

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY040220\
 Data File : VY002182.D
 Acq On : 02 Apr 2020 11:09
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
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sam
 4/3/2020 5:53:07 PM

Quant Time: Apr 03 03:34:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y032620S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 07:11:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	155446	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	282665	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	253649	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	116509	50.00	ug/l	0.01

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.17	65	88645	51.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.18%	
35) Dibromofluoromethane	7.74	113	82538	52.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.22%	
50) Toluene-d8	10.19	98	338215	51.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.80%	
62) 4-Bromofluorobenzene	12.50	95	119164	51.79	ug/l	0.01
Spiked Amount	50.000		Recovery	=	103.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.92	85	46983	46.514	ug/l	100
3) Chloromethane	2.13	50	80571	44.353	ug/l	99
4) Vinyl Chloride	2.27	62	85739	46.407	ug/l	98
5) Bromomethane	2.67	94	59763	49.566	ug/l	98
6) Chloroethane	2.82	64	59318	50.002	ug/l	96
7) Trichlorofluoromethane	3.15	101	125733	49.662	ug/l	99
8) Diethyl Ether	3.55	74	54036	50.390	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.93	101	83116	50.037	ug/l	99
10) Methyl Iodide	4.12	142	97801	49.515	ug/l	99
11) Tert butyl alcohol	4.99	59	46554	229.891	ug/l	99
12) 1,1-Dichloroethene	3.90	96	84779	50.263	ug/l	99
13) Acrolein	3.76	56	72024	284.567	ug/l	100
14) Allyl chloride	4.51	41	158848	51.444	ug/l	100
15) Acrylonitrile	5.20	53	148008	263.332	ug/l	100
16) Acetone	3.97	43	128311	265.772	ug/l	98
17) Carbon Disulfide	4.22	76	274209	48.986	ug/l	99
18) Methyl Acetate	4.51	43	63709	50.818	ug/l	100
19) Methyl tert-butyl Ether	5.25	73	245001	52.068	ug/l	98
20) Methylene Chloride	4.75	84	101284	50.748	ug/l	98
21) trans-1,2-Dichloroethene	5.25	96	99554	51.838	ug/l	98
22) Diisopropyl ether	6.15	45	333400	52.760	ug/l	98
23) Vinyl Acetate	6.10	43	1095219	264.309	ug/l	100
24) 1,1-Dichloroethane	6.05	63	175024	52.093	ug/l	97
25) 2-Butanone	7.02	43	195605	263.860	ug/l	96
26) 2,2-Dichloropropane	7.01	77	144256	52.132	ug/l	99
27) cis-1,2-Dichloroethene	7.02	96	110217	52.166	ug/l	99
28) Bromochloromethane	7.36	49	81120	52.885	ug/l	100
29) Tetrahydrofuran	7.38	42	126913	261.118	ug/l	99
30) Chloroform	7.54	83	166015	52.129	ug/l	99
31) Cyclohexane	7.81	56	174361	48.702	ug/l	97
32) 1,1,1-Trichloroethane	7.73	97	137943	51.878	ug/l	99
36) 1,1-Dichloropropene	7.94	75	136750	51.148	ug/l	99
37) Ethyl Acetate	7.10	43	83579	51.730	ug/l	98
38) Carbon Tetrachloride	7.93	117	121320	53.484	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.20	83	179194	51.096	ug/l	99
40) Benzene	8.19	78	410968	51.893	ug/l	99
41) Methacrylonitrile	7.35	41	39377m	48.182	ug/l	
42) 1,2-Dichloroethane	8.26	62	109330	51.998	ug/l	100
43) Isopropyl Acetate	8.30	43	156347	52.137	ug/l	100
44) Trichloroethene	8.96	130	100713	52.756	ug/l	98
45) 1,2-Dichloropropane	9.24	63	106468	52.798	ug/l	99
46) Dibromomethane	9.32	93	55186	53.289	ug/l	98
47) Bromodichloromethane	9.52	83	128973	53.498	ug/l	100
48) Methyl methacrylate	9.31	41	69849	51.977	ug/l	99
49) 1,4-Dioxane	9.32	88	14235	1001.700	ug/l	96
51) 4-Methyl-2-Pentanone	10.09	43	414387	268.364	ug/l	99
52) Toluene	10.26	92	252886	52.795	ug/l	98
53) t-1,3-Dichloropropene	10.48	75	143004	53.443	ug/l	100
54) cis-1,3-Dichloropropene	9.94	75	169568	53.824	ug/l	98
55) 1,1,2-Trichloroethane	10.66	97	79426	51.821	ug/l	95
56) Ethyl methacrylate	10.52	69	119746	53.490	ug/l	98
57) 1,3-Dichloropropane	10.81	76	143404	52.955	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.80	63	306196	266.185	ug/l	99
59) 2-Hexanone	10.85	43	291078	267.607	ug/l	99
60) Dibromochloromethane	11.00	129	87373	54.477	ug/l	99
61) 1,2-Dibromoethane	11.11	107	77049	53.708	ug/l	98
64) Tetrachloroethene	10.74	164	86776	55.917	ug/l	98
65) Chlorobenzene	11.53	112	256720	52.432	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.60	131	88237	53.867	ug/l	99
67) Ethyl Benzene	11.61	91	486038	53.448	ug/l	99
68) m/p-Xylenes	11.72	106	359992	107.069	ug/l	99
69) o-Xylene	12.05	106	168588	52.858	ug/l	100
70) Styrene	12.06	104	296278	53.608	ug/l	99
71) Bromoform	12.22	173	49619	55.306	ug/l #	100
73) Isopropylbenzene	12.35	105	457810	52.971	ug/l	99
74) N-amyl acetate	12.16	43	141937	52.071	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.60	83	98161	52.781	ug/l	97
76) 1,2,3-Trichloropropane	12.65	75	75343m	57.811	ug/l	
77) Bromobenzene	12.63	156	98519	53.399	ug/l	100
78) n-propylbenzene	12.69	91	568741	53.028	ug/l	100
79) 2-Chlorotoluene	12.77	91	307435	52.206	ug/l	99
80) 1,3,5-Trimethylbenzene	12.83	105	380877	53.415	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.39	75	36682	54.529	ug/l	98
82) 4-Chlorotoluene	12.87	91	327976	52.853	ug/l	99
83) tert-Butylbenzene	13.09	119	314260	52.799	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	379224	53.304	ug/l	100
85) sec-Butylbenzene	13.27	105	466508	52.917	ug/l	100
86) p-Isopropyltoluene	13.38	119	404170	53.387	ug/l	100
87) 1,3-Dichlorobenzene	13.38	146	187540	51.960	ug/l	100
88) 1,4-Dichlorobenzene	13.46	146	191787	52.805	ug/l	100
89) n-Butylbenzene	13.71	91	411623	52.184	ug/l	99
90) Hexachloroethane	13.97	117	77269	54.165	ug/l	99
91) 1,2-Dichlorobenzene	13.75	146	174809	52.446	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.37	75	15332	51.466	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	107909	50.229	ug/l	99
94) Hexachlorobutadiene	15.13	225	54651	51.535	ug/l	99
95) Naphthalene	15.25	128	259874	50.929	ug/l	99
96) 1,2,3-Trichlorobenzene	15.44	180	95365	48.951	ug/l	97

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

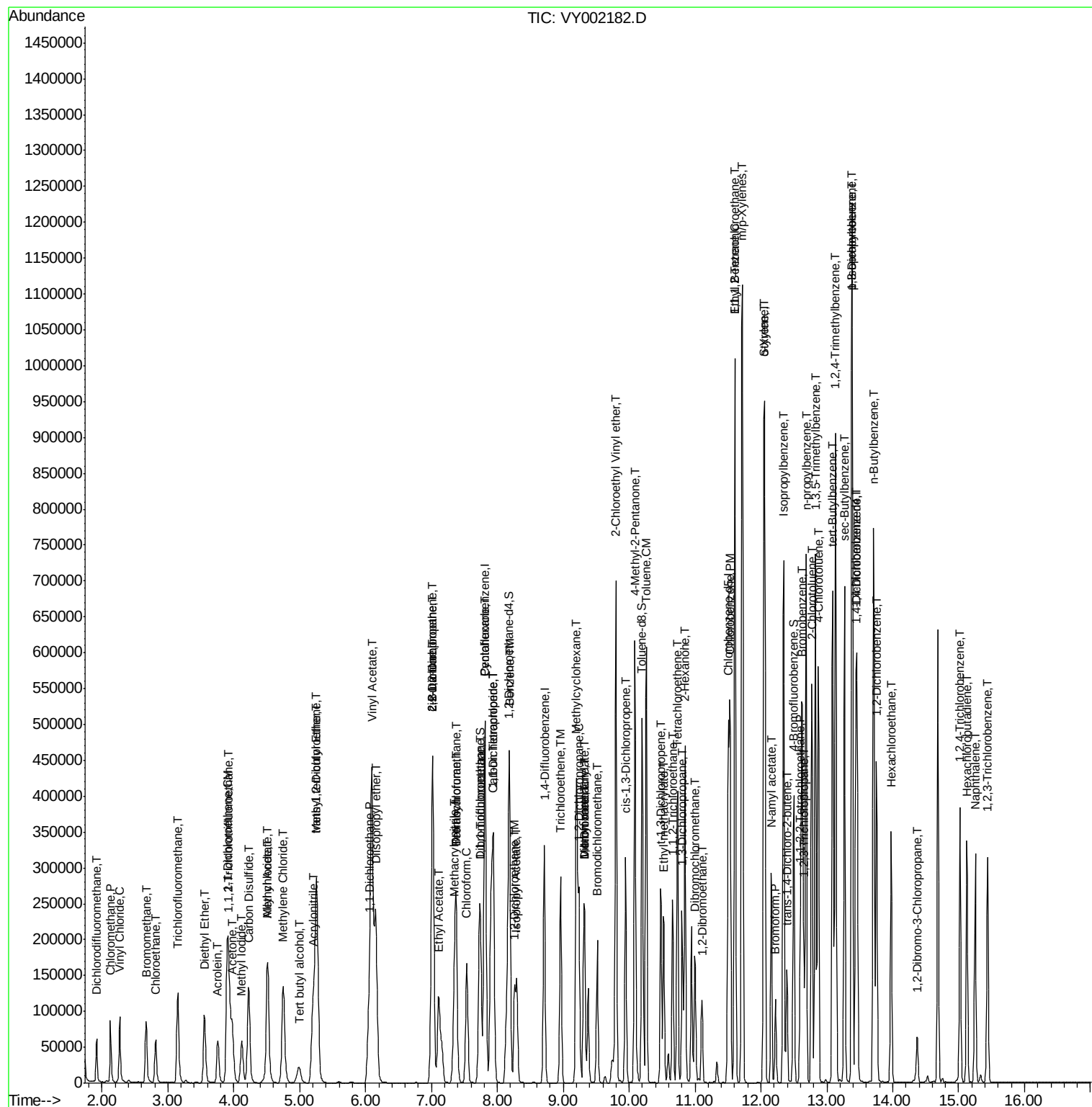
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY040220\
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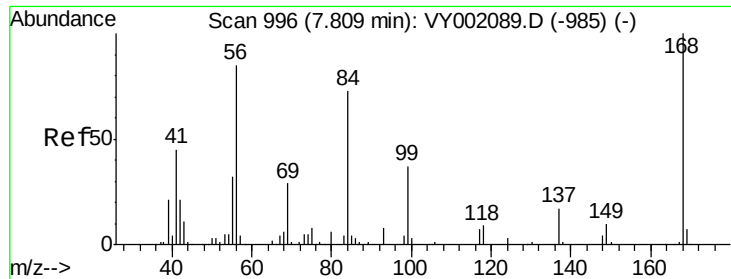
Instrument :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.01 min

Lab File: VY002182.D

Acq: 02 Apr 2020 11:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 155446

Ion Ratio Lower Upper

168 100

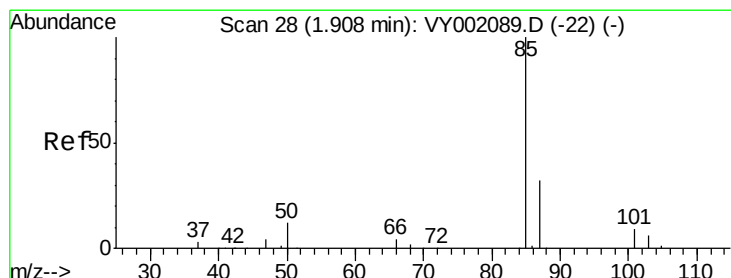
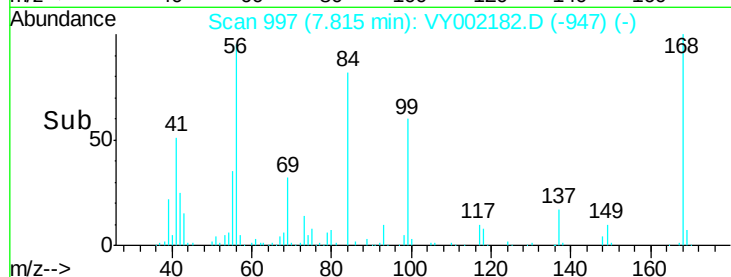
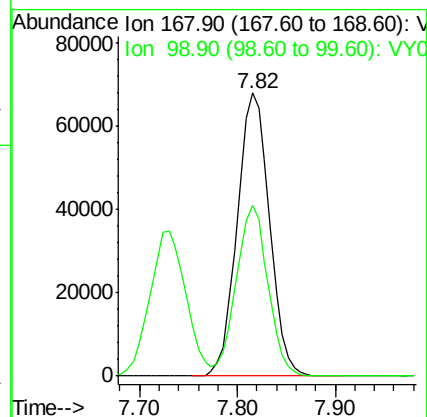
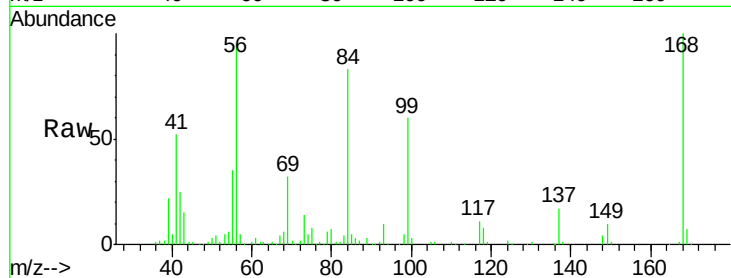
99 60.4 47.6 71.4

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 46.514 ug/l

RT: 1.92 min Scan# 30

Delta R.T. 0.01 min

Lab File: VY002182.D

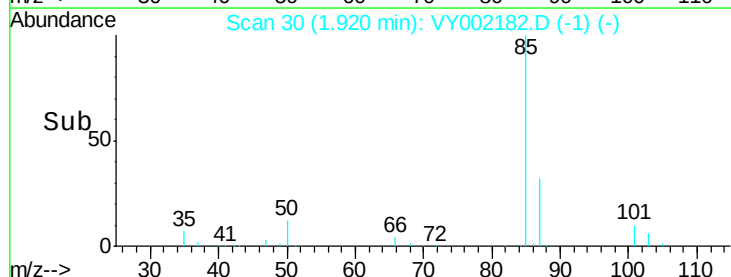
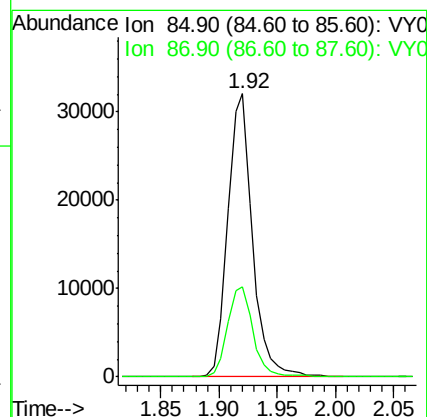
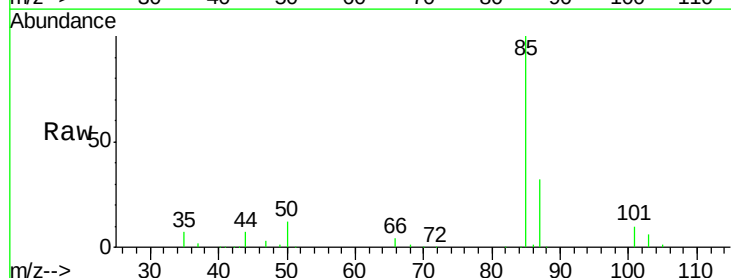
Acq: 02 Apr 2020 11:09

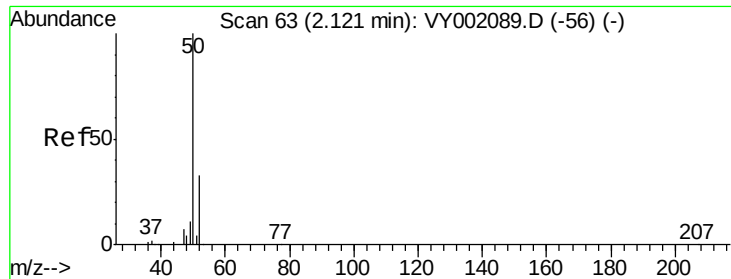
Tgt Ion: 85 Resp: 46983

Ion Ratio Lower Upper

85 100

87 31.8 16.0 48.0





#3

Chloromethane

Concen: 44.353 ug/l

RT: 2.13 min Scan# 64

Delta R.T. 0.01 min

Lab File: VY002182.D

Acq: 02 Apr 2020 11:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 80571

Ion Ratio Lower Upper

50 100

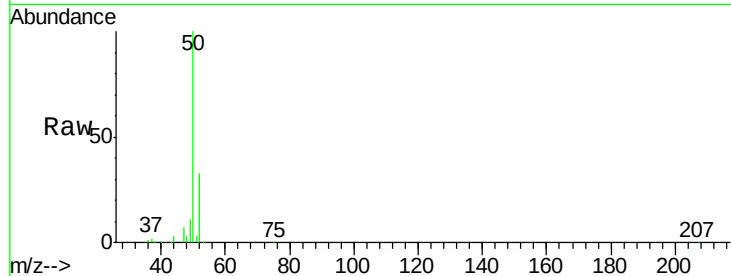
52 33.0 26.1 39.1

Manual Integrations

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Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0

2.13

60000

50000

40000

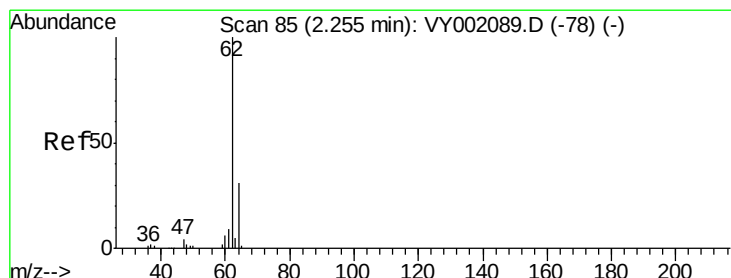
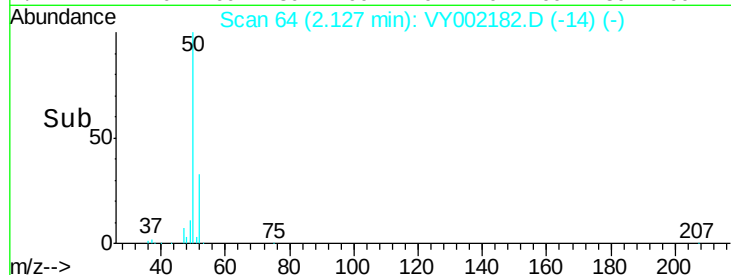
30000

20000

10000

0

Time-->



#4

Vinyl Chloride

Concen: 46.407 ug/l

RT: 2.27 min Scan# 87

Delta R.T. 0.01 min

Lab File: VY002182.D

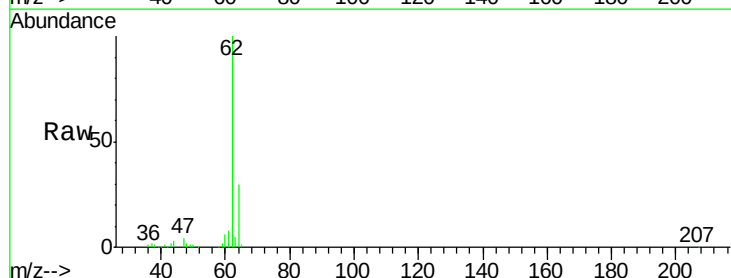
Acq: 02 Apr 2020 11:09

Tgt Ion: 62 Resp: 85739

Ion Ratio Lower Upper

62 100

64 30.4 25.2 37.8



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0

2.27

60000

50000

40000

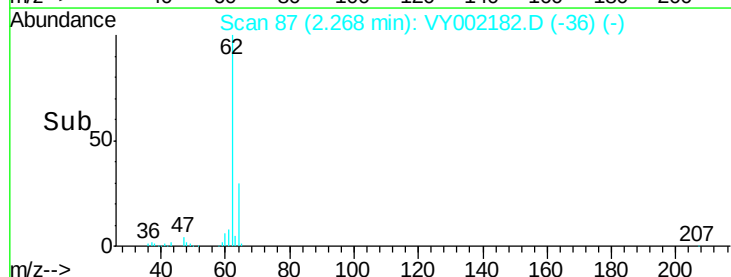
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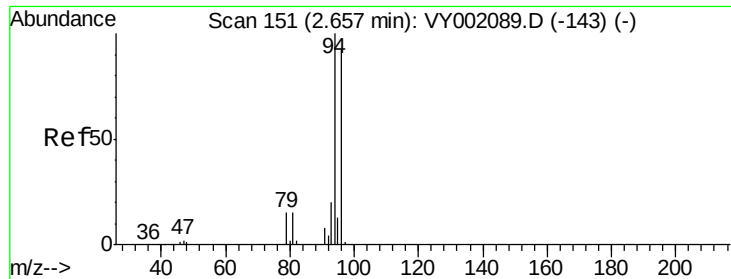
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10000

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Time-->





#5

Bromomethane

Concen: 49.566 ug/l

RT: 2.67 min Scan# 153

Delta R.T. 0.01 min

Lab File: VY002182.D

Acq: 02 Apr 2020 11:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 59763

Ion Ratio Lower Upper

94 100

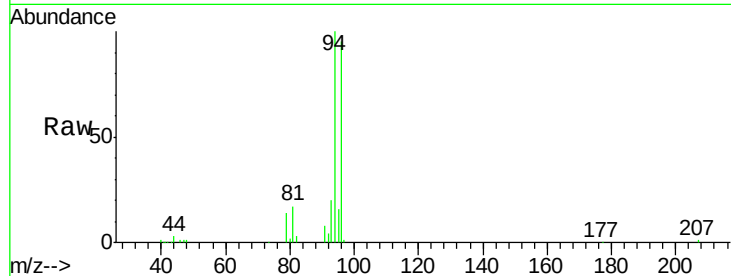
96 94.9 74.1 111.1

Manual Integrations

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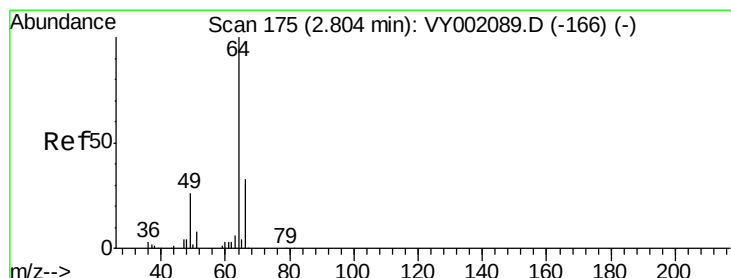
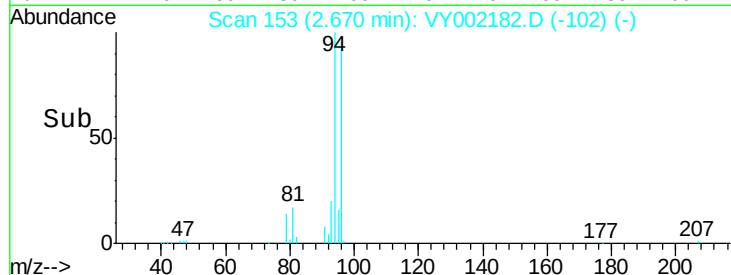
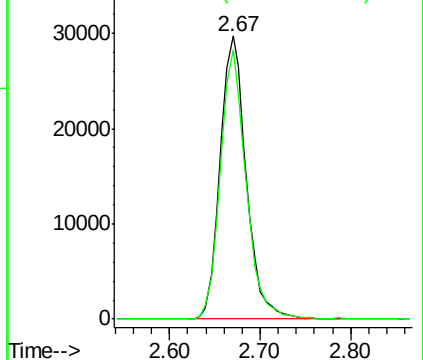
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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 50.002 ug/l

RT: 2.82 min Scan# 177

Delta R.T. 0.01 min

Lab File: VY002182.D

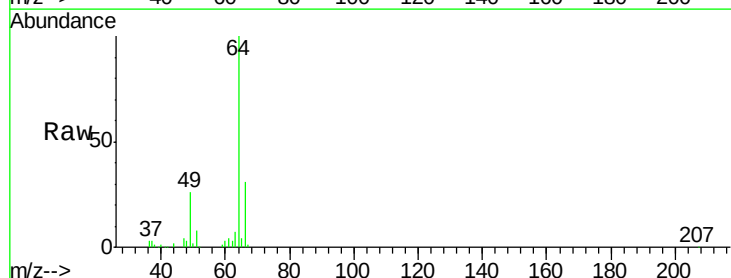
Acq: 02 Apr 2020 11:09

Tgt Ion: 64 Resp: 59318

Ion Ratio Lower Upper

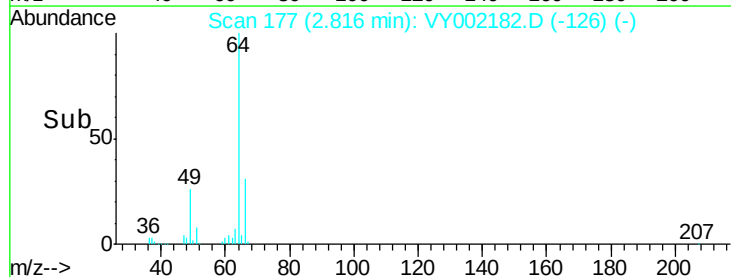
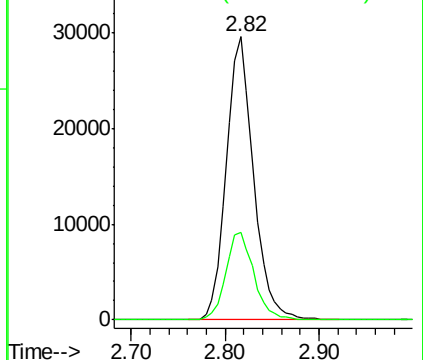
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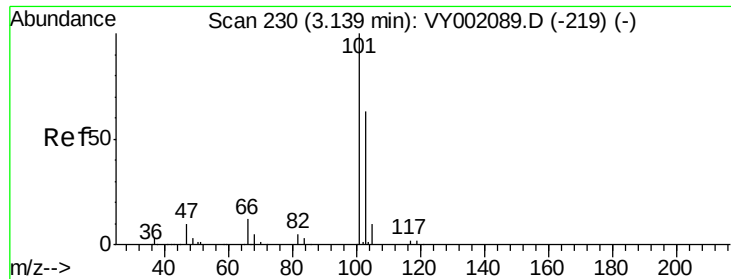
66 30.9 26.6 39.8



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

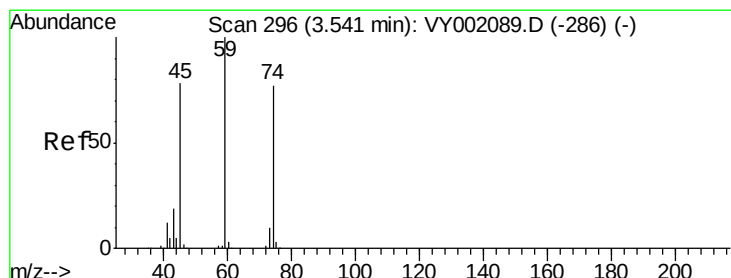
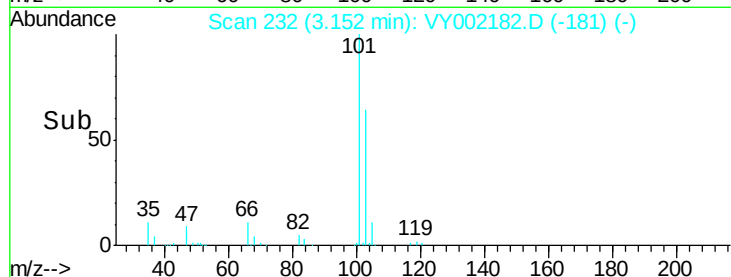
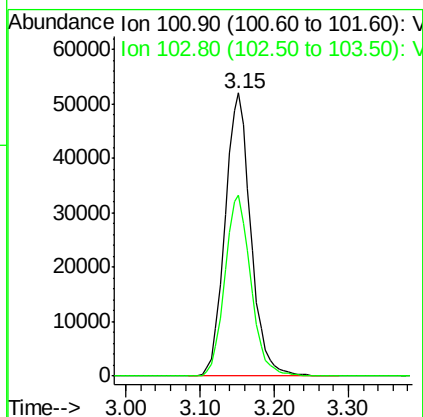
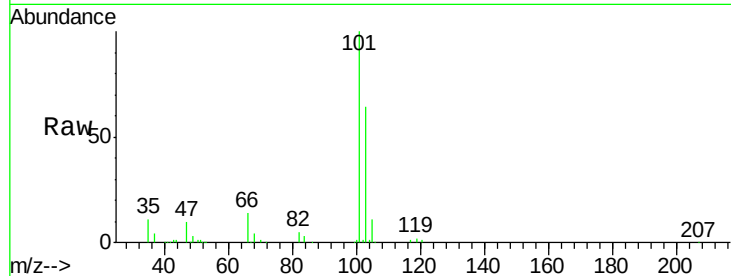
Trichlorofluoromethane
Concen: 49.662 ug/l
RT: 3.15 min Scan# 232
Delta R.T. 0.01 min
Lab File: VY002182.D
Acq: 02 Apr 2020 11:09

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Tot Ion	Ratio	Resp	Lower	Upper
101	100	125733		
103	63.9	50.6	76.0	

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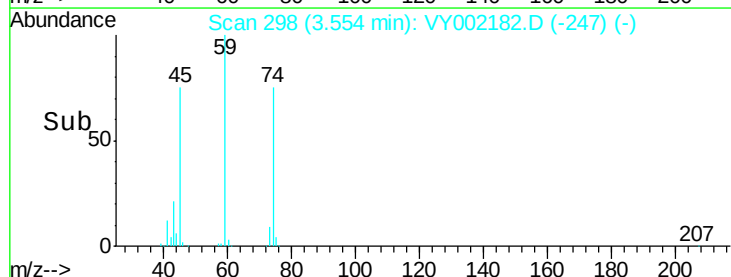
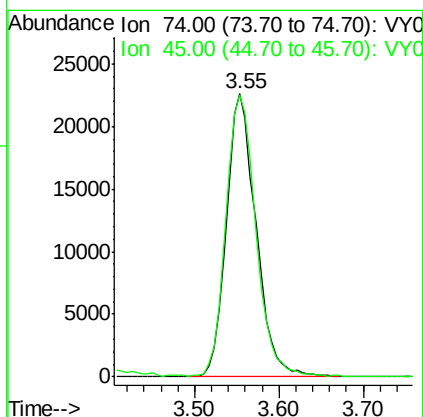
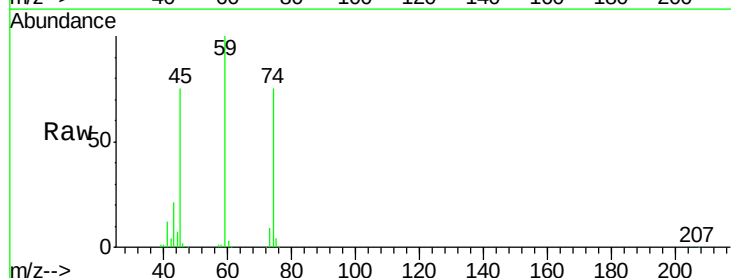
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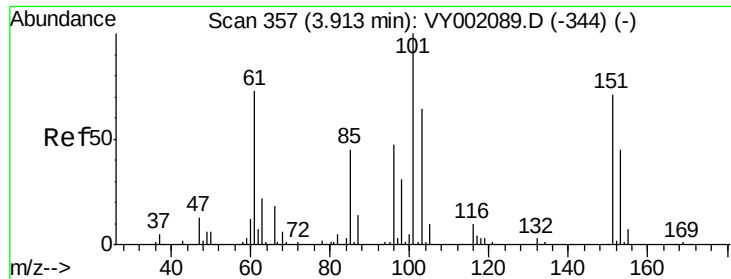


#8

Diethyl Ether
Concen: 50.390 ug/l
RT: 3.55 min Scan# 298
Delta R.T. 0.01 min
Lab File: VY002182.D
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Tgt Ion	Ratio	Resp	Lower	Upper
74	100	54036		
45	100.8	51.0	153.0	





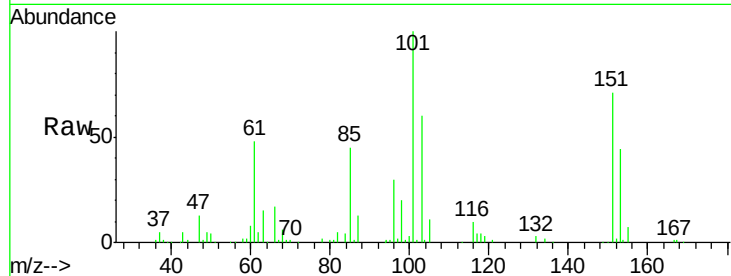
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 50.037 ug/l
 RT: 3.93 min Scan# 360
 Delta R.T. 0.02 min
 Lab File: VY002182.D
 Acq: 02 Apr 2020 11:09

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 ClientSampleId :
 VSTDCCC050

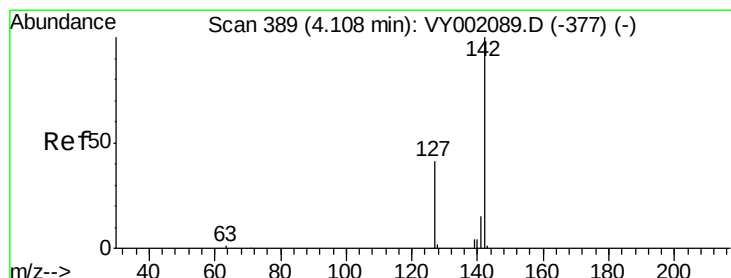
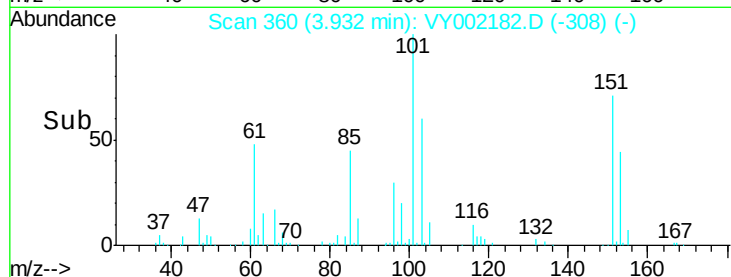
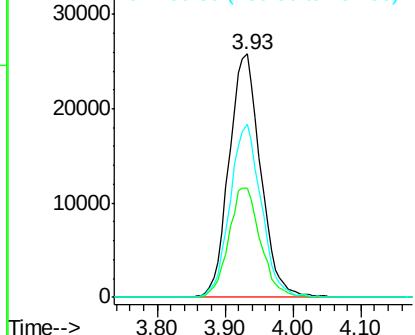
Tot Ion	Ratio	Resp	Lower	Upper
101	100	83116		
85	45.2	35.9	53.9	
151	70.5	57.5	86.3	

