

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY012420\
 Data File : VY001397.D
 Acq On : 24 Jan 2020 20:43
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 1/27/2020 12:02:20 PM

Quant Time: Jan 25 05:04:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 01:21:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	198070	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	358825	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	322280	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	153123	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.17	65	115398	53.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.08%	
35) Dibromofluoromethane	7.75	113	105900	50.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.58%	
50) Toluene-d8	10.19	98	432641	52.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.76%	
62) 4-Bromofluorobenzene	12.49	95	164637	50.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	85782	54.918	ug/l	98
3) Chloromethane	2.13	50	130825	55.416	ug/l	100
4) Vinyl Chloride	2.27	62	134457	54.622	ug/l	97
5) Bromomethane	2.67	94	86618	52.248	ug/l	99
6) Chloroethane	2.82	64	85625	54.437	ug/l	99
7) Trichlorofluoromethane	3.15	101	171642	54.498	ug/l	98
8) Diethyl Ether	3.56	74	73057	54.949	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.94	101	113502	56.589	ug/l	99
10) Methyl Iodide	4.13	142	151367	57.220	ug/l	100
11) Tert butyl alcohol	5.00	59	63763	234.089	ug/l	97
12) 1,1-Dichloroethene	3.91	96	112449	53.471	ug/l	93
13) Acrolein	3.76	56	46043	290.097	ug/l	99
14) Allyl chloride	4.52	41	214254	57.129	ug/l	99
15) Acrylonitrile	5.21	53	192559	282.943	ug/l	99
16) Acetone	3.98	43	146166	257.675	ug/l	98
17) Carbon Disulfide	4.23	76	349122	52.785	ug/l	98
18) Methyl Acetate	4.52	43	99970	55.003	ug/l	98
19) Methyl tert-butyl Ether	5.26	73	349333	56.732	ug/l	100
20) Methylene Chloride	4.76	84	135316	50.921	ug/l	99
21) trans-1,2-Dichloroethene	5.26	96	131948	54.014	ug/l	95
22) Diisopropyl ether	6.16	45	460396	57.812	ug/l	92
23) Vinyl Acetate	6.10	43	1476400	285.564	ug/l	100
24) 1,1-Dichloroethane	6.06	63	239031	56.944	ug/l	96
25) 2-Butanone	7.02	43	247970	264.333	ug/l	100
26) 2,2-Dichloropropane	7.02	77	195723	52.346	ug/l	100
27) cis-1,2-Dichloroethene	7.02	96	153759	56.320	ug/l	99
28) Bromochloromethane	7.36	49	104791	60.534	ug/l	97
29) Tetrahydrofuran	7.38	42	173662	284.546	ug/l	98
30) Chloroform	7.53	83	233471	56.744	ug/l	97
31) Cyclohexane	7.82	56	221055	53.040	ug/l	99
32) 1,1,1-Trichloroethane	7.73	97	195752	56.347	ug/l	99
36) 1,1-Dichloropropene	7.94	75	183561	54.148	ug/l	100
37) Ethyl Acetate	7.11	43	116709	56.349	ug/l	100
38) Carbon Tetrachloride	7.93	117	163710	54.186	ug/l	99

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 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 01:21:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.20	83	237378	54.661	ug/l	99
40) Benzene	8.19	78	558619	54.957	ug/l	100
41) Methacrylonitrile	7.35	41	57572m	53.865	ug/l	
42) 1,2-Dichloroethane	8.27	62	157427	55.429	ug/l	100
43) Isopropyl Acetate	8.30	43	225858	56.080	ug/l	100
44) Trichloroethene	8.96	130	140037	53.687	ug/l	95
45) 1,2-Dichloropropane	9.24	63	144898	56.390	ug/l	99
46) Dibromomethane	9.32	93	74657	54.120	ug/l	97
47) Bromodichloromethane	9.51	83	184428	55.927	ug/l	100
48) Methyl methacrylate	9.31	41	101109	55.224	ug/l	99
49) 1,4-Dioxane	9.32	88	20680	1063.054	ug/l	92
51) 4-Methyl-2-Pentanone	10.08	43	578868	279.100	ug/l	100
52) Toluene	10.25	92	356003	55.251	ug/l	99
53) t-1,3-Dichloropropene	10.48	75	205833	56.313	ug/l	98
54) cis-1,3-Dichloropropene	9.94	75	234856	55.980	ug/l	97
55) 1,1,2-Trichloroethane	10.66	97	112771	55.386	ug/l	98
56) Ethyl methacrylate	10.52	69	174165	56.595	ug/l	98
57) 1,3-Dichloropropane	10.80	76	197714	55.744	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.80	63	256639	241.001	ug/l	99
59) 2-Hexanone	10.84	43	410385	284.221	ug/l	99
60) Dibromochloromethane	10.99	129	125324	55.033	ug/l	99
61) 1,2-Dibromoethane	11.10	107	107810	56.010	ug/l	100
64) Tetrachloroethene	10.73	164	111822	54.319	ug/l	97
65) Chlorobenzene	11.52	112	366717	53.983	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.60	131	127950	55.192	ug/l	99
67) Ethyl Benzene	11.60	91	680923	54.391	ug/l	99
68) m/p-Xylenes	11.71	106	506402	108.304	ug/l	100
69) o-Xylene	12.03	106	243462	54.126	ug/l	98
70) Styrene	12.05	104	435295	55.156	ug/l	100
71) Bromoform	12.22	173	74614	53.917	ug/l #	100
73) Isopropylbenzene	12.34	105	659751	54.603	ug/l	99
74) N-amyl acetate	12.15	43	221651	56.042	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.59	83	142770	55.173	ug/l	98
76) 1,2,3-Trichloropropane	12.64	75	104363m	56.561	ug/l	
77) Bromobenzene	12.61	156	144213	53.887	ug/l	96
78) n-propylbenzene	12.68	91	802514	55.181	ug/l	99
79) 2-Chlorotoluene	12.76	91	461749	55.577	ug/l	98
80) 1,3,5-Trimethylbenzene	12.82	105	557634	55.290	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.39	75	54768	56.171	ug/l	95
82) 4-Chlorotoluene	12.86	91	485974	54.760	ug/l	100
83) tert-Butylbenzene	13.08	119	469422	55.216	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	552997	54.613	ug/l	100
85) sec-Butylbenzene	13.26	105	670074	55.475	ug/l	100
86) p-Isopropyltoluene	13.38	119	587942	55.235	ug/l	99
87) 1,3-Dichlorobenzene	13.37	146	278543	54.043	ug/l	98
88) 1,4-Dichlorobenzene	13.45	146	281319	53.756	ug/l	99
89) n-Butylbenzene	13.70	91	600364	56.043	ug/l	98
90) Hexachloroethane	13.97	117	113071	56.041	ug/l	97
91) 1,2-Dichlorobenzene	13.74	146	261210	54.953	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	23738	53.162	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	167326	52.449	ug/l	99
94) Hexachlorobutadiene	15.11	225	81229	52.292	ug/l	99
95) Naphthalene	15.24	128	408840	56.045	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	148850	53.189	ug/l	98

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

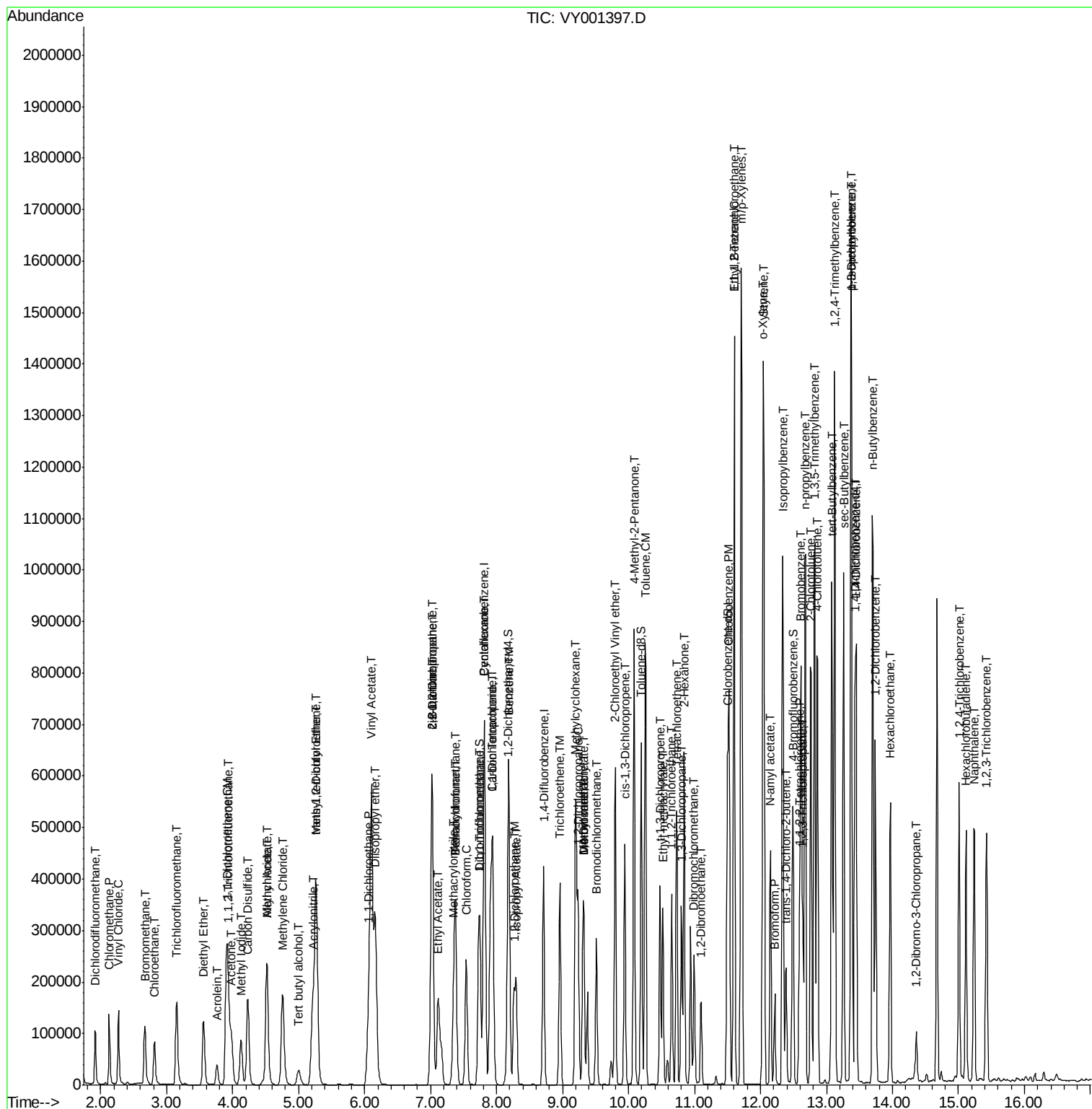
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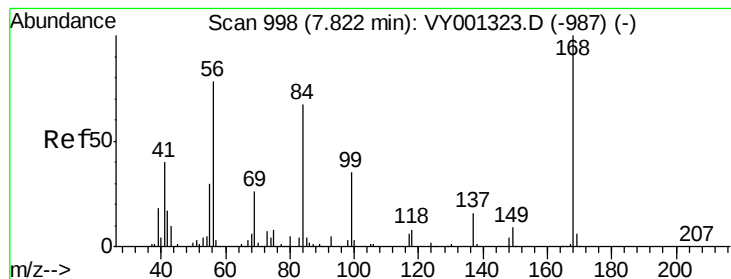
Instrument :
MSVOA_Y
Client Sample Id :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 998

Delta R.T. -0.00 min

Lab File: VY001397.D

Acq: 24 Jan 2020 20:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 198070

Ion Ratio Lower Upper

168 100

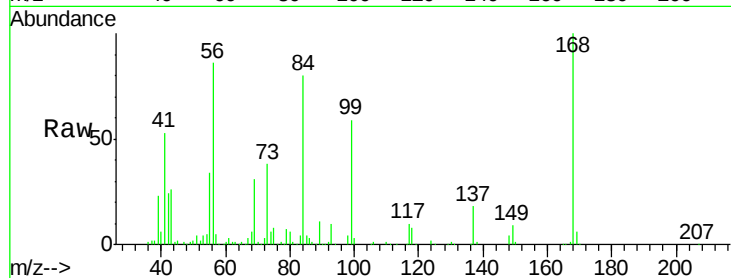
99 58.9 44.3 66.5

Manual Integrations

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1/27/2020 12:02:20 PM



Abundance Ion 167.90 (167.60 to 168.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

7.82

80000

60000

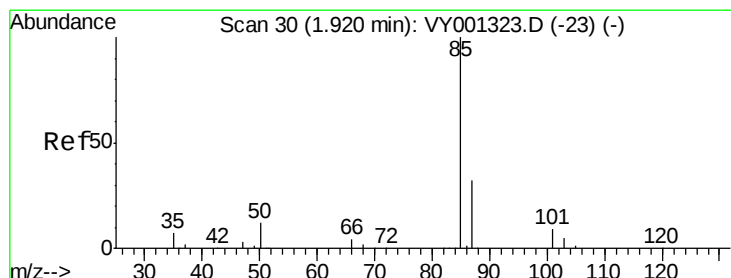
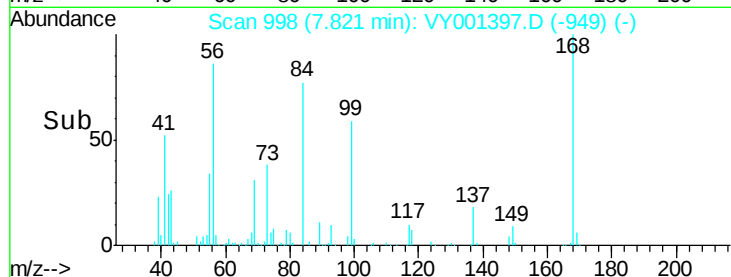
40000

20000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 54.918 ug/l

RT: 1.91 min Scan# 29

Delta R.T. -0.01 min

Lab File: VY001397.D

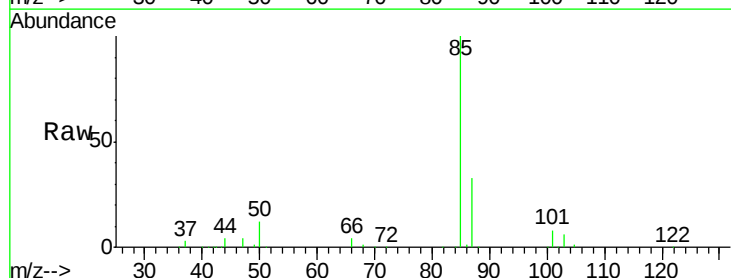
Acq: 24 Jan 2020 20:43

Tgt Ion: 85 Resp: 85782

Ion Ratio Lower Upper

85 100

87 32.8 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VY0

Ion 86.90 (86.60 to 87.60): VY0

1.91

60000

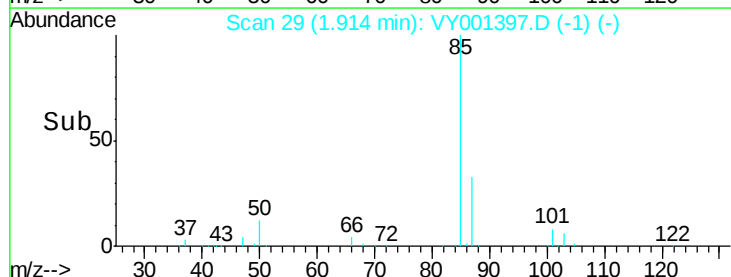
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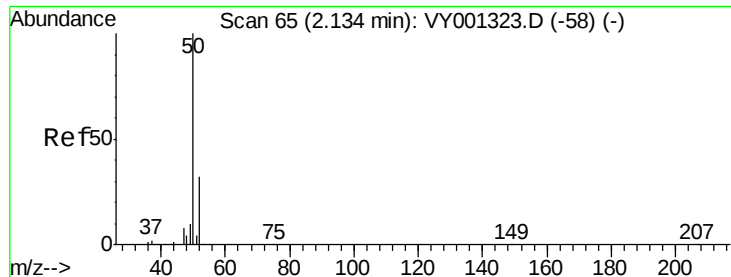
20000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 55.416 ug/l

RT: 2.13 min Scan# 64

Delta R.T. -0.01 min

Lab File: VY001397.D

Acq: 24 Jan 2020 20:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 130825

Ion Ratio Lower Upper

50 100

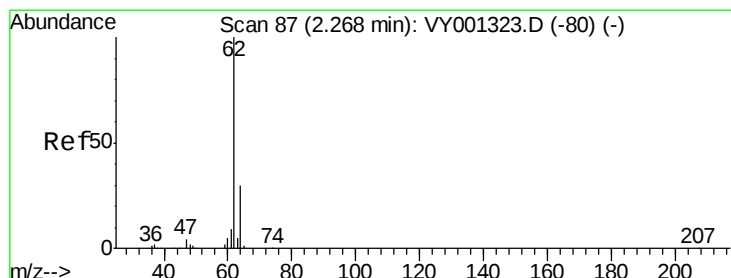
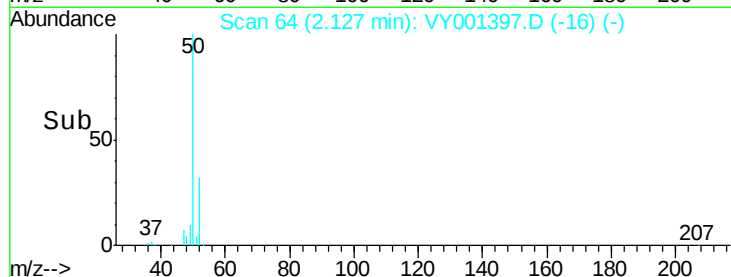
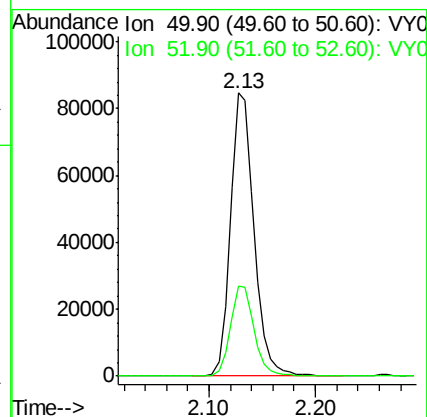
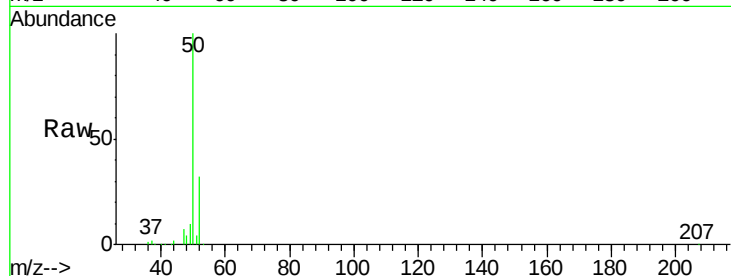
52 31.9 25.7 38.5

Manual Integrations

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#4

Vinyl Chloride

Concen: 54.622 ug/l

RT: 2.27 min Scan# 87

Delta R.T. -0.00 min

Lab File: VY001397.D

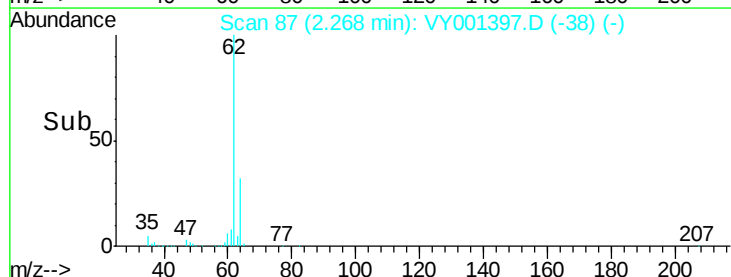
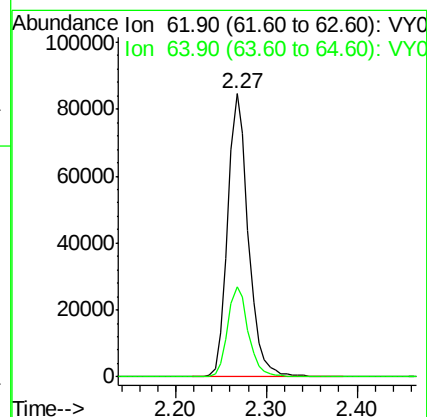
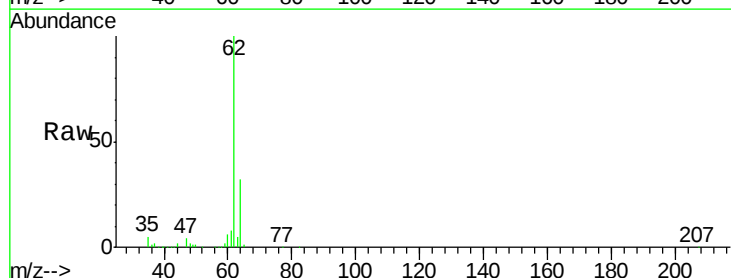
Acq: 24 Jan 2020 20:43

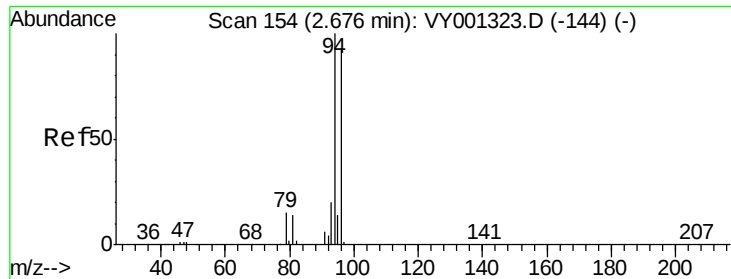
Tgt Ion: 62 Resp: 134457

Ion Ratio Lower Upper

62 100

64 31.7 23.9 35.9





#5

Bromomethane

Concen: 52.248 ug/l

RT: 2.67 min Scan# 153

Delta R.T. -0.01 min

Lab File: VY001397.D

Acq: 24 Jan 2020 20:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 86618

Ion Ratio Lower Upper

94 100

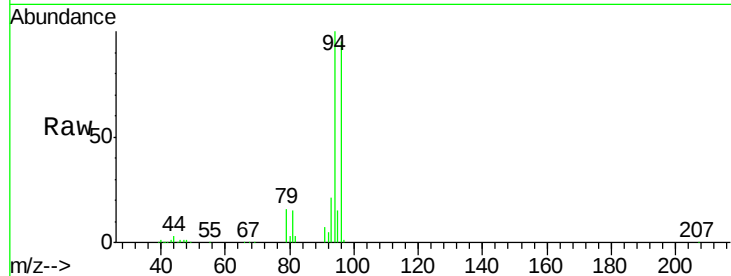
96 94.6 74.6 111.8

Manual Integrations

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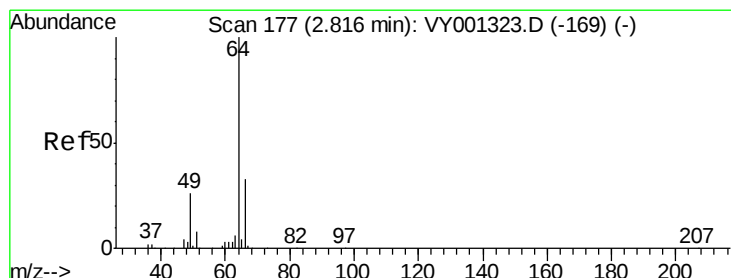
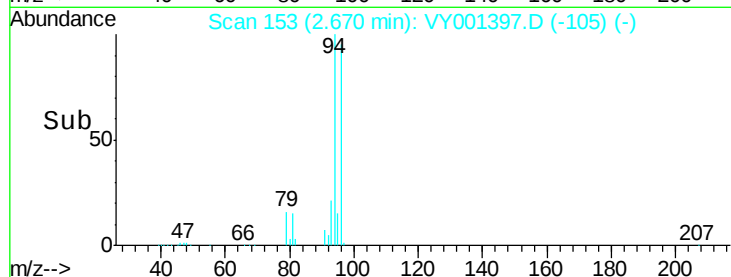
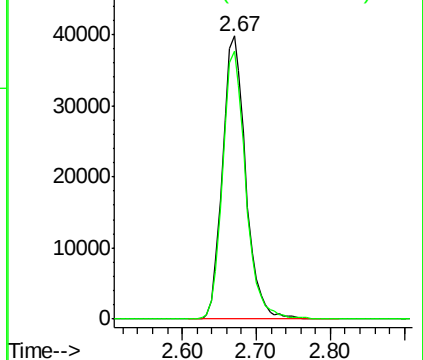
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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 54.437 ug/l

RT: 2.82 min Scan# 177

Delta R.T. -0.00 min

Lab File: VY001397.D

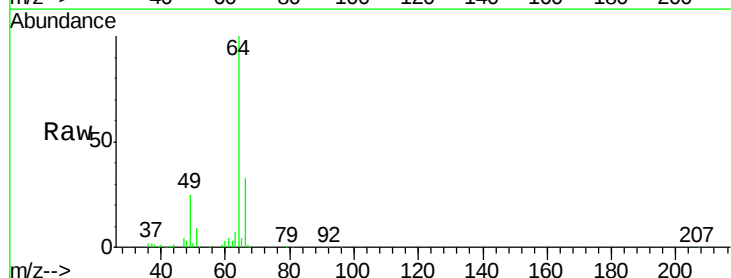
Acq: 24 Jan 2020 20:43

Tgt Ion: 64 Resp: 85625

Ion Ratio Lower Upper

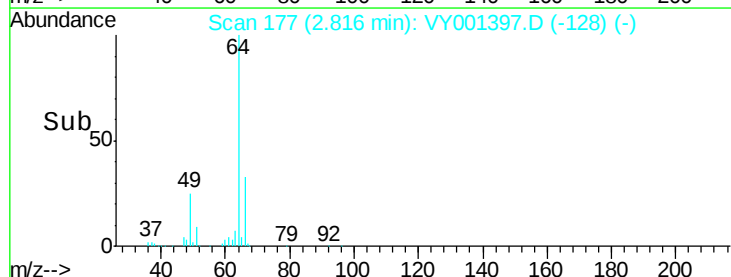
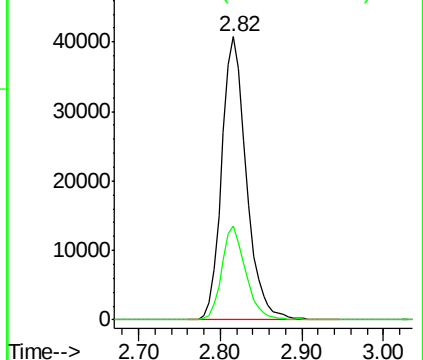
64 100

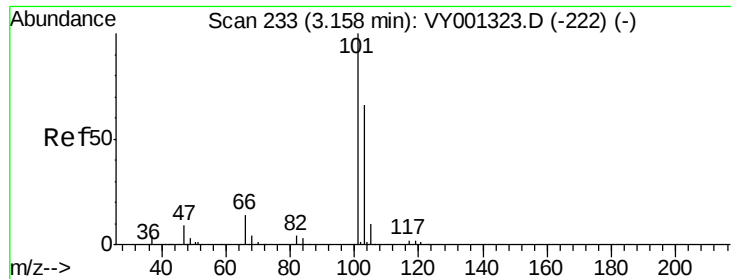
66 33.0 26.8 40.2



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

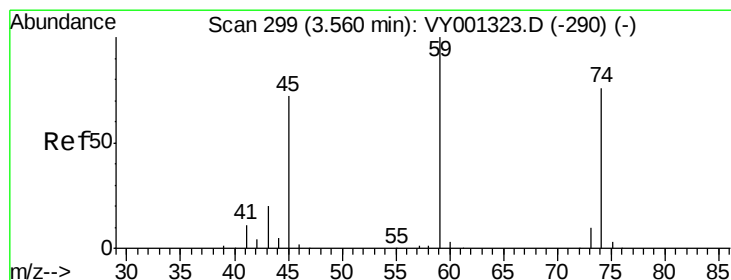
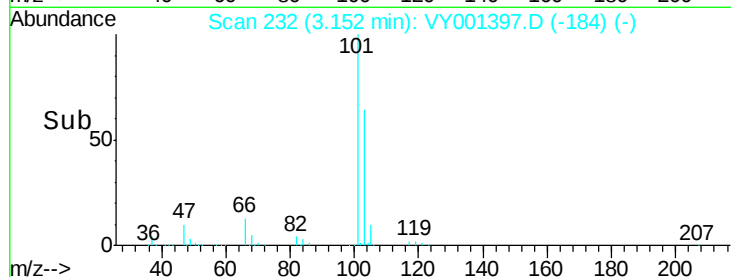
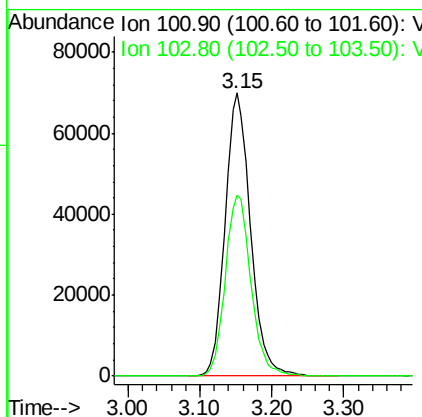
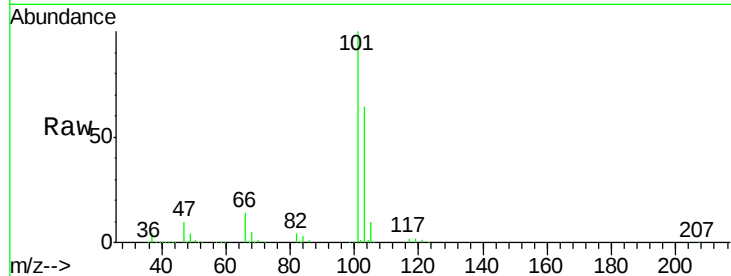
Trichlorofluoromethane
Concen: 54.498 ug/l
RT: 3.15 min Scan# 232
Delta R.T. -0.01 min
Lab File: VY001397.D
Acq: 24 Jan 2020 20:43

Instrument :
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VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.0	52.5	78.7

Manual Integrations
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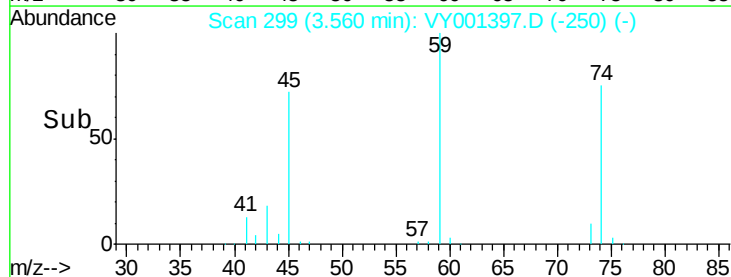
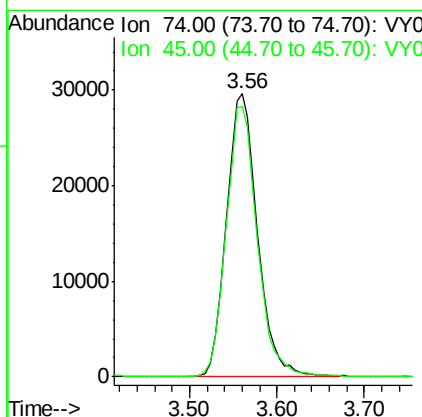
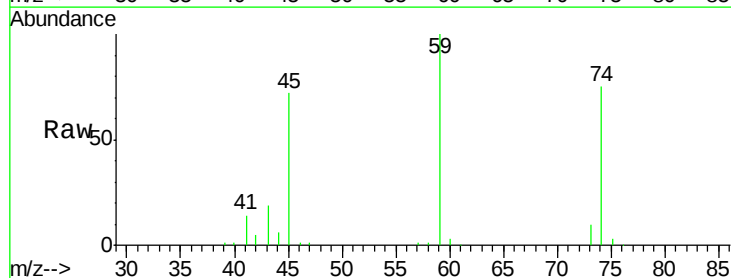
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#8

Diethyl Ether
Concen: 54.949 ug/l
RT: 3.56 min Scan# 299
Delta R.T. -0.00 min
Lab File: VY001397.D
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Tgt Ion	Ratio	Lower	Upper
74	100		
45	96.1	47.2	141.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 56.589 ug/l

RT: 3.94 min Scan# 361

Delta R.T. -0.00 min

Lab File: VY001397.D

Acq: 24 Jan 2020 20:43

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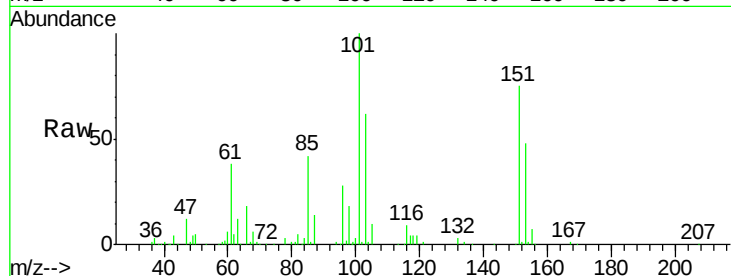
ClientSampleId :

VSTDCCC050EC

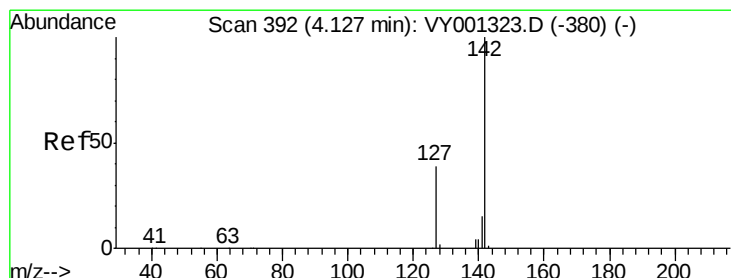
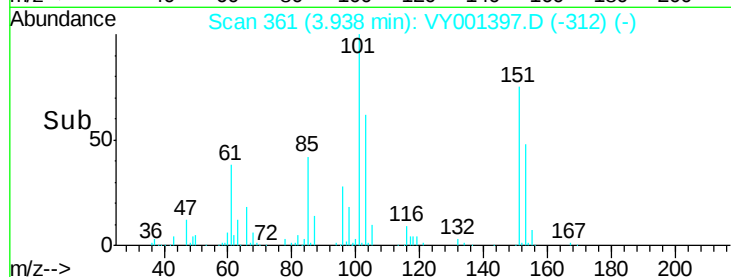
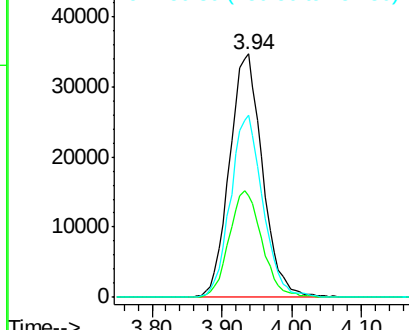
Tot Ion:	101	Resp:	113502
Ion Ratio	Lower	Upper	
101	100		
85	43.6	34.9	52.3
151	73.8	59.9	89.9

