

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY031120\
 Data File : VY001934.D
 Acq On : 11 Mar 2020 11:25
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 3/12/2020 2:46:10 PM

Quant Time: Mar 12 09:58:46 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	7.81	168	160696	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	288705	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	263446	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	120519	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.16	65	85182	49.65	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	99.30%	
35) Dibromofluoromethane	7.74	113	81853	51.92	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	103.84%	
50) Toluene-d8	10.19	98	341320	51.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.68%	
62) 4-Bromofluorobenzene	12.49	95	119132	51.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	68627	46.265	ug/l	99
3) Chloromethane	2.13	50	98338	49.172	ug/l	100
4) Vinyl Chloride	2.26	62	102497	50.386	ug/l	100
5) Bromomethane	2.66	94	68013	58.204	ug/l	99
6) Chloroethane	2.81	64	66684	52.185	ug/l	95
7) Trichlorofluoromethane	3.14	101	141312	51.222	ug/l	97
8) Diethyl Ether	3.55	74	57450	52.836	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.92	101	92632	52.204	ug/l	99
10) Methyl Iodide	4.11	142	107699	52.484	ug/l	100
11) Tert butyl alcohol	4.97	59	45836	257.415	ug/l	98
12) 1,1-Dichloroethene	3.89	96	93462	52.311	ug/l	99
13) Acrolein	3.75	56	61464	254.960	ug/l	98
14) Allyl chloride	4.50	41	169487	53.510	ug/l	100
15) Acrylonitrile	5.19	53	147989	254.702	ug/l	99
16) Acetone	3.97	43	127171	254.511	ug/l	96
17) Carbon Disulfide	4.21	76	297419	49.520	ug/l	99
18) Methyl Acetate	4.50	43	62966	49.044	ug/l	99
19) Methyl tert-butyl Ether	5.24	73	253818	52.423	ug/l	98
20) Methylene Chloride	4.74	84	107707	50.296	ug/l	98
21) trans-1,2-Dichloroethene	5.25	96	106153	52.346	ug/l	98
22) Diisopropyl ether	6.14	45	349893	53.891	ug/l	94
23) Vinyl Acetate	6.08	43	1133251	266.251	ug/l	99
24) 1,1-Dichloroethane	6.04	63	185501	52.760	ug/l	99
25) 2-Butanone	7.01	43	194556	256.043	ug/l	100
26) 2,2-Dichloropropane	7.00	77	153550	53.209	ug/l	100
27) cis-1,2-Dichloroethene	7.00	96	116998	53.039	ug/l	99
28) Bromochloromethane	7.36	49	82695	52.181	ug/l	100
29) Tetrahydrofuran	7.36	42	125802	249.313	ug/l	99
30) Chloroform	7.52	83	175579	53.152	ug/l	100
31) Cyclohexane	7.80	56	187816	49.821	ug/l	97
32) 1,1,1-Trichloroethane	7.72	97	148267	53.254	ug/l	99
36) 1,1-Dichloropropene	7.94	75	146938	52.889	ug/l	99
37) Ethyl Acetate	7.10	43	86472	53.553	ug/l	99
38) Carbon Tetrachloride	7.92	117	127301	53.639	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	192768	52.314	ug/l	99
40) Benzene	8.17	78	440804	53.530	ug/l	100
41) Methacrylonitrile	7.33	41	34899m	48.025	ug/l	
42) 1,2-Dichloroethane	8.25	62	112231	52.891	ug/l	99
43) Isopropyl Acetate	8.29	43	160845	52.614	ug/l	99
44) Trichloroethene	8.95	130	106400	53.054	ug/l	97
45) 1,2-Dichloropropane	9.23	63	111854	54.035	ug/l	99
46) Dibromomethane	9.31	93	56362	52.835	ug/l	100
47) Bromodichloromethane	9.50	83	136837	55.144	ug/l	99
48) Methyl methacrylate	9.30	41	71555	52.749	ug/l	96
49) 1,4-Dioxane	9.30	88	13847	947.319	ug/l	96
51) 4-Methyl-2-Pentanone	10.08	43	413972	262.903	ug/l	99
52) Toluene	10.25	92	268831	53.741	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	150304	55.596	ug/l	96
54) cis-1,3-Dichloropropene	9.94	75	177103	55.028	ug/l	99
55) 1,1,2-Trichloroethane	10.65	97	82340	52.743	ug/l	99
56) Ethyl methacrylate	10.52	69	122185	53.396	ug/l	97
57) 1,3-Dichloropropane	10.80	76	147999	53.183	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.79	63	192326	239.014	ug/l	99
59) 2-Hexanone	10.84	43	290697	258.652	ug/l	99
60) Dibromochloromethane	10.99	129	90984	55.308	ug/l	99
61) 1,2-Dibromoethane	11.10	107	77961	52.719	ug/l	100
64) Tetrachloroethene	10.73	164	85492	51.747	ug/l	94
65) Chlorobenzene	11.52	112	274078	52.212	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.60	131	92666	53.832	ug/l	100
67) Ethyl Benzene	11.60	91	518401	52.953	ug/l	100
68) m/p-Xylenes	11.71	106	388349	107.296	ug/l	98
69) o-Xylene	12.03	106	180978	53.051	ug/l	100
70) Styrene	12.05	104	314681	53.858	ug/l	99
71) Bromoform	12.22	173	50294	53.874	ug/l	# 100
73) Isopropylbenzene	12.34	105	487960	53.038	ug/l	99
74) N-amyl acetate	12.15	43	146671	51.872	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.59	83	102953	51.892	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	74107m	51.822	ug/l	
77) Bromobenzene	12.61	156	104886	53.809	ug/l	97
78) n-propylbenzene	12.68	91	610857	53.819	ug/l	100
79) 2-Chlorotoluene	12.77	91	334631	53.363	ug/l	99
80) 1,3,5-Trimethylbenzene	12.82	105	406933	53.728	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.39	75	37906	53.543	ug/l	99
82) 4-Chlorotoluene	12.86	91	348759	53.416	ug/l	99
83) tert-Butylbenzene	13.08	119	340838	54.181	ug/l	98
84) 1,2,4-Trimethylbenzene	13.13	105	404423	53.805	ug/l	100
85) sec-Butylbenzene	13.26	105	508403	54.830	ug/l	100
86) p-Isopropyltoluene	13.38	119	435463	54.442	ug/l	100
87) 1,3-Dichlorobenzene	13.37	146	203470	53.269	ug/l	100
88) 1,4-Dichlorobenzene	13.45	146	204902	52.878	ug/l	99
89) n-Butylbenzene	13.70	91	451579	54.416	ug/l	98
90) Hexachloroethane	13.97	117	83752	55.503	ug/l	100
91) 1,2-Dichlorobenzene	13.75	146	186175	53.651	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.37	75	15684	50.661	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	117388	52.163	ug/l	98
94) Hexachlorobutadiene	15.12	225	58618	53.427	ug/l	99
95) Naphthalene	15.25	128	273262	51.193	ug/l	100
96) 1,2,3-Trichlorobenzene	15.44	180	103535	52.225	ug/l	98

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

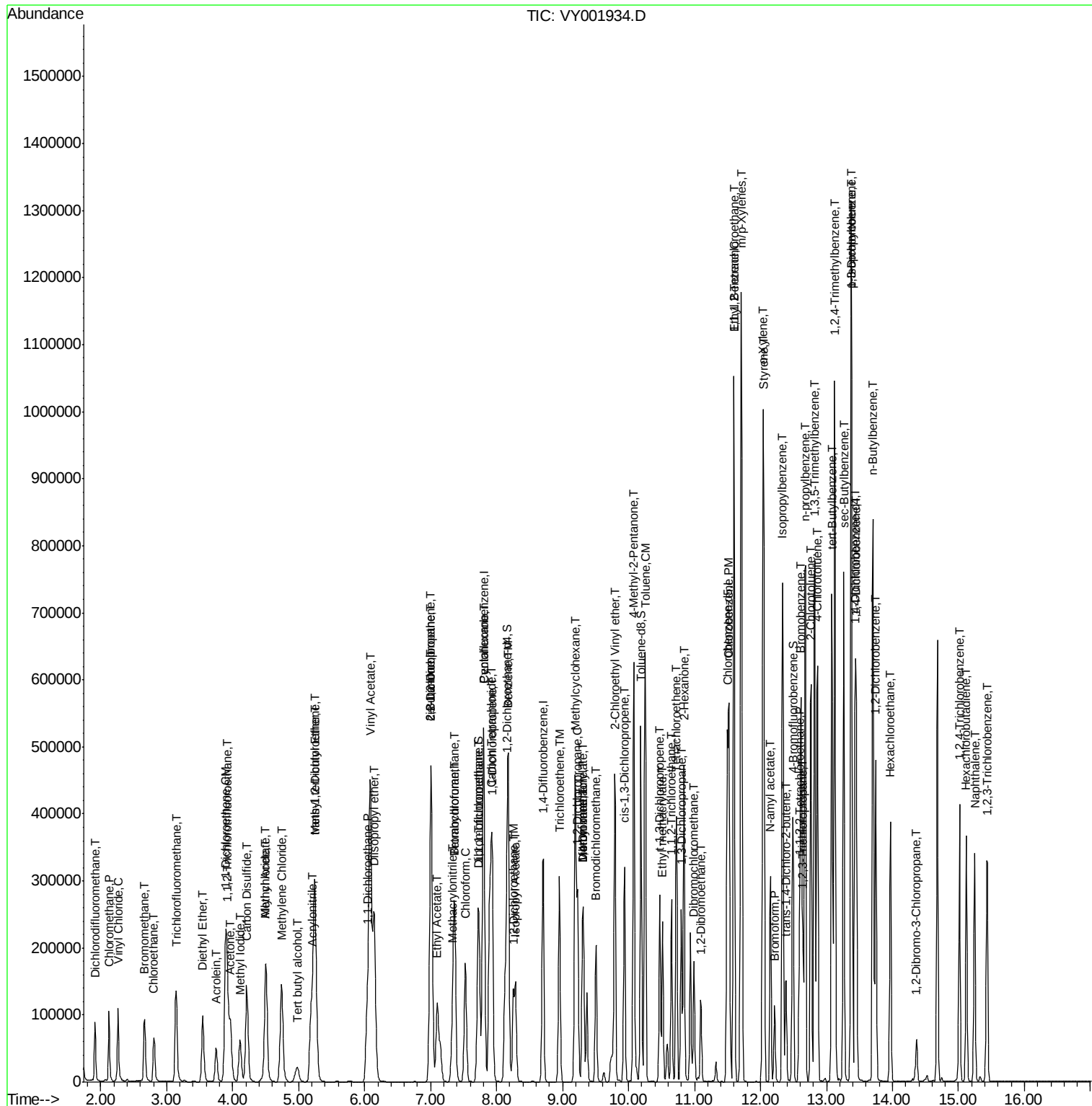
Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY031120\
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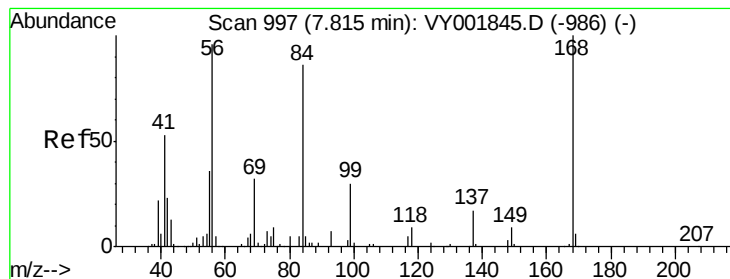
Instrument :
MSVOA_Y
Client Sample Id :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.01 min

Lab File: VY001934.D

Acq: 11 Mar 2020 11:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 160696

Ion Ratio Lower Upper

168 100

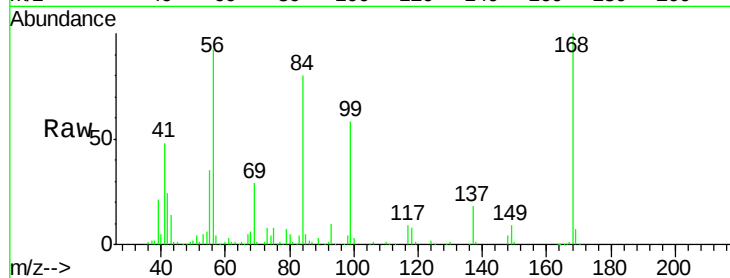
99 57.9 46.7 70.1

Manual Integrations

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3/12/2020 2:46:10 PM



Abundance Ion 167.90 (167.60 to 168.60): VY001845.D (-986) (-)

Ion 98.90 (98.60 to 99.60): VY001845.D (-986) (-)

7.81

80000

60000

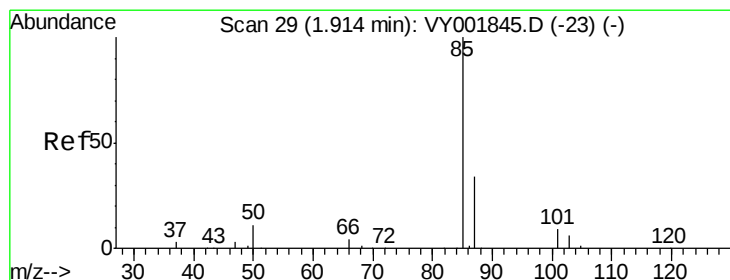
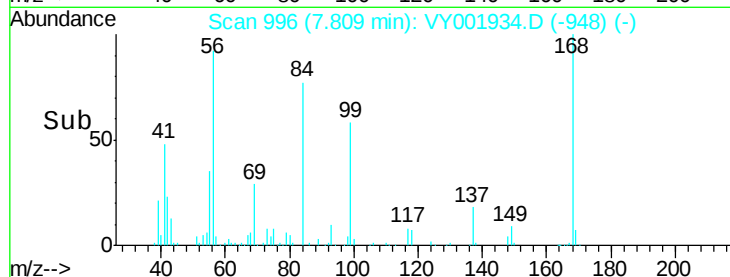
40000

20000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 46.265 ug/l

RT: 1.91 min Scan# 29

Delta R.T. 0.00 min

Lab File: VY001934.D

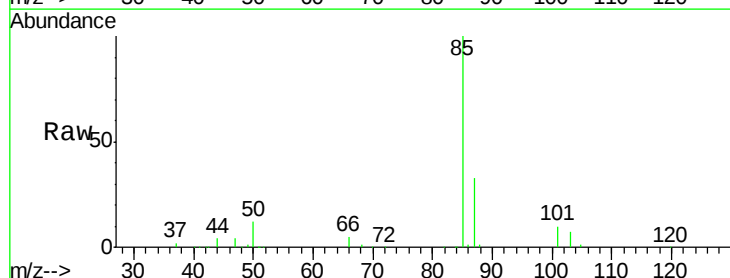
Acq: 11 Mar 2020 11:25

Tgt Ion: 85 Resp: 68627

Ion Ratio Lower Upper

85 100

87 33.3 16.8 50.4



Abundance Ion 84.90 (84.60 to 85.60): VY001845.D (-23) (-)

Ion 86.90 (86.60 to 87.60): VY001845.D (-23) (-)

1.91

50000

40000

30000

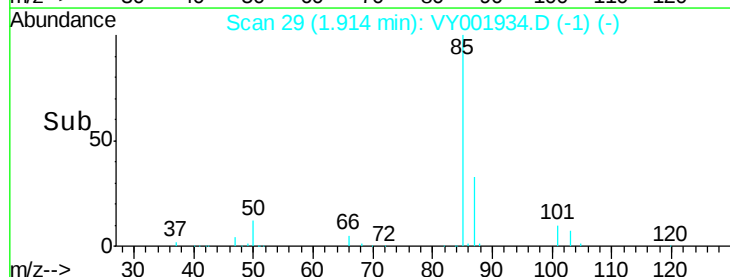
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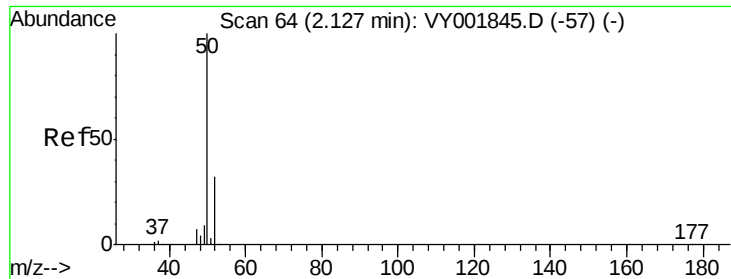
10000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 49.172 ug/l

RT: 2.13 min Scan# 64

Delta R.T. 0.00 min

Lab File: VY001934.D

Acq: 11 Mar 2020 11:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 98338

Ion Ratio Lower Upper

50 100

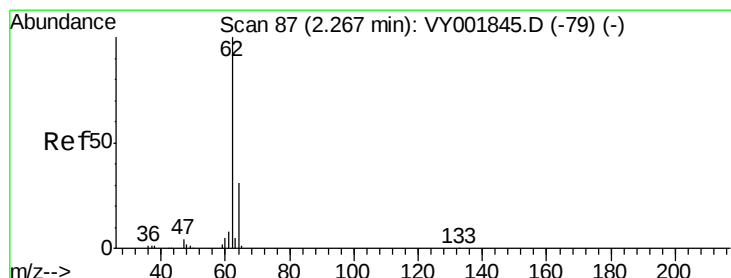
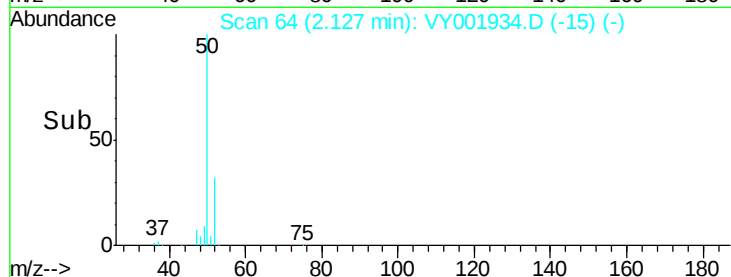
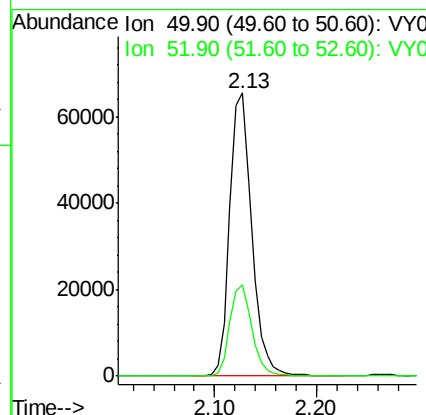
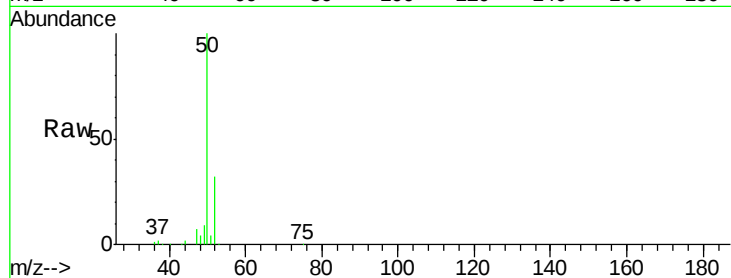
52 32.5 25.8 38.6

Manual Integrations

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#4

Vinyl Chloride

Concen: 50.386 ug/l

RT: 2.26 min Scan# 86

Delta R.T. -0.01 min

Lab File: VY001934.D

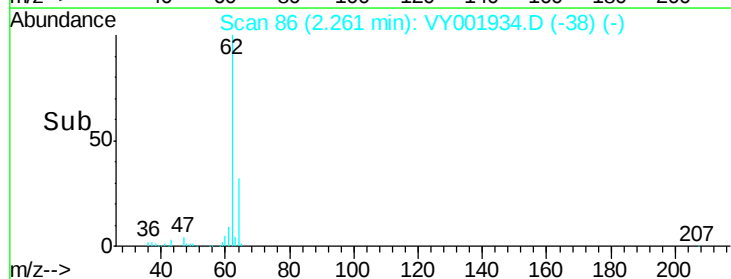
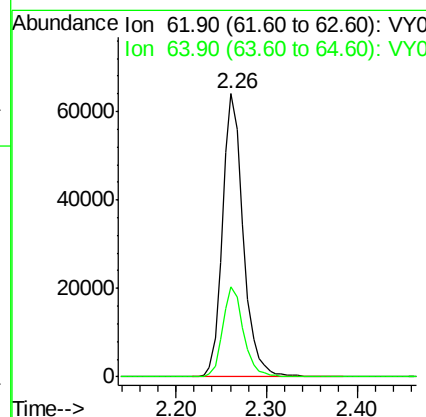
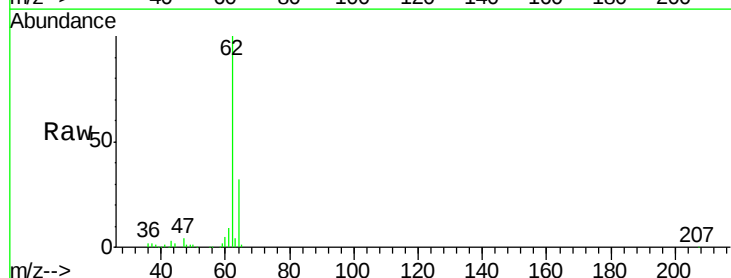
Acq: 11 Mar 2020 11:25

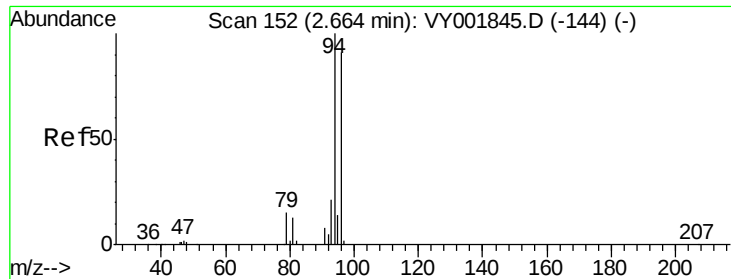
Tgt Ion: 62 Resp: 102497

Ion Ratio Lower Upper

62 100

64 31.6 25.1 37.7





#5

Bromomethane

Concen: 58.204 ug/l

RT: 2.66 min Scan# 152

Delta R.T. 0.00 min

Lab File: VY001934.D

Acq: 11 Mar 2020 11:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 68013

Ion Ratio Lower Upper

94 100

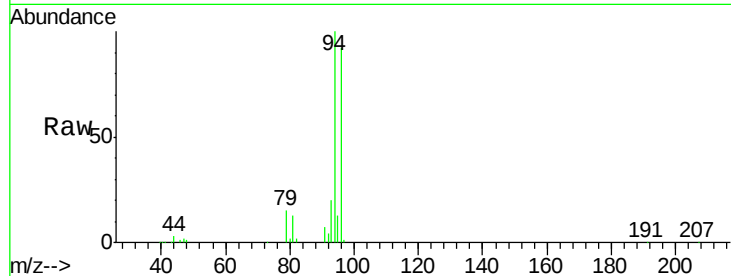
96 92.0 73.2 109.8

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0

2.66

30000

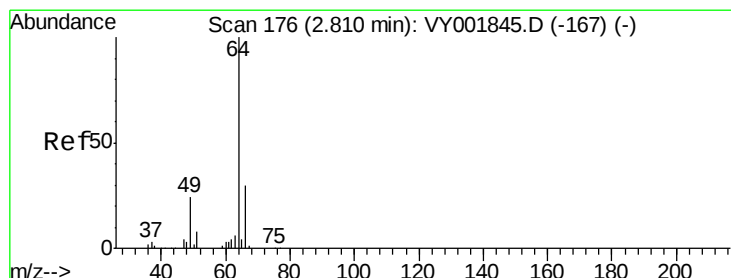
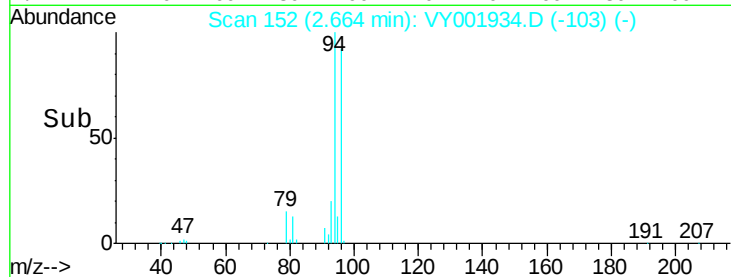
20000

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0

Time-->

2.60 2.70 2.80



#6

Chloroethane

Concen: 52.185 ug/l

RT: 2.81 min Scan# 176

Delta R.T. 0.00 min

Lab File: VY001934.D

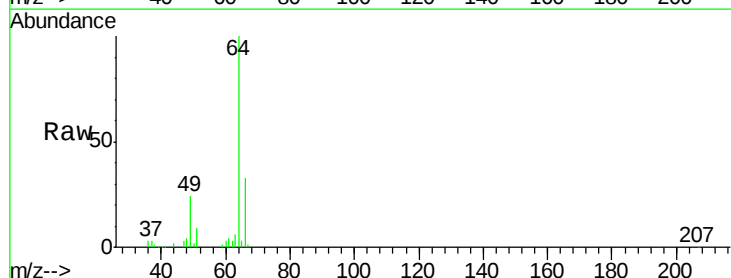
Acq: 11 Mar 2020 11:25

Tgt Ion: 64 Resp: 66684

Ion Ratio Lower Upper

64 100

66 32.6 23.8 35.8



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0

2.81

30000

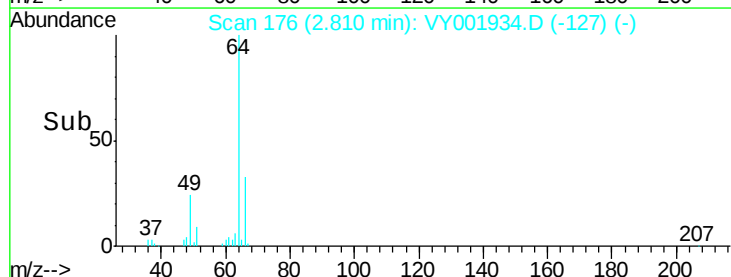
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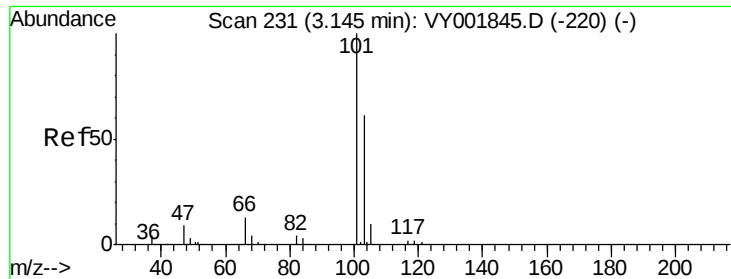
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Time-->

2.70 2.80 2.90 3.00





#7

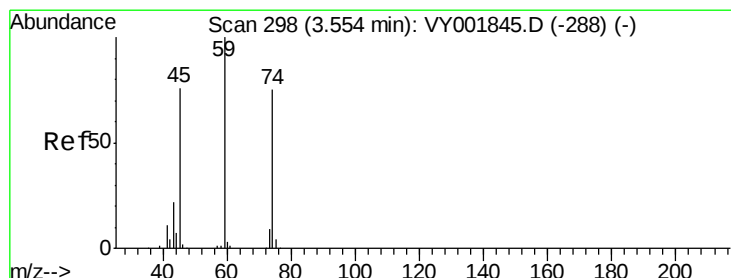
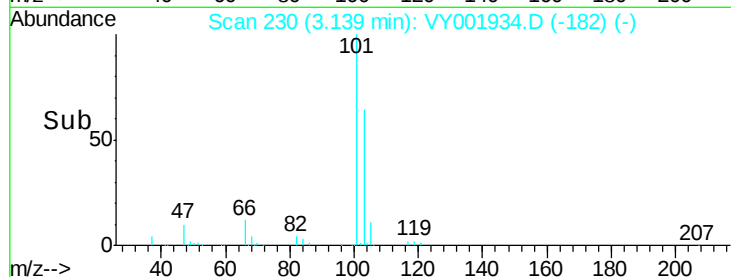
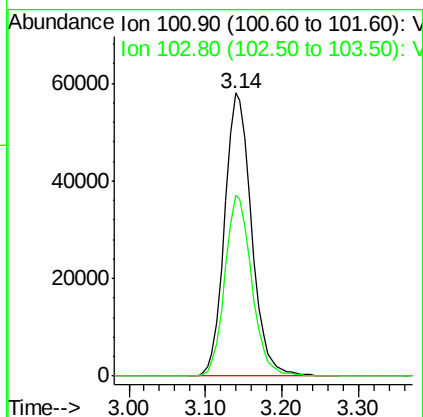
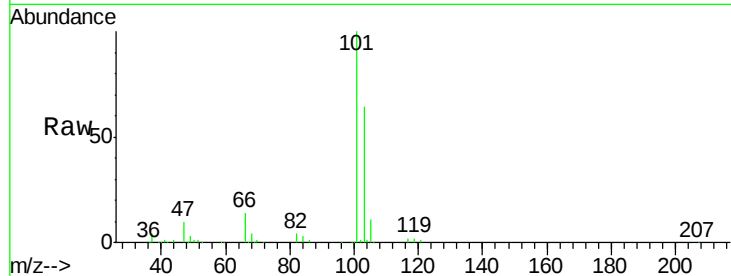
Trichlorofluoromethane
Concen: 51.222 ug/l
RT: 3.14 min Scan# 230
Delta R.T. -0.01 min
Lab File: VY001934.D
Acq: 11 Mar 2020 11:25

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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.0	49.1	73.7

Manual Integrations
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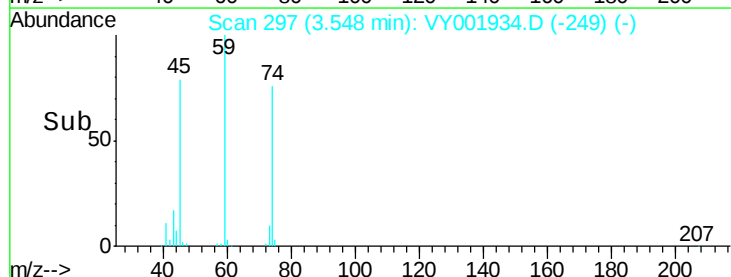
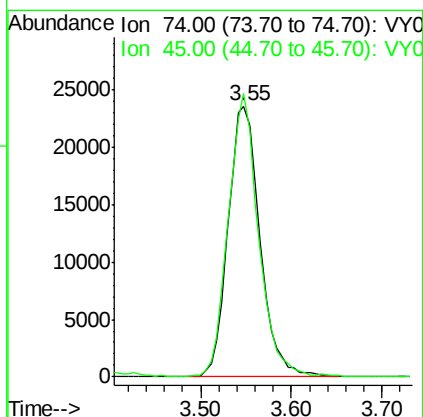
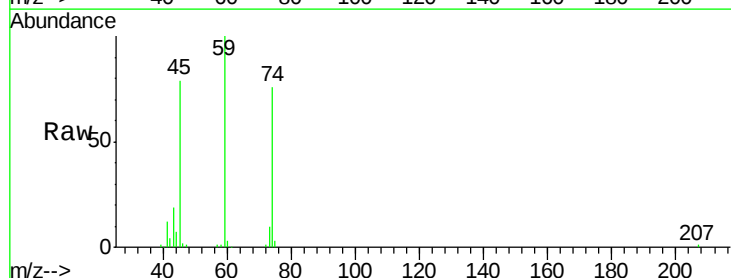
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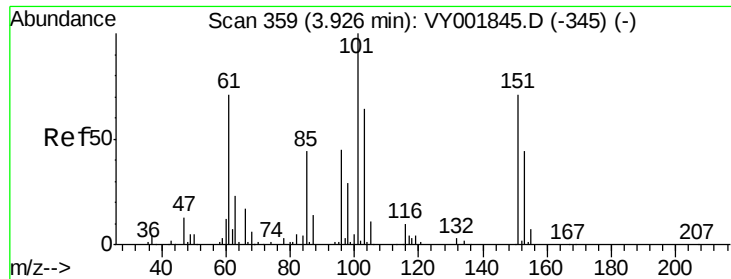


#8

Diethyl Ether
Concen: 52.836 ug/l
RT: 3.55 min Scan# 297
Delta R.T. -0.01 min
Lab File: VY001934.D
Acq: 11 Mar 2020 11:25

Tgt Ion	Ratio	Lower	Upper
74	100		
45	99.5	50.5	151.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.204 ug/l

RT: 3.92 min Scan# 358

Delta R.T. -0.01 min

Lab File: VY001934.D

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MSVOA_Y

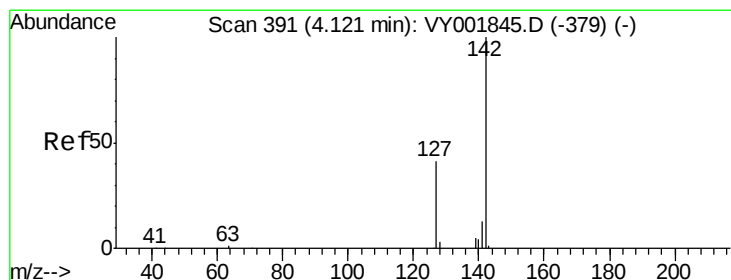
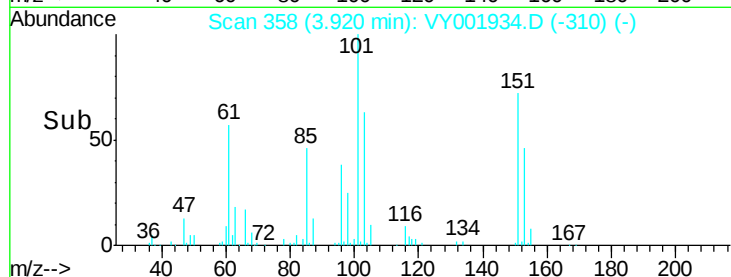
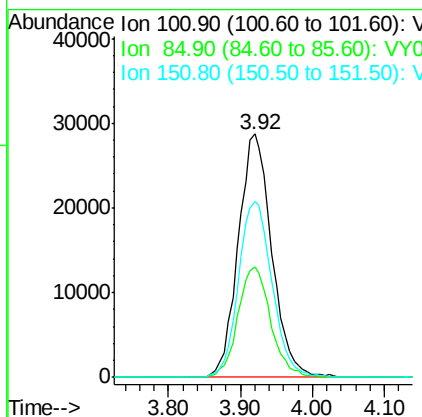
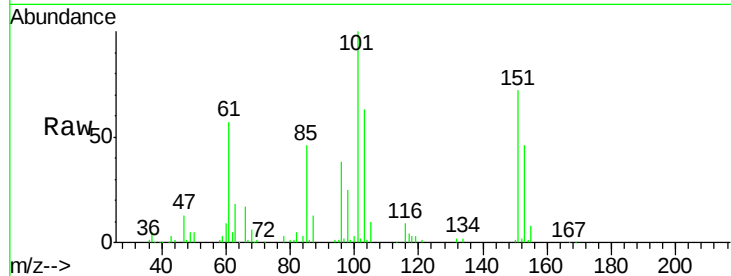
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	92632
Ion Ratio	Lower	Upper	
101	100		
85	44.4	35.3	52.9
151	72.6	57.0	85.4