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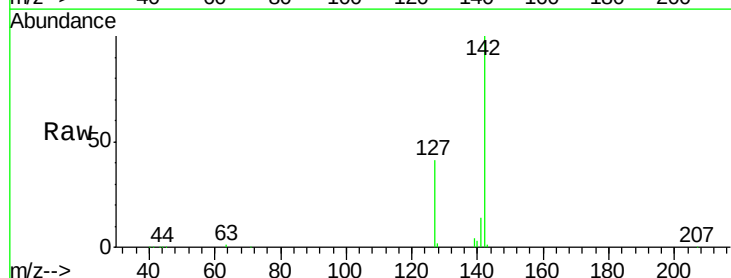


Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 84.90 (84.60 to 85.60): VY0
 Ion 150.80 (150.50 to 151.50): V

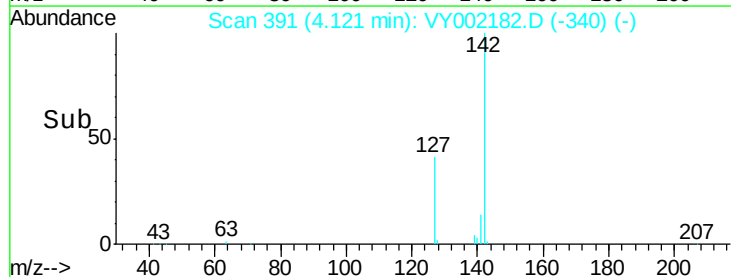
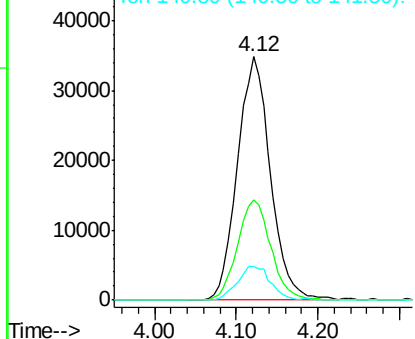


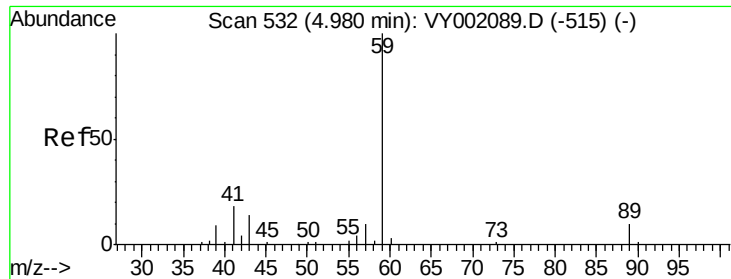
#10
 Methyl Iodide
 Concen: 49.515 ug/l
 RT: 4.12 min Scan# 391
 Delta R.T. 0.01 min
 Lab File: VY002182.D
 Acq: 02 Apr 2020 11:09

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	97801		
127	41.7	32.6	49.0	
141	14.2	11.4	17.0	



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





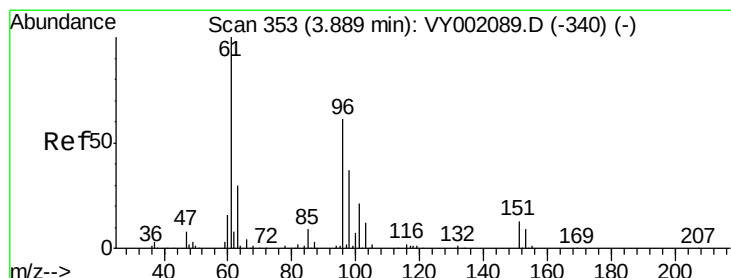
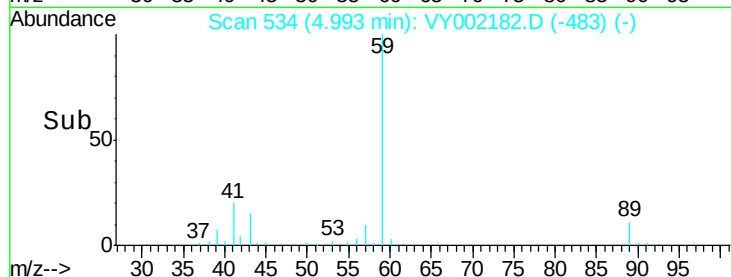
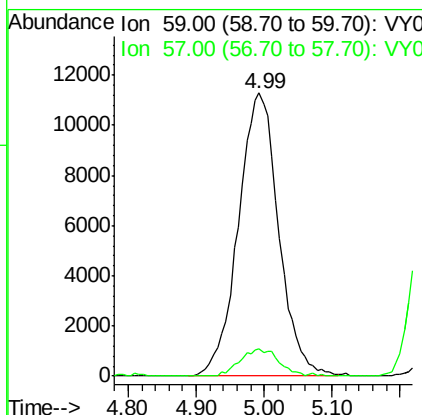
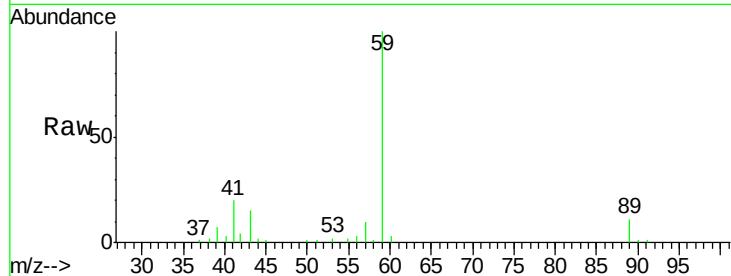
#11
Tert butyl alcohol
Concen: 229.891 ug/l
RT: 4.99 min Scan# 534
Delta R.T. 0.01 min
Lab File: VY002182.D
Acq: 02 Apr 2020 11:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.2	7.7	11.5

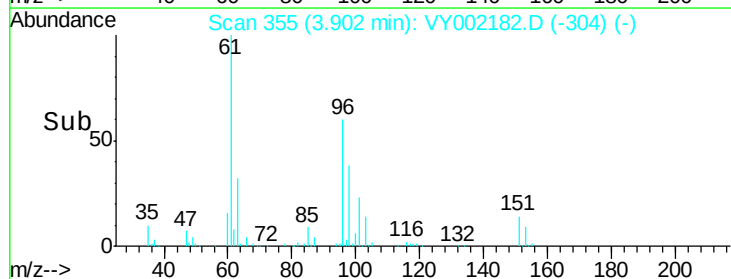
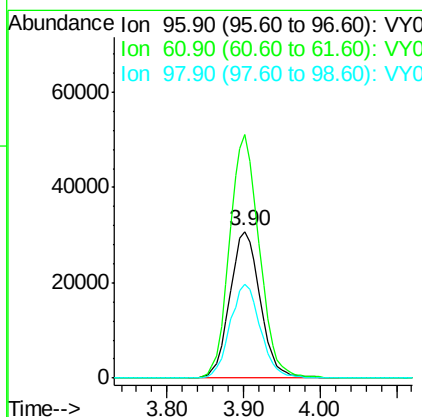
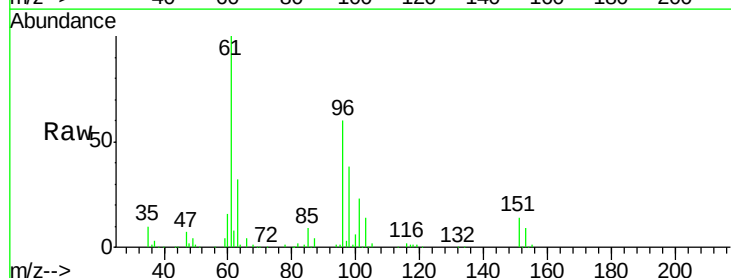
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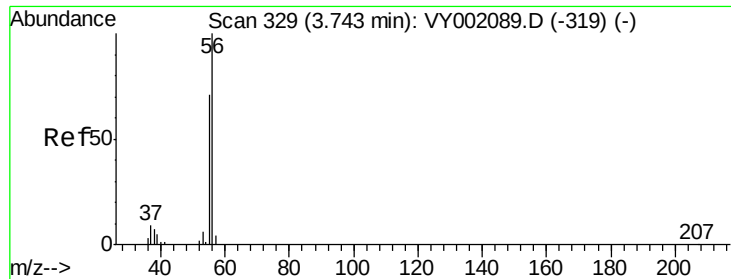
sam
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#12
1,1-Dichloroethene
Concen: 50.263 ug/l
RT: 3.90 min Scan# 355
Delta R.T. 0.01 min
Lab File: VY002182.D
Acq: 02 Apr 2020 11:09

Tgt Ion	Ratio	Lower	Upper
96	100		
61	165.7	132.0	198.0
98	63.8	49.4	74.0





#13

Acrolein

Concen: 284.567 ug/l

RT: 3.76 min Scan# 331

Delta R.T. 0.01 min

Lab File: VY002182.D

Acq: 02 Apr 2020 11:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 72024

Ion Ratio Lower Upper

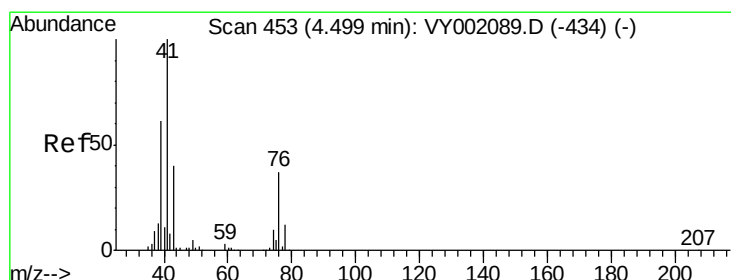
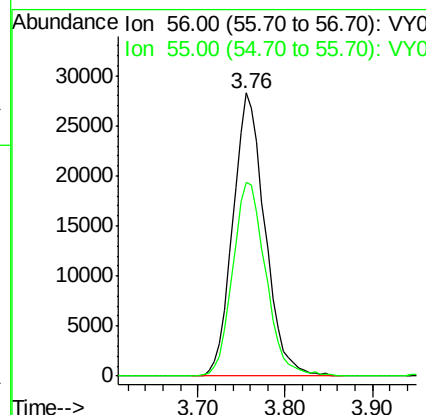
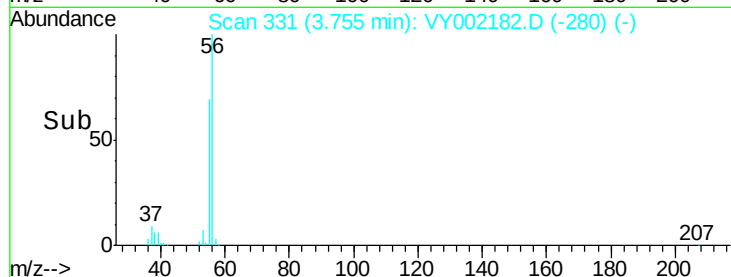
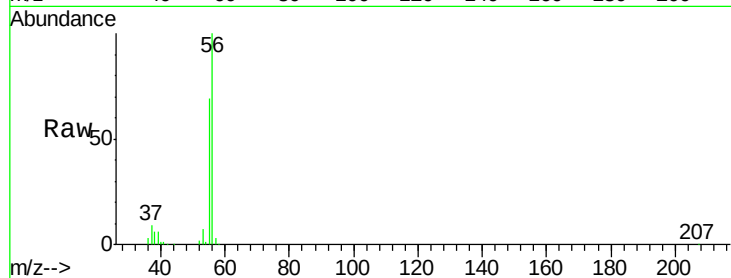
56 100

55 70.7 56.5 84.7

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#14

Allyl chloride

Concen: 51.444 ug/l

RT: 4.51 min Scan# 455

Delta R.T. 0.01 min

Lab File: VY002182.D

Acq: 02 Apr 2020 11:09

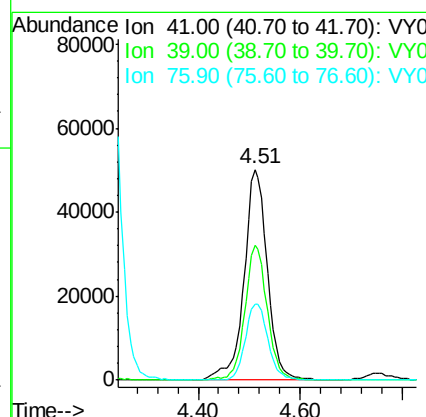
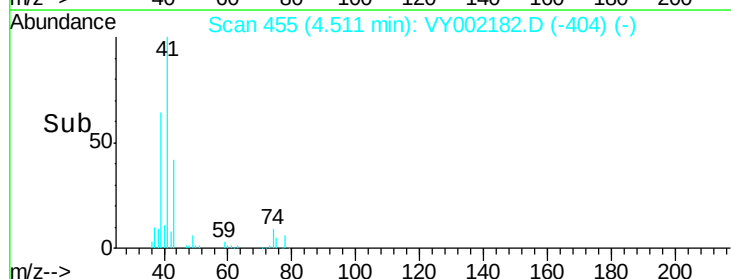
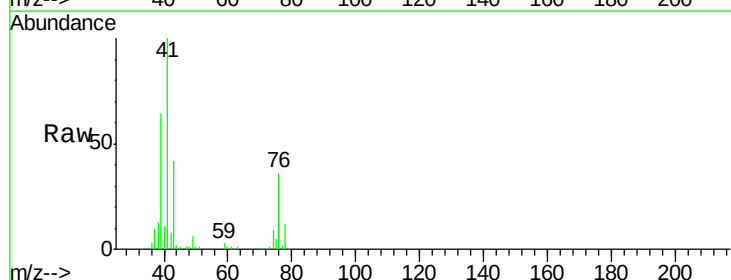
Tgt Ion: 41 Resp: 158848

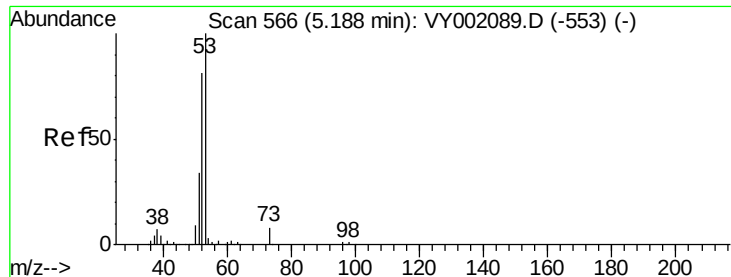
Ion Ratio Lower Upper

41 100

39 61.4 49.0 73.4

76 35.2 27.8 41.8





#15

Acrylonitrile

Concen: 263.332 ug/l

RT: 5.20 min Scan# 568

Delta R.T. 0.01 min

Lab File: VY002182.D

Acq: 02 Apr 2020 11:09

Instrument :

MSVOA_Y

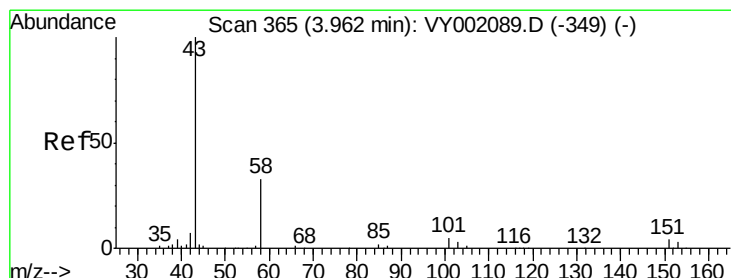
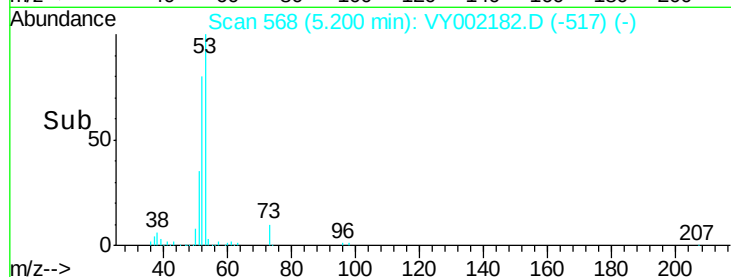
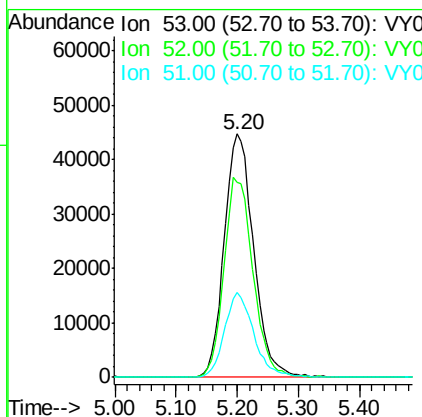
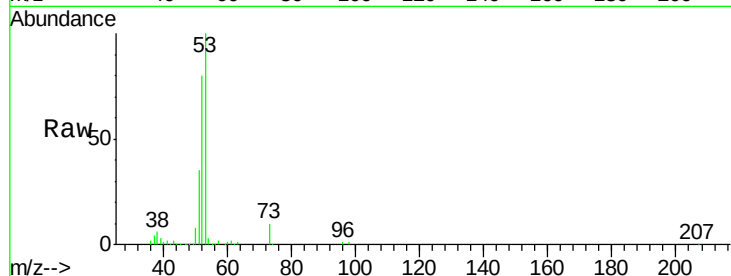
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	148008
Ion	Ratio	Lower	Upper
53	100		
52	81.0	64.6	97.0
51	34.6	27.9	41.9

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#16

Acetone

Concen: 265.772 ug/l

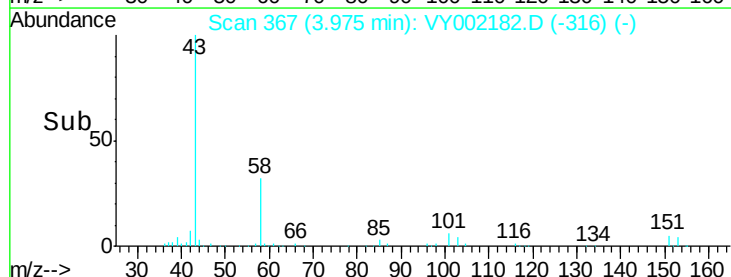
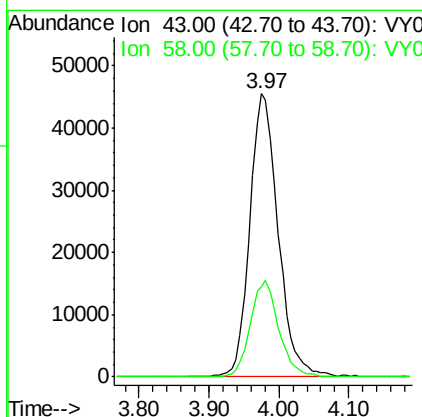
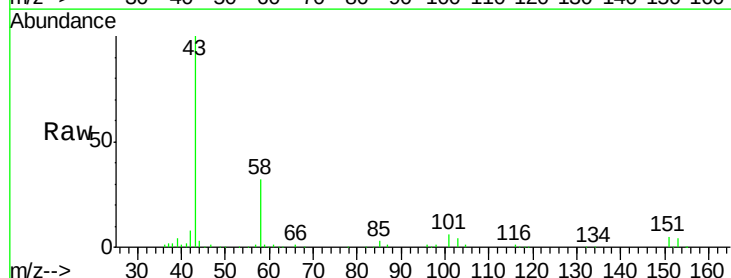
RT: 3.97 min Scan# 367

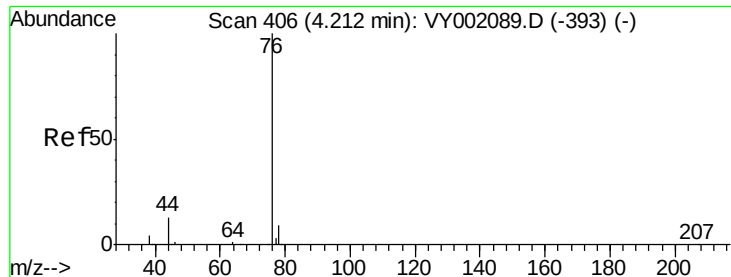
Delta R.T. 0.01 min

Lab File: VY002182.D

Acq: 02 Apr 2020 11:09

Tgt Ion:	43	Resp:	128311
Ion	Ratio	Lower	Upper
43	100		
58	31.8	26.3	39.5





#17

Carbon Disulfide

Concen: 48.986 ug/l

RT: 4.22 min Scan# 408

Delta R.T. 0.01 min

Lab File: VY002182.D

Acq: 02 Apr 2020 11:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 274209

Ion Ratio Lower Upper

76 100

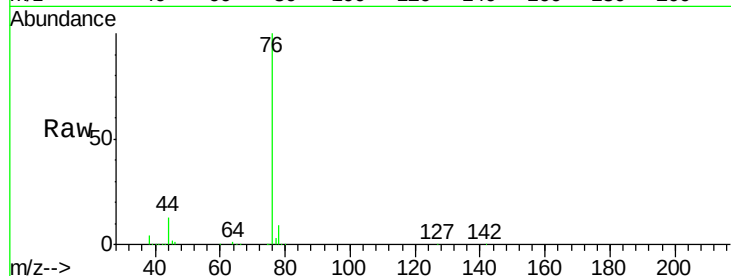
78 8.7 7.3 10.9

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Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

4.22

100000

80000

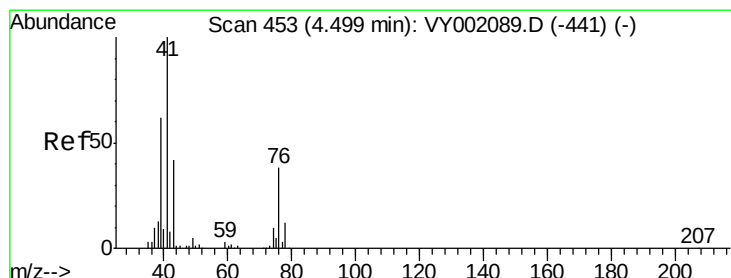
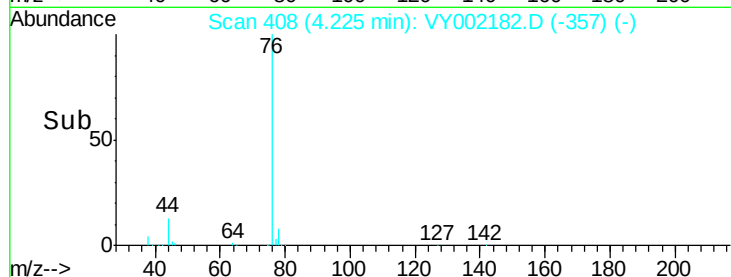
60000

40000

20000

0

Time-->



#18

Methyl Acetate

Concen: 50.818 ug/l

RT: 4.51 min Scan# 455

Delta R.T. 0.01 min

Lab File: VY002182.D

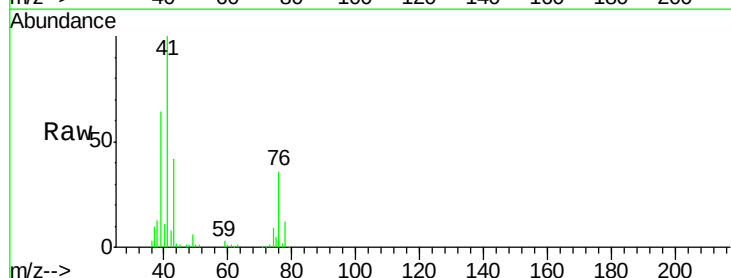
Acq: 02 Apr 2020 11:09

Tgt Ion: 43 Resp: 63709

Ion Ratio Lower Upper

43 100

74 22.7 18.3 27.5



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0

4.51

25000

20000

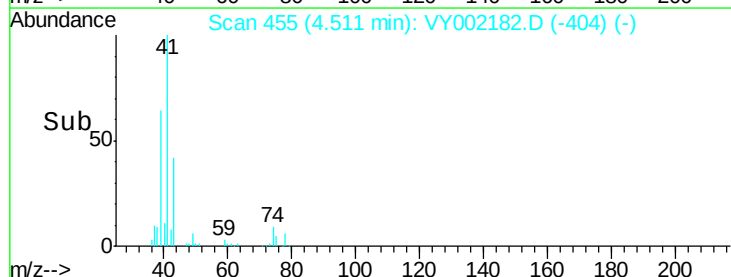
15000

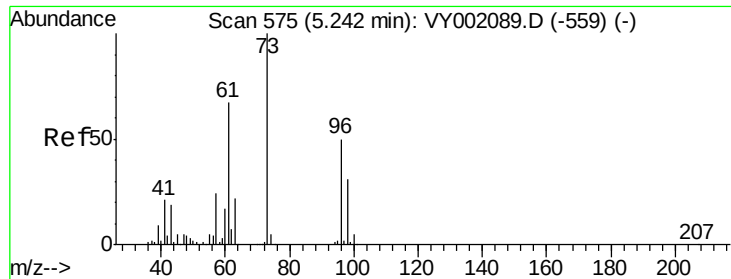
10000

5000

0

Time-->





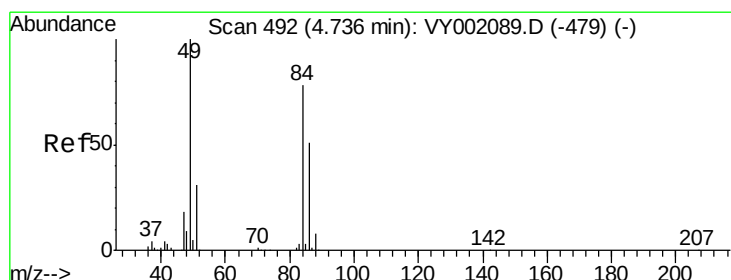
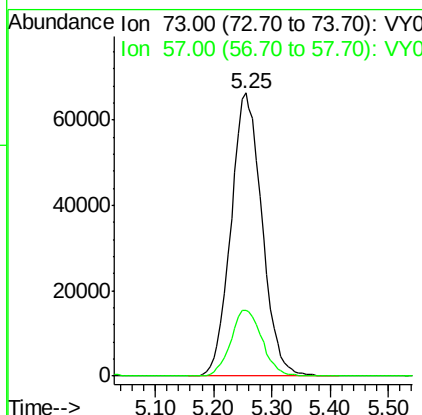
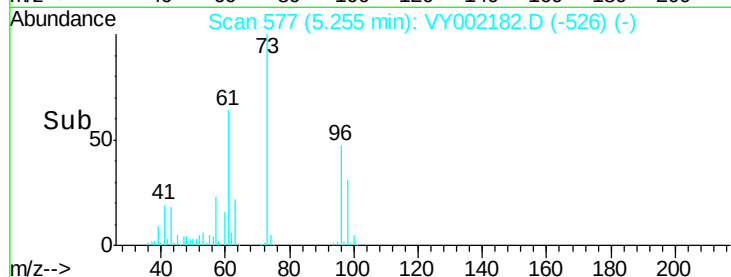
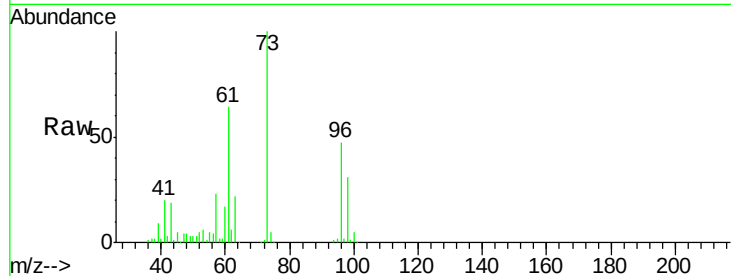
#19
Methyl tert-butyl Ether
Concen: 52.068 ug/l
RT: 5.25 min Scan# 577
Delta R.T. 0.01 min
Lab File: VY002182.D
Acq: 02 Apr 2020 11:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 245001
Ion Ratio Lower Upper
73 100
57 23.0 19.0 28.6

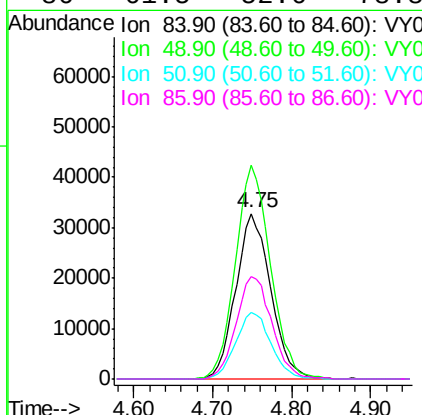
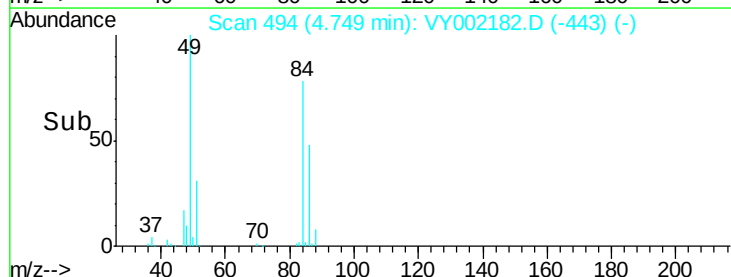
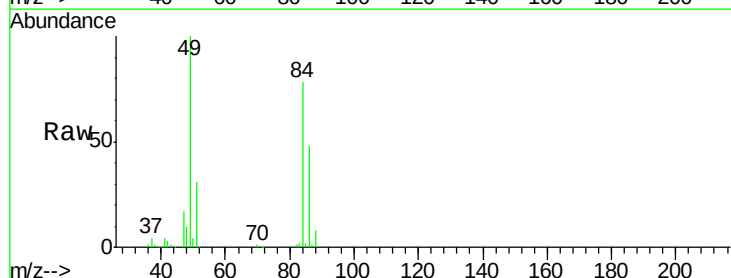
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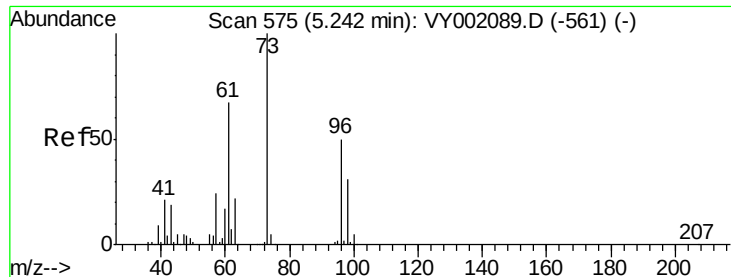
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#20
Methylene Chloride
Concen: 50.748 ug/l
RT: 4.75 min Scan# 494
Delta R.T. 0.01 min
Lab File: VY002182.D
Acq: 02 Apr 2020 11:09

Tgt Ion: 84 Resp: 101284
Ion Ratio Lower Upper
84 100
49 128.8 102.2 153.4
51 39.8 31.2 46.8
86 61.5 52.6 78.8





#21

trans-1,2-Dichloroethene

Concen: 51.838 ug/l

RT: 5.25 min Scan# 576

Delta R.T. 0.01 min

Lab File: VY002182.D

Acq: 02 Apr 2020 11:09

Instrument :

MSVOA_Y

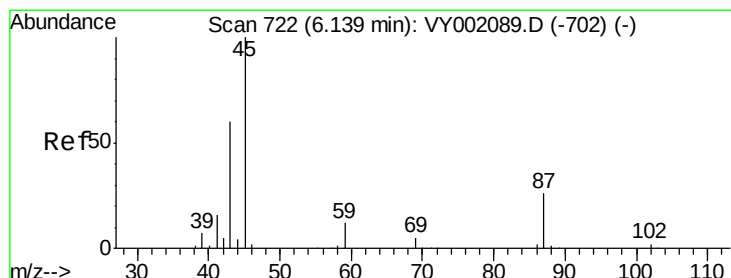
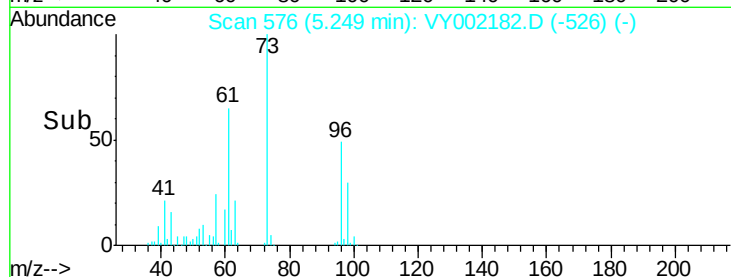
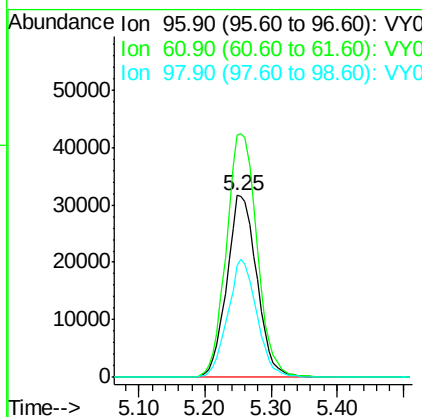
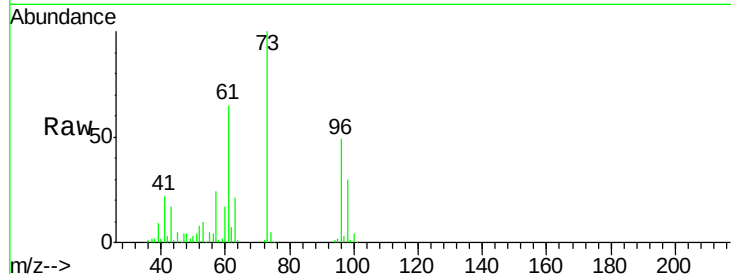
ClientSampled :

VSTDCCC050

Tot Ion:	96	Resp:	99554
Ion	Ratio	Lower	Upper
96	100		
61	133.0	107.7	161.5
98	61.6	50.5	75.7