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Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): VY0
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 57.220 ug/l

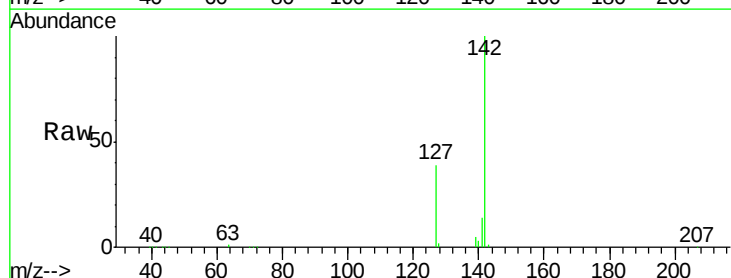
RT: 4.13 min Scan# 392

Delta R.T. -0.00 min

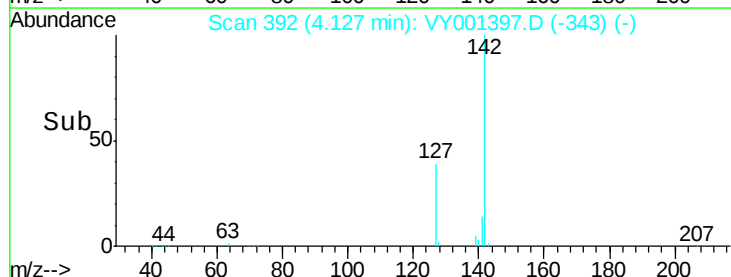
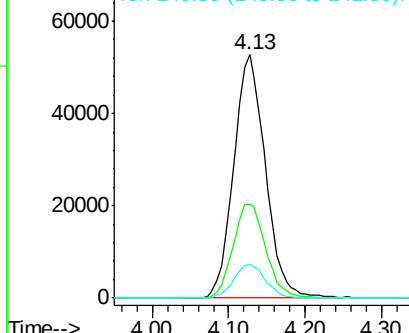
Lab File: VY001397.D

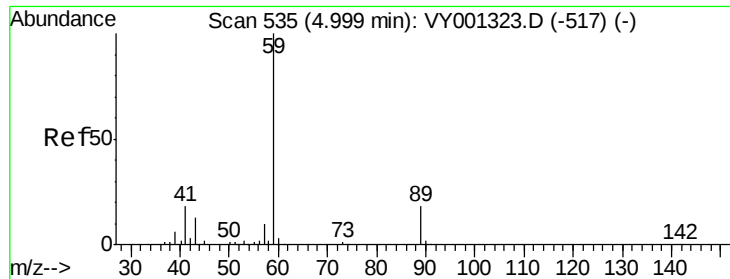
Acq: 24 Jan 2020 20:43

Tgt Ion:	142	Resp:	151367
Ion Ratio	Lower	Upper	
142	100		
127	39.7	31.6	47.4
141	14.0	11.2	16.8



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





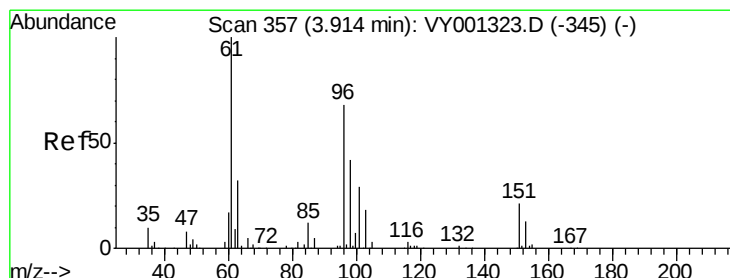
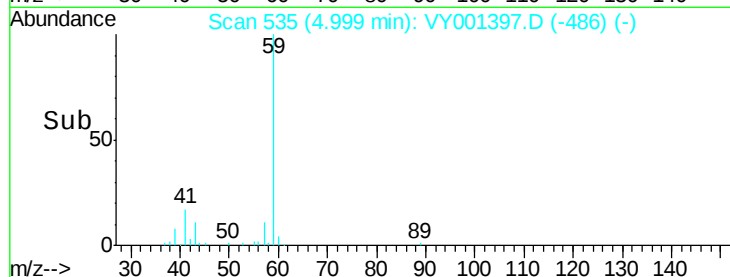
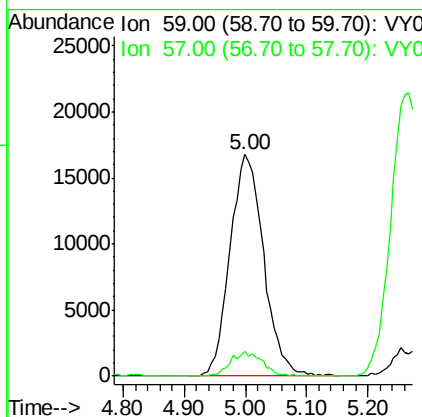
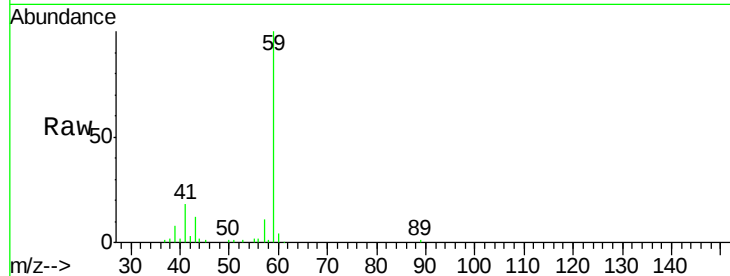
#11
Tert butyl alcohol
Concen: 234.089 ug/l
RT: 5.00 min Scan# 535
Delta R.T. -0.00 min
Lab File: VY001397.D
Acq: 24 Jan 2020 20:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 59 Resp: 63763
Ion Ratio Lower Upper
59 100
57 10.5 7.4 11.2

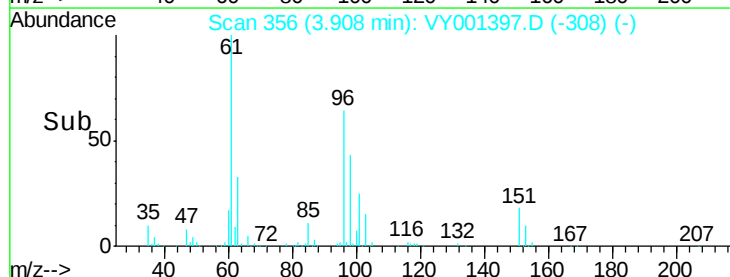
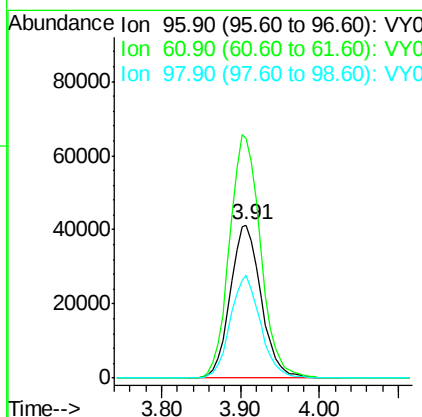
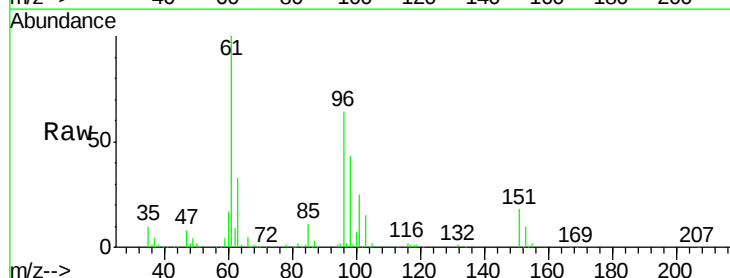
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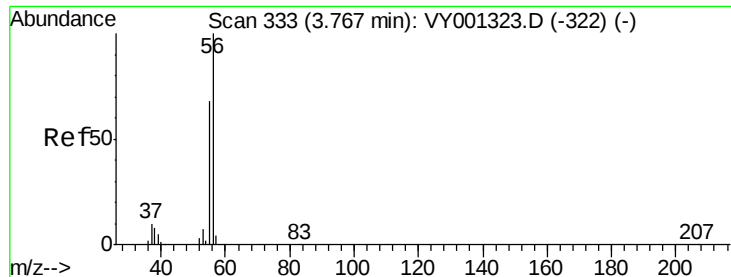
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#12
1,1-Dichloroethene
Concen: 53.471 ug/l
RT: 3.91 min Scan# 356
Delta R.T. -0.01 min
Lab File: VY001397.D
Acq: 24 Jan 2020 20:43

Tgt Ion: 96 Resp: 112449
Ion Ratio Lower Upper
96 100
61 156.2 118.0 177.0
98 67.3 49.4 74.2





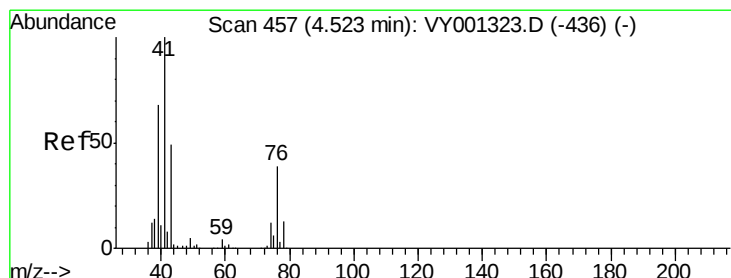
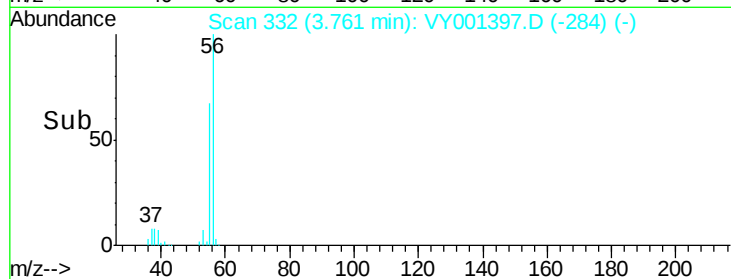
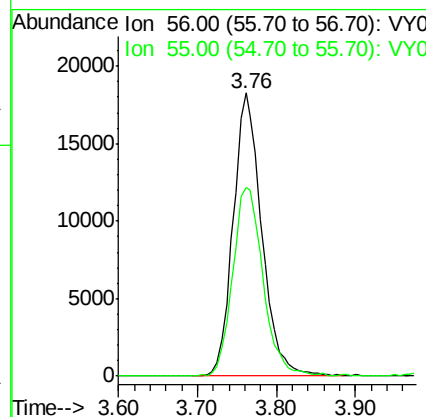
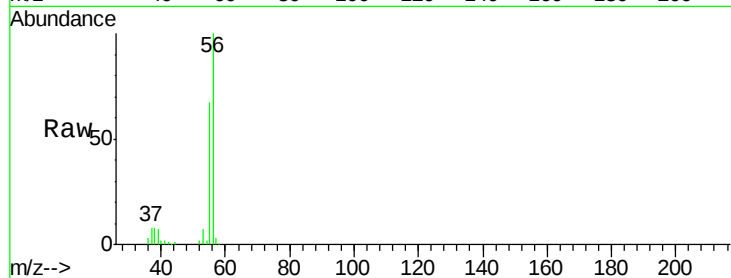
#13
Acrolein
Concen: 290.097 ug/l
RT: 3.76 min Scan# 332
Delta R.T. -0.01 min
Lab File: VY001397.D
Acq: 24 Jan 2020 20:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	56	Resp	46043
Ion Ratio	Lower	Upper	
56	100		
55	70.8	55.9	83.9

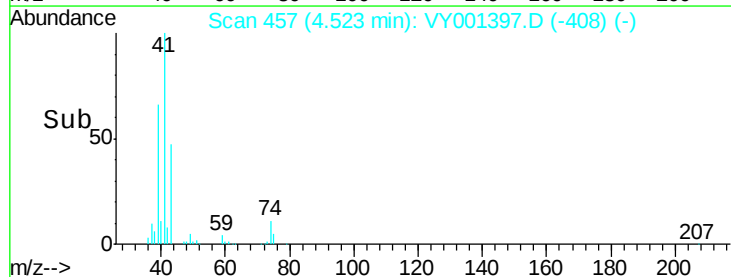
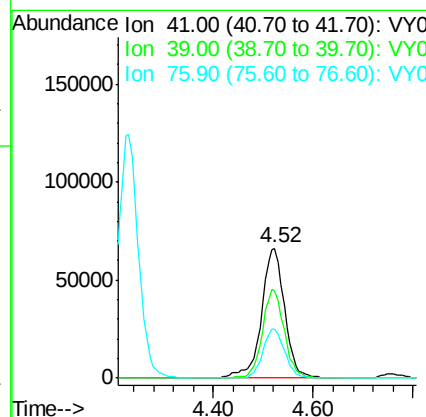
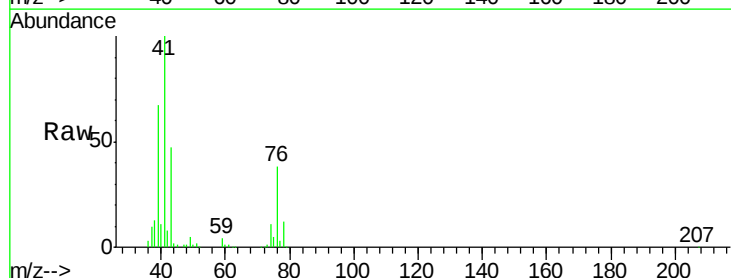
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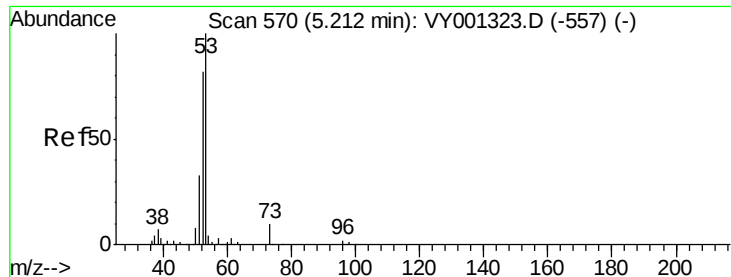
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#14
Allyl chloride
Concen: 57.129 ug/l
RT: 4.52 min Scan# 457
Delta R.T. -0.00 min
Lab File: VY001397.D
Acq: 24 Jan 2020 20:43

Tgt Ion	41	Resp	214254
Ion Ratio	Lower	Upper	
41	100		
39	64.5	52.2	78.4
76	35.5	29.1	43.7





#15

Acrylonitrile

Concen: 282.943 ug/l

RT: 5.21 min Scan# 570

Delta R.T. -0.00 min

Lab File: VY001397.D

Acq: 24 Jan 2020 20:43

Instrument :

MSVOA_Y

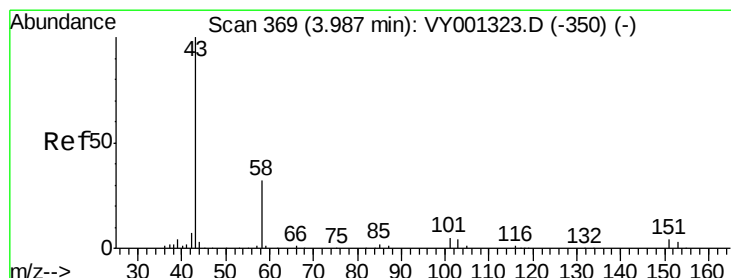
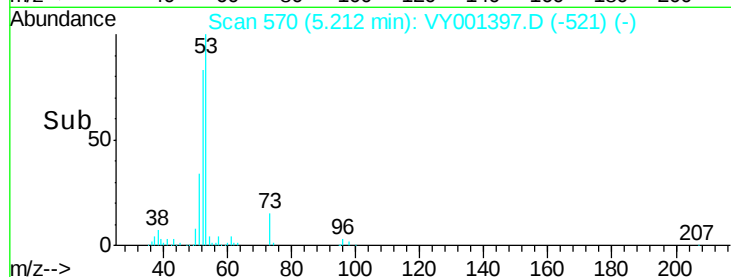
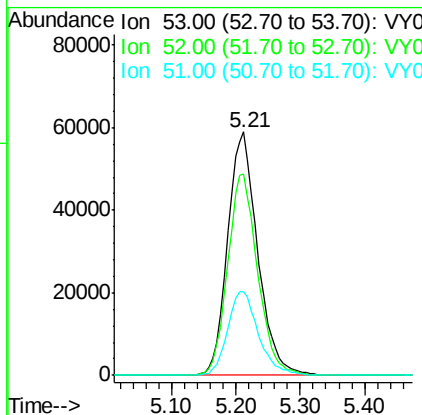
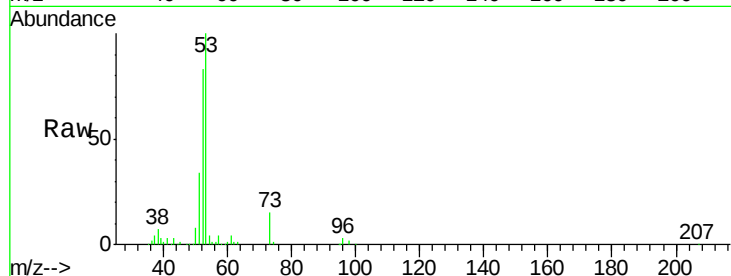
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	192559
Ion	Ratio	Lower	Upper
53	100		
52	82.4	65.3	97.9
51	35.6	28.4	42.6

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#16

Acetone

Concen: 257.675 ug/l

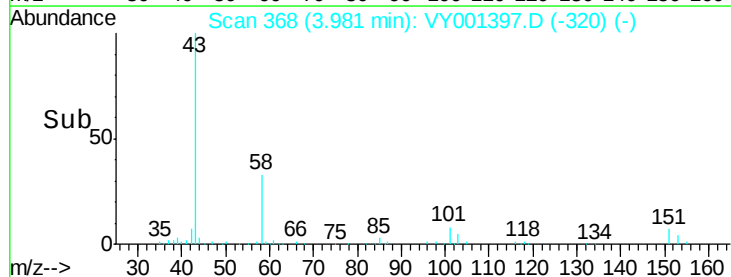
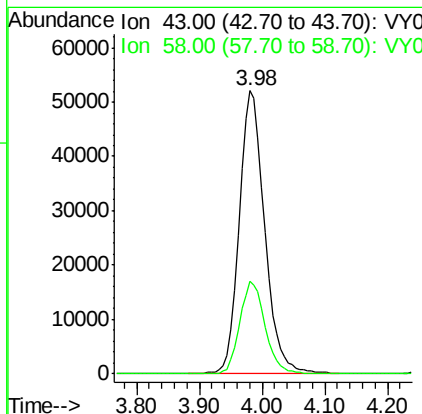
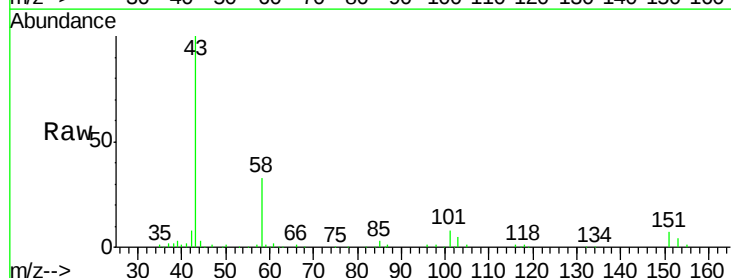
RT: 3.98 min Scan# 368

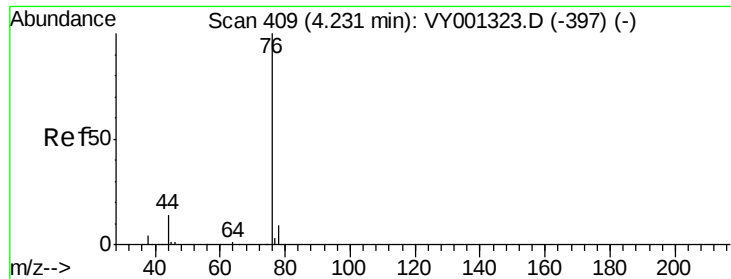
Delta R.T. -0.01 min

Lab File: VY001397.D

Acq: 24 Jan 2020 20:43

Tgt Ion:	43	Resp:	146166
Ion	Ratio	Lower	Upper
43	100		
58	32.7	25.4	38.0





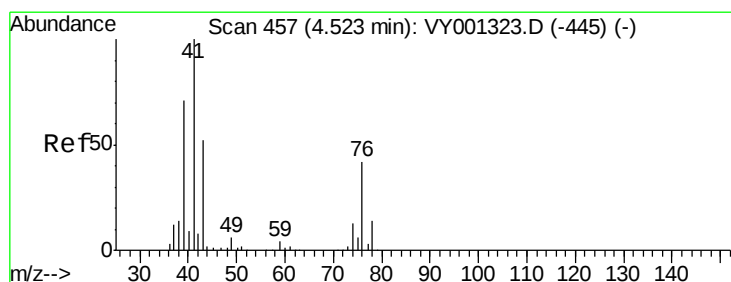
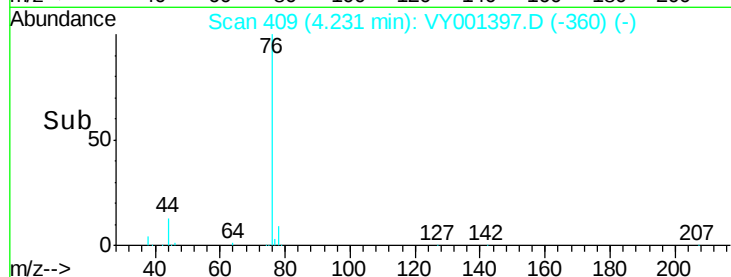
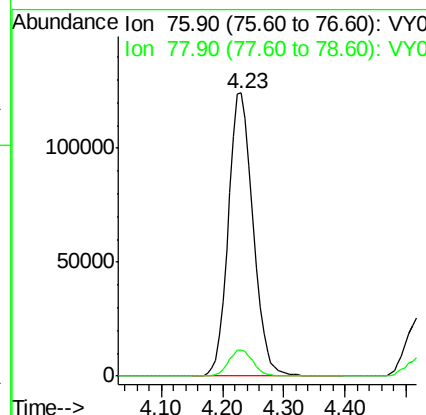
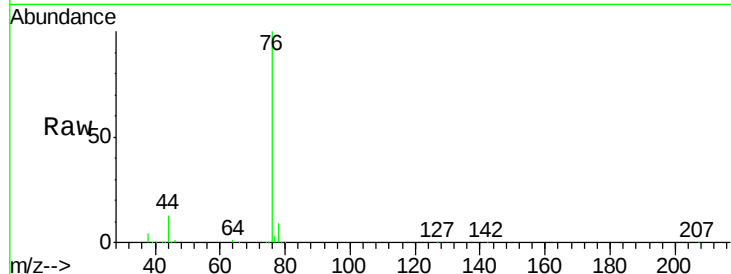
#17
Carbon Disulfide
Concen: 52.785 ug/l
RT: 4.23 min Scan# 409
Delta R.T. -0.00 min
Lab File: VY001397.D
Acq: 24 Jan 2020 20:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.4	7.0	10.6

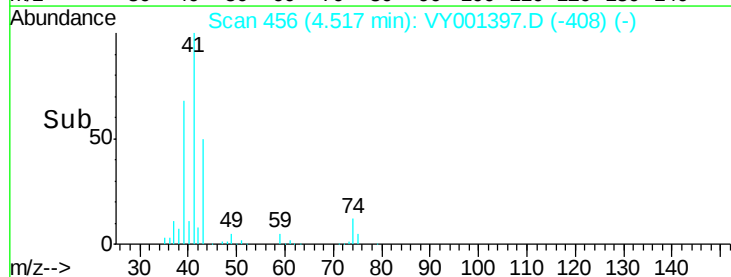
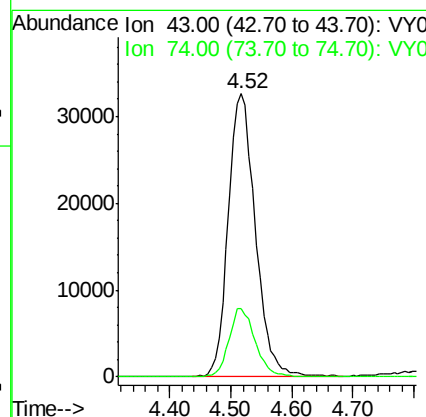
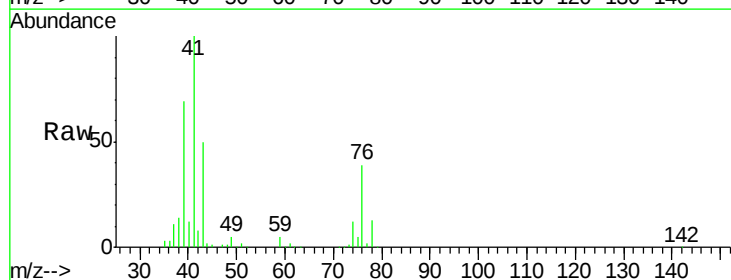
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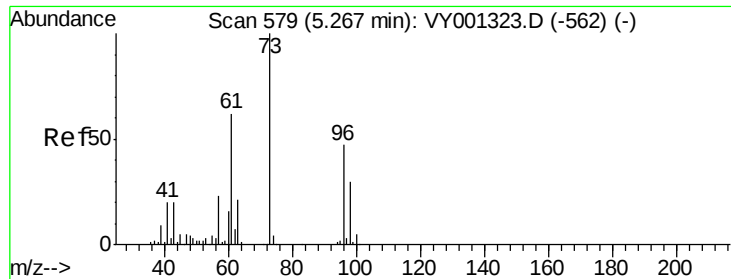
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#18
Methyl Acetate
Concen: 55.003 ug/l
RT: 4.52 min Scan# 456
Delta R.T. -0.01 min
Lab File: VY001397.D
Acq: 24 Jan 2020 20:43

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.3	19.4	29.2





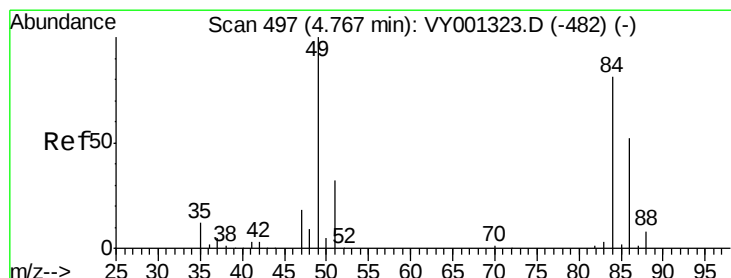
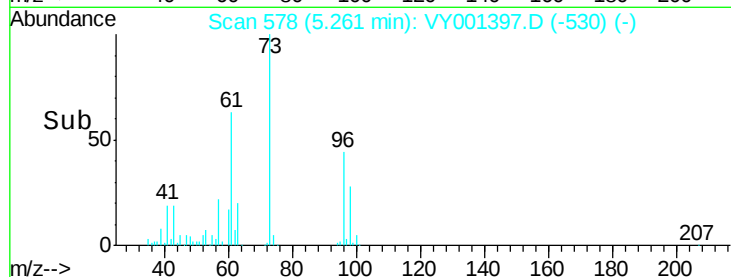
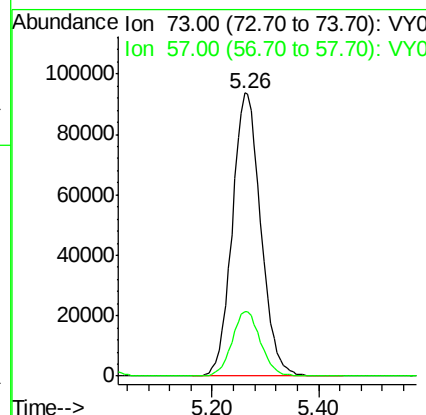
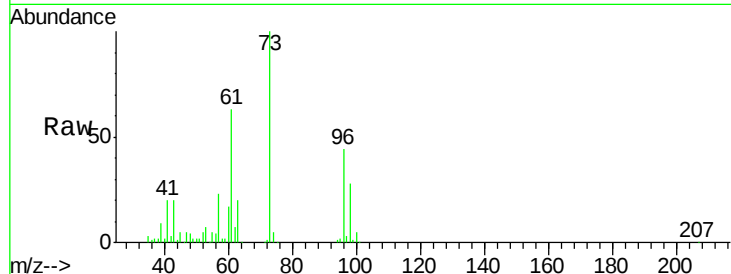
#19
Methvl tert-butvl Ether
Concen: 56.732 ug/l
RT: 5.26 min Scan# 578
Delta R.T. -0.01 min
Lab File: VY001397.D
Acq: 24 Jan 2020 20:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 349333
Ion Ratio Lower Upper
73 100
57 22.7 18.2 27.2

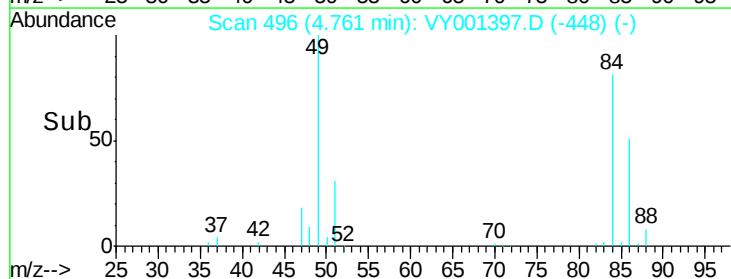
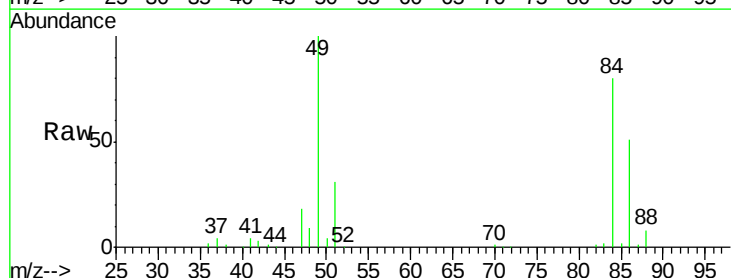
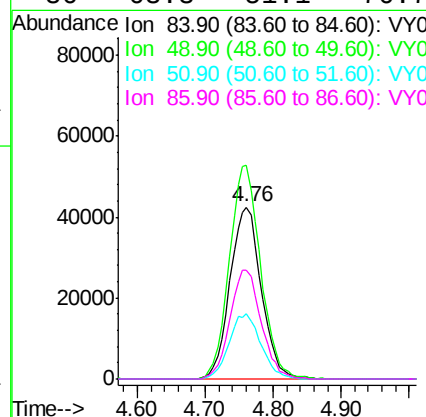
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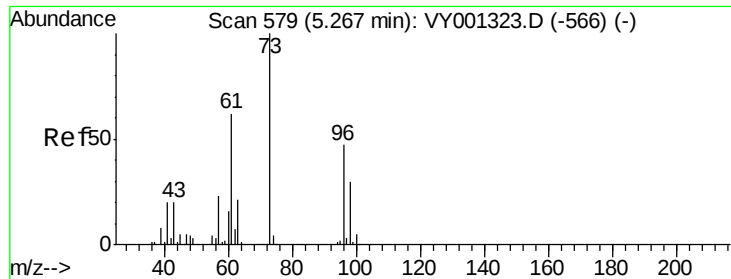
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#20
Methylene Chloride
Concen: 50.921 ug/l
RT: 4.76 min Scan# 496
Delta R.T. -0.01 min
Lab File: VY001397.D
Acq: 24 Jan 2020 20:43

Tgt Ion: 84 Resp: 135316
Ion Ratio Lower Upper
84 100
49 124.3 98.3 147.5
51 38.2 31.6 47.4
86 63.3 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 54.014 ug/l

RT: 5.26 min Scan# 578

Delta R.T. -0.01 min

Lab File: VY001397.D

Acq: 24 Jan 2020 20:43

Instrument :

MSVOA_Y

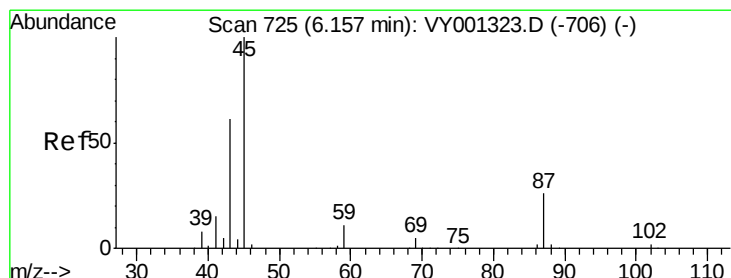
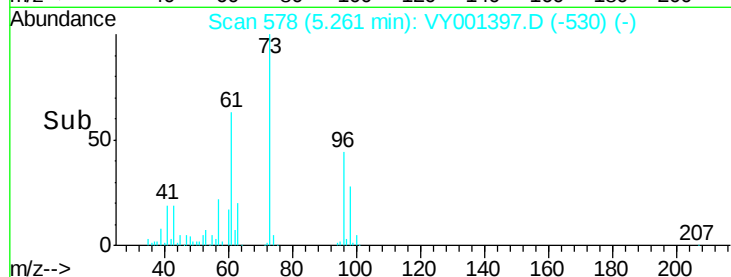
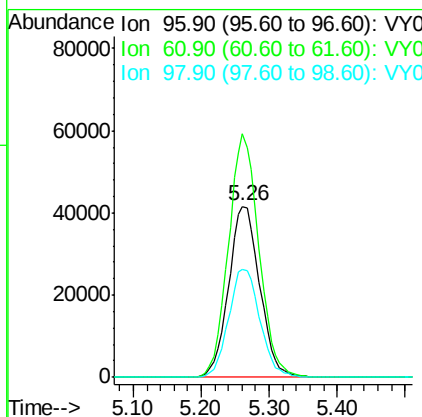
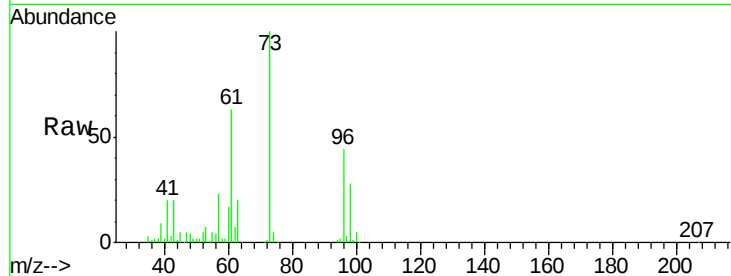
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	131948
Ion	Ratio	Lower	Upper
96	100		
61	142.3	106.8	160.2
98	63.4	51.0	76.6