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#10

Methyl Iodide

Concen: 52.484 ug/l

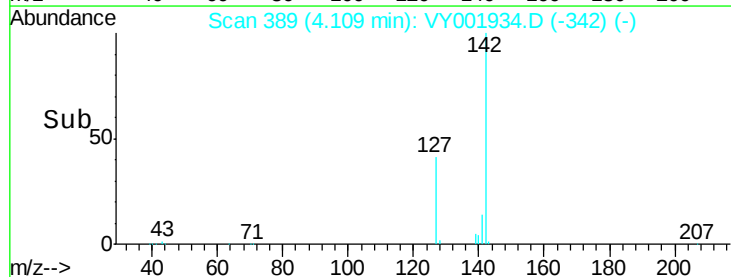
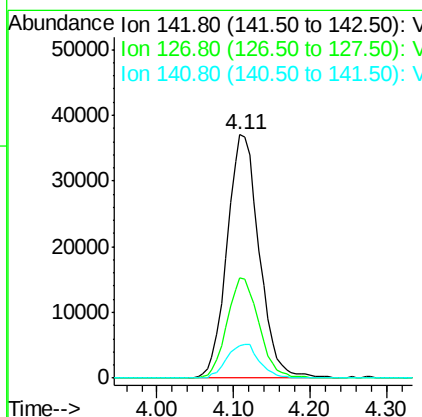
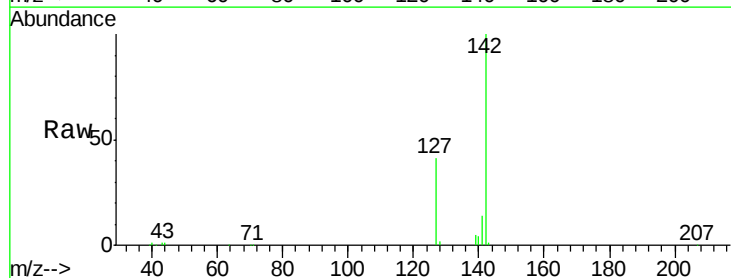
RT: 4.11 min Scan# 389

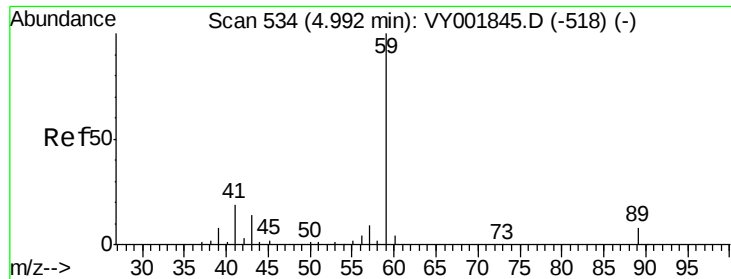
Delta R.T. -0.01 min

Lab File: VY001934.D

Acq: 11 Mar 2020 11:25

Tgt Ion:	142	Resp:	107699
Ion Ratio	Lower	Upper	
142	100		
127	40.7	32.7	49.1
141	14.1	11.0	16.6





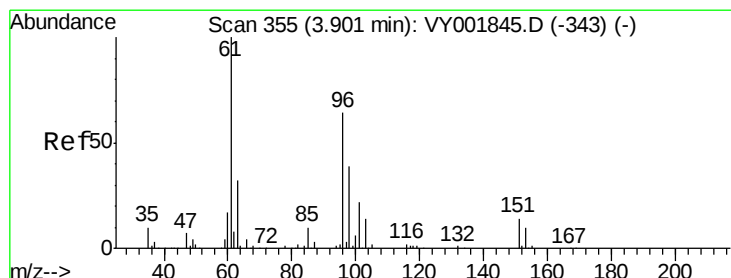
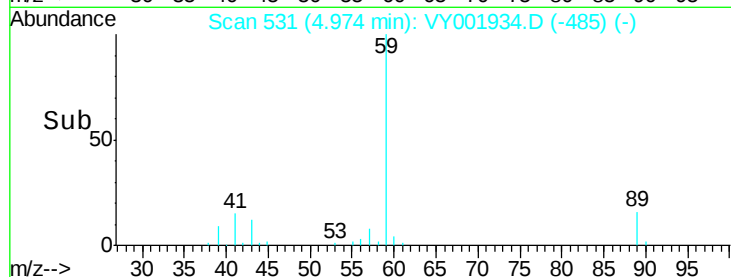
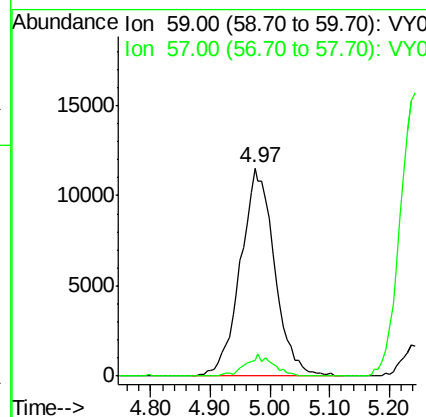
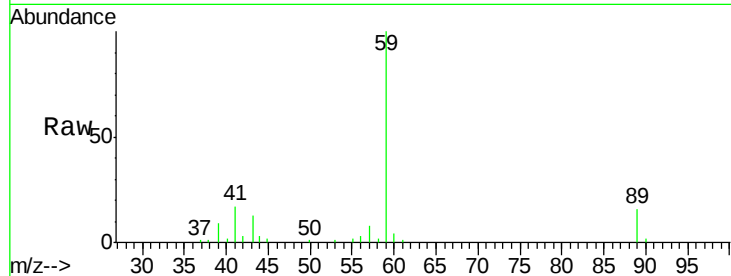
#11
Tert butyl alcohol
Concen: 257.415 ug/l
RT: 4.97 min Scan# 531
Delta R.T. -0.02 min
Lab File: VY001934.D
Acq: 11 Mar 2020 11:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 59 Resp: 45836
Ion Ratio Lower Upper
59 100
57 8.4 7.4 11.2

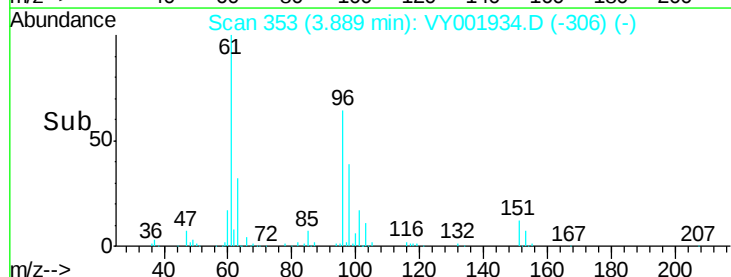
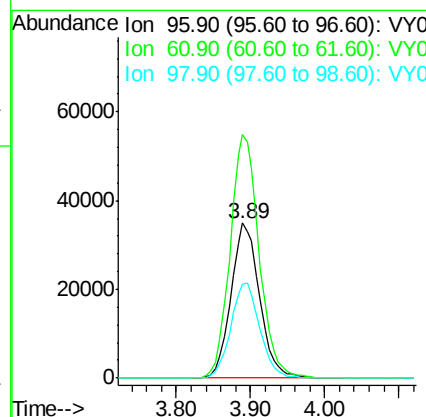
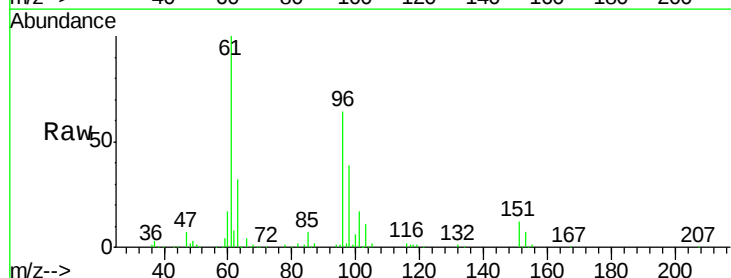
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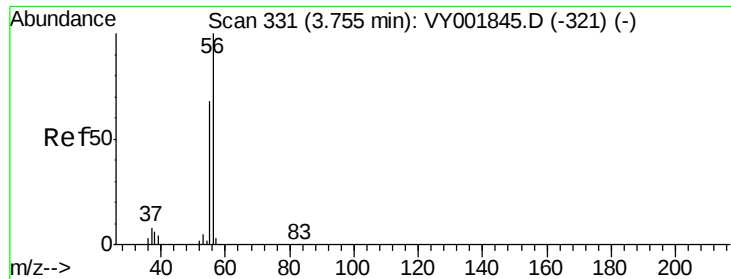
MMDadoda
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#12
1,1-Dichloroethene
Concen: 52.311 ug/l
RT: 3.89 min Scan# 353
Delta R.T. -0.01 min
Lab File: VY001934.D
Acq: 11 Mar 2020 11:25

Tgt Ion: 96 Resp: 93462
Ion Ratio Lower Upper
96 100
61 156.9 124.8 187.2
98 60.7 49.2 73.8





#13

Acrolein

Concen: 254.960 ug/l

RT: 3.75 min Scan# 330

Delta R.T. -0.01 min

Lab File: VY001934.D

Acq: 11 Mar 2020 11:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 61464

Ion Ratio Lower Upper

56 100

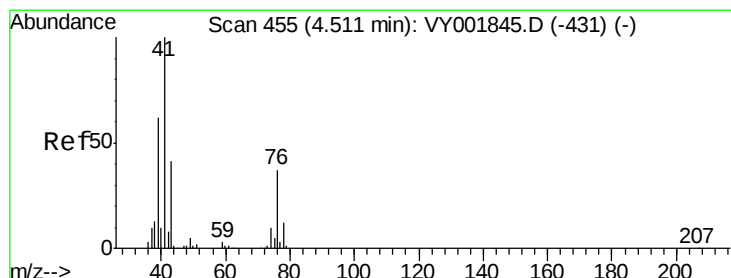
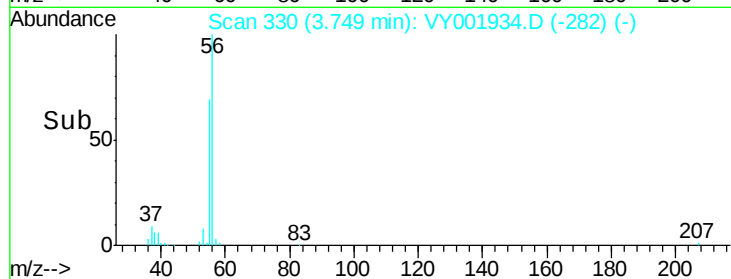
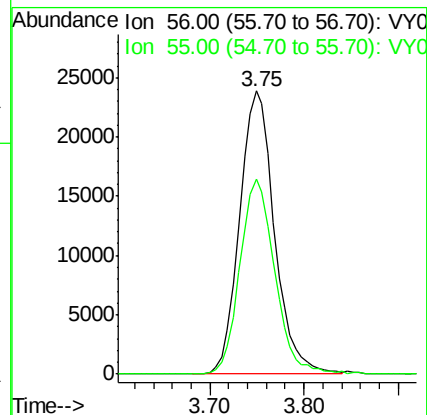
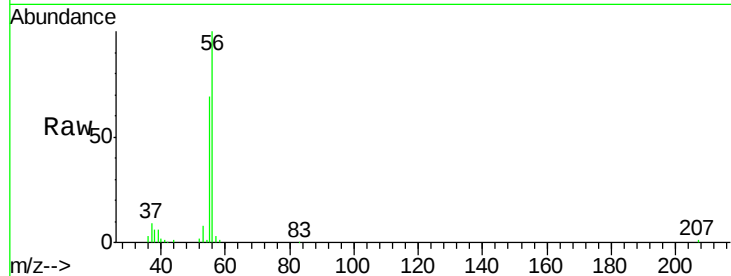
55 69.2 54.0 81.0

Manual Integrations

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#14

Allyl chloride

Concen: 53.510 ug/l

RT: 4.50 min Scan# 453

Delta R.T. -0.01 min

Lab File: VY001934.D

Acq: 11 Mar 2020 11:25

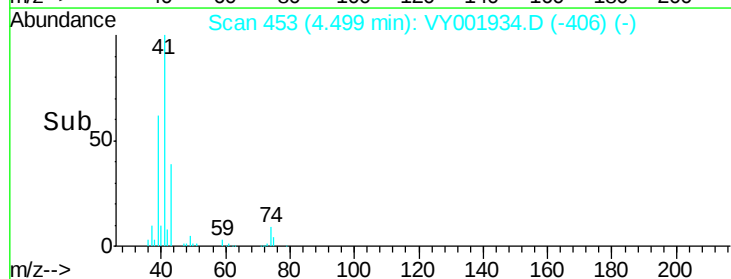
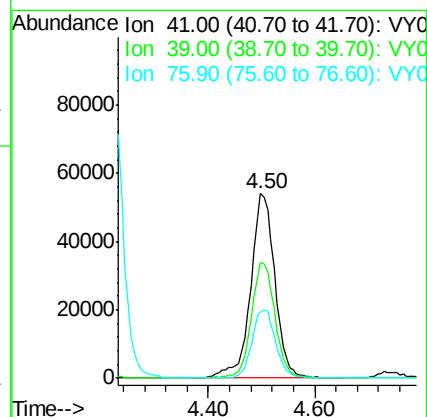
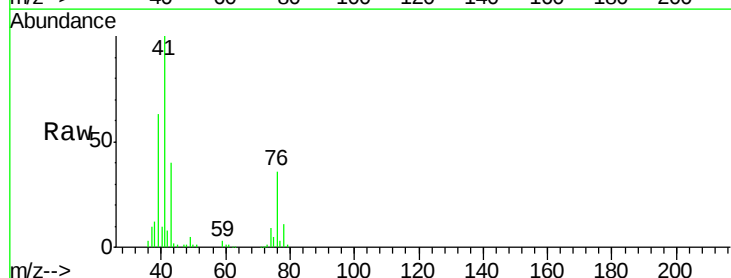
Tgt Ion: 41 Resp: 169487

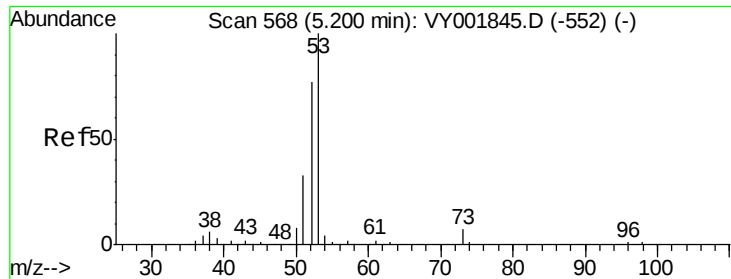
Ion Ratio Lower Upper

41 100

39 61.0 49.0 73.6

76 36.0 28.9 43.3





#15

Acrylonitrile

Concen: 254.702 ug/l

RT: 5.19 min Scan# 567

Delta R.T. -0.01 min

Lab File: VY001934.D

Acq: 11 Mar 2020 11:25

Instrument :

MSVOA_Y

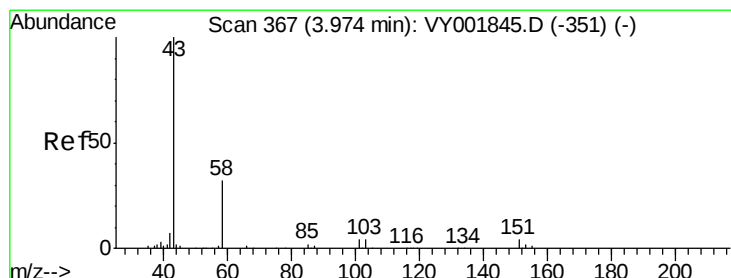
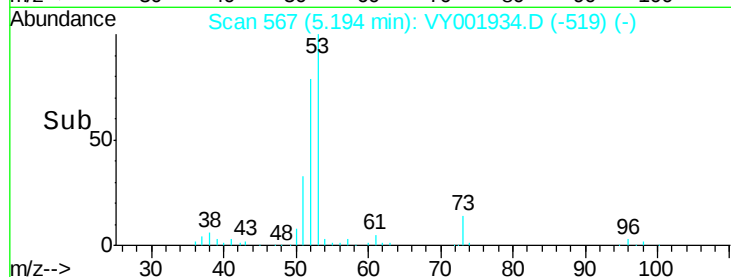
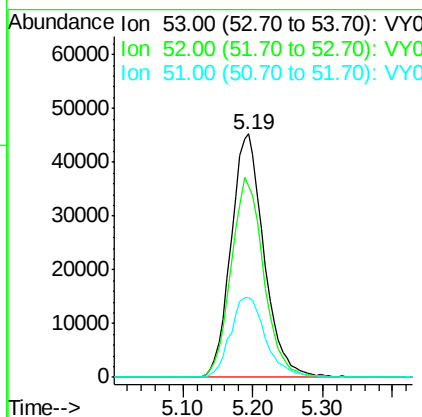
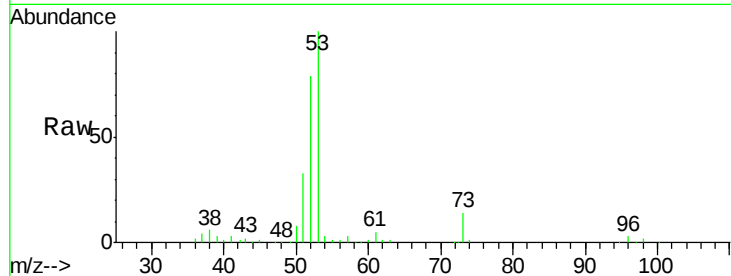
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	147989
Ion Ratio	Lower	Upper	
53	100		
52	81.1	65.1	97.7
51	35.2	27.5	41.3

Manual Integrations
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#16

Acetone

Concen: 254.511 ug/l

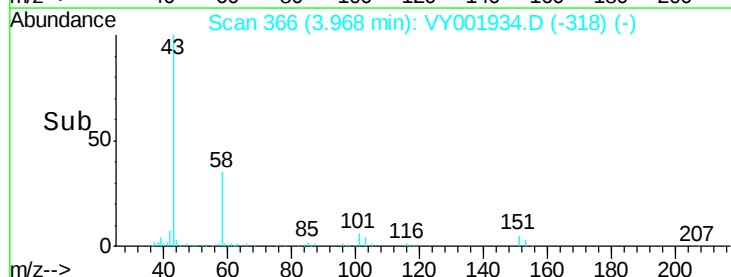
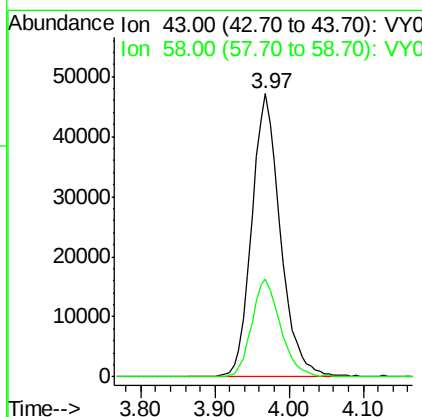
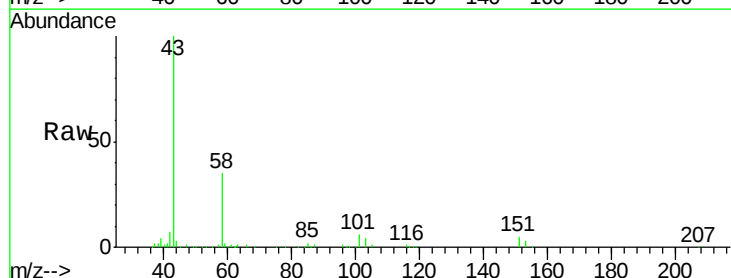
RT: 3.97 min Scan# 366

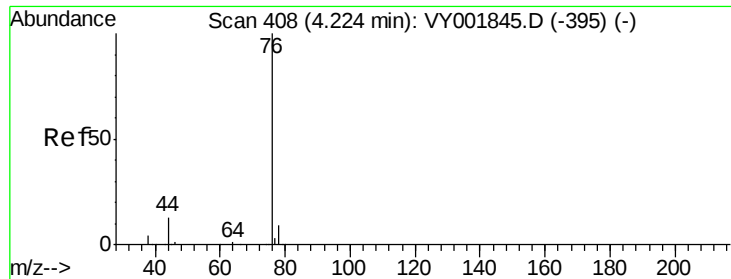
Delta R.T. -0.01 min

Lab File: VY001934.D

Acq: 11 Mar 2020 11:25

Tgt Ion:	43	Resp:	127171
Ion Ratio	Lower	Upper	
43	100		
58	34.7	25.9	38.9





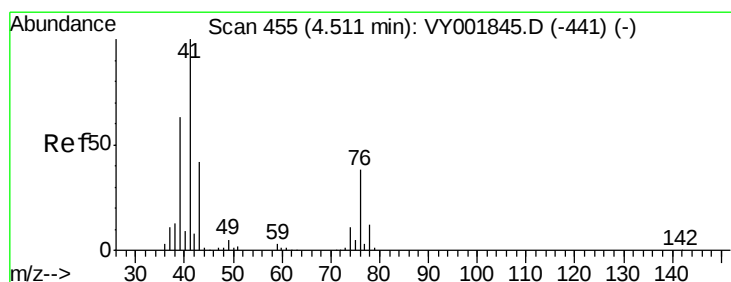
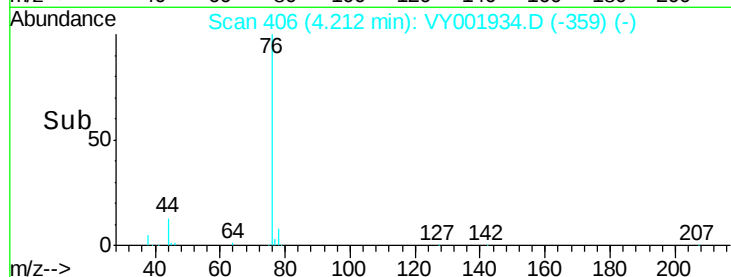
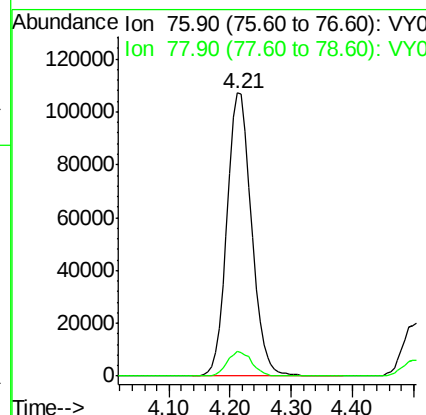
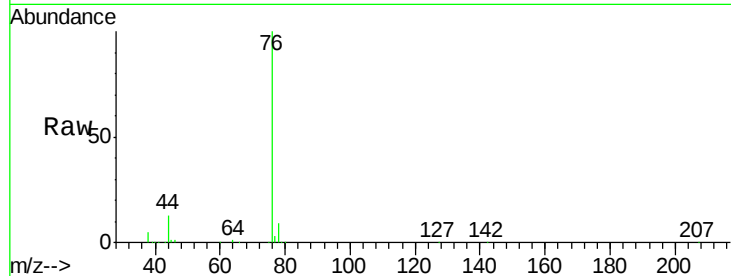
#17
Carbon Disulfide
Concen: 49.520 ug/l
RT: 4.21 min Scan# 406
Delta R.T. -0.01 min
Lab File: VY001934.D
Acq: 11 Mar 2020 11:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.4	11.2

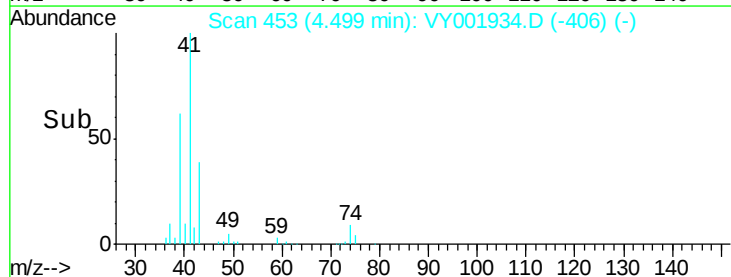
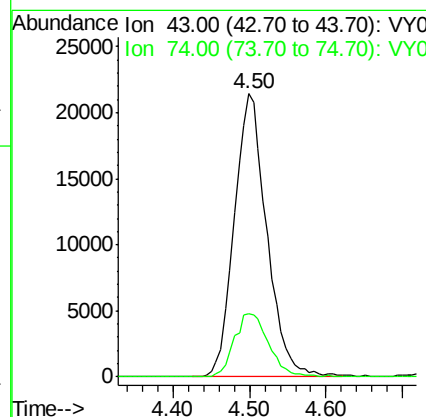
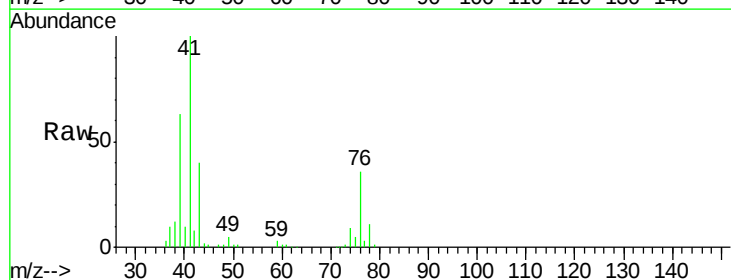
Manual Integrations
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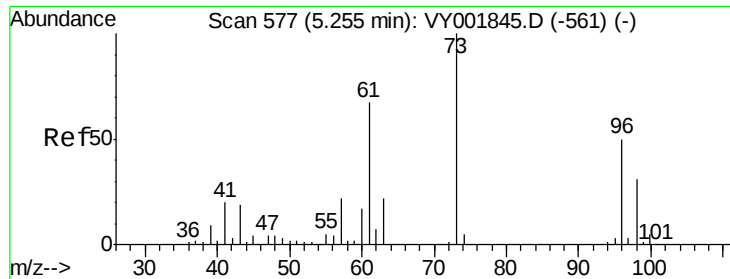
MMDadoda
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#18
Methyl Acetate
Concen: 49.044 ug/l
RT: 4.50 min Scan# 453
Delta R.T. -0.01 min
Lab File: VY001934.D
Acq: 11 Mar 2020 11:25

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.6	19.0	28.6





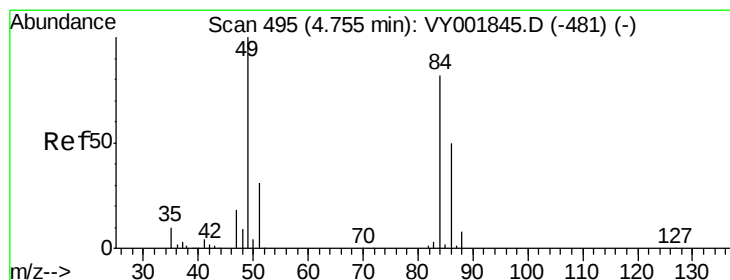
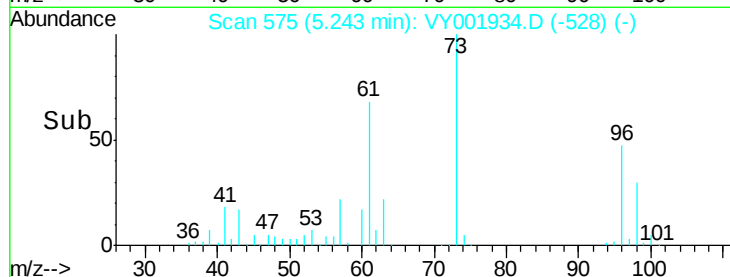
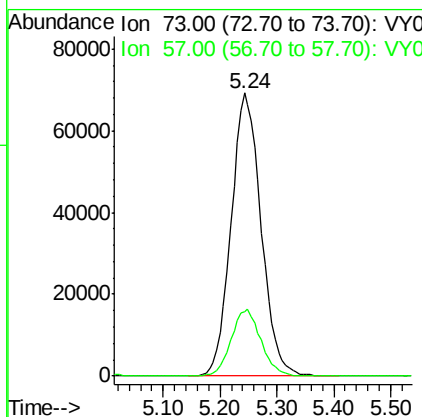
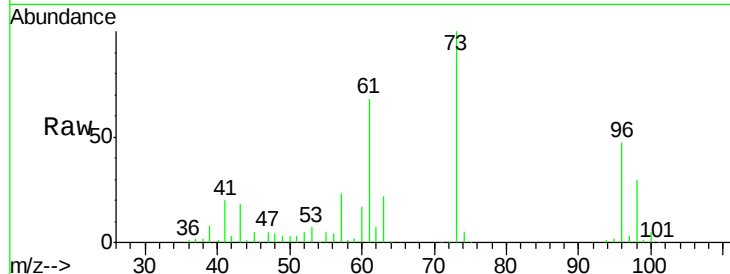
#19
Methyl tert-butyl Ether
Concen: 52.423 ug/l
RT: 5.24 min Scan# 575
Delta R.T. -0.01 min
Lab File: VY001934.D
Acq: 11 Mar 2020 11:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 253818
Ion Ratio Lower Upper
73 100
57 22.7 17.4 26.2

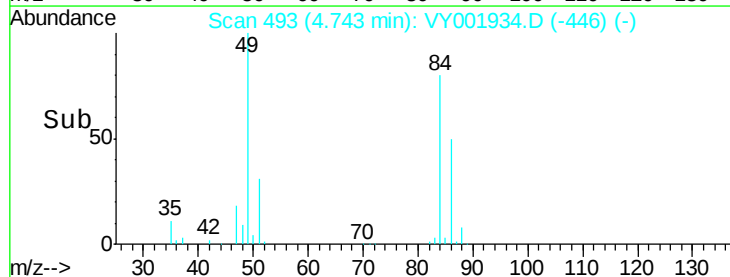
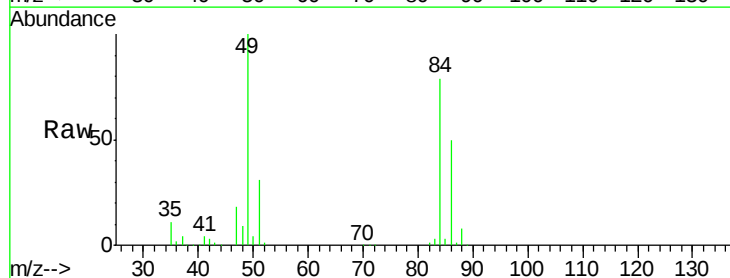
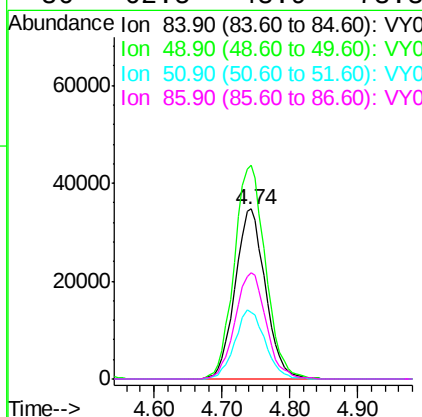
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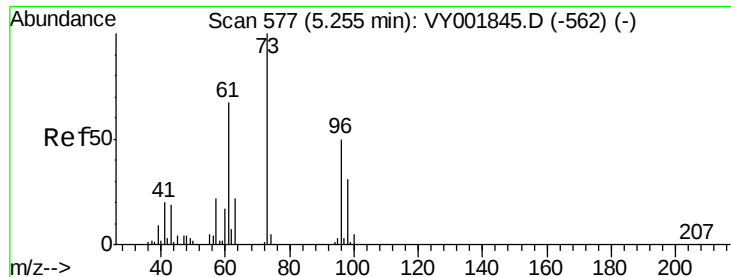
MMDadoda
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#20
Methylene Chloride
Concen: 50.296 ug/l
RT: 4.74 min Scan# 493
Delta R.T. -0.01 min
Lab File: VY001934.D
Acq: 11 Mar 2020 11:25

Tgt Ion: 84 Resp: 107707
Ion Ratio Lower Upper
84 100
49 125.8 98.2 147.2
51 39.2 30.2 45.2
86 62.5 48.9 73.3





#21

trans-1,2-Dichloroethene

Concen: 52.346 ug/l

RT: 5.25 min Scan# 576

Delta R.T. -0.01 min

Lab File: VY001934.D

Acq: 11 Mar 2020 11:25

Instrument :

MSVOA_Y

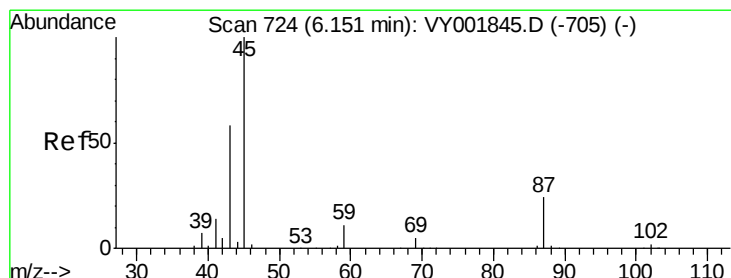
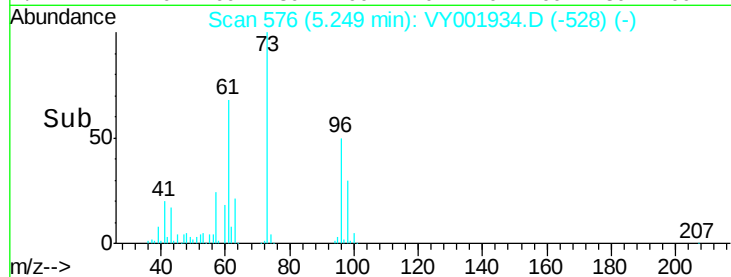
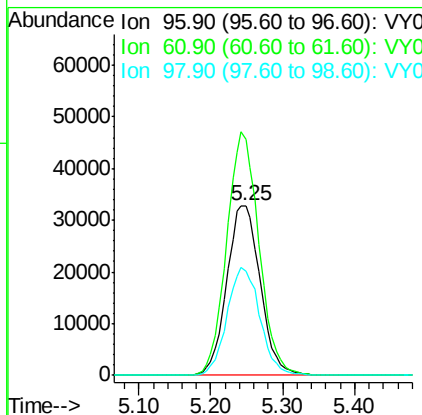
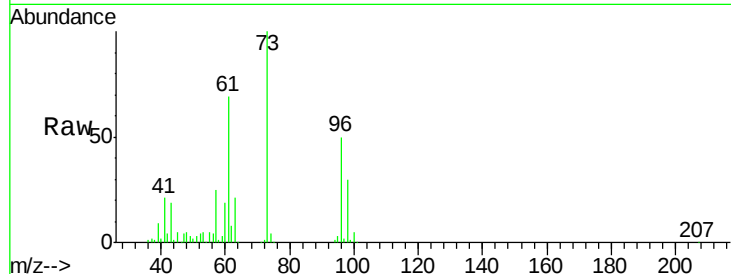
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	106153
Ion	Ratio	Lower	Upper
96	100		
61	138.3	107.7	161.5
98	61.1	49.3	73.9