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#22

Diisopropyl ether

Concen: 52.760 ug/l

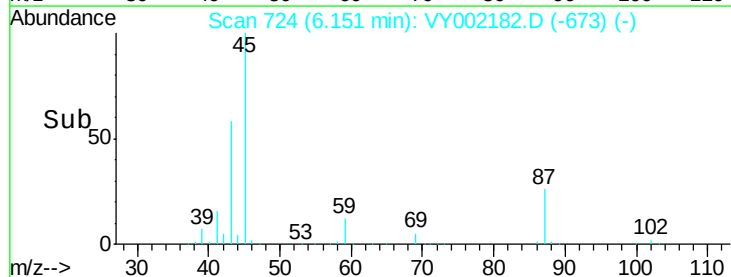
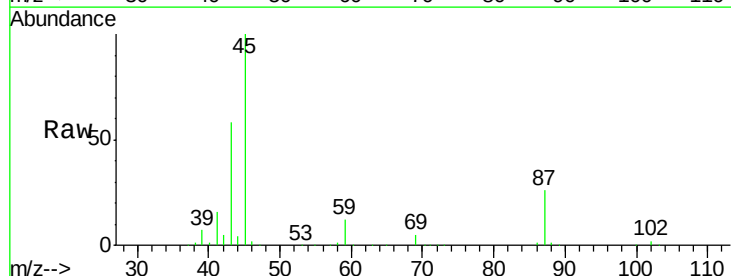
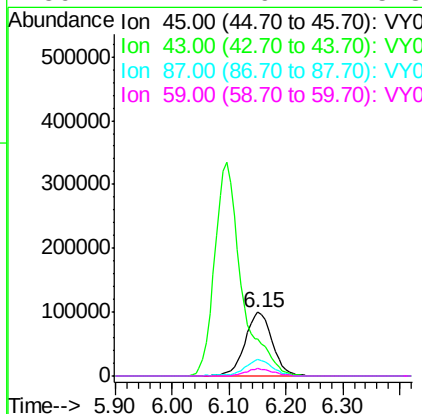
RT: 6.15 min Scan# 724

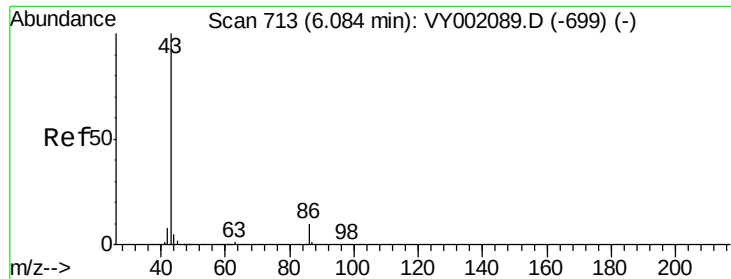
Delta R.T. 0.01 min

Lab File: VY002182.D

Acq: 02 Apr 2020 11:09

Tgt Ion:	45	Resp:	333400
Ion	Ratio	Lower	Upper
45	100		
43	58.0	48.1	72.1
87	25.9	21.1	31.7
59	11.7	9.2	13.8





#23

Vinyl Acetate

Concen: 264.309 ug/l

RT: 6.10 min Scan# 715

Delta R.T. 0.01 min

Lab File: VY002182.D

Acq: 02 Apr 2020 11:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1095219

Ion Ratio Lower Upper

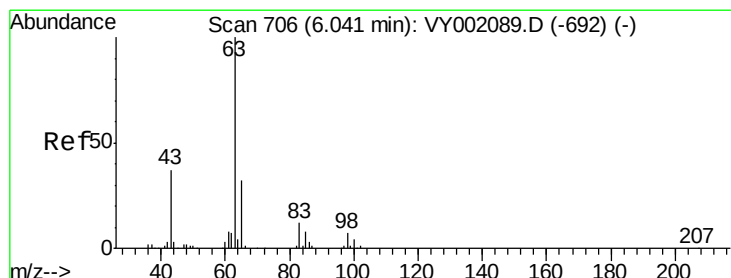
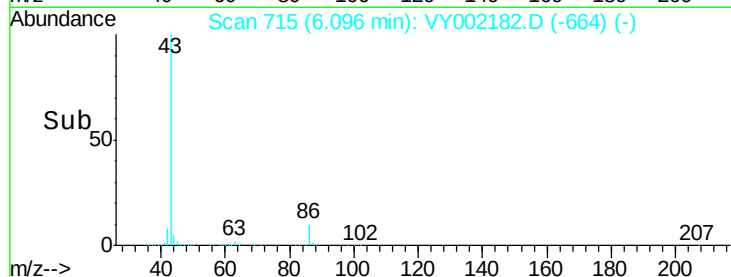
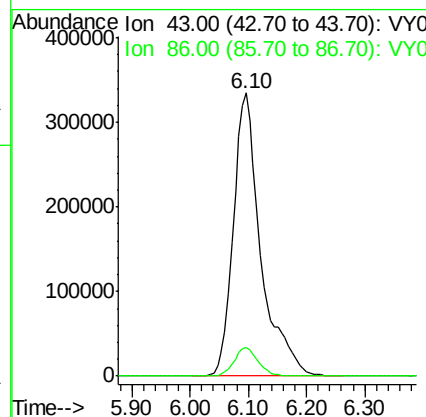
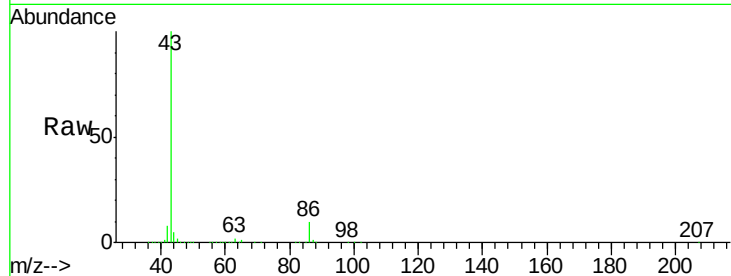
43 100

86 10.0 7.9 11.9

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#24

1,1-Dichloroethane

Concen: 52.093 ug/l

RT: 6.05 min Scan# 708

Delta R.T. 0.01 min

Lab File: VY002182.D

Acq: 02 Apr 2020 11:09

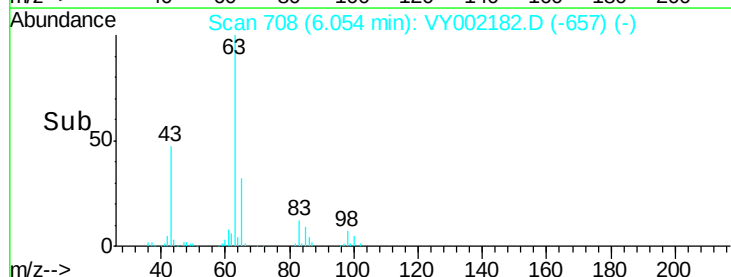
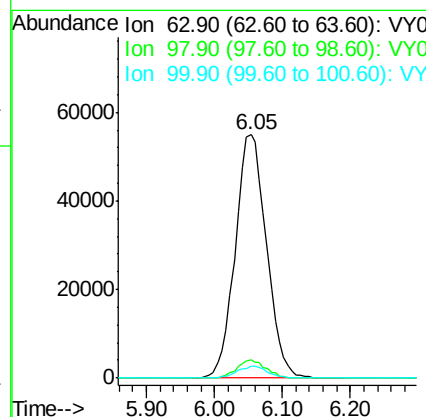
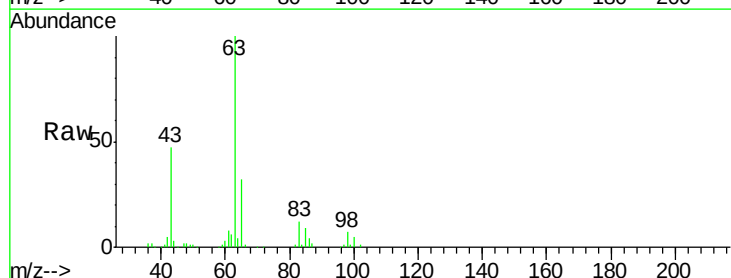
Tgt Ion: 63 Resp: 175024

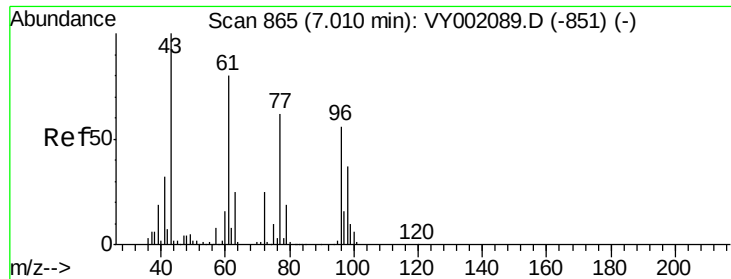
Ion Ratio Lower Upper

63 100

98 7.4 3.3 9.9

100 4.7 1.8 5.5





#25

2-Butanone

Concen: 263.860 ug/l

RT: 7.02 min Scan# 866

Delta R.T. 0.01 min

Lab File: VY002182.D

Acq: 02 Apr 2020 11:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 195605

Ion Ratio Lower Upper

43 100

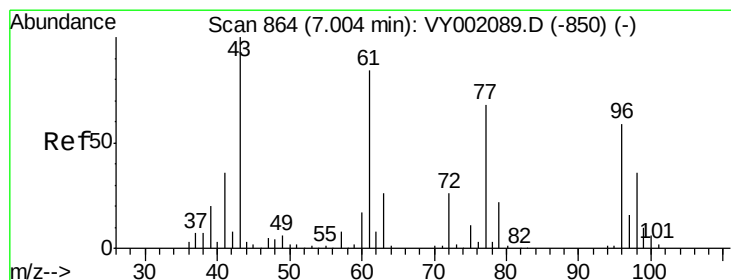
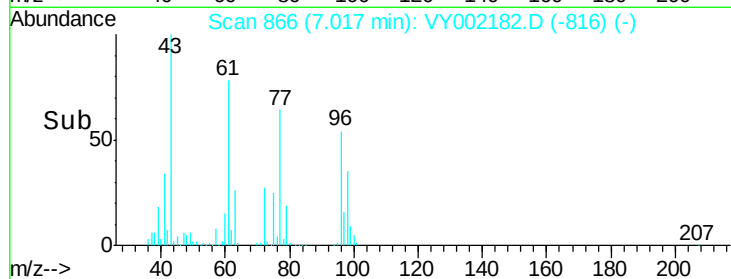
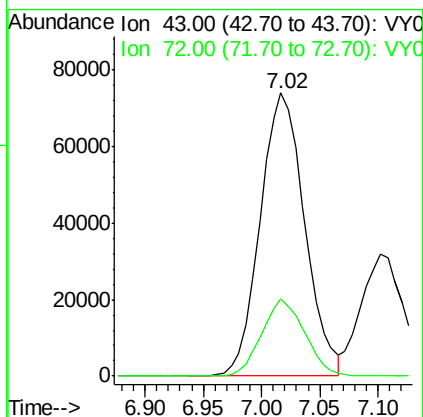
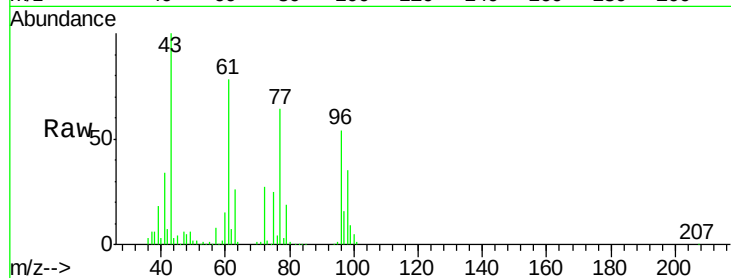
72 27.4 20.2 30.2

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#26

2,2-Dichloropropane

Concen: 52.132 ug/l

RT: 7.01 min Scan# 865

Delta R.T. 0.01 min

Lab File: VY002182.D

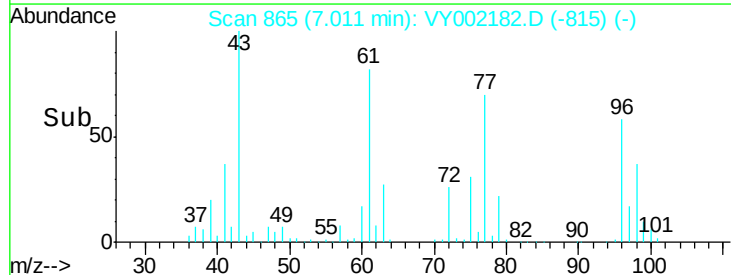
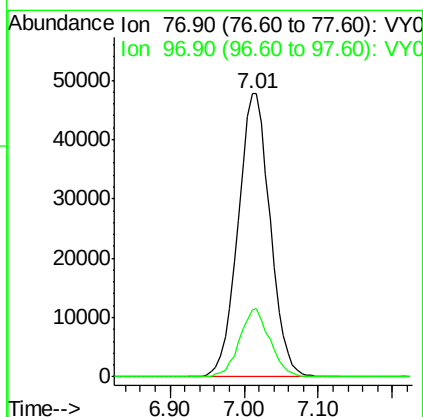
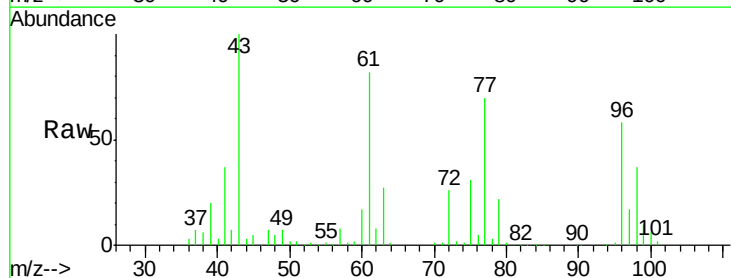
Acq: 02 Apr 2020 11:09

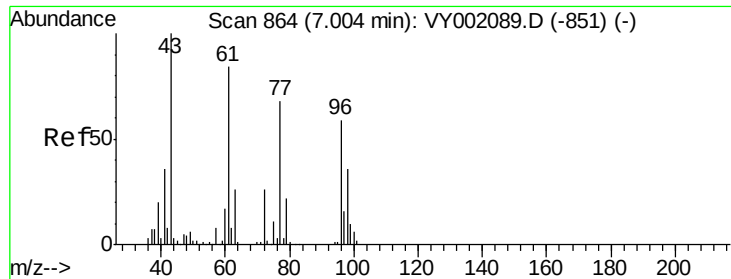
Tgt Ion: 77 Resp: 144256

Ion Ratio Lower Upper

77 100

97 22.9 11.7 35.1





#27

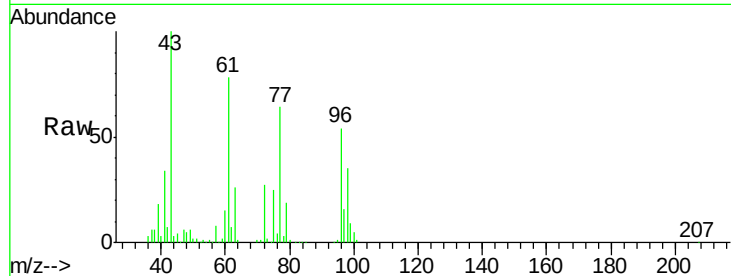
cis-1,2-Dichloroethene
Concen: 52.166 ug/l
RT: 7.02 min Scan# 866
Delta R.T. 0.01 min
Lab File: VY002182.D
Acq: 02 Apr 2020 11:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	143.9	0.0	290.6	
98	63.6	0.0	128.0	

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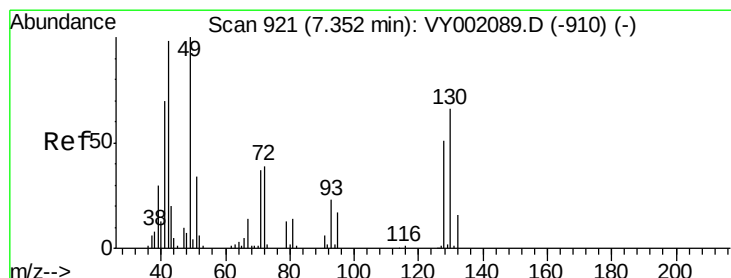
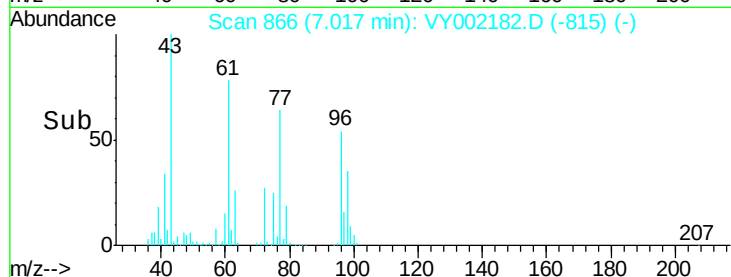
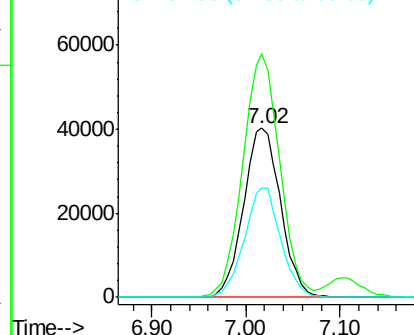


Abundance

Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

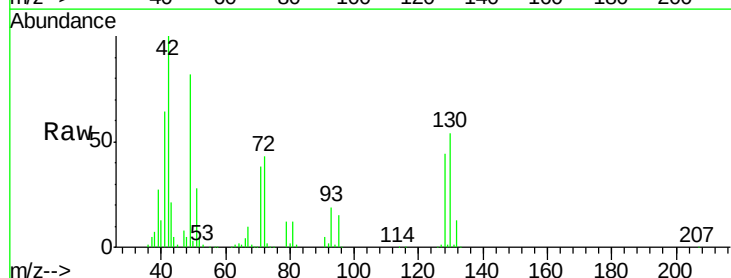
Ion 97.90 (97.60 to 98.60): VY0



#28

Bromochloromethane
Concen: 52.885 ug/l
RT: 7.36 min Scan# 923
Delta R.T. 0.01 min
Lab File: VY002182.D
Acq: 02 Apr 2020 11:09

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	1.8	0.0	3.4	
130	67.9	54.1	81.1	

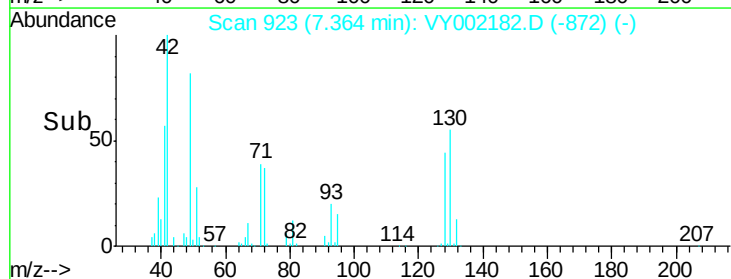
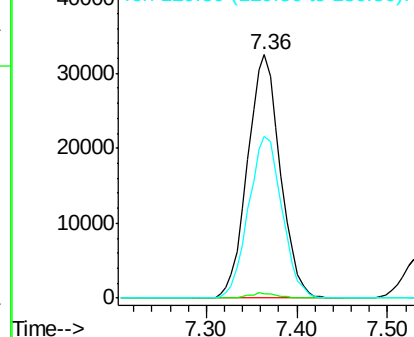


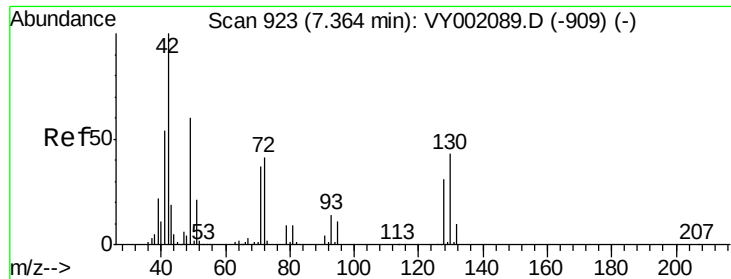
Abundance

Ion 48.90 (48.60 to 49.60): VY0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





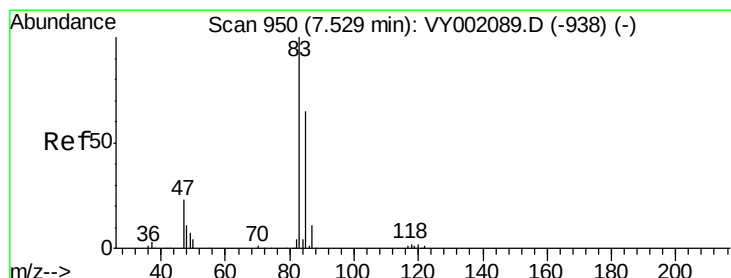
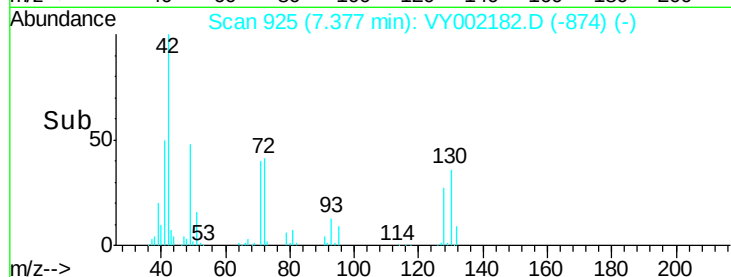
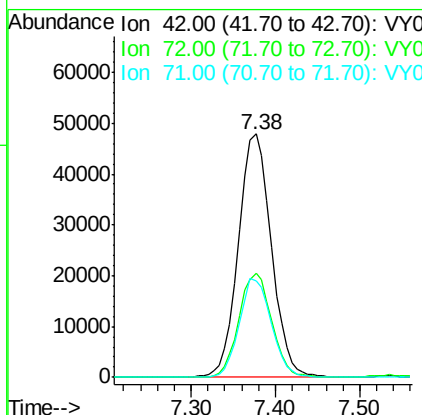
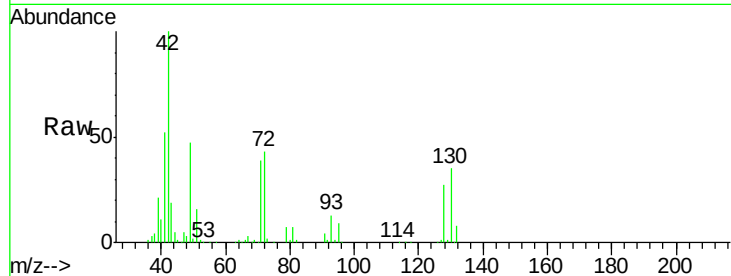
#29
Tetrahydrofuran
Concen: 261.118 ug/l
RT: 7.38 min Scan# 925
Delta R.T. 0.01 min
Lab File: VY002182.D
Acq: 02 Apr 2020 11:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.3	33.0	49.4
71	39.3	31.2	46.8

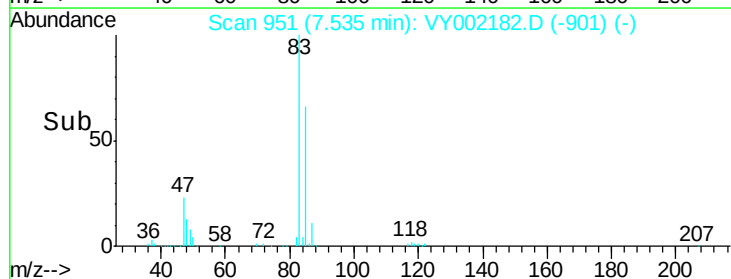
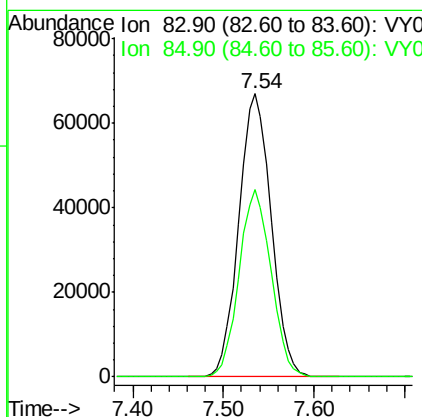
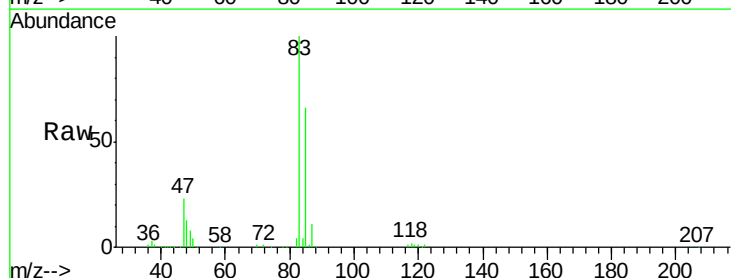
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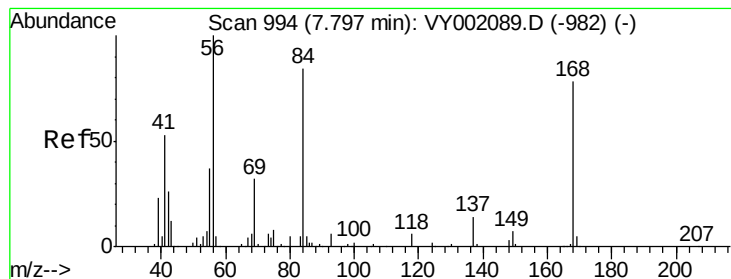
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#30
Chloroform
Concen: 52.129 ug/l
RT: 7.54 min Scan# 951
Delta R.T. 0.01 min
Lab File: VY002182.D
Acq: 02 Apr 2020 11:09

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.4	52.4	78.6





#31

Cyclohexane

Concen: 48.702 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.01 min

Lab File: VY002182.D

Acq: 02 Apr 2020 11:09

Instrument :

MSVOA_Y

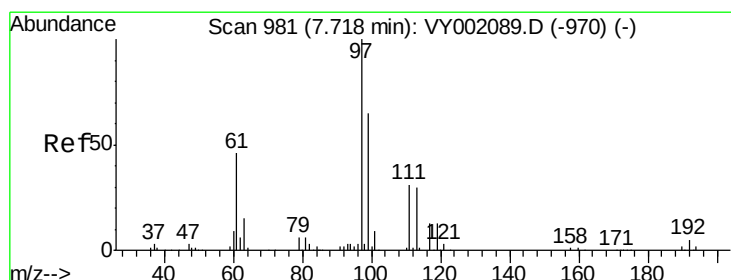
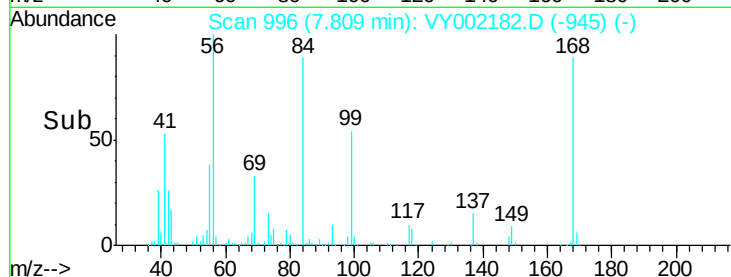
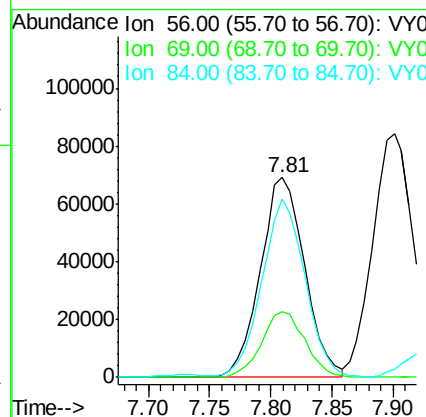
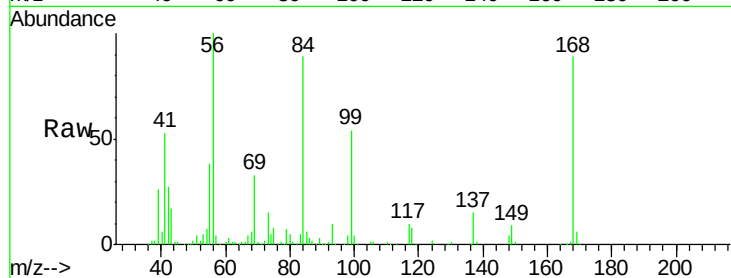
ClientSampleId :

VSTDCCC050

Tot Ion:	56	Resp:	174361
Ion	Ratio	Lower	Upper
56	100		
69	32.9	25.8	38.8
84	87.9	67.1	100.7

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 51.878 ug/l

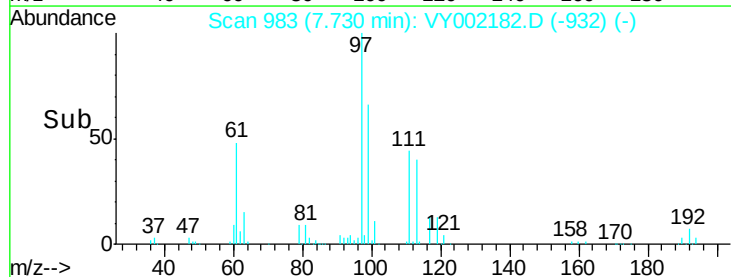
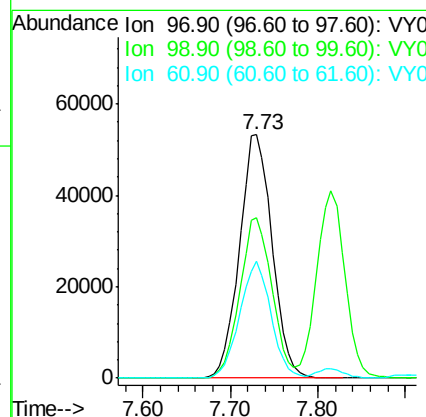
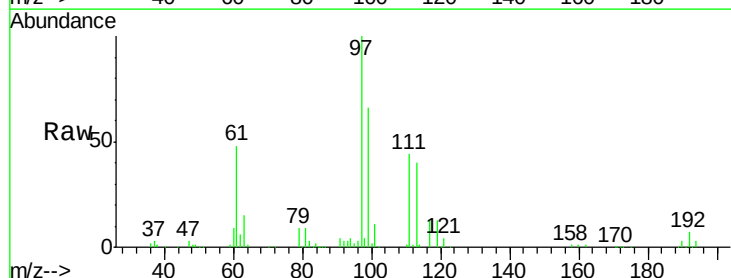
RT: 7.73 min Scan# 983

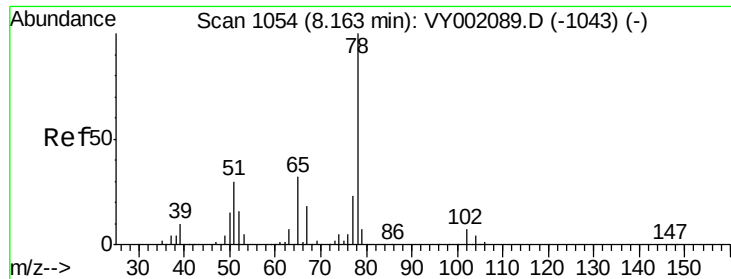
Delta R.T. 0.01 min

Lab File: VY002182.D

Acq: 02 Apr 2020 11:09

Tgt Ion:	97	Resp:	137943
Ion	Ratio	Lower	Upper
97	100		
99	64.7	52.0	78.0
61	45.8	35.7	53.5





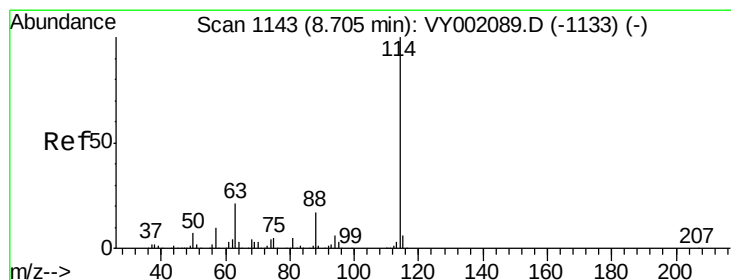
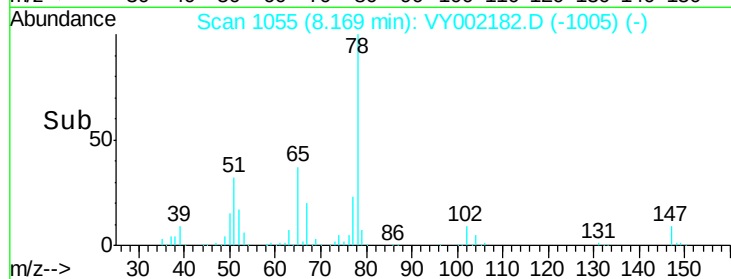
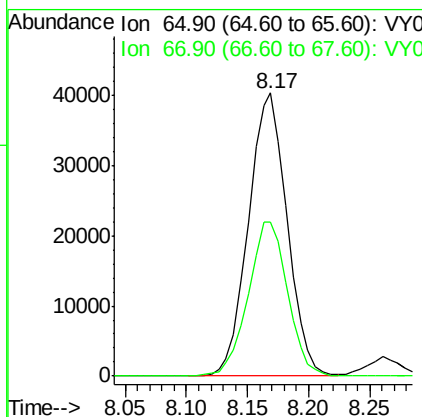
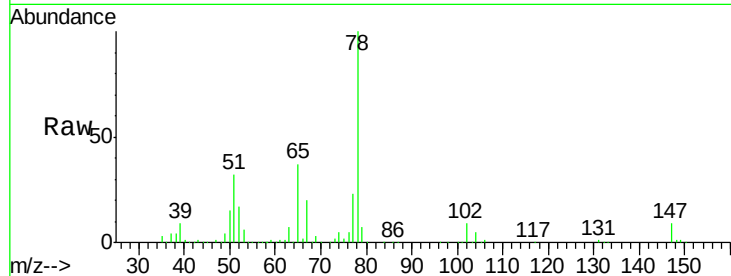
#33
 1,2-Dichloroethane-d4
 Concen: 51.585 ug/l
 RT: 8.17 min Scan# 1055
 Delta R.T. 0.01 min
 Lab File: VY002182.D
 Acq: 02 Apr 2020 11:09

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	55.8	0.0	112.8	

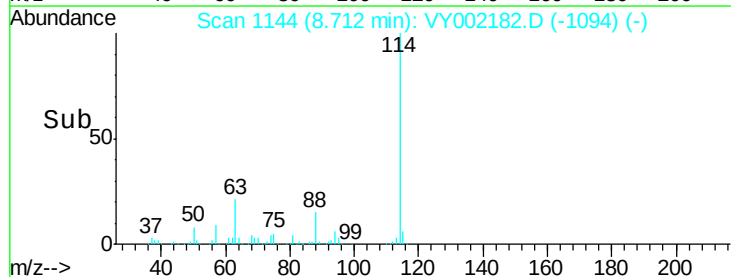
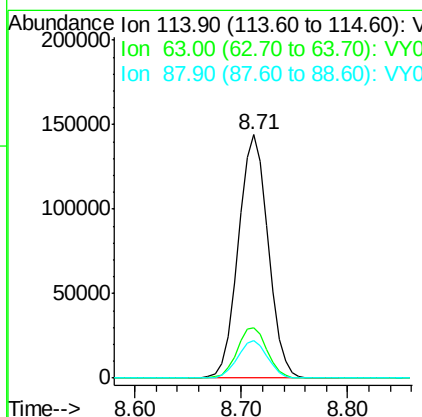
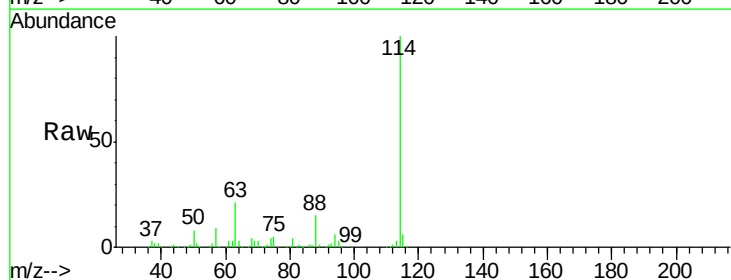
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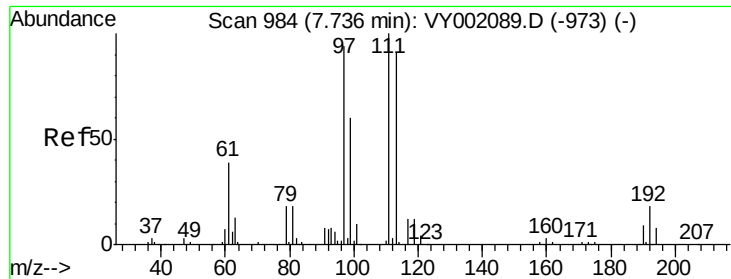
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1144
 Delta R.T. 0.01 min
 Lab File: VY002182.D
 Acq: 02 Apr 2020 11:09