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#22

Diisopropyl ether

Concen: 57.812 ug/l

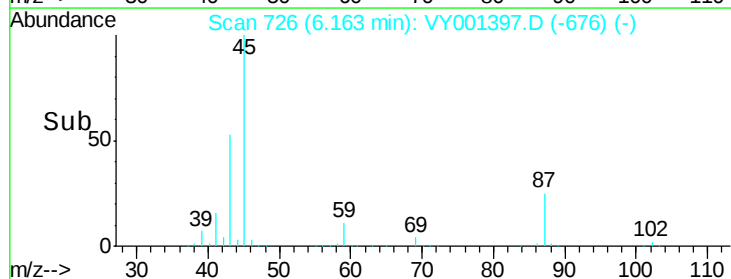
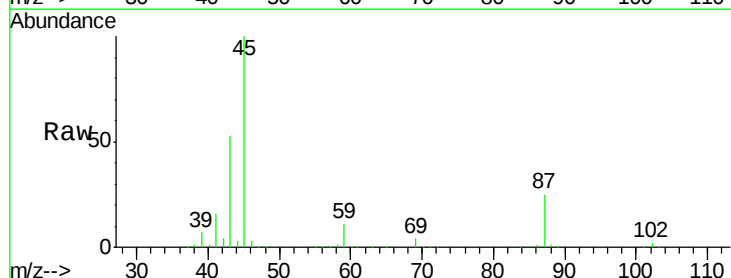
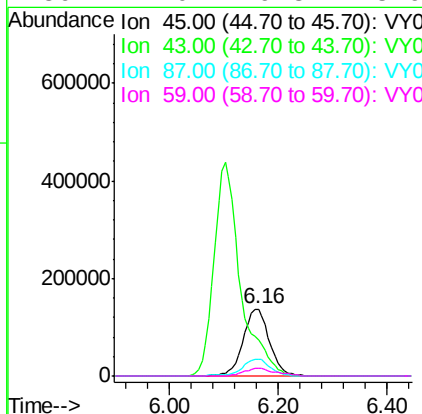
RT: 6.16 min Scan# 726

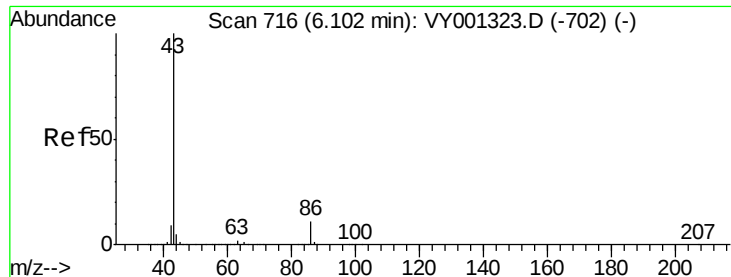
Delta R.T. 0.01 min

Lab File: VY001397.D

Acq: 24 Jan 2020 20:43

Tgt Ion:	45	Resp:	460396
Ion	Ratio	Lower	Upper
45	100		
43	53.2	49.2	73.8
87	25.1	21.4	32.2
59	11.0	9.3	13.9





#23

Vinyl Acetate

Concen: 285.564 ug/l

RT: 6.10 min Scan# 716

Delta R.T. -0.00 min

Lab File: VY001397.D

Acq: 24 Jan 2020 20:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1476400

Ion Ratio Lower Upper

43 100

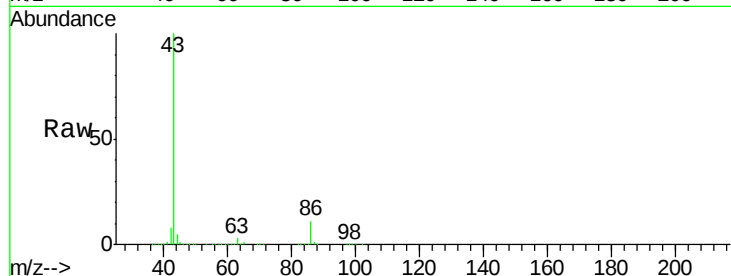
86 10.7 8.6 13.0

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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

6.10

400000

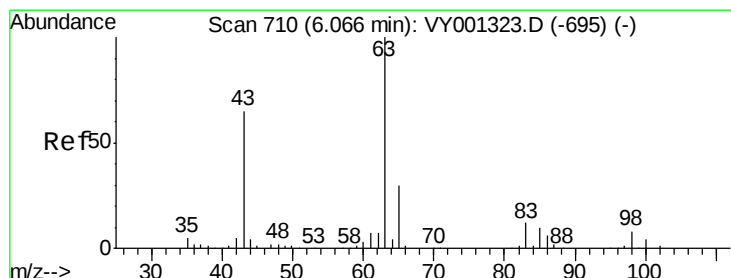
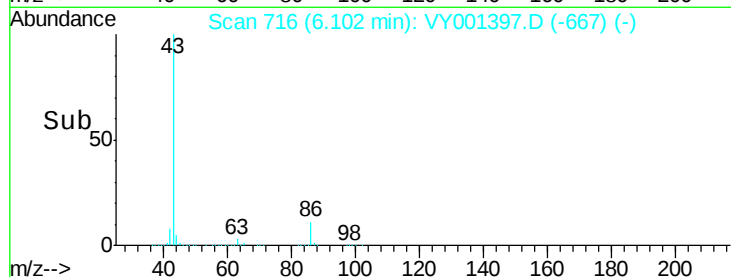
300000

200000

100000

0

Time--> 5.90 6.00 6.10 6.20 6.30



#24

1,1-Dichloroethane

Concen: 56.944 ug/l

RT: 6.06 min Scan# 709

Delta R.T. -0.01 min

Lab File: VY001397.D

Acq: 24 Jan 2020 20:43

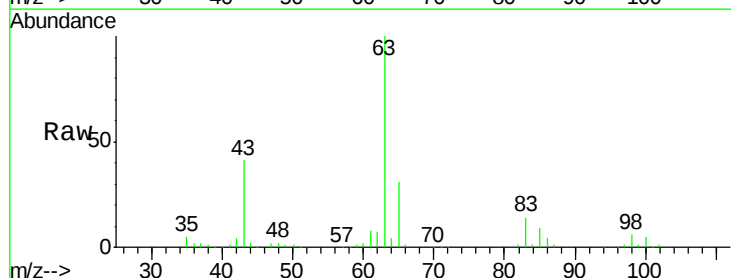
Tgt Ion: 63 Resp: 239031

Ion Ratio Lower Upper

63 100

98 6.3 4.0 12.0

100 4.6 2.1 6.3



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0

6.06

100000

80000

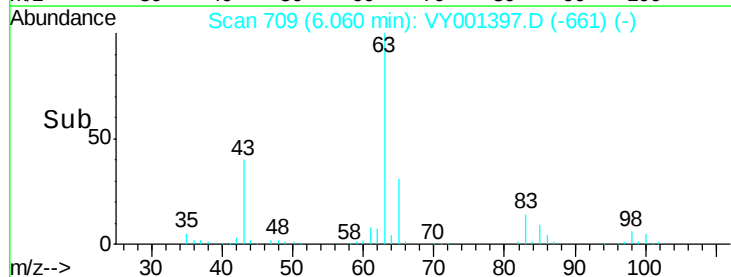
60000

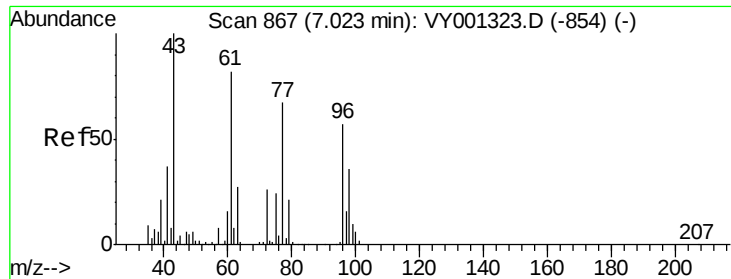
40000

20000

0

Time--> 5.90 6.00 6.10 6.20





#25

2-Butanone

Concen: 264.333 ug/l

RT: 7.02 min Scan# 867

Delta R.T. -0.00 min

Lab File: VY001397.D

Acq: 24 Jan 2020 20:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 247970

Ion Ratio Lower Upper

43 100

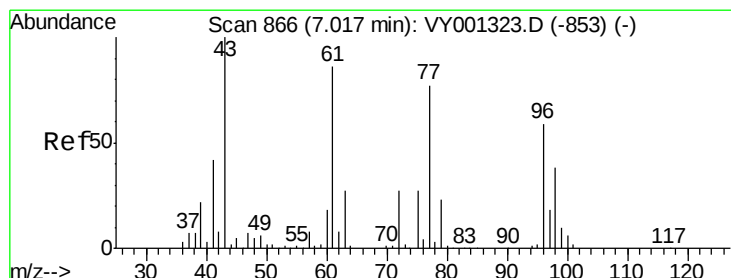
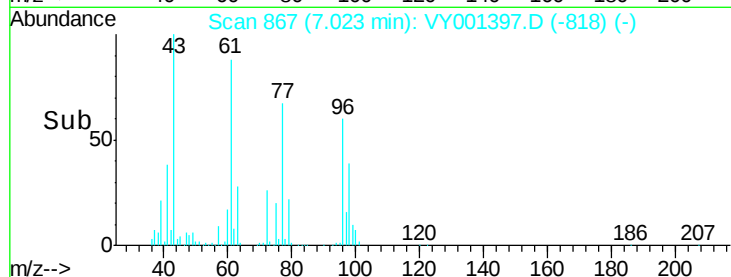
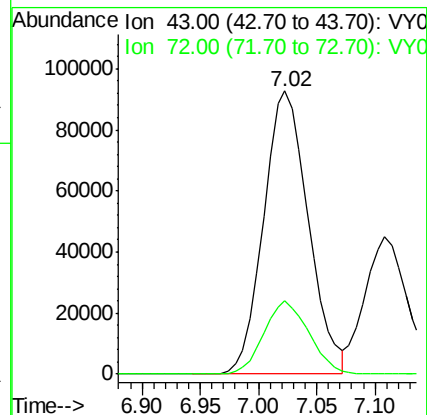
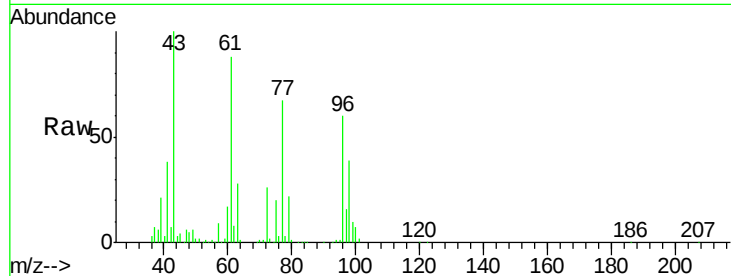
72 26.0 20.6 31.0

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 52.346 ug/l

RT: 7.02 min Scan# 866

Delta R.T. -0.00 min

Lab File: VY001397.D

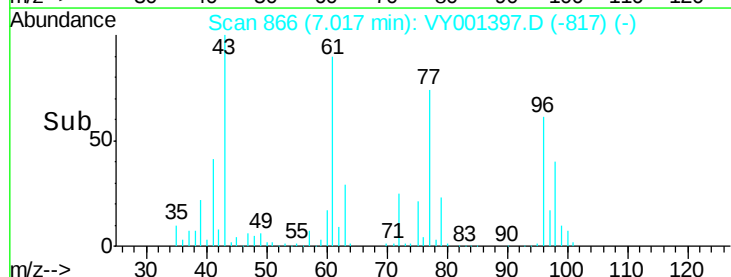
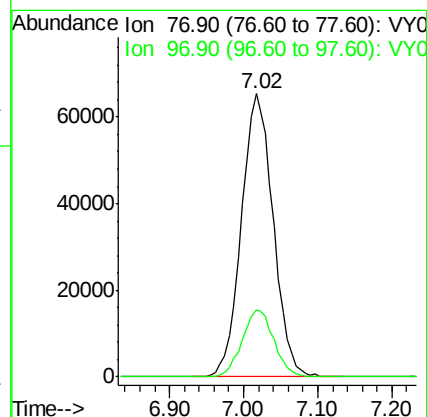
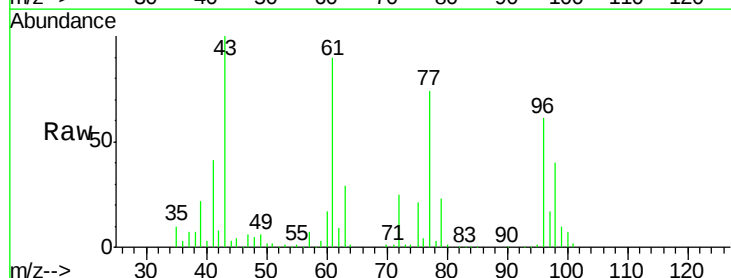
Acq: 24 Jan 2020 20:43

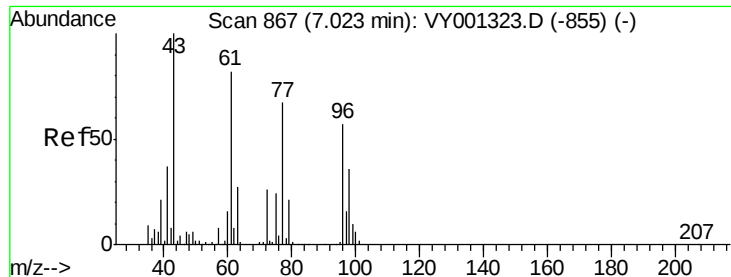
Tgt Ion: 77 Resp: 195723

Ion Ratio Lower Upper

77 100

97 23.6 11.9 35.5





#27

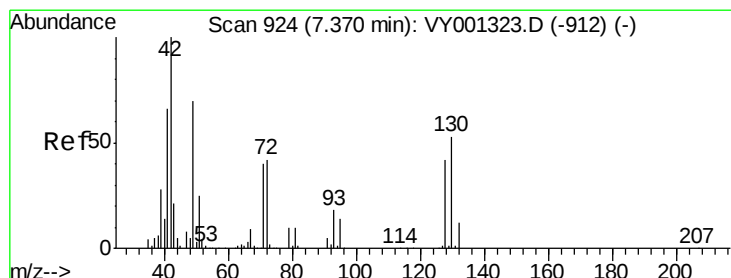
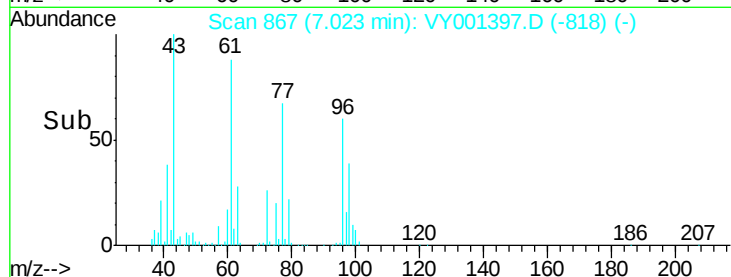
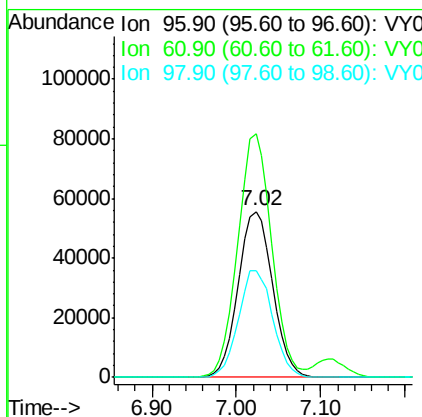
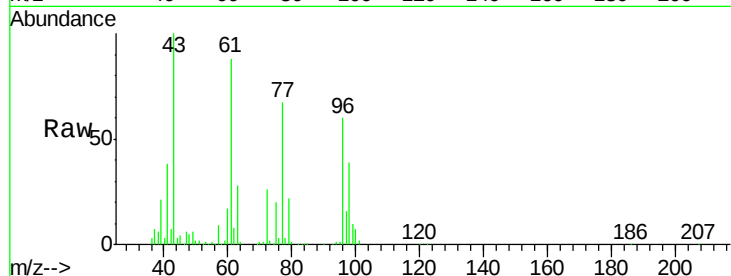
cis-1,2-Dichloroethene
 Concen: 56.320 ug/l
 RT: 7.02 min Scan# 867
 Delta R.T. -0.00 min
 Lab File: VY001397.D
 Acq: 24 Jan 2020 20:43

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	153759		
61	144.8		0.0	284.8
98	64.2		0.0	128.4

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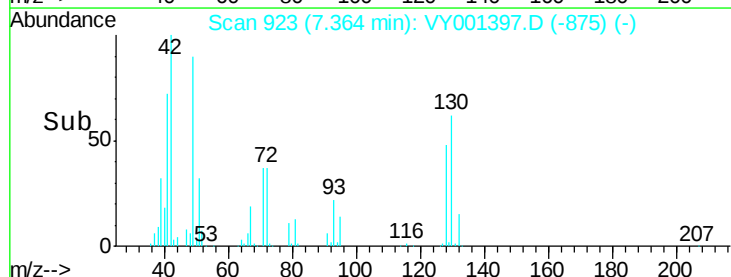
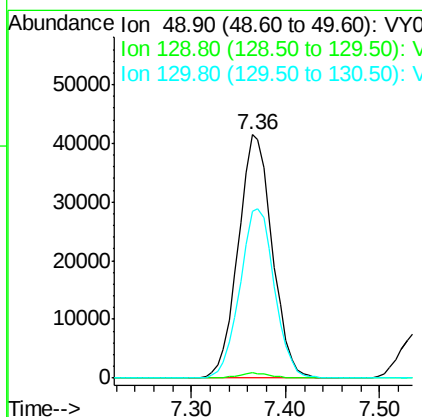
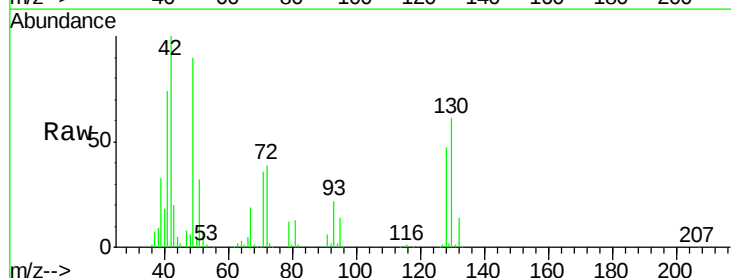
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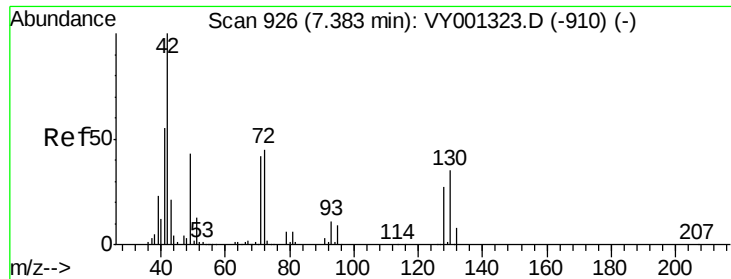


#28

Bromochloromethane
 Concen: 60.534 ug/l
 RT: 7.36 min Scan# 923
 Delta R.T. -0.01 min
 Lab File: VY001397.D
 Acq: 24 Jan 2020 20:43

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	104791		
129	2.0		0.0	4.0
130	70.7		58.9	88.3





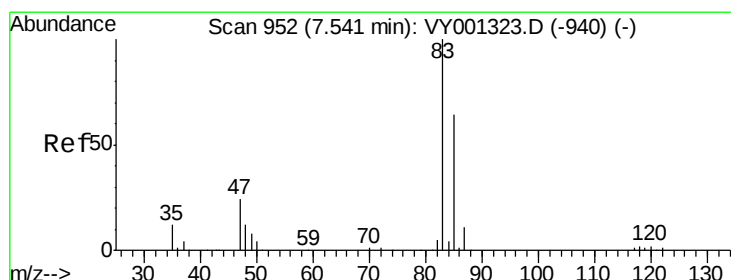
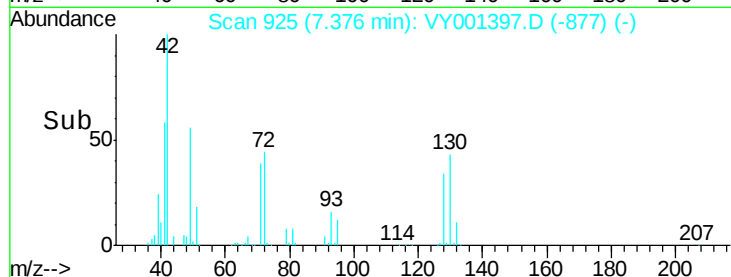
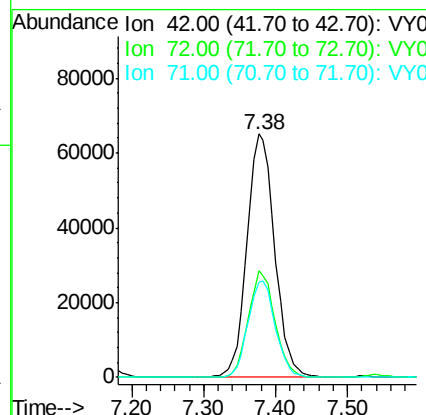
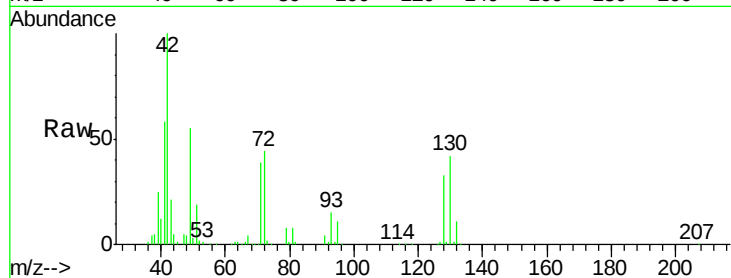
#29
Tetrahydrofuran
Concen: 284.546 ug/l
RT: 7.38 min Scan# 925
Delta R.T. -0.01 min
Lab File: VY001397.D
Acq: 24 Jan 2020 20:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.1	34.6	51.8
71	39.0	32.6	48.8

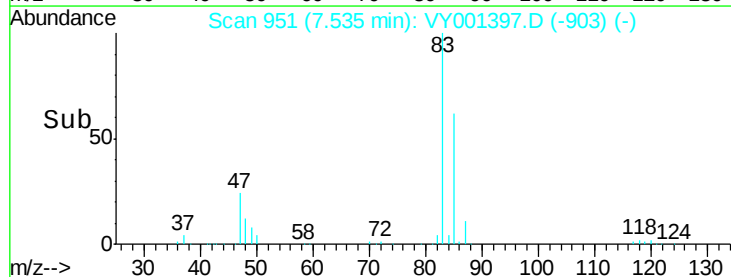
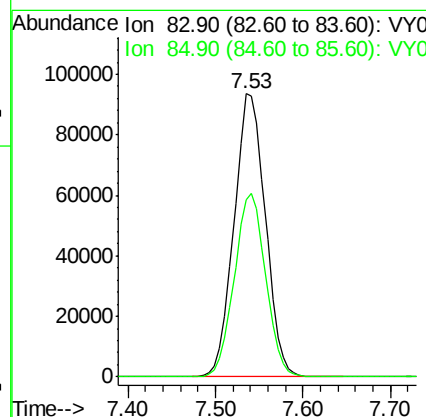
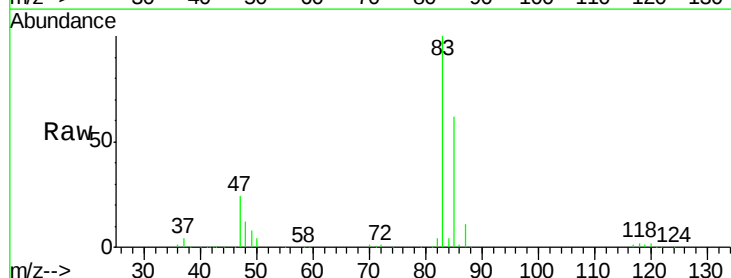
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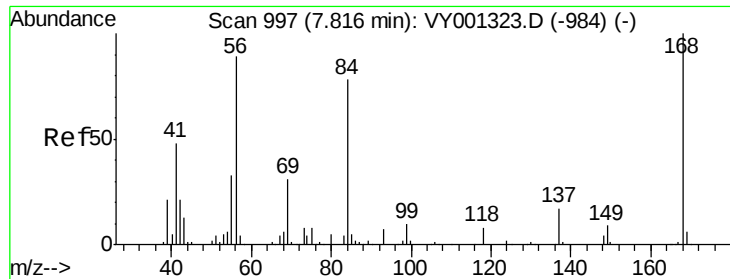
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#30
Chloroform
Concen: 56.744 ug/l
RT: 7.53 min Scan# 951
Delta R.T. -0.01 min
Lab File: VY001397.D
Acq: 24 Jan 2020 20:43

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.4	51.5	77.3





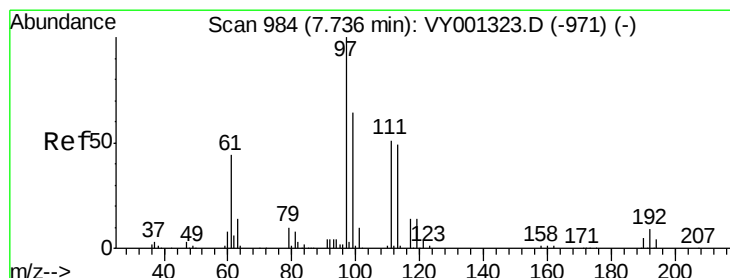
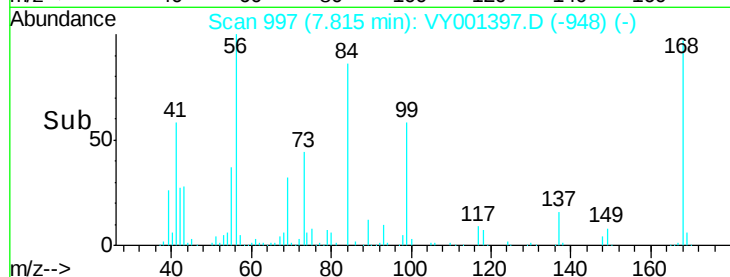
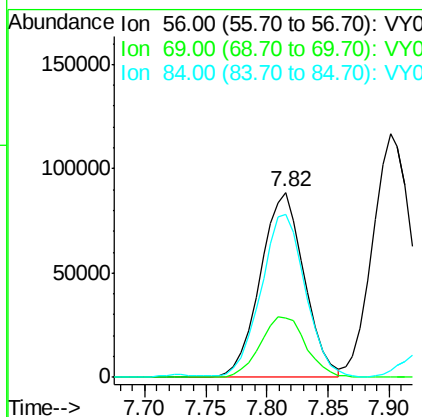
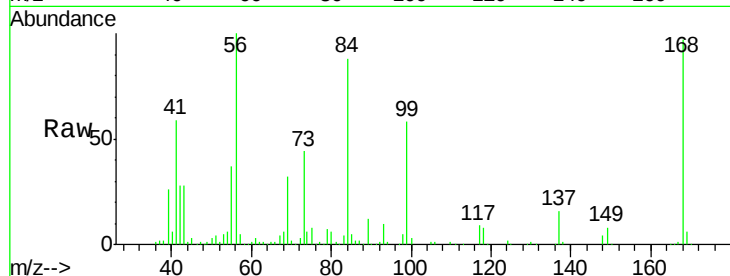
#31
Cyclohexane
Concen: 53.040 ug/l
RT: 7.82 min Scan# 997
Delta R.T. -0.00 min
Lab File: VY001397.D
Acq: 24 Jan 2020 20:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.3	27.6	41.4
84	86.6	69.7	104.5

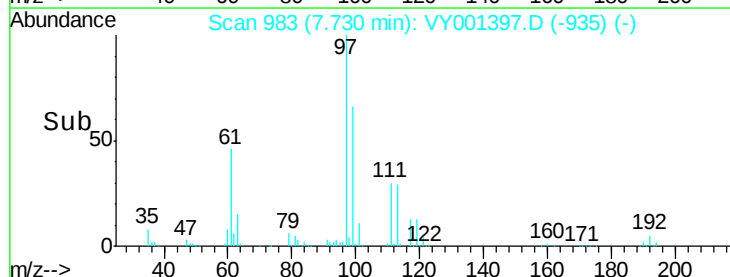
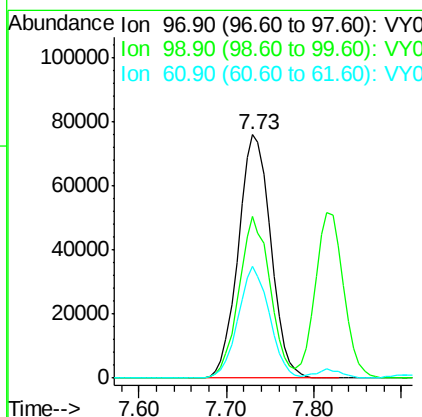
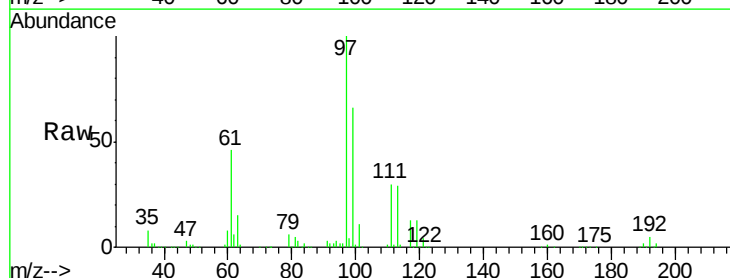
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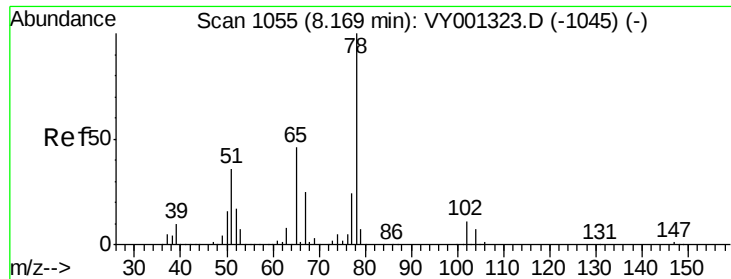
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#32
1,1,1-Trichloroethane
Concen: 56.347 ug/l
RT: 7.73 min Scan# 983
Delta R.T. -0.01 min
Lab File: VY001397.D
Acq: 24 Jan 2020 20:43

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.3	76.9
61	44.2	35.9	53.9





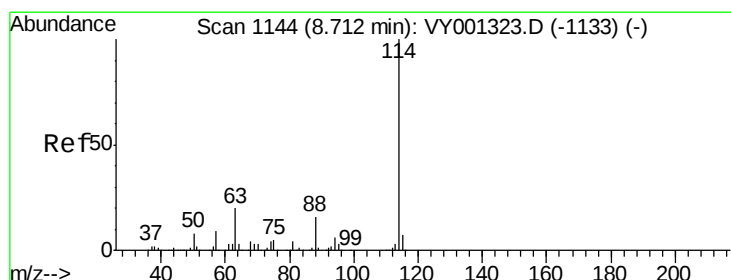
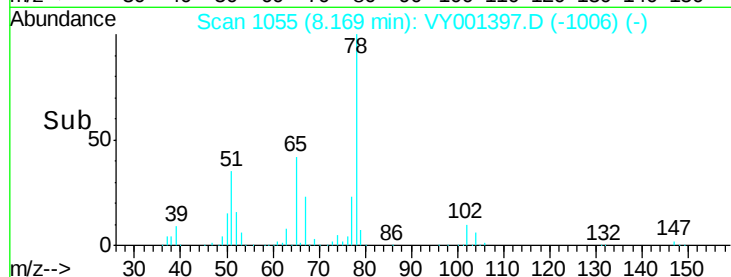
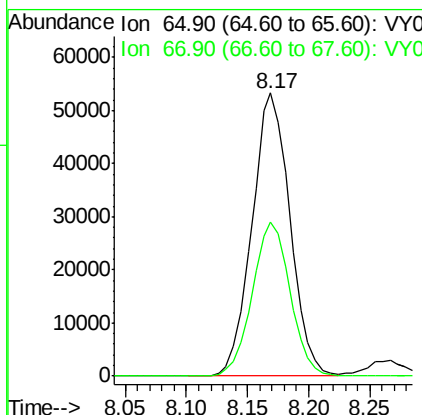
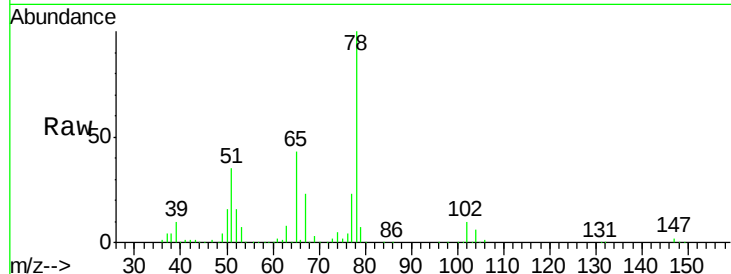
#33
 1,2-Dichloroethane-d4
 Concen: 53.542 ug/l
 RT: 8.17 min Scan# 1055
 Delta R.T. -0.00 min
 Lab File: VY001397.D
 Acq: 24 Jan 2020 20:43

