Lower	Upper
53	100		
52	82.1	65.1	97.7
51	35.6	27.5	41.3

Manual Integrations
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#16

Acetone

Concen: 220.080 ug/l

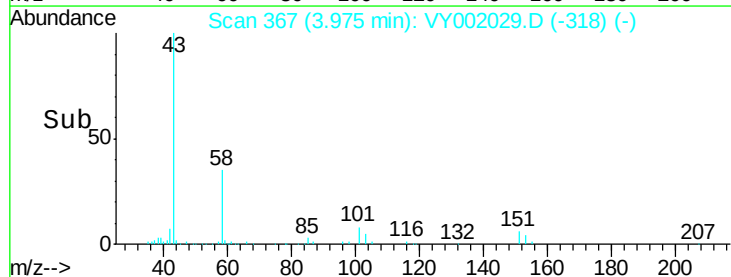
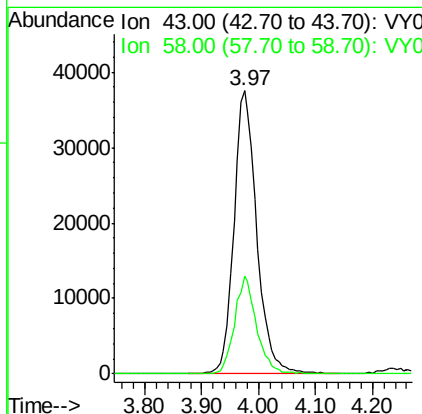
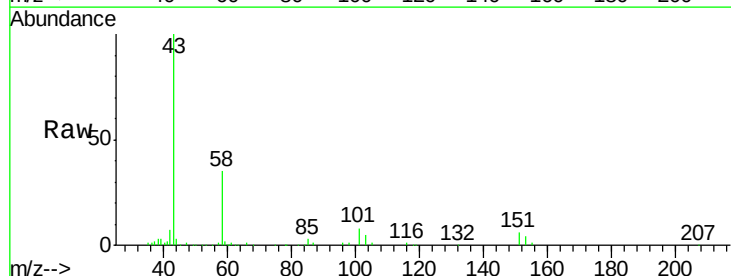
RT: 3.97 min Scan# 367

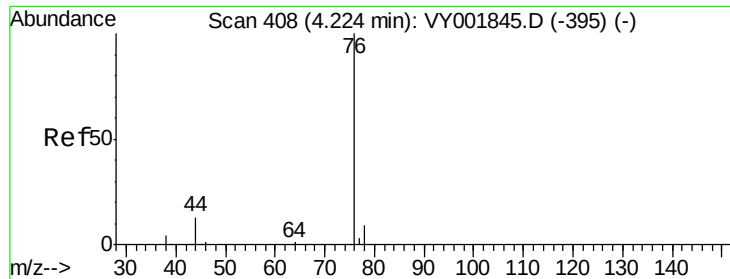
Delta R.T. 0.00 min

Lab File: VY002029.D

Acq: 19 Mar 2020 18:31

Tgt Ion	43	Resp	105381
Ion	Ratio	Lower	Upper
43	100		
58	34.7	25.9	38.9





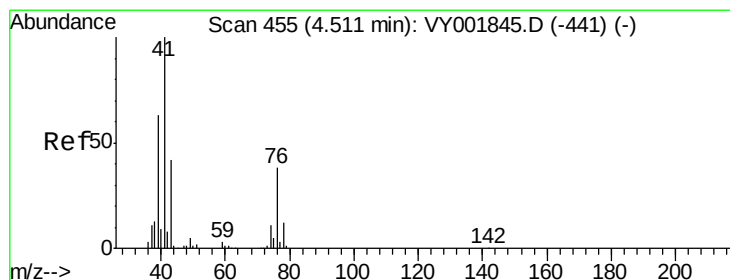
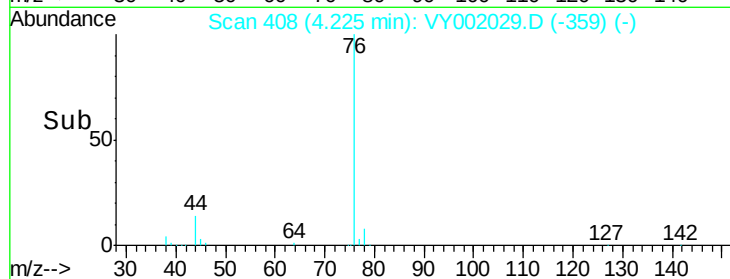
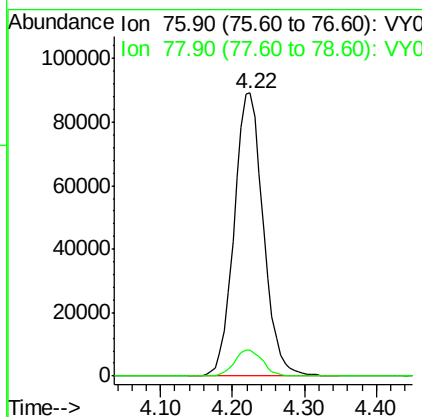
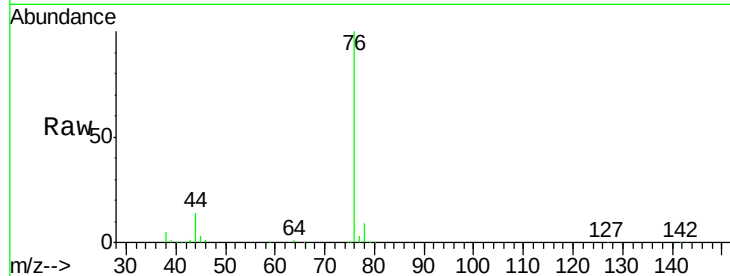
#17
Carbon Disulfide
Concen: 43.600 ug/l
RT: 4.22 min Scan# 408
Delta R.T. 0.00 min
Lab File: VY002029.D
Acq: 19 Mar 2020 18:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.4	11.2

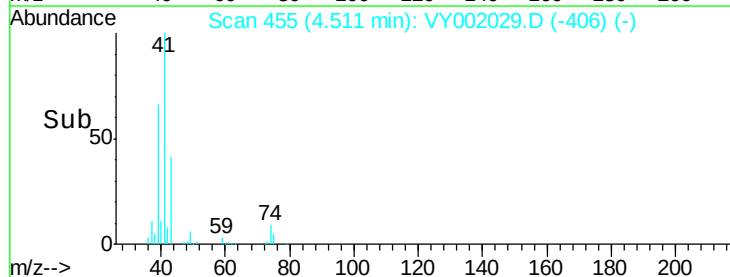
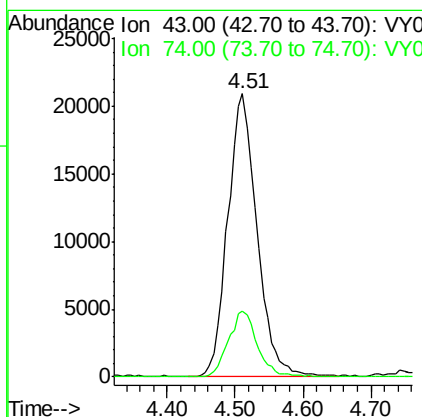
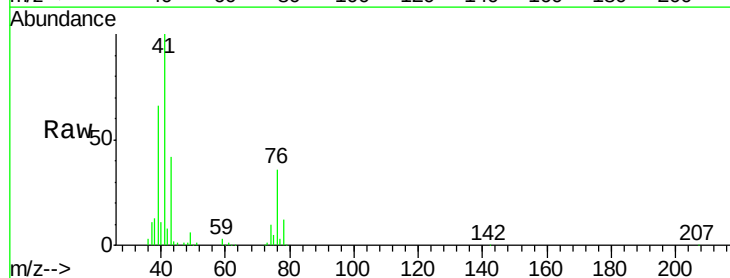
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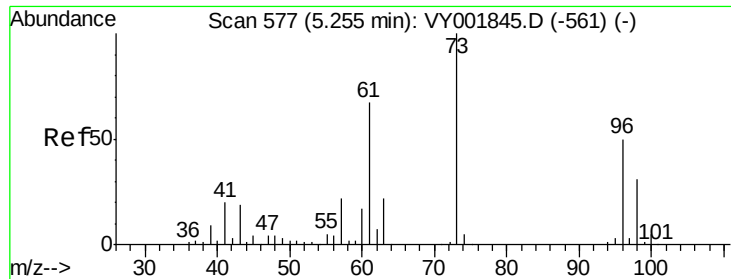
MMDadoda
3/20/2020 12:06:18 PM



#18
Methyl Acetate
Concen: 50.792 ug/l
RT: 4.51 min Scan# 455
Delta R.T. 0.00 min
Lab File: VY002029.D
Acq: 19 Mar 2020 18:31

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.7	19.0	28.6





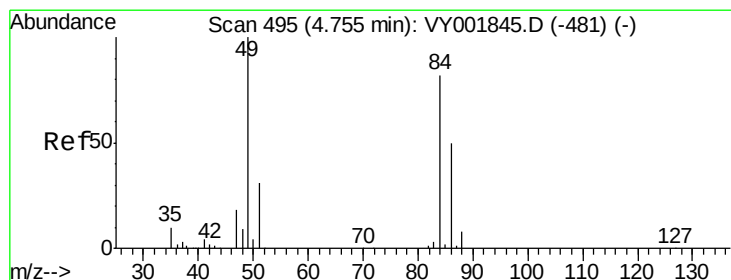
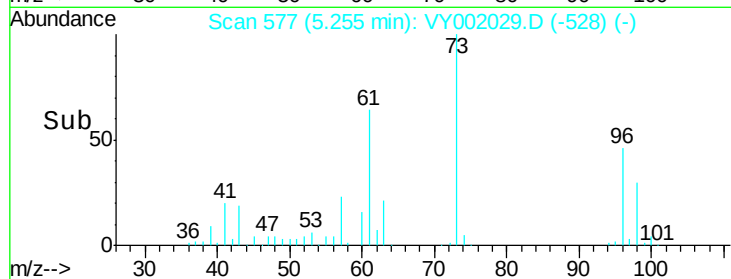
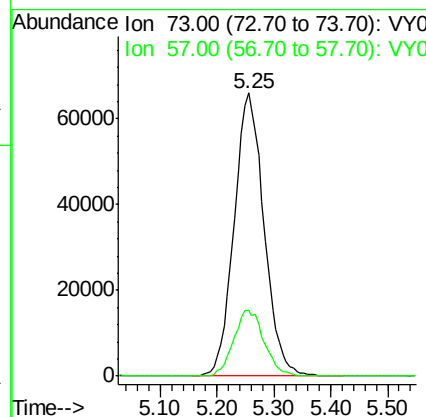
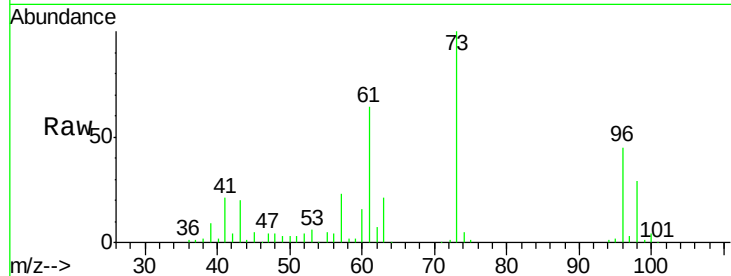
#19
Methyl tert-butyl Ether
Concen: 52.148 ug/l
RT: 5.25 min Scan# 577
Delta R.T. 0.00 min
Lab File: VY002029.D
Acq: 19 Mar 2020 18:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	23.4	17.4	26.2

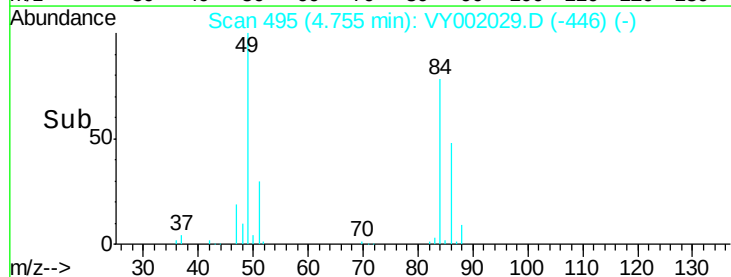
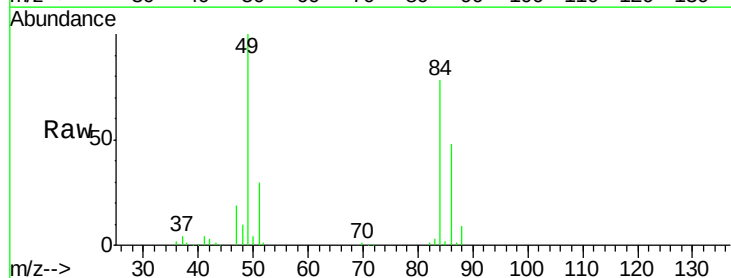
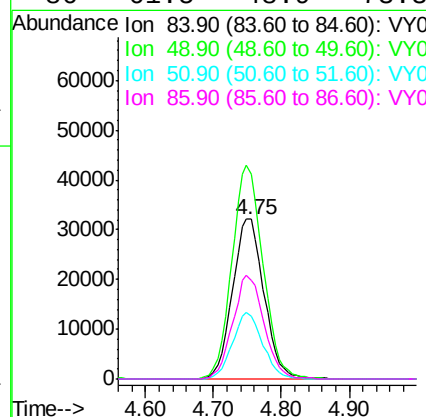
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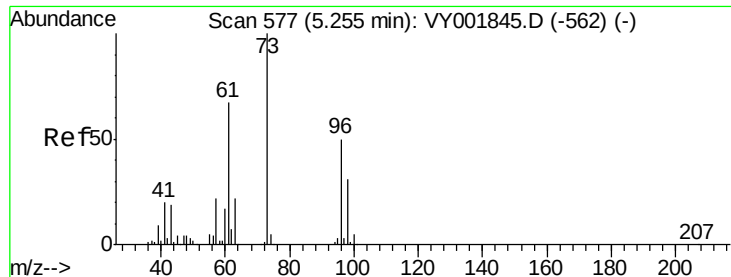
MMDadoda
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#20
Methylene Chloride
Concen: 50.180 ug/l
RT: 4.75 min Scan# 495
Delta R.T. 0.00 min
Lab File: VY002029.D
Acq: 19 Mar 2020 18:31

Tgt Ion	Ratio	Lower	Upper
84	100		
49	128.3	98.2	147.2
51	39.0	30.2	45.2
86	61.5	48.9	73.3





#21

trans-1,2-Dichloroethene

Concen: 49.475 ug/l

RT: 5.25 min Scan# 576

Delta R.T. -0.01 min

Lab File: VY002029.D

Acq: 19 Mar 2020 18:31

Instrument :

MSVOA_Y

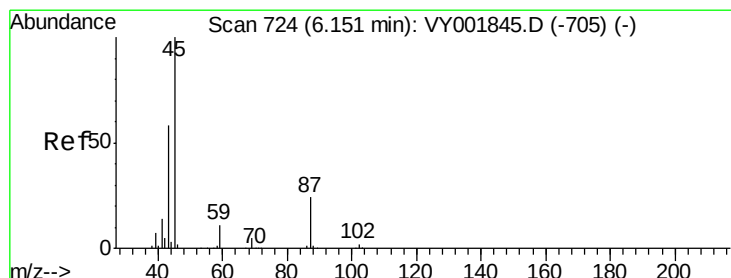
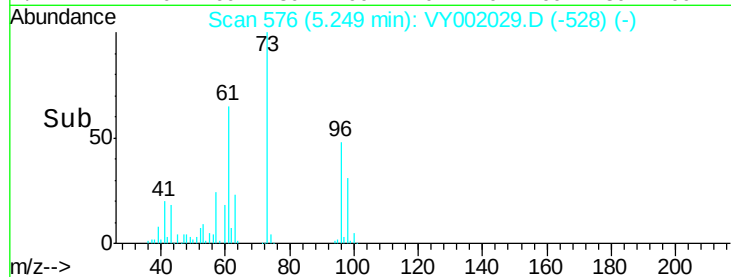
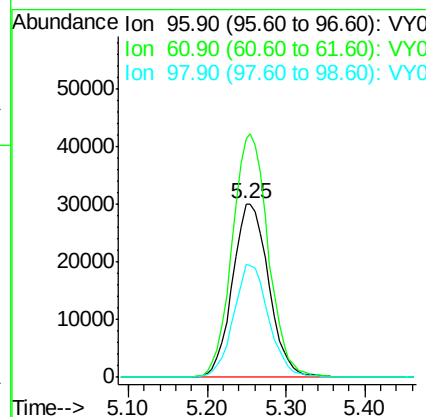
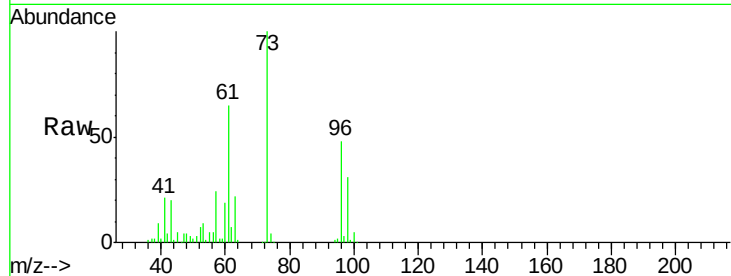
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	96146
Ion	Ratio	Lower	Upper
96	100		
61	136.7	107.7	161.5
98	65.3	49.3	73.9

Manual Integrations
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#22

Diisopropyl ether

Concen: 54.366 ug/l

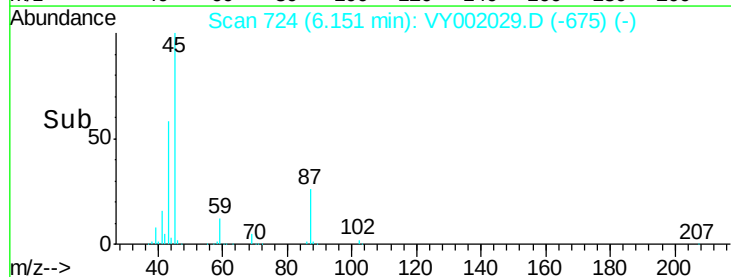
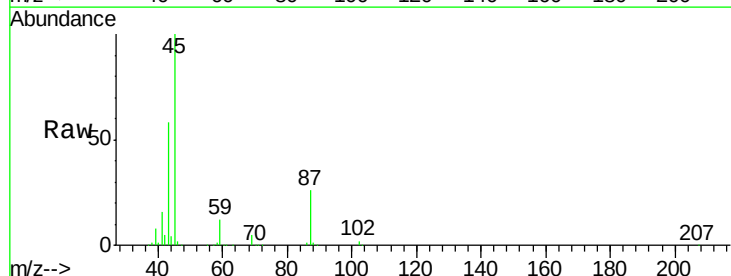
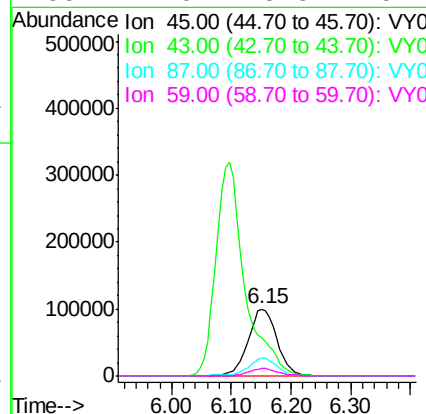
RT: 6.15 min Scan# 724

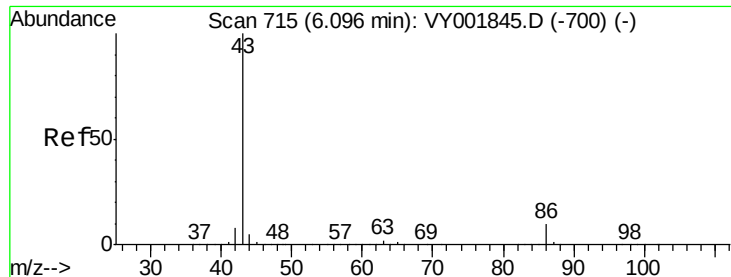
Delta R.T. 0.00 min

Lab File: VY002029.D

Acq: 19 Mar 2020 18:31

Tgt Ion:	45	Resp:	338255
Ion	Ratio	Lower	Upper
45	100		
43	57.7	47.2	70.8
87	26.1	19.8	29.8
59	12.0	8.8	13.2





#23

Vinyl Acetate

Concen: 263.479 ug/l

RT: 6.10 min Scan# 715

Delta R.T. 0.00 min

Lab File: VY002029.D

Acq: 19 Mar 2020 18:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1074688

Ion Ratio Lower Upper

43 100

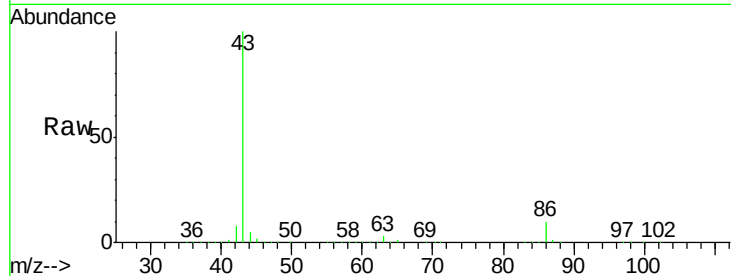
86 10.2 7.8 11.8

Manual Integrations

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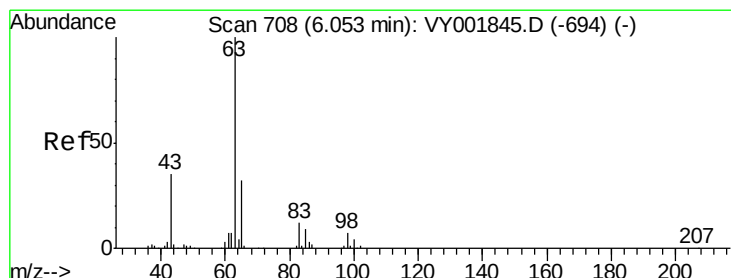
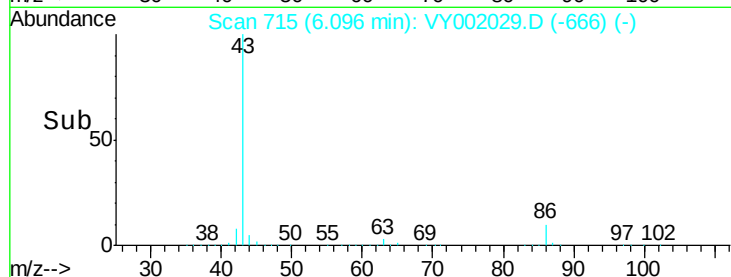
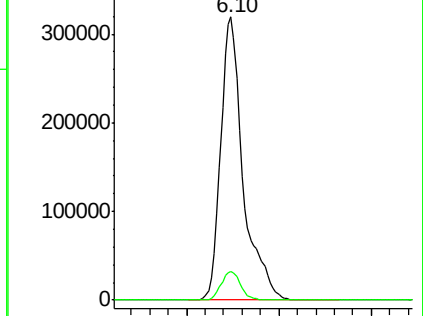
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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 52.514 ug/l

RT: 6.05 min Scan# 708

Delta R.T. 0.00 min

Lab File: VY002029.D

Acq: 19 Mar 2020 18:31

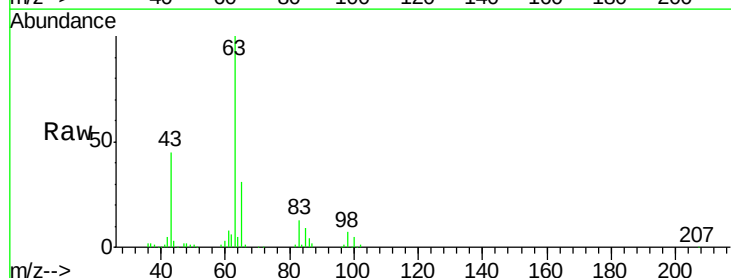
Tgt Ion: 63 Resp: 176936

Ion Ratio Lower Upper

63 100

98 7.0 3.4 10.2

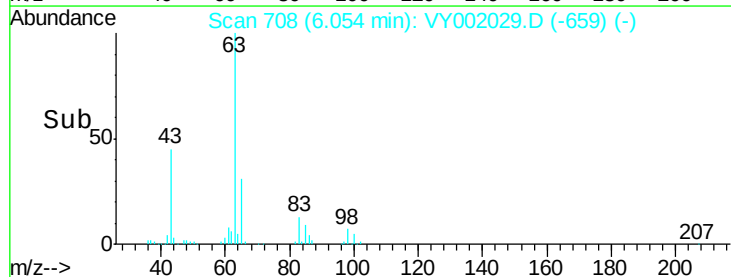
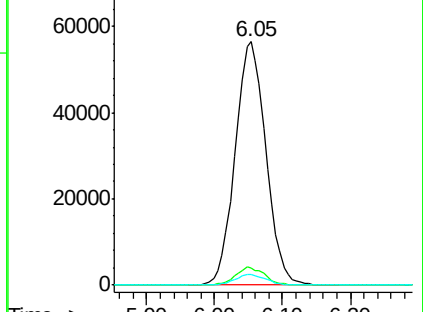
100 4.5 2.0 6.0

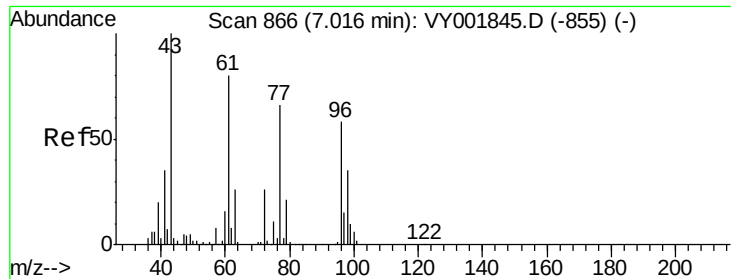


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 245.831 ug/l

RT: 7.02 min Scan# 866

Delta R.T. 0.00 min

Lab File: VY002029.D

Acq: 19 Mar 2020 18:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 179007

Ion Ratio Lower Upper

43 100

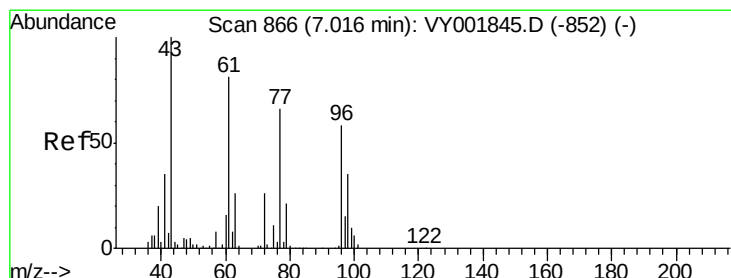
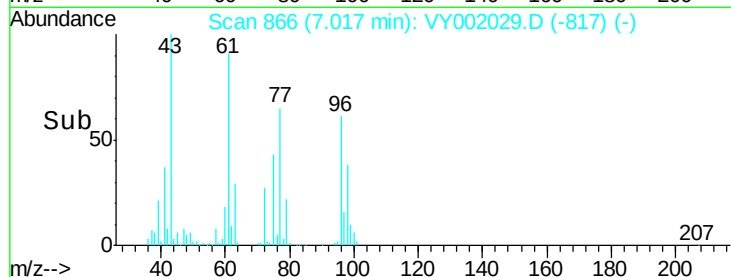
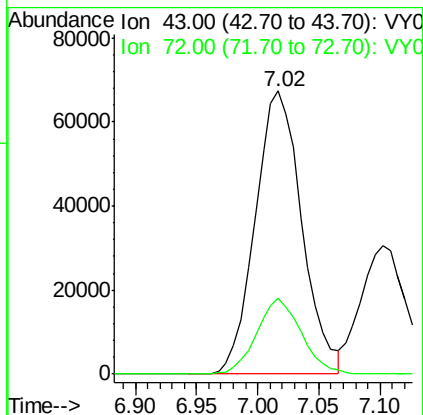
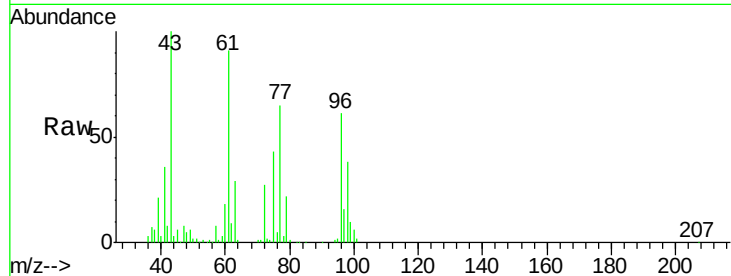
72 26.7 20.9 31.3