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	20.5	0.0	41.4	
88	15.5	0.0	33.0	





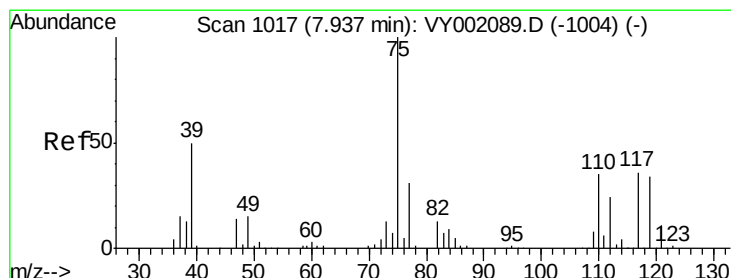
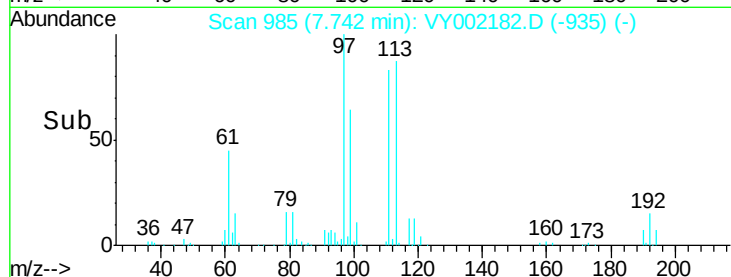
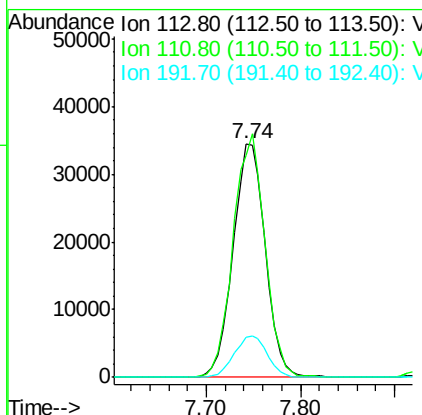
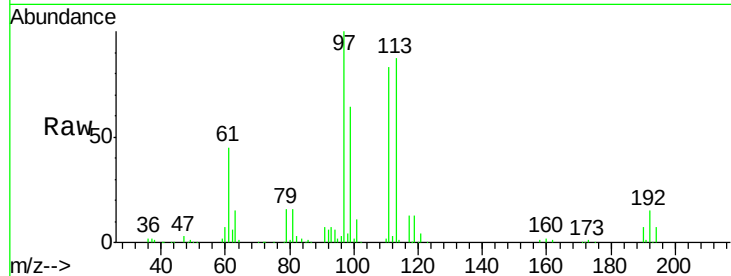
#35
 Dibromofluoromethane
 Concen: 52.113 ug/l
 RT: 7.74 min Scan# 985
 Delta R.T. 0.01 min
 Lab File: VY002182.D
 Acq: 02 Apr 2020 11:09

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	82538		
111	102.5	84.4	126.6	
192	18.1	14.6	21.8	

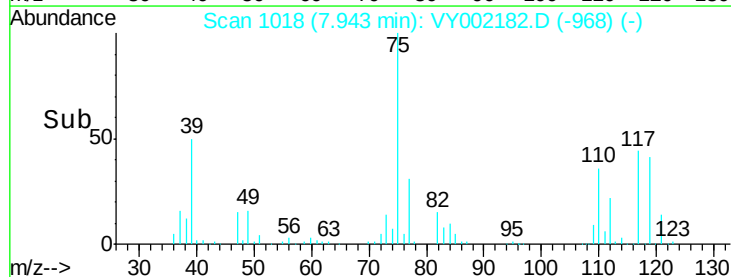
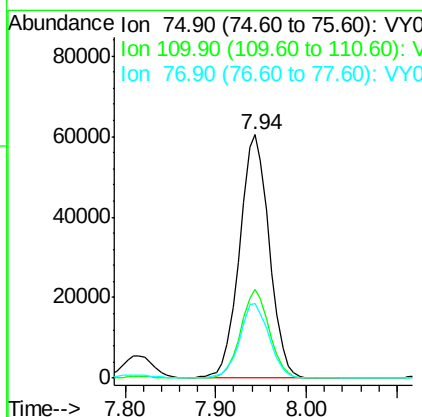
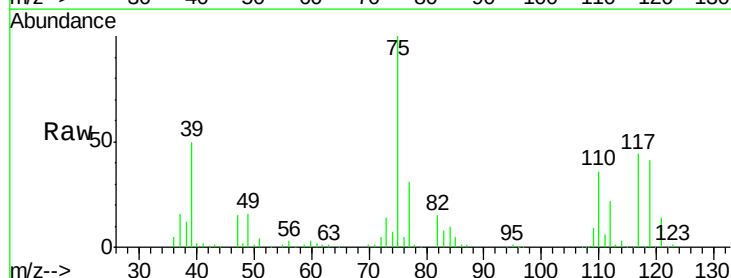
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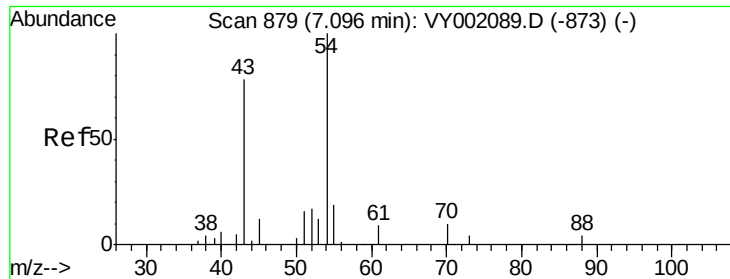
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#36
 1,1-Dichloropropene
 Concen: 51.148 ug/l
 RT: 7.94 min Scan# 1018
 Delta R.T. 0.01 min
 Lab File: VY002182.D
 Acq: 02 Apr 2020 11:09

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	136750		
110	34.9	17.2	51.6	
77	30.6	24.7	37.1	





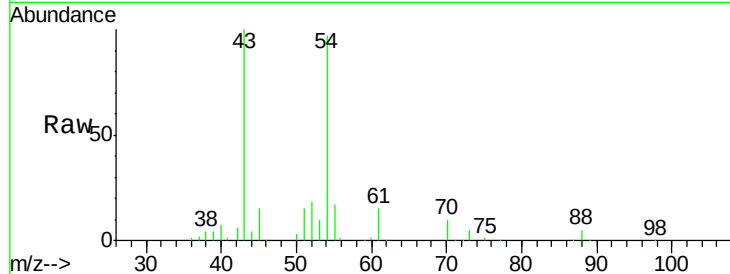
#37
Ethyl Acetate
Concen: 51.730 ug/l
RT: 7.10 min Scan# 880
Delta R.T. 0.01 min
Lab File: VY002182.D
Acq: 02 Apr 2020 11:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.8	11.2	16.8
70	10.7	8.2	12.4

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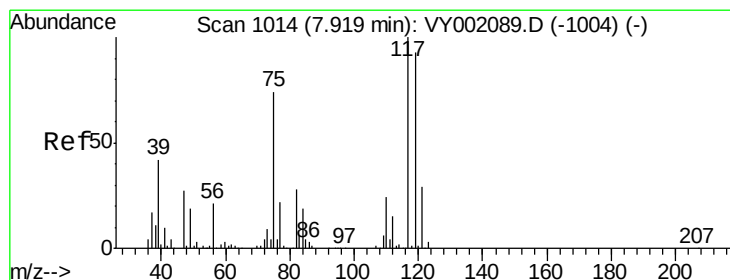
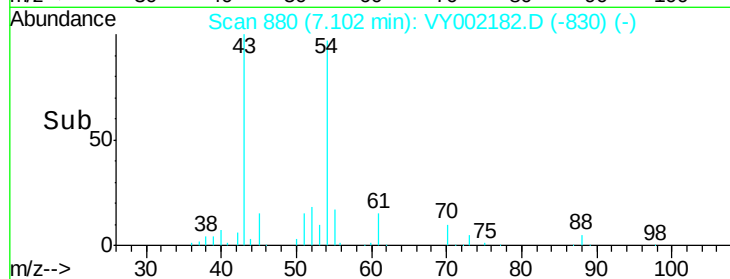
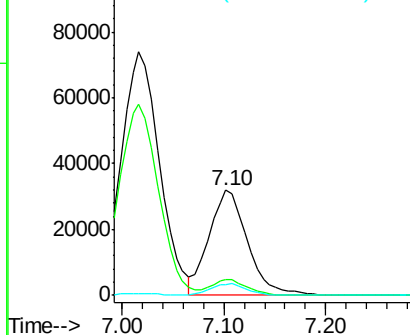


Abundance

Ion 43.00 (42.70 to 43.70): VY0

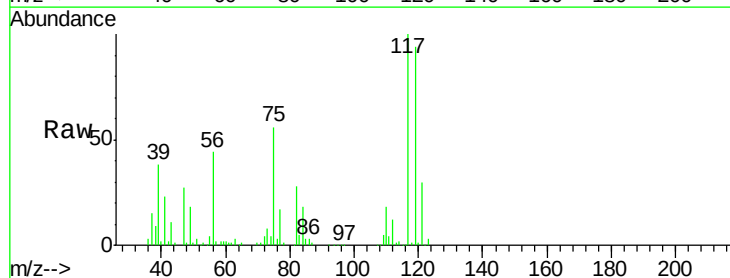
Ion 60.90 (60.60 to 61.60): VY0

Ion 70.00 (69.70 to 70.70): VY0



#38
Carbon Tetrachloride
Concen: 53.484 ug/l
RT: 7.93 min Scan# 1015
Delta R.T. 0.01 min
Lab File: VY002182.D
Acq: 02 Apr 2020 11:09

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.5	74.3	111.5
121	29.6	23.3	34.9

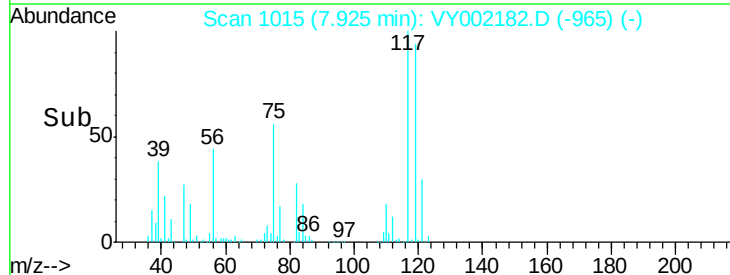
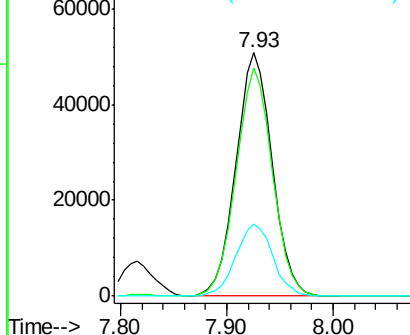


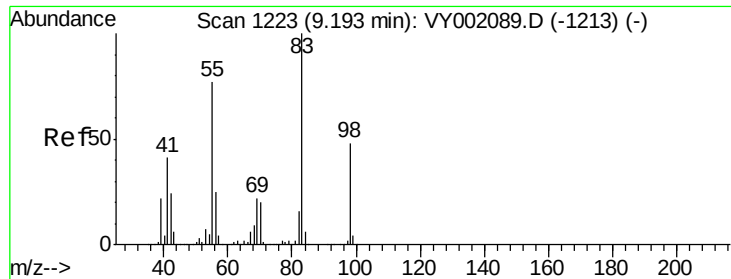
Abundance

Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





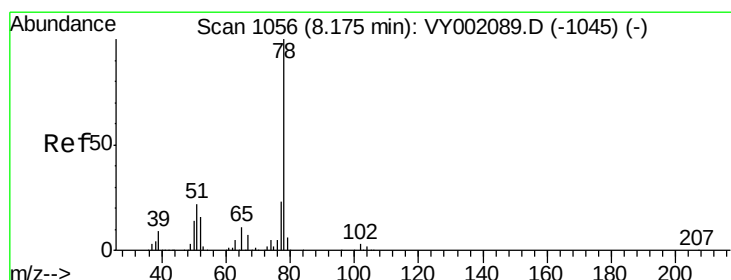
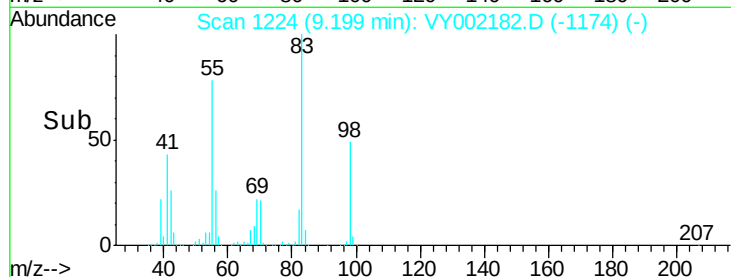
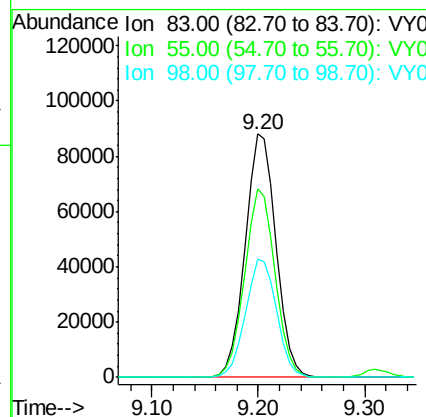
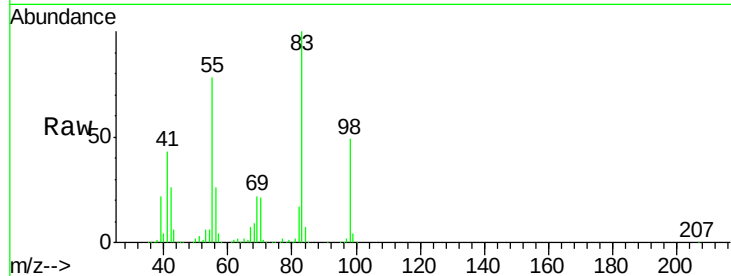
#39
Methylvlcyclohexane
Concen: 51.096 ug/l
RT: 9.20 min Scan# 1224
Delta R.T. 0.01 min
Lab File: VY002182.D
Acq: 02 Apr 2020 11:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	179194		
55	77.7	61.2	91.8	
98	48.7	38.2	57.2	

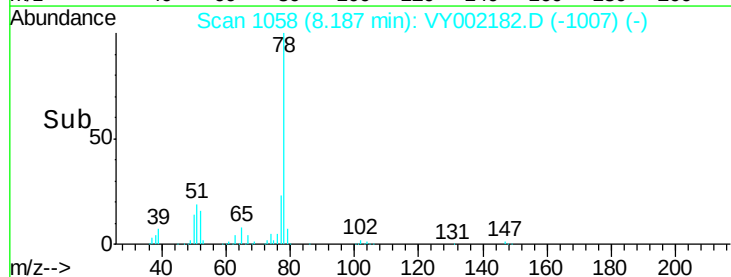
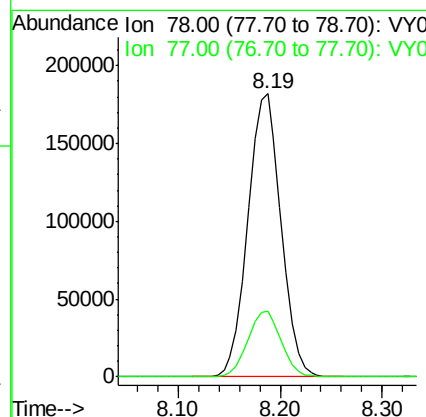
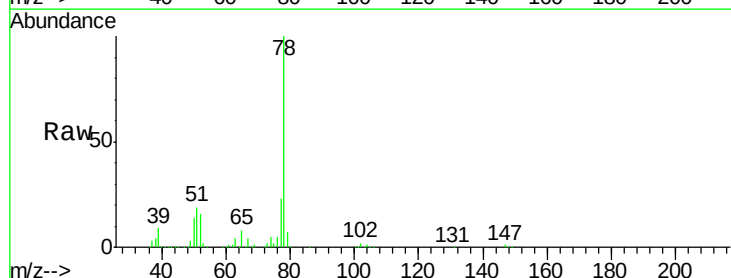
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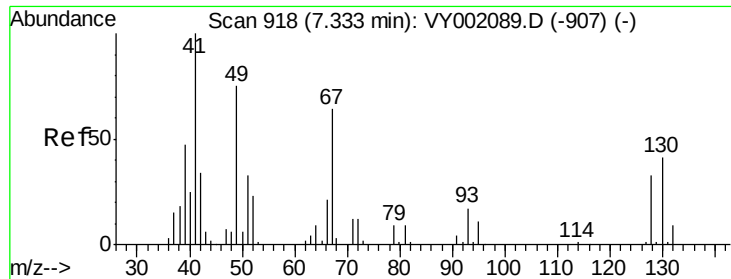
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#40
Benzene
Concen: 51.893 ug/l
RT: 8.19 min Scan# 1058
Delta R.T. 0.01 min
Lab File: VY002182.D
Acq: 02 Apr 2020 11:09

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	410968		
77	23.3	18.2	27.4	





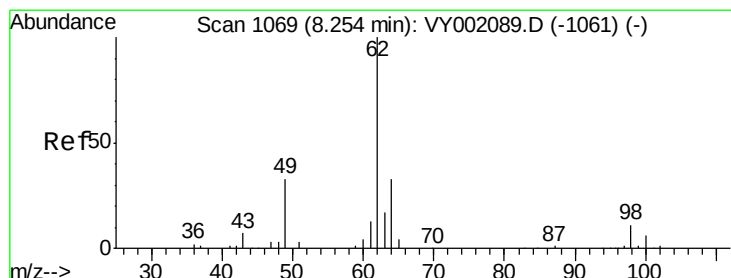
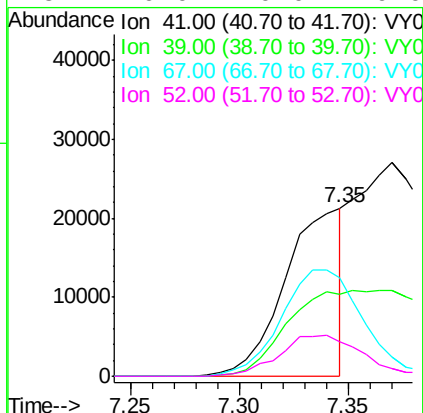
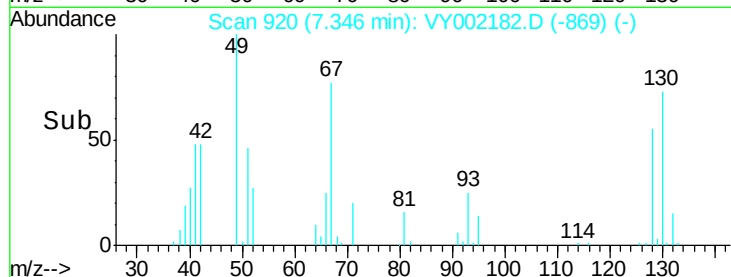
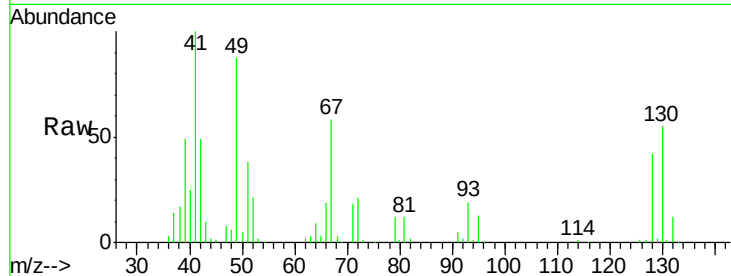
#41
Methacrylonitrile
Concen: 48.182 ug/l m
RT: 7.35 min Scan# 920
Delta R.T. 0.01 min
Lab File: VY002182.D
Acq: 02 Apr 2020 11:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	41	Resp	39377
Ion	Ratio	Lower	Upper
41	100		
39	128.4	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

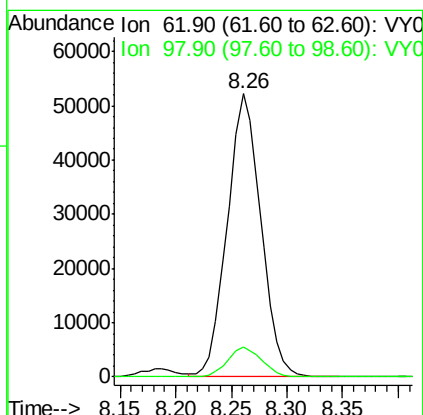
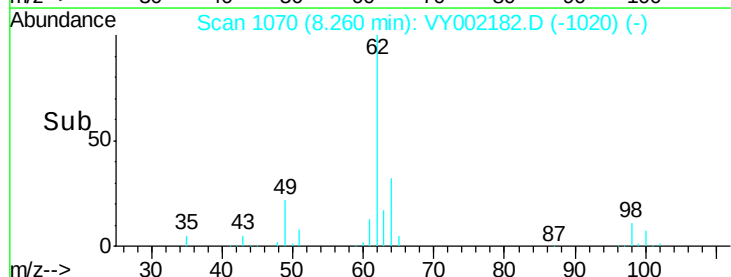
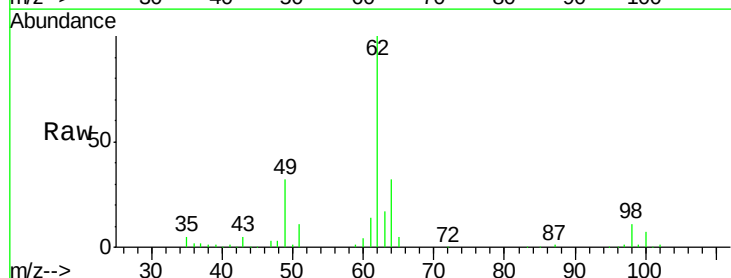
Manual Integrations
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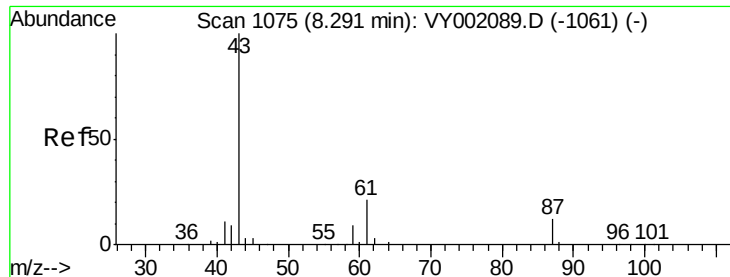
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#42
1,2-Dichloroethane
Concen: 51.998 ug/l
RT: 8.26 min Scan# 1070
Delta R.T. 0.01 min
Lab File: VY002182.D
Acq: 02 Apr 2020 11:09

Tgt Ion	62	Resp	109330
Ion	Ratio	Lower	Upper
62	100		
98	10.7	0.0	21.2





#43

Isopropyl Acetate

Concen: 52.137 ug/l

RT: 8.30 min Scan# 1076

Delta R.T. 0.01 min

Lab File: VY002182.D

Acq: 02 Apr 2020 11:09

Instrument :

MSVOA_Y

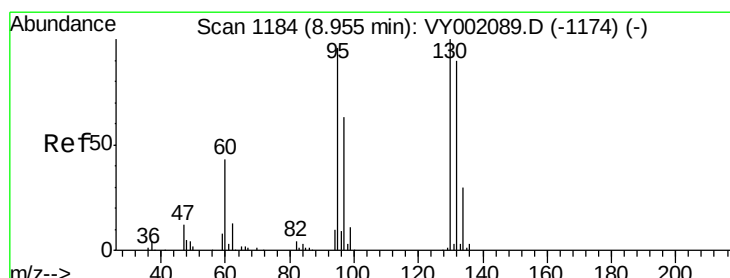
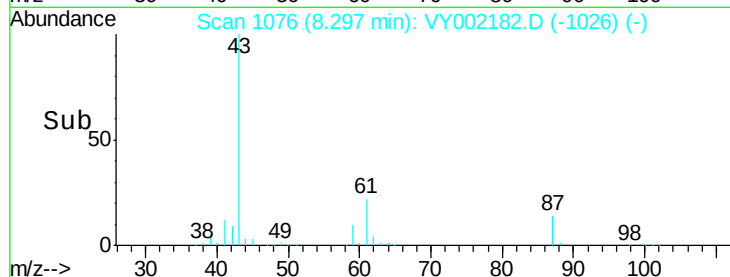
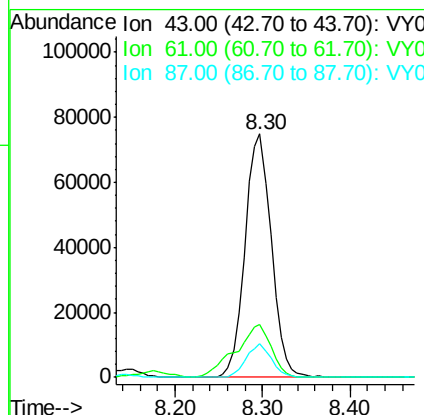
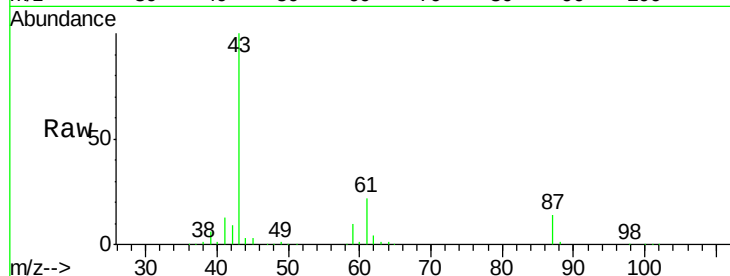
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	156347
Ion	Ratio	Lower	Upper
43	100		
61	29.3	23.4	35.2
87	13.2	10.2	15.4

Manual Integrations
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sam
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#44

Trichloroethene

Concen: 52.756 ug/l

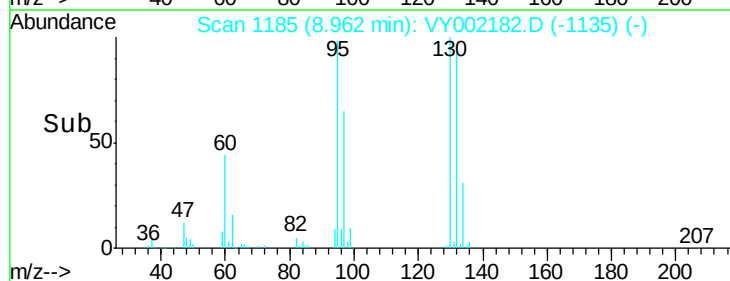
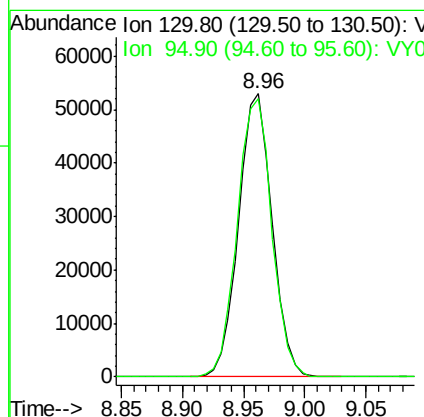
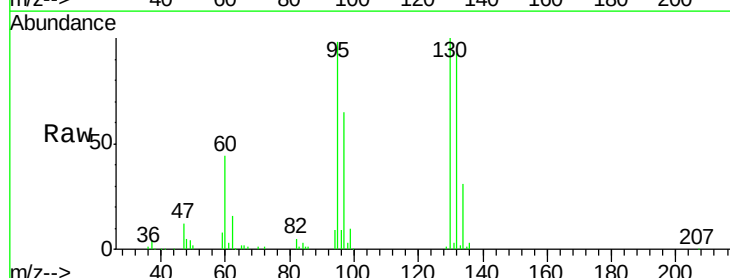
RT: 8.96 min Scan# 1185

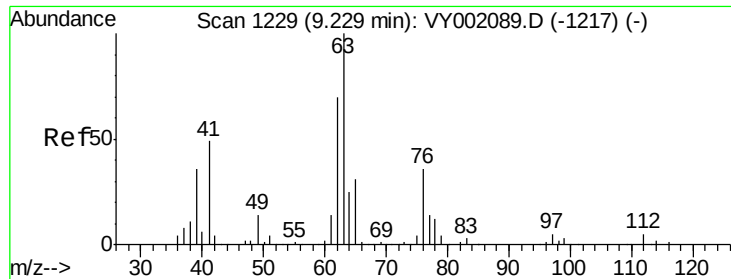
Delta R.T. 0.01 min

Lab File: VY002182.D

Acq: 02 Apr 2020 11:09

Tgt Ion:	130	Resp:	100713
Ion	Ratio	Lower	Upper
130	100		
95	98.1	0.0	193.0





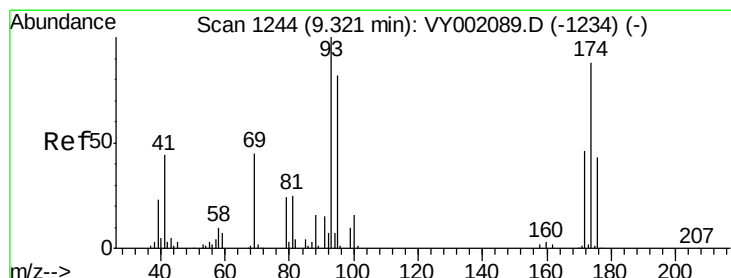
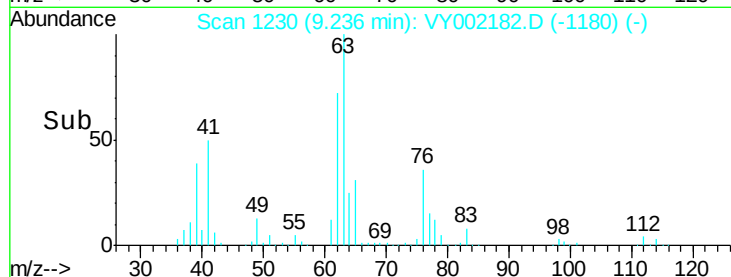
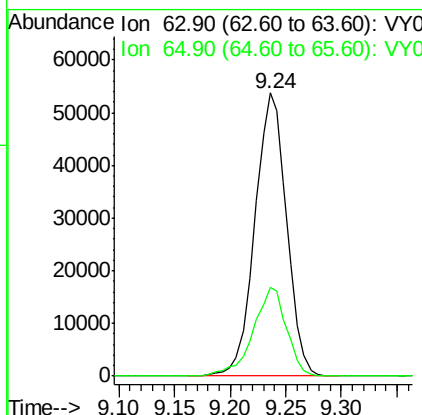
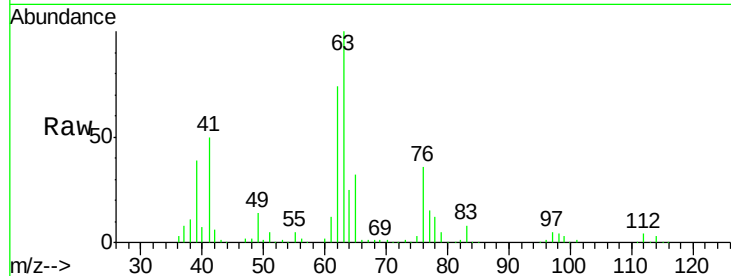
#45
 1,2-Dichloropropane
 Concen: 52.798 ug/l
 RT: 9.24 min Scan# 1230
 Delta R.T. 0.01 min
 Lab File: VY002182.D
 Acq: 02 Apr 2020 11:09

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 106468
 Ion Ratio Lower Upper
 63 100
 65 31.6 25.0 37.6

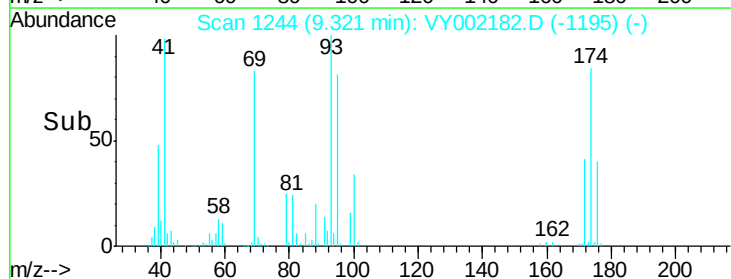
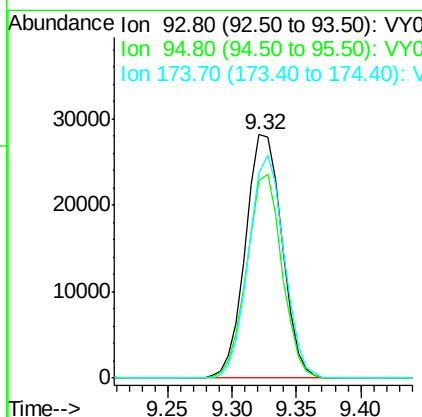
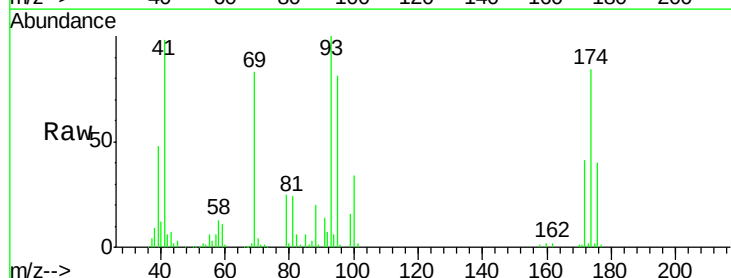
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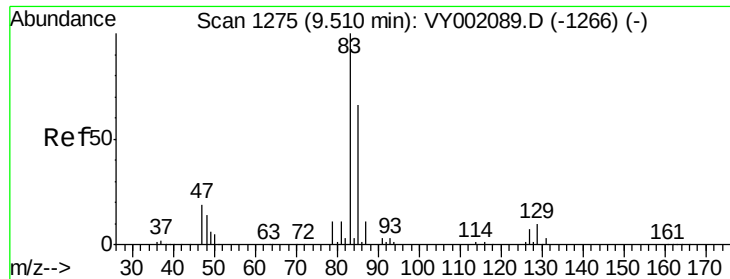
Sam
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#46
 Dibromomethane
 Concen: 53.289 ug/l
 RT: 9.32 min Scan# 1244
 Delta R.T. 0.00 min
 Lab File: VY002182.D
 Acq: 02 Apr 2020 11:09