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	54.1	0.0	108.6	

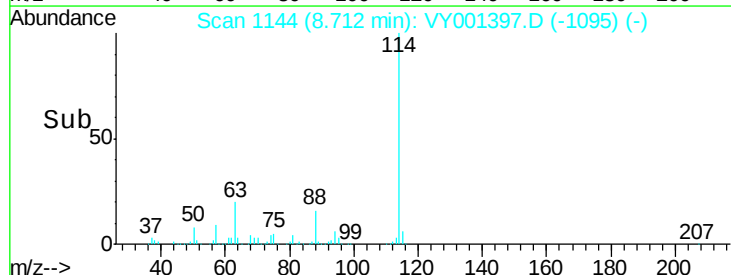
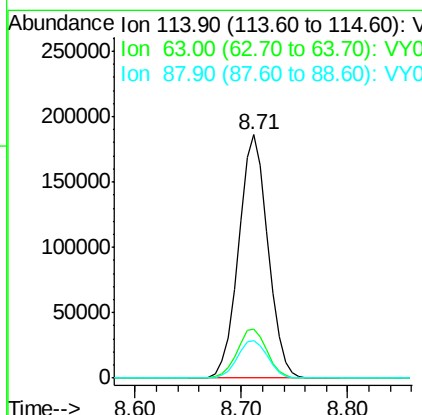
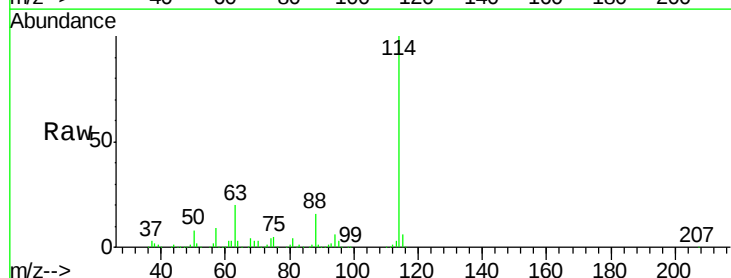
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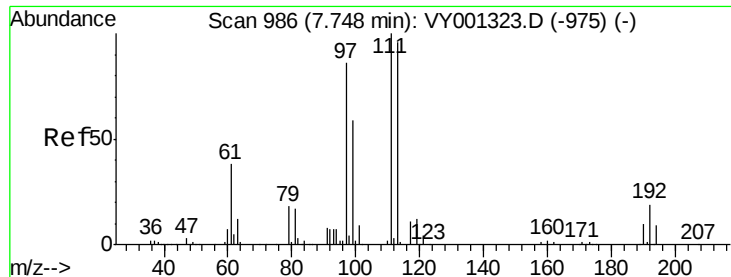
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1144
 Delta R.T. -0.00 min
 Lab File: VY001397.D
 Acq: 24 Jan 2020 20:43

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	20.0	0.0	40.8	
88	15.6	0.0	31.0	





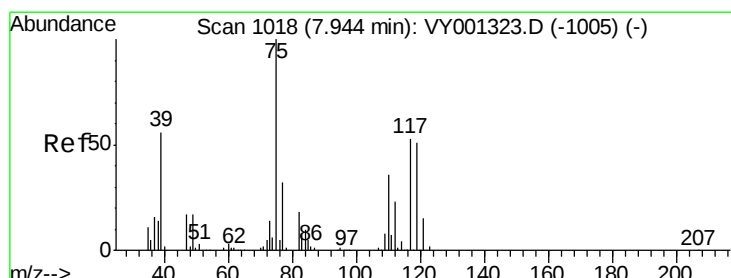
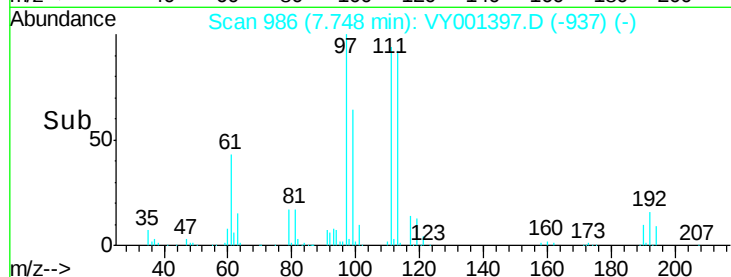
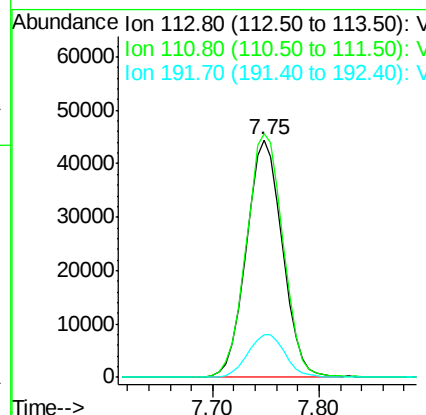
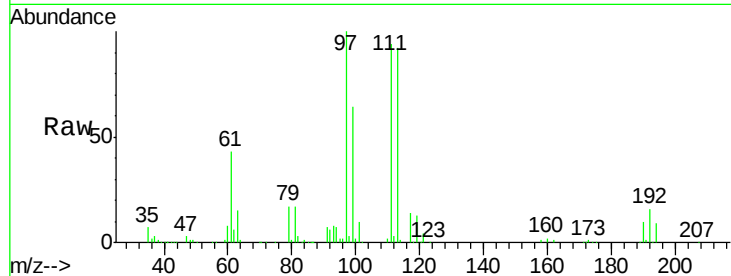
#35
 Dibromofluoromethane
 Concen: 50.285 ug/l
 RT: 7.75 min Scan# 986
 Delta R.T. -0.00 min
 Lab File: VY001397.D
 Acq: 24 Jan 2020 20:43

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	105900		
111	104.6	82.8	124.2	
192	18.7	15.5	23.3	

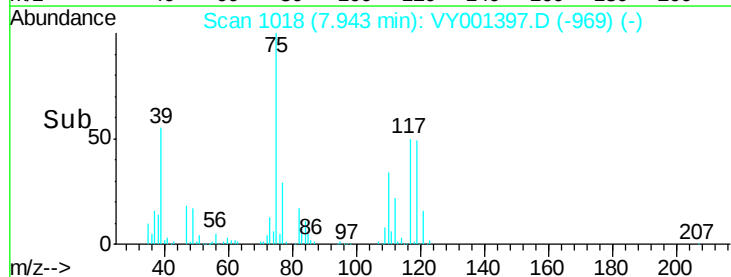
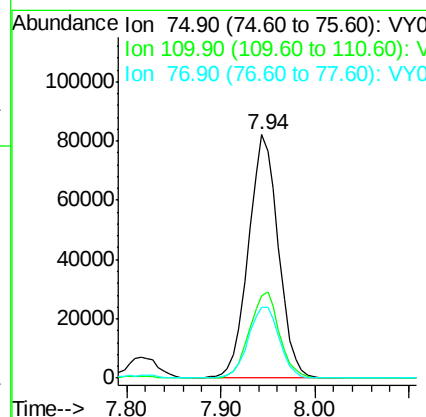
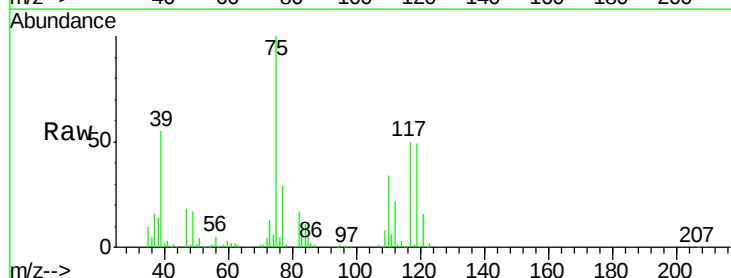
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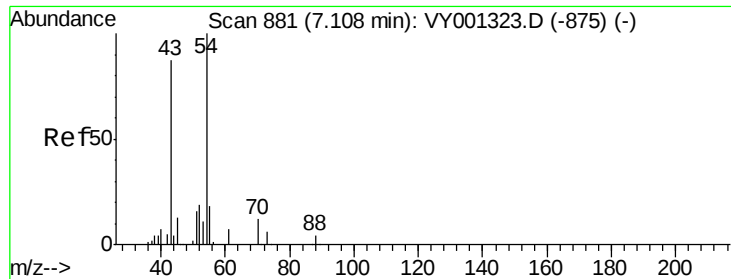
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#36
 1,1-Dichloropropene
 Concen: 54.148 ug/l
 RT: 7.94 min Scan# 1018
 Delta R.T. -0.00 min
 Lab File: VY001397.D
 Acq: 24 Jan 2020 20:43

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	183561		
110	35.1	17.6	52.8	
77	30.5	24.7	37.1	





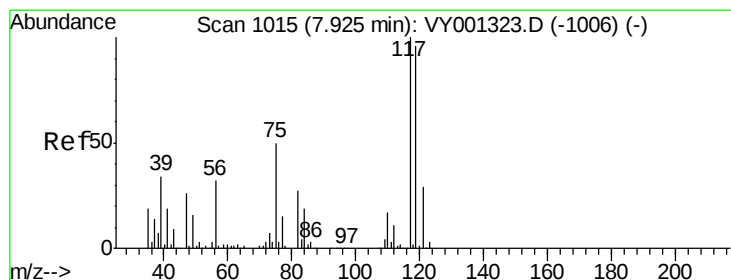
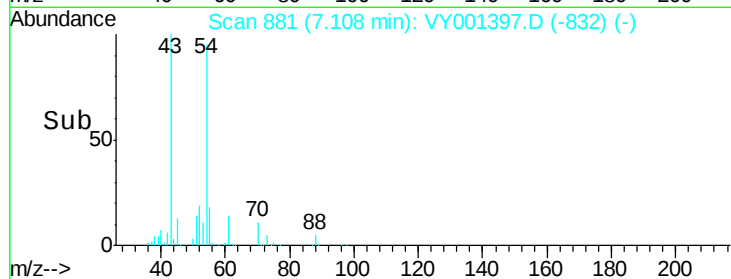
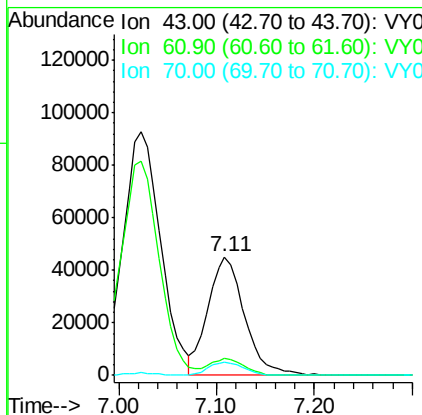
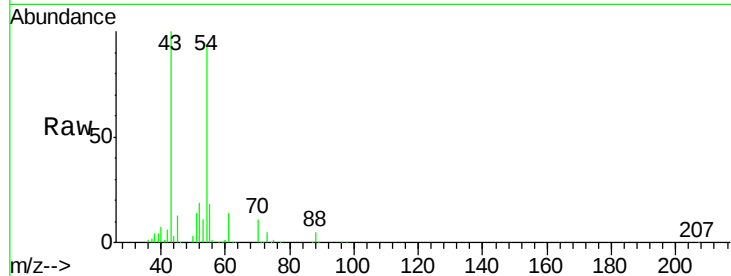
#37
Ethyl Acetate
Concen: 56.349 ug/l
RT: 7.11 min Scan# 881
Delta R.T. -0.00 min
Lab File: VY001397.D
Acq: 24 Jan 2020 20:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.0	11.3	16.9
70	10.9	8.7	13.1

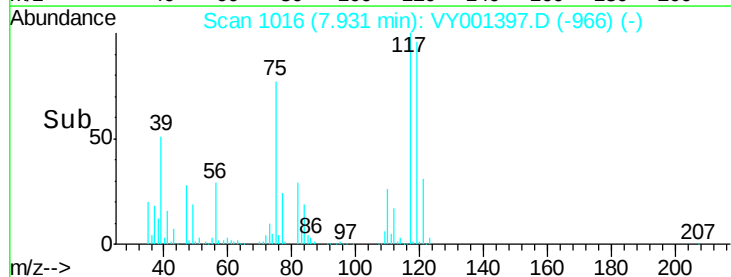
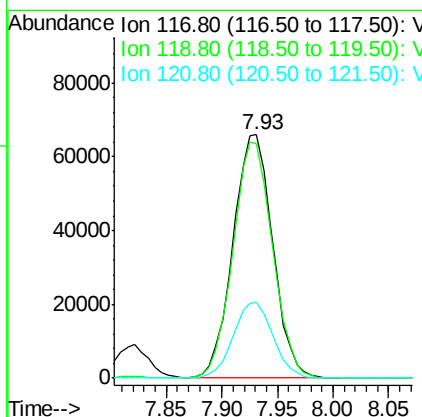
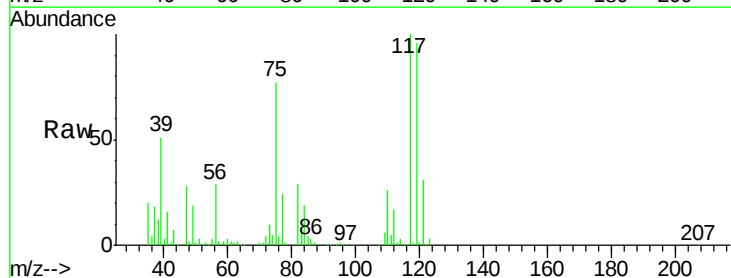
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#38
Carbon Tetrachloride
Concen: 54.186 ug/l
RT: 7.93 min Scan# 1016
Delta R.T. 0.01 min
Lab File: VY001397.D
Acq: 24 Jan 2020 20:43

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.0	76.3	114.5
121	31.2	23.5	35.3





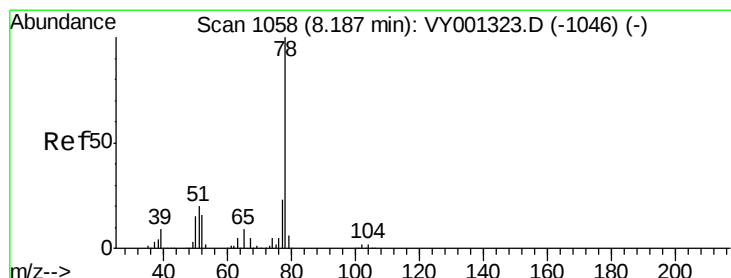
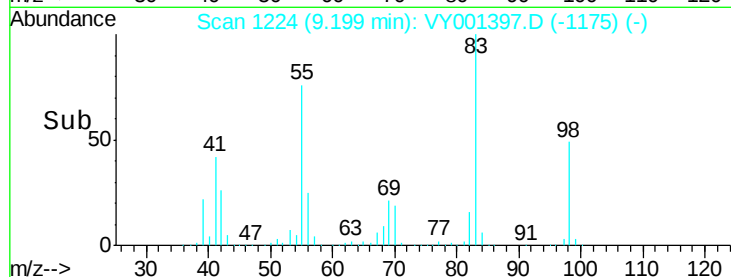
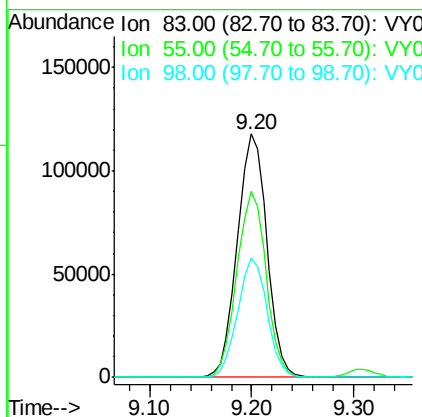
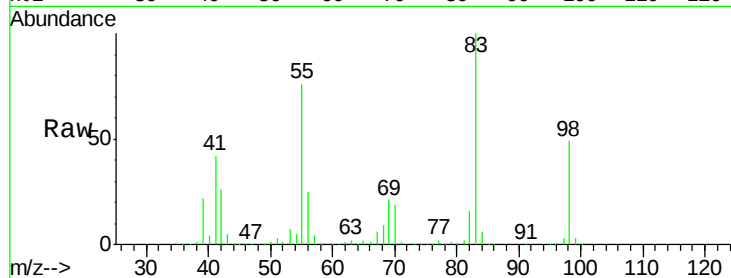
#39
Methylvlcyclohexane
Concen: 54.661 ug/l
RT: 9.20 min Scan# 1224
Delta R.T. -0.00 min
Lab File: VY001397.D
Acq: 24 Jan 2020 20:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	83.00	Resp	237378
Ion	Ratio	Lower	Upper
83	100		
55	76.2	60.7	91.1
98	48.9	37.8	56.8

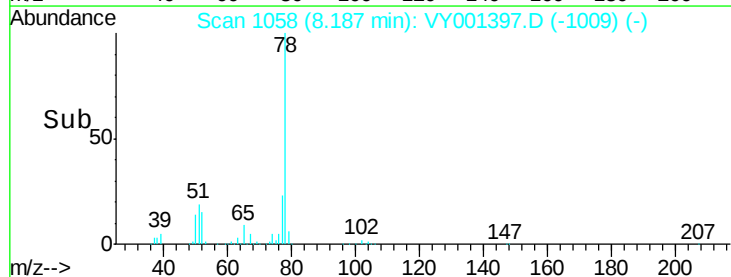
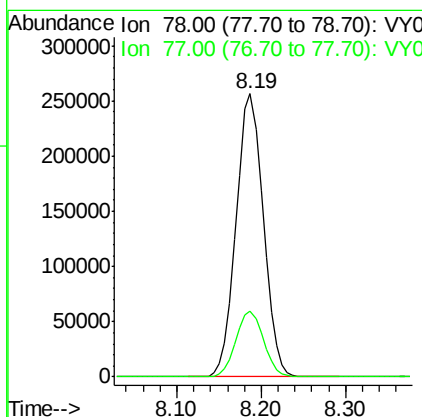
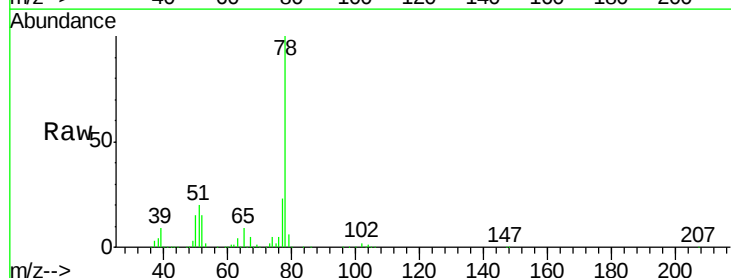
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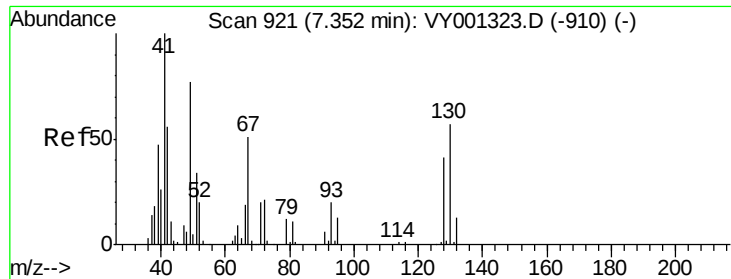
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#40
Benzene
Concen: 54.957 ug/l
RT: 8.19 min Scan# 1058
Delta R.T. -0.00 min
Lab File: VY001397.D
Acq: 24 Jan 2020 20:43

Tgt Ion	78.00	Resp	558619
Ion	Ratio	Lower	Upper
78	100		
77	23.2	18.6	27.8





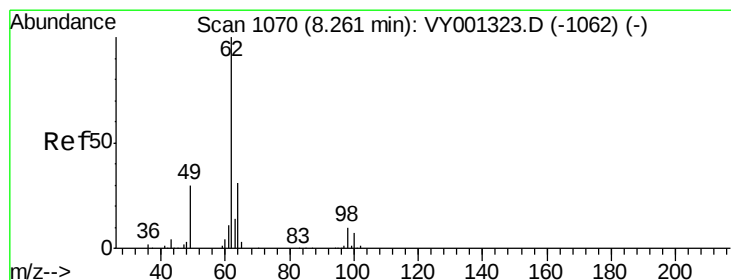
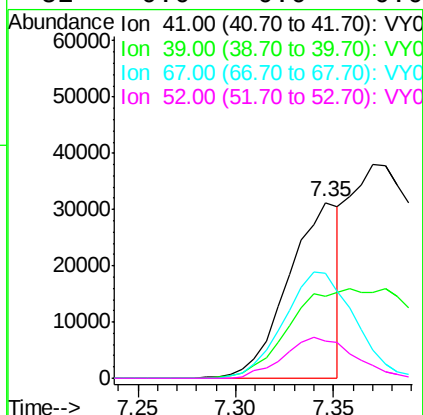
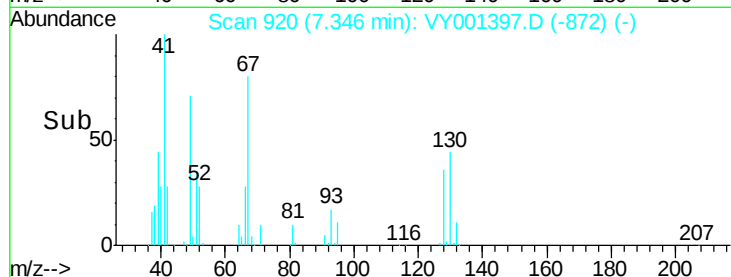
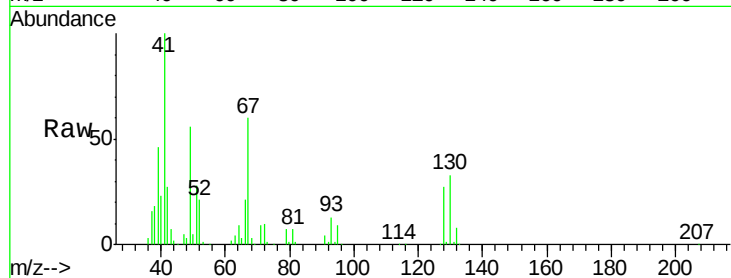
#41
Methacrylonitrile
Concen: 53.865 ug/l m
RT: 7.35 min Scan# 920
Delta R.T. -0.01 min
Lab File: VY001397.D
Acq: 24 Jan 2020 20:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
41	100		
39	125.3	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

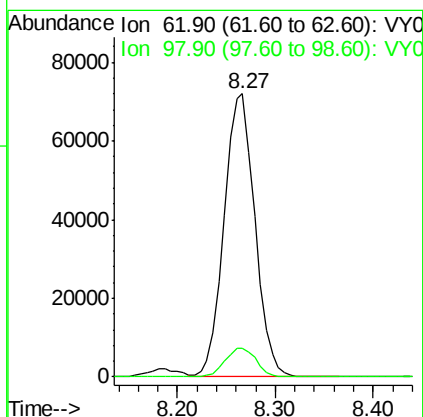
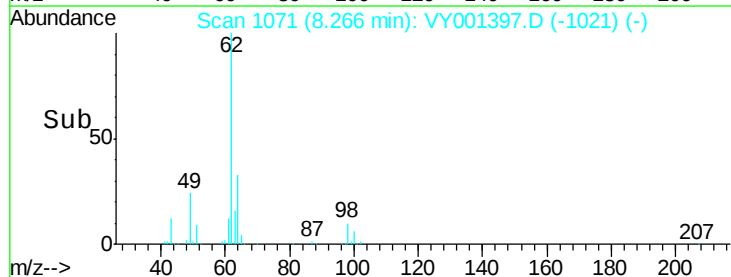
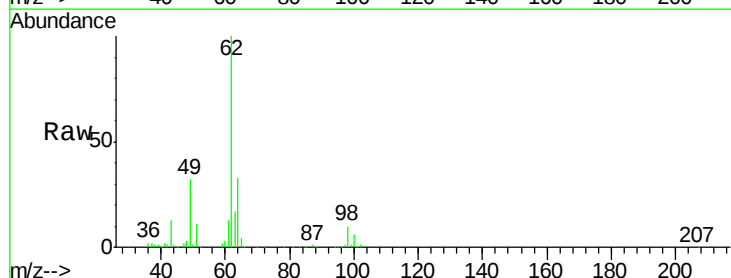
Manual Integrations
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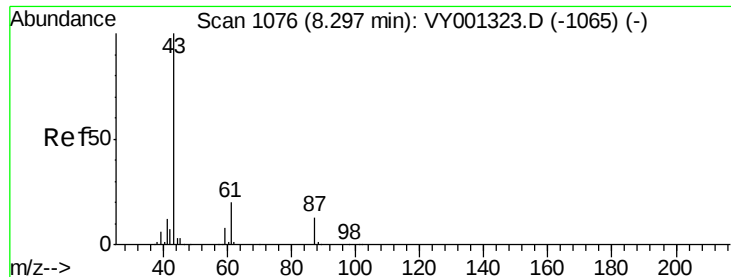
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#42
1,2-Dichloroethane
Concen: 55.429 ug/l
RT: 8.27 min Scan# 1071
Delta R.T. 0.01 min
Lab File: VY001397.D
Acq: 24 Jan 2020 20:43

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	20.8





#43

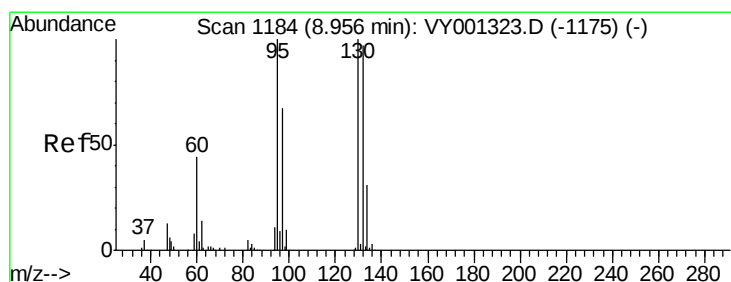
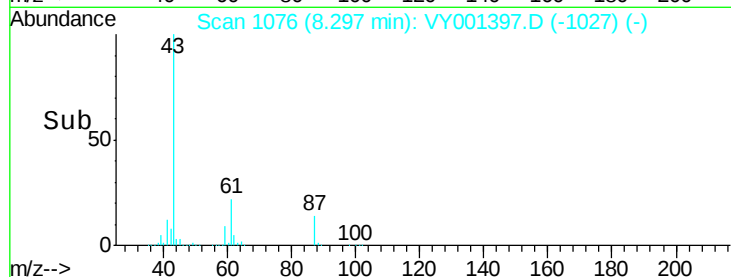
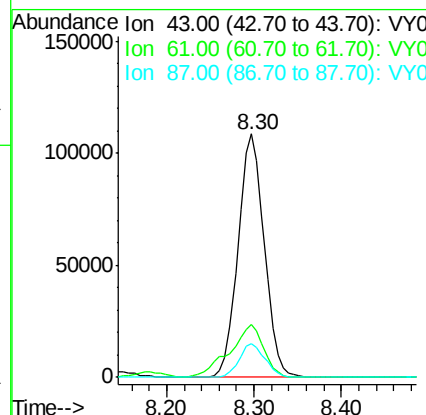
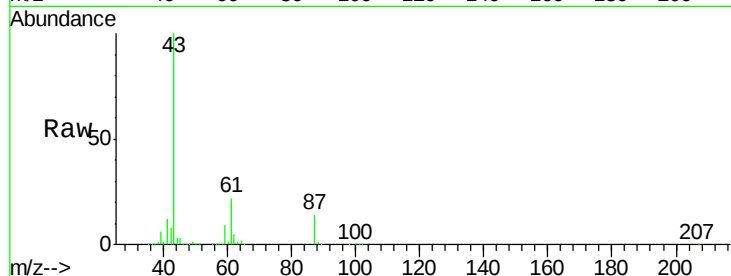
Isopropyl Acetate
 Concen: 56.080 ug/l
 RT: 8.30 min Scan# 1076
 Delta R.T. -0.00 min
 Lab File: VY001397.D
 Acq: 24 Jan 2020 20:43

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	28.2	22.7	34.1
87	13.6	11.0	16.4

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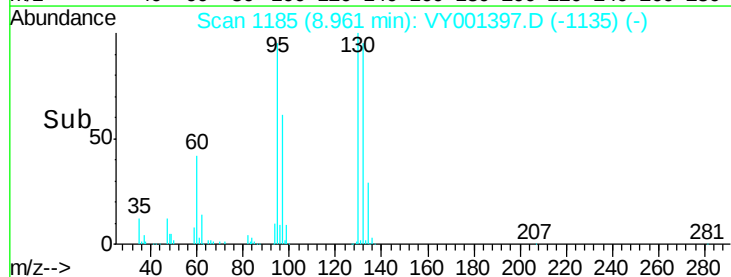
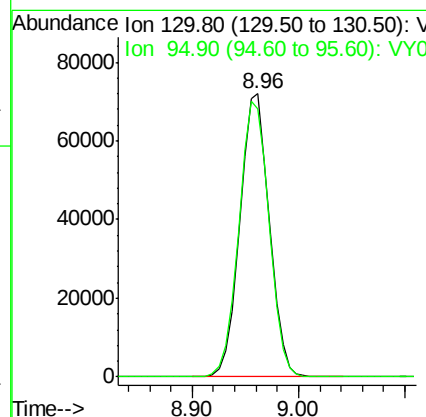
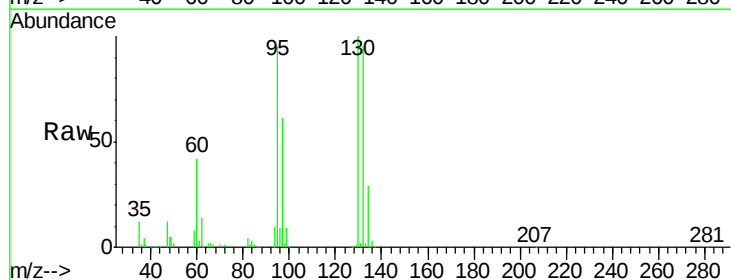
MMDadoda
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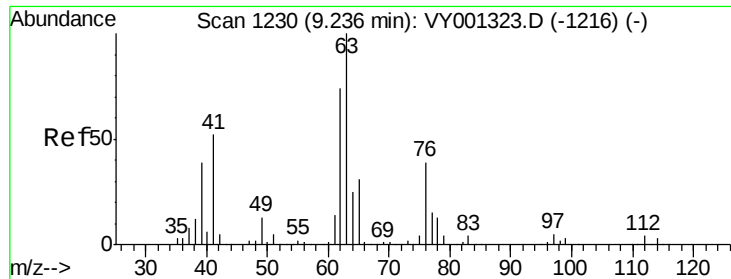


#44

Trichloroethene
 Concen: 53.687 ug/l
 RT: 8.96 min Scan# 1185
 Delta R.T. 0.01 min
 Lab File: VY001397.D
 Acq: 24 Jan 2020 20:43

Tgt Ion	Ratio	Lower	Upper
130	100		
95	94.5	0.0	200.0





#45

1,2-Dichloropropane

Concen: 56.390 ug/l

RT: 9.24 min Scan# 1230

Delta R.T. -0.00 min

Lab File: VY001397.D

Acq: 24 Jan 2020 20:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 144898

Ion Ratio Lower Upper

63 100

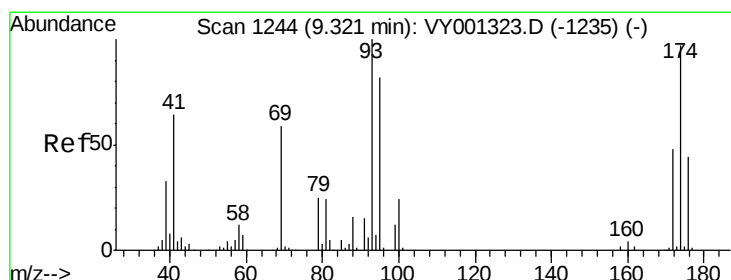
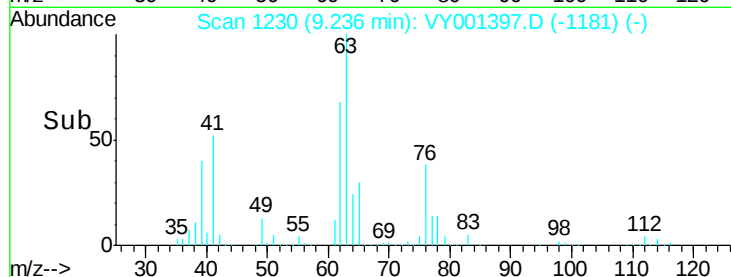
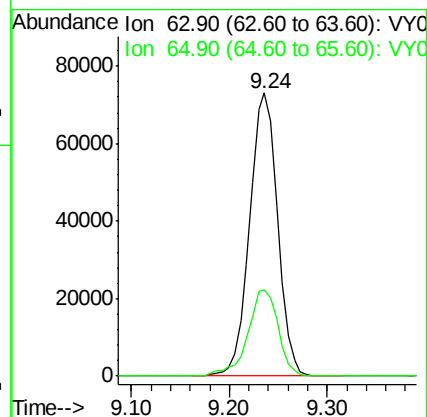
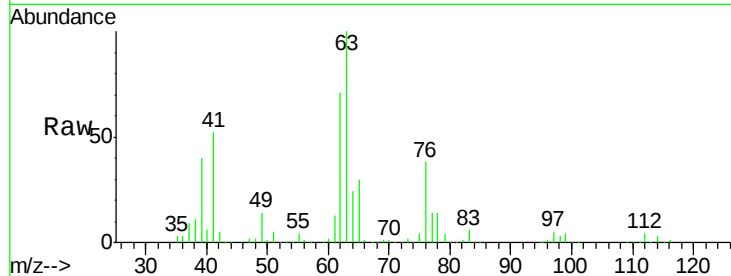
65 30.4 24.9 37.3

Manual Integrations

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#46

Dibromomethane

Concen: 54.120 ug/l

RT: 9.32 min Scan# 1244

Delta R.T. -0.00 min

Lab File: VY001397.D

Acq: 24 Jan 2020 20:43

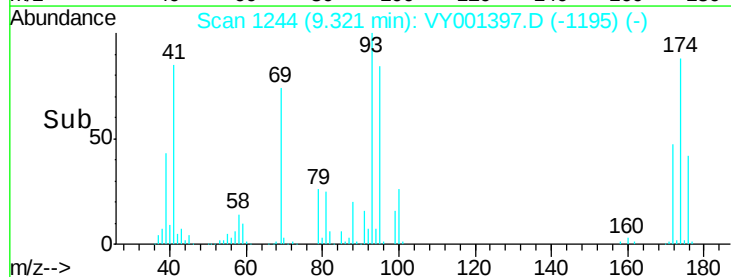
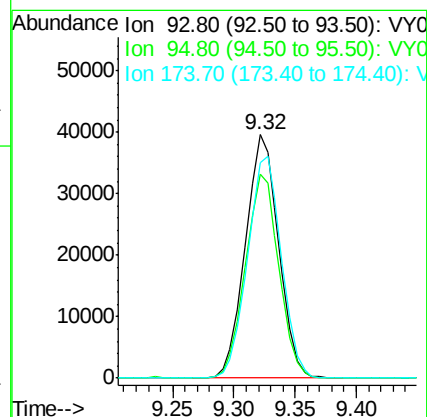
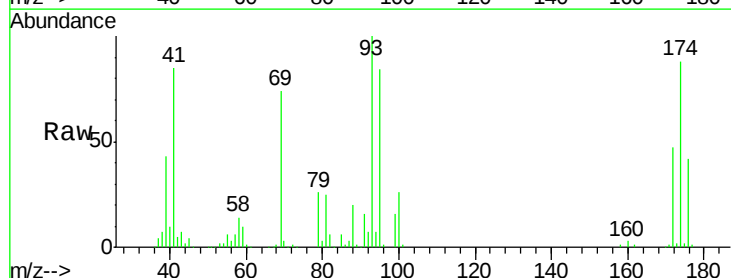
Tgt Ion: 93 Resp: 74657

