

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY070720\
 Data File : VY003132.D
 Acq On : 07 Jul 2020 17:29
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 7/8/2020 12:20:51 PM

Quant Time: Jul 08 04:35:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 30 04:11:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	400393	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	574930	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	536563	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	287118	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	187918	47.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.50%	
35) Dibromofluoromethane	7.72	113	187421	52.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.52%	
50) Toluene-d8	10.18	98	674433	50.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.96%	
62) 4-Bromofluorobenzene	12.48	95	237790	50.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	136794	45.112	ug/l	100
3) Chloromethane	2.12	50	202798	45.671	ug/l	99
4) Vinyl Chloride	2.26	62	207625	47.935	ug/l	97
5) Bromomethane	2.65	94	137058	46.605	ug/l	98
6) Chloroethane	2.80	64	139168	50.508	ug/l	99
7) Trichlorofluoromethane	3.13	101	307969	50.376	ug/l	99
8) Diethyl Ether	3.54	74	106724	50.923	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	3.91	101	184929	50.662	ug/l	98
10) Methyl Iodide	4.10	142	226765	50.099	ug/l	99
11) Tert butyl alcohol	4.97	59	77223	190.546	ug/l	97
12) 1,1-Dichloroethene	3.88	96	173555	49.971	ug/l	92
13) Acrolein	3.74	56	80019	219.836	ug/l	98
14) Allyl chloride	4.49	41	254251	41.929	ug/l	94
15) Acrylonitrile	5.18	53	251509	232.852	ug/l	100
16) Acetone	3.96	43	168528	179.687	ug/l	100
17) Carbon Disulfide	4.20	76	506753	45.667	ug/l	99
18) Methyl Acetate	4.48	43	114689	45.388	ug/l	92
19) Methyl tert-butyl Ether	5.23	73	520042	51.368	ug/l	97
20) Methylene Chloride	4.72	84	213259	51.109	ug/l	91
21) trans-1,2-Dichloroethene	5.22	96	198979	50.649	ug/l	92
22) Diisopropyl ether	6.13	45	601804	46.304	ug/l	96
23) Vinyl Acetate	6.07	43	2027428	233.325	ug/l	96
24) 1,1-Dichloroethane	6.03	63	342453	48.235	ug/l	99
25) 2-Butanone	7.00	43	313728	210.576	ug/l	98
26) 2,2-Dichloropropane	6.99	77	303079	46.986	ug/l	98
27) cis-1,2-Dichloroethene	6.99	96	226811	51.473	ug/l	93
28) Bromochloromethane	7.34	49	151205	47.866	ug/l	85
29) Tetrahydrofuran	7.36	42	220939	223.000	ug/l	92
30) Chloroform	7.52	83	357164	50.781	ug/l	96
31) Cyclohexane	7.79	56	295204	42.207	ug/l	91
32) 1,1,1-Trichloroethane	7.71	97	317809	49.502	ug/l	99
36) 1,1-Dichloropropene	7.93	75	269890	48.735	ug/l	97
37) Ethyl Acetate	7.08	43	161666	48.552	ug/l	97
38) Carbon Tetrachloride	7.91	117	288383	50.050	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	336159	48.958	ug/l	96
40) Benzene	8.16	78	765060	50.461	ug/l	100
41) Methacrylonitrile	7.33	41	90266m	50.749	ug/l	
42) 1,2-Dichloroethane	8.24	62	239666	49.968	ug/l	99
43) Isopropyl Acetate	8.28	43	306171	48.368	ug/l	96
44) Trichloroethene	8.94	130	241859	54.884	ug/l	97
45) 1,2-Dichloropropane	9.22	63	201989	49.520	ug/l	100
46) Dibromomethane	9.31	93	122574	53.804	ug/l	98
47) Bromodichloromethane	9.50	83	290386	52.055	ug/l	99
48) Methyl methacrylate	9.30	41	135388	46.990	ug/l	91
49) 1,4-Dioxane	9.31	88	24496	880.843	ug/l	86
51) 4-Methyl-2-Pentanone	10.07	43	804053	245.761	ug/l	96
52) Toluene	10.25	92	497797	52.157	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	300520	51.383	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	342512	51.207	ug/l	94
55) 1,1,2-Trichloroethane	10.64	97	172938	54.628	ug/l	99
56) Ethyl methacrylate	10.51	69	248886	54.311	ug/l	94
57) 1,3-Dichloropropane	10.79	76	292658	52.660	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	616703	262.396	ug/l	96
59) 2-Hexanone	10.83	43	557954	243.990	ug/l	96
60) Dibromochloromethane	10.99	129	223731	55.224	ug/l	99
61) 1,2-Dibromoethane	11.09	107	175194	56.135	ug/l	99
64) Tetrachloroethene	10.72	164	269102	59.258	ug/l	96
65) Chlorobenzene	11.52	112	556649	52.613	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	222199	53.792	ug/l	99
67) Ethyl Benzene	11.59	91	987285	51.008	ug/l	99
68) m/p-Xylenes	11.70	106	749068	103.983	ug/l	97
69) o-Xylene	12.03	106	355521	52.373	ug/l	96
70) Styrene	12.04	104	615339	53.060	ug/l	98
71) Bromoform	12.20	173	153299	55.657	ug/l #	98
73) Isopropylbenzene	12.33	105	959414	51.058	ug/l	99
74) N-amyl acetate	12.14	43	290871	47.550	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.58	83	188795	49.787	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	143797m	50.604	ug/l	
77) Bromobenzene	12.61	156	255043	52.936	ug/l	95
78) n-propylbenzene	12.67	91	1147120	50.761	ug/l	99
79) 2-Chlorotoluene	12.75	91	641639	50.867	ug/l	98
80) 1,3,5-Trimethylbenzene	12.81	105	804766	51.038	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	74064	50.710	ug/l	97
82) 4-Chlorotoluene	12.85	91	669660	50.990	ug/l	98
83) tert-Butylbenzene	13.07	119	716371	51.740	ug/l	98
84) 1,2,4-Trimethylbenzene	13.12	105	814619	51.270	ug/l	100
85) sec-Butylbenzene	13.25	105	981351	51.423	ug/l	100
86) p-Isopropyltoluene	13.37	119	907623	51.326	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	468655	52.102	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	467596	52.719	ug/l	99
89) n-Butylbenzene	13.69	91	854058	50.478	ug/l	100
90) Hexachloroethane	13.96	117	169008	48.131	ug/l	100
91) 1,2-Dichlorobenzene	13.74	146	428825	53.136	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	32772	48.820	ug/l	88

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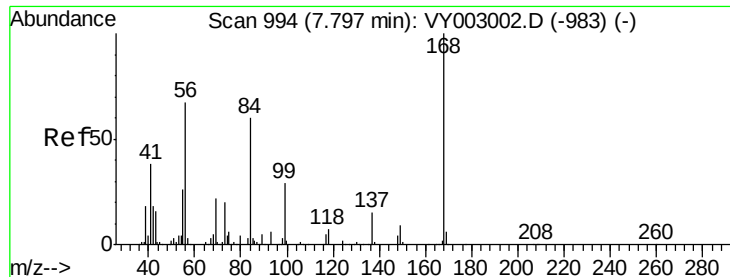
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	304990	50.859	ug/l	100
94) Hexachlorobutadiene	15.11	225	187600	49.596	ug/l	98
95) Naphthalene	15.23	128	574266	52.429	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	261190	50.159	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

Lab File: VY003132.D

Acq: 07 Jul 2020 17:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 400393

Ion Ratio Lower Upper

168 100

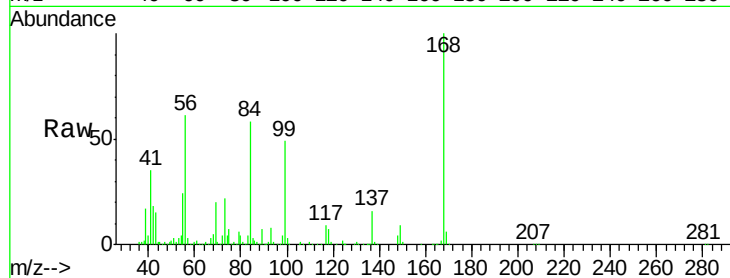
99 49.3 39.2 58.8

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Abundance Ion 167.90 (167.60 to 168.60): VY003132.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY003132.D (-945) (-)

7.80

200000

150000

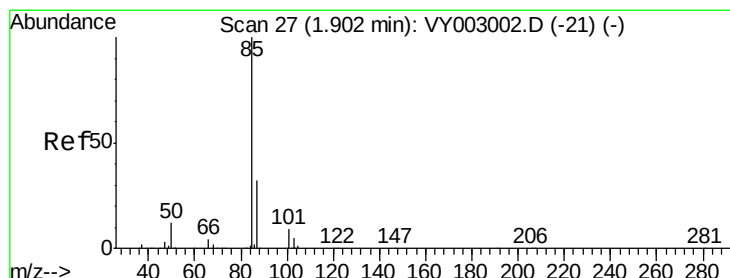
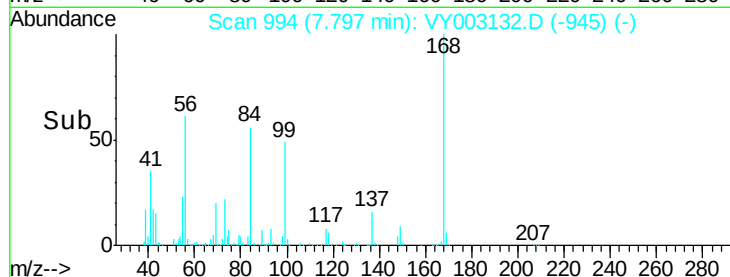
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 45.112 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.01 min

Lab File: VY003132.D

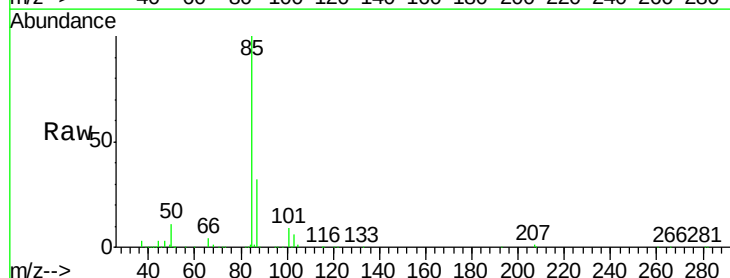
Acq: 07 Jul 2020 17:29

Tgt Ion: 85 Resp: 136794

Ion Ratio Lower Upper

85 100

87 31.8 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VY003132.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY003132.D (-1) (-)

1.91

100000

80000

60000

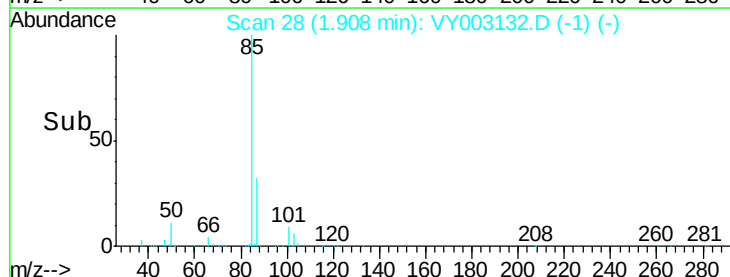
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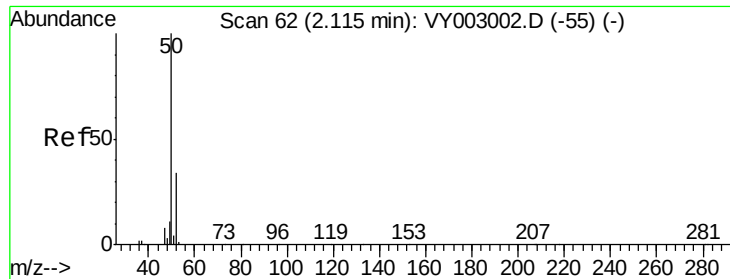
20000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 45.671 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY003132.D

Acq: 07 Jul 2020 17:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 202798

Ion Ratio Lower Upper

50 100

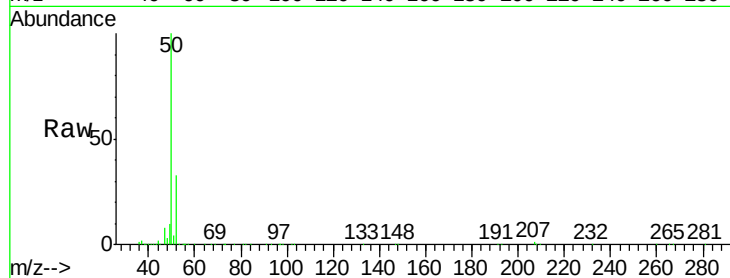
52 33.0 26.9 40.3

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Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0

2.12

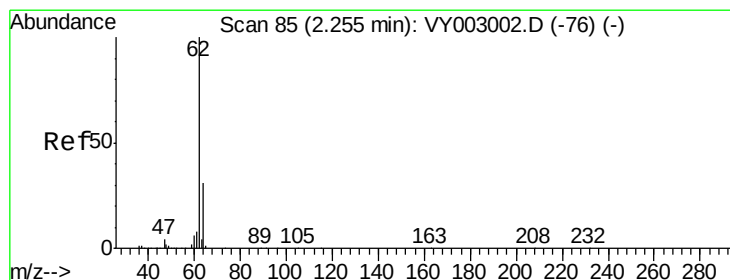
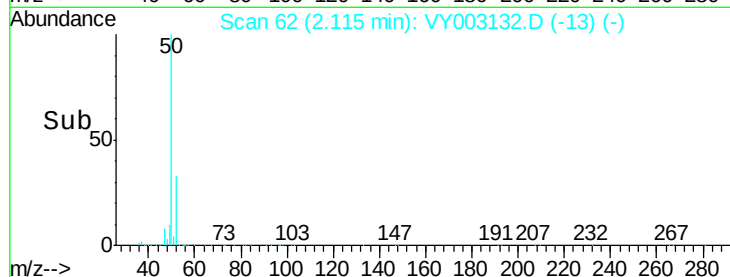
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 47.935 ug/l

RT: 2.26 min Scan# 85

Delta R.T. -0.00 min

Lab File: VY003132.D

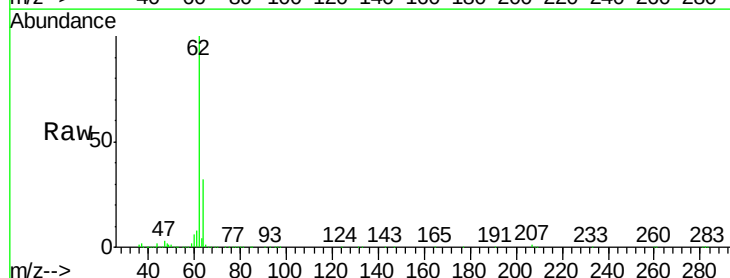
Acq: 07 Jul 2020 17:29

Tgt Ion: 62 Resp: 207625

Ion Ratio Lower Upper

62 100

64 32.1 24.4 36.6



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0

2.26

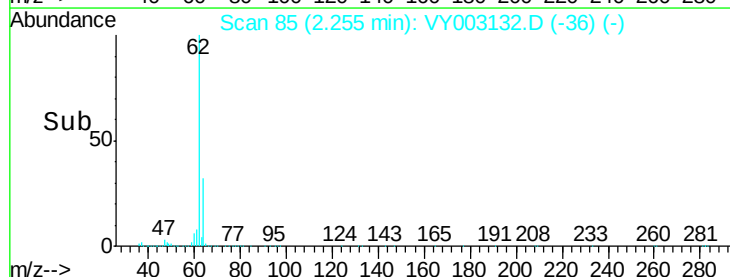
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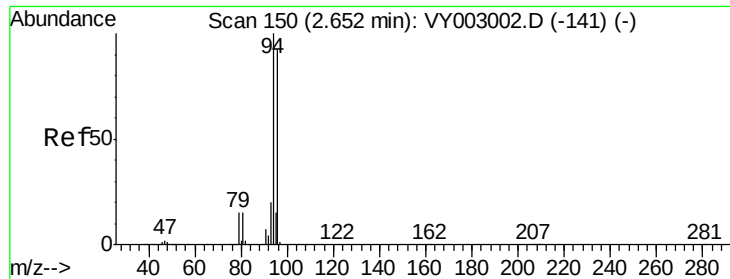
100000

50000

0

Time-->





#5

Bromomethane

Concen: 46.605 ug/l

RT: 2.65 min Scan# 150

Delta R.T. -0.00 min

Lab File: VY003132.D

Acq: 07 Jul 2020 17:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 137058

Ion Ratio Lower Upper

94 100

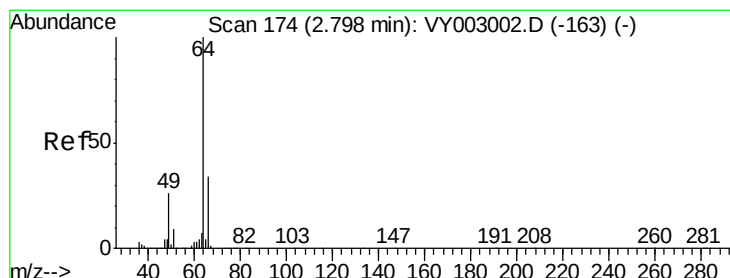
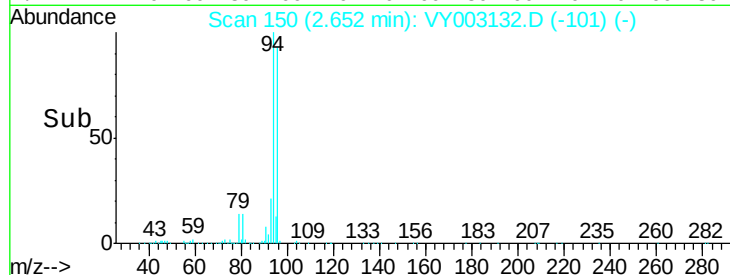
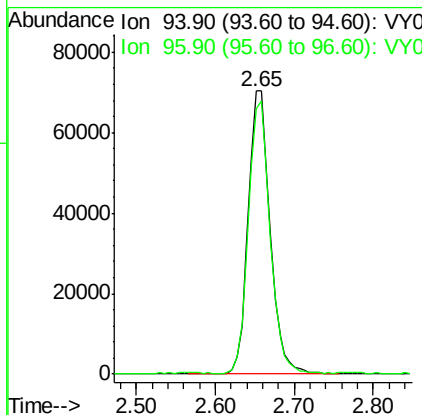
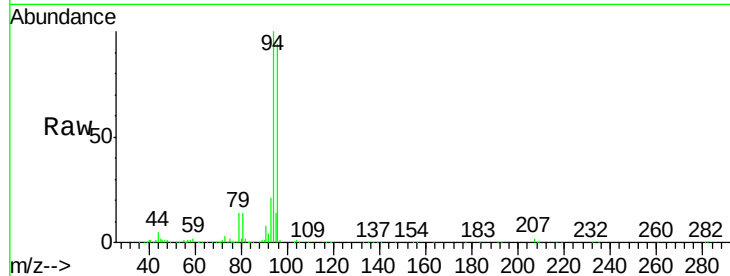
96 93.4 73.4 110.2

Manual Integrations

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7/8/2020 12:20:51 PM



#6

Chloroethane

Concen: 50.508 ug/l

RT: 2.80 min Scan# 174

Delta R.T. -0.00 min

Lab File: VY003132.D

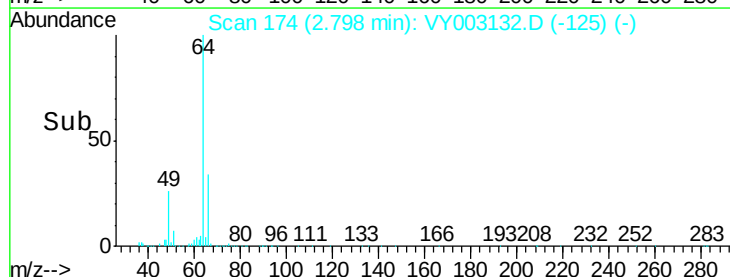
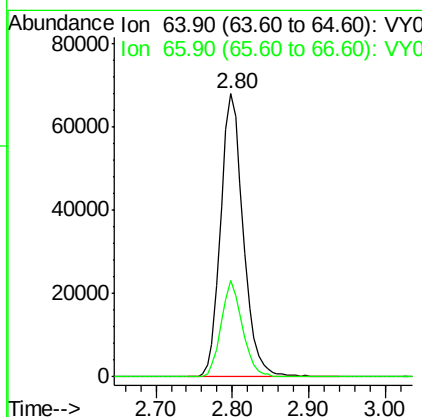
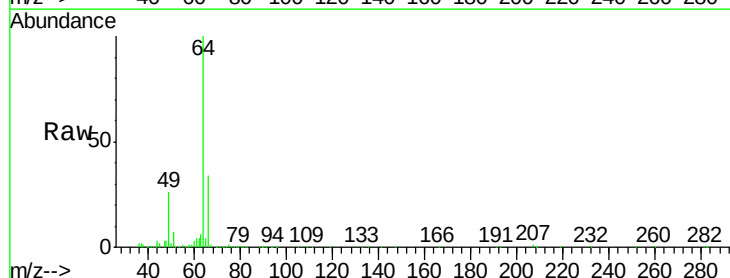
Acq: 07 Jul 2020 17:29

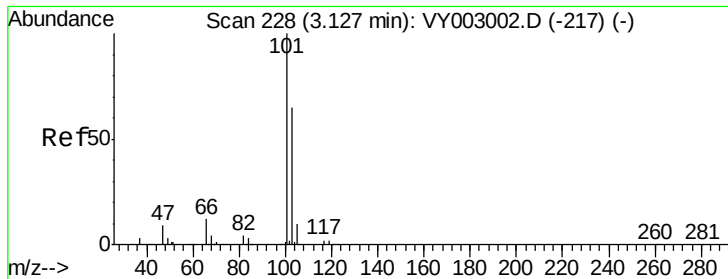
Tgt Ion: 64 Resp: 139168

Ion Ratio Lower Upper

64 100

66 34.2 27.0 40.4





#7

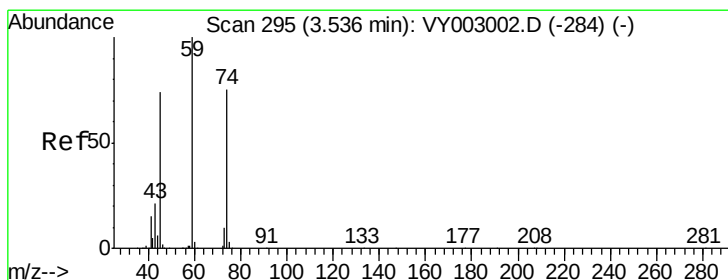
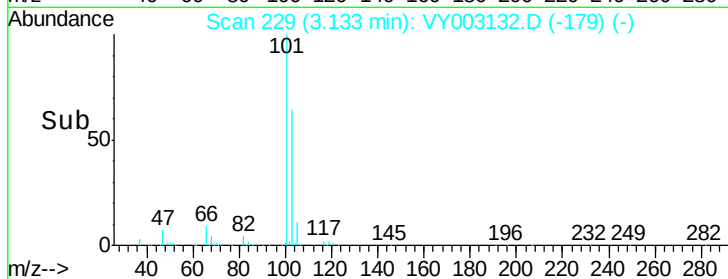
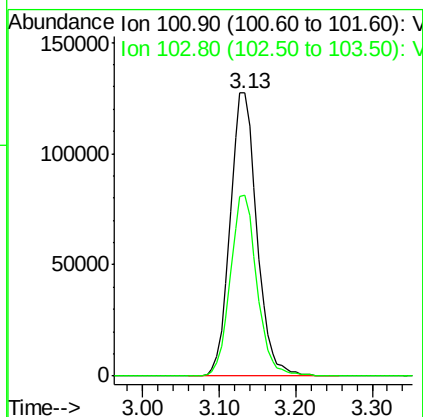
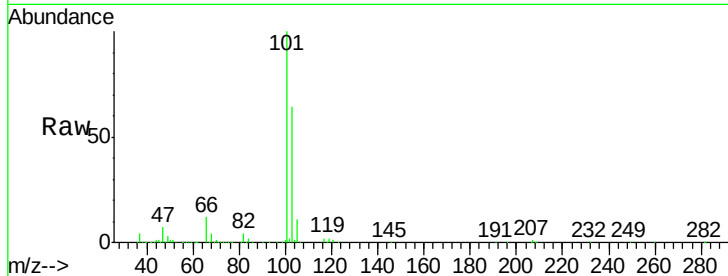
Trichlorofluoromethane
Concen: 50.376 ug/l
RT: 3.13 min Scan# 229
Delta R.T. 0.01 min
Lab File: VY003132.D
Acq: 07 Jul 2020 17:29

Instrument :
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VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
101	100	307969		
103	63.9	51.6	77.4	

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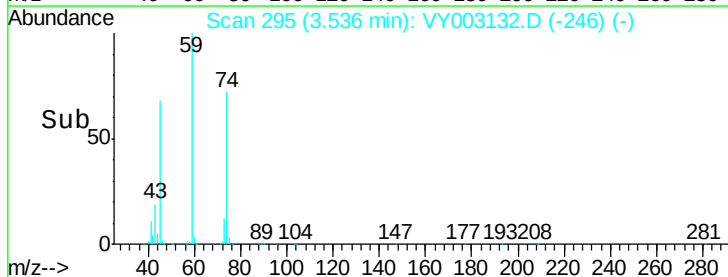
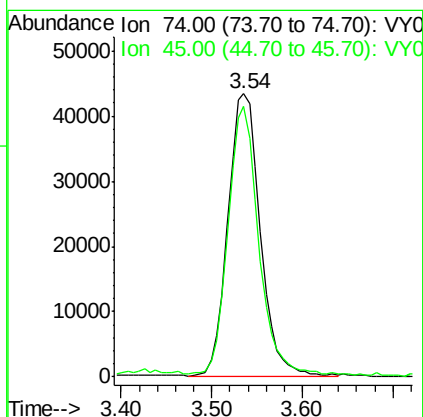
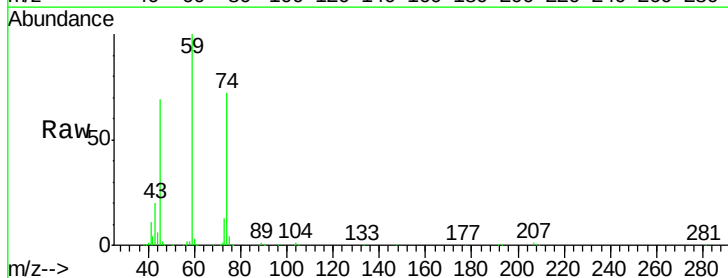
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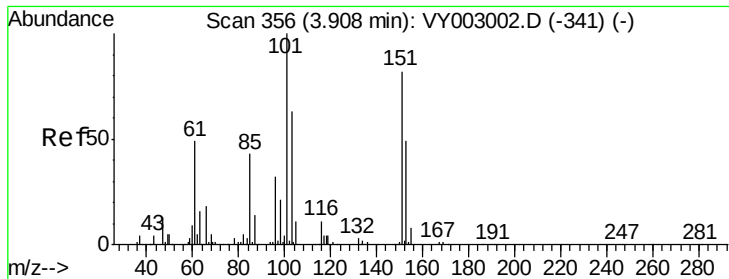


#8

Diethyl Ether
Concen: 50.923 ug/l
RT: 3.54 min Scan# 295
Delta R.T. -0.00 min
Lab File: VY003132.D
Acq: 07 Jul 2020 17:29

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	106724		
45	90.3	49.3	147.9	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.662 ug/l

RT: 3.91 min Scan# 356

Delta R.T. -0.00 min

Lab File: VY003132.D

Acq: 07 Jul 2020 17:29

Instrument :

MSVOA_Y

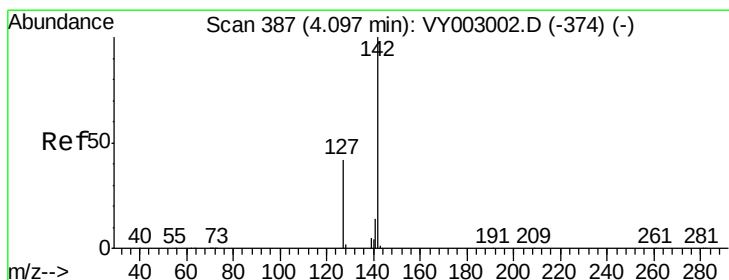
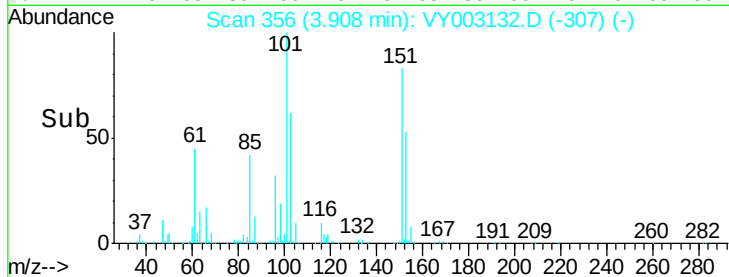
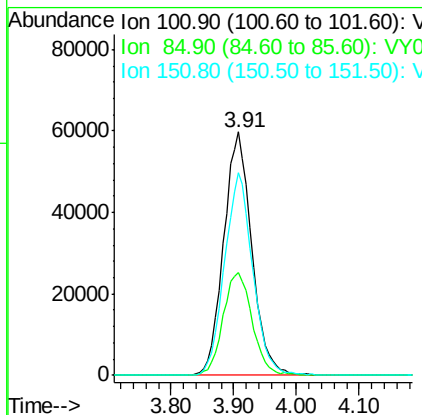
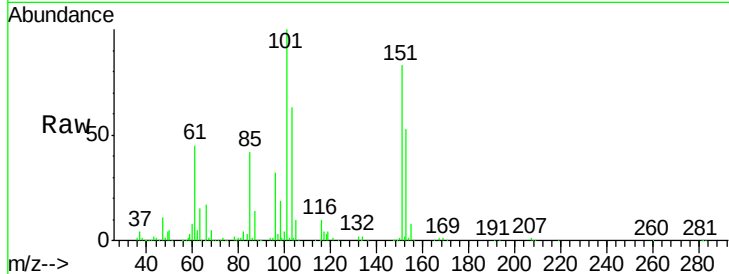
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	184929
Ion Ratio	Lower	Upper	
101	100		
85	43.7	35.5	53.3
151	83.6	65.5	98.3

Manual Integrations
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#10

Methyl Iodide

Concen: 50.099 ug/l

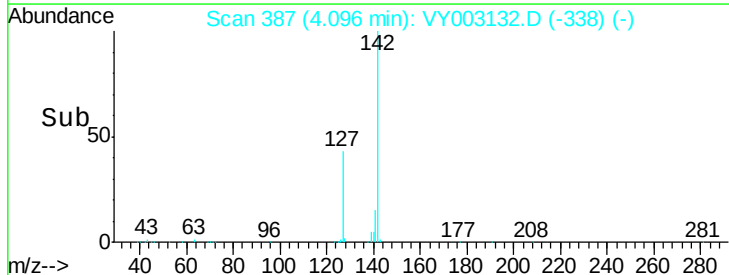
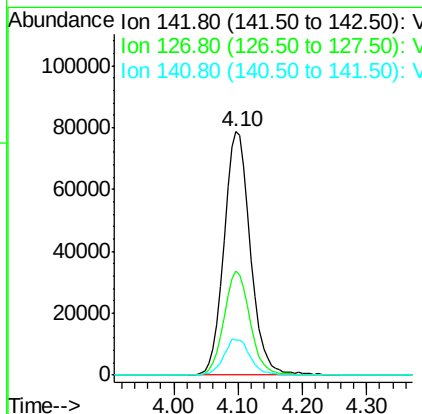
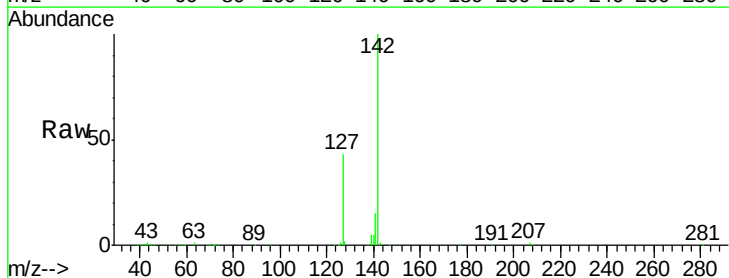
RT: 4.10 min Scan# 387

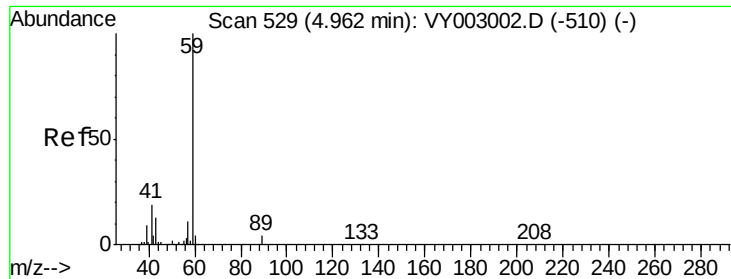
Delta R.T. -0.00 min

Lab File: VY003132.D

Acq: 07 Jul 2020 17:29

Tgt Ion:	142	Resp:	226765
Ion Ratio	Lower	Upper	
142	100		
127	42.3	34.2	51.2
141	14.8	11.7	17.5