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 51.071 ug/l

RT: 7.01 min Scan# 865

Delta R.T. -0.01 min

Lab File: VY002029.D

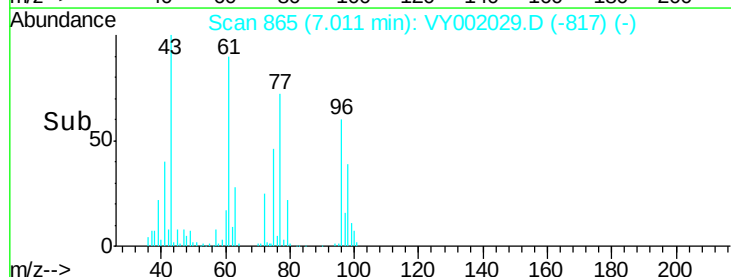
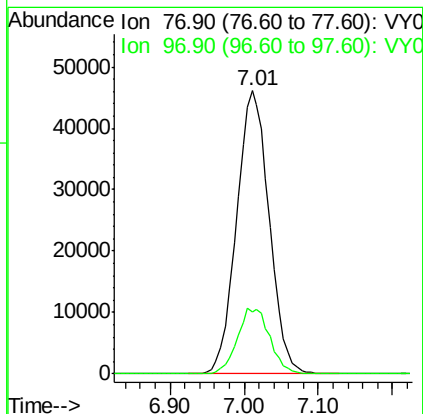
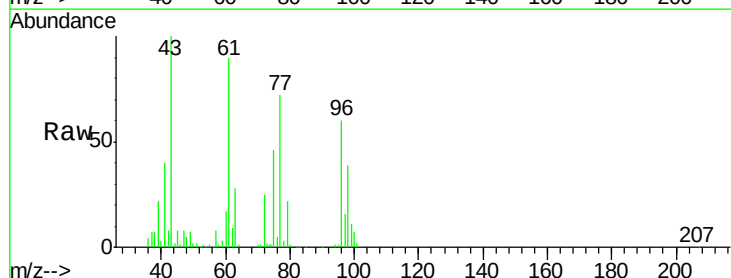
Acq: 19 Mar 2020 18:31

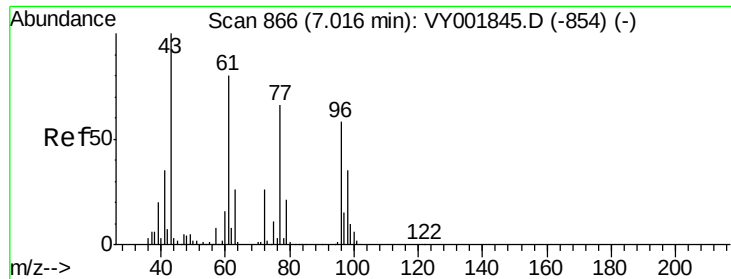
Tgt Ion: 77 Resp: 141234

Ion Ratio Lower Upper

77 100

97 22.9 11.9 35.7





#27

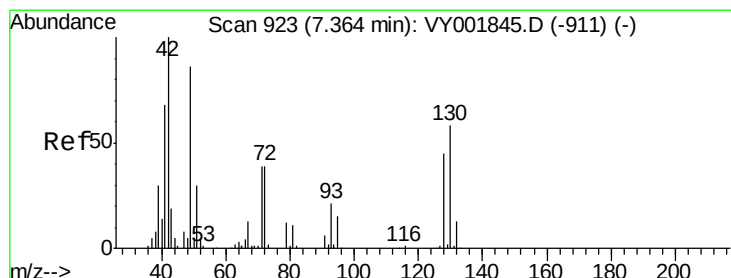
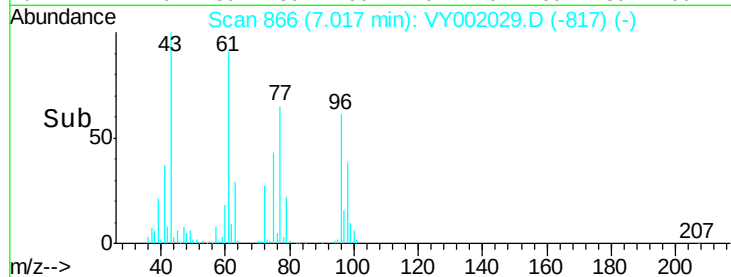
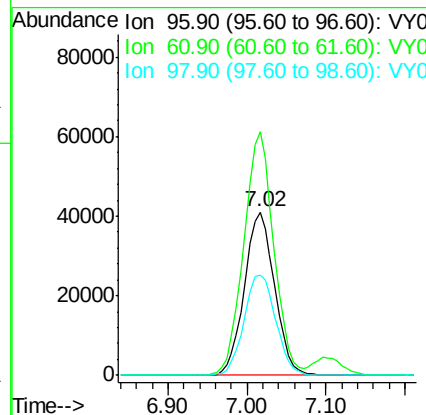
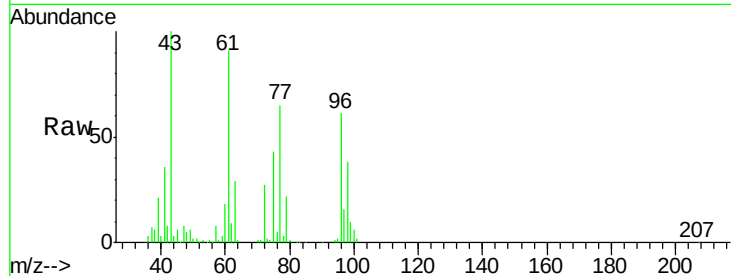
cis-1,2-Dichloroethene
Concen: 51.799 ug/l
RT: 7.02 min Scan# 866
Delta R.T. 0.00 min
Lab File: VY002029.D
Acq: 19 Mar 2020 18:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	148.0	0.0	288.2	
98	64.7	0.0	129.0	

Manual Integrations
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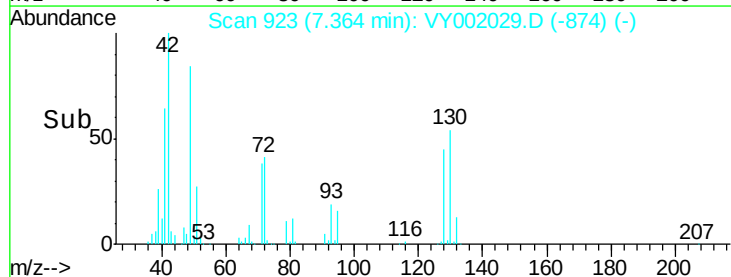
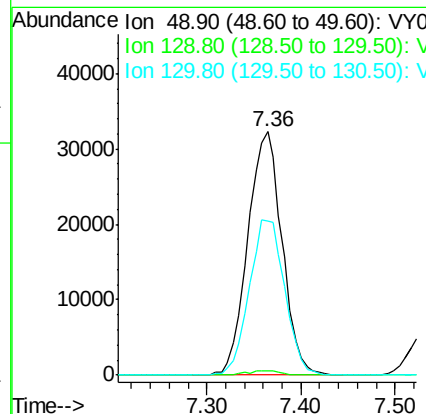
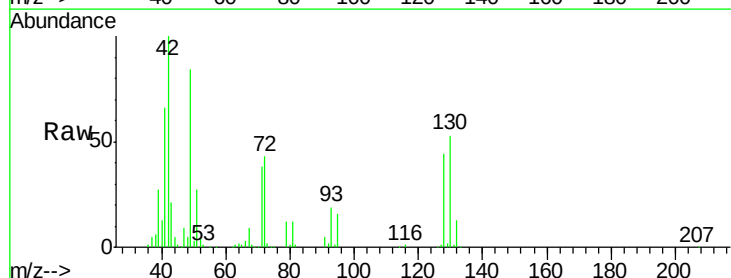
MMDadoda
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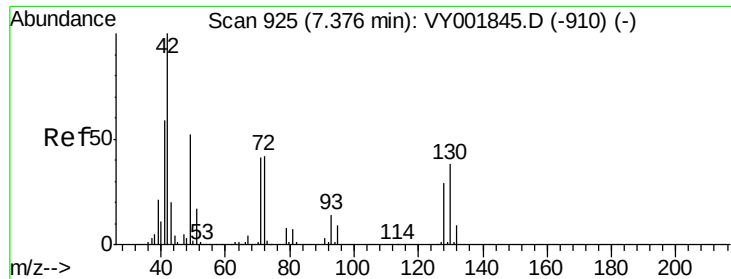


#28

Bromochloromethane
Concen: 53.986 ug/l
RT: 7.36 min Scan# 923
Delta R.T. 0.00 min
Lab File: VY002029.D
Acq: 19 Mar 2020 18:31

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	1.8	0.0	3.8	
130	66.6	54.4	81.6	





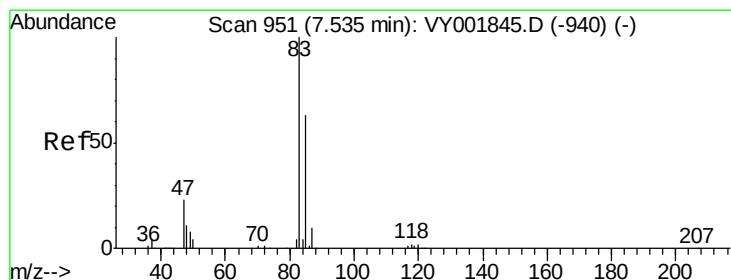
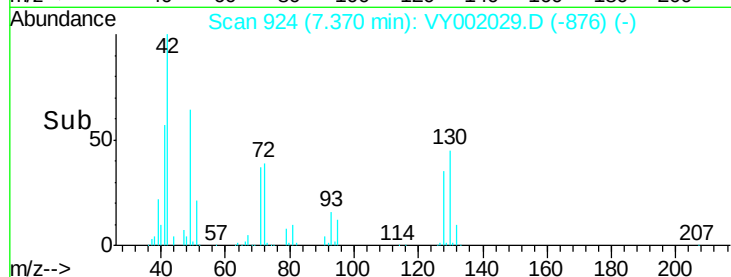
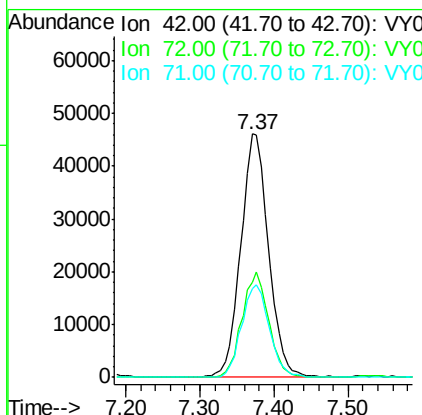
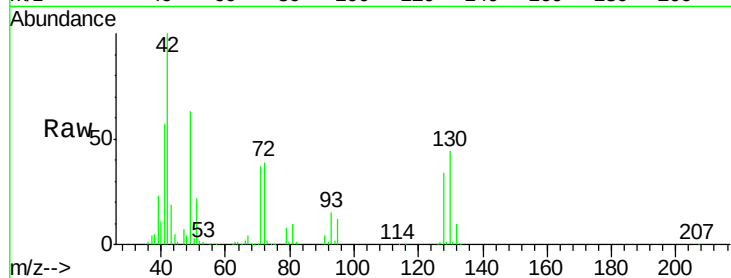
#29
Tetrahydrofuran
Concen: 250.442 ug/l
RT: 7.37 min Scan# 924
Delta R.T. -0.01 min
Lab File: VY002029.D
Acq: 19 Mar 2020 18:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.6	33.5	50.3
71	37.9	31.3	46.9

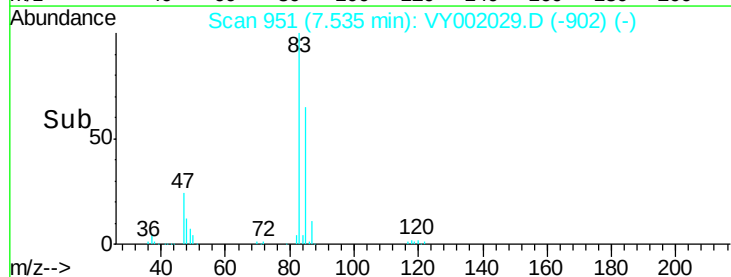
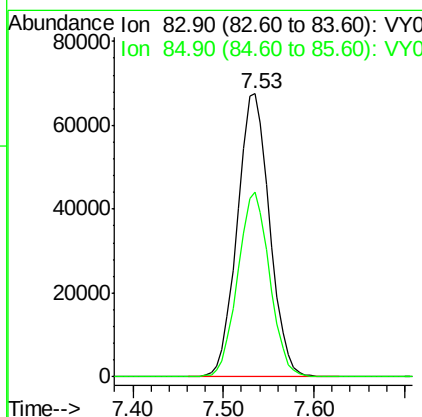
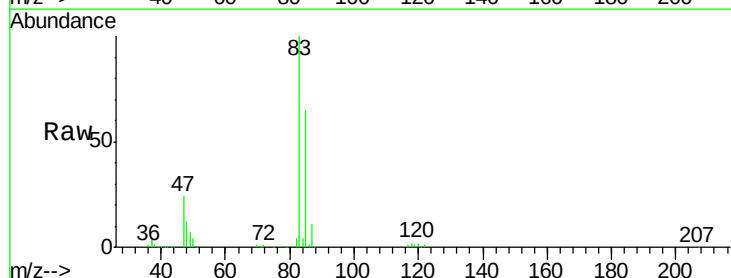
Manual Integrations
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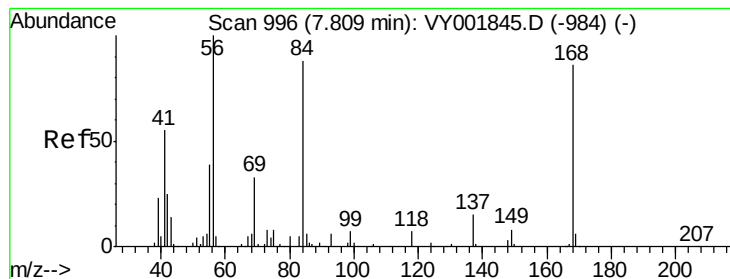
MMDadoda
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#30
Chloroform
Concen: 52.724 ug/l
RT: 7.53 min Scan# 951
Delta R.T. 0.00 min
Lab File: VY002029.D
Acq: 19 Mar 2020 18:31

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.4	50.7	76.1





#31

Cyclohexane

Concen: 46.231 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.00 min

Lab File: VY002029.D

Acq: 19 Mar 2020 18:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 167015

Ion Ratio Lower Upper

56 100

69 33.0 26.7 40.1

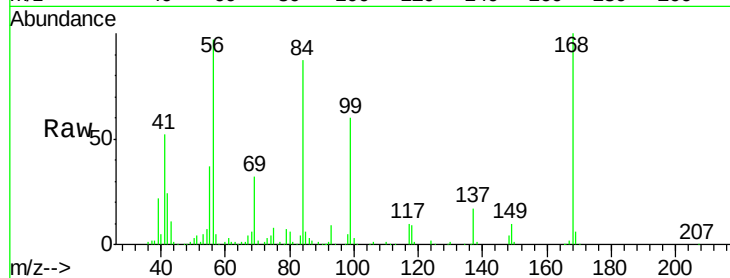
84 88.0 70.4 105.6

Manual Integrations

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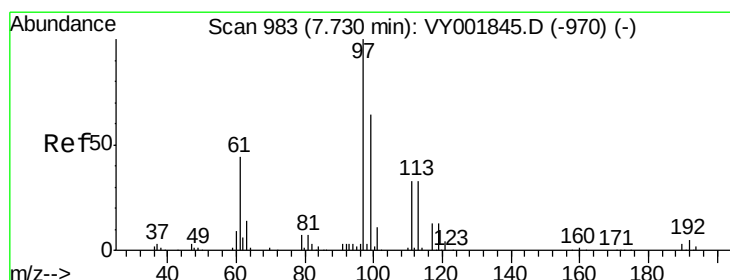
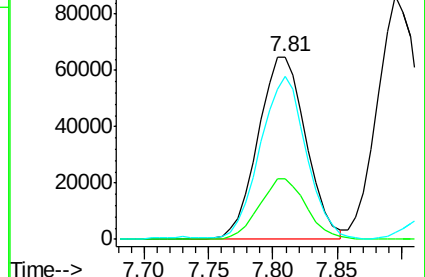
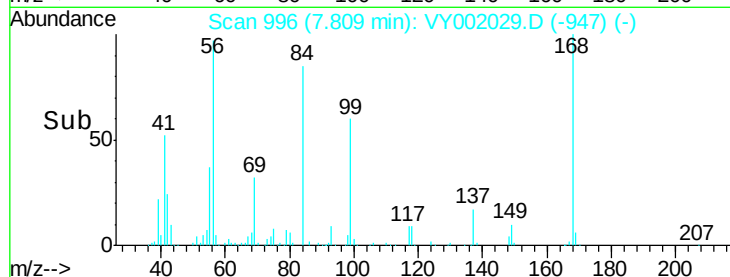
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Abundance Ion 56.00 (55.70 to 56.70): VY002029.D (-947) (-)

Ion 69.00 (68.70 to 69.70): VY002029.D (-947) (-)

Ion 84.00 (83.70 to 84.70): VY002029.D (-947) (-)



#32

1,1,1-Trichloroethane

Concen: 52.540 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.01 min

Lab File: VY002029.D

Acq: 19 Mar 2020 18:31

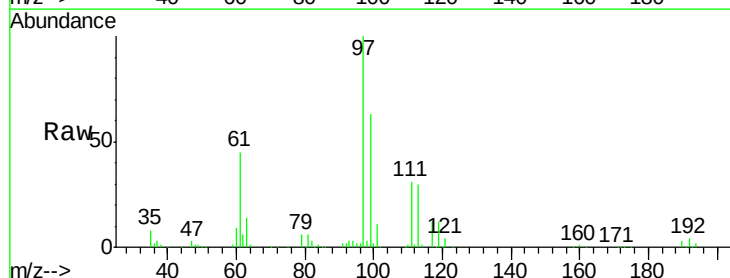
Tgt Ion: 97 Resp: 140180

Ion Ratio Lower Upper

97 100

99 64.5 52.0 78.0

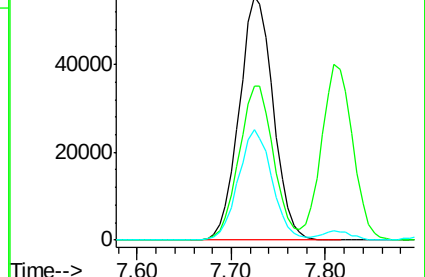
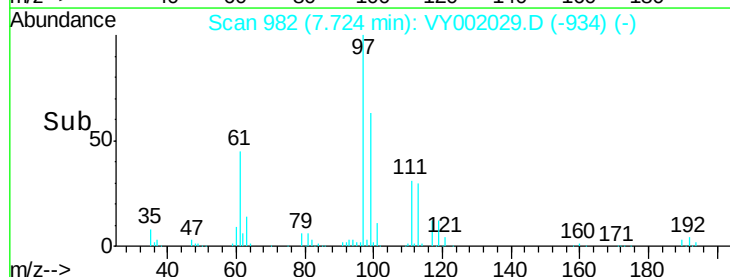
61 45.1 35.0 52.4

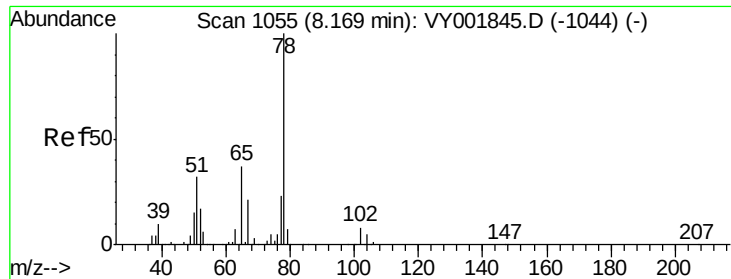


Abundance Ion 96.90 (96.60 to 97.60): VY002029.D (-934) (-)

Ion 98.90 (98.60 to 99.60): VY002029.D (-934) (-)

Ion 60.90 (60.60 to 61.60): VY002029.D (-934) (-)





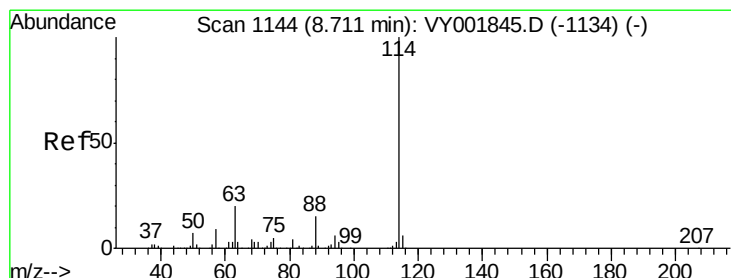
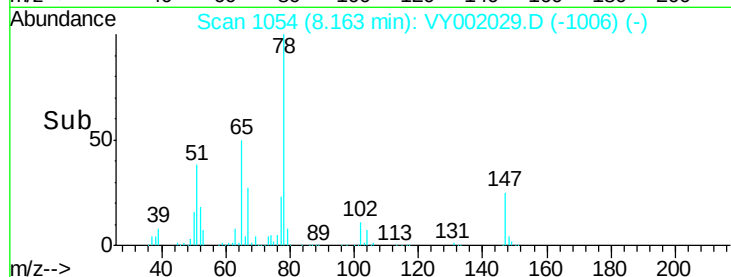
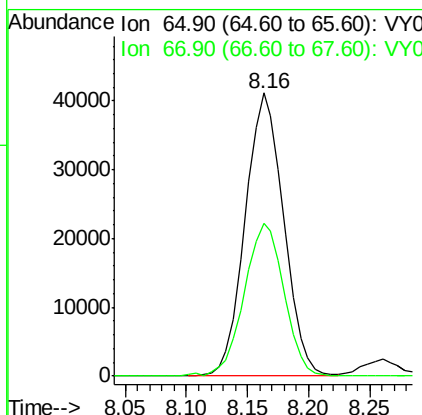
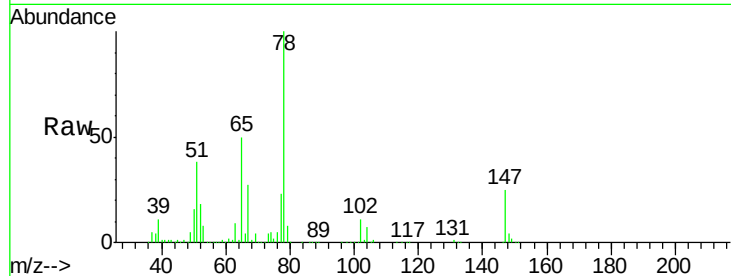
#33
 1,2-Dichloroethane-d4
 Concen: 54.961 ug/l
 RT: 8.16 min Scan# 1054
 Delta R.T. -0.01 min
 Lab File: VY002029.D
 Acq: 19 Mar 2020 18:31

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	55.7	0.0	110.8	

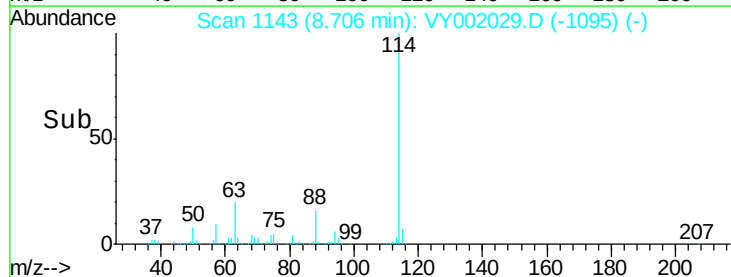
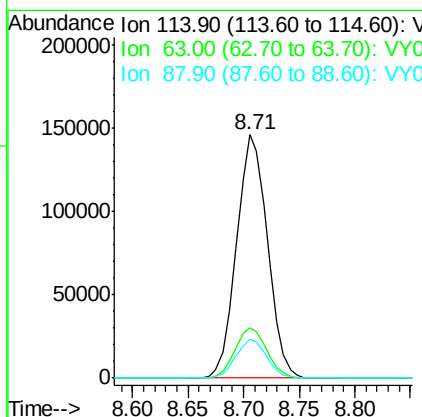
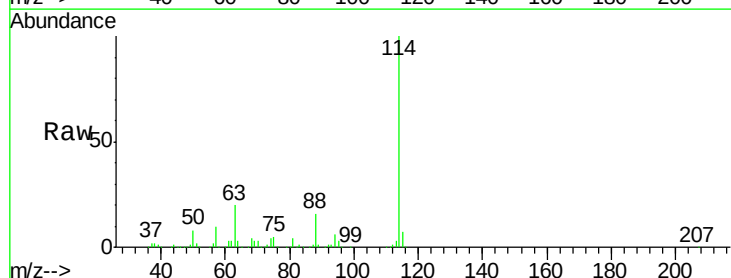
Manual Integrations
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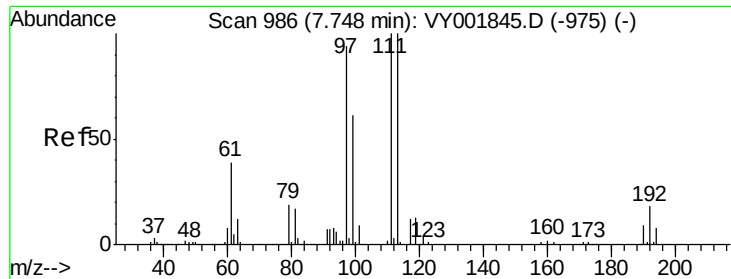
MMDadoda
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. -0.01 min
 Lab File: VY002029.D
 Acq: 19 Mar 2020 18:31

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	20.5	0.0	39.4	
88	15.8	0.0	30.4	





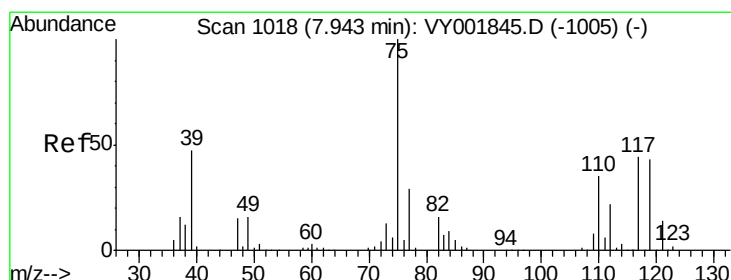
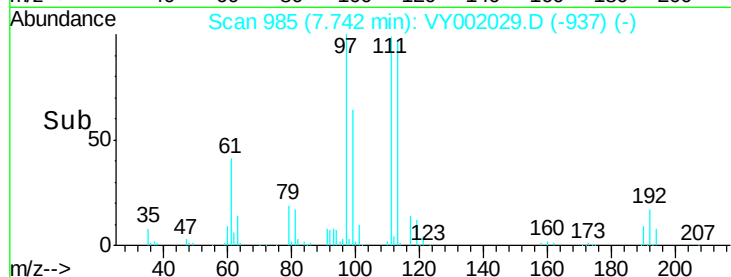
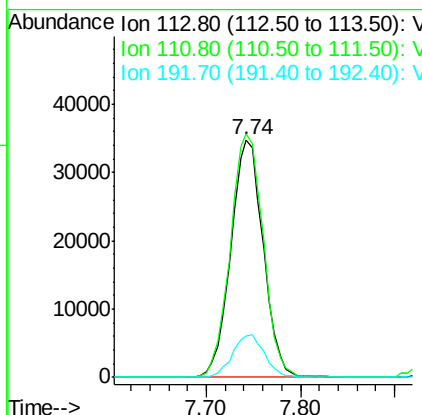
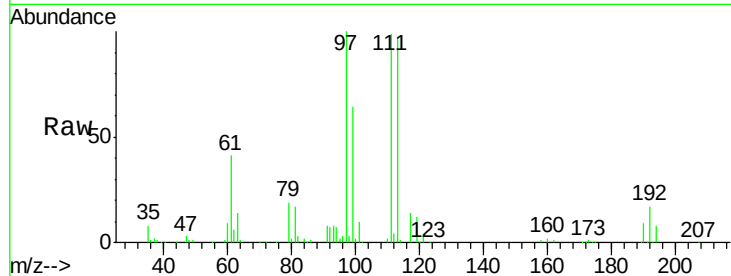
#35
 Dibromofluoromethane
 Concen: 54.106 ug/l
 RT: 7.74 min Scan# 985
 Delta R.T. -0.01 min
 Lab File: VY002029.D
 Acq: 19 Mar 2020 18:31

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
113	100		
111	104.4	81.8	122.8
192	17.9	14.2	21.2

