

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY032720\
 Data File : VY002120.D
 Acq On : 27 Mar 2020 20:43
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
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Quant Time: Mar 30 05:30:21 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	7.80	168	144704	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	269058	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	250317	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	115197	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.16	65	82530	51.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.18%	
35) Dibromofluoromethane	7.74	113	75491	50.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.14%	
50) Toluene-d8	10.19	98	313658	50.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.16%	
62) 4-Bromofluorobenzene	12.49	95	111240	50.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	42318	44.711	ug/l	97
3) Chloromethane	2.12	50	74818	44.243	ug/l	100
4) Vinyl Chloride	2.26	62	77965	45.332	ug/l	98
5) Bromomethane	2.66	94	56965	50.753	ug/l	99
6) Chloroethane	2.81	64	54138	49.023	ug/l	98
7) Trichlorofluoromethane	3.14	101	110253	46.780	ug/l	98
8) Diethyl Ether	3.55	74	48453	48.538	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.92	101	71581	46.292	ug/l	99
10) Methyl Iodide	4.11	142	80390	43.721	ug/l	98
11) Tert butyl alcohol	4.98	59	43724	231.944	ug/l	97
12) 1,1-Dichloroethene	3.90	96	74256	47.292	ug/l	92
13) Acrolein	3.75	56	60640	257.375	ug/l	99
14) Allyl chloride	4.50	41	142161	49.457	ug/l	98
15) Acrylonitrile	5.19	53	127694	244.056	ug/l	98
16) Acetone	3.97	43	88924	197.862	ug/l	98
17) Carbon Disulfide	4.21	76	245969	47.203	ug/l	100
18) Methyl Acetate	4.50	43	56088	48.060	ug/l	99
19) Methyl tert-butyl Ether	5.25	73	216980	49.536	ug/l	97
20) Methylene Chloride	4.74	84	91250	48.931	ug/l	98
21) trans-1,2-Dichloroethene	5.25	96	87279	48.820	ug/l	99
22) Diisopropyl ether	6.14	45	308138	52.382	ug/l	95
23) Vinyl Acetate	6.08	43	992910	257.407	ug/l	98
24) 1,1-Dichloroethane	6.05	63	157546	50.372	ug/l	99
25) 2-Butanone	7.00	43	158134	229.149	ug/l	99
26) 2,2-Dichloropropane	7.00	77	121055	46.995	ug/l	100
27) cis-1,2-Dichloroethene	7.00	96	99147	50.410	ug/l	99
28) Bromochloromethane	7.35	49	77956	54.595	ug/l	98
29) Tetrahydrofuran	7.36	42	111043	245.426	ug/l	99
30) Chloroform	7.52	83	149972	50.588	ug/l	97
31) Cyclohexane	7.80	56	155161	46.557	ug/l	97
32) 1,1,1-Trichloroethane	7.72	97	124057	50.120	ug/l	99
36) 1,1-Dichloropropene	7.93	75	122909	48.296	ug/l	99
37) Ethyl Acetate	7.10	43	74956	48.739	ug/l	100
38) Carbon Tetrachloride	7.92	117	106103	49.141	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	160459	48.068	ug/l	99
40) Benzene	8.17	78	373543	49.552	ug/l	98
41) Methacrylonitrile	7.33	41	45879m	58.977	ug/l	
42) 1,2-Dichloroethane	8.25	62	98931	49.432	ug/l	100
43) Isopropyl Acetate	8.28	43	141913	49.717	ug/l	99
44) Trichloroethene	8.95	130	89151	49.061	ug/l	96
45) 1,2-Dichloropropane	9.22	63	97548	50.821	ug/l	96
46) Dibromomethane	9.31	93	49684	50.403	ug/l	98
47) Bromodichloromethane	9.50	83	119189	51.940	ug/l	97
48) Methyl methacrylate	9.30	41	63063	49.301	ug/l	96
49) 1,4-Dioxane	9.31	88	13206	976.288	ug/l	93
51) 4-Methyl-2-Pentanone	10.08	43	370082	251.792	ug/l	100
52) Toluene	10.25	92	228230	50.057	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	129756	50.945	ug/l	98
54) cis-1,3-Dichloropropene	9.94	75	151917	50.660	ug/l	99
55) 1,1,2-Trichloroethane	10.65	97	71975	49.334	ug/l	94
56) Ethyl methacrylate	10.52	69	108110	50.735	ug/l	99
57) 1,3-Dichloropropane	10.80	76	129850	50.375	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.79	63	274039	250.278	ug/l	100
59) 2-Hexanone	10.84	43	250637	242.080	ug/l	100
60) Dibromochloromethane	10.99	129	77448	50.731	ug/l	99
61) 1,2-Dibromoethane	11.10	107	68587	50.227	ug/l	98
64) Tetrachloroethene	10.72	164	72181	47.131	ug/l	99
65) Chlorobenzene	11.52	112	236312	48.907	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.60	131	79902	49.428	ug/l	99
67) Ethyl Benzene	11.60	91	435584	48.537	ug/l	100
68) m/p-Xylenes	11.70	106	324115	97.681	ug/l	99
69) o-Xylene	12.03	106	154639	49.130	ug/l	99
70) Styrene	12.05	104	273873	50.214	ug/l	100
71) Bromoform	12.21	173	43186	48.777	ug/l #	99
73) Isopropylbenzene	12.33	105	415330	48.603	ug/l	100
74) N-amyl acetate	12.15	43	131843	48.918	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.59	83	89002	48.401	ug/l	100
76) 1,2,3-Trichloropropane	12.64	75	61748m	47.919	ug/l	
77) Bromobenzene	12.61	156	89483	49.053	ug/l	98
78) n-propylbenzene	12.67	91	512713	48.348	ug/l	99
79) 2-Chlorotoluene	12.76	91	286123	49.141	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	346322	49.122	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	31891	47.947	ug/l	98
82) 4-Chlorotoluene	12.86	91	300051	48.903	ug/l	98
83) tert-Butylbenzene	13.08	119	294951	50.120	ug/l	100
84) 1,2,4-Trimethylbenzene	13.13	105	347937	49.463	ug/l	98
85) sec-Butylbenzene	13.26	105	423871	48.628	ug/l	100
86) p-Isopropyltoluene	13.38	119	367947	49.156	ug/l	99
87) 1,3-Dichlorobenzene	13.37	146	175195	49.093	ug/l	98
88) 1,4-Dichlorobenzene	13.45	146	174094	48.479	ug/l	99
89) n-Butylbenzene	13.70	91	376578	48.285	ug/l	99
90) Hexachloroethane	13.97	117	70537	50.010	ug/l	98
91) 1,2-Dichlorobenzene	13.75	146	160935	48.834	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	14059	47.730	ug/l	95

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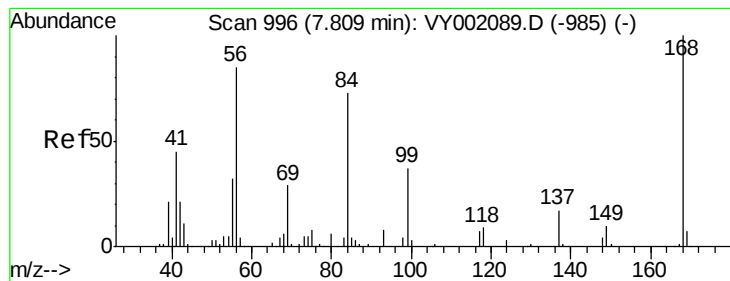
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	100582	47.351	ug/l	98
94) Hexachlorobutadiene	15.12	225	48743	46.487	ug/l	99
95) Naphthalene	15.24	128	241792	47.925	ug/l	100
96) 1,2,3-Trichlorobenzene	15.43	180	90044	46.746	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.01 min

Lab File: VY002120.D

Acq: 27 Mar 2020 20:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 144704

Ion Ratio Lower Upper

168 100

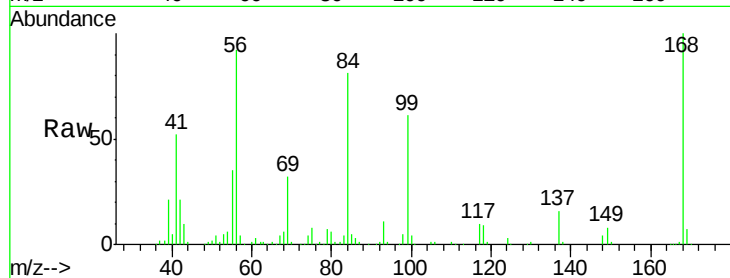
99 60.7 47.6 71.4

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Abundance Ion 167.90 (167.60 to 168.60): VY002120.D (-947) (-)

Ion 98.90 (98.60 to 99.60): VY002120.D (-947) (-)

7.80

60000

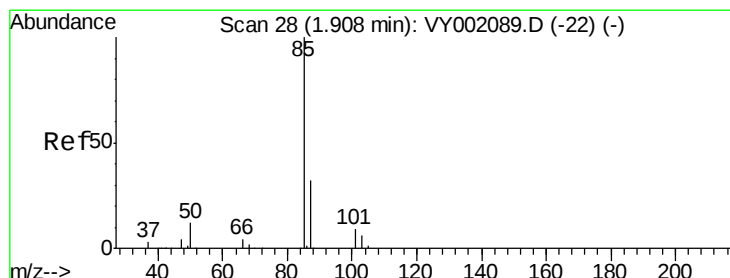
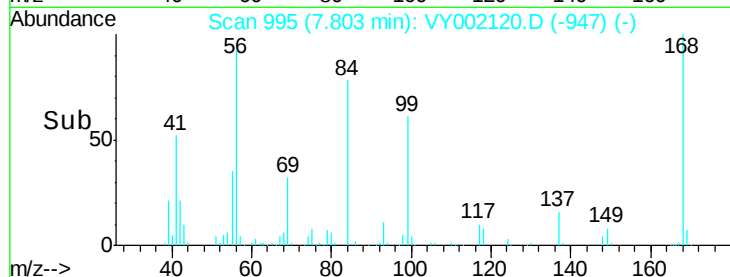
40000

20000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 44.711 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.00 min

Lab File: VY002120.D

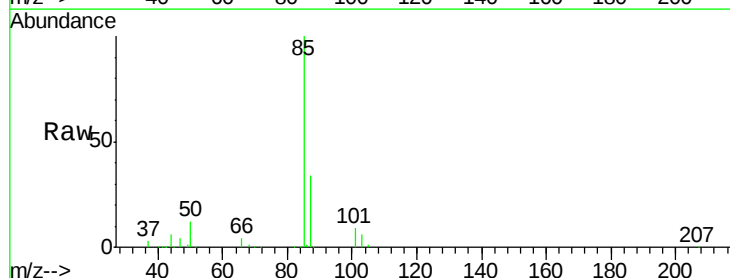
Acq: 27 Mar 2020 20:43

Tgt Ion: 85 Resp: 42318

Ion Ratio Lower Upper

85 100

87 33.6 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VY002120.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY002120.D (-1) (-)

1.91

30000

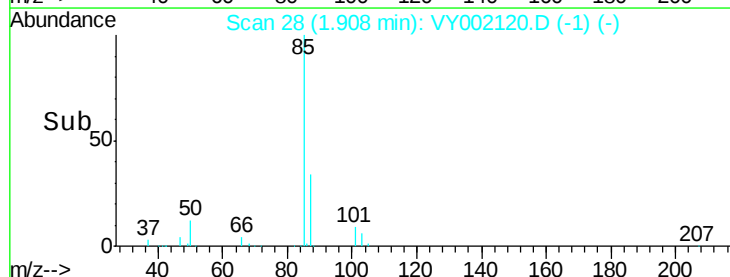
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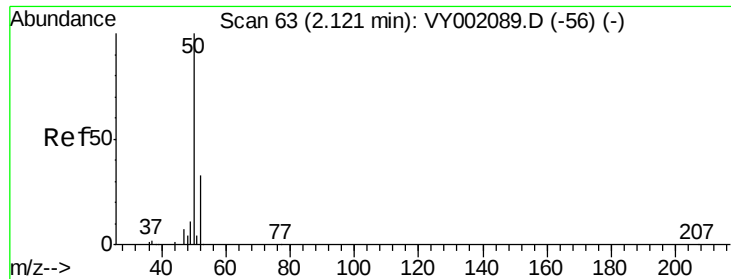
10000

0

1.90 2.00

Time-->





#3

Chloromethane

Concen: 44.243 ug/l

RT: 2.12 min Scan# 63

Delta R.T. 0.00 min

Lab File: VY002120.D

Acq: 27 Mar 2020 20:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 74818

Ion Ratio Lower Upper

50 100

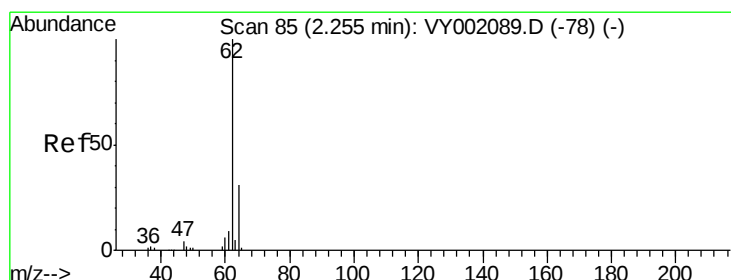
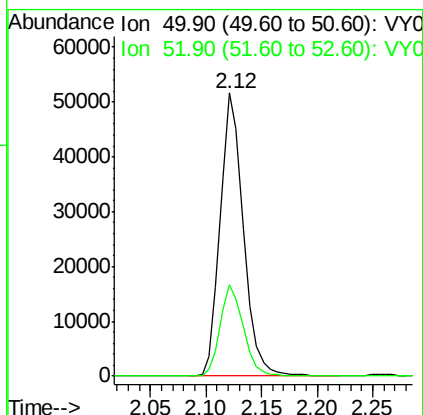
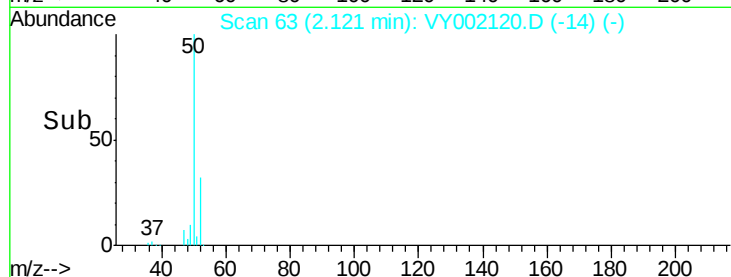
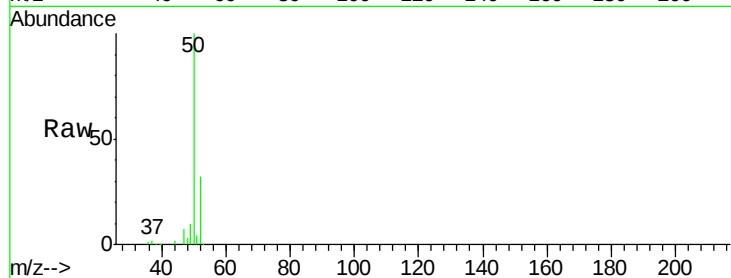
52 32.4 26.1 39.1

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#4

Vinyl Chloride

Concen: 45.332 ug/l

RT: 2.26 min Scan# 86

Delta R.T. 0.01 min

Lab File: VY002120.D

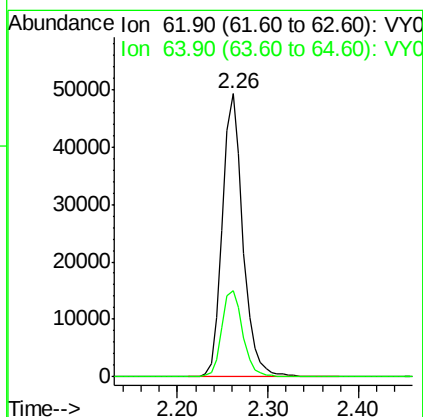
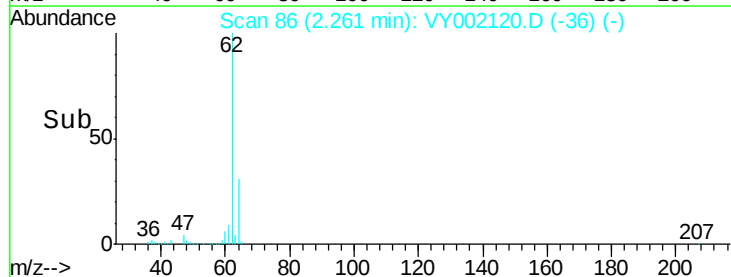
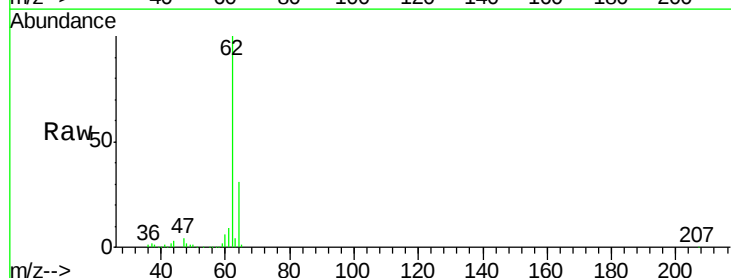
Acq: 27 Mar 2020 20:43

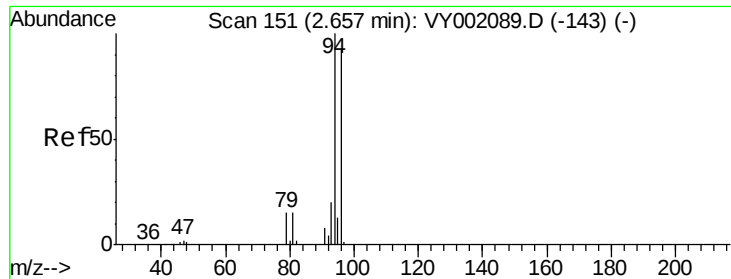
Tgt Ion: 62 Resp: 77965

Ion Ratio Lower Upper

62 100

64 30.7 25.2 37.8





#5

Bromomethane

Concen: 50.753 ug/l

RT: 2.66 min Scan# 151

Delta R.T. 0.00 min

Lab File: VY002120.D

Acq: 27 Mar 2020 20:43

Instrument :

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ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 56965

Ion Ratio Lower Upper

94 100

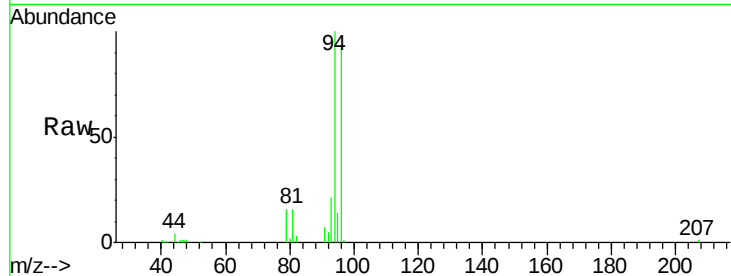
96 93.4 74.1 111.1

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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0

2.66

25000

20000

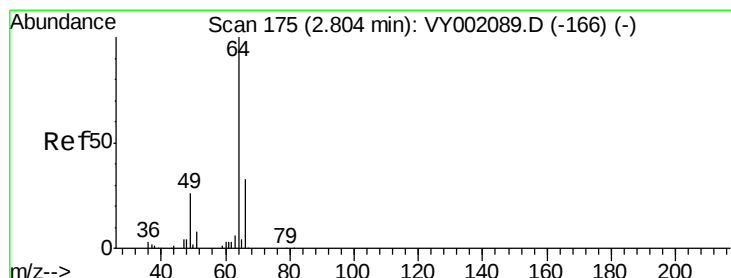
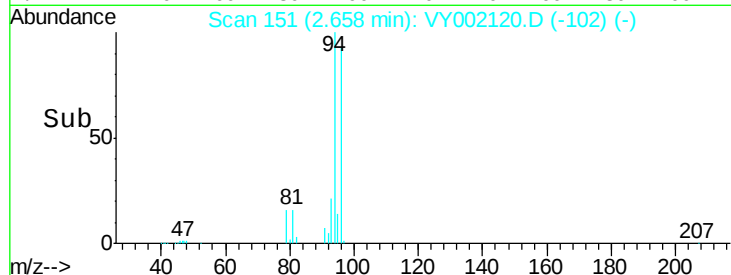
15000

10000

5000

0

Time-->



#6

Chloroethane

Concen: 49.023 ug/l

RT: 2.81 min Scan# 176

Delta R.T. 0.01 min

Lab File: VY002120.D

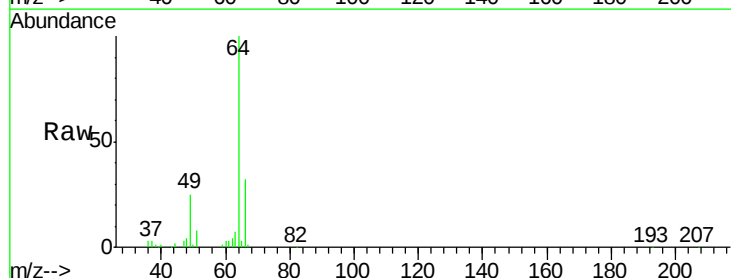
Acq: 27 Mar 2020 20:43

Tgt Ion: 64 Resp: 54138

Ion Ratio Lower Upper

64 100

66 32.2 26.6 39.8



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0

2.81

30000

25000

20000

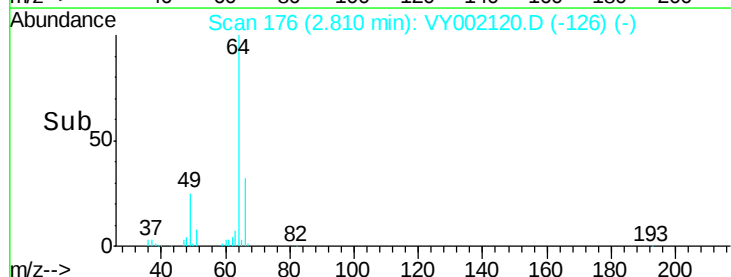
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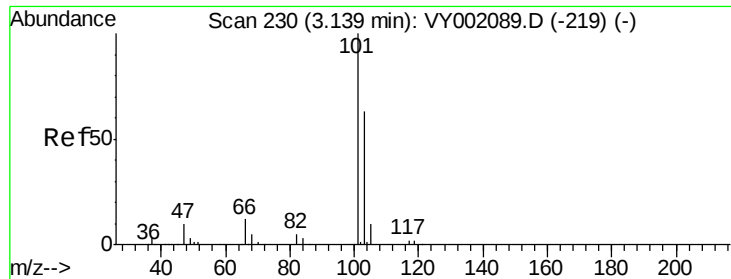
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5000

0

Time-->





#7

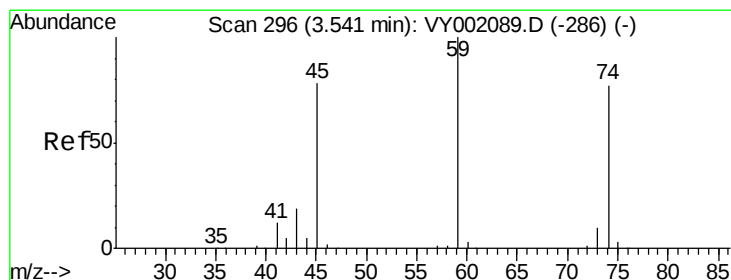
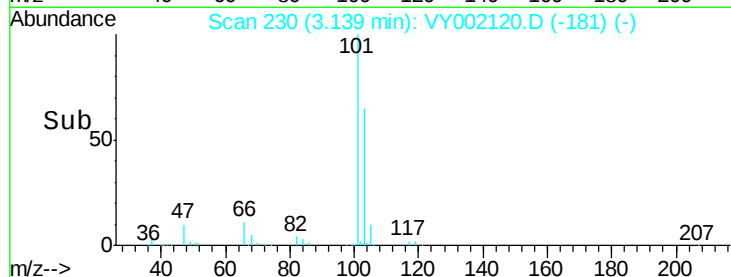
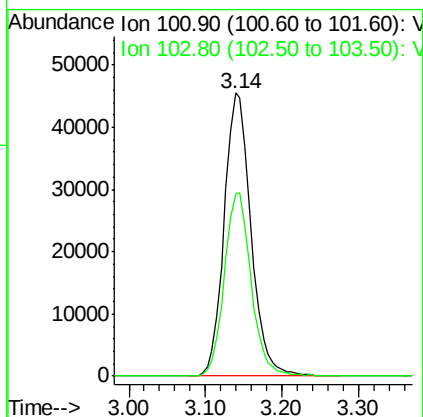
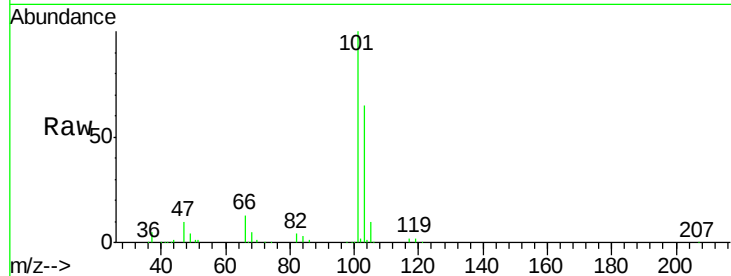
Trichlorofluoromethane
Concen: 46.780 ug/l
RT: 3.14 min Scan# 230
Delta R.T. 0.00 min
Lab File: VY002120.D
Acq: 27 Mar 2020 20:43

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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.6	50.6	76.0

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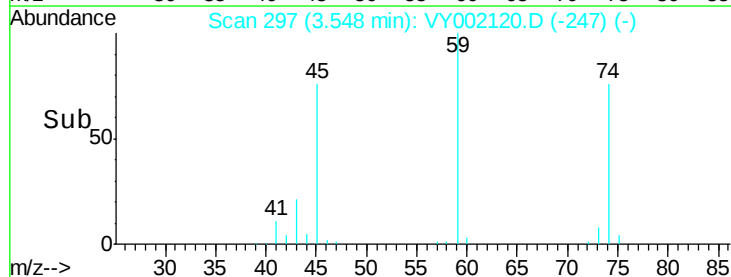
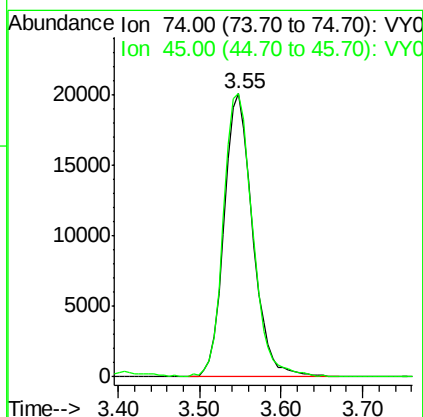
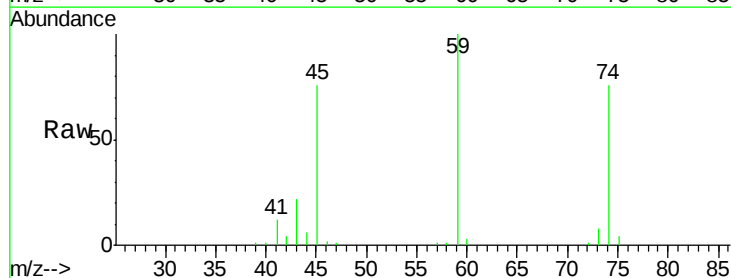
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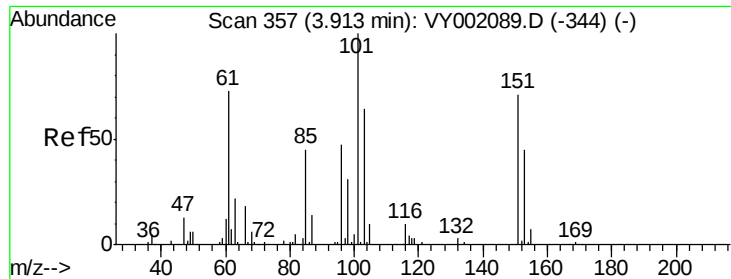


#8

Diethyl Ether
Concen: 48.538 ug/l
RT: 3.55 min Scan# 297
Delta R.T. 0.01 min
Lab File: VY002120.D
Acq: 27 Mar 2020 20:43

Tgt Ion	Ratio	Lower	Upper
74	100		
45	102.6	51.0	153.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.292 ug/l

RT: 3.92 min Scan# 358

Delta R.T. 0.01 min

Lab File: VY002120.D

Acq: 27 Mar 2020 20:43

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MSVOA_Y

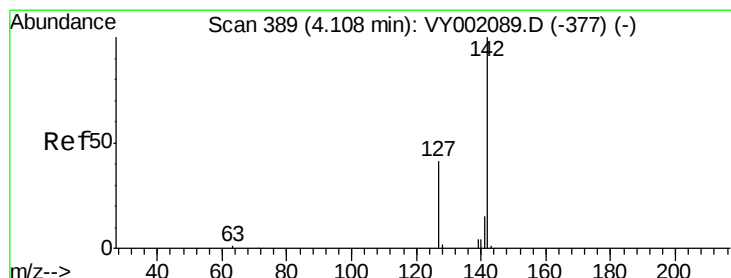
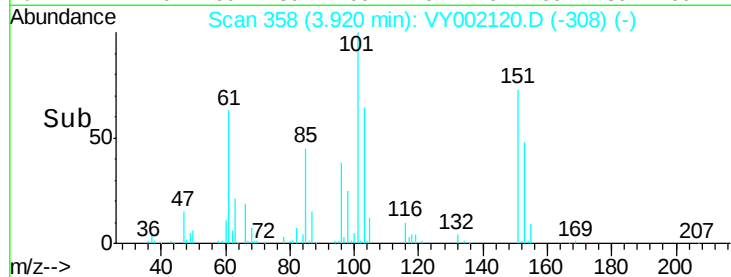
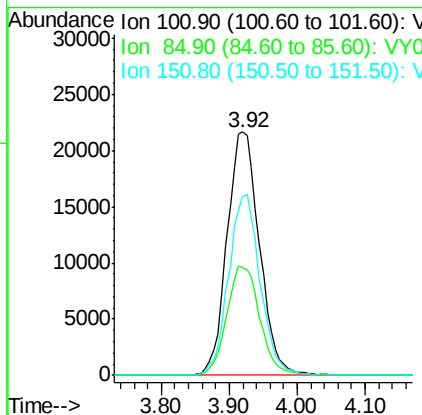
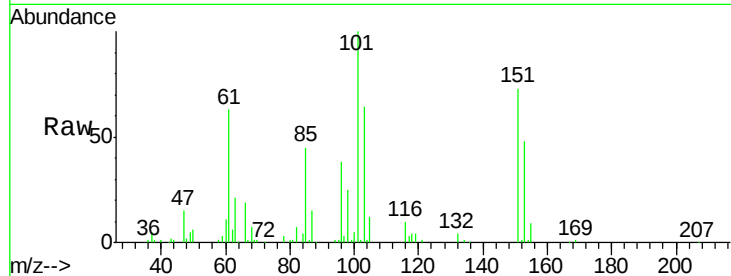
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	71581
Ion Ratio	Lower	Upper	
101	100		
85	45.7	35.9	53.9
151	72.4	57.5	86.3

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#10

Methyl Iodide

Concen: 43.721 ug/l

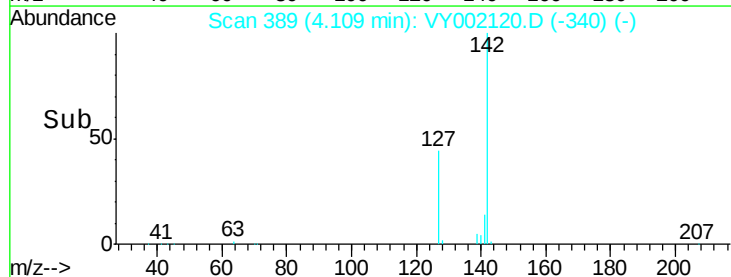
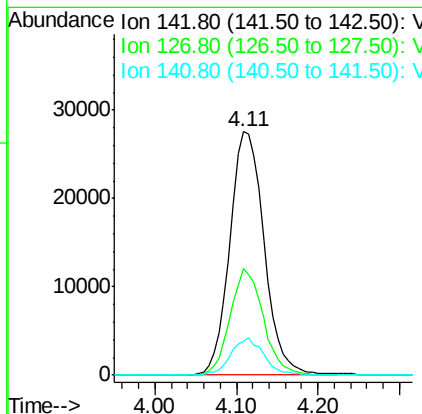
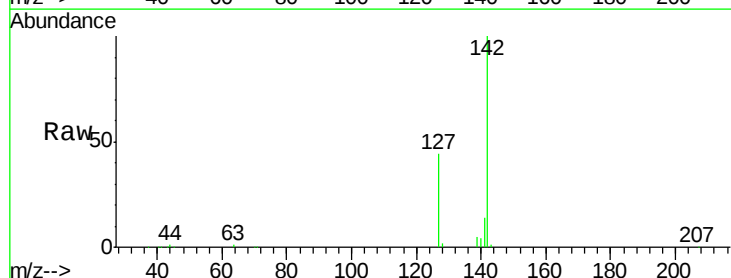
RT: 4.11 min Scan# 389

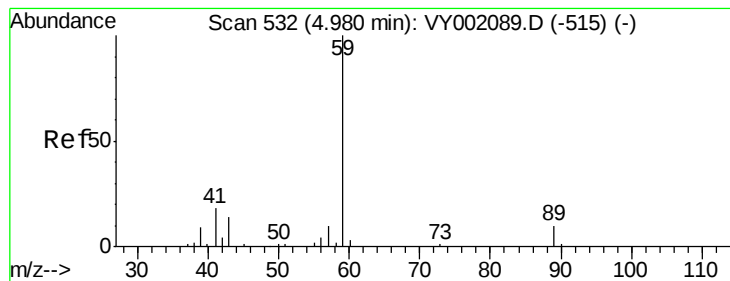
Delta R.T. 0.00 min

Lab File: VY002120.D

Acq: 27 Mar 2020 20:43

Tgt Ion:	142	Resp:	80390
Ion Ratio	Lower	Upper	
142	100		
127	42.1	32.6	49.0
141	14.5	11.4	17.0