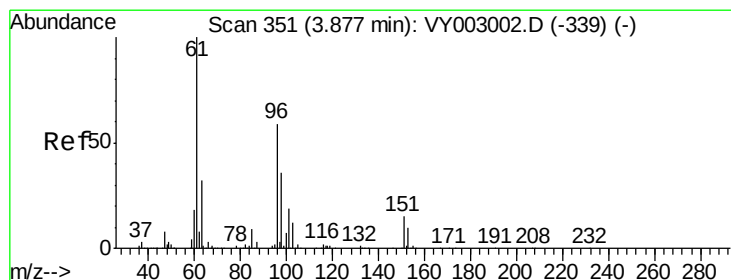
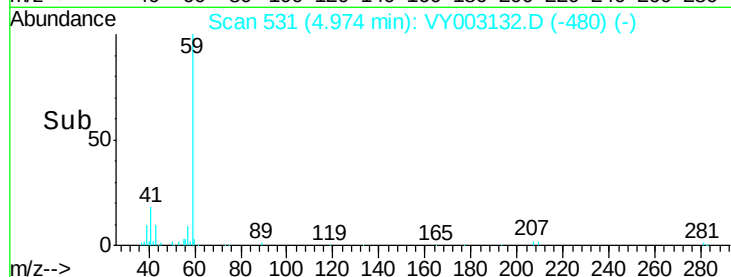
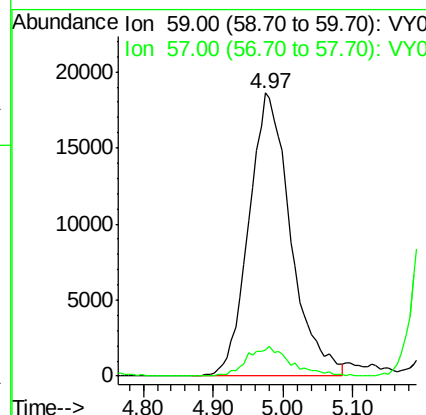
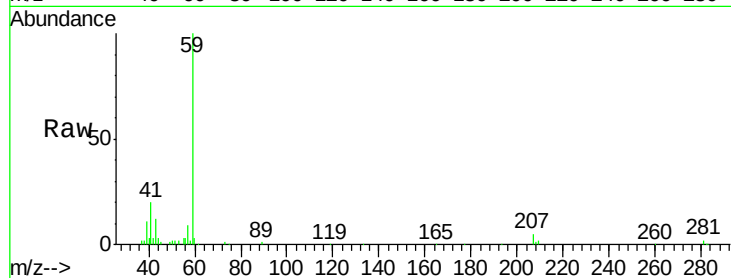
#11
Tert butyl alcohol
Concen: 190.546 ug/l
RT: 4.97 min Scan# 531
Delta R.T. 0.01 min
Lab File: VY003132.D
Acq: 07 Jul 2020 17:29

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 59 Resp: 77223
Ion Ratio Lower Upper
59 100
57 11.1 8.0 12.0

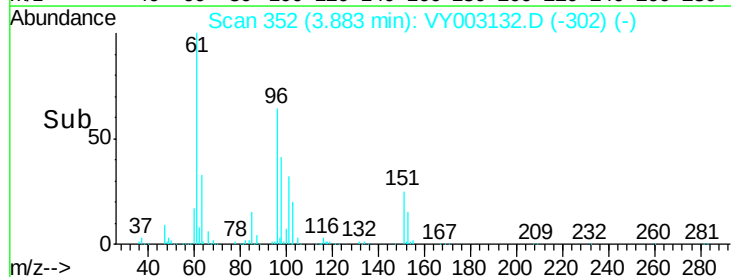
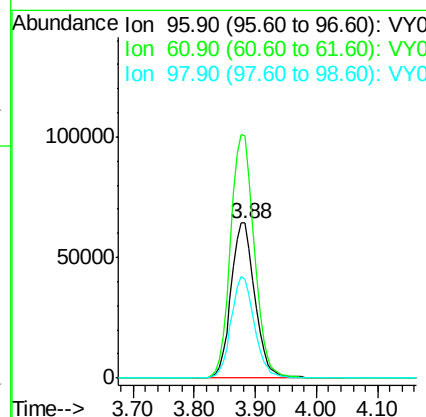
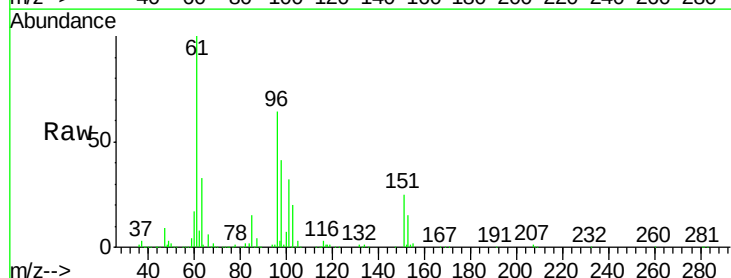
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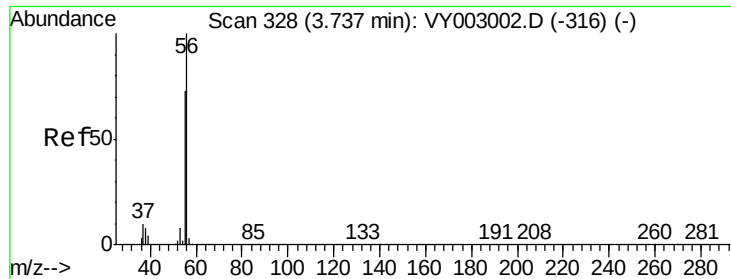
MMDadoda
7/8/2020 12:20:51 PM



#12
1,1-Dichloroethene
Concen: 49.971 ug/l
RT: 3.88 min Scan# 352
Delta R.T. 0.01 min
Lab File: VY003132.D
Acq: 07 Jul 2020 17:29

Tgt Ion: 96 Resp: 173555
Ion Ratio Lower Upper
96 100
61 156.2 136.7 205.1
98 63.6 49.7 74.5





#13

Acrolein

Concen: 219.836 ug/l

RT: 3.74 min Scan# 329

Delta R.T. 0.01 min

Lab File: VY003132.D

Acq: 07 Jul 2020 17:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 80019

Ion Ratio Lower Upper

56 100

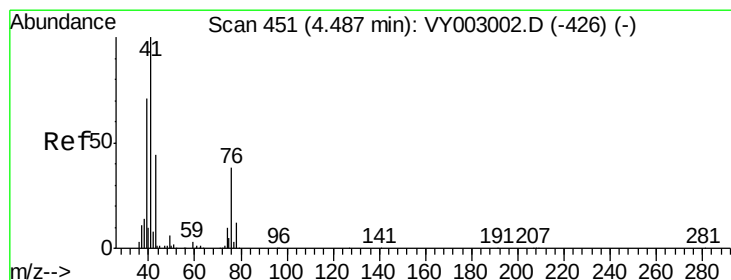
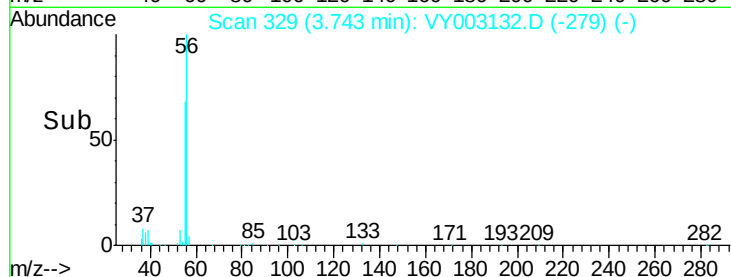
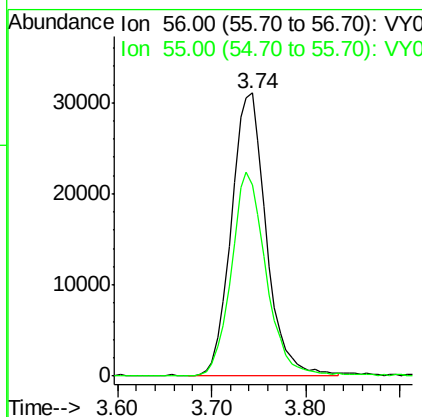
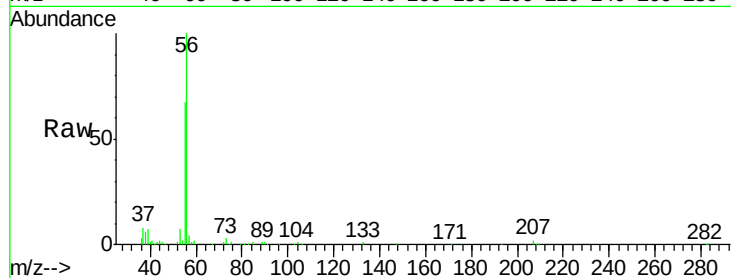
55 72.1 56.4 84.6

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#14

Allyl chloride

Concen: 41.929 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.00 min

Lab File: VY003132.D

Acq: 07 Jul 2020 17:29

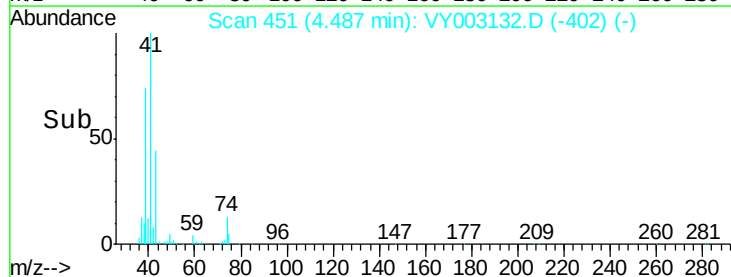
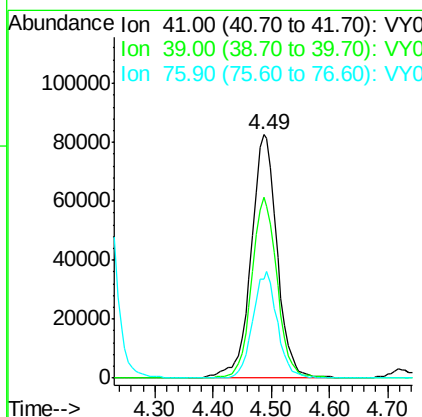
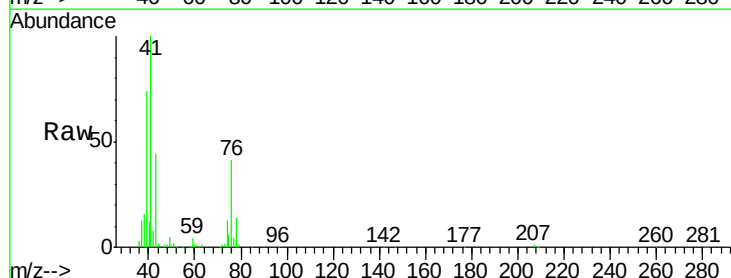
Tgt Ion: 41 Resp: 254251

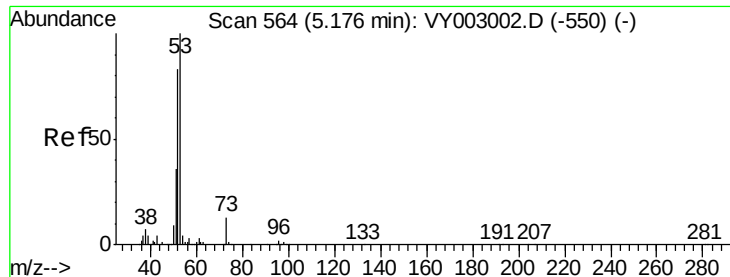
Ion Ratio Lower Upper

41 100

39 73.0 55.6 83.4

76 41.3 28.6 43.0





#15

Acrylonitrile

Concen: 232.852 ug/l

RT: 5.18 min Scan# 565

Delta R.T. 0.01 min

Lab File: VY003132.D

Acq: 07 Jul 2020 17:29

Instrument :

MSVOA_Y

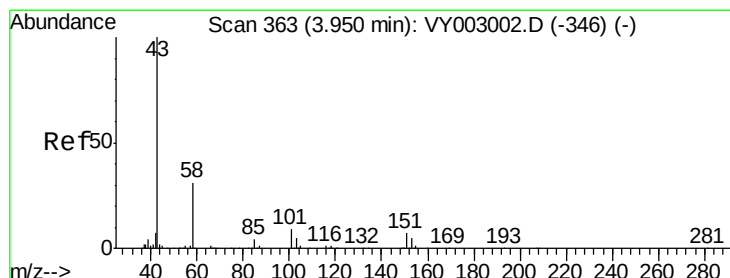
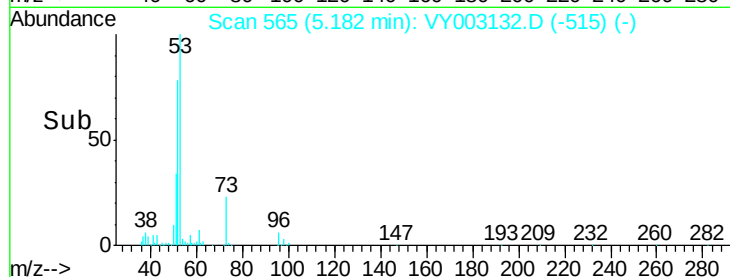
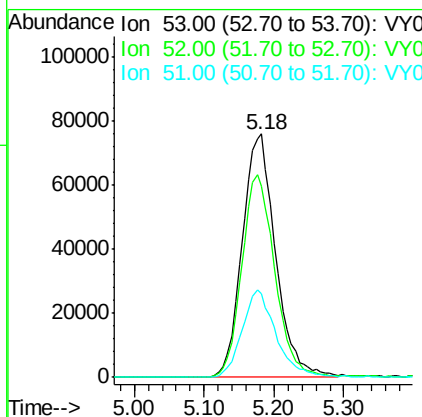
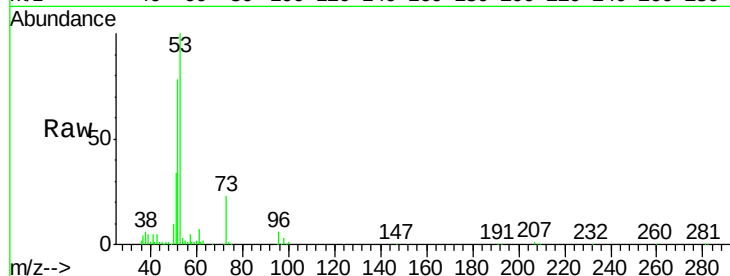
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	251509
Ion	Ratio	Lower	Upper
53	100		
52	82.8	66.2	99.2
51	36.7	29.5	44.3

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#16

Acetone

Concen: 179.687 ug/l

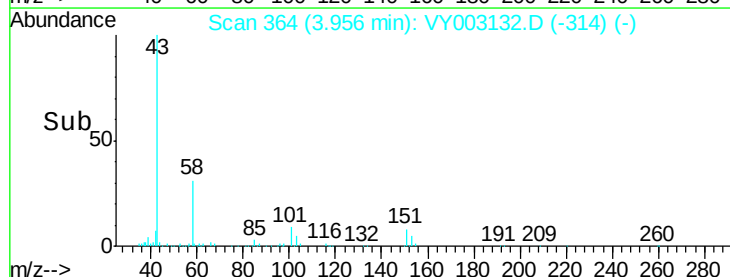
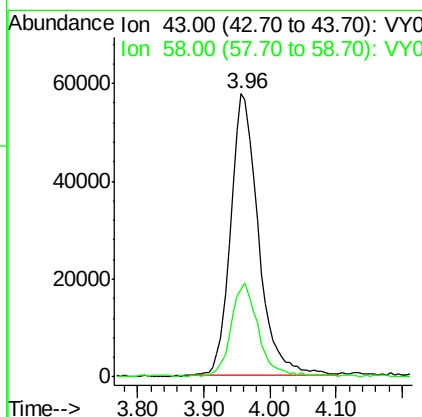
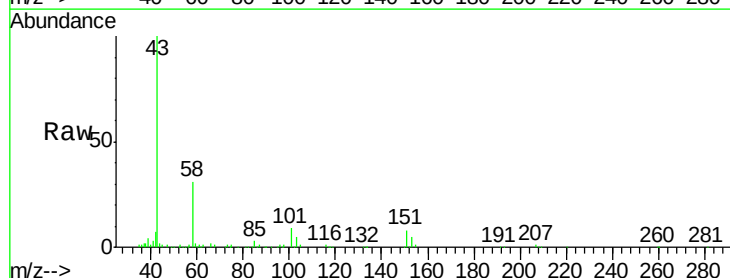
RT: 3.96 min Scan# 364

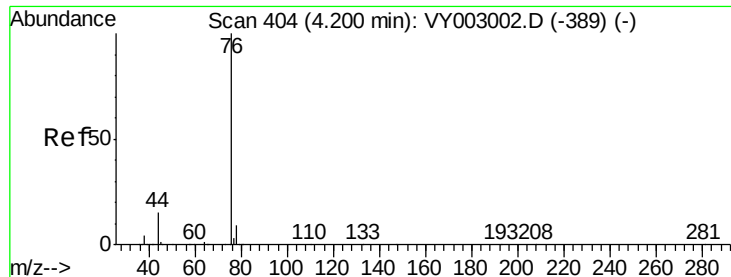
Delta R.T. 0.01 min

Lab File: VY003132.D

Acq: 07 Jul 2020 17:29

Tgt Ion:	43	Resp:	168528
Ion	Ratio	Lower	Upper
43	100		
58	30.9	24.7	37.1





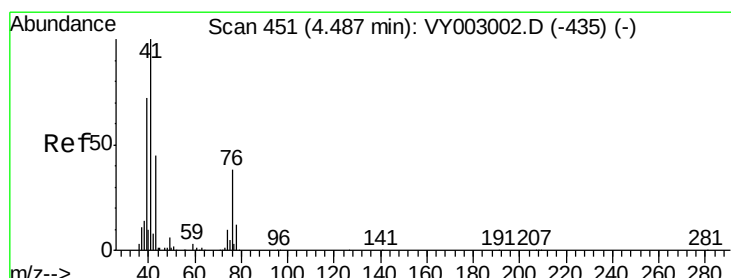
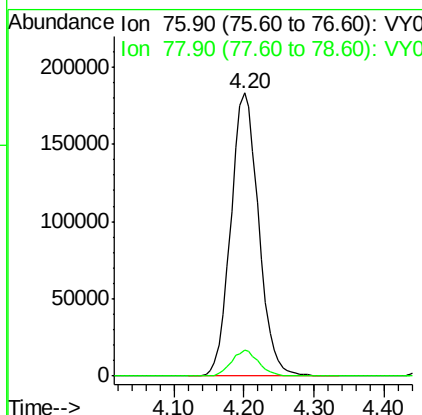
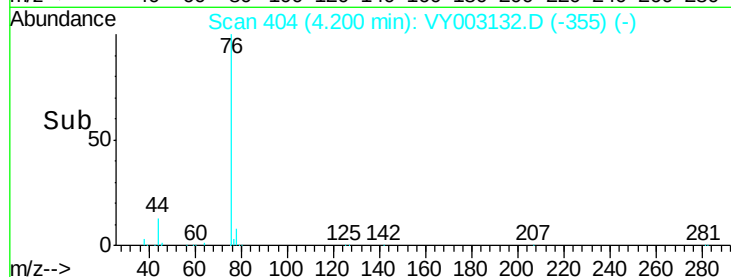
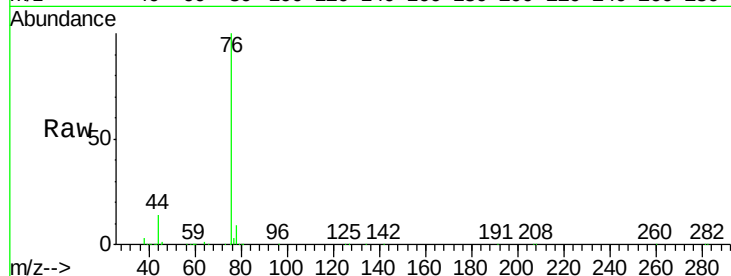
#17
Carbon Disulfide
Concen: 45.667 ug/l
RT: 4.20 min Scan# 404
Delta R.T. -0.00 min
Lab File: VY003132.D
Acq: 07 Jul 2020 17:29

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.0	10.6

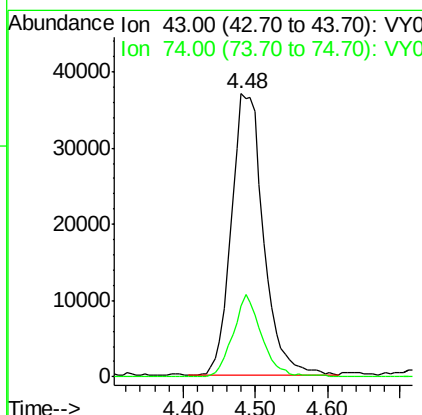
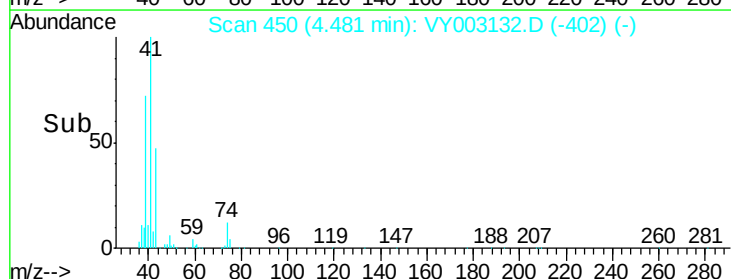
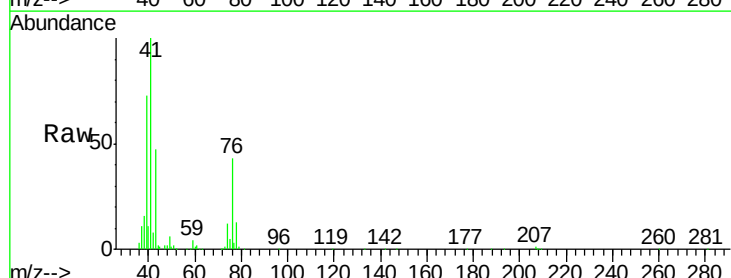
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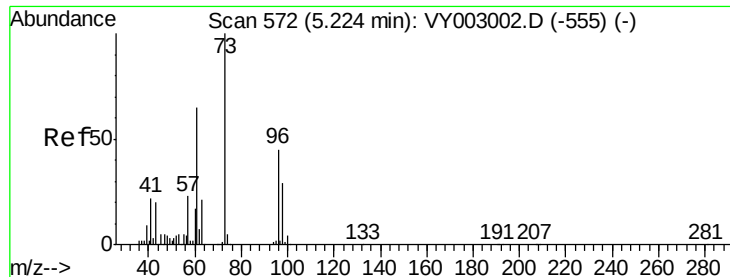
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#18
Methyl Acetate
Concen: 45.388 ug/l
RT: 4.48 min Scan# 450
Delta R.T. -0.01 min
Lab File: VY003132.D
Acq: 07 Jul 2020 17:29

Tgt Ion	Ratio	Lower	Upper
43	100		
74	26.4	18.2	27.4





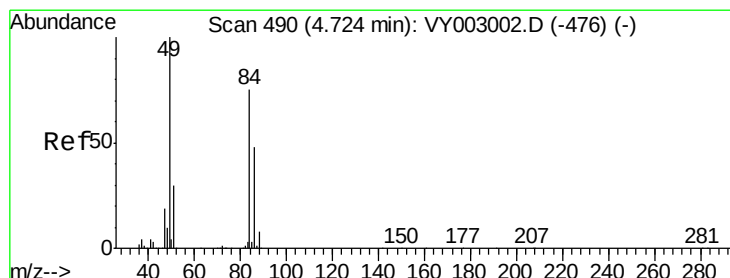
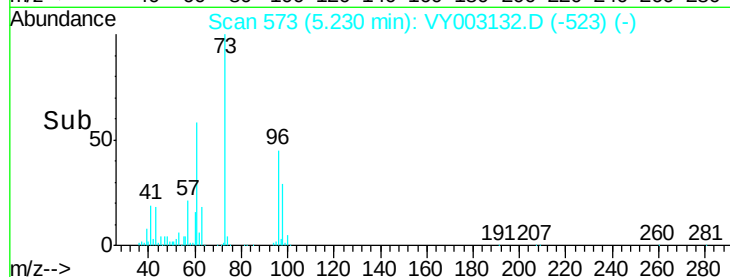
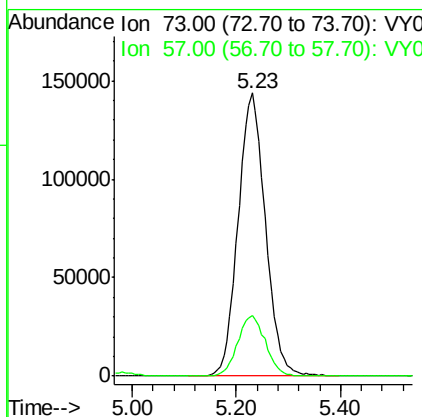
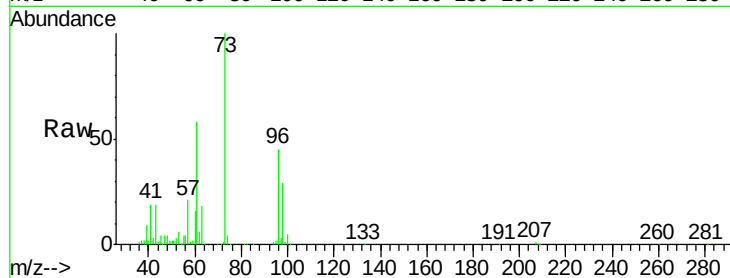
#19
Methyl tert-butyl Ether
Concen: 51.368 ug/l
RT: 5.23 min Scan# 573
Delta R.T. 0.01 min
Lab File: VY003132.D
Acq: 07 Jul 2020 17:29

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 520042
Ion Ratio Lower Upper
73 100
57 21.2 18.2 27.2

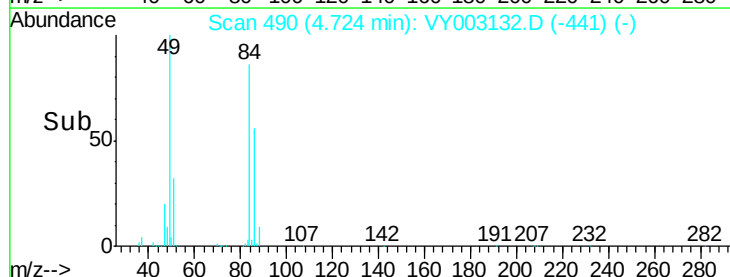
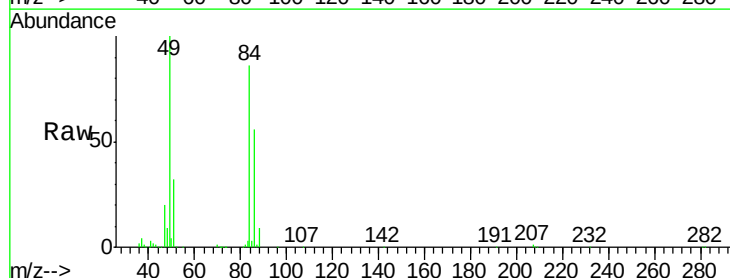
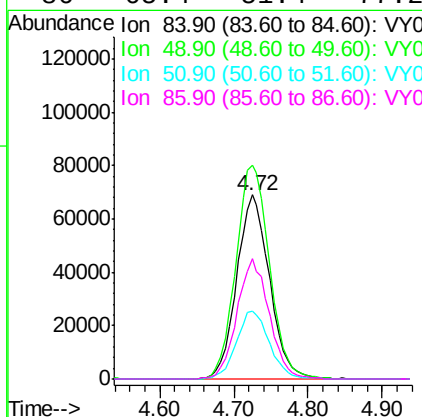
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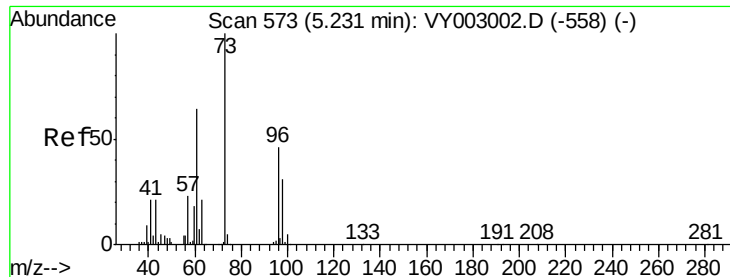
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#20
Methylene Chloride
Concen: 51.109 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY003132.D
Acq: 07 Jul 2020 17:29

Tgt Ion: 84 Resp: 213259
Ion Ratio Lower Upper
84 100
49 116.2 106.8 160.2
51 36.7 32.0 48.0
86 65.4 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 50.649 ug/l

RT: 5.22 min Scan# 572

Delta R.T. -0.01 min

Lab File: VY003132.D

Acq: 07 Jul 2020 17:29

Instrument :

MSVOA_Y

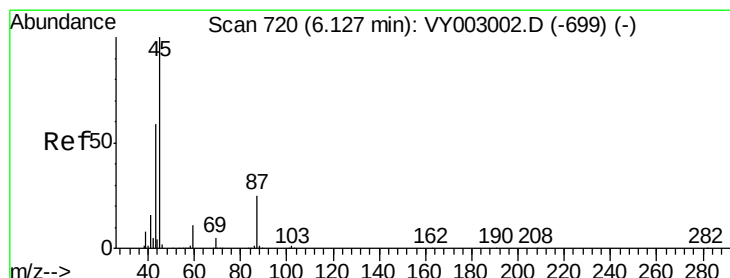
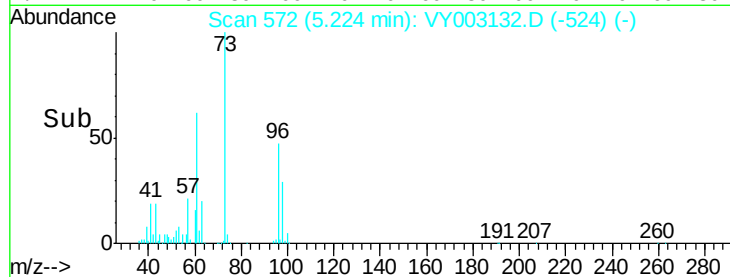
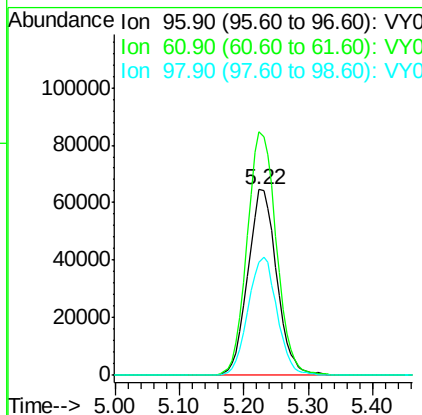
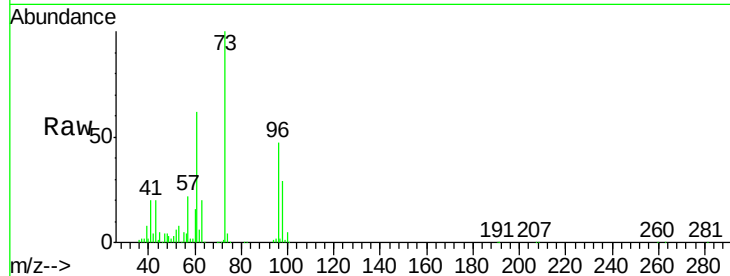
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	198979
Ion	Ratio	Lower	Upper
96	100		
61	131.1	112.3	168.5
98	61.2	53.8	80.8

Manual Integrations
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#22

Diisopropyl ether

Concen: 46.304 ug/l

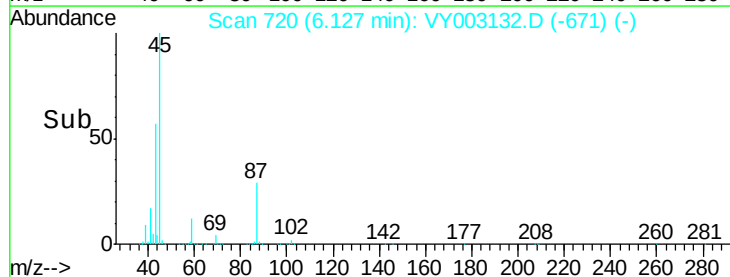
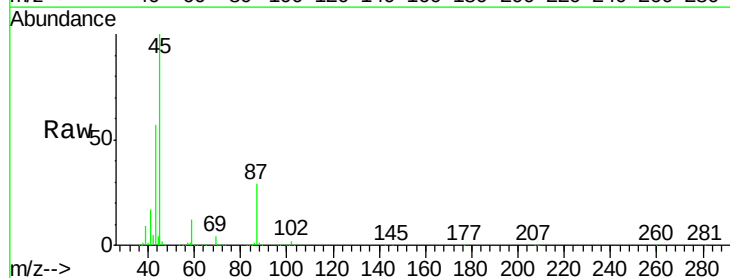
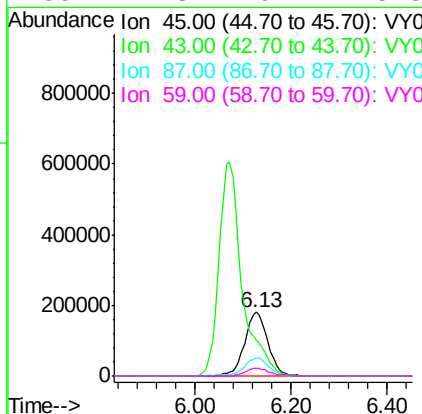
RT: 6.13 min Scan# 720

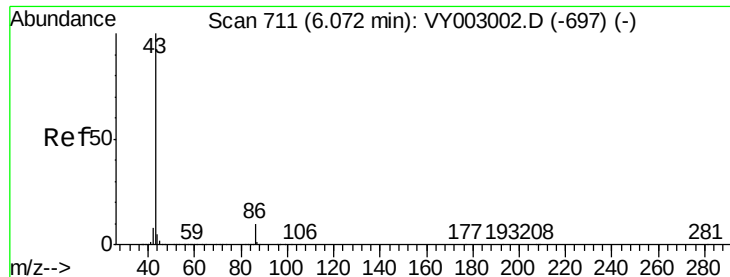
Delta R.T. -0.00 min

Lab File: VY003132.D

Acq: 07 Jul 2020 17:29

Tgt Ion:	45	Resp:	601804
Ion	Ratio	Lower	Upper
45	100		
43	56.8	47.4	71.2
87	28.6	20.2	30.2
59	11.8	9.2	13.8