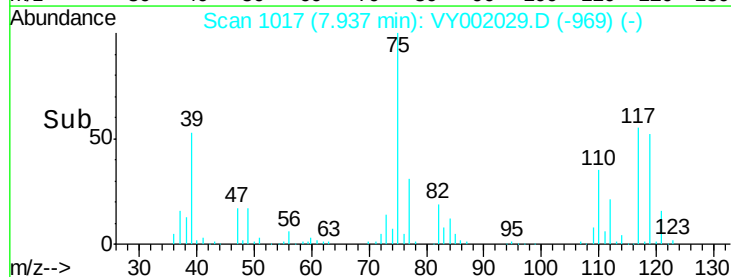
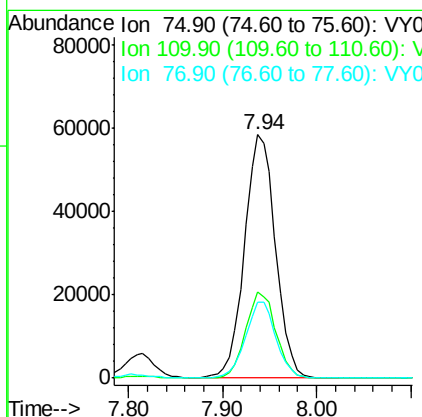
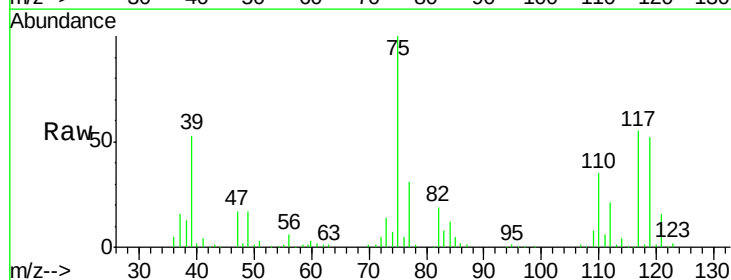
Manual Integrations
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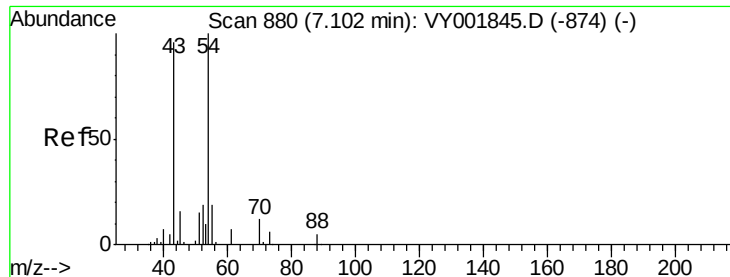
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#36
 1,1-Dichloropropene
 Concen: 49.915 ug/l
 RT: 7.94 min Scan# 1017
 Delta R.T. -0.01 min
 Lab File: VY002029.D
 Acq: 19 Mar 2020 18:31

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.5	17.4	52.2
77	30.8	24.2	36.2





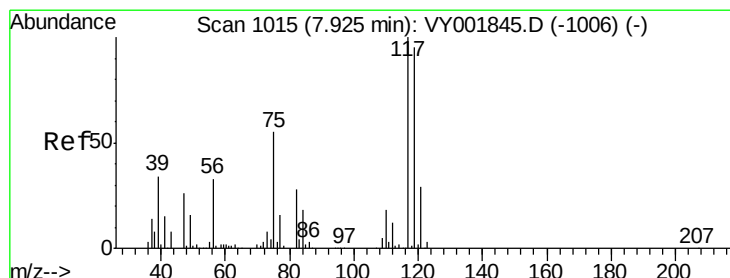
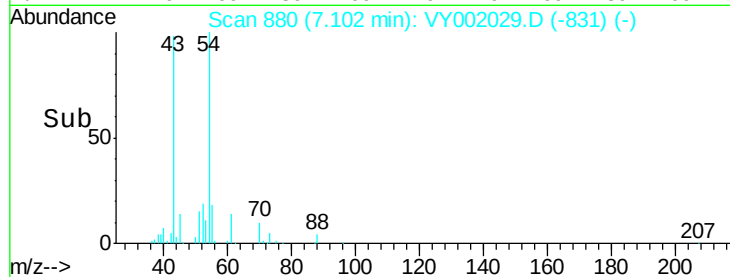
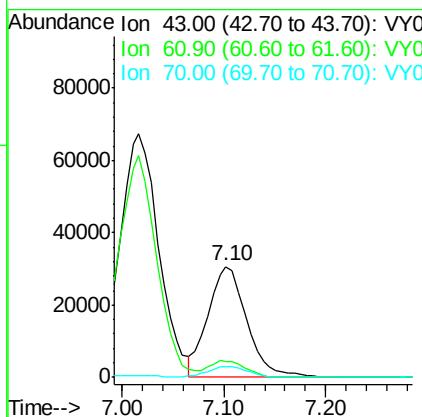
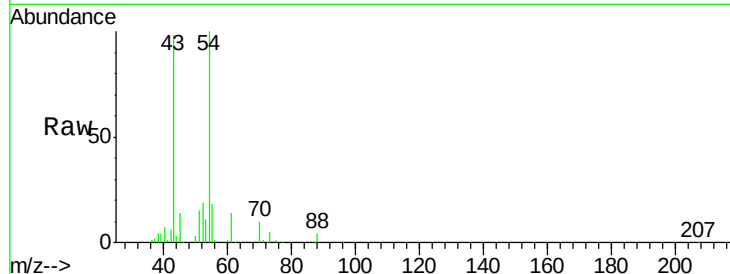
#37
Ethyl Acetate
Concen: 51.301 ug/l
RT: 7.10 min Scan# 880
Delta R.T. 0.00 min
Lab File: VY002029.D
Acq: 19 Mar 2020 18:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.6	11.1	16.7
70	10.1	8.2	12.4

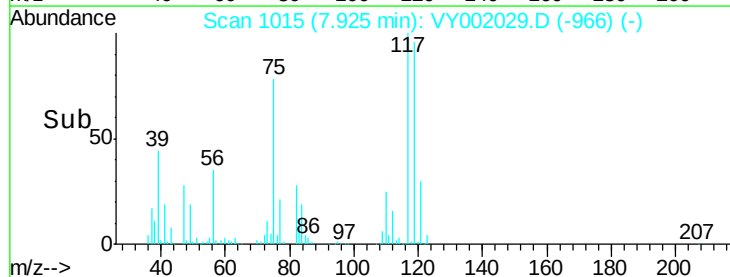
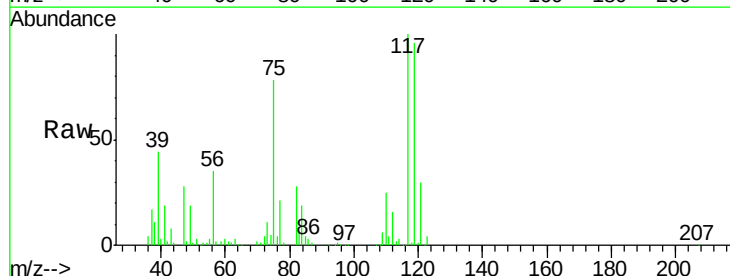
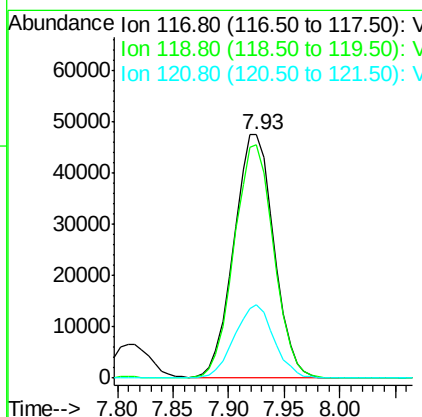
Manual Integrations
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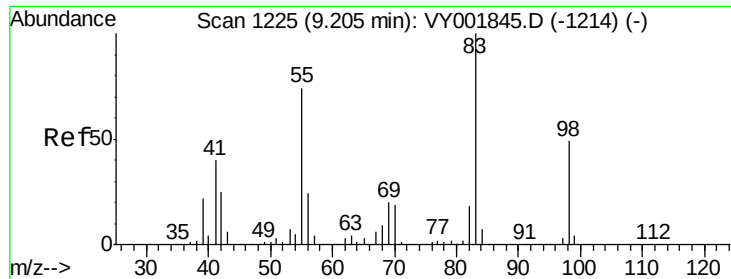
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#38
Carbon Tetrachloride
Concen: 51.431 ug/l
RT: 7.93 min Scan# 1015
Delta R.T. 0.00 min
Lab File: VY002029.D
Acq: 19 Mar 2020 18:31

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.1	76.3	114.5
121	30.3	23.5	35.3





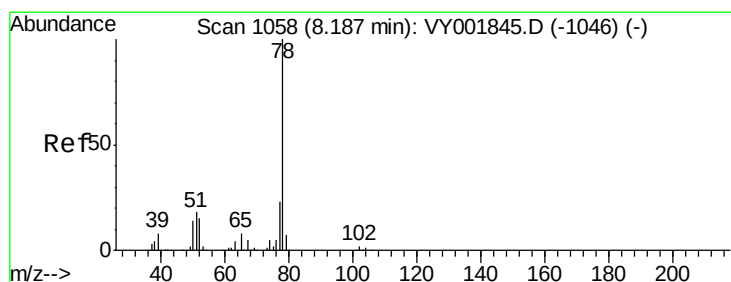
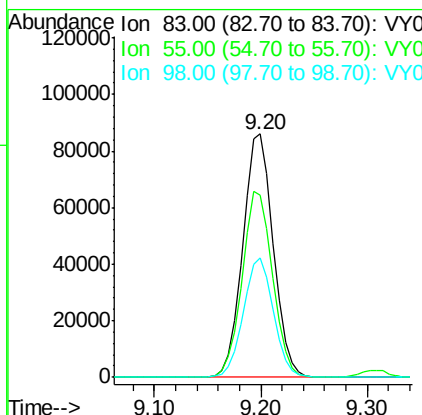
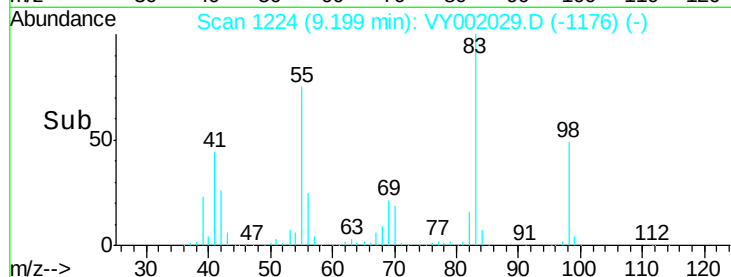
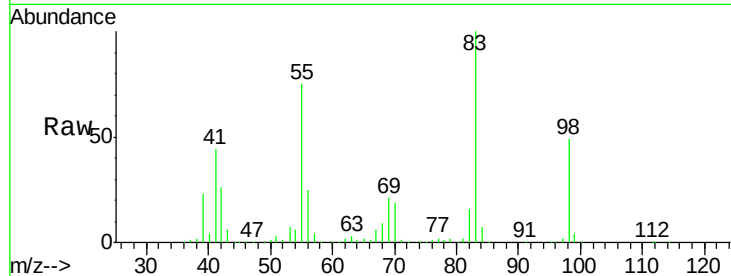
#39
Methylvlcyclohexane
Concen: 48.170 ug/l
RT: 9.20 min Scan# 1224
Delta R.T. -0.01 min
Lab File: VY002029.D
Acq: 19 Mar 2020 18:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	74.8	59.4	89.0
98	48.9	38.9	58.3

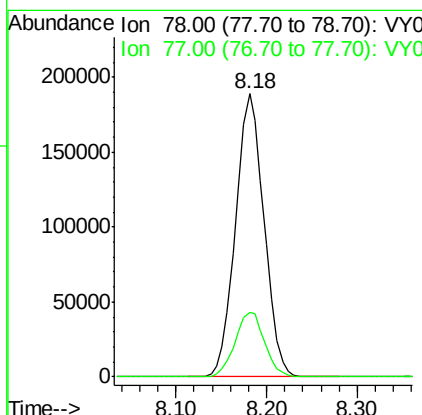
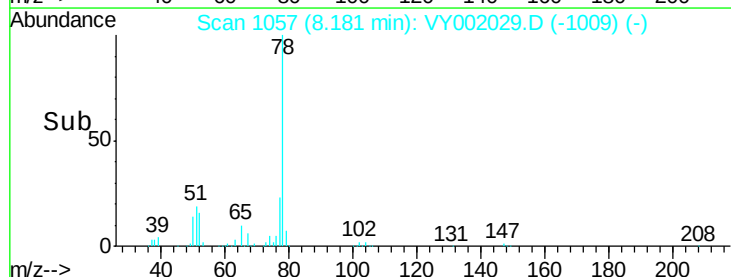
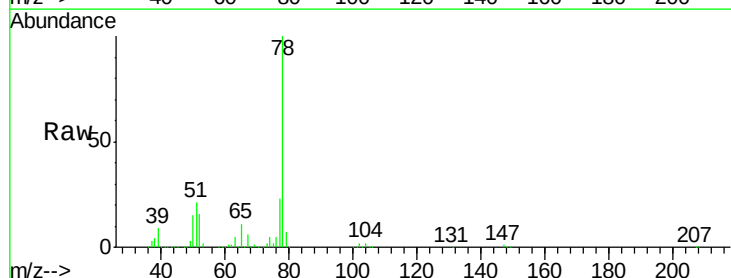
Manual Integrations
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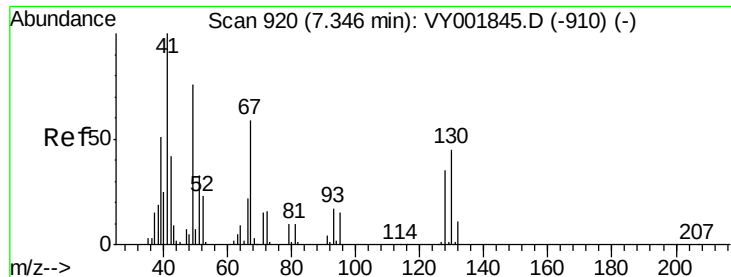
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#40
Benzene
Concen: 51.192 ug/l
RT: 8.18 min Scan# 1057
Delta R.T. -0.01 min
Lab File: VY002029.D
Acq: 19 Mar 2020 18:31

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.8	18.7	28.1





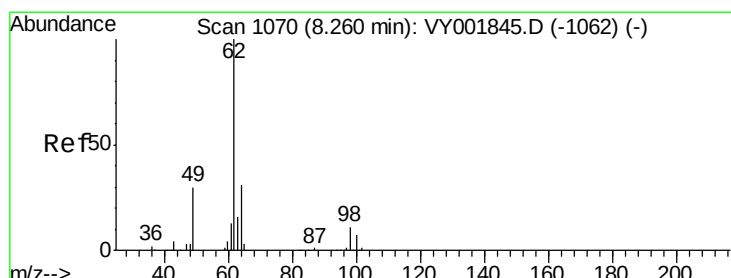
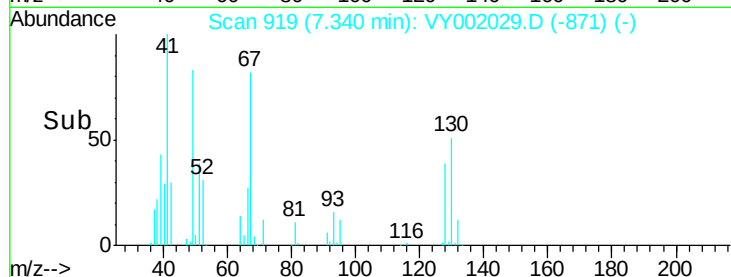
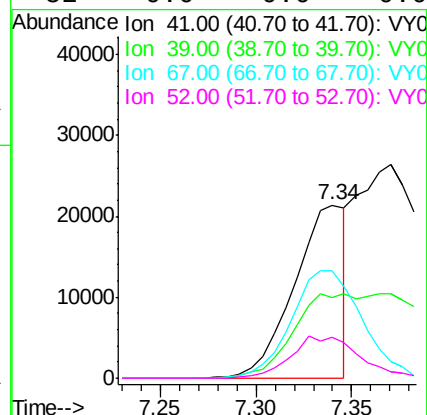
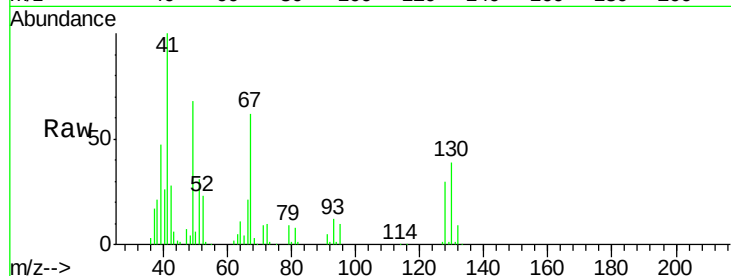
#41
Methacrylonitrile
Concen: 57.483 ug/l m
RT: 7.34 min Scan# 919
Delta R.T. -0.01 min
Lab File: VY002029.D
Acq: 19 Mar 2020 18:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
41	100		
39	0.0	111.7	167.5#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

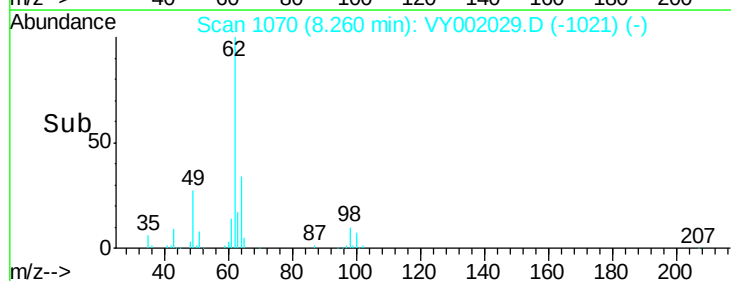
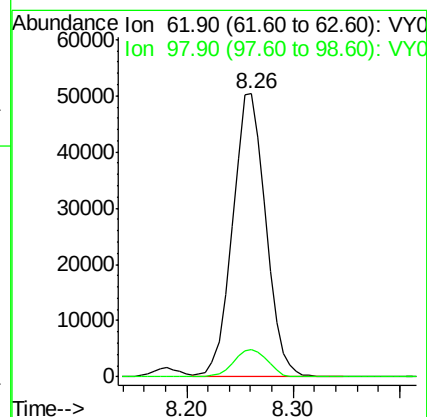
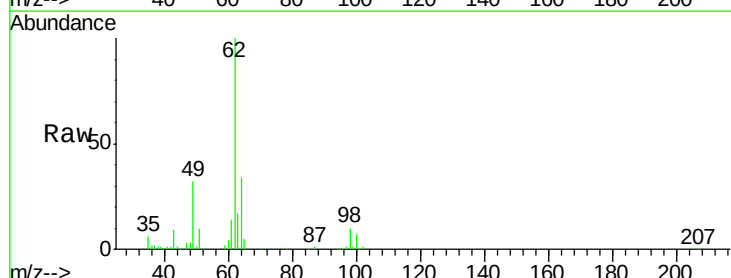
Manual Integrations
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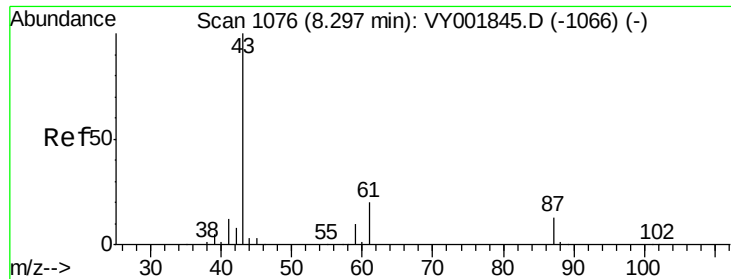
MMDadoda
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#42
1,2-Dichloroethane
Concen: 53.337 ug/l
RT: 8.26 min Scan# 1070
Delta R.T. 0.00 min
Lab File: VY002029.D
Acq: 19 Mar 2020 18:31

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	21.4





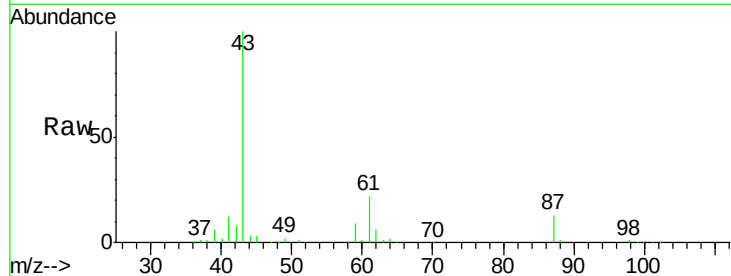
#43
Isopropyl Acetate
Concen: 51.812 ug/l
RT: 8.29 min Scan# 1075
Delta R.T. -0.01 min
Lab File: VY002029.D
Acq: 19 Mar 2020 18:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

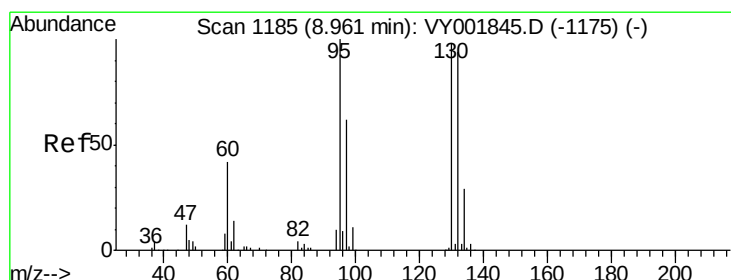
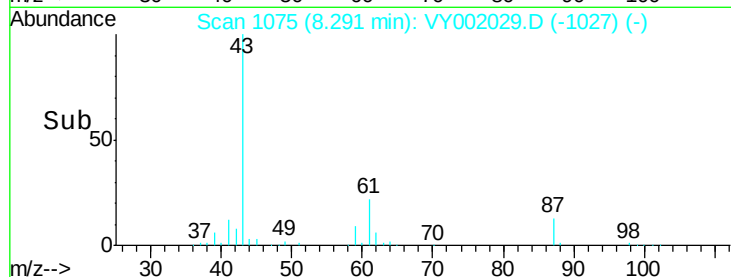
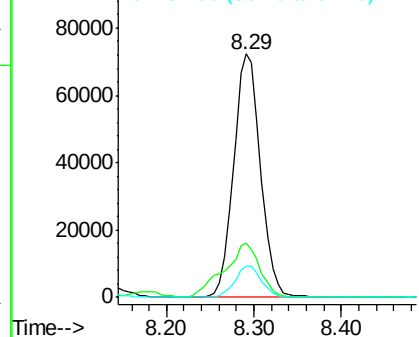
Tot Ion	Ratio	Lower	Upper
43	100		
61	29.4	23.8	35.6
87	12.8	10.9	16.3

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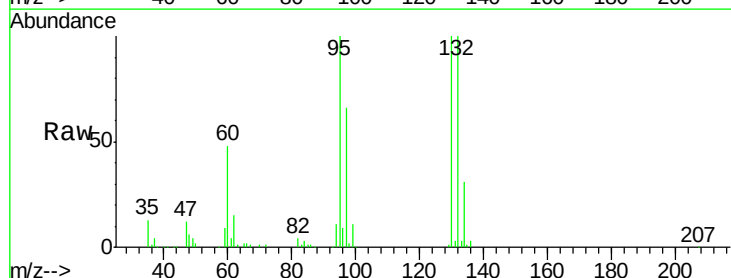


Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 61.00 (60.70 to 61.70): VY0
Ion 87.00 (86.70 to 87.70): VY0

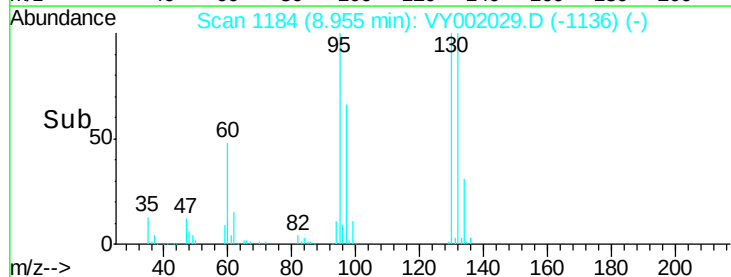
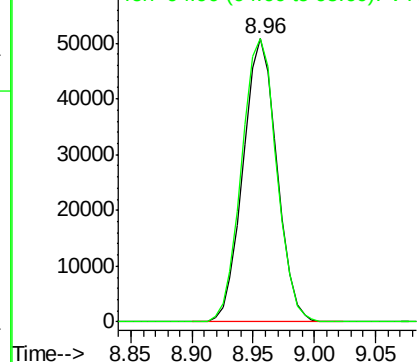


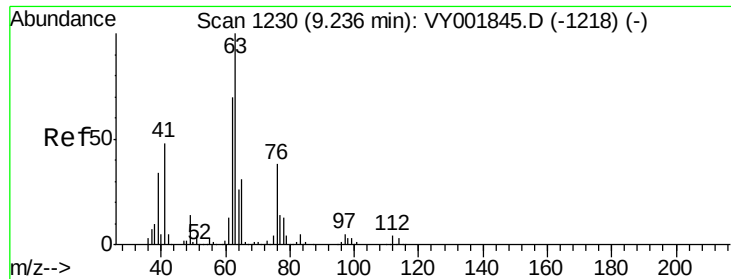
#44
Trichloroethene
Concen: 49.985 ug/l
RT: 8.96 min Scan# 1184
Delta R.T. -0.01 min
Lab File: VY002029.D
Acq: 19 Mar 2020 18:31

Tgt Ion	Ratio	Lower	Upper
130	100		
95	99.9	0.0	204.6



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VY0





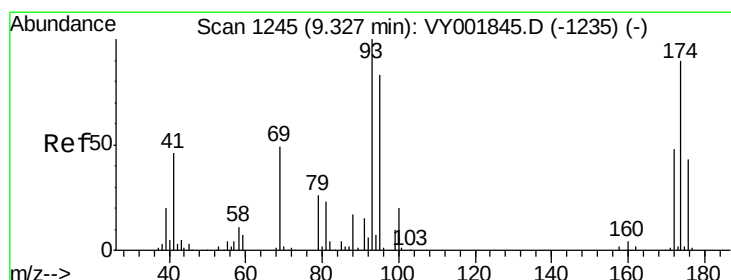
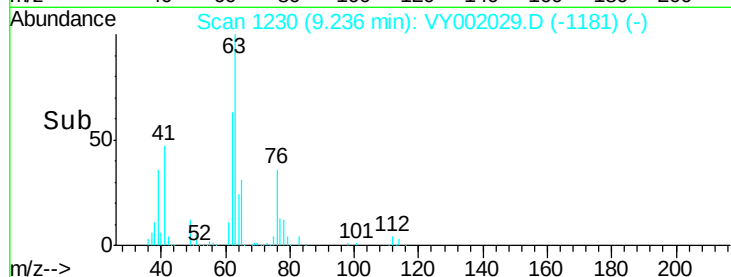
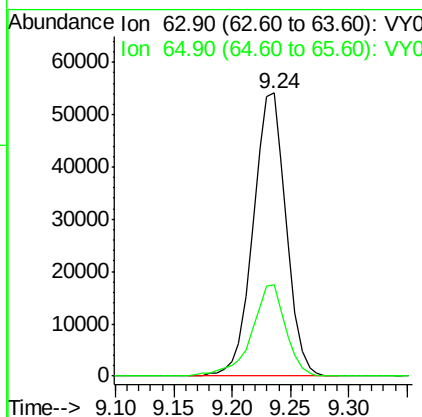
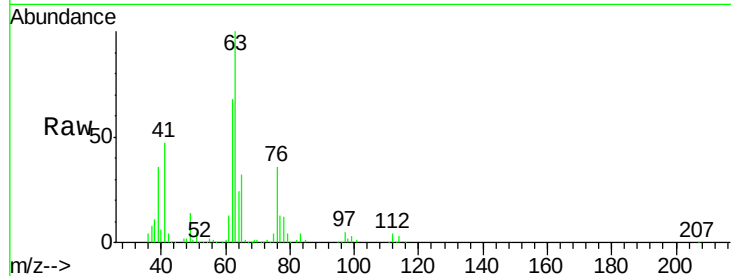
#45
 1,2-Dichloropropane
 Concen: 52.928 ug/l
 RT: 9.24 min Scan# 1230
 Delta R.T. 0.00 min
 Lab File: VY002029.D
 Acq: 19 Mar 2020 18:31

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 106711
 Ion Ratio Lower Upper
 63 100
 65 32.1 24.9 37.3