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#22

Diisopropyl ether

Concen: 53.891 ug/l

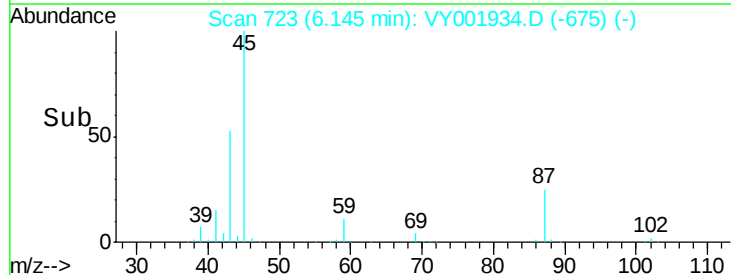
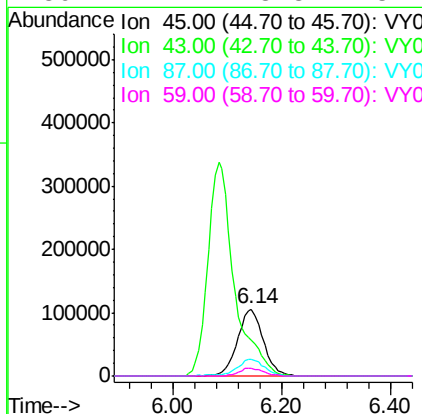
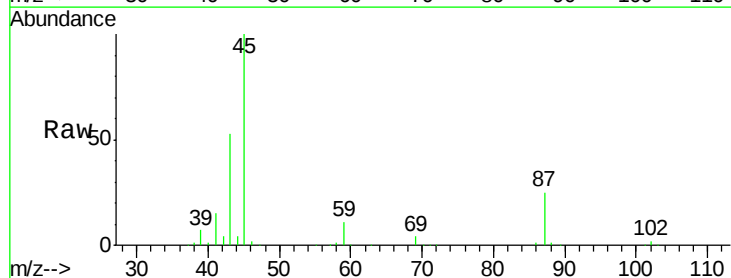
RT: 6.14 min Scan# 723

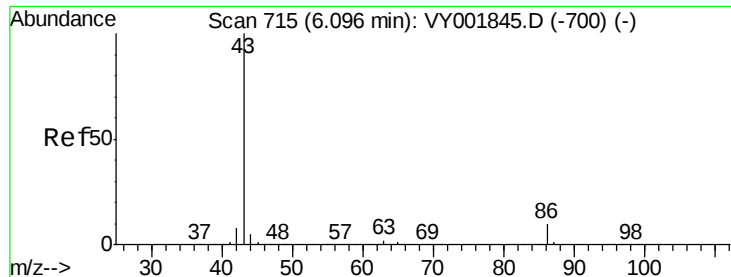
Delta R.T. -0.01 min

Lab File: VY001934.D

Acq: 11 Mar 2020 11:25

Tgt Ion:	45	Resp:	349893
Ion	Ratio	Lower	Upper
45	100		
43	52.6	47.2	70.8
87	25.5	19.8	29.8
59	11.2	8.8	13.2





#23

Vinyl Acetate

Concen: 266.251 ug/l

RT: 6.08 min Scan# 713

Delta R.T. -0.01 min

Lab File: VY001934.D

Acq: 11 Mar 2020 11:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1133251

Ion Ratio Lower Upper

43 100

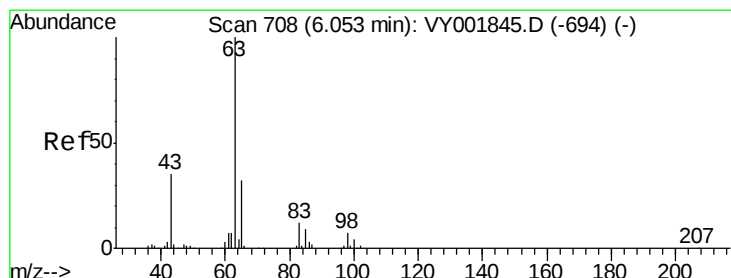
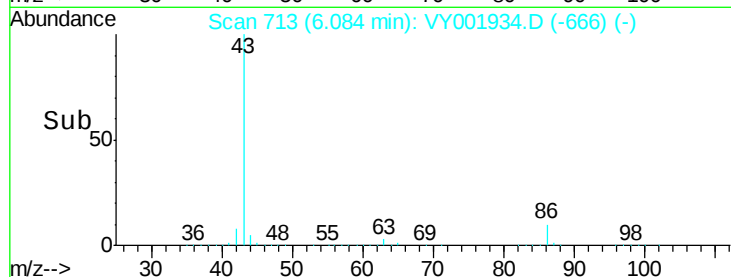
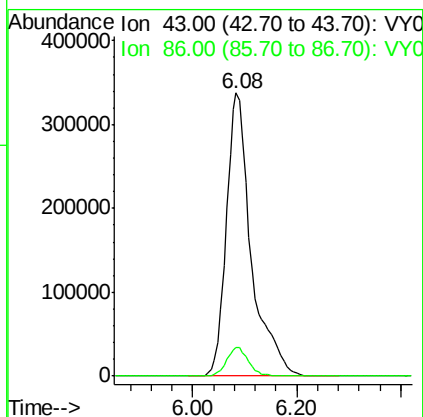
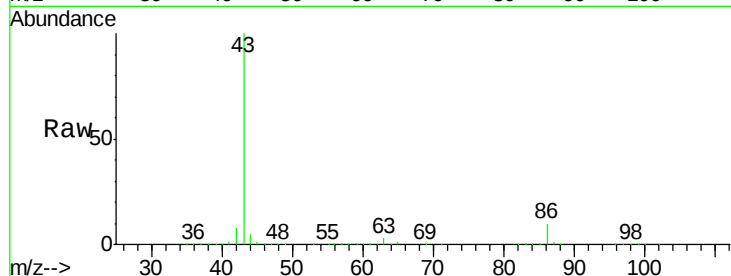
86 10.3 7.8 11.8

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 52.760 ug/l

RT: 6.04 min Scan# 706

Delta R.T. -0.01 min

Lab File: VY001934.D

Acq: 11 Mar 2020 11:25

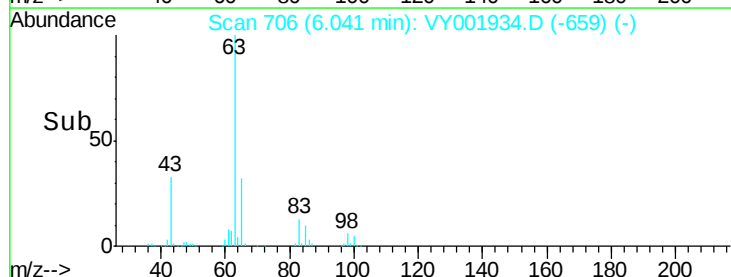
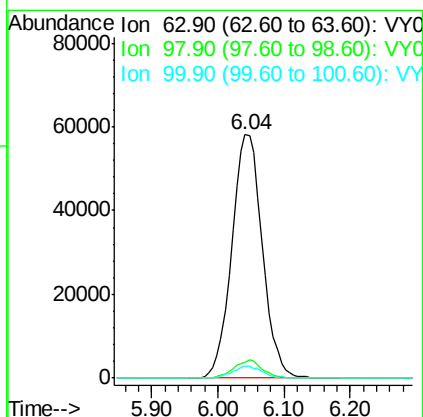
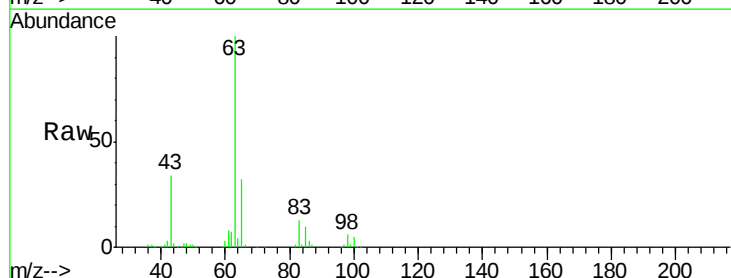
Tgt Ion: 63 Resp: 185501

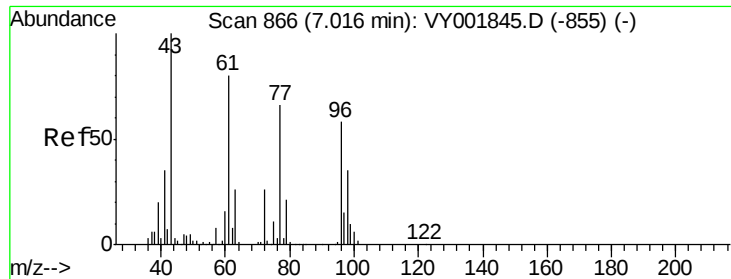
Ion Ratio Lower Upper

63 100

98 6.5 3.4 10.2

100 4.7 2.0 6.0





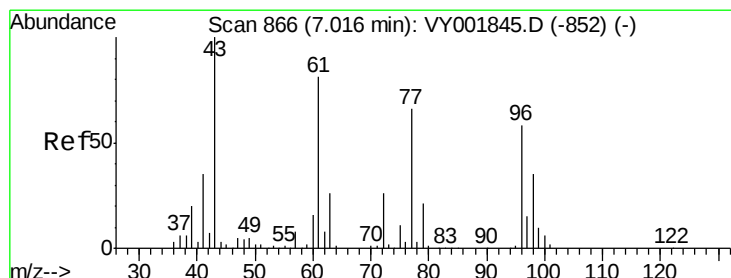
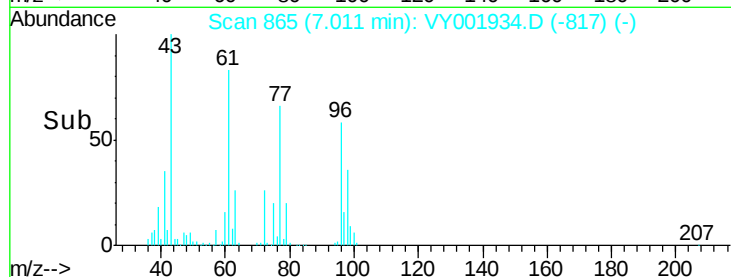
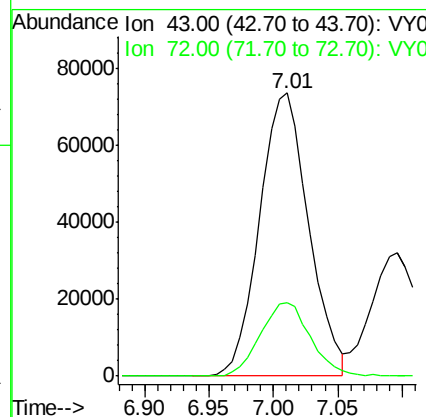
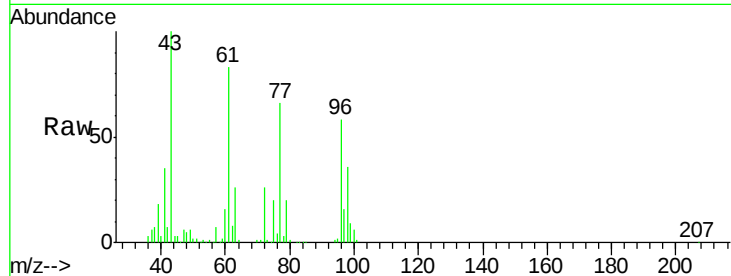
#25
2-Butanone
Concen: 256.043 ug/l
RT: 7.01 min Scan# 865
Delta R.T. -0.01 min
Lab File: VY001934.D
Acq: 11 Mar 2020 11:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 194556
Ion Ratio Lower Upper
43 100
72 26.0 20.9 31.3

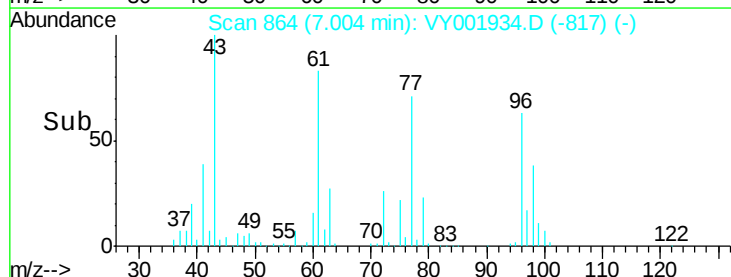
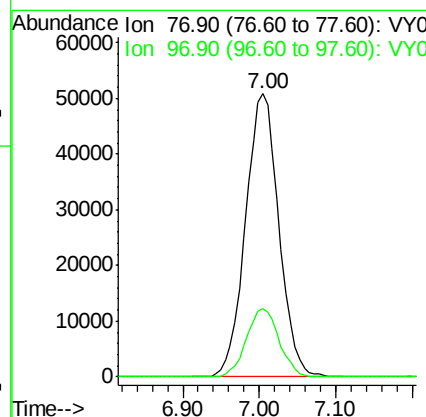
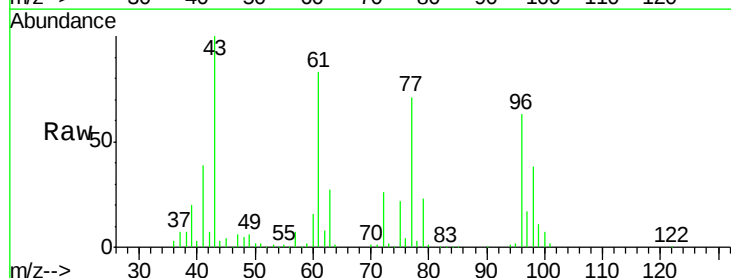
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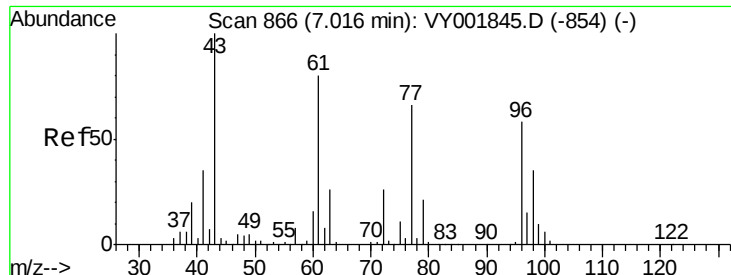
MMDadoda
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#26
2,2-Dichloropropane
Concen: 53.209 ug/l
RT: 7.00 min Scan# 864
Delta R.T. -0.01 min
Lab File: VY001934.D
Acq: 11 Mar 2020 11:25

Tgt Ion: 77 Resp: 153550
Ion Ratio Lower Upper
77 100
97 23.8 11.9 35.7





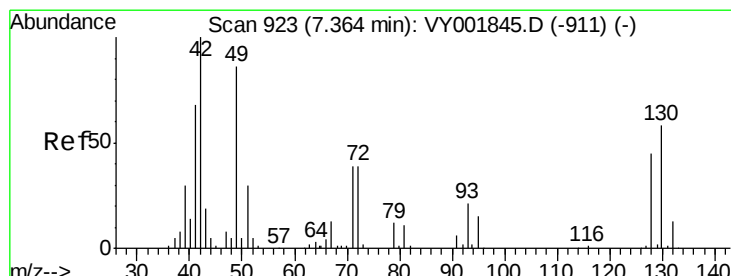
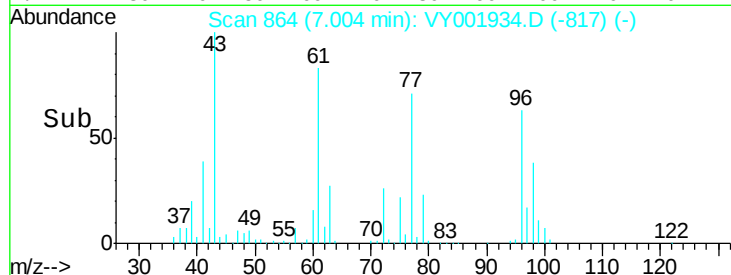
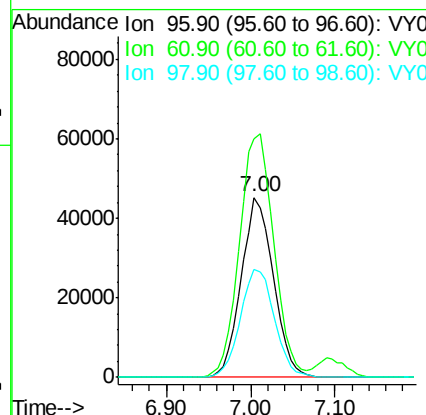
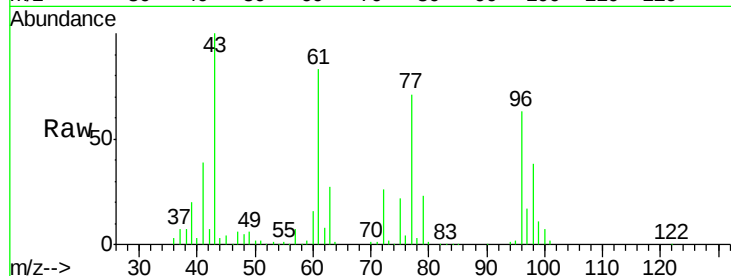
#27
 cis-1,2-Dichloroethene
 Concen: 53.039 ug/l
 RT: 7.00 min Scan# 864
 Delta R.T. -0.01 min
 Lab File: VY001934.D
 Acq: 11 Mar 2020 11:25

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	144.4	0.0	288.2	
98	63.5	0.0	129.0	

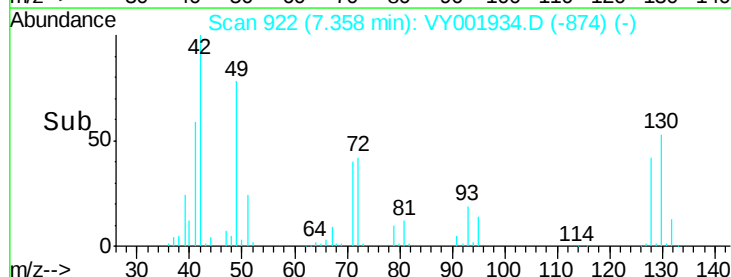
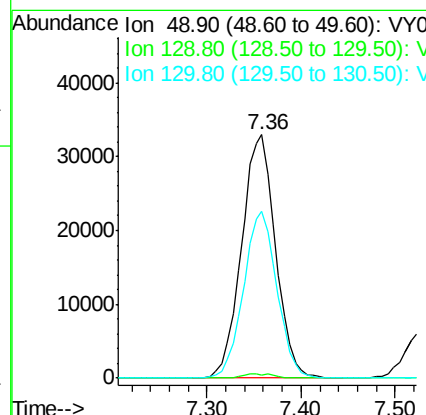
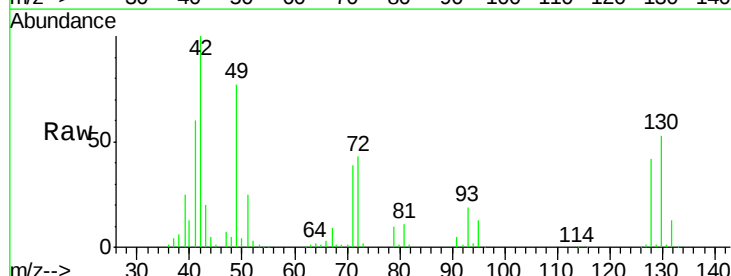
Manual Integrations
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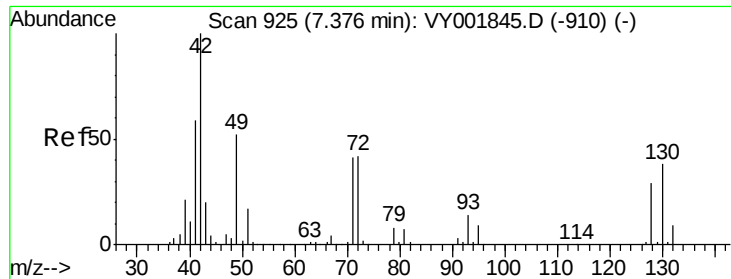
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#28
 Bromochloromethane
 Concen: 52.181 ug/l
 RT: 7.36 min Scan# 922
 Delta R.T. -0.01 min
 Lab File: VY001934.D
 Acq: 11 Mar 2020 11:25

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	1.6	0.0	3.8	
130	67.7	54.4	81.6	





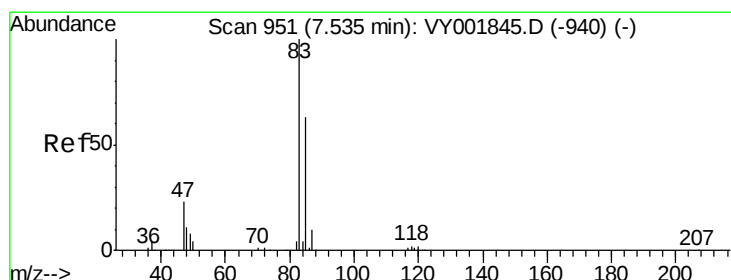
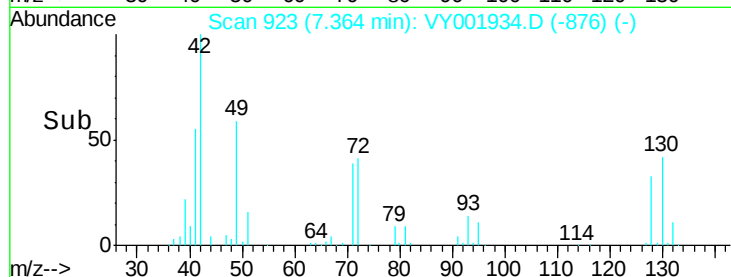
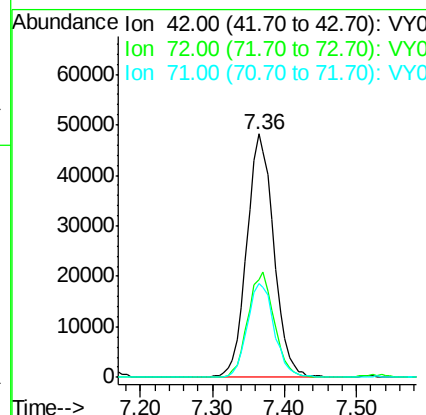
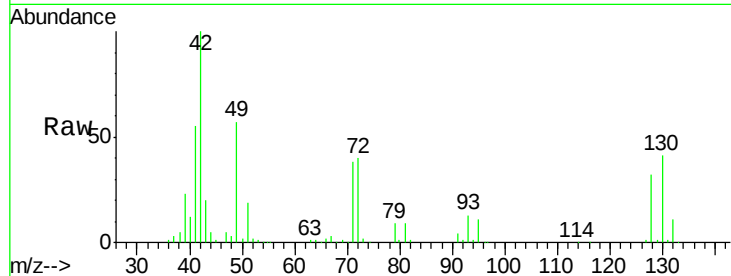
#29
Tetrahydrofuran
Concen: 249.313 ug/l
RT: 7.36 min Scan# 923
Delta R.T. -0.01 min
Lab File: VY001934.D
Acq: 11 Mar 2020 11:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.0	33.5	50.3
71	38.4	31.3	46.9

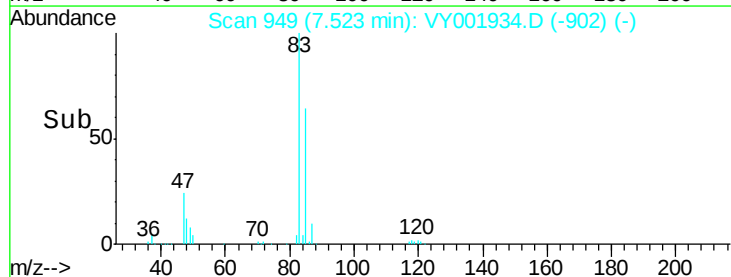
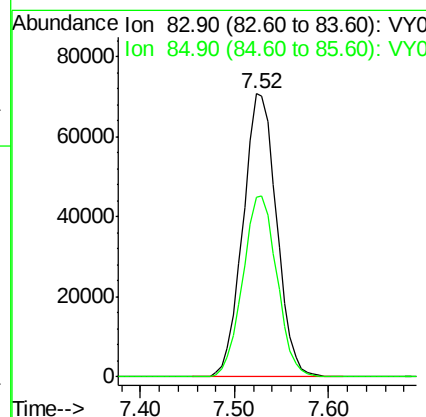
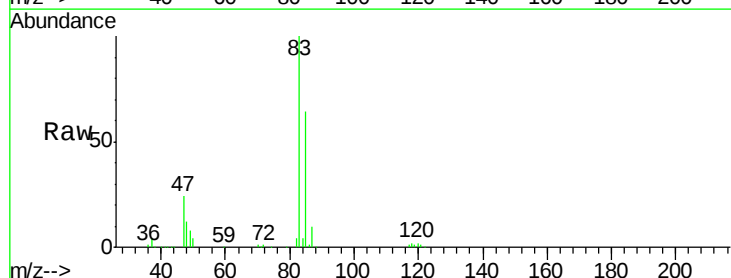
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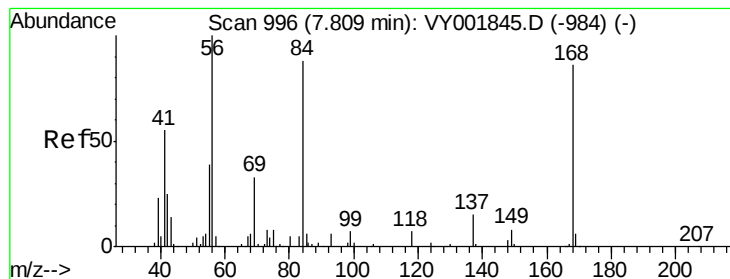
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#30
Chloroform
Concen: 53.152 ug/l
RT: 7.52 min Scan# 949
Delta R.T. -0.01 min
Lab File: VY001934.D
Acq: 11 Mar 2020 11:25

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.6	50.7	76.1





#31

Cyclohexane

Concen: 49.821 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.01 min

Lab File: VY001934.D

Acq: 11 Mar 2020 11:25

Instrument :

MSVOA_Y

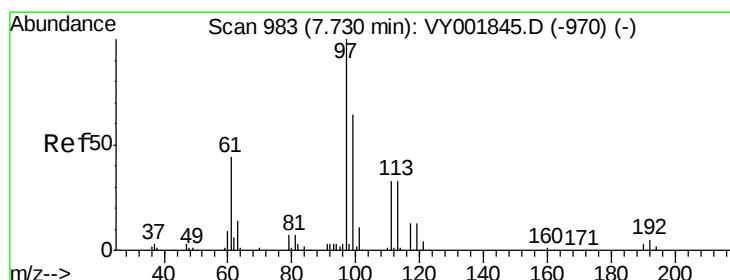
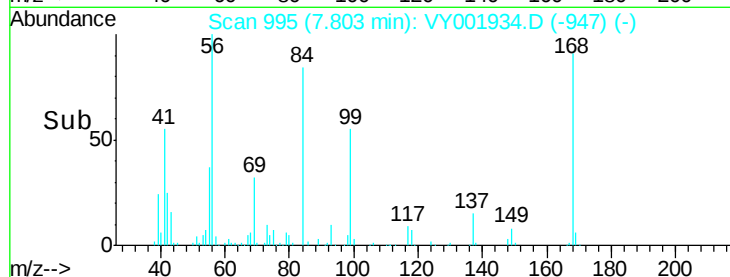
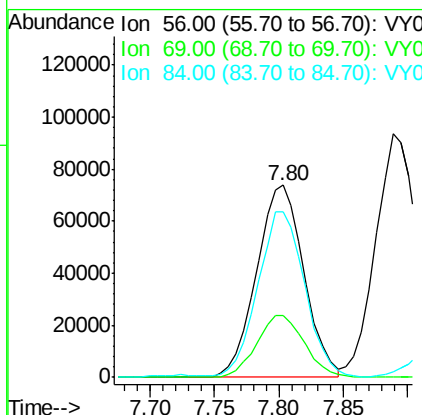
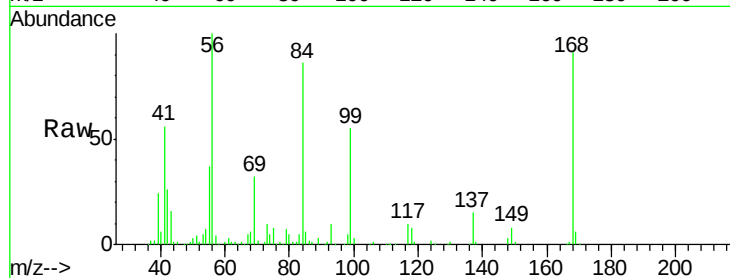
ClientSampleId :

VSTDCCC050

Tot Ion:	56	Resp:	187816
Ion Ratio	Lower	Upper	
56	100		
69	32.0	26.7	40.1
84	84.9	70.4	105.6

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#32

1,1,1-Trichloroethane

Concen: 53.254 ug/l

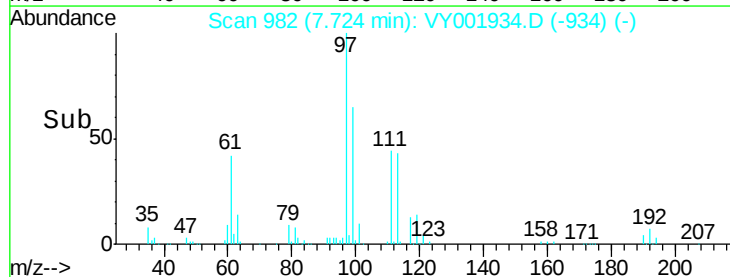
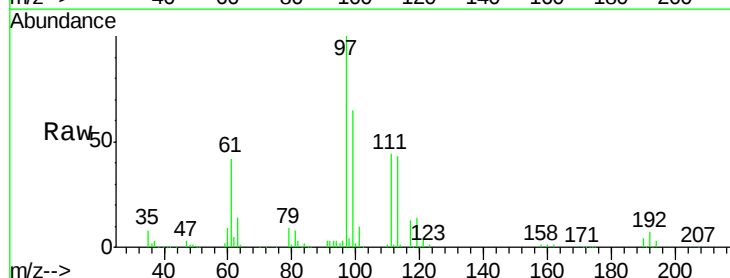
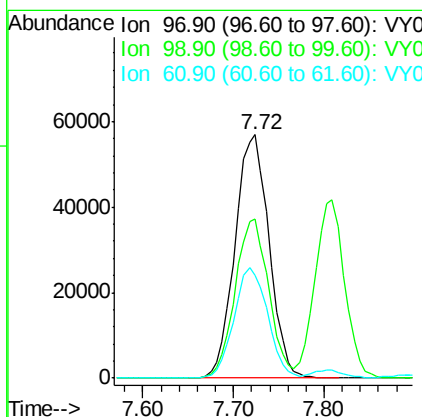
RT: 7.72 min Scan# 982

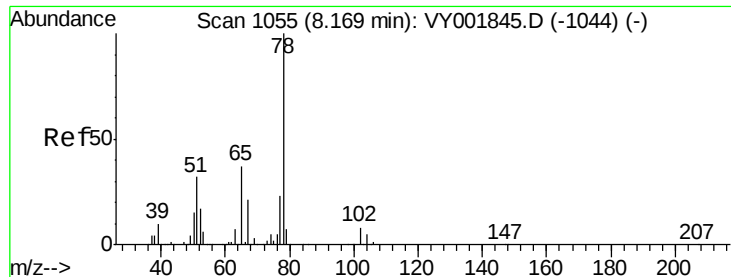
Delta R.T. -0.01 min

Lab File: VY001934.D

Acq: 11 Mar 2020 11:25

Tgt Ion:	97	Resp:	148267
Ion Ratio	Lower	Upper	
97	100		
99	64.6	52.0	78.0
61	44.9	35.0	52.4





#33

1,2-Dichloroethane-d4

Concen: 49.653 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. -0.01 min

Lab File: VY001934.D

Acq: 11 Mar 2020 11:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 65 Resp: 85182

Ion Ratio Lower Upper

65 100

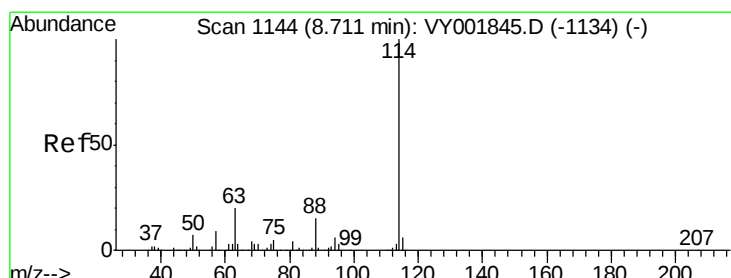
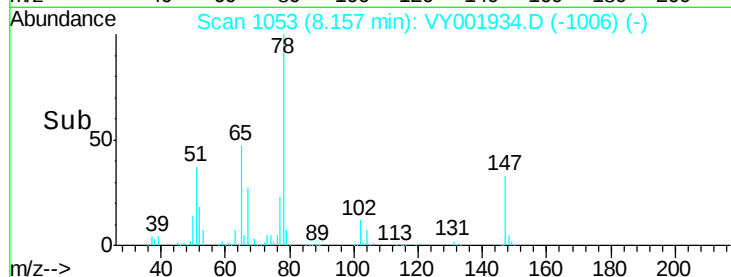
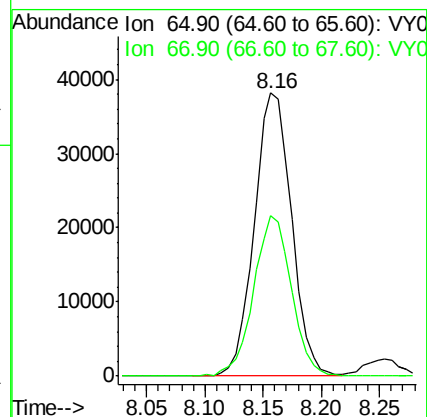
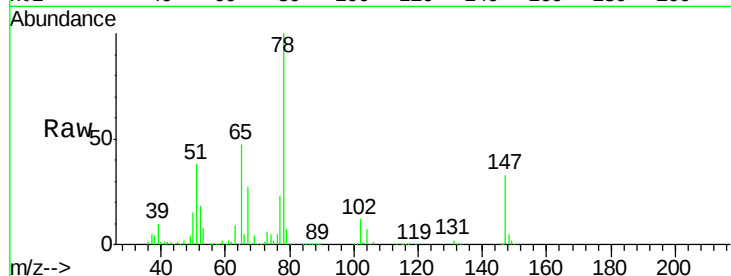
67 57.5 0.0 110.8

Manual Integrations

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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: VY001934.D

Acq: 11 Mar 2020 11:25

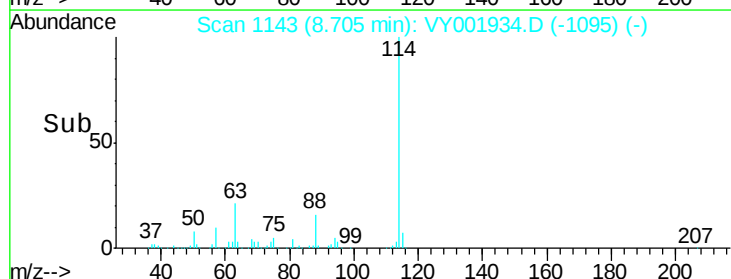
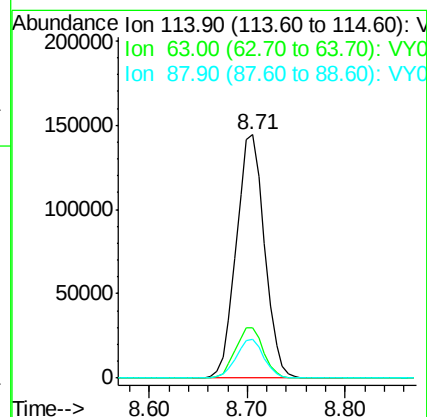
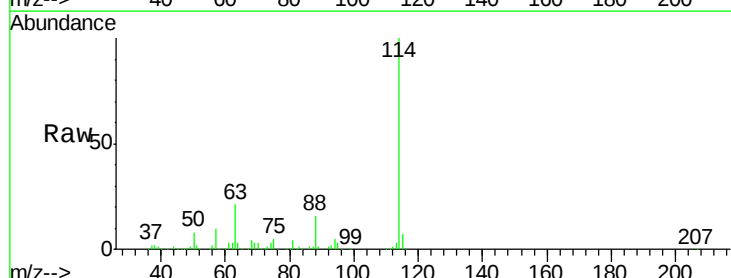
Tgt Ion: 114 Resp: 288705