#23

Vinyl Acetate

Concen: 233.325 ug/l

RT: 6.07 min Scan# 711

Delta R.T. -0.00 min

Lab File: VY003132.D

Acq: 07 Jul 2020 17:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 2027428

Ion Ratio Lower Upper

43 100

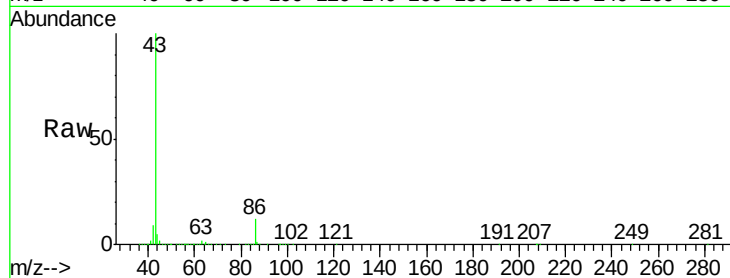
86 11.5 8.1 12.1

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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

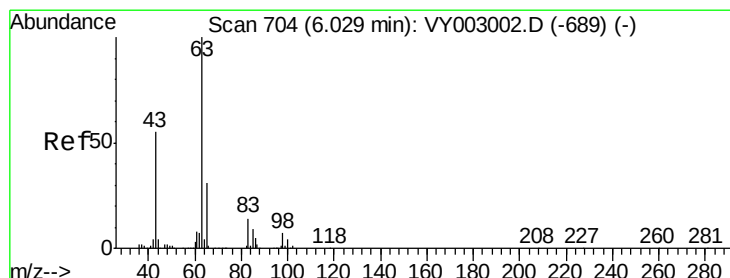
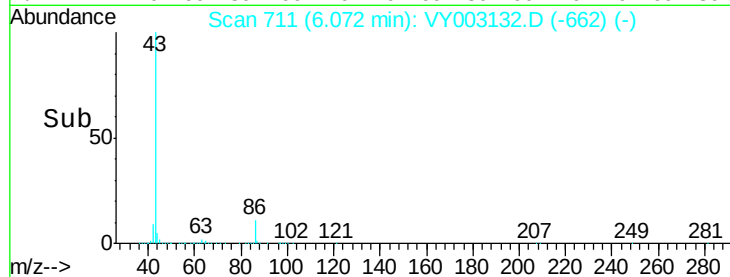
600000

400000

200000

0

Time-->



#24

1,1-Dichloroethane

Concen: 48.235 ug/l

RT: 6.03 min Scan# 704

Delta R.T. -0.00 min

Lab File: VY003132.D

Acq: 07 Jul 2020 17:29

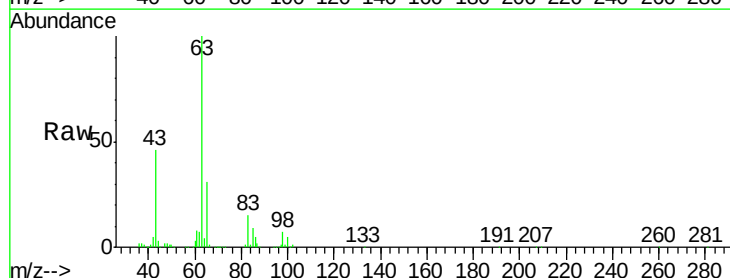
Tgt Ion: 63 Resp: 342453

Ion Ratio Lower Upper

63 100

98 7.1 3.4 10.1

100 4.5 2.3 6.8



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

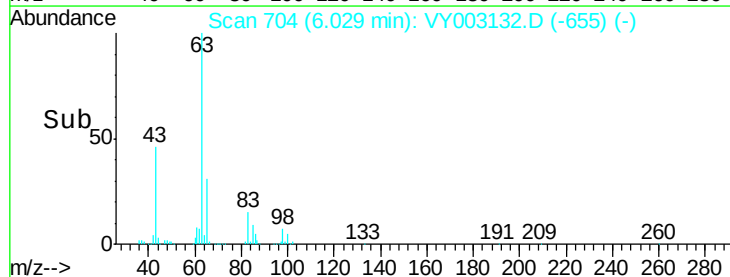
150000

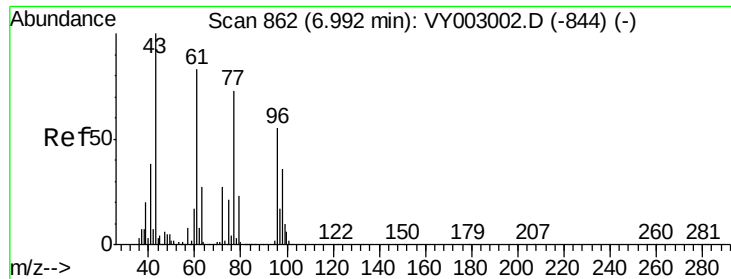
100000

50000

0

Time-->





#25

2-Butanone

Concen: 210.576 ug/l

RT: 7.00 min Scan# 863

Delta R.T. 0.01 min

Lab File: VY003132.D

Acq: 07 Jul 2020 17:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 313728

Ion Ratio Lower Upper

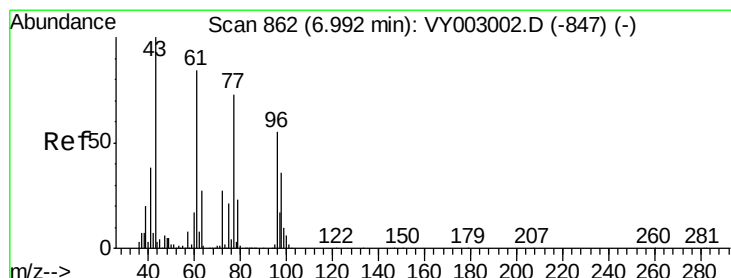
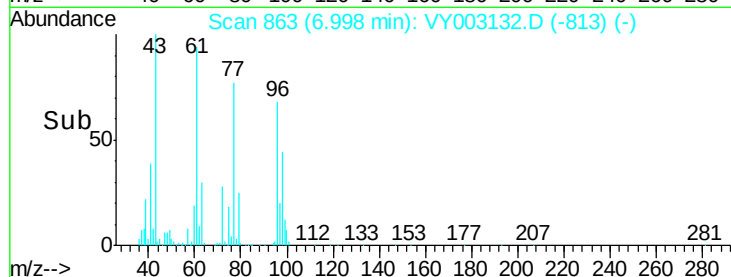
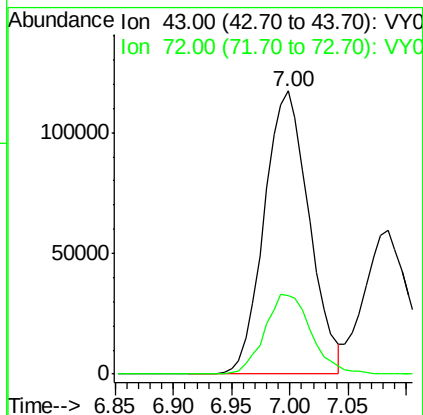
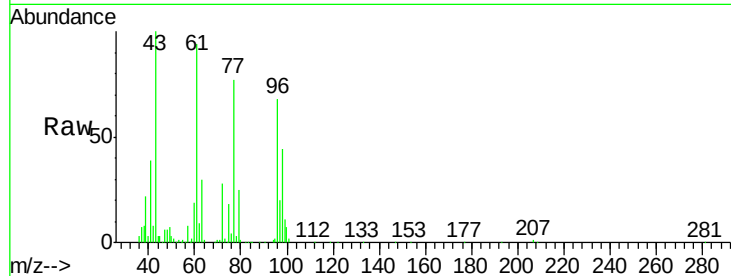
43 100

72 27.6 21.4 32.0

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#26

2,2-Dichloropropane

Concen: 46.986 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.00 min

Lab File: VY003132.D

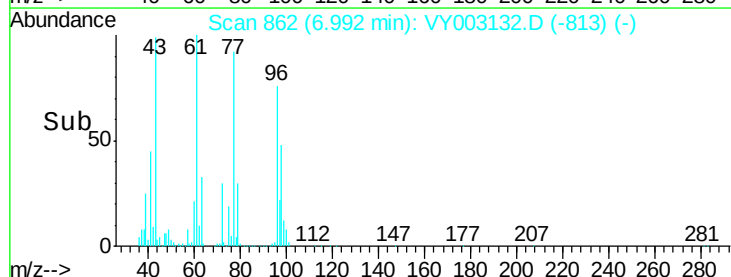
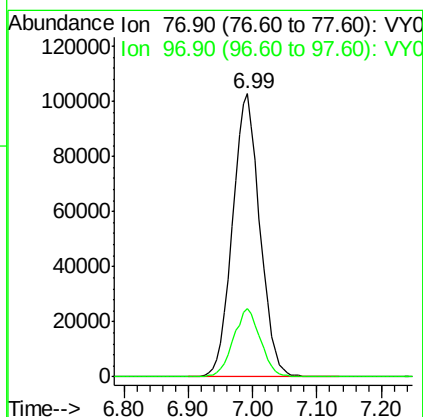
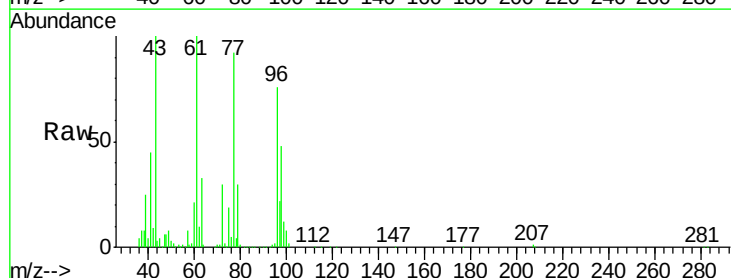
Acq: 07 Jul 2020 17:29

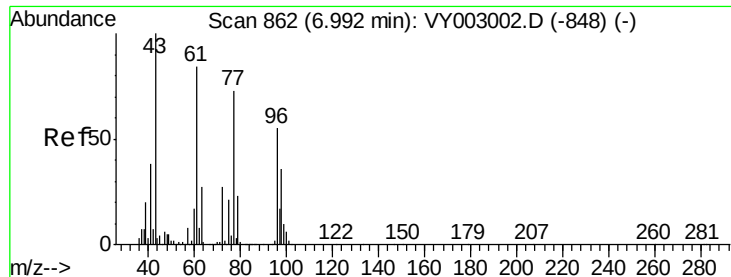
Tgt Ion: 77 Resp: 303079

Ion Ratio Lower Upper

77 100

97 23.8 11.3 33.9





#27

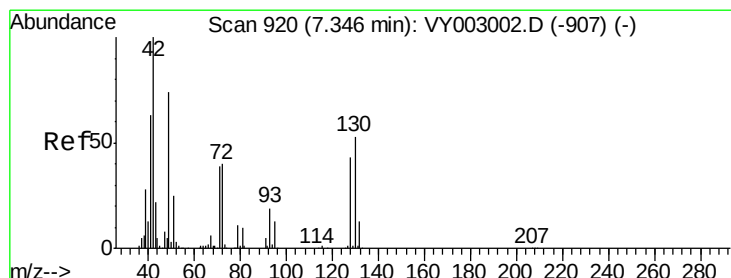
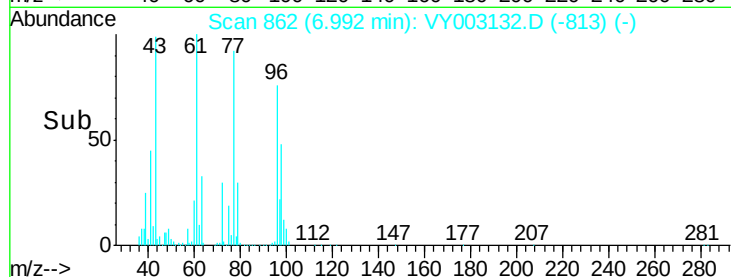
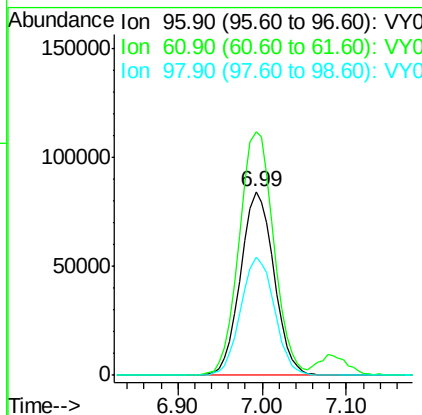
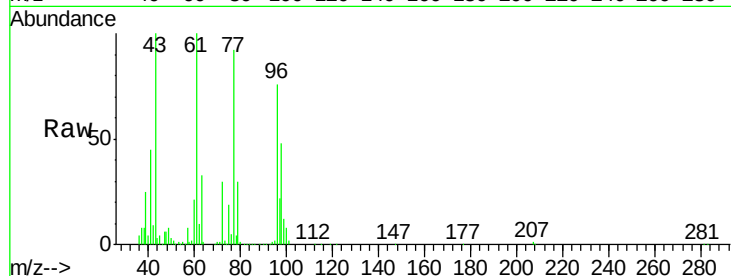
cis-1,2-Dichloroethene
Concen: 51.473 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.00 min
Lab File: VY003132.D
Acq: 07 Jul 2020 17:29

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	137.3	0.0	301.2
98	64.9	0.0	129.0

Manual Integrations
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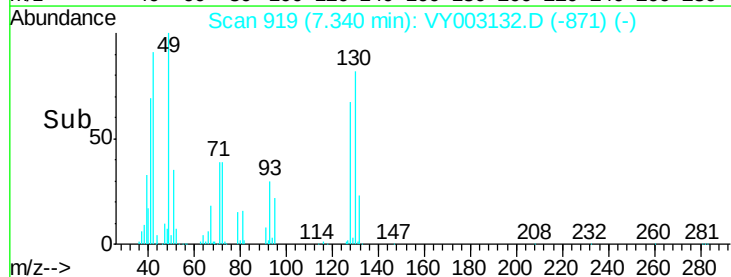
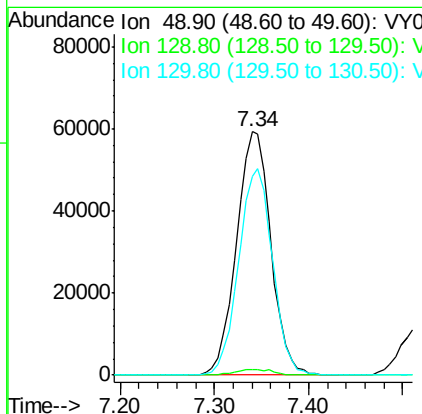
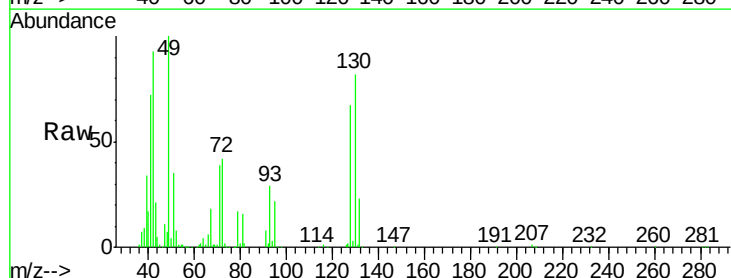
MMDadoda
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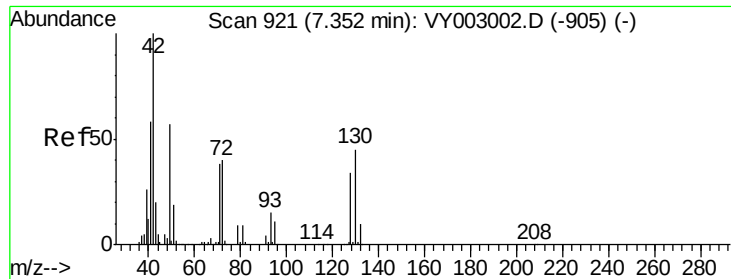


#28

Bromochloromethane
Concen: 47.866 ug/l
RT: 7.34 min Scan# 919
Delta R.T. -0.01 min
Lab File: VY003132.D
Acq: 07 Jul 2020 17:29

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	4.4
130	83.8	57.0	85.6





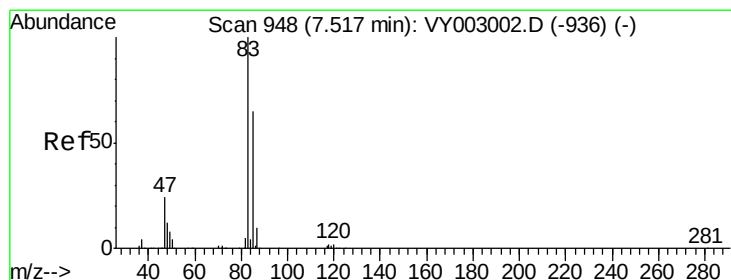
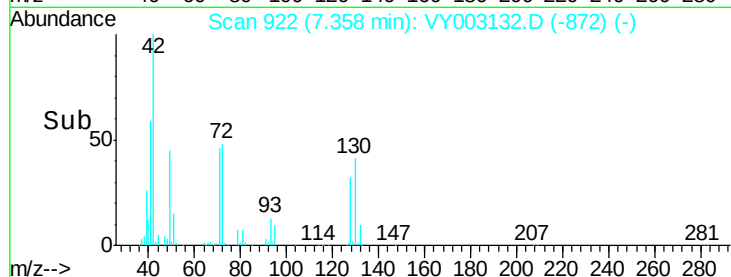
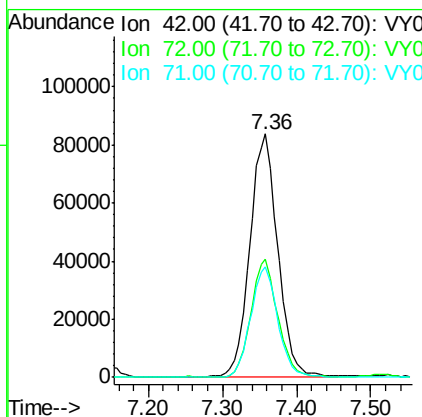
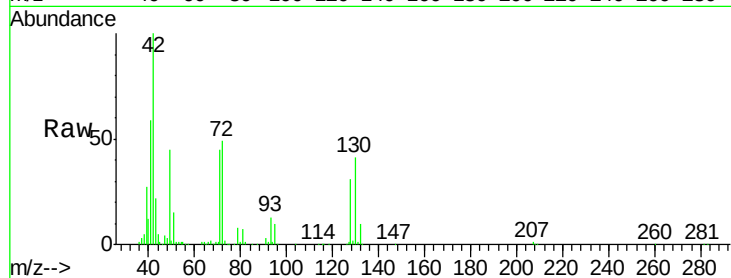
#29
Tetrahydrofuran
Concen: 223.000 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.01 min
Lab File: VY003132.D
Acq: 07 Jul 2020 17:29

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.4	32.9	49.3
71	44.2	31.2	46.8

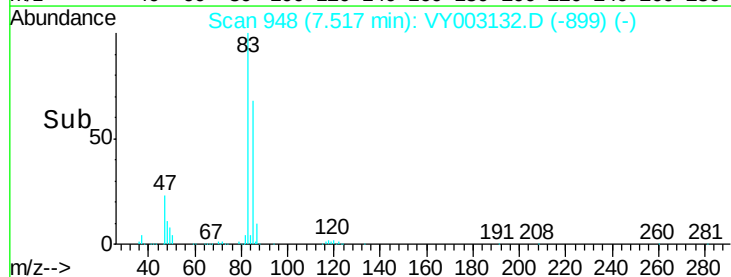
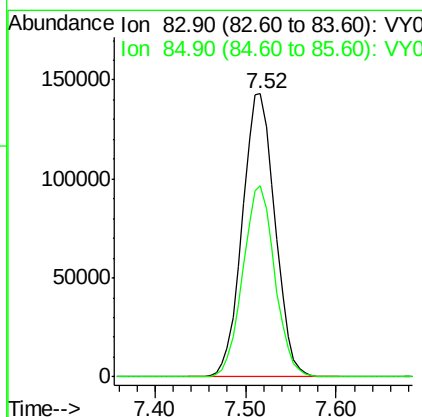
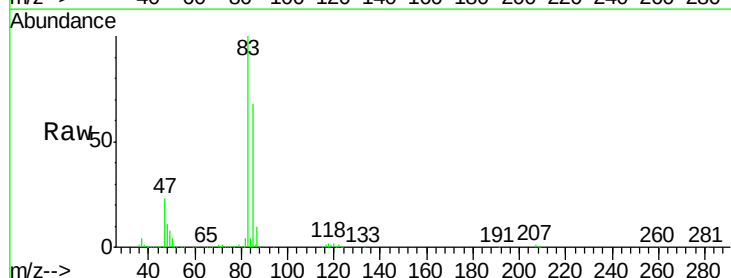
Manual Integrations
APPROVED

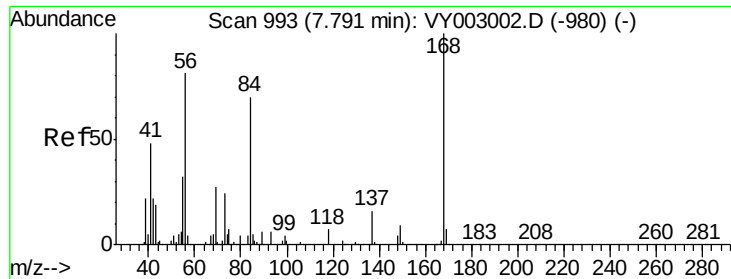
MMDadoda
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#30
Chloroform
Concen: 50.781 ug/l
RT: 7.52 min Scan# 948
Delta R.T. -0.00 min
Lab File: VY003132.D
Acq: 07 Jul 2020 17:29

Tgt Ion	Ratio	Lower	Upper
83	100		
85	67.8	51.7	77.5





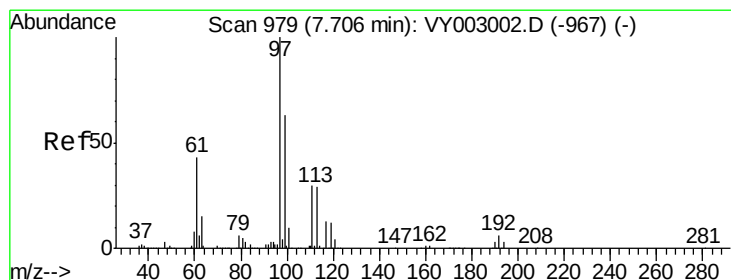
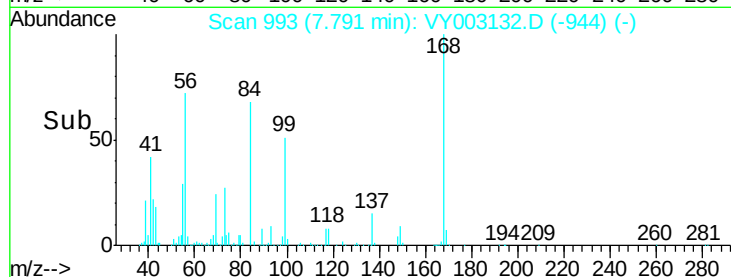
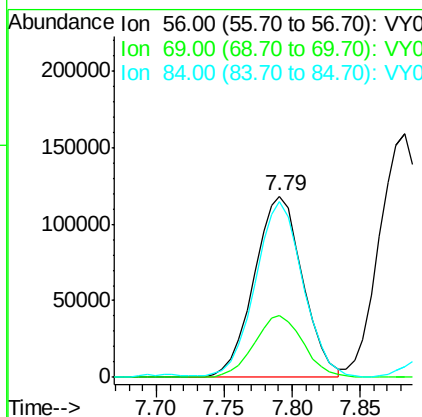
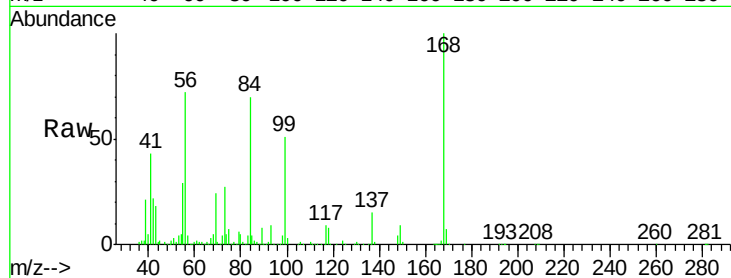
#31
Cyclohexane
Concen: 42.207 ug/l
RT: 7.79 min Scan# 993
Delta R.T. -0.00 min
Lab File: VY003132.D
Acq: 07 Jul 2020 17:29

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	34.1	27.0	40.4
84	95.9	68.1	102.1

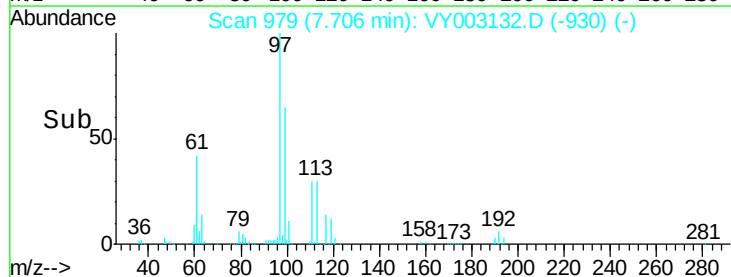
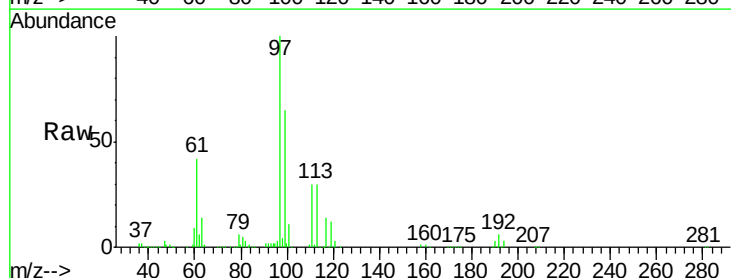
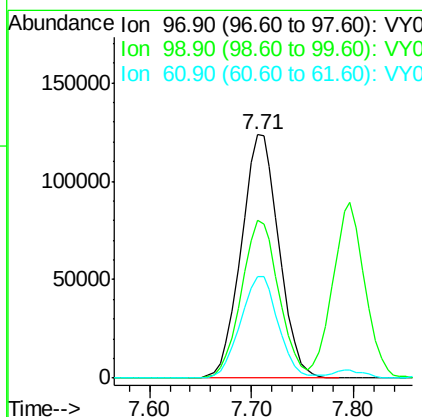
Manual Integrations
APPROVED

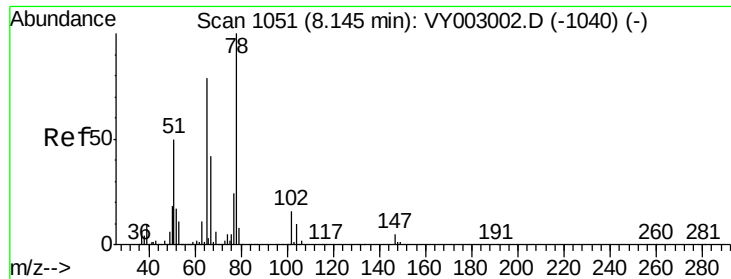
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#32
1,1,1-Trichloroethane
Concen: 49.502 ug/l
RT: 7.71 min Scan# 979
Delta R.T. -0.00 min
Lab File: VY003132.D
Acq: 07 Jul 2020 17:29

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.5	51.4	77.2
61	41.7	33.9	50.9





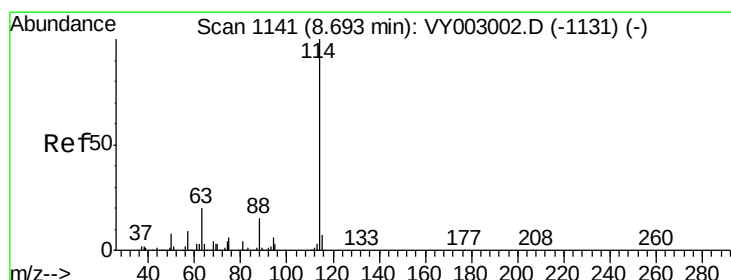
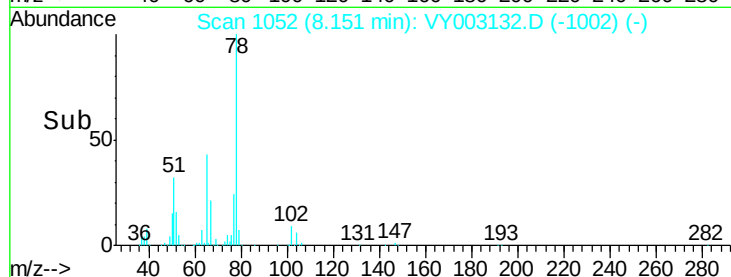
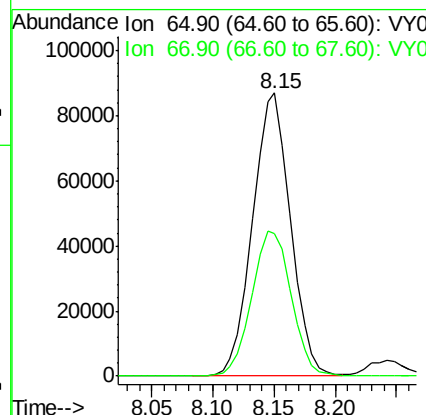
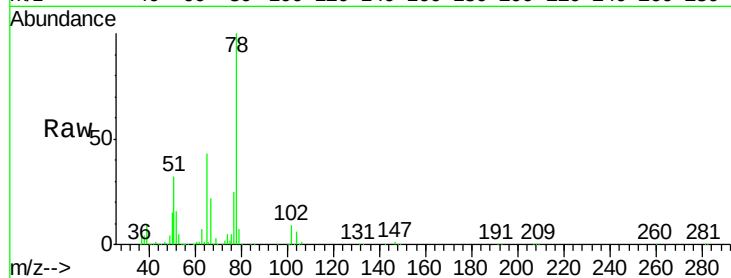
#33
 1,2-Dichloroethane-d4
 Concen: 47.255 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.01 min
 Lab File: VY003132.D
 Acq: 07 Jul 2020 17:29

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	187918		
67	53.4	0.0	105.6	

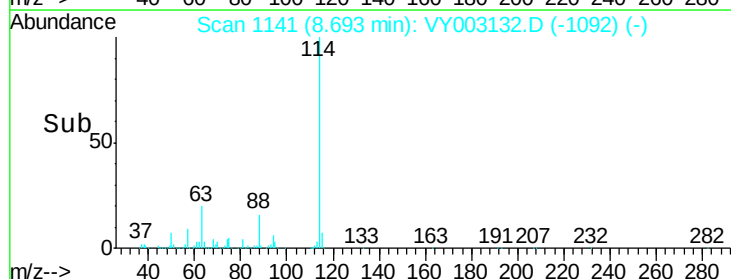
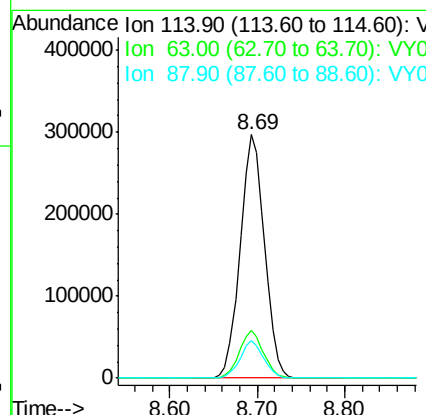
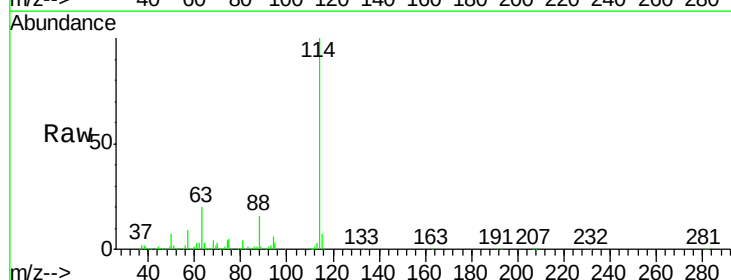
Manual Integrations
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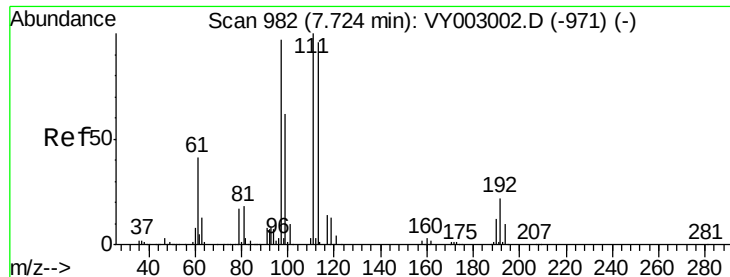
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY003132.D
 Acq: 07 Jul 2020 17:29

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	574930		
63	19.7	0.0	40.6	
88	15.6	0.0	30.0	





#35

Dibromofluoromethane

Concen: 52.257 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.00 min

Lab File: VY003132.D

Acq: 07 Jul 2020 17:29

Instrument :