Tgt Ion: 93 Resp: 55186
 Ion Ratio Lower Upper
 93 100
 95 80.8 66.0 99.0
 174 88.8 69.8 104.8





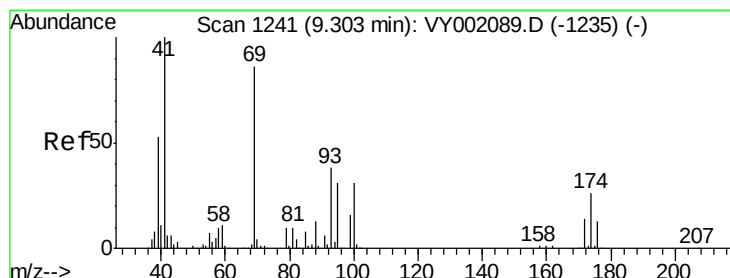
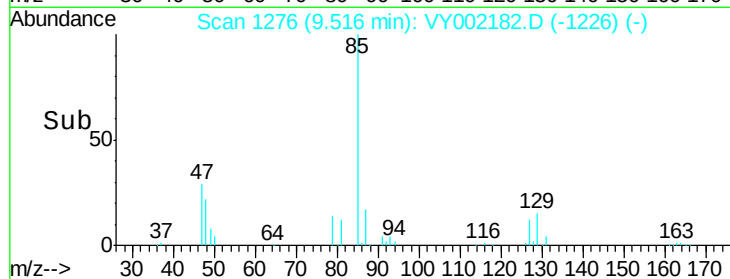
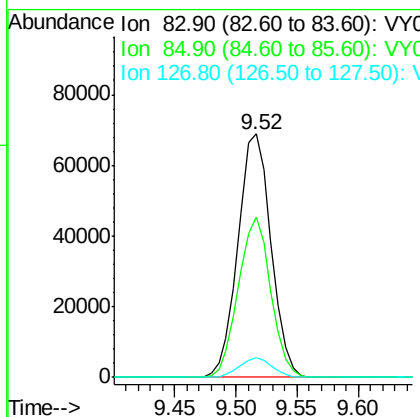
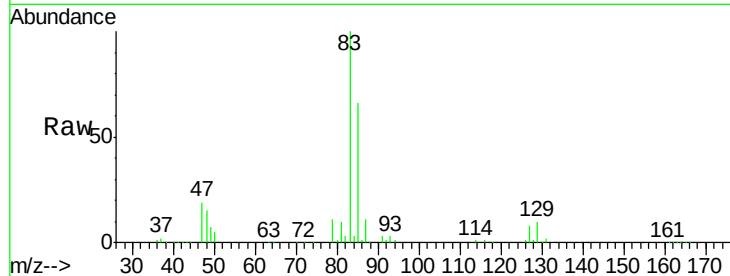
#47
Bromodichloromethane
Concen: 53.498 ug/l
RT: 9.52 min Scan# 1276
Delta R.T. 0.01 min
Lab File: VY002182.D
Acq: 02 Apr 2020 11:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
85	65.7	52.6	79.0
127	8.0	5.9	8.9

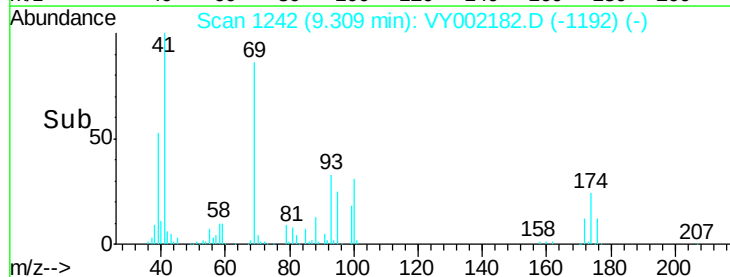
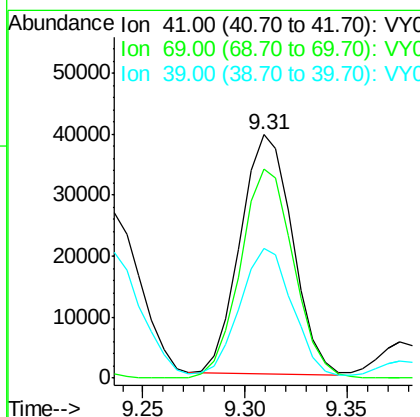
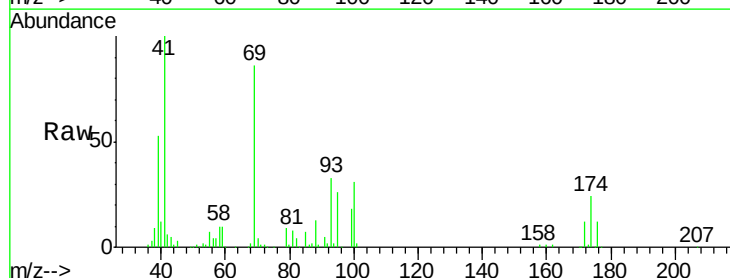
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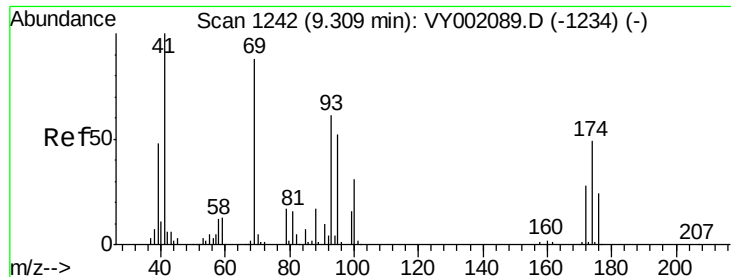
sam
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#48
Methyl methacrylate
Concen: 51.977 ug/l
RT: 9.31 min Scan# 1242
Delta R.T. 0.01 min
Lab File: VY002182.D
Acq: 02 Apr 2020 11:09

Tgt Ion	Ratio	Lower	Upper
41	100		
69	89.0	71.4	107.0
39	53.1	41.0	61.4





#49

1,4-Dioxane

Concen: 1001.700 ug/l

RT: 9.32 min Scan# 1244

Delta R.T. 0.01 min

Lab File: VY002182.D

Acq: 02 Apr 2020 11:09

Instrument :

MSVOA_Y

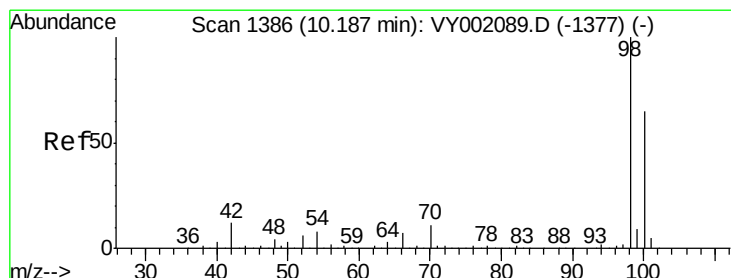
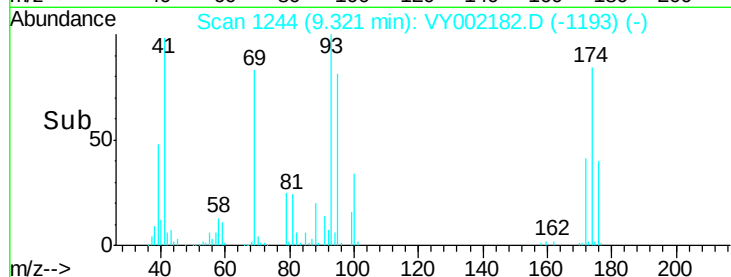
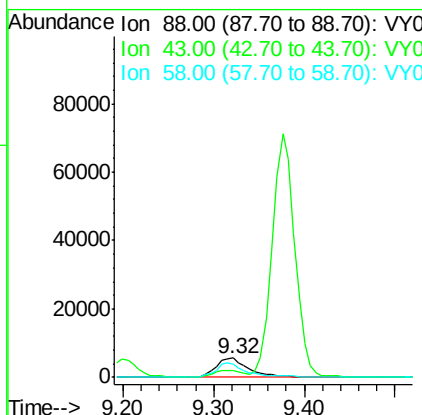
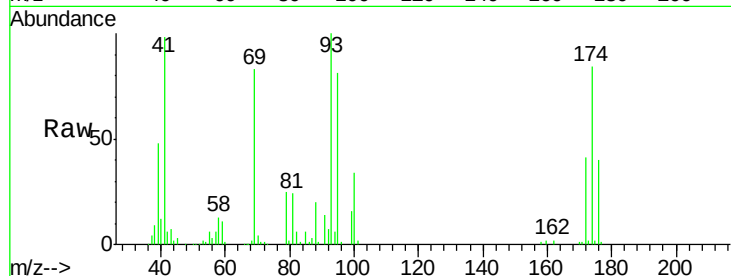
ClientSampleId :

VSTDCCC050

Tot Ion:	88	Resp:	14235
Ion	Ratio	Lower	Upper
88	100		
43	31.0	27.2	40.8
58	72.1	59.8	89.8

Manual Integrations
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#50

Toluene-d8

Concen: 51.404 ug/l

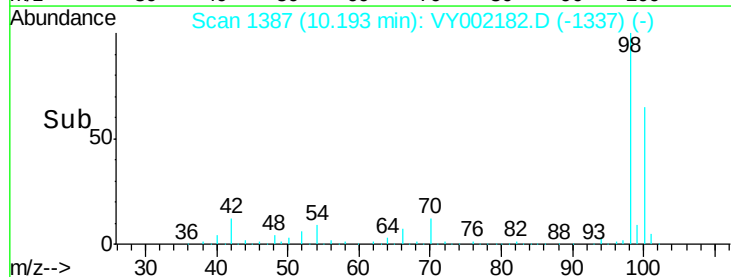
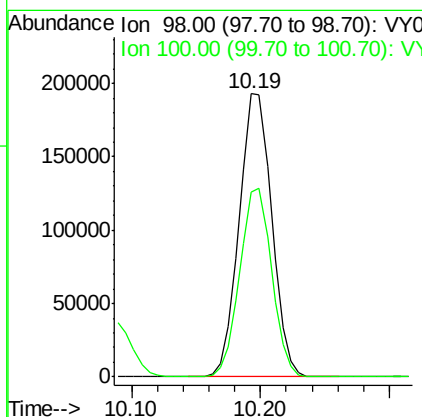
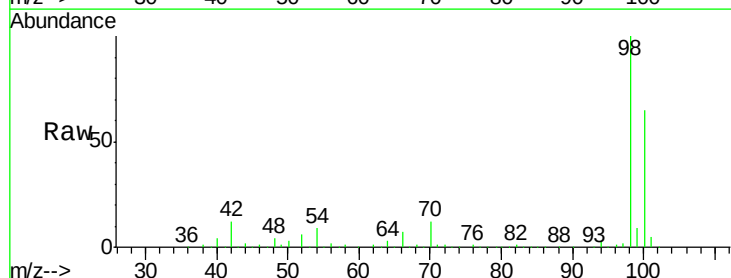
RT: 10.19 min Scan# 1387

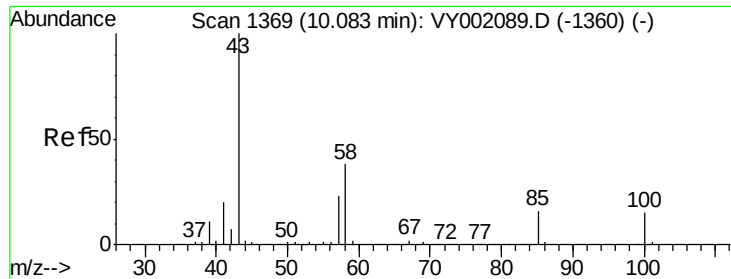
Delta R.T. 0.01 min

Lab File: VY002182.D

Acq: 02 Apr 2020 11:09

Tgt Ion:	98	Resp:	338215
Ion	Ratio	Lower	Upper
98	100		
100	65.3	51.6	77.4





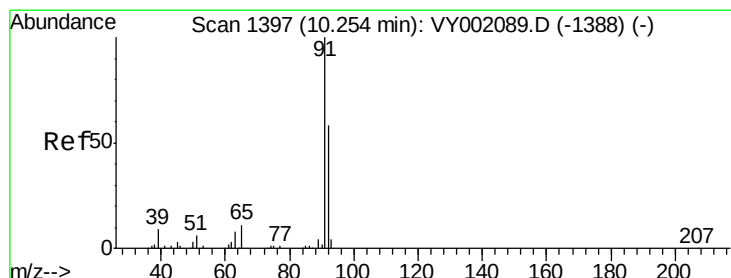
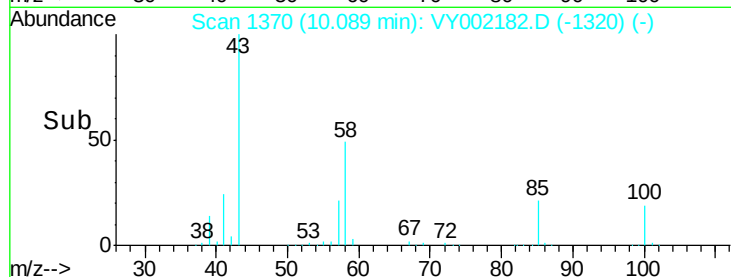
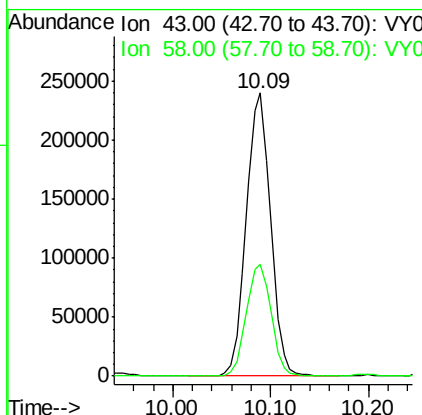
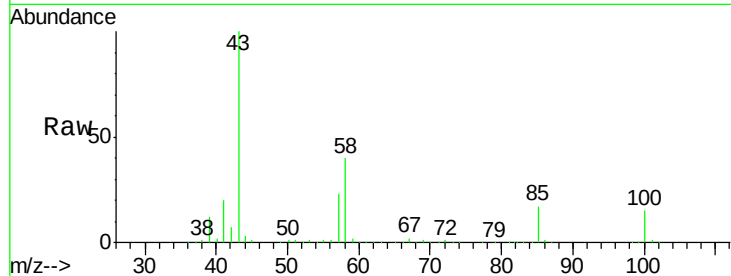
#51
4-Methyl-2-Pentanone
Concen: 268.364 ug/l
RT: 10.09 min Scan# 1370
Delta R.T. 0.01 min
Lab File: VY002182.D
Acq: 02 Apr 2020 11:09

Instrument :
MSVOA_Y
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
58	40.2	31.6	47.4

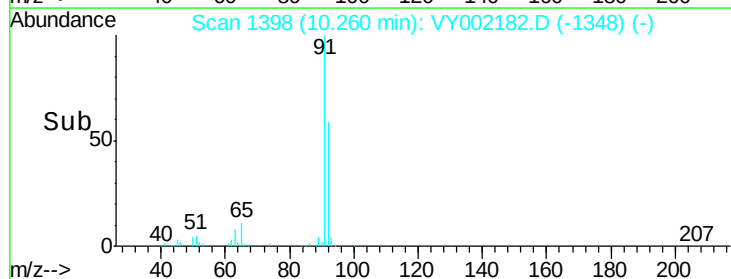
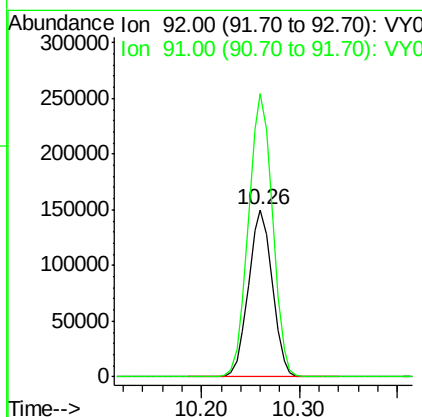
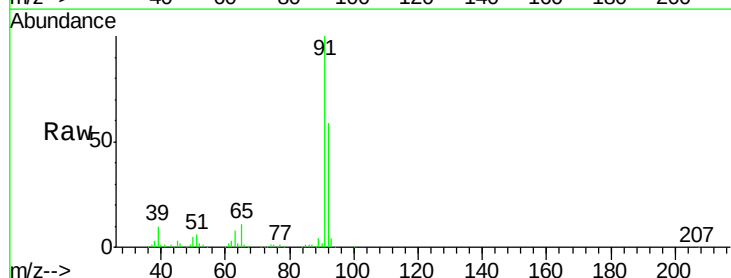
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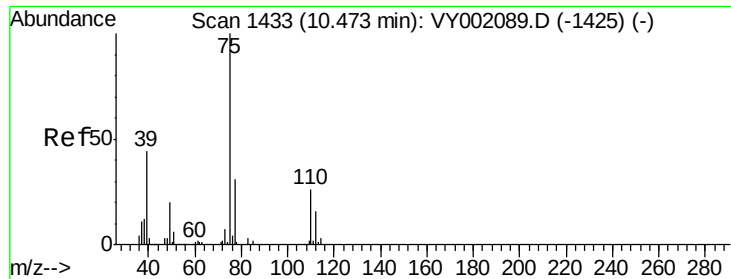
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#52
Toluene
Concen: 52.795 ug/l
RT: 10.26 min Scan# 1398
Delta R.T. 0.01 min
Lab File: VY002182.D
Acq: 02 Apr 2020 11:09

Tgt Ion	Ratio	Lower	Upper
92	100		
91	171.9	139.3	208.9





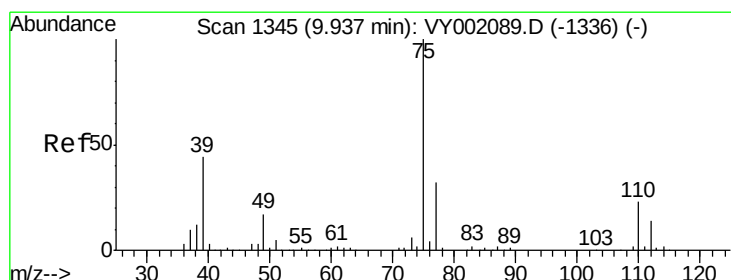
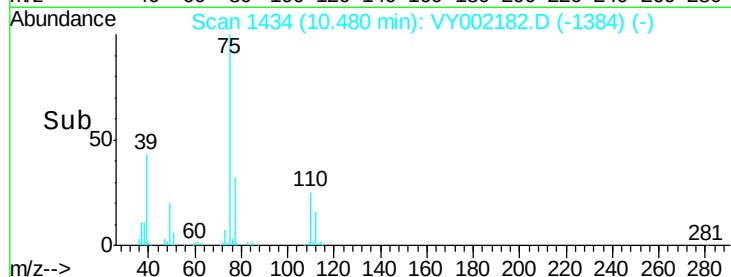
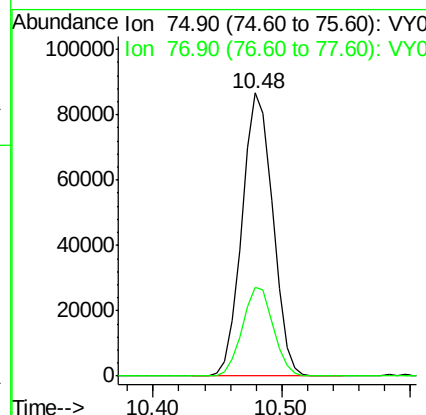
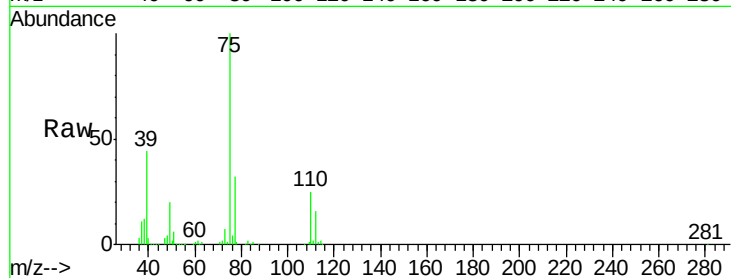
#53
 t-1,3-Dichloropropene
 Concen: 53.443 ug/l
 RT: 10.48 min Scan# 1434
 Delta R.T. 0.01 min
 Lab File: VY002182.D
 Acq: 02 Apr 2020 11:09

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion: 75 Resp: 143004
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.2 37.8

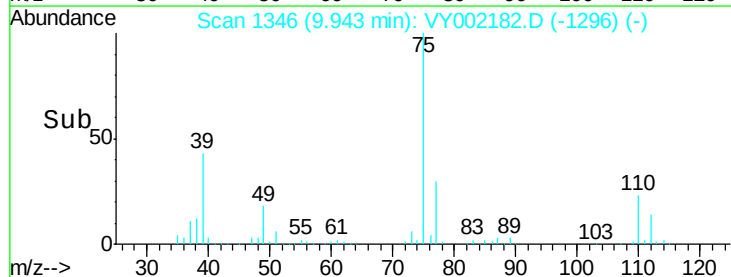
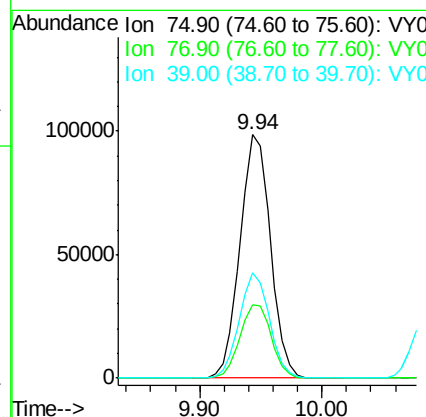
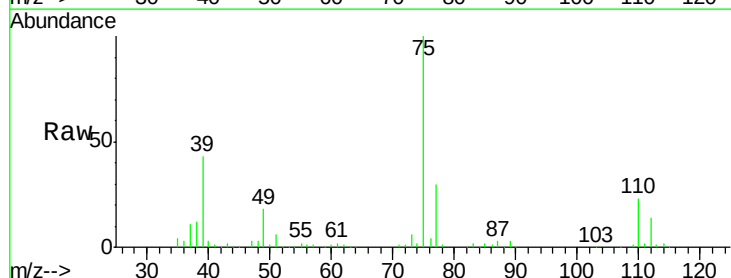
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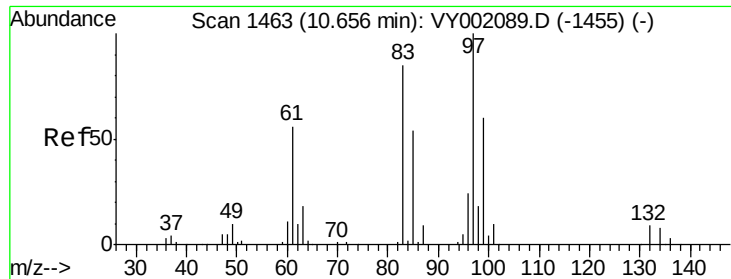
sam
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#54
 cis-1,3-Dichloropropene
 Concen: 53.824 ug/l
 RT: 9.94 min Scan# 1346
 Delta R.T. 0.01 min
 Lab File: VY002182.D
 Acq: 02 Apr 2020 11:09

Tgt Ion: 75 Resp: 169568
 Ion Ratio Lower Upper
 75 100
 77 30.2 25.6 38.4
 39 43.2 35.2 52.8





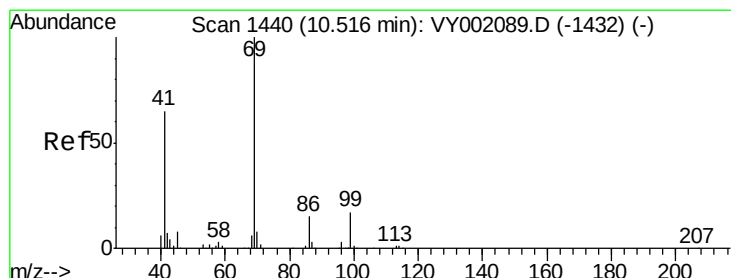
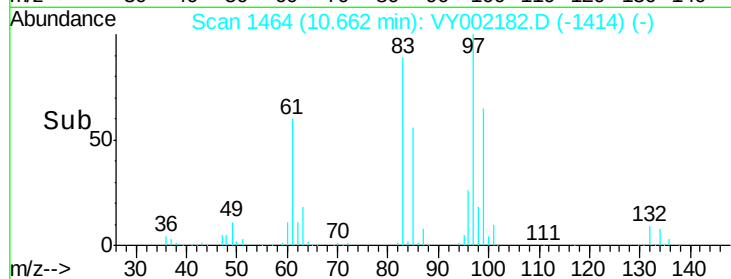
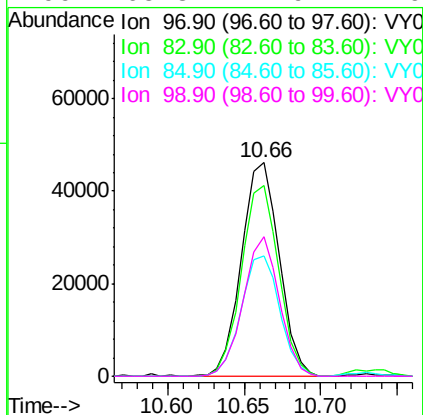
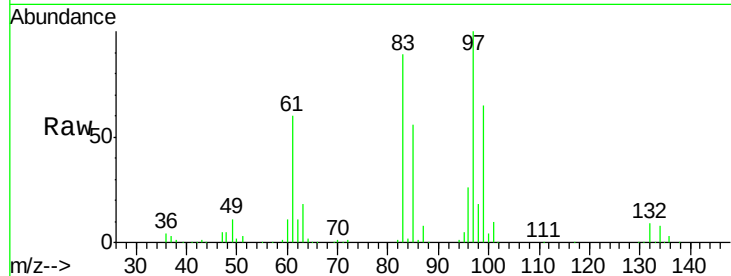
#55
 1,1,2-Trichloroethane
 Concen: 51.821 ug/l
 RT: 10.66 min Scan# 1464
 Delta R.T. 0.01 min
 Lab File: VY002182.D
 Acq: 02 Apr 2020 11:09

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	79426
Ion	Ratio	Lower	Upper
97	100		
83	89.3	68.2	102.2
85	56.2	42.9	64.3
99	65.3	47.9	71.9

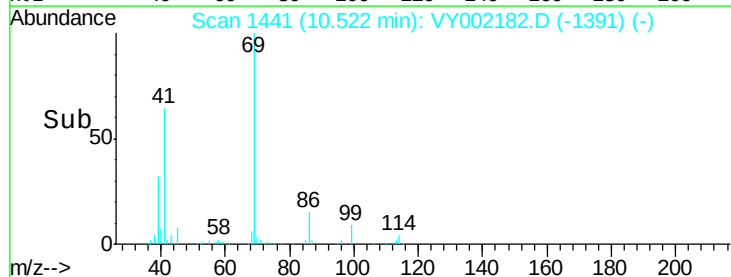
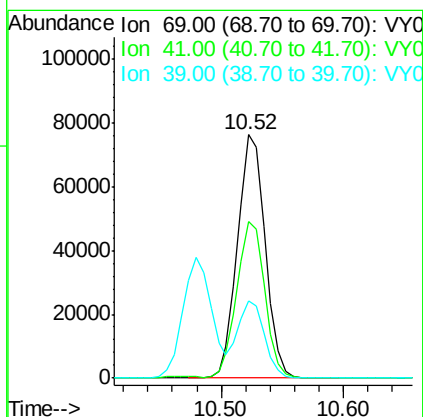
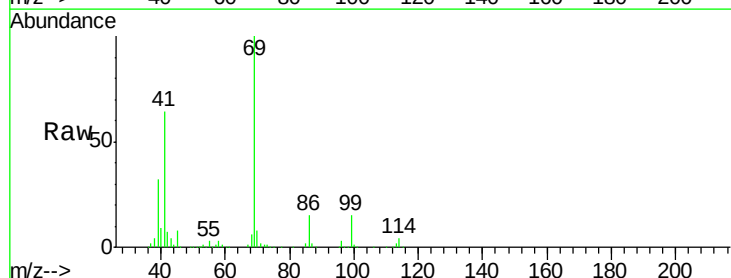
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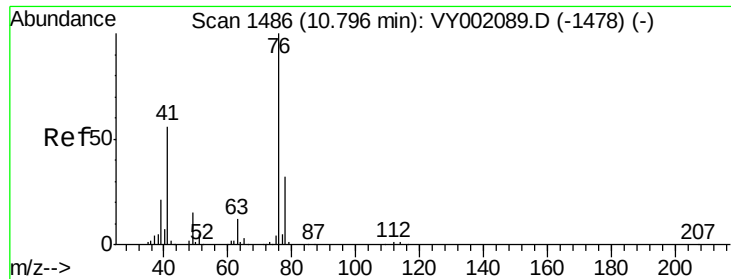
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#56
 Ethyl methacrylate
 Concen: 53.490 ug/l
 RT: 10.52 min Scan# 1441
 Delta R.T. 0.01 min
 Lab File: VY002182.D
 Acq: 02 Apr 2020 11:09

Tgt Ion:	69	Resp:	119746
Ion	Ratio	Lower	Upper
69	100		
41	64.3	52.8	79.2
39	30.8	25.0	37.6





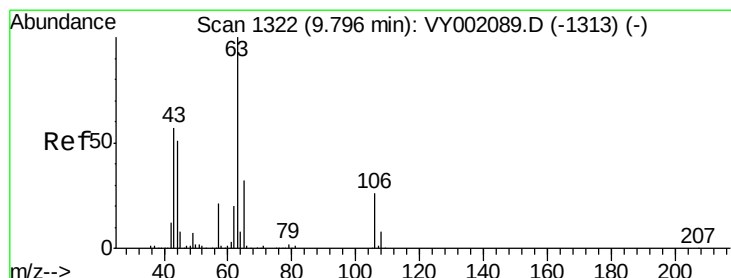
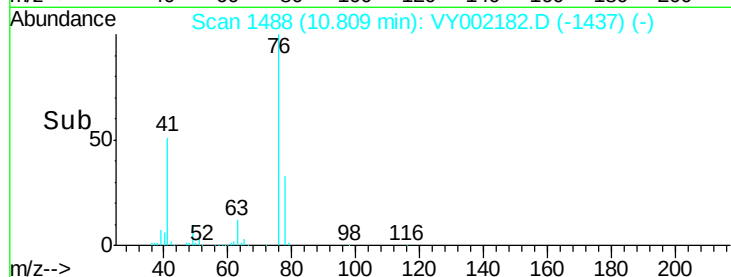
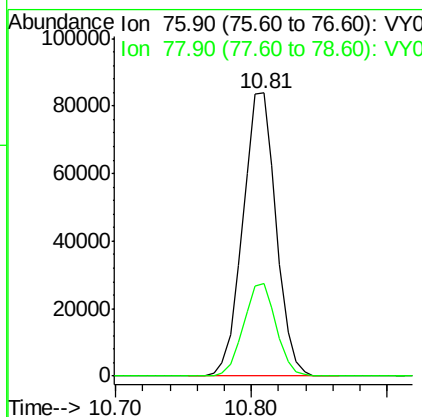
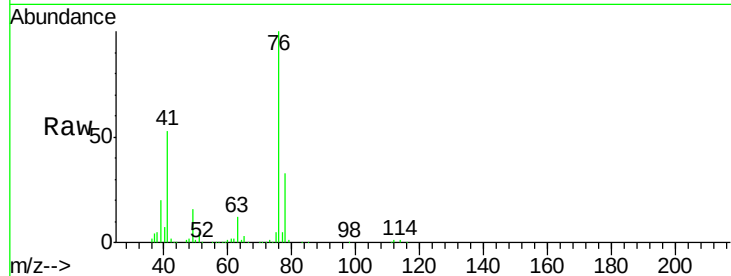
#57
 1,3-Dichloropropane
 Concen: 52.955 ug/l
 RT: 10.81 min Scan# 1488
 Delta R.T. 0.01 min
 Lab File: VY002182.D
 Acq: 02 Apr 2020 11:09

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion: 76 Resp: 143404
 Ion Ratio Lower Upper
 76 100
 78 32.1 26.1 39.1

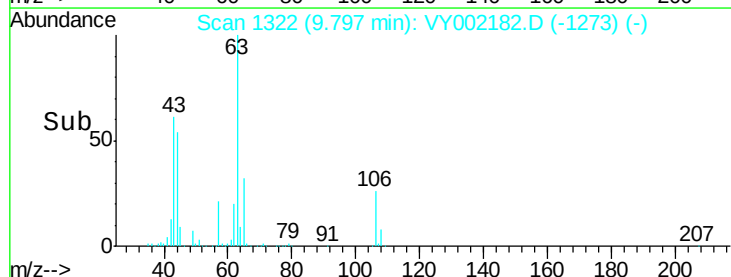
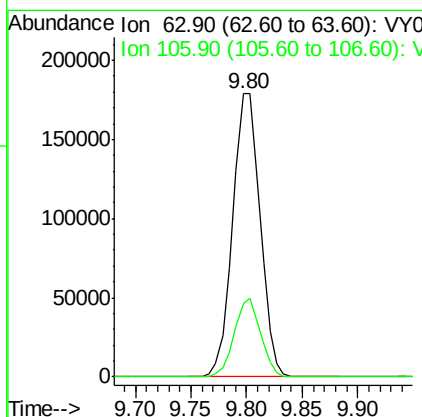
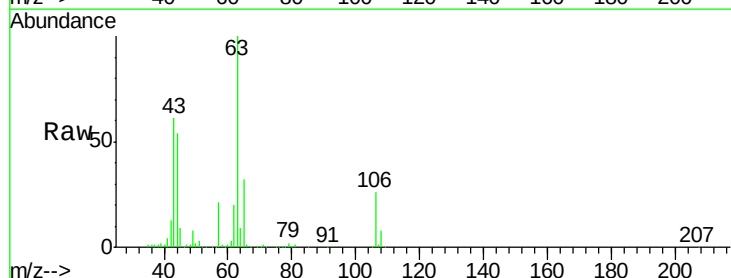
Manual Integrations
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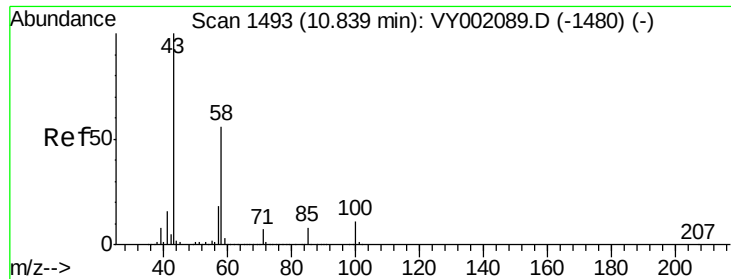
sam
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#58
 2-Chloroethyl Vinyl ether
 Concen: 266.185 ug/l
 RT: 9.80 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VY002182.D
 Acq: 02 Apr 2020 11:09