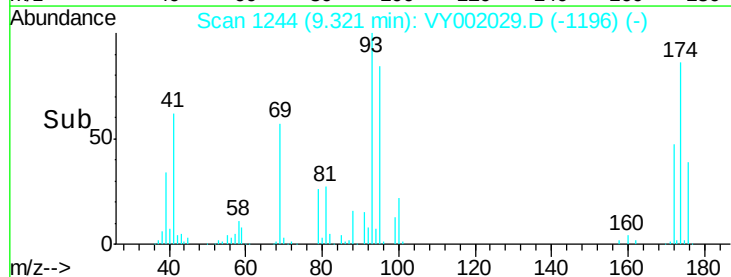
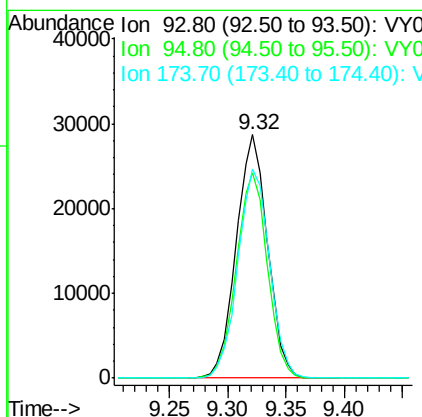
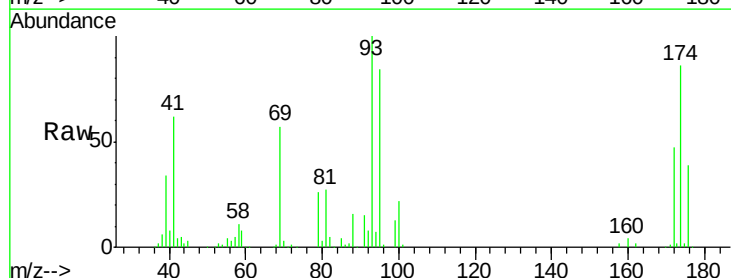
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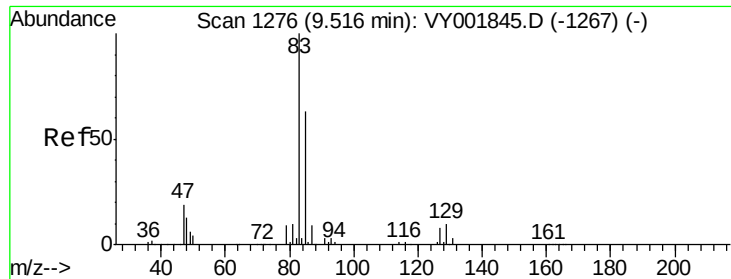
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#46
 Dibromomethane
 Concen: 51.793 ug/l
 RT: 9.32 min Scan# 1244
 Delta R.T. -0.01 min
 Lab File: VY002029.D
 Acq: 19 Mar 2020 18:31

Tgt Ion: 93 Resp: 53812
 Ion Ratio Lower Upper
 93 100
 95 83.6 67.0 100.4
 174 87.3 71.8 107.8





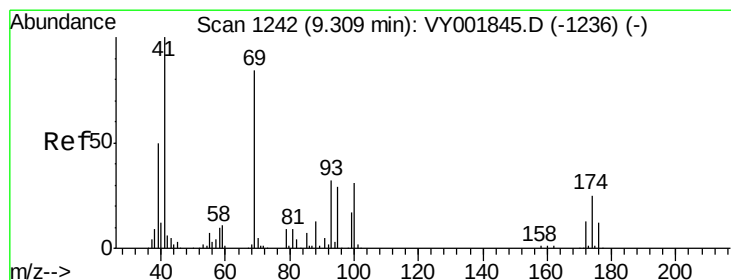
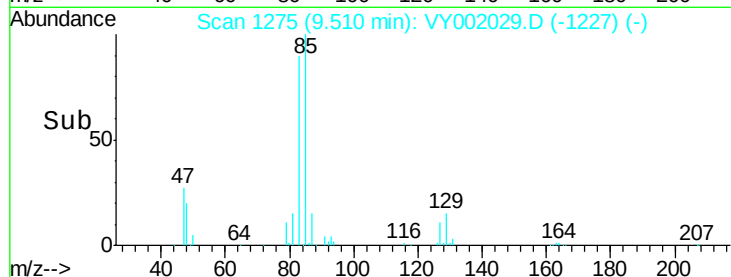
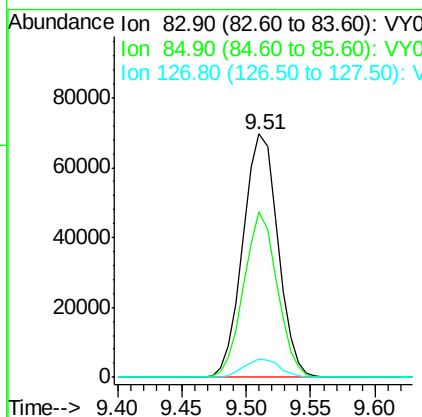
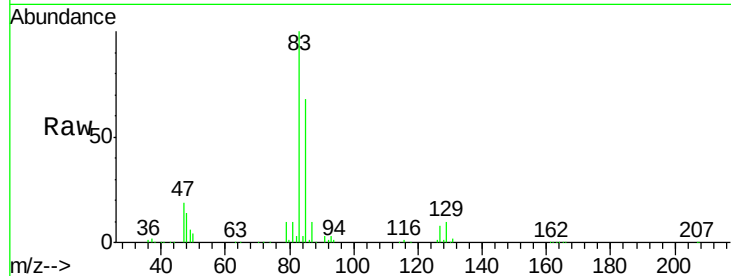
#47
Bromodichloromethane
Concen: 54.133 ug/l
RT: 9.51 min Scan# 1275
Delta R.T. -0.01 min
Lab File: VY002029.D
Acq: 19 Mar 2020 18:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
85	68.0	50.6	76.0
127	7.6	6.2	9.4

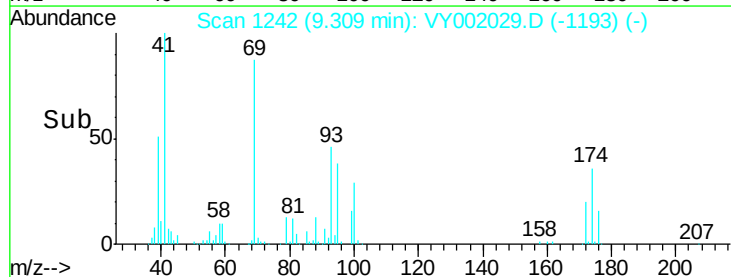
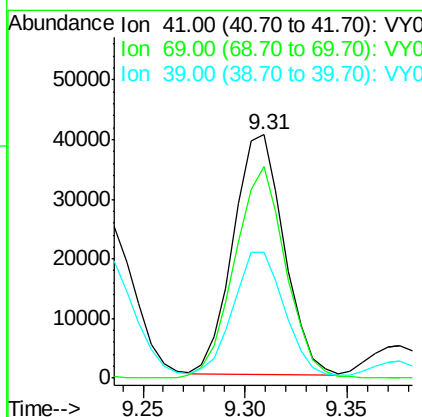
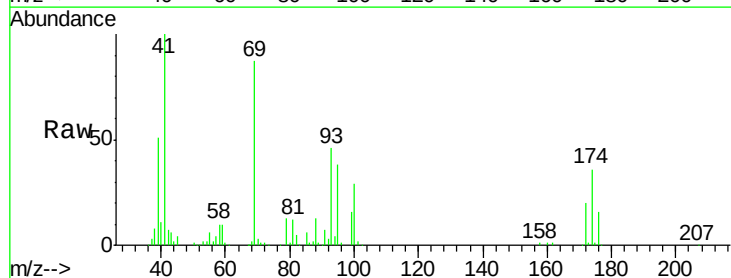
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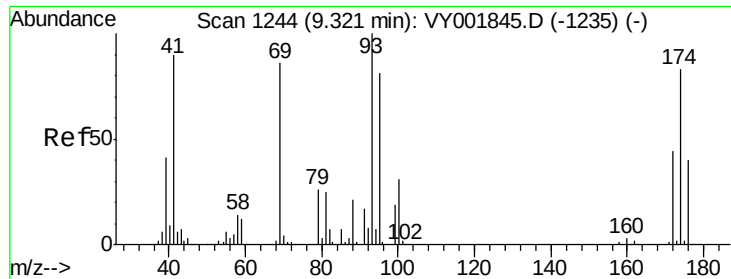
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#48
Methyl methacrylate
Concen: 52.670 ug/l
RT: 9.31 min Scan# 1242
Delta R.T. 0.00 min
Lab File: VY002029.D
Acq: 19 Mar 2020 18:31

Tgt Ion	Ratio	Lower	Upper
41	100		
69	88.5	69.0	103.6
39	54.3	39.1	58.7





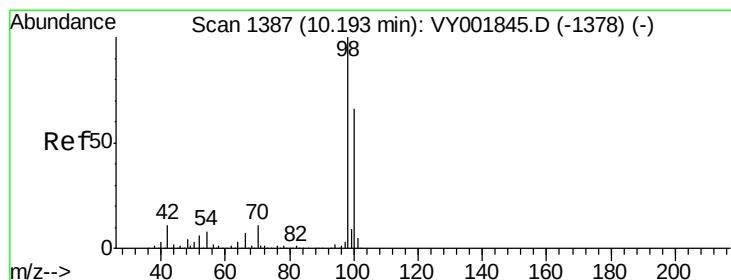
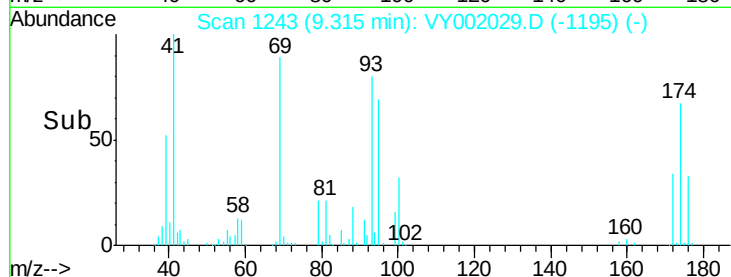
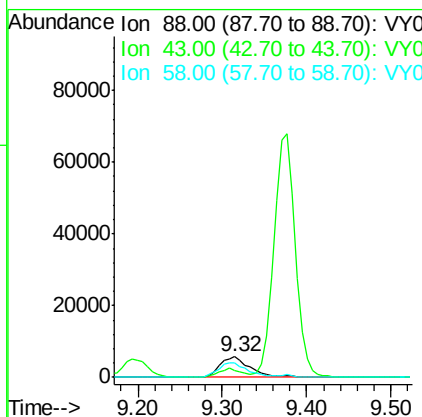
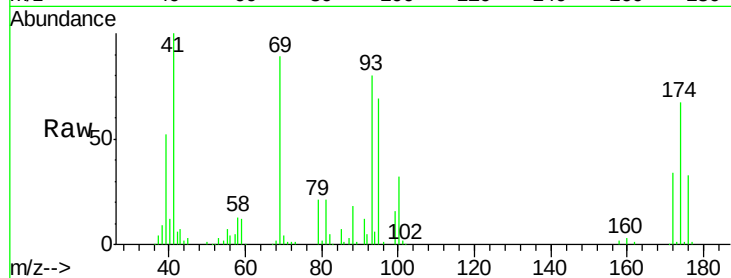
#49
 1,4-Dioxane
 Concen: 1028.483 ug/l
 RT: 9.32 min Scan# 1243
 Delta R.T. -0.01 min
 Lab File: VY002029.D
 Acq: 19 Mar 2020 18:31

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 88 Resp: 14642
 Ion Ratio Lower Upper
 88 100
 43 29.8 25.0 37.6
 58 67.8 58.9 88.3

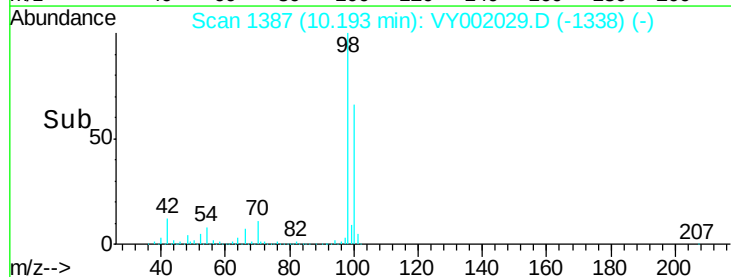
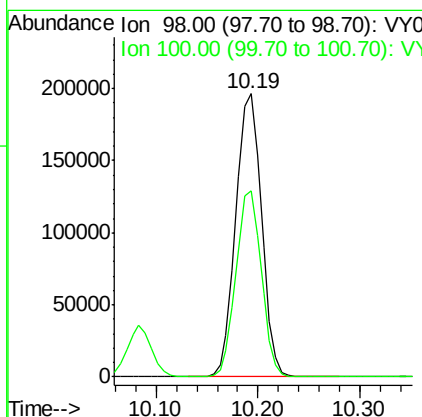
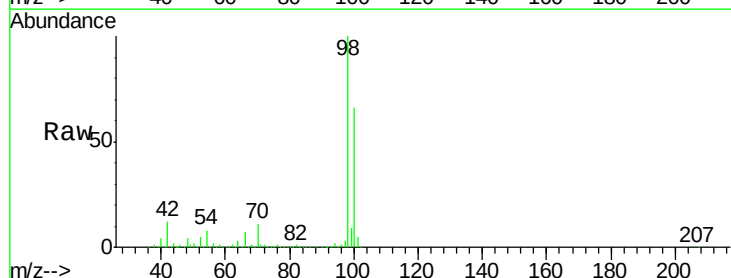
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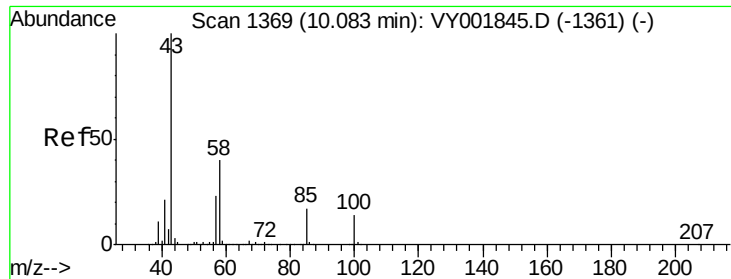
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#50
 Toluene-d8
 Concen: 52.885 ug/l
 RT: 10.19 min Scan# 1387
 Delta R.T. 0.00 min
 Lab File: VY002029.D
 Acq: 19 Mar 2020 18:31

Tgt Ion: 98 Resp: 342410
 Ion Ratio Lower Upper
 98 100
 100 65.0 53.0 79.4





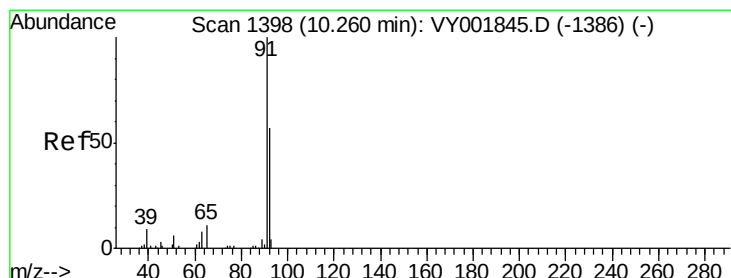
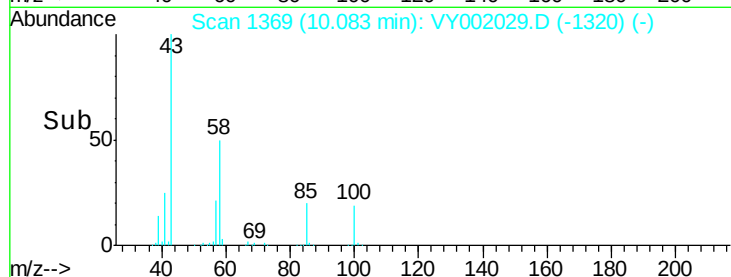
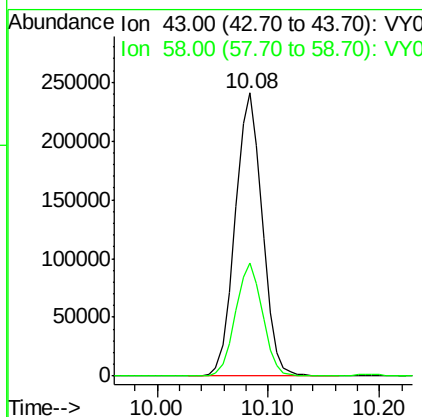
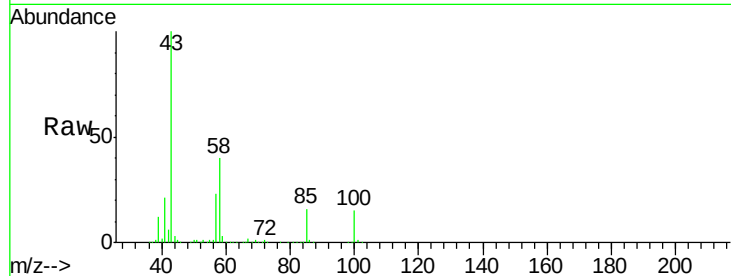
#51
4-Methyl-2-Pentanone
Concen: 264.763 ug/l
RT: 10.08 min Scan# 1369
Delta R.T. 0.00 min
Lab File: VY002029.D
Acq: 19 Mar 2020 18:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	43	Resp	406048
Ion Ratio	100	Lower	Upper
43	100		
58	39.9	32.0	48.0

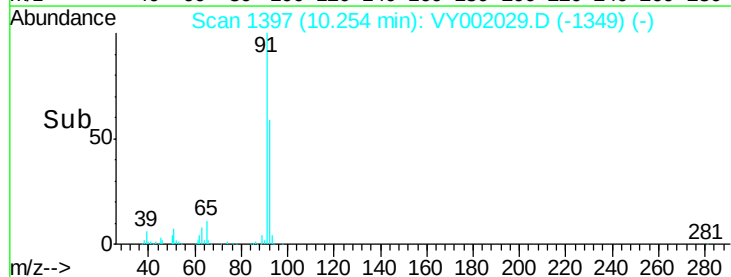
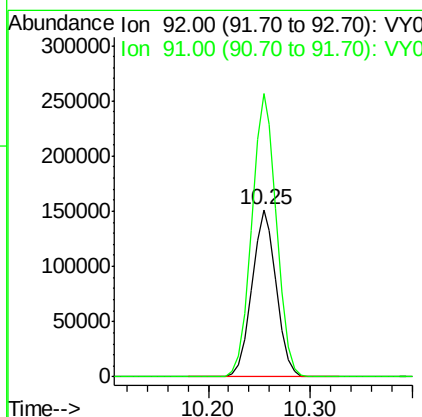
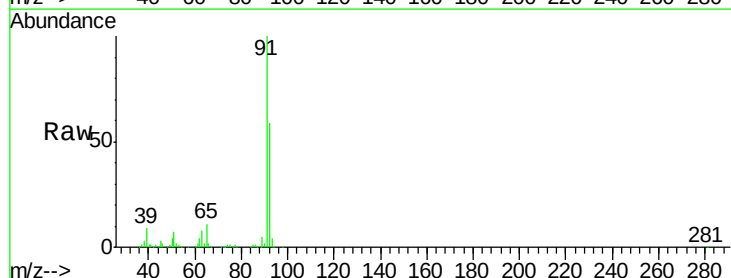
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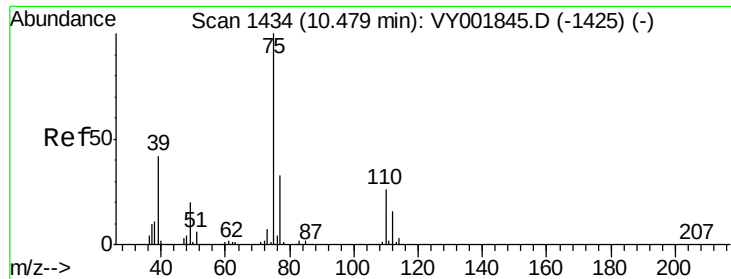
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#52
Toluene
Concen: 51.429 ug/l
RT: 10.25 min Scan# 1397
Delta R.T. -0.01 min
Lab File: VY002029.D
Acq: 19 Mar 2020 18:31

Tgt Ion	92	Resp	250572
Ion Ratio	100	Lower	Upper
92	100		
91	172.4	138.6	208.0





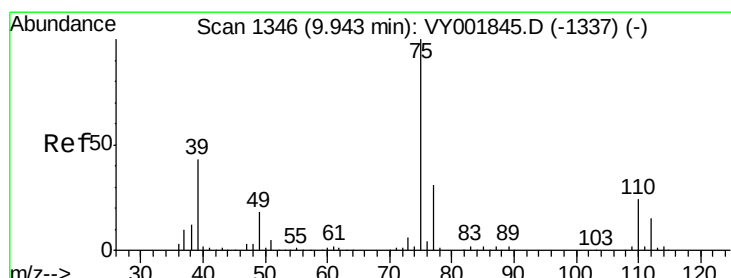
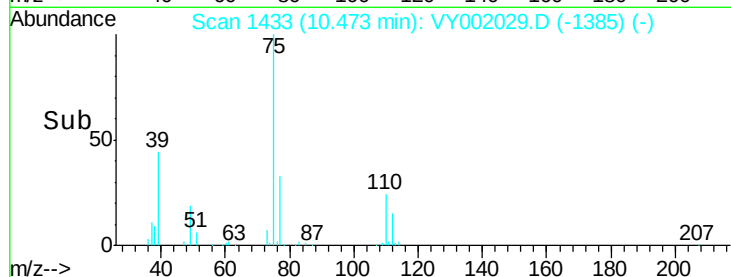
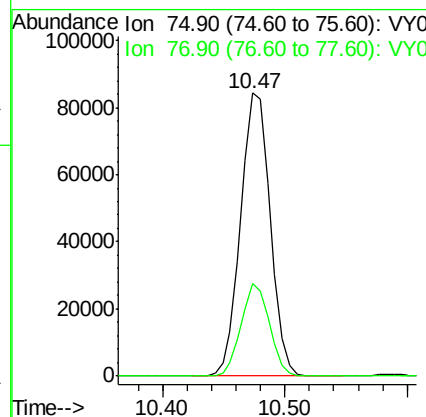
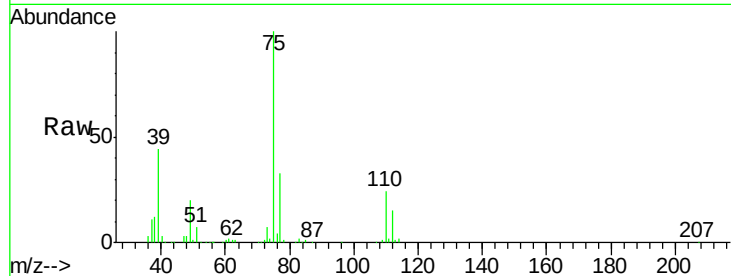
#53
t-1,3-Dichloropropene
Concen: 53.639 ug/l
RT: 10.47 min Scan# 1433
Delta R.T. -0.01 min
Lab File: VY002029.D
Acq: 19 Mar 2020 18:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.7	26.3	39.5

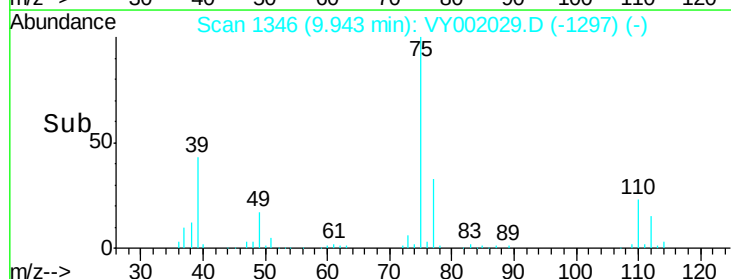
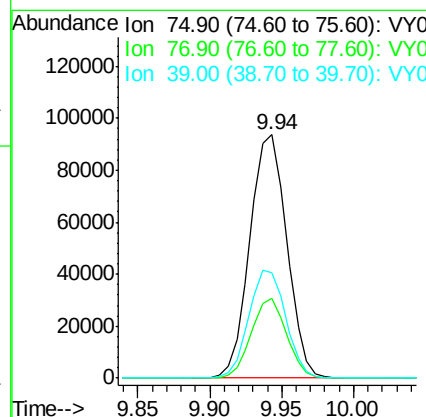
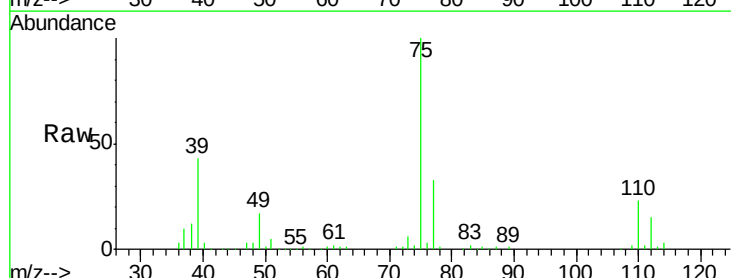
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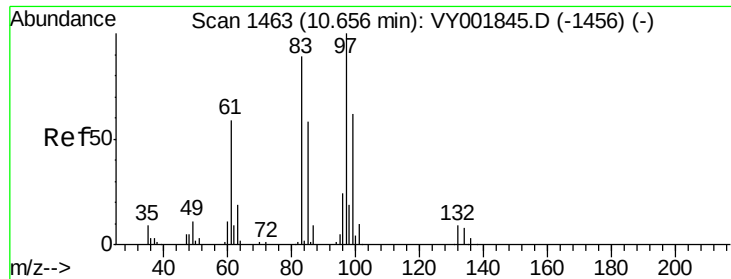
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#54
cis-1,3-Dichloropropene
Concen: 53.058 ug/l
RT: 9.94 min Scan# 1346
Delta R.T. 0.00 min
Lab File: VY002029.D
Acq: 19 Mar 2020 18:31

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.6	25.1	37.7
39	43.3	34.7	52.1





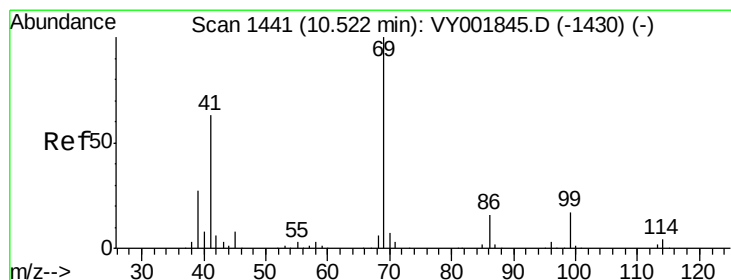
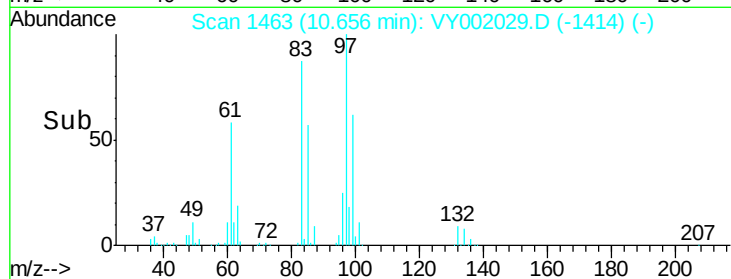
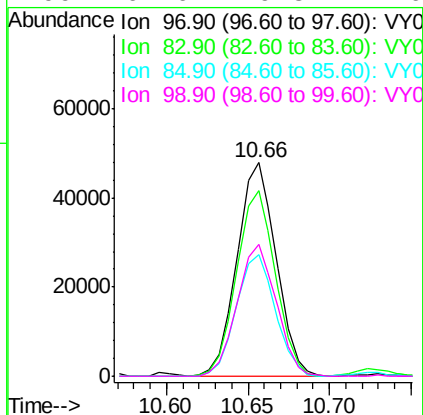
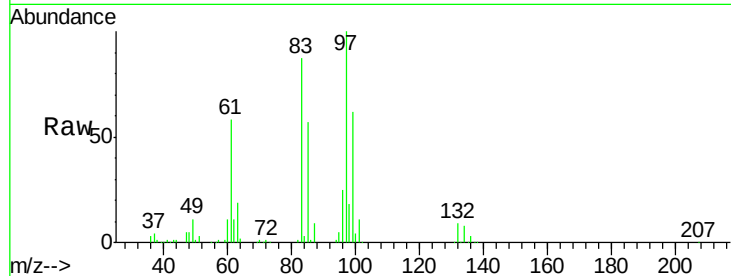
#55
1,1,2-Trichloroethane
Concen: 52.767 ug/l
RT: 10.66 min Scan# 1463
Delta R.T. 0.00 min
Lab File: VY002029.D
Acq: 19 Mar 2020 18:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion:	97	Resp:	80234
Ion	Ratio	Lower	Upper
97	100		
83	86.8	71.6	107.4
85	56.7	46.6	69.8
99	61.6	49.8	74.6

