

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY072820\
 Data File : VY003373.D
 Acq On : 28 Jul 2020 14:15
 Operator : SY/MD
 Sample : VY0728SBS01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0728SBS01

Manual Integrations
 APPROVED

MMDadoda
 7/29/2020 7:07:25 PM

Quant Time: Jul 29 03:08:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y071020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 10 13:18:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	457026	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	676573	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	615389	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	332826	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	193687	50.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.42%	
35) Dibromofluoromethane	7.72	113	189620	48.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.40%	
50) Toluene-d8	10.18	98	686502	47.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.86%	
62) 4-Bromofluorobenzene	12.48	95	249266	47.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.34%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.90	85	71029	21.684	ug/l 96
3) Chloromethane	2.12	50	99611	21.923	ug/l 99
4) Vinyl Chloride	2.26	62	103423	22.185	ug/l 94
5) Bromomethane	2.64	94	76713	22.155	ug/l 98
6) Chloroethane	2.79	64	63984	20.897	ug/l 92
7) Trichlorofluoromethane	3.13	101	144040	21.636	ug/l 98
8) Diethyl Ether	3.54	74	49211	22.059	ug/l 91
9) 1,1,2-Trichlorotrifluoroet	3.90	101	87422	21.742	ug/l 99
10) Methyl Iodide	4.10	142	87840	20.108	ug/l 97
11) Tert butyl alcohol	4.96	59	53832	129.058	ug/l # 93
12) 1,1-Dichloroethene	3.88	96	80937	21.282	ug/l 100
13) Acrolein	3.74	56	24051	66.431	ug/l 100
14) Allyl chloride	4.49	41	133673	23.688	ug/l 96
15) Acrylonitrile	5.18	53	123680	115.412	ug/l 99
16) Acetone	3.95	43	100519	116.660	ug/l 99
17) Carbon Disulfide	4.20	76	246778	21.146	ug/l 98
18) Methyl Acetate	4.48	43	60283	25.193	ug/l 97
19) Methyl tert-butyl Ether	5.23	73	230289	21.608	ug/l 99
20) Methylene Chloride	4.72	84	119093	24.689	ug/l 96
21) trans-1,2-Dichloroethene	5.23	96	93259	21.681	ug/l 98
22) Diisopropyl ether	6.13	45	294904	23.547	ug/l 97
23) Vinyl Acetate	6.07	43	936072	112.136	ug/l 99
24) 1,1-Dichloroethane	6.03	63	163883	22.586	ug/l 100
25) 2-Butanone	6.99	43	162372	114.772	ug/l 98
26) 2,2-Dichloropropane	6.99	77	148924	22.791	ug/l 100
27) cis-1,2-Dichloroethene	6.99	96	102992	21.747	ug/l 96
28) Bromochloromethane	7.34	49	74224	23.627	ug/l 97
29) Tetrahydrofuran	7.36	42	108604	114.272	ug/l 97
30) Chloroform	7.52	83	164939	22.071	ug/l 99
31) Cyclohexane	7.78	56	152323	21.710	ug/l 97
32) 1,1,1-Trichloroethane	7.71	97	146143	21.723	ug/l 100
36) 1,1-Dichloropropene	7.93	75	128441	20.946	ug/l 99
37) Ethyl Acetate	7.08	43	75246	22.786	ug/l 99
38) Carbon Tetrachloride	7.91	117	135116	21.344	ug/l 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.18	83	157880	20.496	ug/l	96
40) Benzene	8.16	78	364733	21.602	ug/l	96
41) Methacrylonitrile	7.33	41	38179m	19.196	ug/l	
42) 1,2-Dichloroethane	8.24	62	109821	21.127	ug/l	99
43) Isopropyl Acetate	8.27	43	137994	21.589	ug/l	99
44) Trichloroethene	8.94	130	104757	20.239	ug/l	98
45) 1,2-Dichloropropane	9.22	63	96159	22.010	ug/l	100
46) Dibromomethane	9.31	93	53220	20.857	ug/l	99
47) Bromodichloromethane	9.50	83	131015	21.588	ug/l	96
48) Methyl methacrylate	9.29	41	62279	21.794	ug/l	97
49) 1,4-Dioxane	9.30	88	12948	399.809	ug/l #	87
51) 4-Methyl-2-Pentanone	10.07	43	362020	108.965	ug/l	99
52) Toluene	10.24	92	226316	20.971	ug/l	98
53) t-1,3-Dichloropropene	10.47	75	135193	21.501	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	155817	21.507	ug/l	95
55) 1,1,2-Trichloroethane	10.64	97	76202	21.074	ug/l	98
56) Ethyl methacrylate	10.51	69	104818	21.322	ug/l	98
57) 1,3-Dichloropropane	10.79	76	131408	21.434	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	277167	110.552	ug/l	100
59) 2-Hexanone	10.83	43	251707	108.530	ug/l	99
60) Dibromochloromethane	10.99	129	96308	21.176	ug/l	98
61) 1,2-Dibromoethane	11.09	107	74213	20.795	ug/l	98
64) Tetrachloroethene	10.72	164	105930	19.306	ug/l	96
65) Chlorobenzene	11.52	112	253058	21.346	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.59	131	97620	21.201	ug/l	99
67) Ethyl Benzene	11.59	91	450278	21.272	ug/l	98
68) m/p-Xylenes	11.70	106	338843	42.189	ug/l	99
69) o-Xylene	12.03	106	158787	21.163	ug/l	99
70) Styrene	12.04	104	276337	21.529	ug/l	100
71) Bromoform	12.20	173	62668	20.737	ug/l #	99
73) Isopropylbenzene	12.33	105	440032	20.746	ug/l	100
74) N-amyl acetate	12.14	43	126671	21.285	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	87352	21.324	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	60878m	20.664	ug/l	
77) Bromobenzene	12.61	156	112575	20.822	ug/l	99
78) n-propylbenzene	12.67	91	530214	21.208	ug/l	99
79) 2-Chlorotoluene	12.75	91	290479	20.824	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	369040	20.876	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	32512	21.478	ug/l	95
82) 4-Chlorotoluene	12.85	91	306221	21.032	ug/l	99
83) tert-Butylbenzene	13.07	119	332622	21.325	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	373176	20.981	ug/l	98
85) sec-Butylbenzene	13.25	105	454654	21.207	ug/l	100
86) p-Isopropyltoluene	13.37	119	416841	20.824	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	212398	20.775	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	213414	21.084	ug/l	99
89) n-Butylbenzene	13.69	91	399496	21.217	ug/l	99
90) Hexachloroethane	13.96	117	81599	22.384	ug/l	99
91) 1,2-Dichlorobenzene	13.73	146	191028	21.291	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	14562	21.927	ug/l	94

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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	136846	21.440	ug/l	98
94) Hexachlorobutadiene	15.11	225	90197	20.623	ug/l	100
95) Naphthalene	15.23	128	228879	21.697	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	113487	22.492	ug/l	98

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

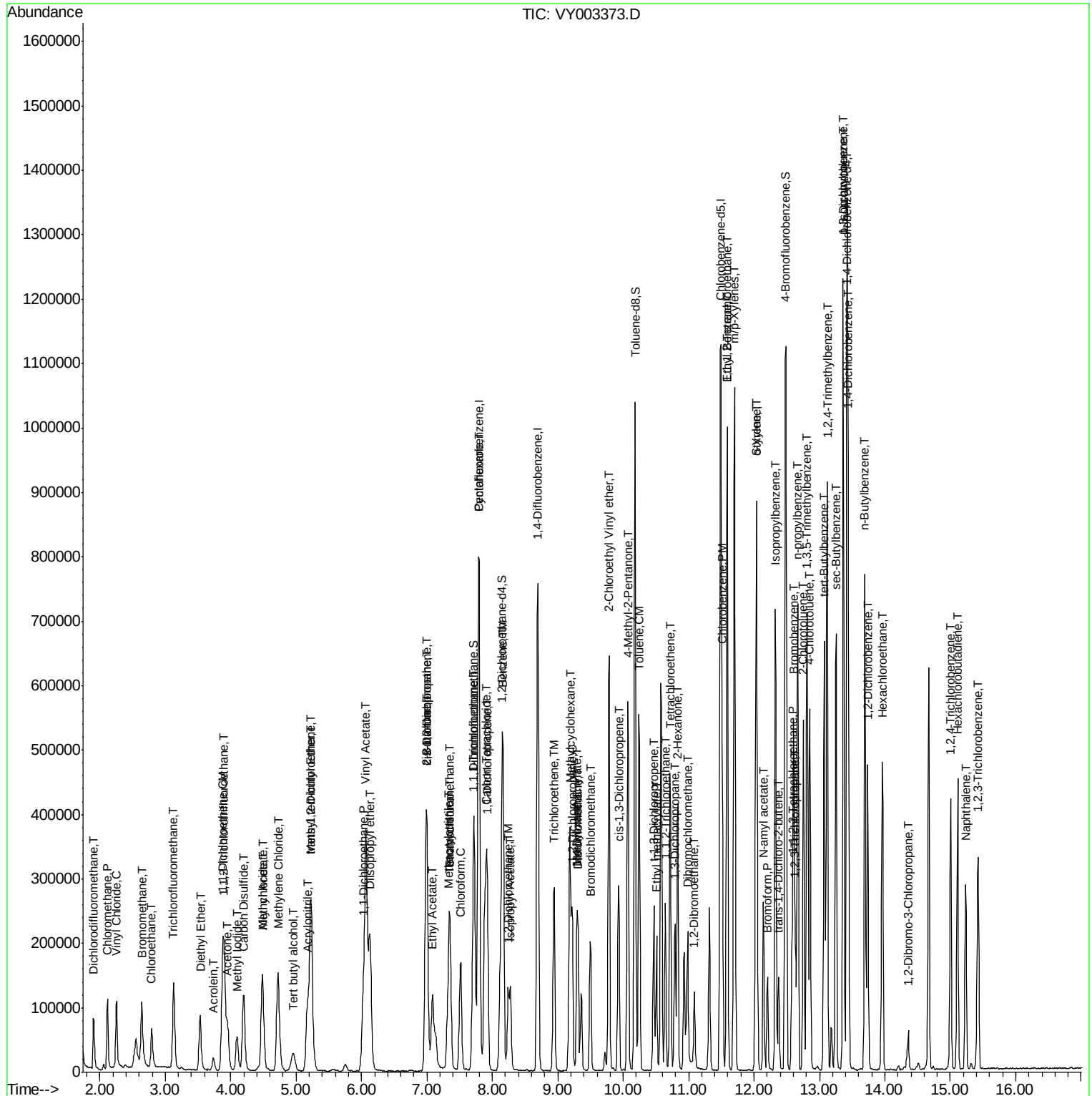
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Data File : VY003373.D
Acq On : 28 Jul 2020 14:15
Operator : SY/MD
Sample : VY0728SBSD01
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

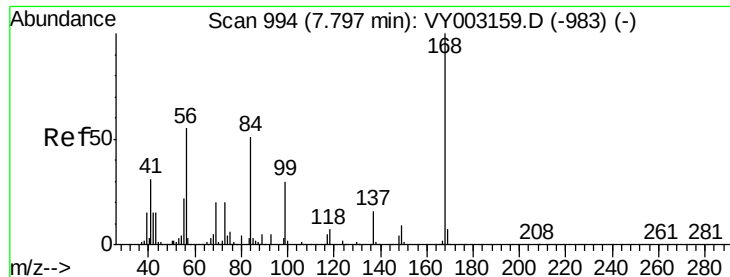
Instrument :
MSVOA_Y
Client Sample ID :
VY0728SBSD01

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY003373.D

Acq: 28 Jul 2020 14:15

Instrument :

MSVOA_Y

ClientSampleId :

VY0728SBS01

Tgt Ion:168 Resp: 457026

Ion Ratio Lower Upper

168 100

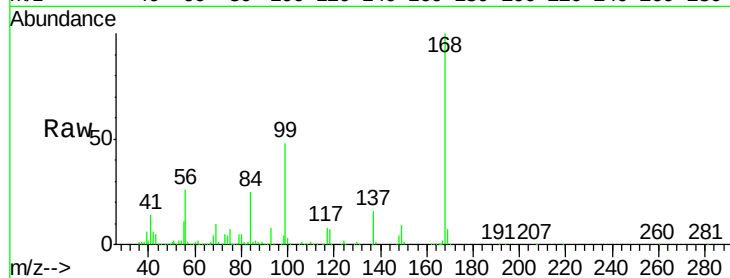
99 48.2 37.3 55.9

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

7.80

200000

150000

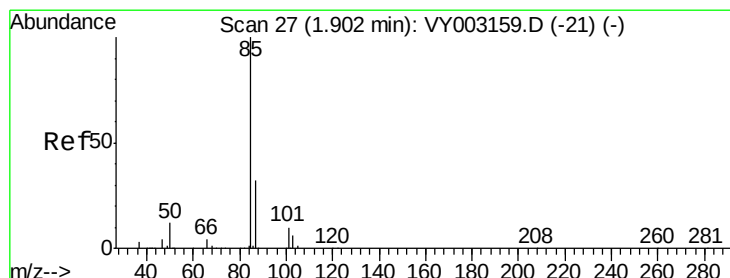
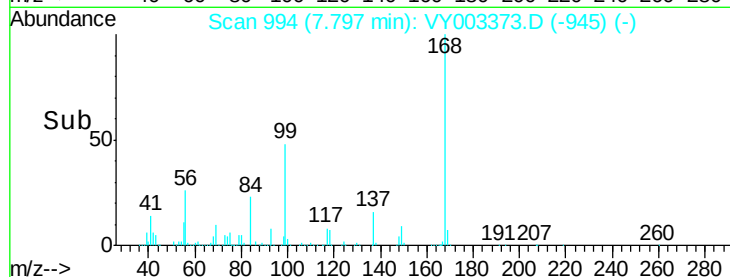
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 21.684 ug/l

RT: 1.90 min Scan# 27

Delta R.T. 0.00 min

Lab File: VY003373.D

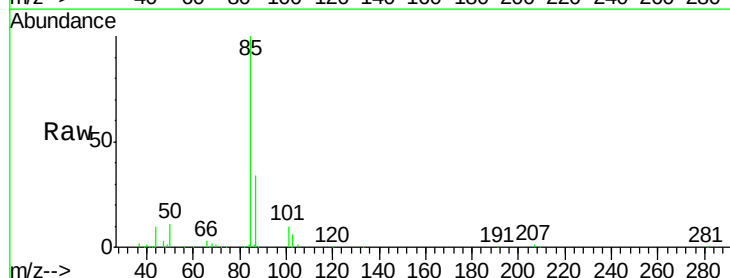
Acq: 28 Jul 2020 14:15

Tgt Ion: 85 Resp: 71029

Ion Ratio Lower Upper

85 100

87 34.2 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VY0

Ion 86.90 (86.60 to 87.60): VY0

1.90

50000

40000

30000

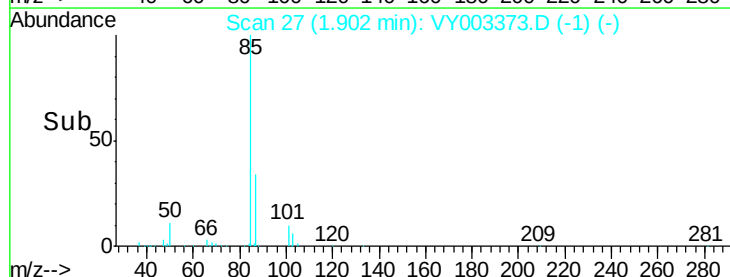
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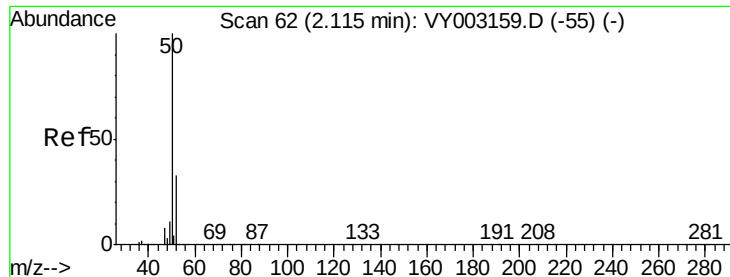
10000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 21.923 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY003373.D

Acq: 28 Jul 2020 14:15

Instrument :

MSVOA_Y

ClientSampleId :

VY0728SBS01

Tgt Ion: 50 Resp: 99611

Ion Ratio Lower Upper

50 100

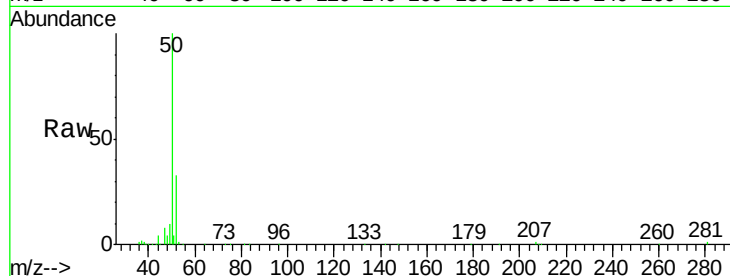
52 32.6 26.6 39.8

Manual Integrations

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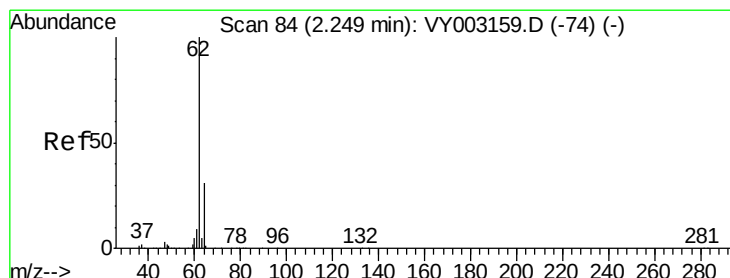
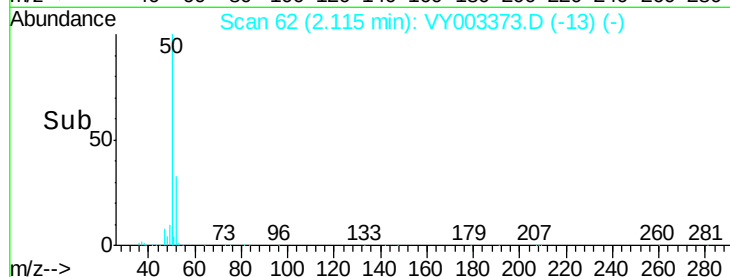
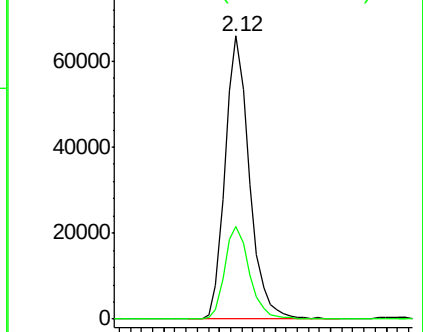
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Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 22.185 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.01 min

Lab File: VY003373.D

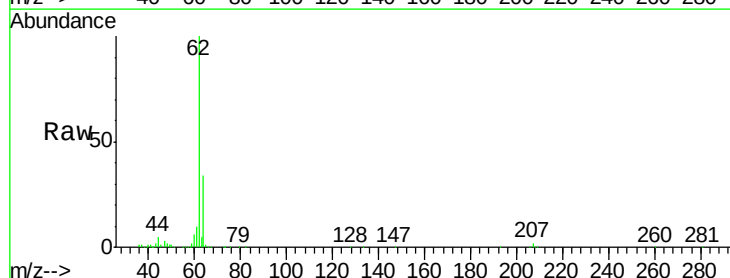
Acq: 28 Jul 2020 14:15

Tgt Ion: 62 Resp: 103423

Ion Ratio Lower Upper

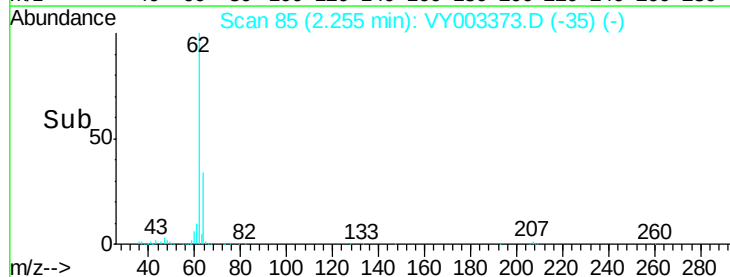
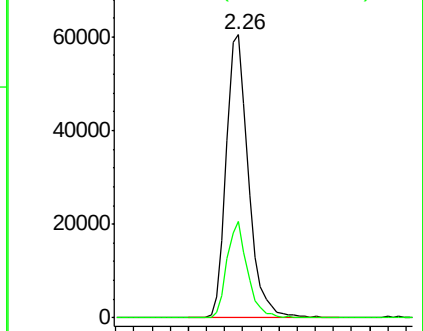
62 100

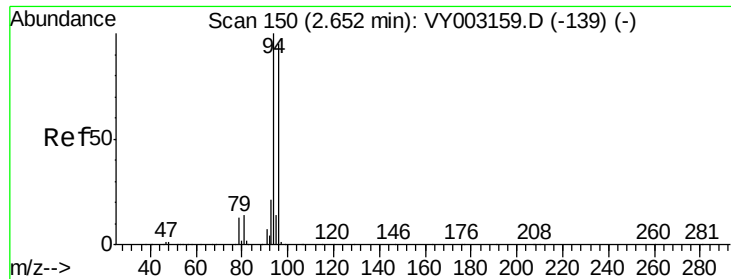
64 34.3 24.6 37.0



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 22.155 ug/l

RT: 2.64 min Scan# 148

Delta R.T. -0.01 min

Lab File: VY003373.D

Acq: 28 Jul 2020 14:15

Instrument :

MSVOA_Y

ClientSampleId :

VY0728SBS01

Tgt Ion: 94 Resp: 76713

Ion Ratio Lower Upper

94 100

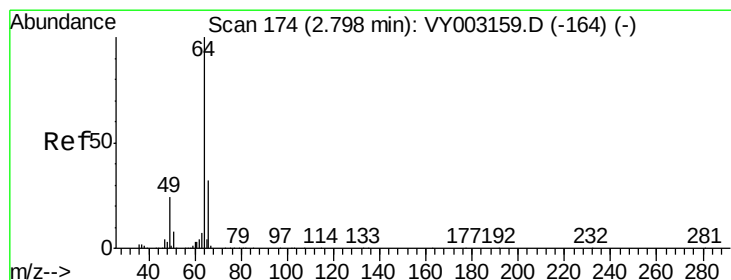
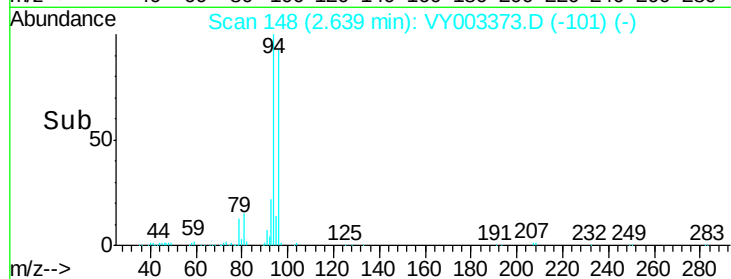
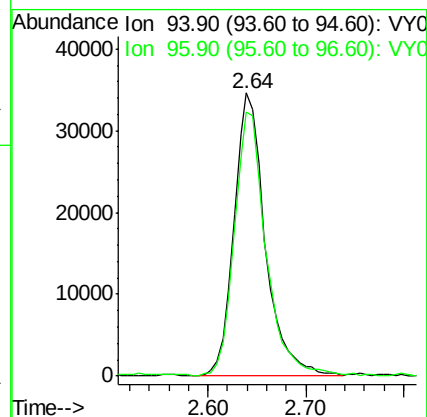
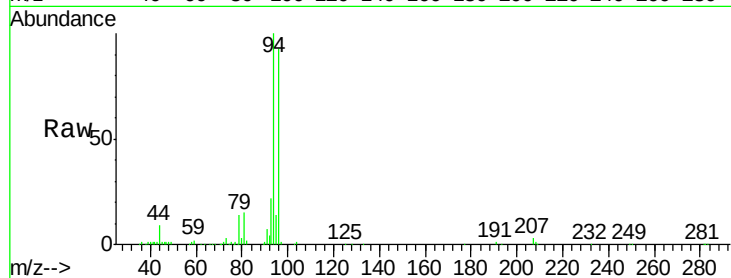
96 93.2 76.0 114.0