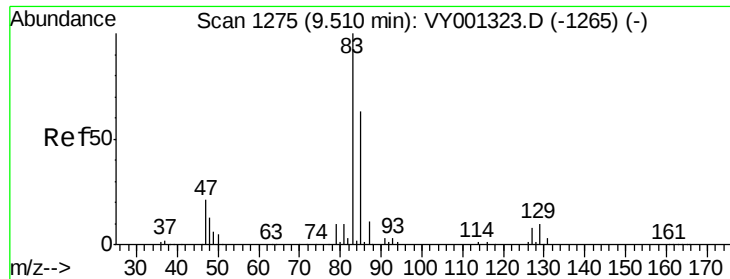
Ion Ratio Lower Upper

93 100

95 84.4 66.5 99.7

174 93.1 77.9 116.9





#47

Bromodichloromethane

Concen: 55.927 ug/l

RT: 9.51 min Scan# 1275

Delta R.T. -0.00 min

Lab File: VY001397.D

Acq: 24 Jan 2020 20:43

Instrument :

MSVOA_Y

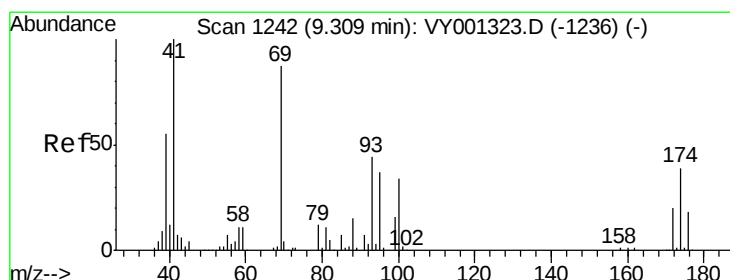
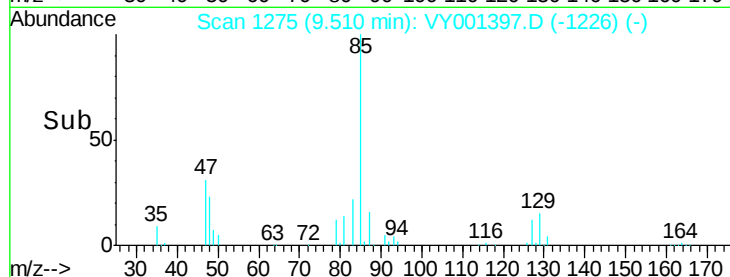
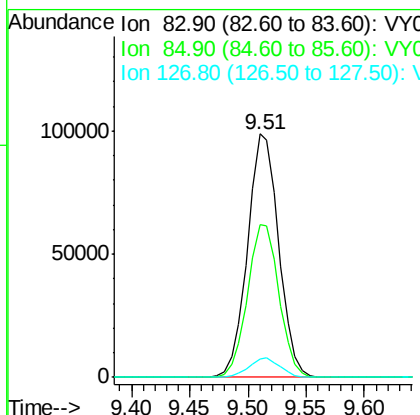
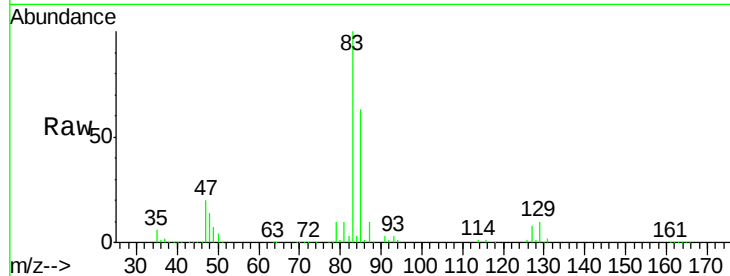
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	184428
Ion Ratio	Lower	Upper	
83	100		
85	62.8	50.2	75.2
127	7.7	6.4	9.6

Manual Integrations
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#48

Methyl methacrylate

Concen: 55.224 ug/l

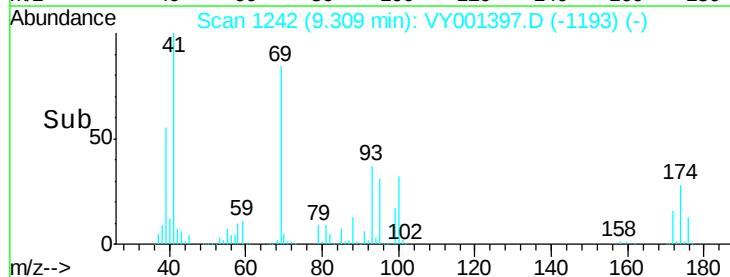
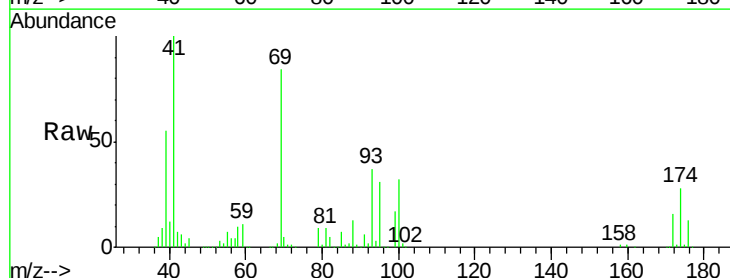
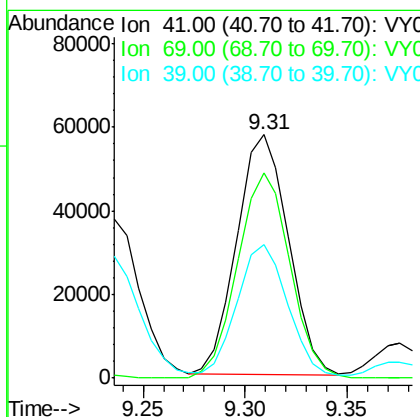
RT: 9.31 min Scan# 1242

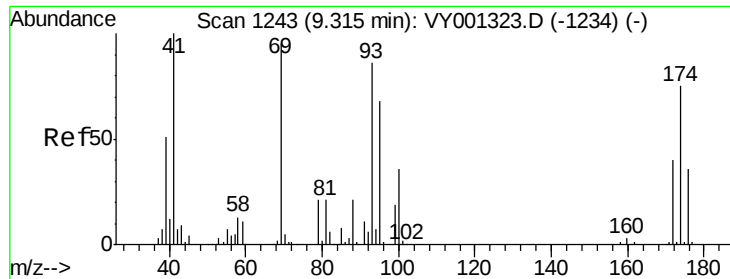
Delta R.T. -0.00 min

Lab File: VY001397.D

Acq: 24 Jan 2020 20:43

Tgt Ion:	41	Resp:	101109
Ion Ratio	Lower	Upper	
41	100		
69	86.7	70.2	105.4
39	55.7	45.7	68.5





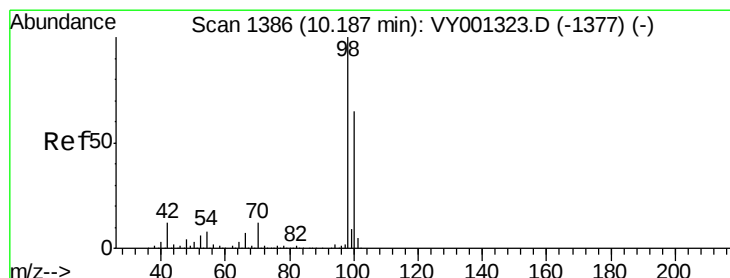
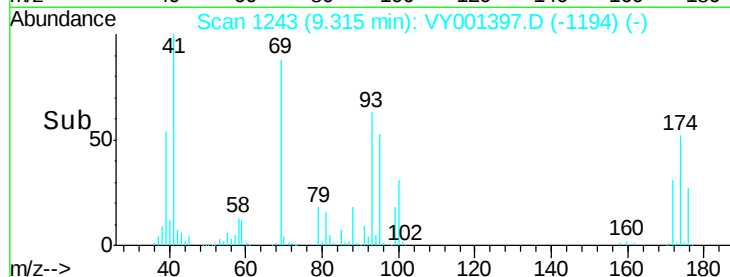
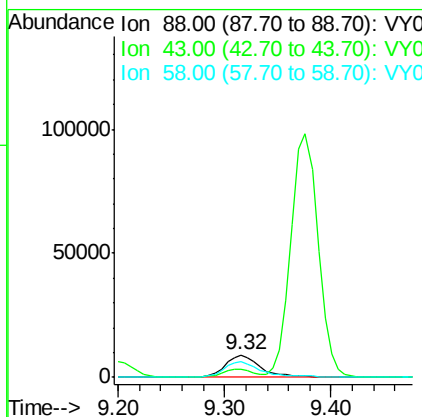
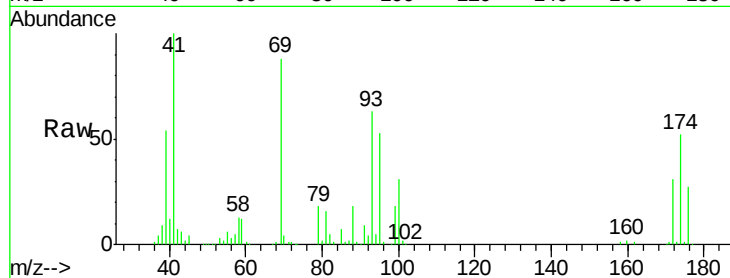
#49
1,4-Dioxane
Concen: 1063.054 ug/l
RT: 9.32 min Scan# 1243
Delta R.T. -0.00 min
Lab File: VY001397.D
Acq: 24 Jan 2020 20:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	31.2	28.2	42.2
58	76.2	55.6	83.4

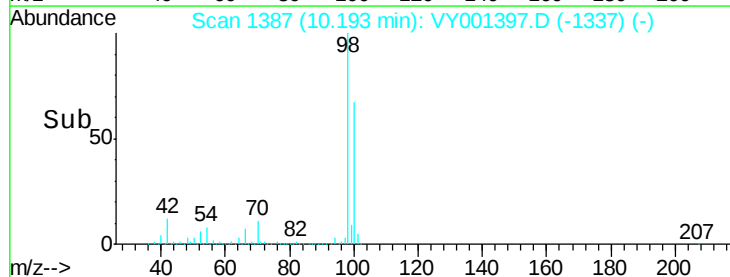
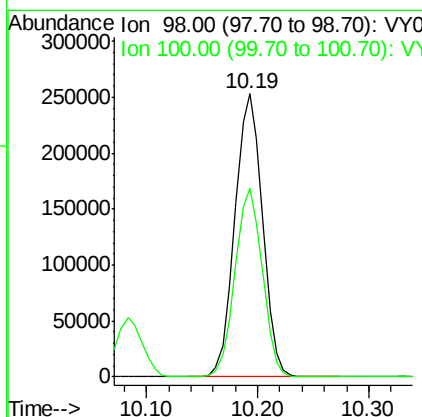
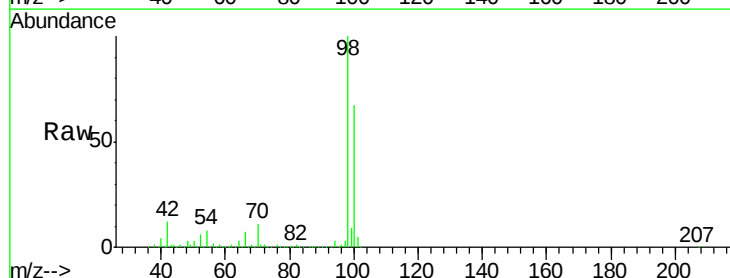
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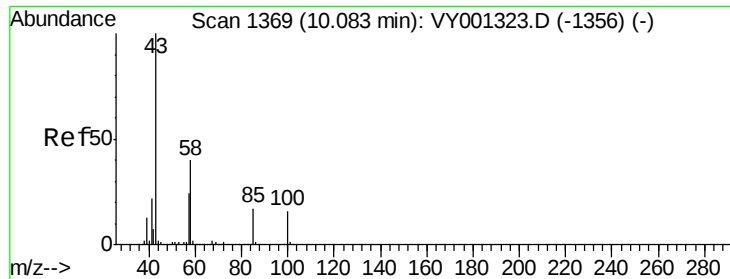
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#50
Toluene-d8
Concen: 52.876 ug/l
RT: 10.19 min Scan# 1387
Delta R.T. 0.01 min
Lab File: VY001397.D
Acq: 24 Jan 2020 20:43

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.1	52.6	79.0





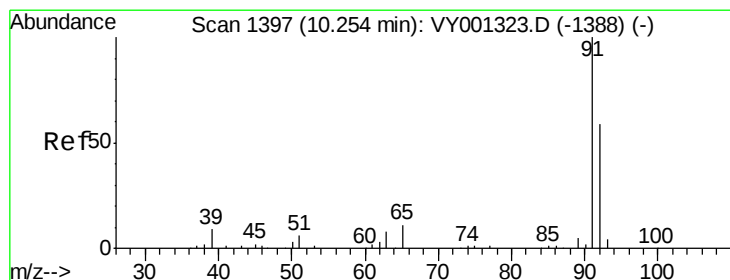
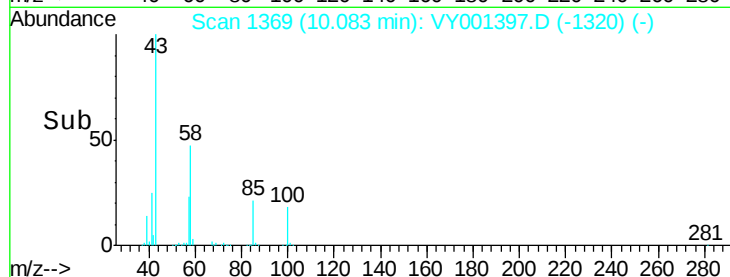
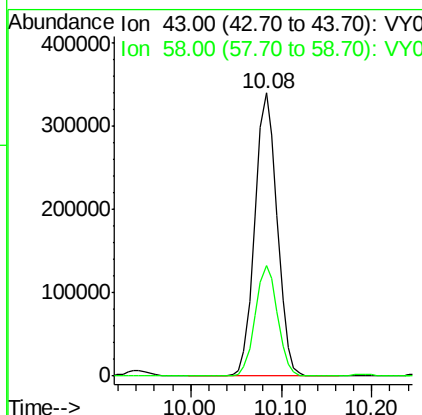
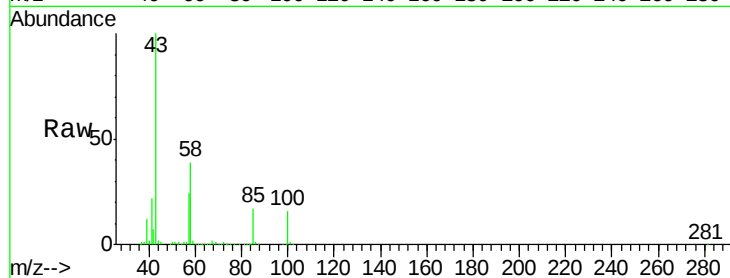
#51
4-Methyl-2-Pentanone
Concen: 279.100 ug/l
RT: 10.08 min Scan# 1369
Delta R.T. -0.00 min
Lab File: VY001397.D
Acq: 24 Jan 2020 20:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
58	39.1	31.5	47.3

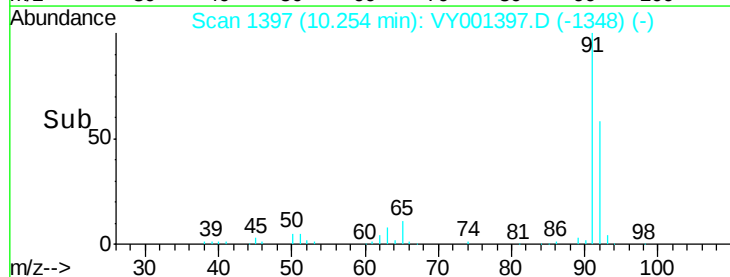
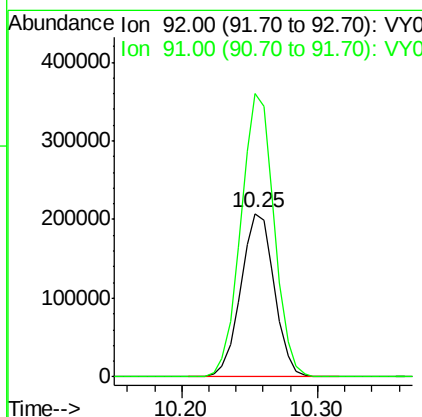
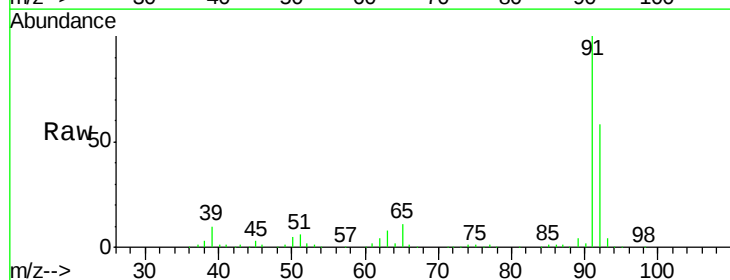
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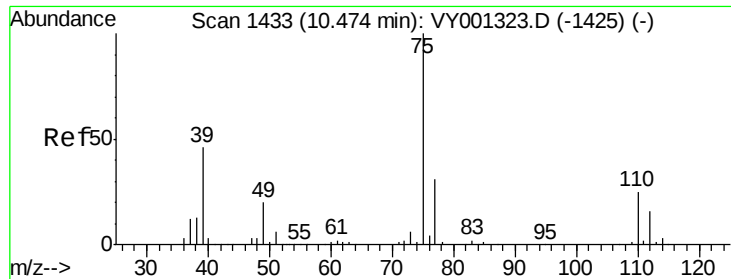
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#52
Toluene
Concen: 55.251 ug/l
RT: 10.25 min Scan# 1397
Delta R.T. -0.00 min
Lab File: VY001397.D
Acq: 24 Jan 2020 20:43

Tgt Ion	Ratio	Lower	Upper
92	100		
91	171.8	136.4	204.6





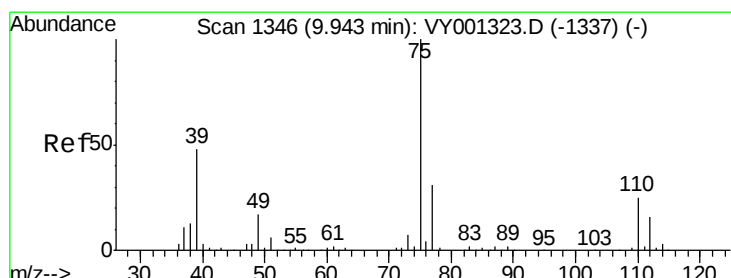
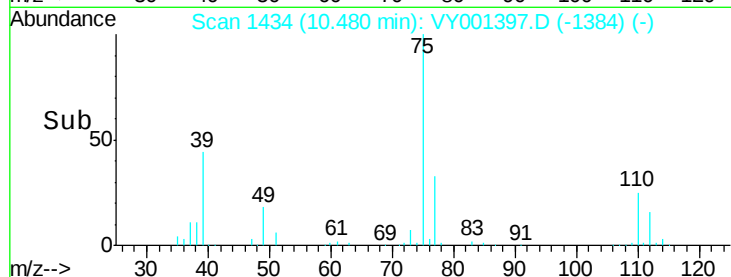
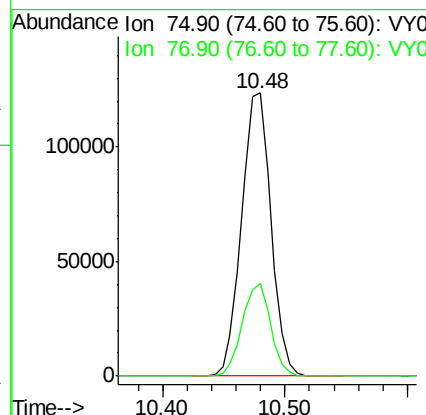
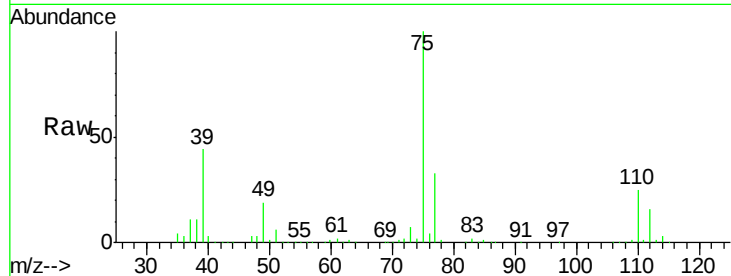
#53
t-1,3-Dichloropropene
Concen: 56.313 ug/l
RT: 10.48 min Scan# 1434
Delta R.T. 0.01 min
Lab File: VY001397.D
Acq: 24 Jan 2020 20:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 205833
Ion Ratio Lower Upper
75 100
77 32.7 25.2 37.8

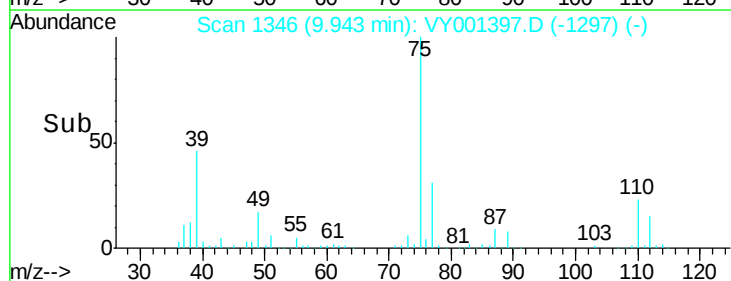
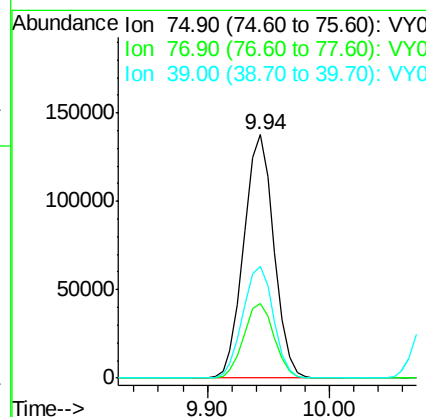
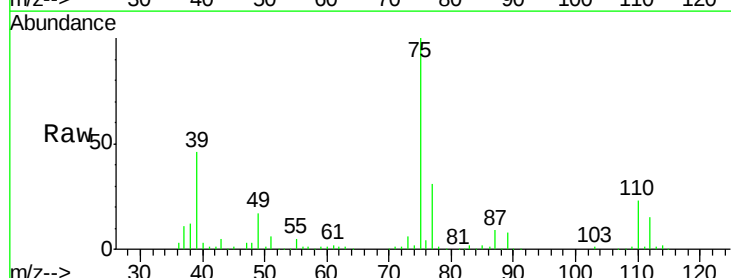
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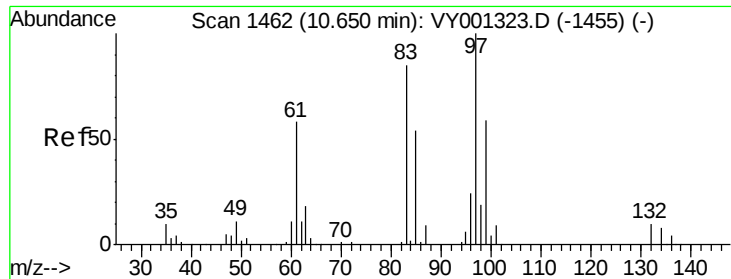
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#54
cis-1,3-Dichloropropene
Concen: 55.980 ug/l
RT: 9.94 min Scan# 1346
Delta R.T. -0.00 min
Lab File: VY001397.D
Acq: 24 Jan 2020 20:43

Tgt Ion: 75 Resp: 234856
Ion Ratio Lower Upper
75 100
77 30.5 25.0 37.6
39 45.6 38.2 57.4





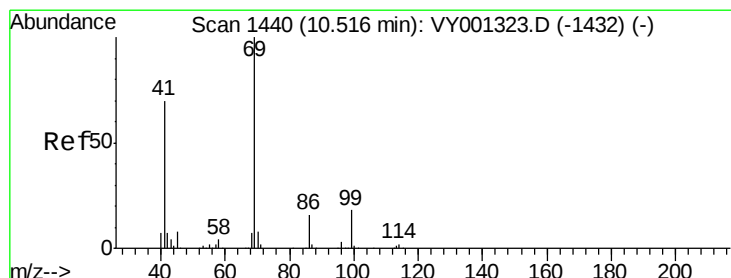
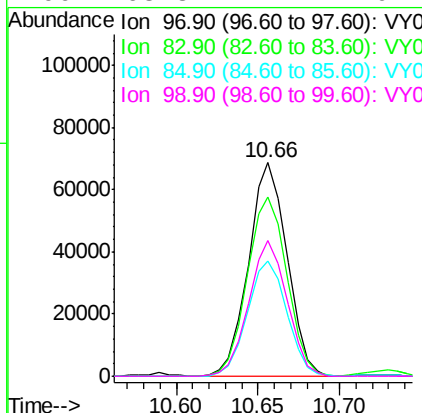
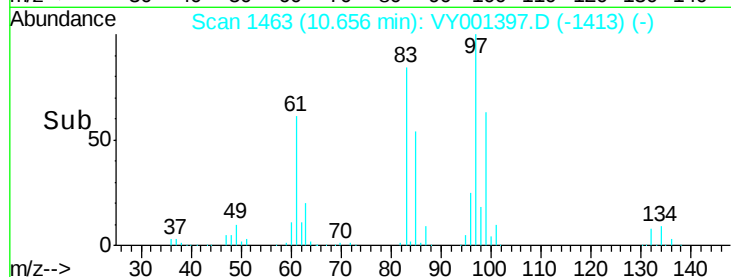
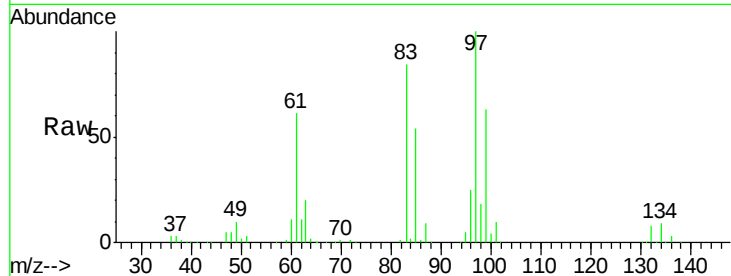
#55
1,1,2-Trichloroethane
Concen: 55.386 ug/l
RT: 10.66 min Scan# 1463
Delta R.T. 0.01 min
Lab File: VY001397.D
Acq: 24 Jan 2020 20:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion:	97	Resp:	112771
Ion	Ratio	Lower	Upper
97	100		
83	84.3	68.0	102.0
85	53.8	43.6	65.4
99	63.3	47.1	70.7

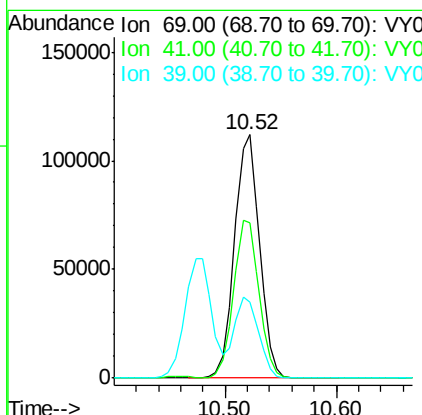
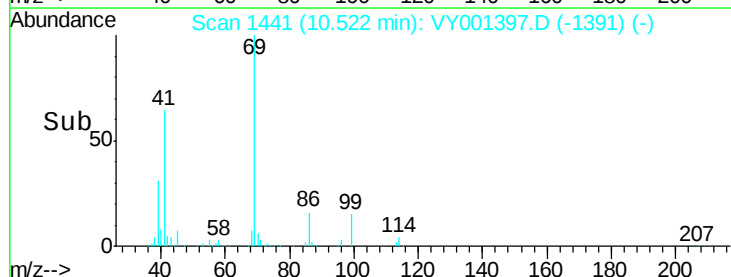
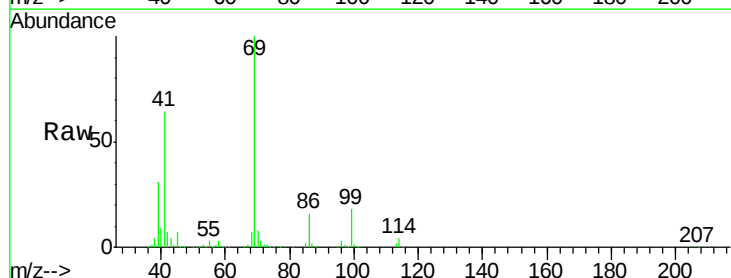
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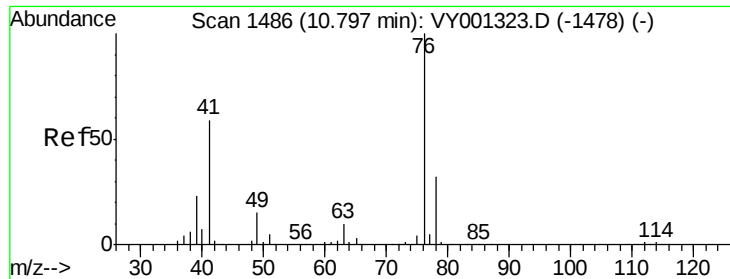
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#56
Ethyl methacrylate
Concen: 56.595 ug/l
RT: 10.52 min Scan# 1441
Delta R.T. 0.01 min
Lab File: VY001397.D
Acq: 24 Jan 2020 20:43

Tgt Ion:	69	Resp:	174165
Ion	Ratio	Lower	Upper
69	100		
41	65.3	54.1	81.1
39	32.7	26.8	40.2





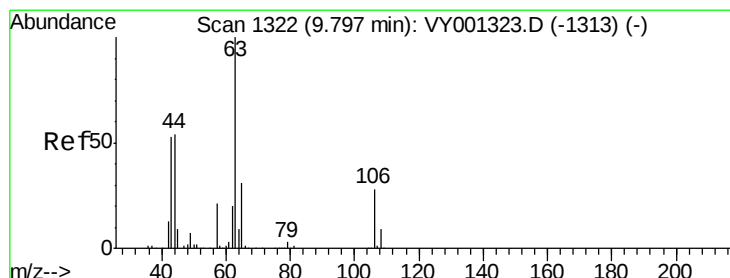
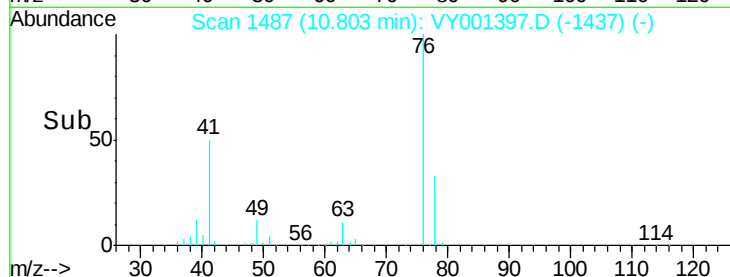
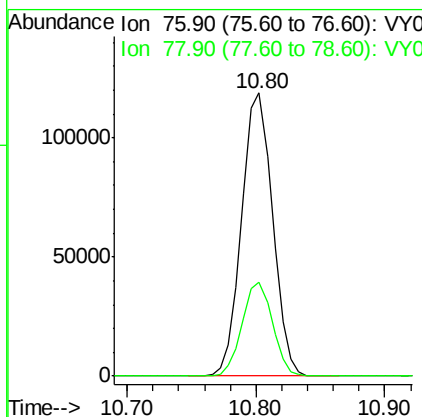
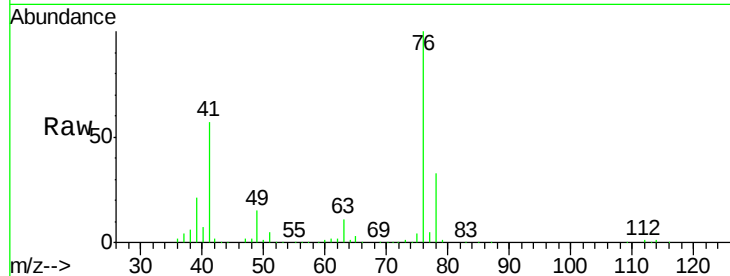
#57
 1,3-Dichloropropane
 Concen: 55.744 ug/l
 RT: 10.80 min Scan# 1487
 Delta R.T. 0.01 min
 Lab File: VY001397.D
 Acq: 24 Jan 2020 20:43

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 76 Resp: 197714
 Ion Ratio Lower Upper
 76 100
 78 32.8 25.8 38.8

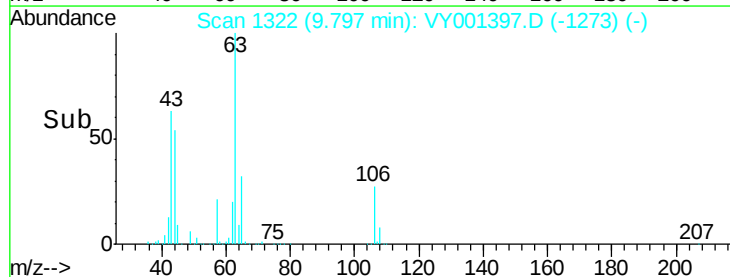
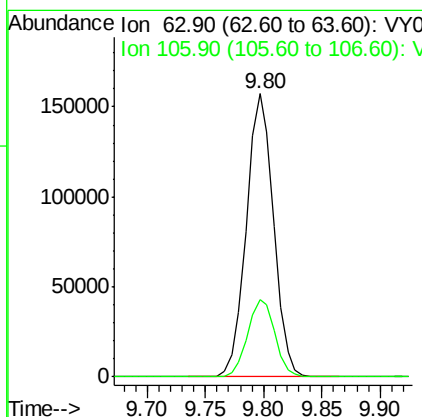
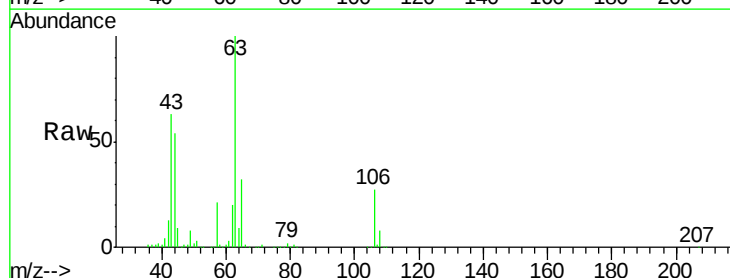
Manual Integrations
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#58
 2-Chloroethyl Vinyl ether
 Concen: 241.001 ug/l
 RT: 9.80 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VY001397.D
 Acq: 24 Jan 2020 20:43