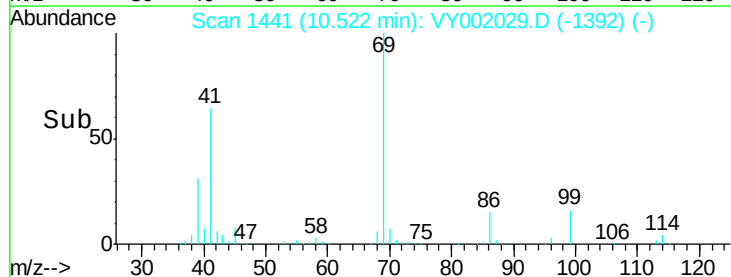
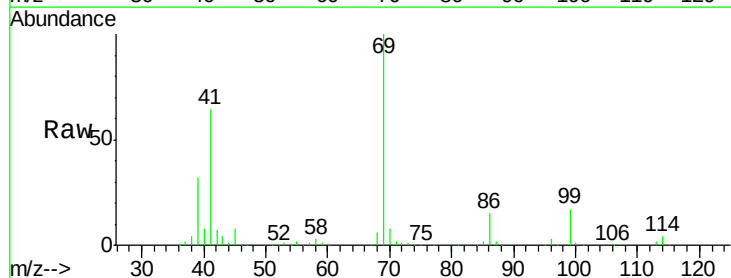
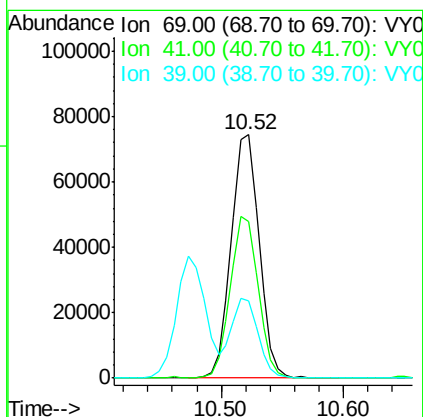
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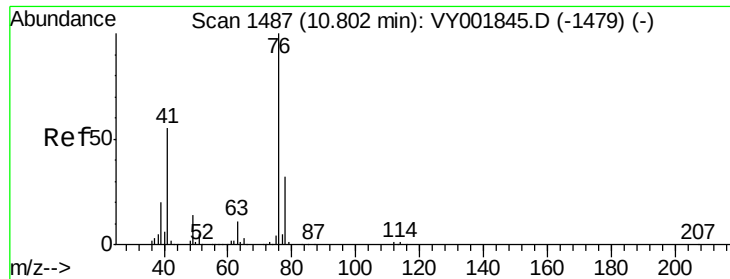
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#56
Ethyl methacrylate
Concen: 52.908 ug/l
RT: 10.52 min Scan# 1441
Delta R.T. 0.00 min
Lab File: VY002029.D
Acq: 19 Mar 2020 18:31

Tgt Ion:	69	Resp:	117916
Ion	Ratio	Lower	Upper
69	100		
41	65.9	49.9	74.9
39	31.9	23.0	34.6





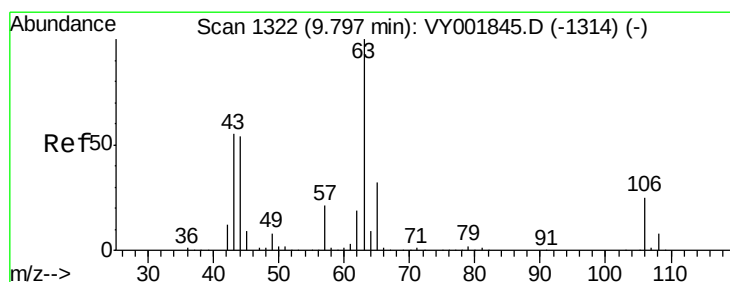
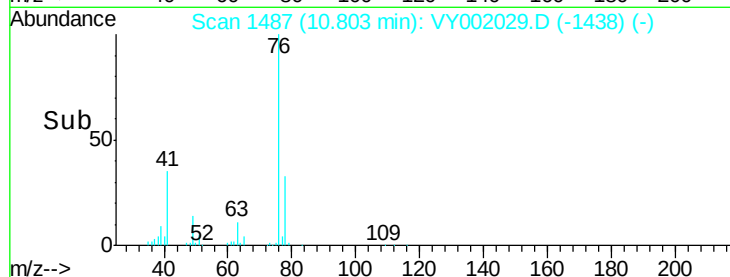
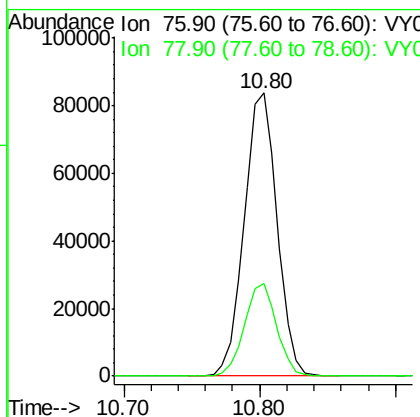
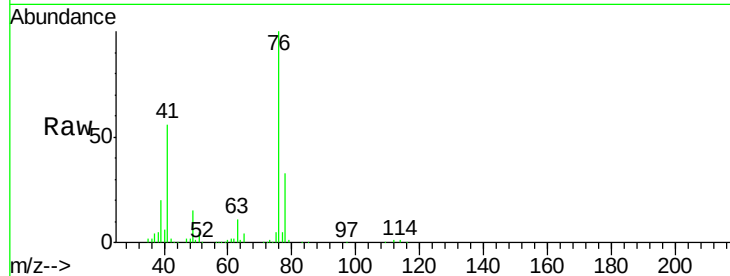
#57
 1,3-Dichloropropane
 Concen: 52.204 ug/l
 RT: 10.80 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VY002029.D
 Acq: 19 Mar 2020 18:31

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 76 Resp: 141494
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.8 38.6

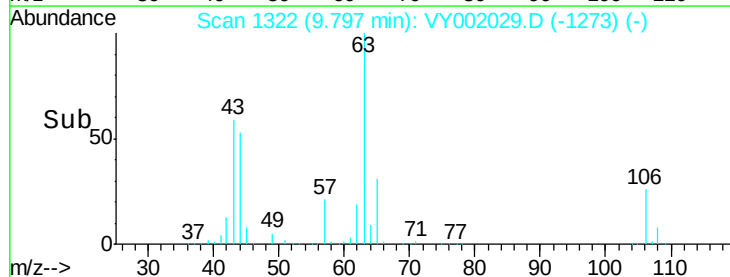
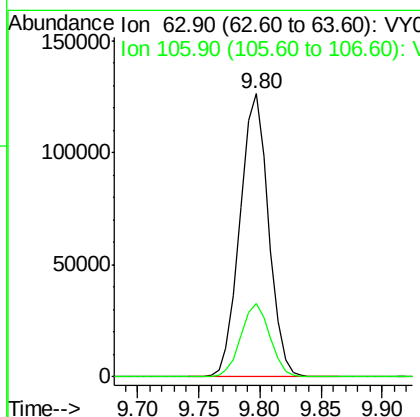
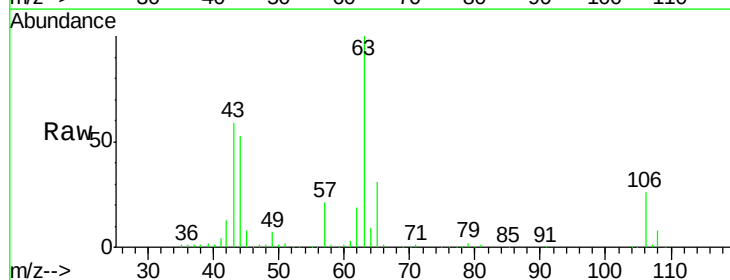
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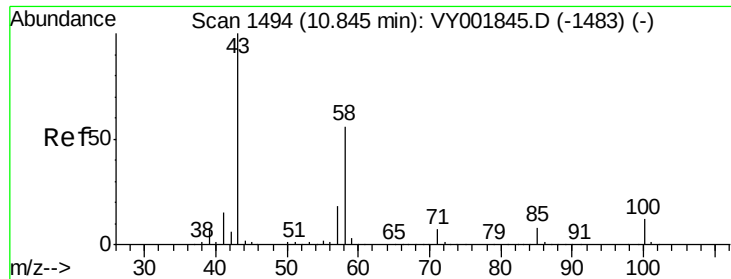
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#58
 2-Chloroethyl Vinyl ether
 Concen: 264.613 ug/l
 RT: 9.80 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VY002029.D
 Acq: 19 Mar 2020 18:31

Tgt Ion: 63 Resp: 204699
 Ion Ratio Lower Upper
 63 100
 106 26.2 21.3 31.9





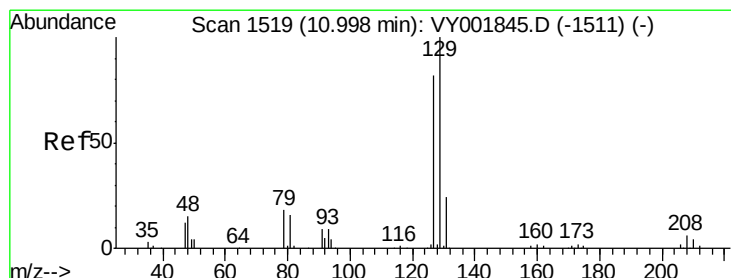
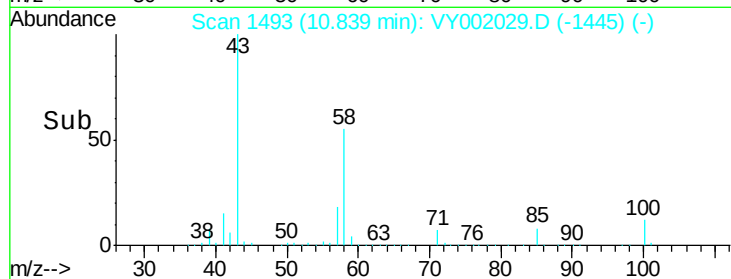
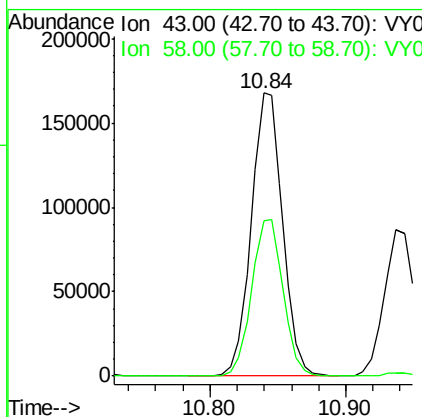
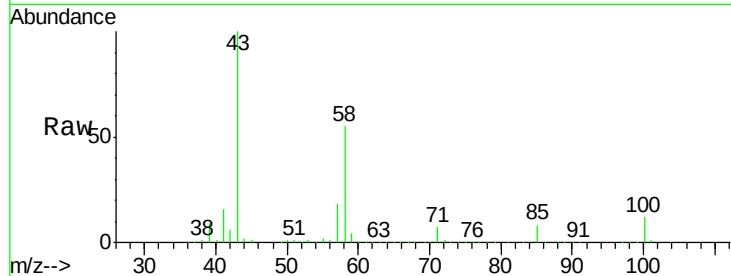
#59
2-Hexanone
Concen: 247.032 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. -0.01 min
Lab File: VY002029.D
Acq: 19 Mar 2020 18:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 270409
Ion Ratio Lower Upper
43 100
58 55.7 28.1 84.3

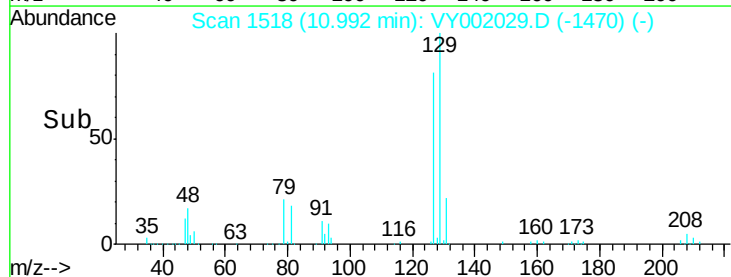
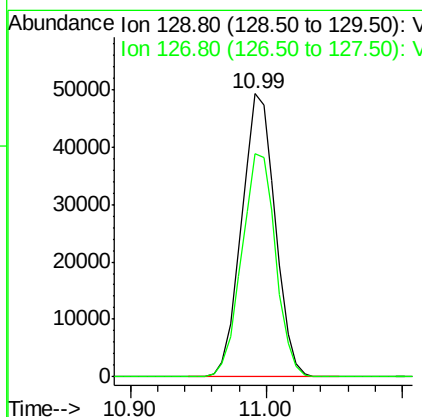
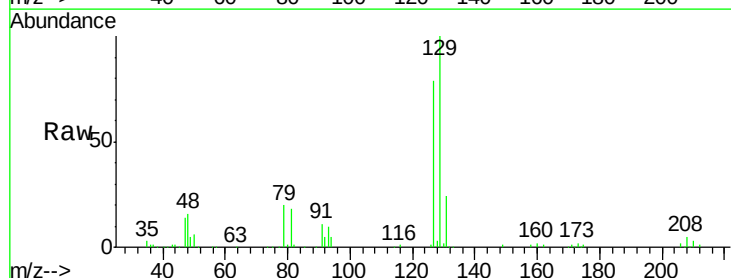
Manual Integrations
APPROVED

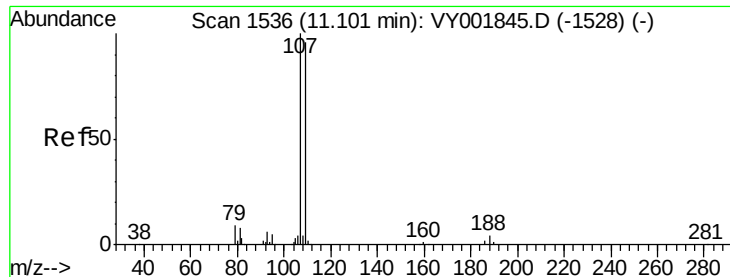
MMDadoda
3/20/2020 12:06:18 PM



#60
Dibromochloromethane
Concen: 52.896 ug/l
RT: 10.99 min Scan# 1518
Delta R.T. -0.01 min
Lab File: VY002029.D
Acq: 19 Mar 2020 18:31

Tgt Ion: 129 Resp: 84751
Ion Ratio Lower Upper
129 100
127 79.5 39.0 117.0





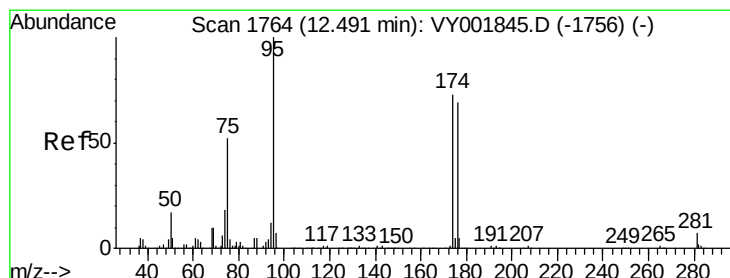
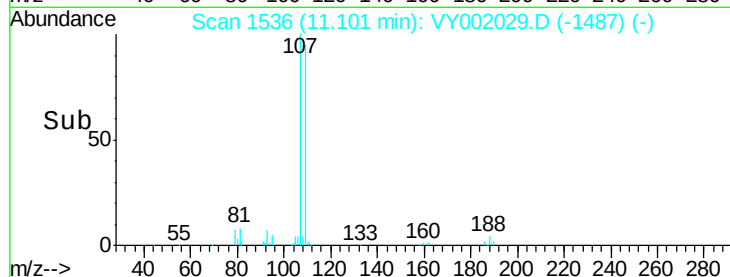
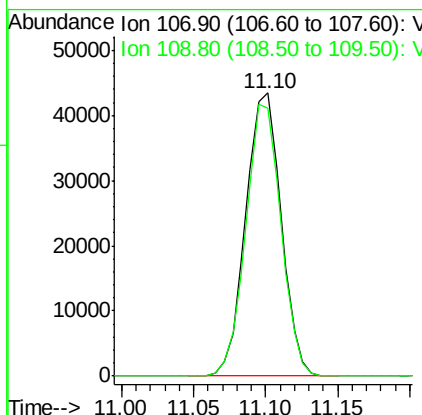
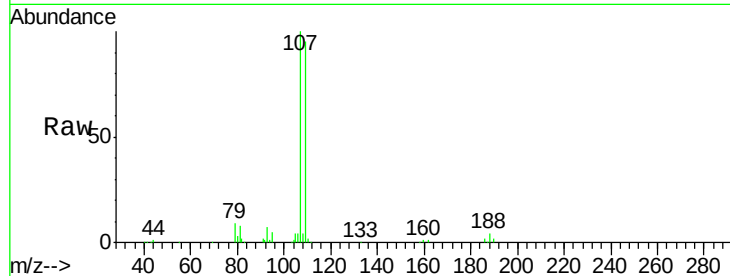
#61
 1,2-Dibromoethane
 Concen: 51.420 ug/l
 RT: 11.10 min Scan# 1536
 Delta R.T. 0.00 min
 Lab File: VY002029.D
 Acq: 19 Mar 2020 18:31

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.1	75.4	113.0

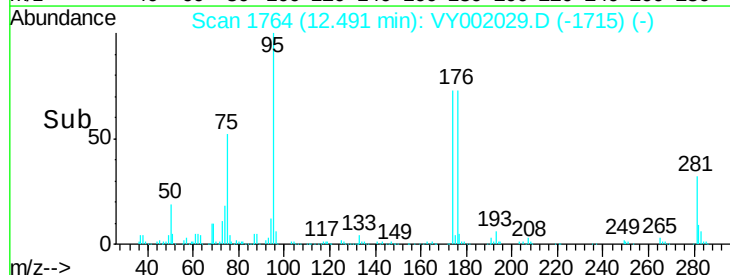
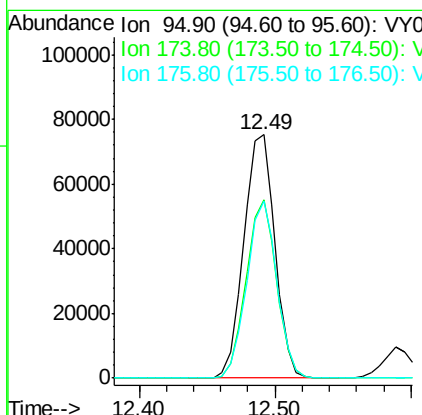
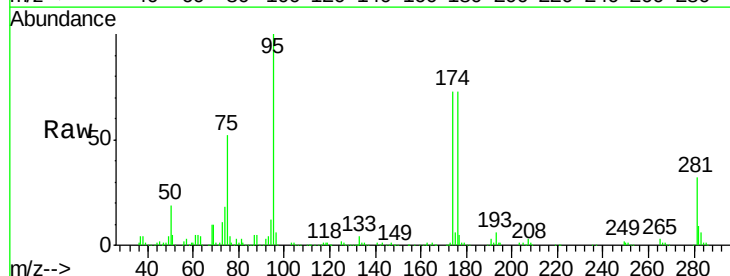
Manual Integrations
 APPROVED

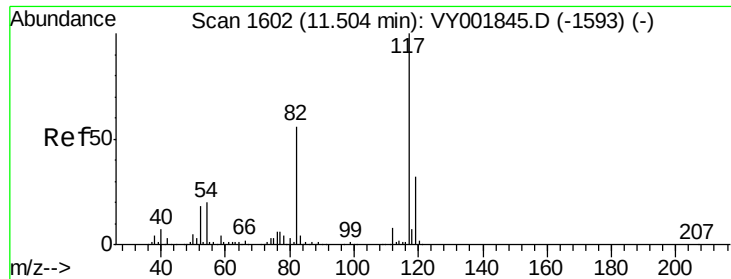
MMDadoda
 3/20/2020 12:06:18 PM



#62
 4-Bromofluorobenzene
 Concen: 53.408 ug/l
 RT: 12.49 min Scan# 1764
 Delta R.T. 0.00 min
 Lab File: VY002029.D
 Acq: 19 Mar 2020 18:31

Tgt Ion	Ratio	Lower	Upper
95	100		
174	71.7	0.0	145.0
176	70.5	0.0	137.4





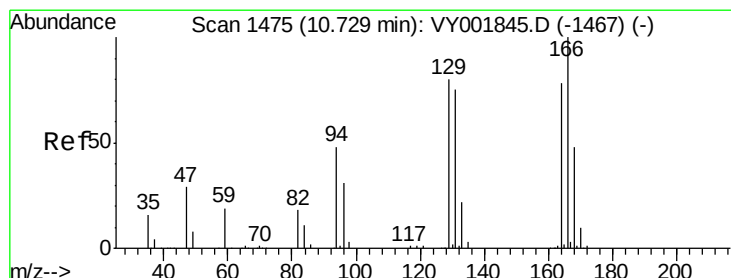
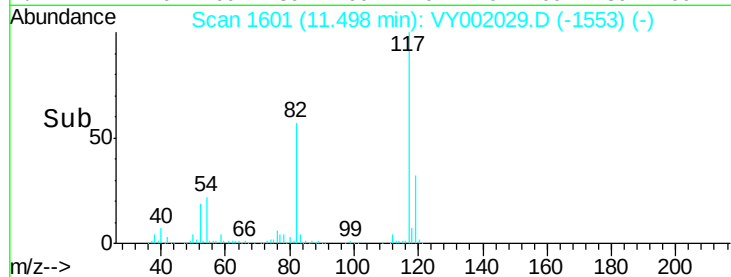
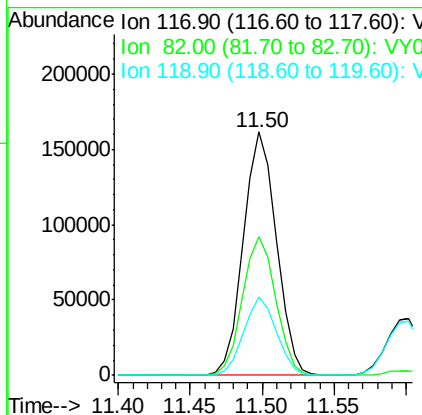
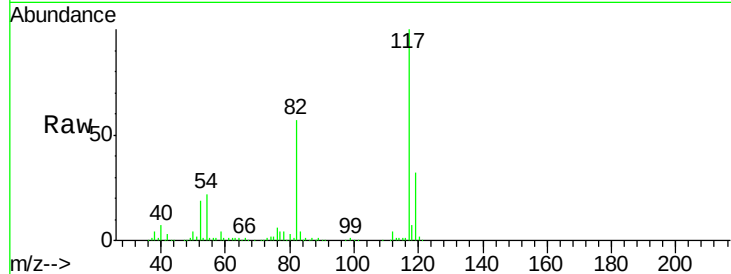
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: VY002029.D
Acq: 19 Mar 2020 18:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	255688		
82	57.1		44.5	66.7
119	32.4		25.7	38.5

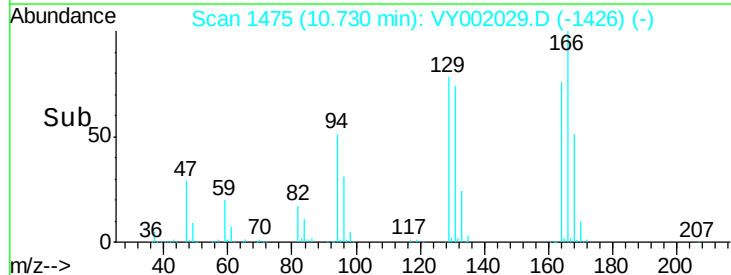
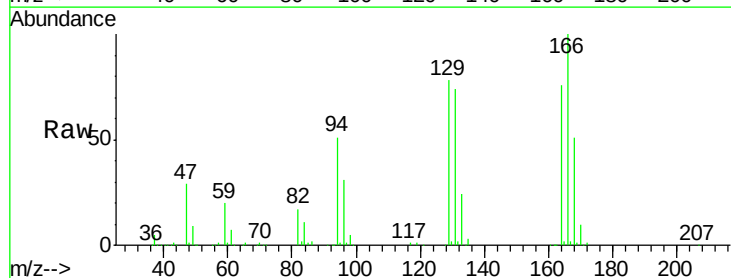
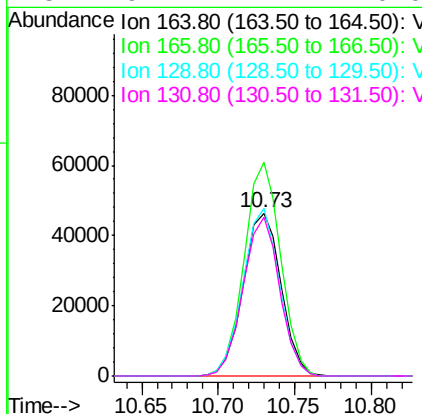
Manual Integrations
APPROVED

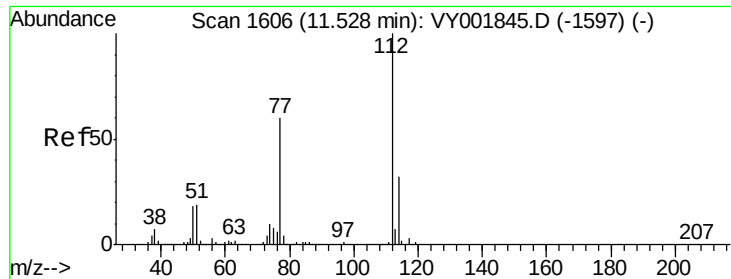
MMDadoda
3/20/2020 12:06:18 PM



#64
Tetrachloroethene
Concen: 49.933 ug/l
RT: 10.73 min Scan# 1475
Delta R.T. 0.00 min
Lab File: VY002029.D
Acq: 19 Mar 2020 18:31

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	80066		
166	131.0		102.6	154.0
129	102.6		82.3	123.5
131	97.2		77.4	116.0





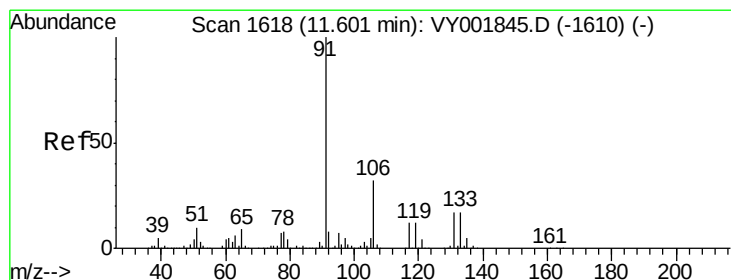
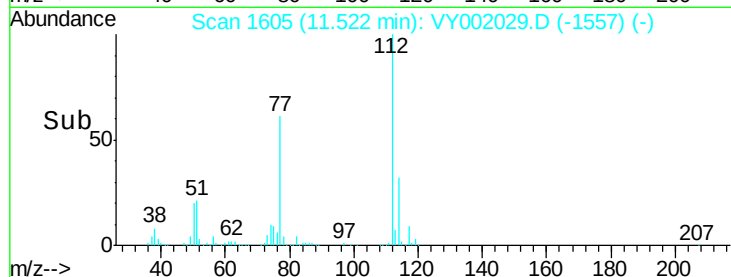
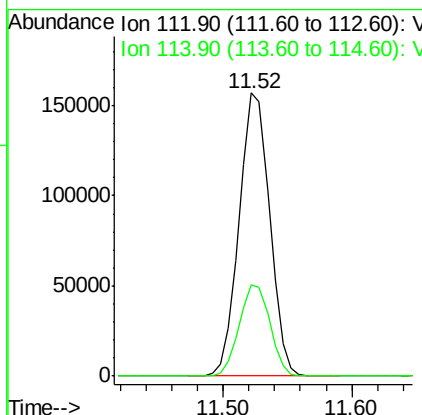
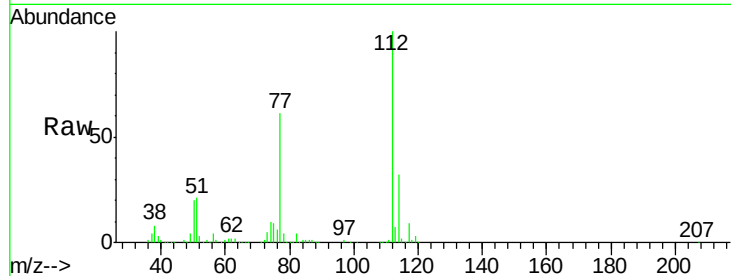
#65
Chlorobenzene
Concen: 50.680 ug/l
RT: 11.52 min Scan# 1605
Delta R.T. -0.01 min
Lab File: VY002029.D
Acq: 19 Mar 2020 18:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
112	100	258199		
114	32.5	25.9	25.9	38.9