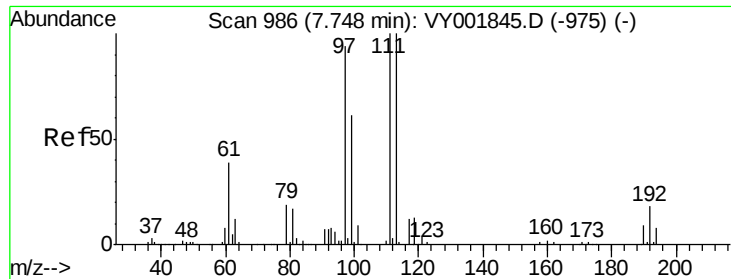
Ion Ratio Lower Upper

114 100

63 20.7 0.0 39.4

88 16.1 0.0 30.4





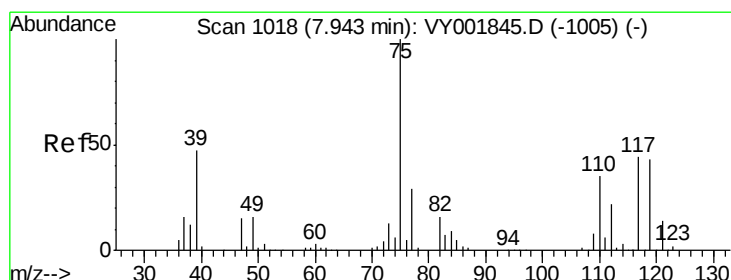
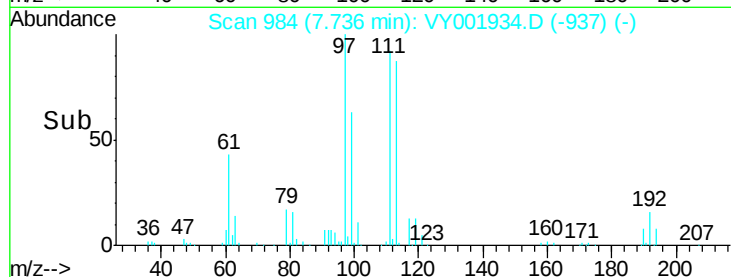
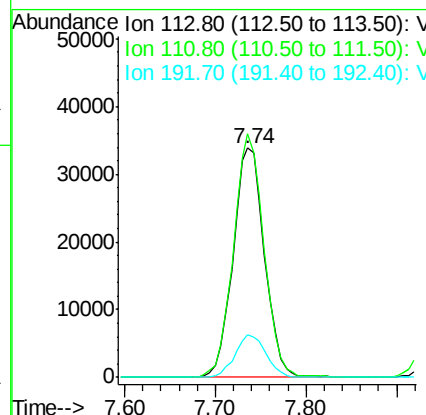
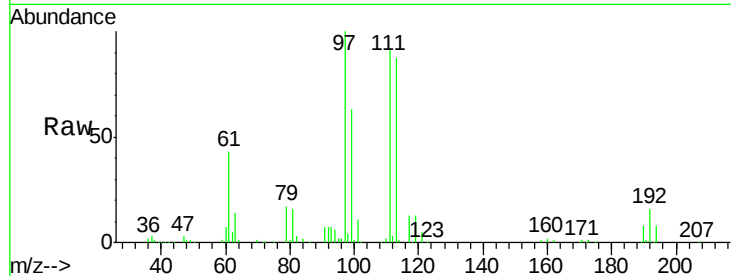
#35
 Dibromofluoromethane
 Concen: 51.922 ug/l
 RT: 7.74 min Scan# 984
 Delta R.T. -0.01 min
 Lab File: VY001934.D
 Acq: 11 Mar 2020 11:25

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.1	81.8	122.8
192	18.1	14.2	21.2

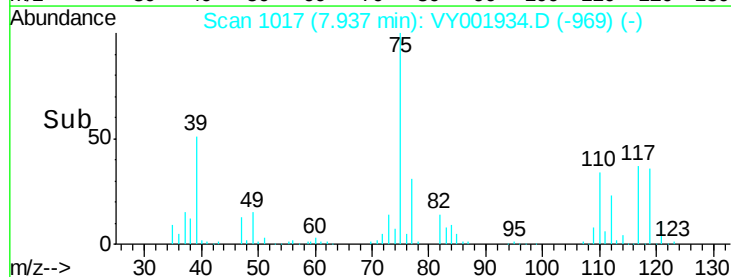
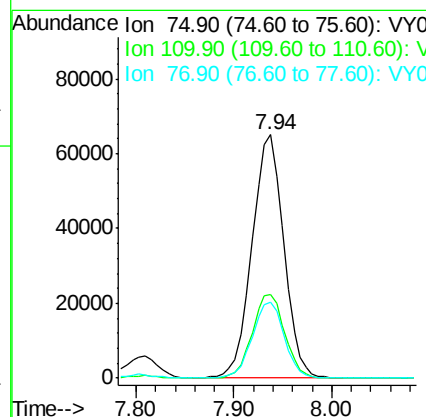
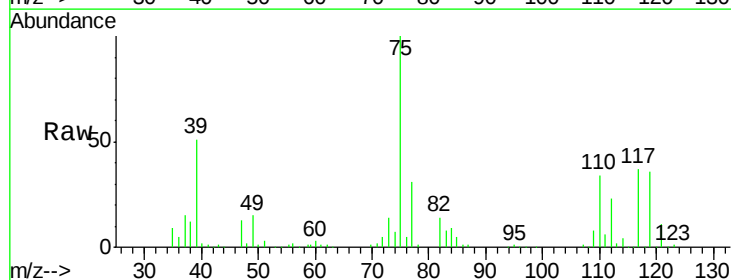
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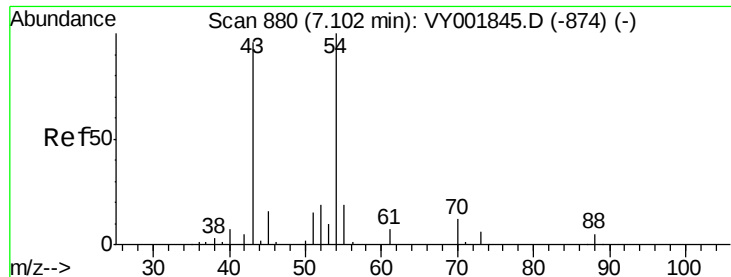
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#36
 1,1-Dichloropropene
 Concen: 52.889 ug/l
 RT: 7.94 min Scan# 1017
 Delta R.T. -0.01 min
 Lab File: VY001934.D
 Acq: 11 Mar 2020 11:25

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.9	17.4	52.2
77	31.3	24.2	36.2





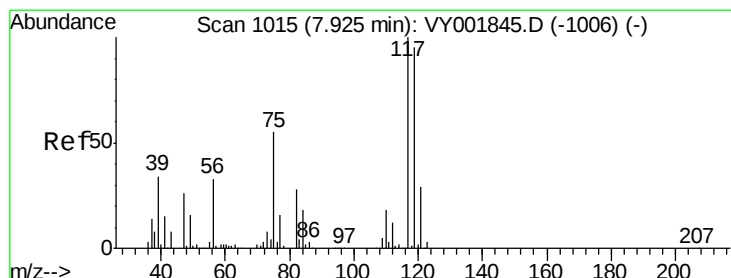
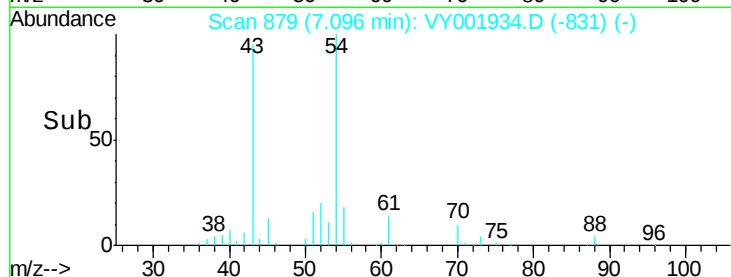
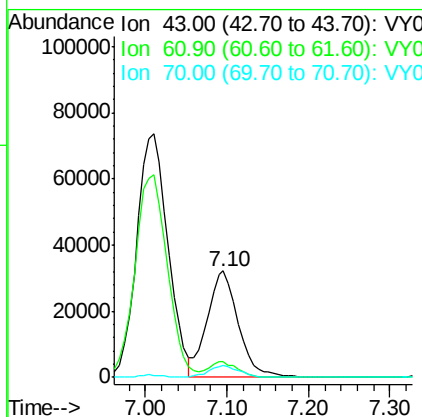
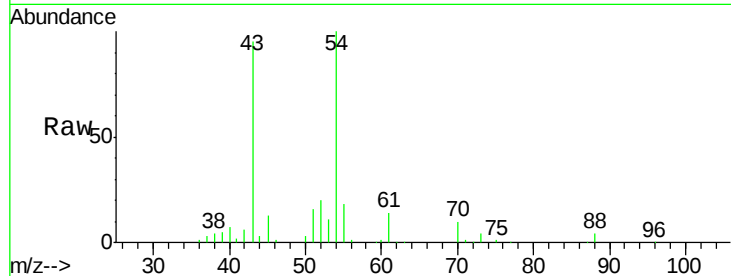
#37
Ethyl Acetate
Concen: 53.553 ug/l
RT: 7.10 min Scan# 879
Delta R.T. -0.01 min
Lab File: VY001934.D
Acq: 11 Mar 2020 11:25

Instrument :
MSVOA_Y
ClientSampleID :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.6	11.1	16.7
70	10.4	8.2	12.4

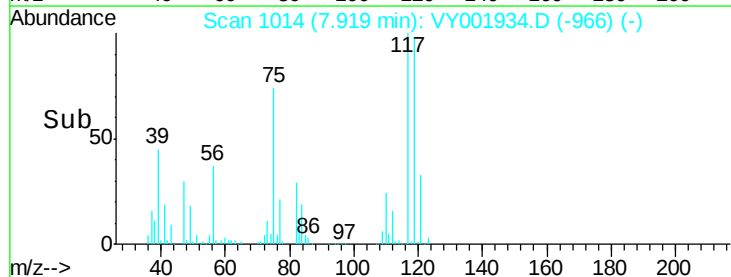
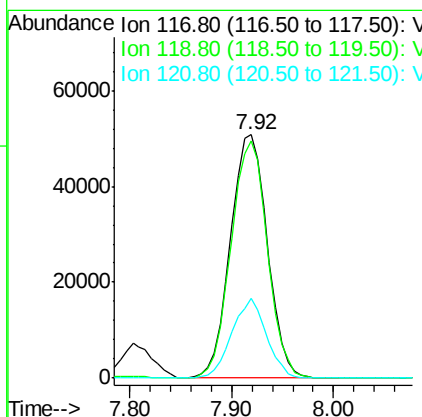
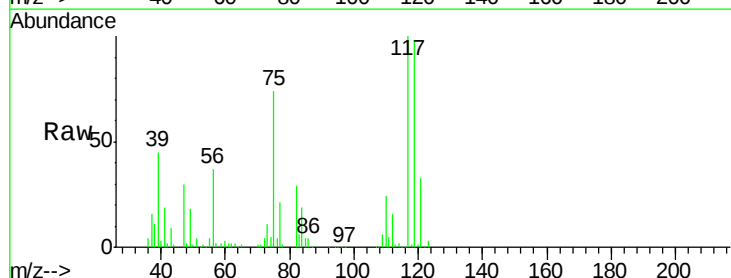
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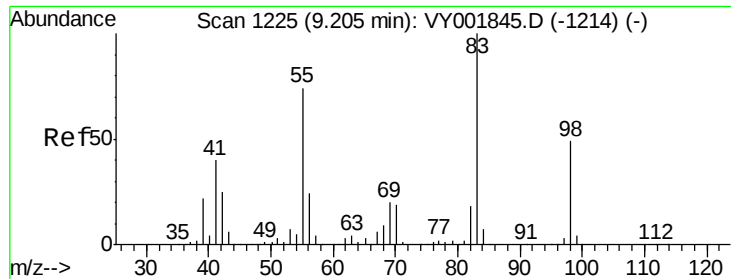
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#38
Carbon Tetrachloride
Concen: 53.639 ug/l
RT: 7.92 min Scan# 1014
Delta R.T. -0.01 min
Lab File: VY001934.D
Acq: 11 Mar 2020 11:25

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.5	76.3	114.5
121	32.7	23.5	35.3





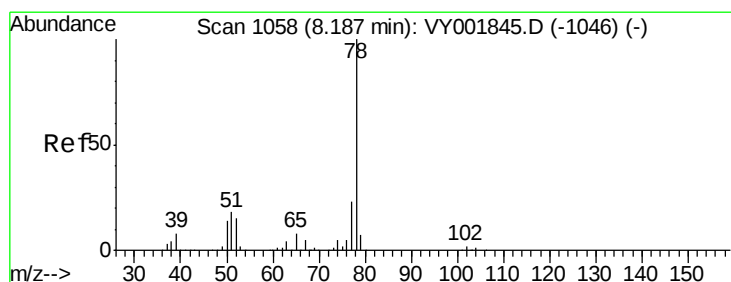
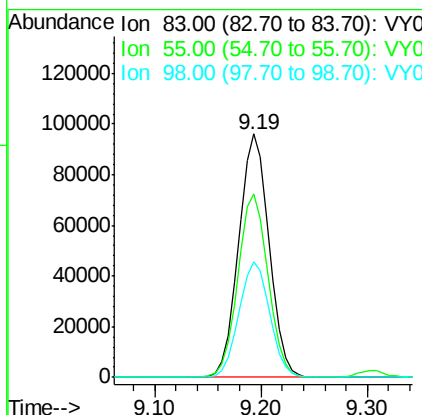
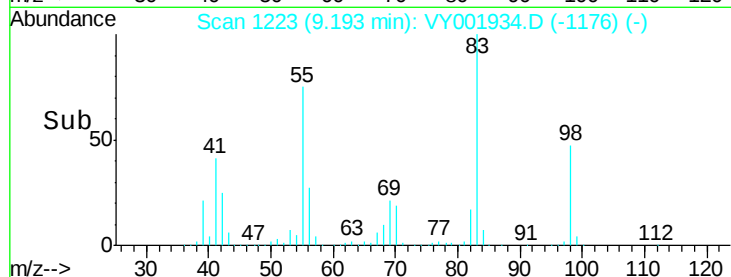
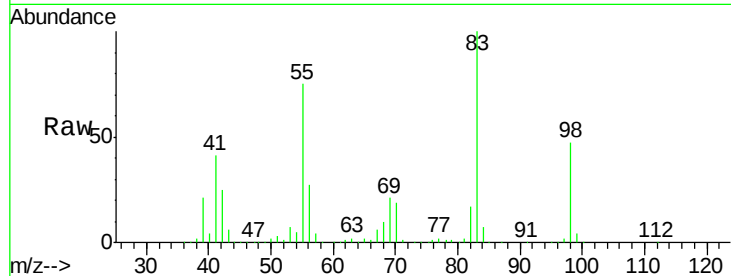
#39
Methvlcvclohexane
Concen: 52.314 ug/l
RT: 9.19 min Scan# 1223
Delta R.T. -0.01 min
Lab File: VY001934.D
Acq: 11 Mar 2020 11:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	83	Resp	192768
Ion Ratio	Lower	Upper	
83	100		
55	75.2	59.4	89.0
98	47.4	38.9	58.3

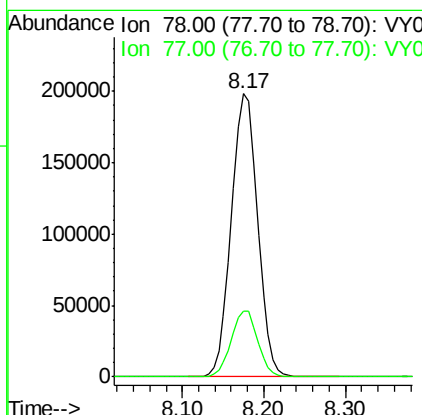
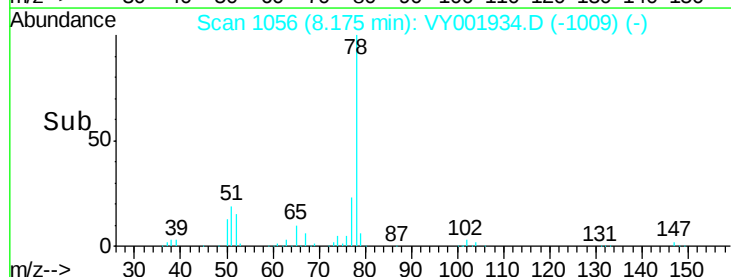
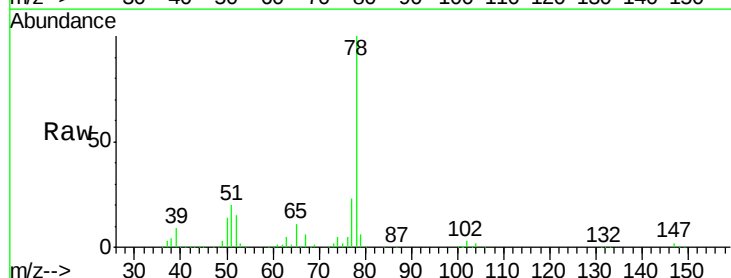
Manual Integrations
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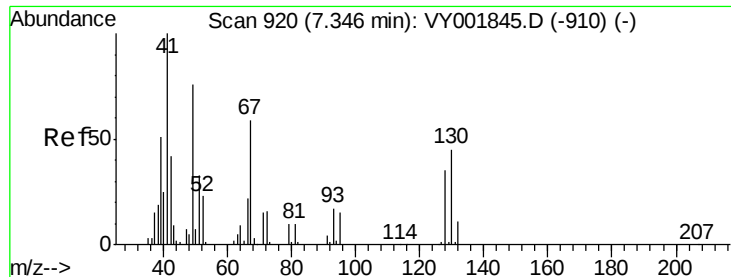
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#40
Benzene
Concen: 53.530 ug/l
RT: 8.17 min Scan# 1056
Delta R.T. -0.01 min
Lab File: VY001934.D
Acq: 11 Mar 2020 11:25

Tgt Ion	78	Resp	440804
Ion Ratio	Lower	Upper	
78	100		
77	23.3	18.7	28.1





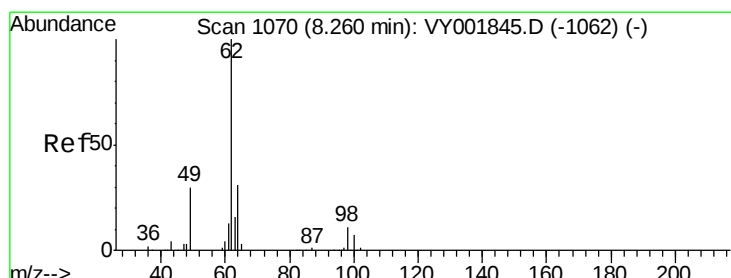
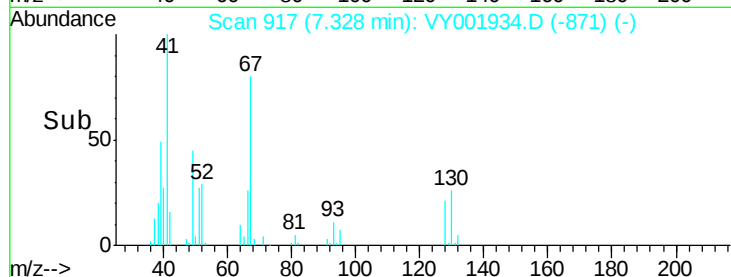
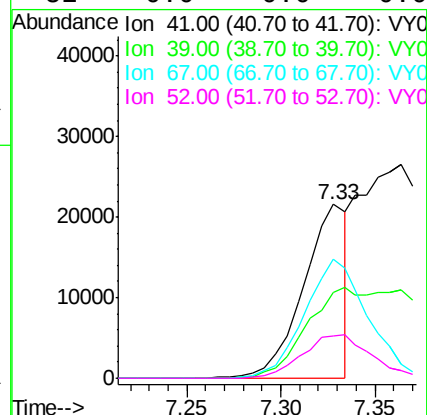
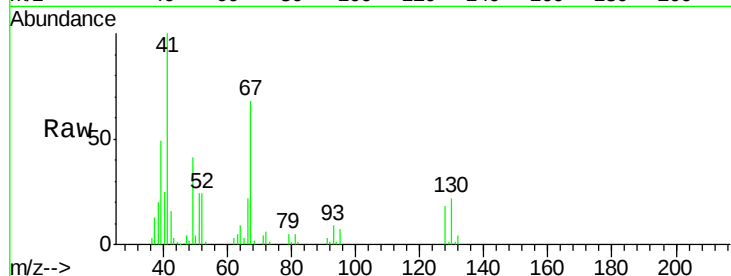
#41
Methacrylonitrile
Concen: 48.025 ug/l m
RT: 7.33 min Scan# 917
Delta R.T. -0.02 min
Lab File: VY001934.D
Acq: 11 Mar 2020 11:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion:	41	Resp:	34899
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

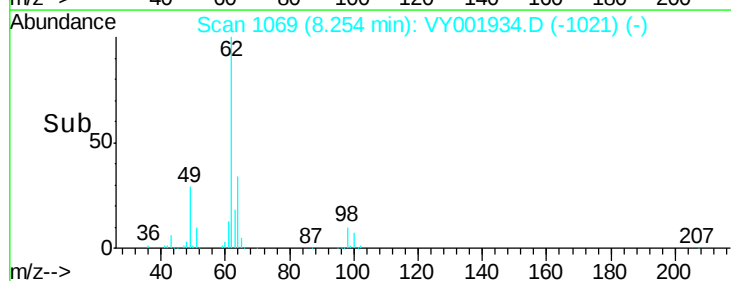
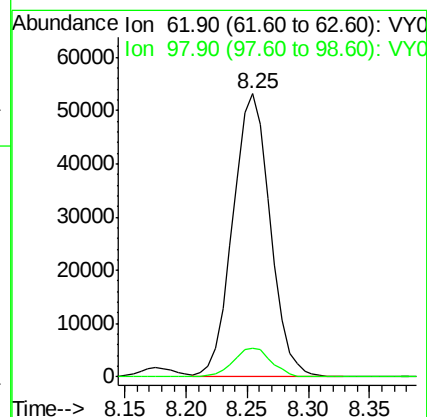
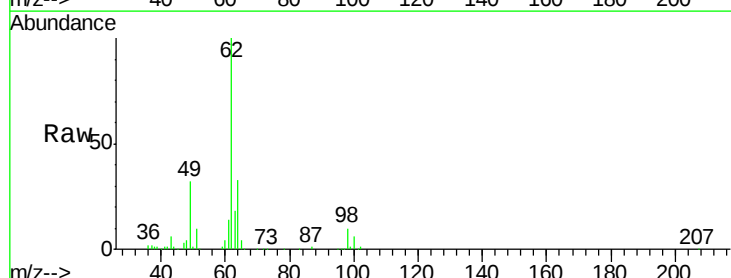
Manual Integrations
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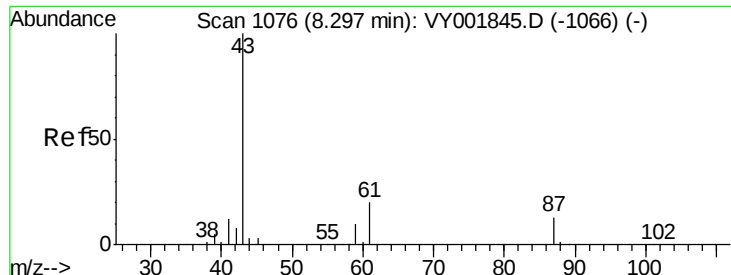
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#42
1,2-Dichloroethane
Concen: 52.891 ug/l
RT: 8.25 min Scan# 1069
Delta R.T. -0.01 min
Lab File: VY001934.D
Acq: 11 Mar 2020 11:25

Tgt Ion:	62	Resp:	112231
Ion	Ratio	Lower	Upper
62	100		
98	10.4	0.0	21.4





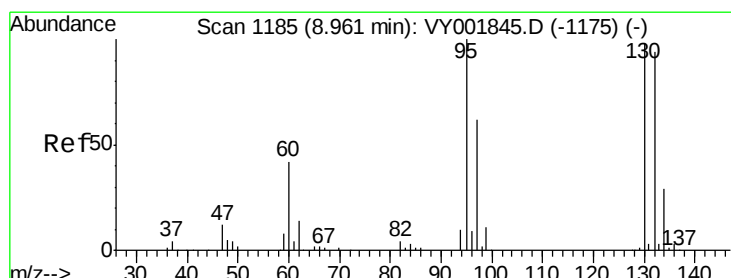
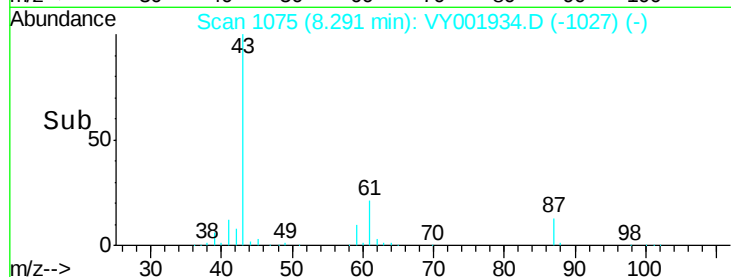
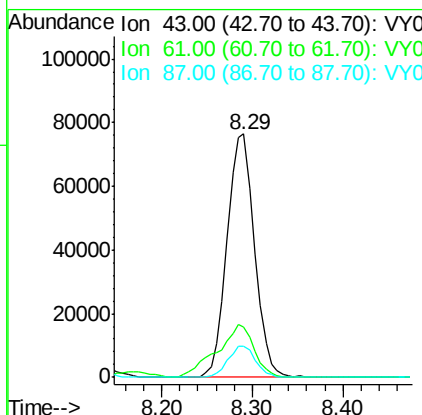
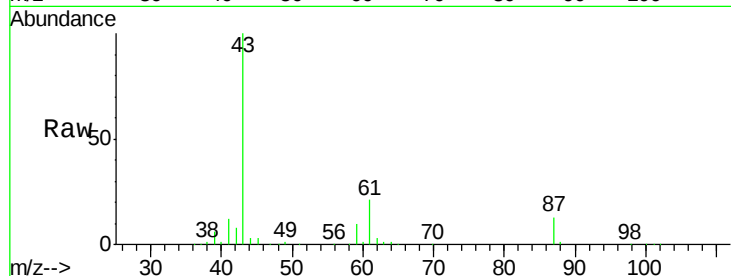
#43
Isopropyl Acetate
Concen: 52.614 ug/l
RT: 8.29 min Scan# 1075
Delta R.T. -0.01 min
Lab File: VY001934.D
Acq: 11 Mar 2020 11:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	29.1	23.8	35.6
87	12.9	10.9	16.3

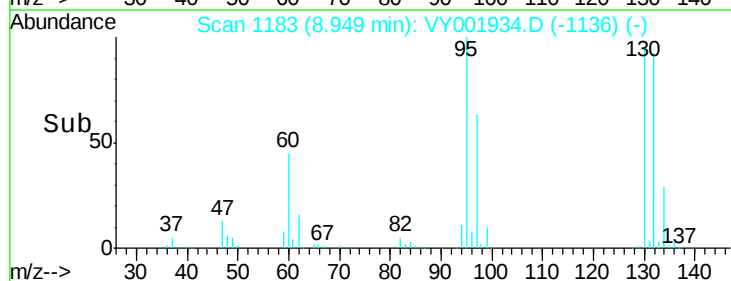
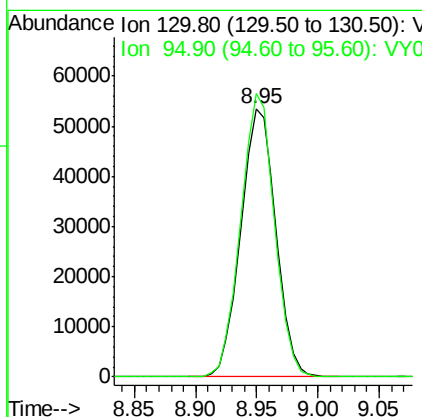
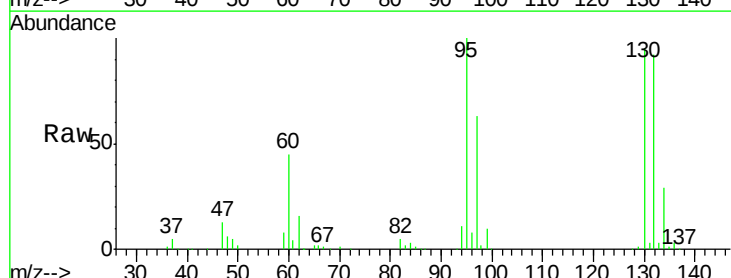
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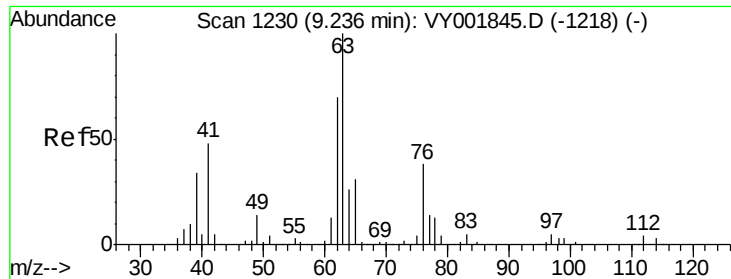
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#44
Trichloroethene
Concen: 53.054 ug/l
RT: 8.95 min Scan# 1183
Delta R.T. -0.01 min
Lab File: VY001934.D
Acq: 11 Mar 2020 11:25

Tgt Ion	Ratio	Lower	Upper
130	100		
95	105.6	0.0	204.6





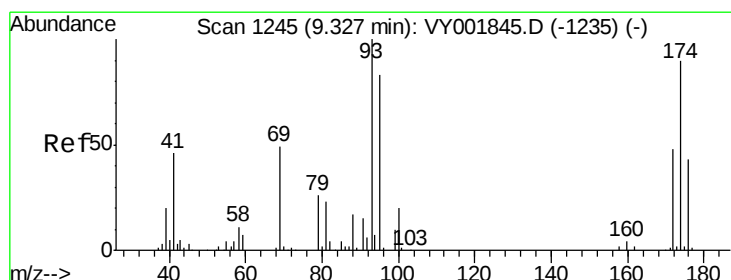
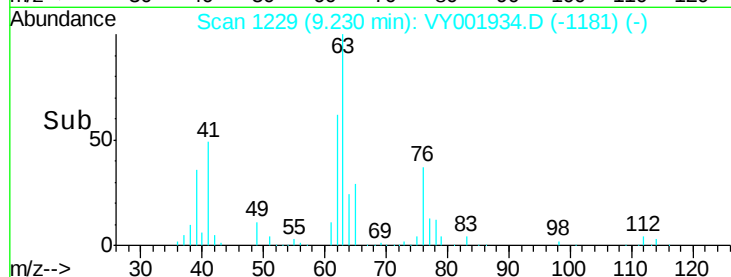
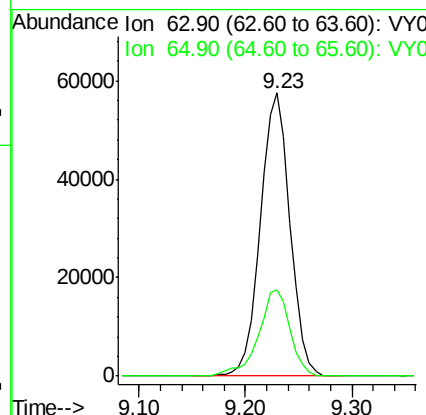
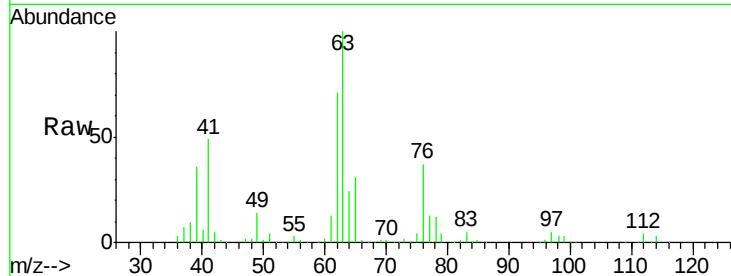
#45
 1,2-Dichloropropane
 Concen: 54.035 ug/l
 RT: 9.23 min Scan# 1229
 Delta R.T. -0.01 min
 Lab File: VY001934.D
 Acq: 11 Mar 2020 11:25

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 111854
 Ion Ratio Lower Upper
 63 100
 65 30.5 24.9 37.3

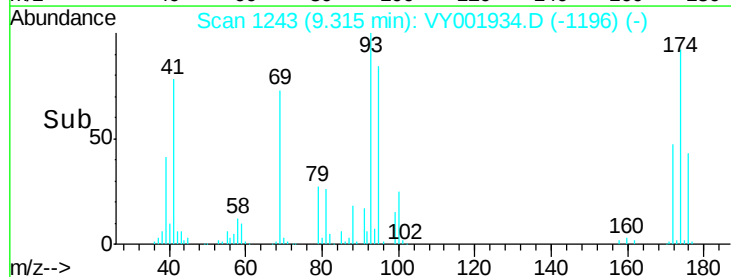
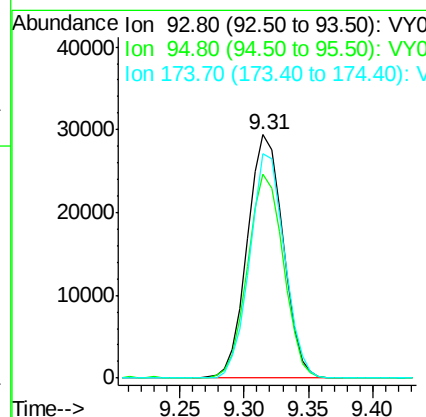
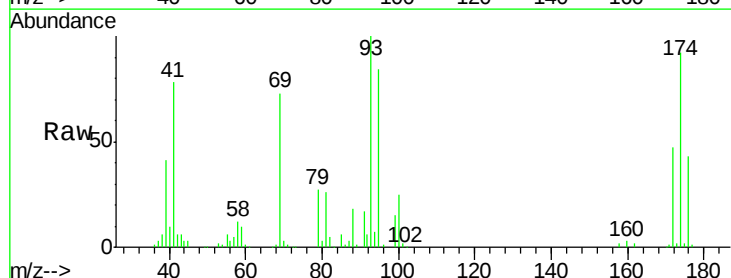
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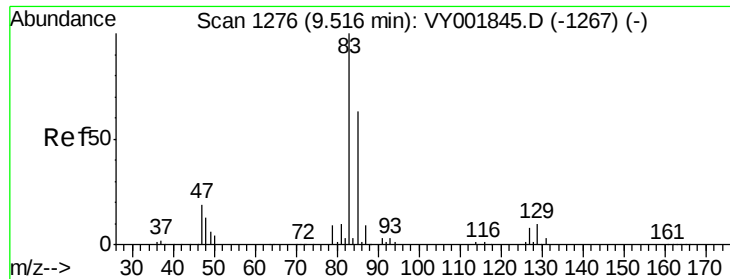
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#46
 Dibromomethane
 Concen: 52.835 ug/l
 RT: 9.31 min Scan# 1243
 Delta R.T. -0.01 min
 Lab File: VY001934.D
 Acq: 11 Mar 2020 11:25