MSVOA_Y

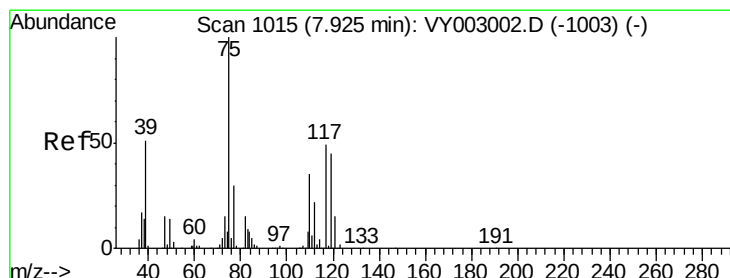
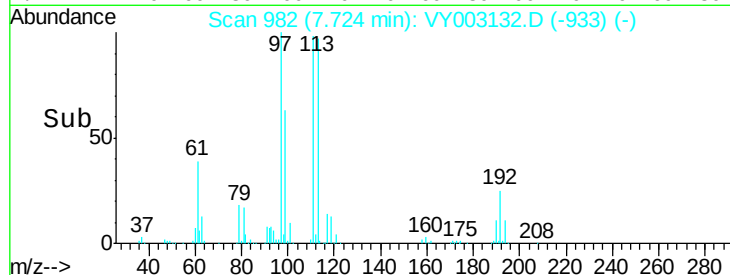
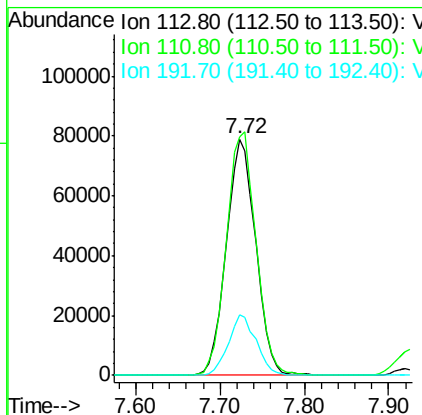
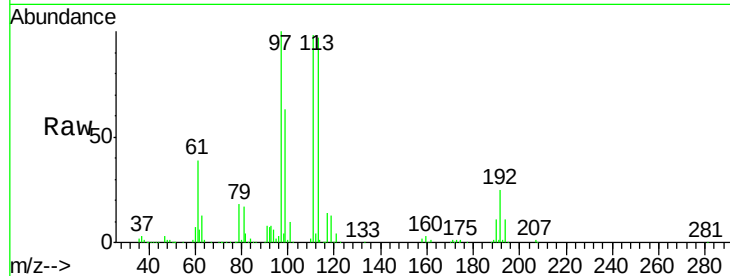
ClientSampleId :

VSTDCCC050EC

Tot Ion:	113	Resp:	187421
Ion Ratio	Lower	Upper	
113	100		
111	104.0	82.6	123.8
192	24.2	18.1	27.1

Manual Integrations
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7/8/2020 12:20:51 PM



#36

1,1-Dichloropropene

Concen: 48.735 ug/l

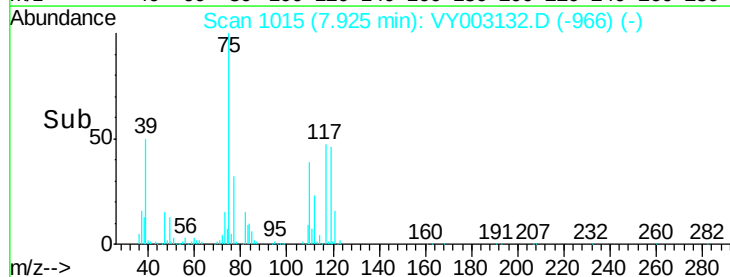
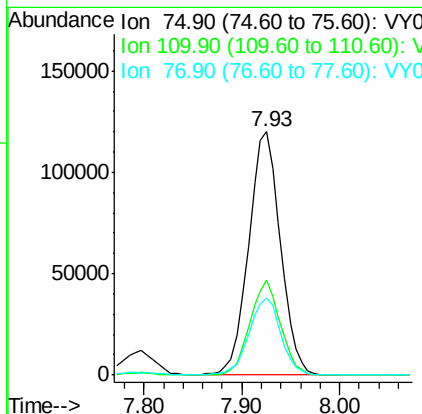
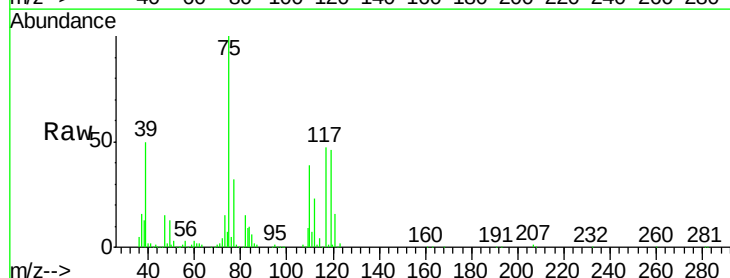
RT: 7.93 min Scan# 1015

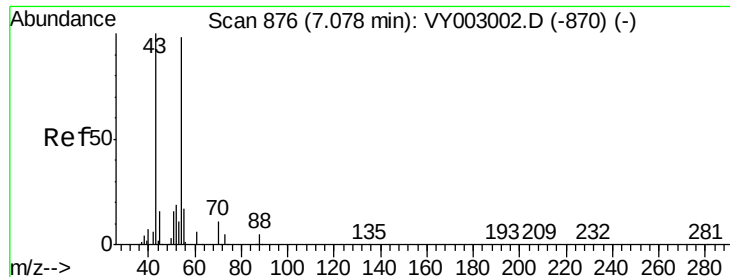
Delta R.T. -0.00 min

Lab File: VY003132.D

Acq: 07 Jul 2020 17:29

Tgt Ion:	75	Resp:	269890
Ion Ratio	Lower	Upper	
75	100		
110	37.4	17.1	51.2
77	31.5	24.9	37.3





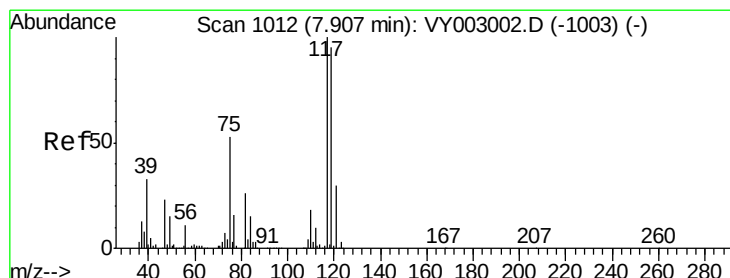
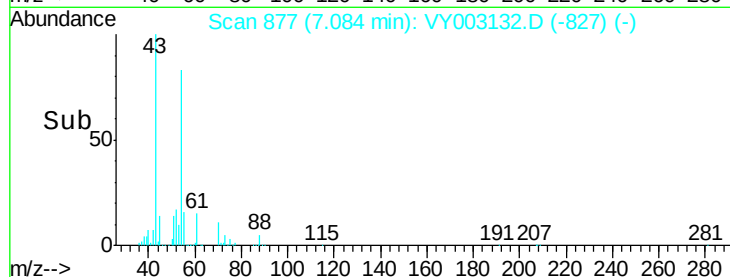
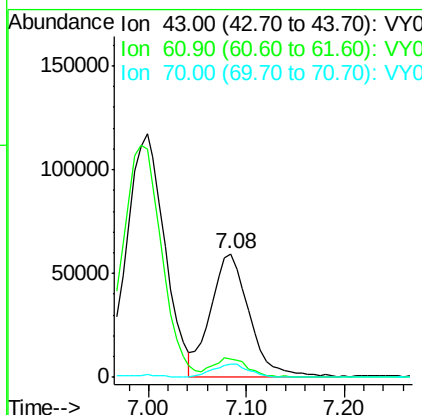
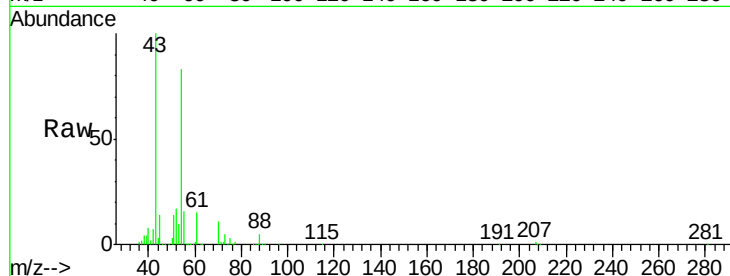
#37
Ethyl Acetate
Concen: 48.552 ug/l
RT: 7.08 min Scan# 877
Delta R.T. 0.01 min
Lab File: VY003132.D
Acq: 07 Jul 2020 17:29

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.3	10.4	15.6
70	10.4	7.7	11.5

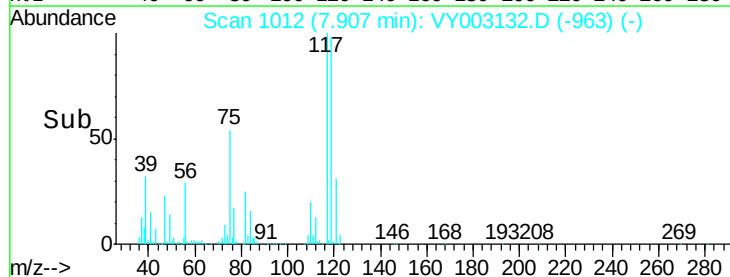
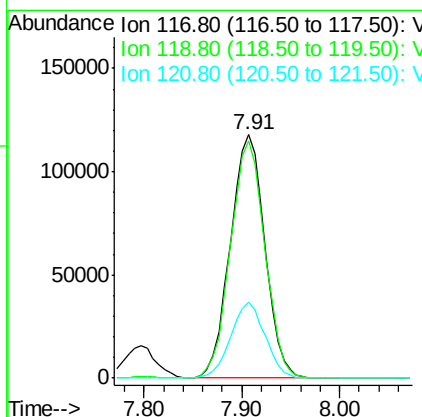
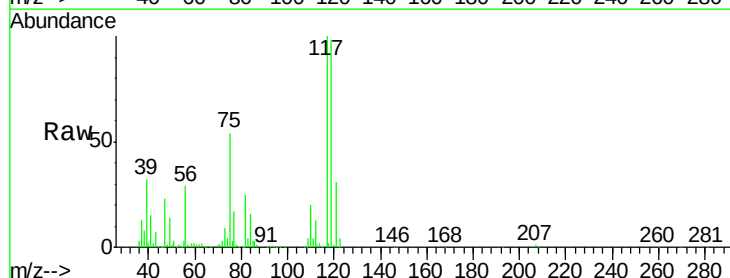
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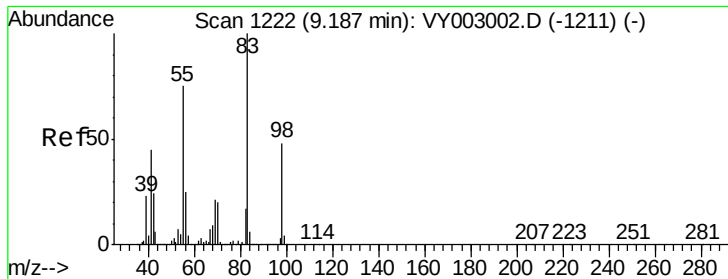
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#38
Carbon Tetrachloride
Concen: 50.050 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VY003132.D
Acq: 07 Jul 2020 17:29

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.4	75.7	113.5
121	31.2	23.9	35.9





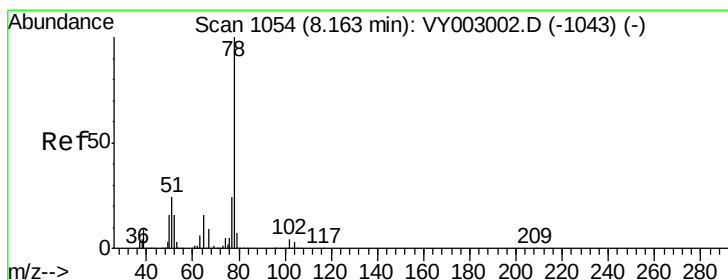
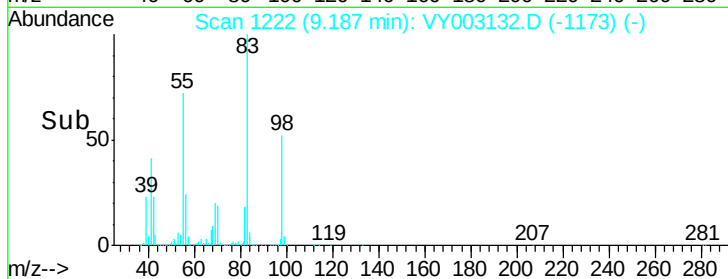
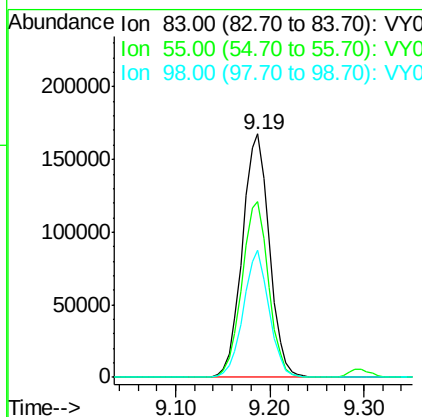
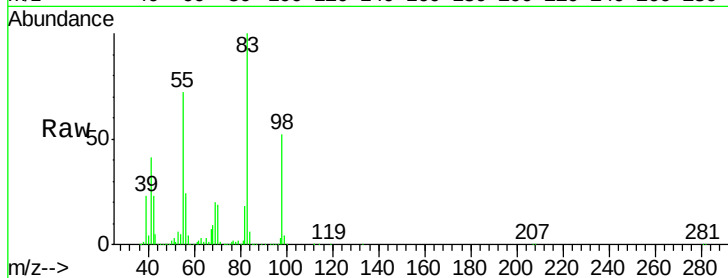
#39
Methylvlcyclohexane
Concen: 48.958 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY003132.D
Acq: 07 Jul 2020 17:29

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	71.9	59.9	89.9
98	52.3	38.7	58.1

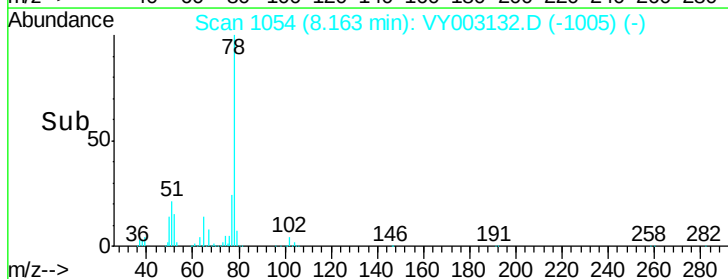
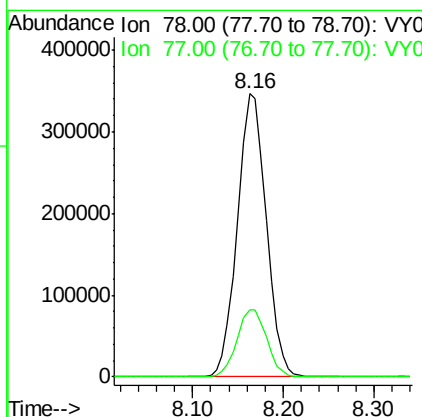
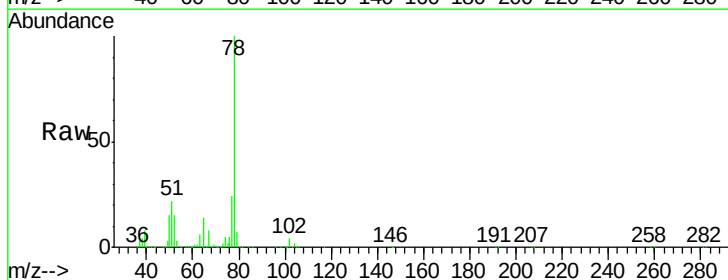
Manual Integrations
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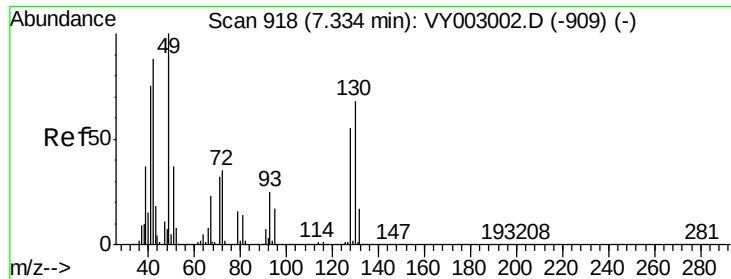
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7/8/2020 12:20:51 PM



#40
Benzene
Concen: 50.461 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VY003132.D
Acq: 07 Jul 2020 17:29

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	19.2	28.8





#41

Methacrylonitrile

Concen: 50.749 ug/l m

RT: 7.33 min Scan# 918

Delta R.T. 0.00 min

Lab File: VY003132.D

Acq: 07 Jul 2020 17:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 90266

Ion Ratio Lower Upper

41 100

39 110.0 85.7 128.5

67 0.0 0.0 0.0

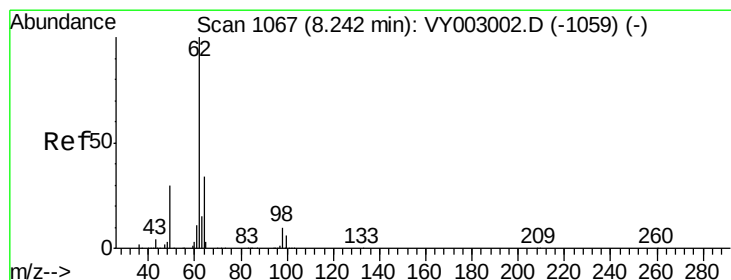
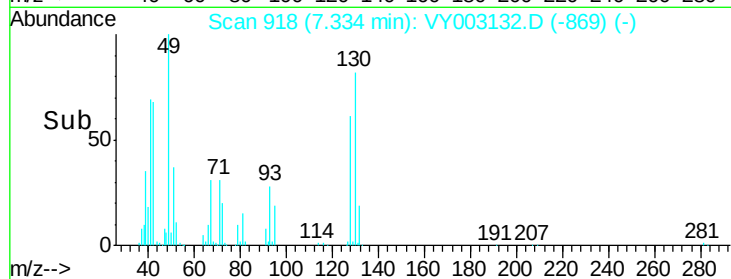
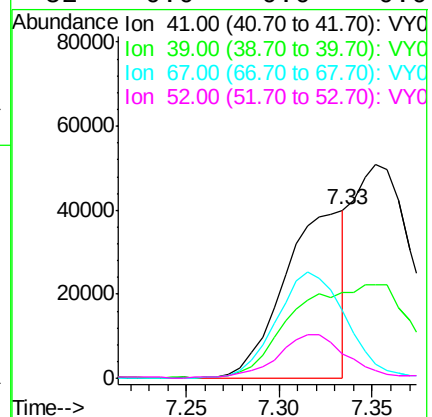
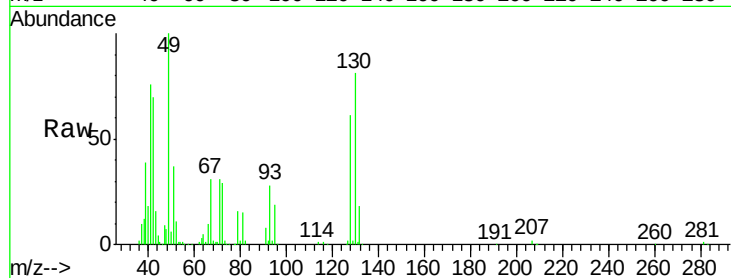
52 0.0 0.0 0.0

Manual Integrations

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7/8/2020 12:20:51 PM



#42

1,2-Dichloroethane

Concen: 49.968 ug/l

RT: 8.24 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VY003132.D

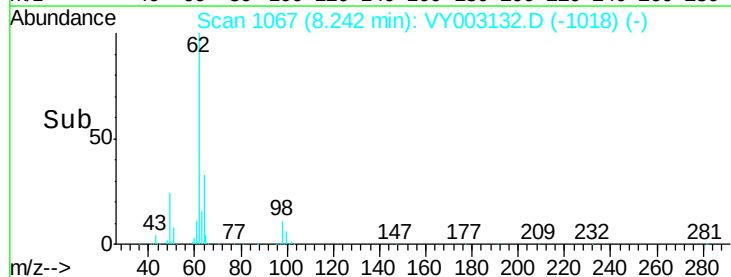
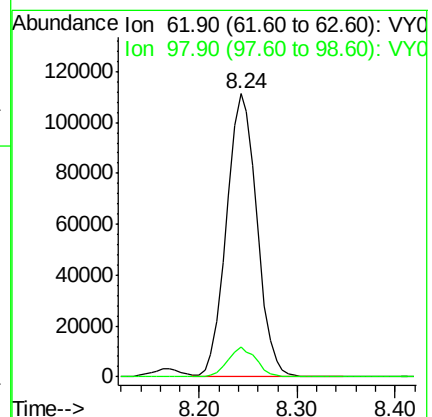
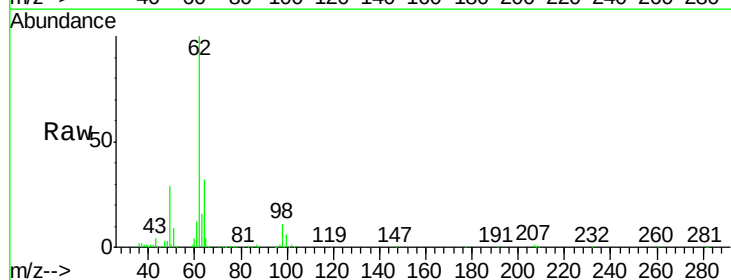
Acq: 07 Jul 2020 17:29

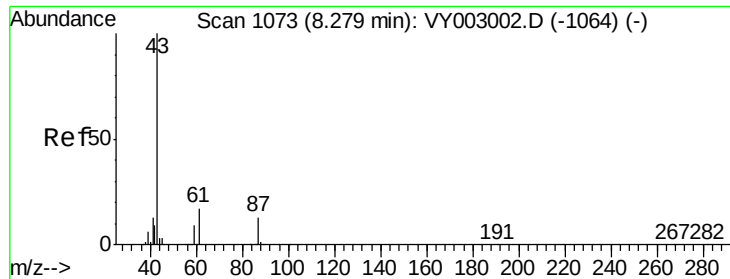
Tgt Ion: 62 Resp: 239666

Ion Ratio Lower Upper

62 100

98 10.1 0.0 19.2





#43

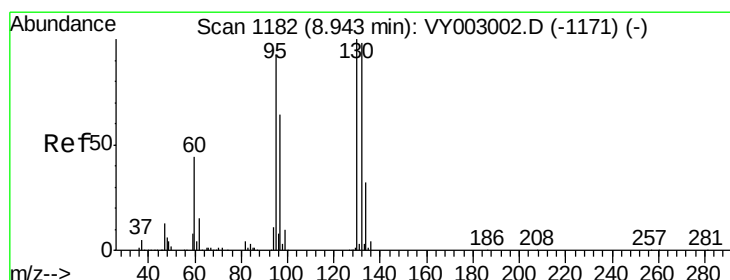
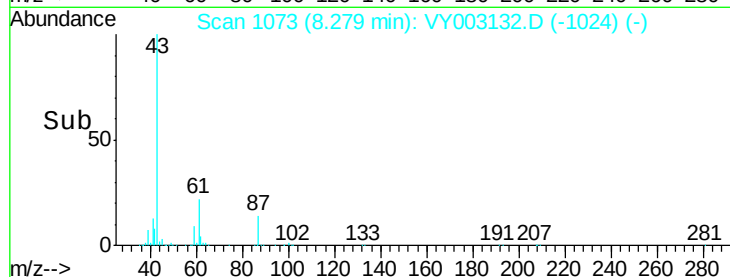
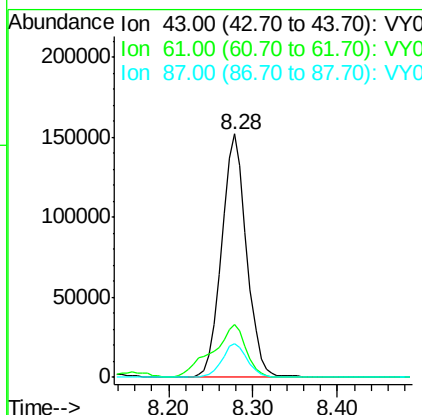
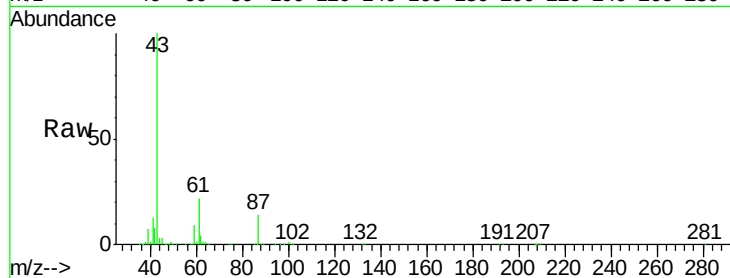
Isopropyl Acetate
 Concen: 48.368 ug/l
 RT: 8.28 min Scan# 1073
 Delta R.T. -0.00 min
 Lab File: VY003132.D
 Acq: 07 Jul 2020 17:29

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	29.6	21.8	32.6
87	14.2	10.1	15.1

Manual Integrations
 APPROVED

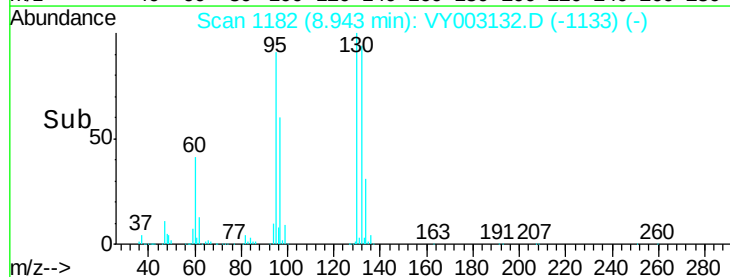
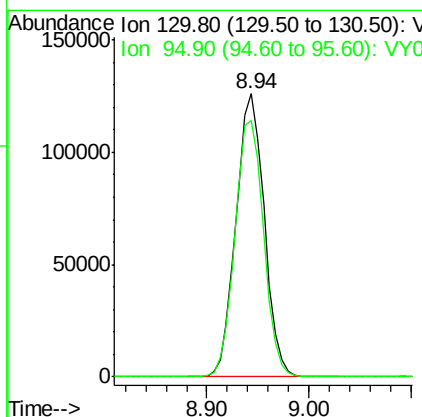
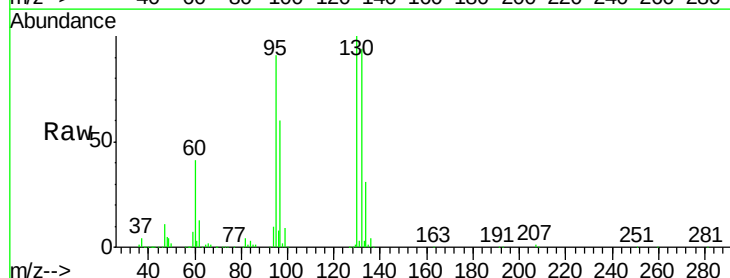
MMDadoda
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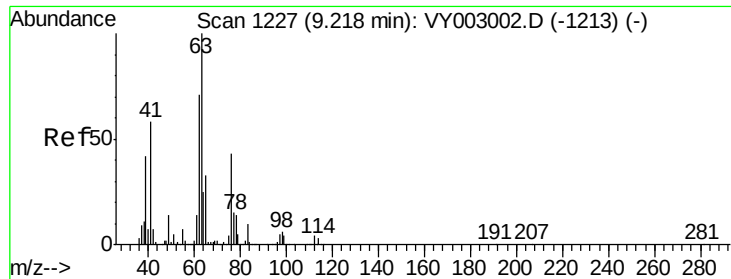


#44

Trichloroethene
 Concen: 54.884 ug/l
 RT: 8.94 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: VY003132.D
 Acq: 07 Jul 2020 17:29

Tgt Ion	Ratio	Lower	Upper
130	100		
95	90.8	0.0	186.4





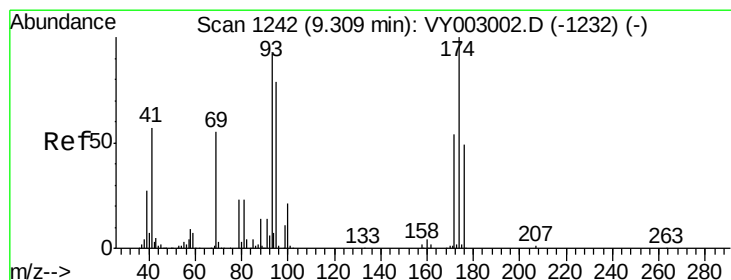
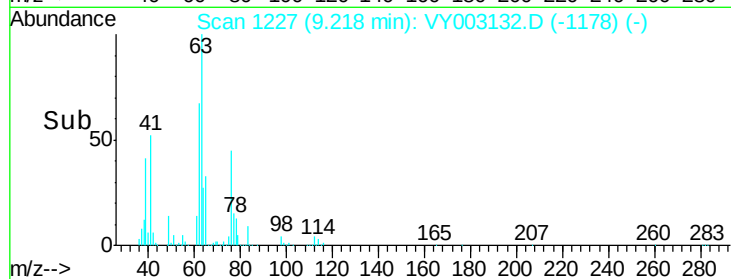
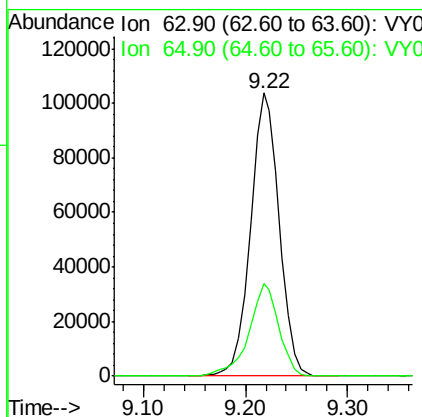
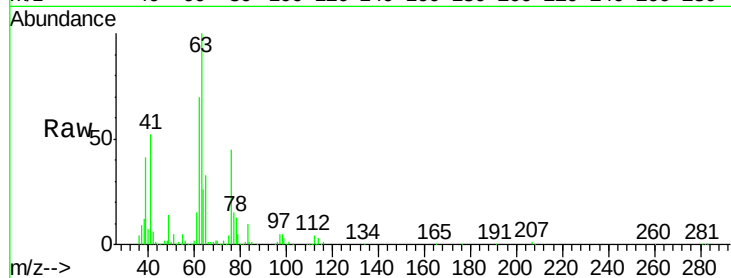
#45
 1,2-Dichloropropane
 Concen: 49.520 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. -0.00 min
 Lab File: VY003132.D
 Acq: 07 Jul 2020 17:29

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	63	Resp	201989
Ion Ratio	Lower	Upper	
63	100		
65	32.8	26.2	39.4

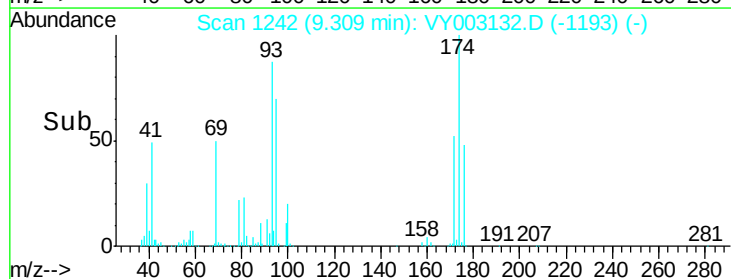
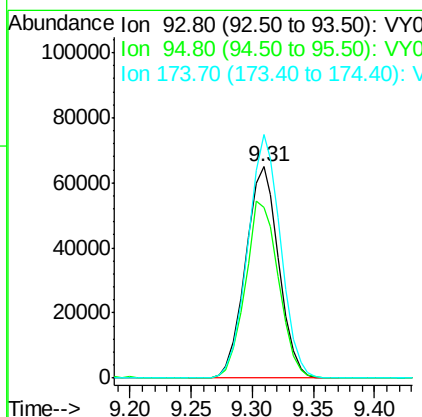
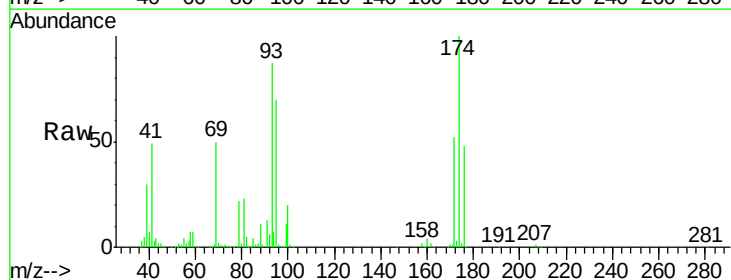
Manual Integrations
 APPROVED

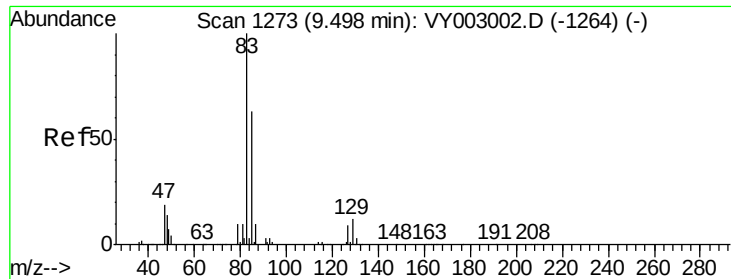
MMDadoda
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#46
 Dibromomethane
 Concen: 53.804 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.00 min
 Lab File: VY003132.D
 Acq: 07 Jul 2020 17:29

Tgt Ion	93	Resp	122574
Ion Ratio	Lower	Upper	
93	100		
95	83.4	67.6	101.4
174	113.9	88.3	132.5





#47

Bromodichloromethane

Concen: 52.055 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.00 min

Lab File: VY003132.D

Acq: 07 Jul 2020 17:29

Instrument :