Manual Integrations

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#6

Chloroethane

Concen: 20.897 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.01 min

Lab File: VY003373.D

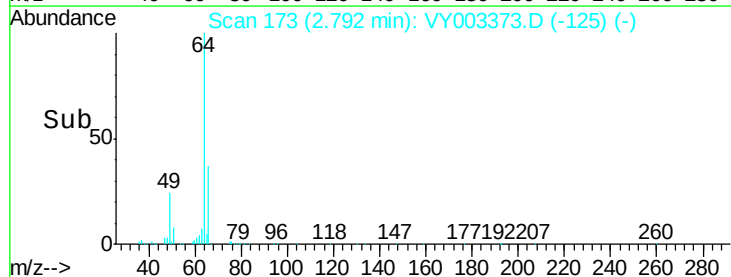
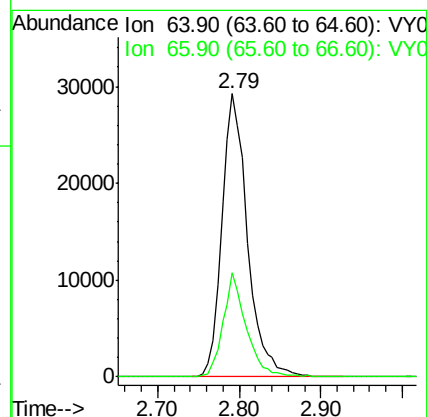
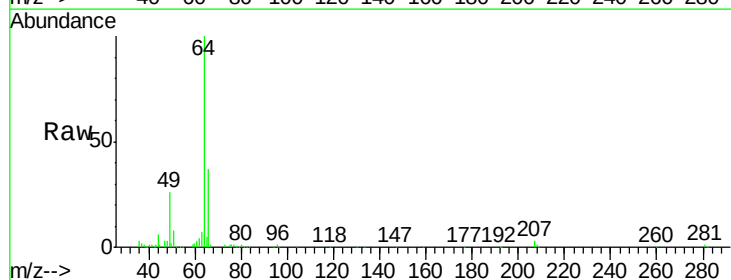
Acq: 28 Jul 2020 14:15

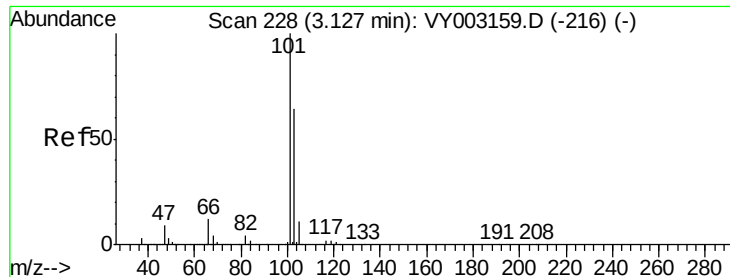
Tgt Ion: 64 Resp: 63984

Ion Ratio Lower Upper

64 100

66 36.8 26.0 39.0





#7

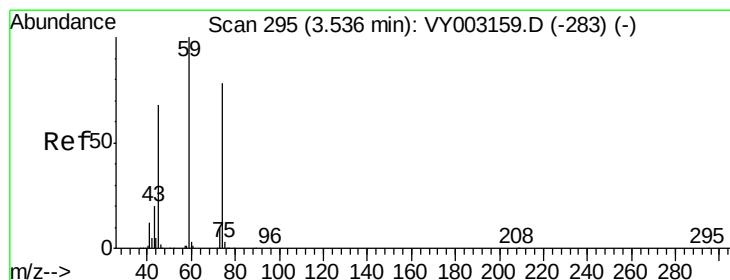
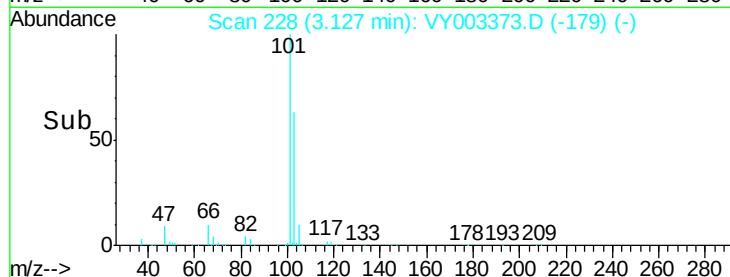
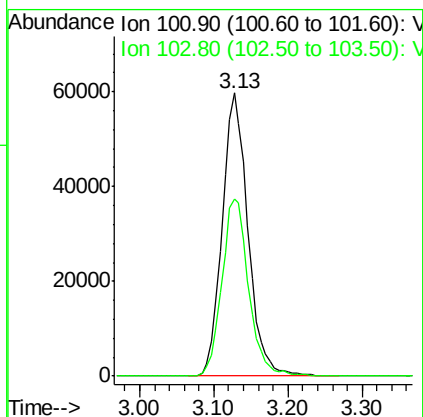
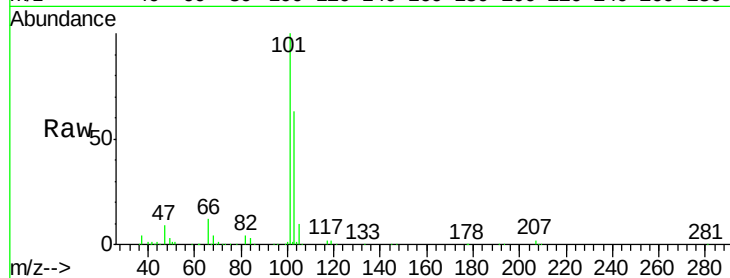
Trichlorofluoromethane
Concen: 21.636 ug/l
RT: 3.13 min Scan# 228
Delta R.T. -0.00 min
Lab File: VY003373.D
Acq: 28 Jul 2020 14:15

Instrument :
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ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
101	100		
103	62.6	51.3	76.9

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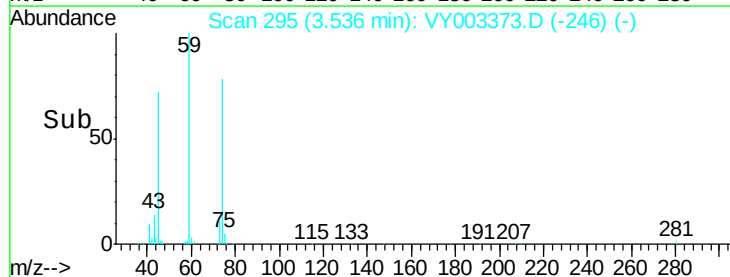
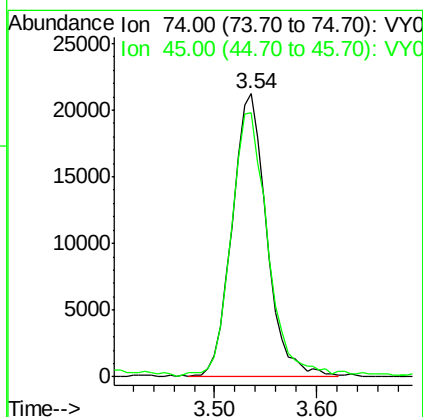
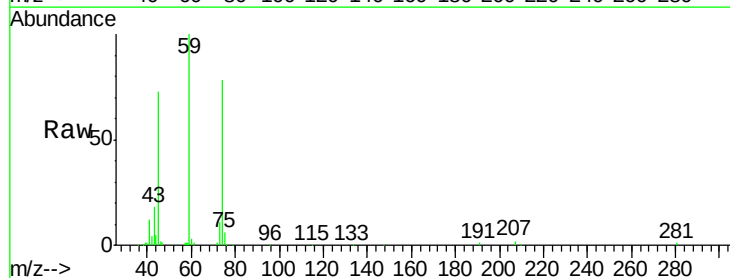
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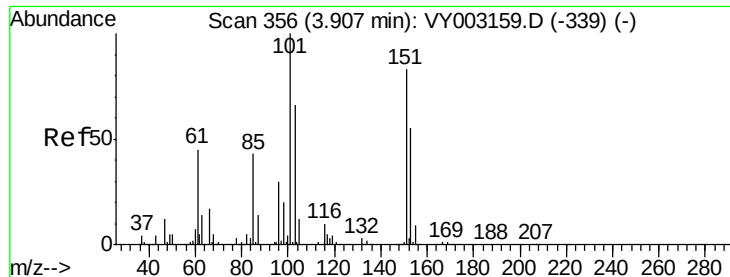


#8

Diethyl Ether
Concen: 22.059 ug/l
RT: 3.54 min Scan# 295
Delta R.T. 0.00 min
Lab File: VY003373.D
Acq: 28 Jul 2020 14:15

Tgt Ion	Ratio	Lower	Upper
74	100		
45	98.9	45.3	135.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.742 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.01 min

Lab File: VY003373.D

Acq: 28 Jul 2020 14:15

Instrument :

MSVOA_Y

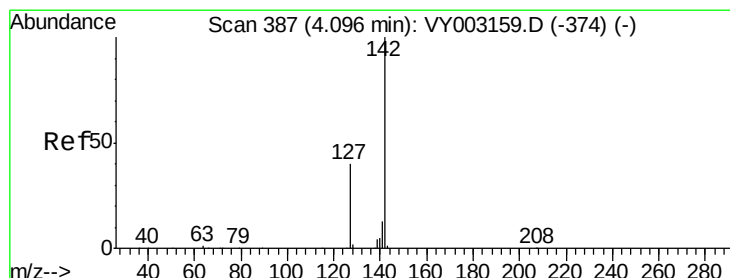
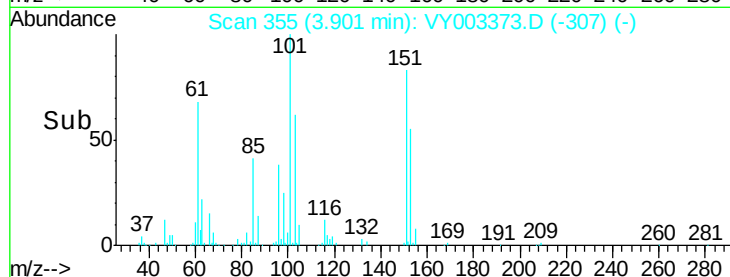
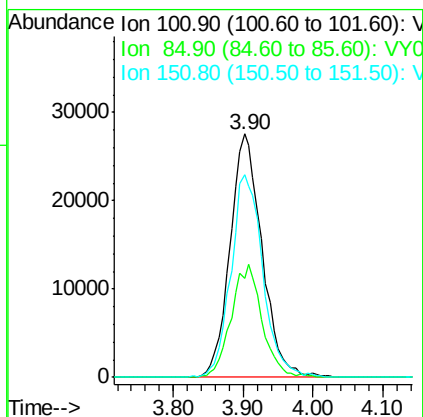
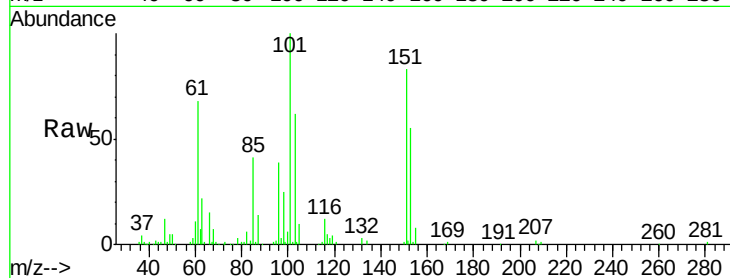
ClientSampleId :

VY0728SBS01

Tgt Ion:	101	Resp:	87422
Ion Ratio	Lower	Upper	
101	100		
85	44.7	34.9	52.3
151	83.3	67.0	100.6

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#10

Methyl Iodide

Concen: 20.108 ug/l

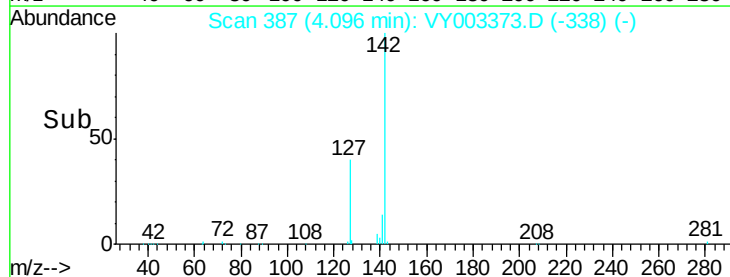
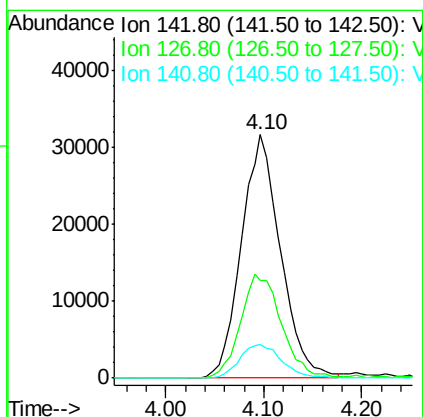
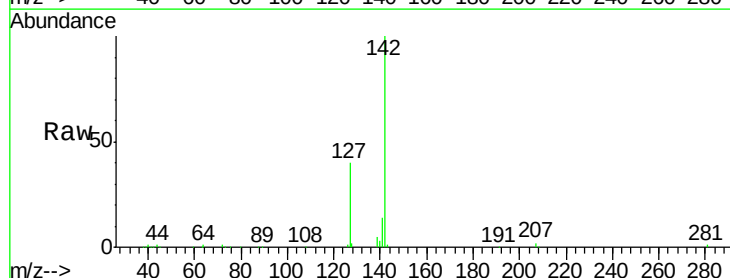
RT: 4.10 min Scan# 387

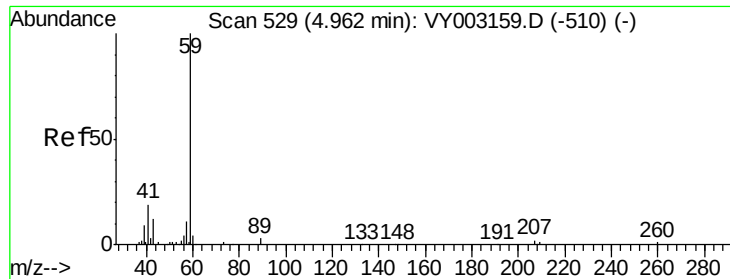
Delta R.T. 0.00 min

Lab File: VY003373.D

Acq: 28 Jul 2020 14:15

Tgt Ion:	142	Resp:	87840
Ion Ratio	Lower	Upper	
142	100		
127	44.3	33.5	50.3
141	15.0	11.2	16.8





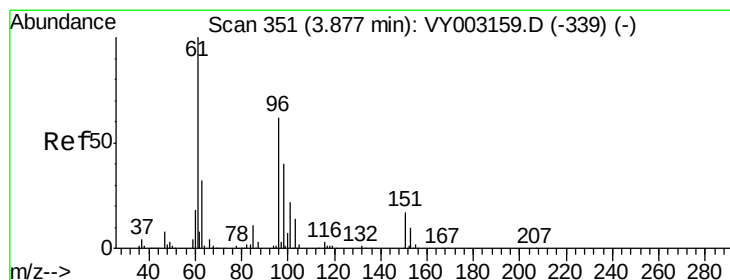
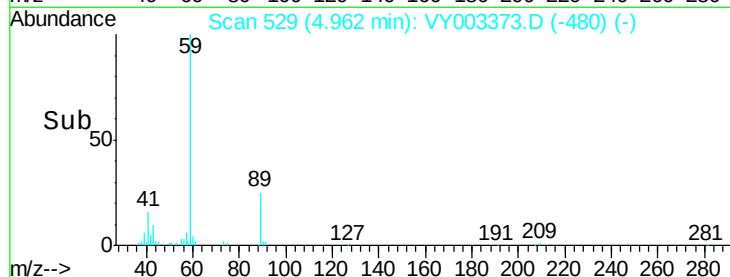
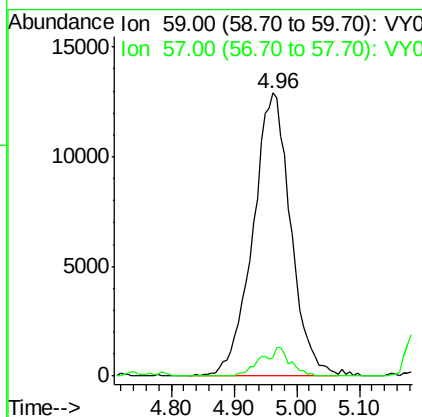
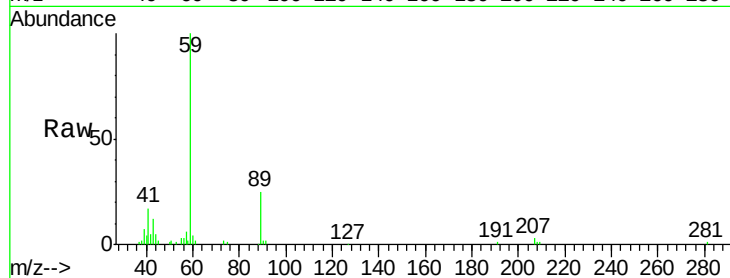
#11
Tert butyl alcohol
Concen: 129.058 ug/l
RT: 4.96 min Scan# 529
Delta R.T. 0.00 min
Lab File: VY003373.D
Acq: 28 Jul 2020 14:15

Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS01

Tgt Ion	Ratio	Lower	Upper
59	100		
57	7.9	8.4	12.6#

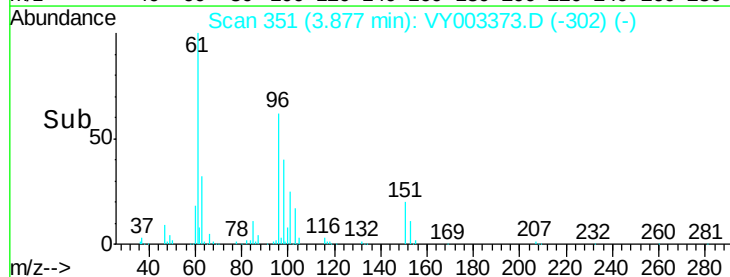
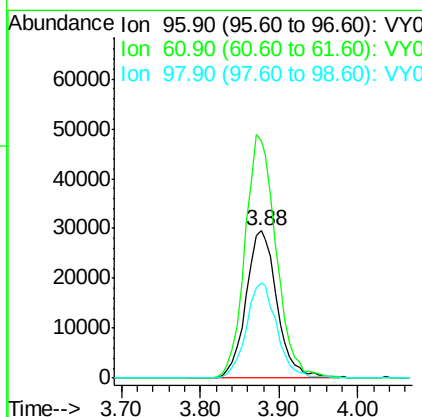
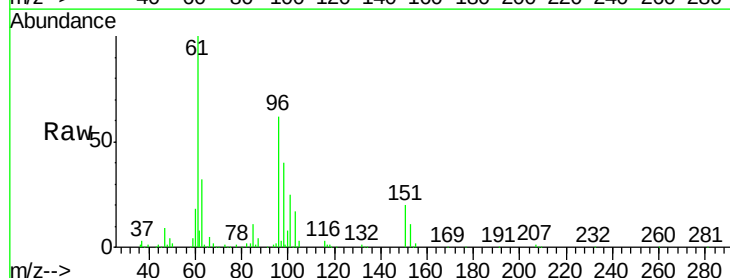
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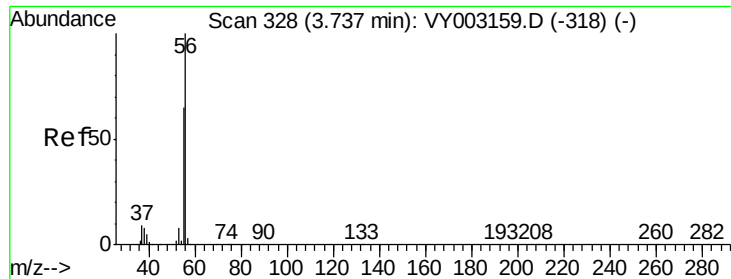
MMDadoda
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#12
1,1-Dichloroethene
Concen: 21.282 ug/l
RT: 3.88 min Scan# 351
Delta R.T. -0.00 min
Lab File: VY003373.D
Acq: 28 Jul 2020 14:15

Tgt Ion	Ratio	Lower	Upper
96	100		
61	161.3	128.6	193.0
98	64.5	51.6	77.4





#13

Acrolein

Concen: 66.431 ug/l

RT: 3.74 min Scan# 328

Delta R.T. 0.00 min

Lab File: VY003373.D

Acq: 28 Jul 2020 14:15

Instrument :

MSVOA_Y

ClientSampleId :

VY0728SBS01

Tgt Ion: 56 Resp: 24051

Ion Ratio Lower Upper

56 100

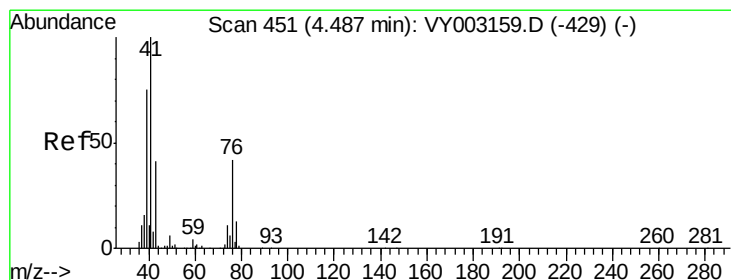
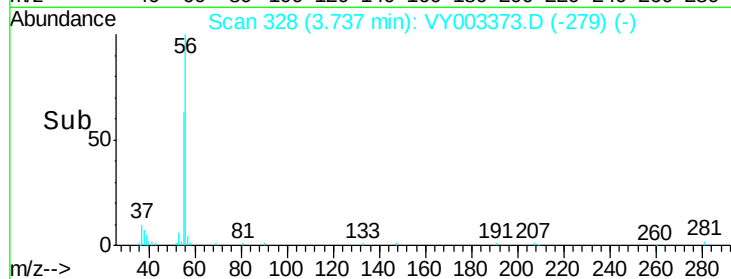
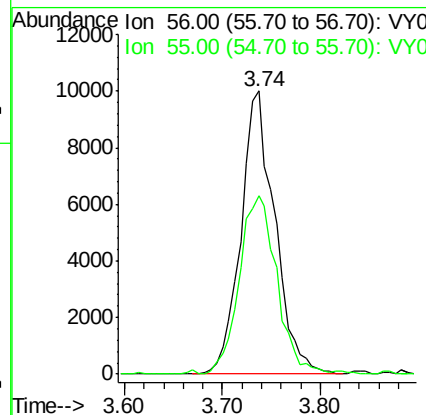
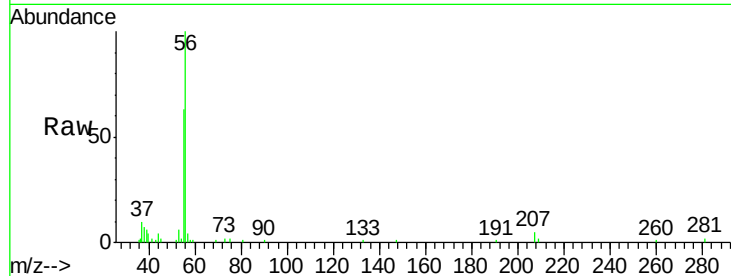
55 69.7 56.0 84.0