Tgt Ion: 63 Resp: 306196
 Ion Ratio Lower Upper
 63 100
 106 26.5 21.0 31.4





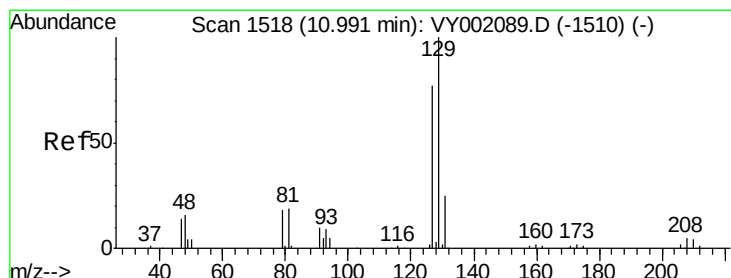
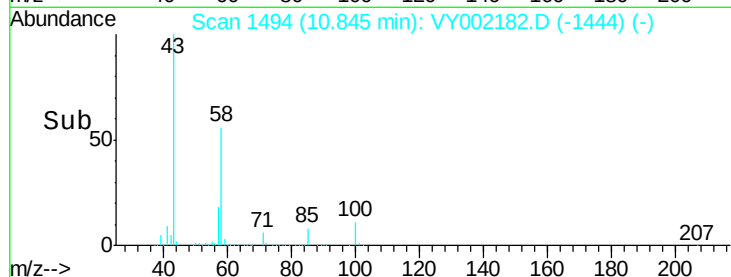
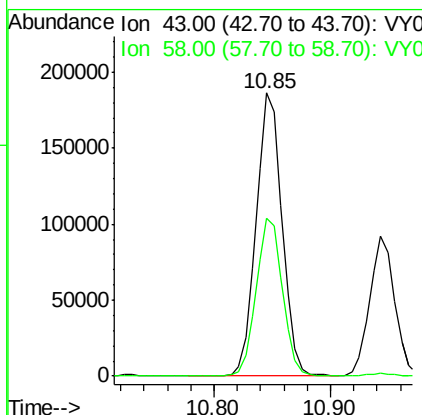
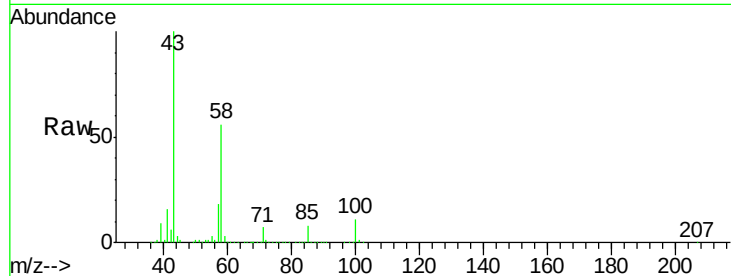
#59
2-Hexanone
Concen: 267.607 ug/l
RT: 10.85 min Scan# 1494
Delta R.T. 0.01 min
Lab File: VY002182.D
Acq: 02 Apr 2020 11:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 291078
Ion Ratio Lower Upper
43 100
58 56.4 27.9 83.6

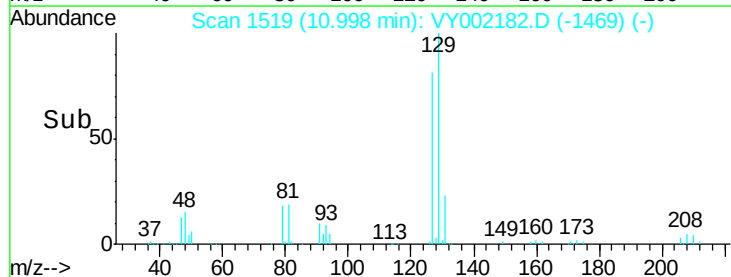
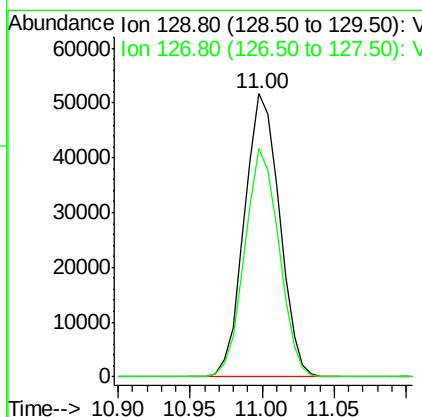
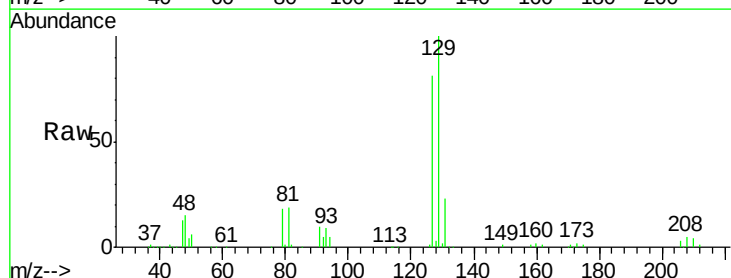
Manual Integrations
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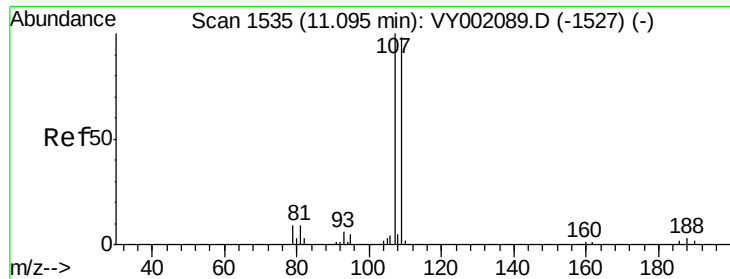
sam
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#60
Dibromochloromethane
Concen: 54.477 ug/l
RT: 11.00 min Scan# 1519
Delta R.T. 0.01 min
Lab File: VY002182.D
Acq: 02 Apr 2020 11:09

Tgt Ion: 129 Resp: 87373
Ion Ratio Lower Upper
129 100
127 78.6 38.7 116.1





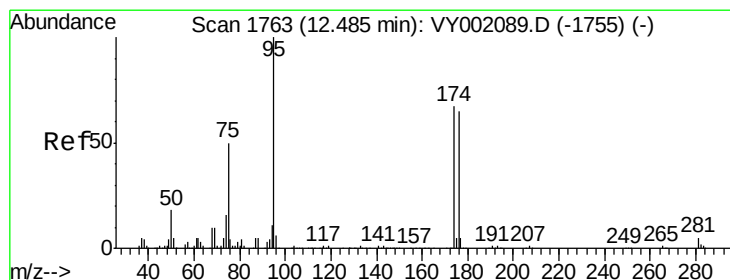
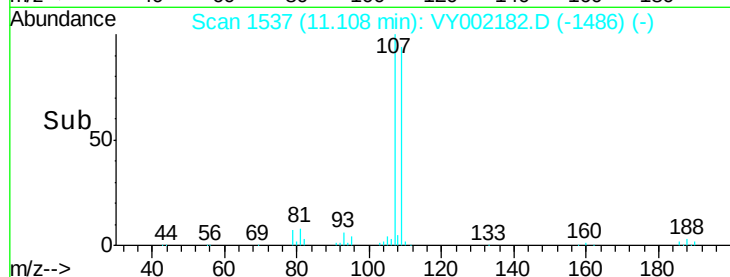
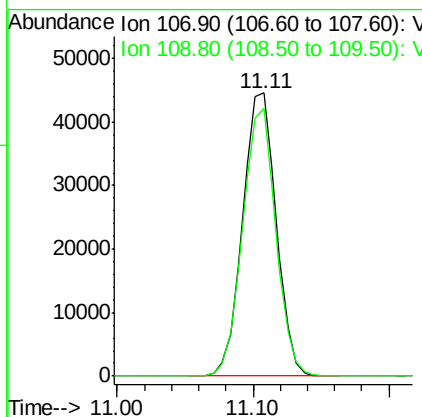
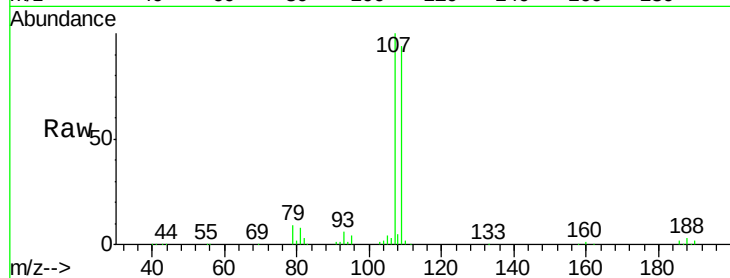
#61
 1,2-Dibromoethane
 Concen: 53.708 ug/l
 RT: 11.11 min Scan# 1537
 Delta R.T. 0.01 min
 Lab File: VY002182.D
 Acq: 02 Apr 2020 11:09

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.4	76.3	114.5

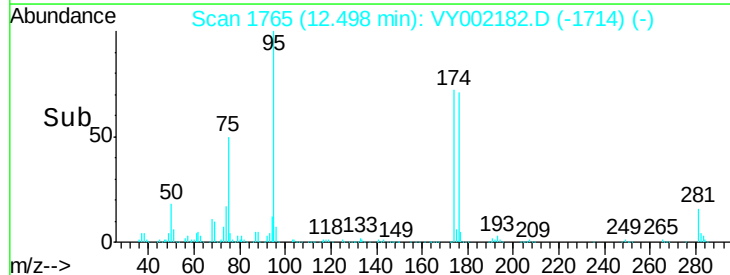
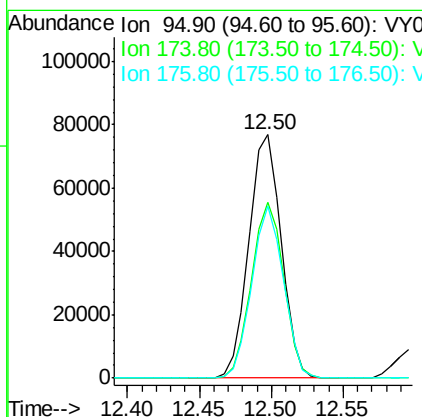
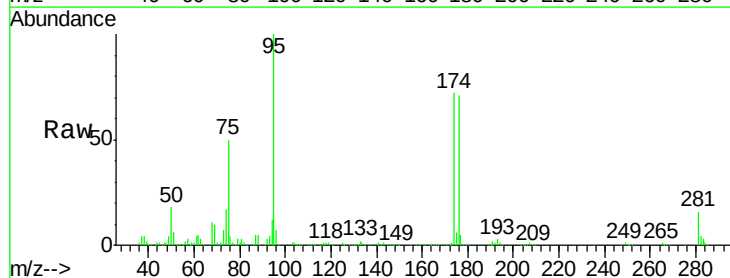
Manual Integrations
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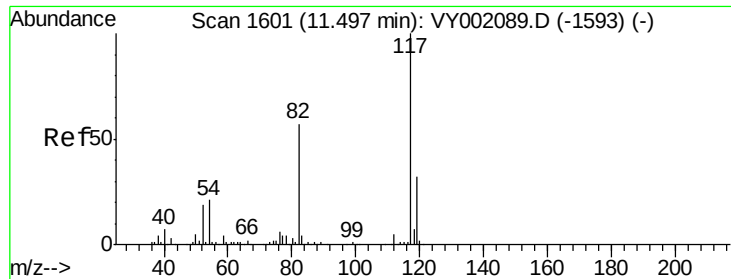
sam
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#62
 4-Bromofluorobenzene
 Concen: 51.786 ug/l
 RT: 12.50 min Scan# 1765
 Delta R.T. 0.01 min
 Lab File: VY002182.D
 Acq: 02 Apr 2020 11:09

Tgt Ion	Ratio	Lower	Upper
95	100		
174	71.8	0.0	143.4
176	69.2	0.0	137.0





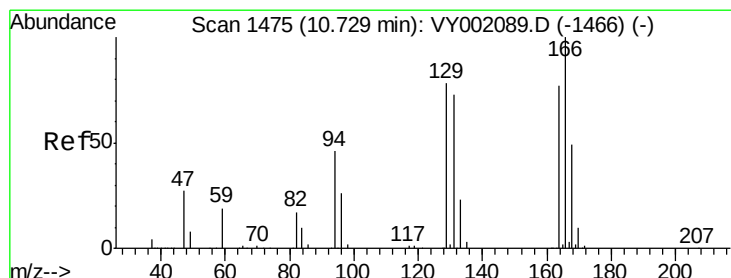
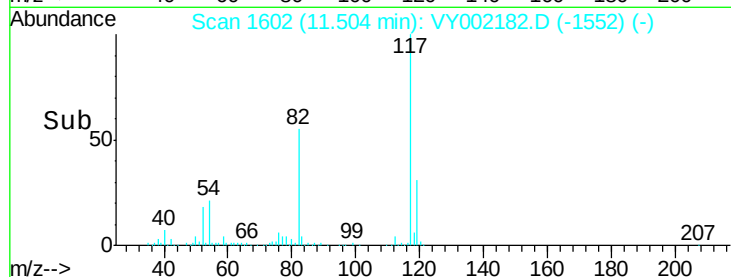
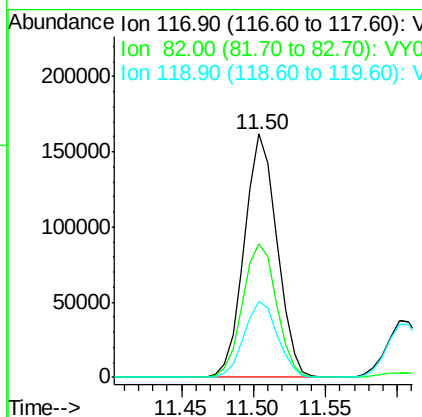
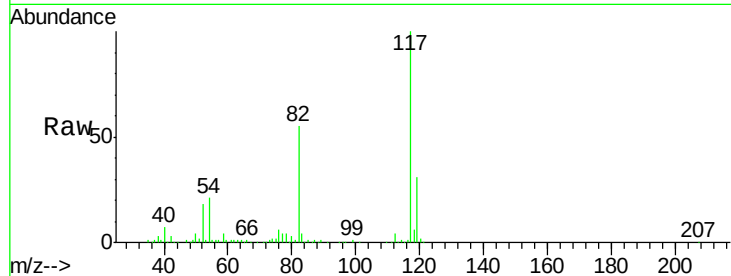
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY002182.D
Acq: 02 Apr 2020 11:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	253649		
82	54.9	45.4	68.2	
119	31.1	25.3	37.9	

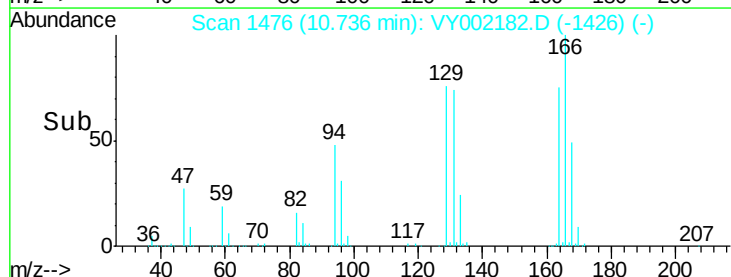
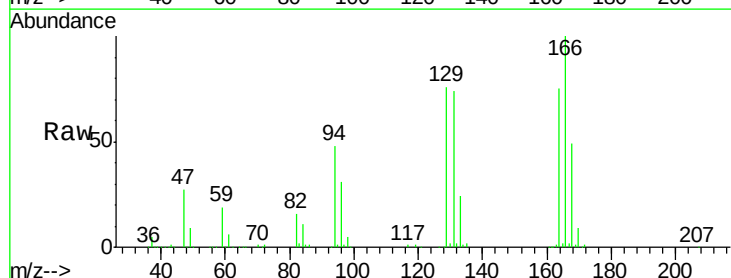
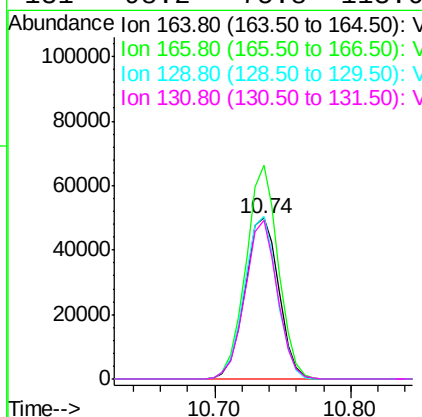
Manual Integrations
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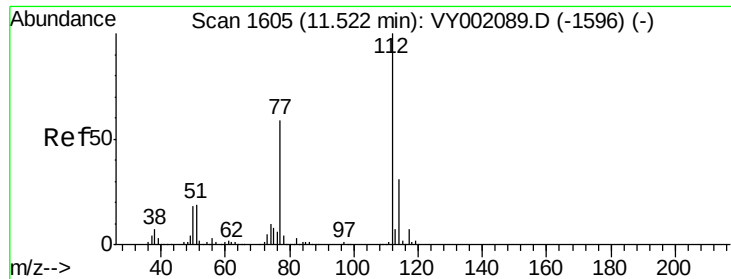
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#64
Tetrachloroethene
Concen: 55.917 ug/l
RT: 10.74 min Scan# 1476
Delta R.T. 0.01 min
Lab File: VY002182.D
Acq: 02 Apr 2020 11:09

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	86776		
166	132.6	104.0	156.0	
129	100.7	81.2	121.8	
131	98.2	75.8	113.6	





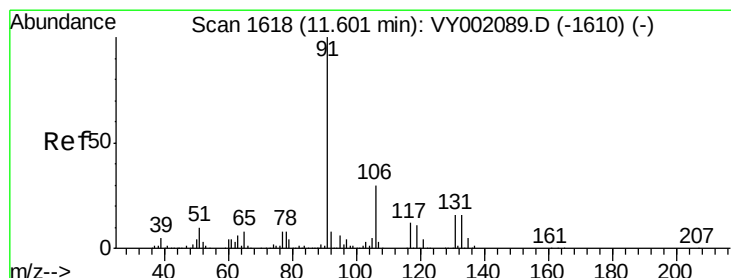
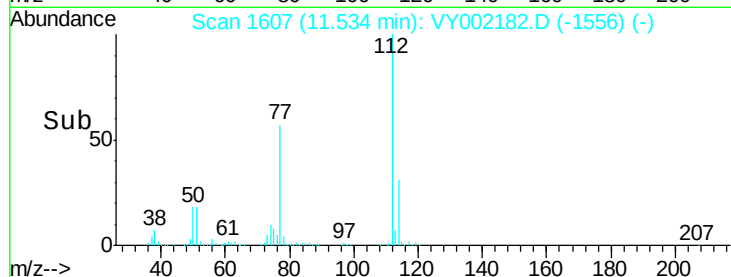
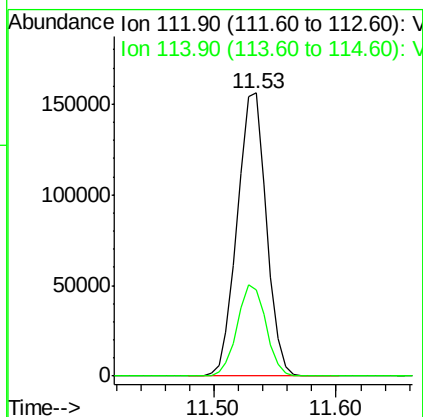
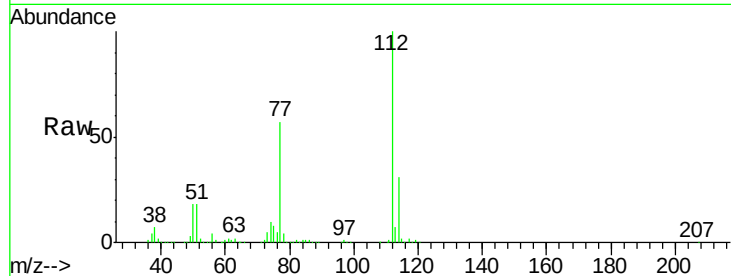
#65
Chlorobenzene
Concen: 52.432 ug/l
RT: 11.53 min Scan# 1607
Delta R.T. 0.01 min
Lab File: VY002182.D
Acq: 02 Apr 2020 11:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 256720
Ion Ratio Lower Upper
112 100
114 30.6 24.9 37.3

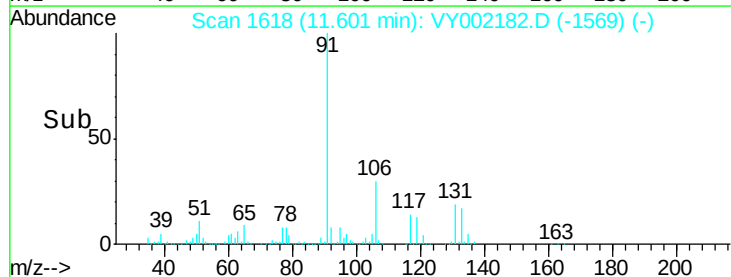
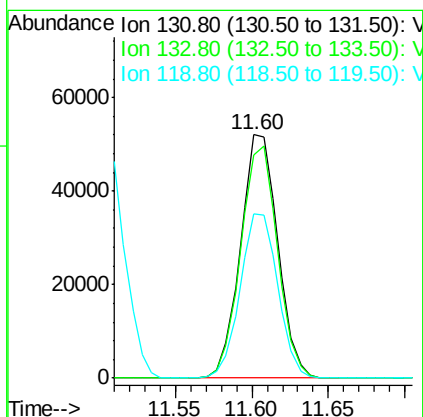
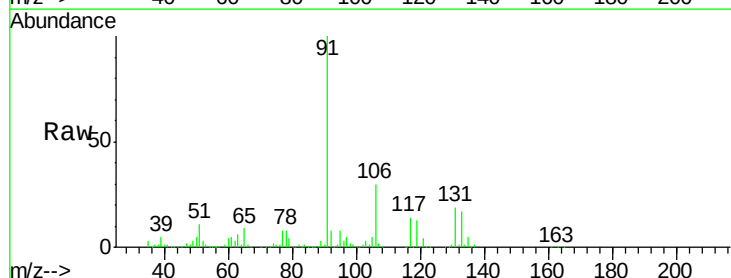
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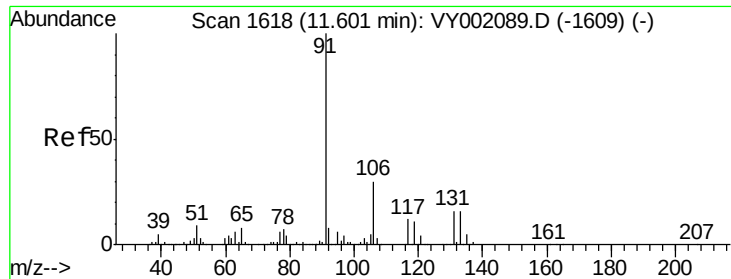
sam
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#66
1,1,1,2-Tetrachloroethane
Concen: 53.867 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VY002182.D
Acq: 02 Apr 2020 11:09

Tgt Ion:131 Resp: 88237
Ion Ratio Lower Upper
131 100
133 94.3 47.5 142.5
119 67.9 34.6 103.9





#67

Ethyl Benzene

Concen: 53.448 ug/l

RT: 11.61 min Scan# 1619

Delta R.T. 0.01 min

Lab File: VY002182.D

Acq: 02 Apr 2020 11:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 486038

Ion Ratio Lower Upper

91 100

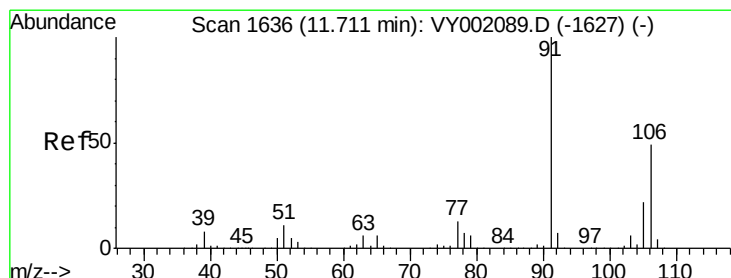
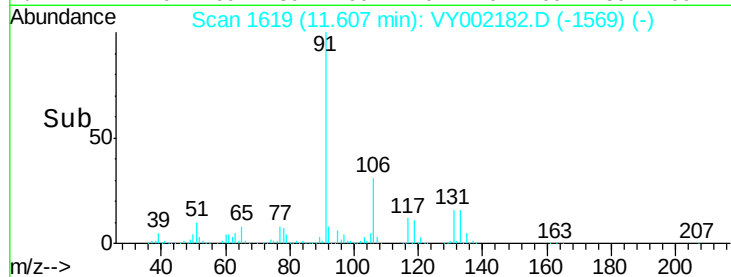
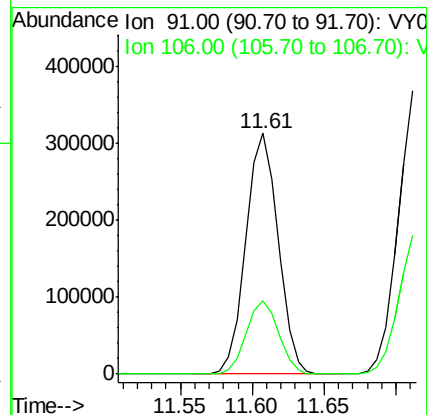
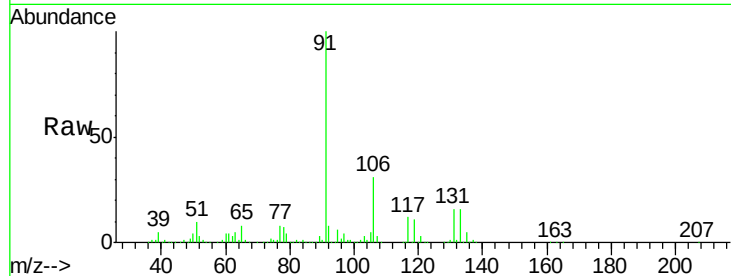
106 30.6 24.1 36.1

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#68

m/p-Xylenes

Concen: 107.069 ug/l

RT: 11.72 min Scan# 1637

Delta R.T. 0.01 min

Lab File: VY002182.D

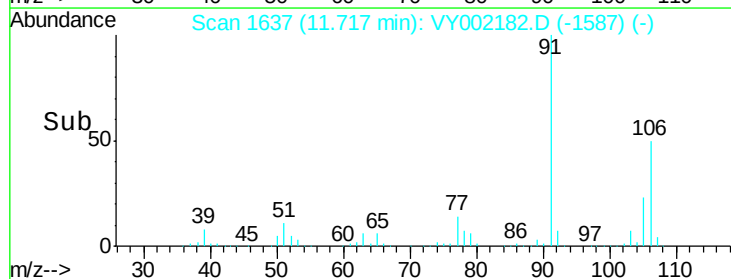
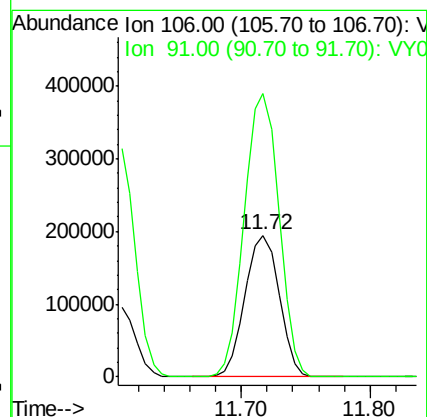
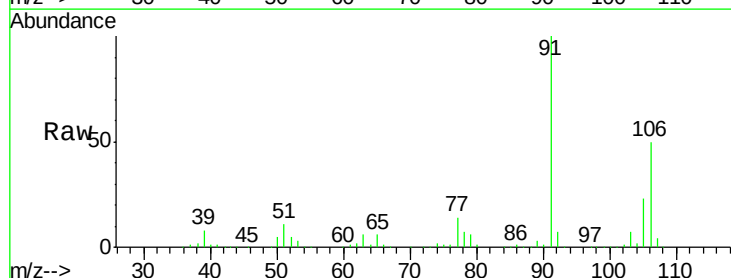
Acq: 02 Apr 2020 11:09

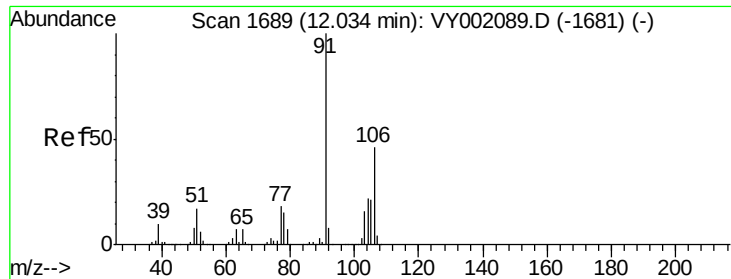
Tgt Ion: 106 Resp: 359992

Ion Ratio Lower Upper

106 100

91 201.8 162.8 244.2





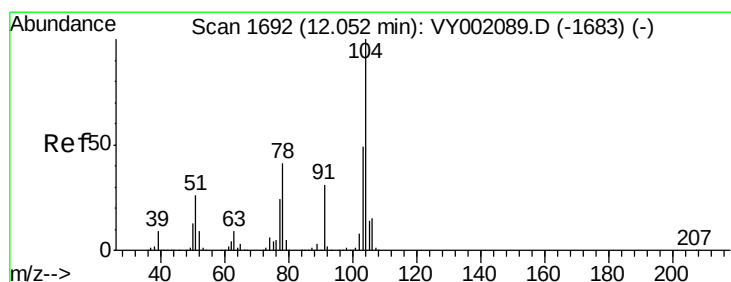
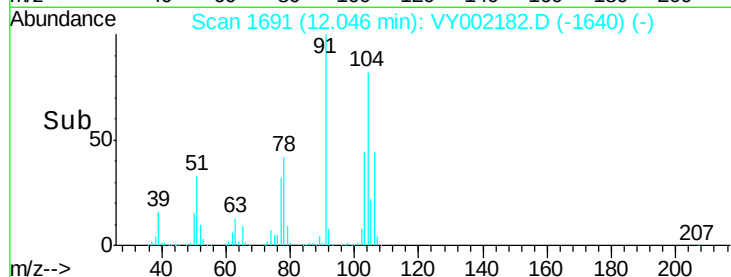
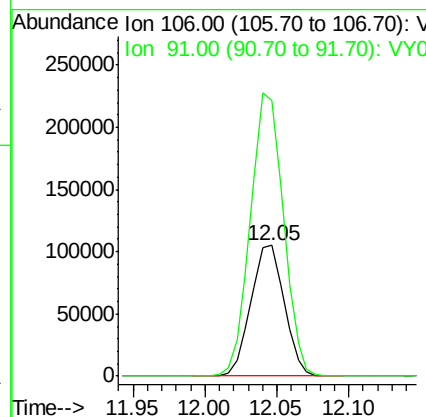
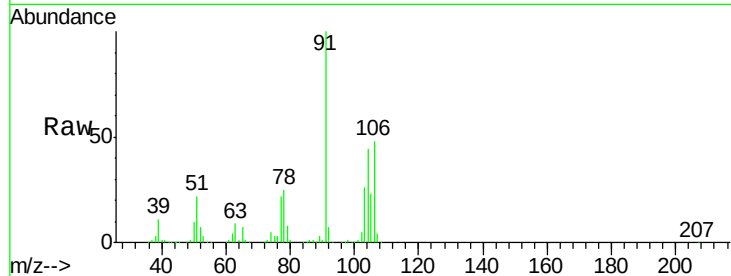
#69
o-Xylene
Concen: 52.858 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.01 min
Lab File: VY002182.D
Acq: 02 Apr 2020 11:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 168588
Ion Ratio Lower Upper
106 100
91 214.0 107.3 321.8

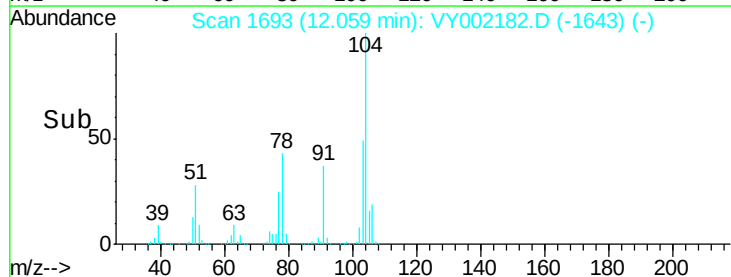
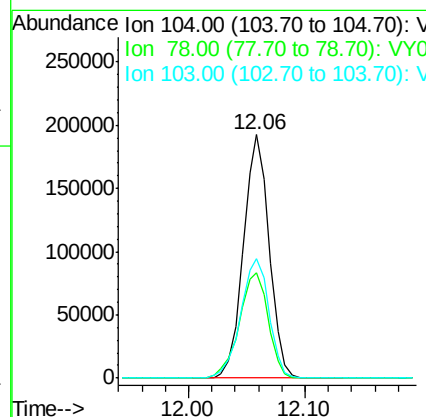
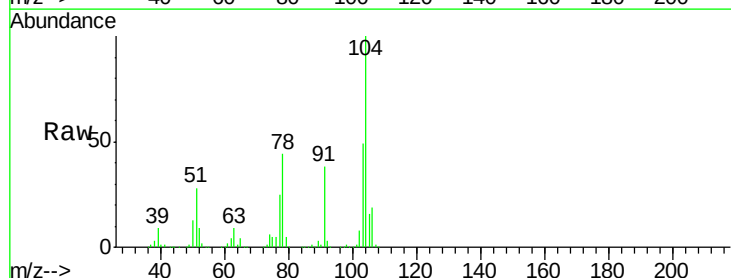
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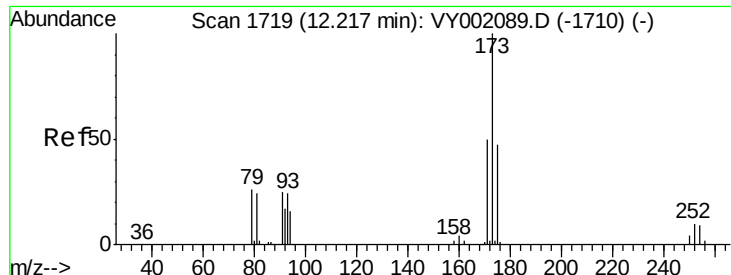
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#70
Styrene
Concen: 53.608 ug/l
RT: 12.06 min Scan# 1693
Delta R.T. 0.01 min
Lab File: VY002182.D
Acq: 02 Apr 2020 11:09

Tgt Ion:104 Resp: 296278
Ion Ratio Lower Upper
104 100
78 48.6 37.9 56.9
103 54.2 43.2 64.8





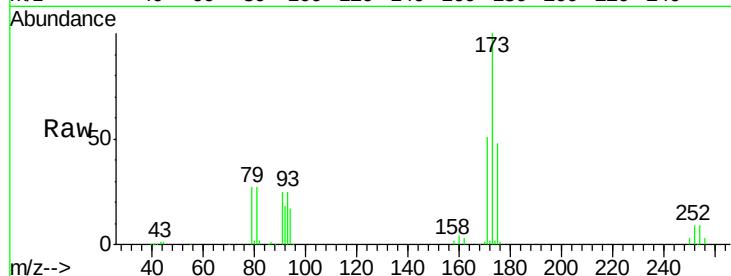
#71
Bromoform
Concen: 55.306 ug/l
RT: 12.22 min Scan# 1720
Delta R.T. 0.01 min
Lab File: VY002182.D
Acq: 02 Apr 2020 11:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