Tgt Ion: 63 Resp: 256639
 Ion Ratio Lower Upper
 63 100
 106 27.4 22.5 33.7





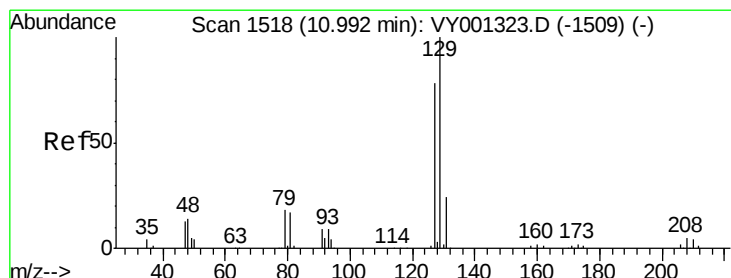
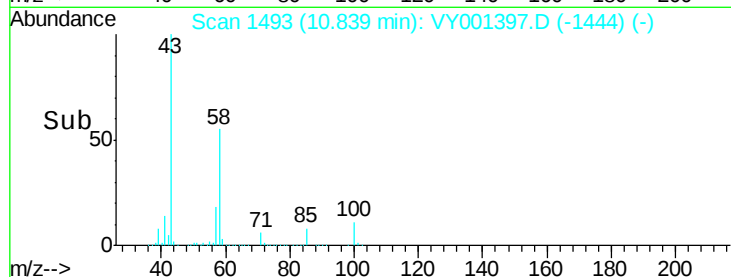
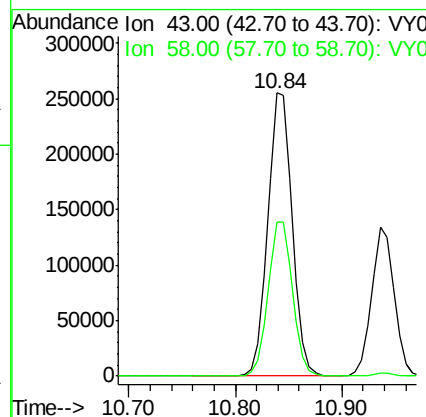
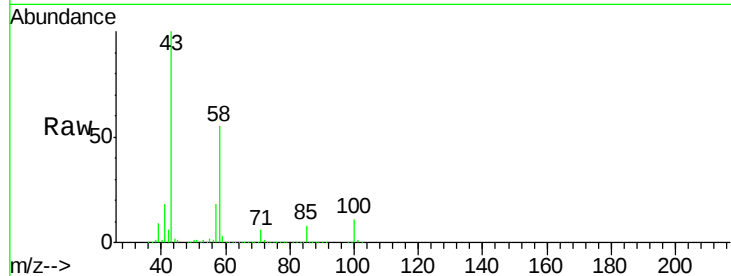
#59
2-Hexanone
Concen: 284.221 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. -0.00 min
Lab File: VY001397.D
Acq: 24 Jan 2020 20:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	43	Resp	410385
Ion Ratio	100	Lower	Upper
58	54.6	27.6	82.8

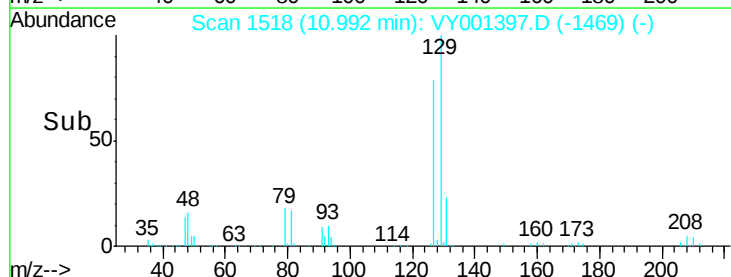
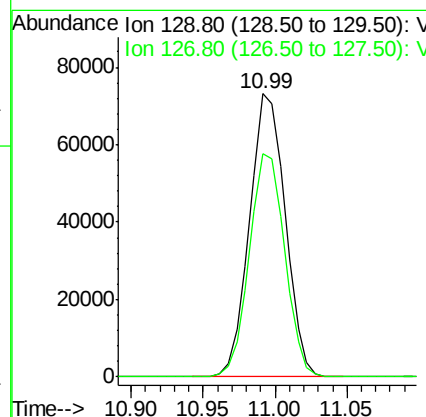
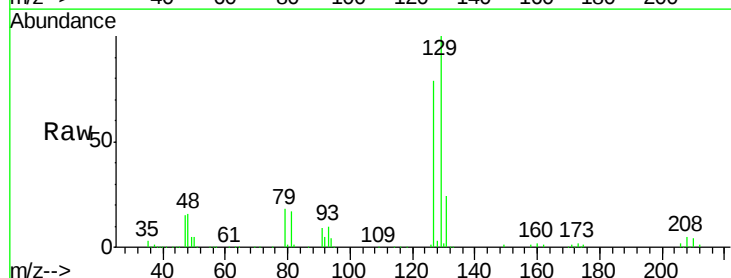
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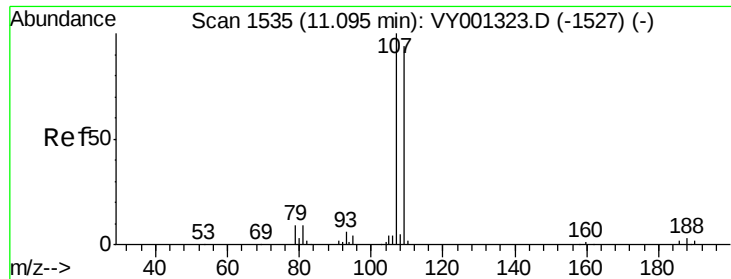
MMDadoda
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#60
Dibromochloromethane
Concen: 55.033 ug/l
RT: 10.99 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VY001397.D
Acq: 24 Jan 2020 20:43

Tgt Ion	129	Resp	125324
Ion Ratio	100	Lower	Upper
127	78.2	38.8	116.4





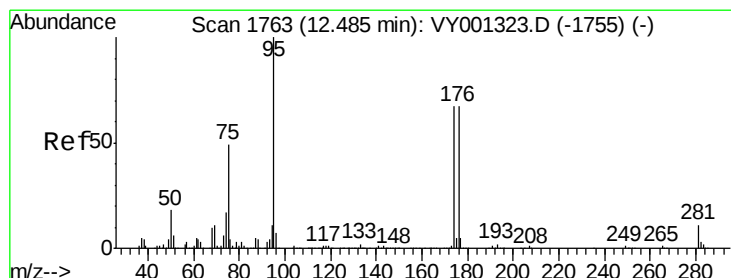
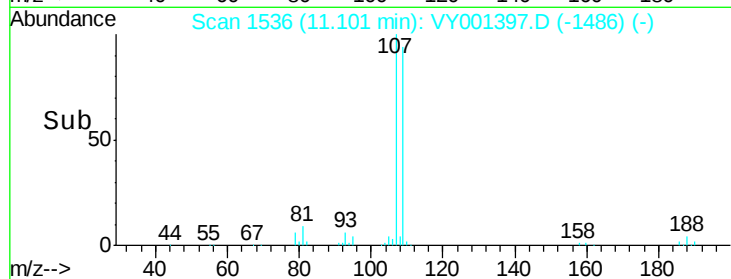
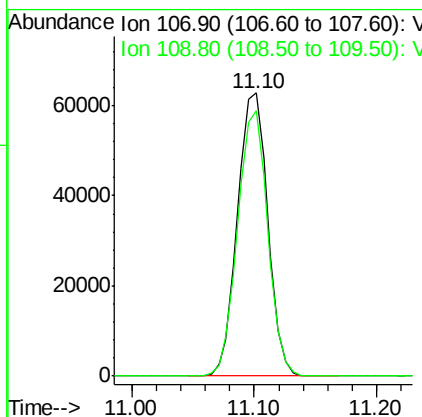
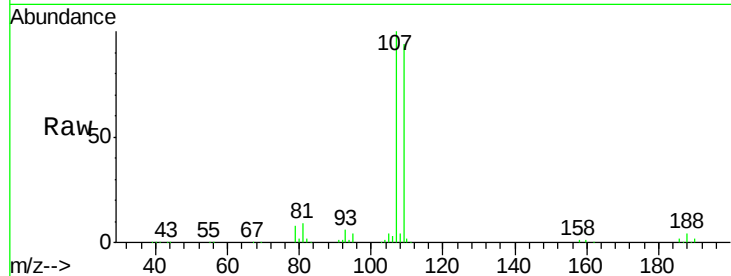
#61
 1,2-Dibromoethane
 Concen: 56.010 ug/l
 RT: 11.10 min Scan# 1536
 Delta R.T. 0.01 min
 Lab File: VY001397.D
 Acq: 24 Jan 2020 20:43

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.4	75.0	112.6

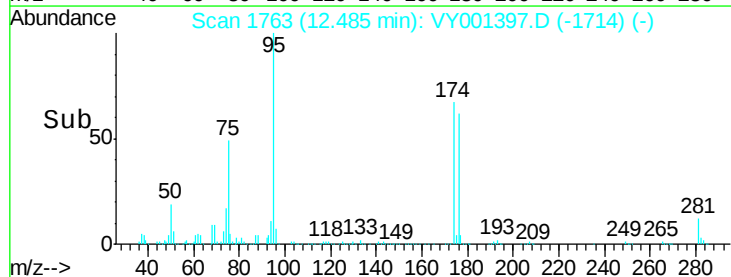
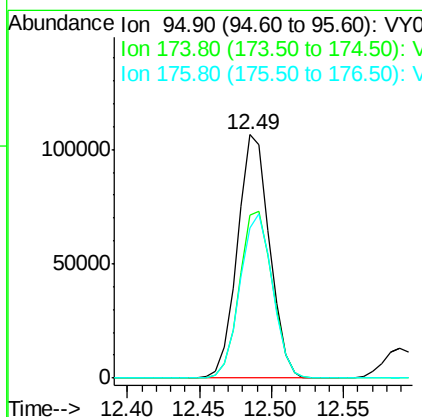
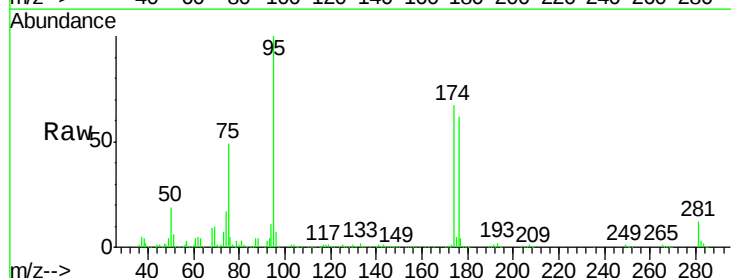
Manual Integrations
 APPROVED

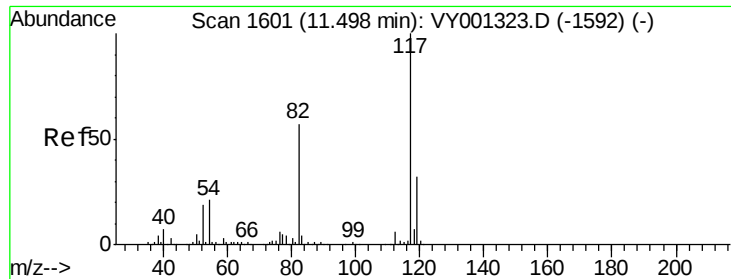
MMDadoda
 1/27/2020 12:02:20 PM



#62
 4-Bromofluorobenzene
 Concen: 50.527 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. -0.00 min
 Lab File: VY001397.D
 Acq: 24 Jan 2020 20:43

Tgt Ion	Ratio	Lower	Upper
95	100		
174	70.2	0.0	142.0
176	68.4	0.0	138.6





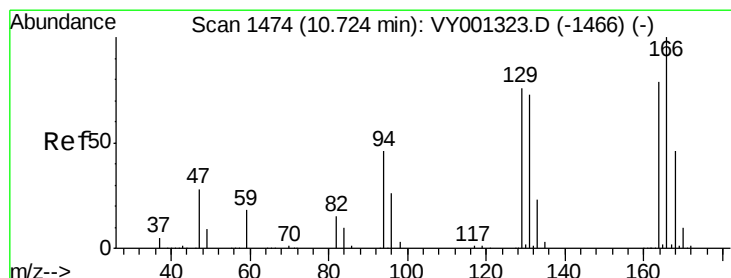
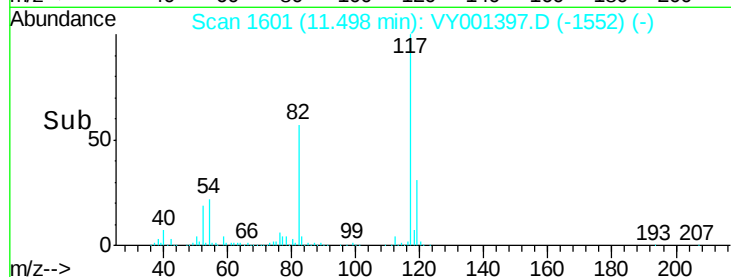
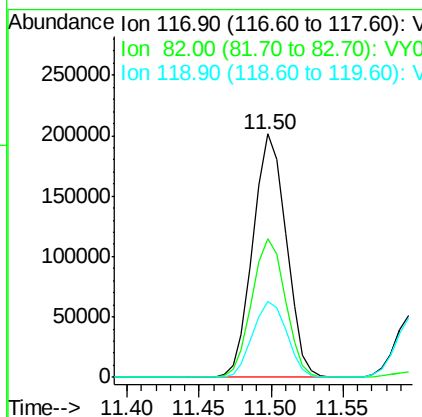
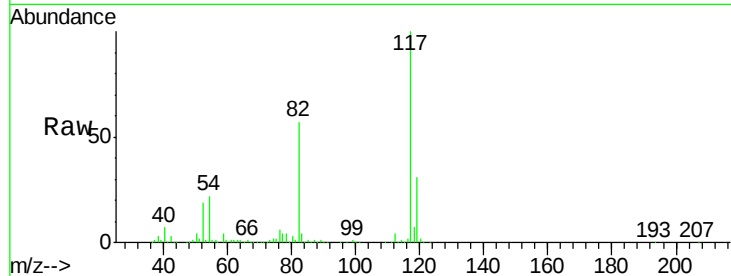
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VY001397.D
Acq: 24 Jan 2020 20:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	322280		
82	56.7		45.5	68.3
119	31.4		25.8	38.6

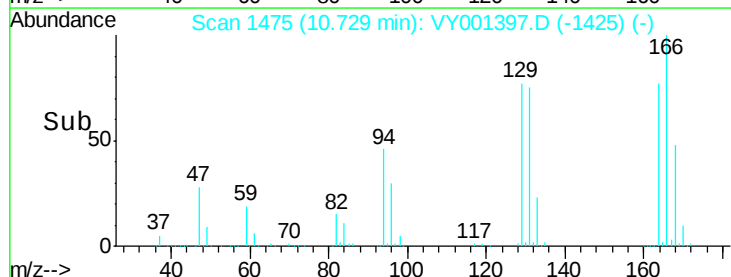
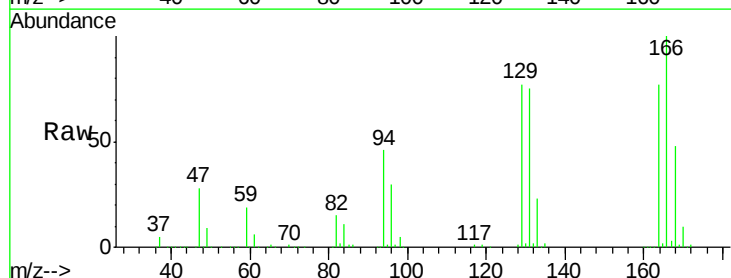
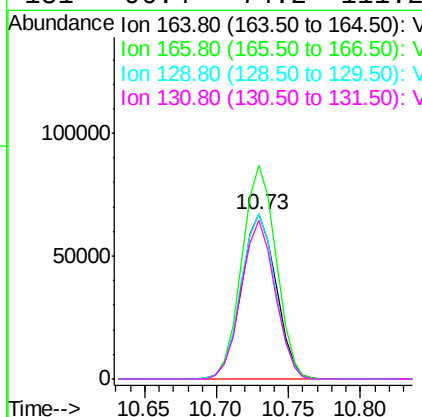
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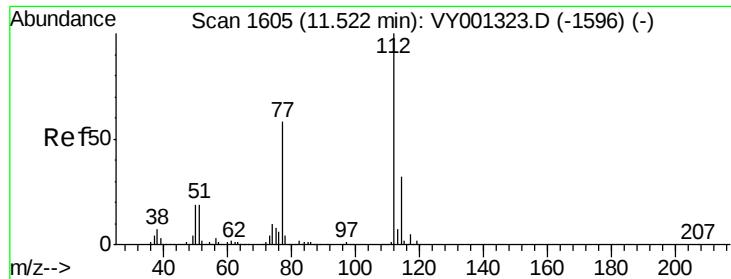
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#64
Tetrachloroethene
Concen: 54.319 ug/l
RT: 10.73 min Scan# 1475
Delta R.T. 0.01 min
Lab File: VY001397.D
Acq: 24 Jan 2020 20:43

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	111822		
166	129.4		101.8	152.8
129	100.0		77.1	115.7
131	96.4		74.2	111.2





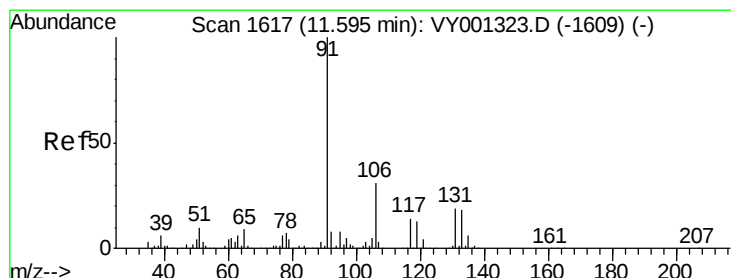
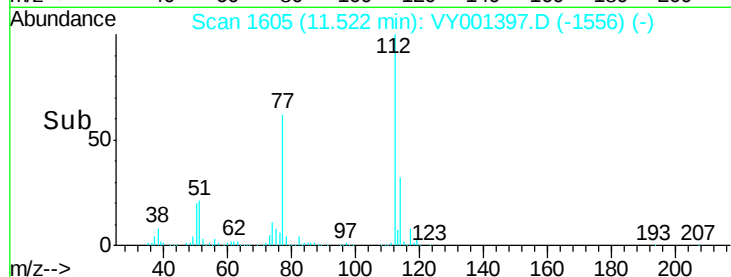
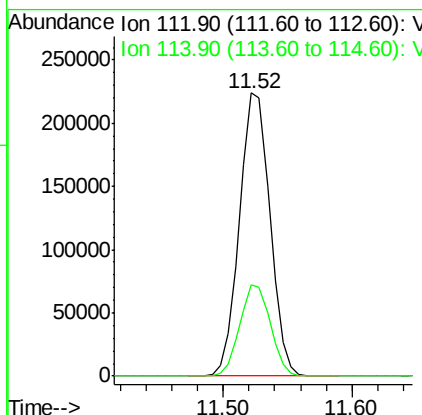
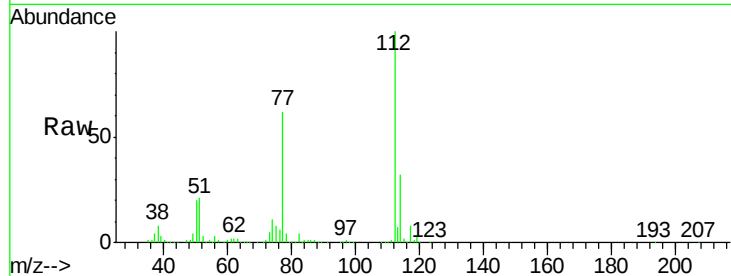
#65
Chlorobenzene
Concen: 53.983 ug/l
RT: 11.52 min Scan# 1605
Delta R.T. -0.00 min
Lab File: VY001397.D
Acq: 24 Jan 2020 20:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 366717
Ion Ratio Lower Upper
112 100
114 32.4 25.8 38.6

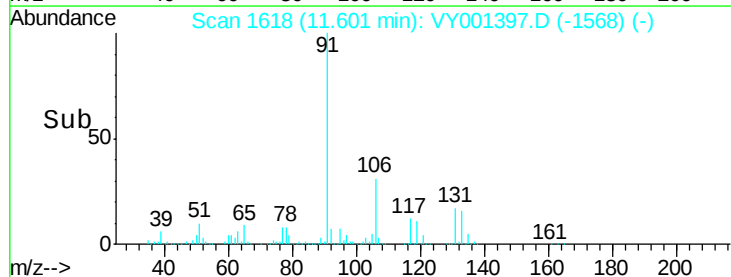
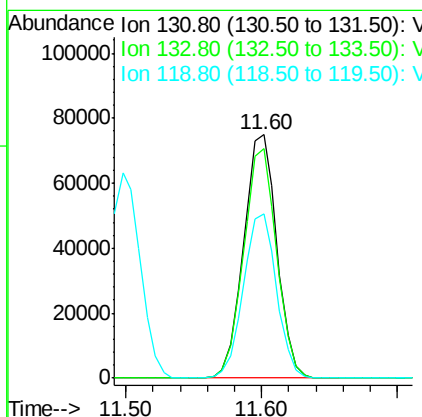
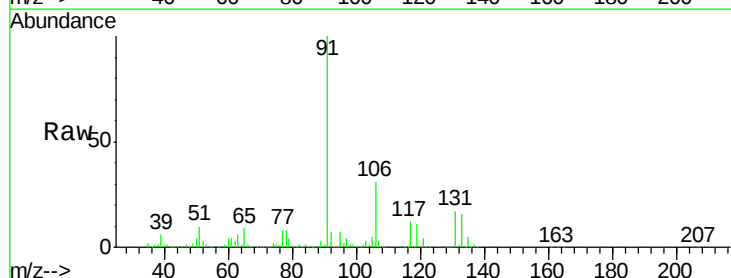
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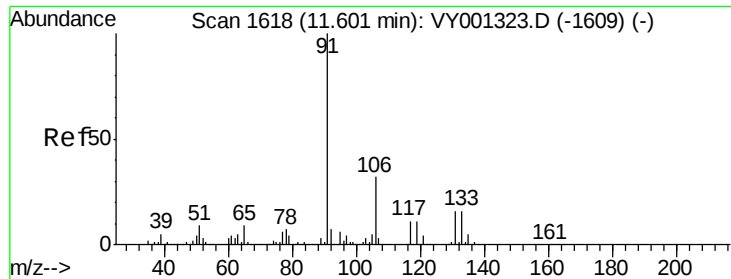
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#66
1,1,1,2-Tetrachloroethane
Concen: 55.192 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. 0.01 min
Lab File: VY001397.D
Acq: 24 Jan 2020 20:43

Tgt Ion:131 Resp: 127950
Ion Ratio Lower Upper
131 100
133 93.9 47.1 141.3
119 67.4 34.1 102.2





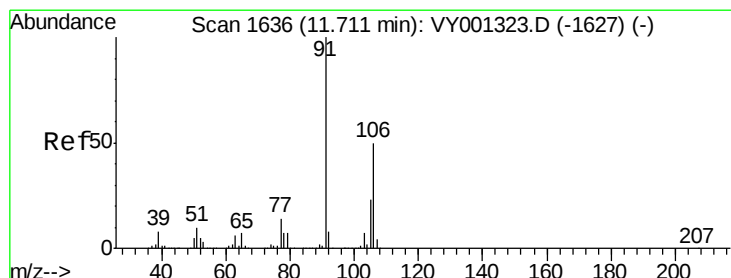
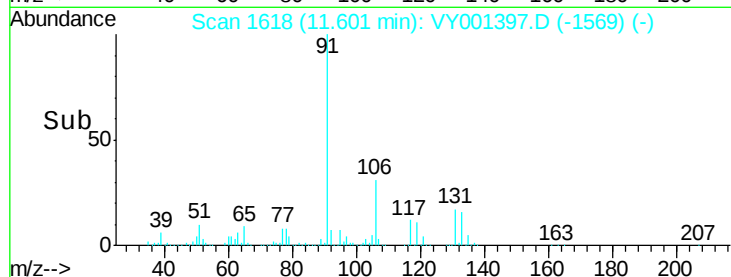
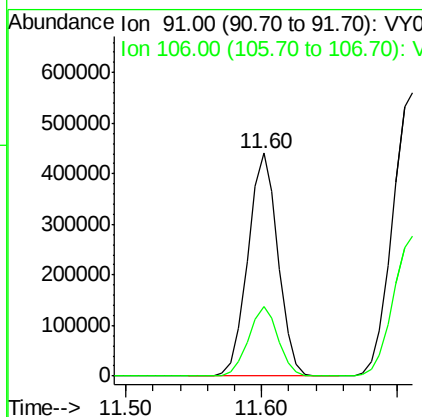
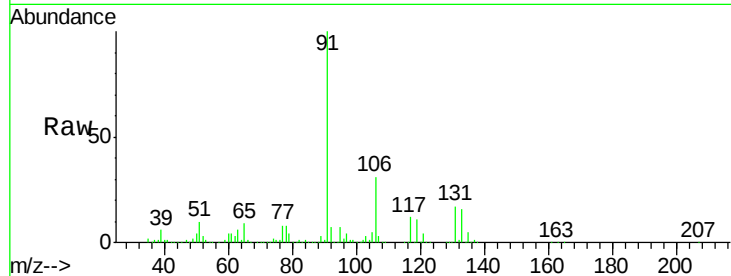
#67
Ethyl Benzene
Concen: 54.391 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VY001397.D
Acq: 24 Jan 2020 20:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 680923
Ion Ratio Lower Upper
91 100
106 31.3 25.4 38.0

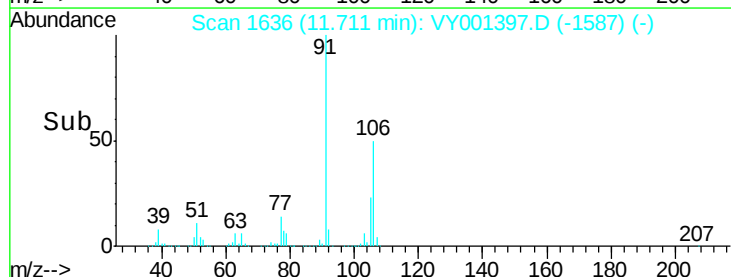
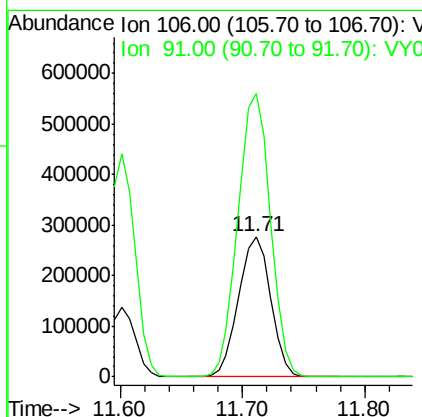
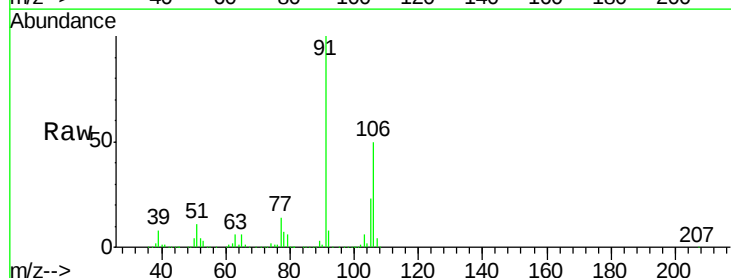
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#68
m/p-Xylenes
Concen: 108.304 ug/l
RT: 11.71 min Scan# 1636
Delta R.T. -0.00 min
Lab File: VY001397.D
Acq: 24 Jan 2020 20:43

Tgt Ion: 106 Resp: 506402
Ion Ratio Lower Upper
106 100
91 203.8 162.8 244.2





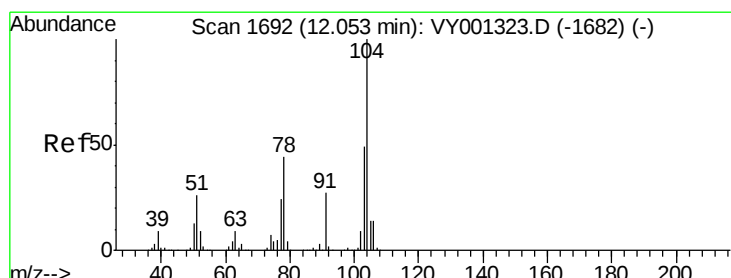
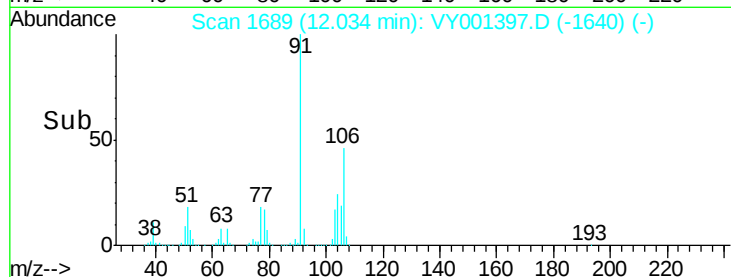
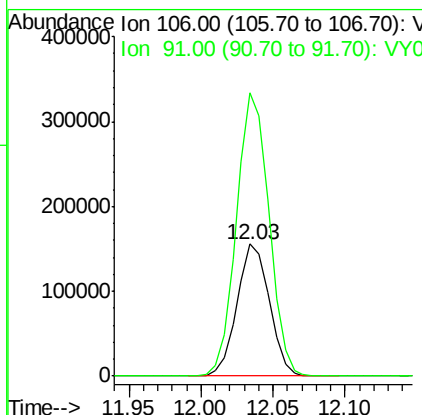
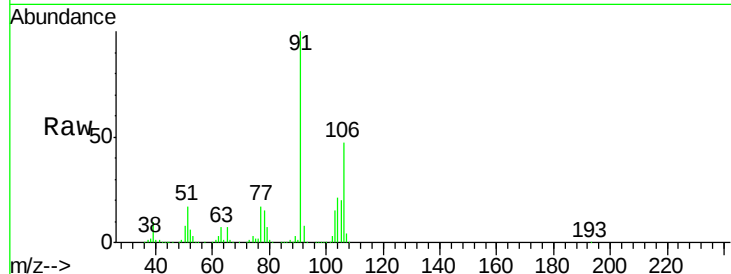
#69
o-Xylene
Concen: 54.126 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. -0.00 min
Lab File: VY001397.D
Acq: 24 Jan 2020 20:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		243462		
91	215.5	106.3	319.0		

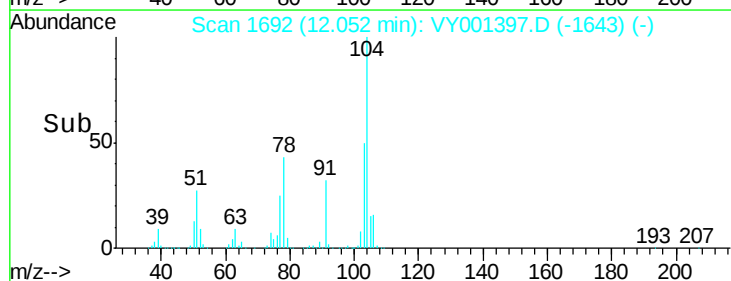
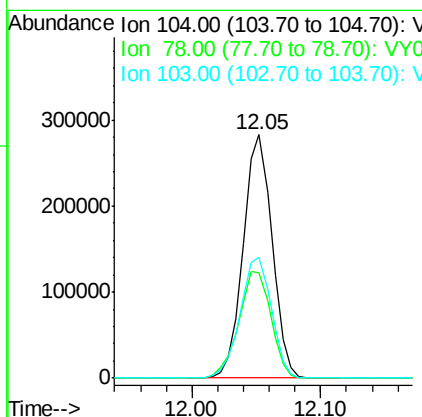
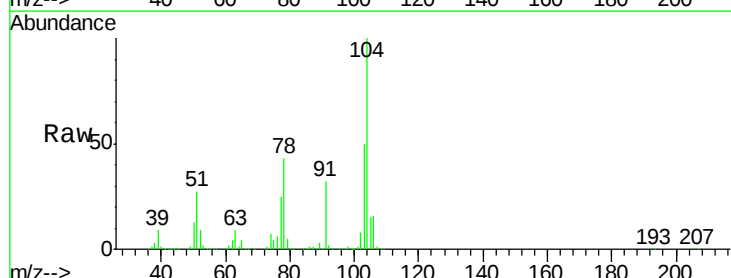
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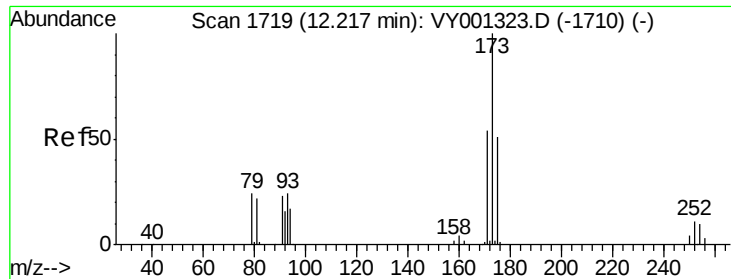
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#70
Styrene
Concen: 55.156 ug/l
RT: 12.05 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VY001397.D
Acq: 24 Jan 2020 20:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		435295		
78	49.4	39.8	59.8		
103	54.1	43.2	64.8		





#71

Bromoform

Concen: 53.917 ug/l

RT: 12.22 min Scan# 1719

Delta R.T. -0.00 min

Lab File: VY001397.D

Acq: 24 Jan 2020 20:43

Instrument :

MSVOA_Y

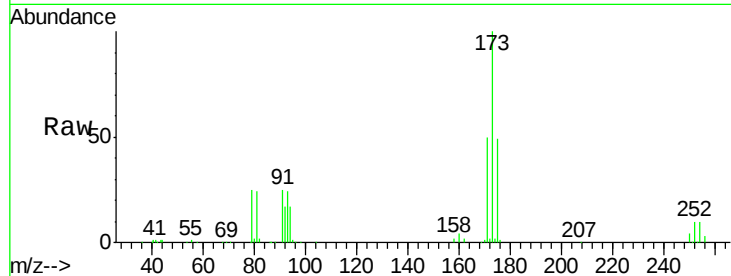
ClientSampleId :