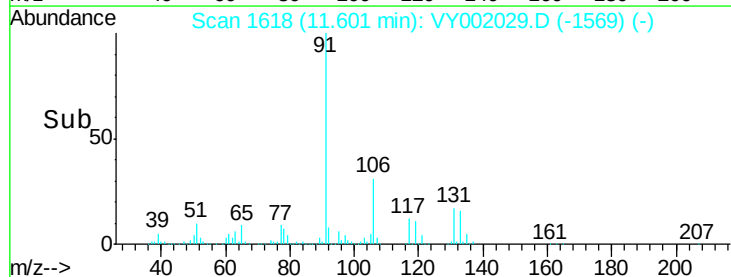
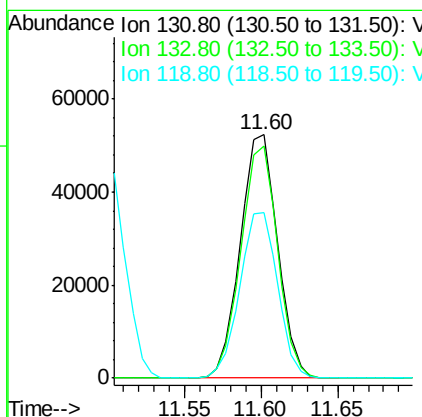
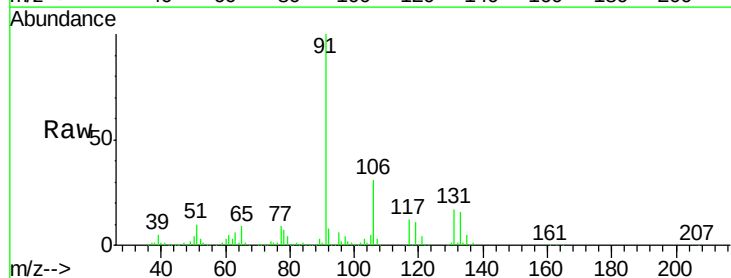
Manual Integrations
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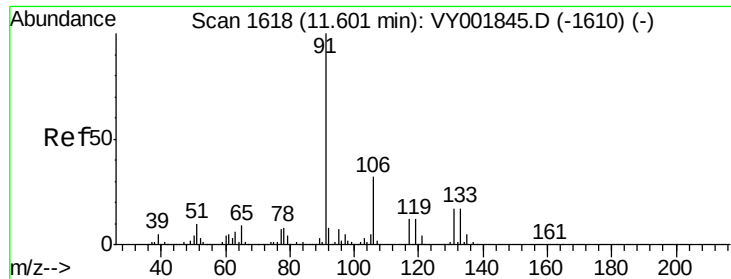
MMDadoda
3/20/2020 12:06:18 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 53.118 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VY002029.D
Acq: 19 Mar 2020 18:31

Tgt Ion	Ratio	Resp	Lower	Upper
131	100	88745		
133	94.2	47.1	47.1	141.3
119	69.0	34.5	34.5	103.6





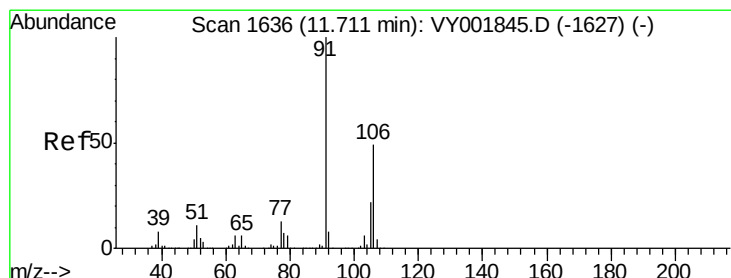
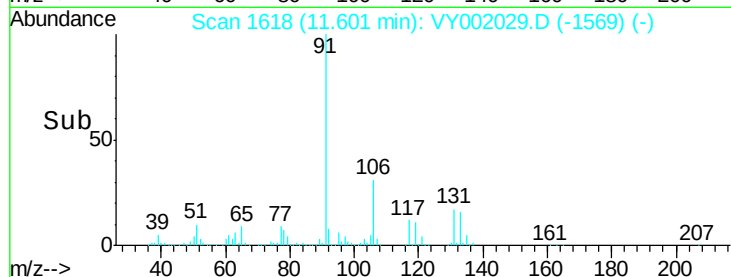
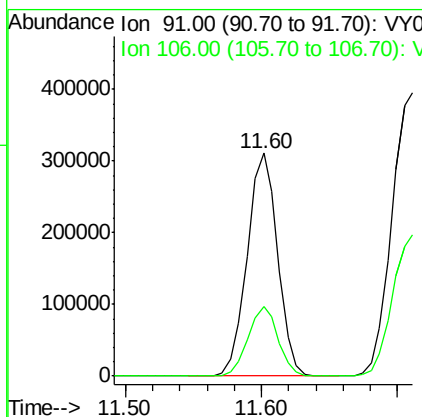
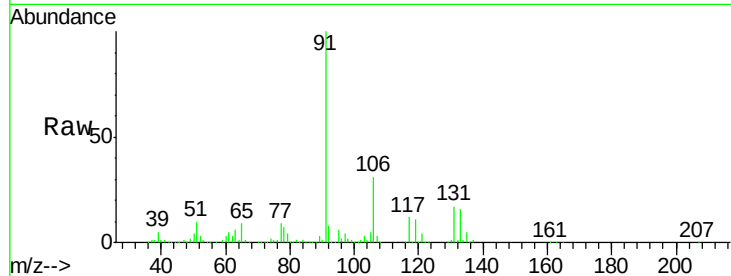
#67
Ethyl Benzene
Concen: 51.347 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VY002029.D
Acq: 19 Mar 2020 18:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 487873
Ion Ratio Lower Upper
91 100
106 31.0 25.4 38.2

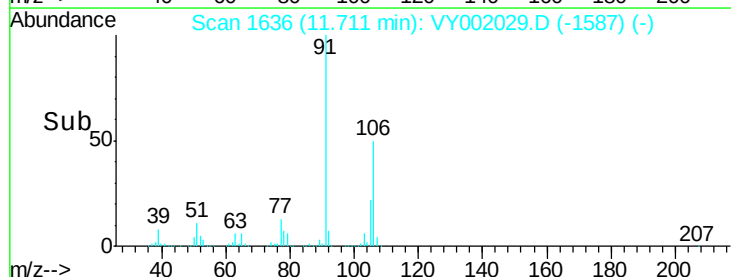
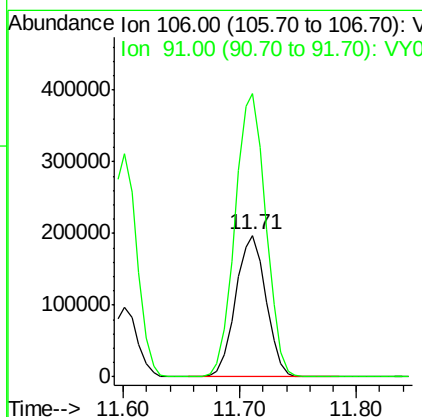
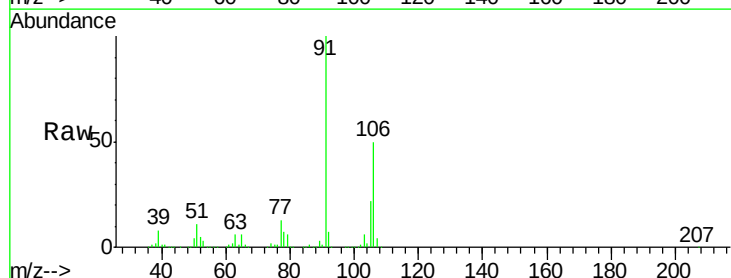
Manual Integrations
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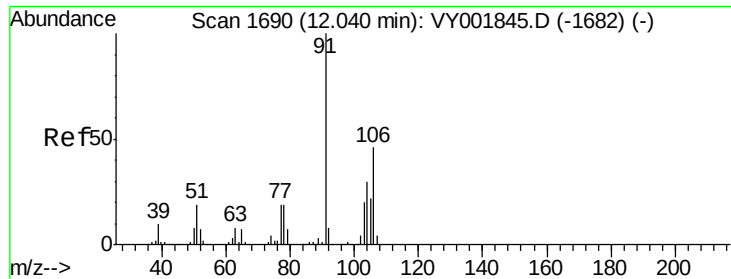
MMDadoda
3/20/2020 12:06:18 PM



#68
m/p-Xylenes
Concen: 102.120 ug/l
RT: 11.71 min Scan# 1636
Delta R.T. 0.00 min
Lab File: VY002029.D
Acq: 19 Mar 2020 18:31

Tgt Ion: 106 Resp: 358729
Ion Ratio Lower Upper
106 100
91 202.2 161.3 241.9





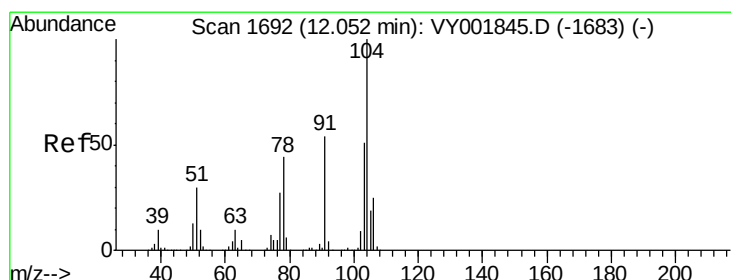
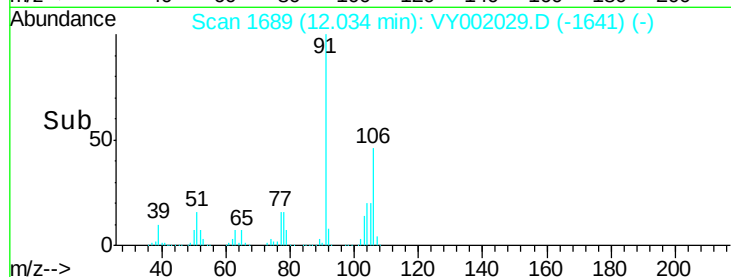
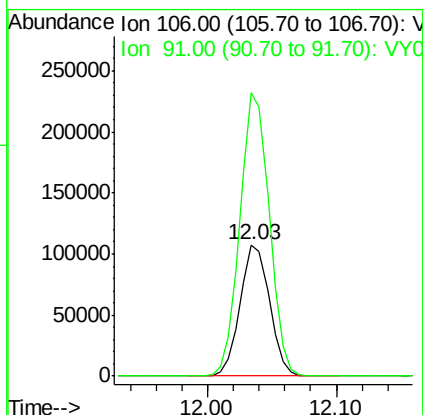
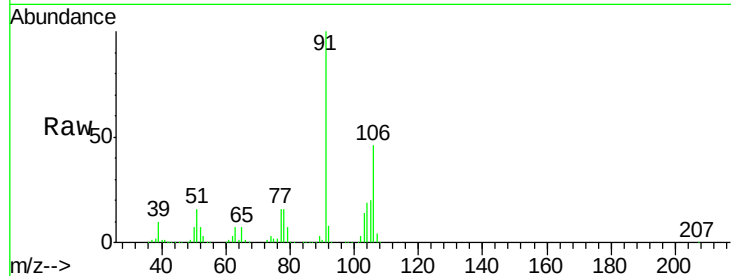
#69
o-Xylene
Concen: 51.232 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. -0.01 min
Lab File: VY002029.D
Acq: 19 Mar 2020 18:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100				
91	215.2	106.8	320.4		

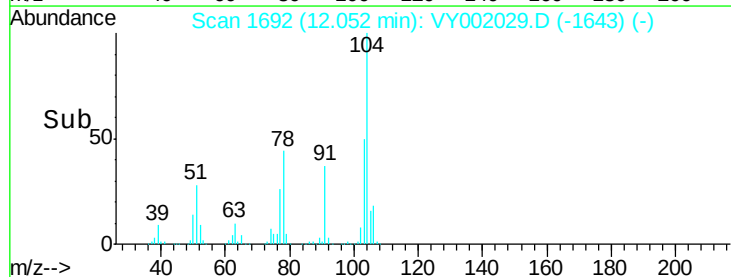
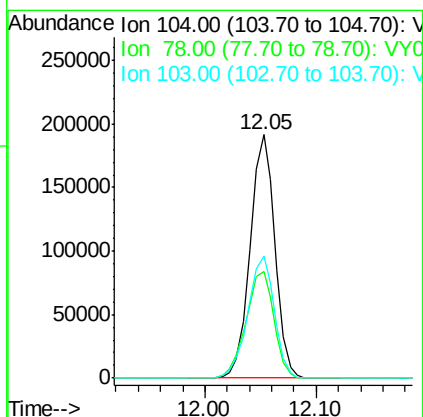
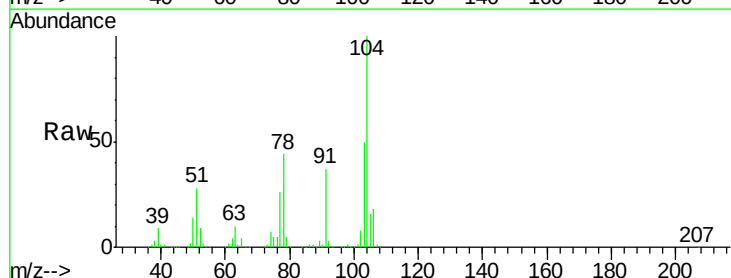
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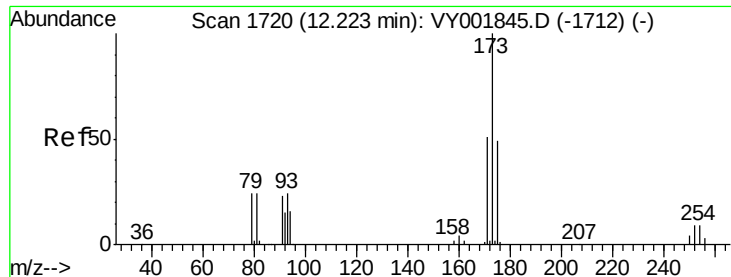
MMDadoda
3/20/2020 12:06:18 PM



#70
Styrene
Concen: 52.148 ug/l
RT: 12.05 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VY002029.D
Acq: 19 Mar 2020 18:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100				
78	49.5	38.5	57.7		
103	54.2	42.9	64.3		





#71

Bromoform

Concen: 52.679 ug/l

RT: 12.22 min Scan# 1719

Delta R.T. -0.01 min

Lab File: VY002029.D

Acq: 19 Mar 2020 18:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 47730

Ion Ratio Lower Upper

173 100

175 47.2 24.3 72.8

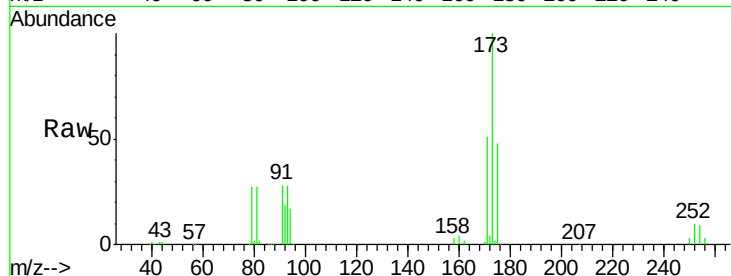
254 0.0 0.0 0.0

Manual Integrations

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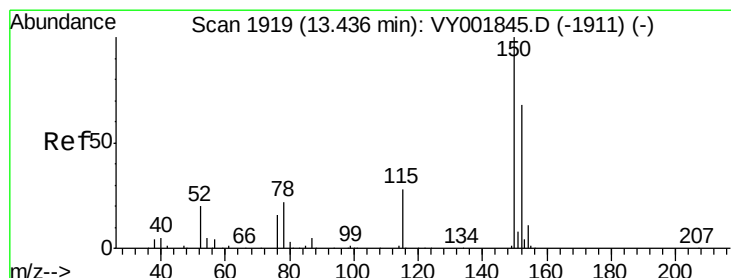
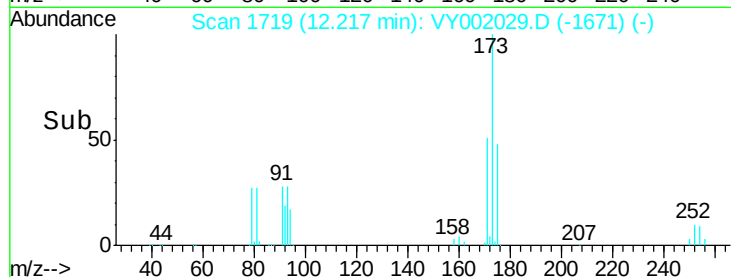
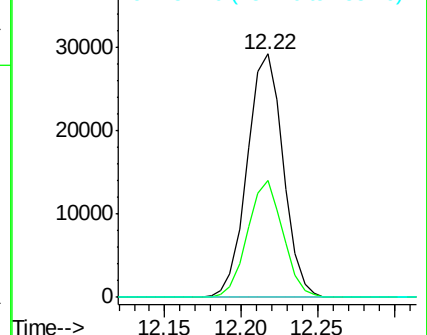
3/20/2020 12:06:18 PM



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.43 min Scan# 1918

Delta R.T. -0.01 min

Lab File: VY002029.D

Acq: 19 Mar 2020 18:31

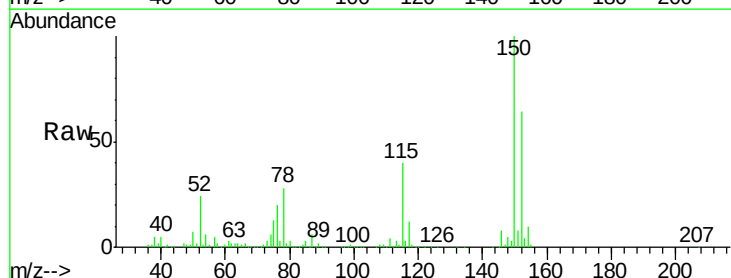
Tgt Ion:152 Resp: 116672

Ion Ratio Lower Upper

152 100

115 61.9 29.9 89.7

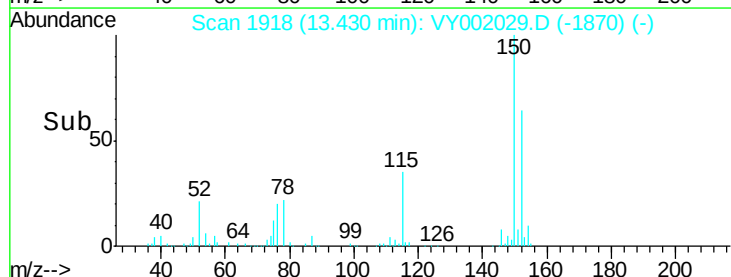
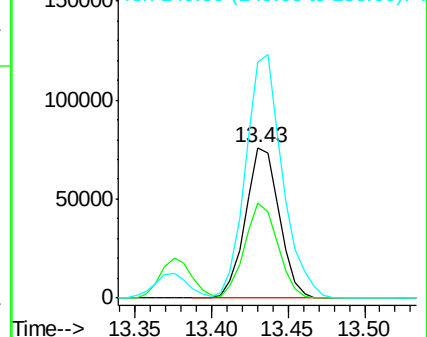
150 175.8 0.0 340.6

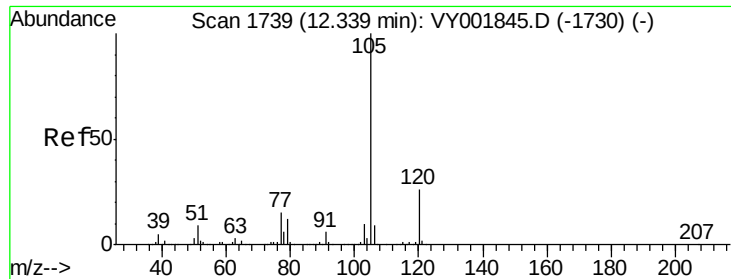


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





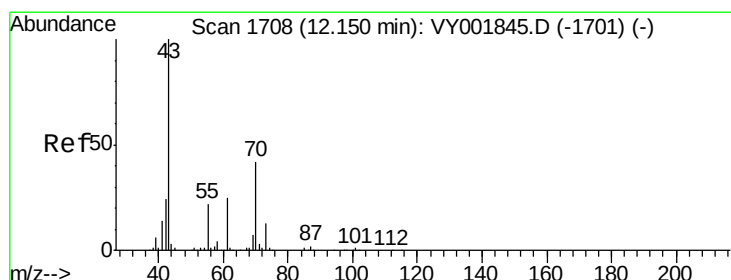
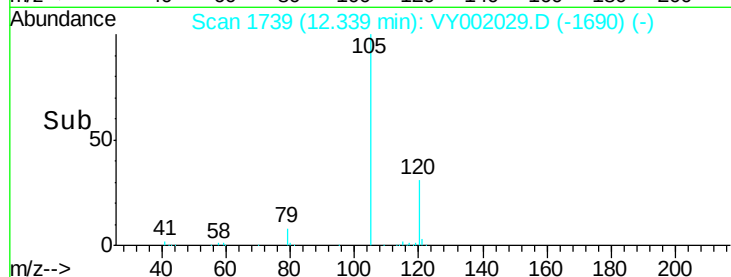
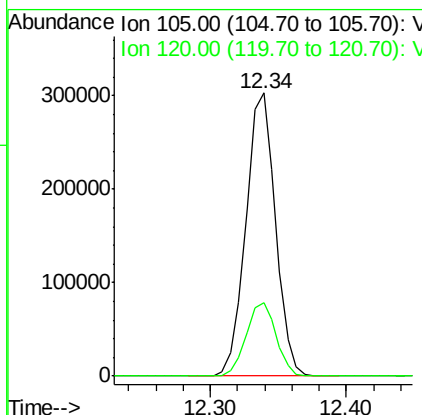
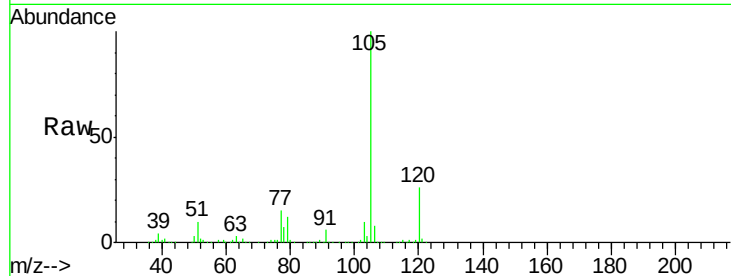
#73
Isopropylbenzene
Concen: 51.820 ug/l
RT: 12.34 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VY002029.D
Acq: 19 Mar 2020 18:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.4	13.1	39.3

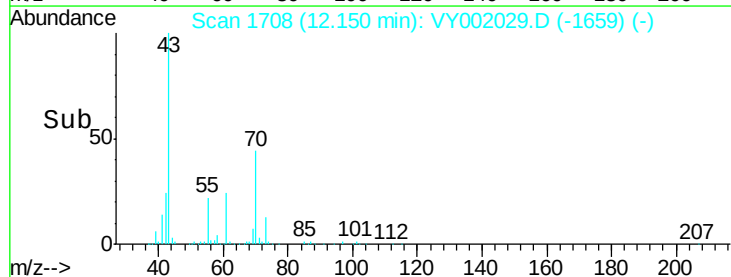
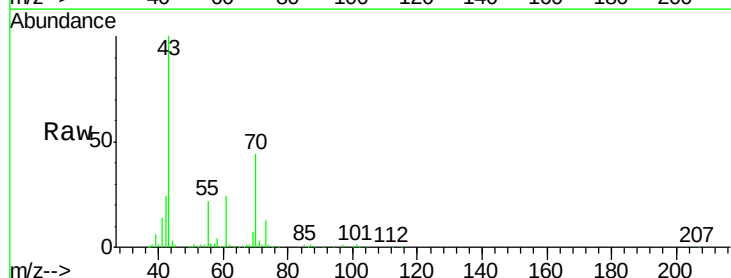
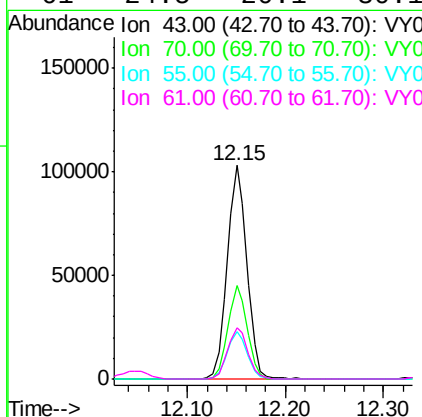
Manual Integrations
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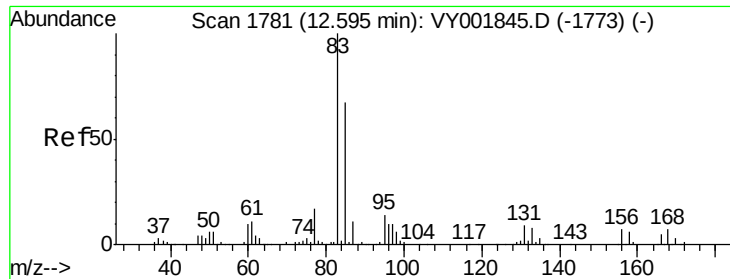
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3/20/2020 12:06:18 PM



#74
N-ethyl acetate
Concen: 52.328 ug/l
RT: 12.15 min Scan# 1708
Delta R.T. 0.00 min
Lab File: VY002029.D
Acq: 19 Mar 2020 18:31

Tgt Ion	Ratio	Lower	Upper
43	100		
70	43.2	34.7	52.1
55	22.8	18.2	27.4
61	24.5	20.1	30.1





#75

1,1,2,2-Tetrachloroethane

Concen: 50.948 ug/l

RT: 12.59 min Scan# 1780

Delta R.T. -0.01 min

Lab File: VY002029.D

Acq: 19 Mar 2020 18:31

Instrument :

MSVOA_Y

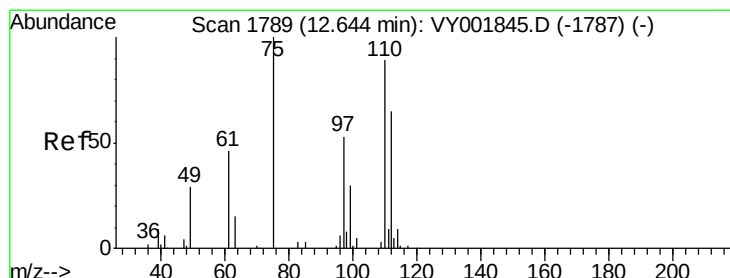
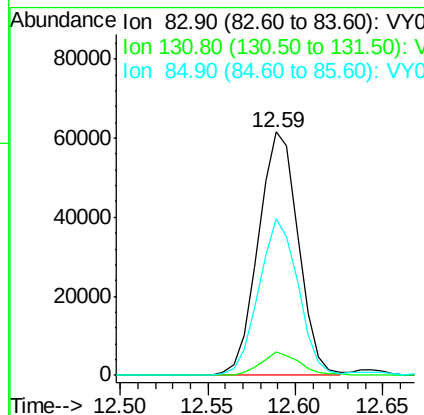
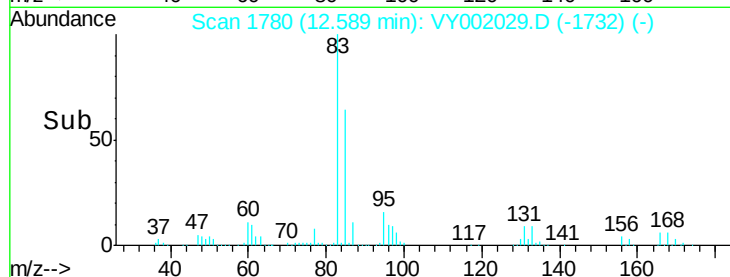
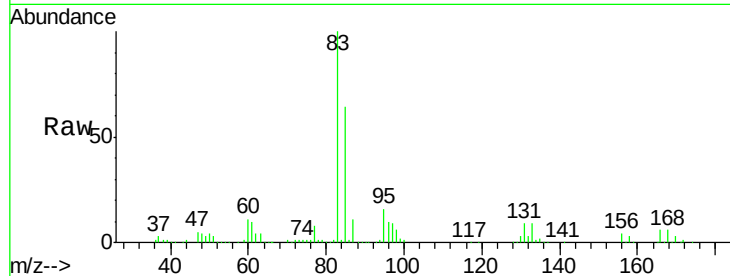
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	97853
Ion Ratio	Lower	Upper	
83	100		
131	9.4	4.6	13.8
85	63.2	32.1	96.3