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#14

Allyl chloride

Concen: 23.688 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.00 min

Lab File: VY003373.D

Acq: 28 Jul 2020 14:15

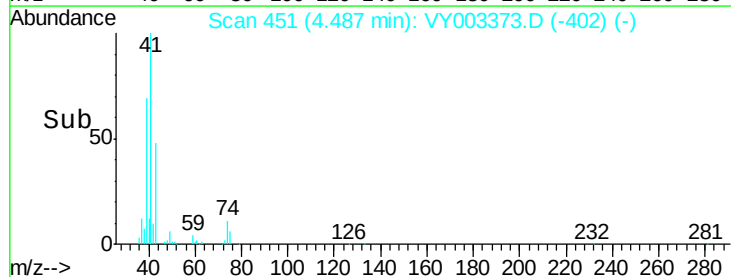
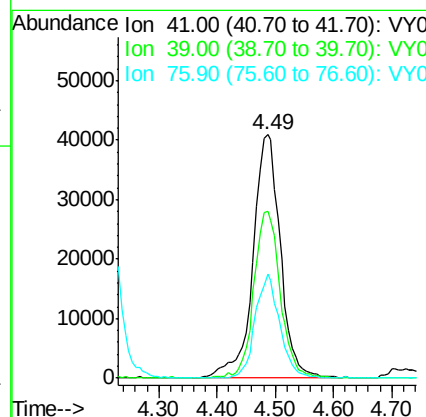
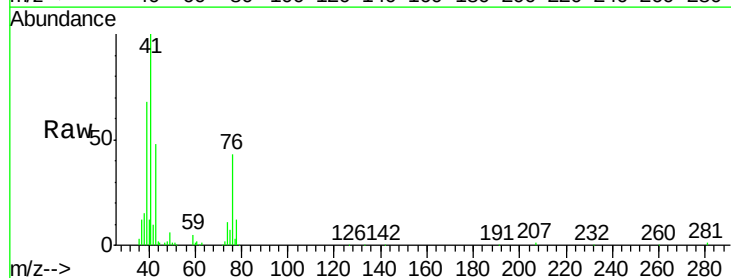
Tgt Ion: 41 Resp: 133673

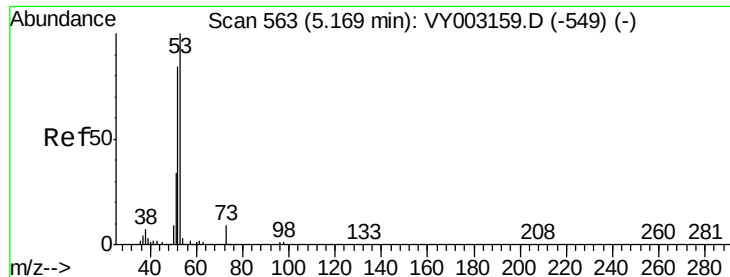
Ion Ratio Lower Upper

41 100

39 66.1 56.6 85.0

76 38.2 31.6 47.4





#15

Acrylonitrile

Concen: 115.412 ug/l

RT: 5.18 min Scan# 564

Delta R.T. 0.01 min

Lab File: VY003373.D

Acq: 28 Jul 2020 14:15

Instrument :

MSVOA_Y

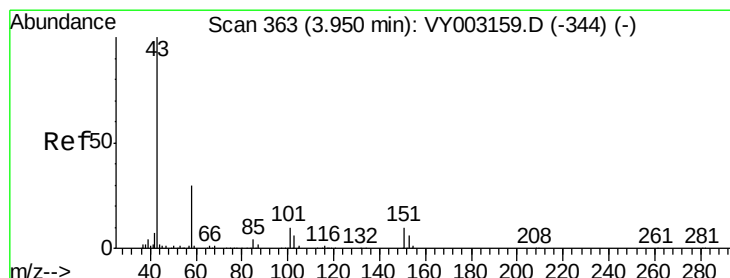
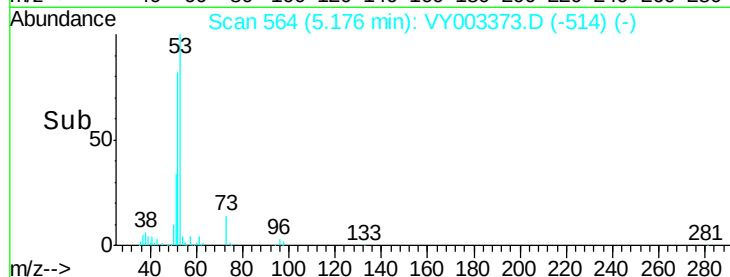
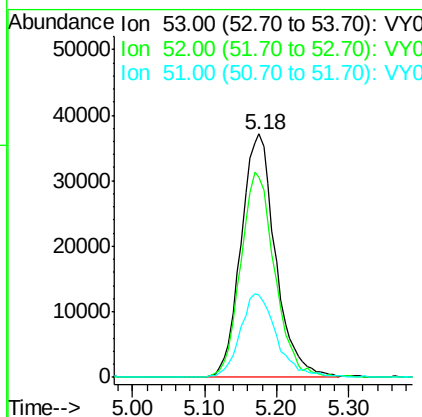
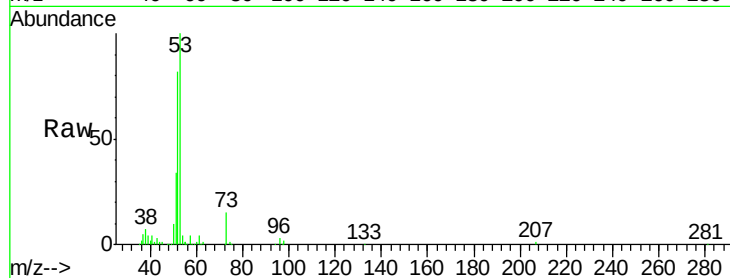
ClientSampleId :

VY0728SBS01

Tgt Ion:	53	Resp:	123680
Ion	Ratio	Lower	Upper
53	100		
52	83.5	65.8	98.6
51	35.9	29.0	43.4

Manual Integrations
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#16

Acetone

Concen: 116.660 ug/l

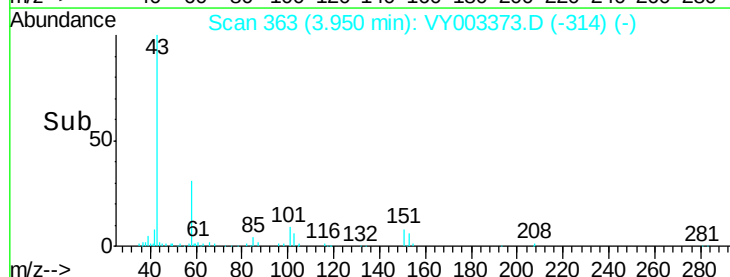
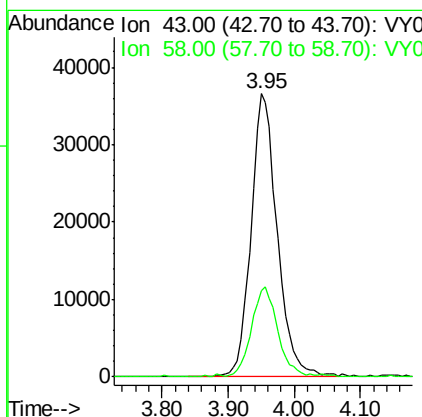
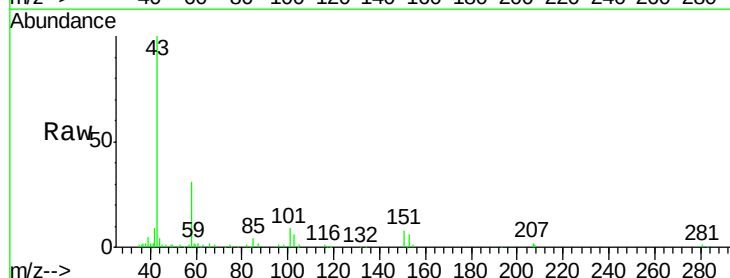
RT: 3.95 min Scan# 363

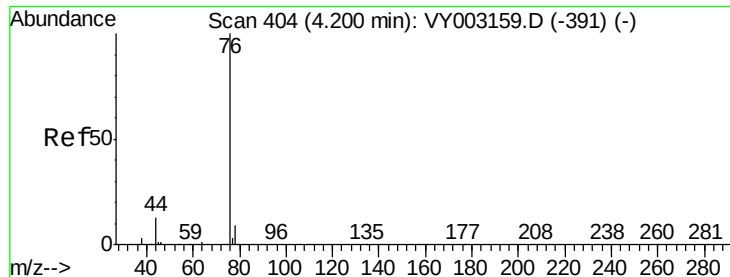
Delta R.T. 0.00 min

Lab File: VY003373.D

Acq: 28 Jul 2020 14:15

Tgt Ion:	43	Resp:	100519
Ion	Ratio	Lower	Upper
43	100		
58	30.4	23.8	35.6





#17

Carbon Disulfide

Concen: 21.146 ug/l

RT: 4.20 min Scan# 404

Delta R.T. 0.00 min

Lab File: VY003373.D

Acq: 28 Jul 2020 14:15

Instrument :

MSVOA_Y

ClientSampleId :

VY0728SBS01

Tgt Ion: 76 Resp: 246778

Ion Ratio Lower Upper

76 100

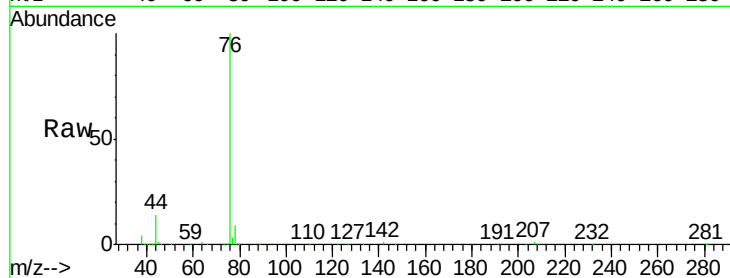
78 8.5 7.3 10.9

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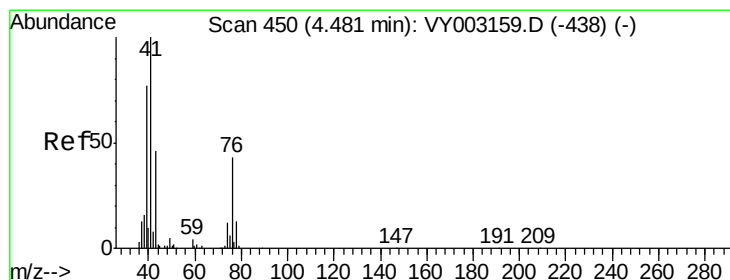
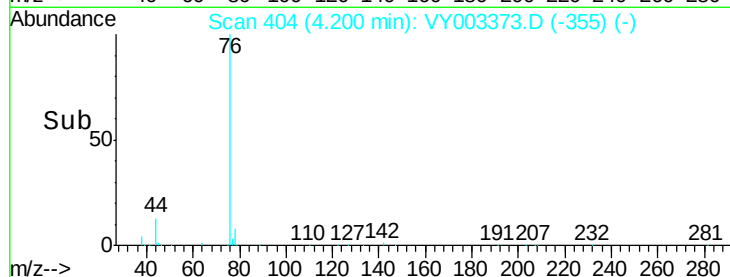
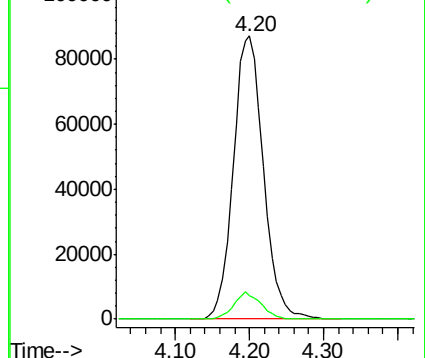
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Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 25.193 ug/l

RT: 4.48 min Scan# 450

Delta R.T. -0.00 min

Lab File: VY003373.D

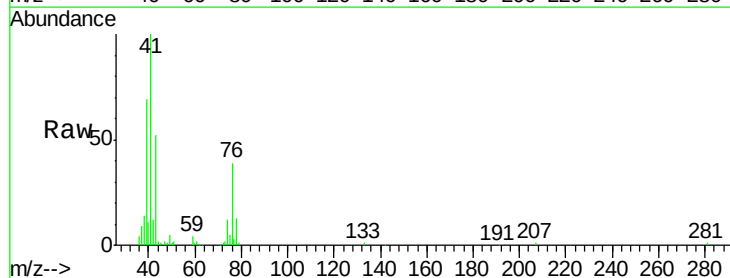
Acq: 28 Jul 2020 14:15

Tgt Ion: 43 Resp: 60283

Ion Ratio Lower Upper

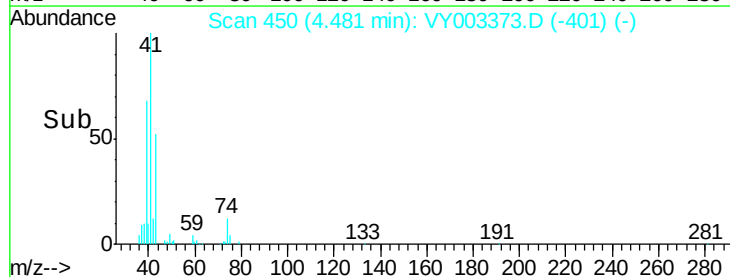
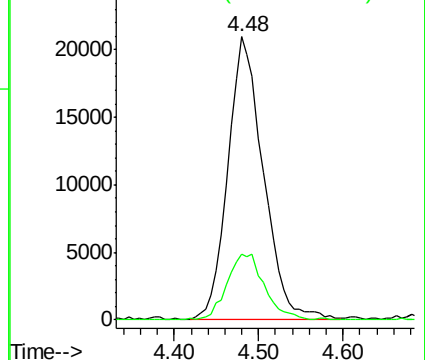
43 100

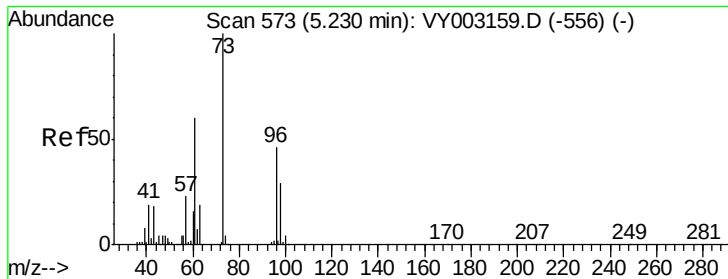
74 24.4 20.8 31.2



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0





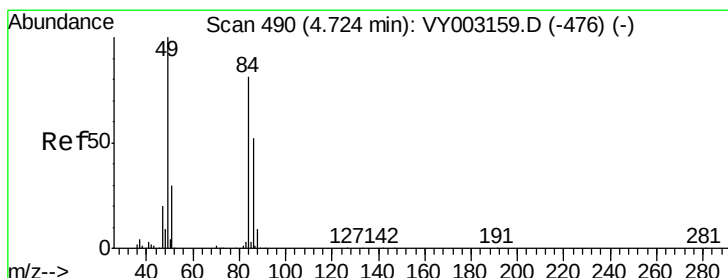
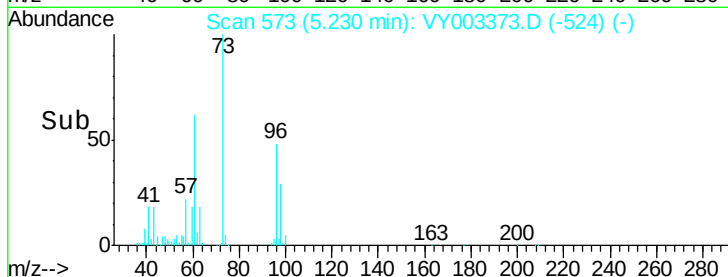
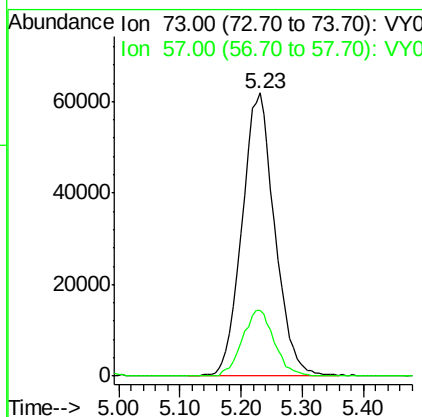
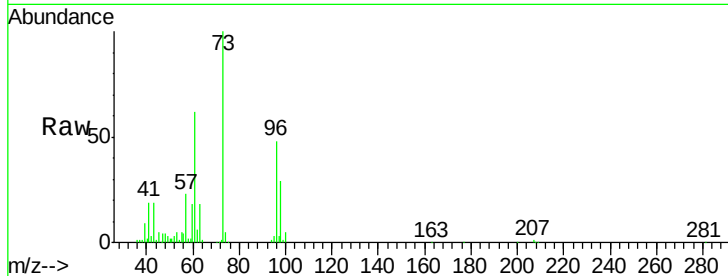
#19
Methyl tert-butyl Ether
Concen: 21.608 ug/l
RT: 5.23 min Scan# 573
Delta R.T. -0.00 min
Lab File: VY003373.D
Acq: 28 Jul 2020 14:15

Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS01

Tgt Ion: 73 Resp: 230289
Ion Ratio Lower Upper
73 100
57 23.1 18.1 27.1

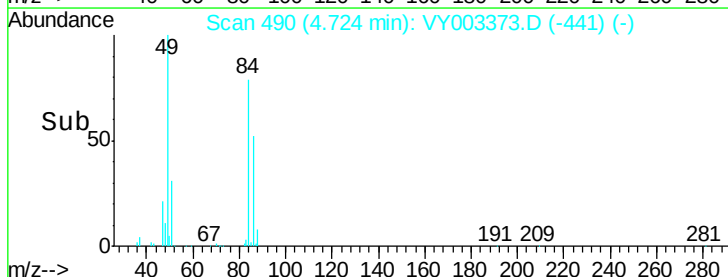
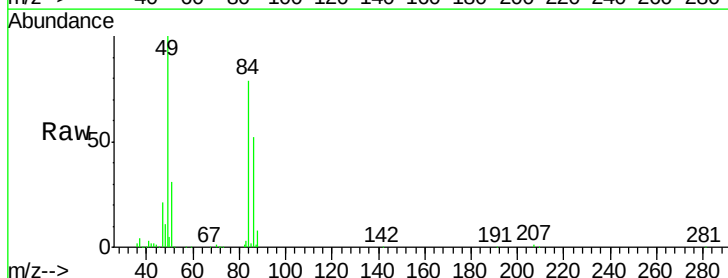
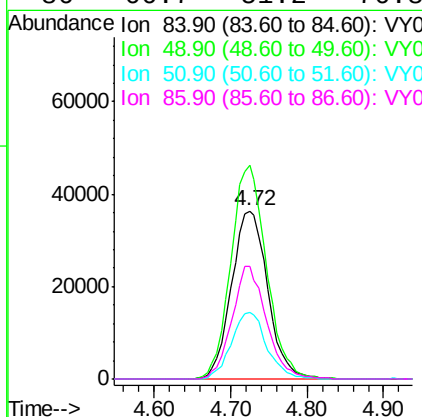
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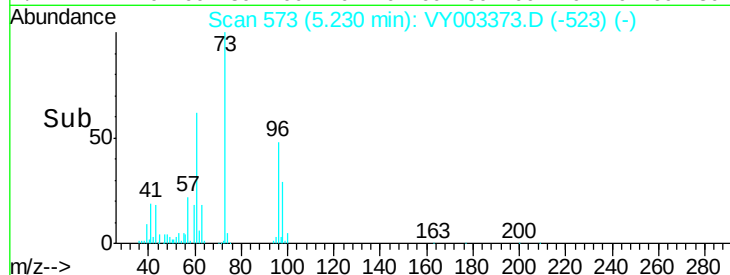
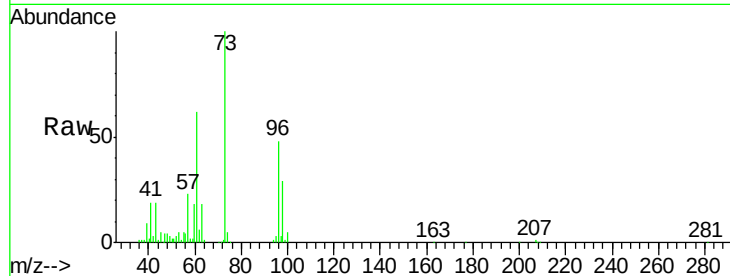
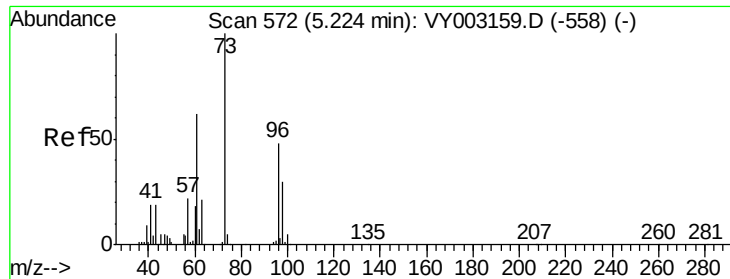
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#20
Methylene Chloride
Concen: 24.689 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY003373.D
Acq: 28 Jul 2020 14:15

Tgt Ion: 84 Resp: 119093
Ion Ratio Lower Upper
84 100
49 127.2 98.2 147.4
51 39.4 29.8 44.6
86 66.7 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 21.681 ug/l