VSTDCCC050EC

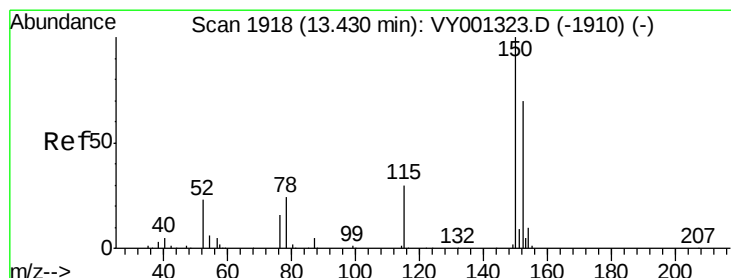
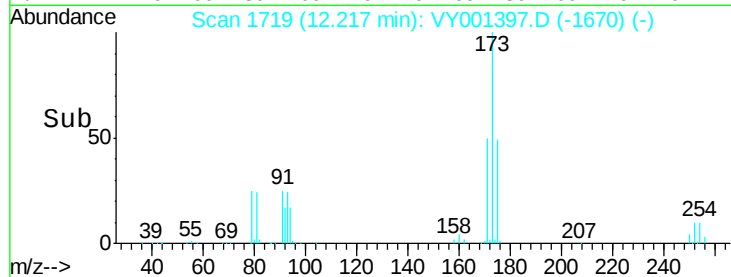
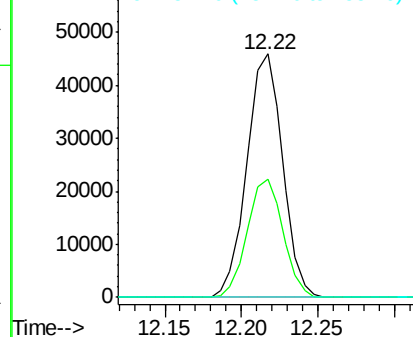
Tot Ion	Ratio	Lower	Upper
173	100		
175	48.6	24.3	72.9
254	0.1	0.0	0.0#

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

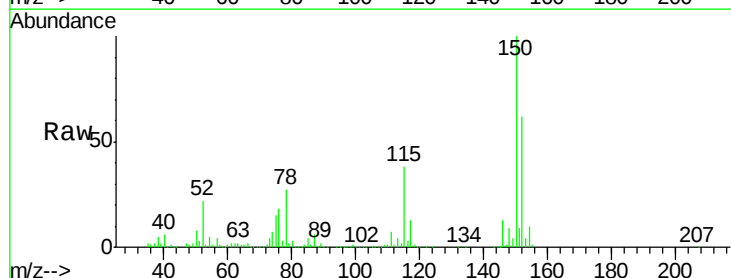
RT: 13.43 min Scan# 1918

Delta R.T. -0.00 min

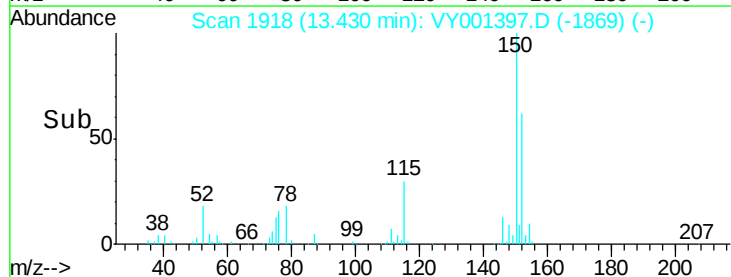
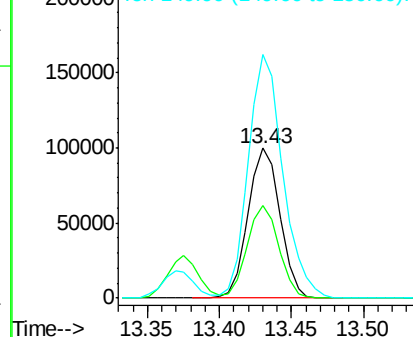
Lab File: VY001397.D

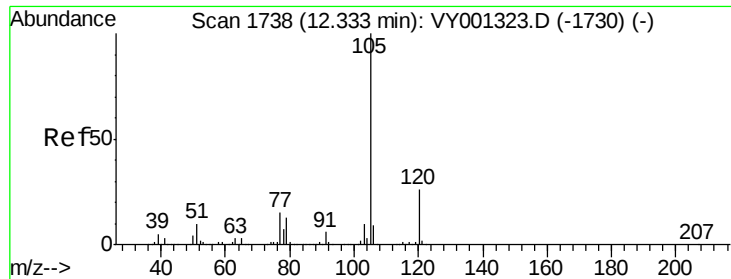
Acq: 24 Jan 2020 20:43

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.3	30.9	92.8
150	175.2	0.0	349.2



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





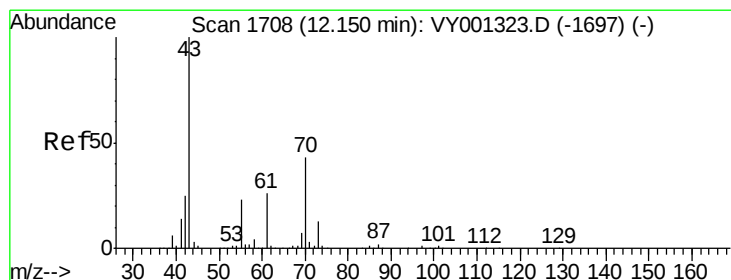
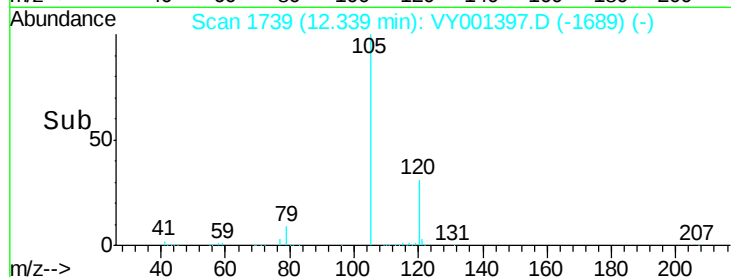
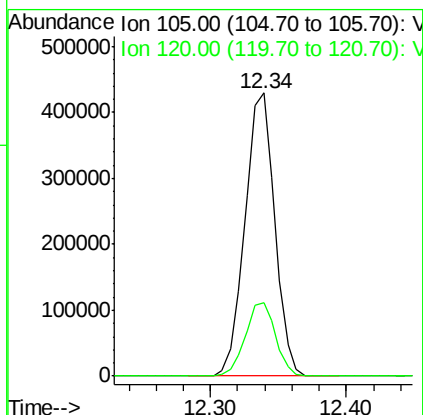
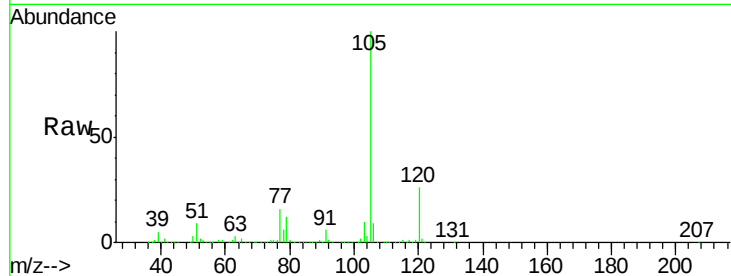
#73
Isopropylbenzene
Concen: 54.603 ug/l
RT: 12.34 min Scan# 1739
Delta R.T. 0.01 min
Lab File: VY001397.D
Acq: 24 Jan 2020 20:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.3	13.5	40.4

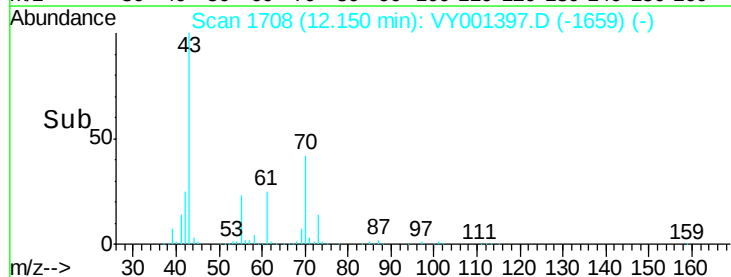
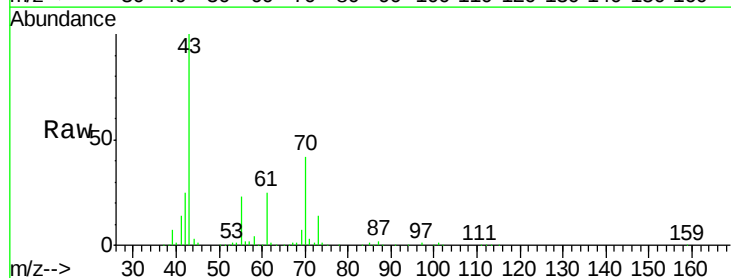
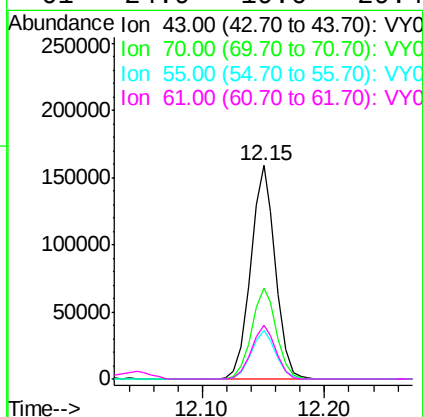
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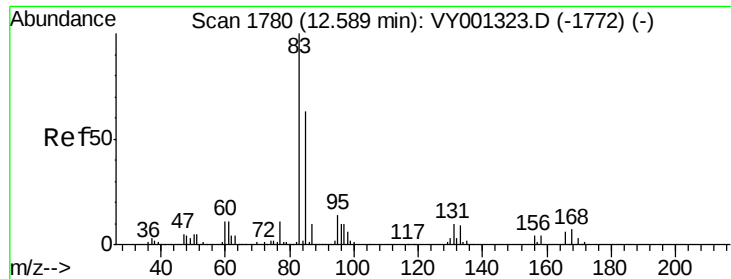
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#74
N-ethyl acetate
Concen: 56.042 ug/l
RT: 12.15 min Scan# 1708
Delta R.T. -0.00 min
Lab File: VY001397.D
Acq: 24 Jan 2020 20:43

Tgt Ion	Ratio	Lower	Upper
43	100		
70	43.0	33.5	50.3
55	23.1	18.2	27.2
61	24.9	19.6	29.4





#75

1,1,2,2-Tetrachloroethane

Concen: 55.173 ug/l

RT: 12.59 min Scan# 1780

Delta R.T. -0.00 min

Lab File: VY001397.D

Acq: 24 Jan 2020 20:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 83 Resp: 142770

Ion Ratio Lower Upper

83 100

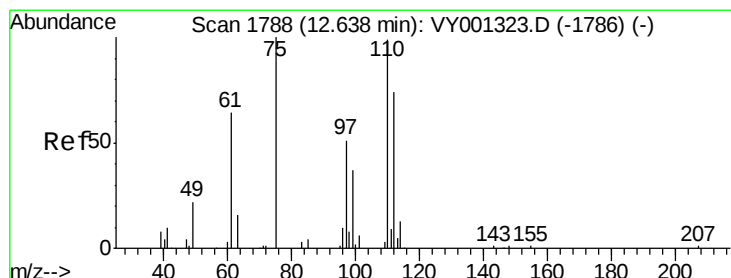
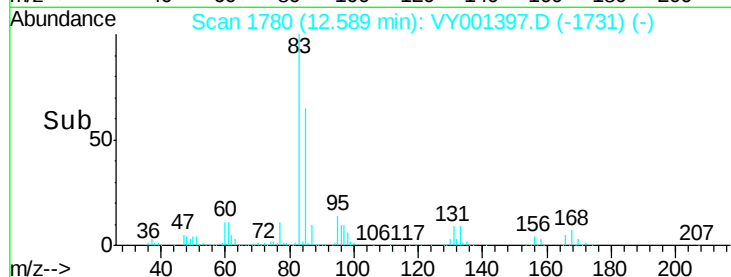
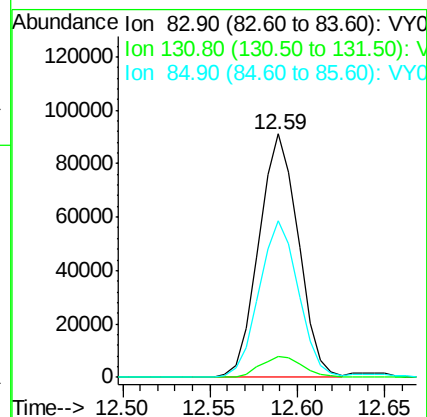
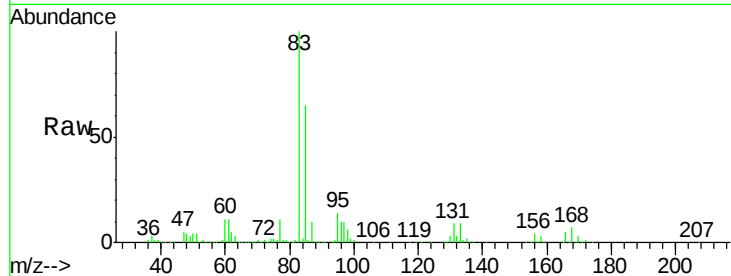
131 9.5 4.9 14.6

85 64.2 31.4 94.3

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 56.561 ug/l m

RT: 12.64 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VY001397.D

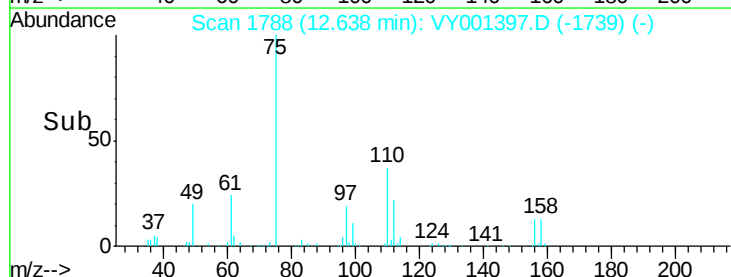
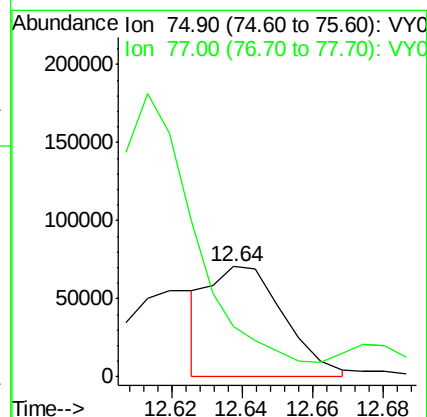
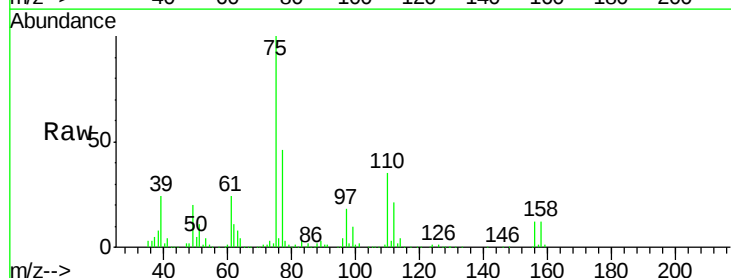
Acq: 24 Jan 2020 20:43

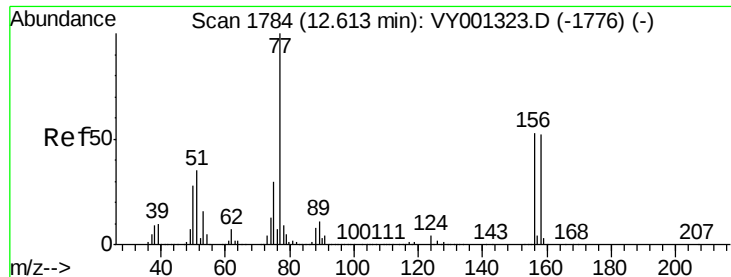
Tgt Ion: 75 Resp: 104363

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 53.887 ug/l

RT: 12.61 min Scan# 1784

Delta R.T. -0.00 min

Lab File: VY001397.D

Acq: 24 Jan 2020 20:43

Instrument :

MSVOA_Y

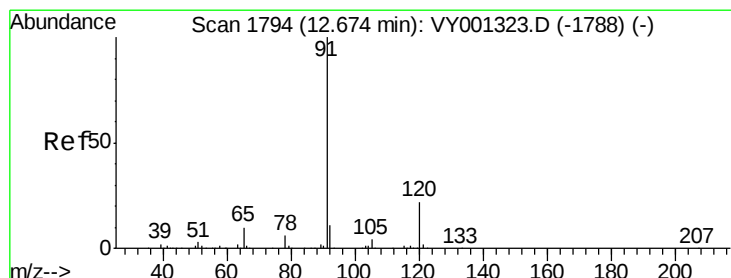
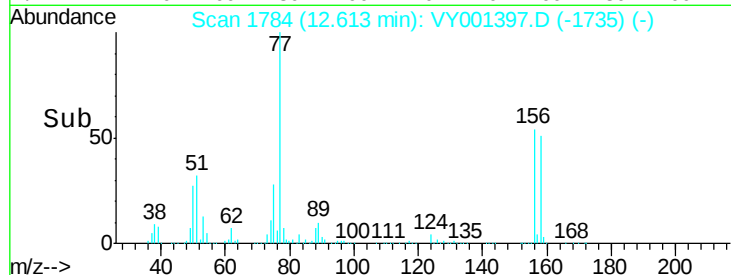
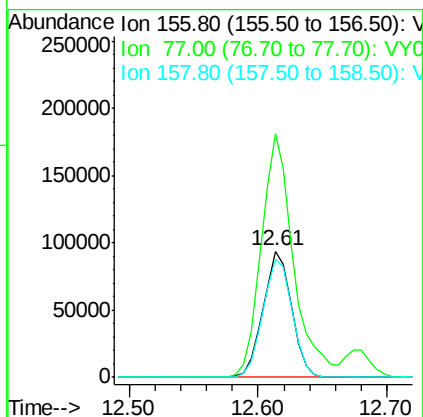
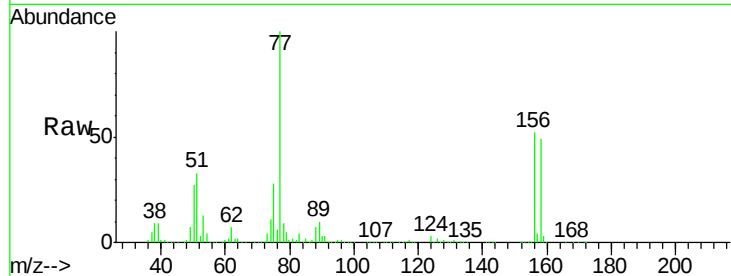
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	144213
Ion Ratio	Lower	Upper	
156	100		
77	217.2	104.7	313.9
158	96.3	48.6	145.8

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#78

n-propylbenzene

Concen: 55.181 ug/l

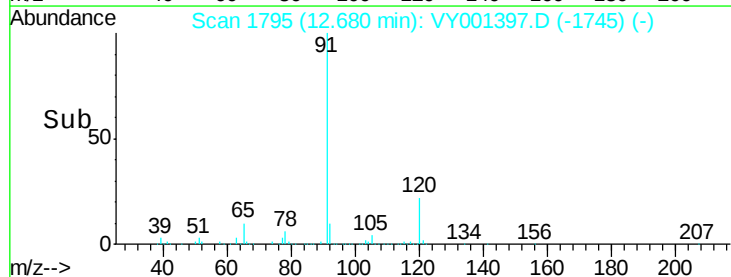
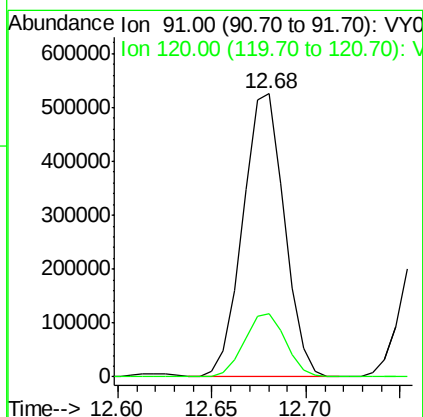
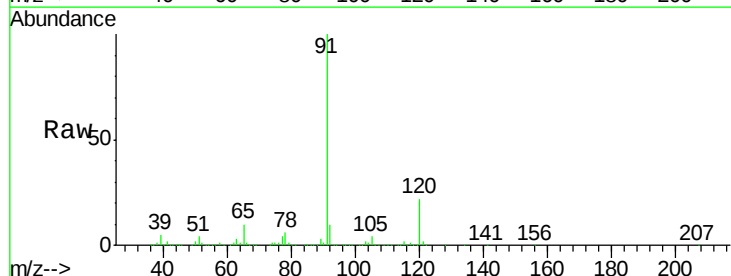
RT: 12.68 min Scan# 1795

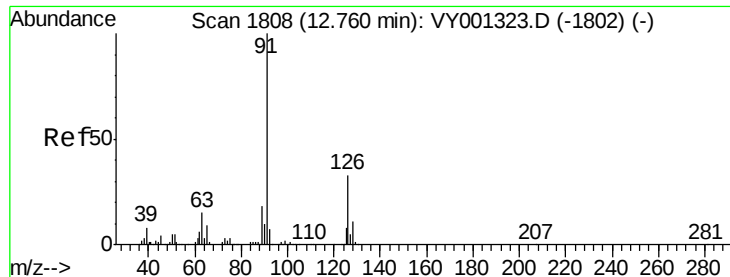
Delta R.T. 0.01 min

Lab File: VY001397.D

Acq: 24 Jan 2020 20:43

Tgt Ion:	91	Resp:	802514
Ion Ratio	Lower	Upper	
91	100		
120	22.2	11.3	33.8





#79

2-Chlorotoluene

Concen: 55.577 ug/l

RT: 12.76 min Scan# 1808

Delta R.T. -0.00 min

Lab File: VY001397.D

Acq: 24 Jan 2020 20:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 461749

Ion Ratio Lower Upper

91 100

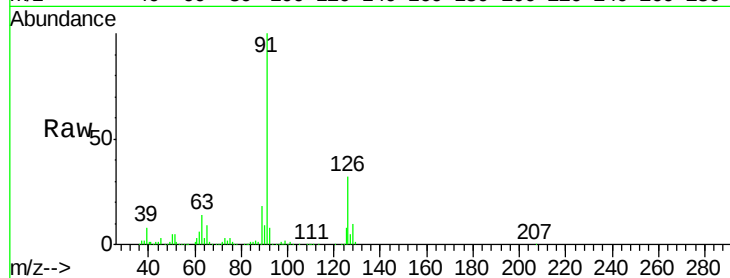
126 32.2 16.6 49.7

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Abundance Ion 91.00 (90.70 to 91.70): VY001323.D (-1802) (-)

Ion 125.90 (125.60 to 126.60): VY001323.D (-1802) (-)

600000

500000

400000

300000

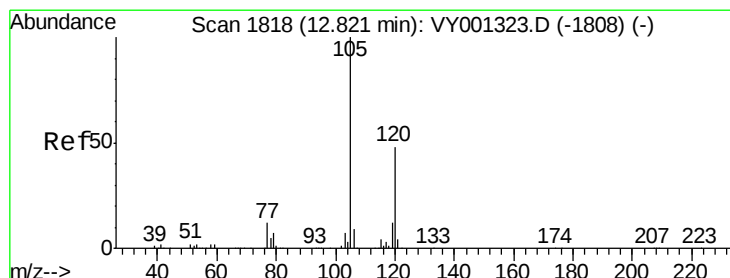
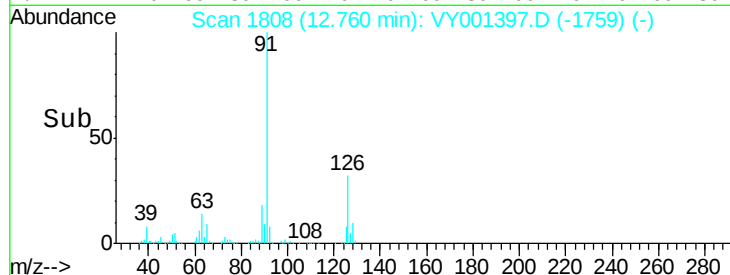
200000

100000

0

12.70 12.75 12.80

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 55.290 ug/l

RT: 12.82 min Scan# 1818

Delta R.T. -0.00 min

Lab File: VY001397.D

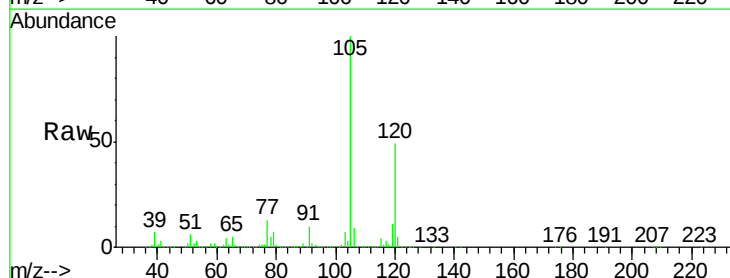
Acq: 24 Jan 2020 20:43

Tgt Ion: 105 Resp: 557634

Ion Ratio Lower Upper

105 100

120 48.5 24.3 72.9



Abundance Ion 105.00 (104.70 to 105.70): VY001323.D (-1808) (-)

Ion 120.00 (119.70 to 120.70): VY001323.D (-1808) (-)

400000

300000

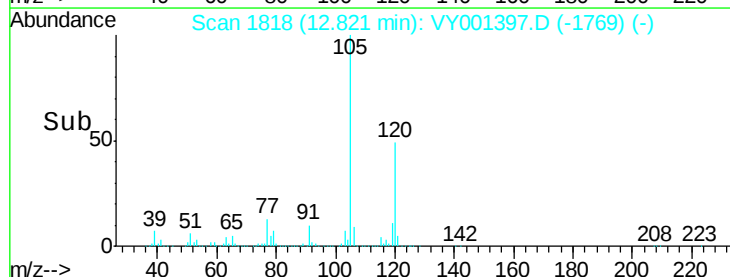
200000

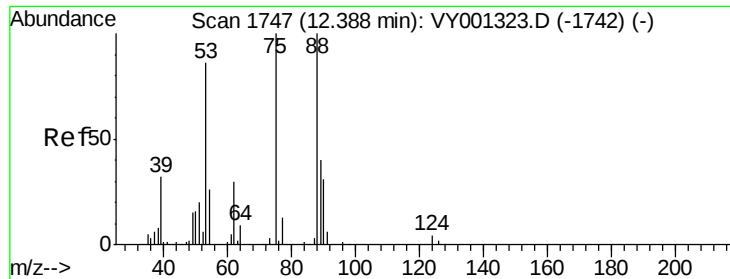
100000

0

12.80 12.90

Time-->





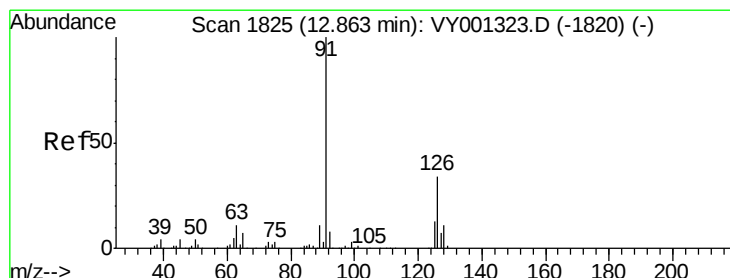
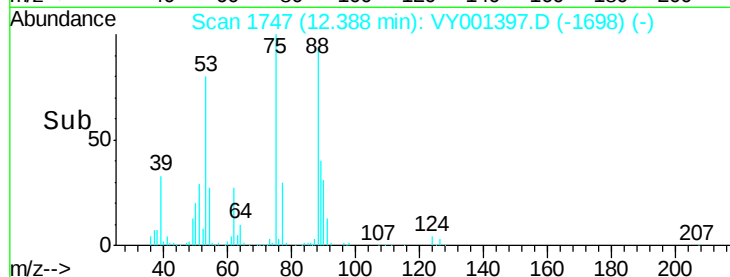
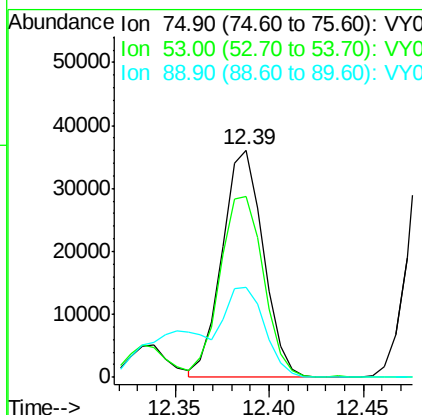
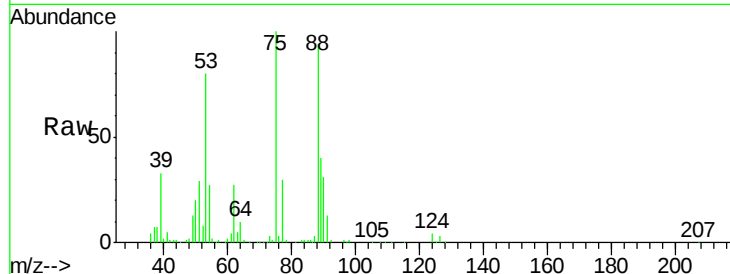
#81
trans-1,4-Dichloro-2-butene
Concen: 56.171 ug/l
RT: 12.39 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VY001397.D
Acq: 24 Jan 2020 20:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	84.7	69.9	104.9
89	39.1	36.6	54.8

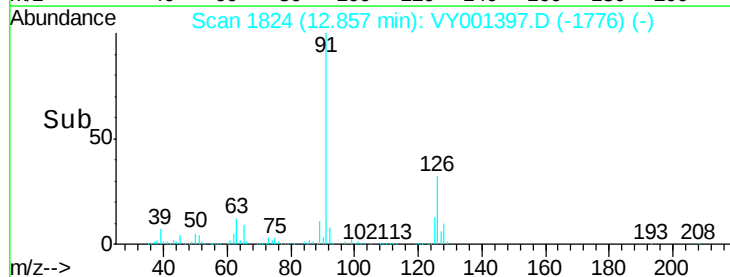
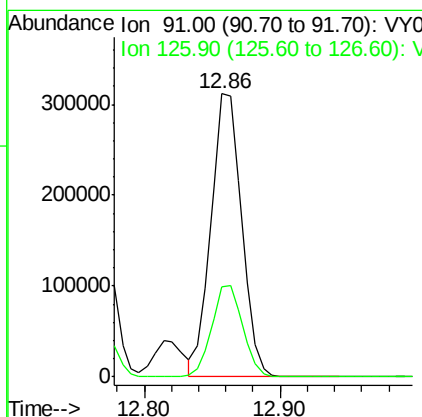
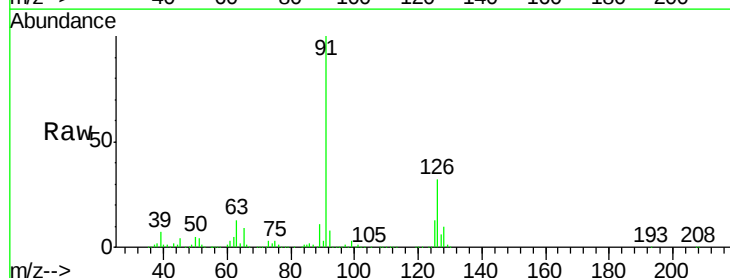
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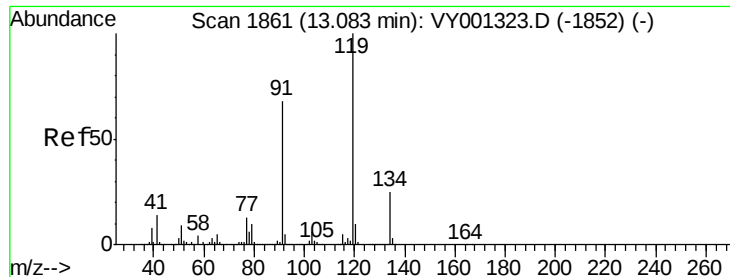
MMDadoda
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#82
4-Chlorotoluene
Concen: 54.760 ug/l
RT: 12.86 min Scan# 1824
Delta R.T. -0.01 min
Lab File: VY001397.D
Acq: 24 Jan 2020 20:43

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.7	16.4	49.4





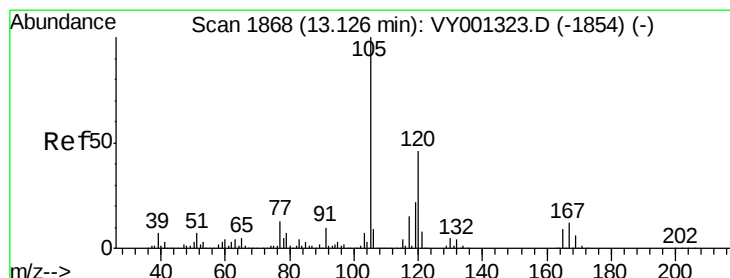
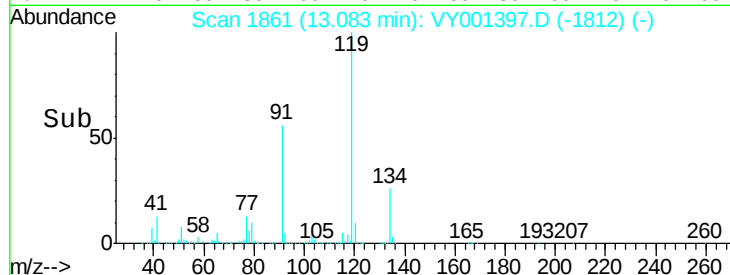
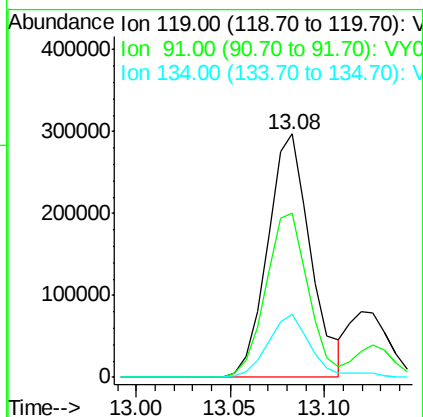
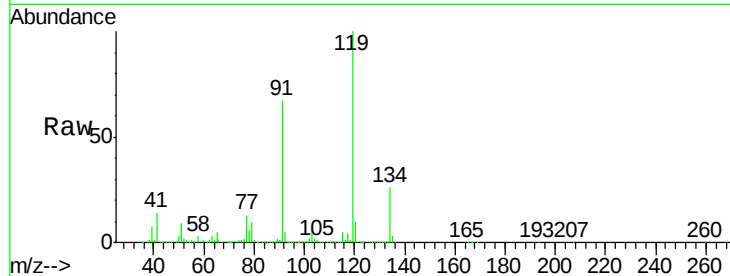
#83
 tert-Butylbenzene
 Concen: 55.216 ug/l
 RT: 13.08 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: VY001397.D
 Acq: 24 Jan 2020 20:43