MSVOA_Y

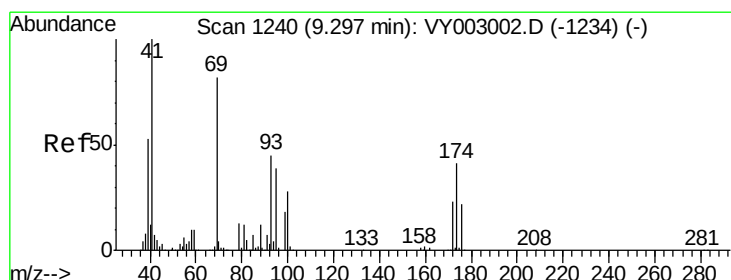
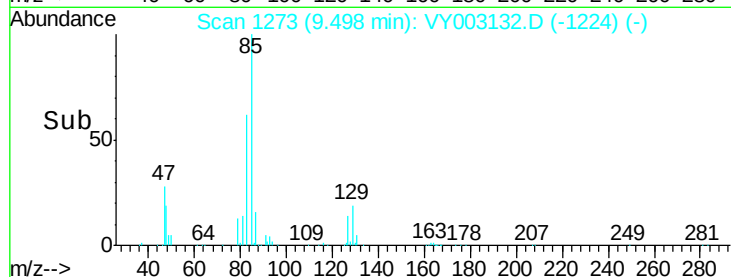
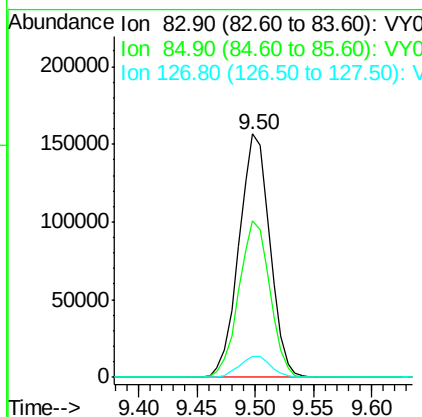
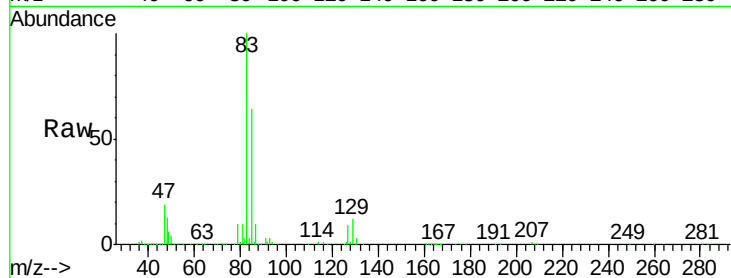
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	290386
Ion	Ratio	Lower	Upper
83	100		
85	64.2	50.5	75.7
127	8.7	7.0	10.4

Manual Integrations
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#48

Methyl methacrylate

Concen: 46.990 ug/l

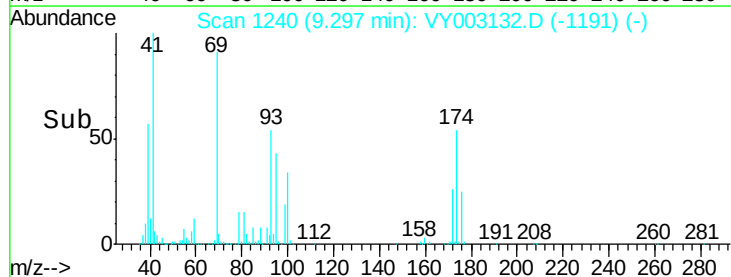
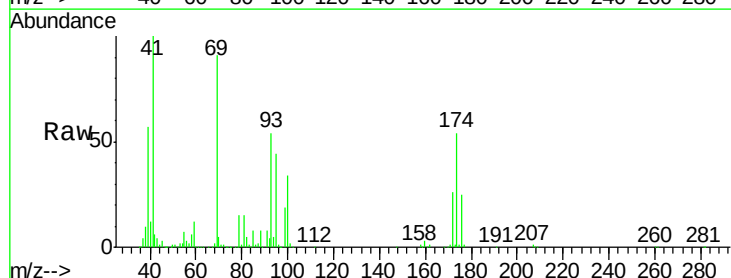
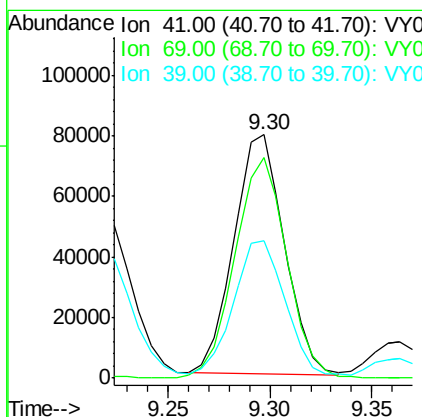
RT: 9.30 min Scan# 1240

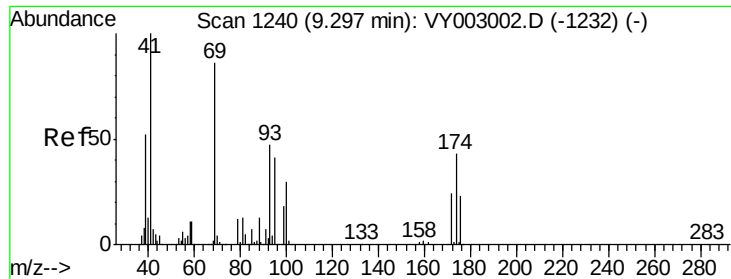
Delta R.T. -0.00 min

Lab File: VY003132.D

Acq: 07 Jul 2020 17:29

Tgt Ion:	41	Resp:	135388
Ion	Ratio	Lower	Upper
41	100		
69	94.3	67.7	101.5
39	60.1	45.0	67.4





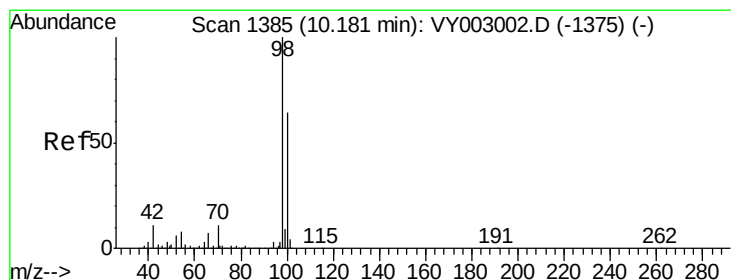
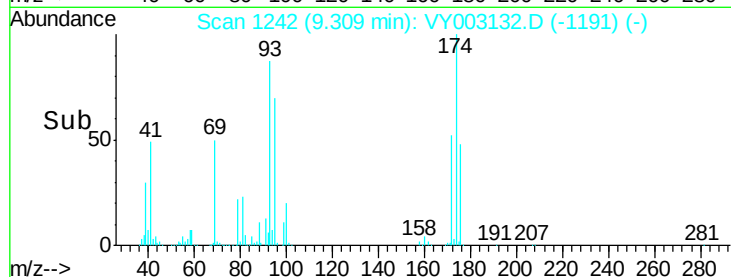
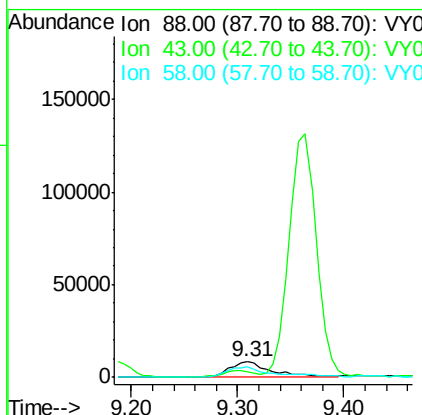
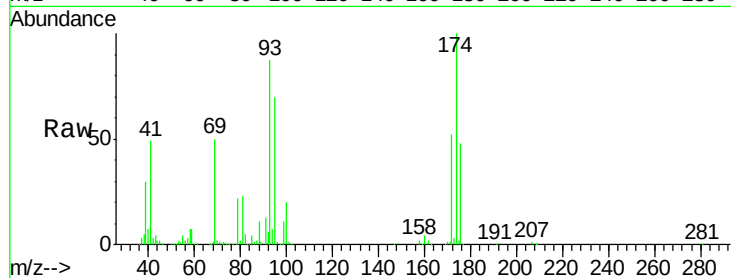
#49
1,4-Dioxane
Concen: 880.843 ug/l
RT: 9.31 min Scan# 1242
Delta R.T. 0.01 min
Lab File: VY003132.D
Acq: 07 Jul 2020 17:29

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	88	Resp	24496
Ion Ratio	100	Lower	Upper
88	100		
43	29.7	28.6	42.8
58	58.0	56.7	85.1

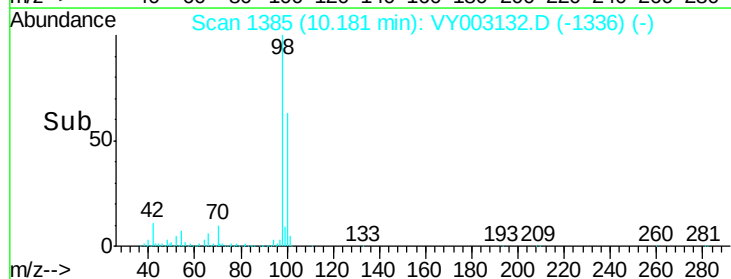
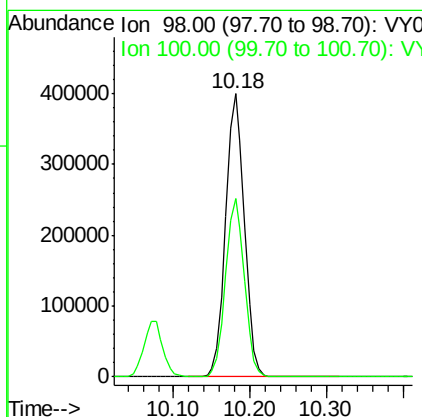
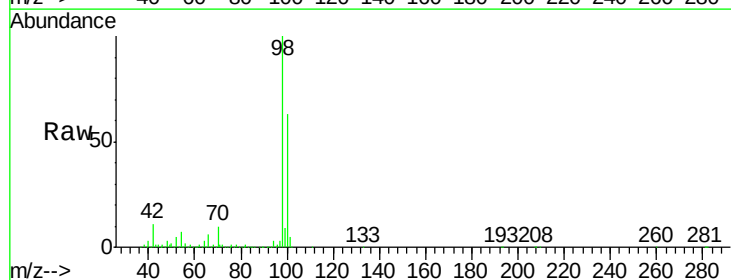
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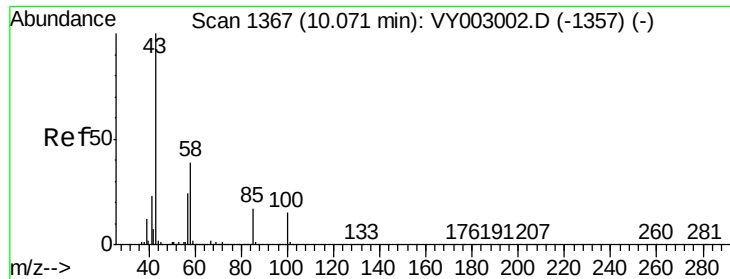
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#50
Toluene-d8
Concen: 50.476 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY003132.D
Acq: 07 Jul 2020 17:29

Tgt Ion	98	Resp	674433
Ion Ratio	100	Lower	Upper
98	100		
100	63.3	51.1	76.7





#51

4-Methyl-2-Pentanone

Concen: 245.761 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. -0.00 min

Lab File: VY003132.D

Acq: 07 Jul 2020 17:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 804053

Ion Ratio Lower Upper

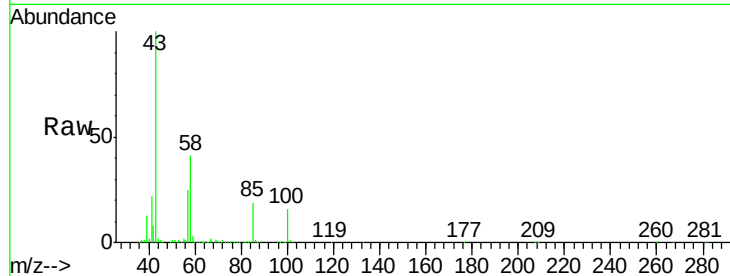
43 100

58 41.3 31.1 46.7

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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

10.07

500000

400000

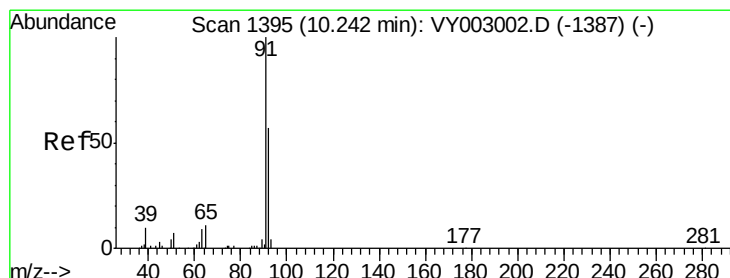
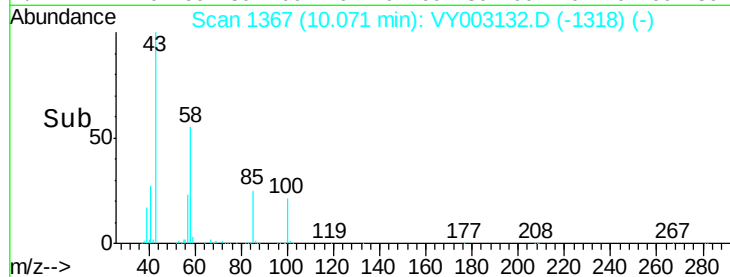
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 52.157 ug/l

RT: 10.25 min Scan# 1396

Delta R.T. 0.01 min

Lab File: VY003132.D

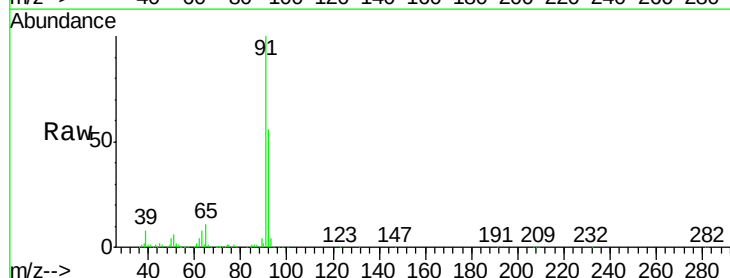
Acq: 07 Jul 2020 17:29

Tgt Ion: 92 Resp: 497797

Ion Ratio Lower Upper

92 100

91 175.0 139.6 209.4



Abundance Ion 92.00 (91.70 to 92.70): VY0

Ion 91.00 (90.70 to 91.70): VY0

10.25

600000

500000

400000

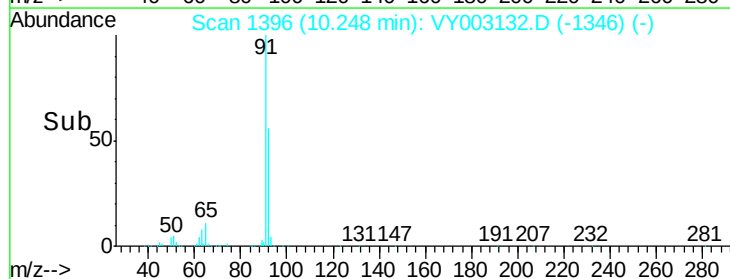
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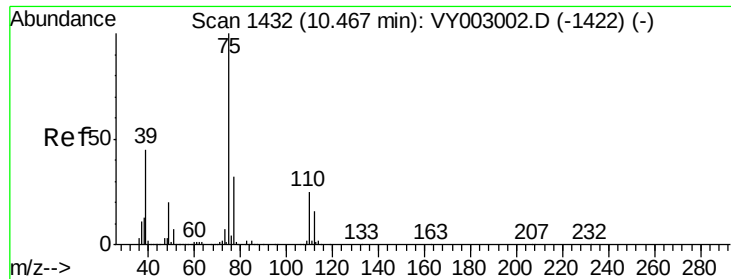
200000

100000

0

Time-->





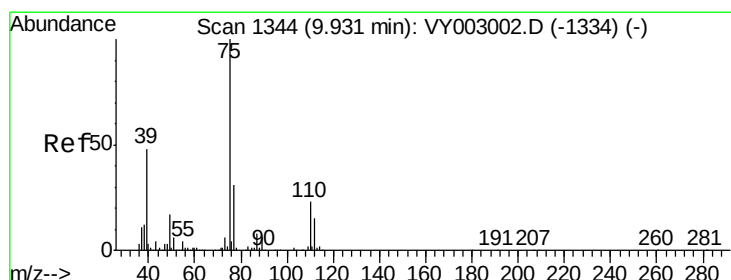
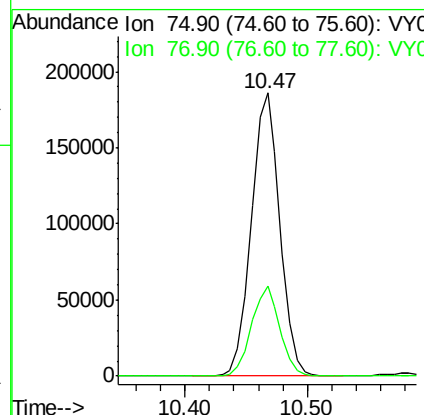
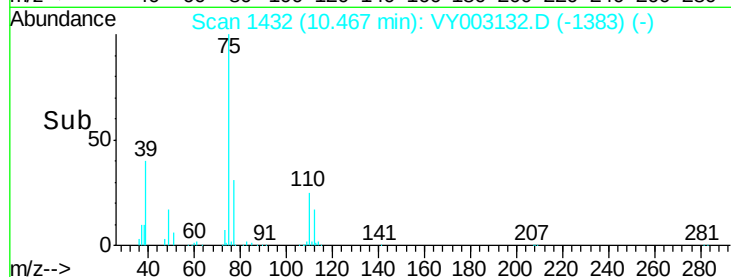
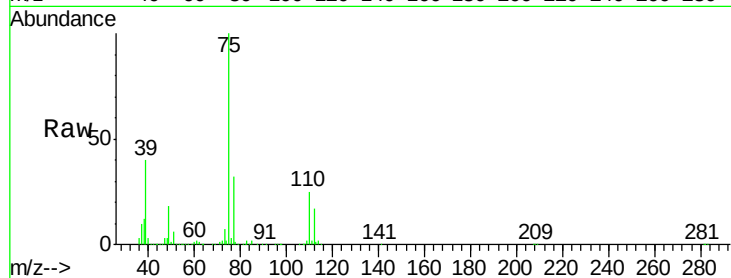
#53
 t-1,3-Dichloropropene
 Concen: 51.383 ug/l
 RT: 10.47 min Scan# 1432
 Delta R.T. -0.00 min
 Lab File: VY003132.D
 Acq: 07 Jul 2020 17:29

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.7	25.9	38.9

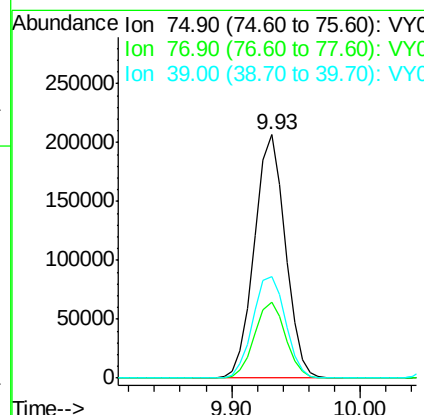
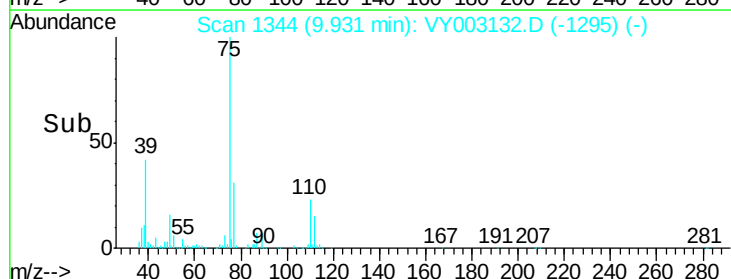
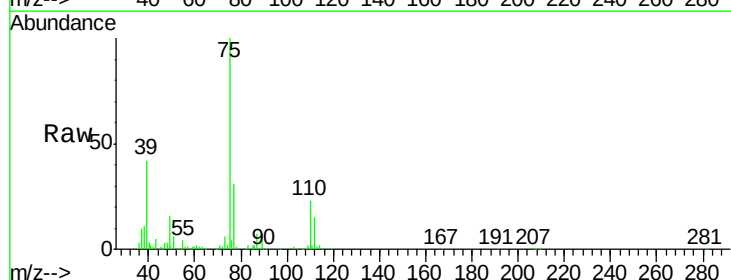
Manual Integrations
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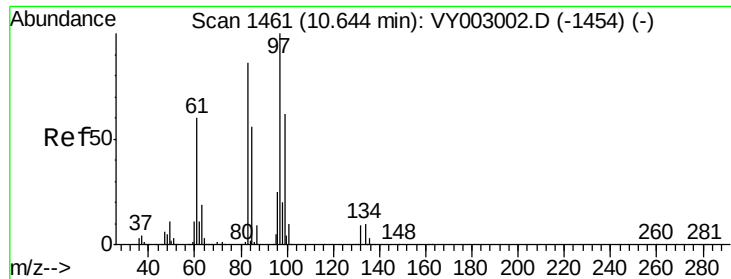
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#54
 cis-1,3-Dichloropropene
 Concen: 51.207 ug/l
 RT: 9.93 min Scan# 1344
 Delta R.T. -0.00 min
 Lab File: VY003132.D
 Acq: 07 Jul 2020 17:29

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.2	24.6	37.0
39	41.6	38.3	57.5





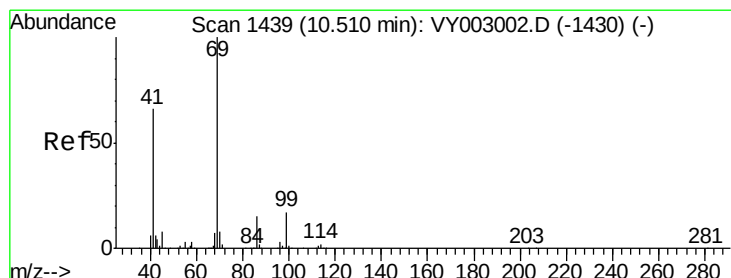
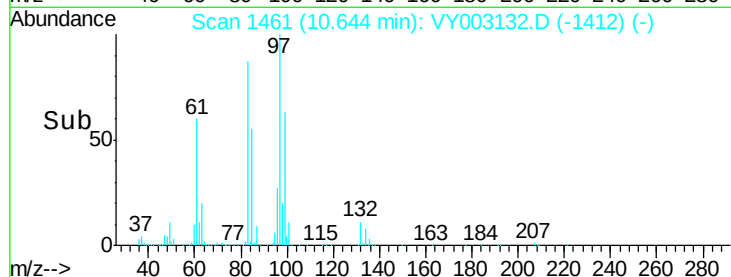
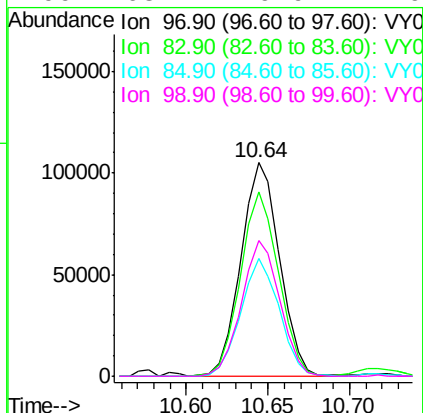
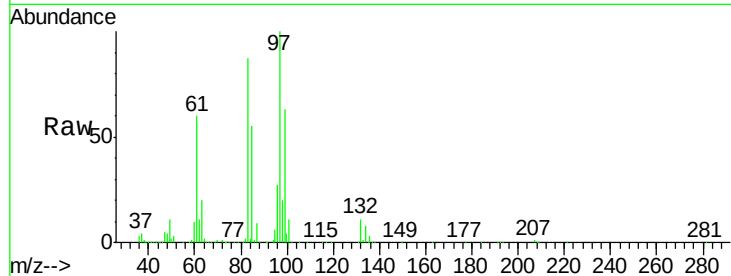
#55
 1,1,2-Trichloroethane
 Concen: 54.628 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.00 min
 Lab File: VY003132.D
 Acq: 07 Jul 2020 17:29

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	172938
Ion	Ratio	Lower	Upper
97	100		
83	86.5	69.0	103.6
85	55.2	44.8	67.2
99	63.4	49.9	74.9

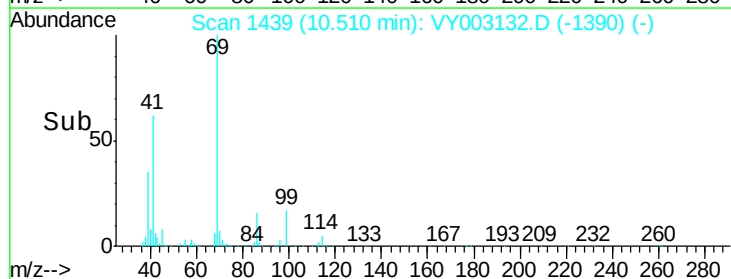
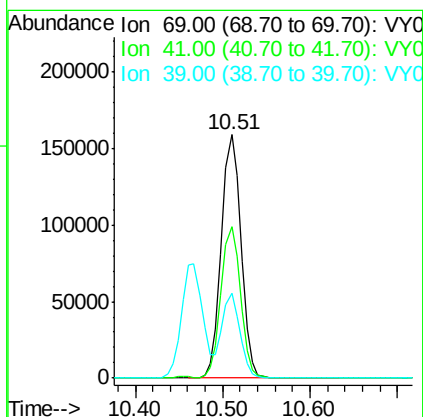
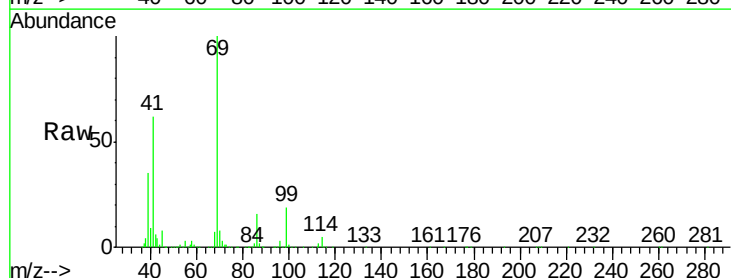
Manual Integrations
 APPROVED

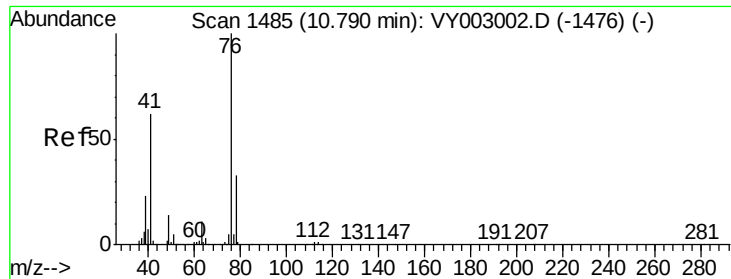
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#56
 Ethyl methacrylate
 Concen: 54.311 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: VY003132.D
 Acq: 07 Jul 2020 17:29

Tgt Ion:	69	Resp:	248886
Ion	Ratio	Lower	Upper
69	100		
41	61.4	53.7	80.5
39	33.2	28.3	42.5





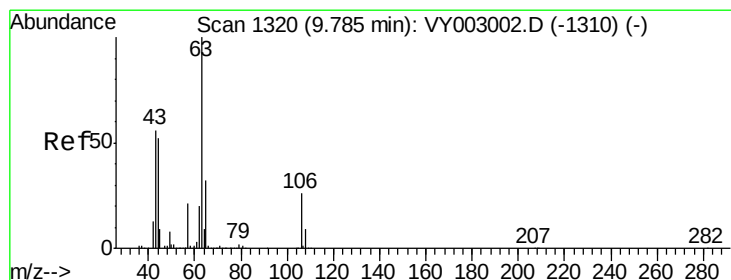
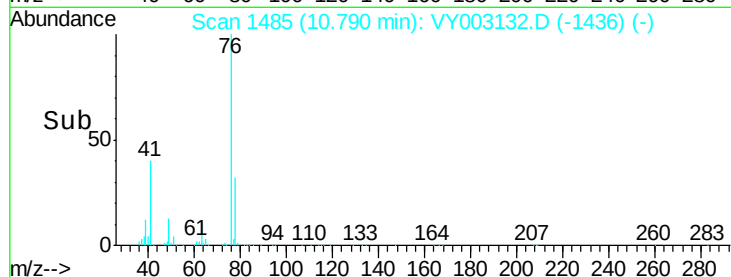
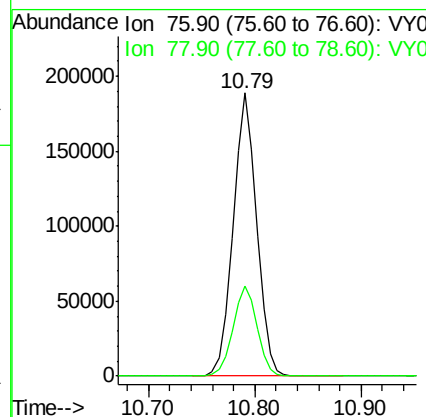
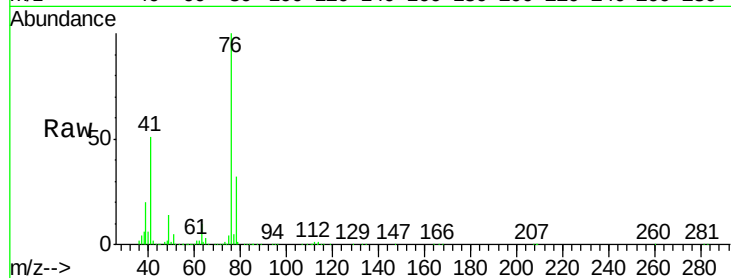
#57
 1,3-Dichloropropane
 Concen: 52.660 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. -0.00 min
 Lab File: VY003132.D
 Acq: 07 Jul 2020 17:29

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.6	26.0	39.0

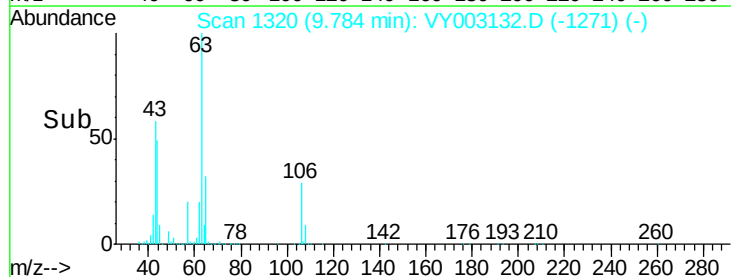
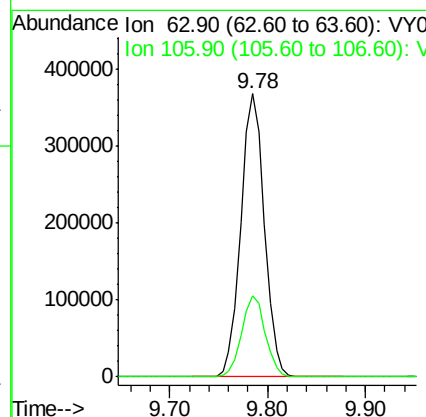
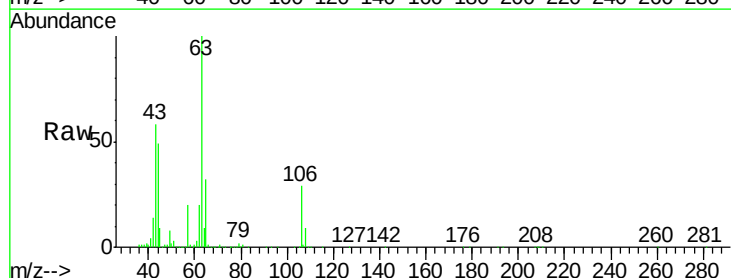
Manual Integrations
 APPROVED

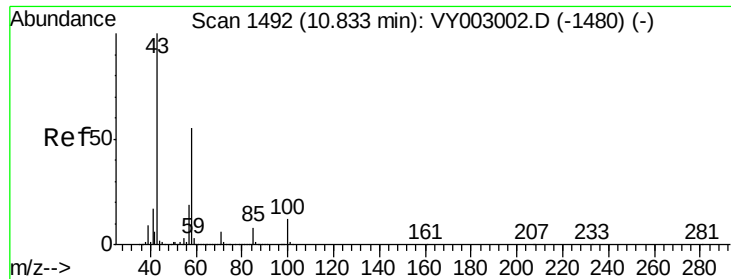
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 7/8/2020 12:20:51 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 262.396 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. -0.00 min
 Lab File: VY003132.D
 Acq: 07 Jul 2020 17:29

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.8	21.5	32.3





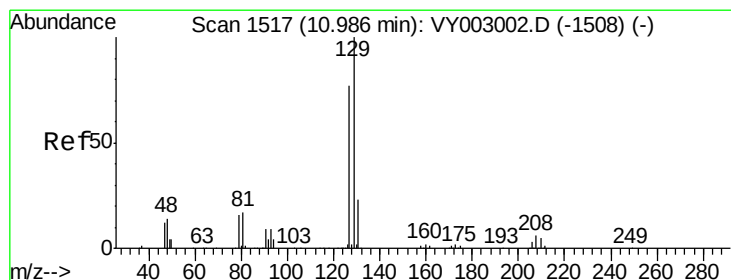
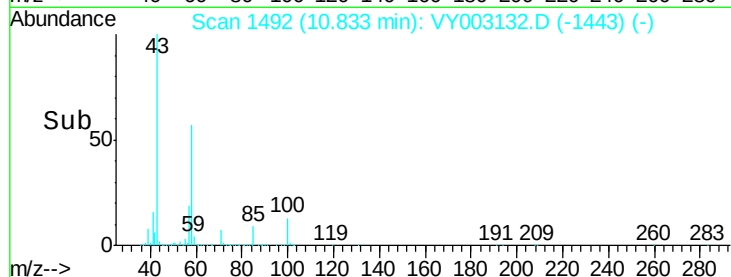
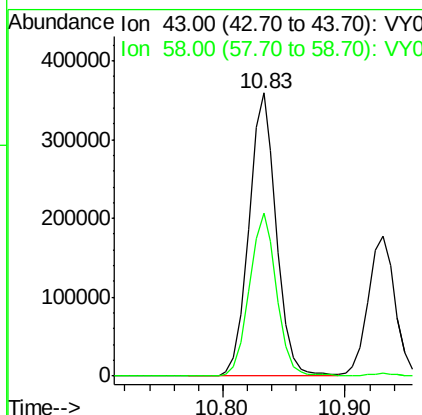
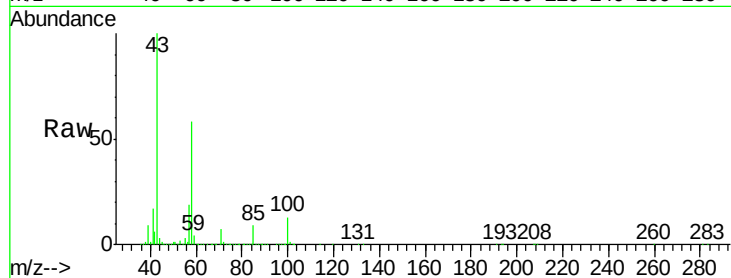
#59
2-Hexanone
Concen: 243.990 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY003132.D
Acq: 07 Jul 2020 17:29