RT: 5.23 min Scan# 573

Delta R.T. 0.01 min

Lab File: VY003373.D

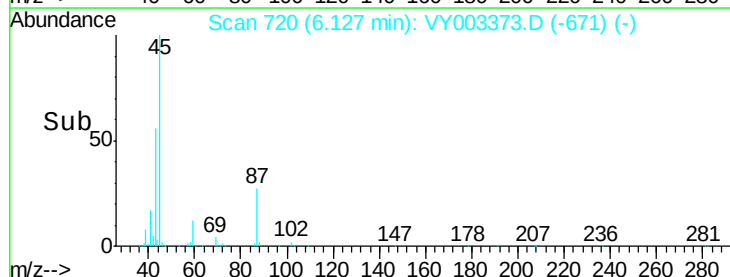
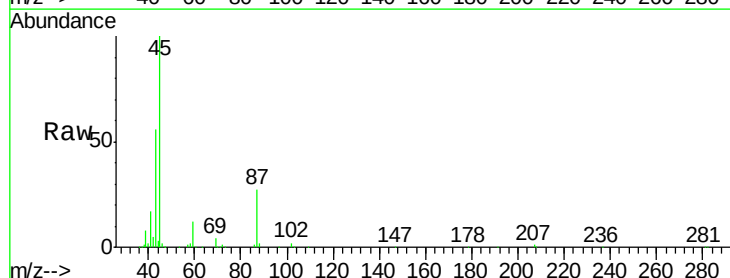
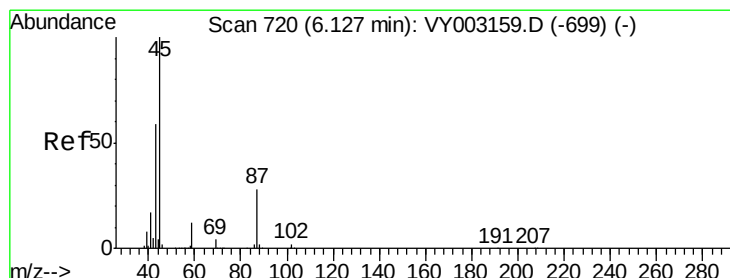
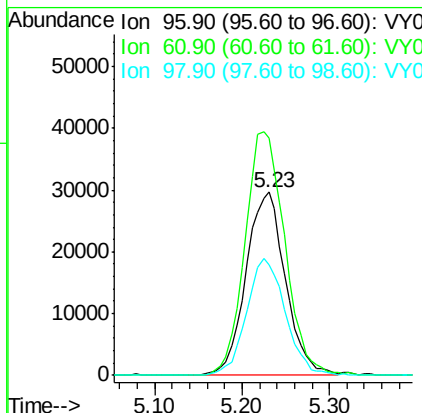
Acq: 28 Jul 2020 14:15

Tgt Ion:	96	Resp:	93259
Ion	Ratio	Lower	Upper
96	100		
61	129.9	102.5	153.7
98	60.7	49.8	74.8

Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS01

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#22

Diisopropyl ether

Concen: 23.547 ug/l

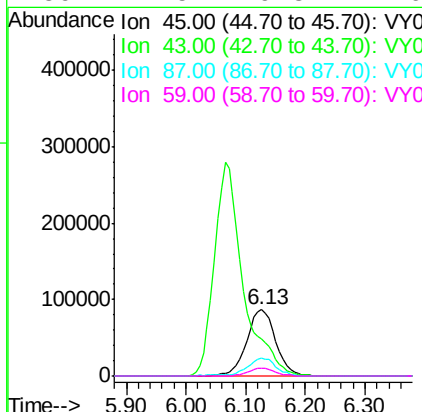
RT: 6.13 min Scan# 720

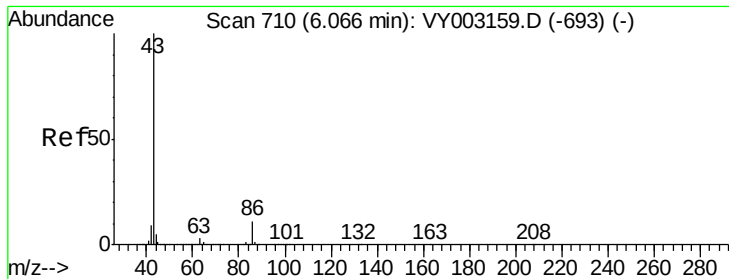
Delta R.T. 0.00 min

Lab File: VY003373.D

Acq: 28 Jul 2020 14:15

Tgt Ion:	45	Resp:	294904
Ion	Ratio	Lower	Upper
45	100		
43	55.9	47.0	70.4
87	26.9	22.6	33.8
59	11.5	9.8	14.6





#23

Vinyl Acetate

Concen: 112.136 ug/l

RT: 6.07 min Scan# 710

Delta R.T. 0.00 min

Lab File: VY003373.D

Acq: 28 Jul 2020 14:15

Instrument :

MSVOA_Y

ClientSampleId :

VY0728SBS01

Tgt Ion: 43 Resp: 936072

Ion Ratio Lower Upper

43 100

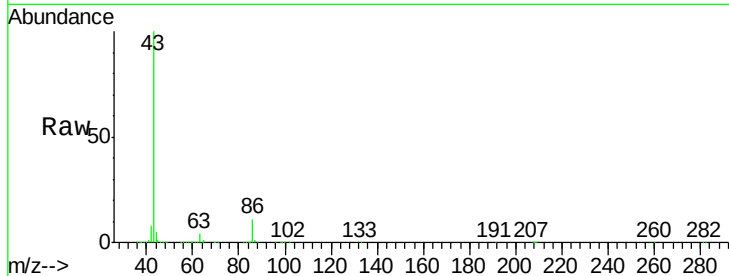
86 10.5 8.8 13.2

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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

6.07

250000

200000

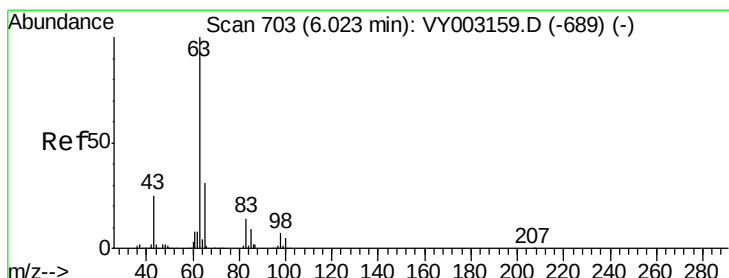
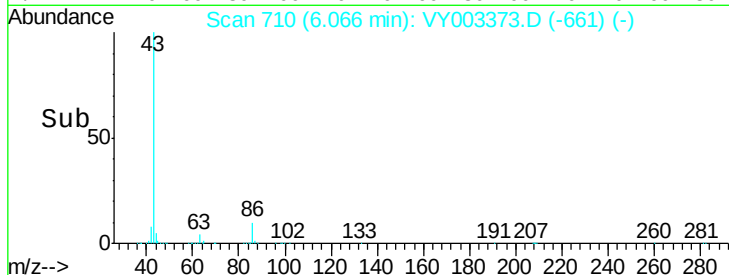
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 22.586 ug/l

RT: 6.03 min Scan# 704

Delta R.T. 0.01 min

Lab File: VY003373.D

Acq: 28 Jul 2020 14:15

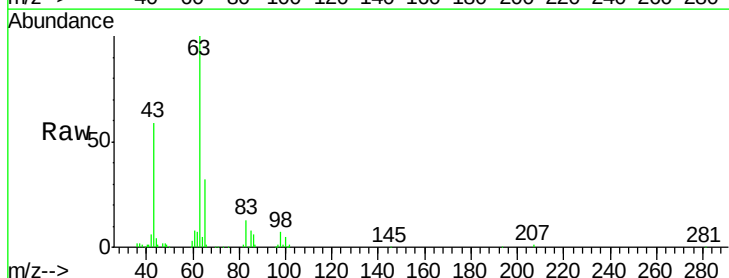
Tgt Ion: 63 Resp: 163883

Ion Ratio Lower Upper

63 100

98 7.0 3.6 10.8

100 4.7 2.4 7.2



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0

6.03

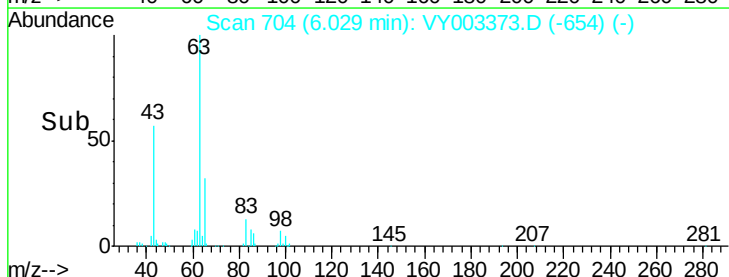
60000

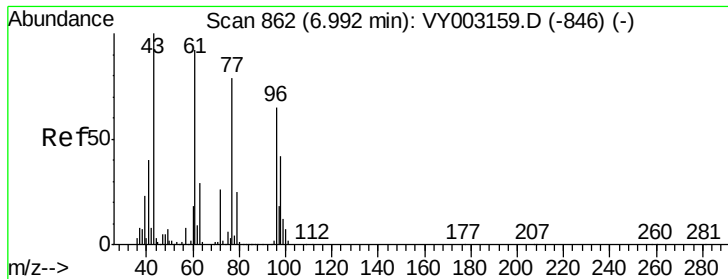
40000

20000

0

Time-->





#25

2-Butanone

Concen: 114.772 ug/l

RT: 6.99 min Scan# 862

Delta R.T. 0.00 min

Lab File: VY003373.D

Acq: 28 Jul 2020 14:15

Instrument :

MSVOA_Y

ClientSampleId :

VY0728SBS01

Tgt Ion: 43 Resp: 162372

Ion Ratio Lower Upper

43 100

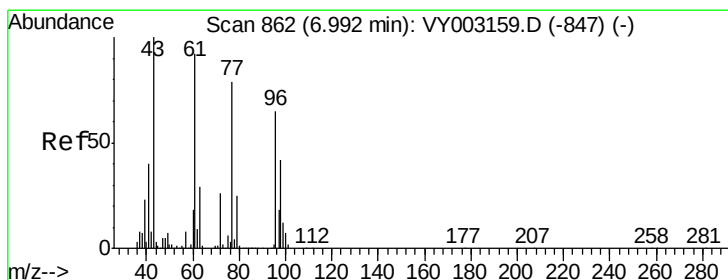
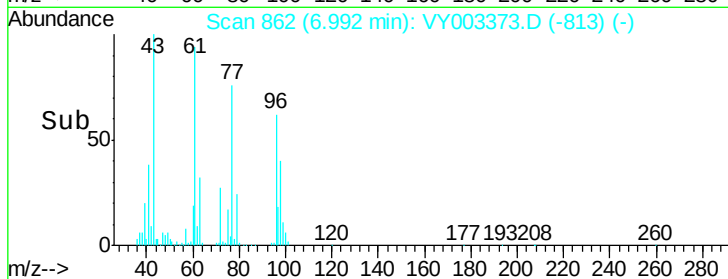
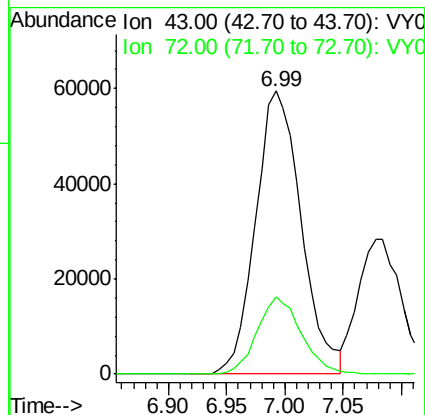
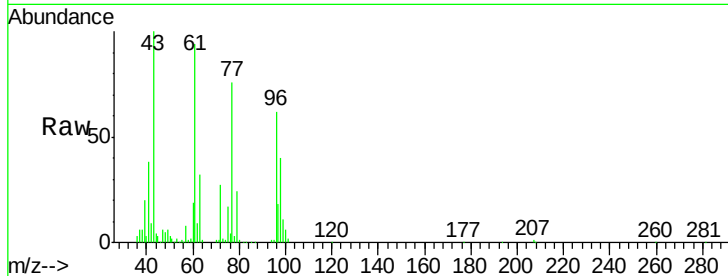
72 27.3 20.9 31.3

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 22.791 ug/l

RT: 6.99 min Scan# 861

Delta R.T. -0.01 min

Lab File: VY003373.D

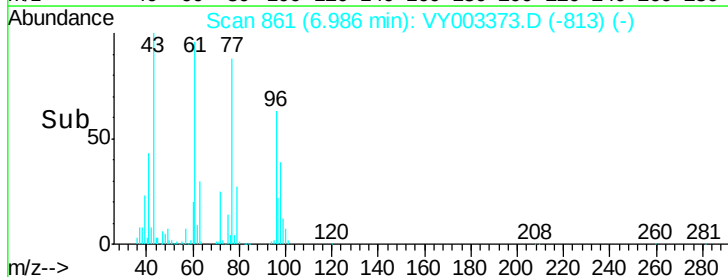
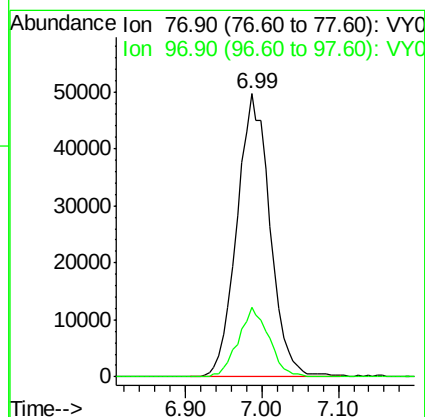
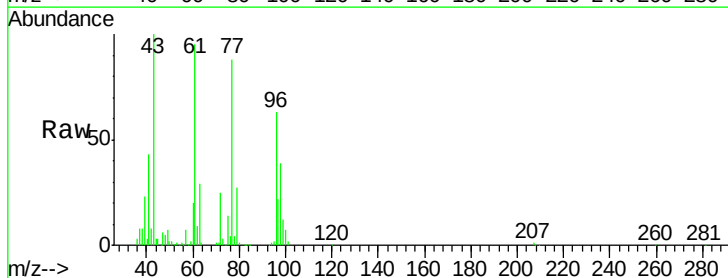
Acq: 28 Jul 2020 14:15

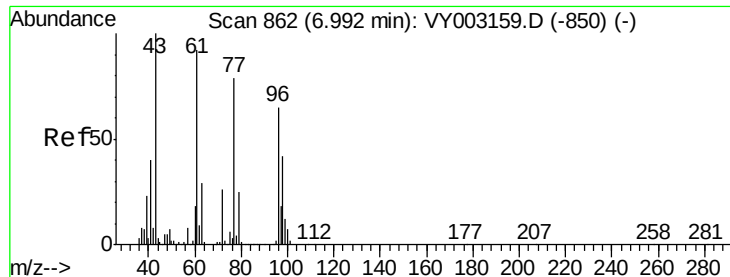
Tgt Ion: 77 Resp: 148924

Ion Ratio Lower Upper

77 100

97 22.9 11.6 34.7





#27

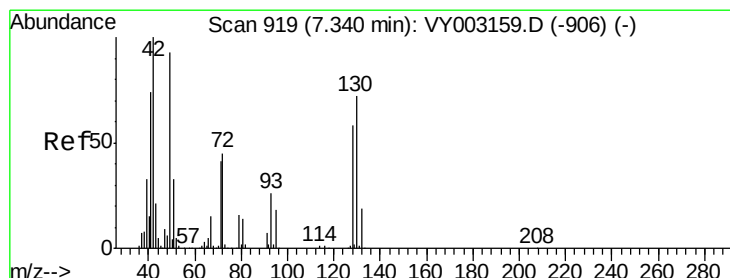
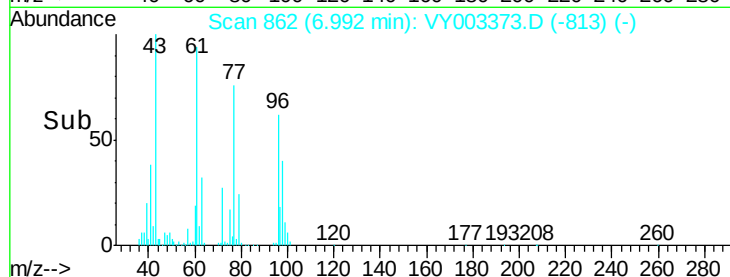
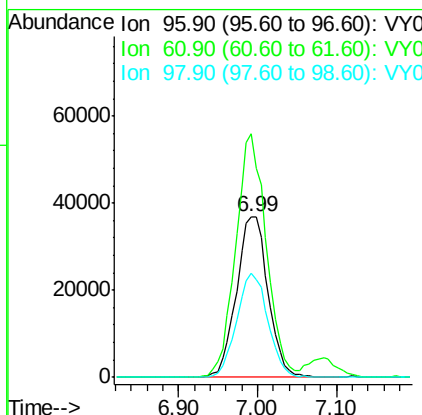
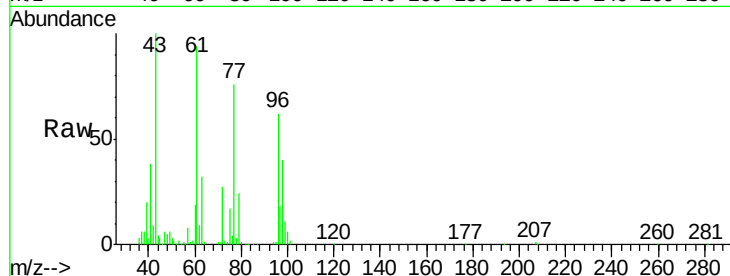
cis-1,2-Dichloroethene
Concen: 21.747 ug/l
RT: 6.99 min Scan# 862
Delta R.T. 0.00 min
Lab File: VY003373.D
Acq: 28 Jul 2020 14:15

Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	102992		
61	146.6	0.0	281.2	
98	64.0	0.0	129.8	

Manual Integrations
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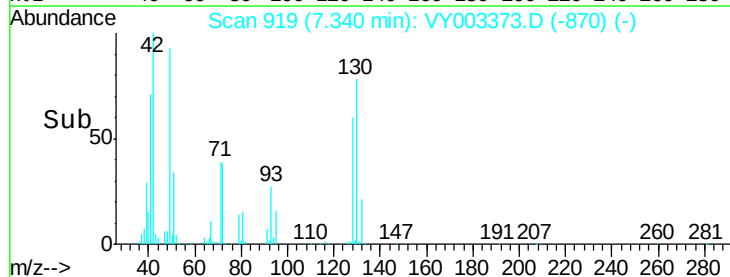
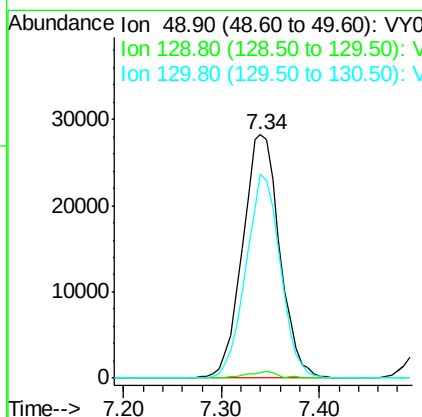
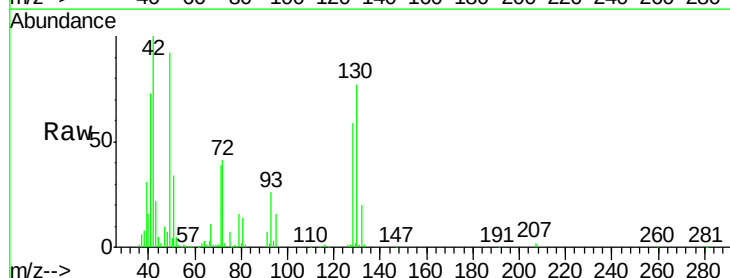
MMDadoda
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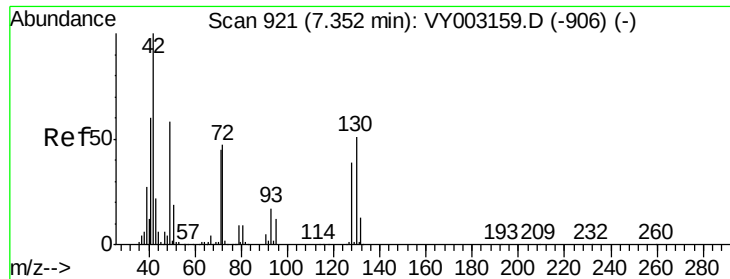


#28

Bromochloromethane
Concen: 23.627 ug/l
RT: 7.34 min Scan# 919
Delta R.T. 0.00 min
Lab File: VY003373.D
Acq: 28 Jul 2020 14:15

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	74224		
129	2.3	0.0	5.0	
130	78.1	64.9	97.3	





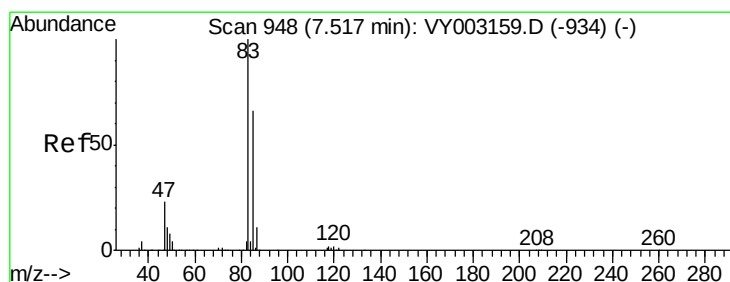
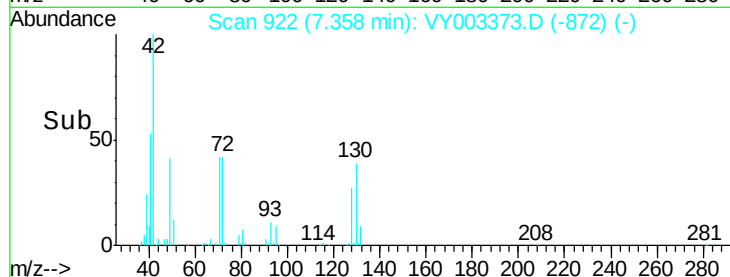
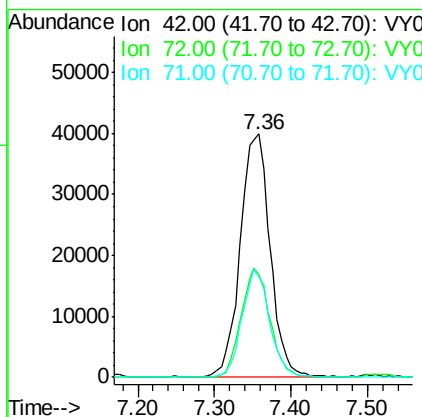
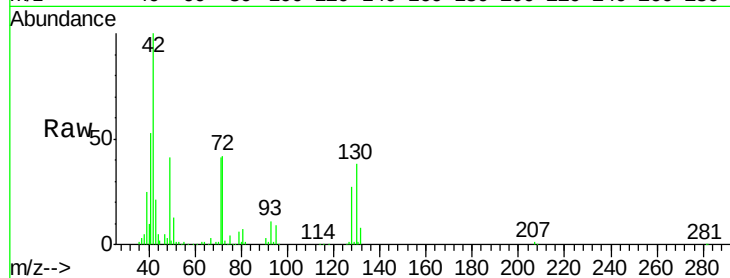
#29
Tetrahydrofuran
Concen: 114.272 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.01 min
Lab File: VY003373.D
Acq: 28 Jul 2020 14:15

Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS01

Tgt Ion	Ratio	Lower	Upper
42	100		
72	43.1	36.7	55.1
71	41.1	34.2	51.4

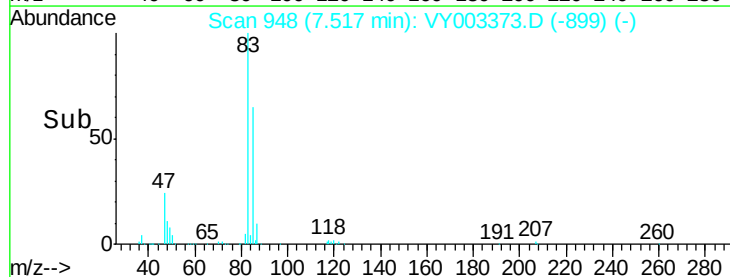
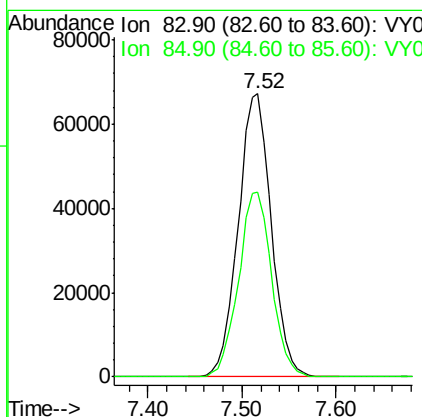
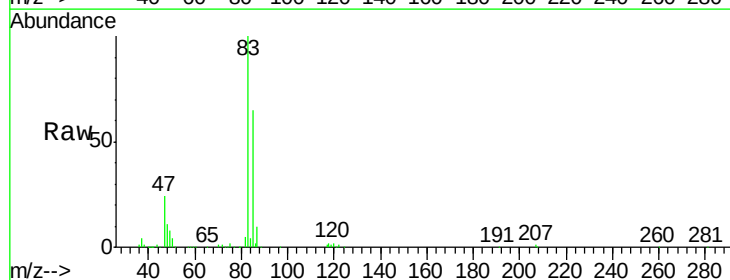
Manual Integrations
APPROVED

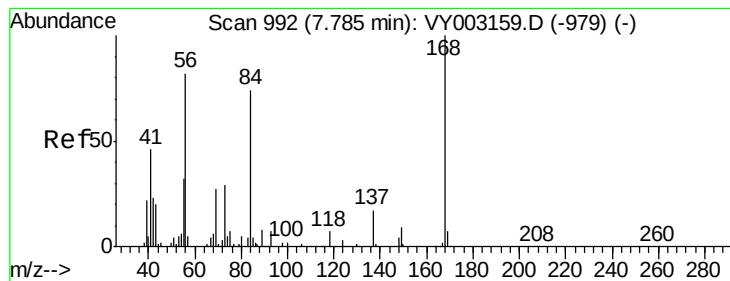
MMDadoda
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#30
Chloroform
Concen: 22.071 ug/l
RT: 7.52 min Scan# 948
Delta R.T. 0.00 min
Lab File: VY003373.D
Acq: 28 Jul 2020 14:15

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.3	52.6	78.8





#31

Cyclohexane

Concen: 21.710 ug/l

RT: 7.78 min Scan# 992

Delta R.T. -0.00 min

Lab File: VY003373.D

Acq: 28 Jul 2020 14:15

Instrument :

MSVOA_Y

ClientSampleId :

VY0728SBS01

Tgt Ion: 56 Resp: 152323
Ion Ratio Lower Upper

56 100

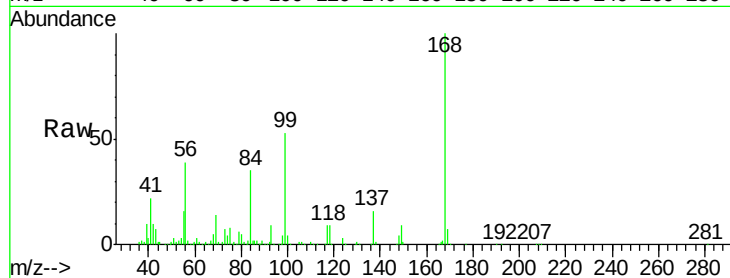
69 37.3 26.7 40.1

84 89.3 72.3 108.5

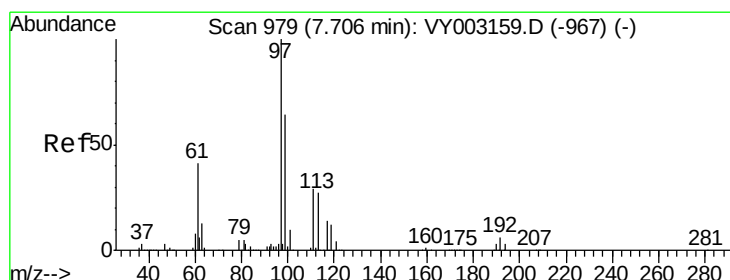
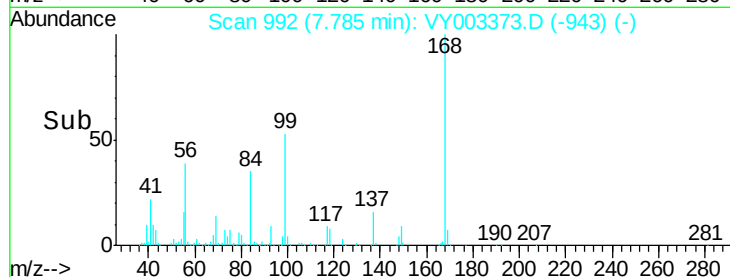
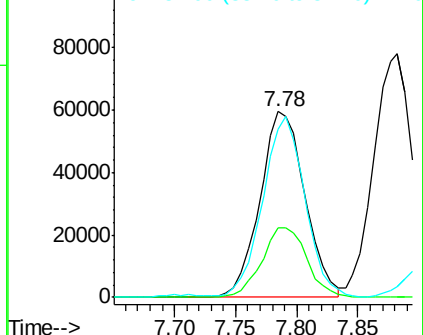
Manual Integrations
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Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0



#32

1,1,1-Trichloroethane

Concen: 21.723 ug/l

RT: 7.71 min Scan# 979

Delta R.T. 0.00 min

Lab File: VY003373.D

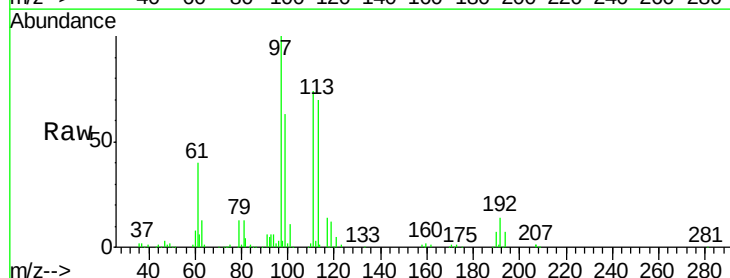
Acq: 28 Jul 2020 14:15

Tgt Ion: 97 Resp: 146143
Ion Ratio Lower Upper

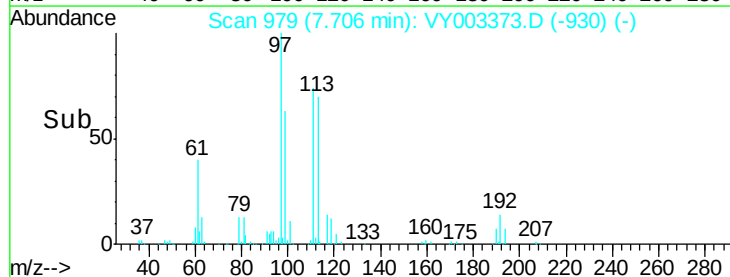
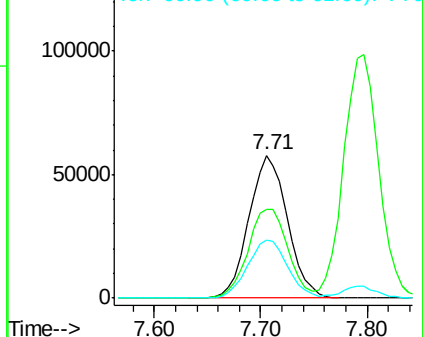
97 100

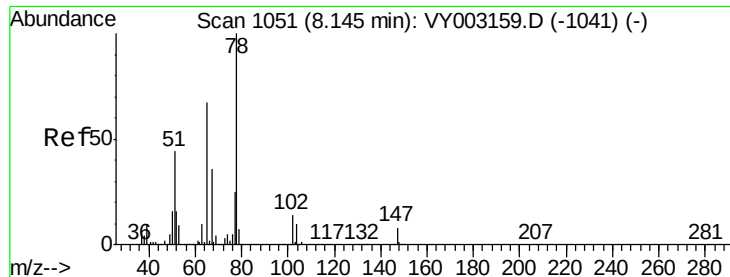
99 65.0 52.1 78.1

61 42.3 33.9 50.9



Abundance Ion 96.90 (96.60 to 97.60): VY0
Ion 98.90 (98.60 to 99.60): VY0
Ion 60.90 (60.60 to 61.60): VY0





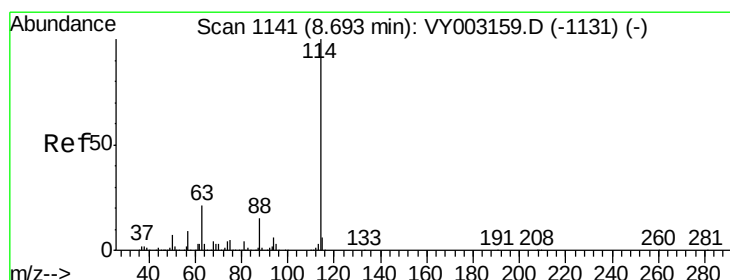
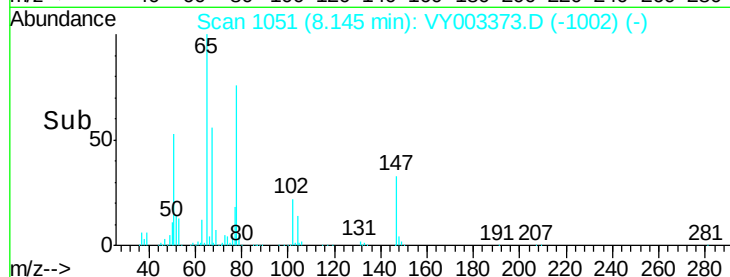
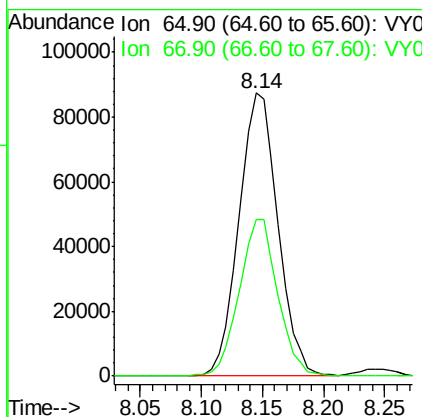
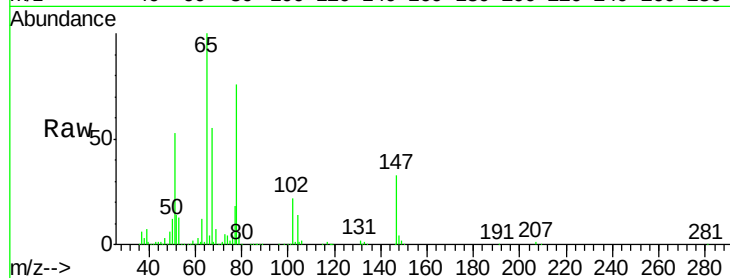
#33
 1,2-Dichloroethane-d4
 Concen: 50.211 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VY003373.D
 Acq: 28 Jul 2020 14:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0728SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	193687		
67	55.0	0.0	105.2	

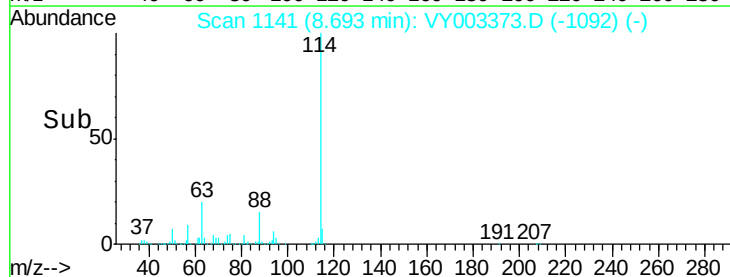
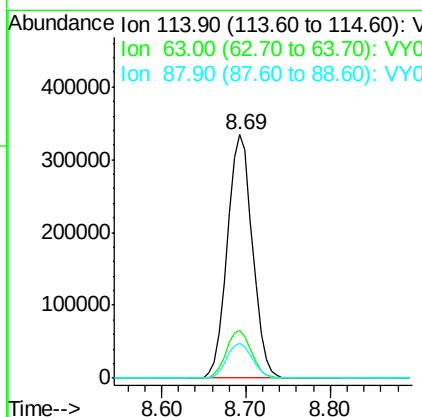
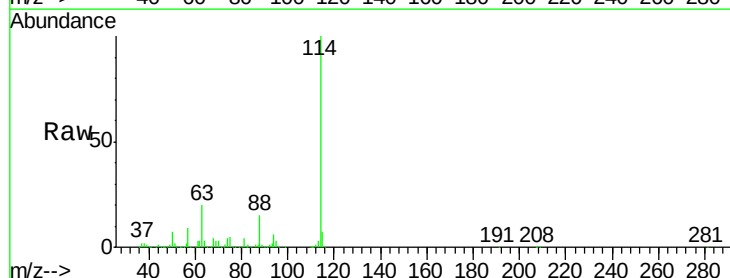
Manual Integrations
 APPROVED

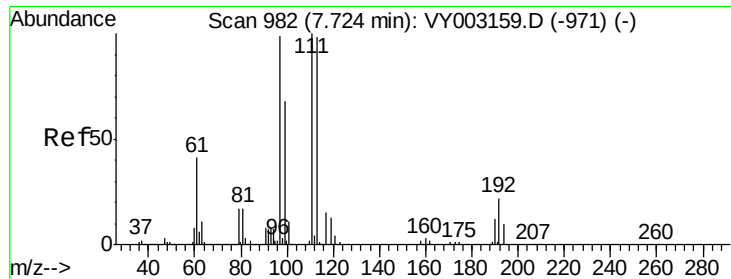
MMDadoda
 7/29/2020 7:07:25 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY003373.D
 Acq: 28 Jul 2020 14:15

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	676573		
63	19.5	0.0	41.2	
88	14.6	0.0	30.2	





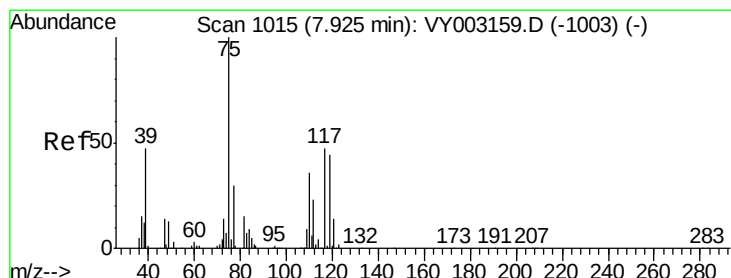
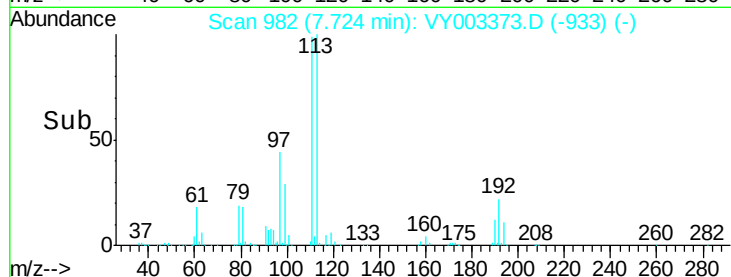
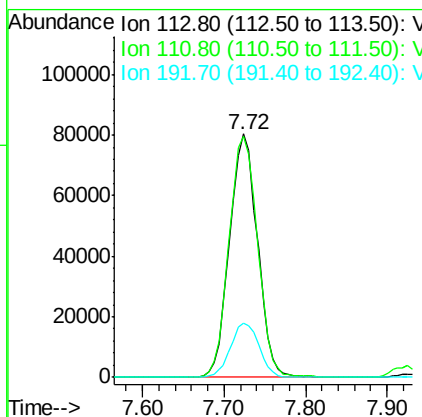
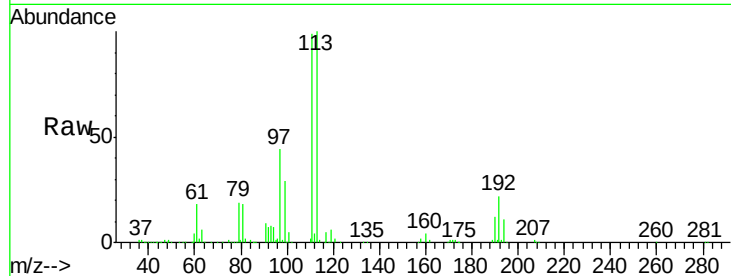
#35
 Dibromofluoromethane
 Concen: 48.701 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VY003373.D
 Acq: 28 Jul 2020 14:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0728SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	189620		
111	101.3	82.1	123.1	
192	22.9	18.8	28.2	

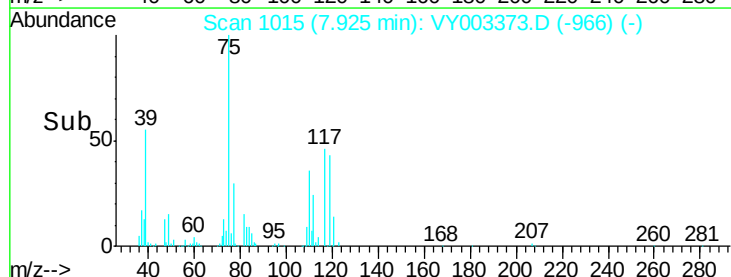
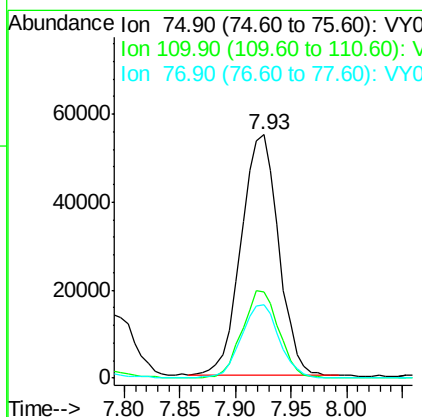
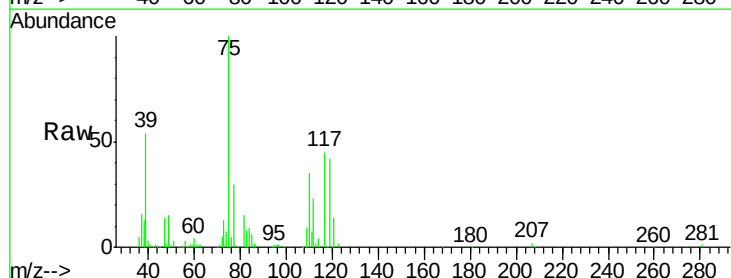
Manual Integrations
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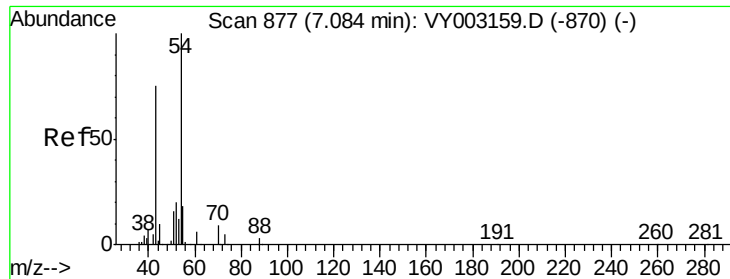
MMDadoda
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#36
 1,1-Dichloropropene
 Concen: 20.946 ug/l
 RT: 7.93 min Scan# 1015
 Delta R.T. 0.00 min
 Lab File: VY003373.D
 Acq: 28 Jul 2020 14:15

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	128441		
110	35.5	18.1	54.1	
77	31.1	24.8	37.2	





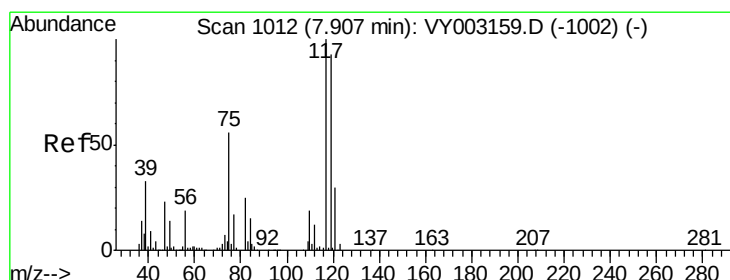
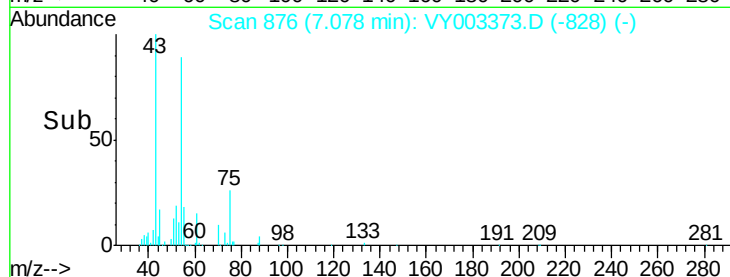
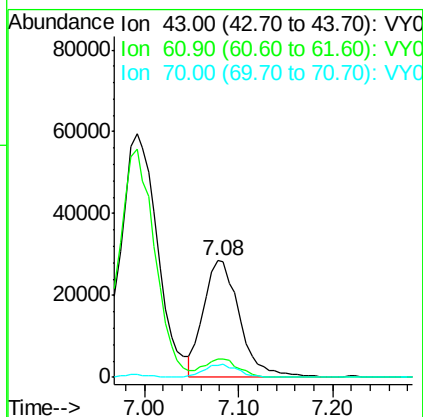
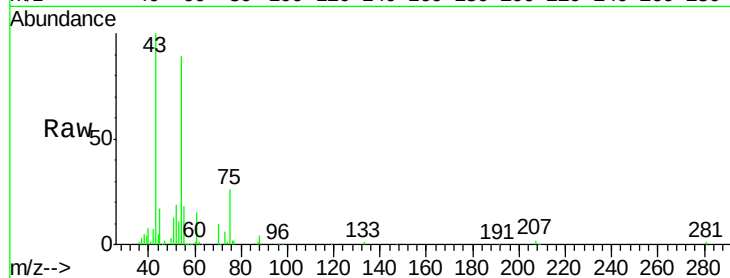
#37
Ethyl Acetate
Concen: 22.786 ug/l
RT: 7.08 min Scan# 876
Delta R.T. -0.01 min
Lab File: VY003373.D
Acq: 28 Jul 2020 14:15

Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS01

Tgt Ion	Ratio	Lower	Upper
43	100		
61	14.9	11.8	17.6
70	10.6	8.6	13.0

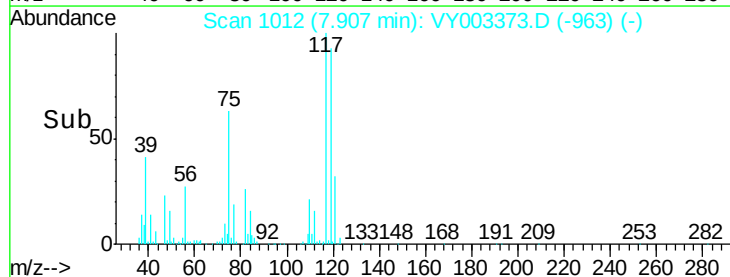
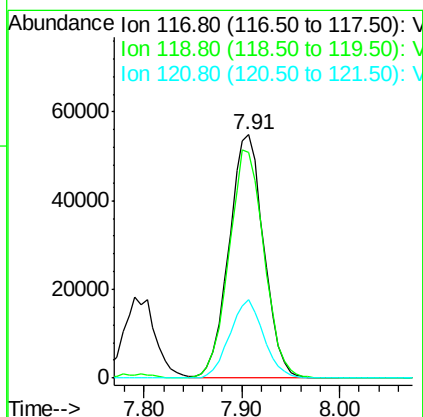
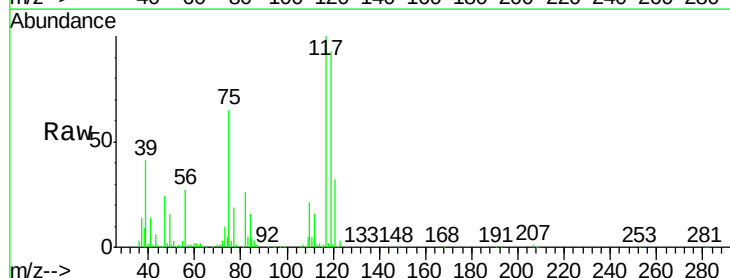
Manual Integrations
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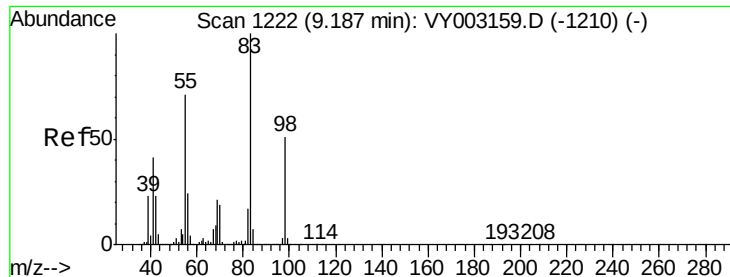
MMDadoda
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#38
Carbon Tetrachloride
Concen: 21.344 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VY003373.D
Acq: 28 Jul 2020 14:15

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.8	74.5	111.7
121	32.0	24.2	36.2





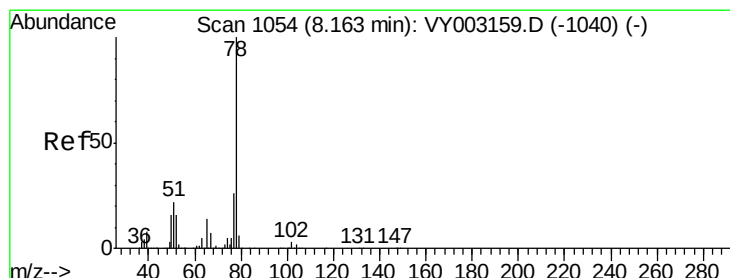
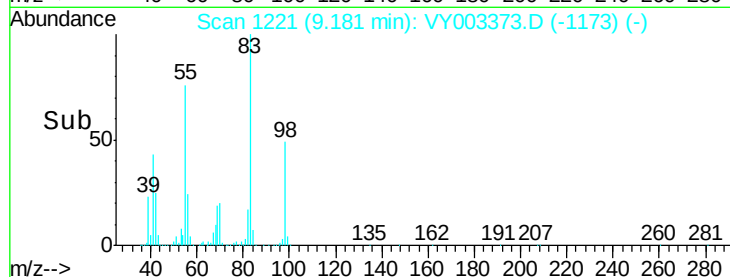
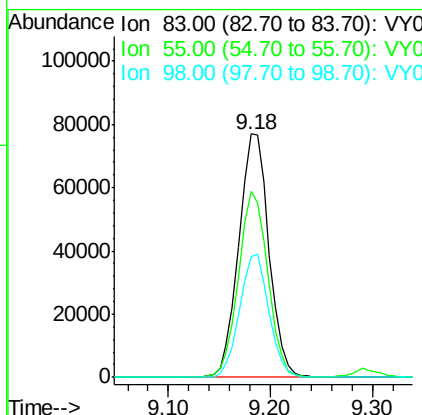
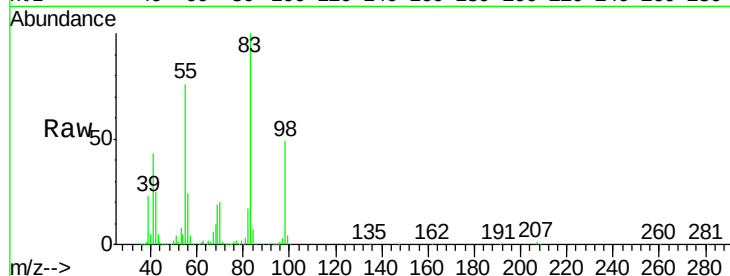
#39
Methylcyclohexane
Concen: 20.496 ug/l
RT: 9.18 min Scan# 1221
Delta R.T. -0.01 min
Lab File: VY003373.D
Acq: 28 Jul 2020 14:15

Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS01

Tgt Ion	Ratio	Lower	Upper
83	100		
55	76.3	57.2	85.8
98	49.5	41.0	61.6

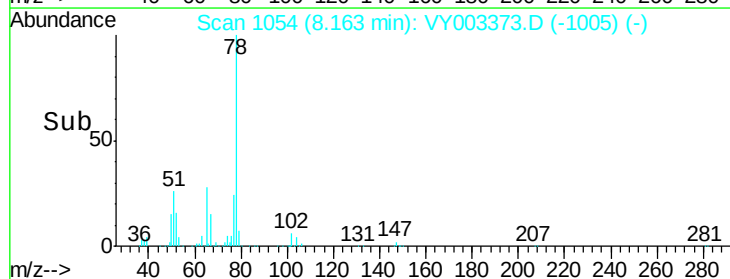
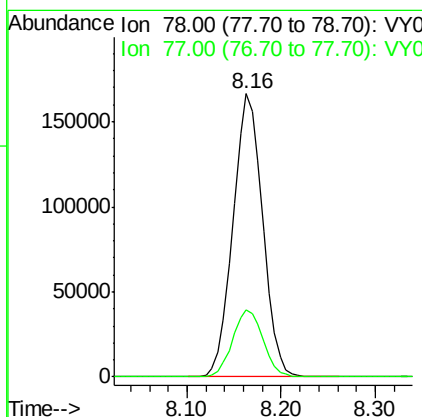
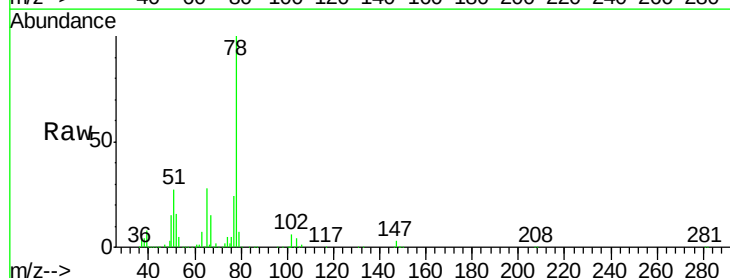
Manual Integrations
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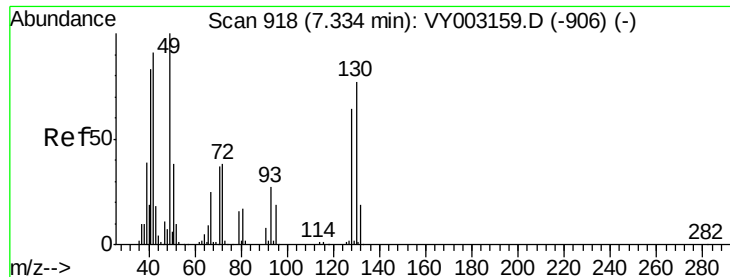
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#40
Benzene
Concen: 21.602 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VY003373.D
Acq: 28 Jul 2020 14:15

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	20.7	31.1





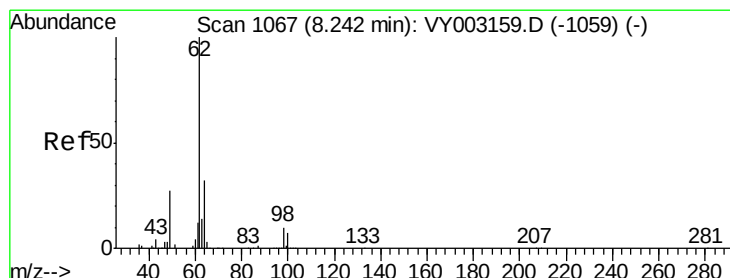
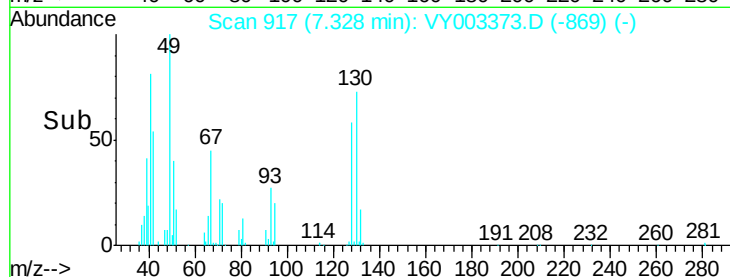
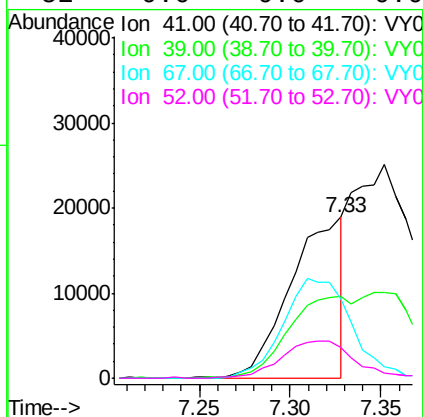
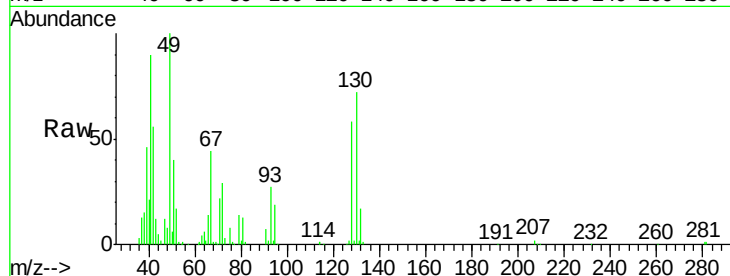
#41
Methacrylonitrile
Concen: 19.196 ug/l m
RT: 7.33 min Scan# 917
Delta R.T. -0.01 min
Lab File: VY003373.D
Acq: 28 Jul 2020 14:15

Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS01

Tgt Ion	Ratio	Lower	Upper
41	100		
39	0.0	83.3	124.9#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

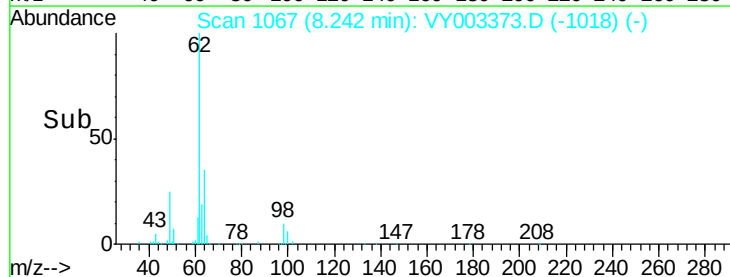
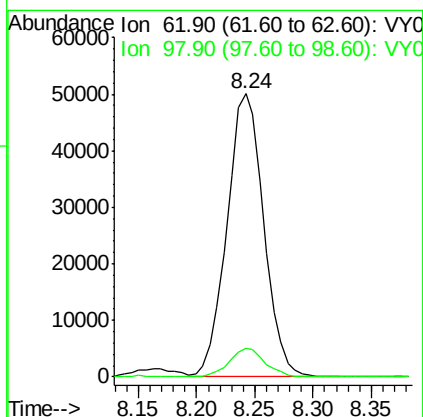
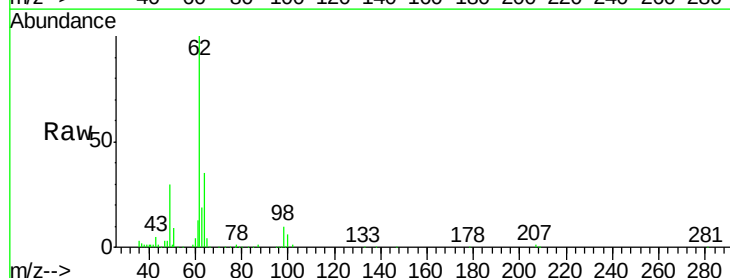
Manual Integrations
APPROVED

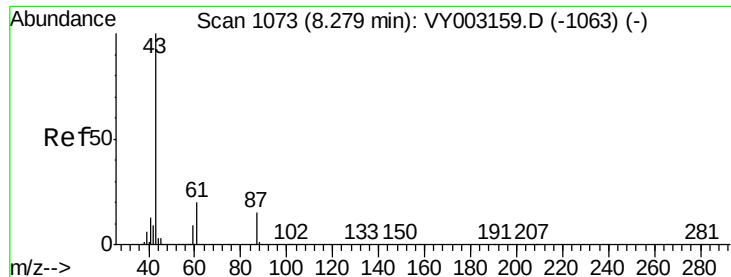
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7/29/2020 7:07:25 PM



#42
1,2-Dichloroethane
Concen: 21.127 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.00 min
Lab File: VY003373.D
Acq: 28 Jul 2020 14:15

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	19.0





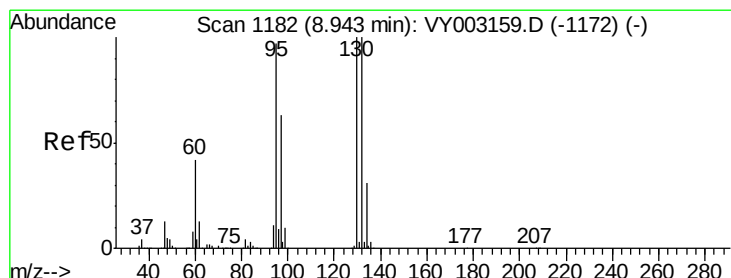
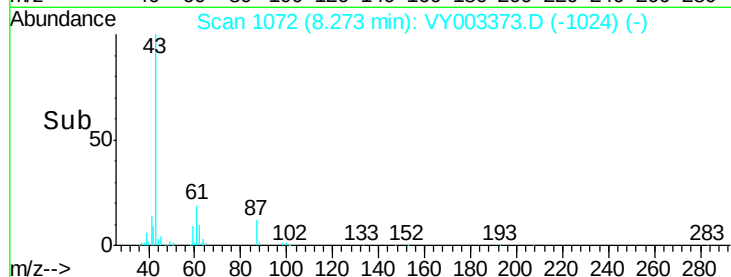
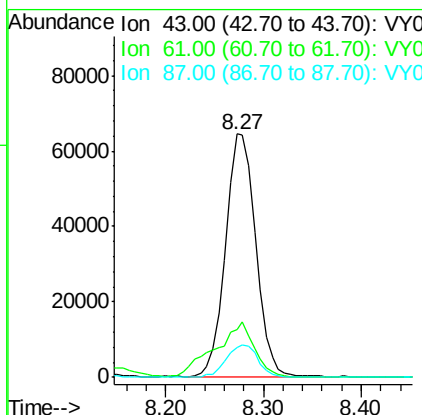
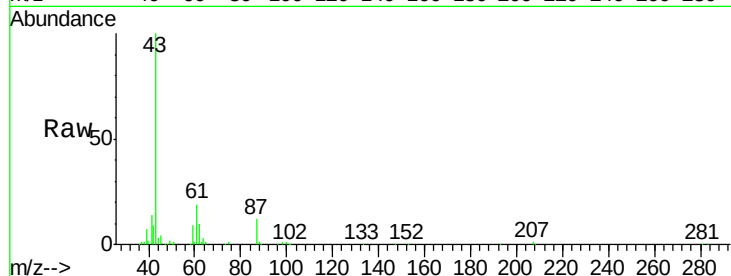
#43
Isopropyl Acetate
Concen: 21.589 ug/l
RT: 8.27 min Scan# 1072
Delta R.T. -0.01 min
Lab File: VY003373.D
Acq: 28 Jul 2020 14:15

Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS01

Tgt Ion	Ratio	Lower	Upper
43	100		
61	29.9	23.7	35.5
87	14.0	11.4	17.0

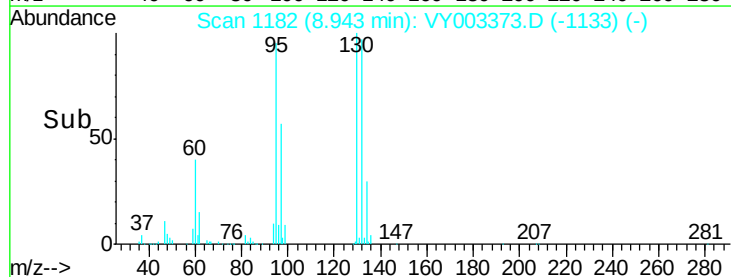
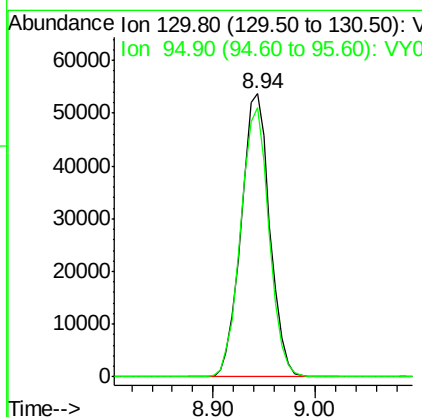
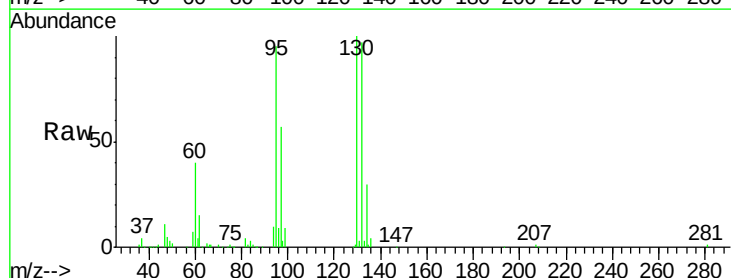
Manual Integrations
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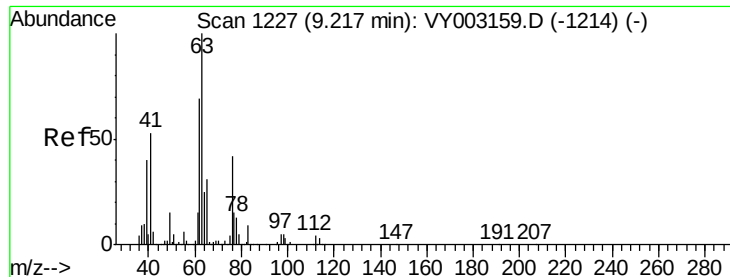
MMDadoda
7/29/2020 7:07:25 PM



#44
Trichloroethene
Concen: 20.239 ug/l
RT: 8.94 min Scan# 1182
Delta R.T. 0.00 min
Lab File: VY003373.D
Acq: 28 Jul 2020 14:15

Tgt Ion	Ratio	Lower	Upper
130	100		
95	95.0	0.0	193.8





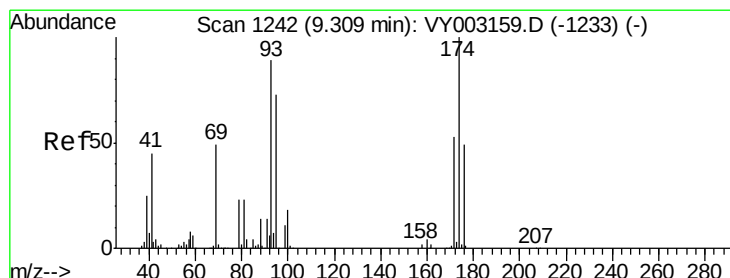
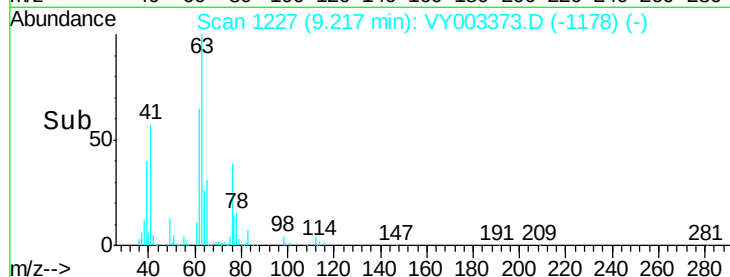
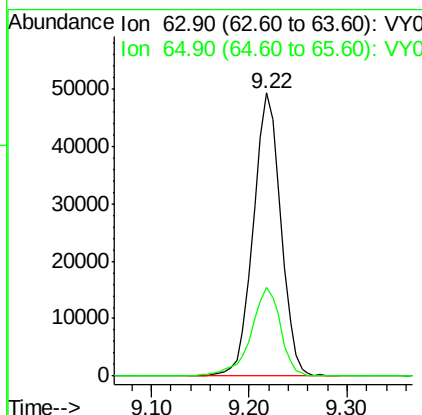
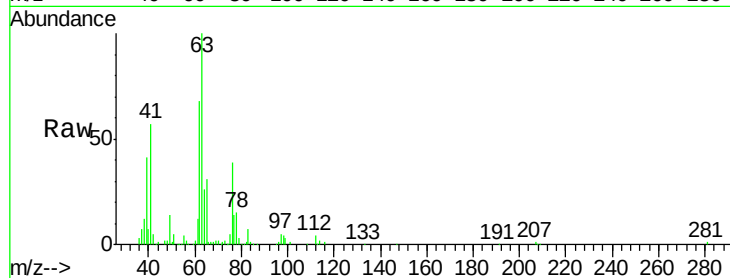
#45
 1,2-Dichloropropane
 Concen: 22.010 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. 0.00 min
 Lab File: VY003373.D
 Acq: 28 Jul 2020 14:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0728SBS01