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 41.554 ug/l m

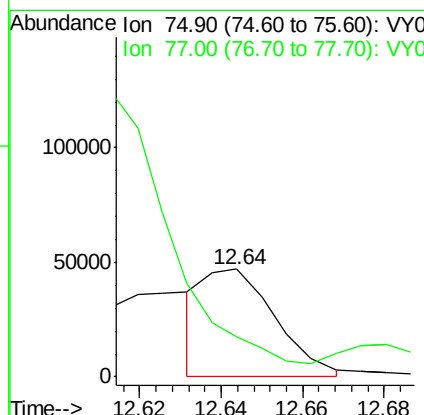
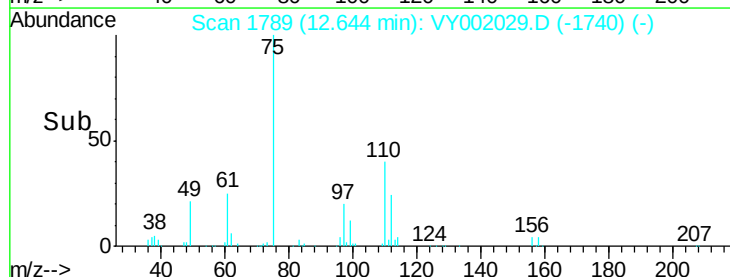
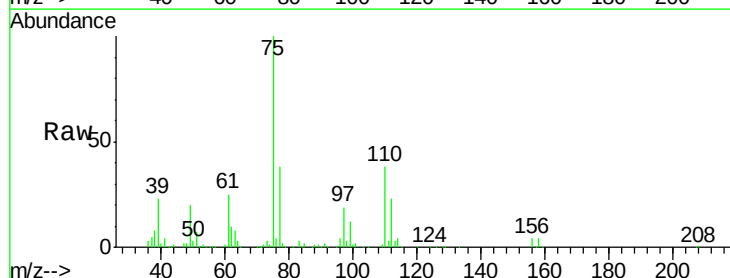
RT: 12.64 min Scan# 1789

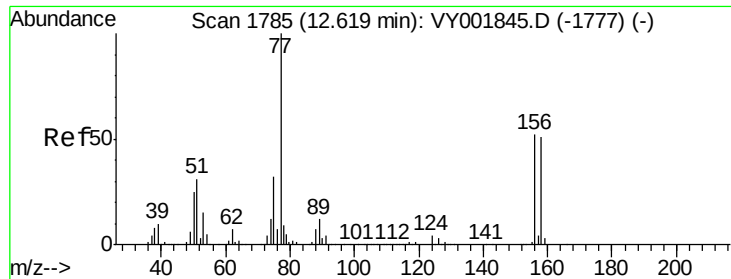
Delta R.T. 0.00 min

Lab File: VY002029.D

Acq: 19 Mar 2020 18:31

Tgt Ion:	75	Resp:	57527
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 51.423 ug/l

RT: 12.61 min Scan# 1784

Delta R.T. -0.01 min

Lab File: VY002029.D

Acq: 19 Mar 2020 18:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion:156 Resp: 97036

Ion Ratio Lower Upper

156 100

77 220.0 109.0 327.0

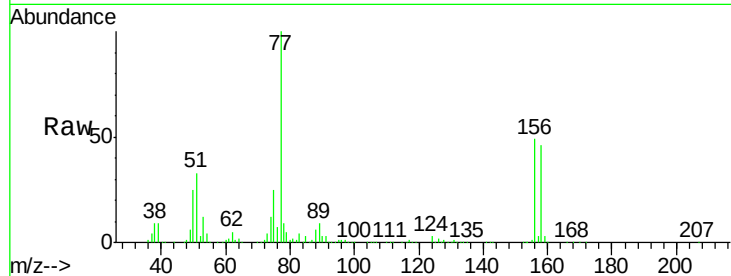
158 96.4 48.9 146.8

Manual Integrations

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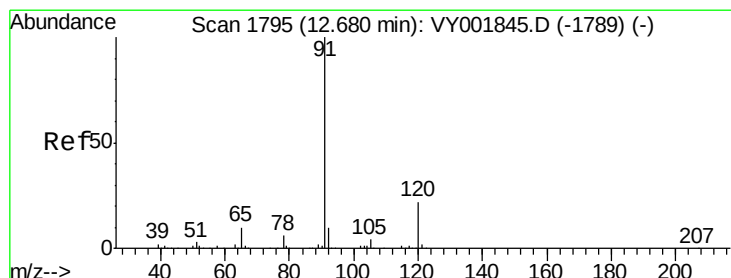
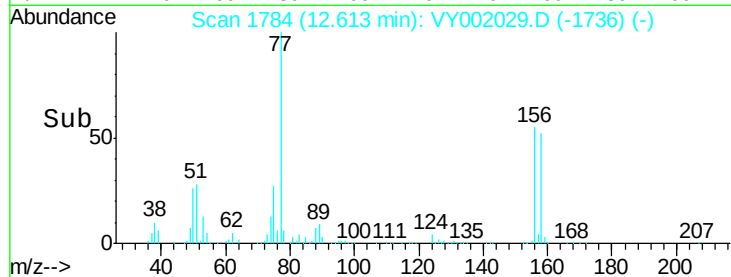
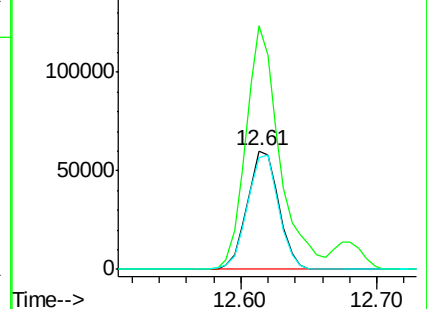
3/20/2020 12:06:18 PM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 51.805 ug/l

RT: 12.68 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VY002029.D

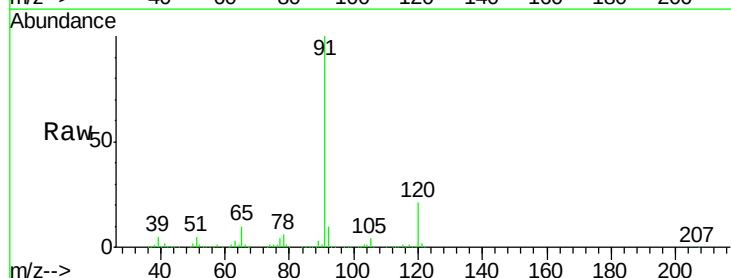
Acq: 19 Mar 2020 18:31

Tgt Ion: 91 Resp: 569231

Ion Ratio Lower Upper

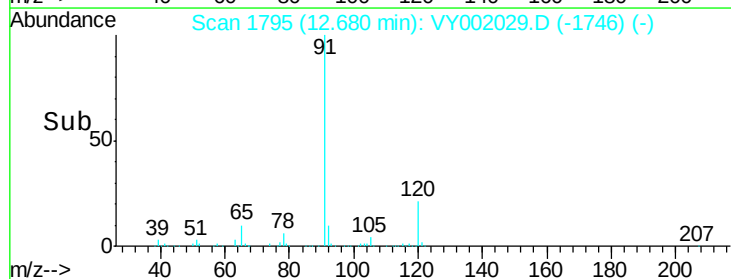
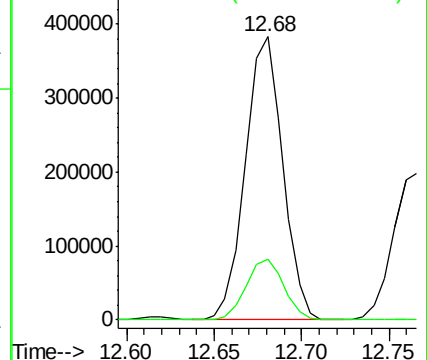
91 100

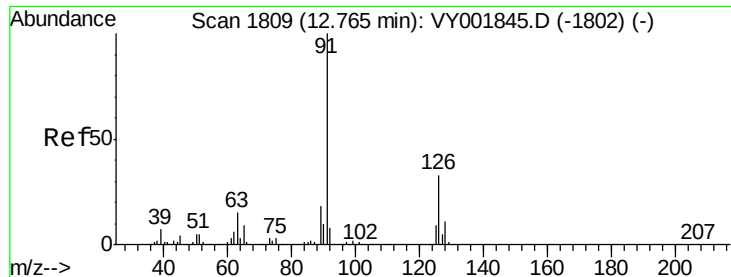
120 21.7 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 51.739 ug/l

RT: 12.77 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VY002029.D

Acq: 19 Mar 2020 18:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 314090

Ion Ratio Lower Upper

91 100

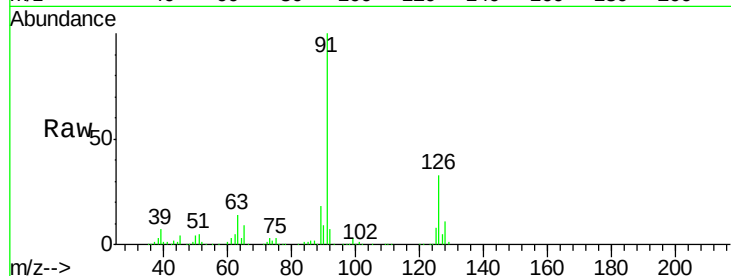
126 32.9 16.3 48.8

Manual Integrations

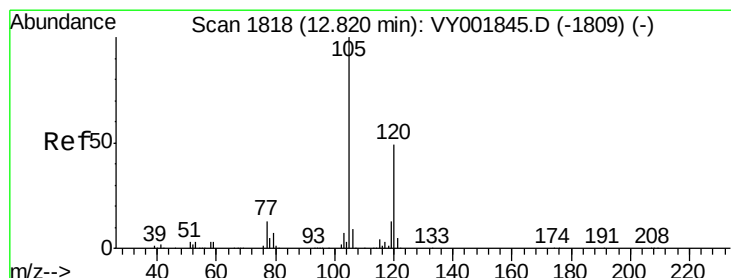
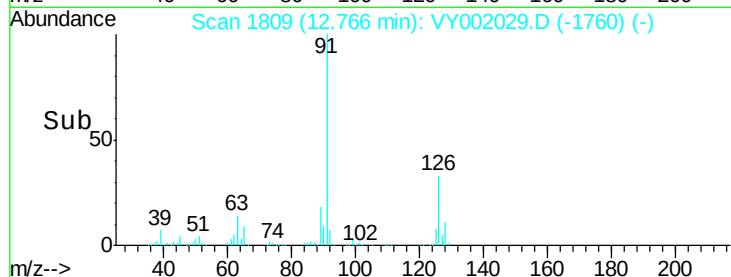
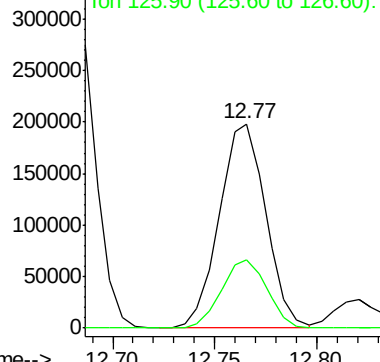
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Abundance Ion 91.00 (90.70 to 91.70): VY001845.D (-1802) (-)



#80

1,3,5-Trimethylbenzene

Concen: 52.092 ug/l

RT: 12.82 min Scan# 1818

Delta R.T. 0.00 min

Lab File: VY002029.D

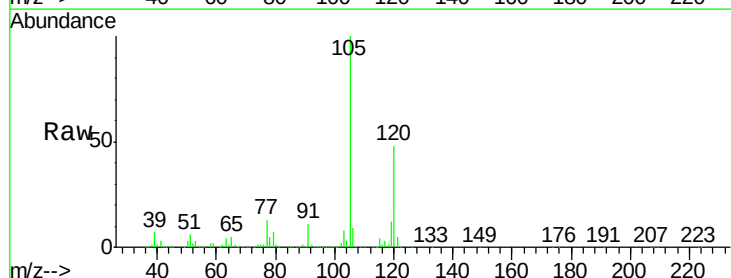
Acq: 19 Mar 2020 18:31

Tgt Ion: 105 Resp: 381950

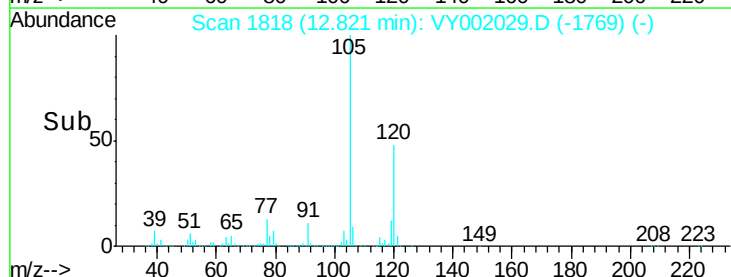
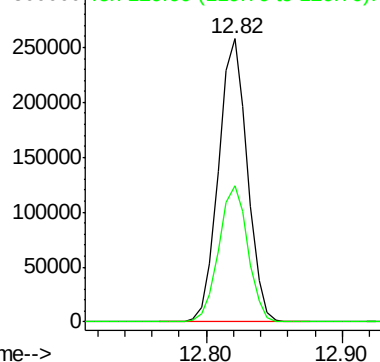
Ion Ratio Lower Upper

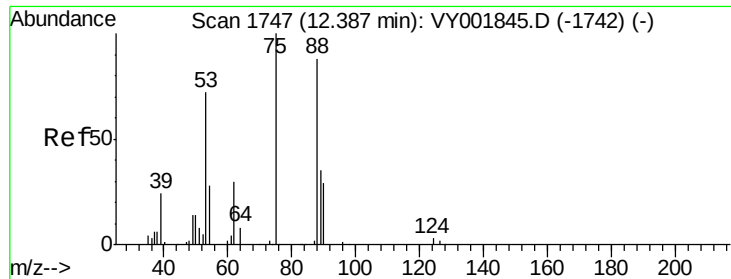
105 100

120 48.7 24.4 73.2



Abundance Ion 105.00 (104.70 to 105.70): VY001845.D (-1809) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 49.653 ug/l

RT: 12.39 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VY002029.D

Acq: 19 Mar 2020 18:31

Instrument :

MSVOA_Y

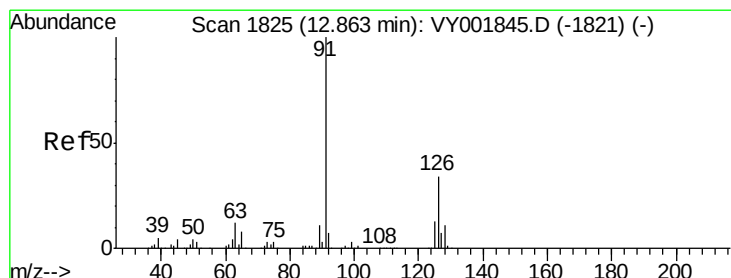
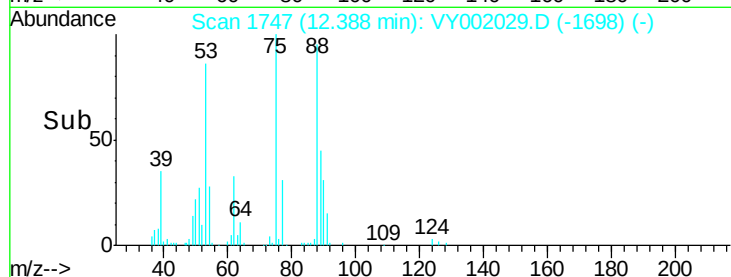
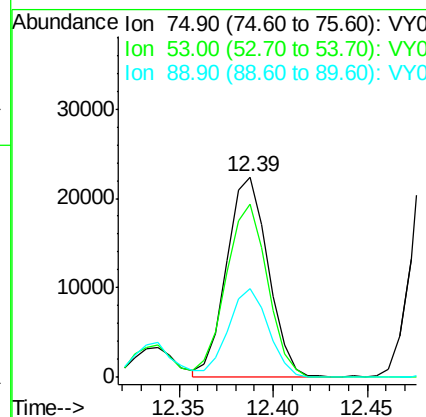
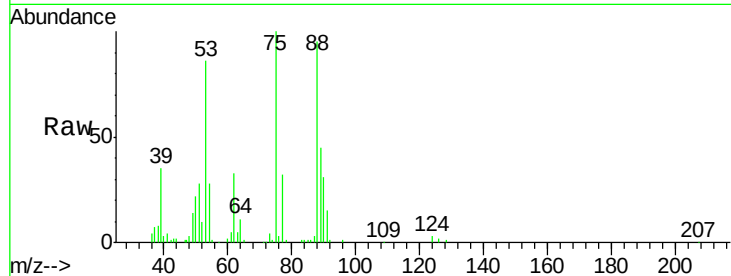
ClientSampleId :

VSTDCCC050EC

Tot Ion:	75	Resp:	34030
Ion	Ratio	Lower	Upper
75	100		
53	87.5	65.4	98.0
89	43.9	36.0	54.0

Manual Integrations
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#82

4-Chlorotoluene

Concen: 52.574 ug/l

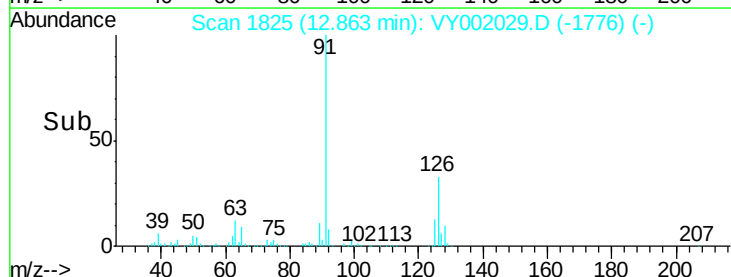
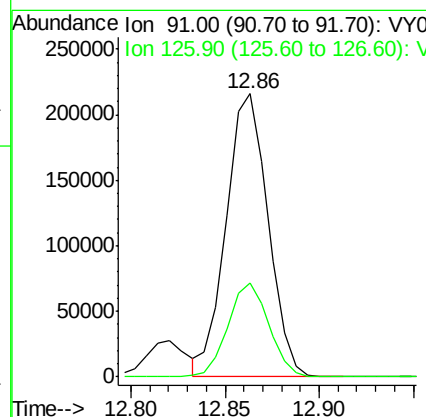
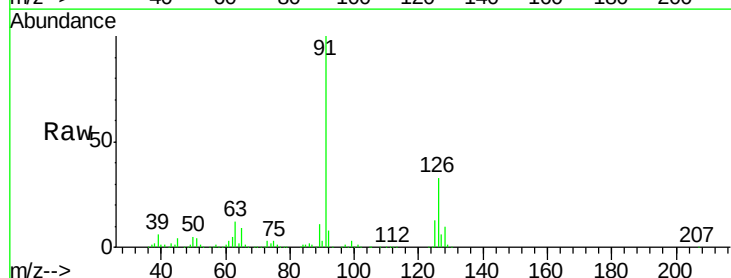
RT: 12.86 min Scan# 1825

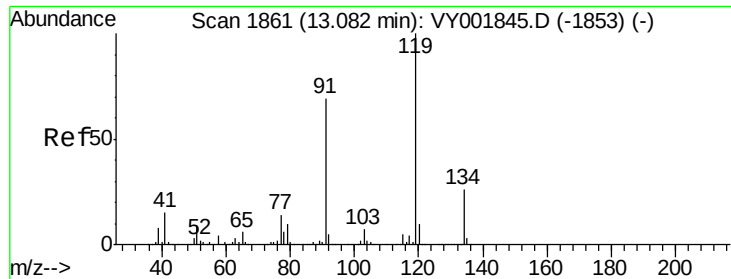
Delta R.T. 0.00 min

Lab File: VY002029.D

Acq: 19 Mar 2020 18:31

Tgt Ion:	91	Resp:	332307
Ion	Ratio	Lower	Upper
91	100		
126	32.4	16.4	49.2





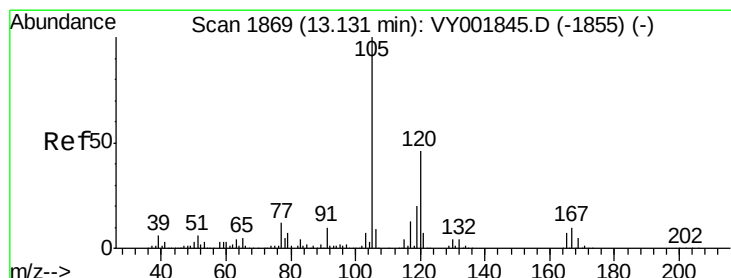
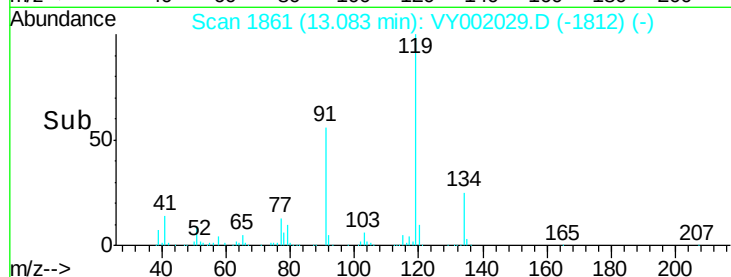
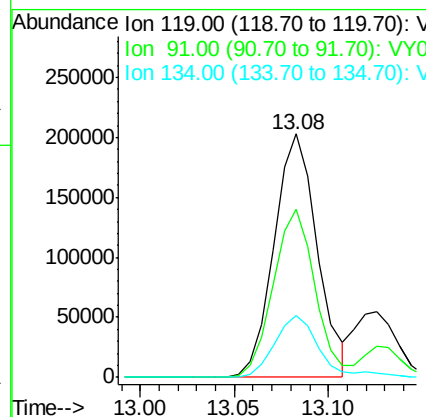
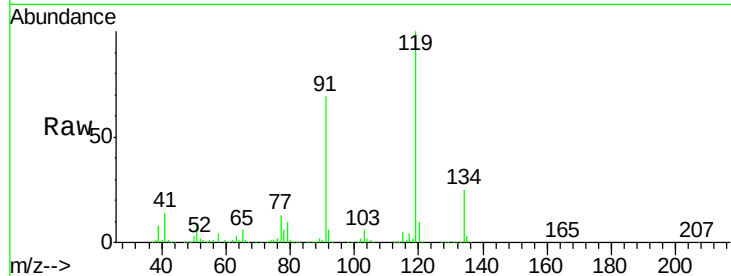
#83
 tert-Butylbenzene
 Concen: 52.934 ug/l
 RT: 13.08 min Scan# 1861
 Delta R.T. 0.00 min
 Lab File: VY002029.D
 Acq: 19 Mar 2020 18:31

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	66.1	34.0	101.8
134	26.3	13.5	40.4

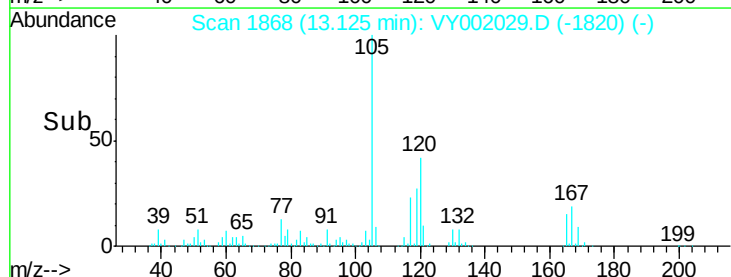
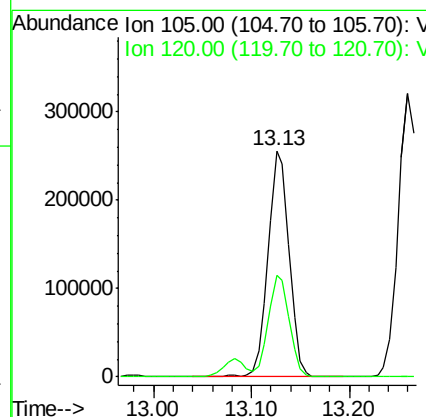
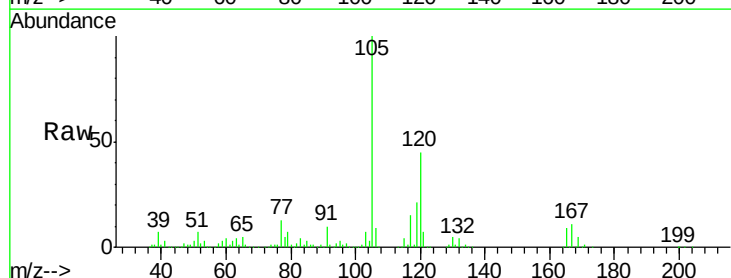
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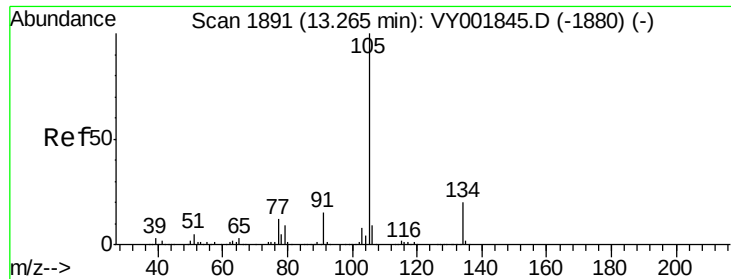
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#84
 1,2,4-Trimethylbenzene
 Concen: 52.327 ug/l
 RT: 13.13 min Scan# 1868
 Delta R.T. -0.01 min
 Lab File: VY002029.D
 Acq: 19 Mar 2020 18:31

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.8	22.6	67.7





#85

sec-Butylbenzene

Concen: 52.455 ug/l

RT: 13.26 min Scan# 1890

Delta R.T. -0.01 min

Lab File: VY002029.D

Acq: 19 Mar 2020 18:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 470860

Ion Ratio Lower Upper

105 100

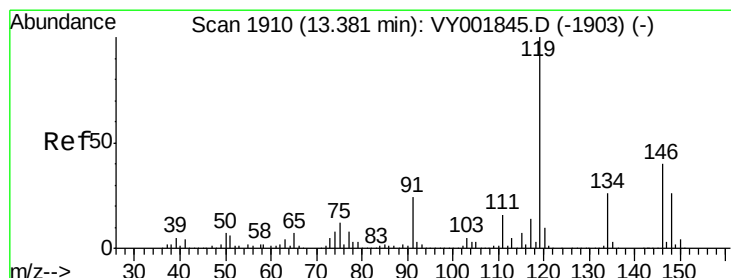
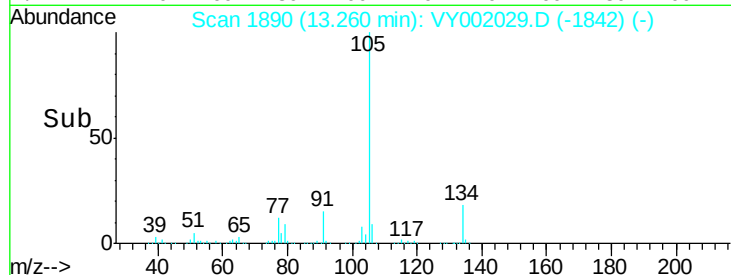
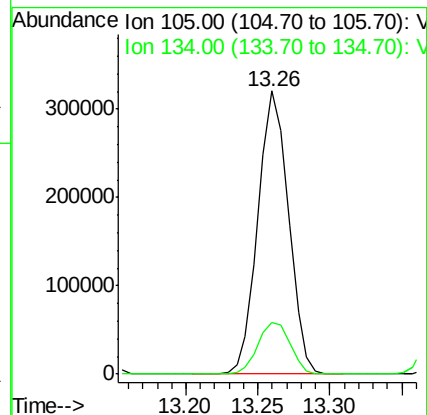
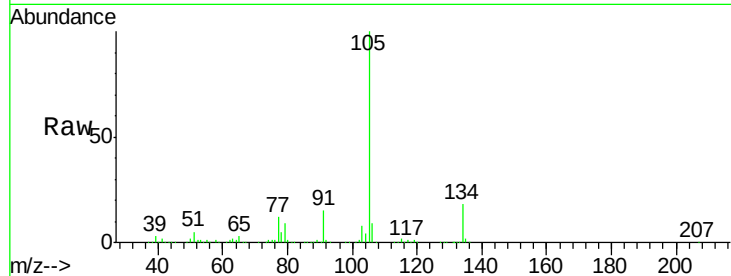
134 19.3 9.7 29.1

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 52.034 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. -0.01 min