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 557954
Ion Ratio Lower Upper
43 100
58 57.6 27.5 82.4

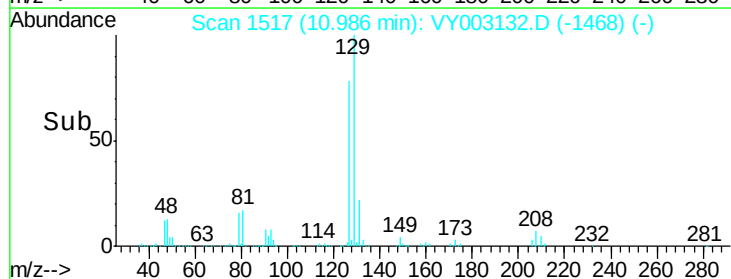
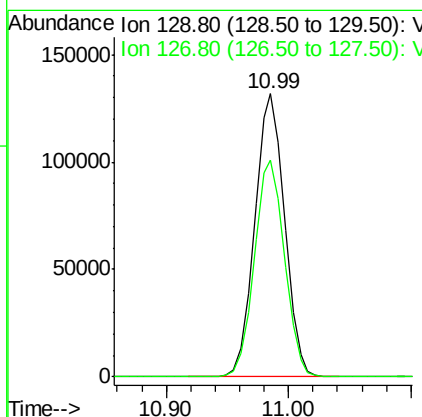
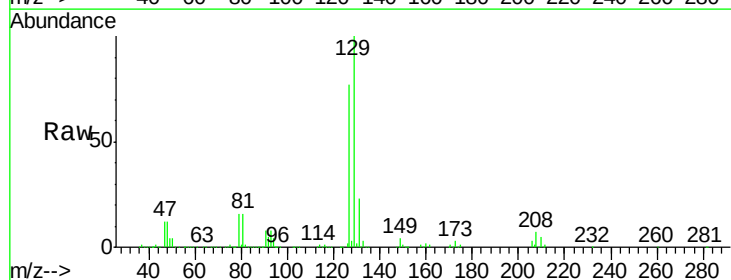
Manual Integrations
APPROVED

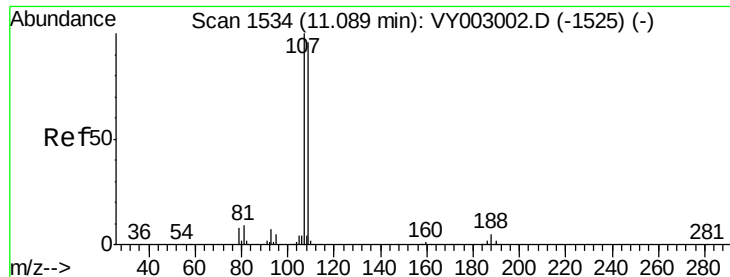
MMDadoda
7/8/2020 12:20:51 PM



#60
Dibromochloromethane
Concen: 55.224 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY003132.D
Acq: 07 Jul 2020 17:29

Tgt Ion: 129 Resp: 223731
Ion Ratio Lower Upper
129 100
127 77.5 39.1 117.3





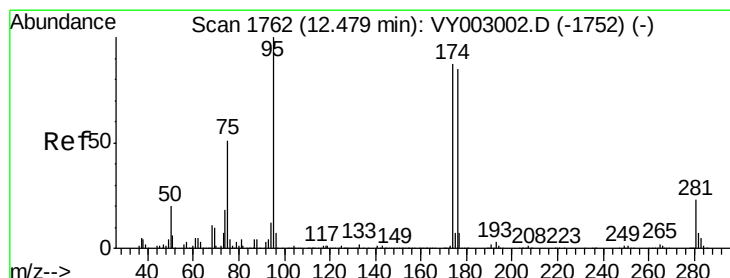
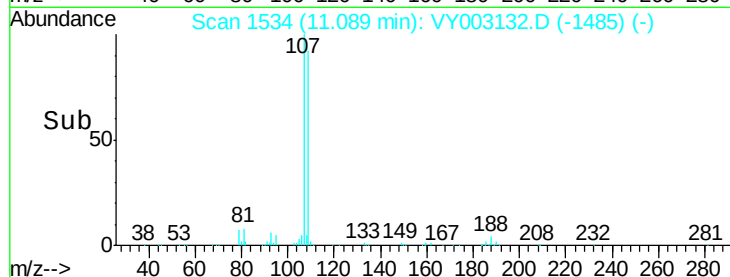
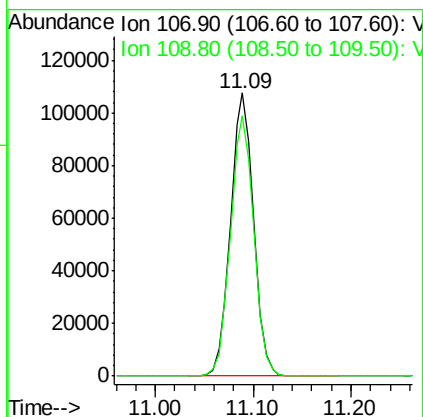
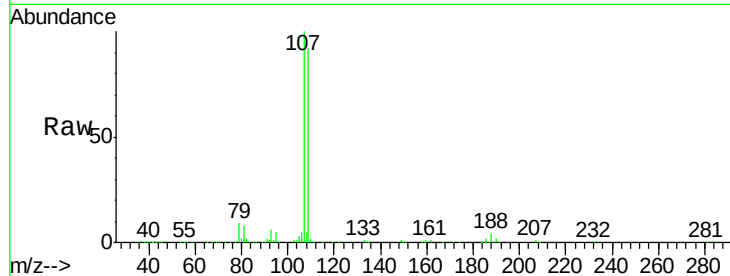
#61
 1,2-Dibromoethane
 Concen: 56.135 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VY003132.D
 Acq: 07 Jul 2020 17:29

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.5	75.8	113.8

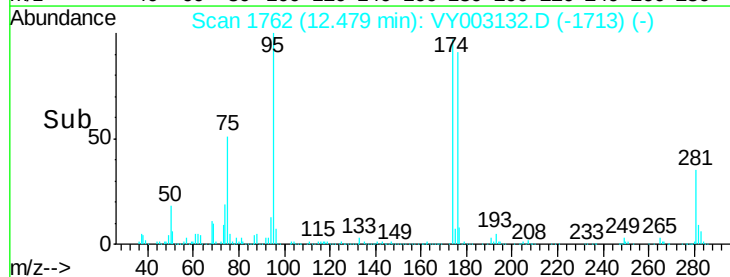
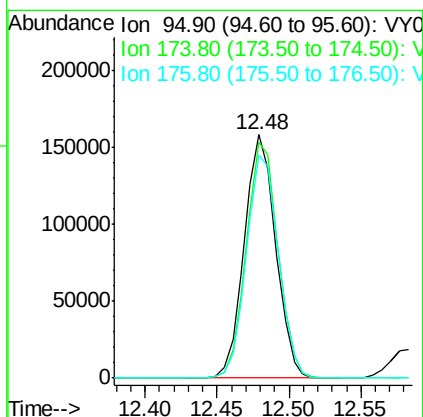
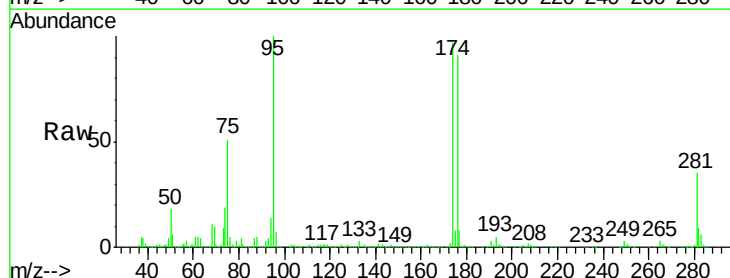
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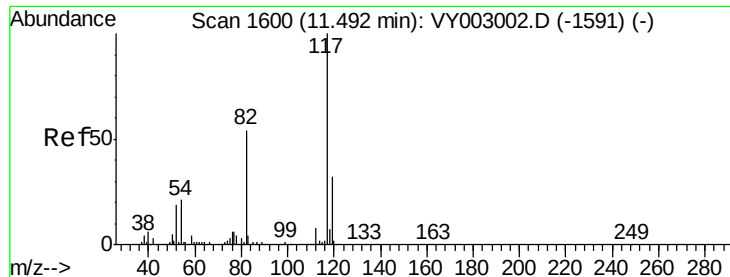
MMDadoda
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#62
 4-Bromofluorobenzene
 Concen: 50.559 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VY003132.D
 Acq: 07 Jul 2020 17:29

Tgt Ion	Ratio	Lower	Upper
95	100		
174	97.9	0.0	184.8
176	93.3	0.0	183.0





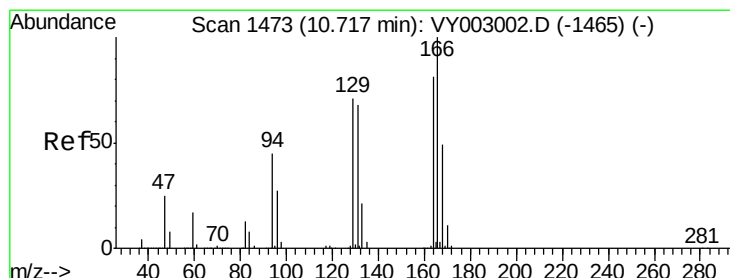
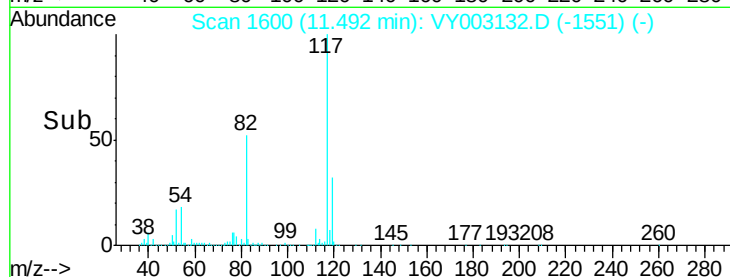
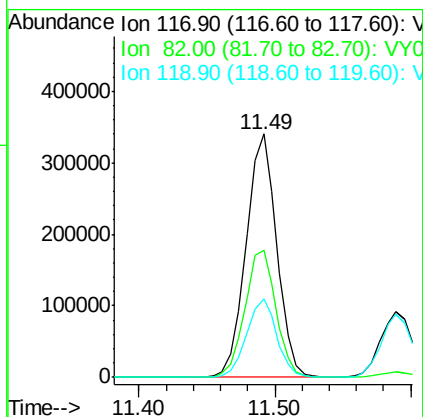
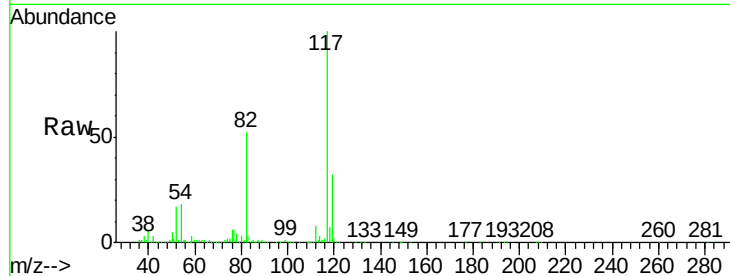
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003132.D
Acq: 07 Jul 2020 17:29

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	536563		
82	52.2		43.0	64.6
119	32.3		25.8	38.8

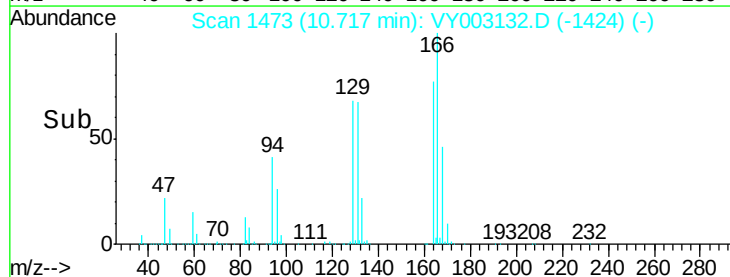
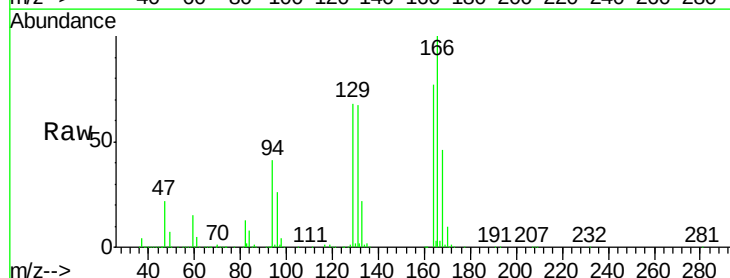
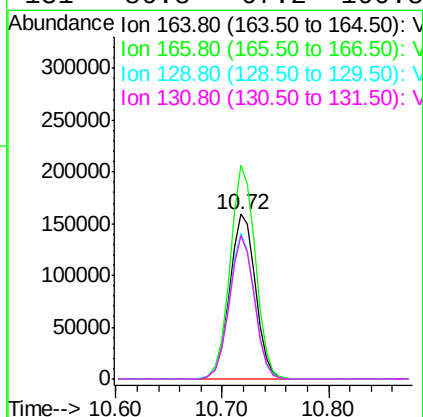
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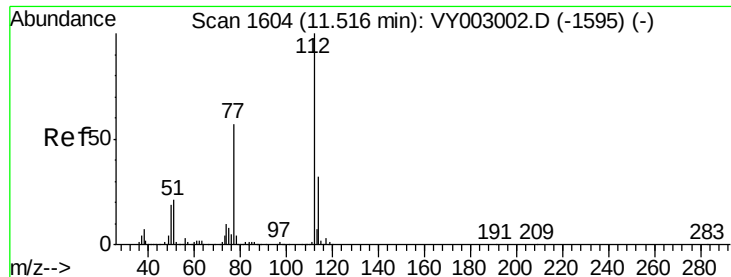
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#64
Tetrachloroethene
Concen: 59.258 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY003132.D
Acq: 07 Jul 2020 17:29

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	269102		
166	129.4		98.5	147.7
129	88.1		69.7	104.5
131	86.8		67.2	100.8





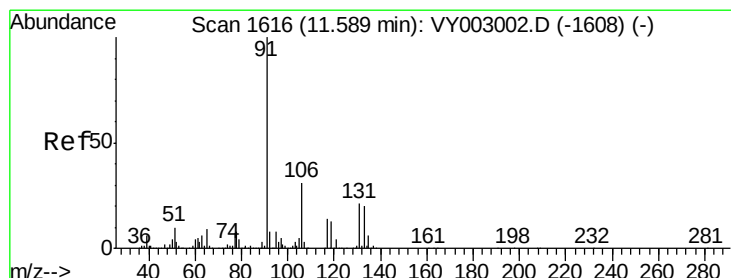
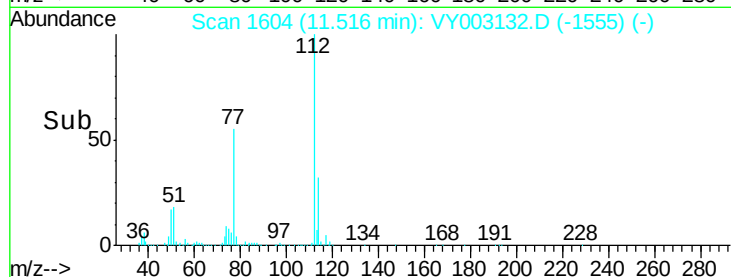
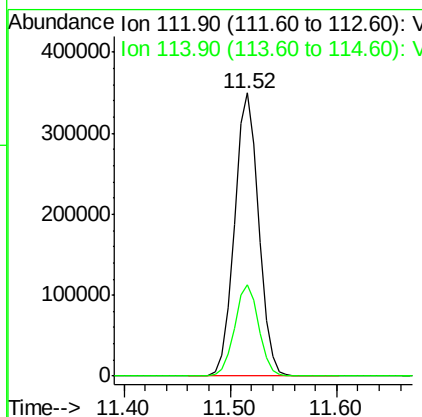
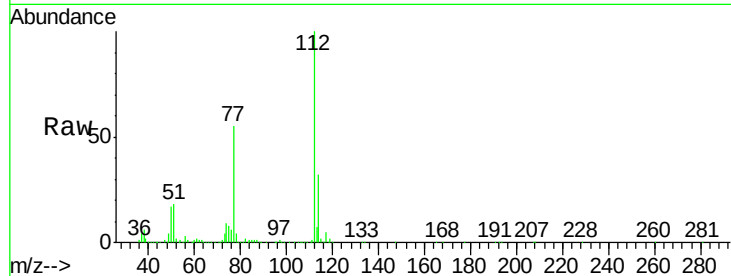
#65
Chlorobenzene
Concen: 52.613 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY003132.D
Acq: 07 Jul 2020 17:29

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.2	25.7	38.5

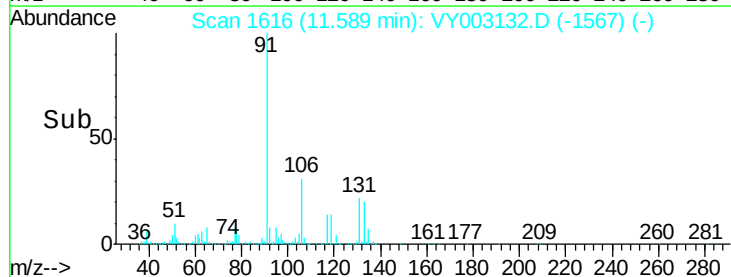
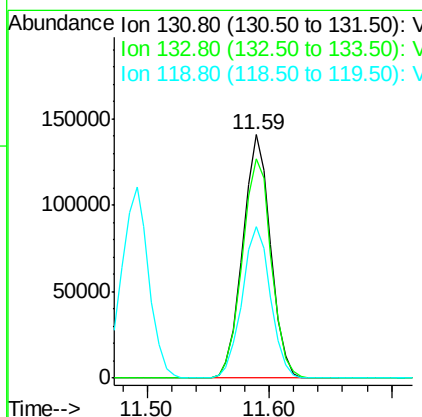
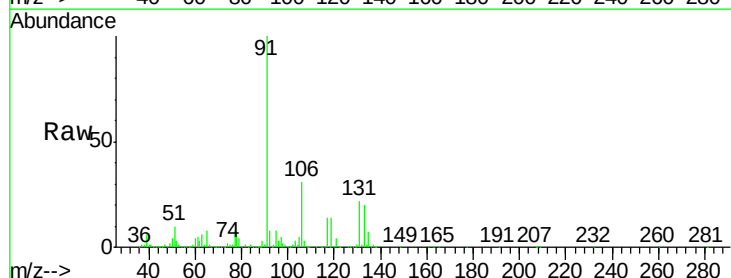
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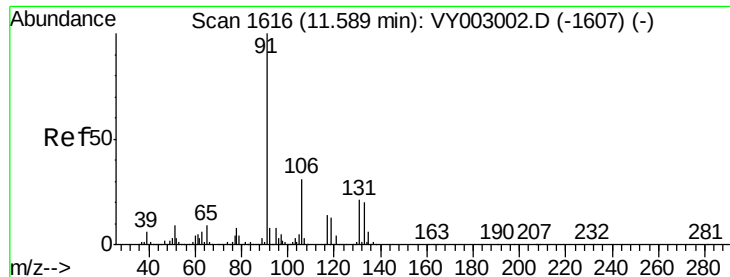
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#66
1,1,1,2-Tetrachloroethane
Concen: 53.792 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY003132.D
Acq: 07 Jul 2020 17:29

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.1	47.9	143.8
119	63.1	31.8	95.3





#67

Ethyl Benzene

Concen: 51.008 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. -0.00 min

Lab File: VY003132.D

Acq: 07 Jul 2020 17:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 987285

Ion Ratio Lower Upper

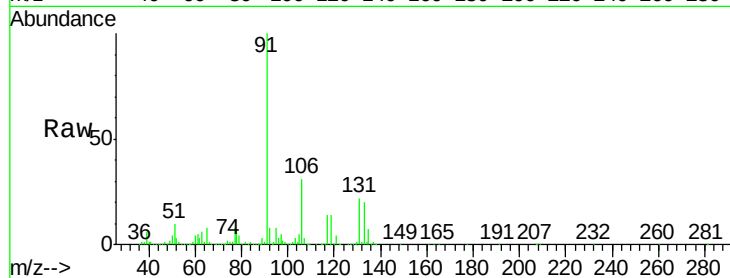
91 100

106 30.9 25.0 37.4

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Abundance Ion 91.00 (90.70 to 91.70): VY003002.D (-1607) (-)

Ion 106.00 (105.70 to 106.70): VY003002.D (-1607) (-)

800000

600000

400000

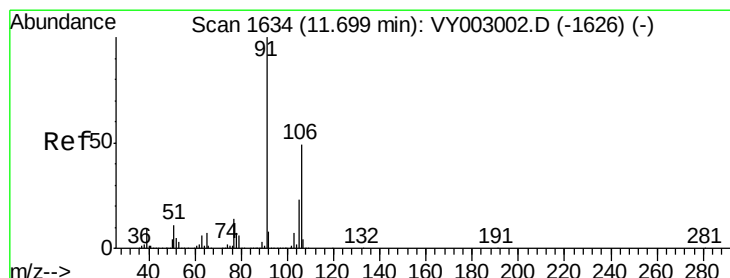
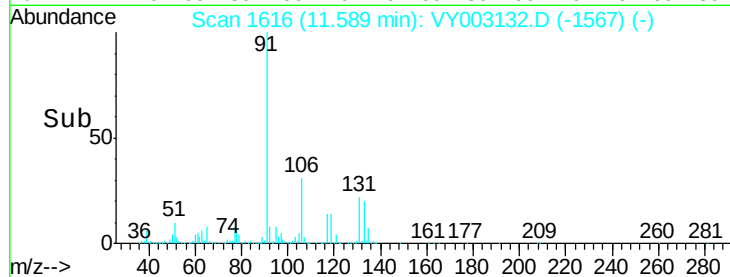
200000

0

11.50

11.60

Time-->



#68

m/p-Xylenes

Concen: 103.983 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. -0.00 min

Lab File: VY003132.D

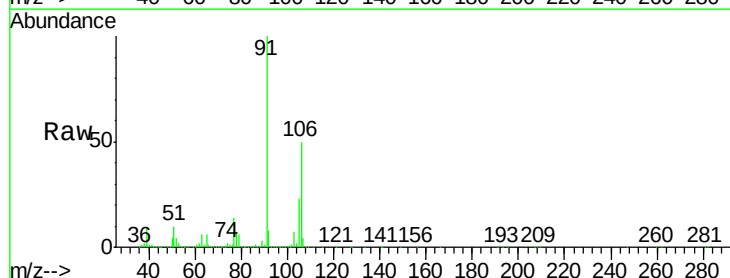
Acq: 07 Jul 2020 17:29

Tgt Ion: 106 Resp: 749068

Ion Ratio Lower Upper

106 100

91 198.4 161.9 242.9



Abundance Ion 106.00 (105.70 to 106.70): VY003002.D (-1626) (-)

Ion 91.00 (90.70 to 91.70): VY003002.D (-1626) (-)

800000

600000

400000

200000

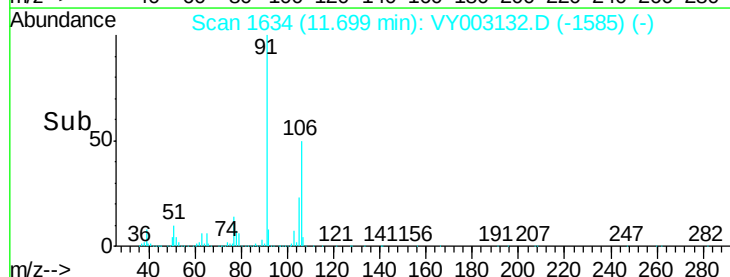
0

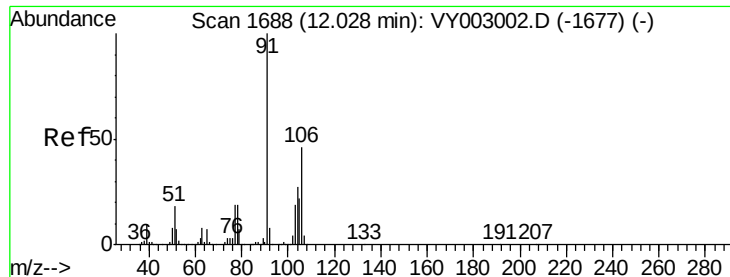
11.60

11.70

11.80

Time-->





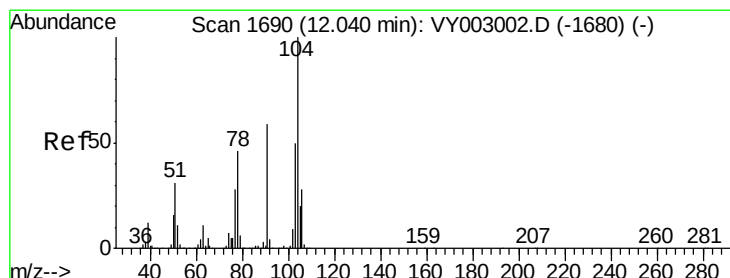
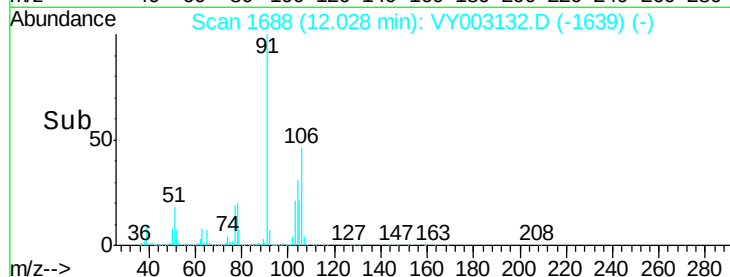
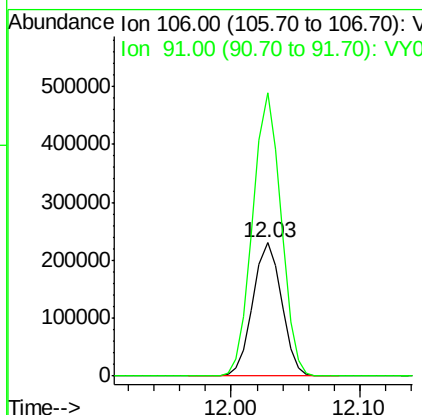
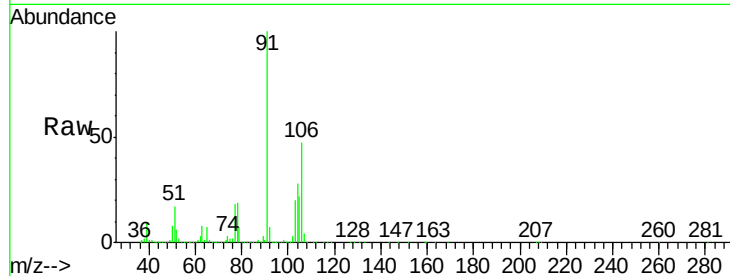
#69
o-Xylene
Concen: 52.373 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY003132.D
Acq: 07 Jul 2020 17:29

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	209.1	107.9	323.8	

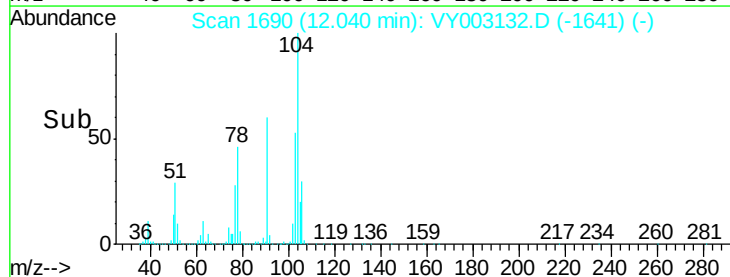
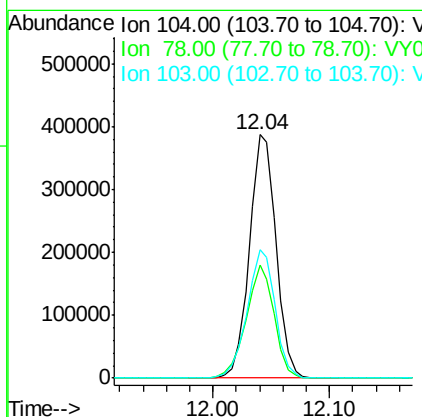
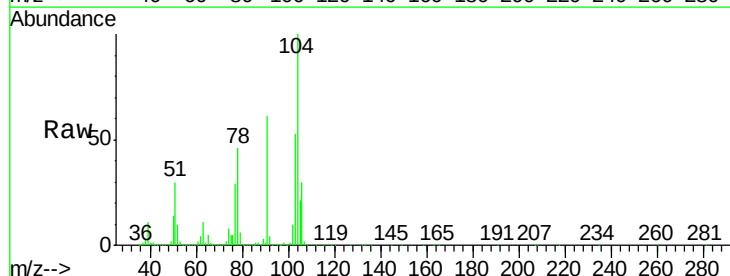
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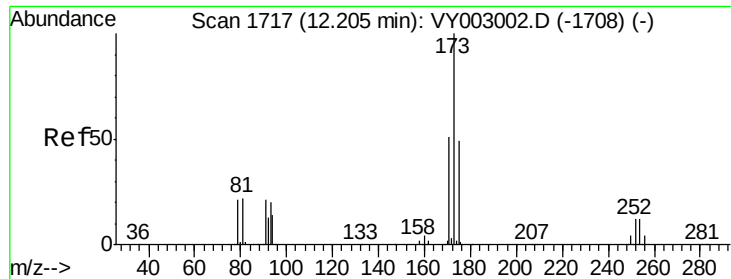
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#70
Styrene
Concen: 53.060 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VY003132.D
Acq: 07 Jul 2020 17:29

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	48.7	40.4	60.6	
103	55.7	44.1	66.1	





#71

Bromoform

Concen: 55.657 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VY003132.D

Acq: 07 Jul 2020 17:29

Instrument :

MSVOA_Y

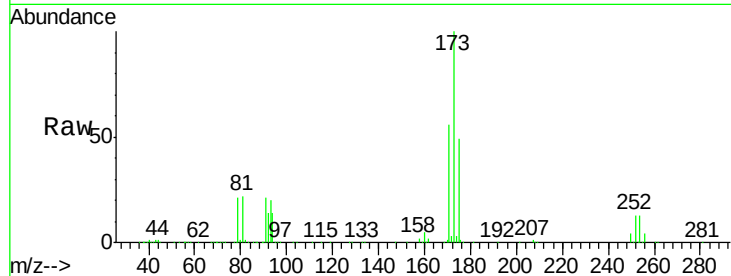
ClientSampleId :

VSTDCCC050EC

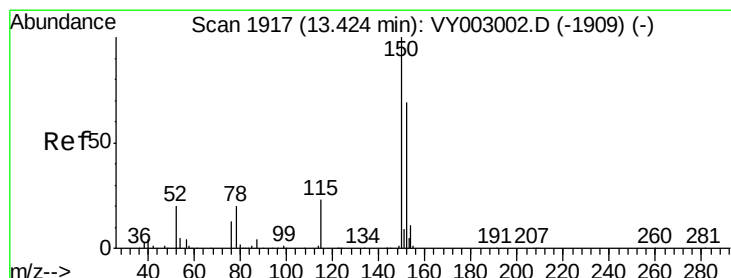
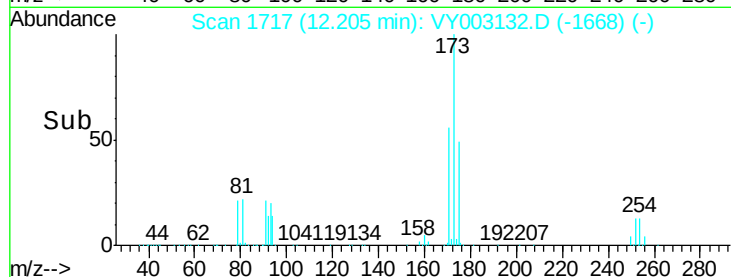
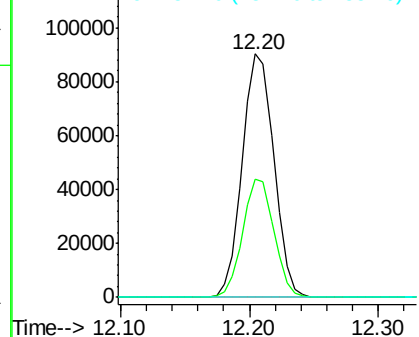
Tot Ion:	173	Resp:	153299
Ion Ratio	Lower	Upper	
173	100		
175	48.0	24.6	73.6
254	0.3	0.2	0.2#

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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