#11

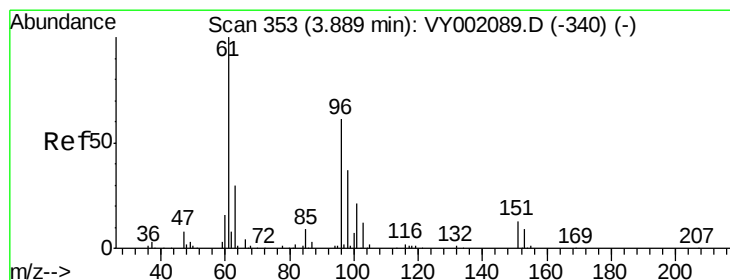
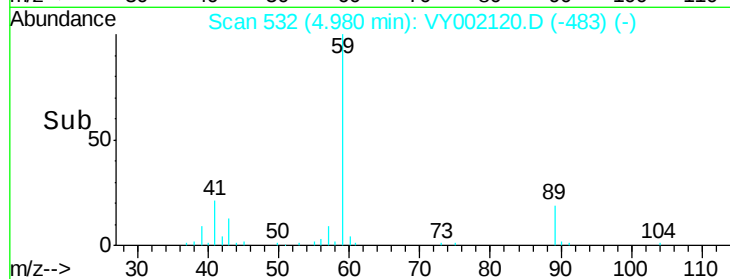
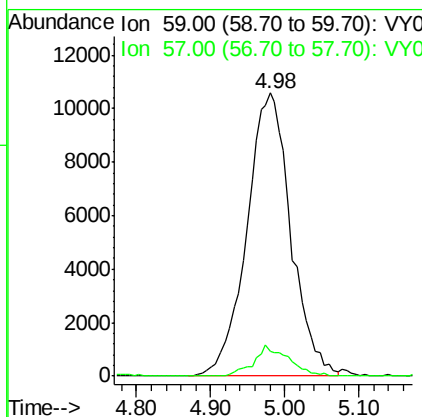
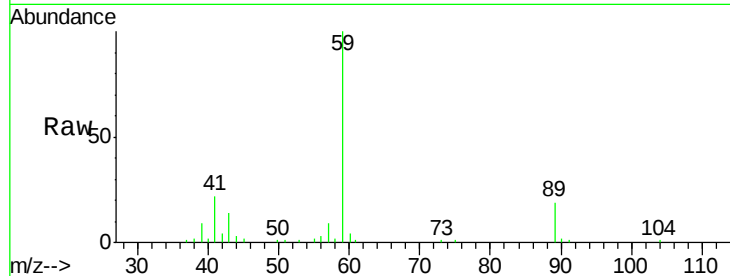
Tert butyl alcohol
 Concen: 231.944 ug/l
 RT: 4.98 min Scan# 532
 Delta R.T. 0.00 min
 Lab File: VY002120.D
 Acq: 27 Mar 2020 20:43

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
59	59	100		
57	57	8.6	7.7	11.5

Manual Integrations
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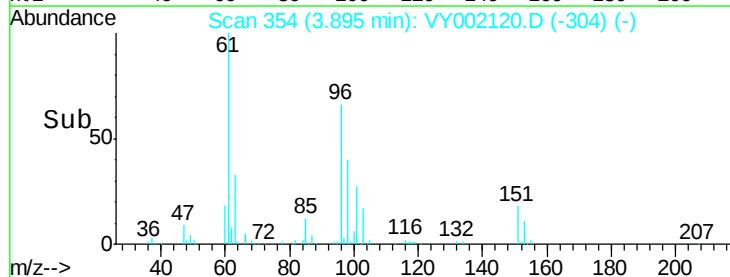
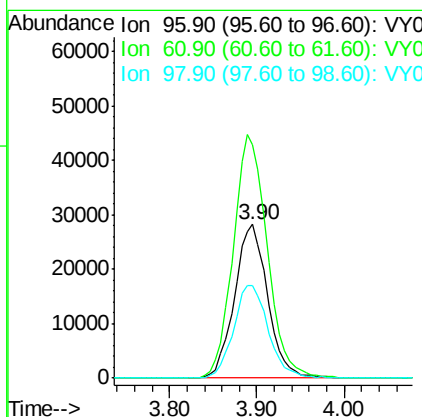
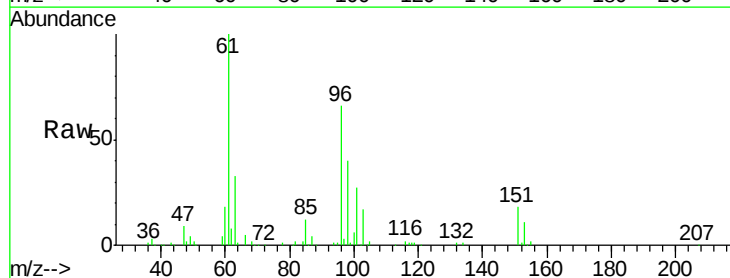
apatel
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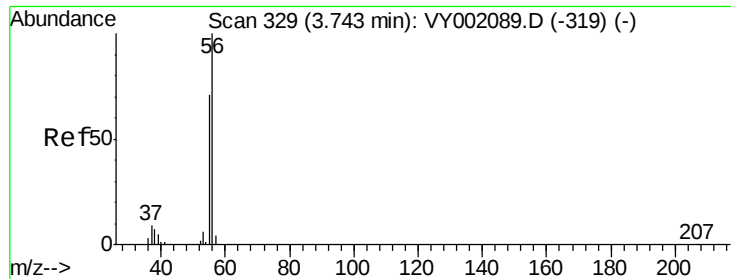


#12

1,1-Dichloroethene
 Concen: 47.292 ug/l
 RT: 3.90 min Scan# 354
 Delta R.T. 0.01 min
 Lab File: VY002120.D
 Acq: 27 Mar 2020 20:43

Tgt Ion	Ion	Ratio	Lower	Upper
96	96	100		
61	61	151.9	132.0	198.0
98	98	60.3	49.4	74.0





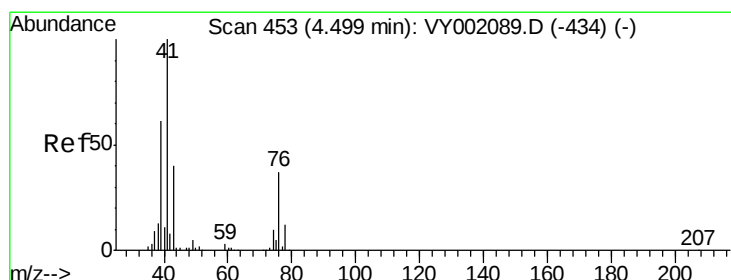
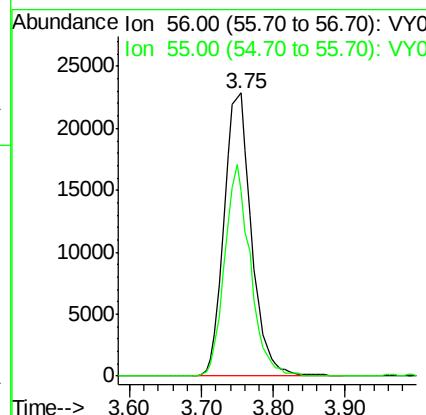
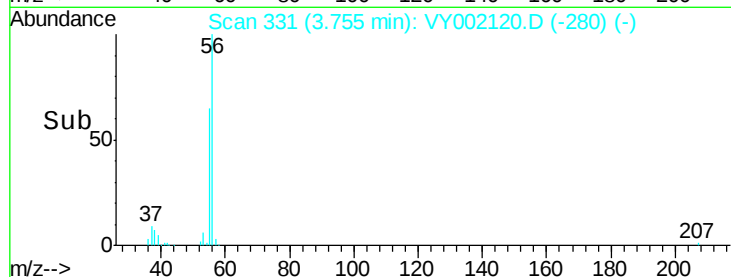
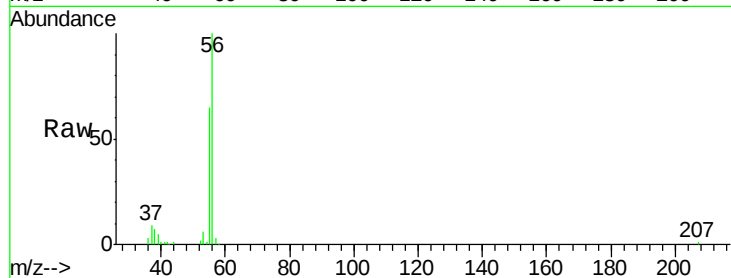
#13
Acrolein
Concen: 257.375 ug/l
RT: 3.75 min Scan# 331
Delta R.T. 0.01 min
Lab File: VY002120.D
Acq: 27 Mar 2020 20:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	56	Resp	60640
Ion Ratio	100	Lower	Upper
55	69.9	56.5	84.7

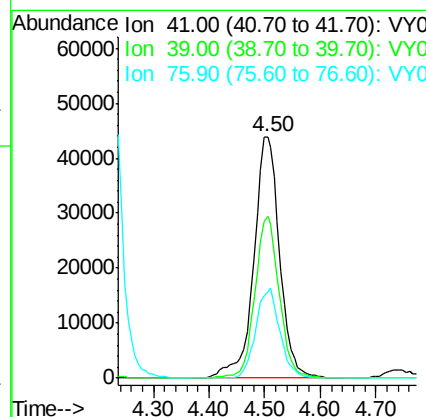
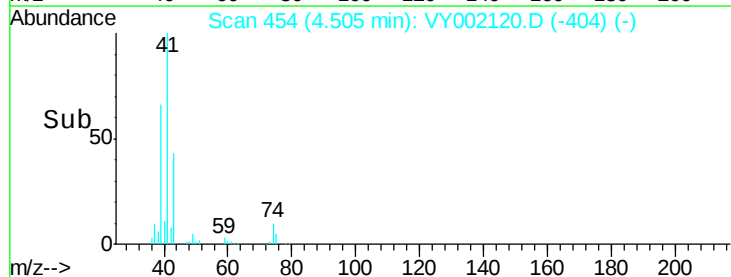
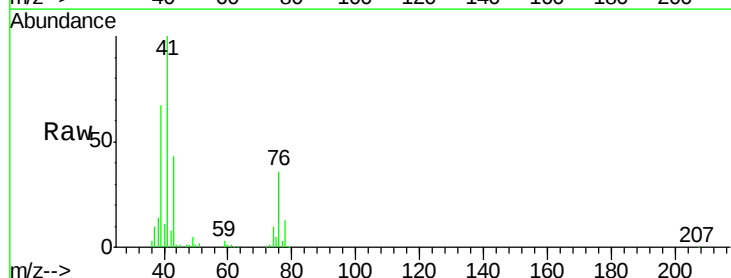
Manual Integrations
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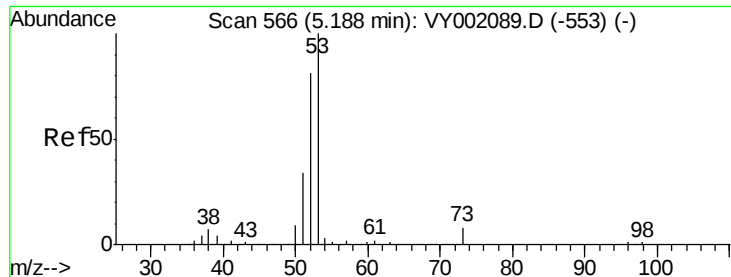
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#14
Allyl chloride
Concen: 49.457 ug/l
RT: 4.50 min Scan# 454
Delta R.T. 0.01 min
Lab File: VY002120.D
Acq: 27 Mar 2020 20:43

Tgt Ion	41	Resp	142161
Ion Ratio	100	Lower	Upper
39	63.1	49.0	73.4
76	34.6	27.8	41.8





#15

Acrylonitrile

Concen: 244.056 ug/l

RT: 5.19 min Scan# 567

Delta R.T. 0.01 min

Lab File: VY002120.D

Acq: 27 Mar 2020 20:43

Instrument :

MSVOA_Y

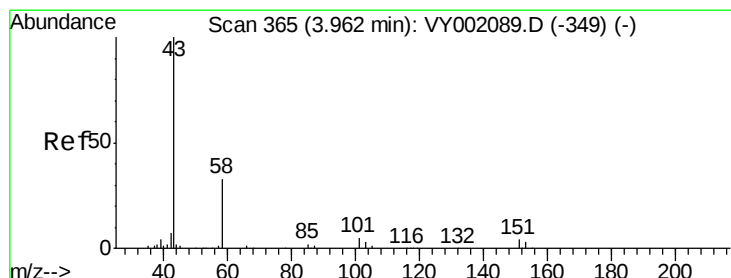
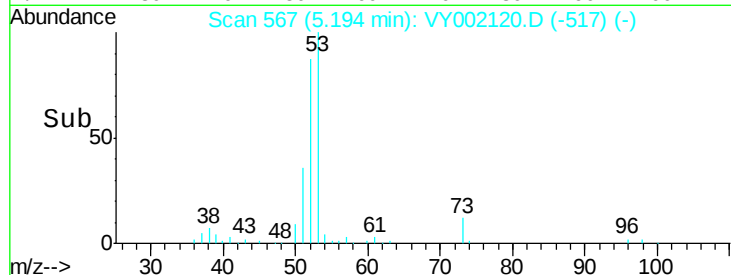
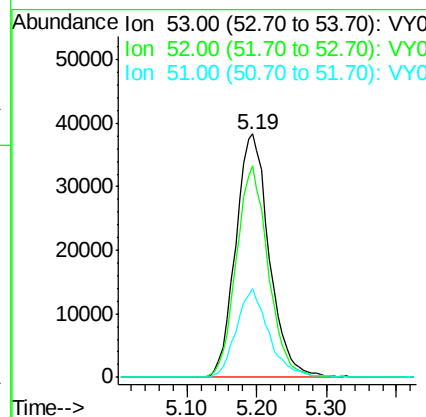
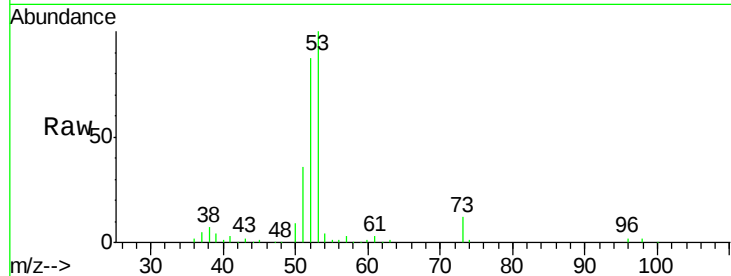
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	127694
Ion	Ratio	Lower	Upper
53	100		
52	82.5	64.6	97.0
51	35.4	27.9	41.9

Manual Integrations
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#16

Acetone

Concen: 197.862 ug/l

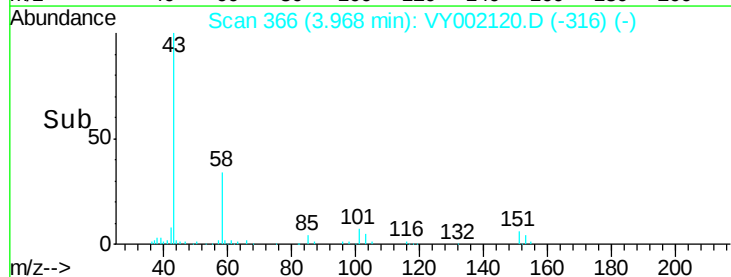
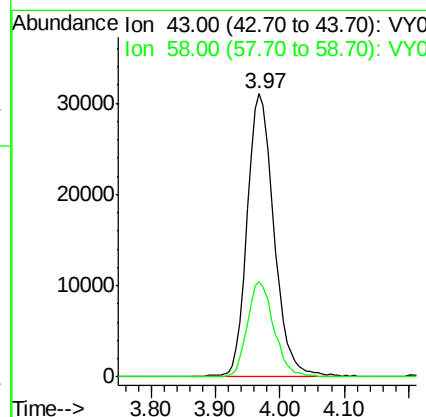
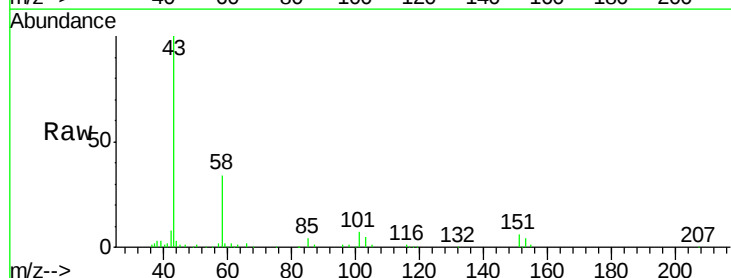
RT: 3.97 min Scan# 366

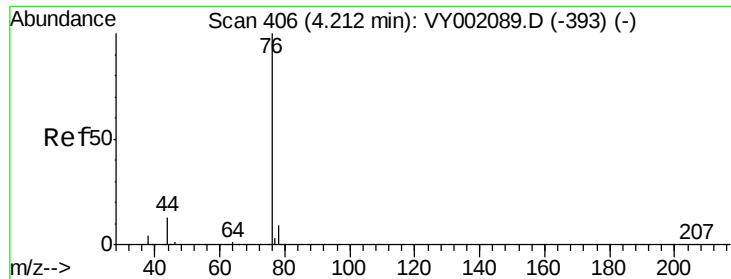
Delta R.T. 0.01 min

Lab File: VY002120.D

Acq: 27 Mar 2020 20:43

Tgt Ion:	43	Resp:	88924
Ion	Ratio	Lower	Upper
43	100		
58	33.8	26.3	39.5





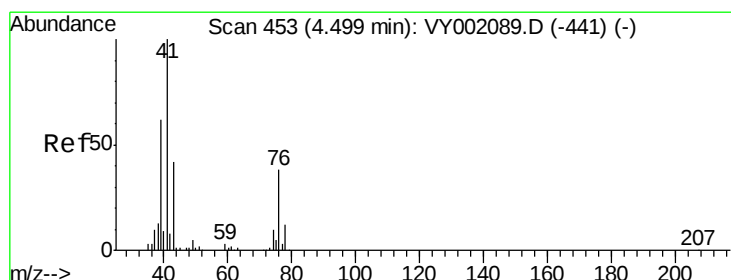
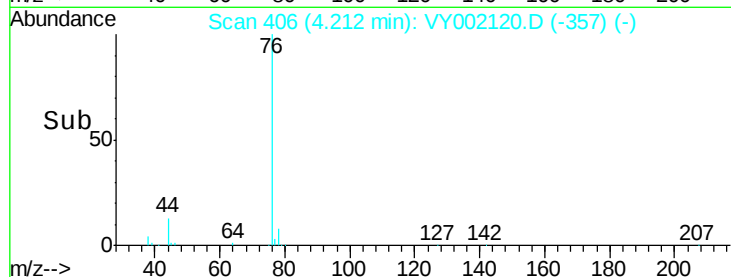
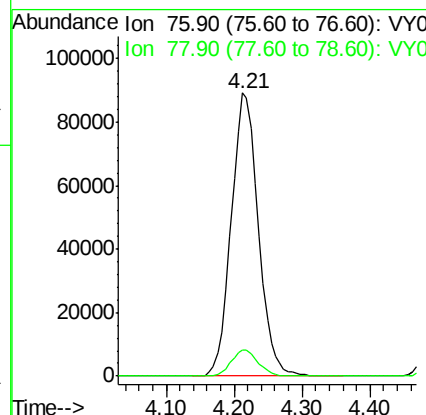
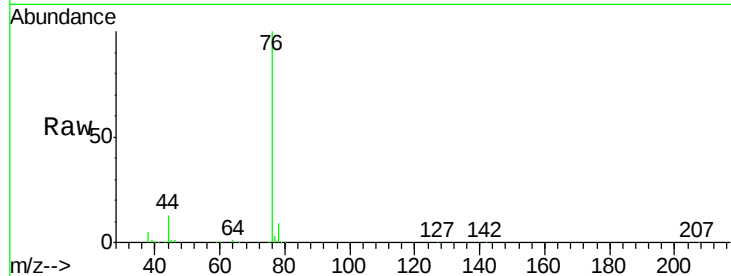
#17
Carbon Disulfide
Concen: 47.203 ug/l
RT: 4.21 min Scan# 406
Delta R.T. 0.00 min
Lab File: VY002120.D
Acq: 27 Mar 2020 20:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.3	10.9

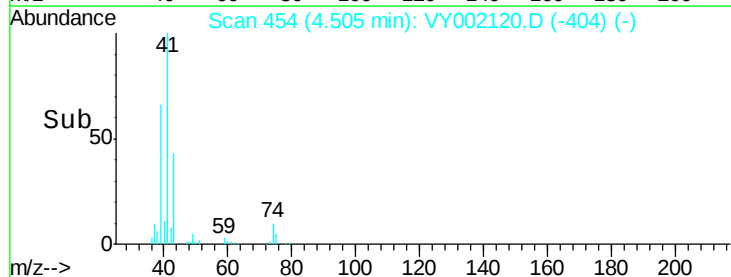
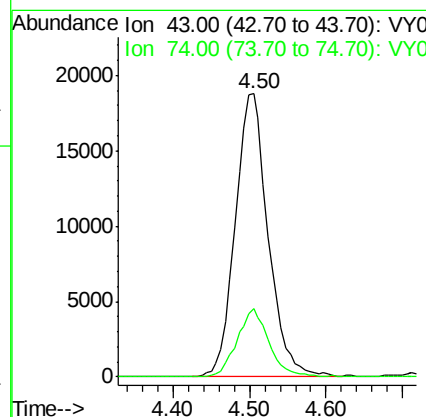
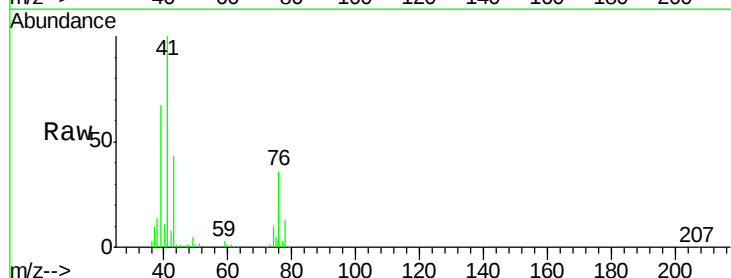
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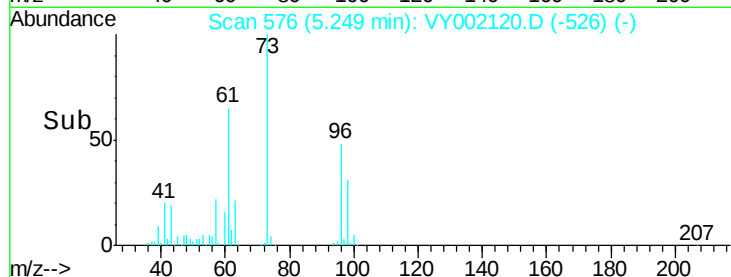
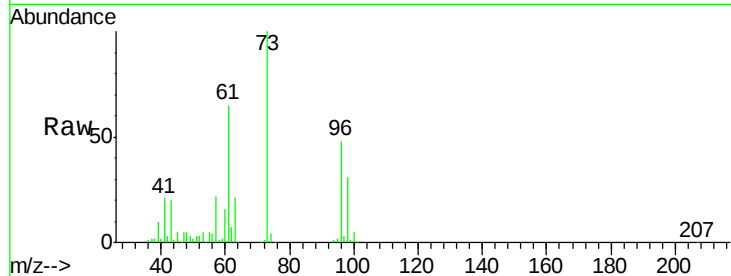
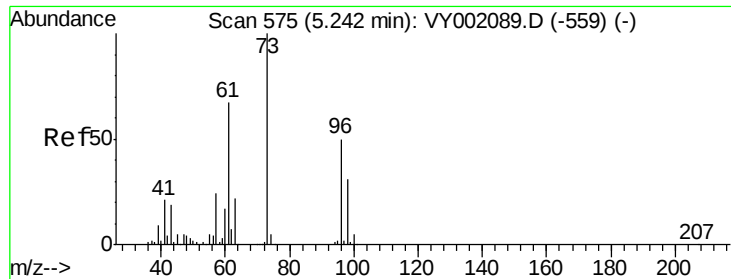
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#18
Methyl Acetate
Concen: 48.060 ug/l
RT: 4.50 min Scan# 454
Delta R.T. 0.01 min
Lab File: VY002120.D
Acq: 27 Mar 2020 20:43

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.3	18.3	27.5





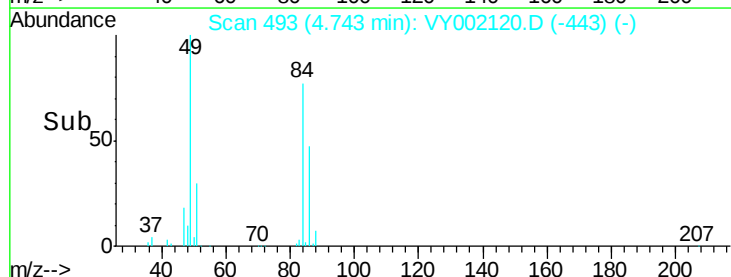
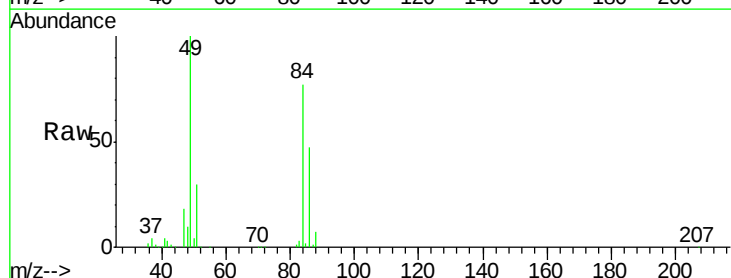
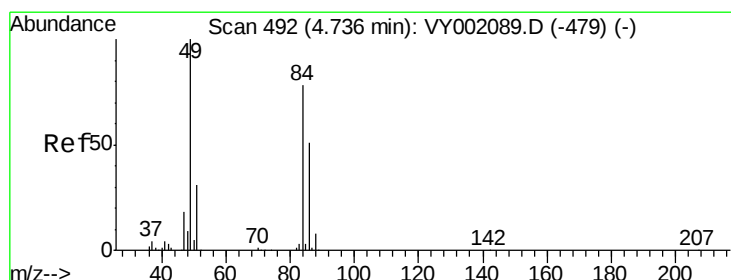
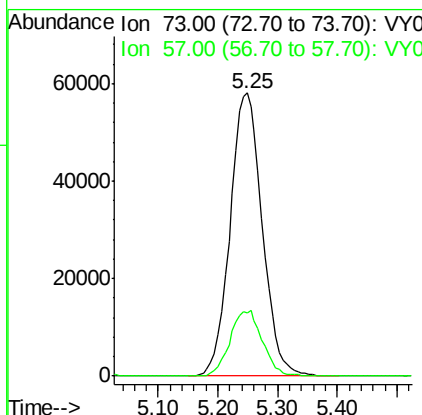
#19
Methyl tert-butyl Ether
Concen: 49.536 ug/l
RT: 5.25 min Scan# 576
Delta R.T. 0.01 min
Lab File: VY002120.D
Acq: 27 Mar 2020 20:43

Tot Ion: 73 Resp: 216980
Ion Ratio Lower Upper
73 100
57 22.5 19.0 28.6

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

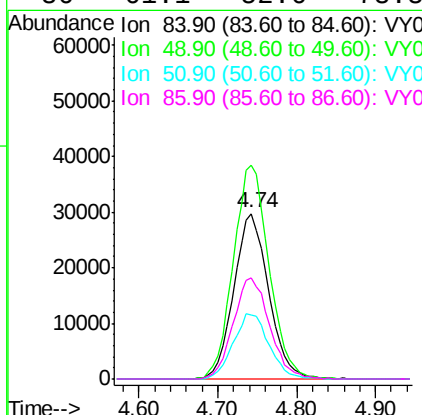
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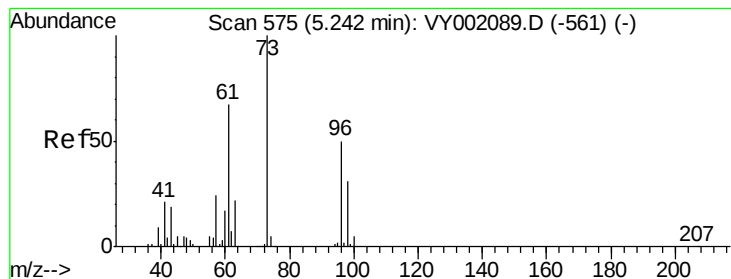
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#20
Methylene Chloride
Concen: 48.931 ug/l
RT: 4.74 min Scan# 493
Delta R.T. 0.01 min
Lab File: VY002120.D
Acq: 27 Mar 2020 20:43

Tgt Ion: 84 Resp: 91250
Ion Ratio Lower Upper
84 100
49 129.1 102.2 153.4
51 38.5 31.2 46.8
86 61.1 52.6 78.8





#21

trans-1,2-Dichloroethene

Concen: 48.820 ug/l

RT: 5.25 min Scan# 576

Delta R.T. 0.01 min

Lab File: VY002120.D

Acq: 27 Mar 2020 20:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 96 Resp: 87279

Ion Ratio Lower Upper

96 100

61 135.5 107.7 161.5

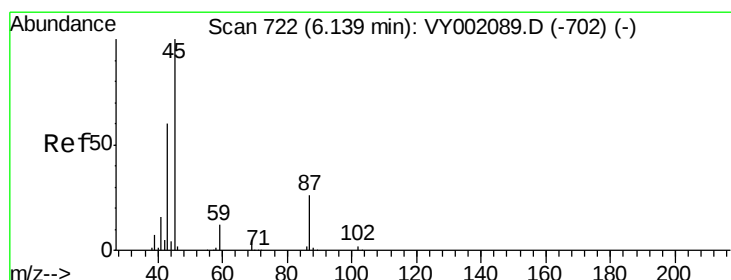
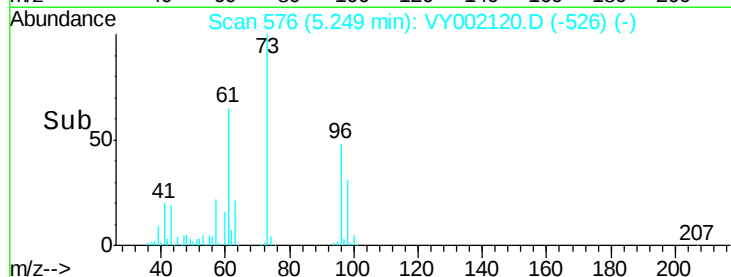
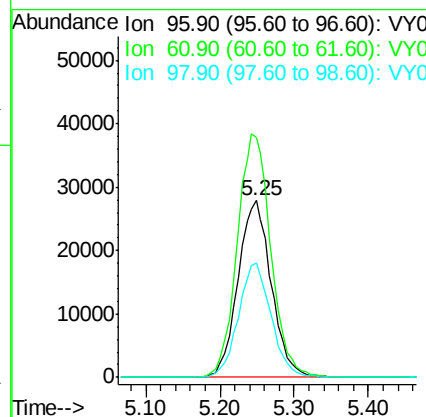
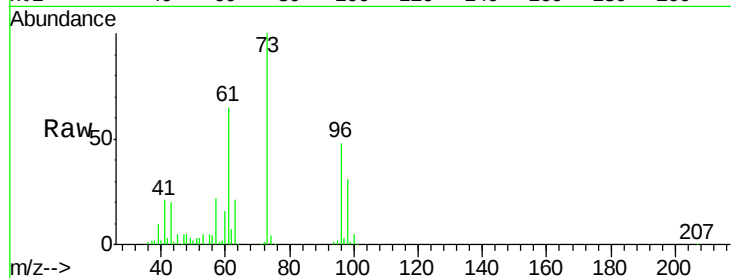
98 65.0 50.5 75.7

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#22

Diisopropyl ether

Concen: 52.382 ug/l

RT: 6.14 min Scan# 723

Delta R.T. 0.01 min

Lab File: VY002120.D

Acq: 27 Mar 2020 20:43

Tgt Ion: 45 Resp: 308138

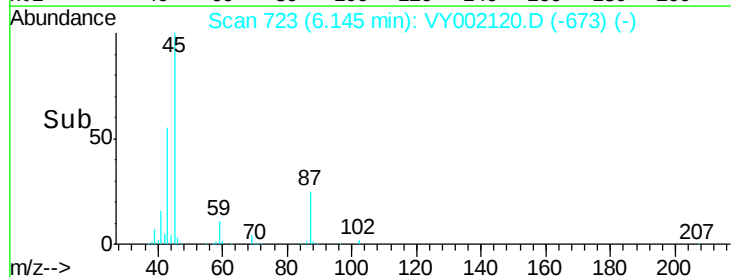
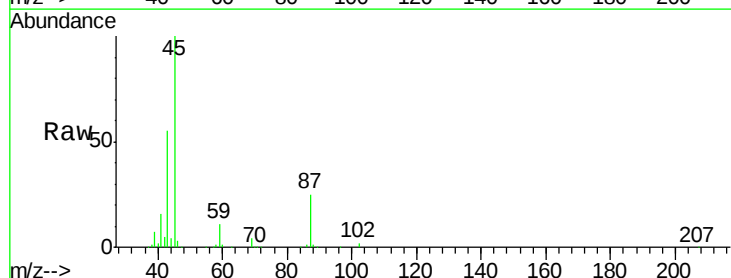
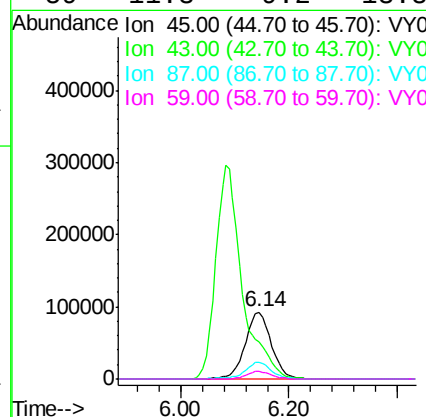
Ion Ratio Lower Upper