Tgt Ion: 93 Resp: 56362
 Ion Ratio Lower Upper
 93 100
 95 83.9 67.0 100.4
 174 89.6 71.8 107.8





#47

Bromodichloromethane

Concen: 55.144 ug/l

RT: 9.50 min Scan# 1274

Delta R.T. -0.01 min

Lab File: VY001934.D

Acq: 11 Mar 2020 11:25

Instrument :

MSVOA_Y

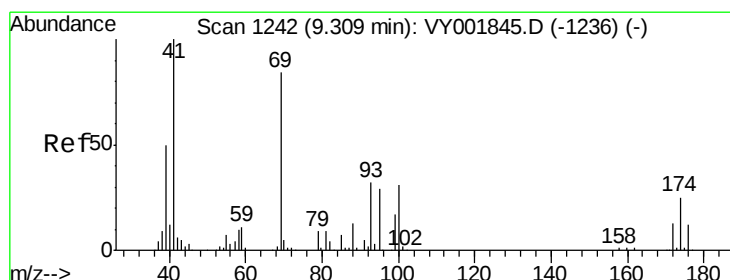
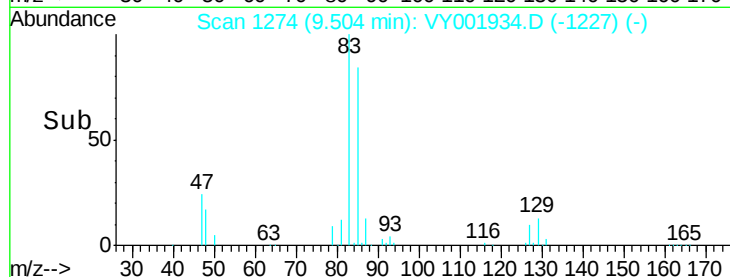
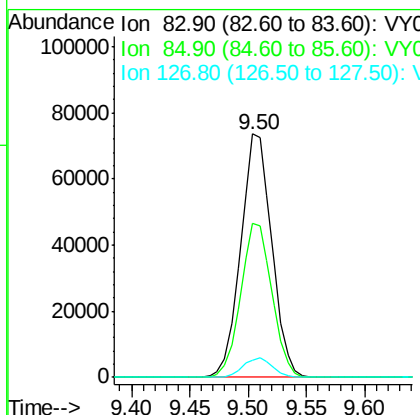
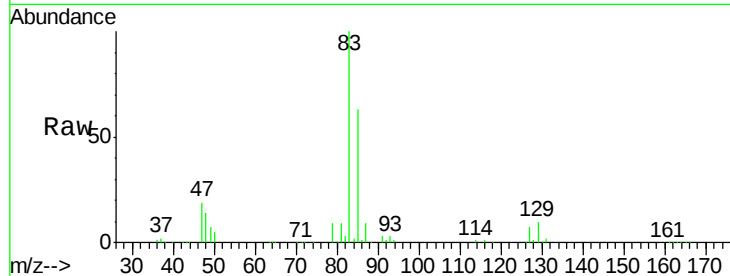
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	136837
Ion Ratio	Lower	Upper	
83	100		
85	63.0	50.6	76.0
127	7.2	6.2	9.4

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#48

Methyl methacrylate

Concen: 52.749 ug/l

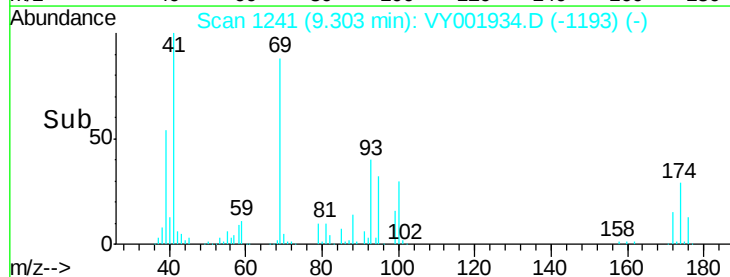
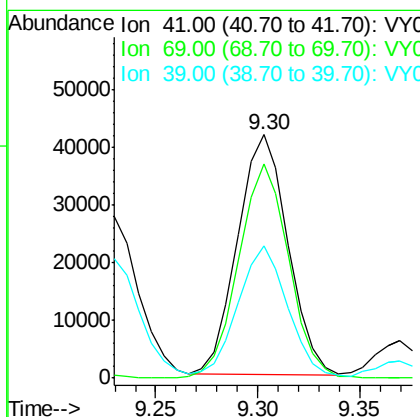
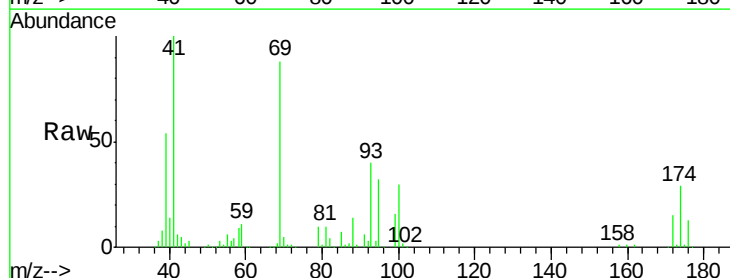
RT: 9.30 min Scan# 1241

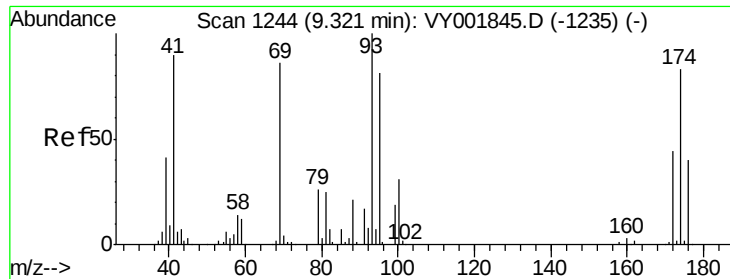
Delta R.T. -0.01 min

Lab File: VY001934.D

Acq: 11 Mar 2020 11:25

Tgt Ion:	41	Resp:	71555
Ion Ratio	Lower	Upper	
41	100		
69	88.9	69.0	103.6
39	52.6	39.1	58.7





#49

1,4-Dioxane

Concen: 947.319 ug/l

RT: 9.30 min Scan# 1241

Delta R.T. -0.02 min

Lab File: VY001934.D

Acq: 11 Mar 2020 11:25

Instrument :

MSVOA_Y

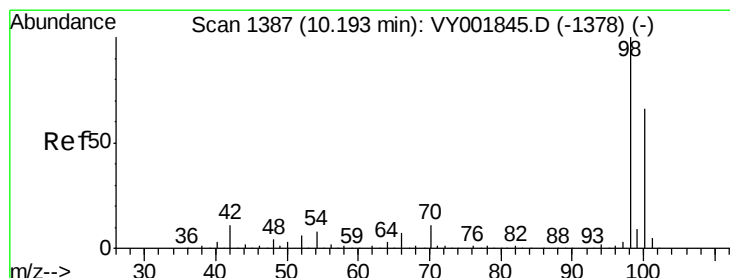
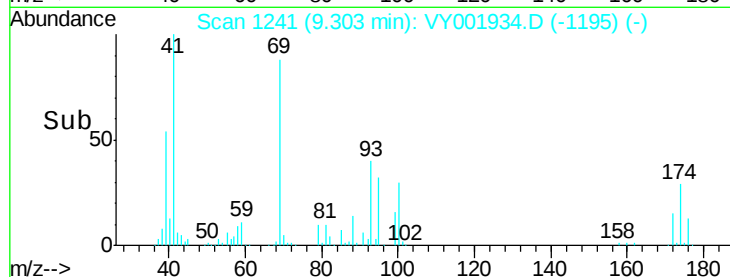
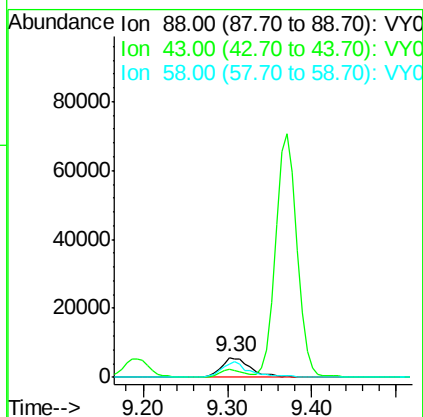
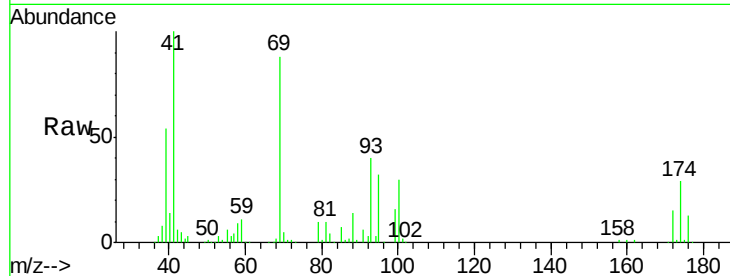
ClientSampleId :

VSTDCCC050

Tot Ion:	88	Resp:	13847
Ion	Ratio	Lower	Upper
88	100		
43	30.8	25.0	37.6
58	77.7	58.9	88.3

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#50

Toluene-d8

Concen: 51.344 ug/l

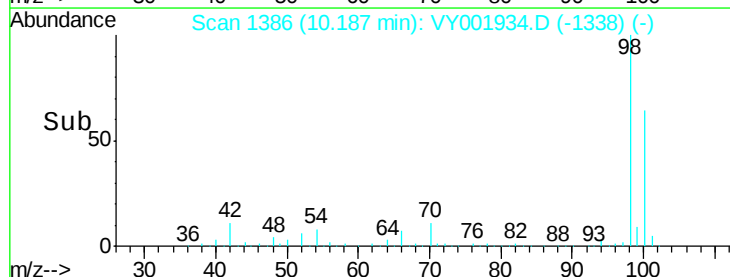
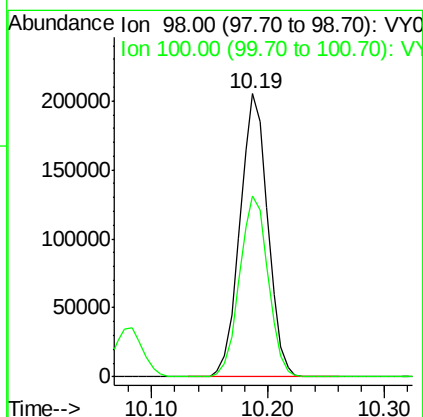
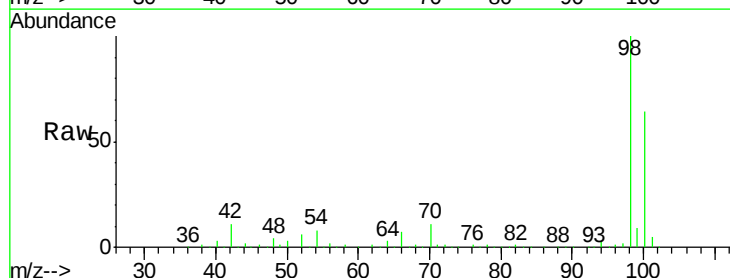
RT: 10.19 min Scan# 1386

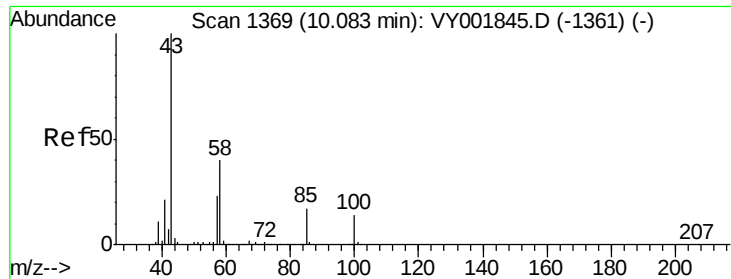
Delta R.T. -0.01 min

Lab File: VY001934.D

Acq: 11 Mar 2020 11:25

Tgt Ion:	98	Resp:	341320
Ion	Ratio	Lower	Upper
98	100		
100	65.6	53.0	79.4





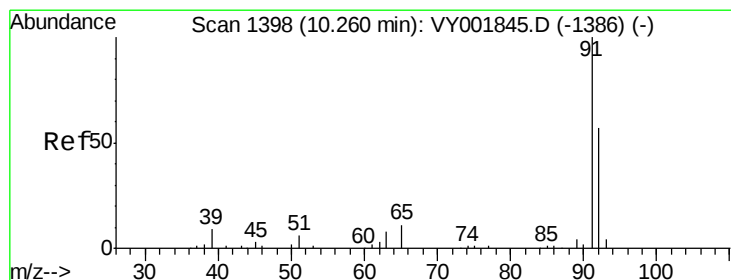
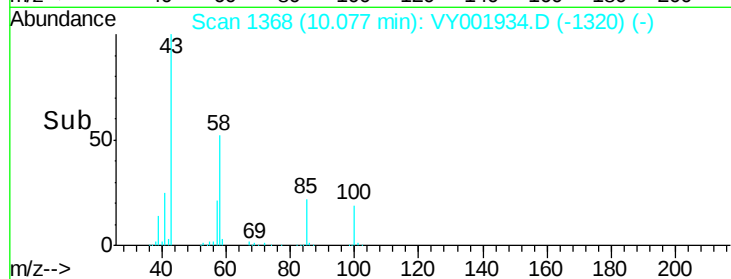
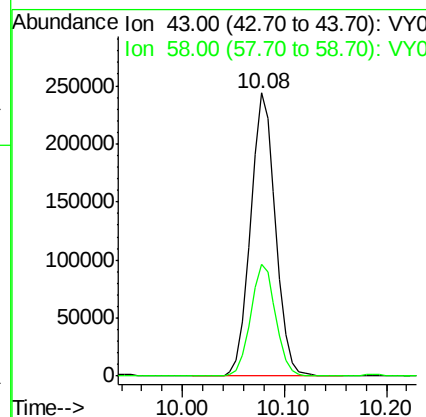
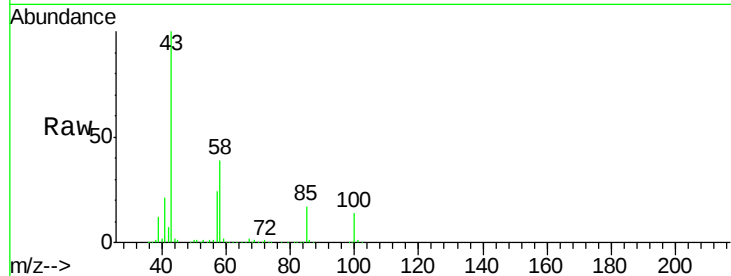
#51
4-Methyl-2-Pentanone
Concen: 262.903 ug/l
RT: 10.08 min Scan# 1368
Delta R.T. -0.01 min
Lab File: VY001934.D
Acq: 11 Mar 2020 11:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 413972
Ion Ratio Lower Upper
43 100
58 39.6 32.0 48.0

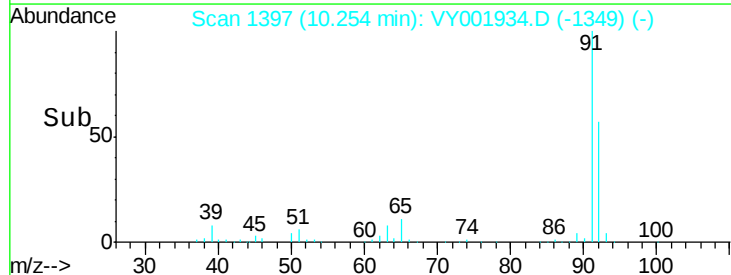
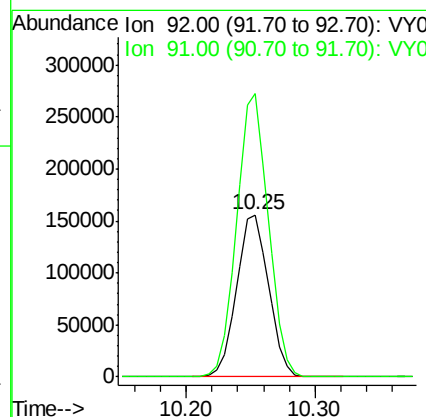
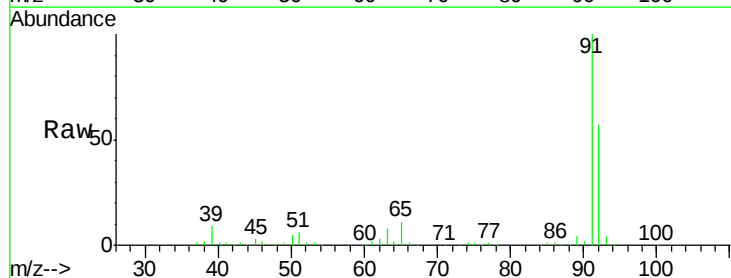
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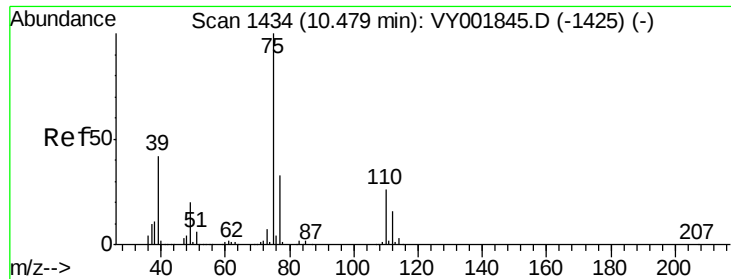
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#52
Toluene
Concen: 53.741 ug/l
RT: 10.25 min Scan# 1397
Delta R.T. -0.01 min
Lab File: VY001934.D
Acq: 11 Mar 2020 11:25

Tgt Ion: 92 Resp: 268831
Ion Ratio Lower Upper
92 100
91 172.5 138.6 208.0





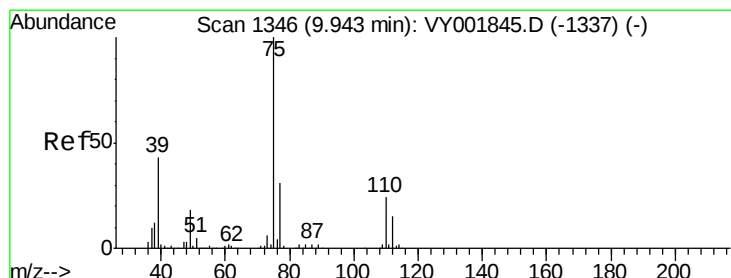
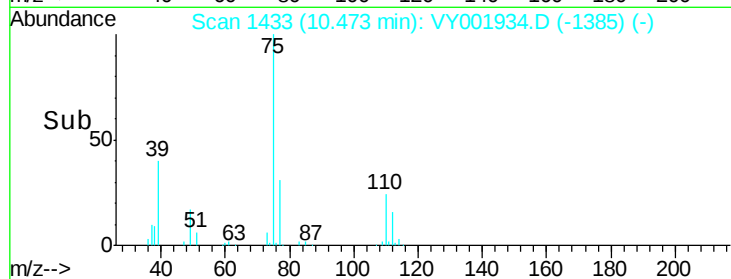
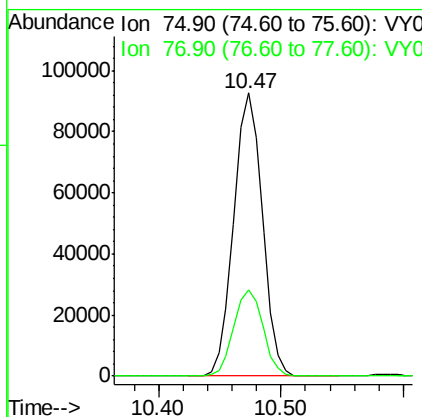
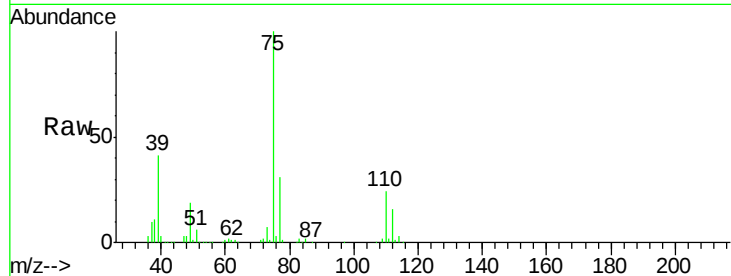
#53
t-1,3-Dichloropropene
Concen: 55.596 ug/l
RT: 10.47 min Scan# 1433
Delta R.T. -0.01 min
Lab File: VY001934.D
Acq: 11 Mar 2020 11:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.6	26.3	39.5

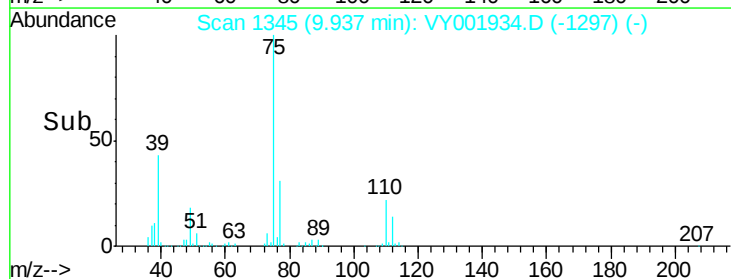
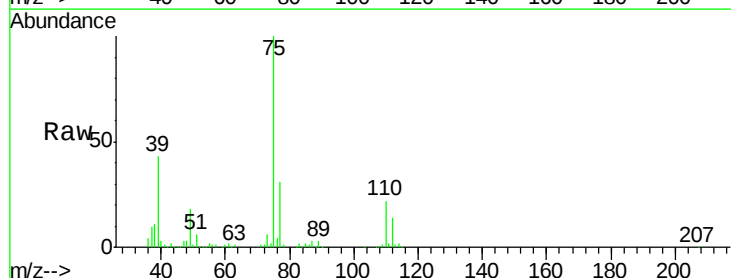
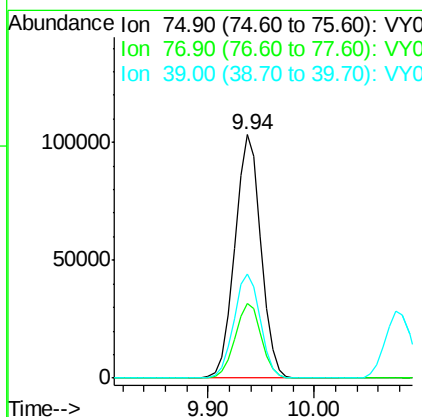
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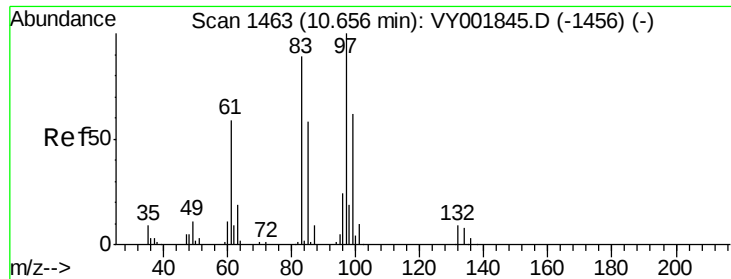
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#54
cis-1,3-Dichloropropene
Concen: 55.028 ug/l
RT: 9.94 min Scan# 1345
Delta R.T. -0.01 min
Lab File: VY001934.D
Acq: 11 Mar 2020 11:25

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.9	25.1	37.7
39	42.8	34.7	52.1





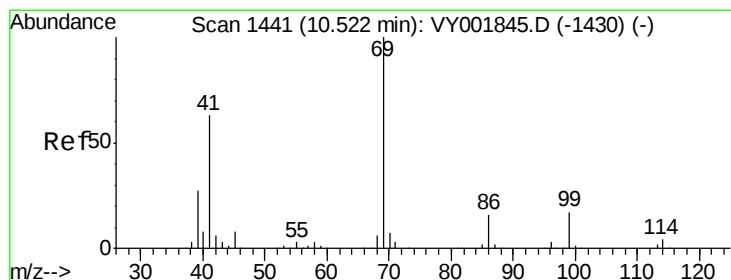
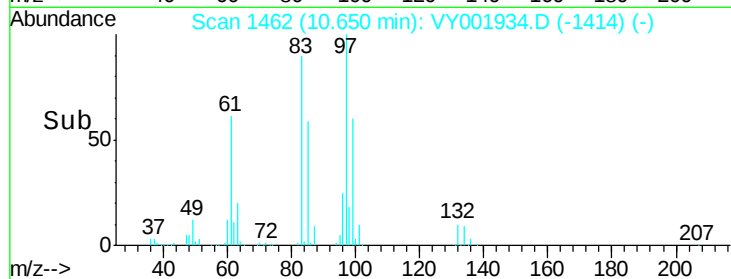
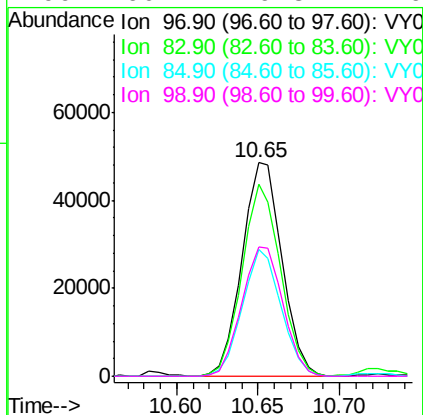
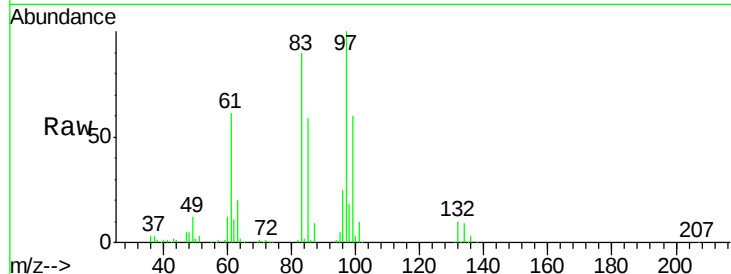
#55
1,1,2-Trichloroethane
Concen: 52.743 ug/l
RT: 10.65 min Scan# 1462
Delta R.T. -0.01 min
Lab File: VY001934.D
Acq: 11 Mar 2020 11:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion:	97	Resp:	82340
Ion	Ratio	Lower	Upper
97	100		
83	90.1	71.6	107.4
85	59.3	46.6	69.8
99	60.4	49.8	74.6

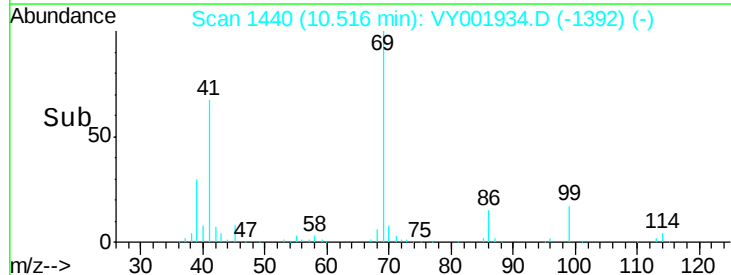
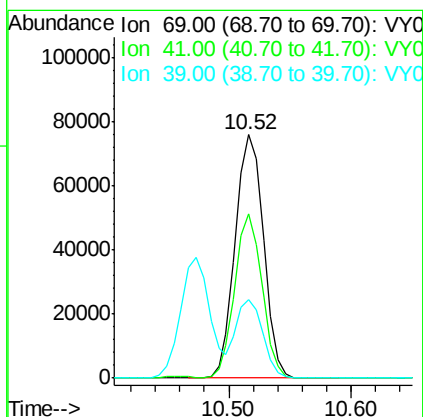
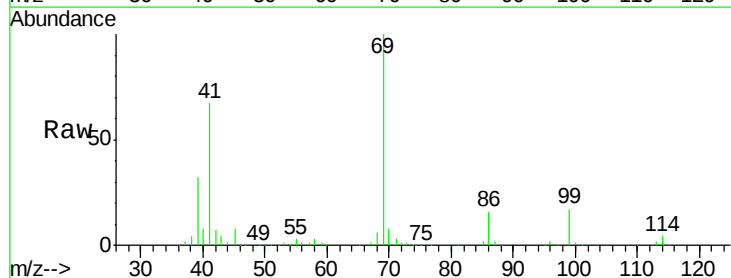
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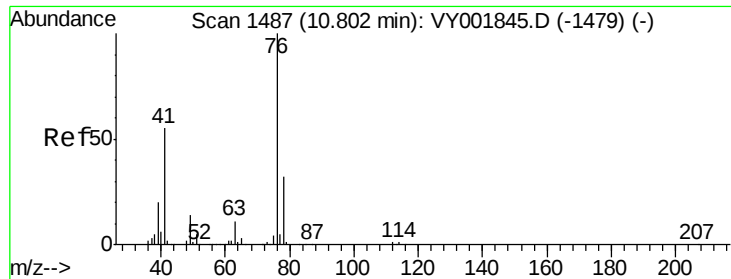
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#56
Ethyl methacrylate
Concen: 53.396 ug/l
RT: 10.52 min Scan# 1440
Delta R.T. -0.01 min
Lab File: VY001934.D
Acq: 11 Mar 2020 11:25

Tgt Ion:	69	Resp:	122185
Ion	Ratio	Lower	Upper
69	100		
41	64.5	49.9	74.9
39	30.6	23.0	34.6





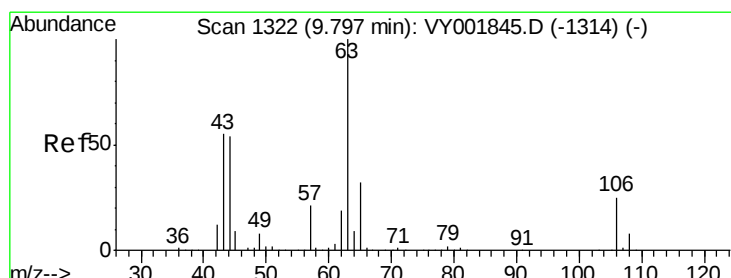
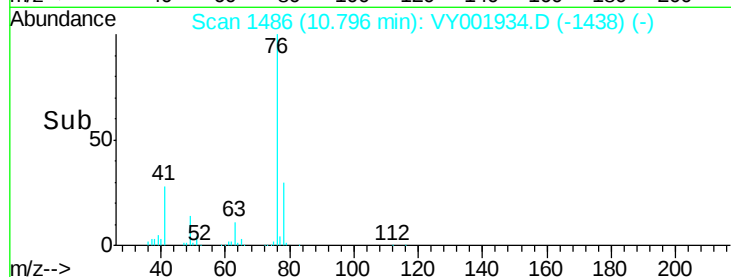
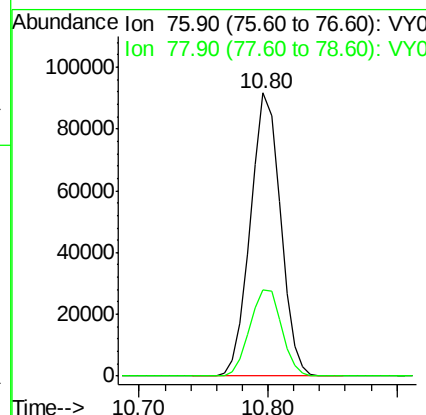
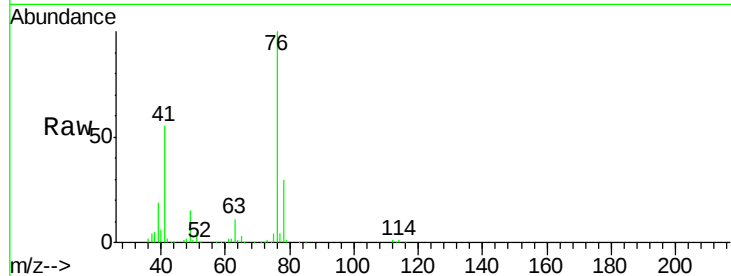
#57
 1,3-Dichloropropane
 Concen: 53.183 ug/l
 RT: 10.80 min Scan# 1486
 Delta R.T. -0.01 min
 Lab File: VY001934.D
 Acq: 11 Mar 2020 11:25

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion: 76 Resp: 147999
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.8 38.6

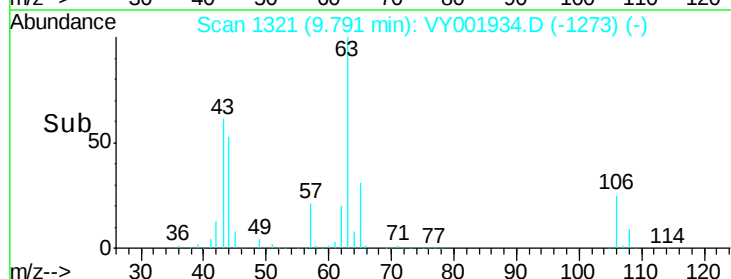
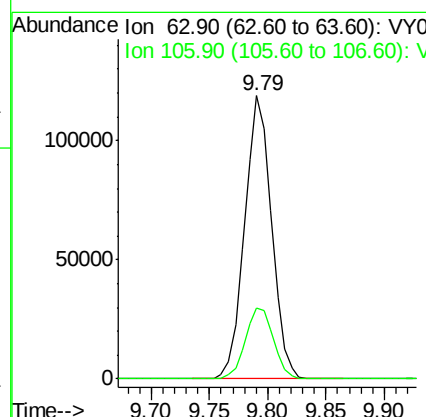
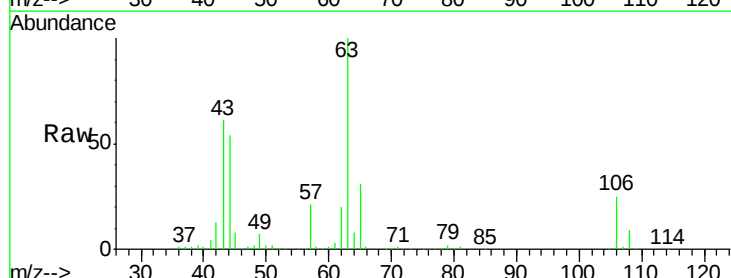
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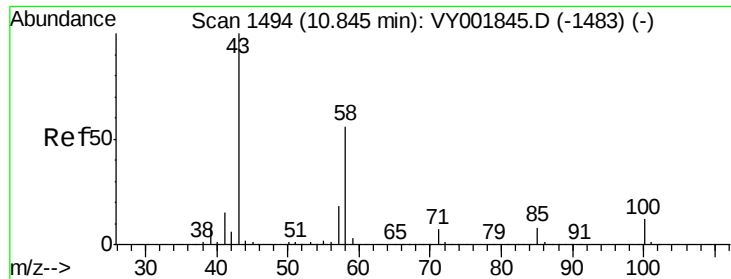
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#58
 2-Chloroethyl Vinyl ether
 Concen: 239.014 ug/l
 RT: 9.79 min Scan# 1321
 Delta R.T. -0.01 min
 Lab File: VY001934.D
 Acq: 11 Mar 2020 11:25