Lab File: VY002029.D

Acq: 19 Mar 2020 18:31

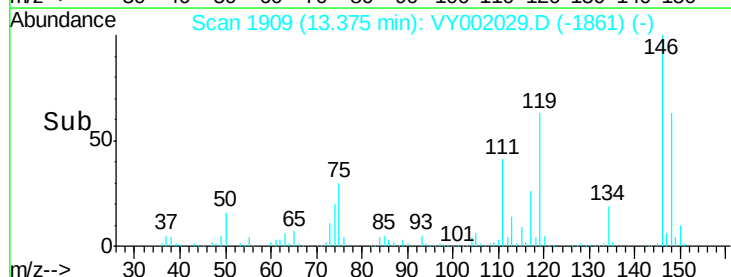
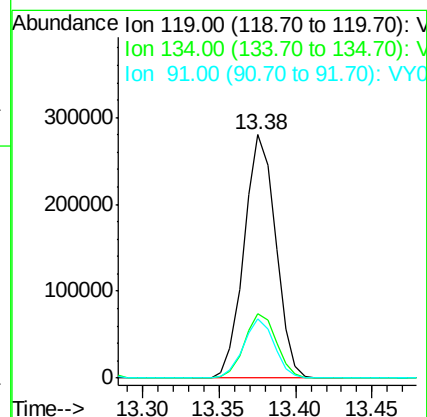
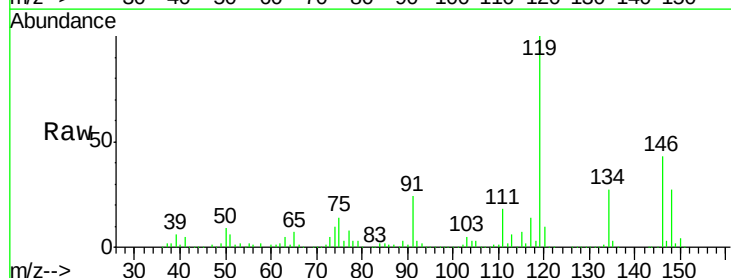
Tgt Ion:119 Resp: 402917

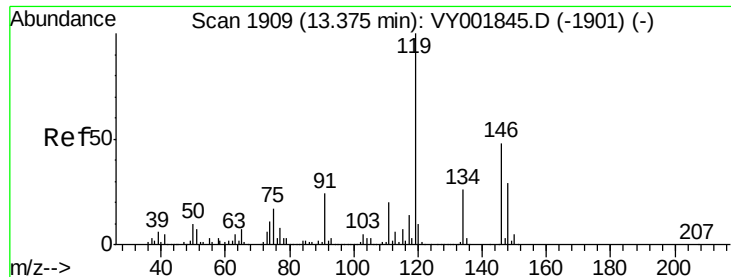
Ion Ratio Lower Upper

119 100

134 26.8 13.1 39.3

91 23.7 11.9 35.7





#87

1,3-Dichlorobenzene

Concen: 51.475 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. 0.00 min

Lab File: VY002029.D

Acq: 19 Mar 2020 18:31

Instrument :

MSVOA_Y

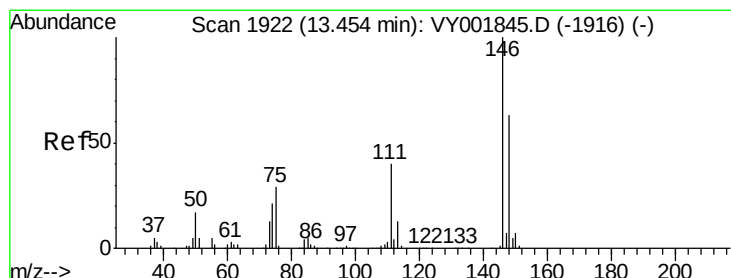
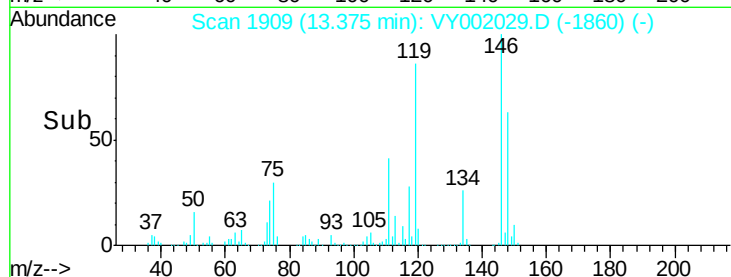
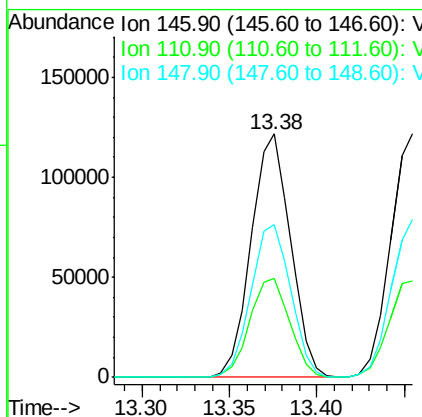
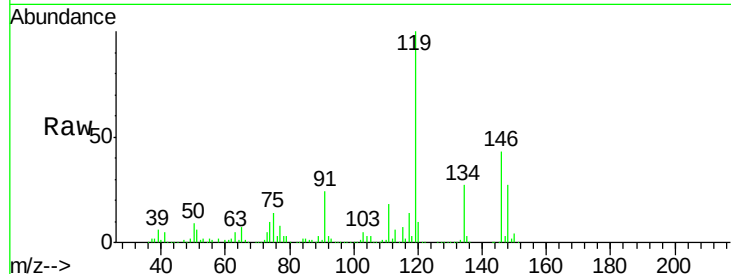
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	190341
Ion Ratio	Lower	Upper	
146	100		
111	41.4	20.8	62.5
148	63.5	31.4	94.0

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#88

1,4-Dichlorobenzene

Concen: 49.996 ug/l

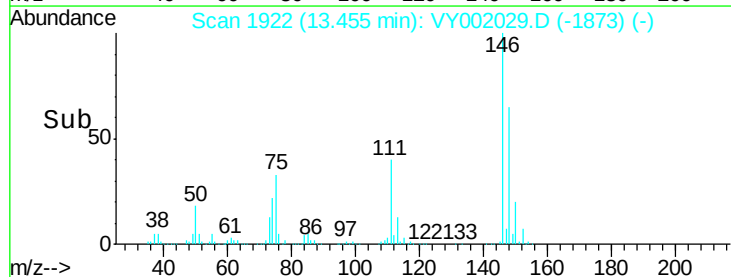
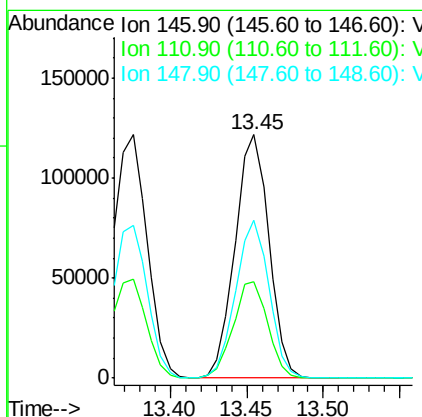
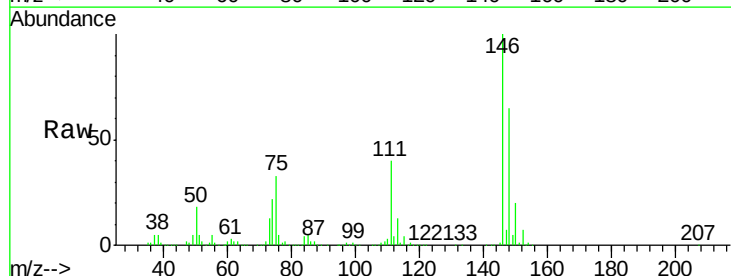
RT: 13.45 min Scan# 1922

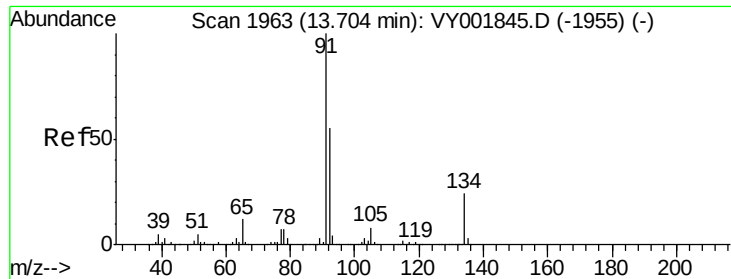
Delta R.T. 0.00 min

Lab File: VY002029.D

Acq: 19 Mar 2020 18:31

Tgt Ion:	146	Resp:	187552
Ion Ratio	Lower	Upper	
146	100		
111	40.5	20.0	60.0
148	63.8	31.5	94.5





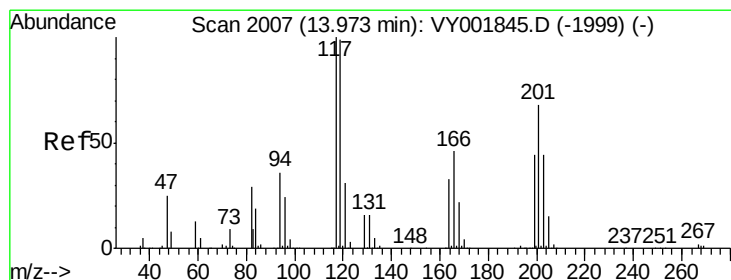
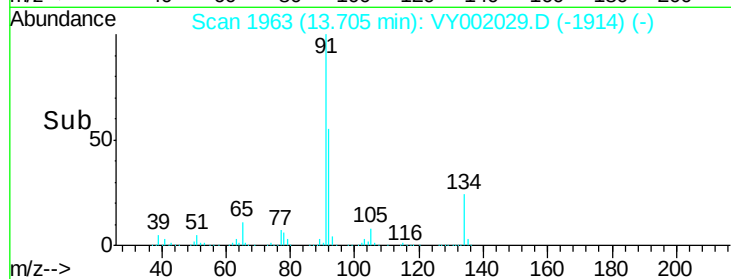
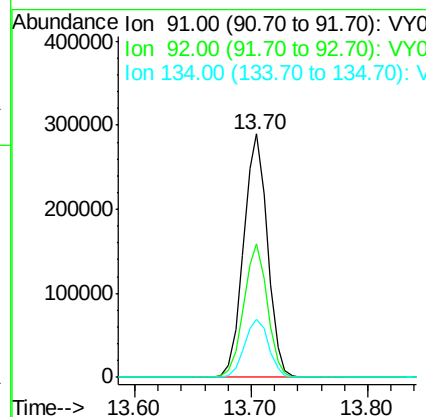
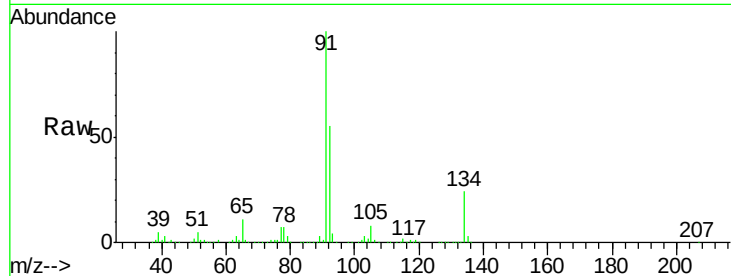
#89
n-Butylbenzene
Concen: 51.620 ug/l
RT: 13.70 min Scan# 1963
Delta R.T. 0.00 min
Lab File: VY002029.D
Acq: 19 Mar 2020 18:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.0	27.5	82.4
134	24.2	12.5	37.5

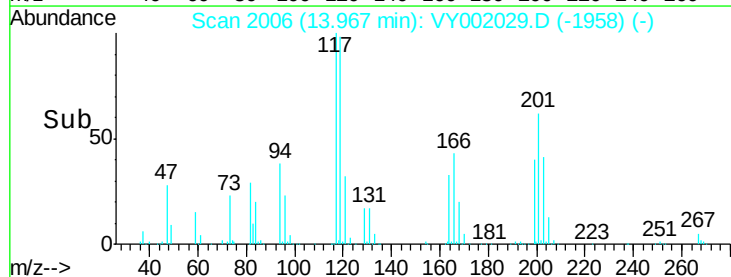
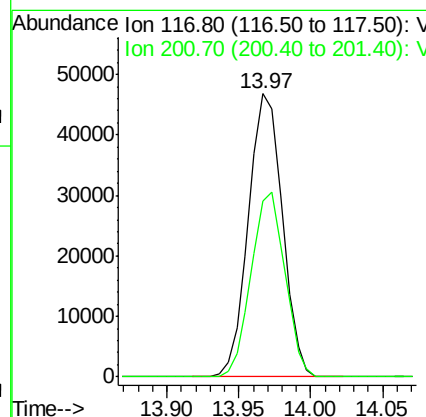
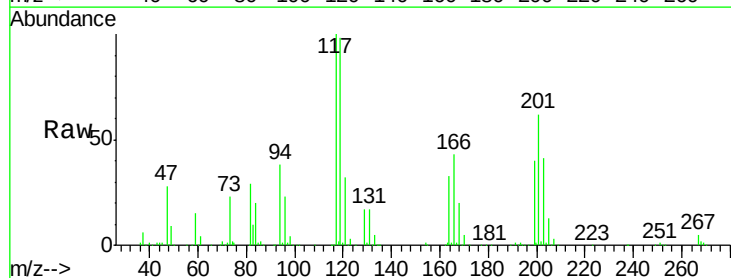
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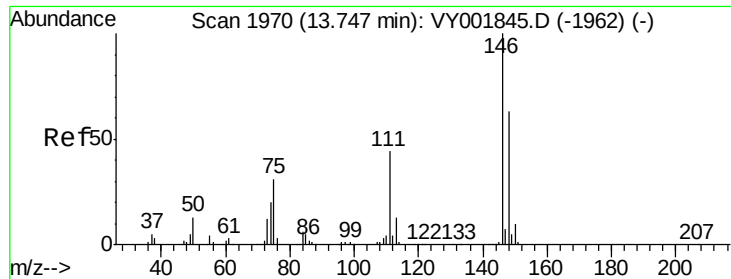
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#90
Hexachloroethane
Concen: 52.371 ug/l
RT: 13.97 min Scan# 2006
Delta R.T. -0.01 min
Lab File: VY002029.D
Acq: 19 Mar 2020 18:31

Tgt Ion	Ratio	Lower	Upper
117	100		
201	64.6	32.5	97.5





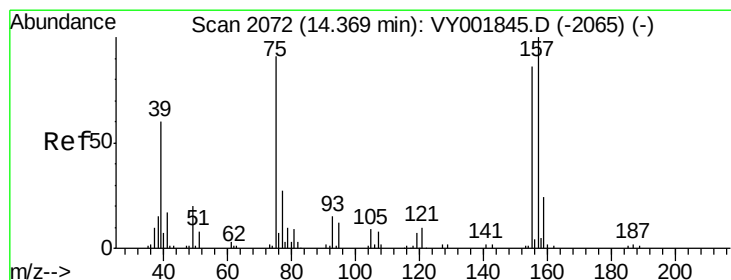
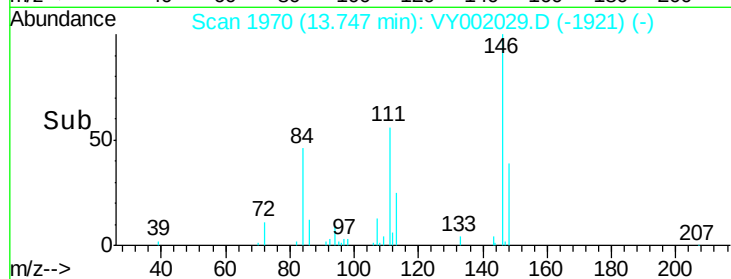
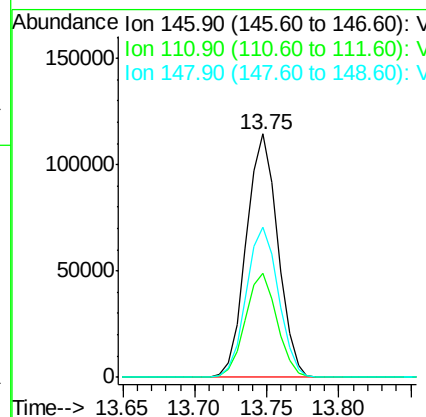
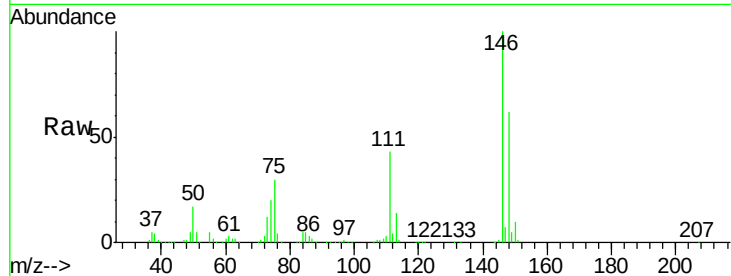
#91
 1,2-Dichlorobenzene
 Concen: 51.567 ug/l
 RT: 13.75 min Scan# 1970
 Delta R.T. 0.00 min
 Lab File: VY002029.D
 Acq: 19 Mar 2020 18:31

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.1	21.5	64.5
148	63.2	32.0	96.0

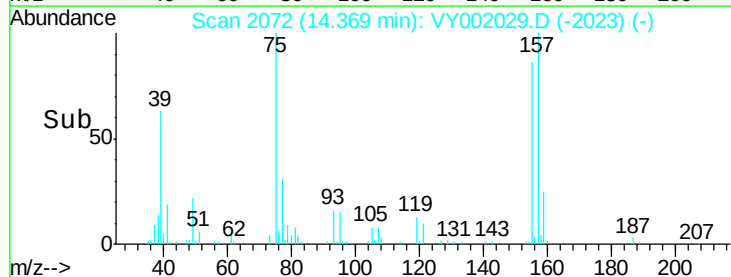
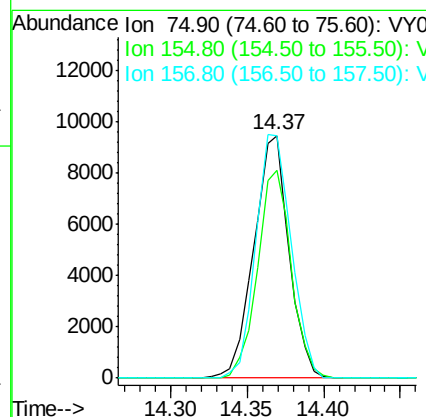
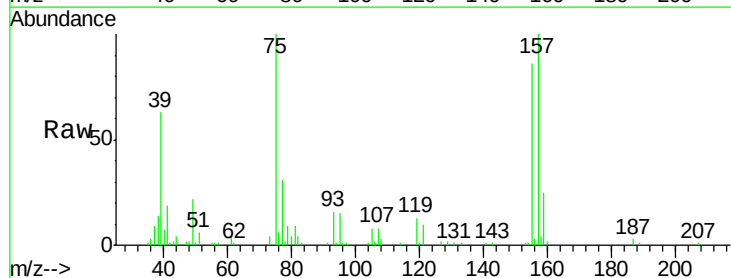
Manual Integrations
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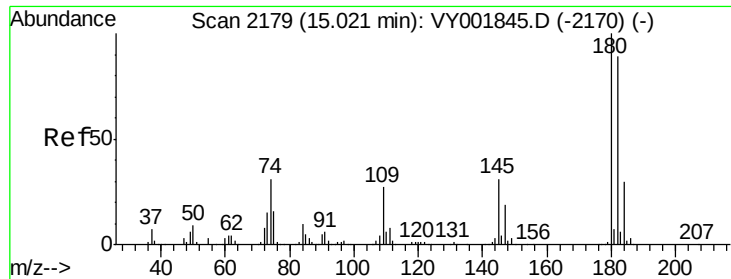
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 3/20/2020 12:06:18 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.279 ug/l
 RT: 14.37 min Scan# 2072
 Delta R.T. 0.00 min
 Lab File: VY002029.D
 Acq: 19 Mar 2020 18:31

Tgt Ion	Ratio	Lower	Upper
75	100		
155	82.5	42.9	128.7
157	101.3	53.1	159.4





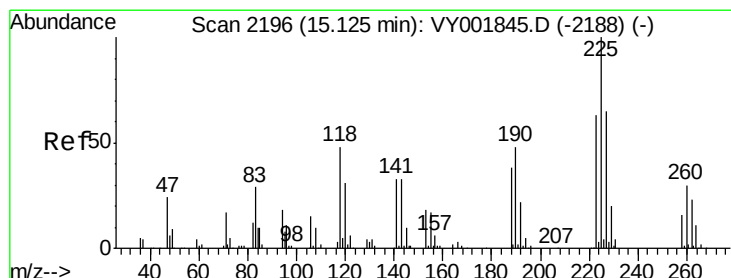
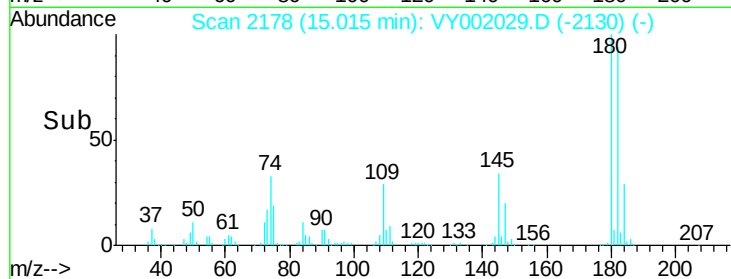
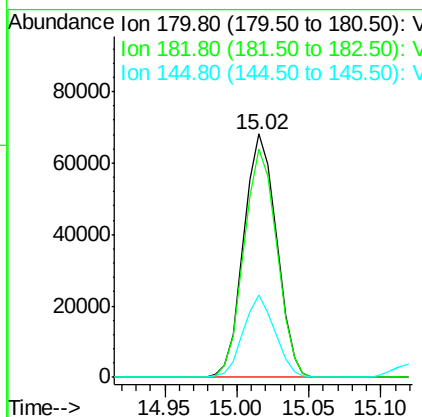
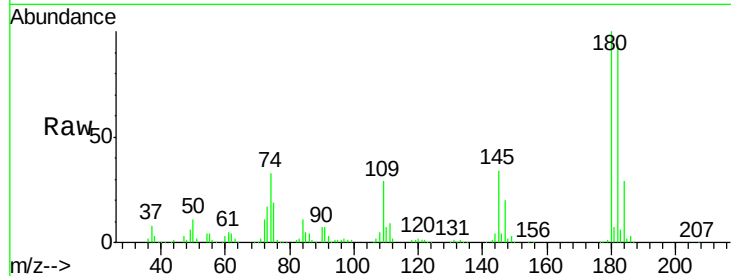
#93
1,2,4-Trichlorobenzene
Concen: 49.449 ug/l
RT: 15.02 min Scan# 2178
Delta R.T. -0.01 min
Lab File: VY002029.D
Acq: 19 Mar 2020 18:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.3	46.1	138.3
145	32.4	15.6	46.8

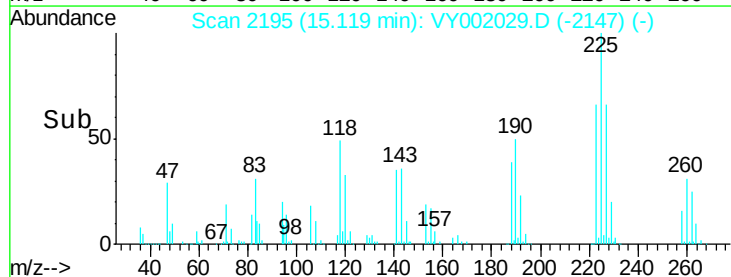
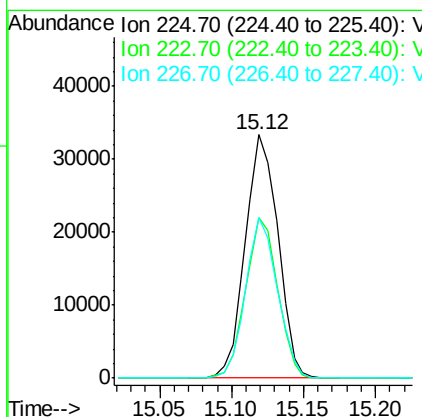
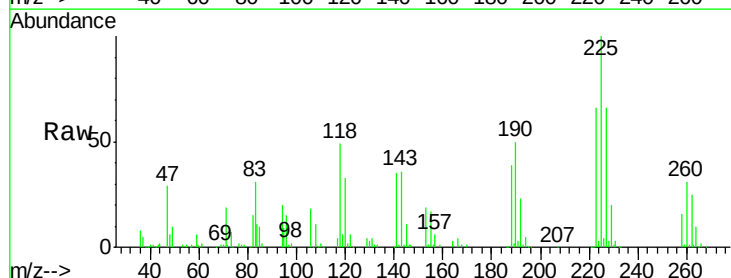
Manual Integrations
APPROVED

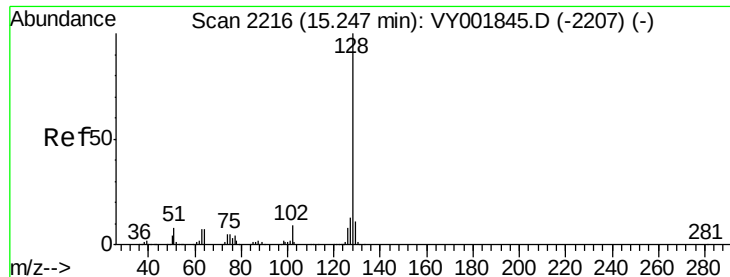
MMDadoda
3/20/2020 12:06:18 PM



#94
Hexachlorobutadiene
Concen: 49.439 ug/l
RT: 15.12 min Scan# 2195
Delta R.T. -0.01 min
Lab File: VY002029.D
Acq: 19 Mar 2020 18:31

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.6	31.5	94.5
227	64.1	31.9	95.5





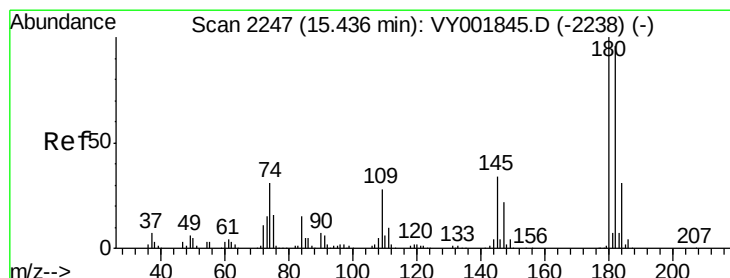
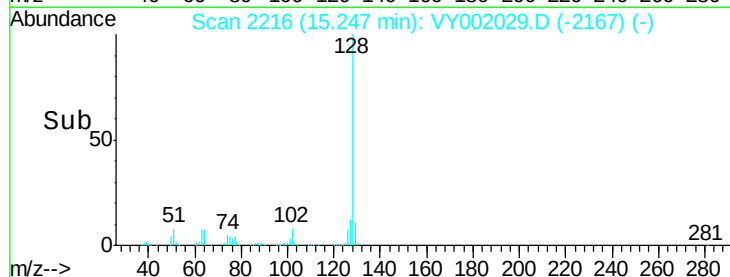
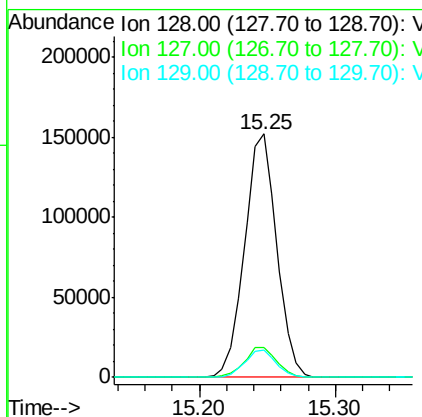
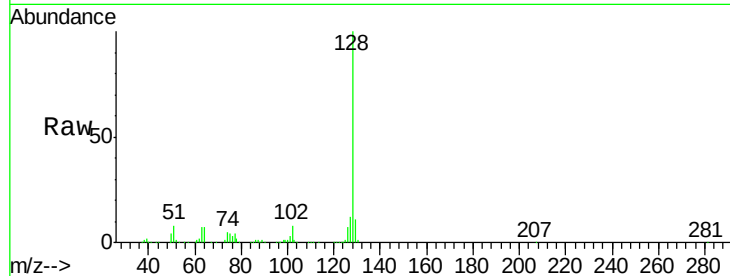
#95
Naphthalene
Concen: 48.611 ug/l
RT: 15.25 min Scan# 2216
Delta R.T. 0.00 min
Lab File: VY002029.D
Acq: 19 Mar 2020 18:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.1	15.1
129	11.1	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
3/20/2020 12:06:18 PM



#96
1,2,3-Trichlorobenzene
Concen: 49.137 ug/l
RT: 15.44 min Scan# 2247
Delta R.T. 0.00 min
Lab File: VY002029.D
Acq: 19 Mar 2020 18:31

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.6	47.6	142.9
145	34.6	16.8	50.3