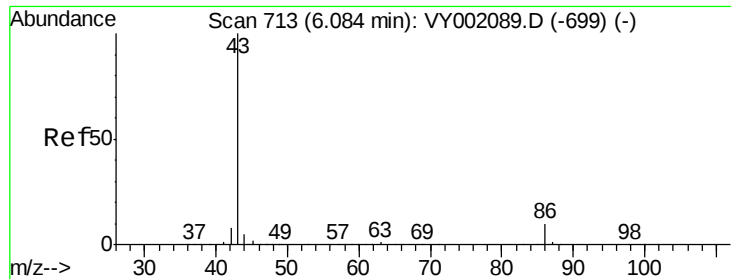
45 100

43 54.3 48.1 72.1

87 25.5 21.1 31.7

59 11.3 9.2 13.8





#23

Vinyl Acetate

Concen: 257.407 ug/l

RT: 6.08 min Scan# 713

Delta R.T. 0.00 min

Lab File: VY002120.D

Acq: 27 Mar 2020 20:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 992910

Ion Ratio Lower Upper

43 100

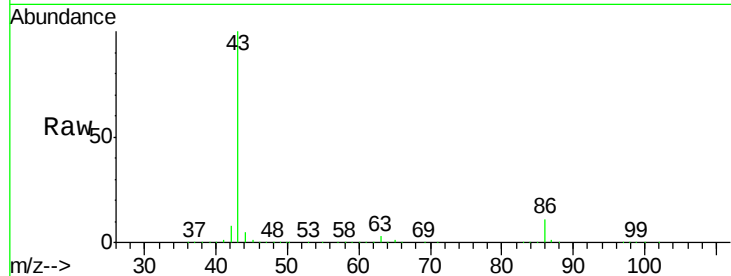
86 10.5 7.9 11.9

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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

6.08

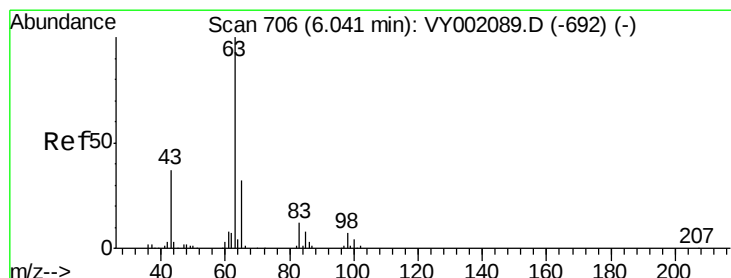
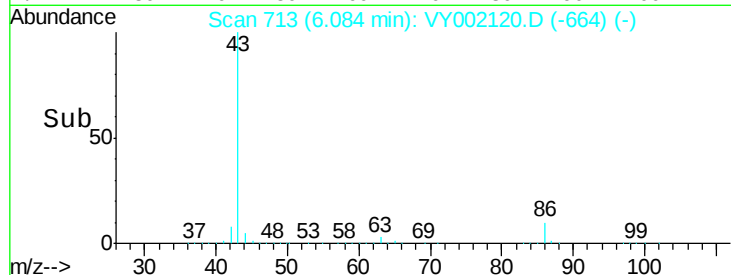
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 50.372 ug/l

RT: 6.05 min Scan# 707

Delta R.T. 0.01 min

Lab File: VY002120.D

Acq: 27 Mar 2020 20:43

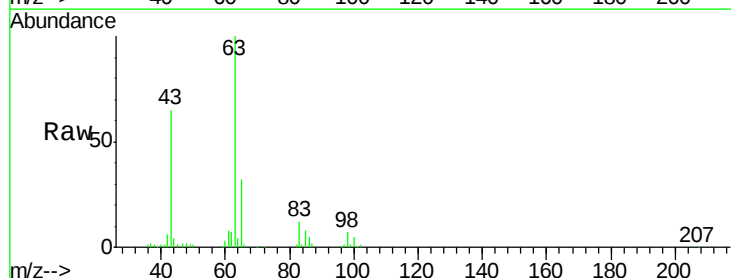
Tgt Ion: 63 Resp: 157546

Ion Ratio Lower Upper

63 100

98 6.5 3.3 9.9

100 4.5 1.8 5.5



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0

6.05

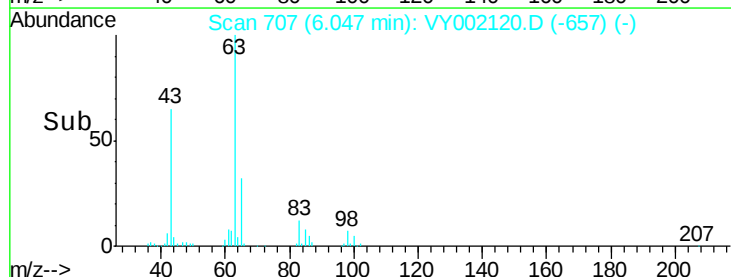
60000

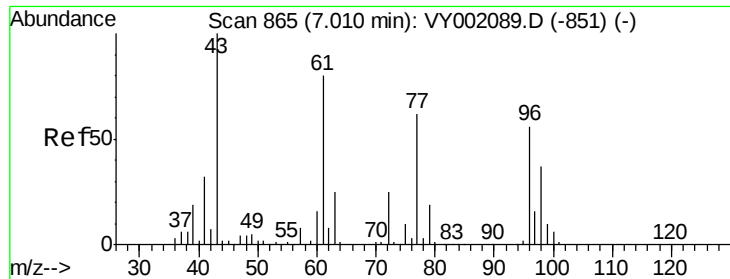
40000

20000

0

Time-->





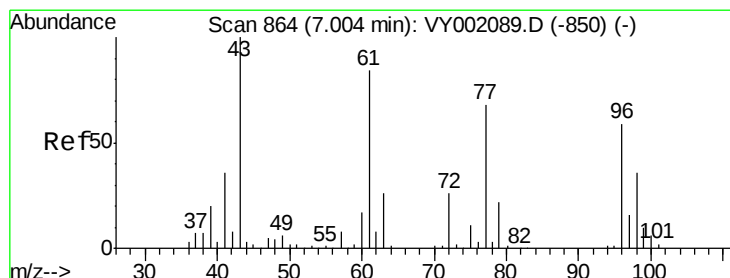
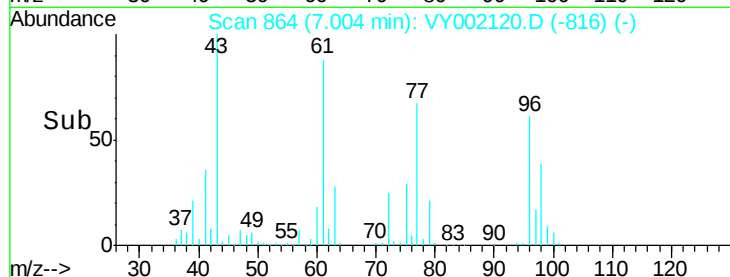
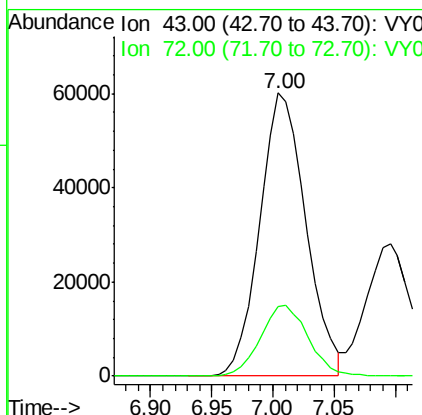
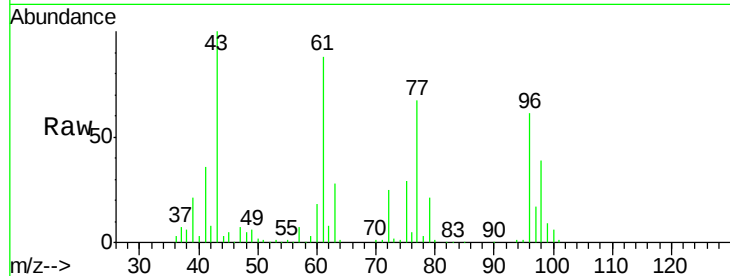
#25
2-Butanone
Concen: 229.149 ug/l
RT: 7.00 min Scan# 864
Delta R.T. -0.01 min
Lab File: VY002120.D
Acq: 27 Mar 2020 20:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 158134
Ion Ratio Lower Upper
43 100
72 24.8 20.2 30.2

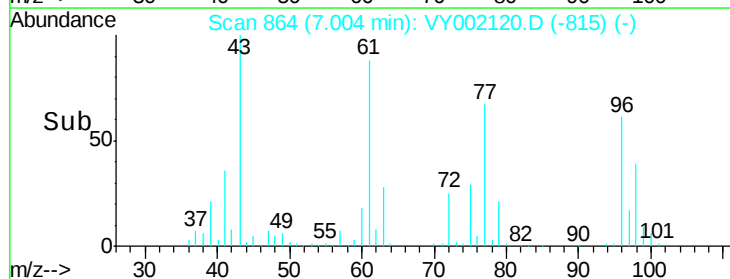
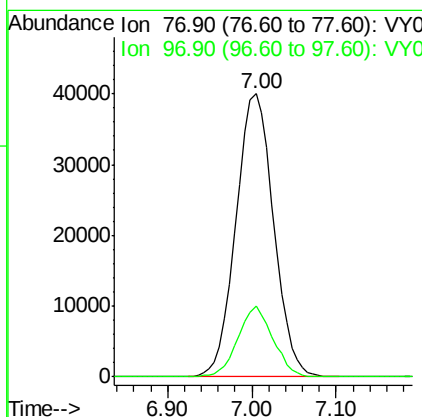
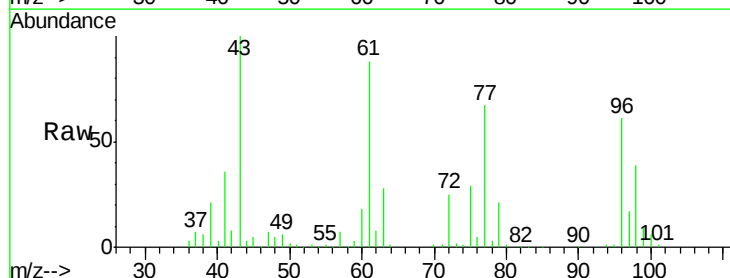
Manual Integrations
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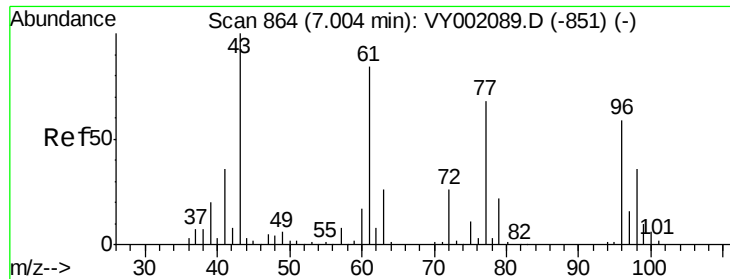
apatel
3/30/2020 1:10:27 PM



#26
2,2-Dichloropropane
Concen: 46.995 ug/l
RT: 7.00 min Scan# 864
Delta R.T. 0.00 min
Lab File: VY002120.D
Acq: 27 Mar 2020 20:43

Tgt Ion: 77 Resp: 121055
Ion Ratio Lower Upper
77 100
97 23.3 11.7 35.1





#27

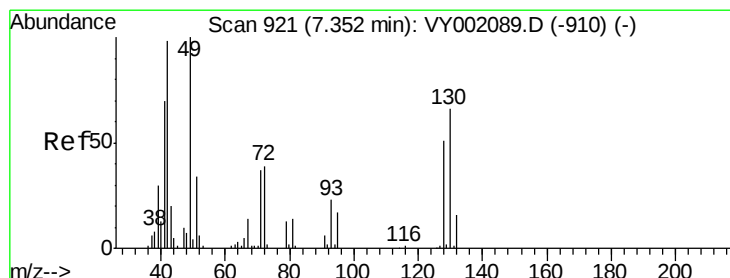
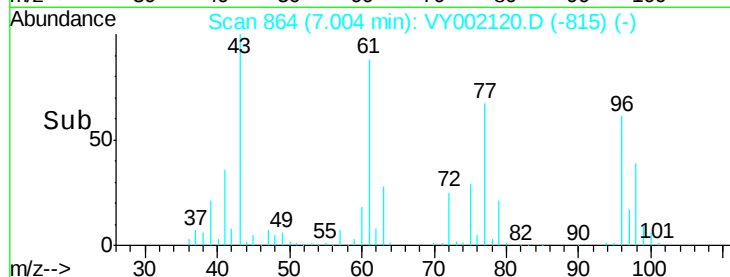
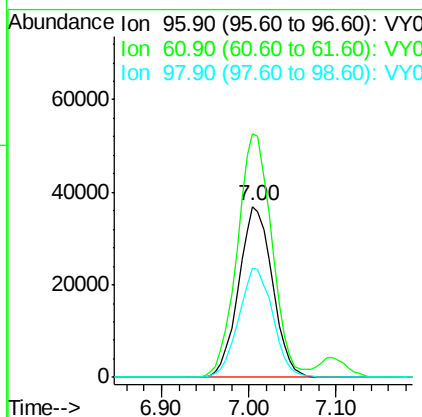
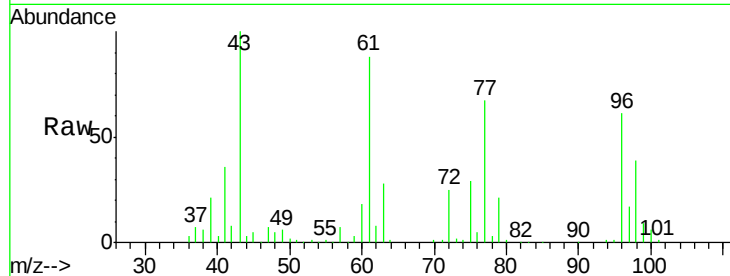
cis-1,2-Dichloroethene
Concen: 50.410 ug/l
RT: 7.00 min Scan# 864
Delta R.T. 0.00 min
Lab File: VY002120.D
Acq: 27 Mar 2020 20:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	146.2	0.0	290.6
98	64.2	0.0	128.0

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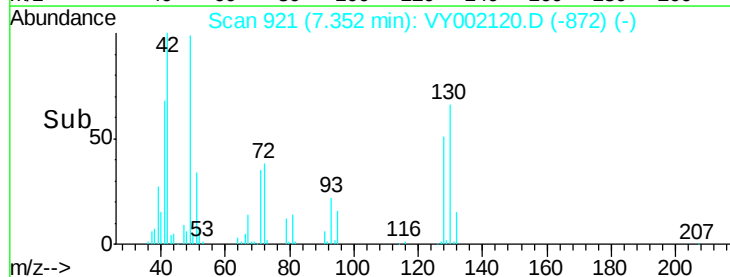
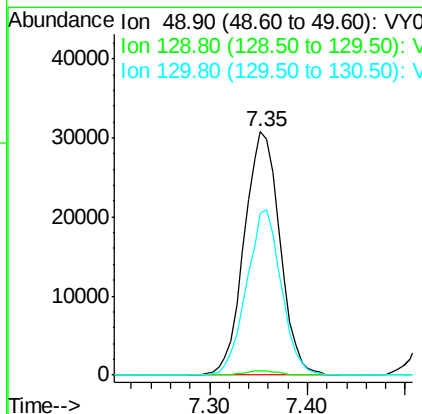
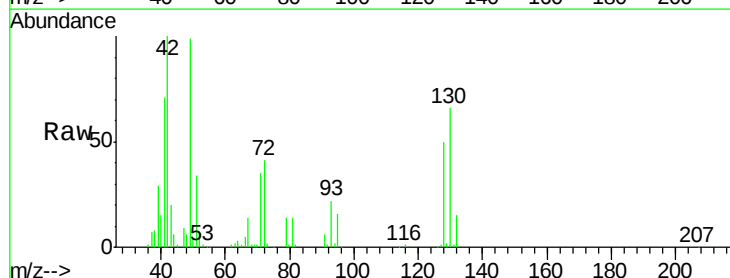
apatel
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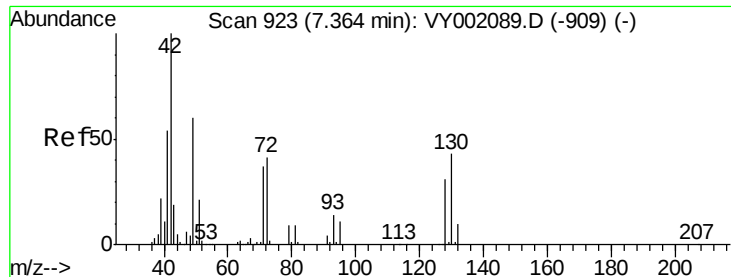


#28

Bromochloromethane
Concen: 54.595 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.00 min
Lab File: VY002120.D
Acq: 27 Mar 2020 20:43

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	3.4
130	66.0	54.1	81.1





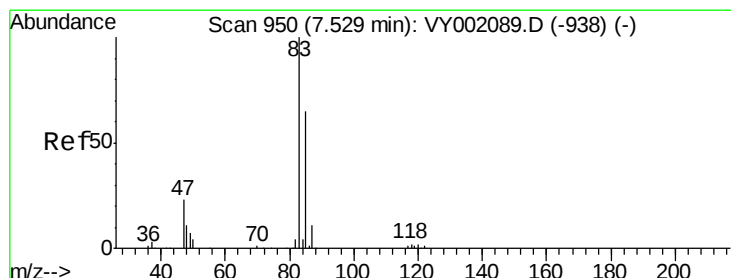
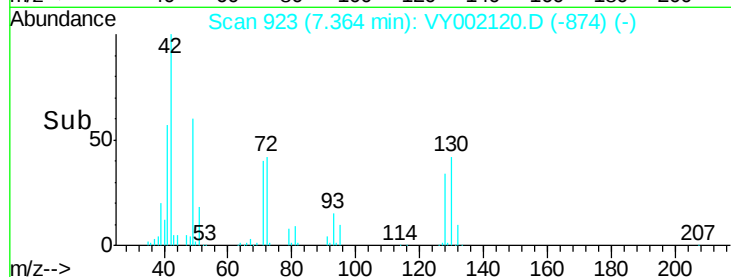
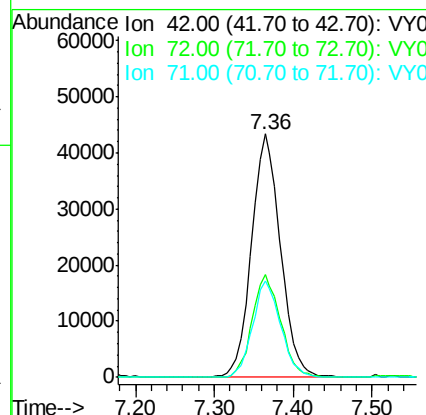
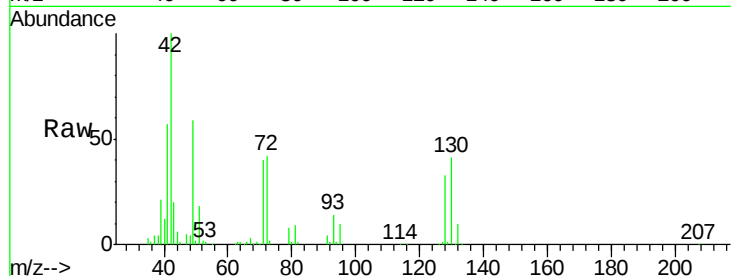
#29
Tetrahydrofuran
Concen: 245.426 ug/l
RT: 7.36 min Scan# 923
Delta R.T. 0.00 min
Lab File: VY002120.D
Acq: 27 Mar 2020 20:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.4	33.0	49.4
71	38.5	31.2	46.8

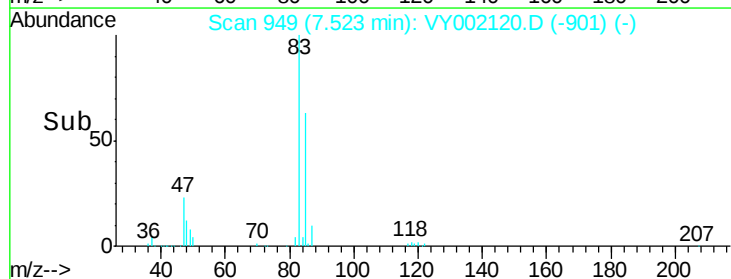
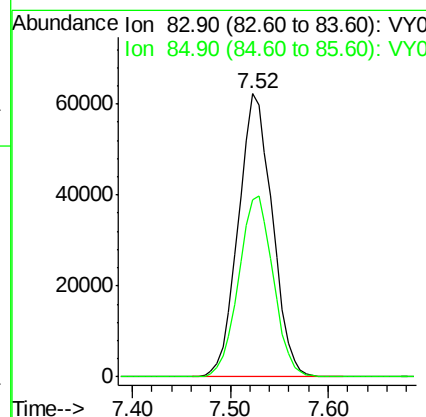
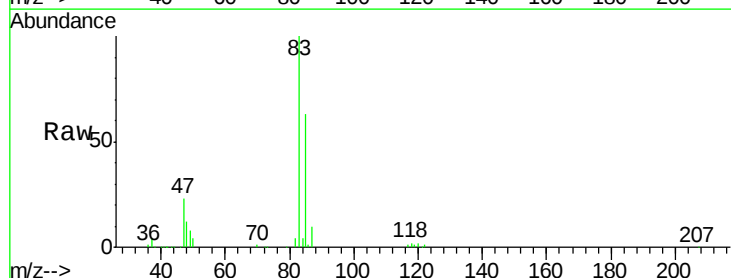
Manual Integrations
APPROVED

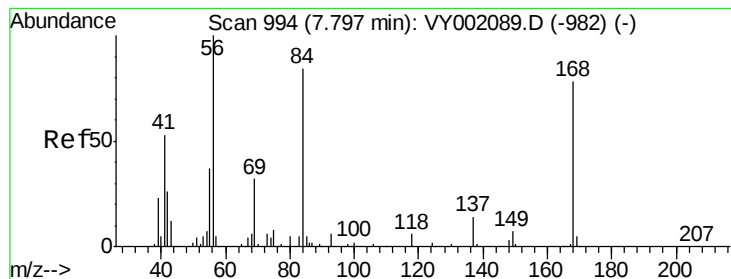
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#30
Chloroform
Concen: 50.588 ug/l
RT: 7.52 min Scan# 949
Delta R.T. -0.01 min
Lab File: VY002120.D
Acq: 27 Mar 2020 20:43

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.8	52.4	78.6





#31

Cyclohexane

Concen: 46.557 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.01 min

Lab File: VY002120.D

Acq: 27 Mar 2020 20:43

Instrument :

MSVOA_Y

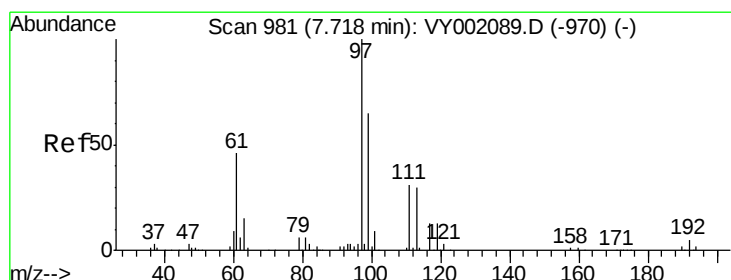
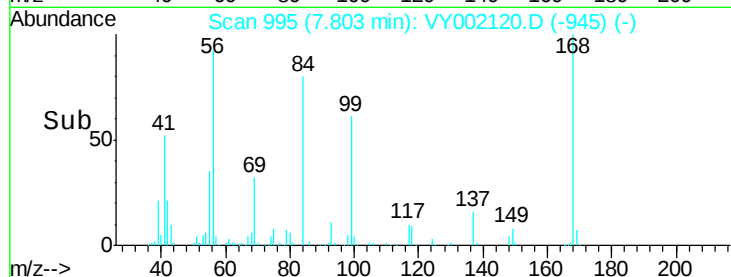
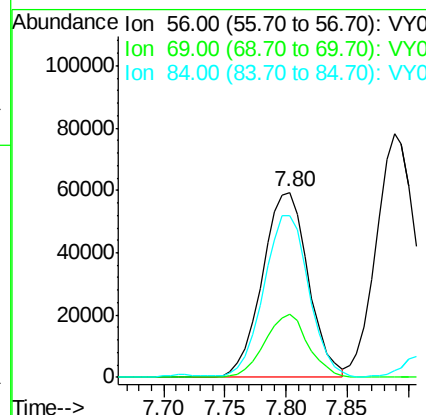
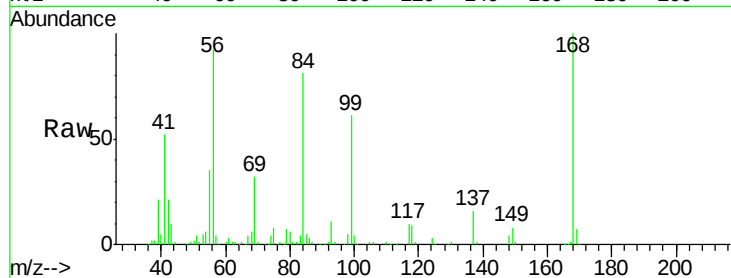
ClientSampled :

VSTDCCC050EC

Tot Ion:	56	Resp:	155161
Ion Ratio	Lower	Upper	
56	100		
69	34.2	25.8	38.8
84	86.3	67.1	100.7

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 50.120 ug/l

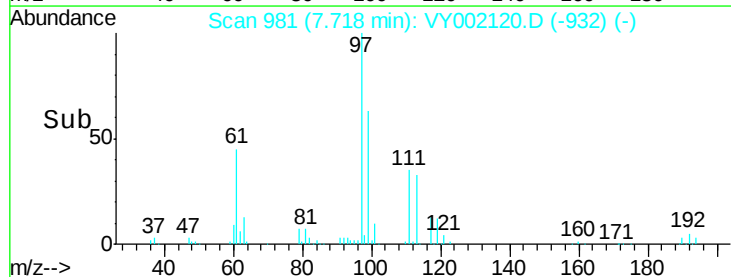
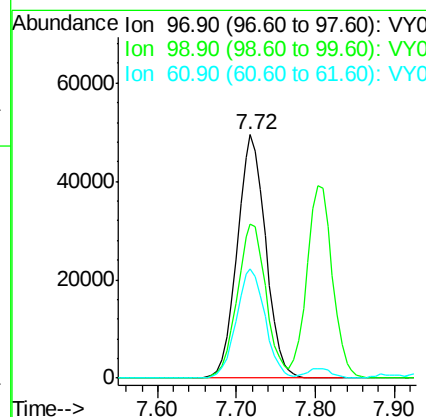
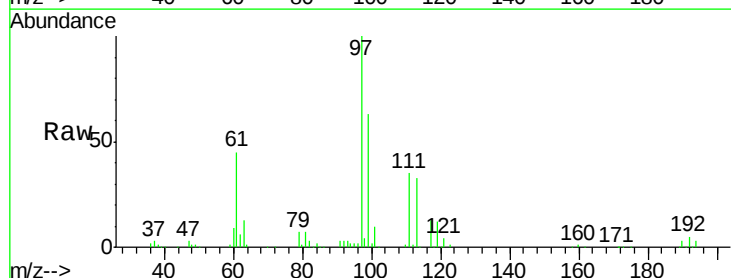
RT: 7.72 min Scan# 981

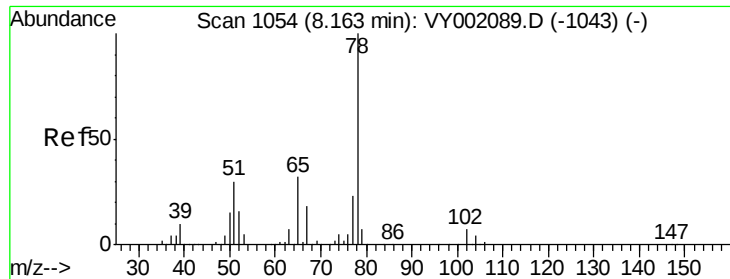
Delta R.T. 0.00 min

Lab File: VY002120.D

Acq: 27 Mar 2020 20:43

Tgt Ion:	97	Resp:	124057
Ion Ratio	Lower	Upper	
97	100		
99	64.3	52.0	78.0
61	45.3	35.7	53.5





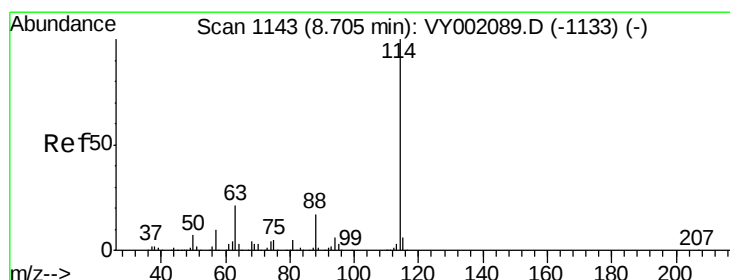
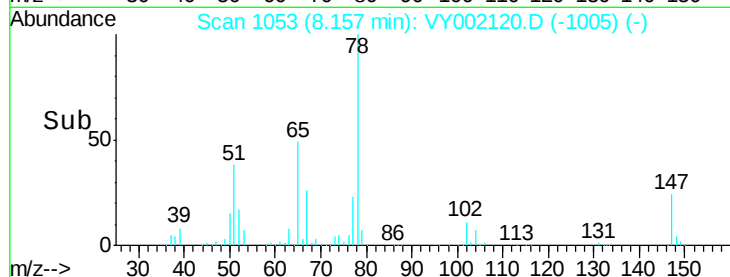
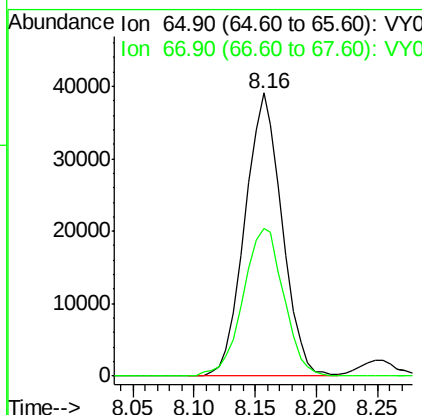
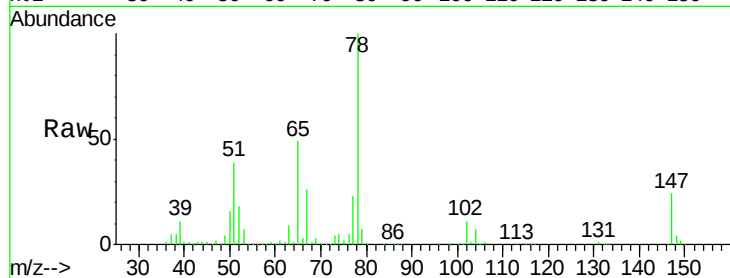
#33
 1,2-Dichloroethane-d4
 Concen: 51.592 ug/l
 RT: 8.16 min Scan# 1053
 Delta R.T. -0.01 min
 Lab File: VY002120.D
 Acq: 27 Mar 2020 20:43

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 65 Resp: 82530
 Ion Ratio Lower Upper
 65 100
 67 57.0 0.0 112.8

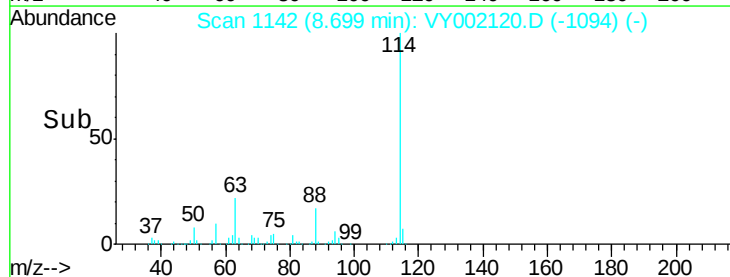
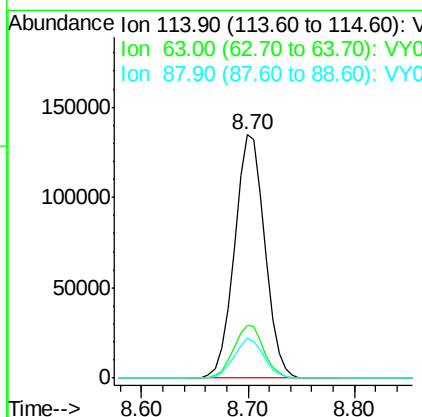
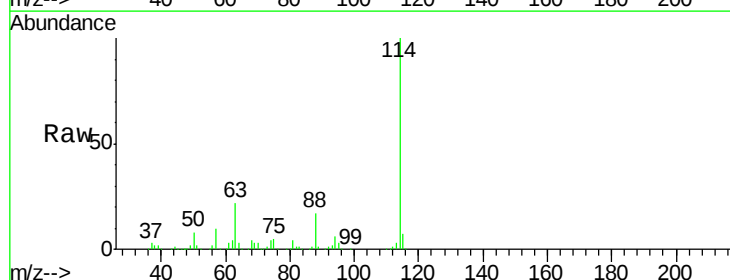
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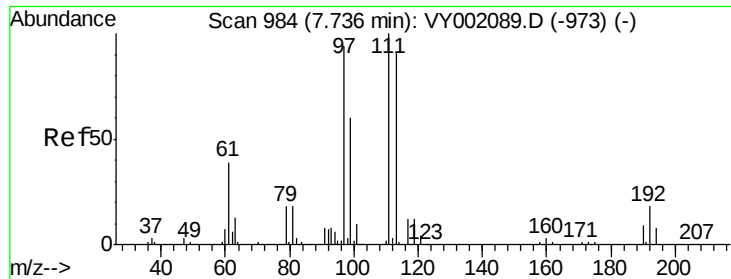
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: VY002120.D
 Acq: 27 Mar 2020 20:43

Tgt Ion: 114 Resp: 269058
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 41.4
 88 16.5 0.0 33.0