Tgt Ion: 63 Resp: 192326
 Ion Ratio Lower Upper
 63 100
 106 26.3 21.3 31.9





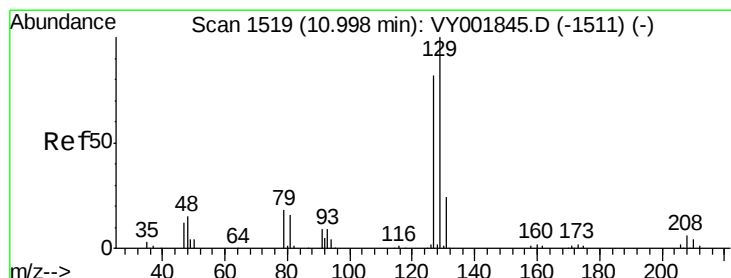
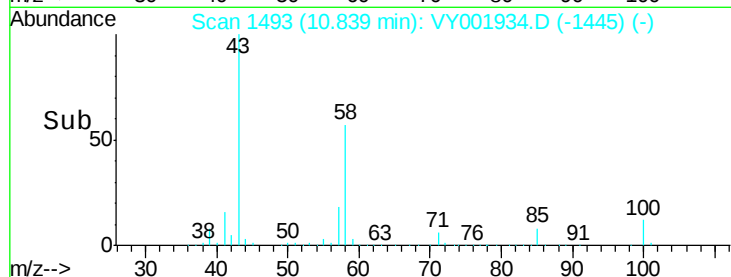
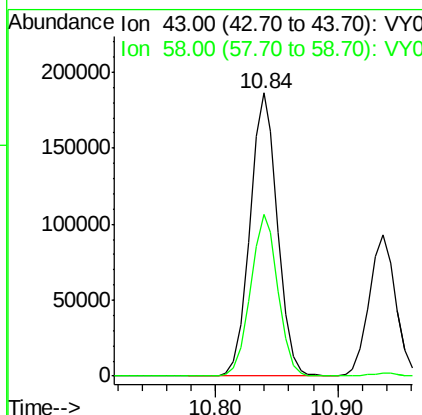
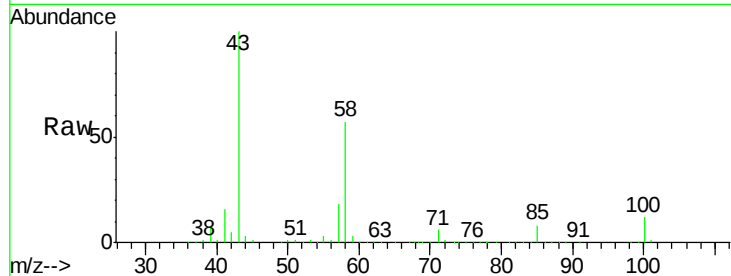
#59
2-Hexanone
Concen: 258.652 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. -0.01 min
Lab File: VY001934.D
Acq: 11 Mar 2020 11:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 290697
Ion Ratio Lower Upper
43 100
58 56.8 28.1 84.3

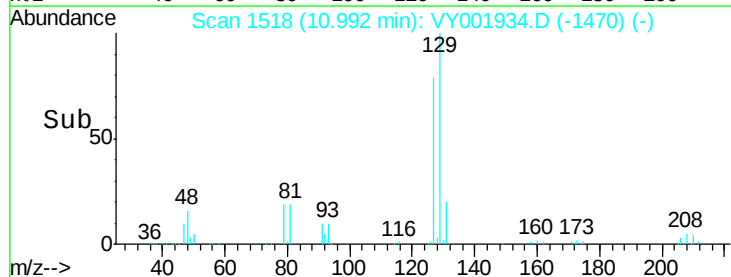
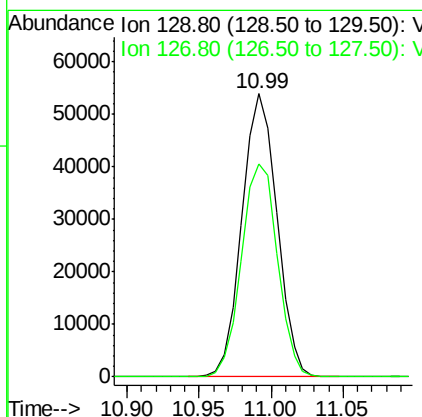
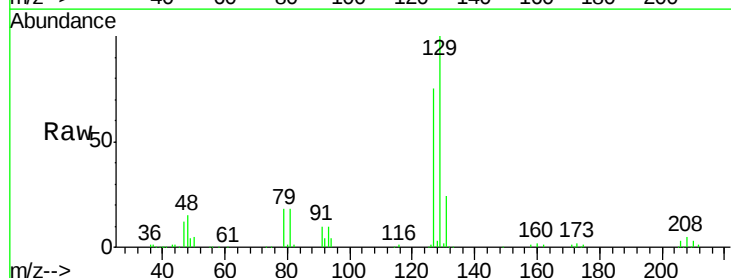
Manual Integrations
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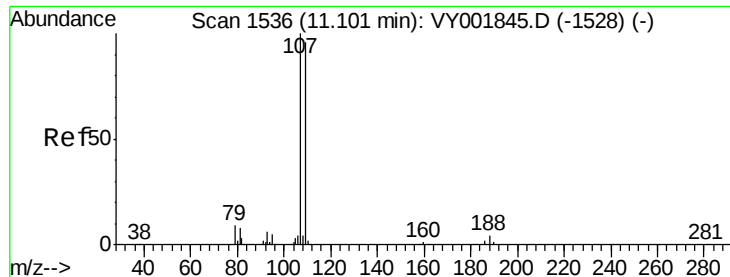
MMDadoda
3/12/2020 2:46:10 PM



#60
Dibromochloromethane
Concen: 55.308 ug/l
RT: 10.99 min Scan# 1518
Delta R.T. -0.01 min
Lab File: VY001934.D
Acq: 11 Mar 2020 11:25

Tgt Ion: 129 Resp: 90984
Ion Ratio Lower Upper
129 100
127 77.3 39.0 117.0





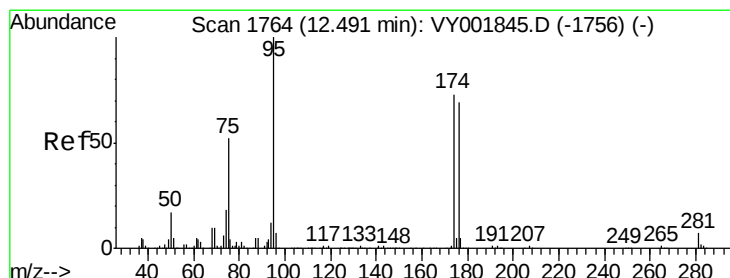
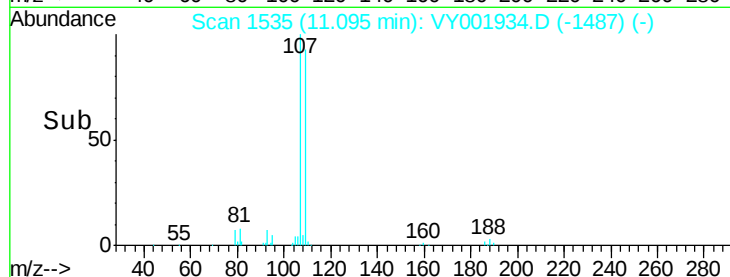
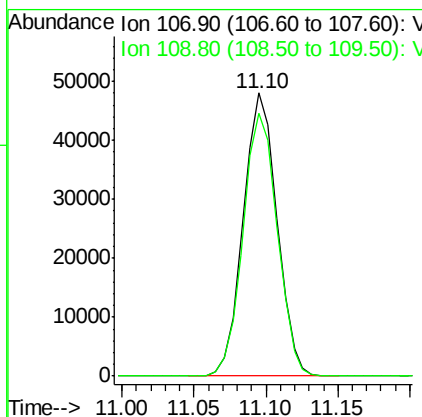
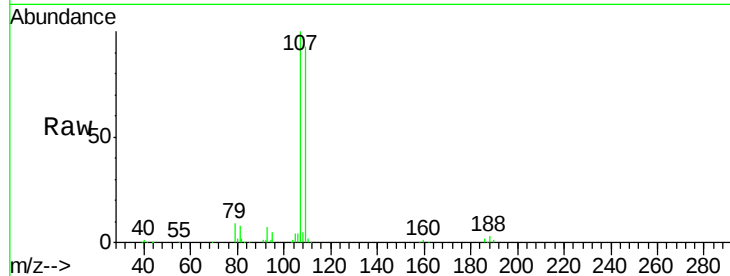
#61
 1,2-Dibromoethane
 Concen: 52.719 ug/l
 RT: 11.10 min Scan# 1535
 Delta R.T. -0.01 min
 Lab File: VY001934.D
 Acq: 11 Mar 2020 11:25

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.1	75.4	113.0

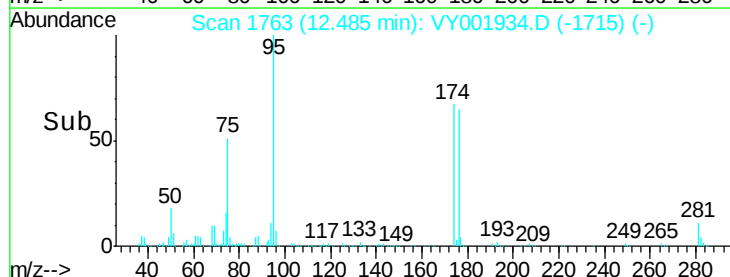
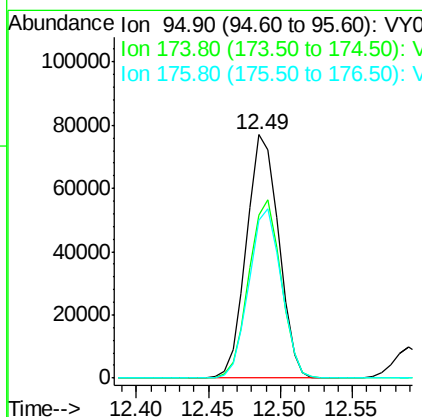
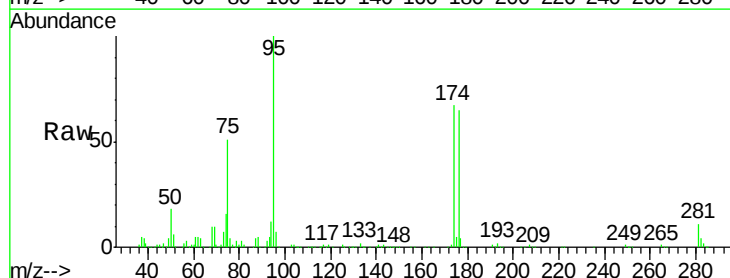
Manual Integrations
 APPROVED

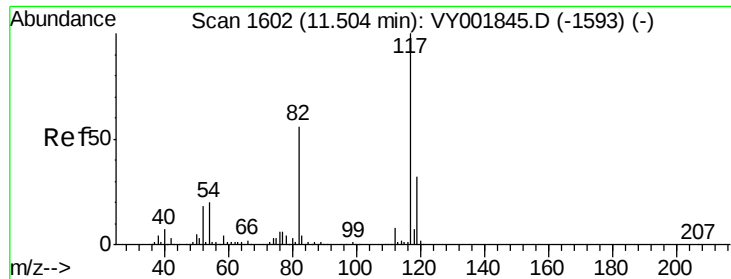
MMDadoda
 3/12/2020 2:46:10 PM



#62
 4-Bromofluorobenzene
 Concen: 51.539 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. -0.01 min
 Lab File: VY001934.D
 Acq: 11 Mar 2020 11:25

Tgt Ion	Ratio	Lower	Upper
95	100		
174	72.8	0.0	145.0
176	70.0	0.0	137.4





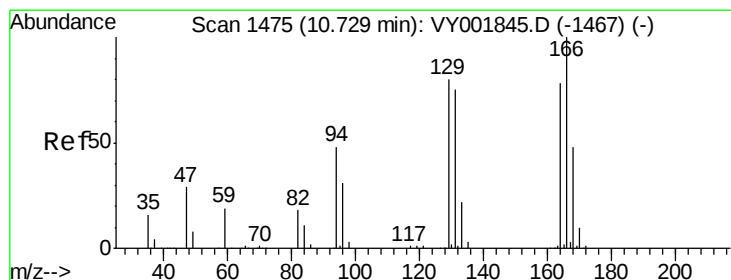
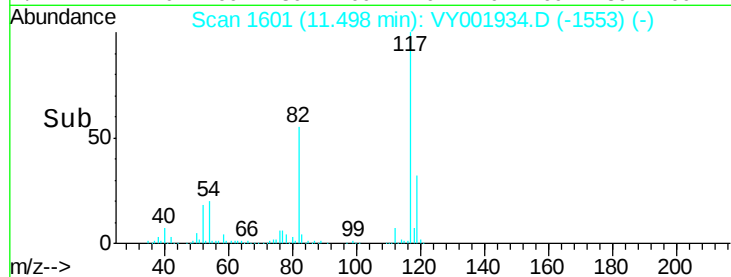
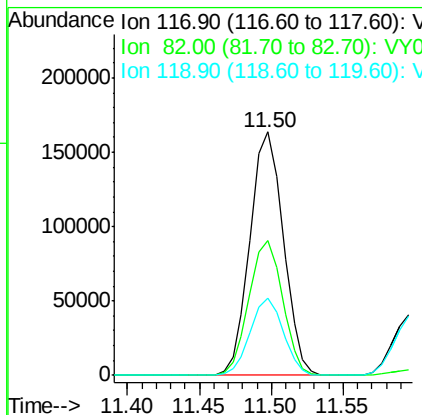
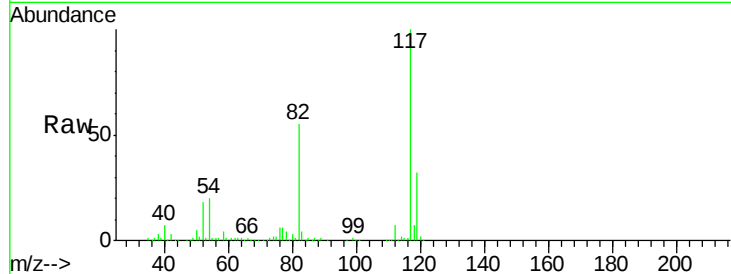
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: VY001934.D
Acq: 11 Mar 2020 11:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	263446		
82	55.5		44.5	66.7
119	31.8		25.7	38.5

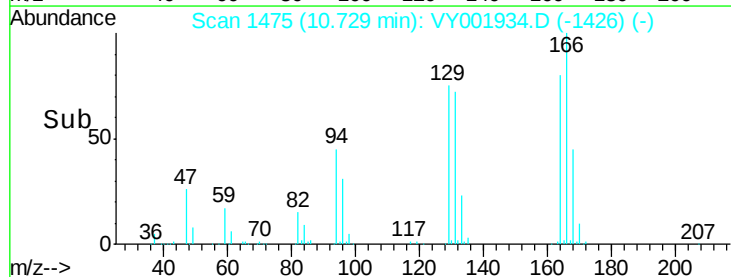
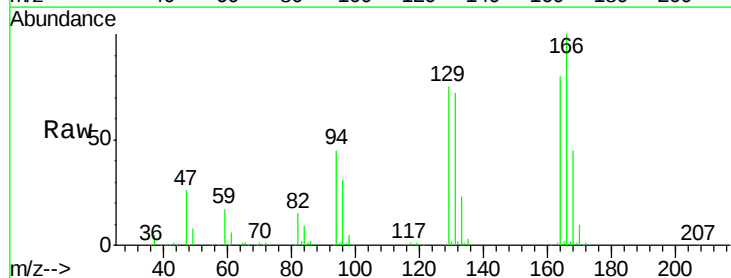
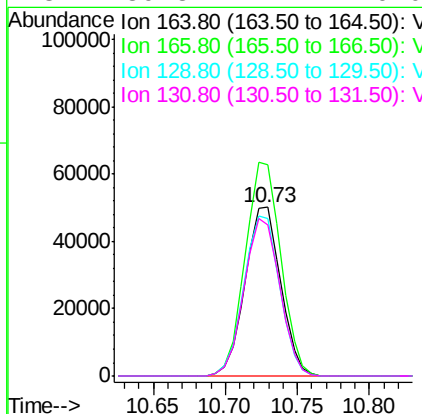
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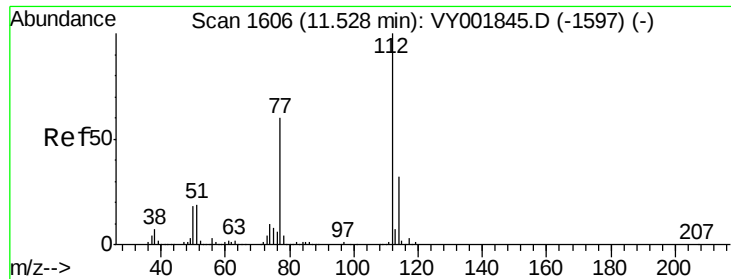
MMDadoda
3/12/2020 2:46:10 PM



#64
Tetrachloroethene
Concen: 51.747 ug/l
RT: 10.73 min Scan# 1475
Delta R.T. 0.00 min
Lab File: VY001934.D
Acq: 11 Mar 2020 11:25

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	85492		
166	124.9		102.6	154.0
129	93.5		82.3	123.5
131	89.8		77.4	116.0





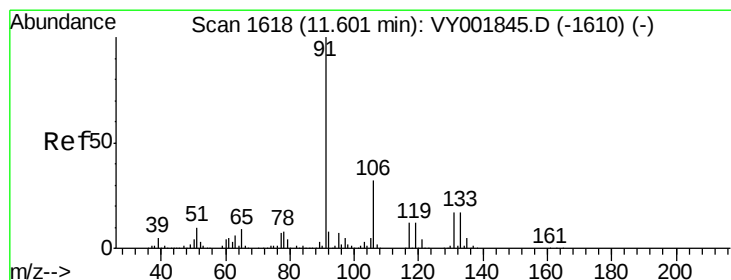
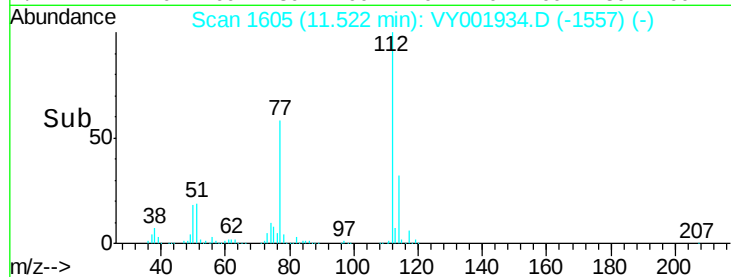
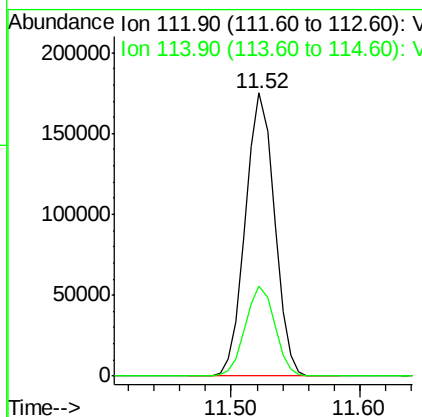
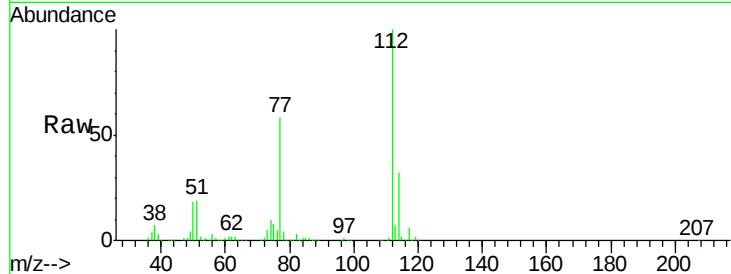
#65
Chlorobenzene
Concen: 52.212 ug/l
RT: 11.52 min Scan# 1605
Delta R.T. -0.01 min
Lab File: VY001934.D
Acq: 11 Mar 2020 11:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.7	25.9	38.9

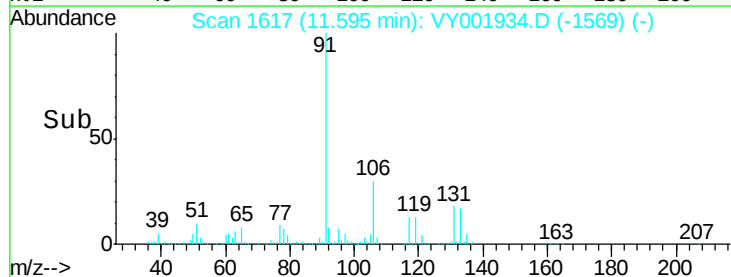
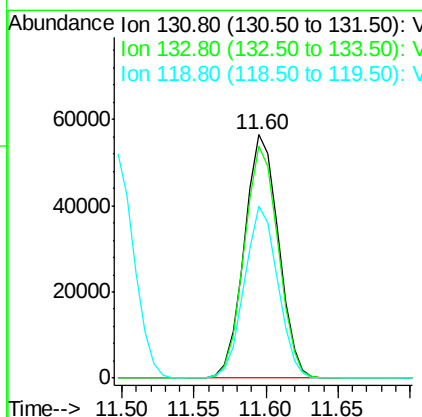
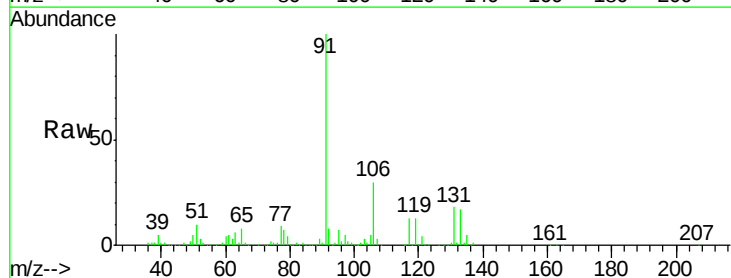
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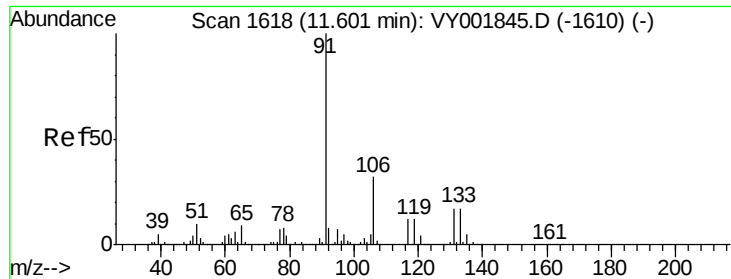
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#66
1,1,1,2-Tetrachloroethane
Concen: 53.832 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. -0.01 min
Lab File: VY001934.D
Acq: 11 Mar 2020 11:25

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.5	47.1	141.3
119	68.9	34.5	103.6





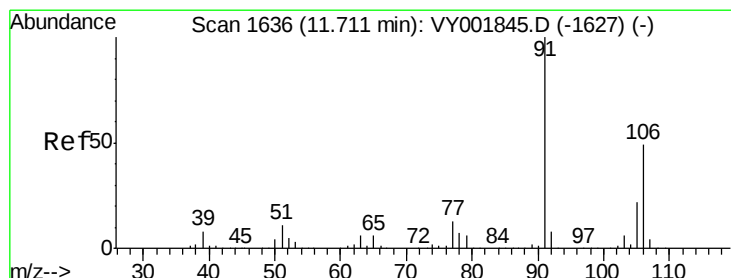
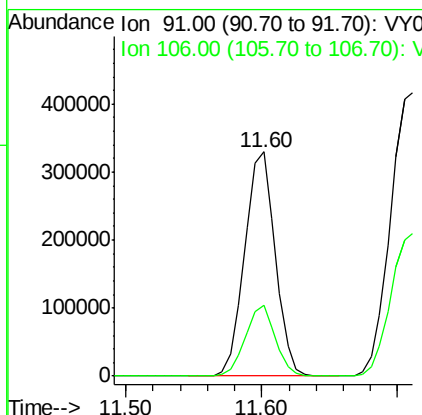
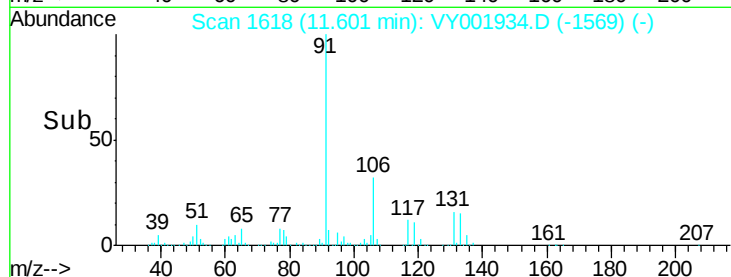
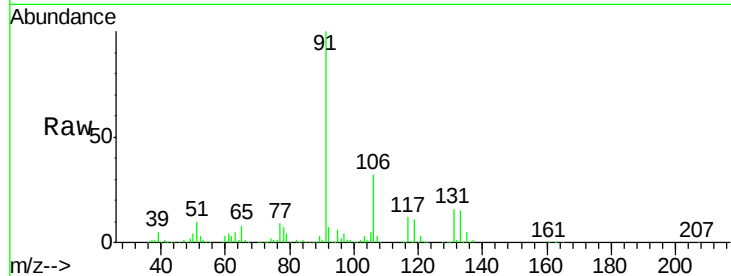
#67
Ethyl Benzene
Concen: 52.953 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VY001934.D
Acq: 11 Mar 2020 11:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 518401
Ion Ratio Lower Upper
91 100
106 31.5 25.4 38.2

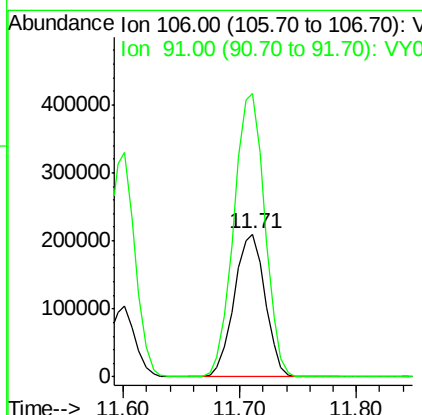
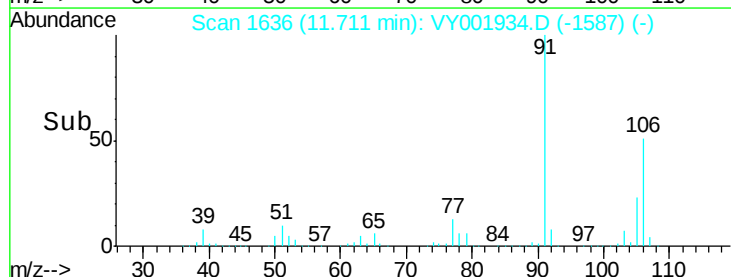
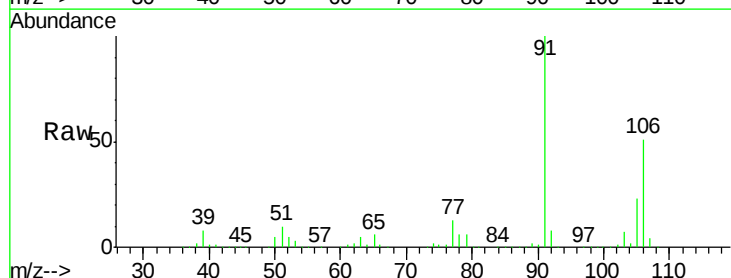
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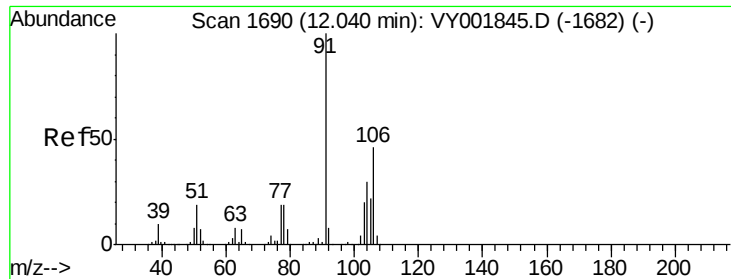
MMDadoda
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#68
m/p-Xylenes
Concen: 107.296 ug/l
RT: 11.71 min Scan# 1636
Delta R.T. 0.00 min
Lab File: VY001934.D
Acq: 11 Mar 2020 11:25

Tgt Ion: 106 Resp: 388349
Ion Ratio Lower Upper
106 100
91 199.1 161.3 241.9





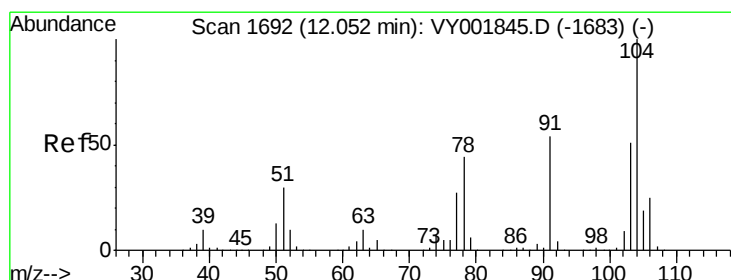
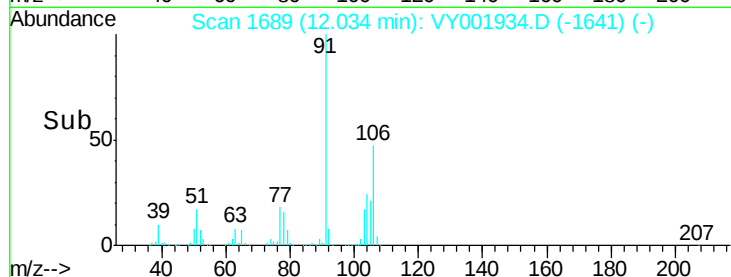
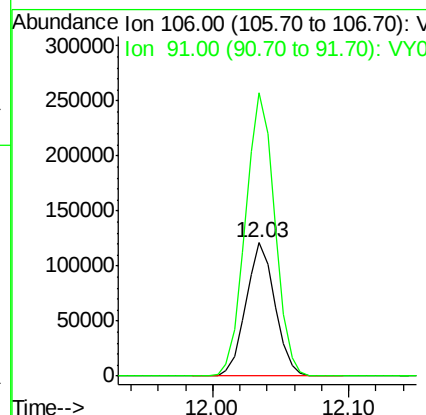
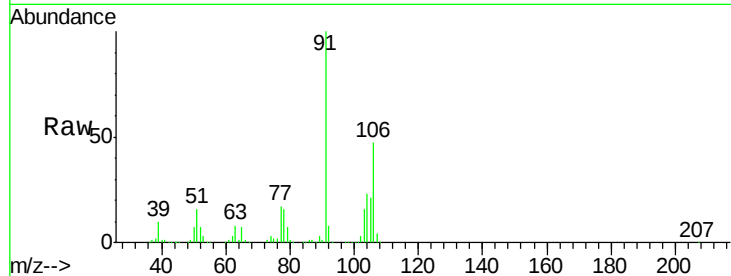
#69
o-Xylene
Concen: 53.051 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. -0.01 min
Lab File: VY001934.D
Acq: 11 Mar 2020 11:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100				
91	214.3	106.8	320.4		

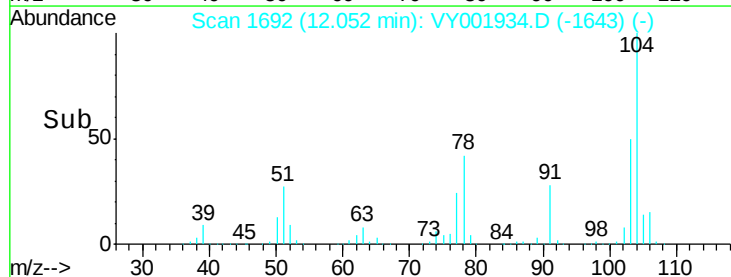
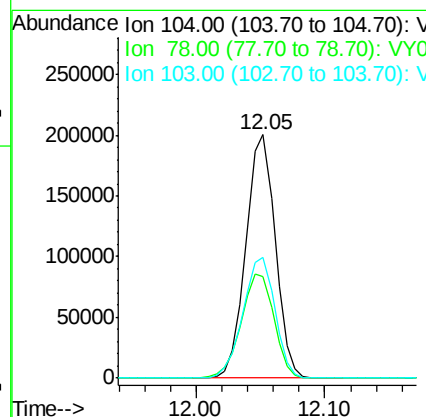
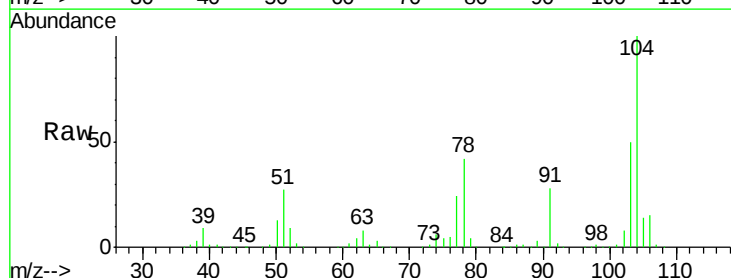
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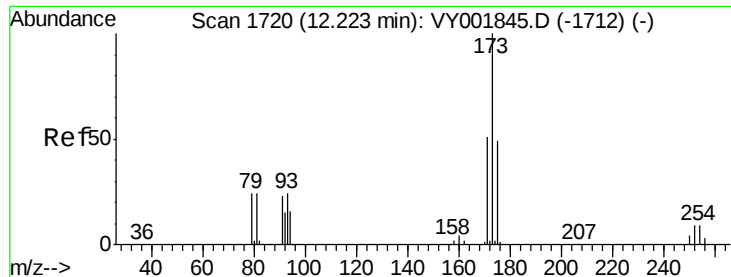
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#70
Styrene
Concen: 53.858 ug/l
RT: 12.05 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VY001934.D
Acq: 11 Mar 2020 11:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100				
78	48.1	38.5	57.7		
103	54.3	42.9	64.3		





#71

Bromoform

Concen: 53.874 ug/l

RT: 12.22 min Scan# 1719

Delta R.T. -0.01 min

Lab File: VY001934.D

Acq: 11 Mar 2020 11:25

Instrument :

MSVOA_Y

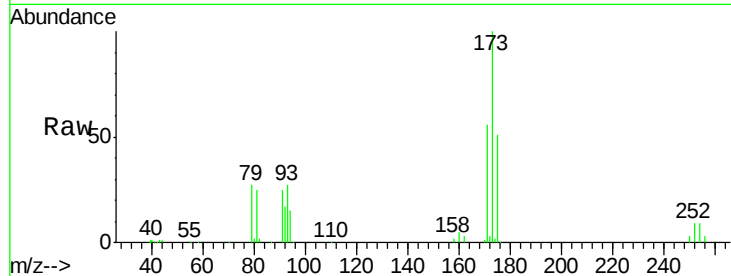
ClientSampleId :