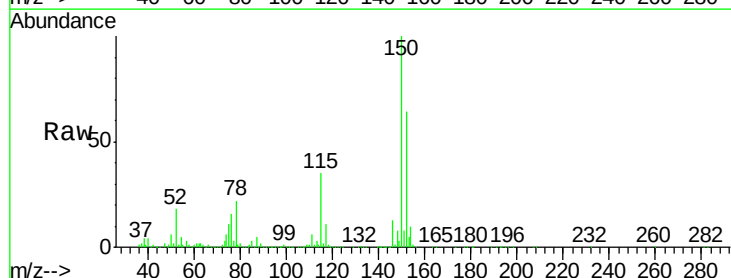
RT: 13.42 min Scan# 1917

Delta R.T. -0.00 min

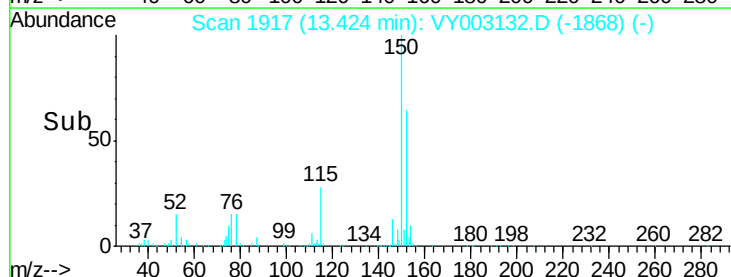
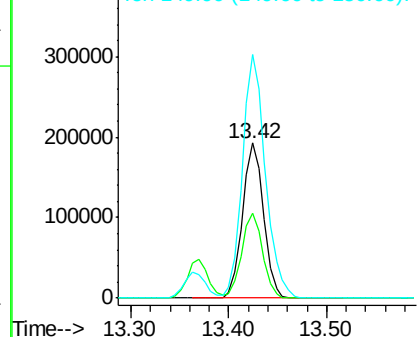
Lab File: VY003132.D

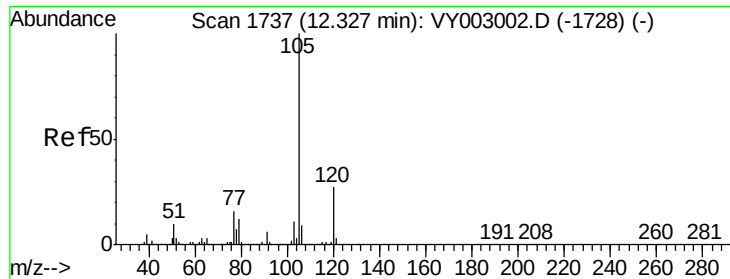
Acq: 07 Jul 2020 17:29

Tgt Ion:	152	Resp:	287118
Ion Ratio	Lower	Upper	
152	100		
115	54.5	27.3	81.9
150	171.2	0.0	343.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 51.058 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY003132.D

Acq: 07 Jul 2020 17:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 959414

Ion Ratio Lower Upper

105 100

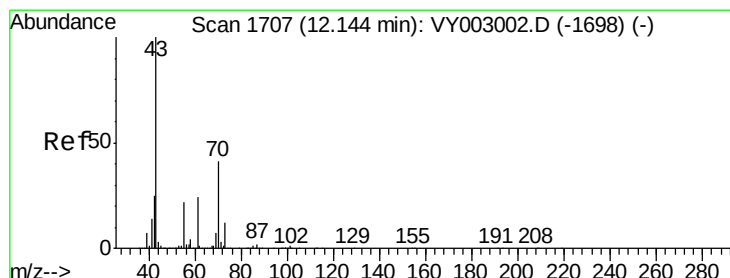
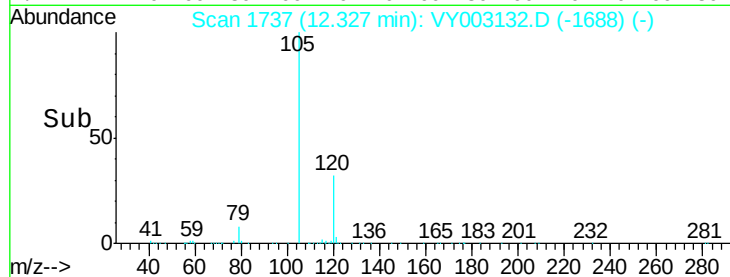
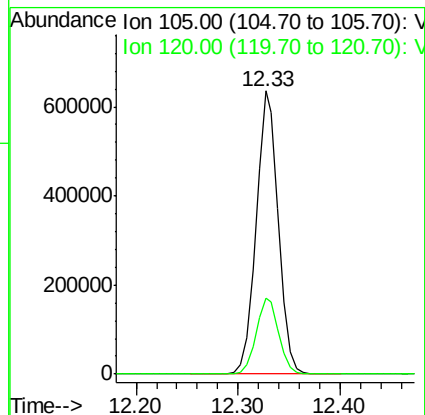
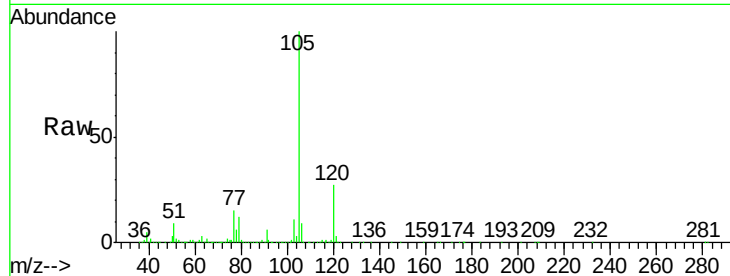
120 27.2 13.4 40.1

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#74

N-ethyl acetate

Concen: 47.550 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VY003132.D

Acq: 07 Jul 2020 17:29

Tgt Ion: 43 Resp: 290871

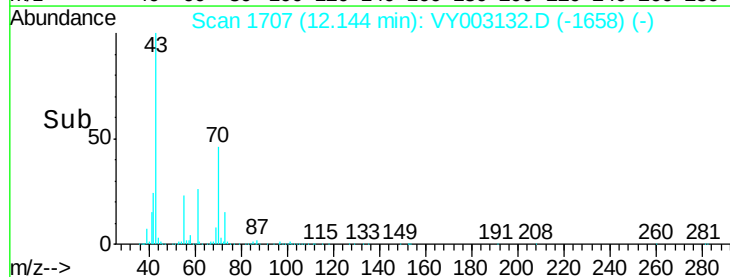
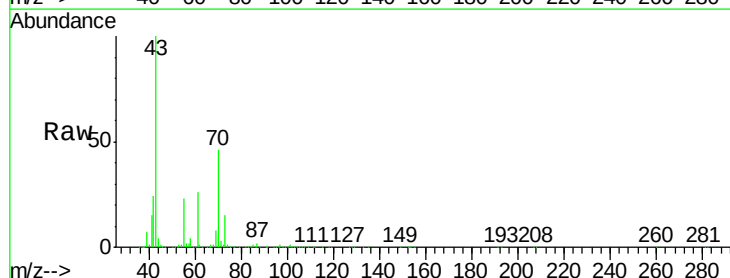
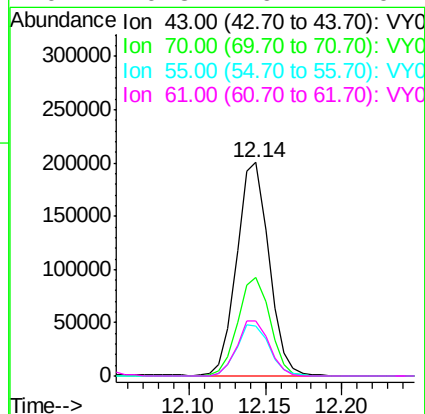
Ion Ratio Lower Upper

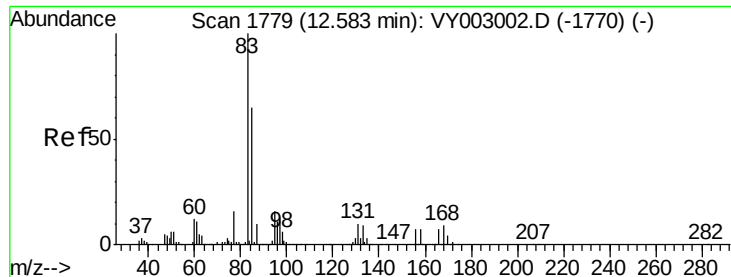
43 100

70 46.4 33.0 49.4

55 24.2 18.2 27.2

61 26.3 19.4 29.2





#75

1,1,2,2-Tetrachloroethane

Concen: 49.787 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY003132.D

Acq: 07 Jul 2020 17:29

Instrument :

MSVOA_Y

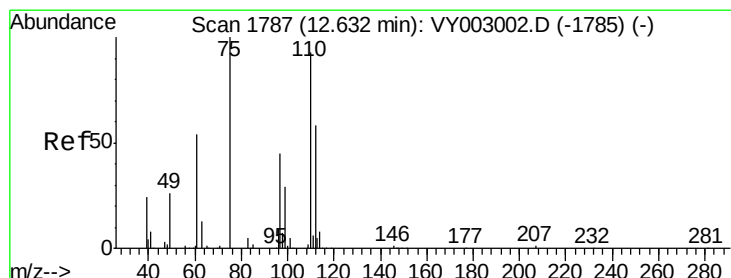
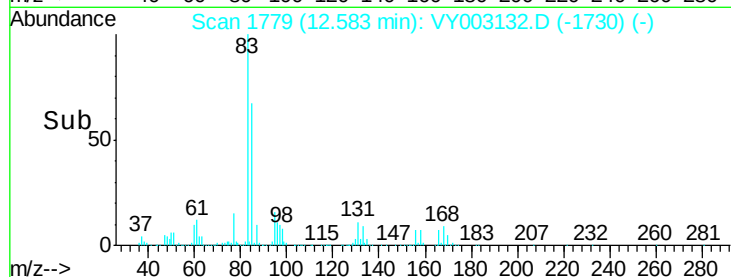
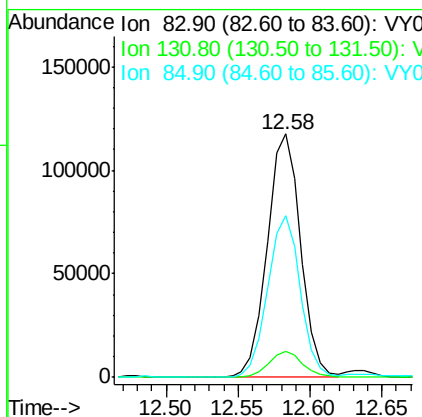
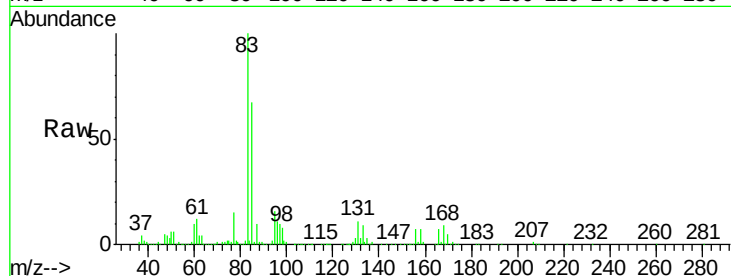
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	188795
Ion Ratio	Lower	Upper	
83	100		
131	11.1	5.3	16.1
85	64.4	32.1	96.3

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#76

1,2,3-Trichloropropane

Concen: 50.604 ug/l m

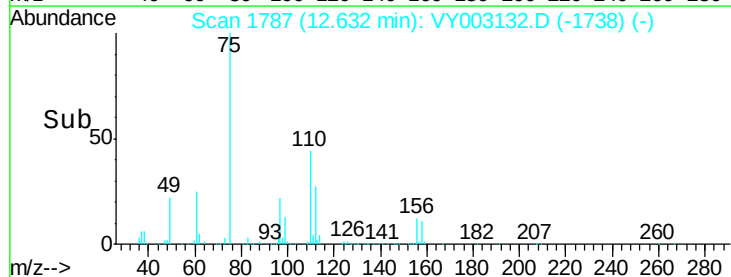
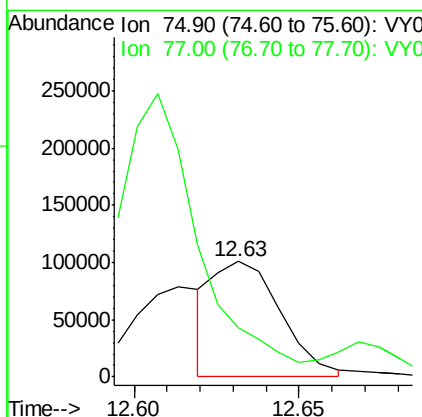
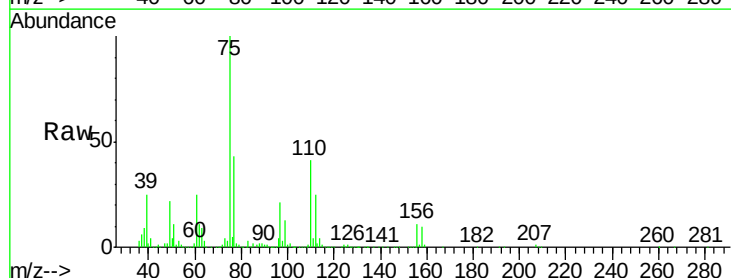
RT: 12.63 min Scan# 1787

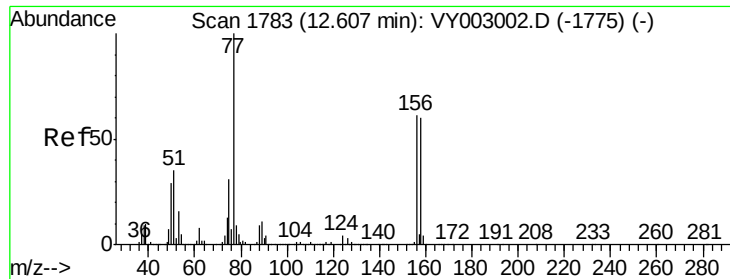
Delta R.T. -0.00 min

Lab File: VY003132.D

Acq: 07 Jul 2020 17:29

Tgt Ion:	75	Resp:	143797
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 52.936 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY003132.D

Acq: 07 Jul 2020 17:29

Instrument :

MSVOA_Y

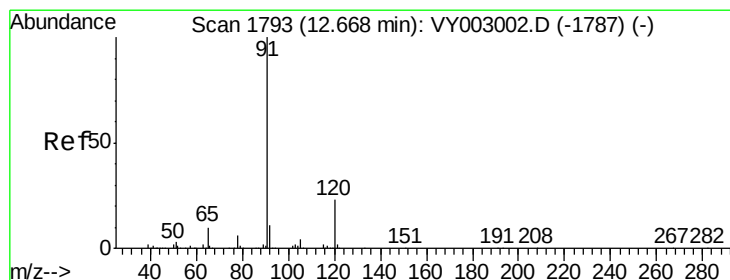
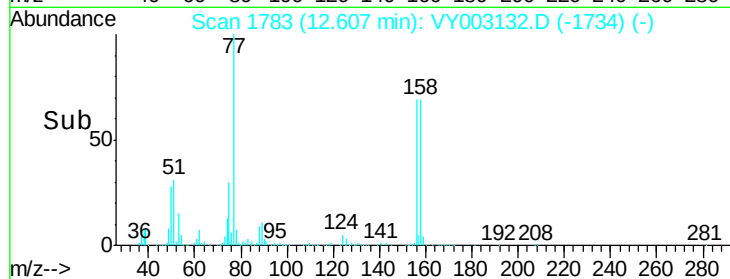
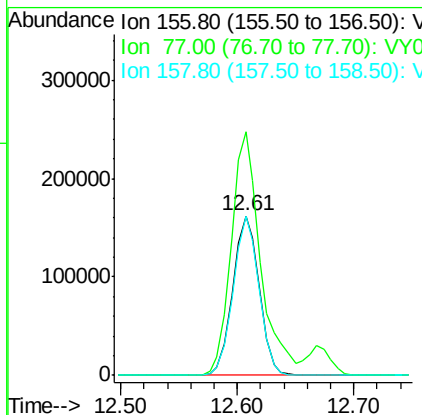
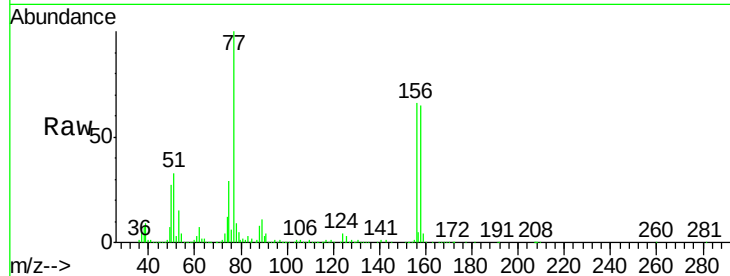
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	255043
Ion Ratio	Lower	Upper	
156	100		
77	168.9	90.0	270.0
158	97.3	48.5	145.5

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#78

n-propylbenzene

Concen: 50.761 ug/l

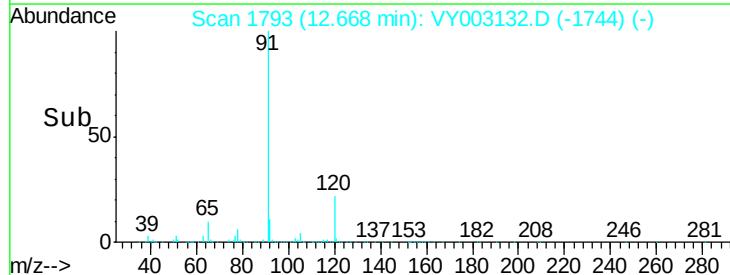
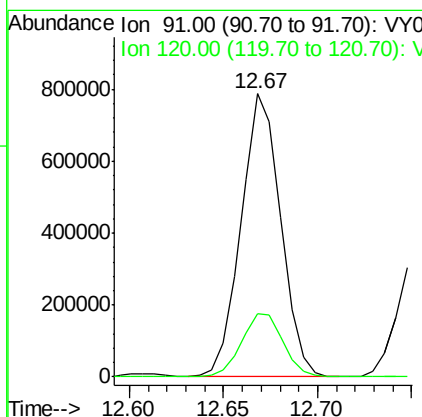
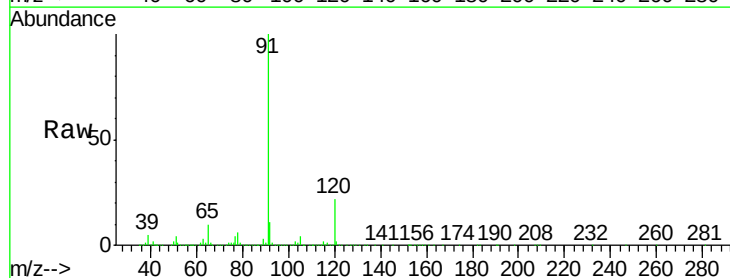
RT: 12.67 min Scan# 1793

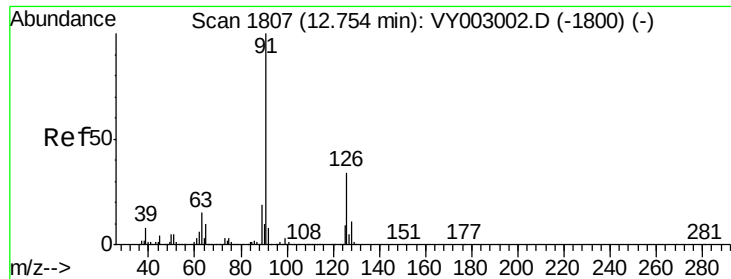
Delta R.T. -0.00 min

Lab File: VY003132.D

Acq: 07 Jul 2020 17:29

Tgt Ion:	91	Resp:	1147120
Ion Ratio	Lower	Upper	
91	100		
120	23.3	11.5	34.5





#79

2-Chlorotoluene

Concen: 50.867 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. -0.00 min

Lab File: VY003132.D

Acq: 07 Jul 2020 17:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 641639

Ion Ratio Lower Upper

91 100

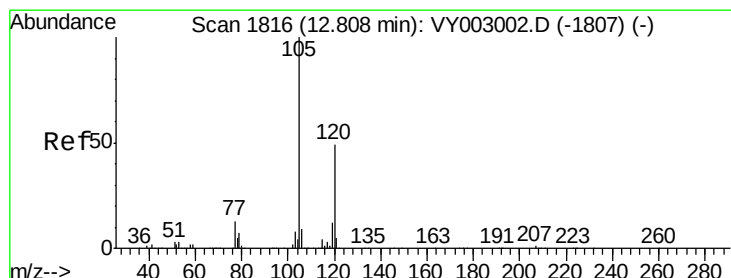
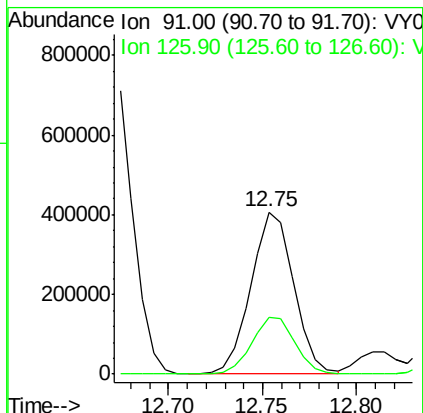
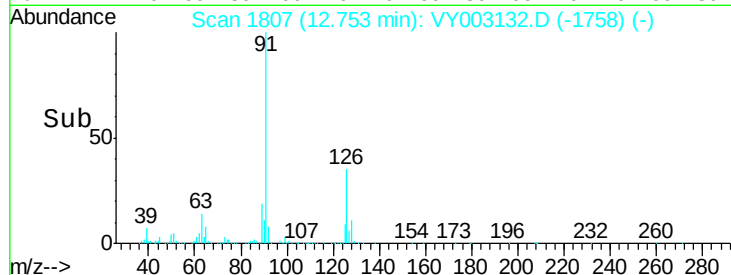
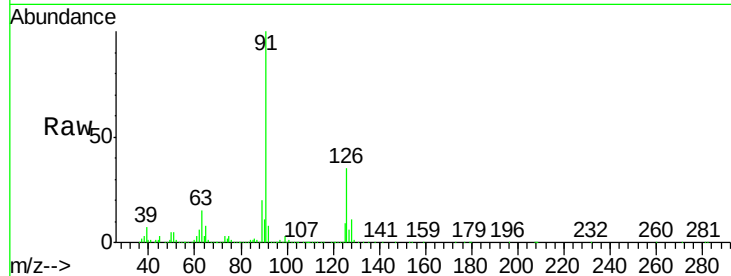
126 35.6 17.1 51.3

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#80

1,3,5-Trimethylbenzene

Concen: 51.038 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VY003132.D

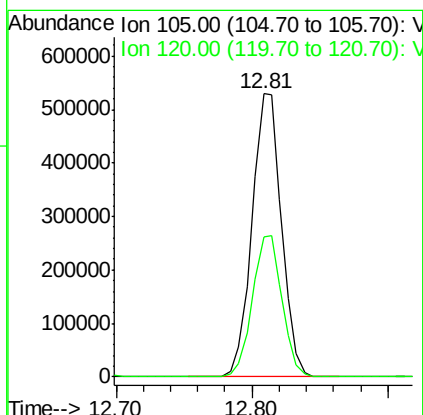
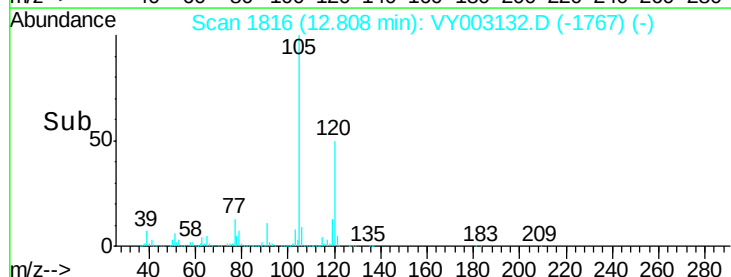
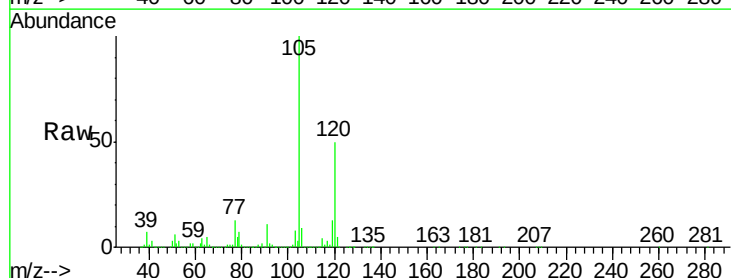
Acq: 07 Jul 2020 17:29

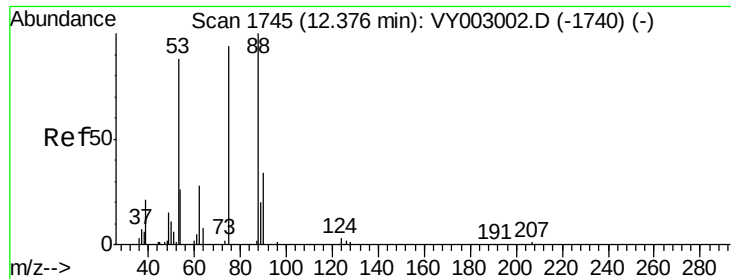
Tgt Ion: 105 Resp: 804766

Ion Ratio Lower Upper

105 100

120 50.1 24.6 73.6





#81

trans-1,4-Dichloro-2-butene

Concen: 50.710 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. -0.00 min

Lab File: VY003132.D

Acq: 07 Jul 2020 17:29

Instrument :

MSVOA_Y

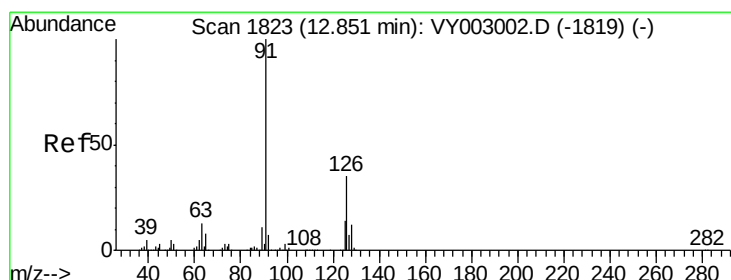
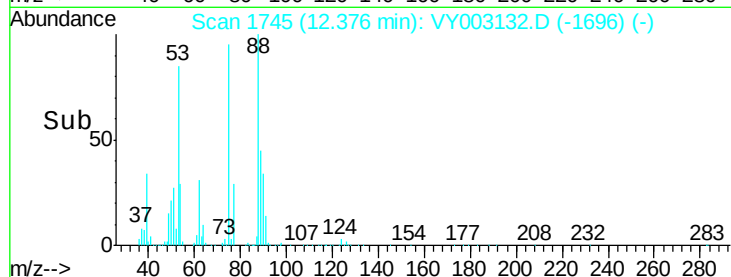
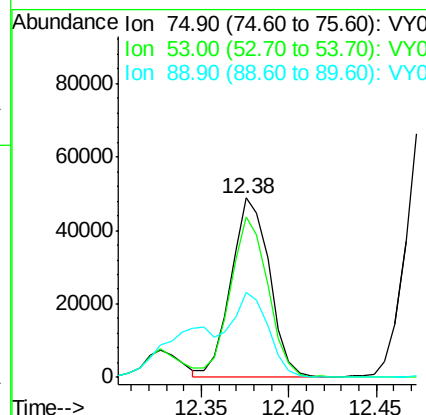
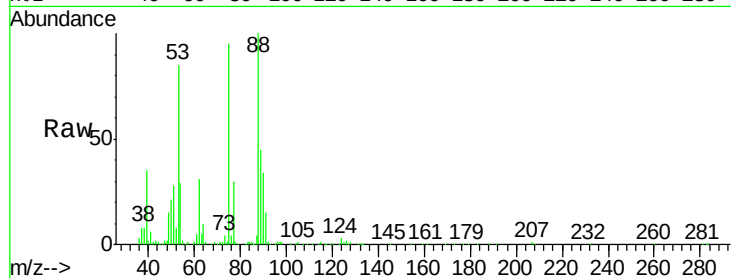
ClientSampleId :

VSTDCCC050EC

Tot Ion:	75	Resp:	74064
Ion	Ratio	Lower	Upper
75	100		
53	88.7	73.9	110.9
89	47.2	37.5	56.3

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#82

4-Chlorotoluene

Concen: 50.990 ug/l

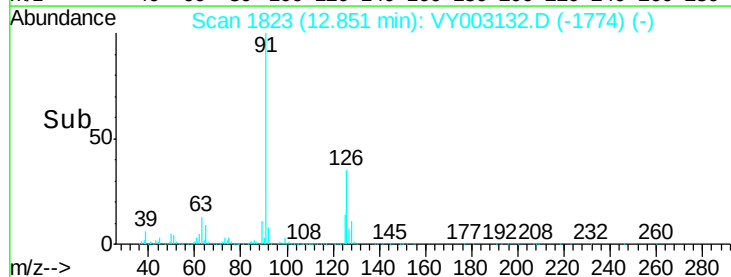
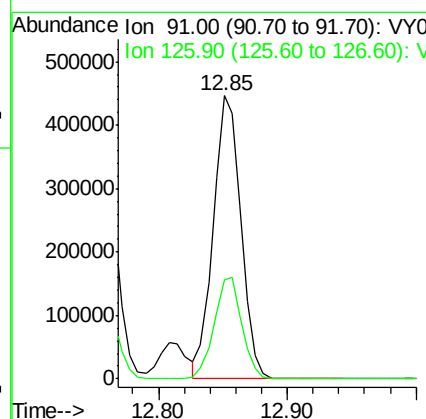
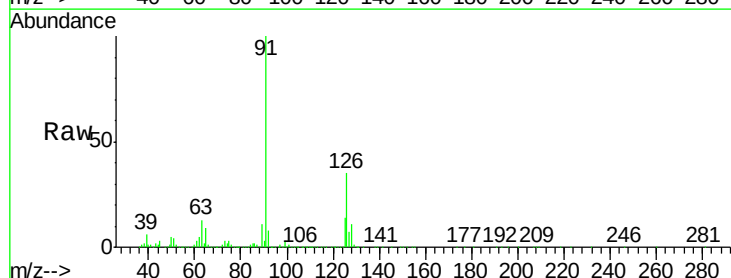
RT: 12.85 min Scan# 1823

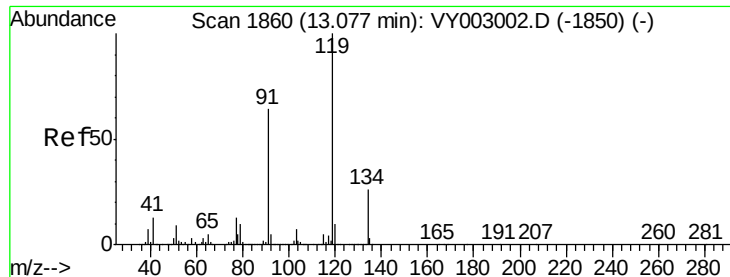
Delta R.T. -0.00 min

Lab File: VY003132.D

Acq: 07 Jul 2020 17:29

Tgt Ion:	91	Resp:	669660
Ion	Ratio	Lower	Upper
91	100		
126	36.0	17.4	52.3





#83

tert-Butylbenzene

Concen: 51.740 ug/l

RT: 13.07 min Scan# 1859

Delta R.T. -0.01 min

Lab File: VY003132.D

Acq: 07 Jul 2020 17:29

Instrument :

MSVOA_Y

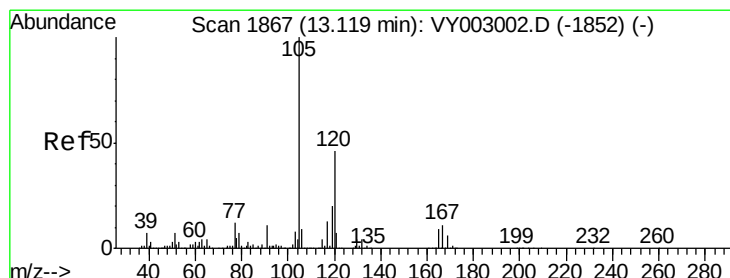
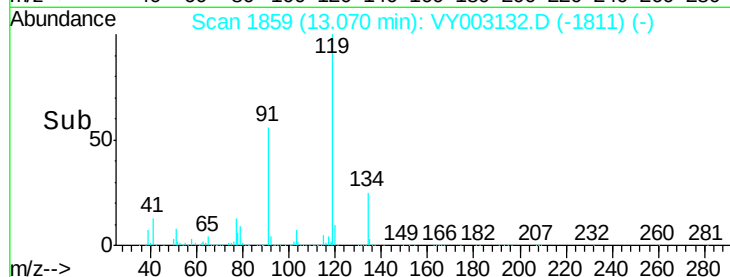
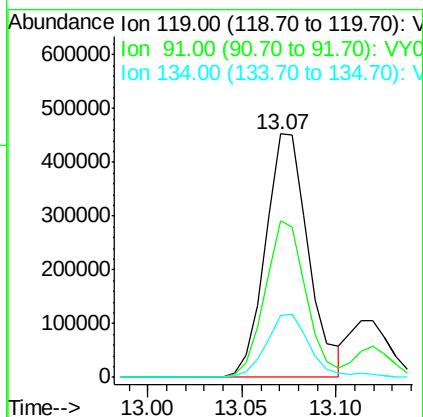
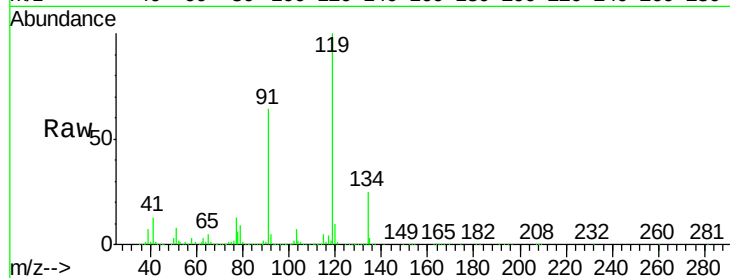
ClientSampleId :

VSTDCCC050EC

Tot Ion:	119	Resp:	716371
Ion Ratio	Lower	Upper	
119	100		
91	61.0	31.6	95.0
134	26.4	13.2	39.5