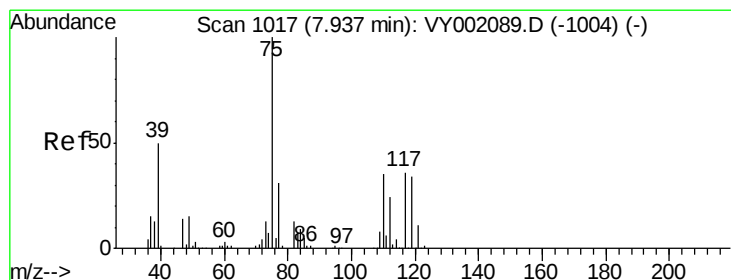
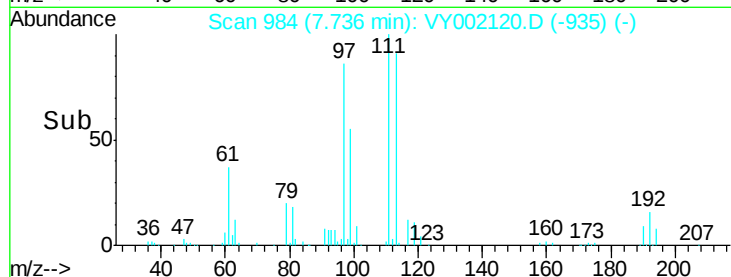
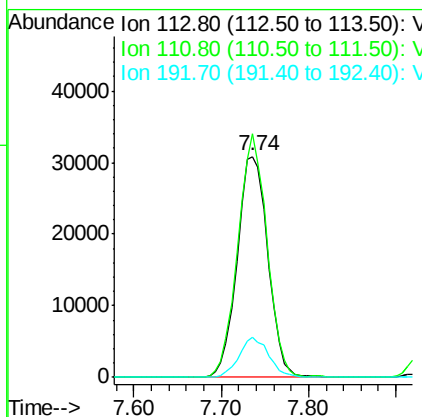
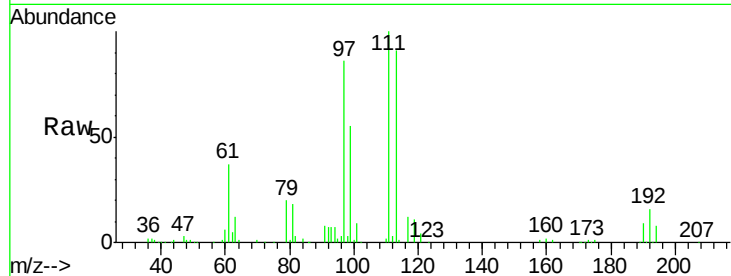
#35
 Dibromofluoromethane
 Concen: 50.075 ug/l
 RT: 7.74 min Scan# 984
 Delta R.T. 0.00 min
 Lab File: VY002120.D
 Acq: 27 Mar 2020 20:43

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
113	100		
111	104.0	84.4	126.6
192	17.4	14.6	21.8

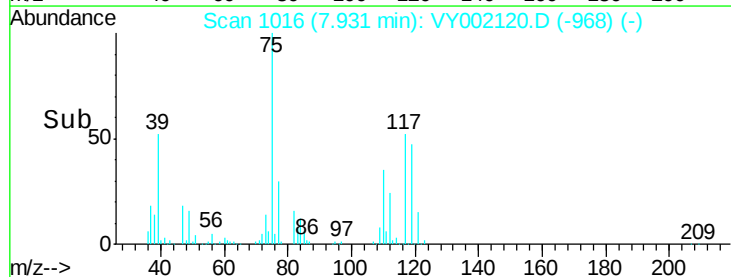
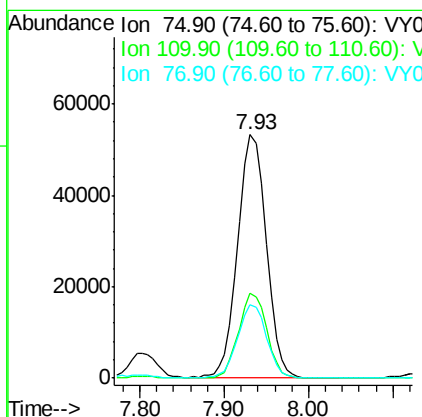
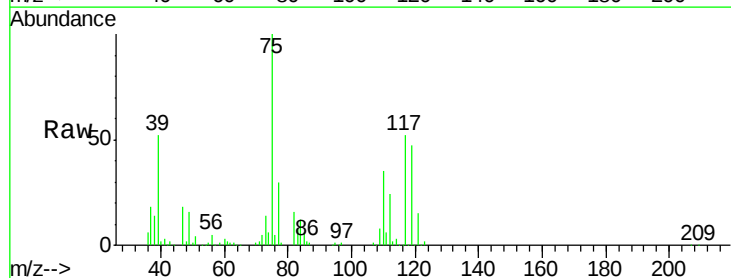
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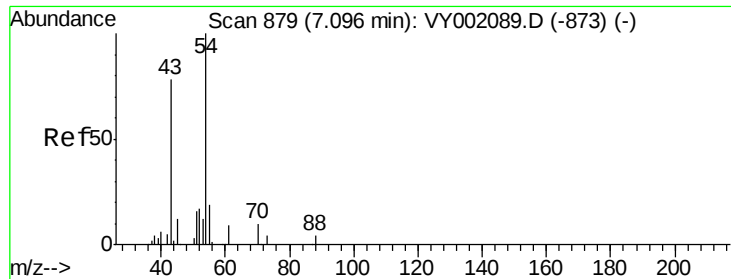
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#36
 1,1-Dichloropropene
 Concen: 48.296 ug/l
 RT: 7.93 min Scan# 1016
 Delta R.T. -0.01 min
 Lab File: VY002120.D
 Acq: 27 Mar 2020 20:43

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.1	17.2	51.6
77	30.5	24.7	37.1





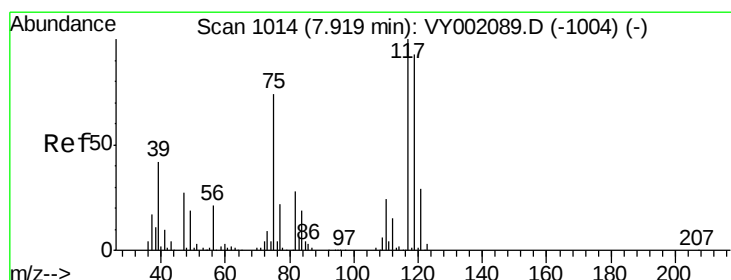
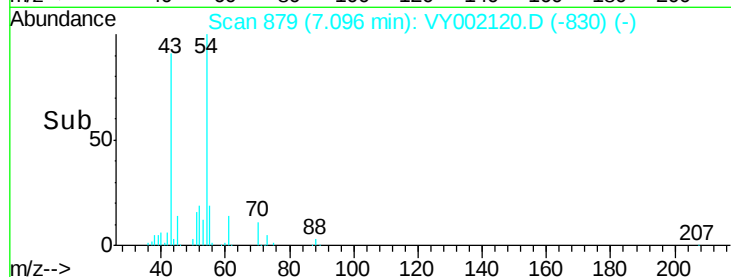
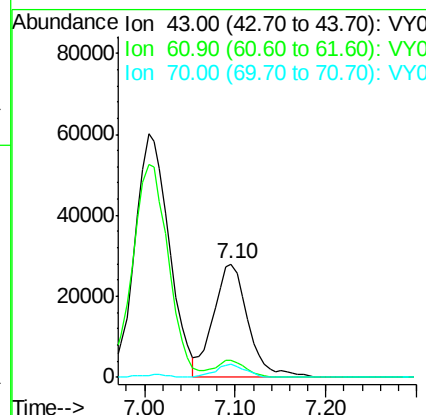
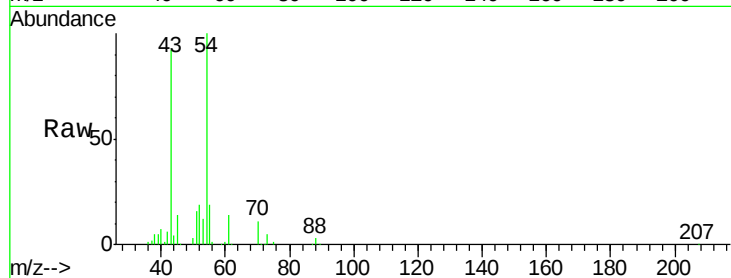
#37
Ethyl Acetate
Concen: 48.739 ug/l
RT: 7.10 min Scan# 879
Delta R.T. 0.00 min
Lab File: VY002120.D
Acq: 27 Mar 2020 20:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.7	11.2	16.8
70	10.2	8.2	12.4

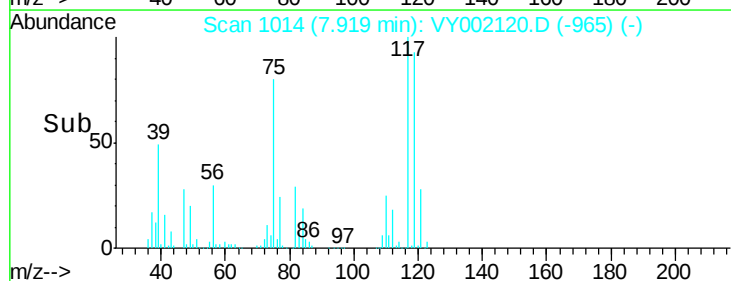
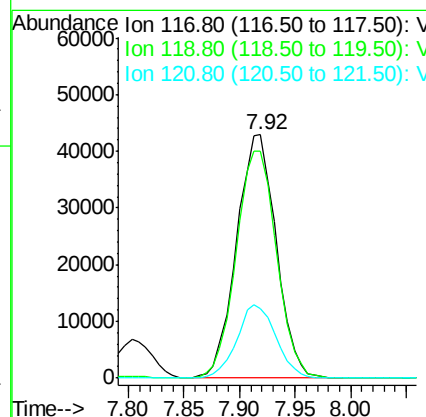
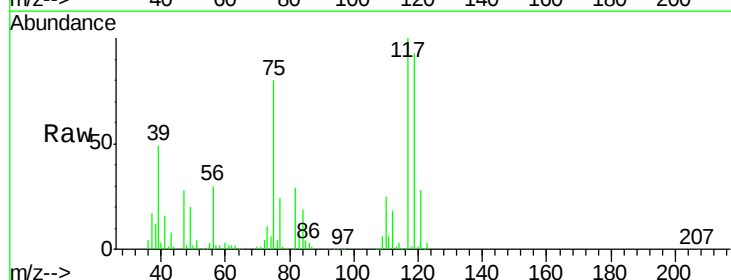
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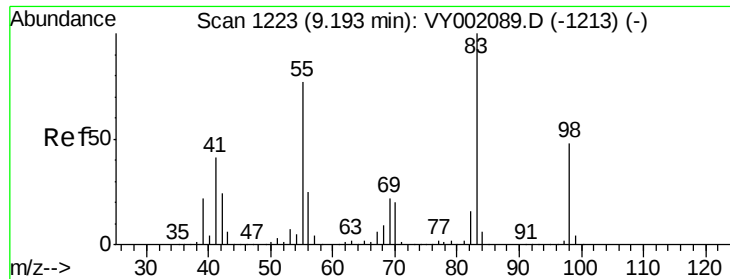
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#38
Carbon Tetrachloride
Concen: 49.141 ug/l
RT: 7.92 min Scan# 1014
Delta R.T. 0.00 min
Lab File: VY002120.D
Acq: 27 Mar 2020 20:43

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.1	74.3	111.5
121	28.4	23.3	34.9





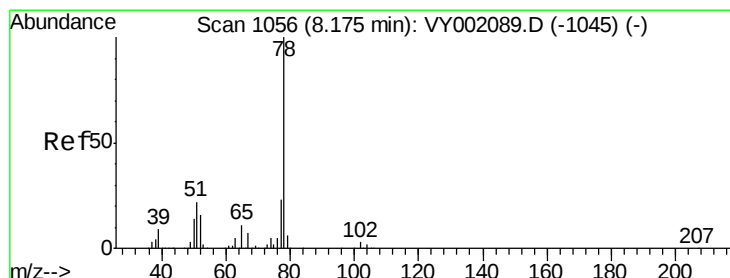
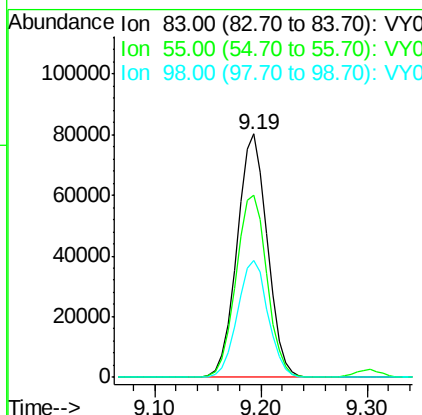
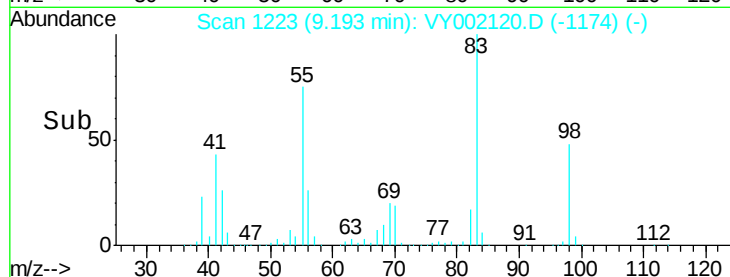
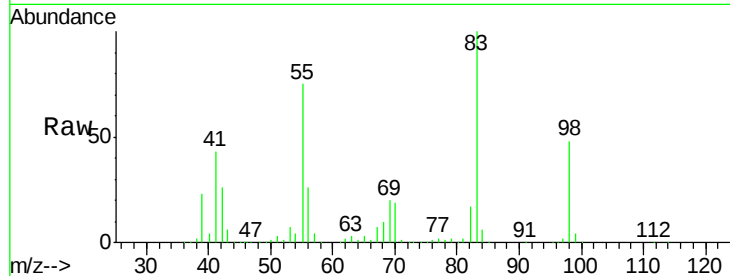
#39
Methvlcvclohexane
Concen: 48.068 ug/l
RT: 9.19 min Scan# 1223
Delta R.T. 0.00 min
Lab File: VY002120.D
Acq: 27 Mar 2020 20:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	83	Resp	160459
Ion Ratio	Lower	Upper	
83	100		
55	74.9	61.2	91.8
98	48.1	38.2	57.2

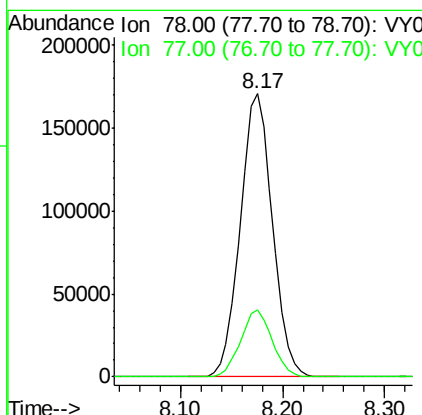
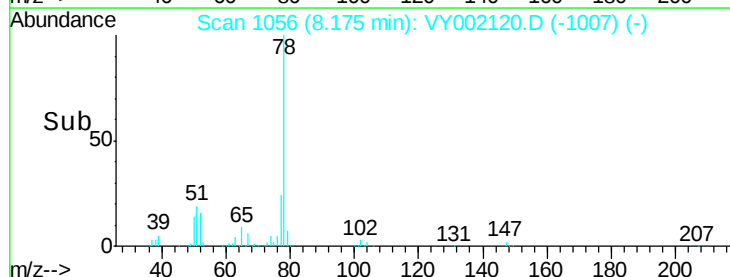
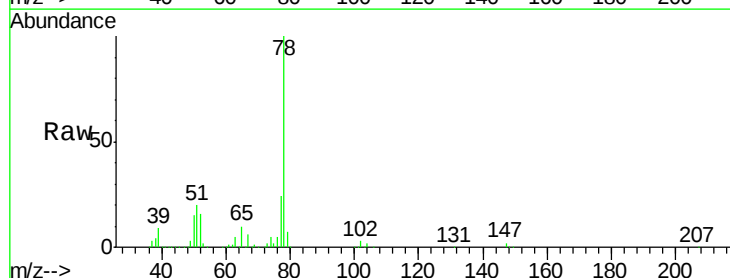
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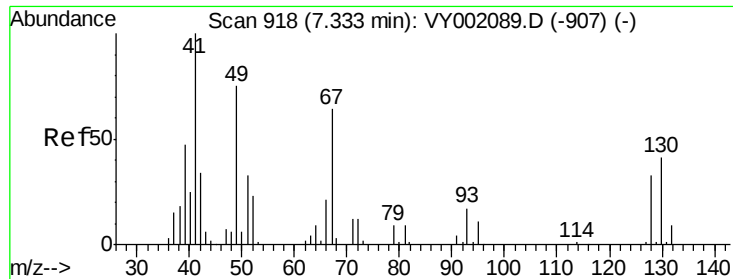
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#40
Benzene
Concen: 49.552 ug/l
RT: 8.17 min Scan# 1056
Delta R.T. 0.00 min
Lab File: VY002120.D
Acq: 27 Mar 2020 20:43

Tgt Ion	78	Resp	373543
Ion Ratio	Lower	Upper	
78	100		
77	23.9	18.2	27.4





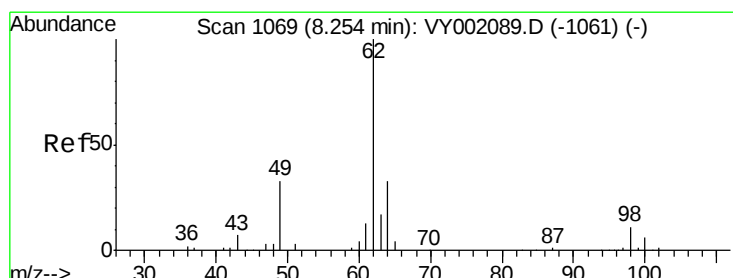
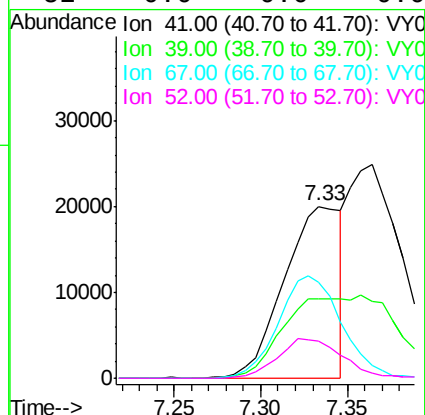
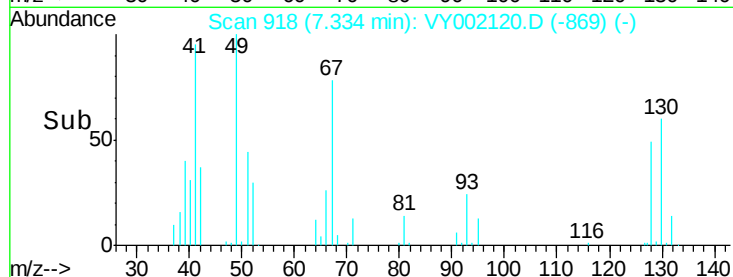
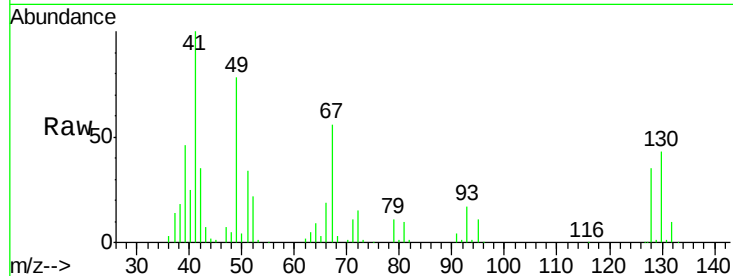
#41
Methacrylonitrile
Concen: 58.977 ug/l m
RT: 7.33 min Scan# 918
Delta R.T. 0.00 min
Lab File: VY002120.D
Acq: 27 Mar 2020 20:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	41	Resp	45879
Ion	Ratio	Lower	Upper
41	100		
39	94.9	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

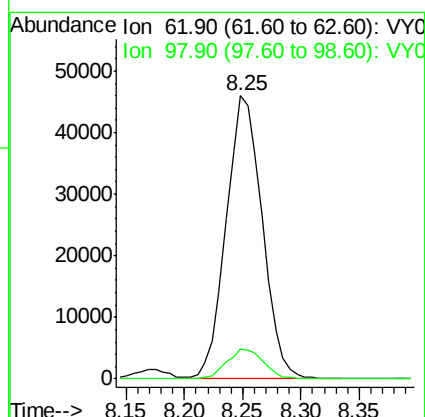
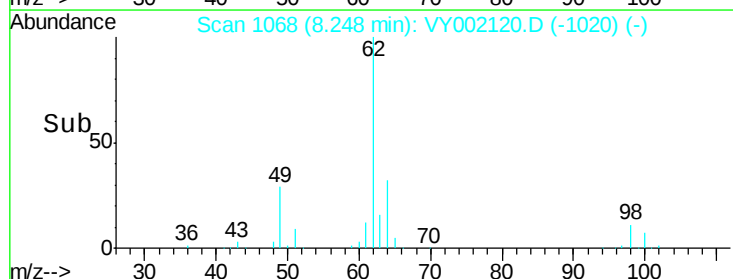
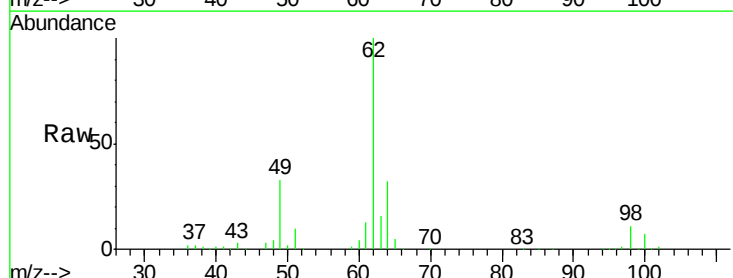
Manual Integrations
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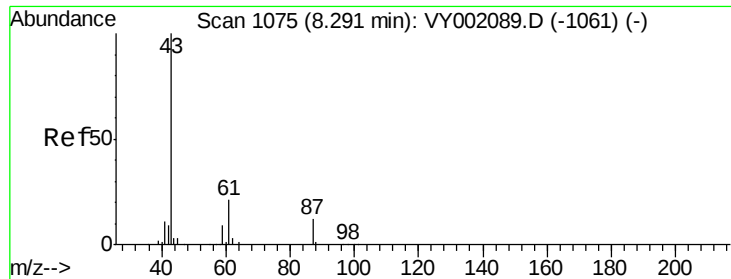
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#42
1,2-Dichloroethane
Concen: 49.432 ug/l
RT: 8.25 min Scan# 1068
Delta R.T. -0.01 min
Lab File: VY002120.D
Acq: 27 Mar 2020 20:43

Tgt Ion	62	Resp	98931
Ion	Ratio	Lower	Upper
62	100		
98	10.8	0.0	21.2





#43

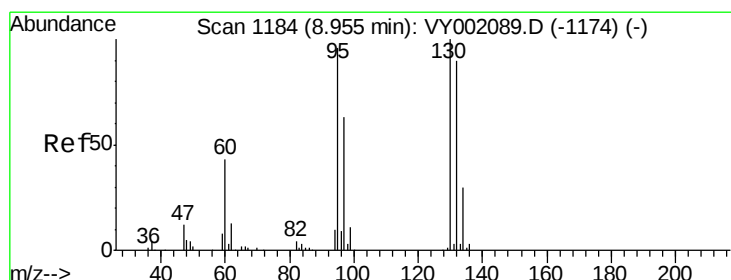
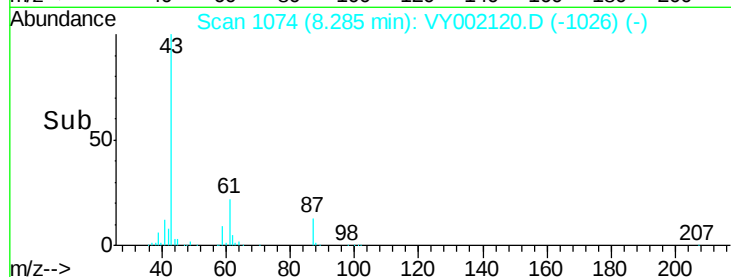
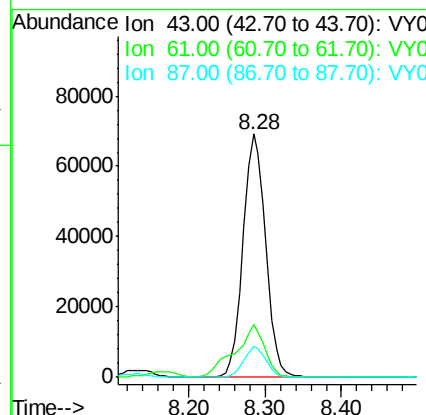
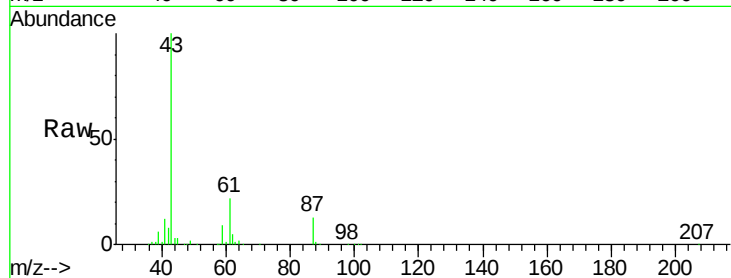
Isopropyl Acetate
 Concen: 49.717 ug/l
 RT: 8.28 min Scan# 1074
 Delta R.T. -0.01 min
 Lab File: VY002120.D
 Acq: 27 Mar 2020 20:43

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	28.4	23.4	35.2
87	12.5	10.2	15.4

Manual Integrations
 APPROVED

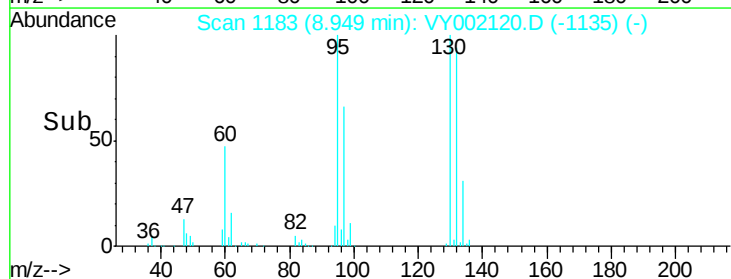
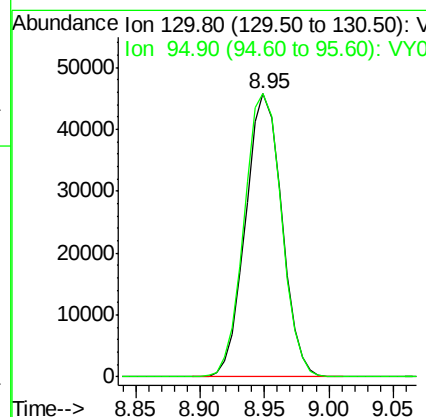
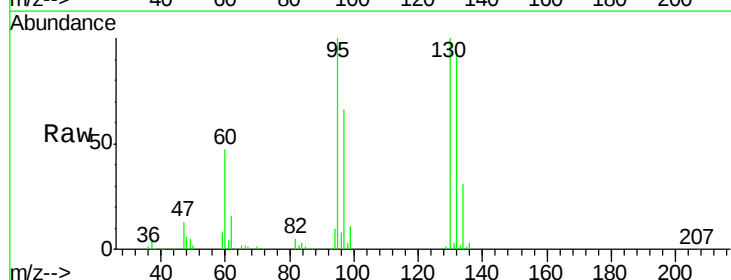
apatel
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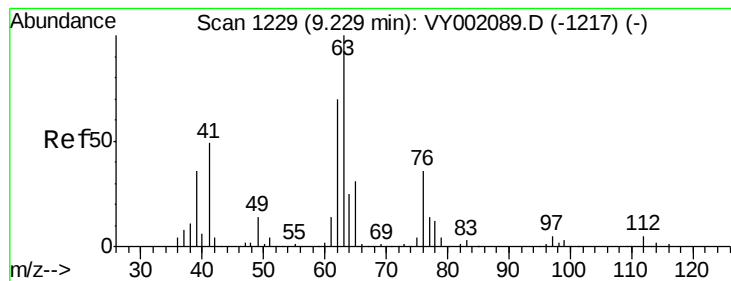


#44

Trichloroethene
 Concen: 49.061 ug/l
 RT: 8.95 min Scan# 1183
 Delta R.T. -0.01 min
 Lab File: VY002120.D
 Acq: 27 Mar 2020 20:43

Tgt Ion	Ratio	Lower	Upper
130	100		
95	100.1	0.0	193.0





#45

1,2-Dichloropropane

Concen: 50.821 ug/l

RT: 9.22 min Scan# 1228

Delta R.T. -0.01 min

Lab File: VY002120.D

Acq: 27 Mar 2020 20:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 97548

Ion Ratio Lower Upper

63 100

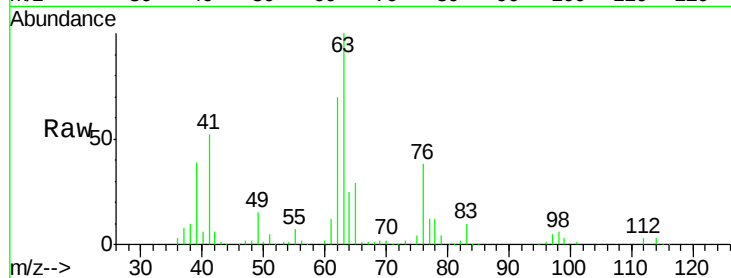
65 29.1 25.0 37.6

Manual Integrations

APPROVED

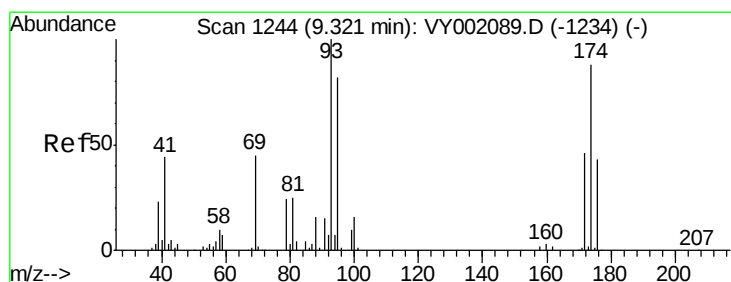
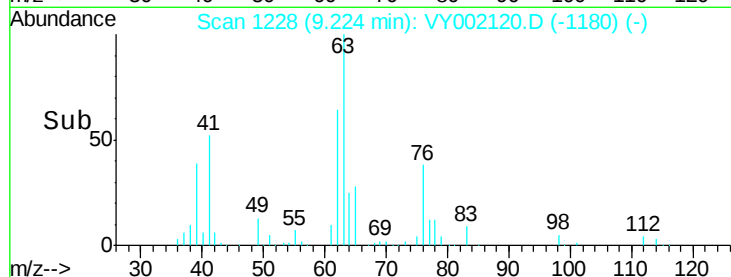
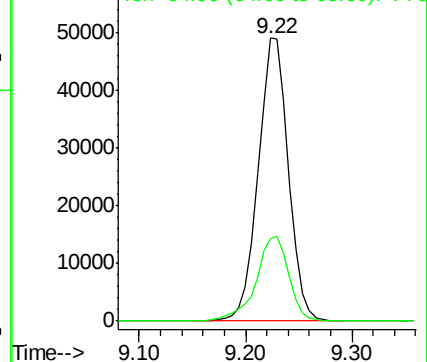
apatel

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Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 64.90 (64.60 to 65.60): VY0



#46

Dibromomethane

Concen: 50.403 ug/l

RT: 9.31 min Scan# 1243

Delta R.T. -0.01 min

Lab File: VY002120.D

Acq: 27 Mar 2020 20:43

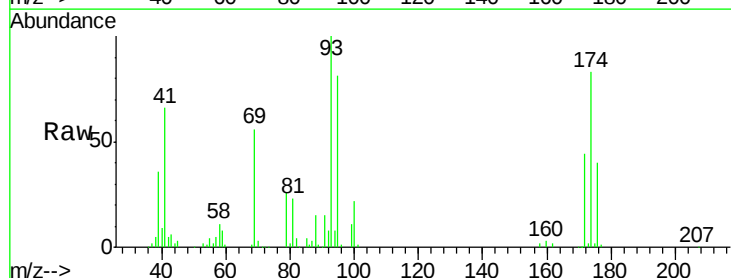
Tgt Ion: 93 Resp: 49684

Ion Ratio Lower Upper

93 100

95 81.8 66.0 99.0

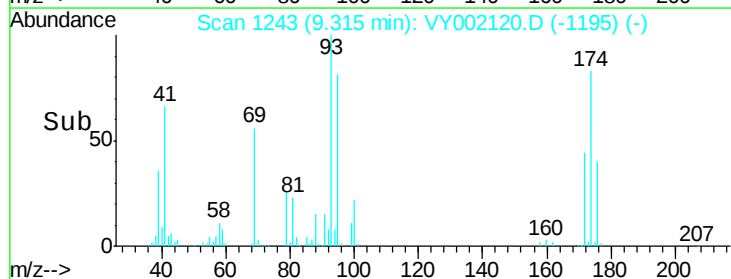
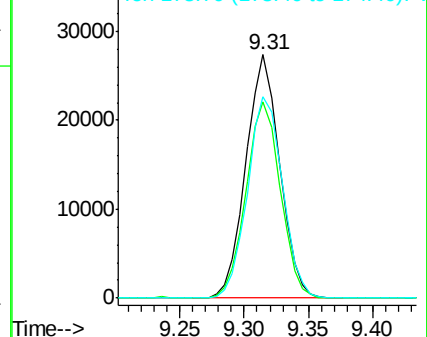
174 85.2 69.8 104.8

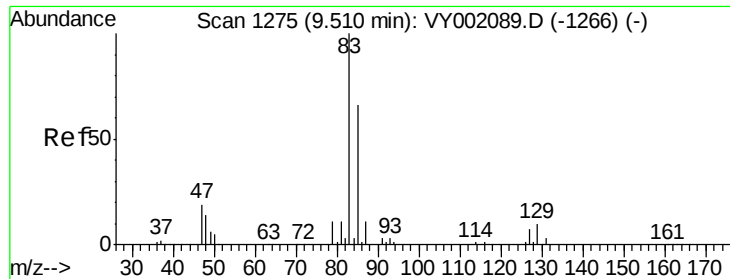


Abundance Ion 92.80 (92.50 to 93.50): VY0

Ion 94.80 (94.50 to 95.50): VY0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 51.940 ug/l

RT: 9.50 min Scan# 1274

Delta R.T. -0.01 min

Lab File: VY002120.D

Acq: 27 Mar 2020 20:43

Instrument :