VSTDCCC050

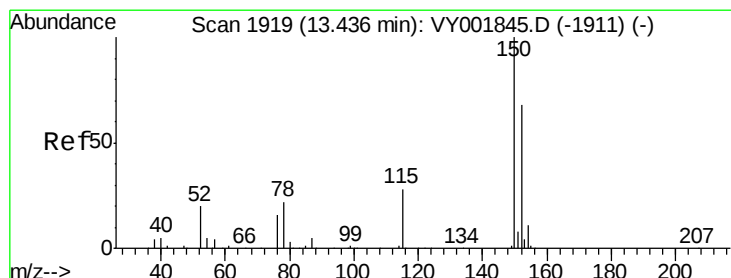
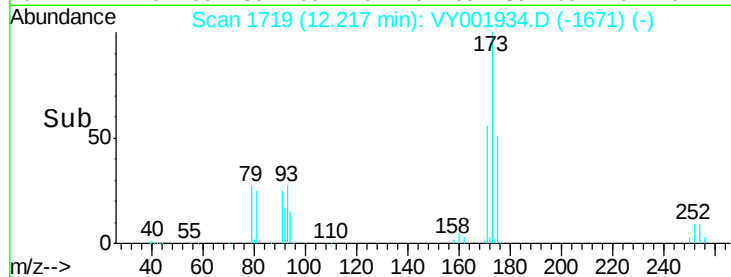
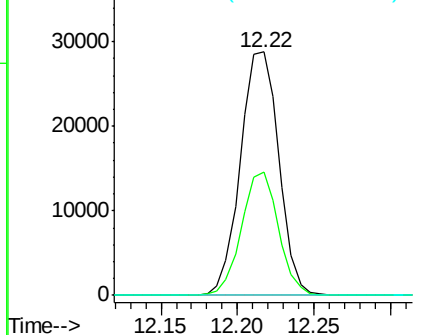
Tot Ion:	173	Resp:	50294
Ion Ratio	Lower	Upper	
173	100		
175	48.4	24.3	72.8
254	0.0	0.0	0.0

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

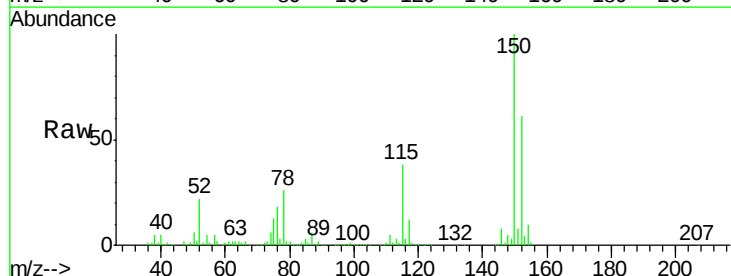
RT: 13.43 min Scan# 1918

Delta R.T. -0.01 min

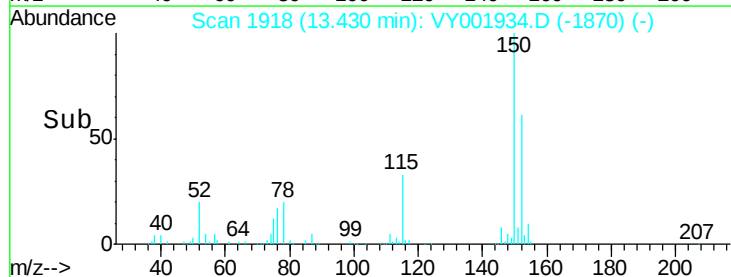
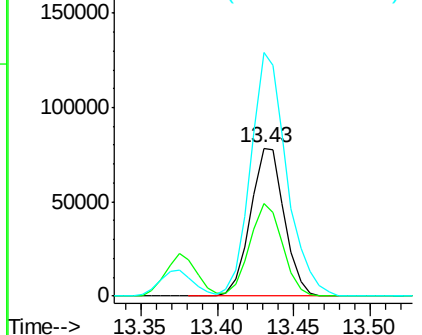
Lab File: VY001934.D

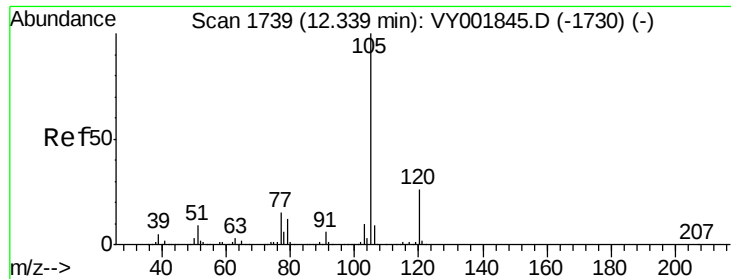
Acq: 11 Mar 2020 11:25

Tgt Ion:	152	Resp:	120519
Ion Ratio	Lower	Upper	
152	100		
115	60.9	29.9	89.7
150	175.4	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





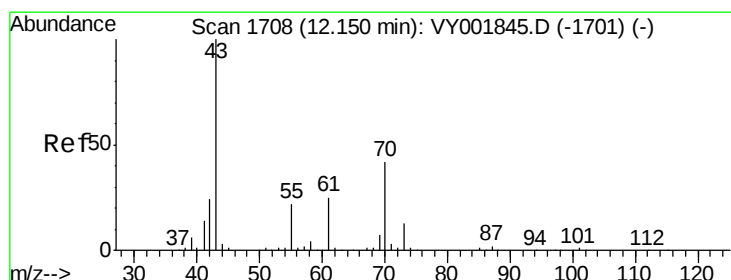
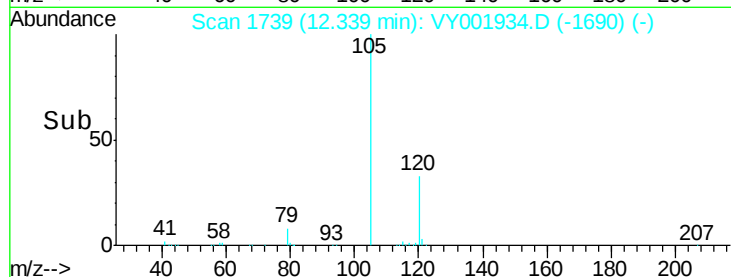
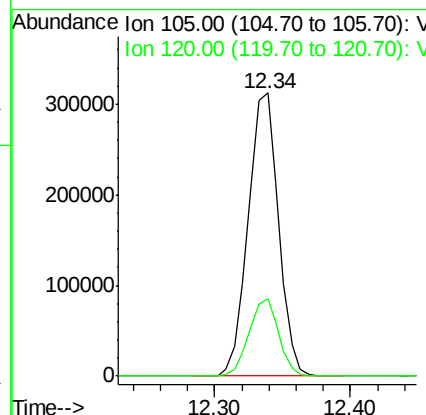
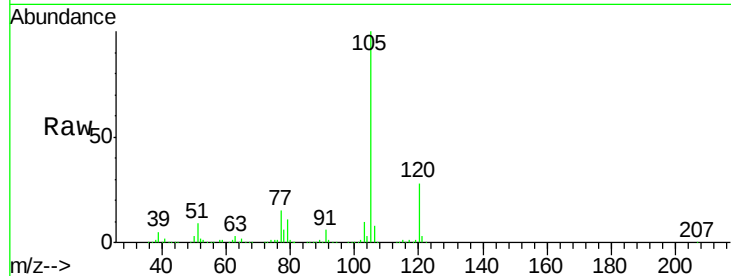
#73
Isopropylbenzene
Concen: 53.038 ug/l
RT: 12.34 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VY001934.D
Acq: 11 Mar 2020 11:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.7	13.1	39.3

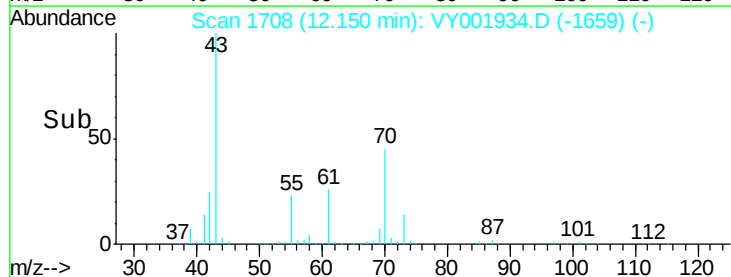
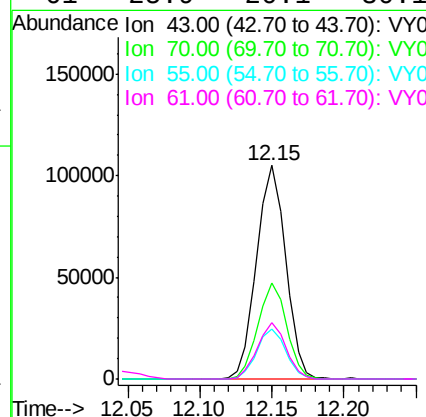
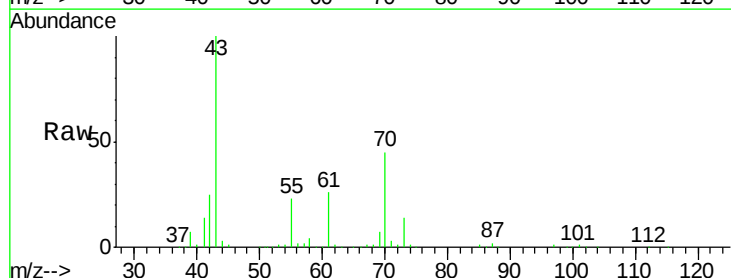
Manual Integrations
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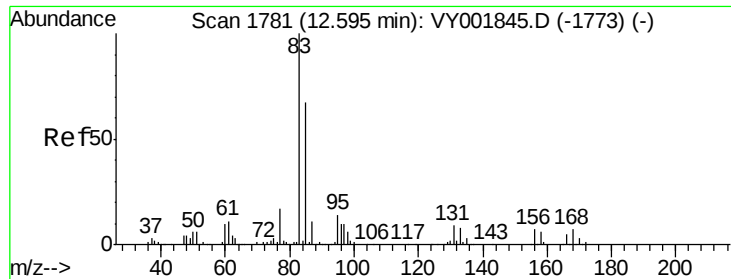
MMDadoda
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#74
N-ethyl acetate
Concen: 51.872 ug/l
RT: 12.15 min Scan# 1708
Delta R.T. 0.00 min
Lab File: VY001934.D
Acq: 11 Mar 2020 11:25

Tgt Ion	Ratio	Lower	Upper
43	100		
70	44.4	34.7	52.1
55	23.5	18.2	27.4
61	25.9	20.1	30.1





#75

1,1,2,2-Tetrachloroethane

Concen: 51.892 ug/l

RT: 12.59 min Scan# 1780

Delta R.T. -0.01 min

Lab File: VY001934.D

Acq: 11 Mar 2020 11:25

Instrument :

MSVOA_Y

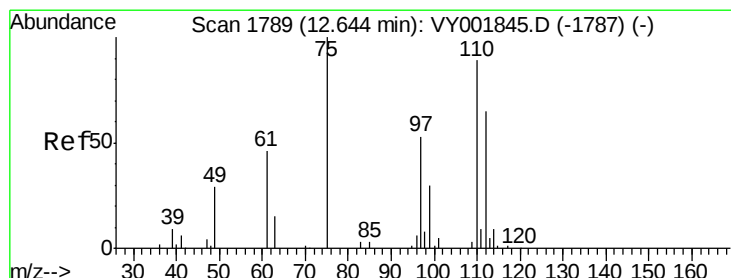
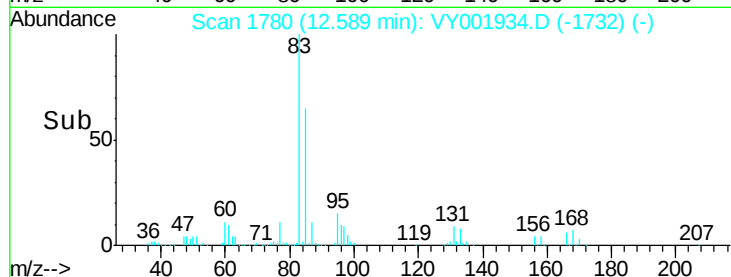
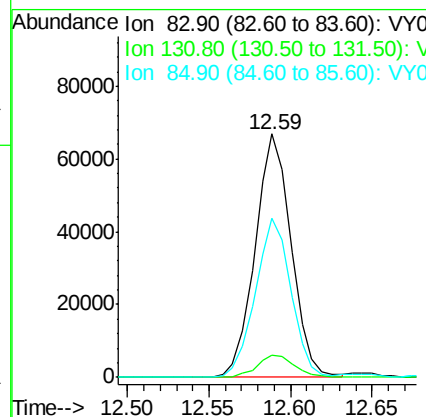
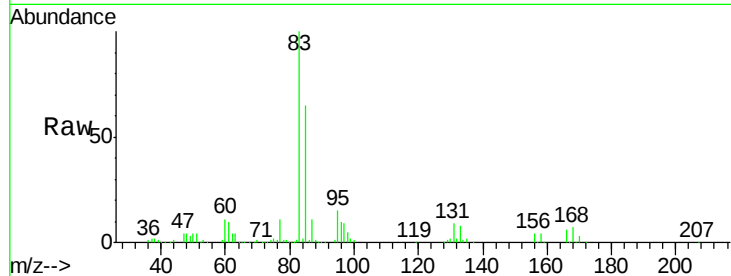
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	102953
Ion Ratio	Lower	Upper	
83	100		
131	9.6	4.6	13.8
85	64.7	32.1	96.3

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#76

1,2,3-Trichloropropane

Concen: 51.822 ug/l m

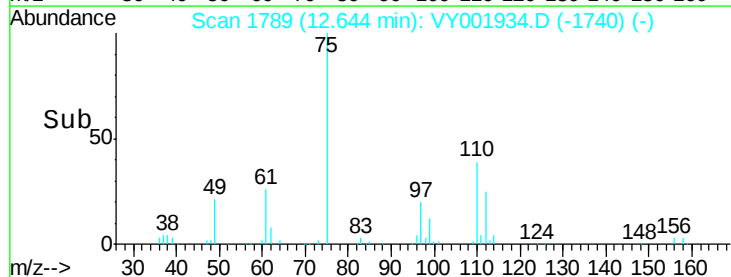
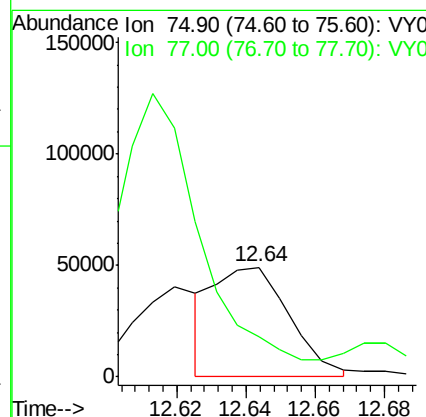
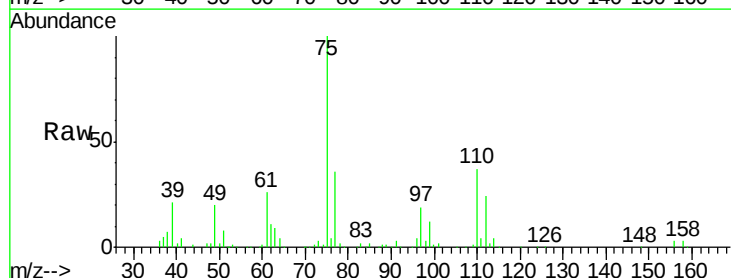
RT: 12.64 min Scan# 1789

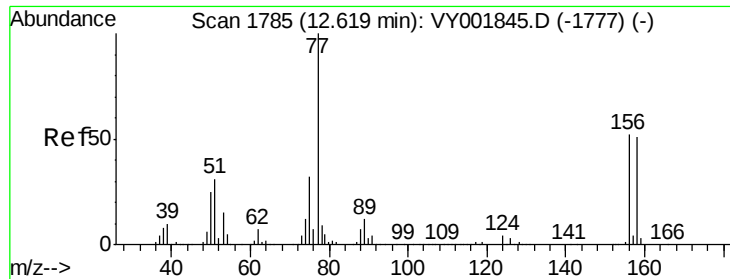
Delta R.T. 0.00 min

Lab File: VY001934.D

Acq: 11 Mar 2020 11:25

Tgt Ion:	75	Resp:	74107
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 53.809 ug/l

RT: 12.61 min Scan# 1784

Delta R.T. -0.01 min

Lab File: VY001934.D

Acq: 11 Mar 2020 11:25

Instrument :

MSVOA_Y

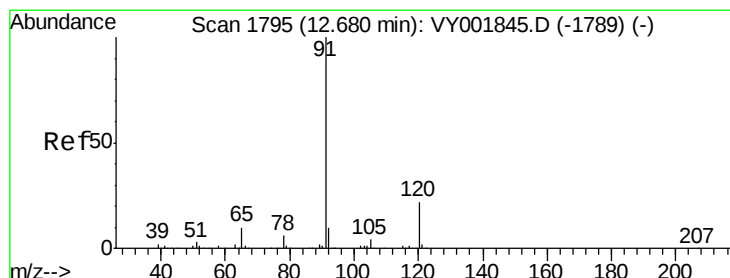
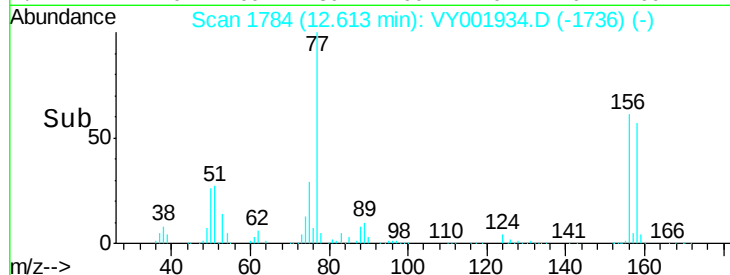
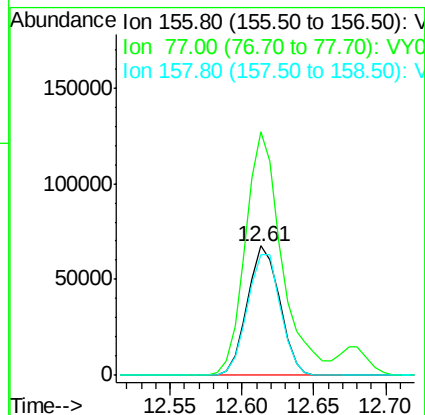
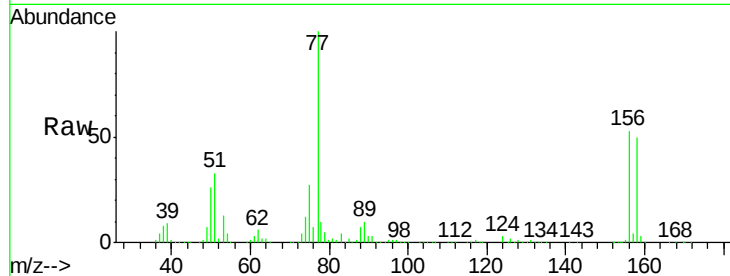
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	213.4	109.0	327.0
158	96.2	48.9	146.8

Manual Integrations
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#78

n-propylbenzene

Concen: 53.819 ug/l

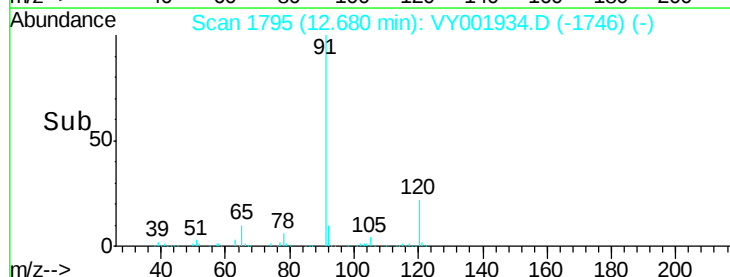
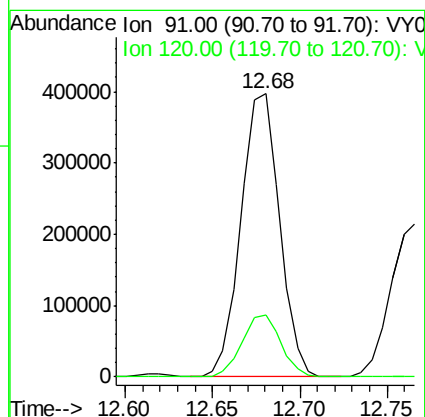
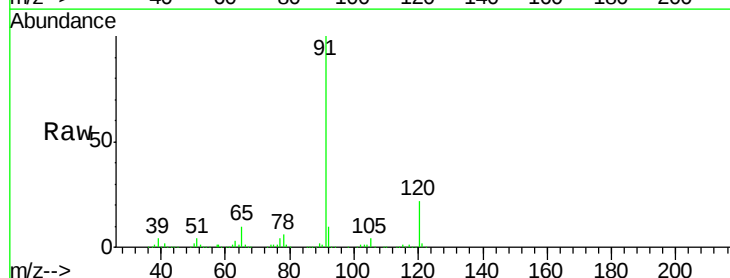
RT: 12.68 min Scan# 1795

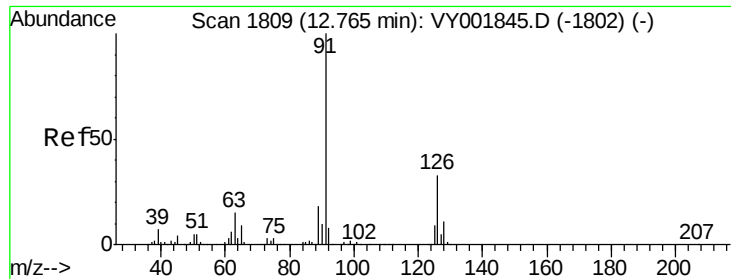
Delta R.T. 0.00 min

Lab File: VY001934.D

Acq: 11 Mar 2020 11:25

Tgt Ion	Ratio	Lower	Upper
91	100		
120	21.9	11.0	33.0





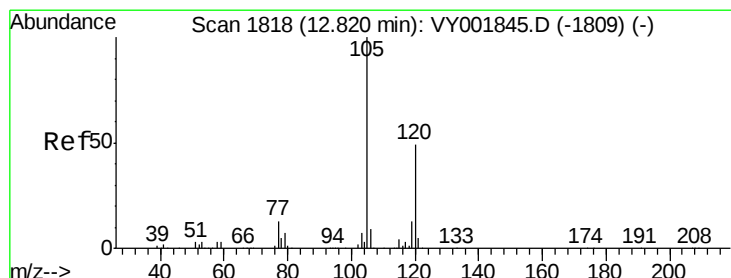
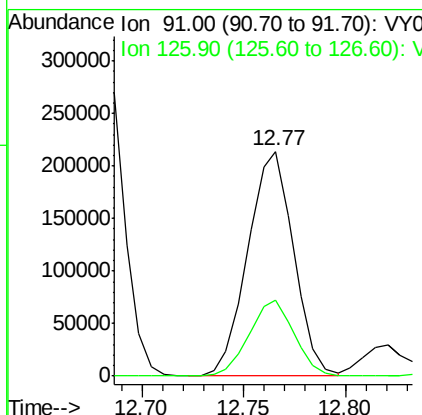
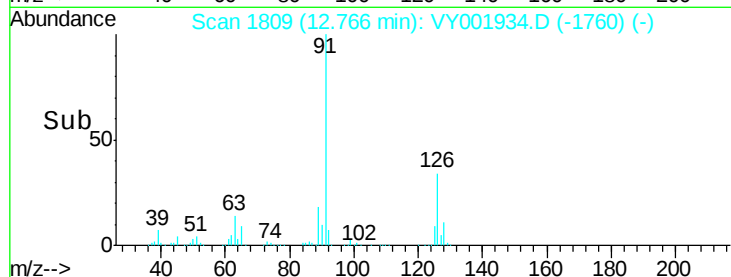
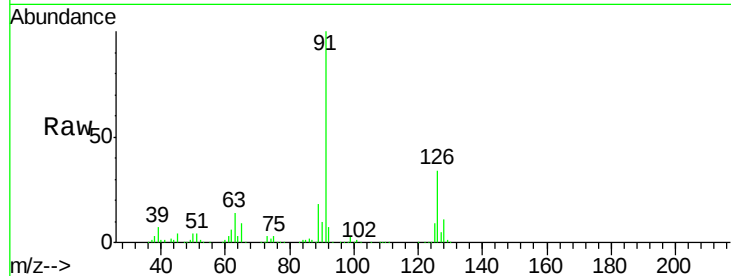
#79
 2-Chlorotoluene
 Concen: 53.363 ug/l
 RT: 12.77 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VY001934.D
 Acq: 11 Mar 2020 11:25

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
126	33.2	16.3	48.8

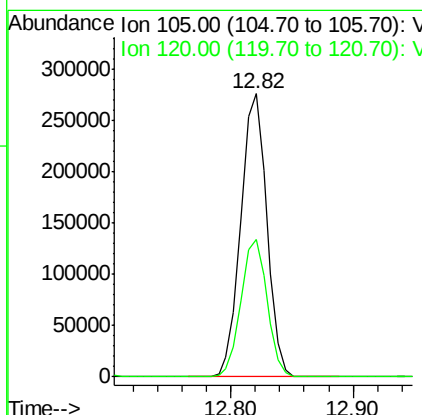
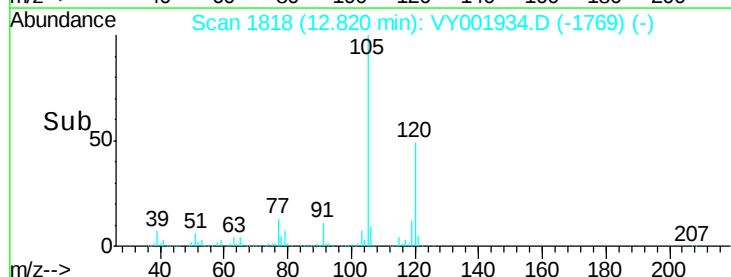
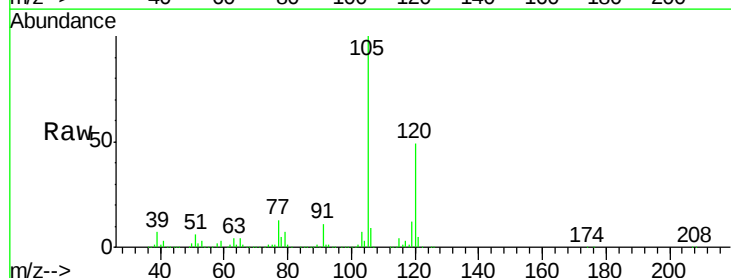
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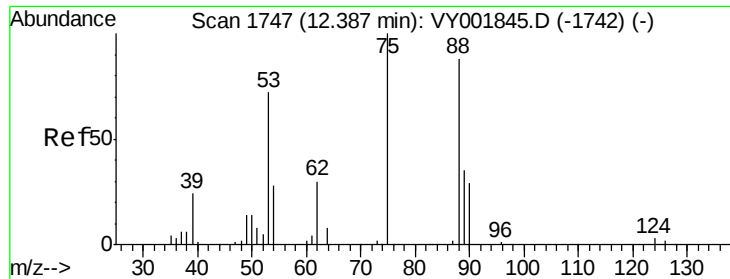
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#80
 1,3,5-Trimethylbenzene
 Concen: 53.728 ug/l
 RT: 12.82 min Scan# 1818
 Delta R.T. 0.00 min
 Lab File: VY001934.D
 Acq: 11 Mar 2020 11:25

Tgt Ion	Ratio	Lower	Upper
105	100		
120	48.9	24.4	73.2





#81

trans-1,4-Dichloro-2-butene

Concen: 53.543 ug/l

RT: 12.39 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VY001934.D

Acq: 11 Mar 2020 11:25

Instrument :

MSVOA_Y

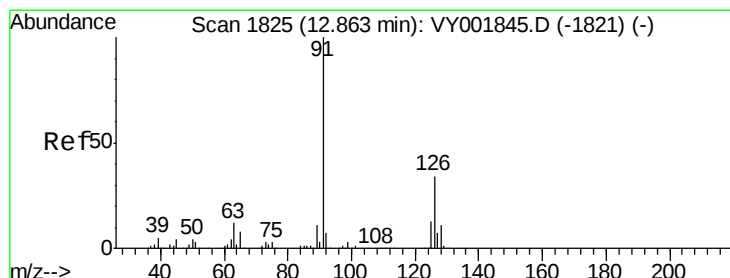
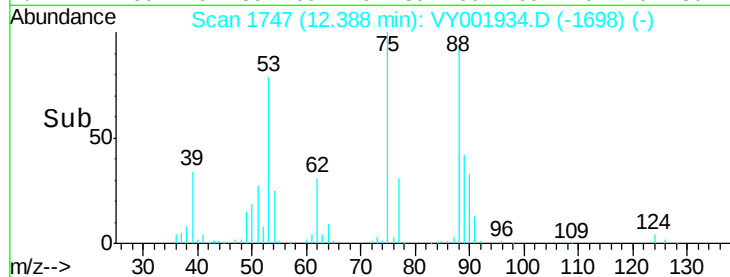
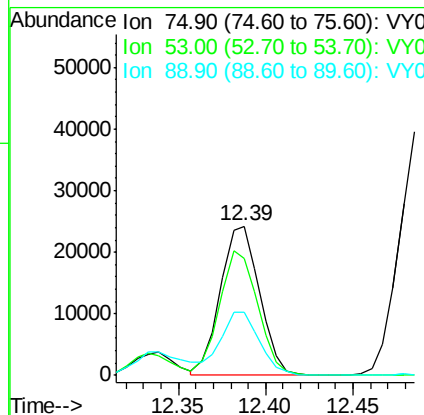
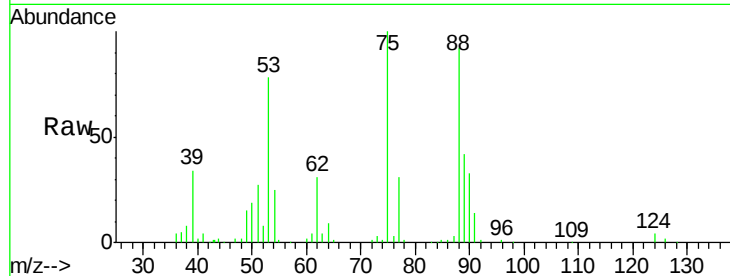
ClientSampleId :

VSTDCCC050

Tot Ion:	75	Resp:	37906
Ion	Ratio	Lower	Upper
75	100		
53	81.2	65.4	98.0
89	43.3	36.0	54.0

Manual Integrations
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#82

4-Chlorotoluene

Concen: 53.416 ug/l

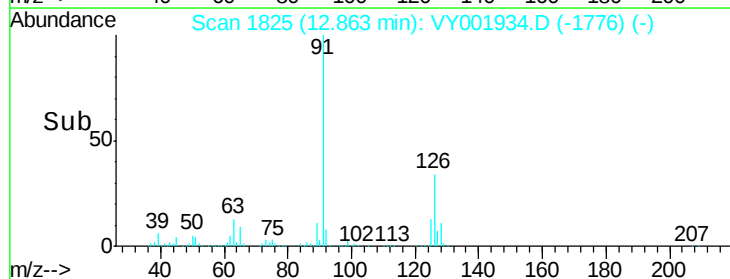
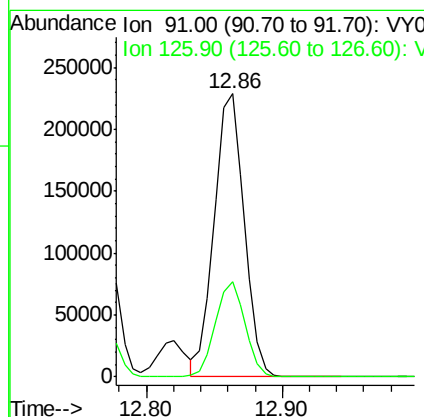
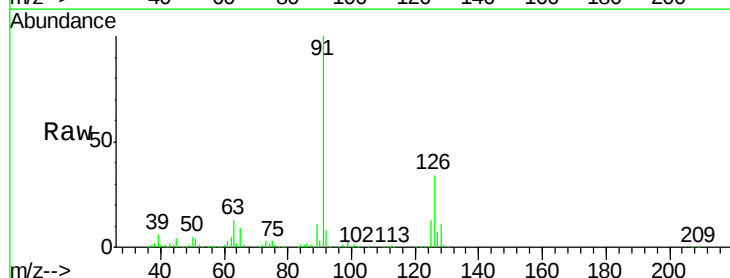
RT: 12.86 min Scan# 1825

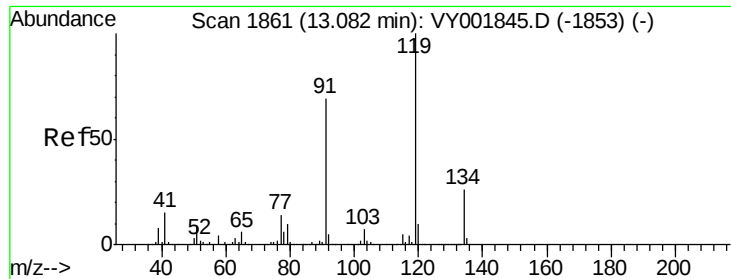
Delta R.T. 0.00 min

Lab File: VY001934.D

Acq: 11 Mar 2020 11:25

Tgt Ion:	91	Resp:	348759
Ion	Ratio	Lower	Upper
91	100		
126	33.4	16.4	49.2





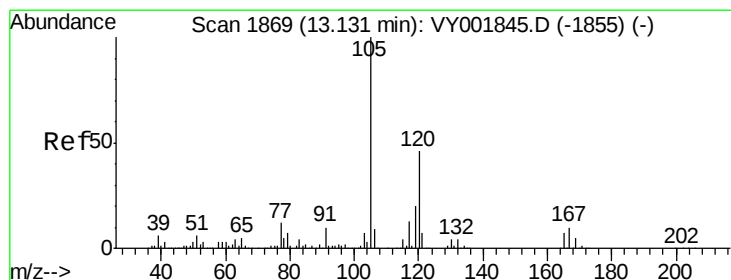
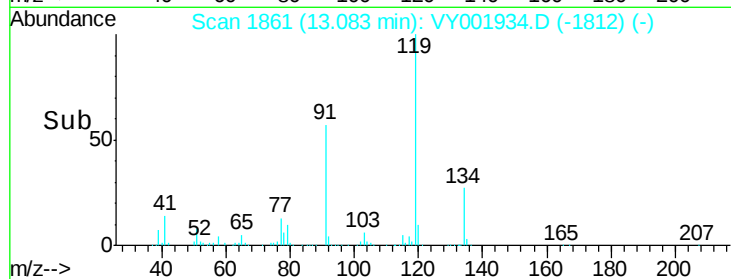
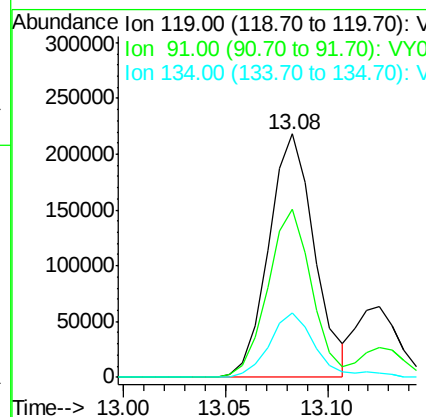
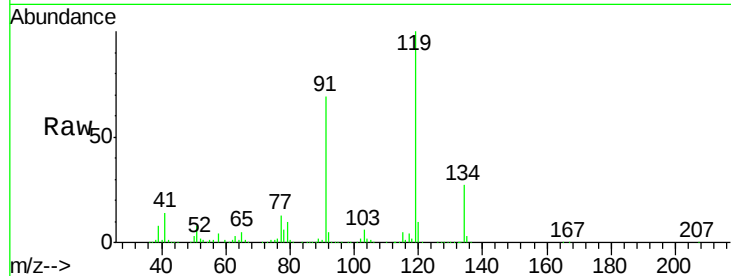
#83
 tert-Butylbenzene
 Concen: 54.181 ug/l
 RT: 13.08 min Scan# 1861
 Delta R.T. 0.00 min
 Lab File: VY001934.D
 Acq: 11 Mar 2020 11:25