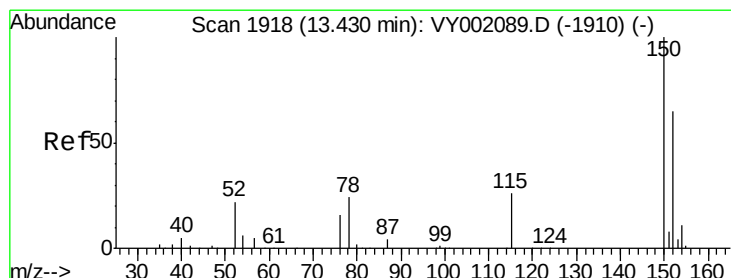
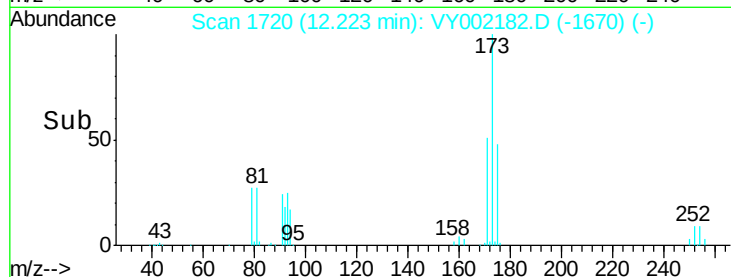
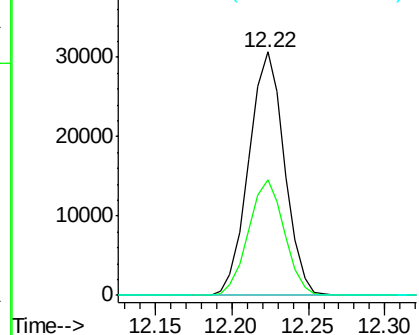
Tot Ion	Ratio	Lower	Upper
173	100		
175	47.8	23.9	71.8
254	0.0	0.0	0.0

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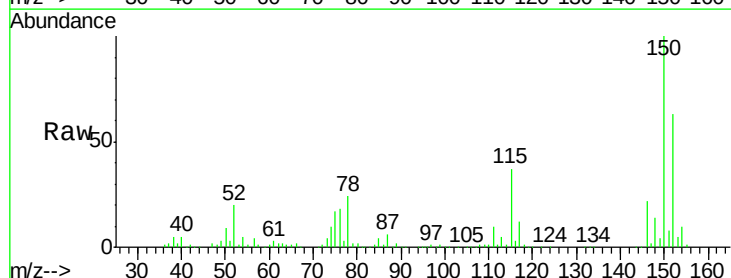


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

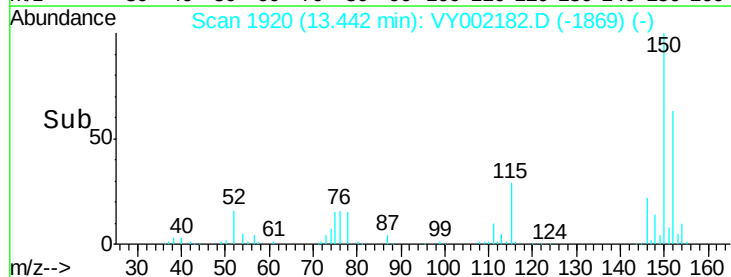
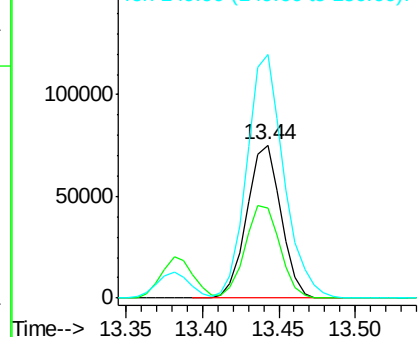


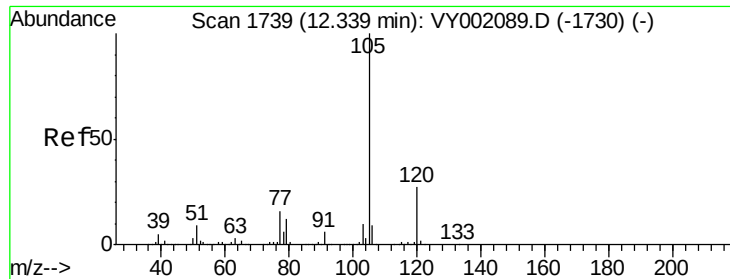
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1920
Delta R.T. 0.01 min
Lab File: VY002182.D
Acq: 02 Apr 2020 11:09

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.1	31.2	93.6
150	172.4	0.0	354.8



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





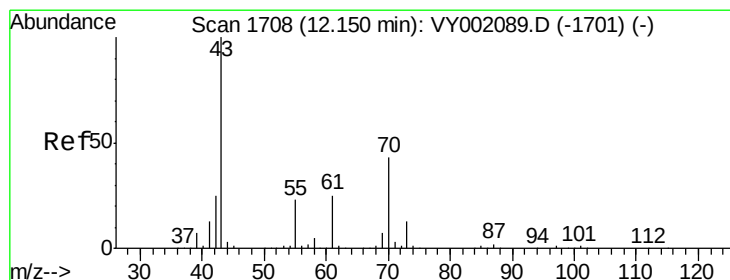
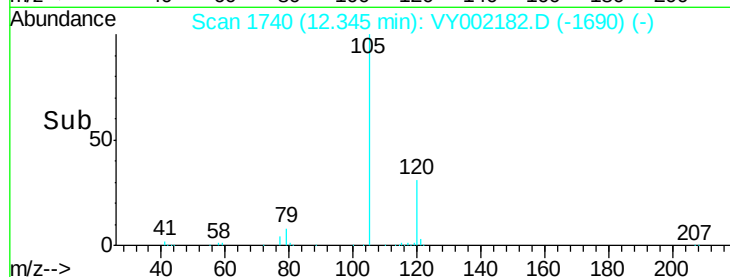
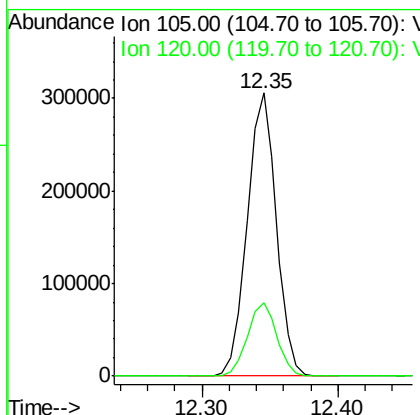
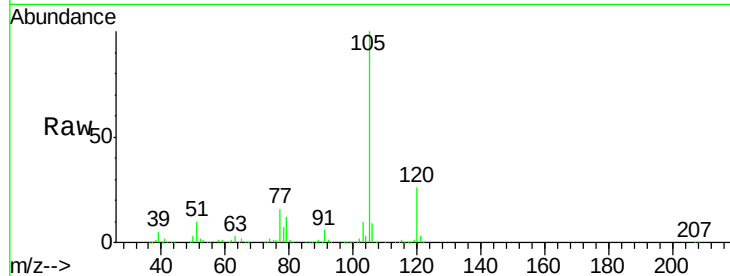
#73
Isopropylbenzene
Concen: 52.971 ug/l
RT: 12.35 min Scan# 1740
Delta R.T. 0.01 min
Lab File: VY002182.D
Acq: 02 Apr 2020 11:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.0	13.3	39.8

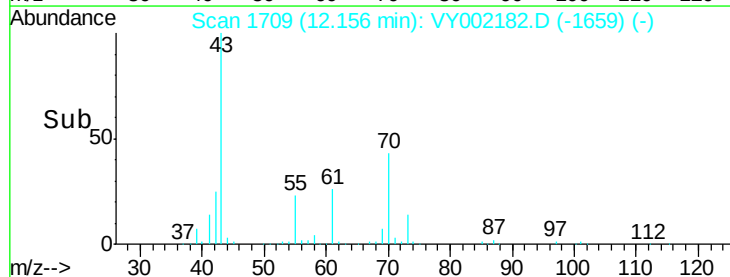
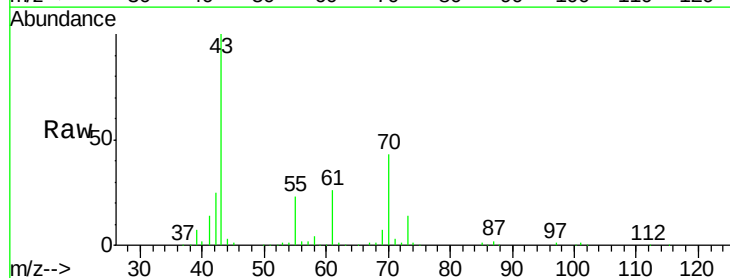
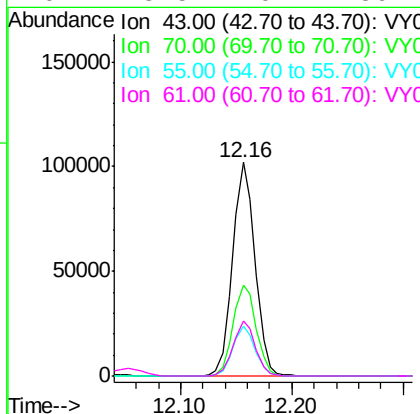
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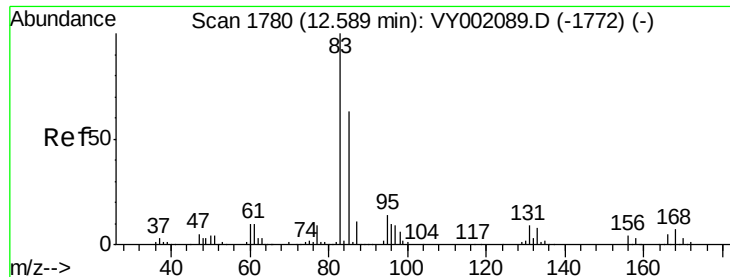
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#74
N-ethyl acetate
Concen: 52.071 ug/l
RT: 12.16 min Scan# 1709
Delta R.T. 0.01 min
Lab File: VY002182.D
Acq: 02 Apr 2020 11:09

Tgt Ion	Ratio	Lower	Upper
43	100		
70	43.9	35.0	52.4
55	23.2	18.7	28.1
61	25.5	20.2	30.2





#75

1,1,2,2-Tetrachloroethane

Concen: 52.781 ug/l

RT: 12.60 min Scan# 1781

Delta R.T. 0.01 min

Lab File: VY002182.D

Acq: 02 Apr 2020 11:09

Instrument :

MSVOA_Y

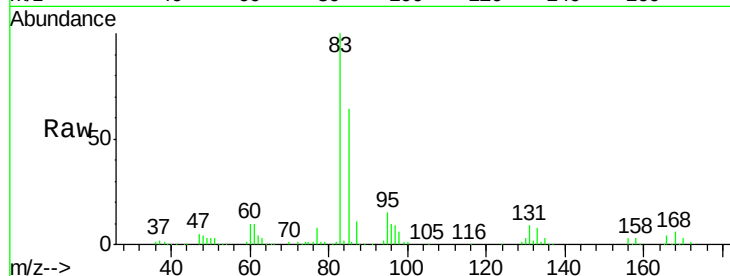
ClientSampleId :

VSTDCCC050

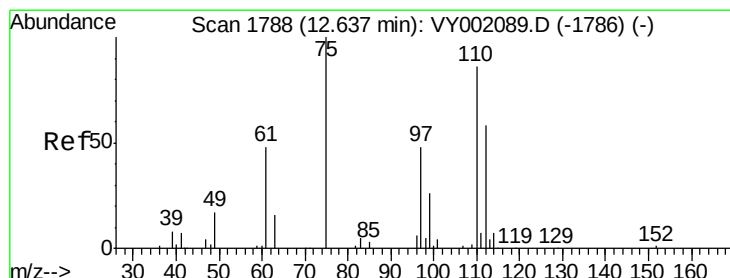
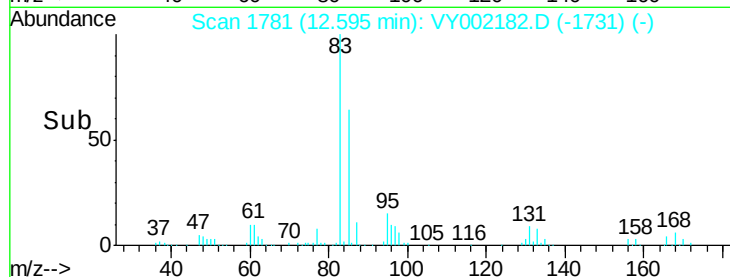
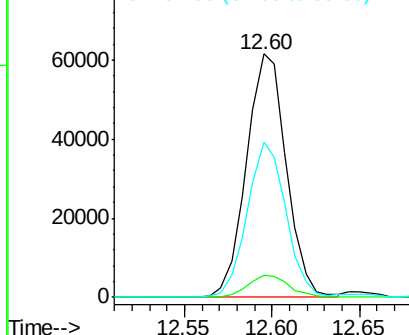
Tot Ion:	83	Resp:	98161
Ion Ratio	Lower	Upper	
83	100		
131	9.4	4.7	14.1
85	61.7	32.4	97.0

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Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 130.80 (130.50 to 131.50): VY0
Ion 84.90 (84.60 to 85.60): VY0



#76

1,2,3-Trichloropropane

Concen: 57.811 ug/l m

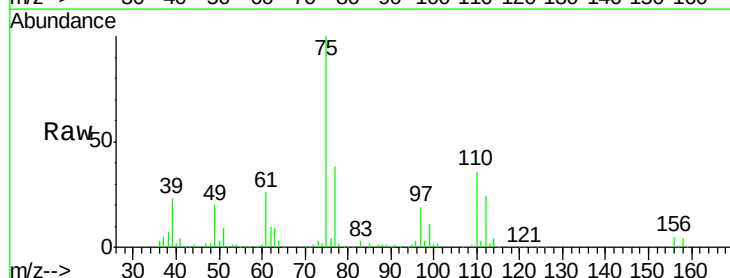
RT: 12.65 min Scan# 1790

Delta R.T. 0.01 min

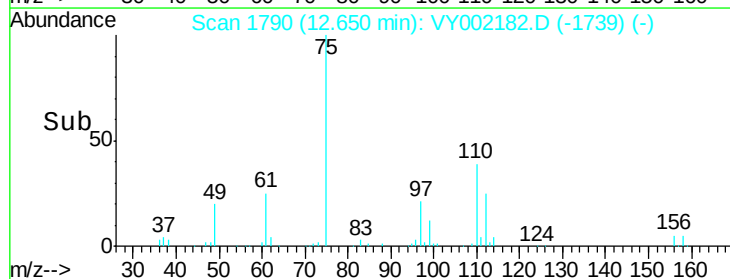
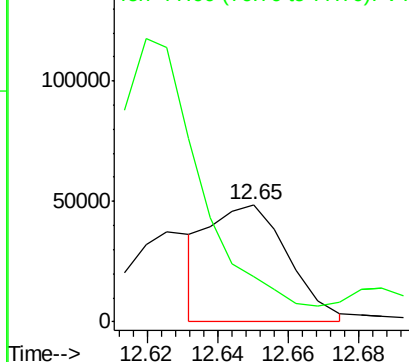
Lab File: VY002182.D

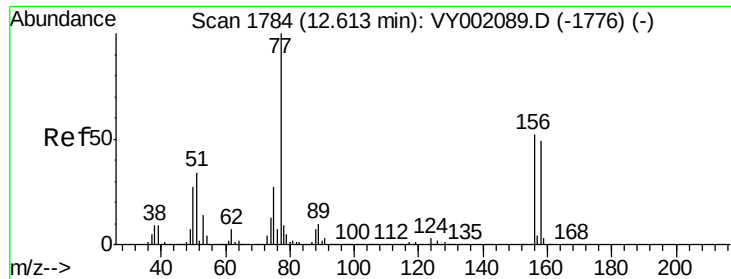
Acq: 02 Apr 2020 11:09

Tgt Ion:	75	Resp:	75343
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 77.00 (76.70 to 77.70): VY0





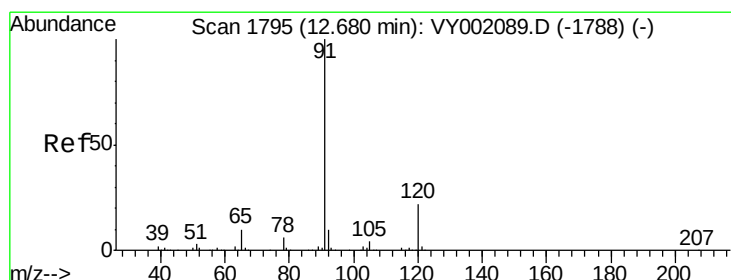
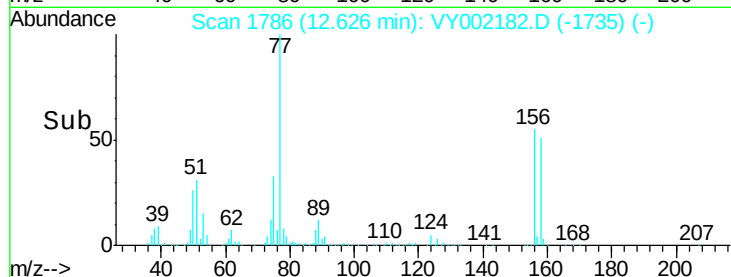
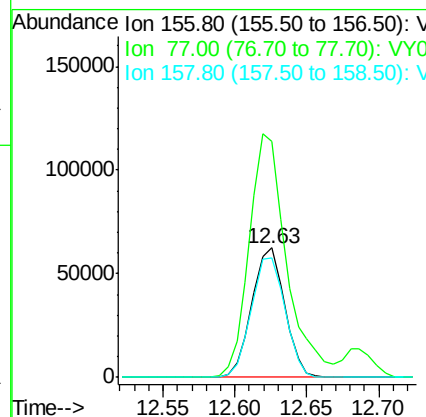
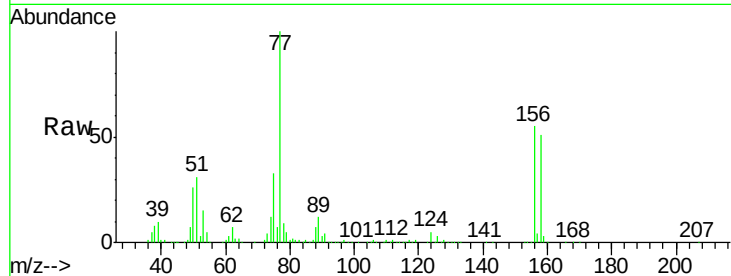
#77
Bromobenzene
Concen: 53.399 ug/l
RT: 12.63 min Scan# 1786
Delta R.T. 0.01 min
Lab File: VY002182.D
Acq: 02 Apr 2020 11:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	215.1	107.8	323.6
158	95.4	47.5	142.6

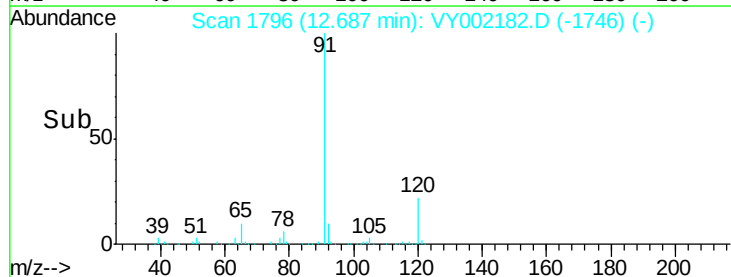
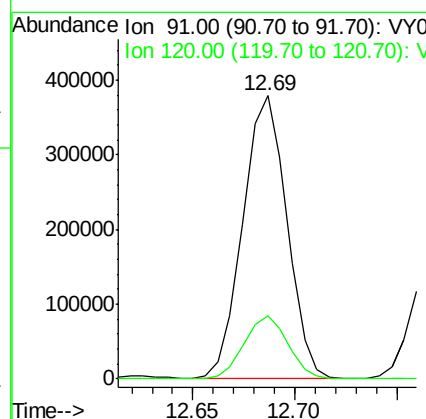
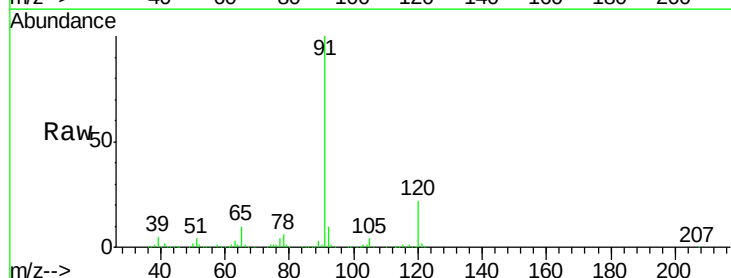
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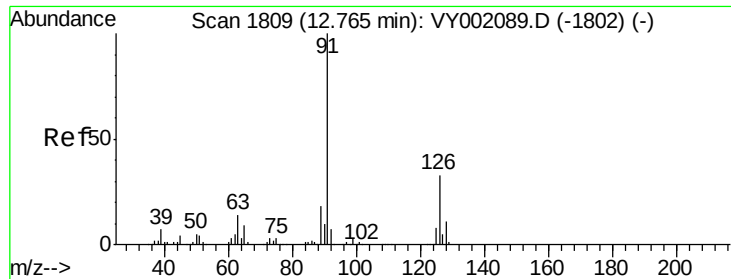
sam
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#78
n-propylbenzene
Concen: 53.028 ug/l
RT: 12.69 min Scan# 1796
Delta R.T. 0.01 min
Lab File: VY002182.D
Acq: 02 Apr 2020 11:09

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.1	11.1	33.1





#79

2-Chlorotoluene

Concen: 52.206 ug/l

RT: 12.77 min Scan# 1810

Delta R.T. 0.01 min

Lab File: VY002182.D

Acq: 02 Apr 2020 11:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 307435

Ion Ratio Lower Upper

91 100

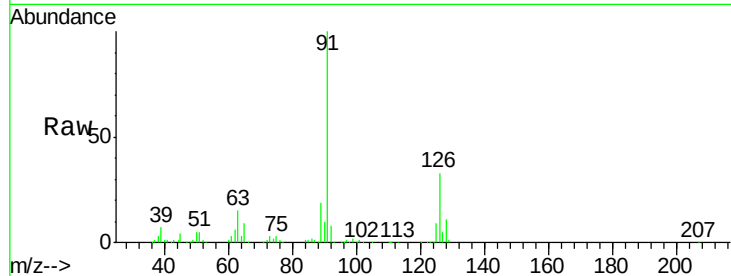
126 33.2 16.4 49.1

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VY002089.D (-1802) (-)

Ion 125.90 (125.60 to 126.60): VY002089.D (-1802) (-)

400000

300000

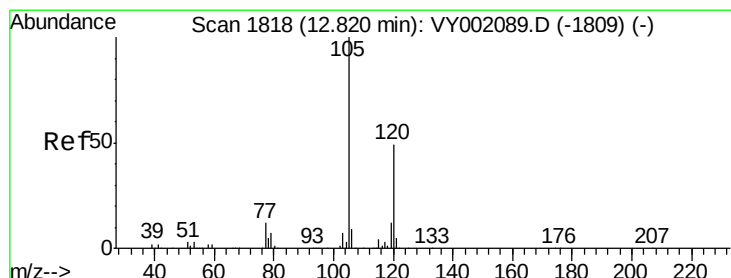
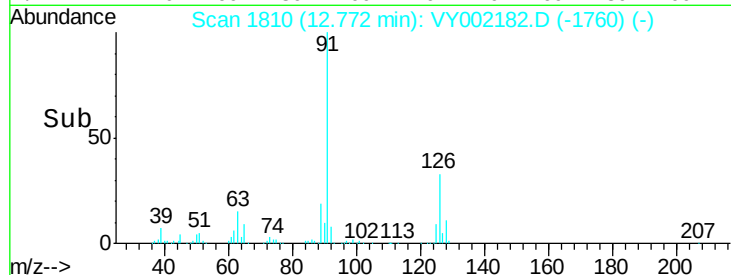
200000

100000

0

12.70 12.75 12.80

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 53.415 ug/l

RT: 12.83 min Scan# 1819

Delta R.T. 0.01 min

Lab File: VY002182.D

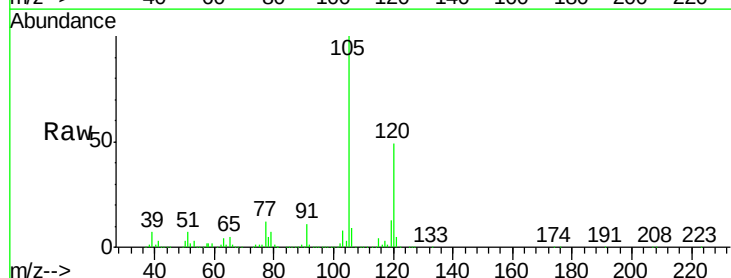
Acq: 02 Apr 2020 11:09

Tgt Ion: 105 Resp: 380877

Ion Ratio Lower Upper

105 100

120 47.9 24.1 72.4



Abundance Ion 105.00 (104.70 to 105.70): VY002089.D (-1809) (-)

Ion 120.00 (119.70 to 120.70): VY002089.D (-1809) (-)

300000

250000

200000

150000

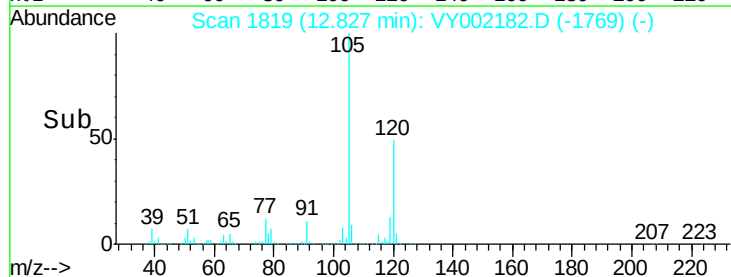
100000

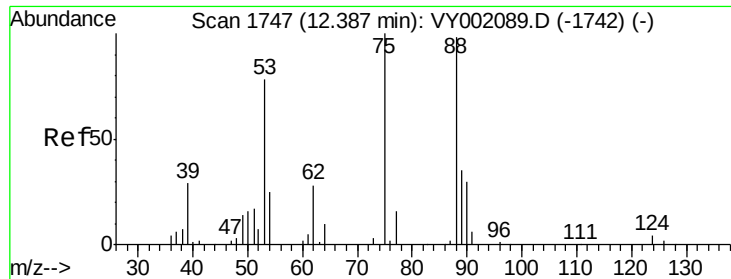
50000

0

12.80 12.83 12.86

Time-->





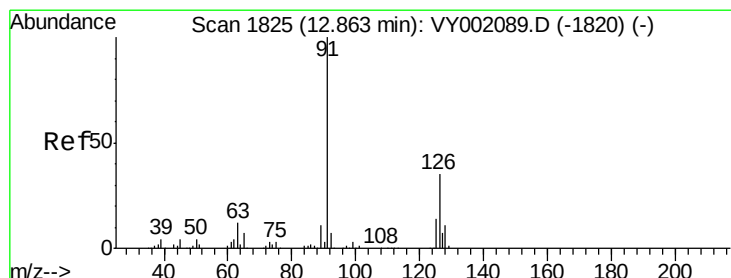
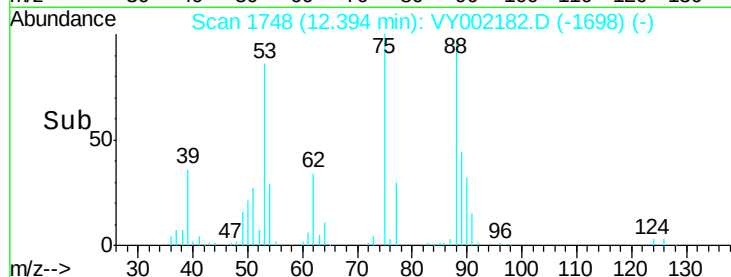
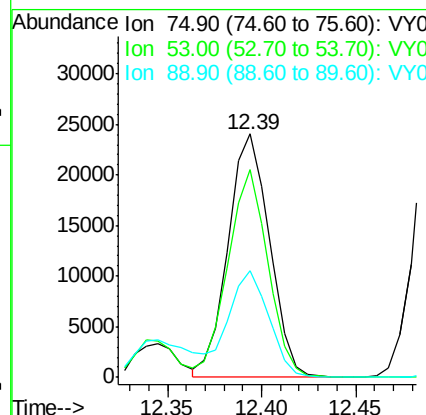
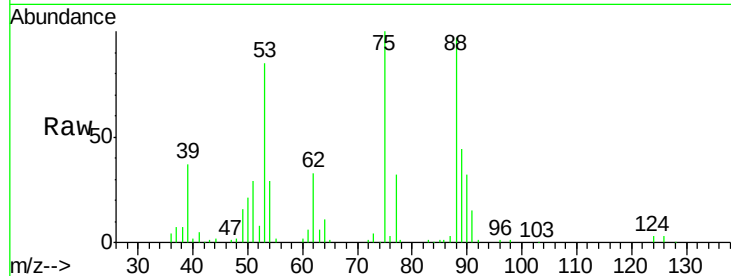
#81
trans-1,4-Dichloro-2-butene
Concen: 54.529 ug/l
RT: 12.39 min Scan# 1748
Delta R.T. 0.01 min
Lab File: VY002182.D
Acq: 02 Apr 2020 11:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	82.8	65.0	97.4
89	42.7	33.4	50.0

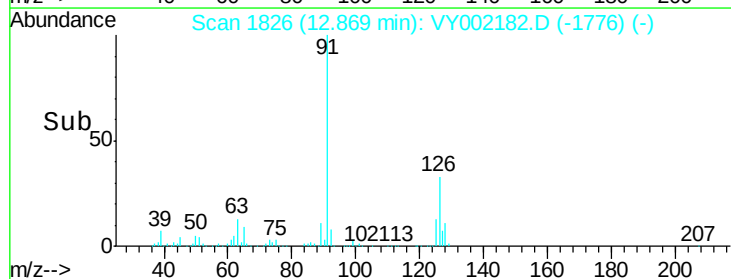
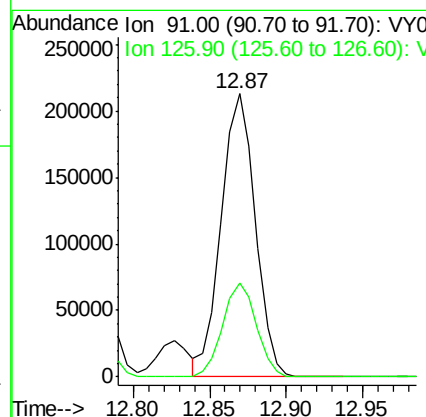
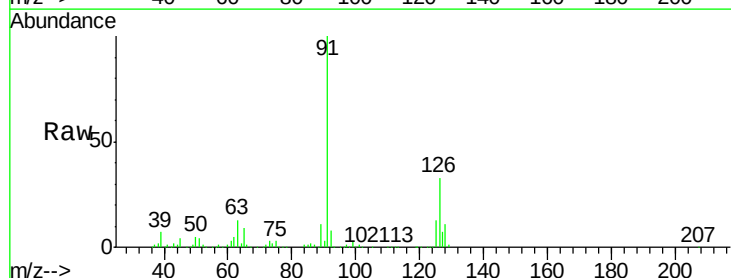
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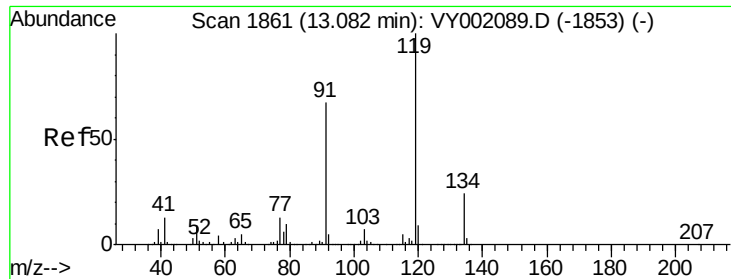
sam
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#82
4-Chlorotoluene
Concen: 52.853 ug/l
RT: 12.87 min Scan# 1826
Delta R.T. 0.01 min
Lab File: VY002182.D
Acq: 02 Apr 2020 11:09

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.1	16.3	48.9





#83

tert-Butylbenzene

Concen: 52.799 ug/l

RT: 13.09 min Scan# 1862

Delta R.T. 0.01 min

Lab File: VY002182.D

Acq: 02 Apr 2020 11:09

Instrument :

MSVOA_Y

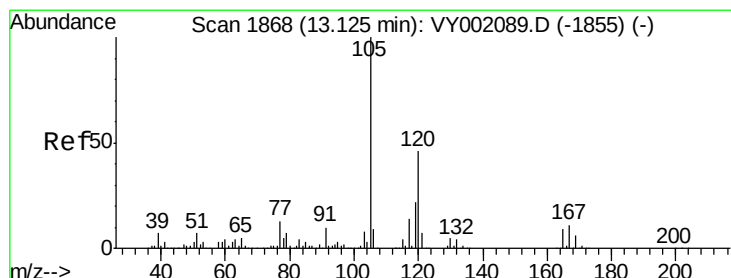
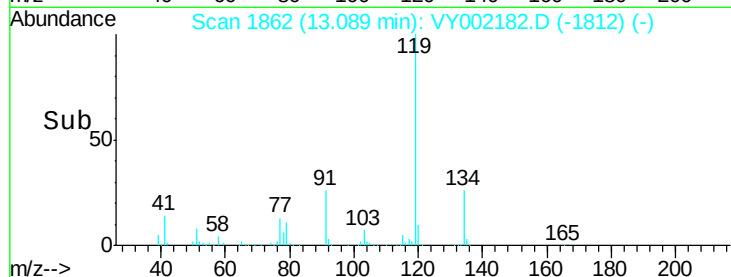
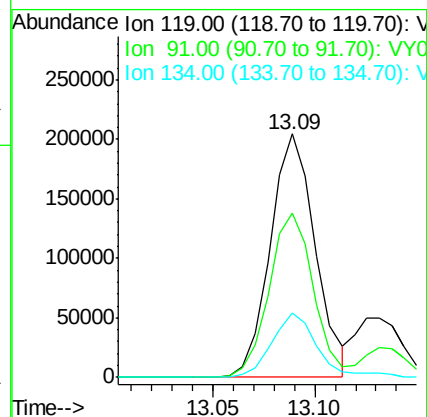
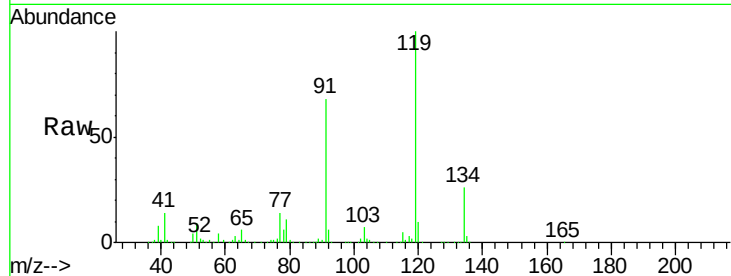
ClientSampleId :