MSVOA_Y

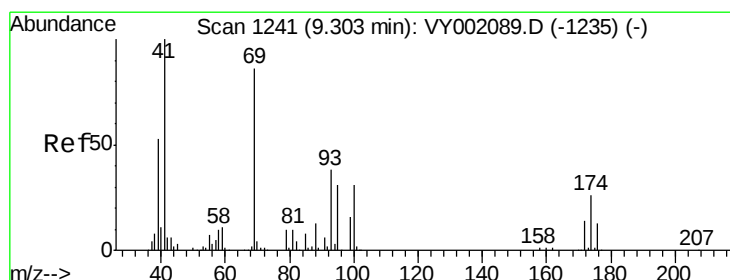
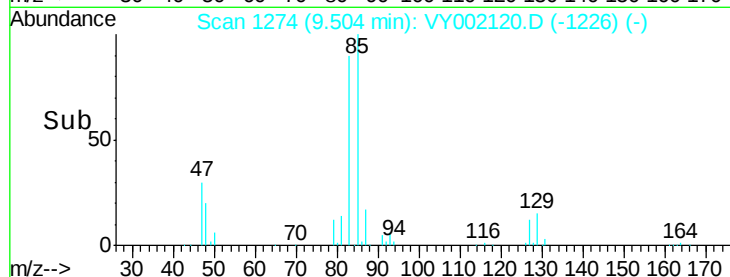
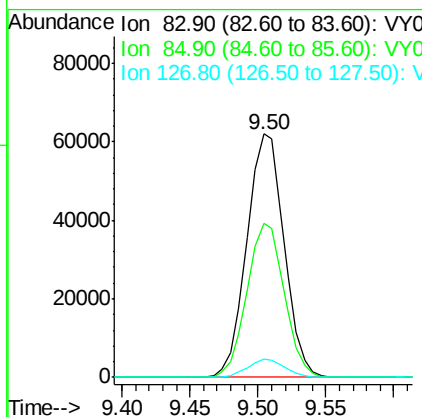
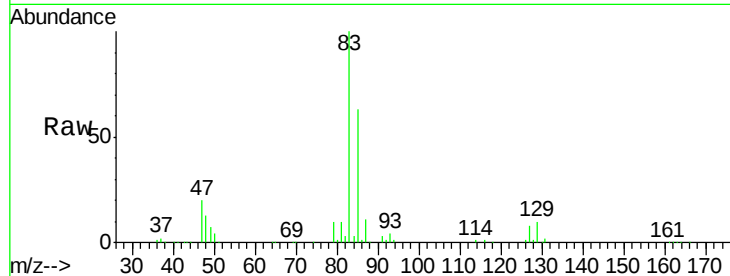
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	119189
Ion	Ratio	Lower	Upper
83	100		
85	63.1	52.6	79.0
127	7.6	5.9	8.9

Manual Integrations
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#48

Methyl methacrylate

Concen: 49.301 ug/l

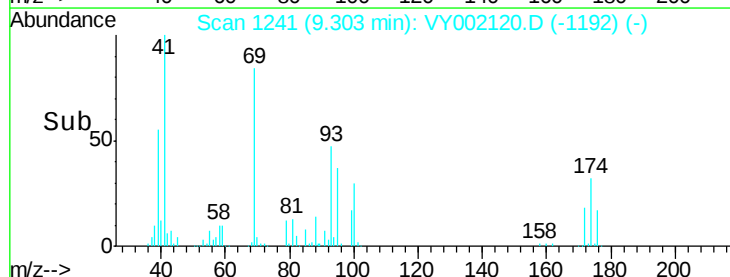
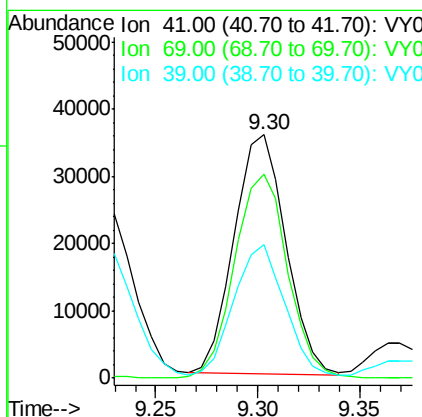
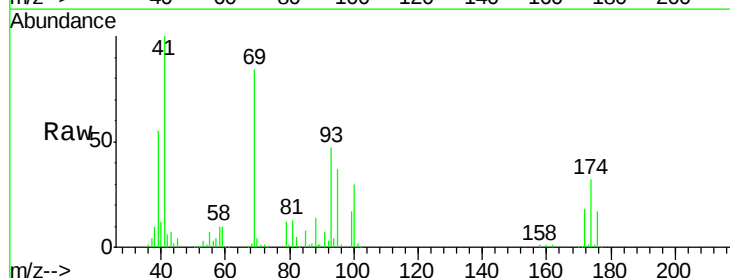
RT: 9.30 min Scan# 1241

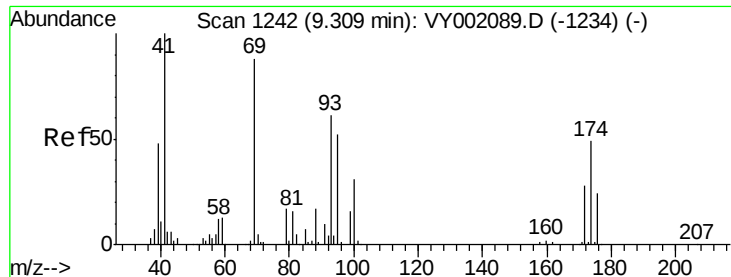
Delta R.T. 0.00 min

Lab File: VY002120.D

Acq: 27 Mar 2020 20:43

Tgt Ion:	41	Resp:	63063
Ion	Ratio	Lower	Upper
41	100		
69	86.7	71.4	107.0
39	55.9	41.0	61.4





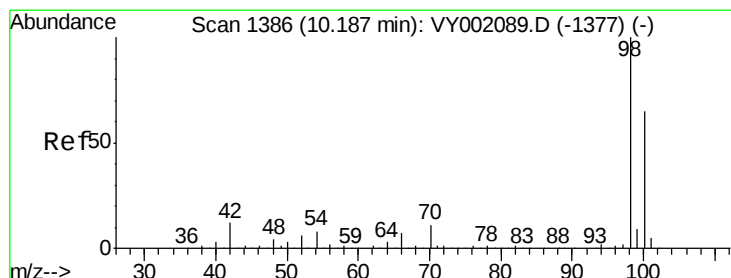
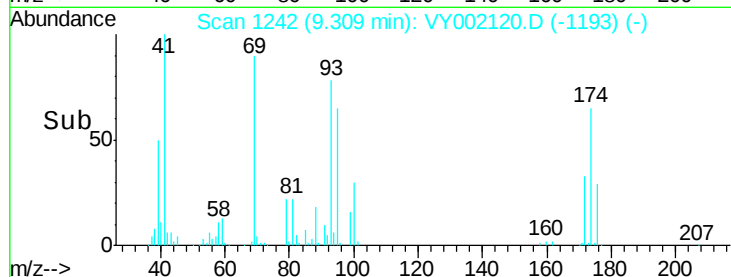
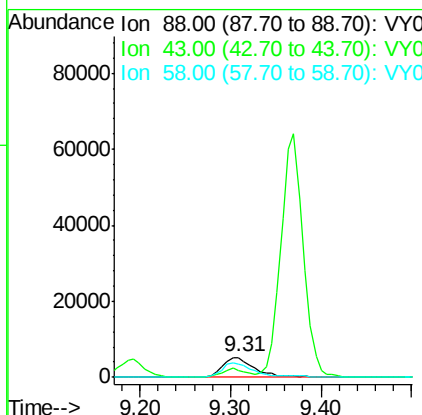
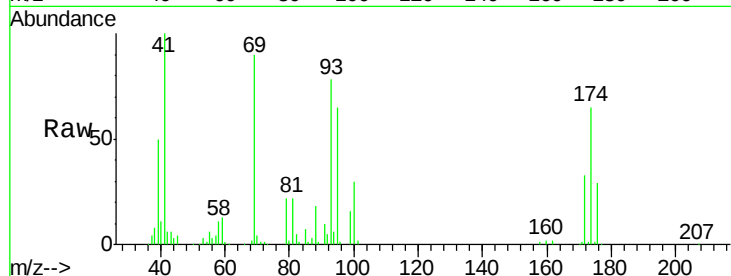
#49
1,4-Dioxane
Concen: 976.288 ug/l
RT: 9.31 min Scan# 1242
Delta R.T. 0.00 min
Lab File: VY002120.D
Acq: 27 Mar 2020 20:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	88	Resp	13206
Ion	Ratio	Lower	Upper
88	100		
43	31.8	27.2	40.8
58	67.2	59.8	89.8

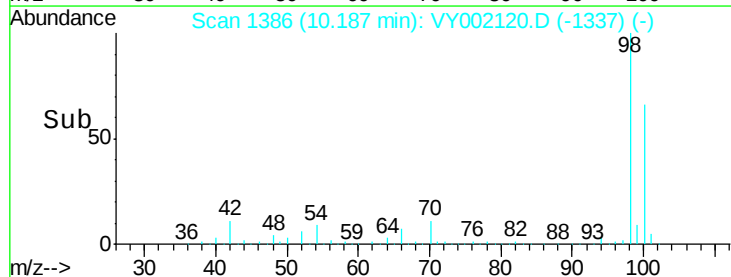
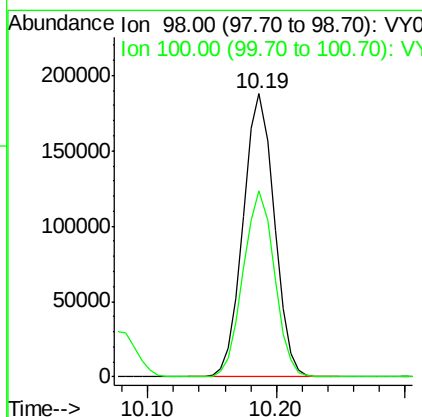
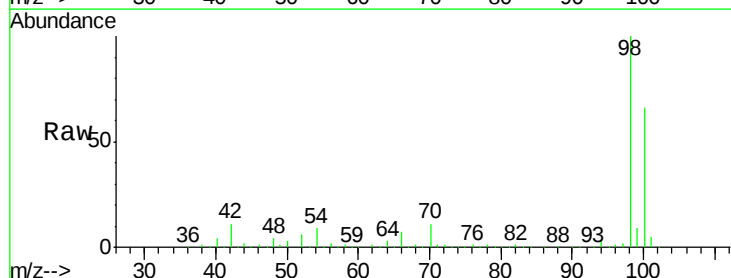
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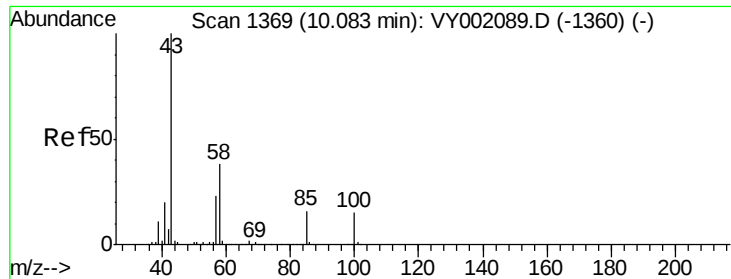
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#50
Toluene-d8
Concen: 50.083 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. 0.00 min
Lab File: VY002120.D
Acq: 27 Mar 2020 20:43

Tgt Ion	98	Resp	313658
Ion	Ratio	Lower	Upper
98	100		
100	65.6	51.6	77.4





#51

4-Methyl-2-Pentanone

Concen: 251.792 ug/l

RT: 10.08 min Scan# 1368

Delta R.T. -0.01 min

Lab File: VY002120.D

Acq: 27 Mar 2020 20:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 370082

Ion Ratio Lower Upper

43 100

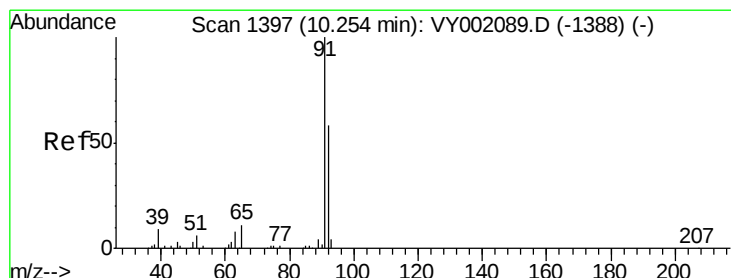
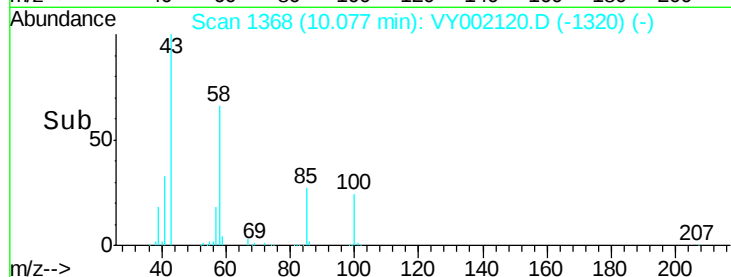
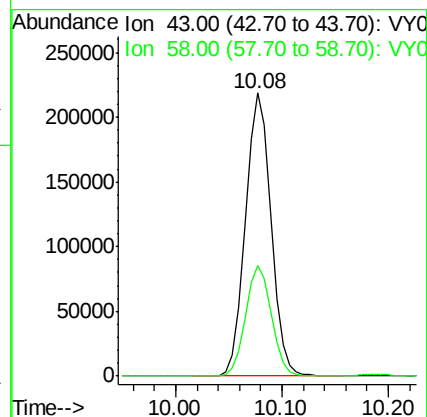
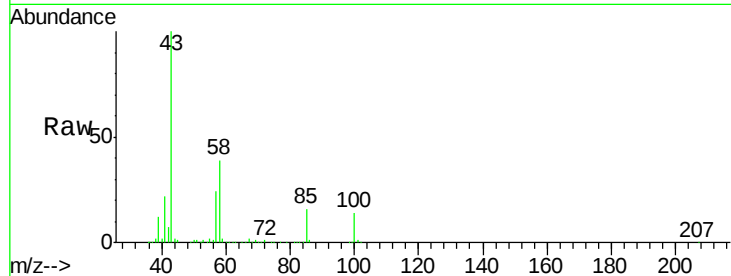
58 39.4 31.6 47.4

Manual Integrations

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#52

Toluene

Concen: 50.057 ug/l

RT: 10.25 min Scan# 1396

Delta R.T. -0.01 min

Lab File: VY002120.D

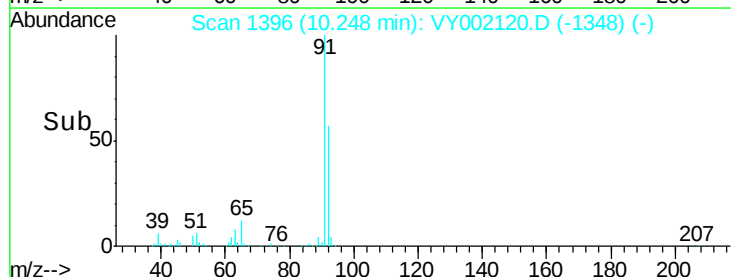
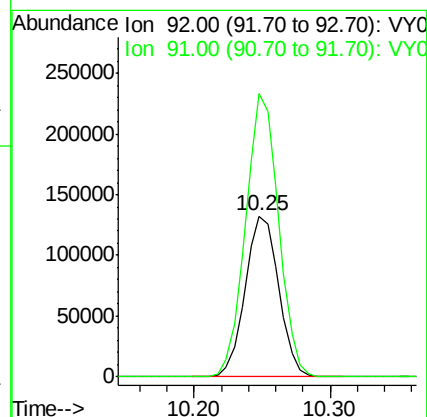
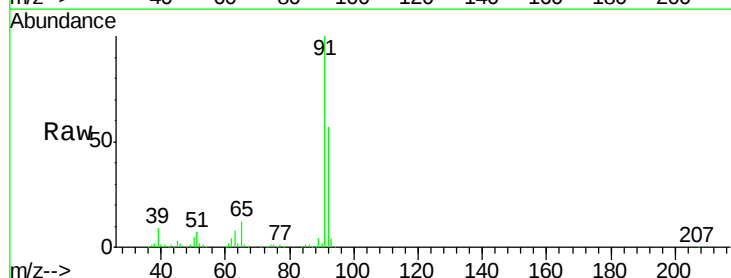
Acq: 27 Mar 2020 20:43

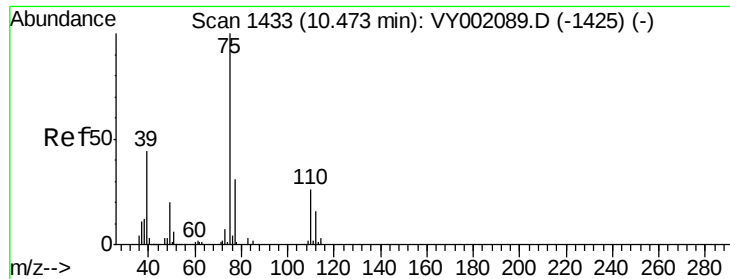
Tgt Ion: 92 Resp: 228230

Ion Ratio Lower Upper

92 100

91 173.3 139.3 208.9





#53

t-1,3-Dichloropropene

Concen: 50.945 ug/l

RT: 10.47 min Scan# 1433

Delta R.T. 0.00 min

Lab File: VY002120.D

Acq: 27 Mar 2020 20:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 129756

Ion Ratio Lower Upper

75 100

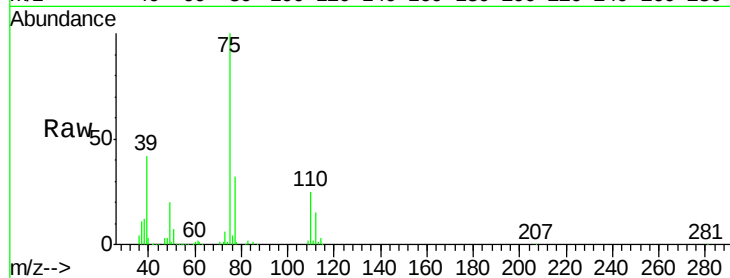
77 32.4 25.2 37.8

Manual Integrations

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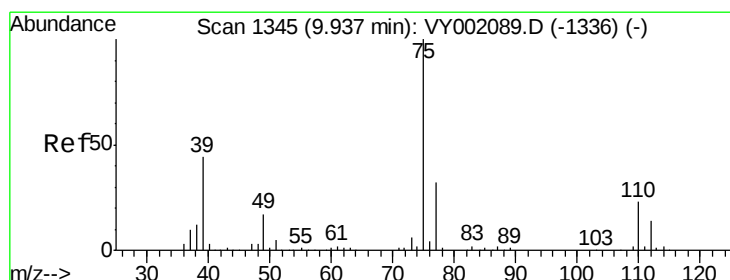
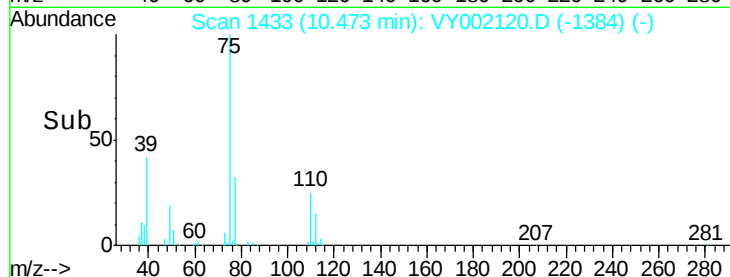
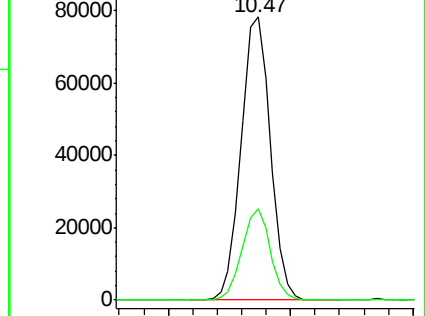
apatel

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Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0



#54

cis-1,3-Dichloropropene

Concen: 50.660 ug/l

RT: 9.94 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VY002120.D

Acq: 27 Mar 2020 20:43

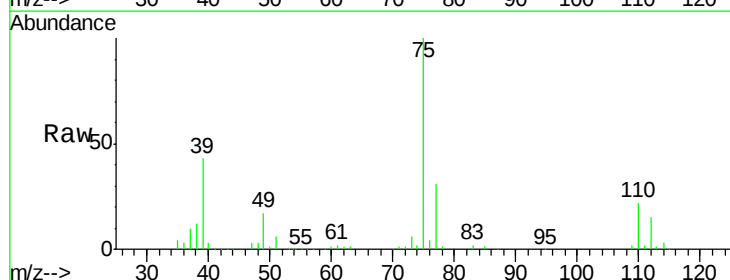
Tgt Ion: 75 Resp: 151917

Ion Ratio Lower Upper

75 100

77 31.5 25.6 38.4

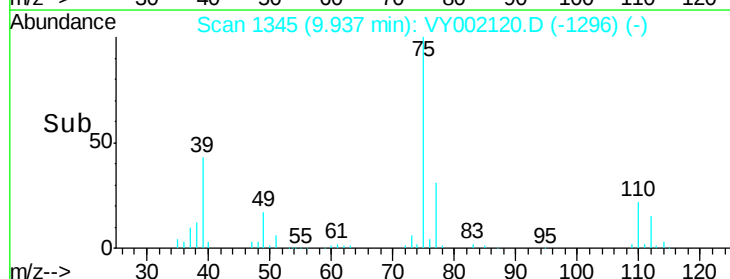
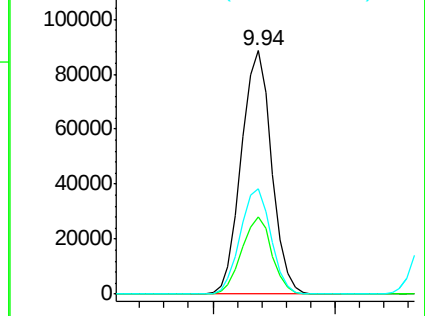
39 43.2 35.2 52.8

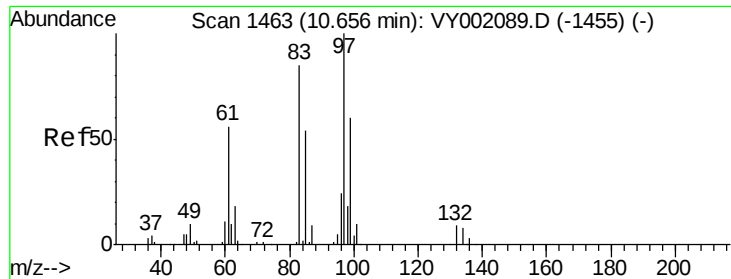


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0





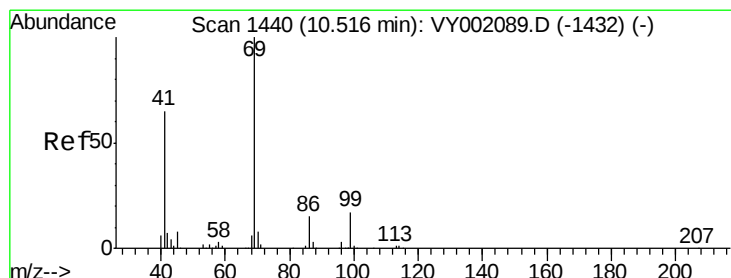
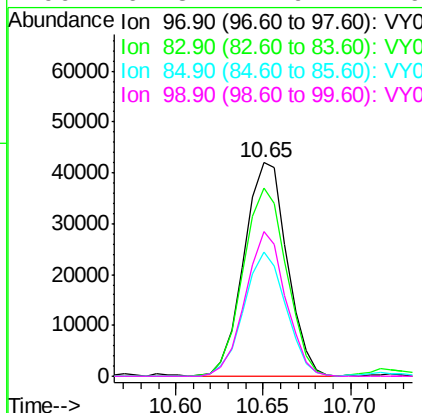
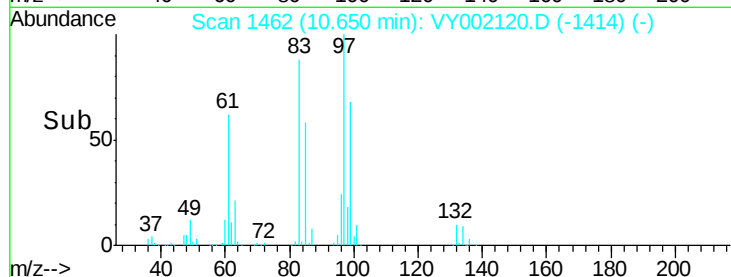
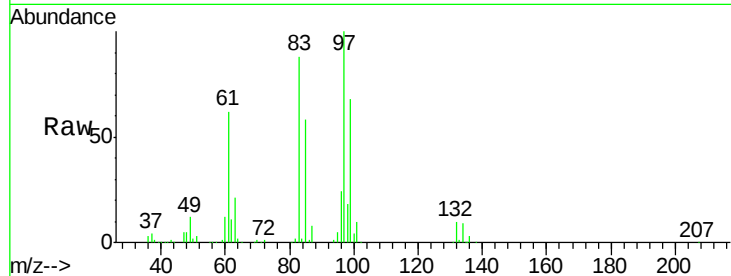
#55
 1,1,2-Trichloroethane
 Concen: 49.334 ug/l
 RT: 10.65 min Scan# 1462
 Delta R.T. -0.01 min
 Lab File: VY002120.D
 Acq: 27 Mar 2020 20:43

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		71975		
83	88.4	68.2	102.2		
85	58.5	42.9	64.3		
99	67.8	47.9	71.9		

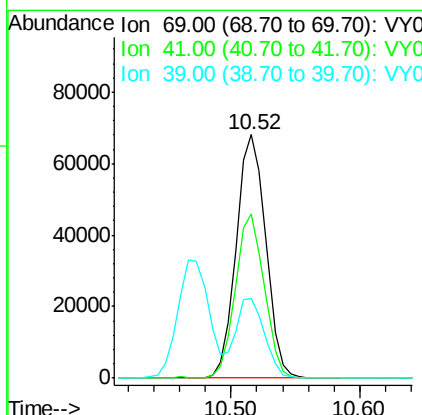
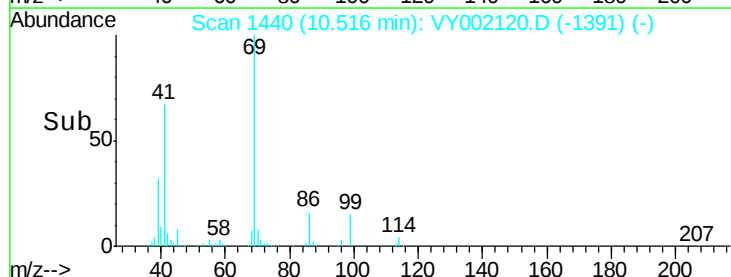
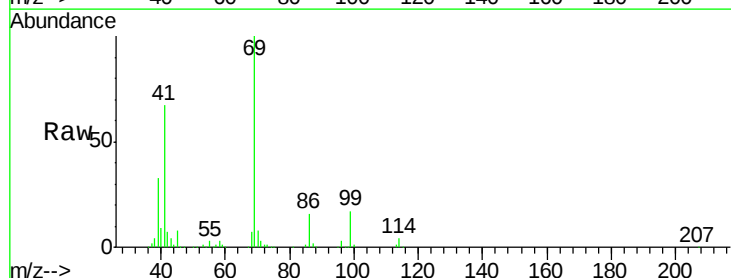
Manual Integrations
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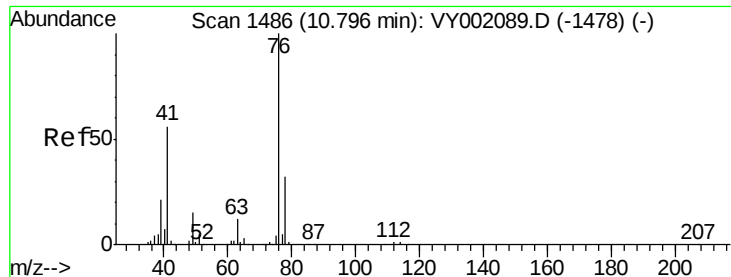
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#56
 Ethyl methacrylate
 Concen: 50.735 ug/l
 RT: 10.52 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: VY002120.D
 Acq: 27 Mar 2020 20:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		108110		
41	66.1	52.8	79.2		
39	32.6	25.0	37.6		





#57

1,3-Dichloropropane

Concen: 50.375 ug/l

RT: 10.80 min Scan# 1486

Delta R.T. 0.00 min

Lab File: VY002120.D

Acq: 27 Mar 2020 20:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 129850

Ion Ratio Lower Upper

76 100

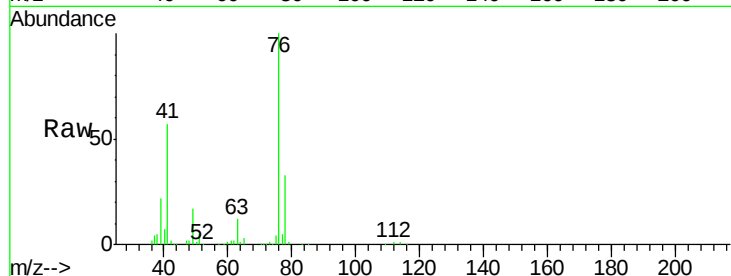
78 32.1 26.1 39.1

Manual Integrations

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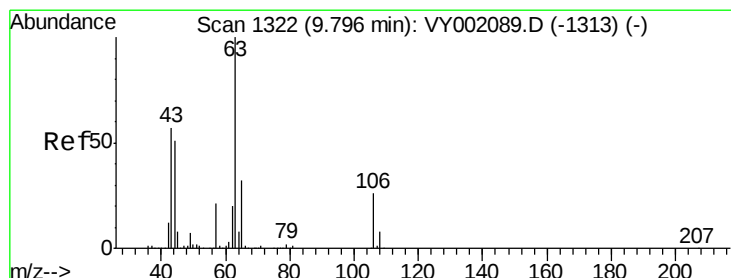
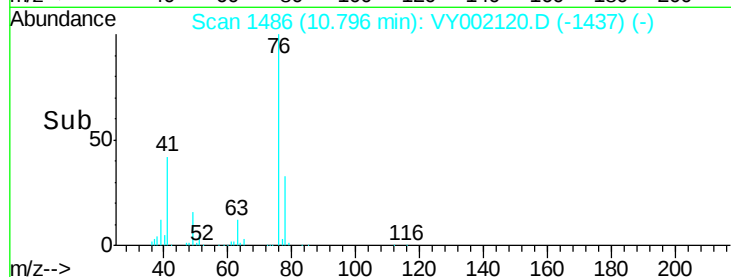
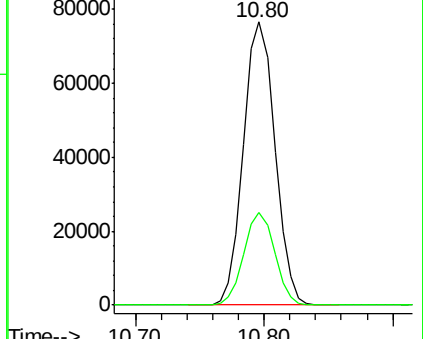
apatel

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Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#58

2-Chloroethyl Vinyl ether

Concen: 250.278 ug/l

RT: 9.79 min Scan# 1321

Delta R.T. -0.01 min

Lab File: VY002120.D

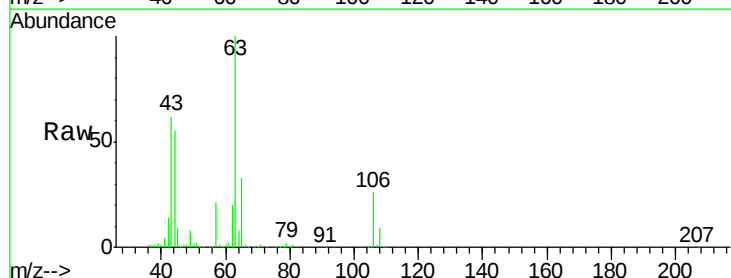
Acq: 27 Mar 2020 20:43

Tgt Ion: 63 Resp: 274039

Ion Ratio Lower Upper

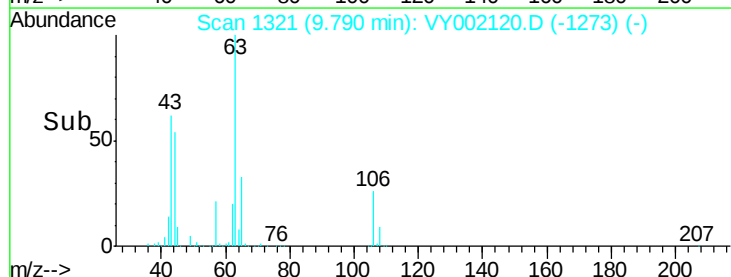
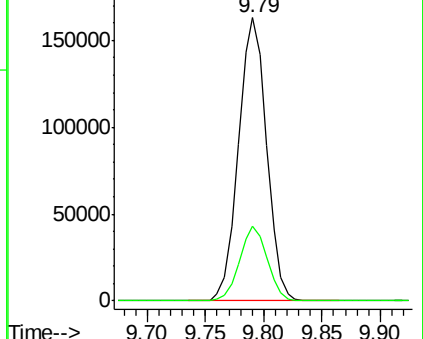
63 100