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	340838		
91	66.0	34.0	101.8	
134	26.8	13.5	40.4	

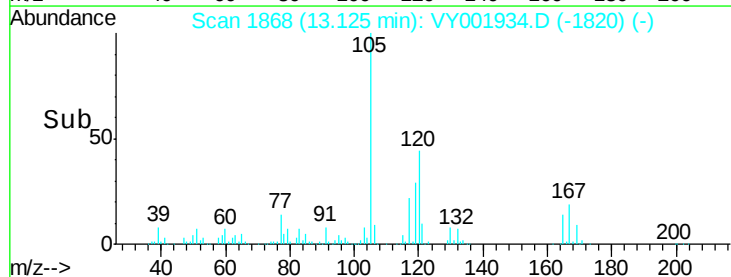
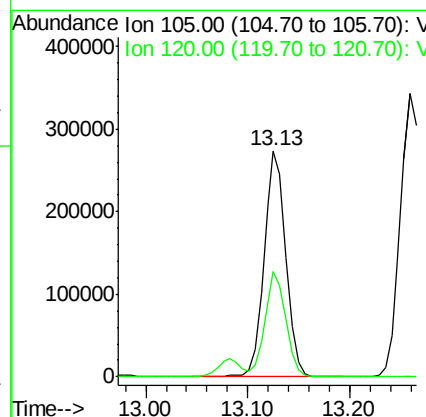
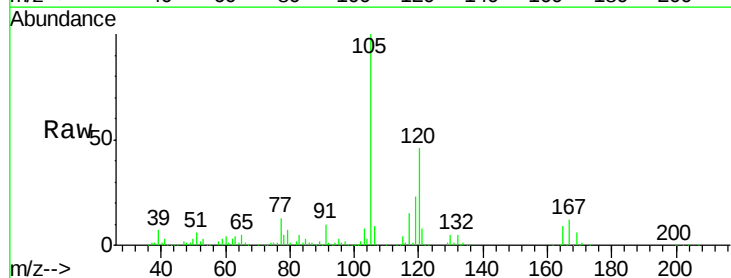
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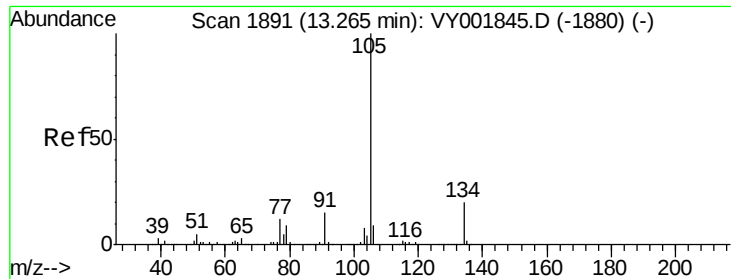
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#84
 1,2,4-Trimethylbenzene
 Concen: 53.805 ug/l
 RT: 13.13 min Scan# 1868
 Delta R.T. -0.01 min
 Lab File: VY001934.D
 Acq: 11 Mar 2020 11:25

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	404423		
120	44.8	22.6	67.7	





#85

sec-Butylbenzene

Concen: 54.830 ug/l

RT: 13.26 min Scan# 1890

Delta R.T. -0.01 min

Lab File: VY001934.D

Acq: 11 Mar 2020 11:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 508403

Ion Ratio Lower Upper

105 100

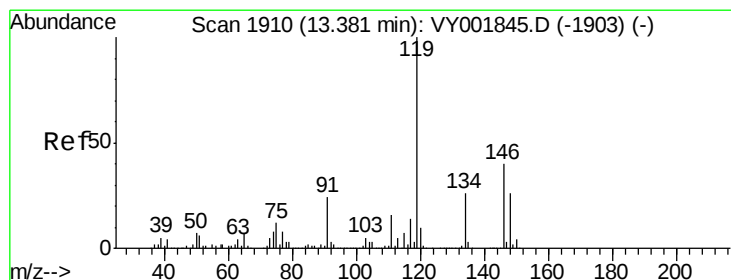
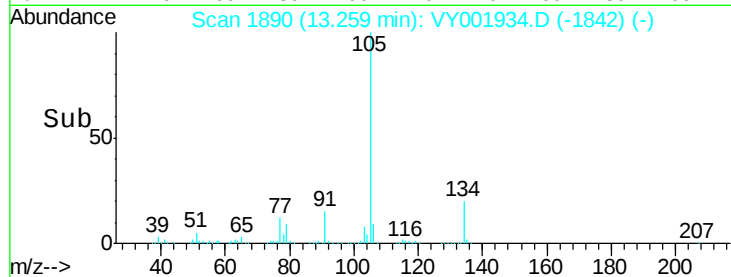
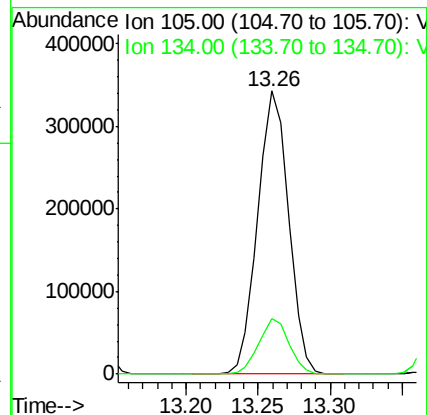
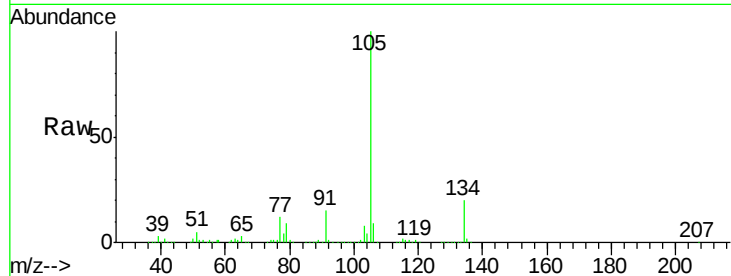
134 19.3 9.7 29.1

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 54.442 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. -0.01 min

Lab File: VY001934.D

Acq: 11 Mar 2020 11:25

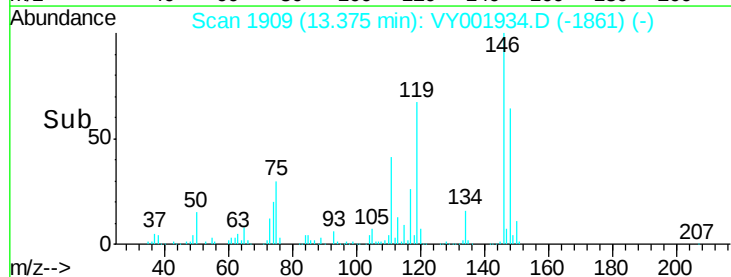
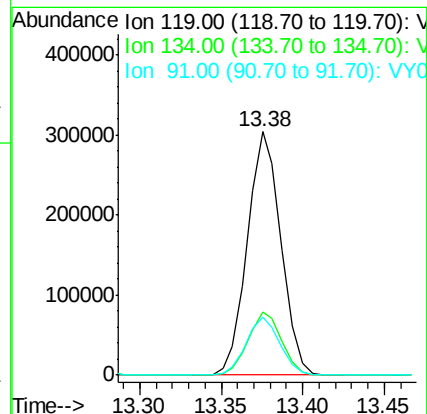
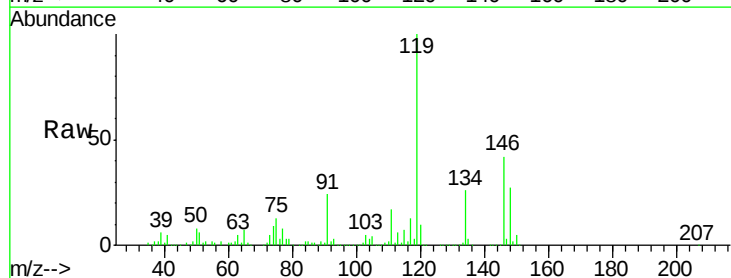
Tgt Ion:119 Resp: 435463

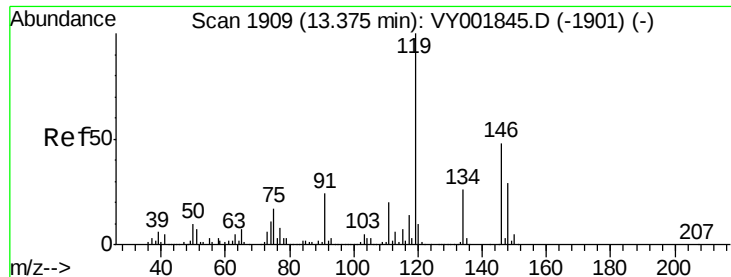
Ion Ratio Lower Upper

119 100

134 26.0 13.1 39.3

91 23.6 11.9 35.7





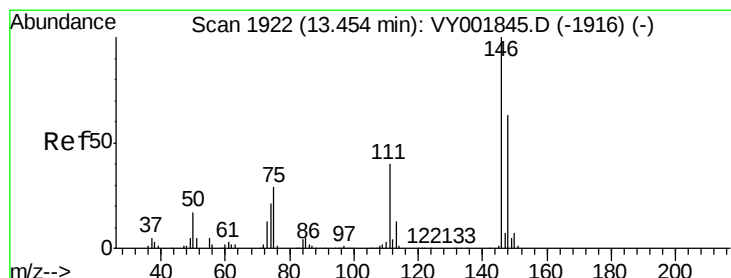
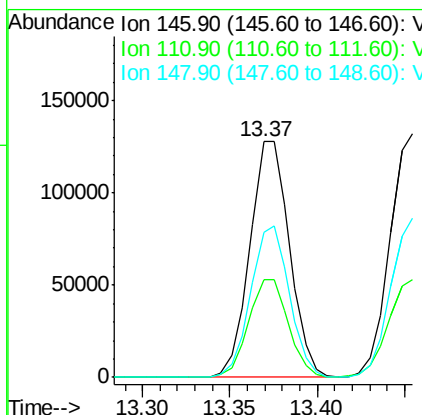
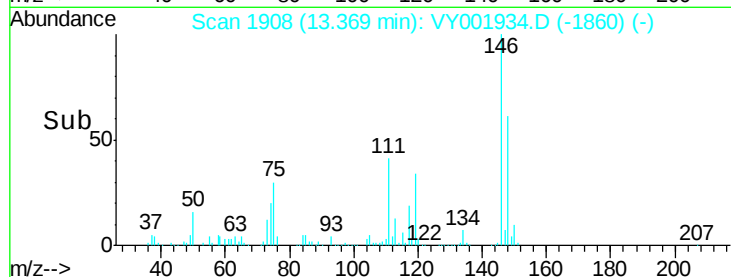
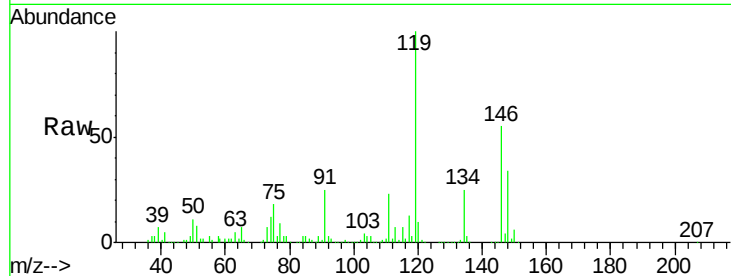
#87
 1,3-Dichlorobenzene
 Concen: 53.269 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. -0.01 min
 Lab File: VY001934.D
 Acq: 11 Mar 2020 11:25

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.4	20.8	62.5
148	62.6	31.4	94.0

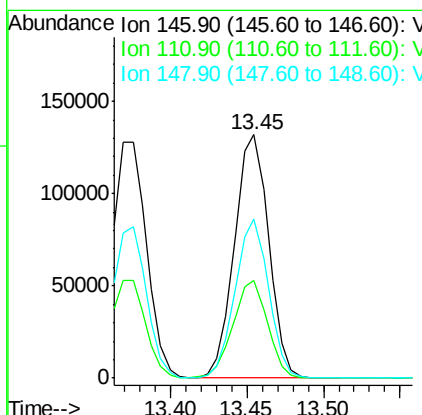
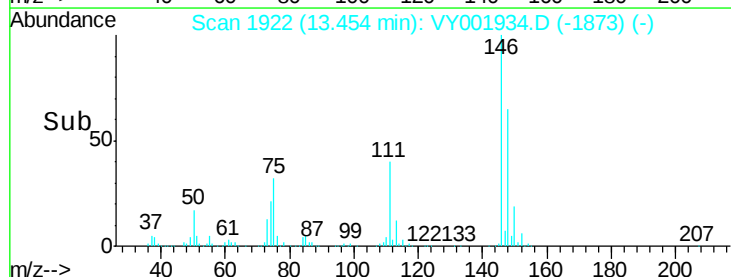
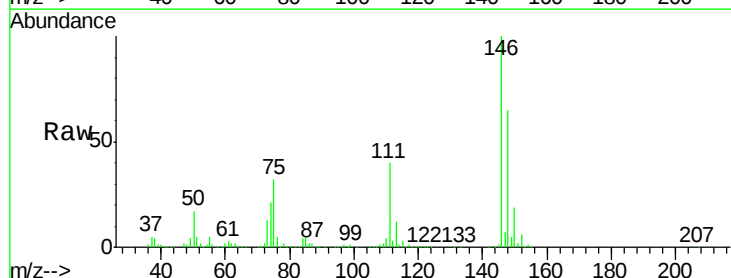
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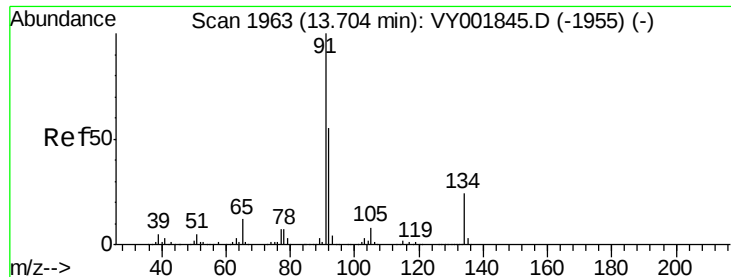
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#88
 1,4-Dichlorobenzene
 Concen: 52.878 ug/l
 RT: 13.45 min Scan# 1922
 Delta R.T. 0.00 min
 Lab File: VY001934.D
 Acq: 11 Mar 2020 11:25

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.5	20.0	60.0
148	63.9	31.5	94.5





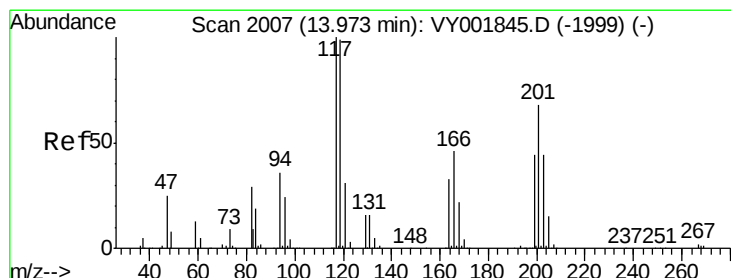
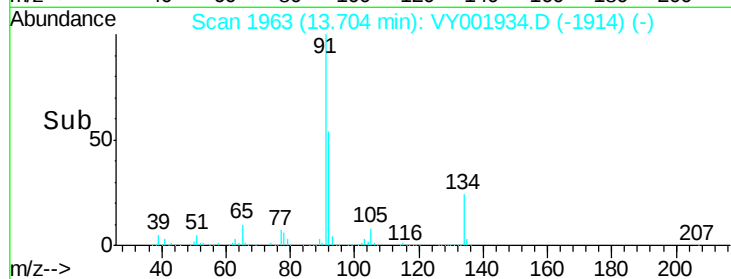
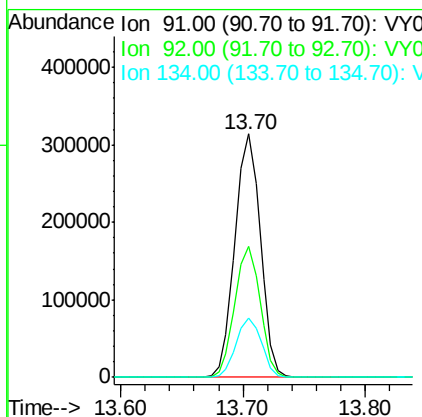
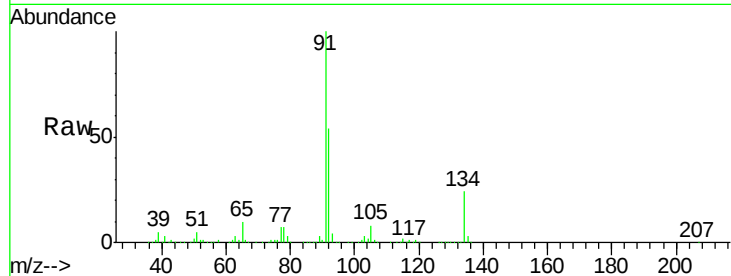
#89
n-Butylbenzene
Concen: 54.416 ug/l
RT: 13.70 min Scan# 1963
Delta R.T. 0.00 min
Lab File: VY001934.D
Acq: 11 Mar 2020 11:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.6	27.5	82.4
134	24.5	12.5	37.5

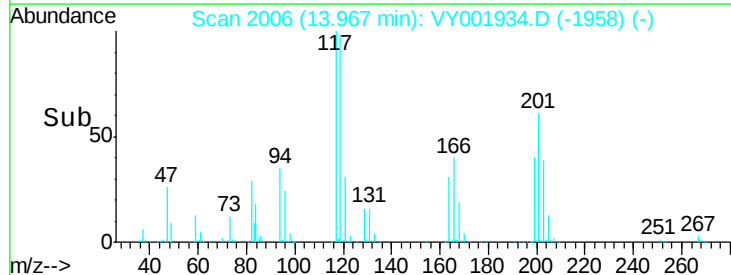
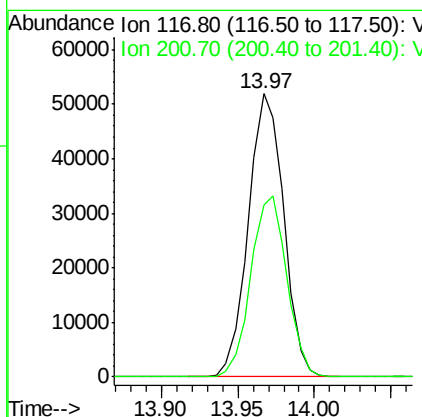
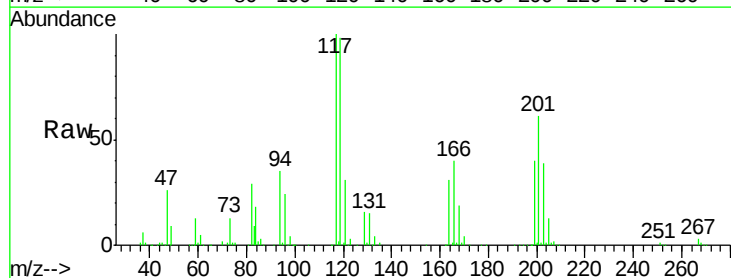
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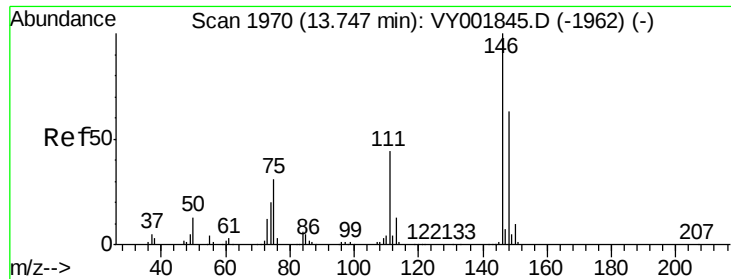
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#90
Hexachloroethane
Concen: 55.503 ug/l
RT: 13.97 min Scan# 2006
Delta R.T. -0.01 min
Lab File: VY001934.D
Acq: 11 Mar 2020 11:25

Tgt Ion	Ratio	Lower	Upper
117	100		
201	64.9	32.5	97.5





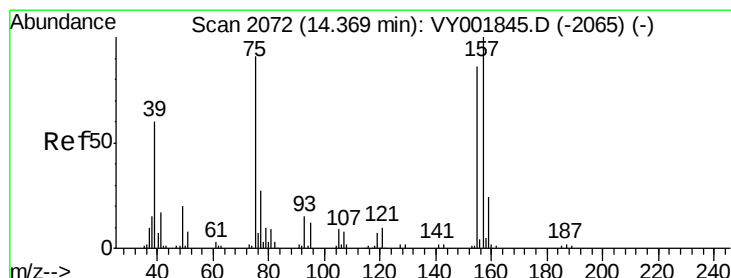
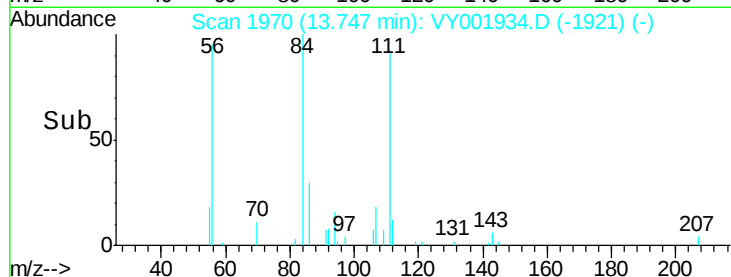
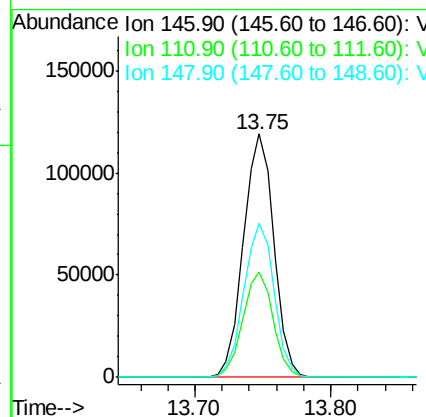
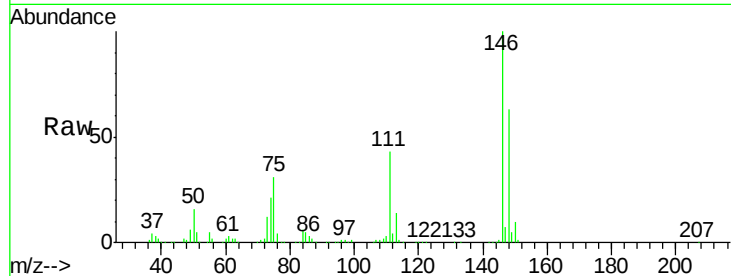
#91
 1,2-Dichlorobenzene
 Concen: 53.651 ug/l
 RT: 13.75 min Scan# 1970
 Delta R.T. 0.00 min
 Lab File: VY001934.D
 Acq: 11 Mar 2020 11:25

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	186175		
111	42.7	21.5	64.5	
148	63.0	32.0	96.0	

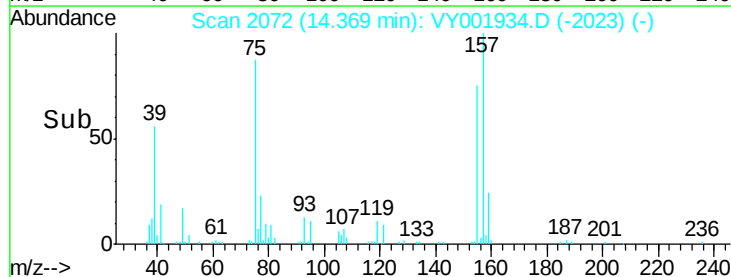
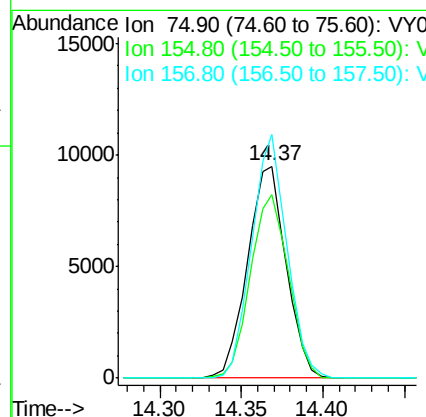
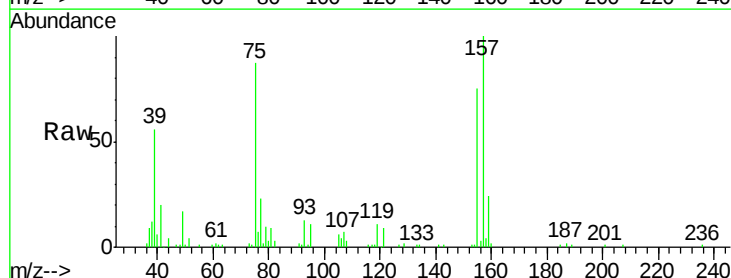
Manual Integrations
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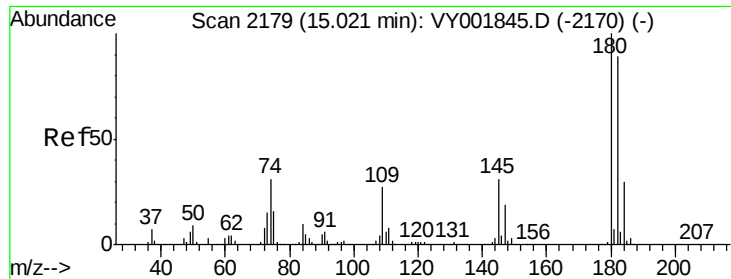
MMDadoda
 3/12/2020 2:46:10 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.661 ug/l
 RT: 14.37 min Scan# 2072
 Delta R.T. 0.00 min
 Lab File: VY001934.D
 Acq: 11 Mar 2020 11:25

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	15684		
155	85.1	42.9	128.7	
157	104.7	53.1	159.4	





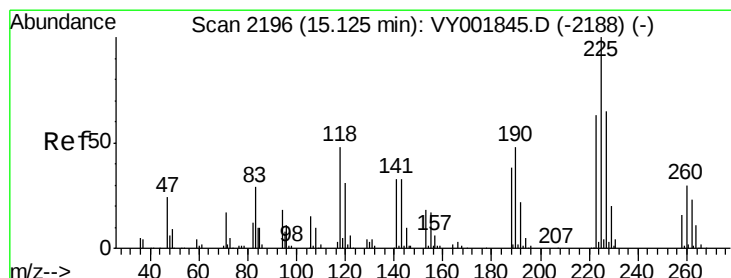
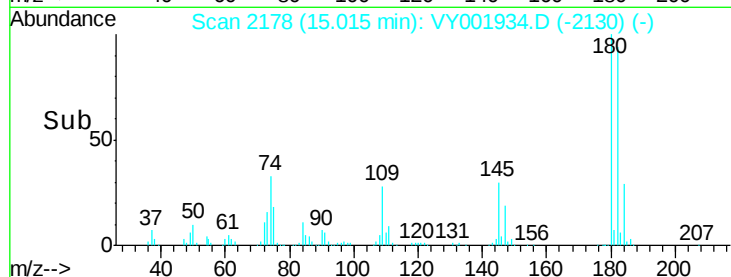
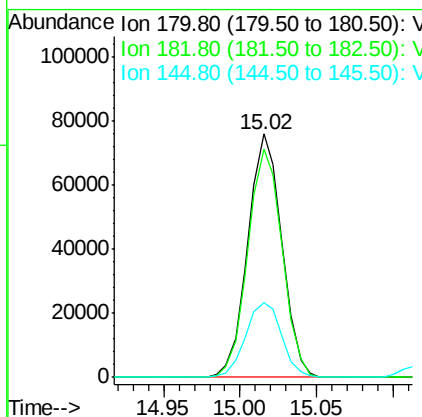
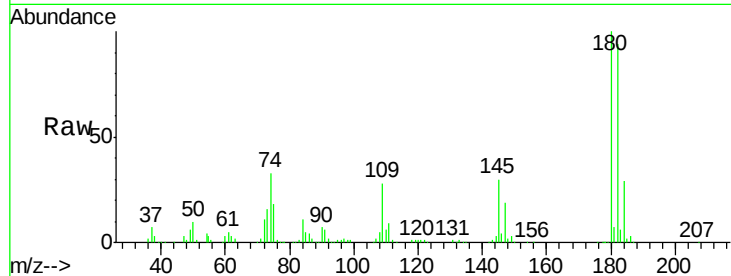
#93
1,2,4-Trichlorobenzene
Concen: 52.163 ug/l
RT: 15.02 min Scan# 2178
Delta R.T. -0.01 min
Lab File: VY001934.D
Acq: 11 Mar 2020 11:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	117388		
182	94.7	46.1	138.3	
145	32.3	15.6	46.8	

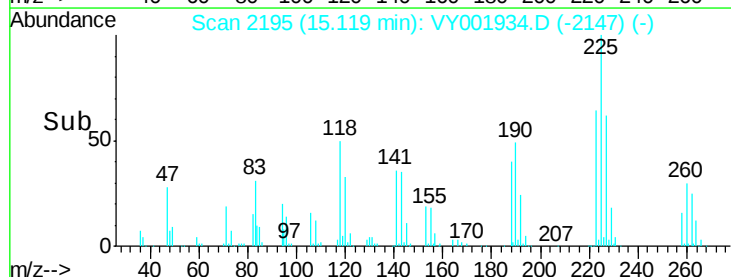
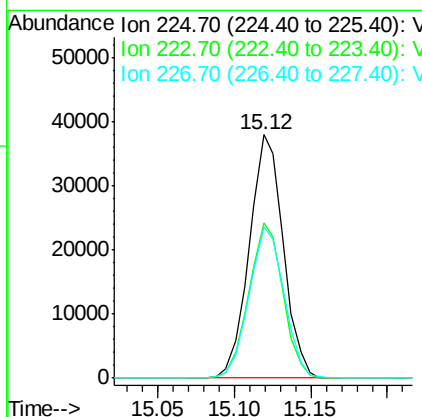
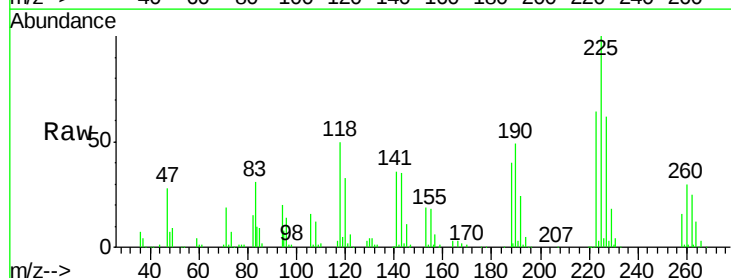
Manual Integrations
APPROVED

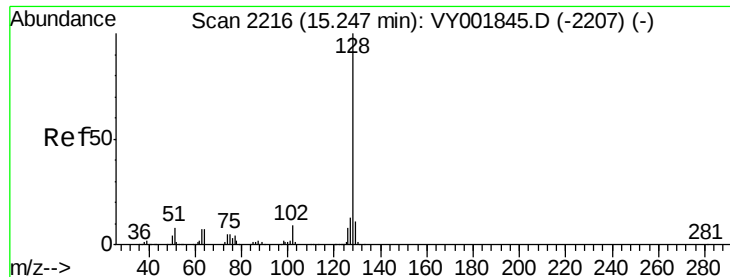
MMDadoda
3/12/2020 2:46:10 PM



#94
Hexachlorobutadiene
Concen: 53.427 ug/l
RT: 15.12 min Scan# 2195
Delta R.T. -0.01 min
Lab File: VY001934.D
Acq: 11 Mar 2020 11:25

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	58618		
223	64.0	31.5	94.5	
227	63.9	31.9	95.5	





#95

Naphthalene

Concen: 51.193 ug/l

RT: 15.25 min Scan# 2216

Delta R.T. 0.00 min

Lab File: VY001934.D

Acq: 11 Mar 2020 11:25

Instrument :

MSVOA_Y

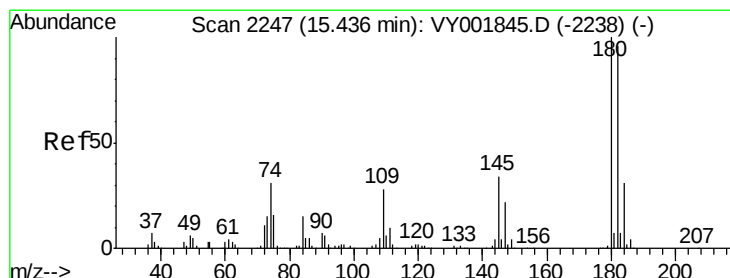
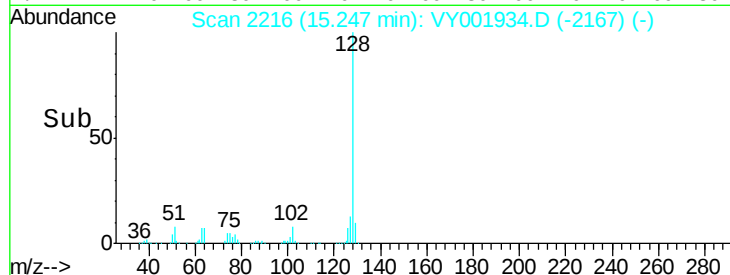
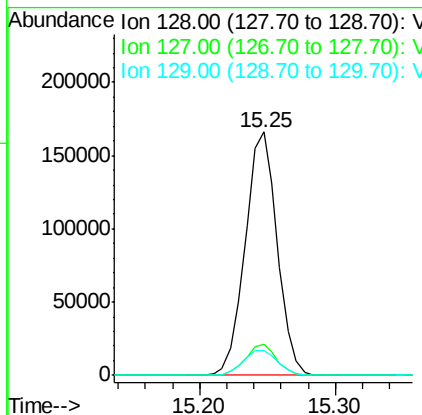
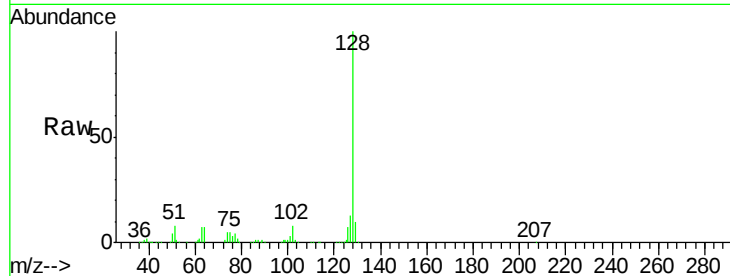
ClientSampleId :

VSTDCCC050

Tot Ion:	128	Resp:	273262
Ion Ratio	Lower	Upper	
128	100		
127	12.5	10.1	15.1
129	11.0	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
3/12/2020 2:46:10 PM



#96

1,2,3-Trichlorobenzene

Concen: 52.225 ug/l

RT: 15.44 min Scan# 2247

Delta R.T. 0.00 min

Lab File: VY001934.D

Acq: 11 Mar 2020 11:25

Tgt Ion:	180	Resp:	103535
Ion Ratio	Lower	Upper	
180	100		
182	93.0	47.6	142.9
145	34.0	16.8	50.3