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#84

1,2,4-Trimethylbenzene

Concen: 51.270 ug/l

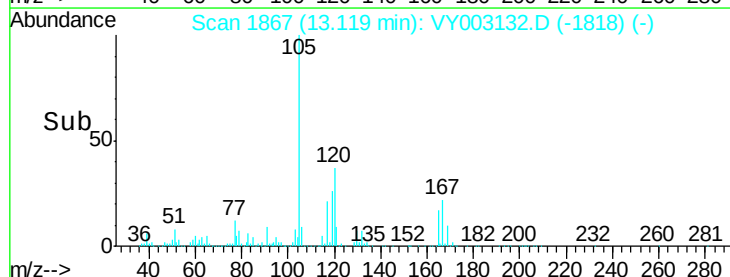
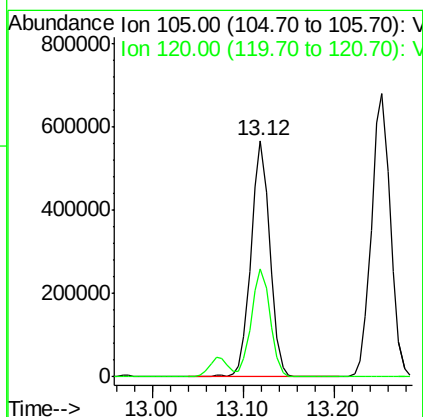
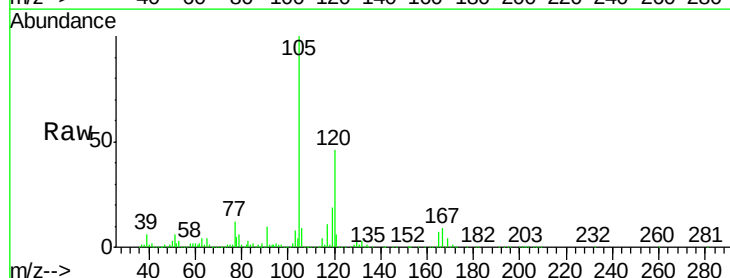
RT: 13.12 min Scan# 1867

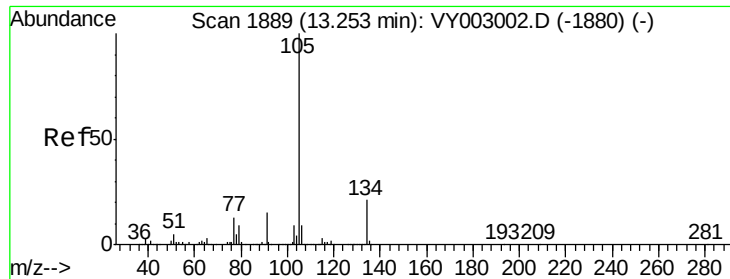
Delta R.T. -0.00 min

Lab File: VY003132.D

Acq: 07 Jul 2020 17:29

Tgt Ion:	105	Resp:	814619
Ion Ratio	Lower	Upper	
105	100		
120	45.4	22.6	67.8





#85

sec-Butylbenzene

Concen: 51.423 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY003132.D

Acq: 07 Jul 2020 17:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 981351

Ion Ratio Lower Upper

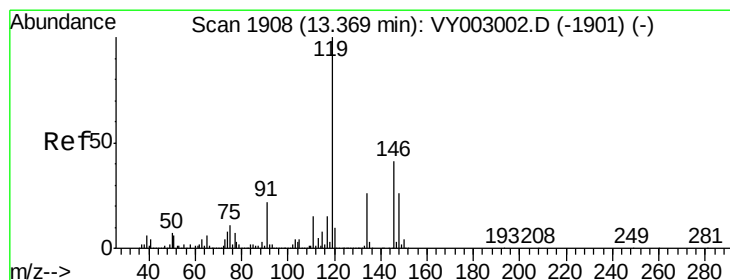
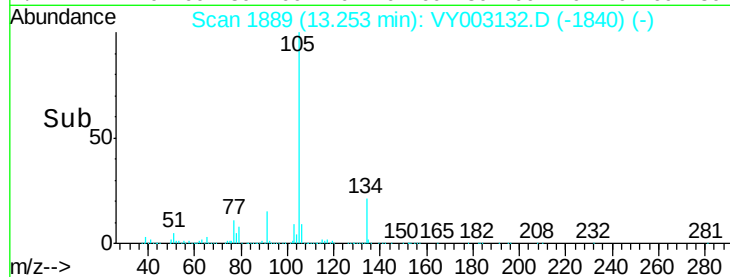
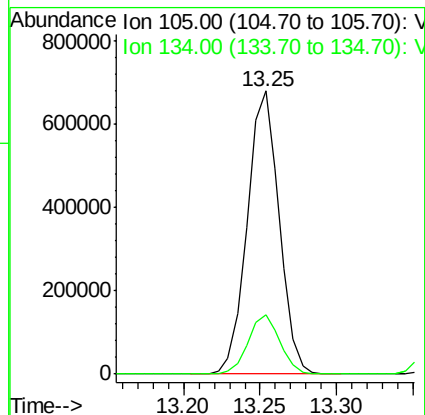
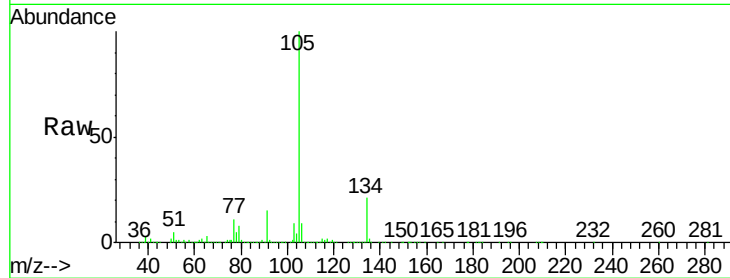
105 100

134 20.9 10.4 31.2

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#86

p-Isopropyltoluene

Concen: 51.326 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY003132.D

Acq: 07 Jul 2020 17:29

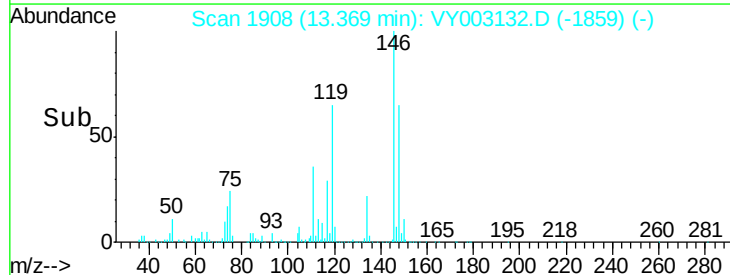
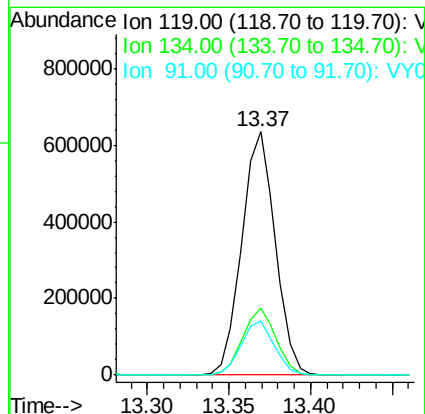
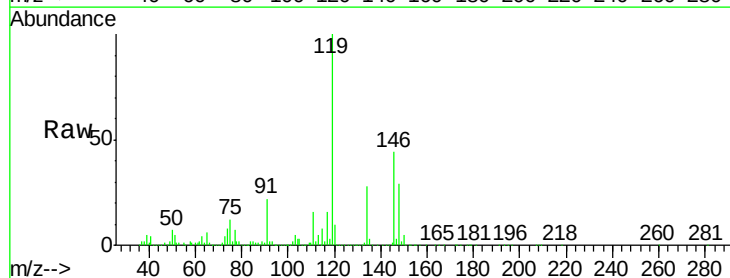
Tgt Ion:119 Resp: 907623

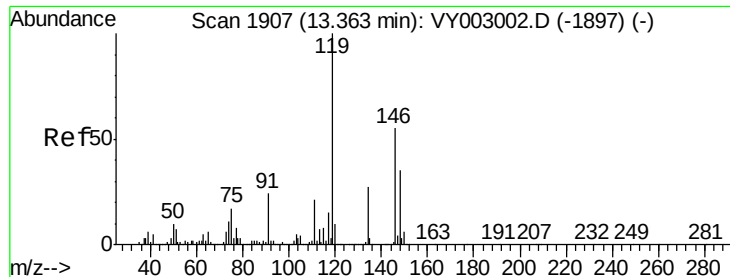
Ion Ratio Lower Upper

119 100

134 27.2 13.5 40.4

91 22.2 11.5 34.5





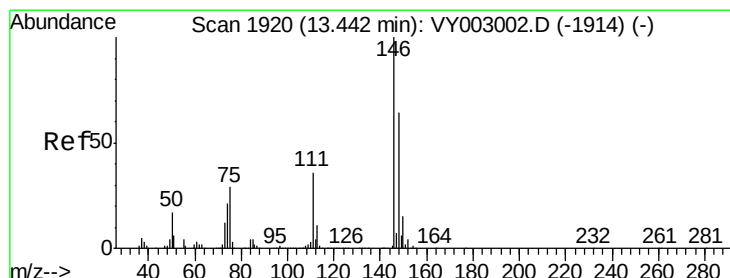
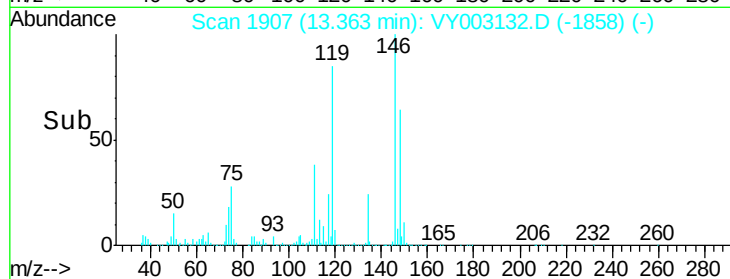
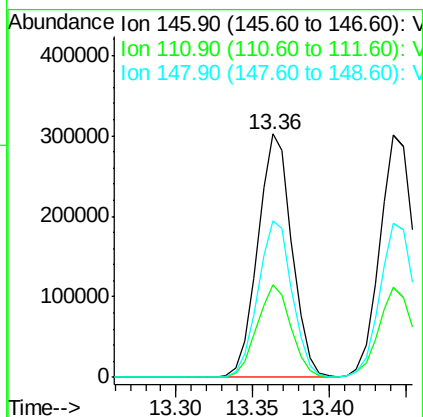
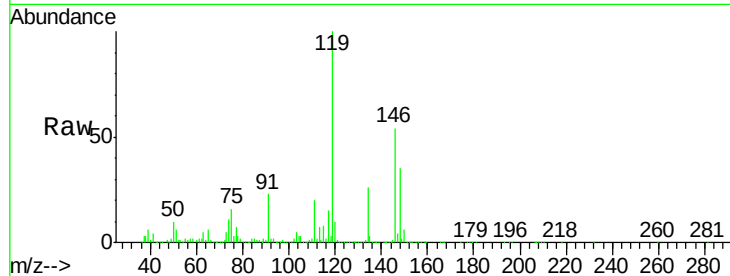
#87
 1,3-Dichlorobenzene
 Concen: 52.102 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VY003132.D
 Acq: 07 Jul 2020 17:29

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.7	18.8	56.3
148	64.5	31.8	95.3

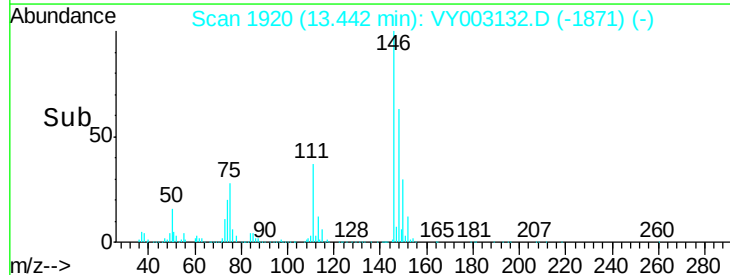
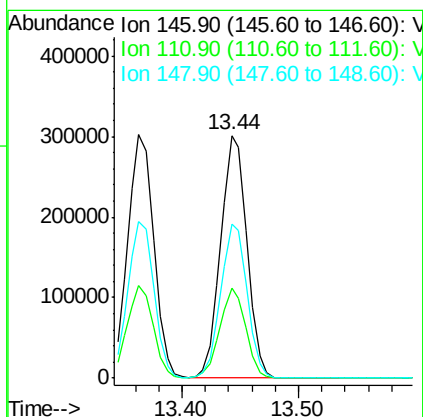
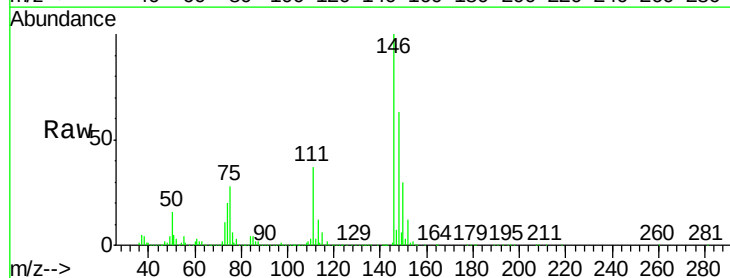
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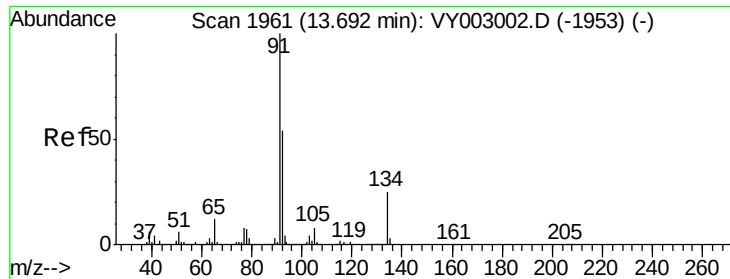
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#88
 1,4-Dichlorobenzene
 Concen: 52.719 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. -0.00 min
 Lab File: VY003132.D
 Acq: 07 Jul 2020 17:29

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.7	18.4	55.4
148	64.0	32.3	96.9





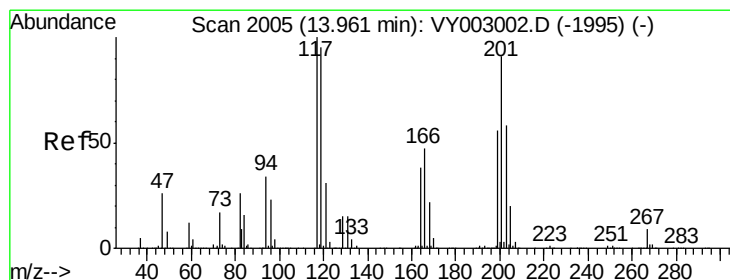
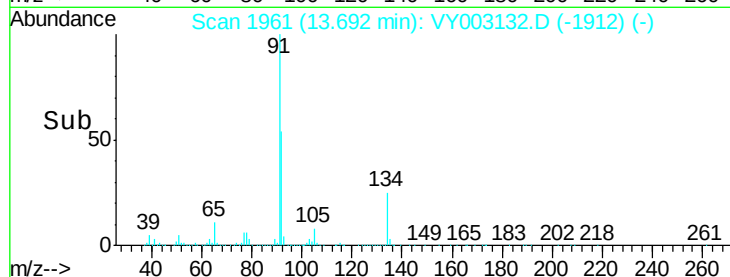
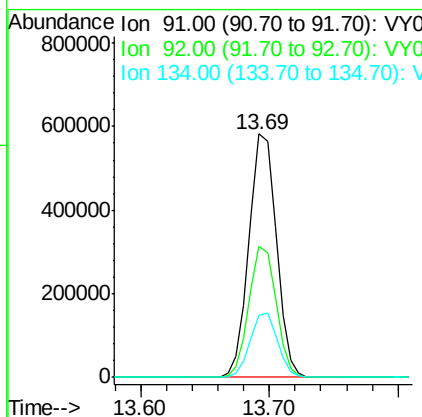
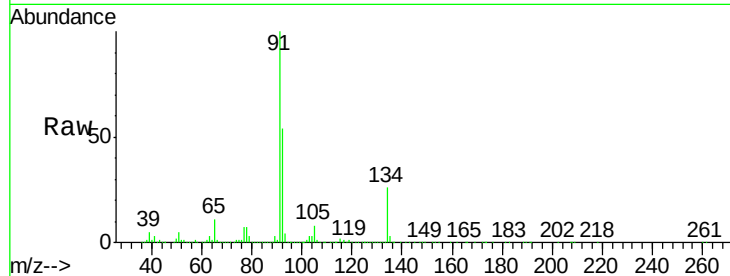
#89
n-Butylbenzene
Concen: 50.478 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. -0.00 min
Lab File: VY003132.D
Acq: 07 Jul 2020 17:29

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.5	26.8	80.3
134	26.6	13.1	39.1

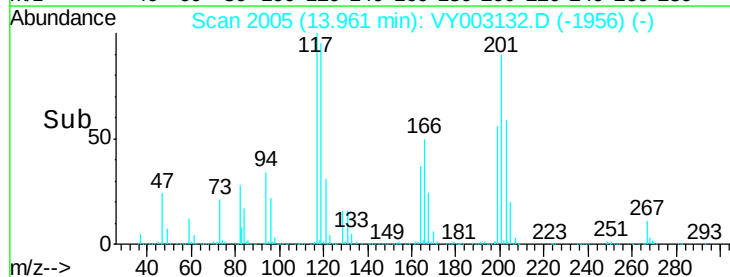
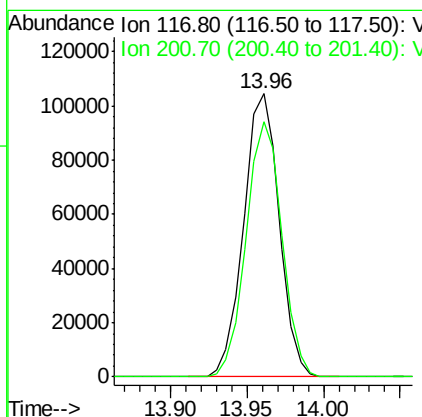
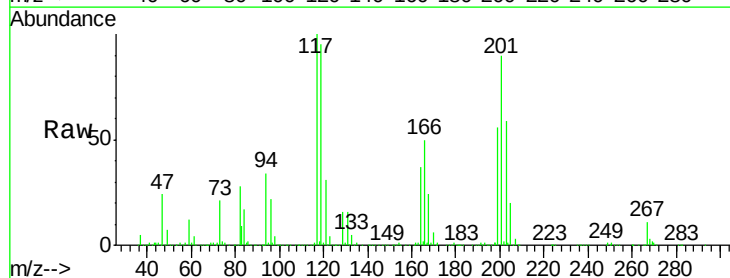
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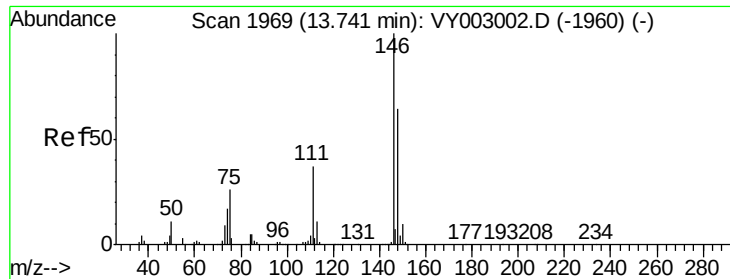
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#90
Hexachloroethane
Concen: 48.131 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.00 min
Lab File: VY003132.D
Acq: 07 Jul 2020 17:29

Tgt Ion	Ratio	Lower	Upper
117	100		
201	90.6	45.5	136.4





#91

1,2-Dichlorobenzene

Concen: 53.136 ug/l

RT: 13.74 min Scan# 1968

Delta R.T. -0.01 min

Lab File: VY003132.D

Acq: 07 Jul 2020 17:29

Instrument :

MSVOA_Y

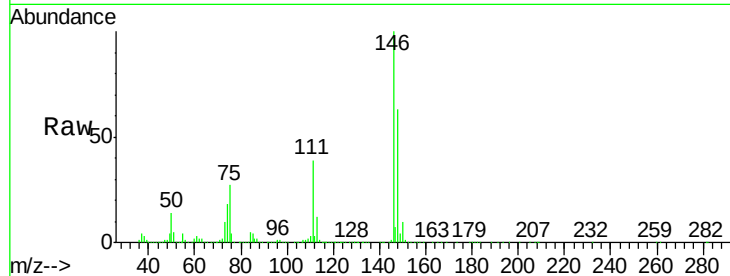
ClientSampleId :

VSTDCCC050EC

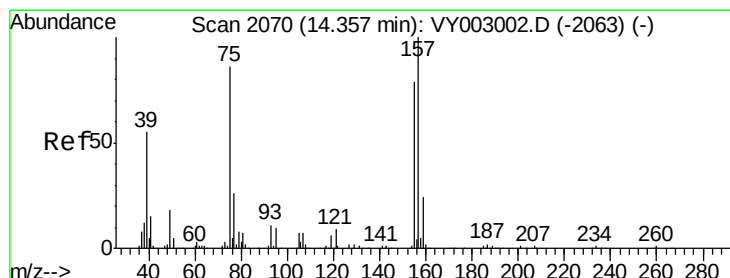
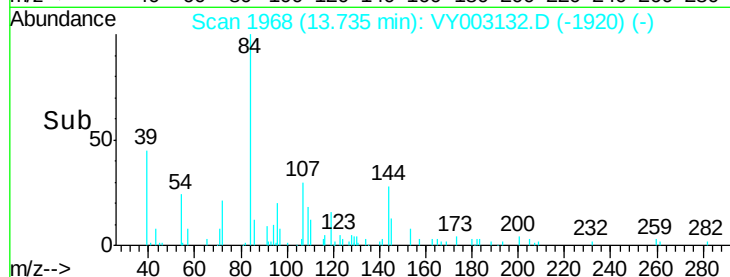
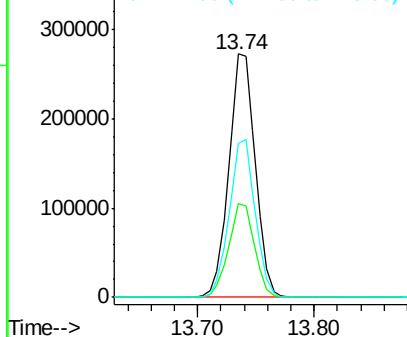
Tot Ion:	146	Resp:	428825
Ion Ratio	Lower	Upper	
146	100		
111	38.0	19.1	57.5
148	63.8	31.8	95.3

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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: 48.820 ug/l

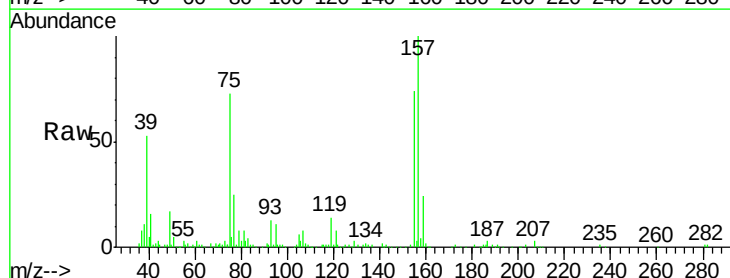
RT: 14.36 min Scan# 2070

Delta R.T. -0.00 min

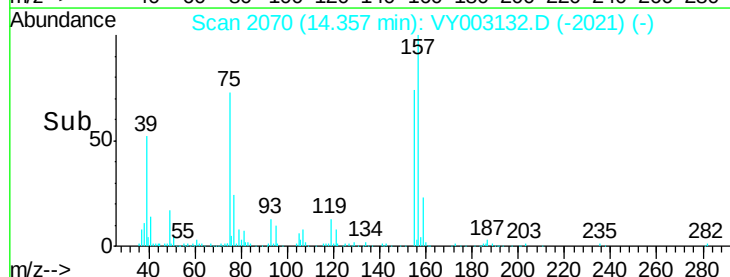
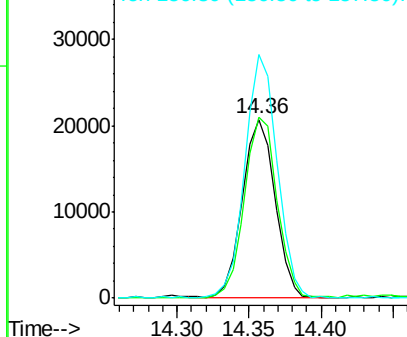
Lab File: VY003132.D

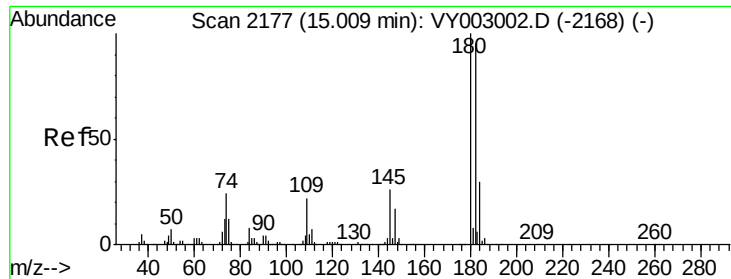
Acq: 07 Jul 2020 17:29

Tgt Ion:	75	Resp:	32772
Ion Ratio	Lower	Upper	
75	100		
155	100.9	46.5	139.3
157	133.9	59.2	177.5



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





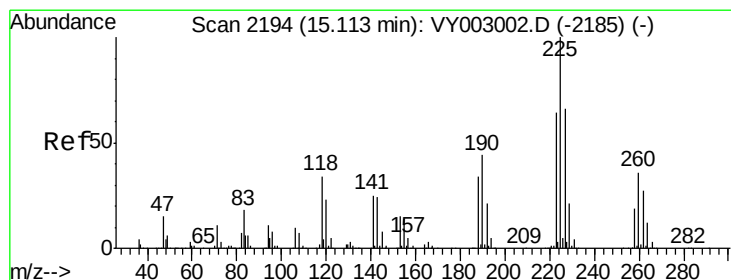
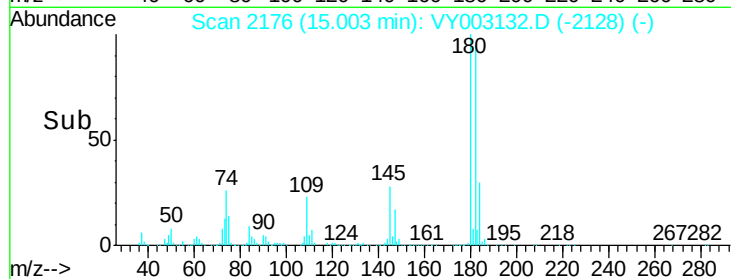
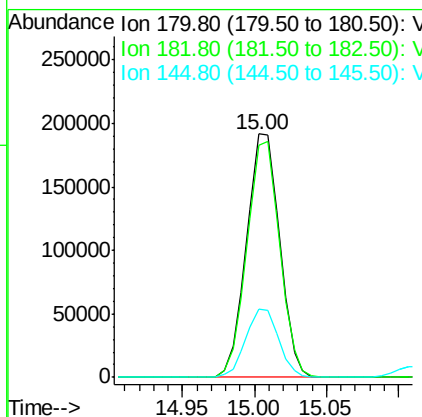
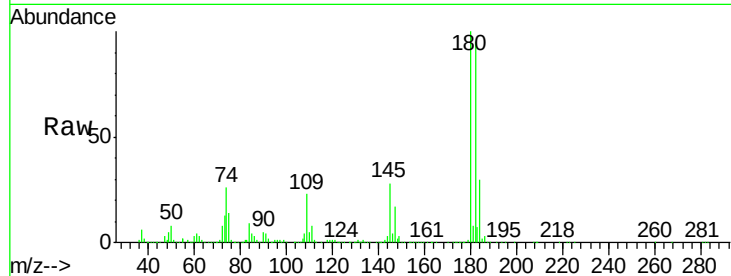
#93
 1,2,4-Trichlorobenzene
 Concen: 50.859 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. -0.01 min
 Lab File: VY003132.D
 Acq: 07 Jul 2020 17:29

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	304990		
182	95.9	48.1	144.3	
145	28.0	13.9	41.6	

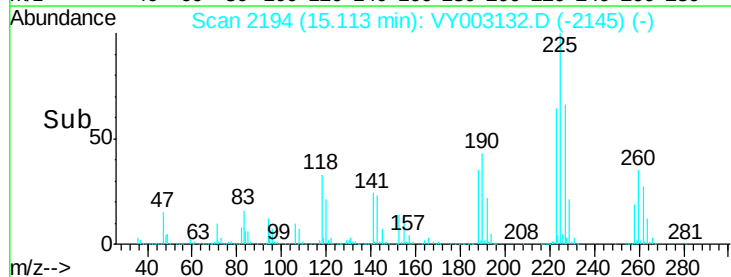
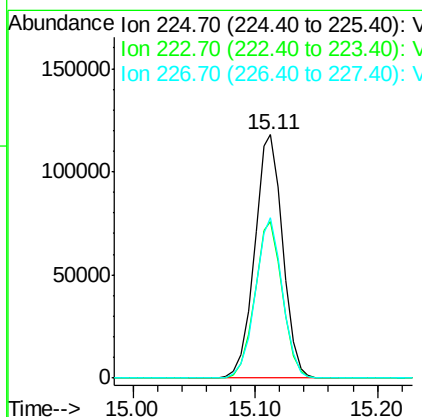
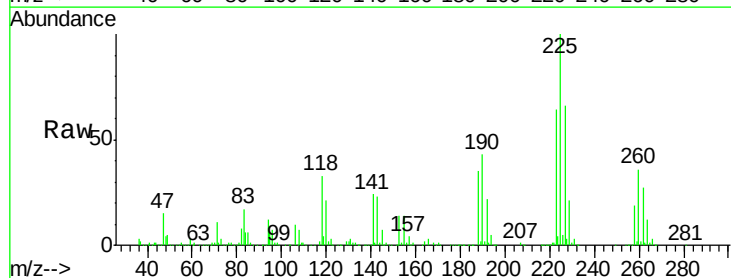
Manual Integrations
 APPROVED

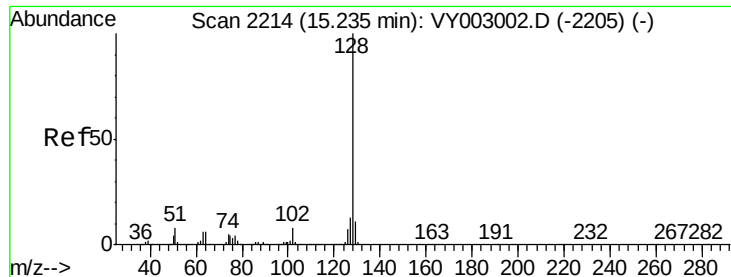
MMDadoda
 7/8/2020 12:20:51 PM



#94
 Hexachlorobutadiene
 Concen: 49.596 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. -0.00 min
 Lab File: VY003132.D
 Acq: 07 Jul 2020 17:29

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	187600		
223	63.1	32.4	97.0	
227	63.7	32.4	97.2	





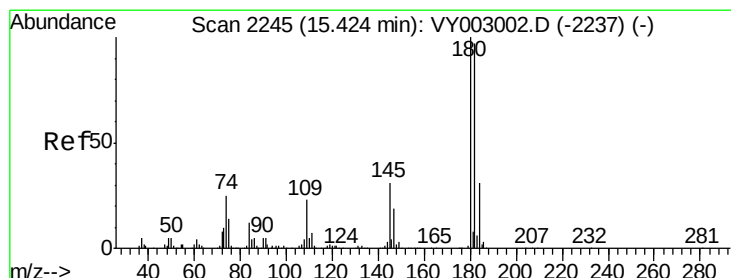
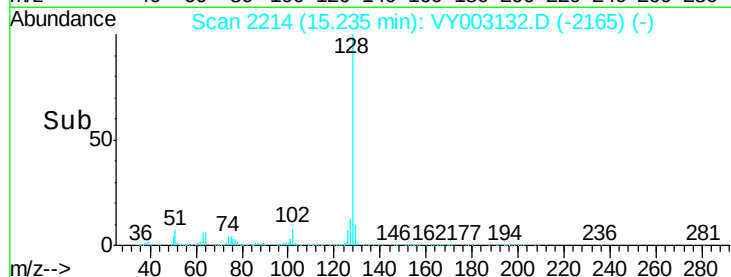
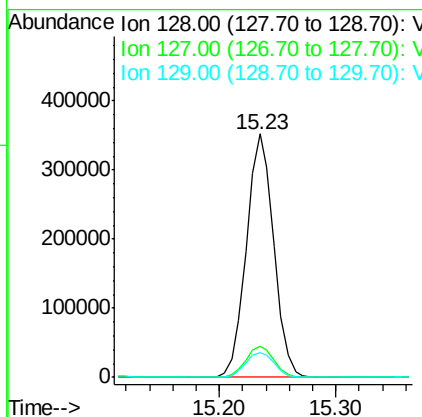
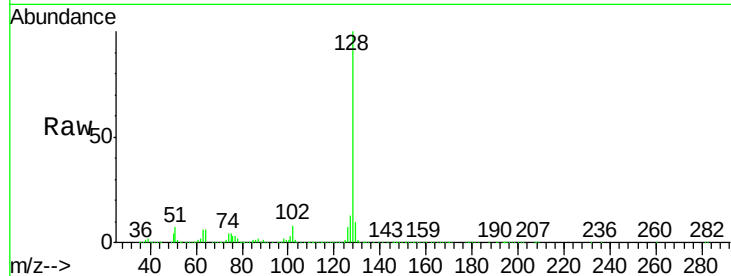
#95
Naphthalene
Concen: 52.429 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VY003132.D
Acq: 07 Jul 2020 17:29

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.8	16.2
129	10.9	8.8	13.2

Manual Integrations
APPROVED

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#96
1,2,3-Trichlorobenzene
Concen: 50.159 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. -0.00 min
Lab File: VY003132.D
Acq: 07 Jul 2020 17:29

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	47.8	143.3
145	28.9	14.7	44.1