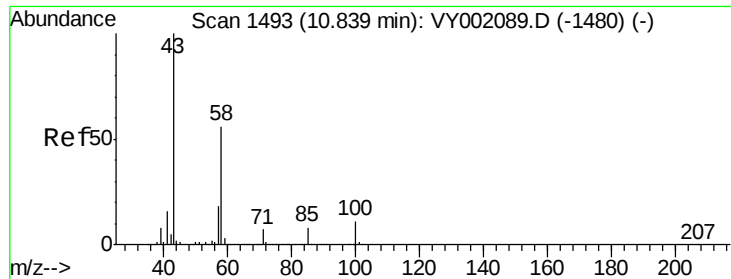
106 26.1 21.0 31.4



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V





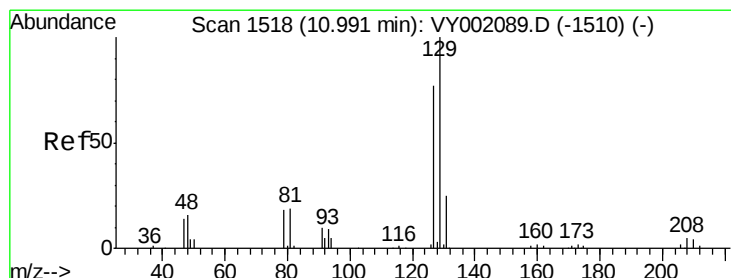
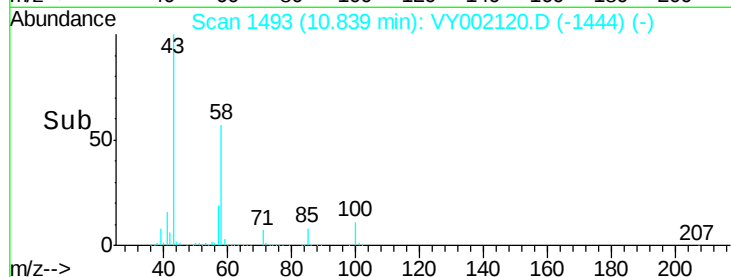
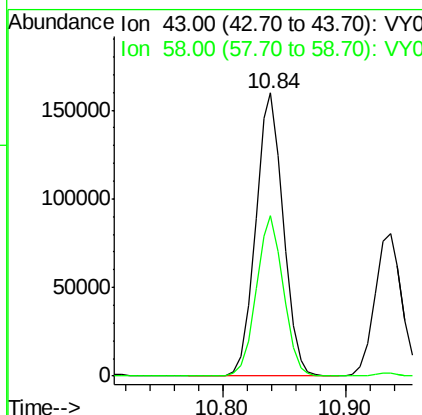
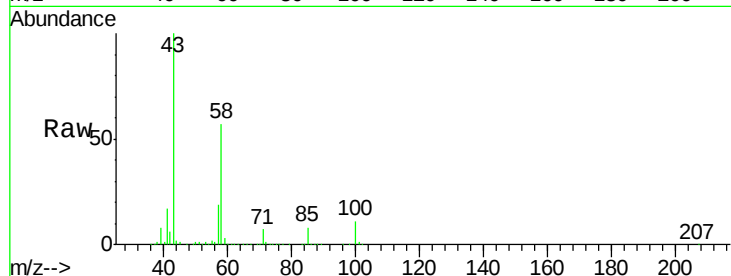
#59
2-Hexanone
Concen: 242.080 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. 0.00 min
Lab File: VY002120.D
Acq: 27 Mar 2020 20:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 250637
Ion Ratio Lower Upper
43 100
58 55.6 27.9 83.6

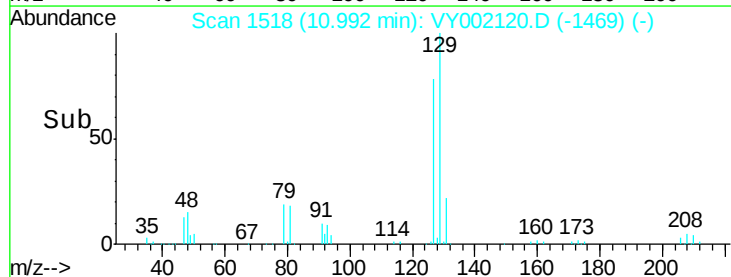
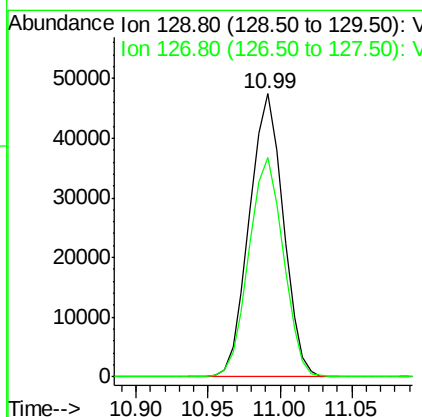
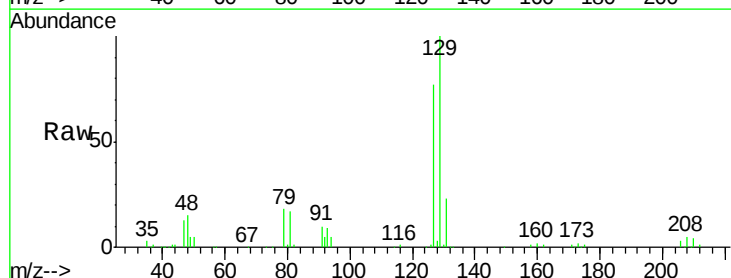
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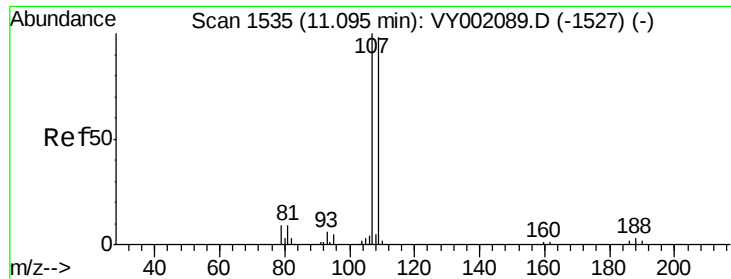
apatel
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#60
Dibromochloromethane
Concen: 50.731 ug/l
RT: 10.99 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VY002120.D
Acq: 27 Mar 2020 20:43

Tgt Ion: 129 Resp: 77448
Ion Ratio Lower Upper
129 100
127 78.6 38.7 116.1





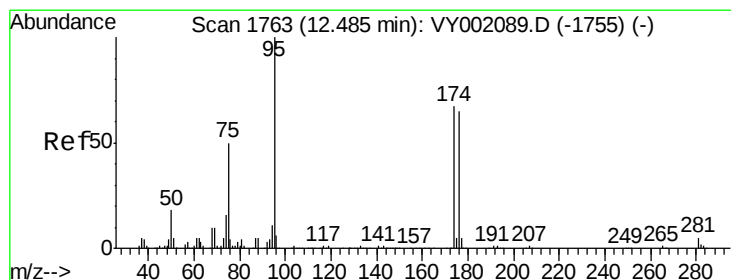
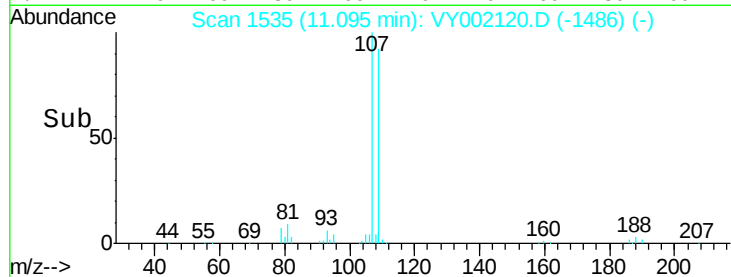
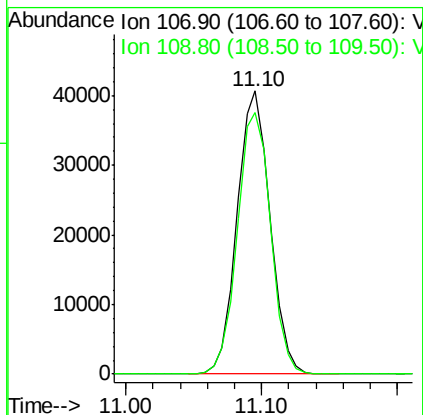
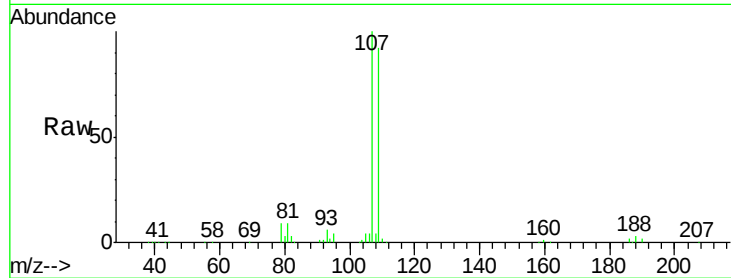
#61
 1,2-Dibromoethane
 Concen: 50.227 ug/l
 RT: 11.10 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VY002120.D
 Acq: 27 Mar 2020 20:43

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.4	76.3	114.5

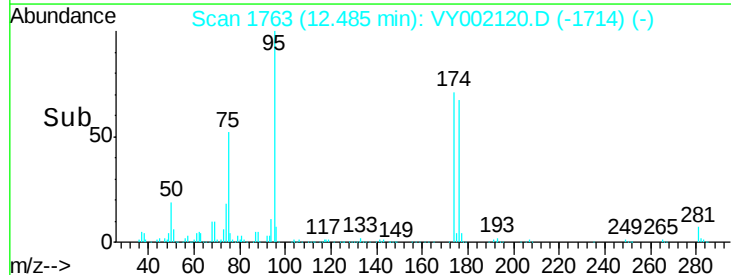
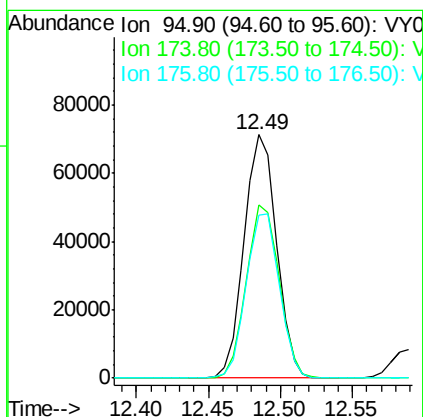
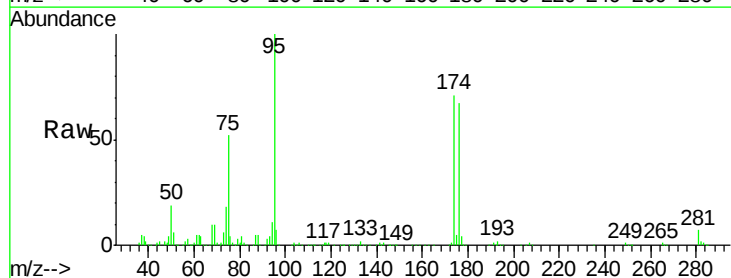
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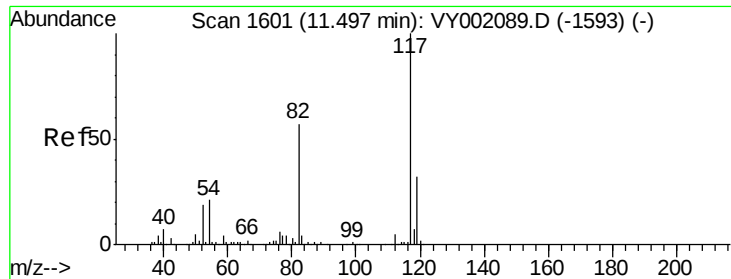
apatel
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#62
 4-Bromofluorobenzene
 Concen: 50.787 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. 0.00 min
 Lab File: VY002120.D
 Acq: 27 Mar 2020 20:43

Tgt Ion	Ratio	Lower	Upper
95	100		
174	71.7	0.0	143.4
176	68.8	0.0	137.0





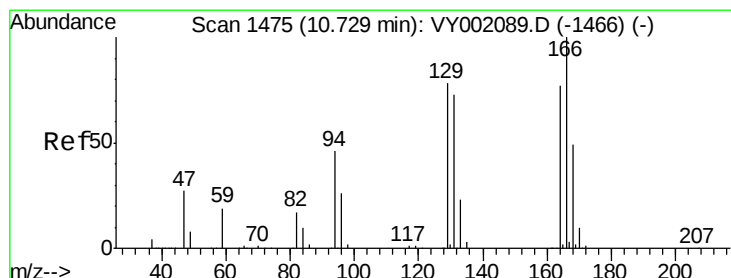
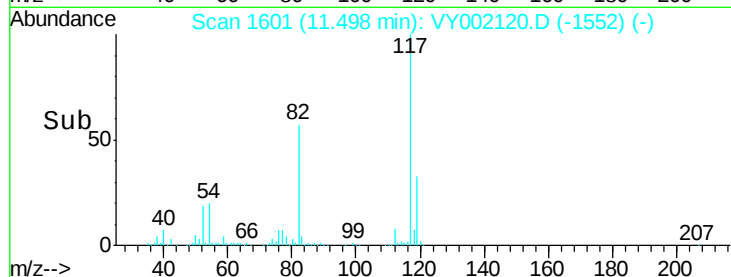
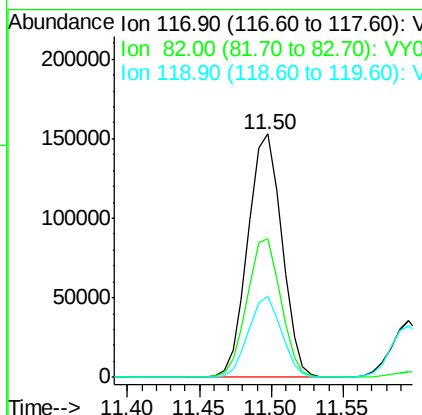
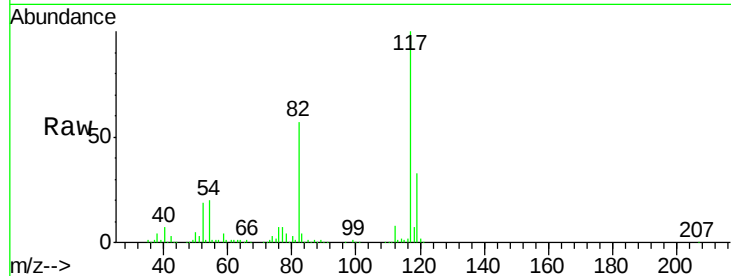
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VY002120.D
Acq: 27 Mar 2020 20:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	250317		
82	57.0		45.4	68.2
119	33.5		25.3	37.9

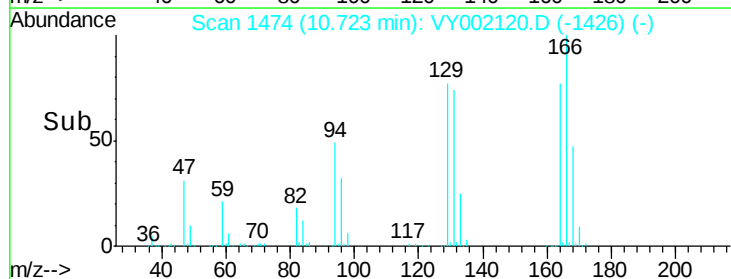
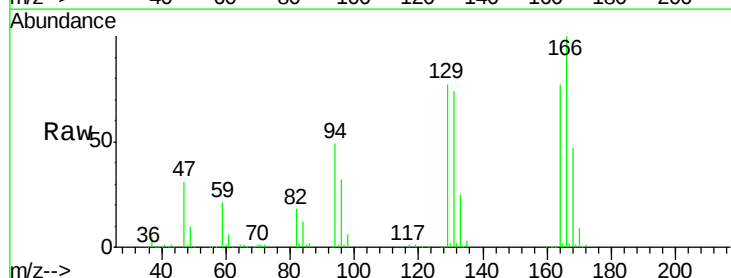
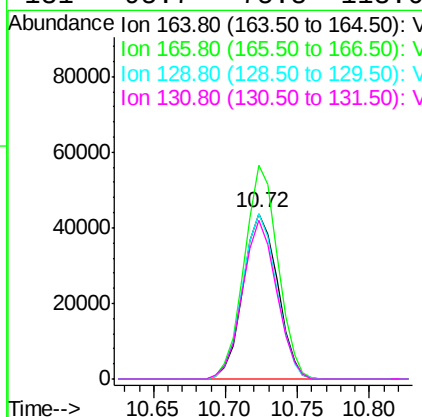
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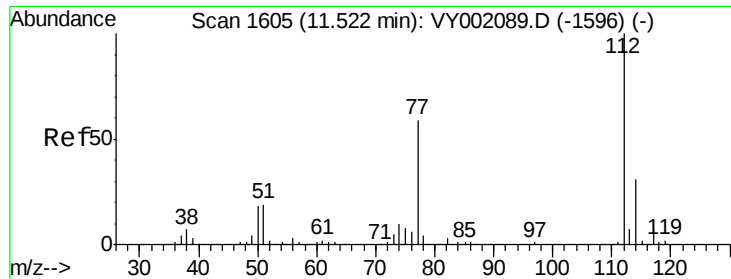
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#64
Tetrachloroethene
Concen: 47.131 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. -0.01 min
Lab File: VY002120.D
Acq: 27 Mar 2020 20:43

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	72181		
166	129.1		104.0	156.0
129	99.8		81.2	121.8
131	95.7		75.8	113.6





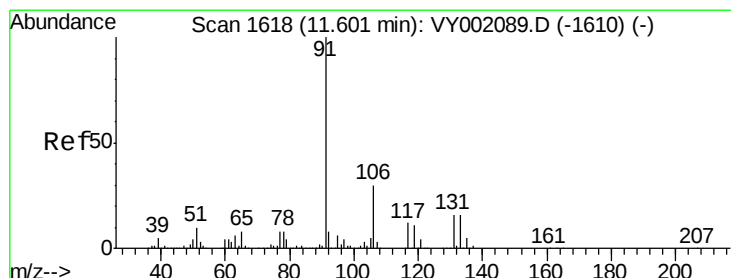
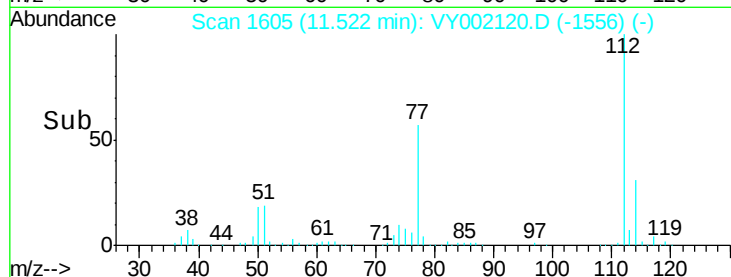
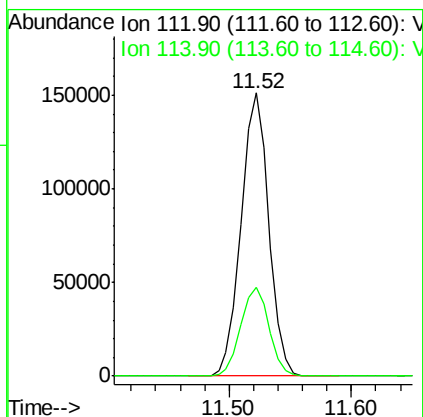
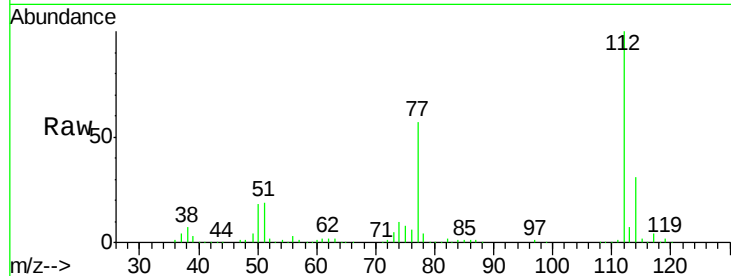
#65
Chlorobenzene
Concen: 48.907 ug/l
RT: 11.52 min Scan# 1605
Delta R.T. 0.00 min
Lab File: VY002120.D
Acq: 27 Mar 2020 20:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.3	24.9	37.3

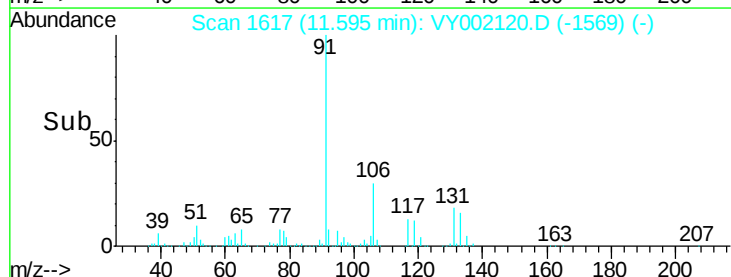
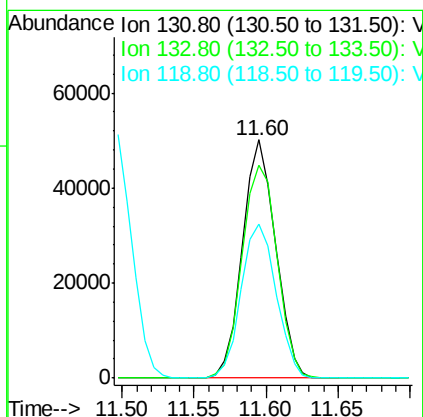
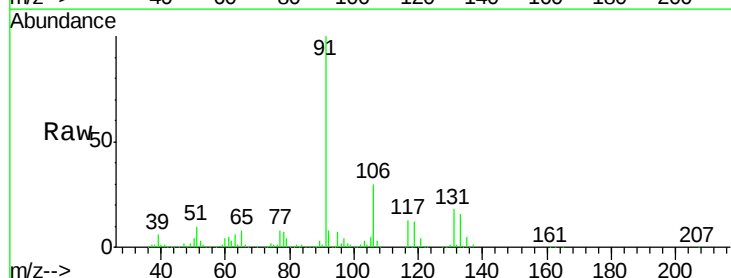
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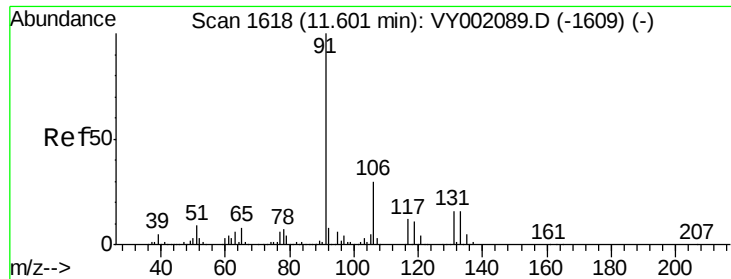
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#66
1,1,1,2-Tetrachloroethane
Concen: 49.428 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. -0.01 min
Lab File: VY002120.D
Acq: 27 Mar 2020 20:43

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.6	47.5	142.5
119	68.4	34.6	103.9





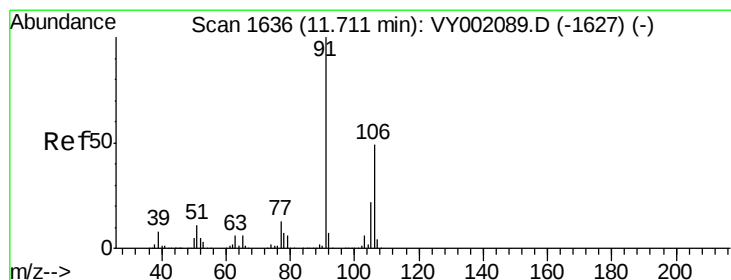
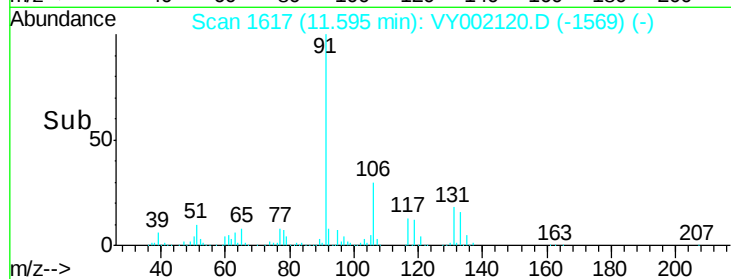
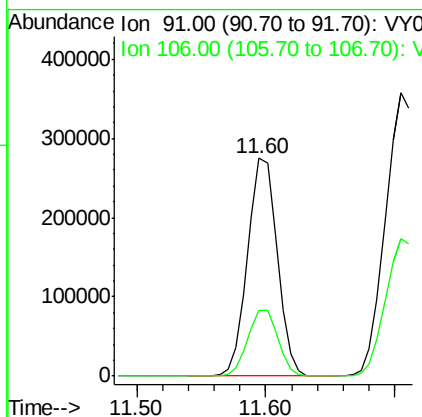
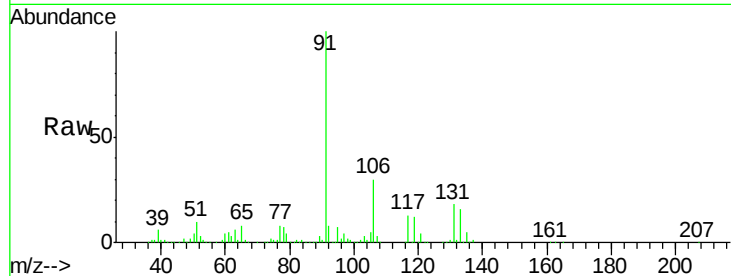
#67
Ethyl Benzene
Concen: 48.537 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. -0.01 min
Lab File: VY002120.D
Acq: 27 Mar 2020 20:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 435584
Ion Ratio Lower Upper
91 100
106 30.1 24.1 36.1

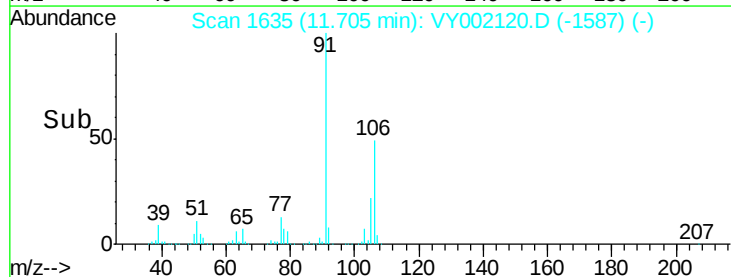
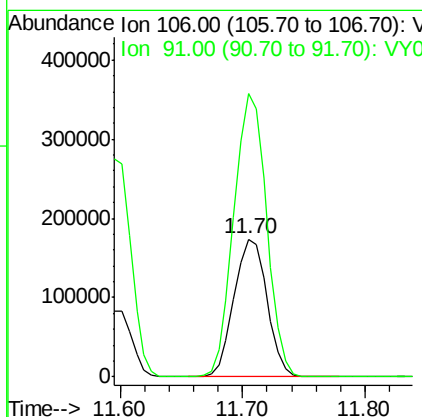
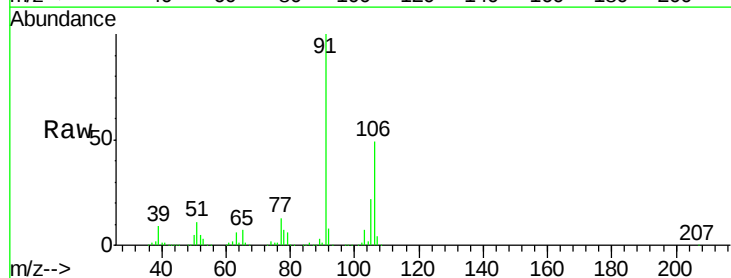
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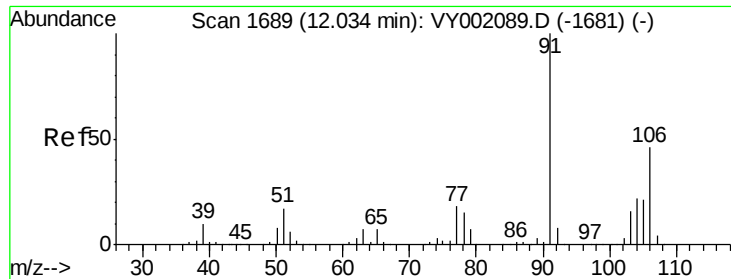
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#68
m/p-Xylenes
Concen: 97.681 ug/l
RT: 11.70 min Scan# 1635
Delta R.T. -0.01 min
Lab File: VY002120.D
Acq: 27 Mar 2020 20:43

Tgt Ion: 106 Resp: 324115
Ion Ratio Lower Upper
106 100
91 204.5 162.8 244.2





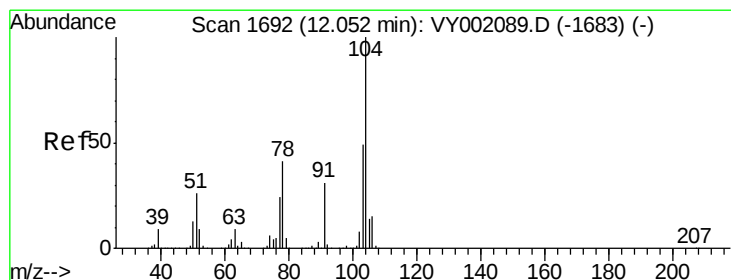
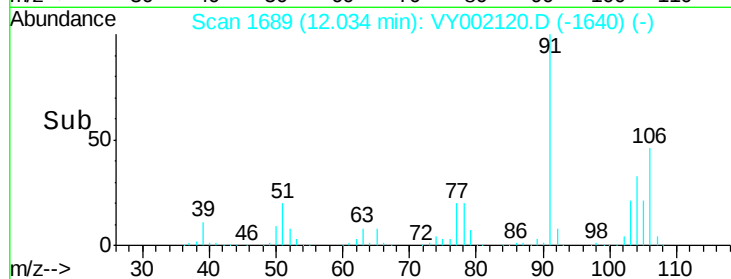
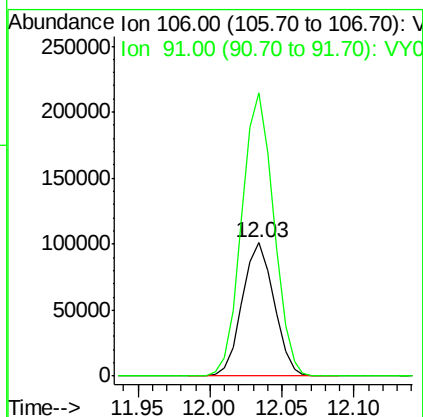
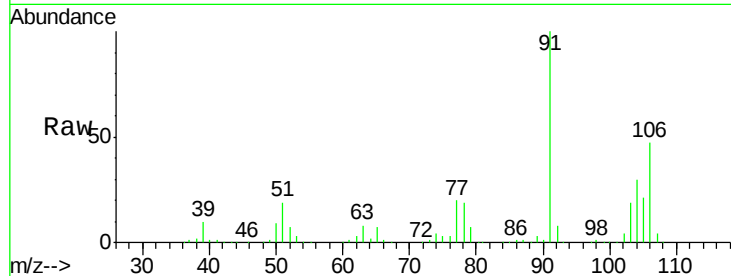
#69
o-Xylene
Concen: 49.130 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VY002120.D
Acq: 27 Mar 2020 20:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 154639
Ion Ratio Lower Upper
106 100
91 213.6 107.3 321.8

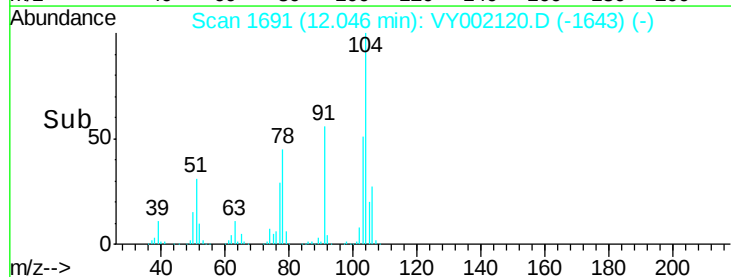
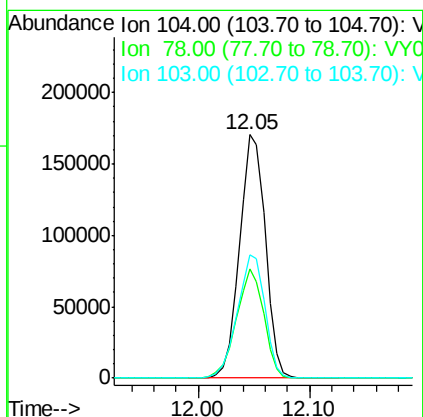
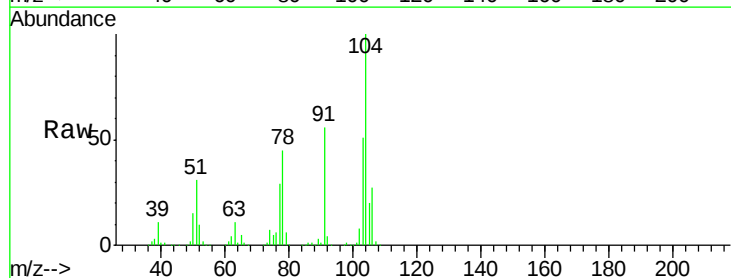
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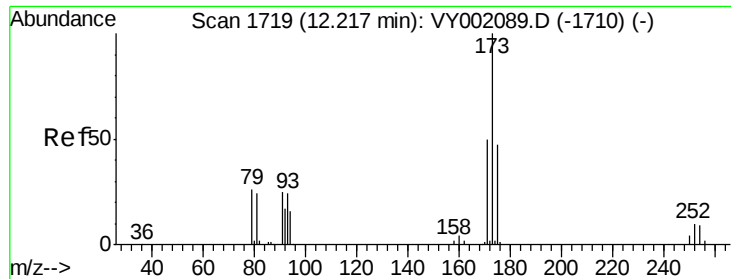
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#70
Styrene
Concen: 50.214 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. -0.01 min
Lab File: VY002120.D
Acq: 27 Mar 2020 20:43

Tgt Ion:104 Resp: 273873
Ion Ratio Lower Upper
104 100
78 47.5 37.9 56.9
103 54.1 43.2 64.8





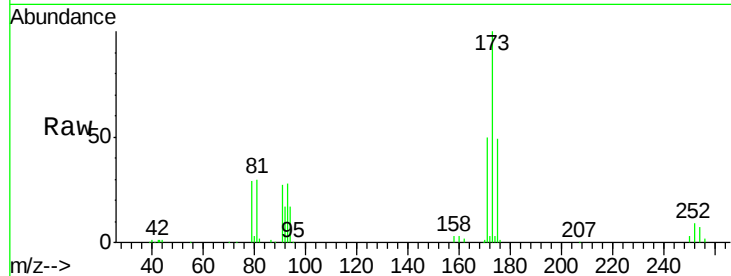
#71
Bromoform
Concen: 48.777 ug/l
RT: 12.21 min Scan# 1718
Delta R.T. -0.01 min
Lab File: VY002120.D
Acq: 27 Mar 2020 20:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