VSTDCCC050

Tot Ion:	119	Resp:	314260
Ion Ratio	Lower	Upper	
119	100		
91	66.4	32.9	98.6
134	26.7	13.0	38.9

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 53.304 ug/l

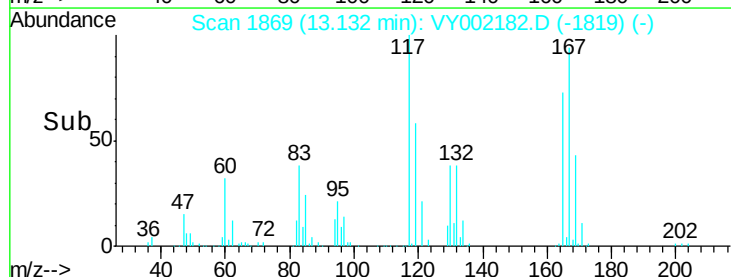
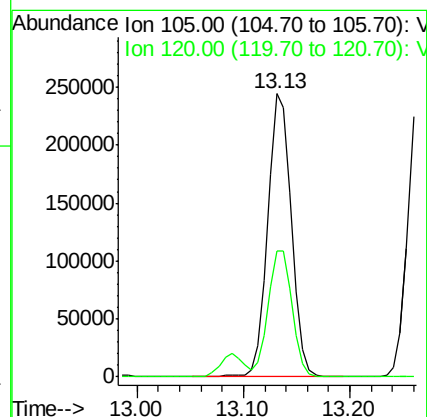
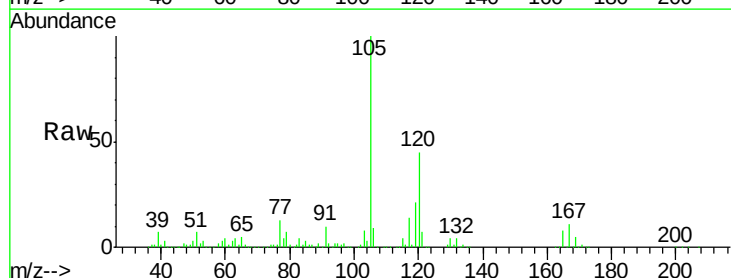
RT: 13.13 min Scan# 1869

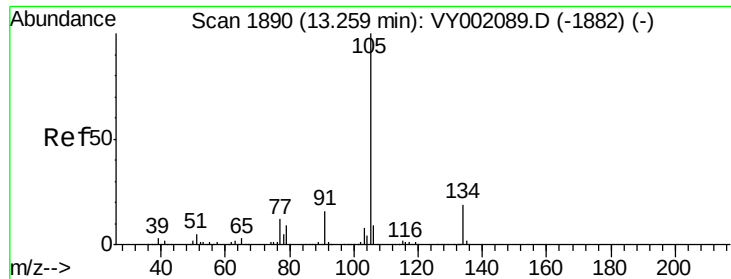
Delta R.T. 0.01 min

Lab File: VY002182.D

Acq: 02 Apr 2020 11:09

Tgt Ion:	105	Resp:	379224
Ion Ratio	Lower	Upper	
105	100		
120	45.5	22.9	68.5





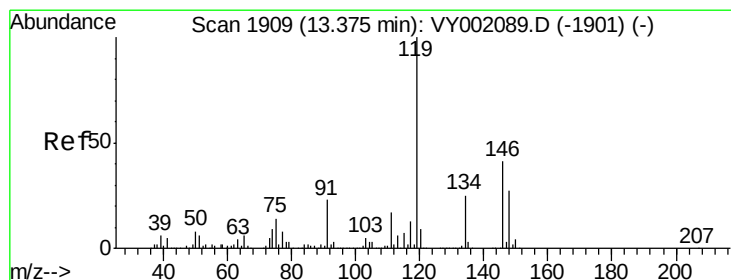
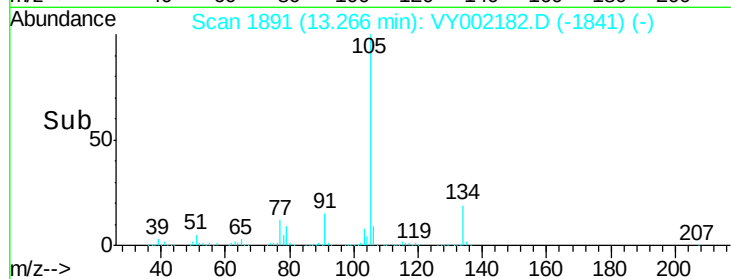
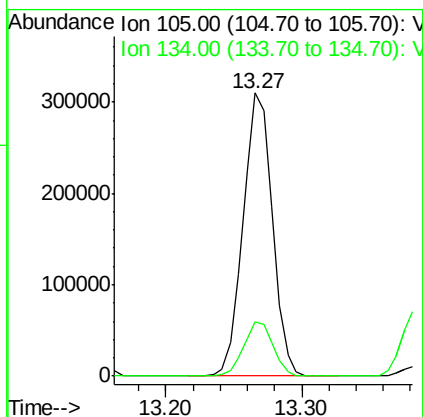
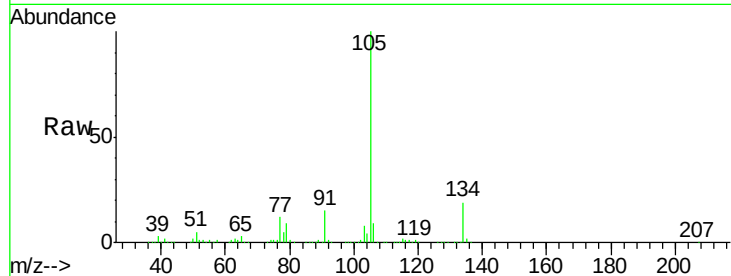
#85
 sec-Butylbenzene
 Concen: 52.917 ug/l
 RT: 13.27 min Scan# 1891
 Delta R.T. 0.01 min
 Lab File: VY002182.D
 Acq: 02 Apr 2020 11:09

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.3	9.7	29.1

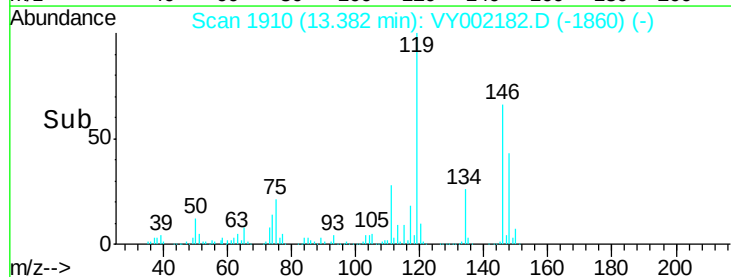
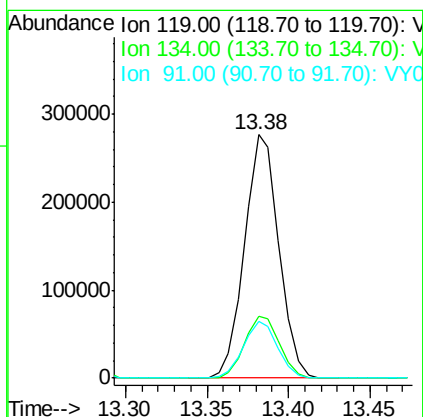
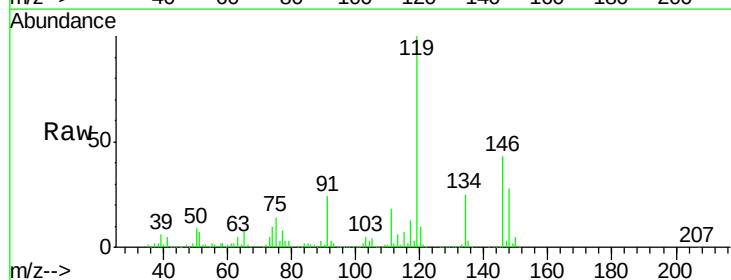
Manual Integrations
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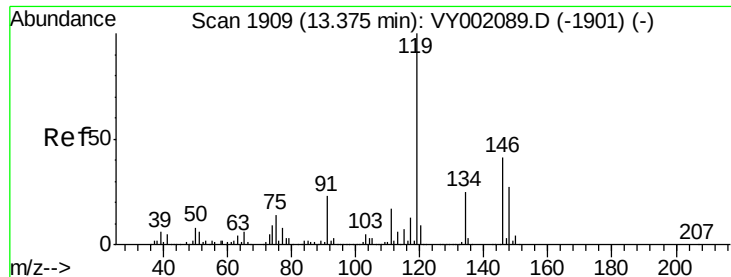
sam
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#86
 p-Isopropyltoluene
 Concen: 53.387 ug/l
 RT: 13.38 min Scan# 1910
 Delta R.T. 0.01 min
 Lab File: VY002182.D
 Acq: 02 Apr 2020 11:09

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.0	13.1	39.3
91	23.4	11.8	35.3





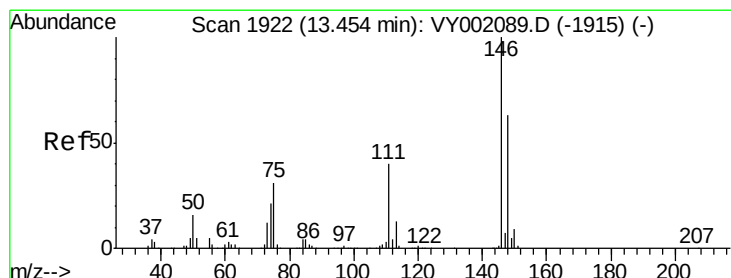
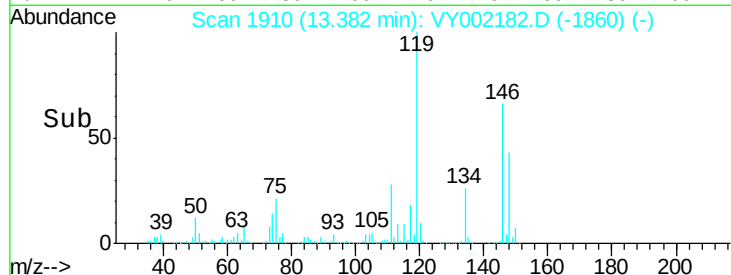
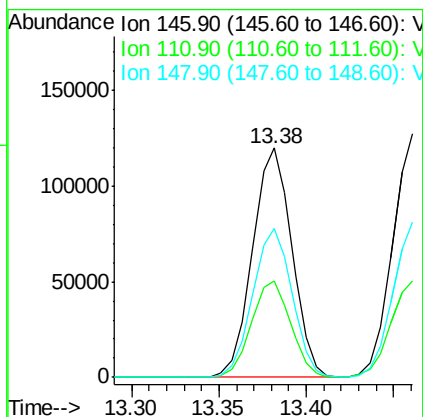
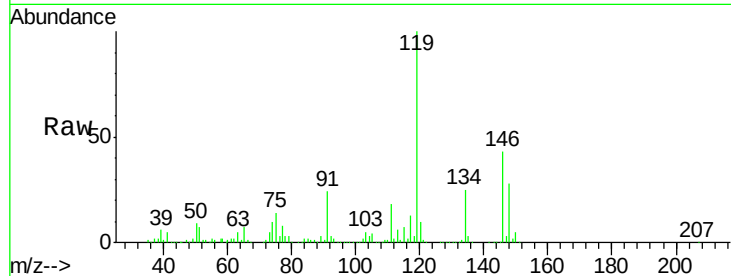
#87
 1,3-Dichlorobenzene
 Concen: 51.960 ug/l
 RT: 13.38 min Scan# 1910
 Delta R.T. 0.01 min
 Lab File: VY002182.D
 Acq: 02 Apr 2020 11:09

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.0	20.9	62.8
148	64.7	32.1	96.5

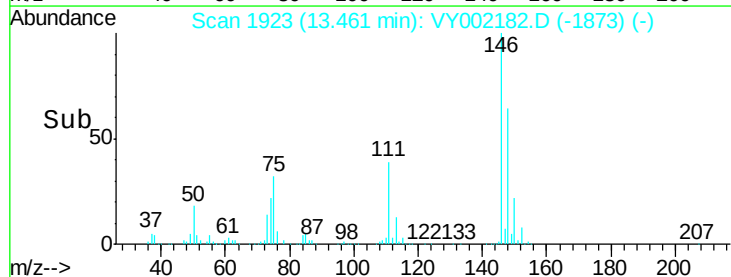
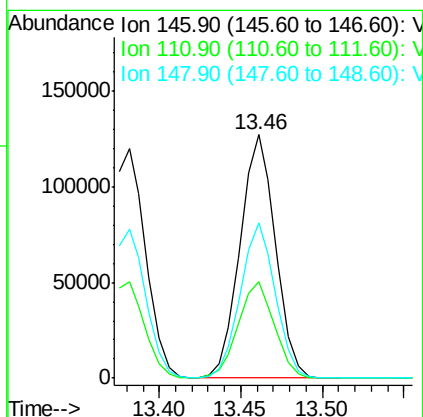
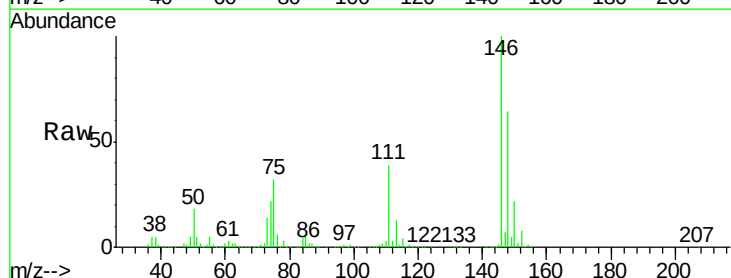
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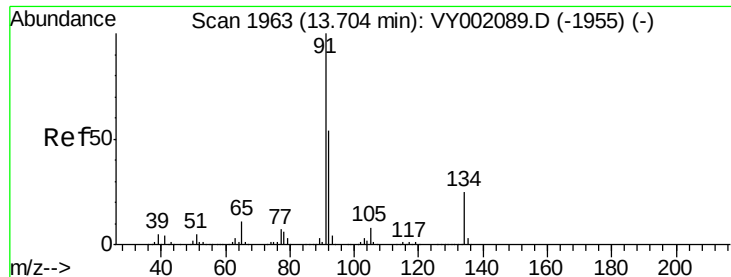
sam
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#88
 1,4-Dichlorobenzene
 Concen: 52.805 ug/l
 RT: 13.46 min Scan# 1923
 Delta R.T. 0.01 min
 Lab File: VY002182.D
 Acq: 02 Apr 2020 11:09

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.3	20.3	60.9
148	63.3	31.5	94.5





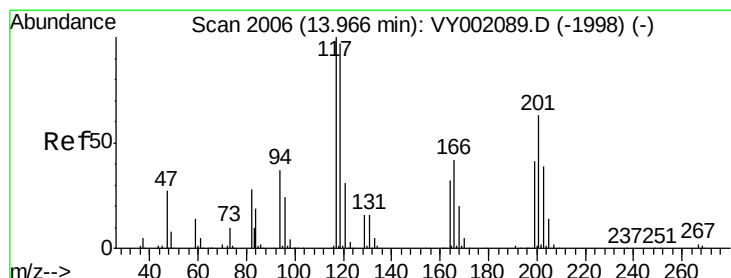
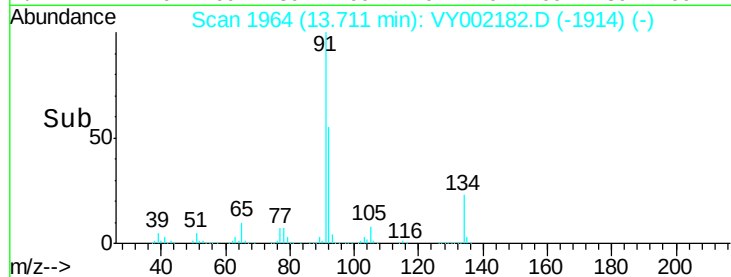
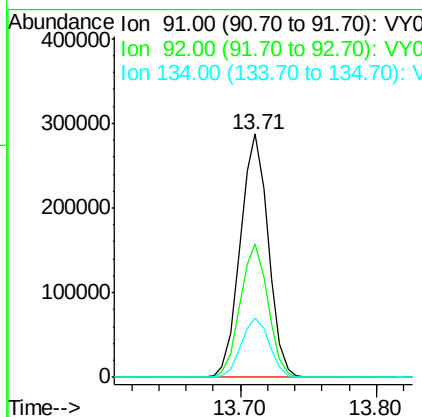
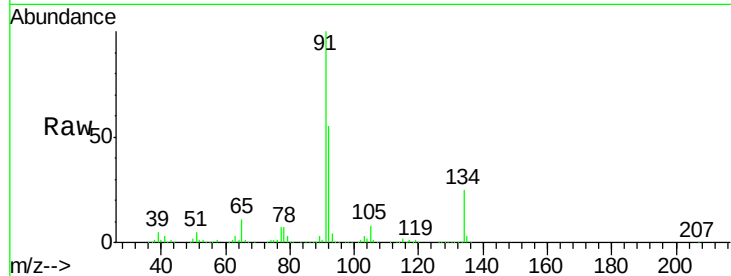
#89
 n-Butylbenzene
 Concen: 52.184 ug/l
 RT: 13.71 min Scan# 1964
 Delta R.T. 0.01 min
 Lab File: VY002182.D
 Acq: 02 Apr 2020 11:09

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion:	91	Resp:	411623
Ion	Ratio	Lower	Upper
91	100		
92	54.4	27.0	81.0
134	24.7	12.3	36.8

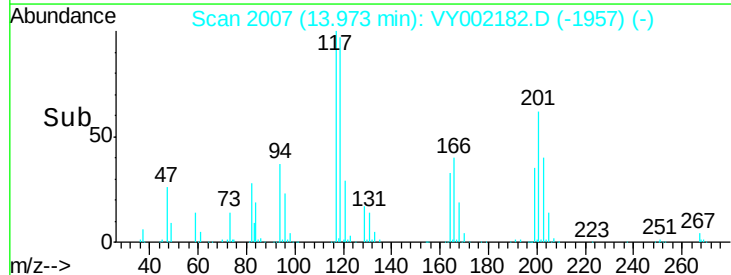
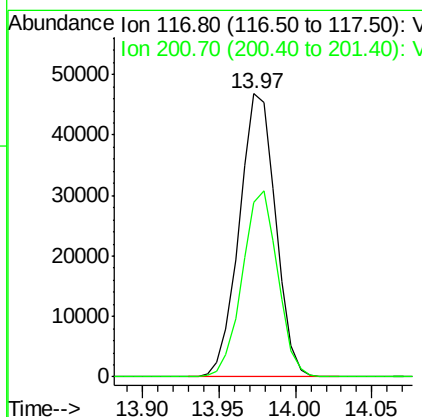
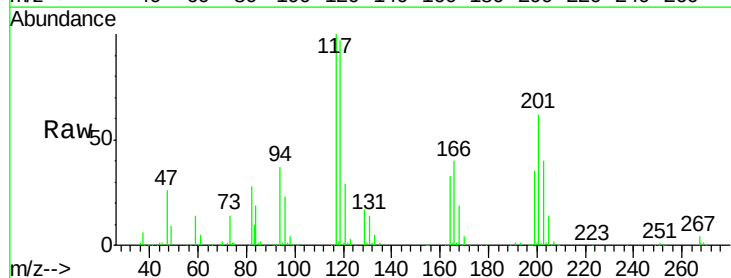
Manual Integrations
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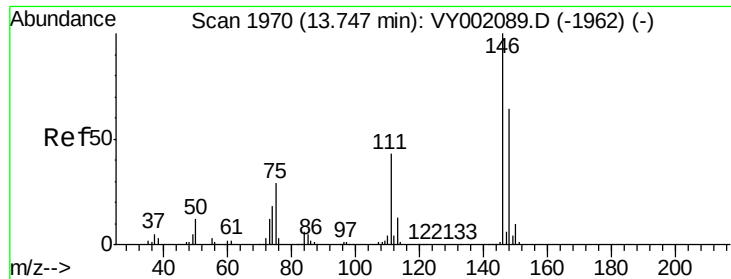
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#90
 Hexachloroethane
 Concen: 54.165 ug/l
 RT: 13.97 min Scan# 2007
 Delta R.T. 0.01 min
 Lab File: VY002182.D
 Acq: 02 Apr 2020 11:09

Tgt Ion:	117	Resp:	77269
Ion	Ratio	Lower	Upper
117	100		
201	64.0	31.6	94.8





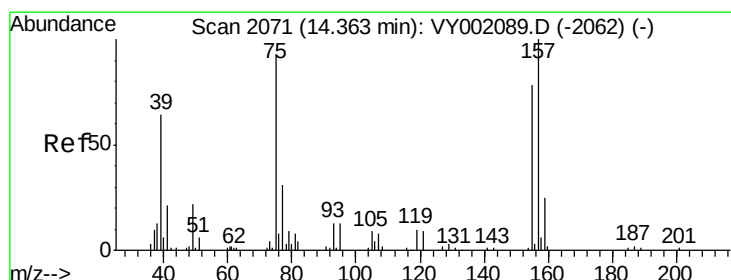
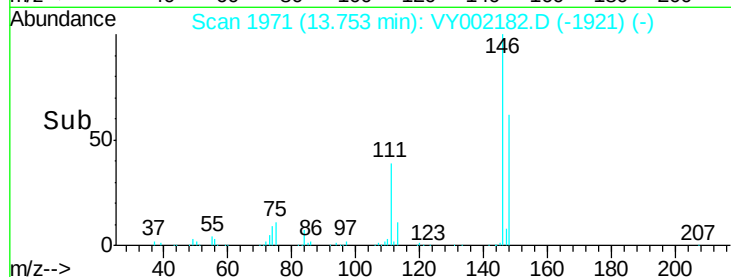
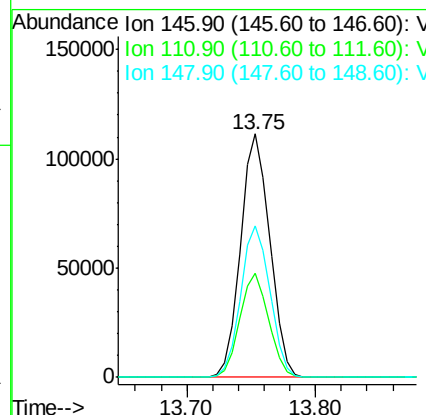
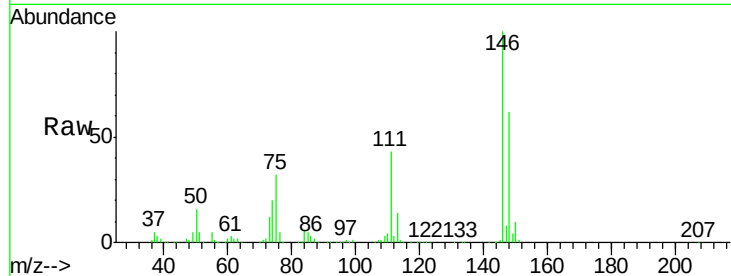
#91
 1,2-Dichlorobenzene
 Concen: 52.446 ug/l
 RT: 13.75 min Scan# 1971
 Delta R.T. 0.01 min
 Lab File: VY002182.D
 Acq: 02 Apr 2020 11:09

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.2	21.3	63.7
148	62.3	31.8	95.4

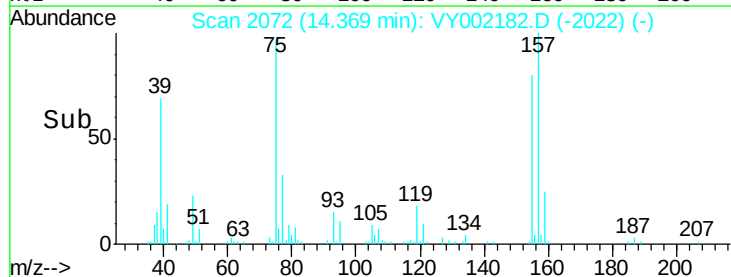
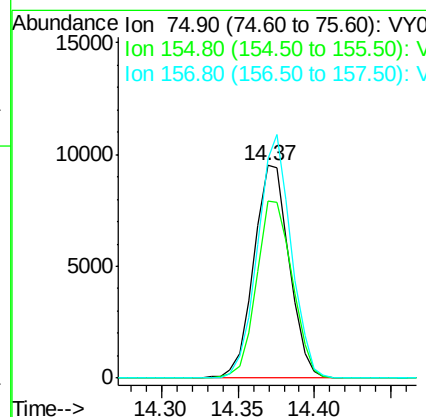
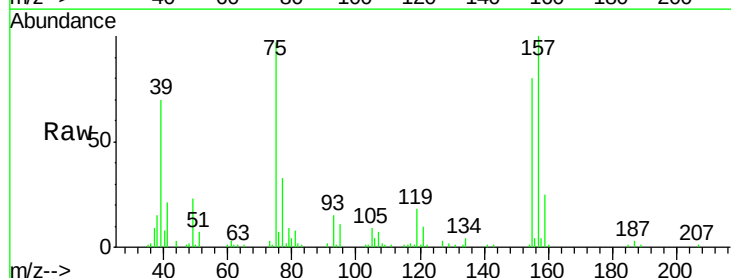
Manual Integrations
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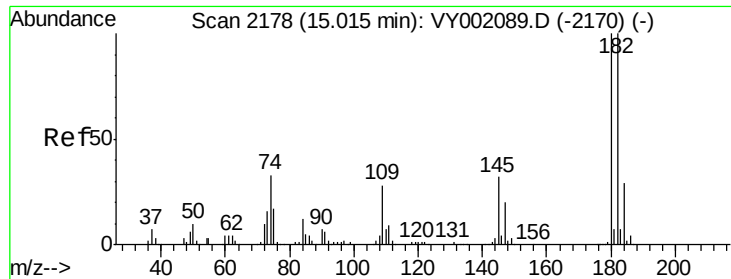
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.466 ug/l
 RT: 14.37 min Scan# 2072
 Delta R.T. 0.01 min
 Lab File: VY002182.D
 Acq: 02 Apr 2020 11:09

Tgt Ion	Ratio	Lower	Upper
75	100		
155	84.0	41.6	124.9
157	108.4	53.4	160.3





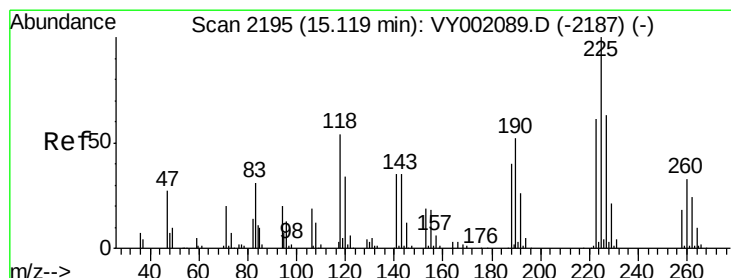
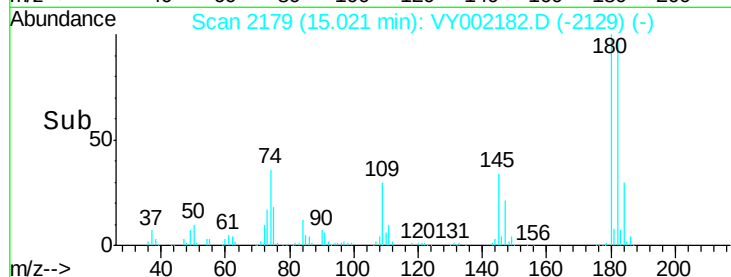
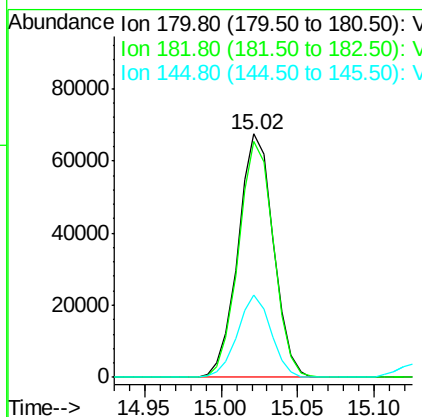
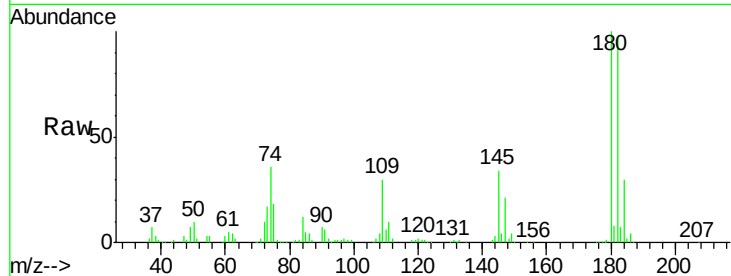
#93
 1,2,4-Trichlorobenzene
 Concen: 50.229 ug/l
 RT: 15.02 min Scan# 2179
 Delta R.T. 0.01 min
 Lab File: VY002182.D
 Acq: 02 Apr 2020 11:09

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	107909		
182	96.0	48.1	144.3	
145	32.4	15.9	47.6	

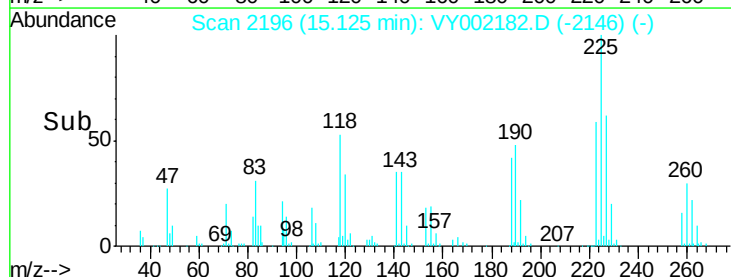
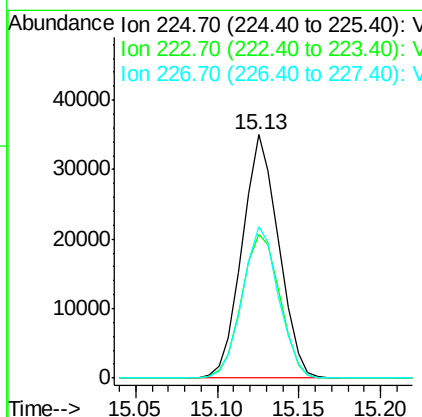
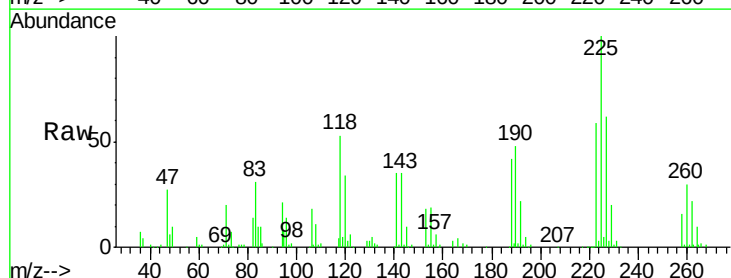
Manual Integrations
 APPROVED

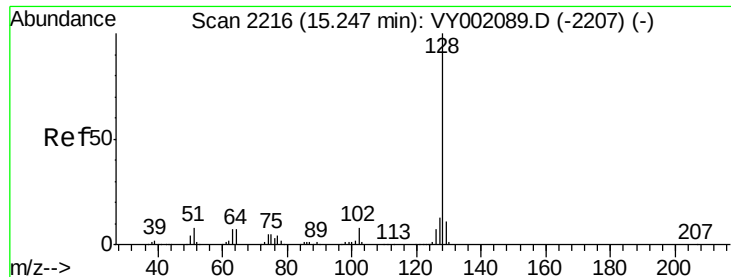
sam
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#94
 Hexachlorobutadiene
 Concen: 51.535 ug/l
 RT: 15.13 min Scan# 2196
 Delta R.T. 0.01 min
 Lab File: VY002182.D
 Acq: 02 Apr 2020 11:09

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	54651		
223	61.9	31.1	93.3	
227	61.7	31.6	94.7	





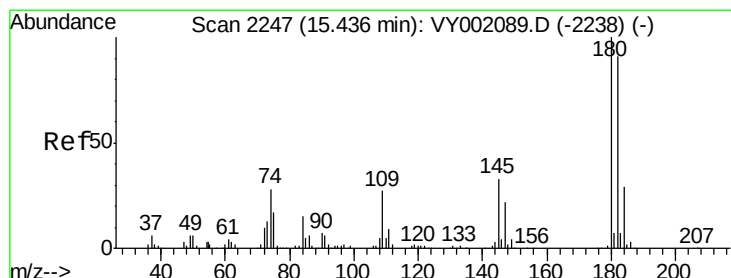
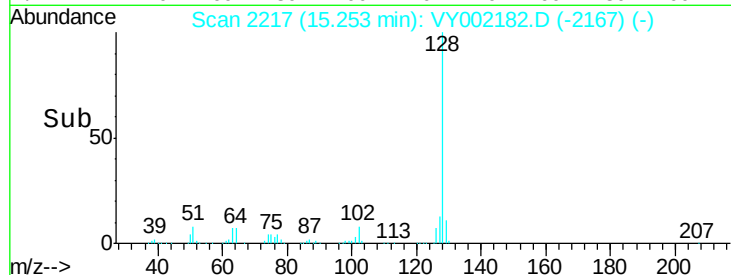
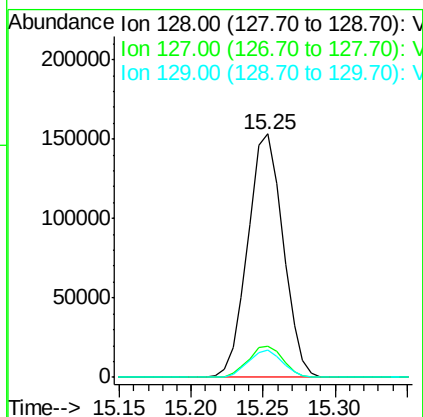
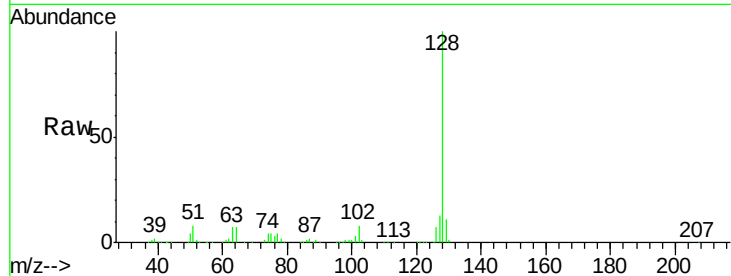
#95
Naphthalene
Concen: 50.929 ug/l
RT: 15.25 min Scan# 2217
Delta R.T. 0.01 min
Lab File: VY002182.D
Acq: 02 Apr 2020 11:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
128	100	259874		
127	12.8		9.8	14.8
129	11.0		8.6	13.0

Manual Integrations
APPROVED

sam
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#96
1,2,3-Trichlorobenzene
Concen: 48.951 ug/l
RT: 15.44 min Scan# 2248
Delta R.T. 0.01 min
Lab File: VY002182.D
Acq: 02 Apr 2020 11:09

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	95365		
182	96.4		46.8	140.3
145	34.2		16.7	50.1