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	66.4	33.0	99.0
134	26.3	13.3	39.9

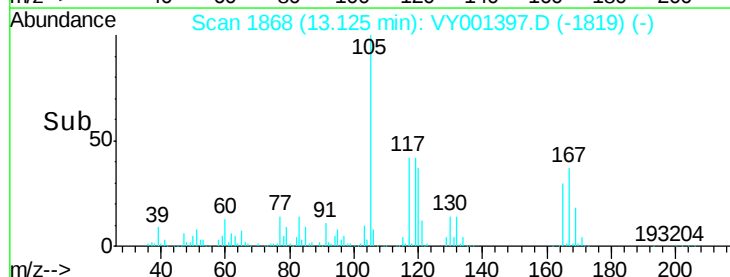
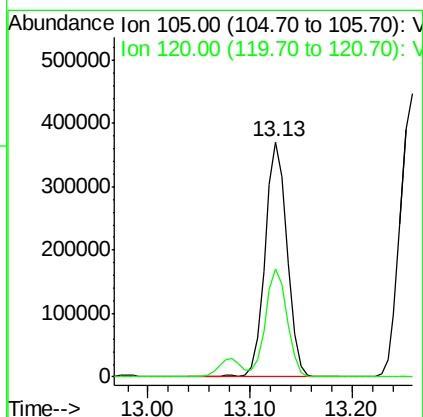
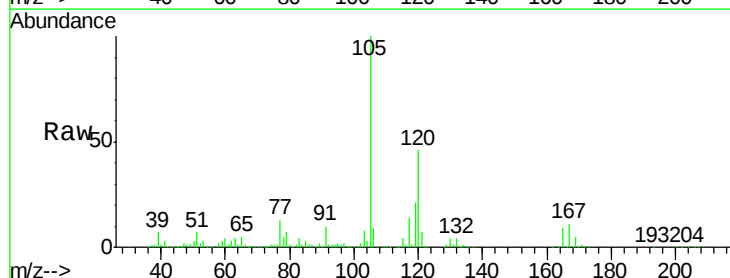
Manual Integrations
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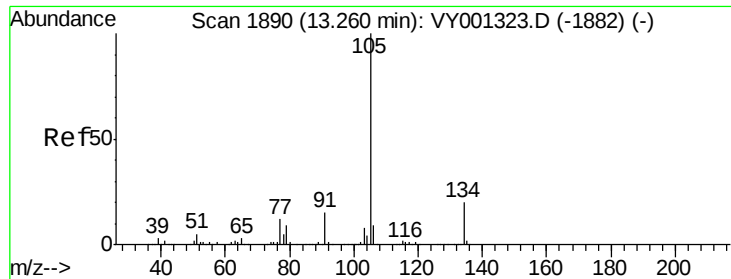
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#84
 1,2,4-Trimethylbenzene
 Concen: 54.613 ug/l
 RT: 13.13 min Scan# 1868
 Delta R.T. -0.00 min
 Lab File: VY001397.D
 Acq: 24 Jan 2020 20:43

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.8	22.4	67.3





#85

sec-Butylbenzene

Concen: 55.475 ug/l

RT: 13.26 min Scan# 1890

Delta R.T. -0.00 min

Lab File: VY001397.D

Acq: 24 Jan 2020 20:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 670074

Ion Ratio Lower Upper

105 100

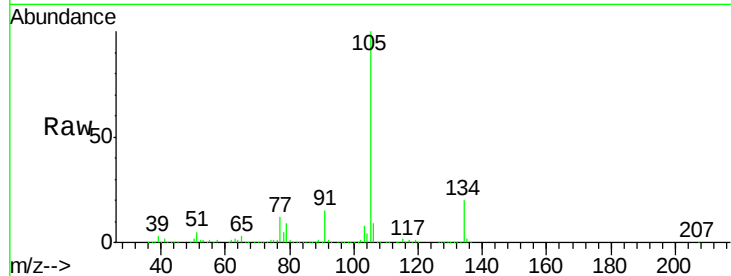
134 19.6 9.8 29.4

Manual Integrations

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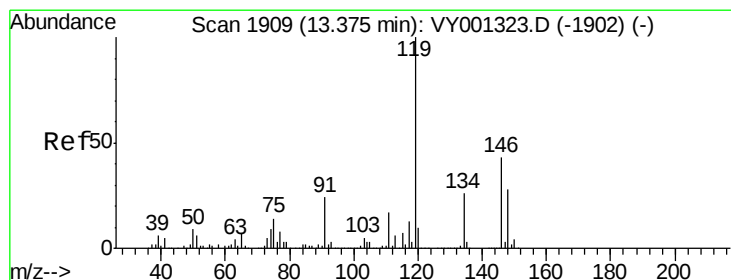
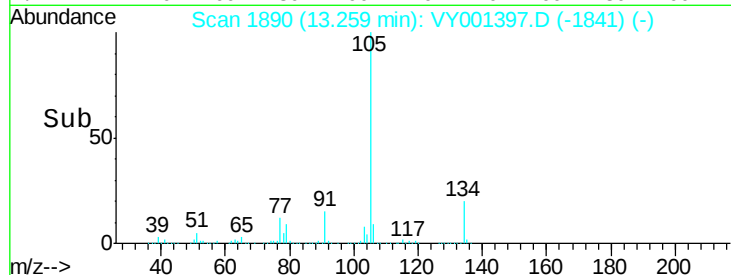
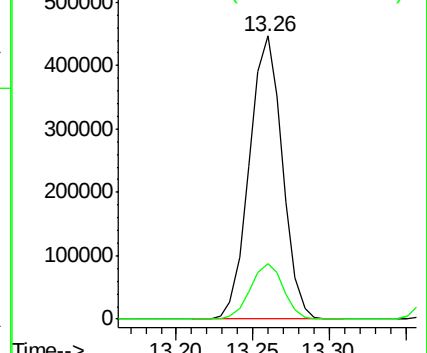
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 55.235 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. -0.00 min

Lab File: VY001397.D

Acq: 24 Jan 2020 20:43

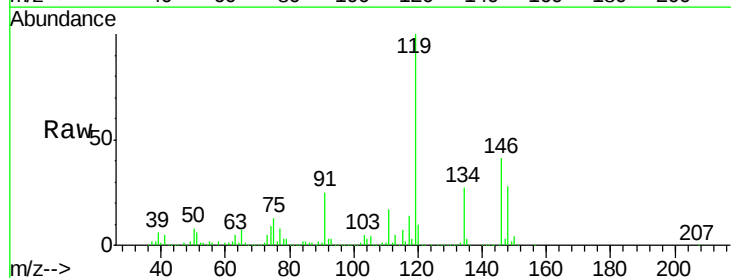
Tgt Ion:119 Resp: 587942

Ion Ratio Lower Upper

119 100

134 26.4 13.5 40.4

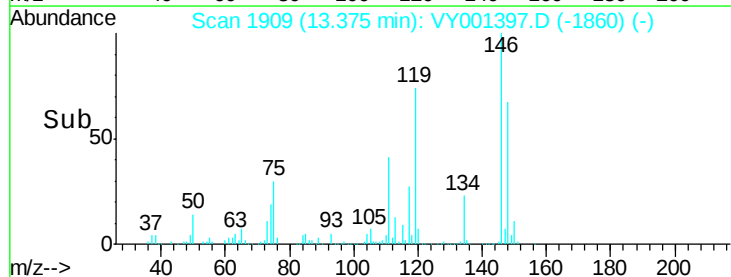
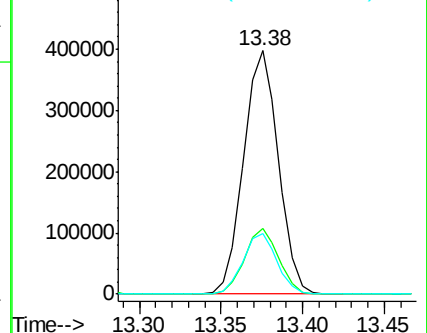
91 24.4 12.2 36.6

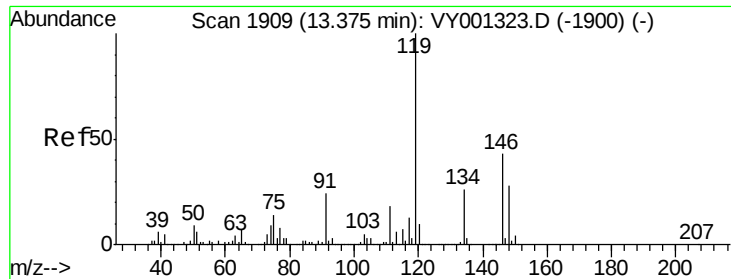


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





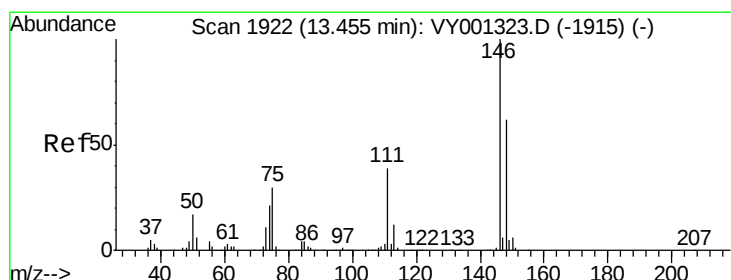
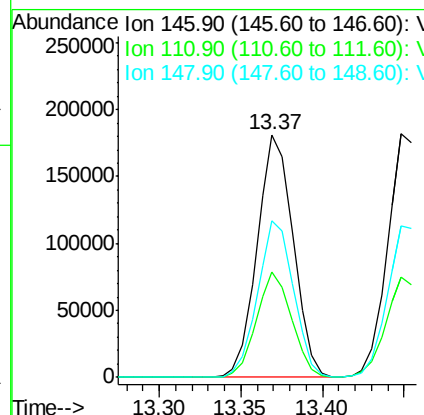
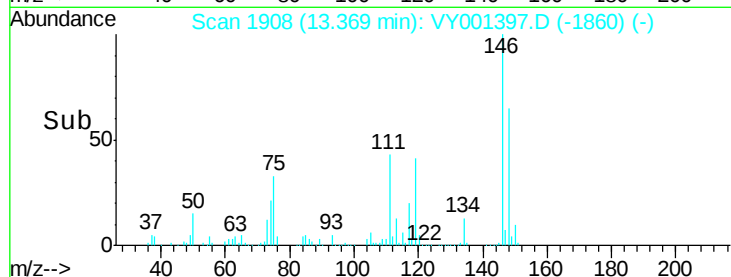
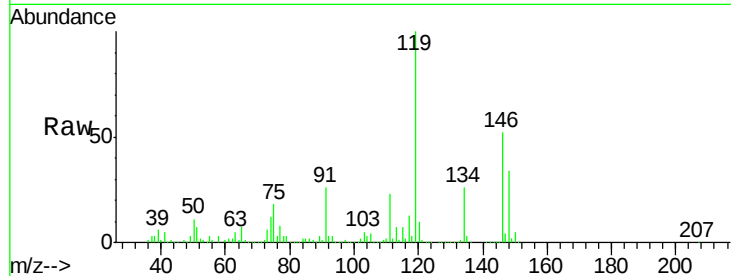
#87
 1,3-Dichlorobenzene
 Concen: 54.043 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. -0.01 min
 Lab File: VY001397.D
 Acq: 24 Jan 2020 20:43

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100	278543		
111	42.6	20.6	61.8	
148	64.4	31.6	95.0	

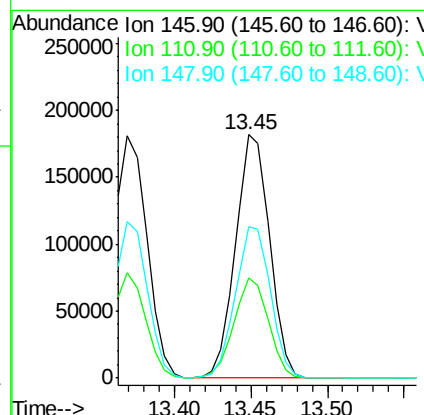
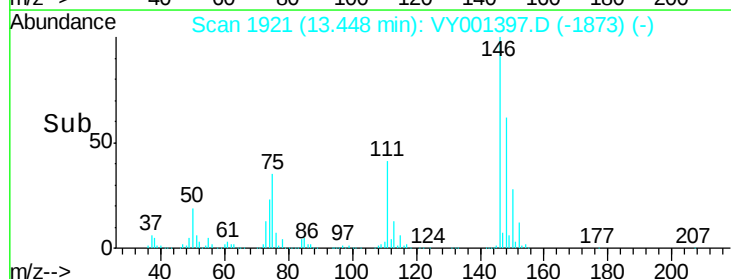
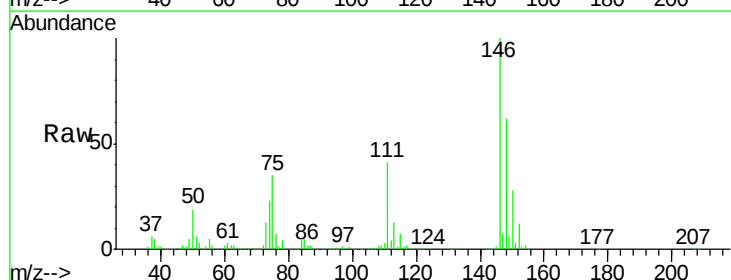
Manual Integrations
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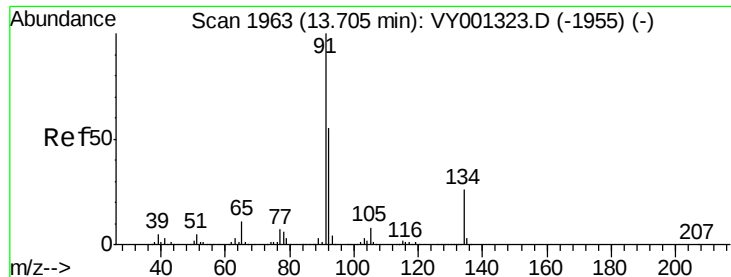
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#88
 1,4-Dichlorobenzene
 Concen: 53.756 ug/l
 RT: 13.45 min Scan# 1921
 Delta R.T. -0.01 min
 Lab File: VY001397.D
 Acq: 24 Jan 2020 20:43

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	281319		
111	41.6	20.5	61.5	
148	63.8	31.6	95.0	





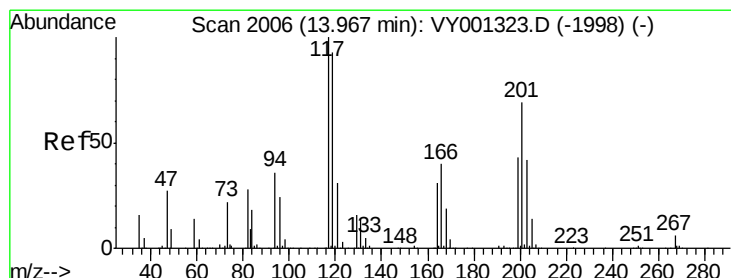
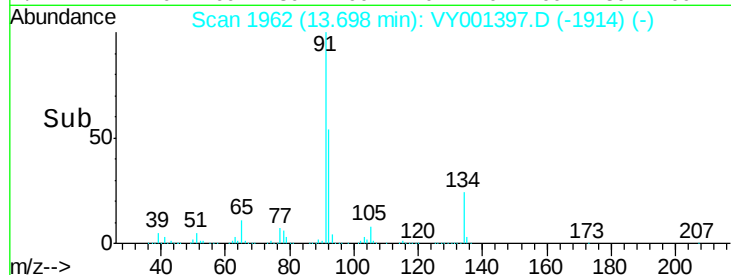
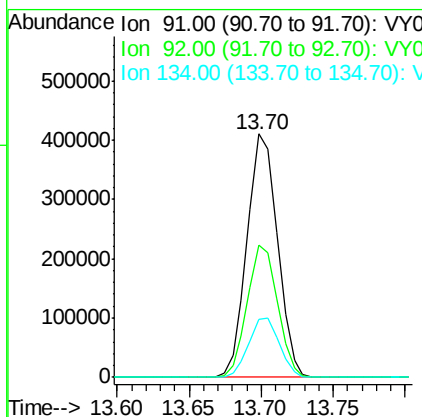
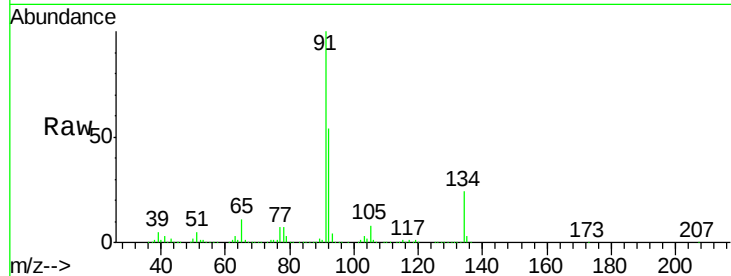
#89
n-Butylbenzene
Concen: 56.043 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. -0.01 min
Lab File: VY001397.D
Acq: 24 Jan 2020 20:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.2	27.6	82.8
134	24.7	12.9	38.6

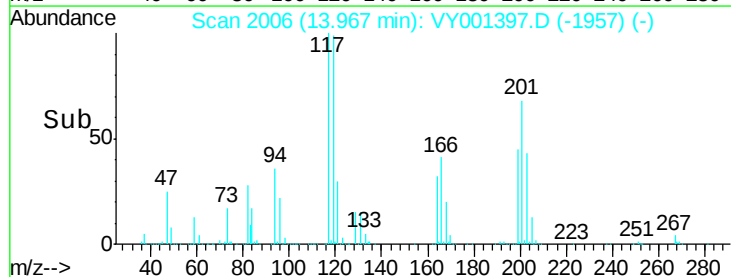
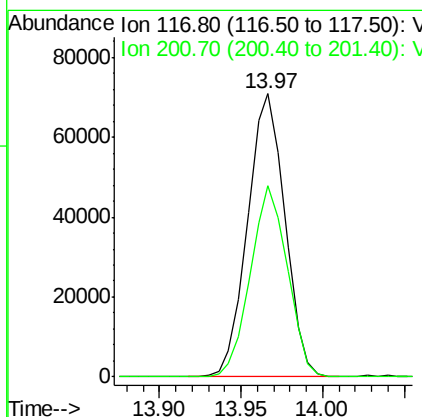
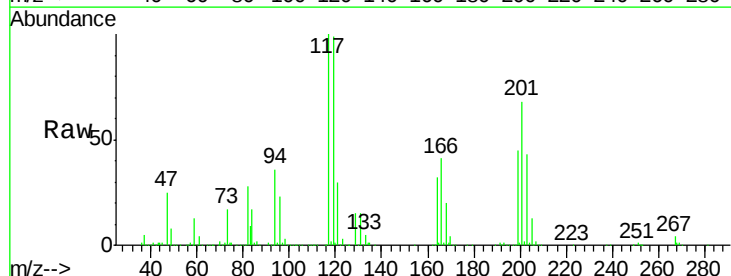
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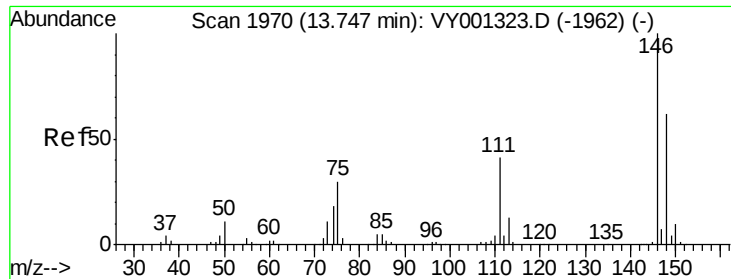
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#90
Hexachloroethane
Concen: 56.041 ug/l
RT: 13.97 min Scan# 2006
Delta R.T. -0.00 min
Lab File: VY001397.D
Acq: 24 Jan 2020 20:43

Tgt Ion	Ratio	Lower	Upper
117	100		
201	66.8	34.6	103.8





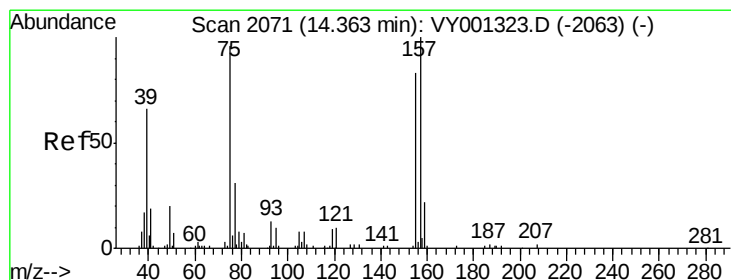
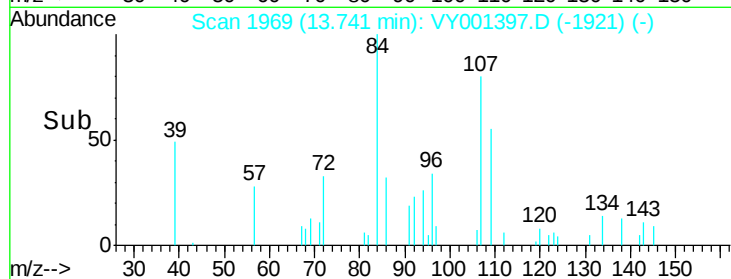
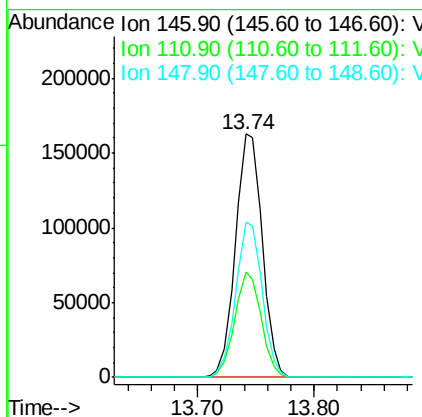
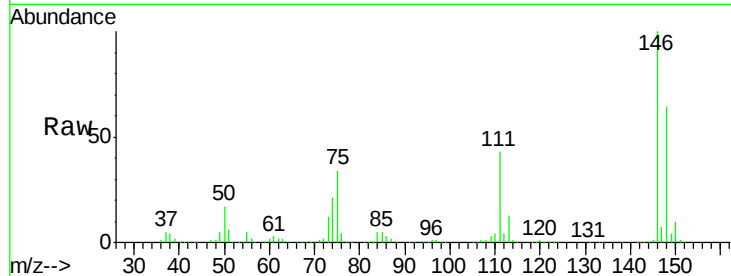
#91
 1,2-Dichlorobenzene
 Concen: 54.953 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. -0.01 min
 Lab File: VY001397.D
 Acq: 24 Jan 2020 20:43

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.0	21.1	63.4
148	62.9	31.5	94.5

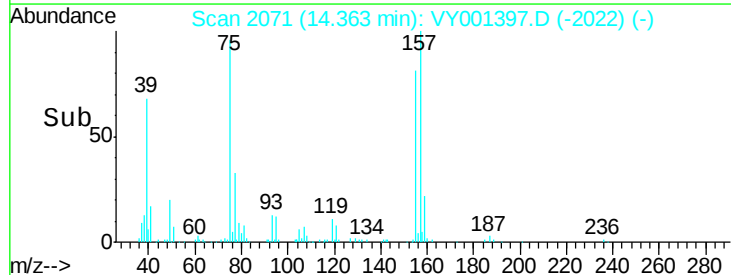
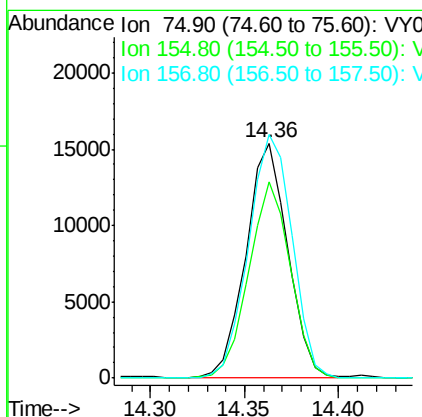
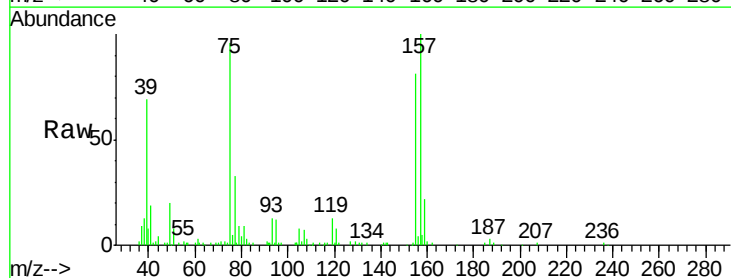
Manual Integrations
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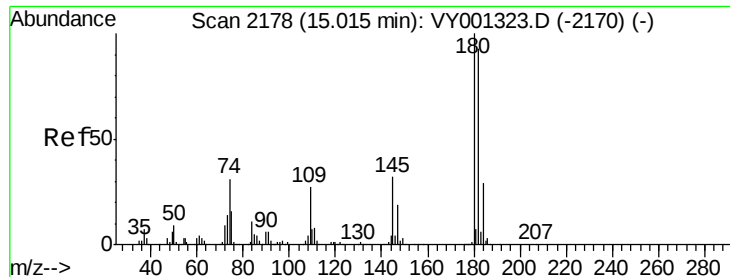
MMDadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.162 ug/l
 RT: 14.36 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VY001397.D
 Acq: 24 Jan 2020 20:43

Tgt Ion	Ratio	Lower	Upper
75	100		
155	83.2	43.0	129.2
157	108.0	53.3	160.0





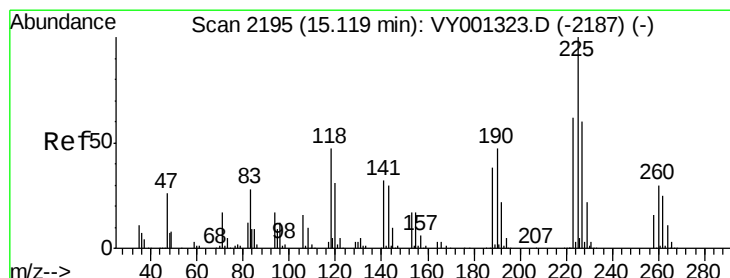
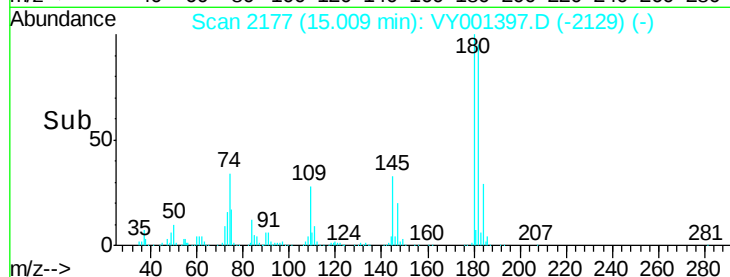
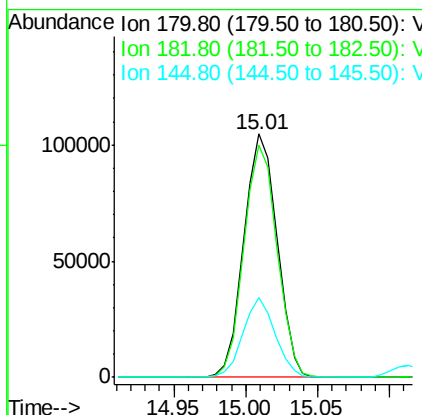
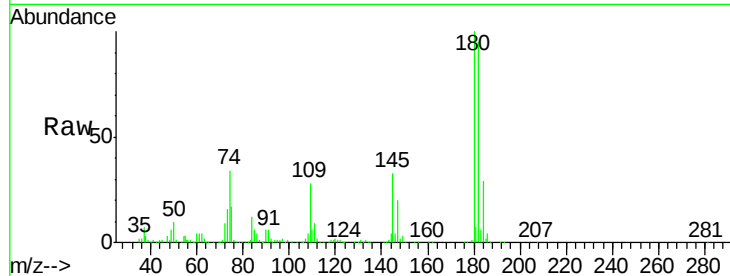
#93
1,2,4-Trichlorobenzene
Concen: 52.449 ug/l
RT: 15.01 min Scan# 2177
Delta R.T. -0.01 min
Lab File: VY001397.D
Acq: 24 Jan 2020 20:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	167326		
182	94.7	47.6	142.8	
145	31.7	16.3	48.9	

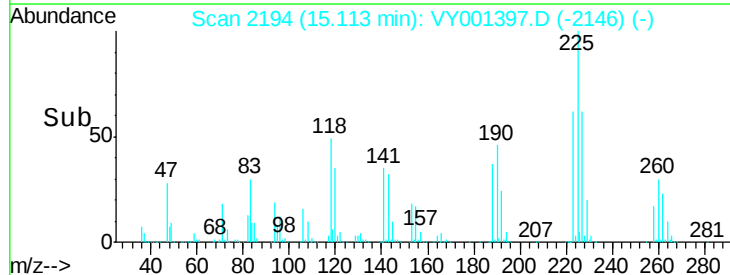
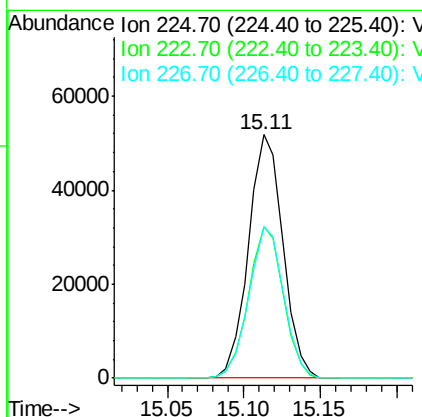
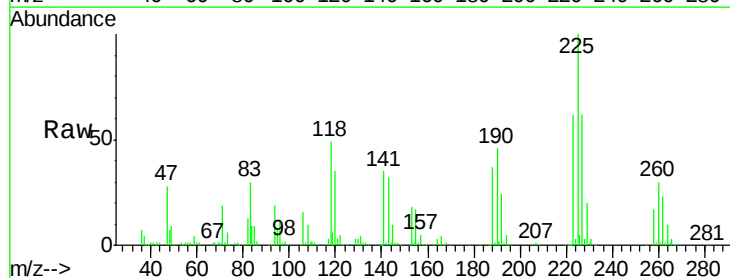
Manual Integrations
APPROVED

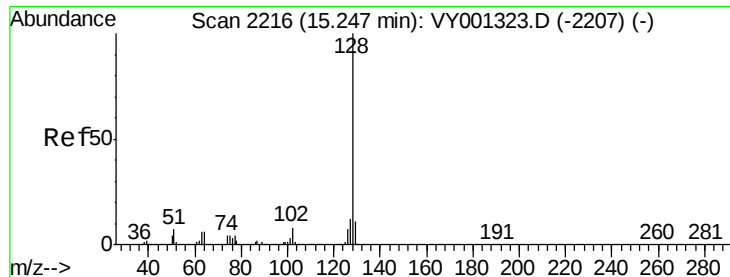
MMDadoda
1/27/2020 12:02:20 PM



#94
Hexachlorobutadiene
Concen: 52.292 ug/l
RT: 15.11 min Scan# 2194
Delta R.T. -0.01 min
Lab File: VY001397.D
Acq: 24 Jan 2020 20:43

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	81229		
223	62.5	31.2	93.6	
227	62.9	31.0	93.0	





#95

Naphthalene

Concen: 56.045 ug/l

RT: 15.24 min Scan# 2215

Delta R.T. -0.01 min

Lab File: VY001397.D

Acq: 24 Jan 2020 20:43

Instrument :

MSVOA_Y

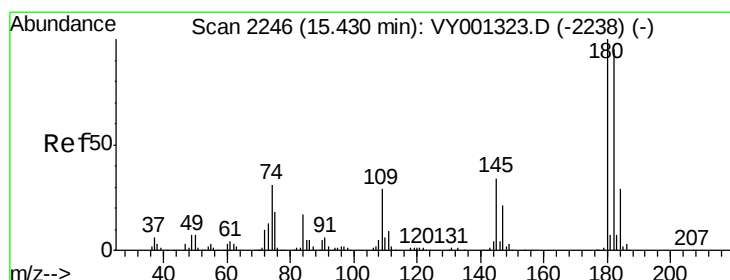
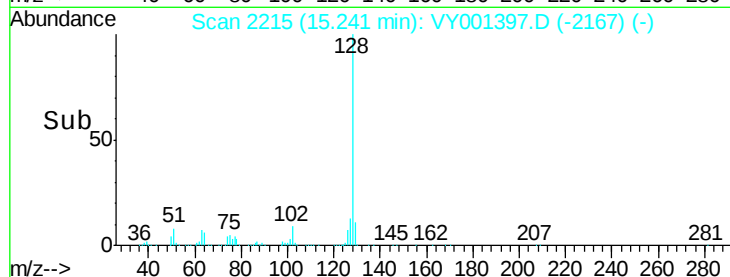
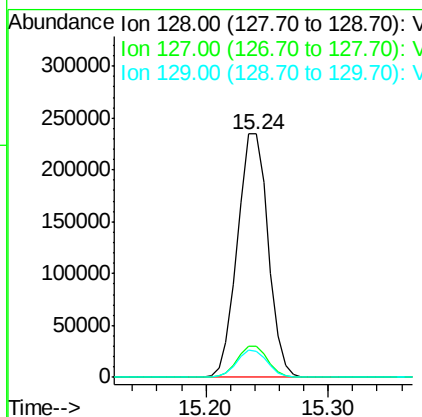
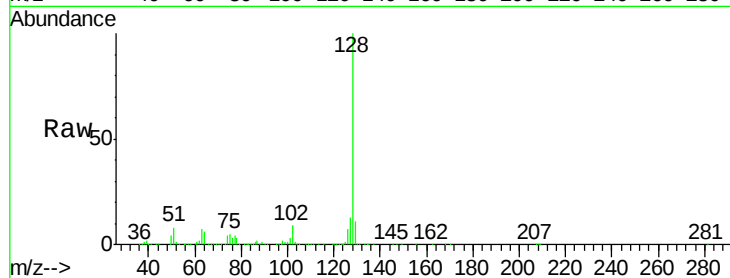
ClientSampleId :

VSTDCCC050EC

Tot Ion:	128	Resp:	408840
Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.2	15.2
129	11.1	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
1/27/2020 12:02:20 PM



#96

1,2,3-Trichlorobenzene

Concen: 53.189 ug/l

RT: 15.42 min Scan# 2245

Delta R.T. -0.01 min

Lab File: VY001397.D

Acq: 24 Jan 2020 20:43

Tgt Ion:	180	Resp:	148850
Ion	Ratio	Lower	Upper
180	100		
182	95.6	47.3	141.8
145	34.9	16.8	50.3