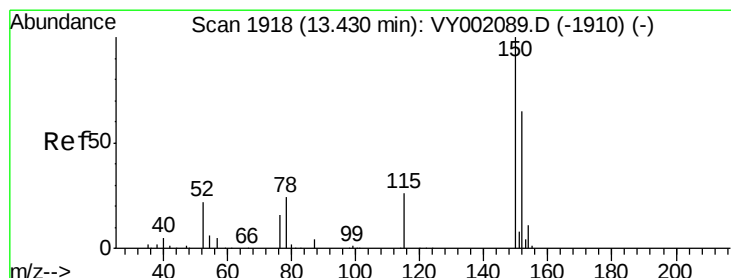
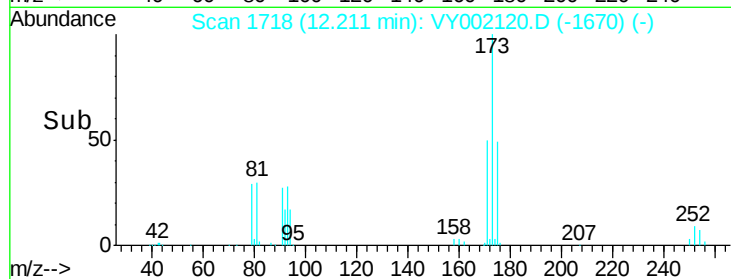
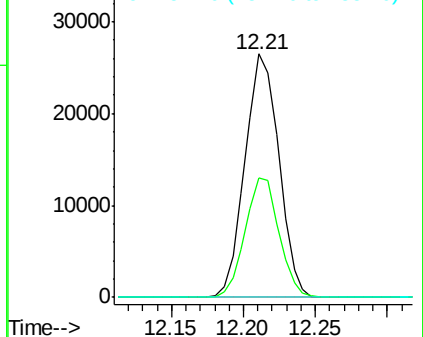
Tot Ion	Ratio	Lower	Upper
173	100		
175	48.9	23.9	71.8
254	0.0	0.0	0.0

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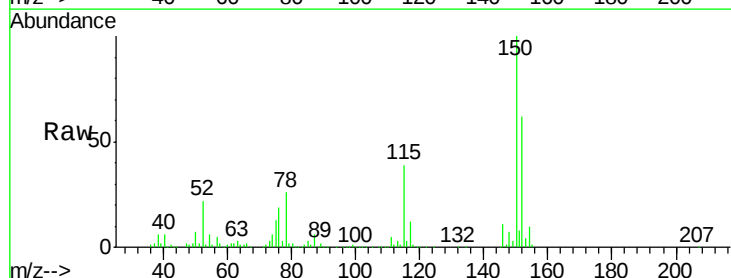


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

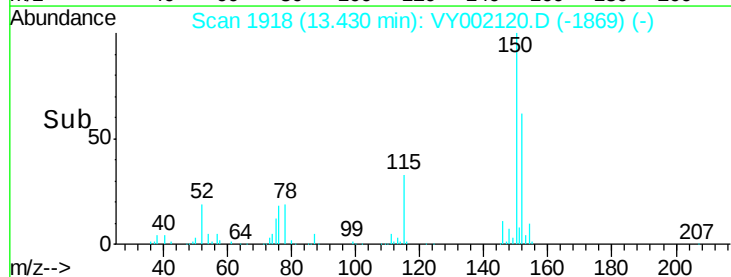
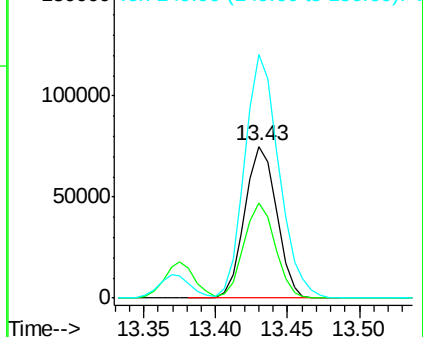


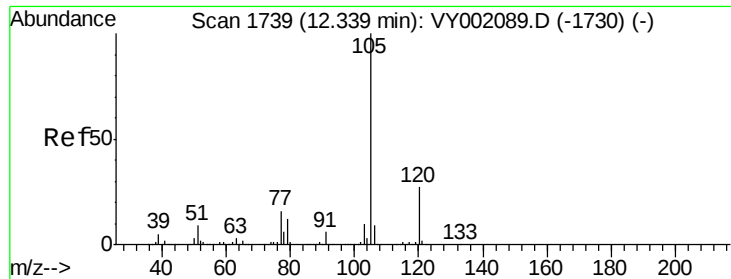
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. 0.00 min
Lab File: VY002120.D
Acq: 27 Mar 2020 20:43

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.2	31.2	93.6
150	172.7	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: 48.603 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. -0.01 min

Lab File: VY002120.D

Acq: 27 Mar 2020 20:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 415330

Ion Ratio Lower Upper

105 100

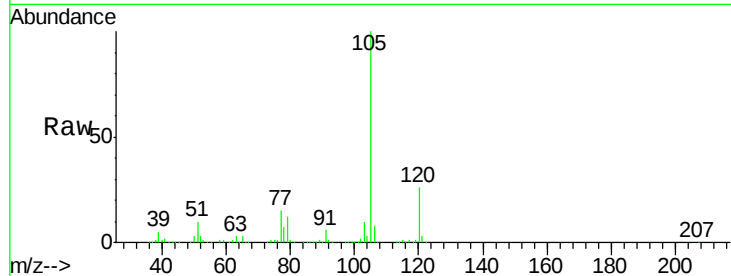
120 26.3 13.3 39.8

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.33

300000

250000

200000

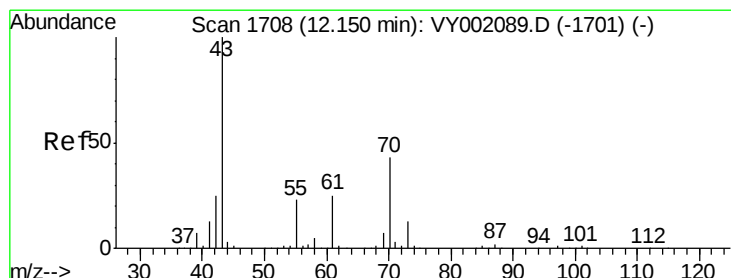
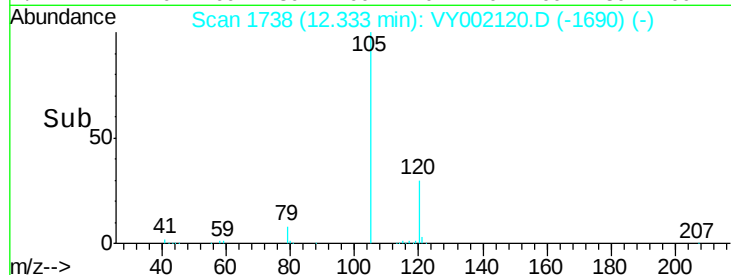
150000

100000

50000

0

Time-->



#74

N-ethyl acetate

Concen: 48.918 ug/l

RT: 12.15 min Scan# 1708

Delta R.T. 0.00 min

Lab File: VY002120.D

Acq: 27 Mar 2020 20:43

Tgt Ion: 43 Resp: 131843

Ion Ratio Lower Upper

43 100

70 42.3 35.0 52.4

55 23.2 18.7 28.1

61 24.9 20.2 30.2

Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

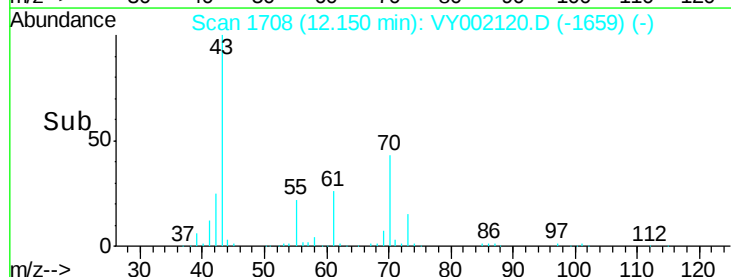
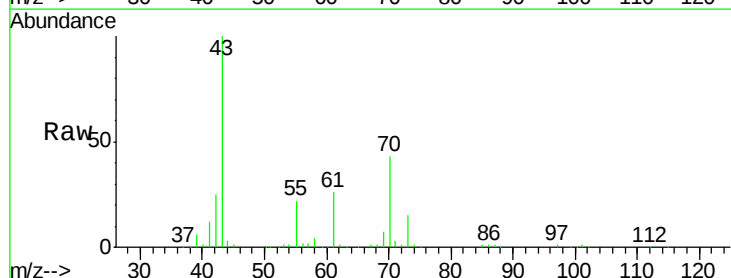
Ion 61.00 (60.70 to 61.70): VY0

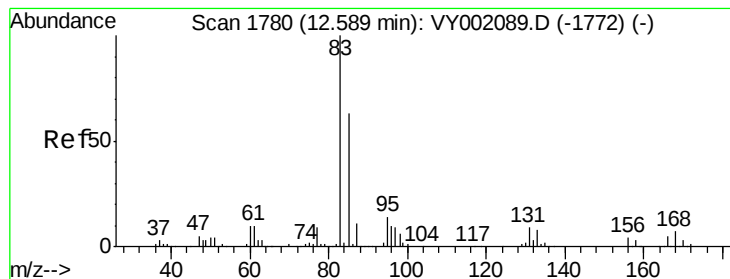
100000

50000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 48.401 ug/l

RT: 12.59 min Scan# 1780

Delta R.T. 0.00 min

Lab File: VY002120.D

Acq: 27 Mar 2020 20:43

Instrument :

MSVOA_Y

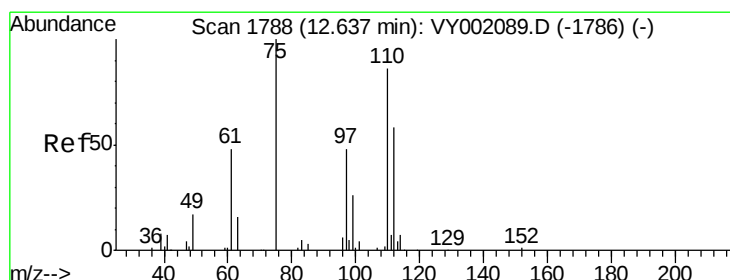
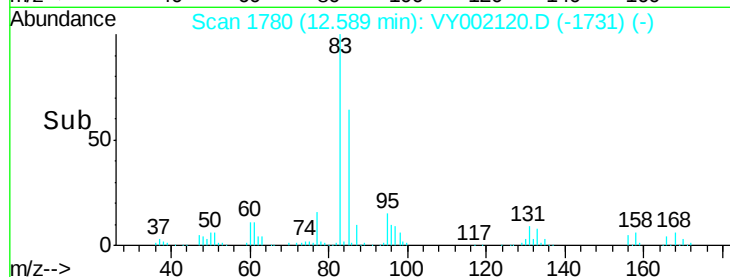
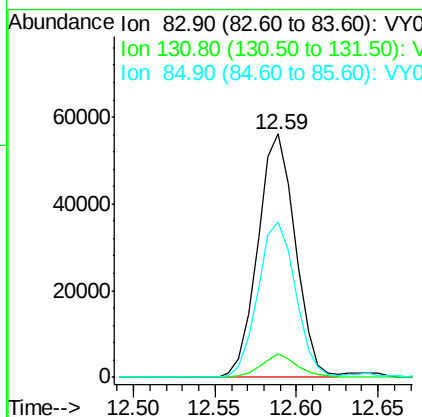
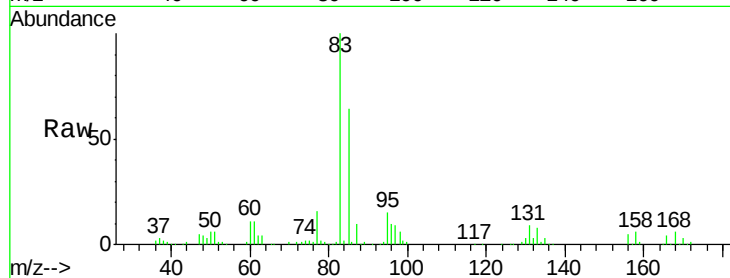
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	89002
Ion Ratio	Lower	Upper	
83	100		
131	9.2	4.7	14.1
85	64.5	32.4	97.0

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#76

1,2,3-Trichloropropane

Concen: 47.919 ug/l m

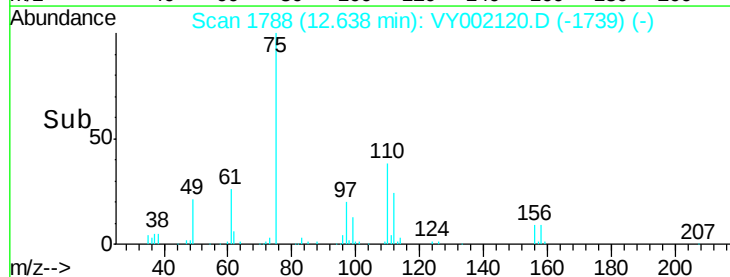
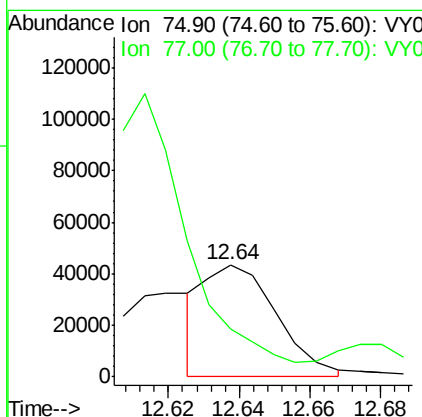
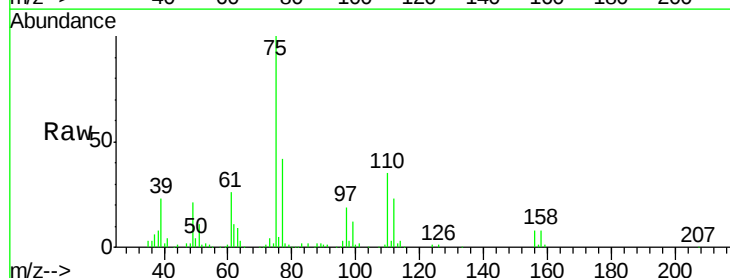
RT: 12.64 min Scan# 1788

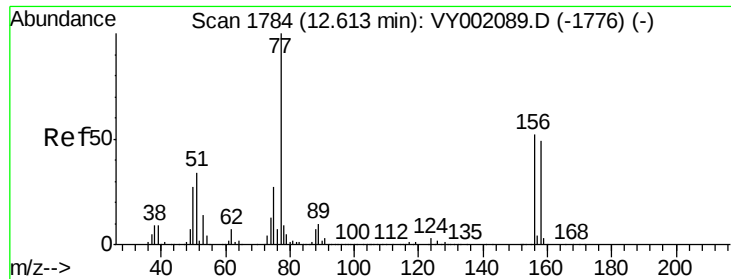
Delta R.T. 0.00 min

Lab File: VY002120.D

Acq: 27 Mar 2020 20:43

Tgt Ion:	75	Resp:	61748
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 49.053 ug/l

RT: 12.61 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VY002120.D

Acq: 27 Mar 2020 20:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion:156 Resp: 89483

Ion Ratio Lower Upper

156 100

77 212.9 107.8 323.6

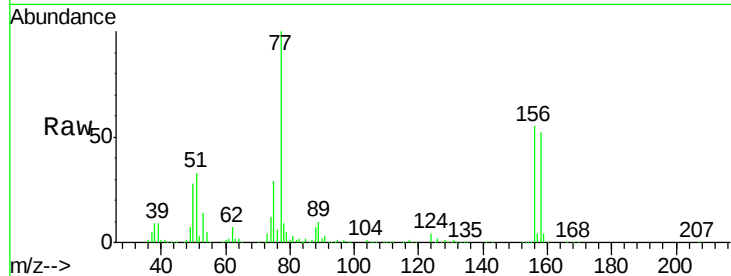
158 97.7 47.5 142.6

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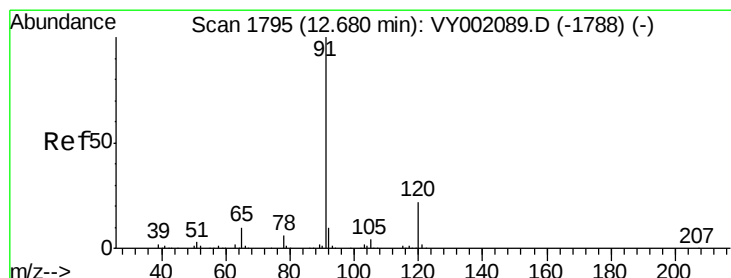
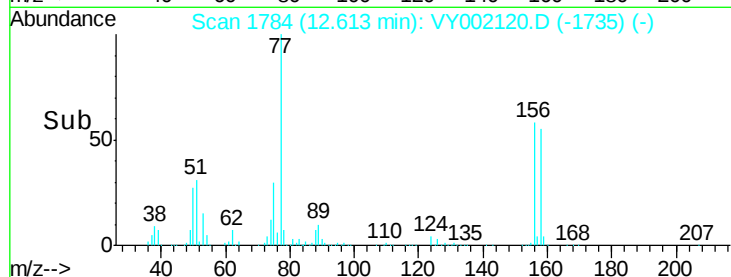
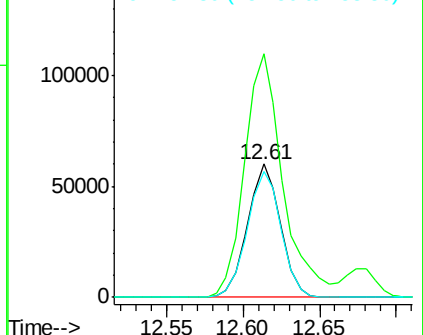
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 48.348 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. -0.01 min

Lab File: VY002120.D

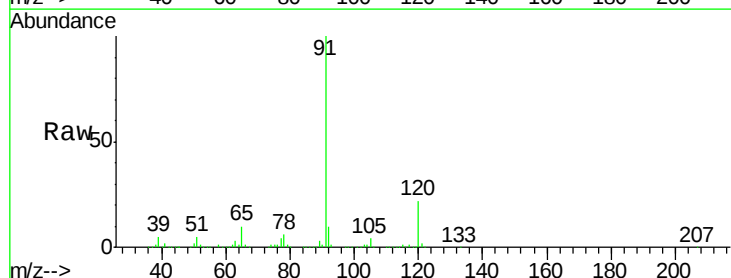
Acq: 27 Mar 2020 20:43

Tgt Ion: 91 Resp: 512713

Ion Ratio Lower Upper

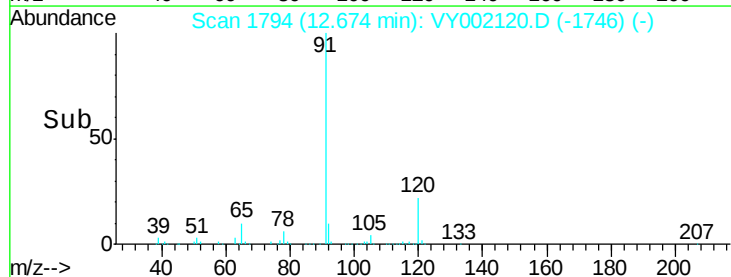
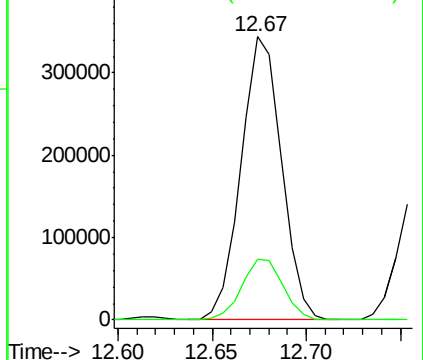
91 100

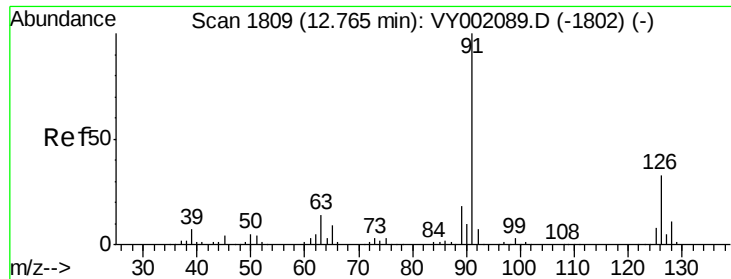
120 21.8 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





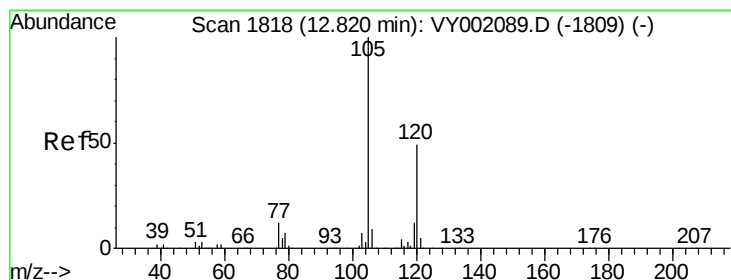
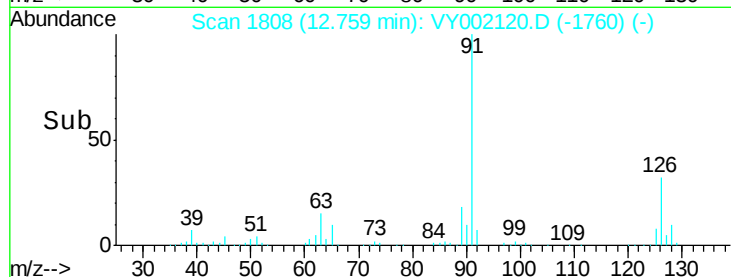
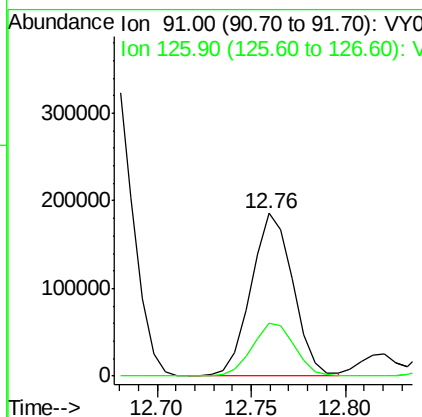
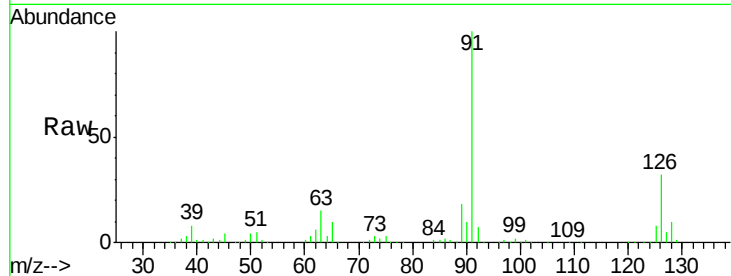
#79
 2-Chlorotoluene
 Concen: 49.141 ug/l
 RT: 12.76 min Scan# 1808
 Delta R.T. -0.01 min
 Lab File: VY002120.D
 Acq: 27 Mar 2020 20:43

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 91 Resp: 286123
 Ion Ratio Lower Upper
 91 100
 126 32.9 16.4 49.1

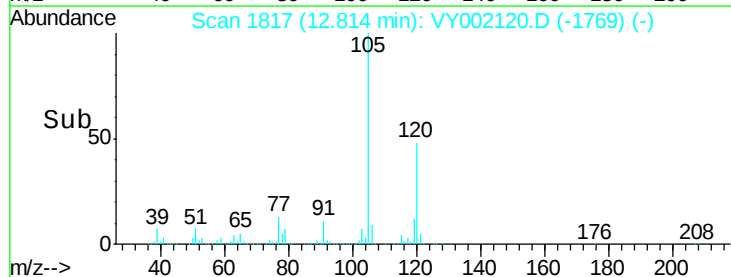
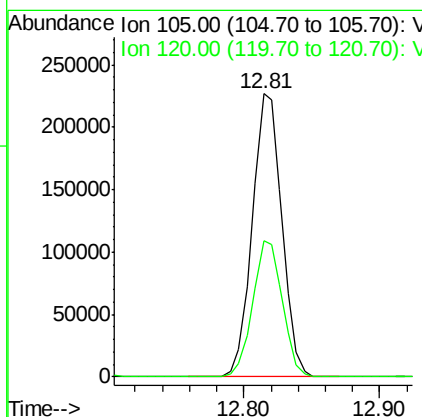
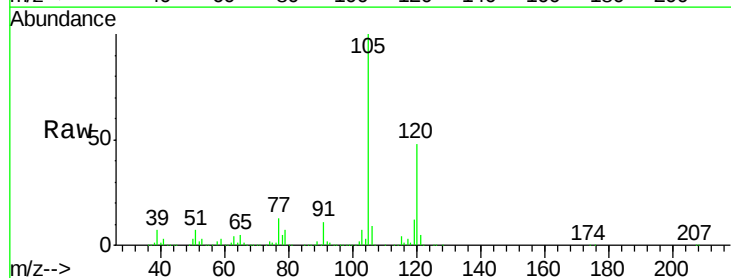
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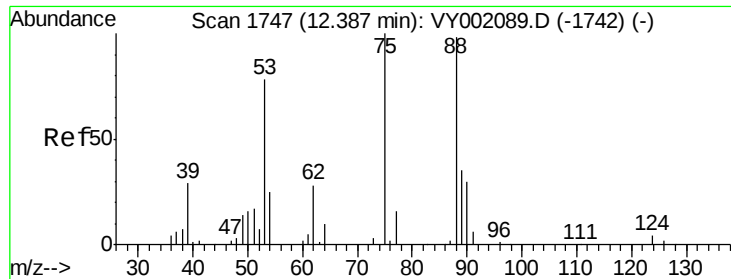
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#80
 1,3,5-Trimethylbenzene
 Concen: 49.122 ug/l
 RT: 12.81 min Scan# 1817
 Delta R.T. -0.01 min
 Lab File: VY002120.D
 Acq: 27 Mar 2020 20:43

Tgt Ion: 105 Resp: 346322
 Ion Ratio Lower Upper
 105 100
 120 48.1 24.1 72.4





#81

trans-1,4-Dichloro-2-butene

Concen: 47.947 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. -0.01 min

Lab File: VY002120.D

Acq: 27 Mar 2020 20:43

Instrument :

MSVOA_Y

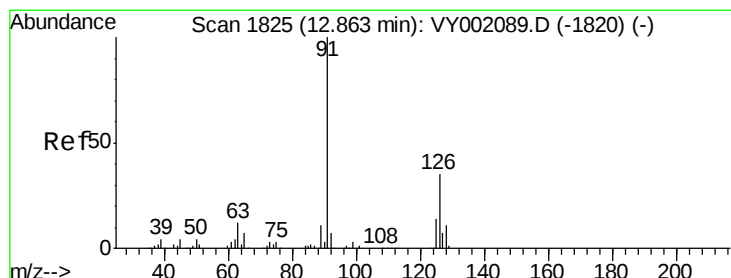
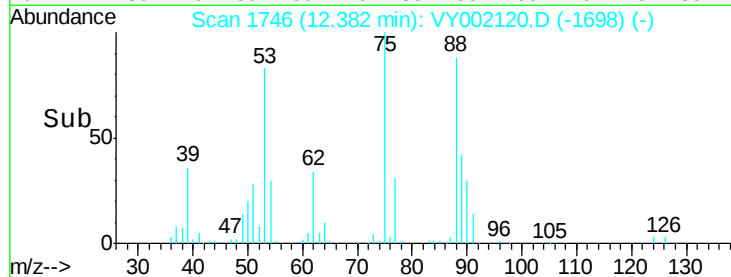
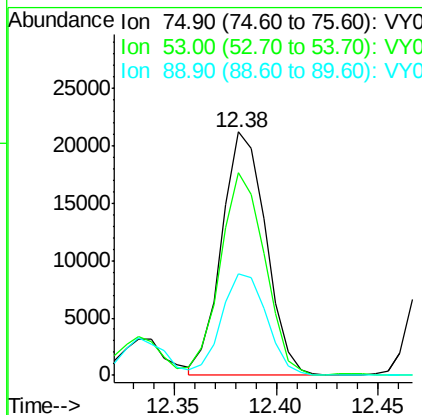
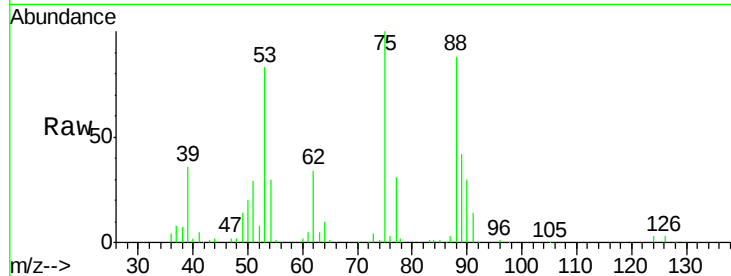
ClientSampleId :

VSTDCCC050EC

Tot Ion:	75	Resp:	31891
Ion Ratio	Lower	Upper	
75	100		
53	83.2	65.0	97.4
89	42.5	33.4	50.0

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#82

4-Chlorotoluene

Concen: 48.903 ug/l

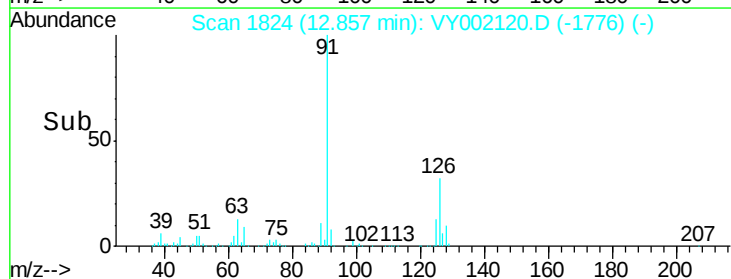
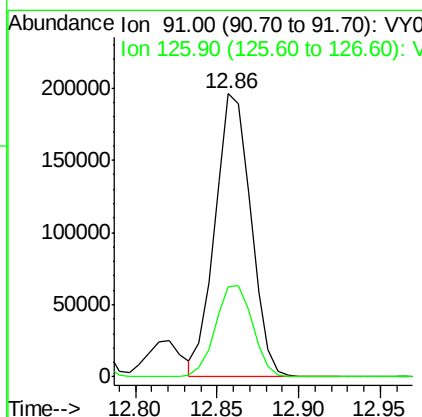
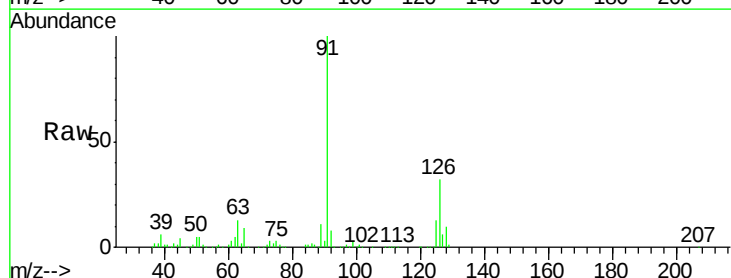
RT: 12.86 min Scan# 1824

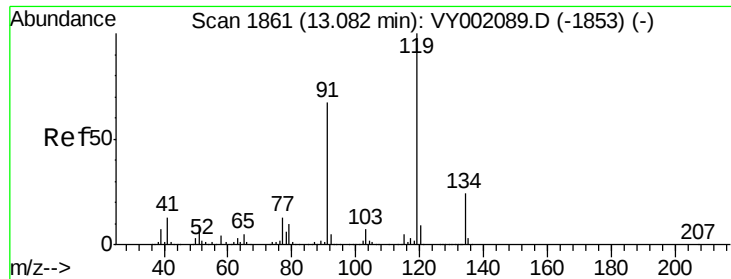
Delta R.T. -0.01 min

Lab File: VY002120.D

Acq: 27 Mar 2020 20:43

Tgt Ion:	91	Resp:	300051
Ion Ratio	Lower	Upper	
91	100		
126	33.4	16.3	48.9





#83

tert-Butylbenzene

Concen: 50.120 ug/l

RT: 13.08 min Scan# 1861

Delta R.T. 0.00 min

Lab File: VY002120.D

Acq: 27 Mar 2020 20:43

Instrument :

MSVOA_Y

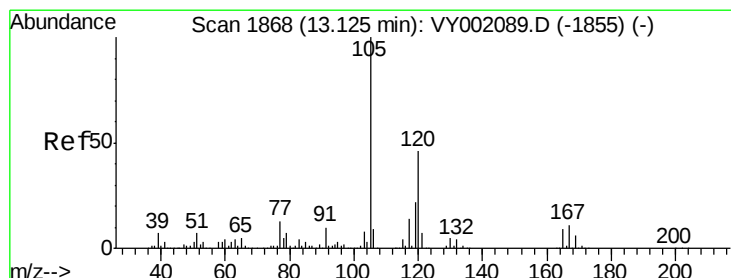
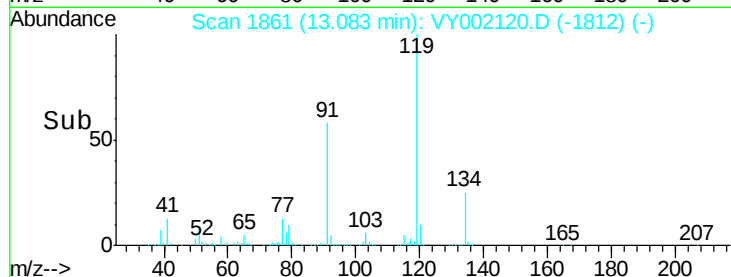
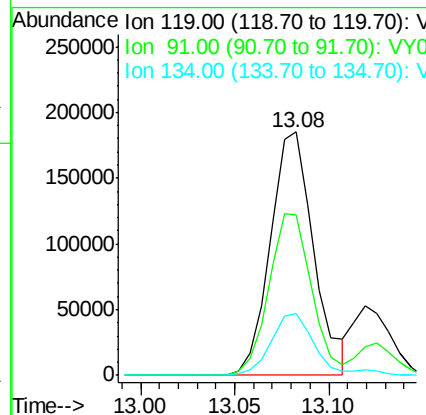
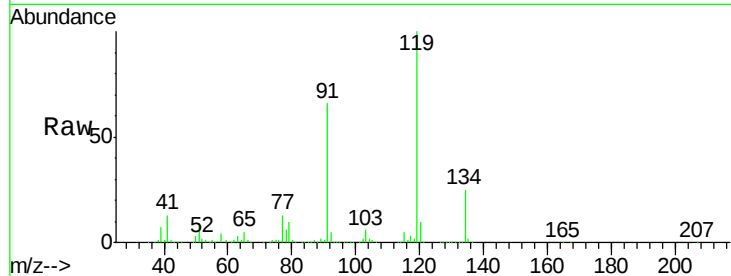
ClientSampleId :

VSTDCCC050EC

Tot Ion:	119	Resp:	294951
Ion Ratio	Lower	Upper	
119	100		
91	65.5	32.9	98.6
134	26.1	13.0	38.9