Tgt Ion	Ratio	Lower	Upper
63	100		
65	31.3	25.0	37.4

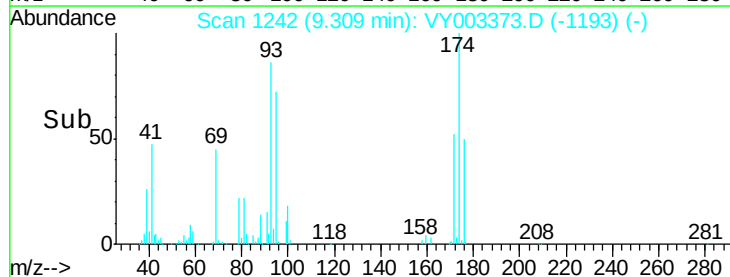
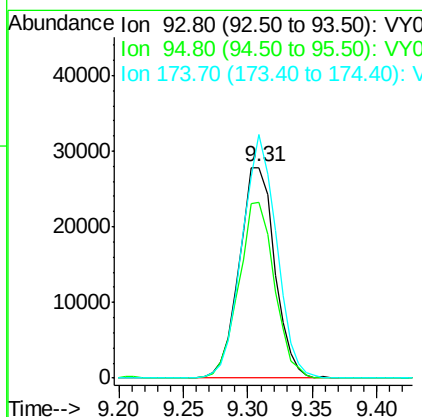
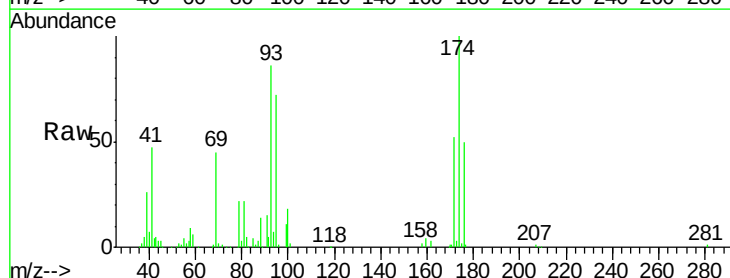
Manual Integrations
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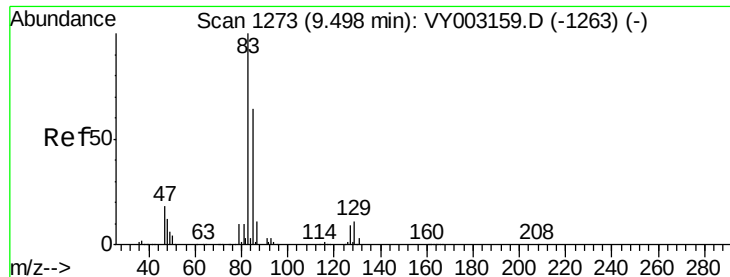
MMDadoda
 7/29/2020 7:07:25 PM



#46
 Dibromomethane
 Concen: 20.857 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.00 min
 Lab File: VY003373.D
 Acq: 28 Jul 2020 14:15

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.5	66.6	99.8
174	111.5	90.2	135.4





#47

Bromodichloromethane

Concen: 21.588 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VY003373.D

Acq: 28 Jul 2020 14:15

Instrument :

MSVOA_Y

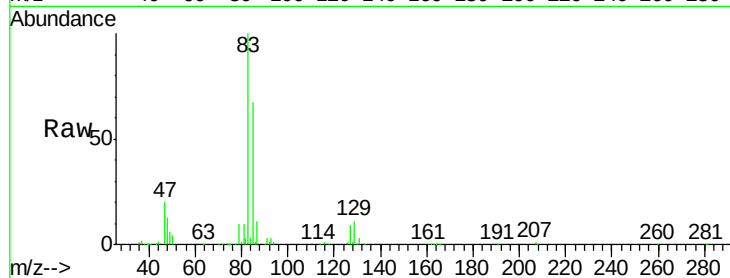
ClientSampleId :

VY0728SBS01

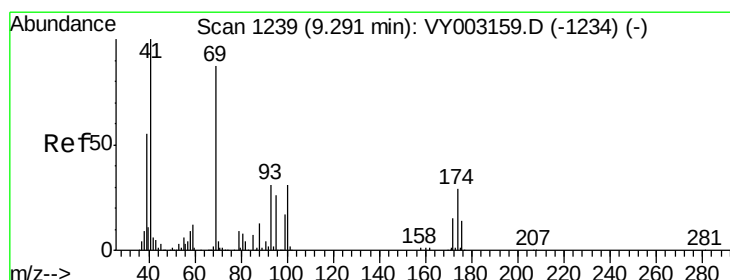
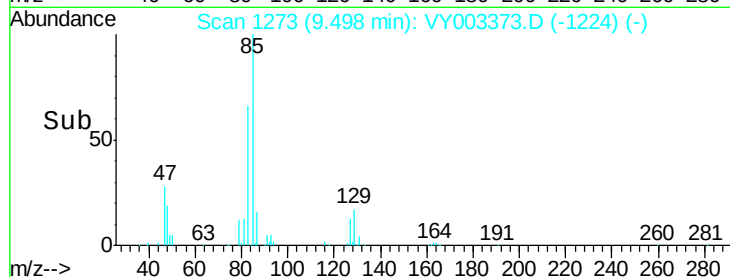
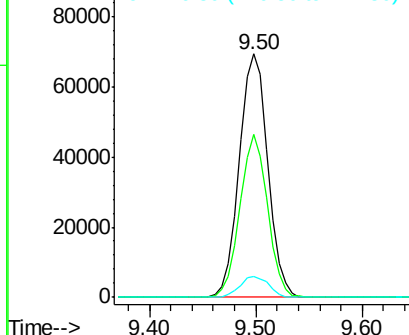
Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.9	50.9	76.3
127	8.7	7.0	10.4

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Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 84.90 (84.60 to 85.60): VY0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 21.794 ug/l

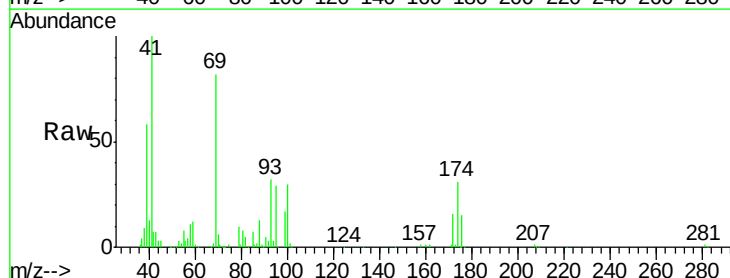
RT: 9.29 min Scan# 1239

Delta R.T. 0.00 min

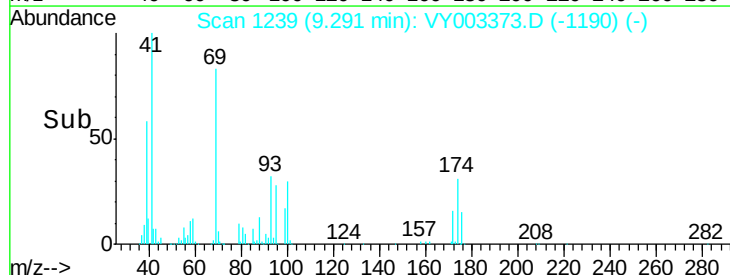
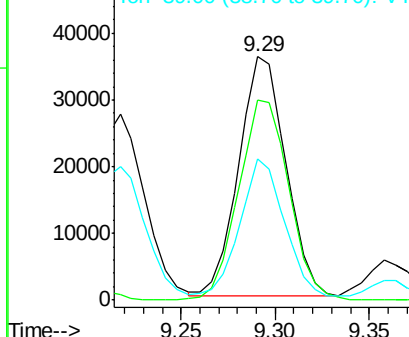
Lab File: VY003373.D

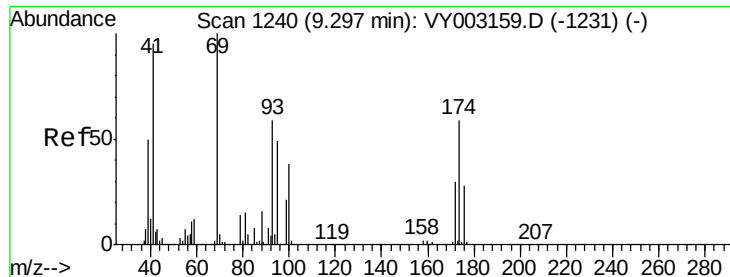
Acq: 28 Jul 2020 14:15

Tgt Ion	Ratio	Lower	Upper
41	100		
69	89.5	74.5	111.7
39	57.7	47.5	71.3



Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 39.00 (38.70 to 39.70): VY0





#49

1,4-Dioxane

Concen: 399.809 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VY003373.D

Acq: 28 Jul 2020 14:15

Instrument :

MSVOA_Y

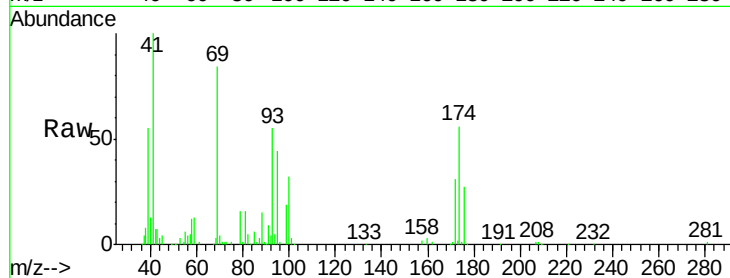
ClientSampleId :

VY0728SBS01

Tgt Ion	Ratio	Lower	Upper
88	100		
43	40.3	25.6	38.4#
58	69.3	47.8	71.6

Manual Integrations
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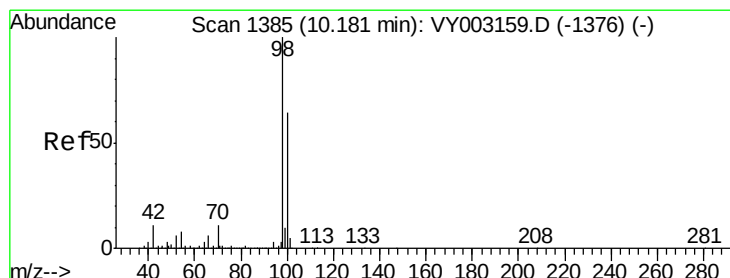
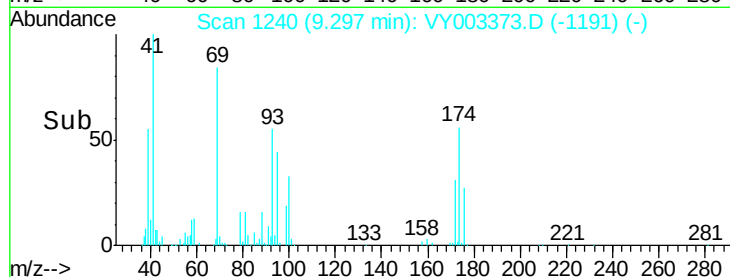
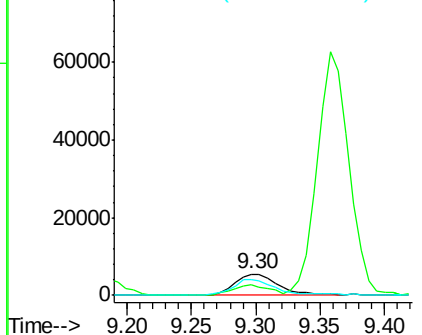


Abundance

Ion 88.00 (87.70 to 88.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#50

Toluene-d8

Concen: 47.425 ug/l

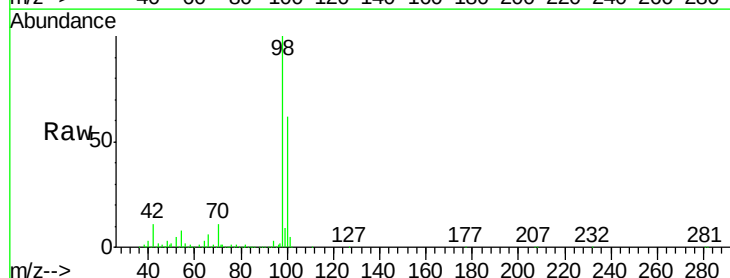
RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY003373.D

Acq: 28 Jul 2020 14:15

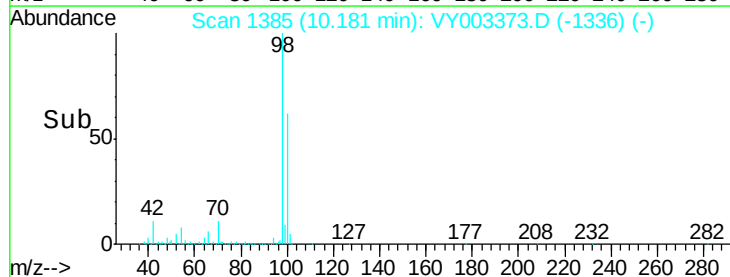
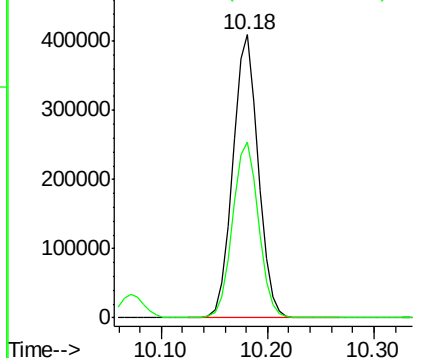
Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.3	50.7	76.1

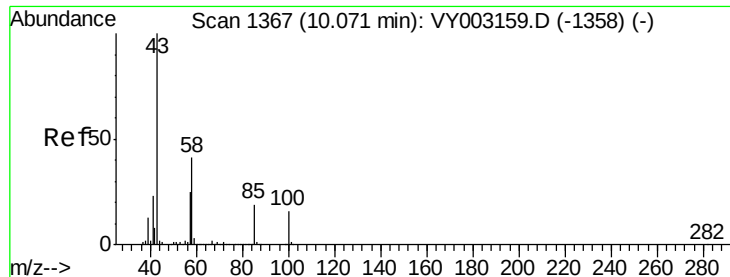


Abundance

Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0





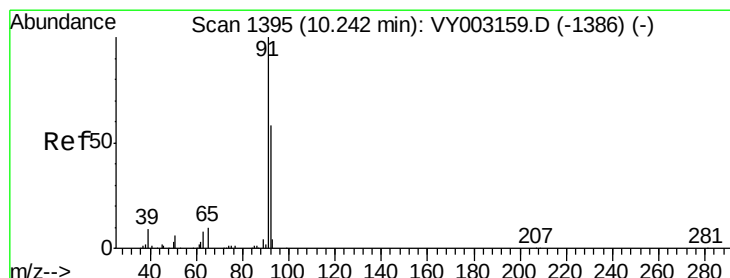
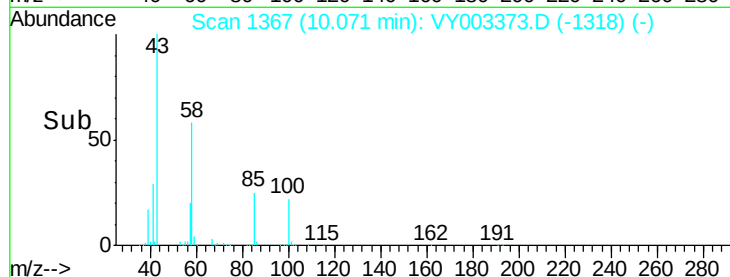
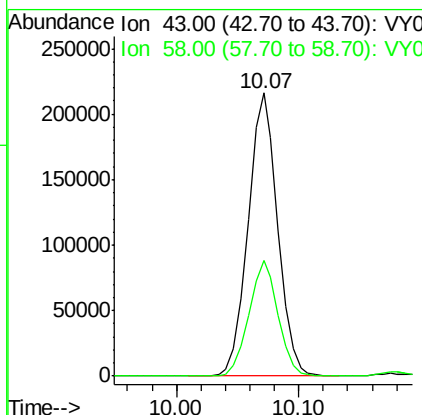
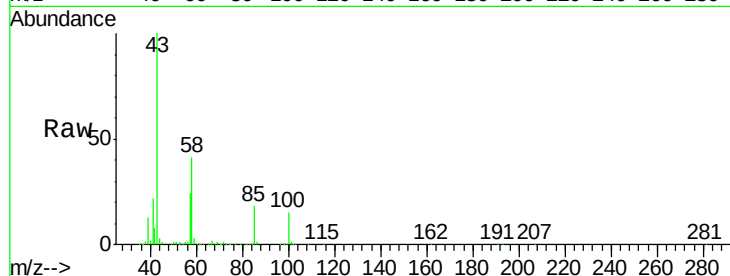
#51
4-Methyl-2-Pentanone
Concen: 108.965 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VY003373.D
Acq: 28 Jul 2020 14:15

Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS01

Tgt Ion: 43 Resp: 362020
Ion Ratio Lower Upper
43 100
58 40.4 32.7 49.1

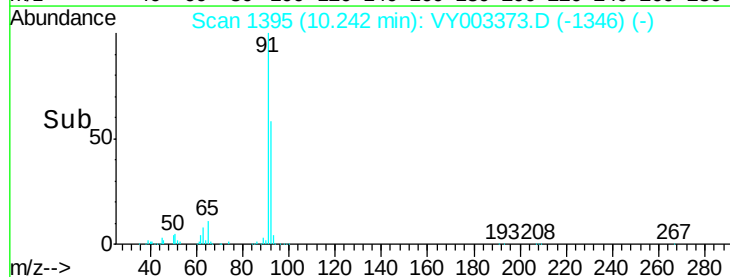
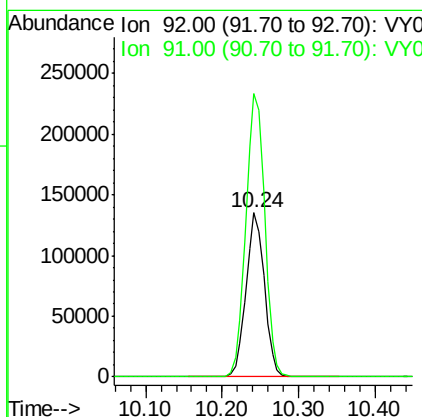
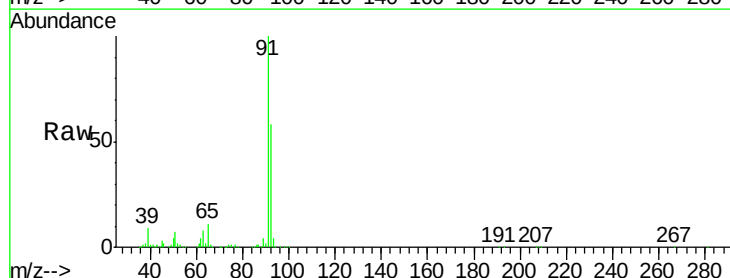
Manual Integrations
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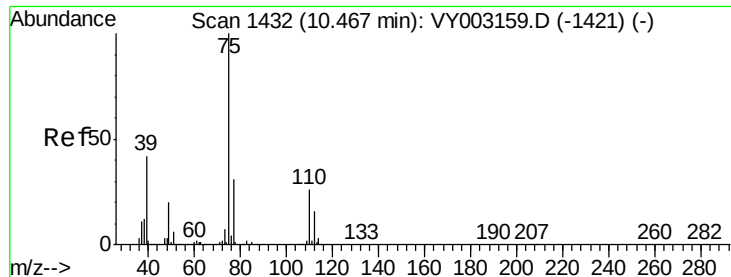
MMDadoda
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#52
Toluene
Concen: 20.971 ug/l
RT: 10.24 min Scan# 1395
Delta R.T. 0.00 min
Lab File: VY003373.D
Acq: 28 Jul 2020 14:15

Tgt Ion: 92 Resp: 226316
Ion Ratio Lower Upper
92 100
91 177.2 139.7 209.5





#53

t-1,3-Dichloropropene

Concen: 21.501 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VY003373.D

Acq: 28 Jul 2020 14:15

Instrument :

MSVOA_Y

ClientSampleId :

VY0728SBS01

Tgt Ion: 75 Resp: 135193

Ion Ratio Lower Upper

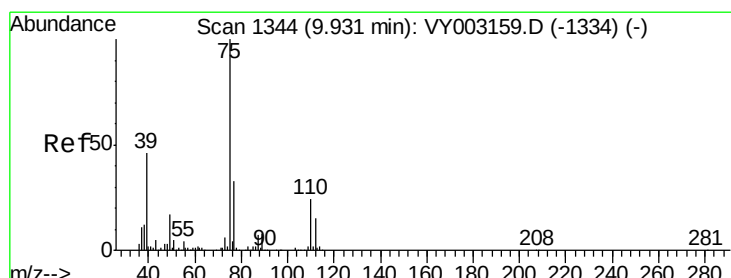
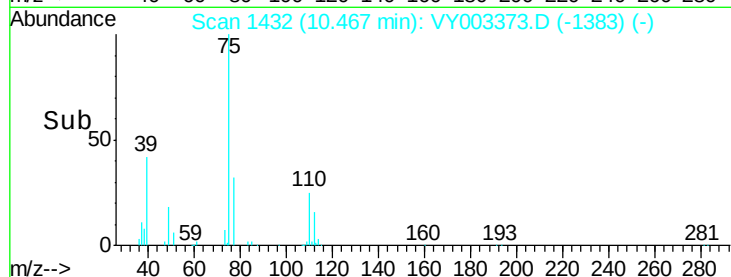
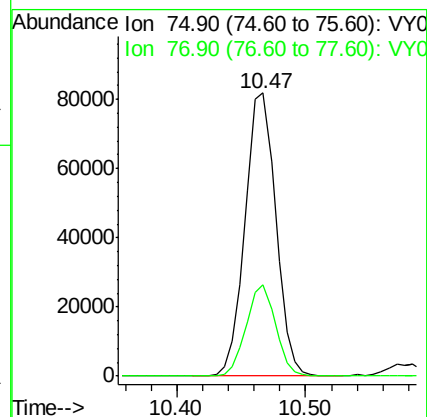
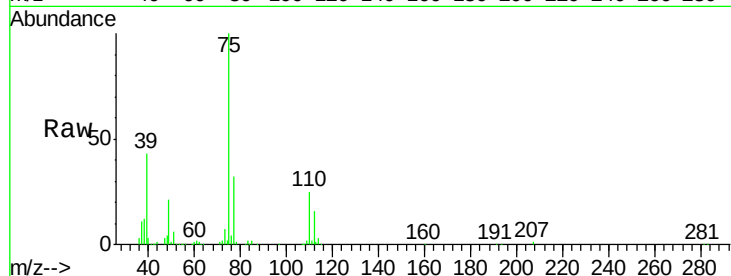
75 100

77 32.2 25.2 37.8

Manual Integrations
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#54

cis-1,3-Dichloropropene

Concen: 21.507 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. 0.00 min

Lab File: VY003373.D

Acq: 28 Jul 2020 14:15

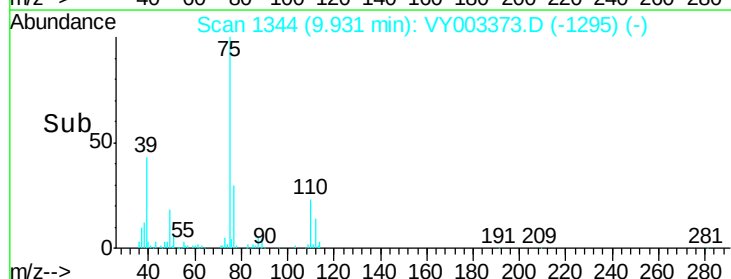
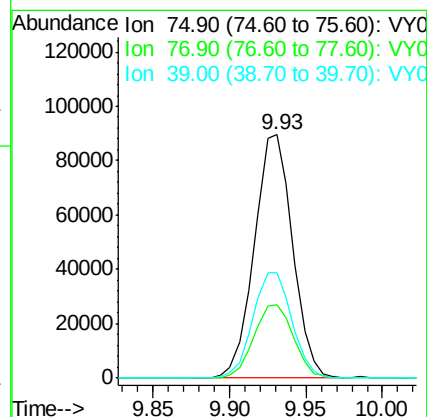
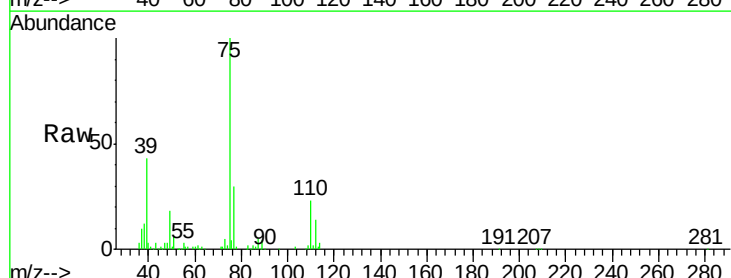
Tgt Ion: 75 Resp: 155817