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#84

1,2,4-Trimethylbenzene

Concen: 49.463 ug/l

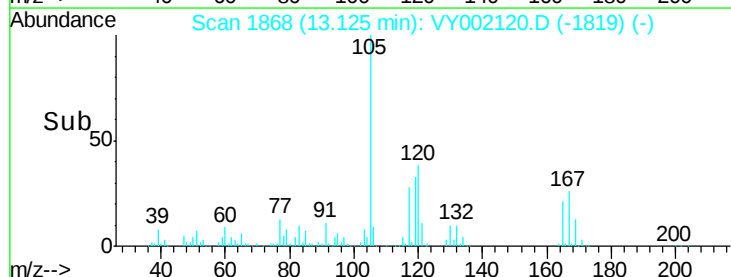
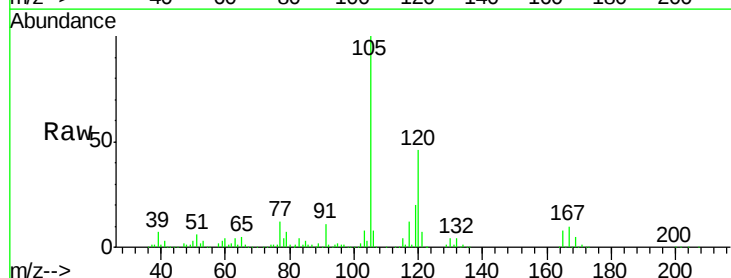
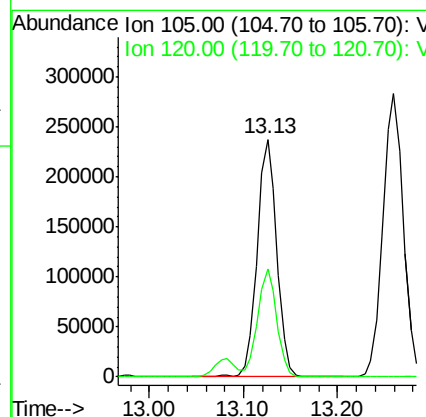
RT: 13.13 min Scan# 1868

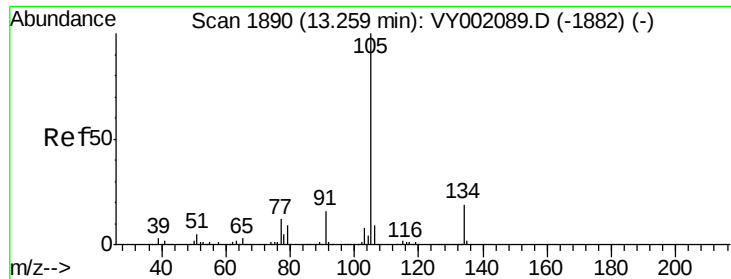
Delta R.T. 0.00 min

Lab File: VY002120.D

Acq: 27 Mar 2020 20:43

Tgt Ion:	105	Resp:	347937
Ion Ratio	Lower	Upper	
105	100		
120	44.3	22.9	68.5





#85

sec-Butylbenzene

Concen: 48.628 ug/l

RT: 13.26 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VY002120.D

Acq: 27 Mar 2020 20:43

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 423871

Ion Ratio Lower Upper

105 100

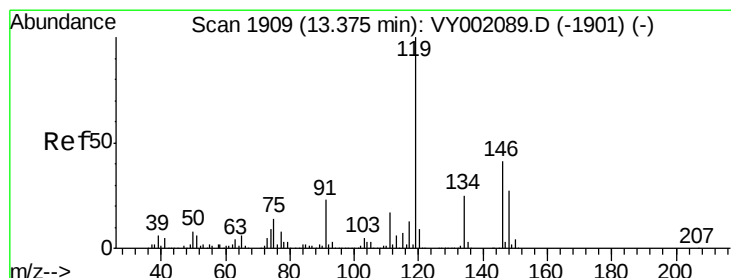
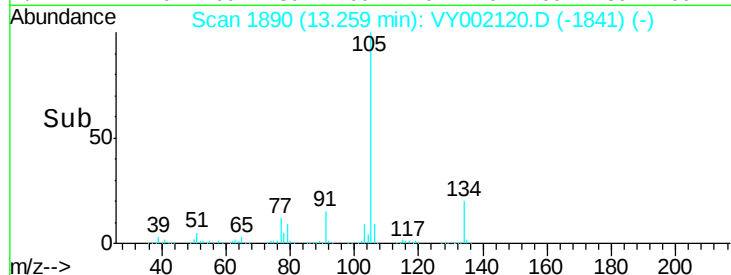
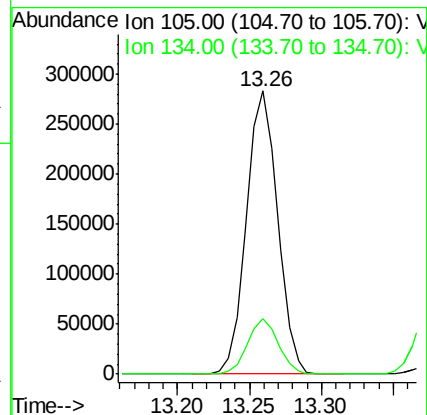
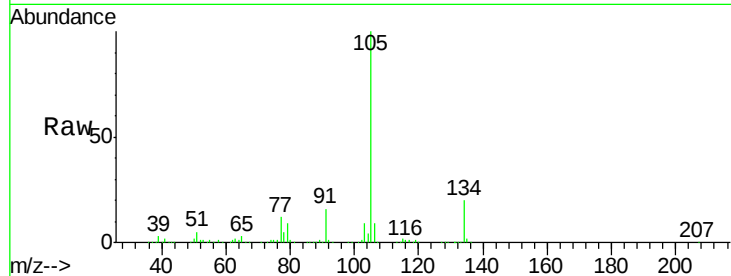
134 19.3 9.7 29.1

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#86

p-Isopropyltoluene

Concen: 49.156 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. 0.00 min

Lab File: VY002120.D

Acq: 27 Mar 2020 20:43

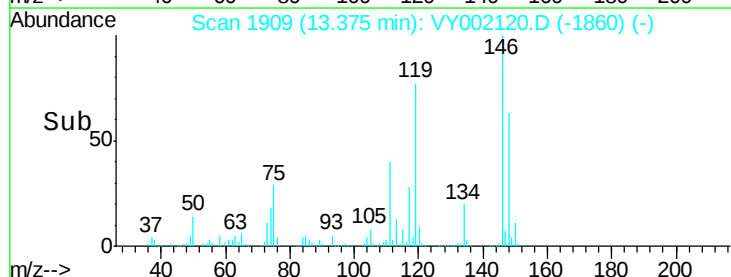
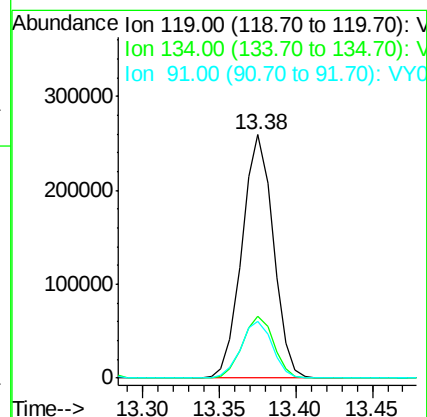
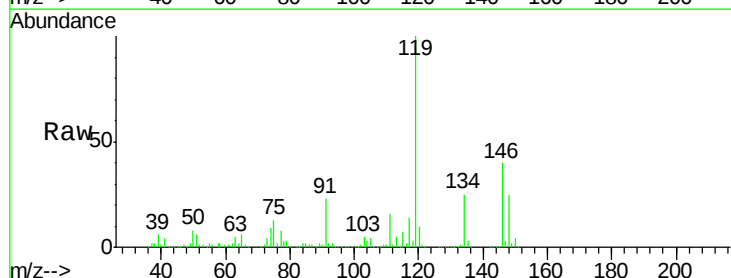
Tgt Ion:119 Resp: 367947

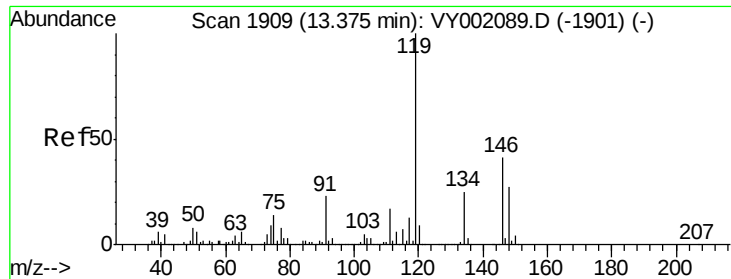
Ion Ratio Lower Upper

119 100

134 25.7 13.1 39.3

91 23.4 11.8 35.3





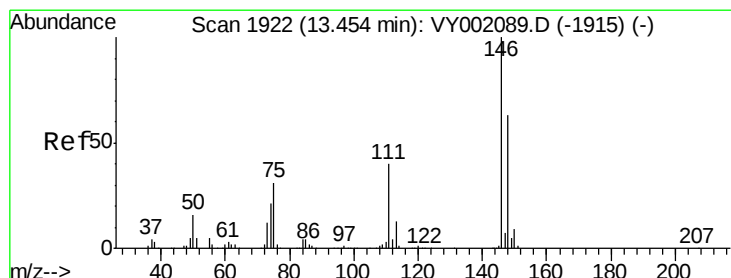
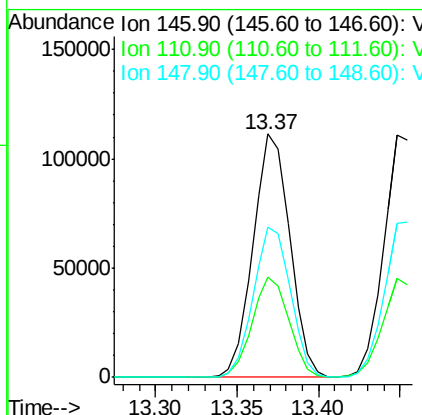
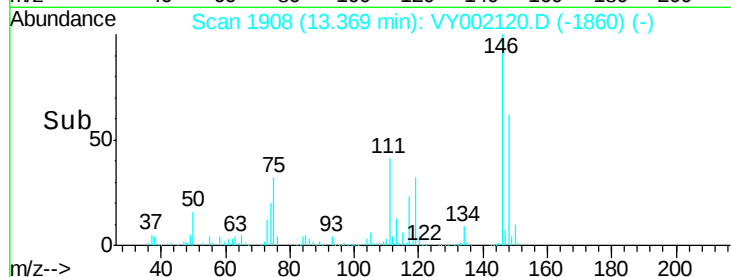
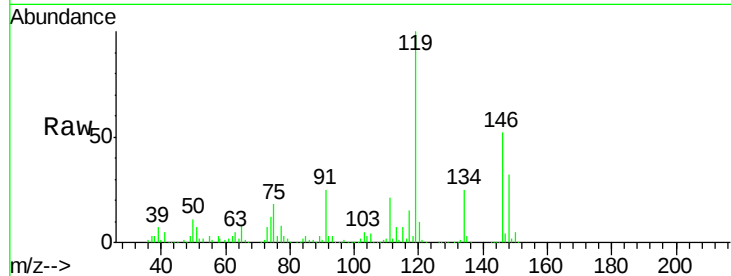
#87
 1,3-Dichlorobenzene
 Concen: 49.093 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. -0.01 min
 Lab File: VY002120.D
 Acq: 27 Mar 2020 20:43

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100	175195		
111	41.1	20.9	62.8	
148	62.4	32.1	96.5	

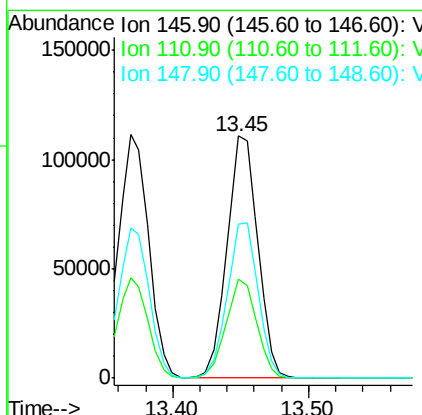
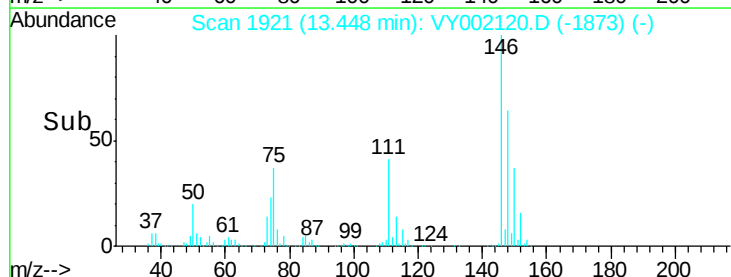
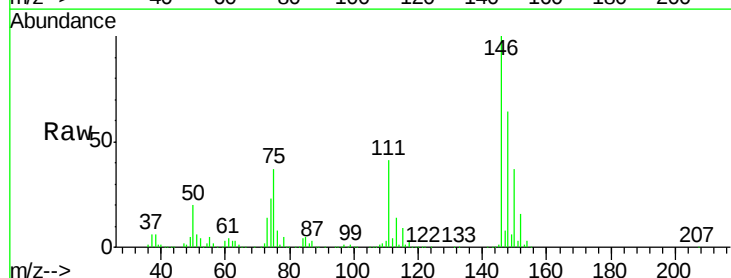
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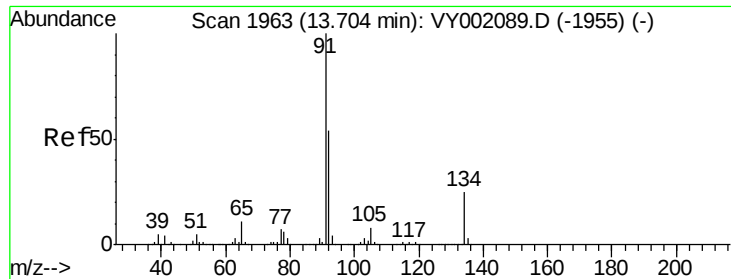
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#88
 1,4-Dichlorobenzene
 Concen: 48.479 ug/l
 RT: 13.45 min Scan# 1921
 Delta R.T. -0.01 min
 Lab File: VY002120.D
 Acq: 27 Mar 2020 20:43

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	174094		
111	40.9	20.3	60.9	
148	64.0	31.5	94.5	





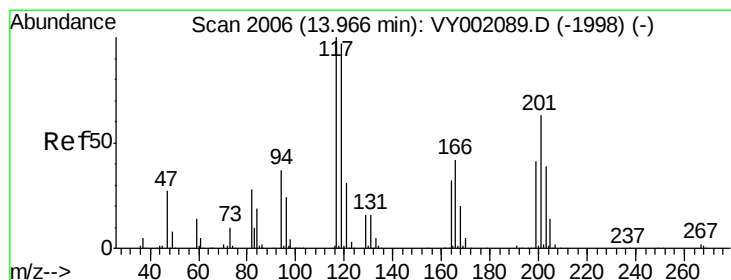
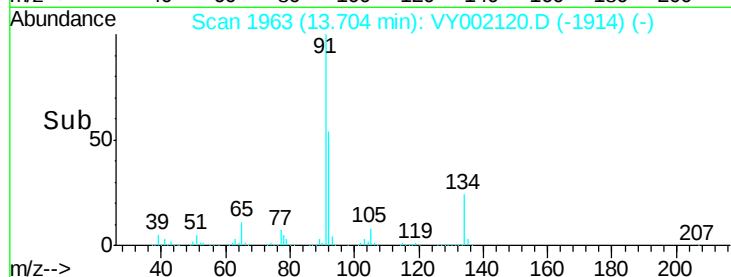
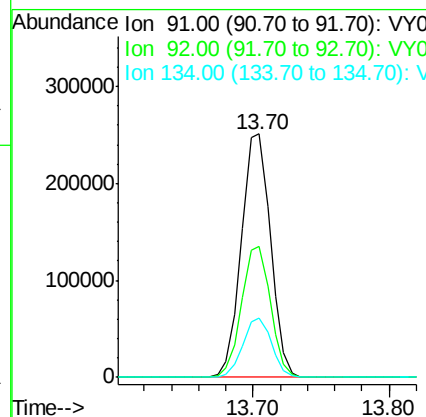
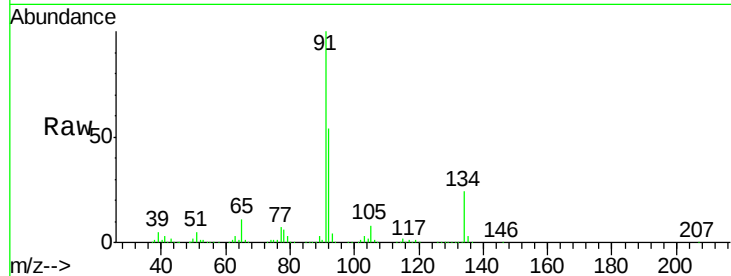
#89
n-Butylbenzene
Concen: 48.285 ug/l
RT: 13.70 min Scan# 1963
Delta R.T. 0.00 min
Lab File: VY002120.D
Acq: 27 Mar 2020 20:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.3	27.0	81.0
134	24.1	12.3	36.8

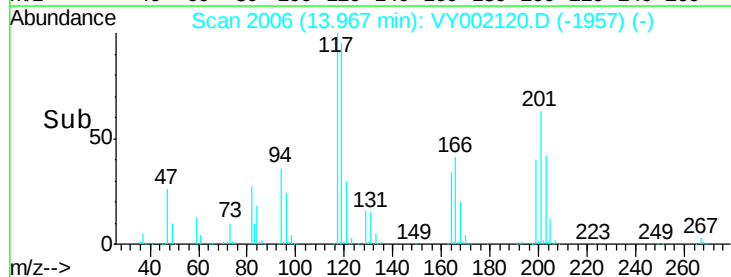
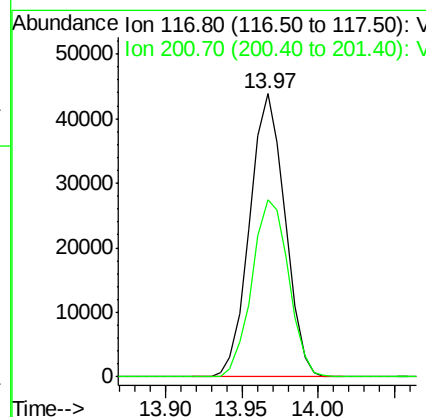
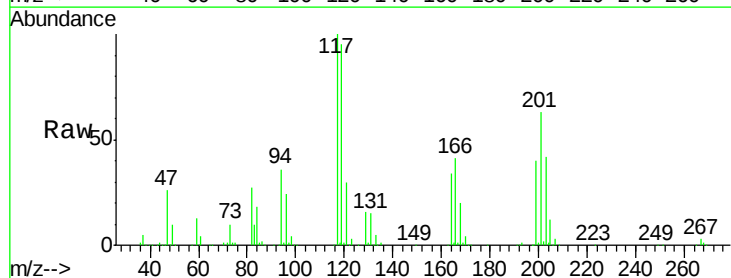
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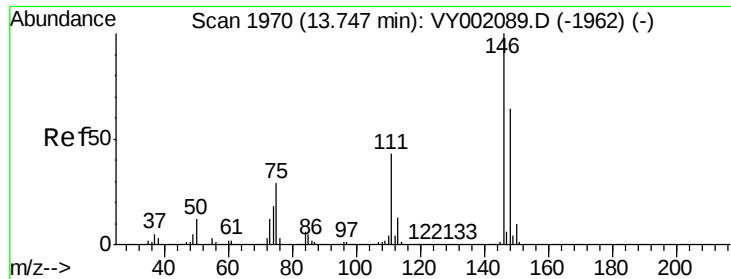
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#90
Hexachloroethane
Concen: 50.010 ug/l
RT: 13.97 min Scan# 2006
Delta R.T. 0.00 min
Lab File: VY002120.D
Acq: 27 Mar 2020 20:43

Tgt Ion	Ratio	Lower	Upper
117	100		
201	65.1	31.6	94.8





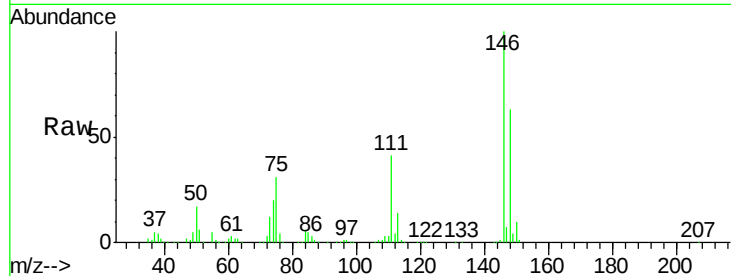
#91
 1,2-Dichlorobenzene
 Concen: 48.834 ug/l
 RT: 13.75 min Scan# 1970
 Delta R.T. 0.00 min
 Lab File: VY002120.D
 Acq: 27 Mar 2020 20:43

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

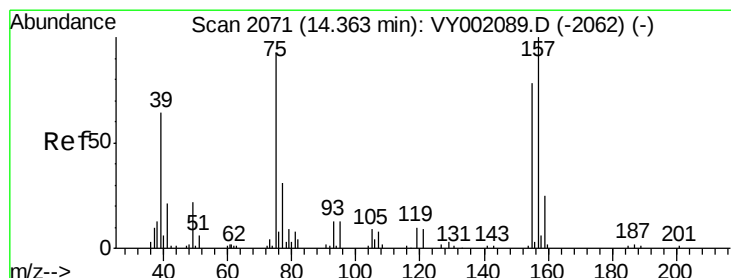
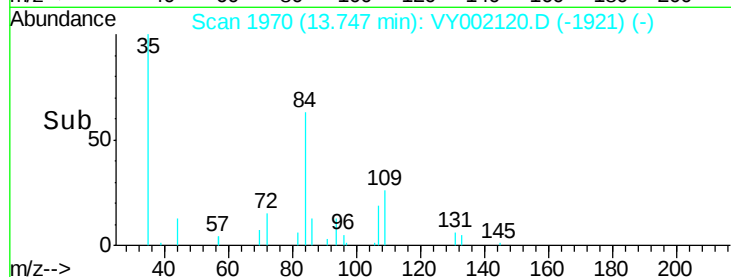
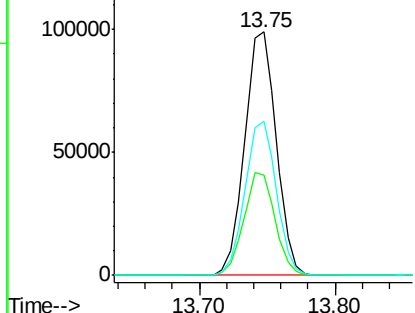
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.5	21.3	63.7
148	62.9	31.8	95.4

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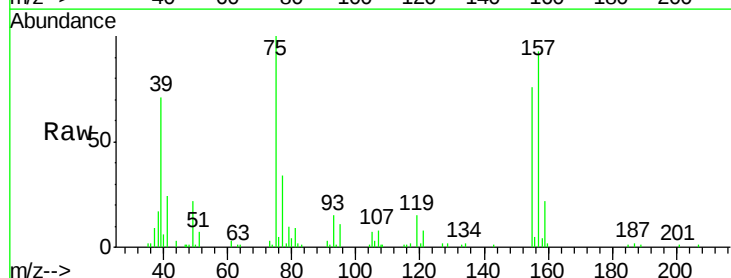


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

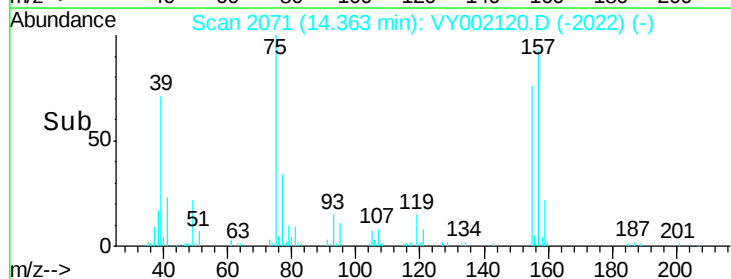
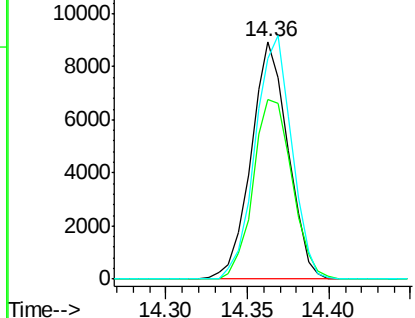


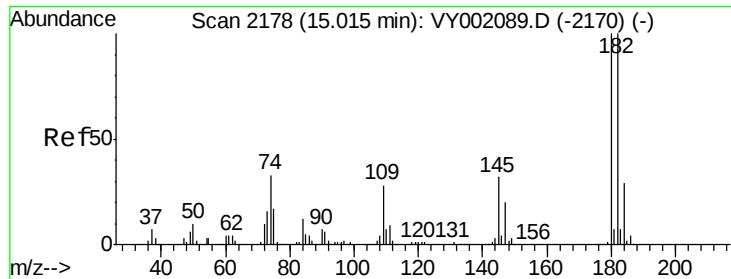
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.730 ug/l
 RT: 14.36 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VY002120.D
 Acq: 27 Mar 2020 20:43

Tgt Ion	Ratio	Lower	Upper
75	100		
155	79.8	41.6	124.9
157	100.9	53.4	160.3



Abundance Ion 74.90 (74.60 to 75.60): VY0
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V





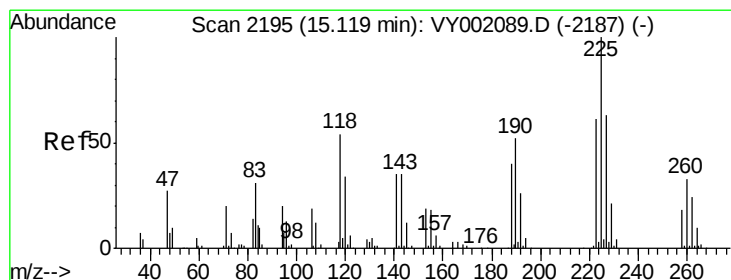
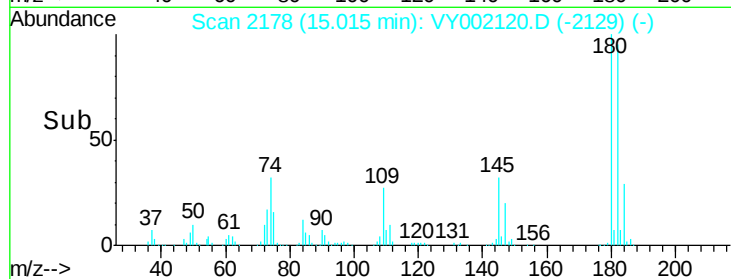
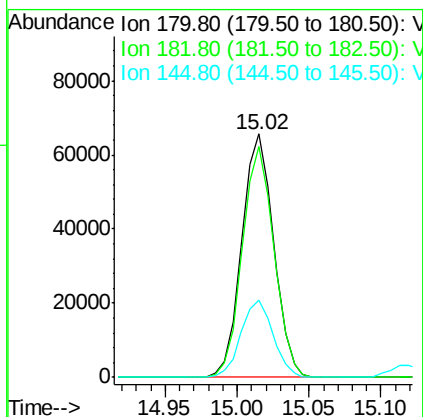
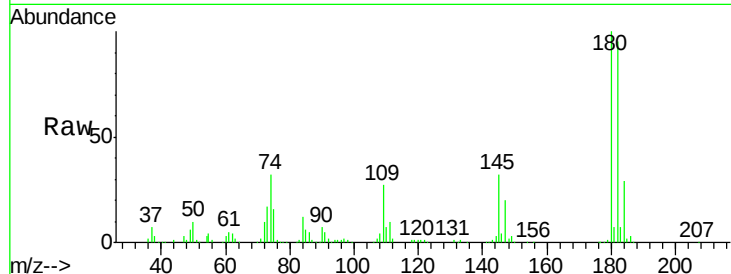
#93
1,2,4-Trichlorobenzene
Concen: 47.351 ug/l
RT: 15.02 min Scan# 2178
Delta R.T. 0.00 min
Lab File: VY002120.D
Acq: 27 Mar 2020 20:43

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	93.8	48.1	144.3	
145	32.0	15.9	47.6	

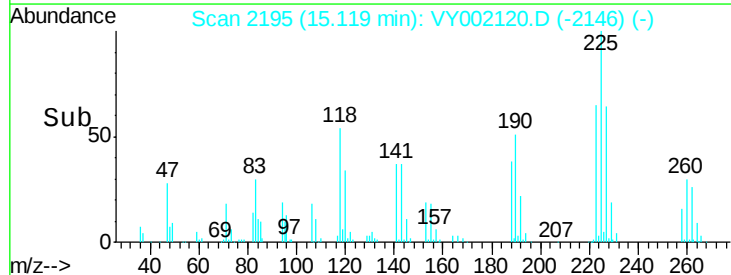
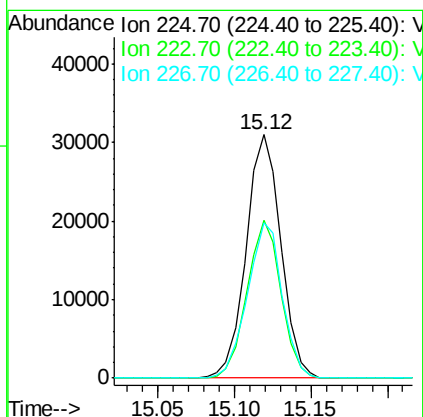
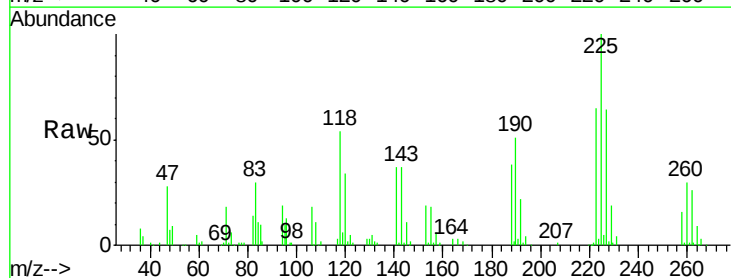
Manual Integrations
APPROVED

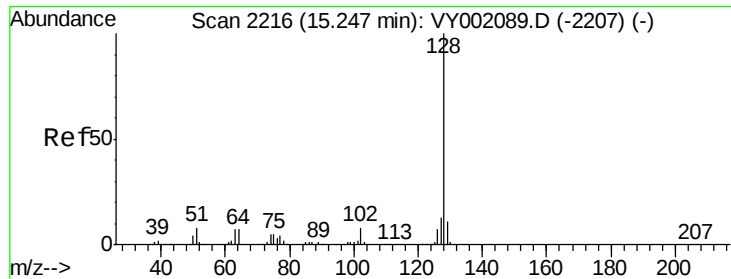
apatel
3/30/2020 1:10:27 PM



#94
Hexachlorobutadiene
Concen: 46.487 ug/l
RT: 15.12 min Scan# 2195
Delta R.T. 0.00 min
Lab File: VY002120.D
Acq: 27 Mar 2020 20:43

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.6	31.1	93.3	
227	63.9	31.6	94.7	





#95

Naphthalene

Concen: 47.925 ug/l

RT: 15.24 min Scan# 2215

Delta R.T. -0.01 min

Lab File: VY002120.D

Acq: 27 Mar 2020 20:43

Instrument :

MSVOA_Y

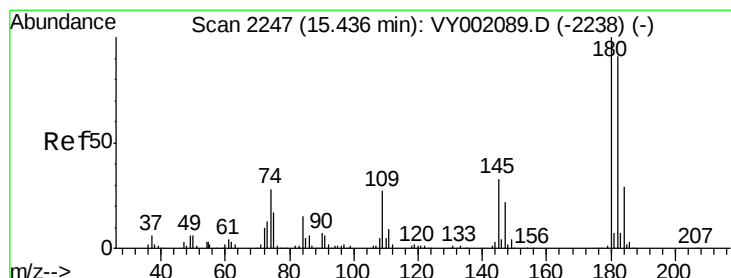
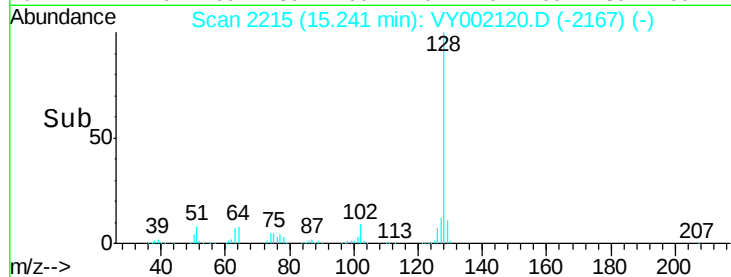
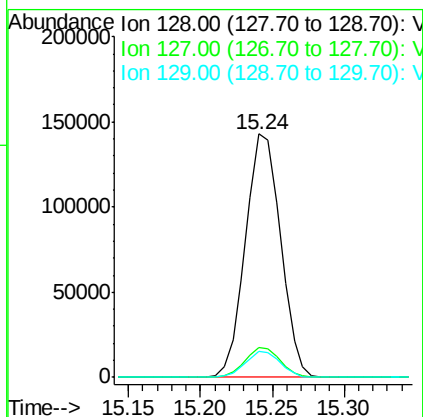
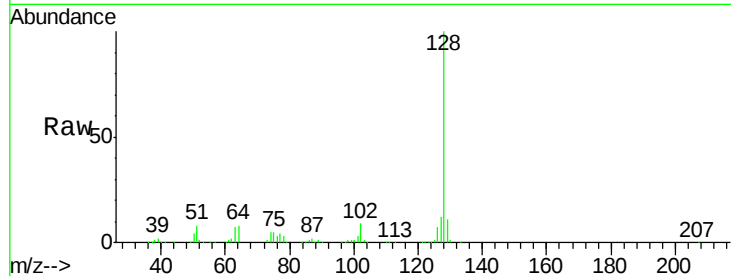
ClientSampleId :

VSTDCCC050EC

Tot Ion:	128	Resp:	241792
Ion Ratio	Lower	Upper	
128	100		
127	12.2	9.8	14.8
129	10.5	8.6	13.0

Manual Integrations
APPROVED

apatel
3/30/2020 1:10:27 PM



#96

1,2,3-Trichlorobenzene

Concen: 46.746 ug/l

RT: 15.43 min Scan# 2246

Delta R.T. -0.01 min

Lab File: VY002120.D

Acq: 27 Mar 2020 20:43

Tgt Ion:	180	Resp:	90044
Ion Ratio	Lower	Upper	
180	100		
182	95.9	46.8	140.3
145	33.9	16.7	50.1