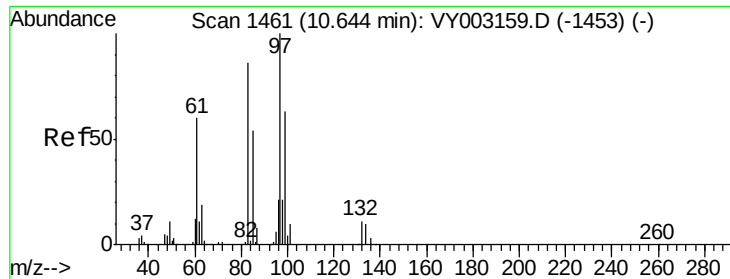
Ion Ratio Lower Upper

75 100

77 30.0 26.7 40.1

39 43.1 37.0 55.6





#55

1,1,2-Trichloroethane

Concen: 21.074 ug/l

RT: 10.64 min Scan# 1461

Delta R.T. 0.00 min

Lab File: VY003373.D

Acq: 28 Jul 2020 14:15

Instrument :

MSVOA_Y

ClientSampleId :

VY0728SBS01

Tgt Ion: 97 Resp: 76202

Ion Ratio Lower Upper

97 100

83 88.8 68.8 103.2

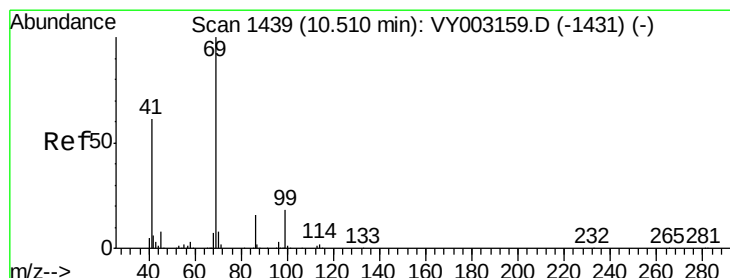
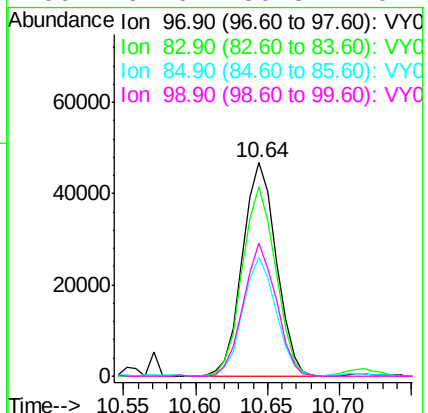
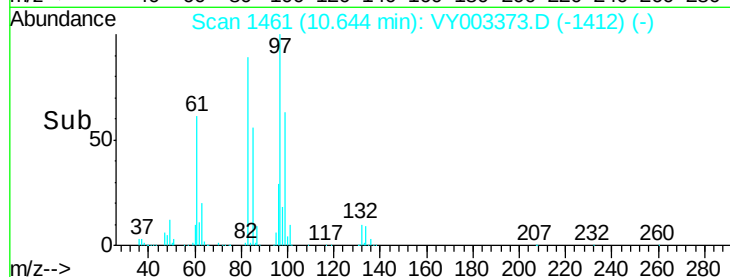
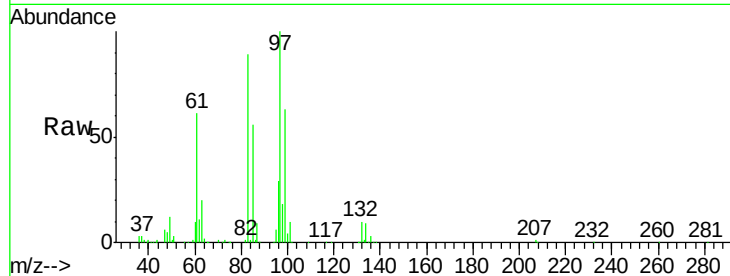
85 55.6 43.1 64.7

99 62.6 50.8 76.2

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#56

Ethyl methacrylate

Concen: 21.322 ug/l

RT: 10.51 min Scan# 1439

Delta R.T. 0.00 min

Lab File: VY003373.D

Acq: 28 Jul 2020 14:15

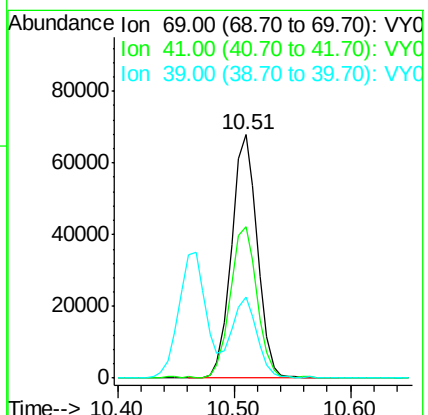
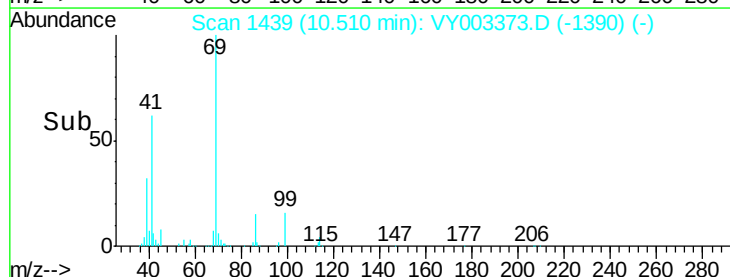
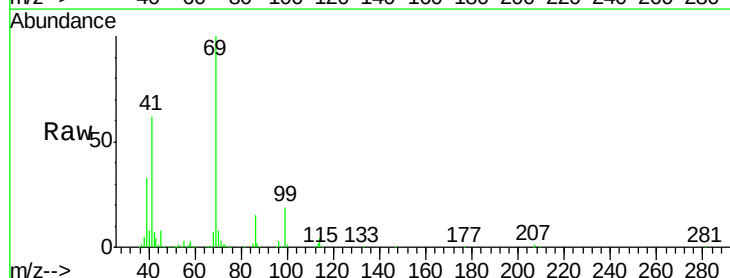
Tgt Ion: 69 Resp: 104818

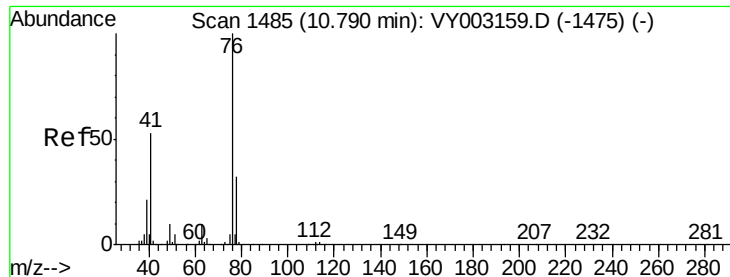
Ion Ratio Lower Upper

69 100

41 63.7 50.0 75.0

39 33.1 27.6 41.4





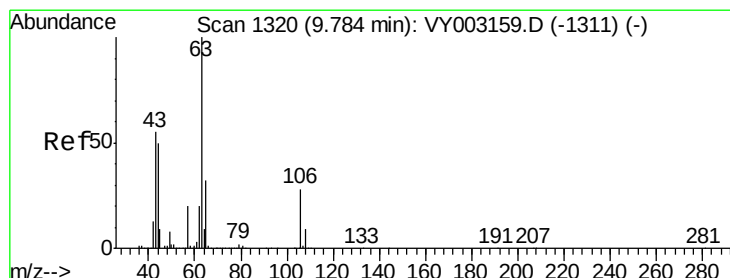
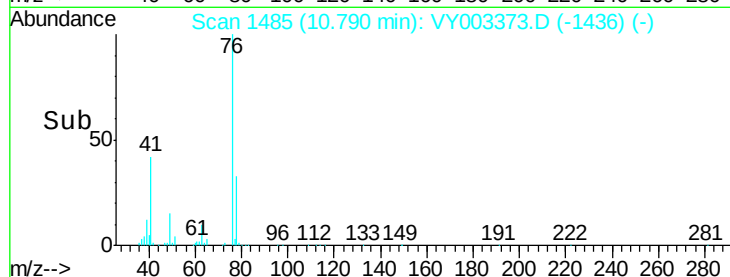
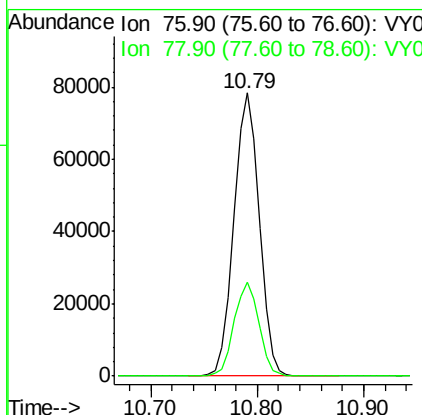
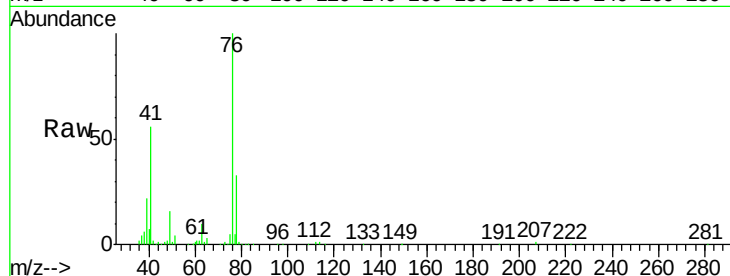
#57
 1,3-Dichloropropane
 Concen: 21.434 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. 0.00 min
 Lab File: VY003373.D
 Acq: 28 Jul 2020 14:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0728SBS01

Tgt Ion: 76 Resp: 131408
 Ion Ratio Lower Upper
 76 100
 78 32.6 26.0 39.0

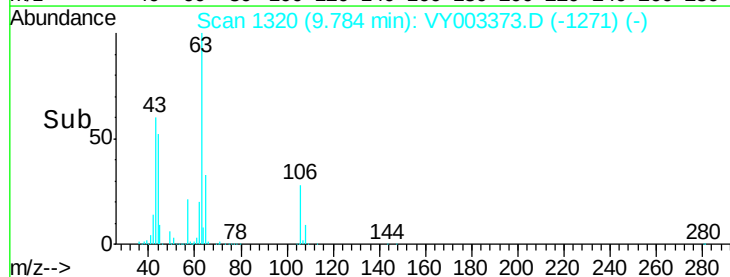
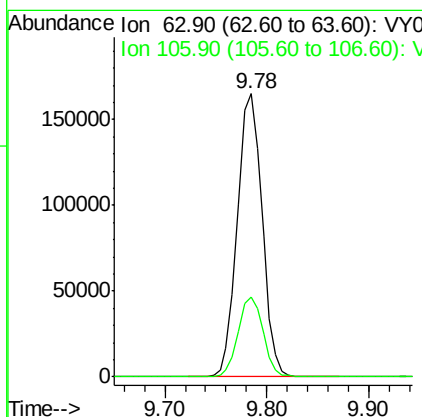
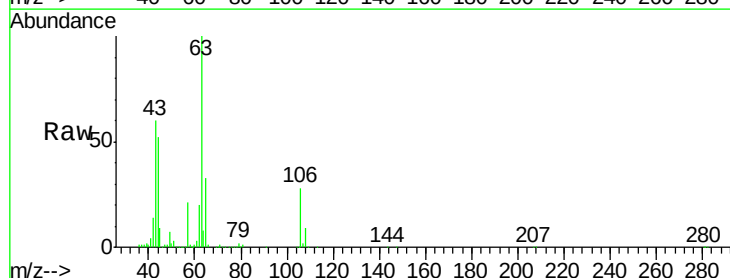
Manual Integrations
 APPROVED

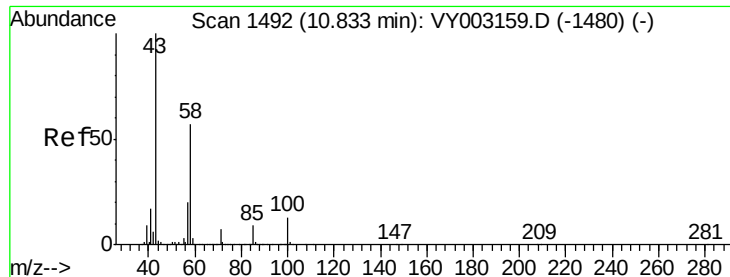
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#58
 2-Chloroethyl Vinyl ether
 Concen: 110.552 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. 0.00 min
 Lab File: VY003373.D
 Acq: 28 Jul 2020 14:15

Tgt Ion: 63 Resp: 277167
 Ion Ratio Lower Upper
 63 100
 106 28.4 22.9 34.3





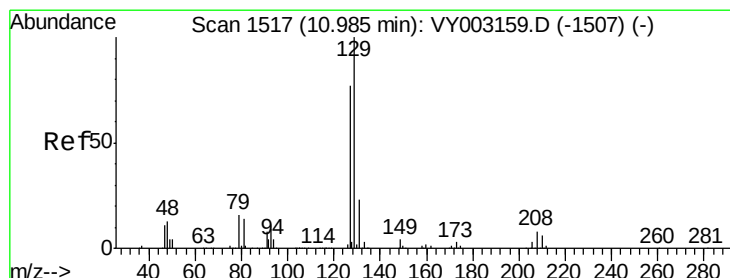
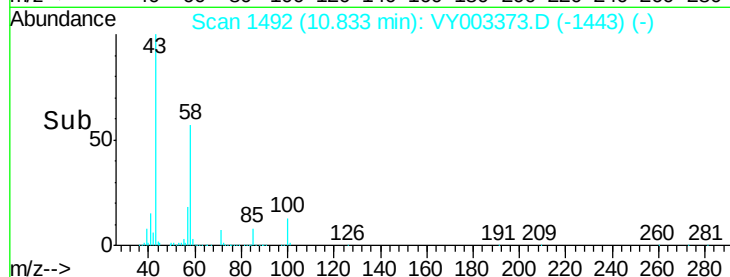
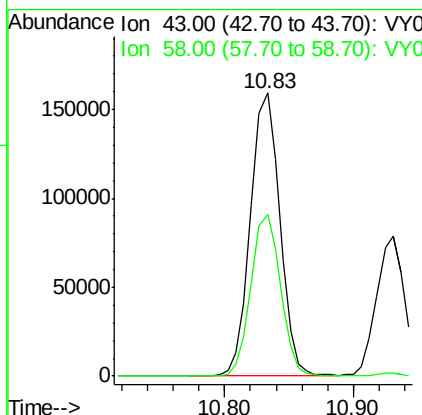
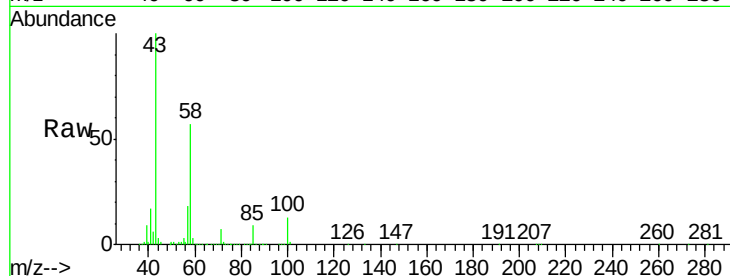
#59
2-Hexanone
Concen: 108.530 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY003373.D
Acq: 28 Jul 2020 14:15

Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS01

Tgt Ion: 43 Resp: 251707
Ion Ratio Lower Upper
43 100
58 57.4 28.3 85.0

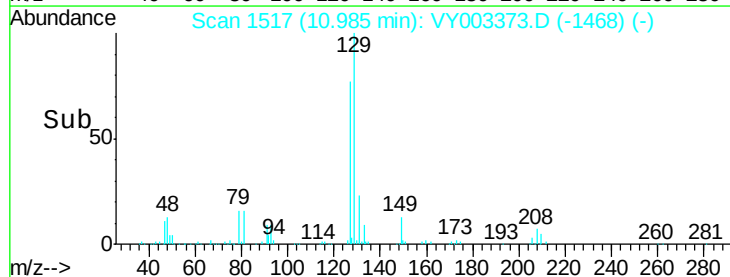
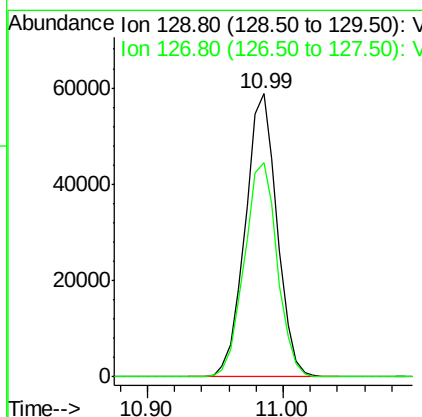
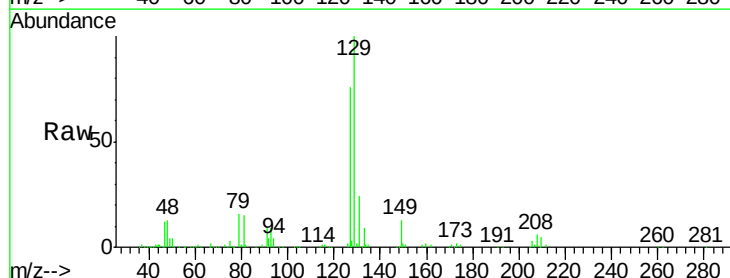
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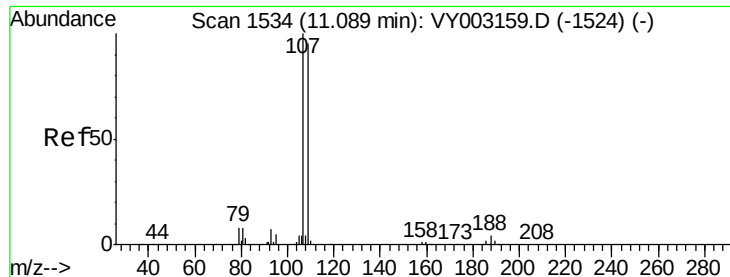
MMDadoda
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#60
Dibromochloromethane
Concen: 21.176 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY003373.D
Acq: 28 Jul 2020 14:15

Tgt Ion: 129 Resp: 96308
Ion Ratio Lower Upper
129 100
127 78.3 38.5 115.5





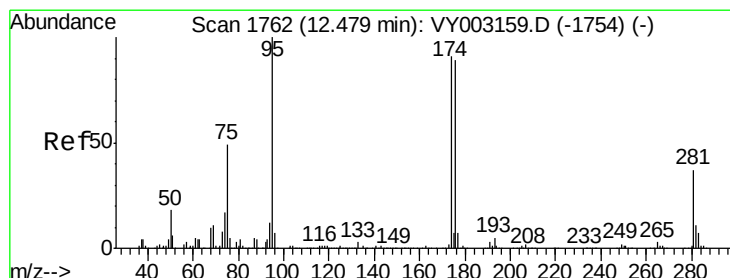
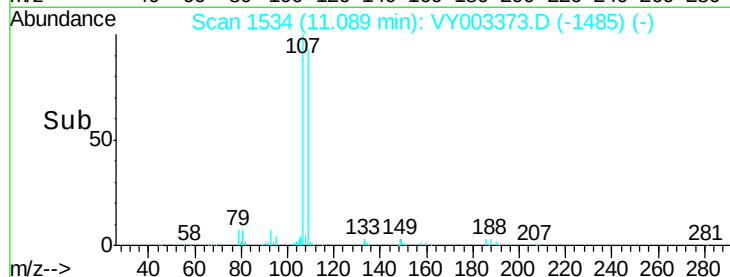
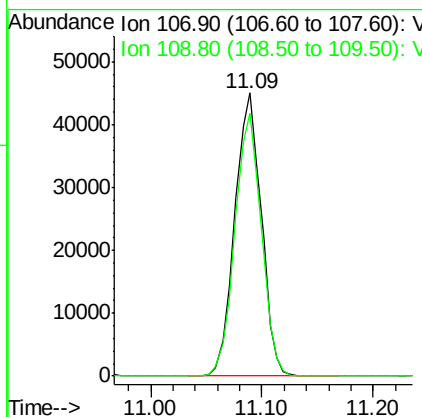
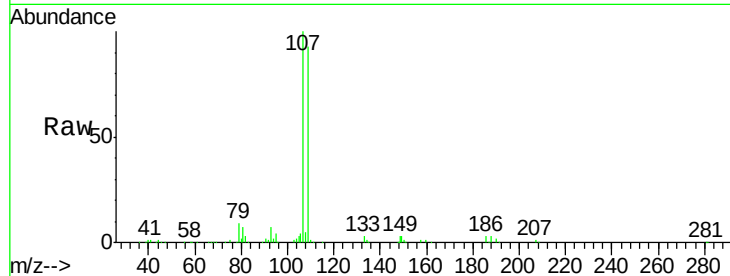
#61
 1,2-Dibromoethane
 Concen: 20.795 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VY003373.D
 Acq: 28 Jul 2020 14:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0728SBS01

Tgt Ion: 107 Resp: 74213
 Ion Ratio Lower Upper
 107 100
 109 93.0 75.6 113.4

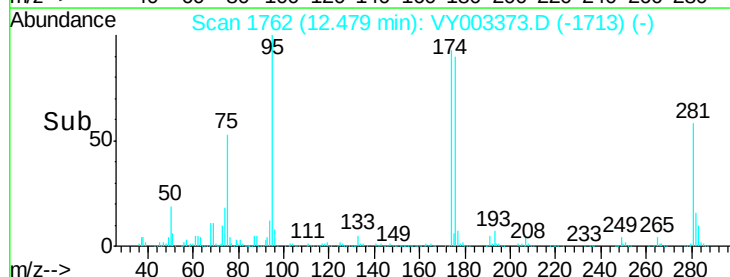
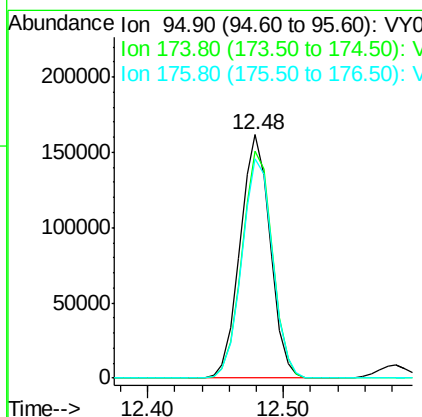
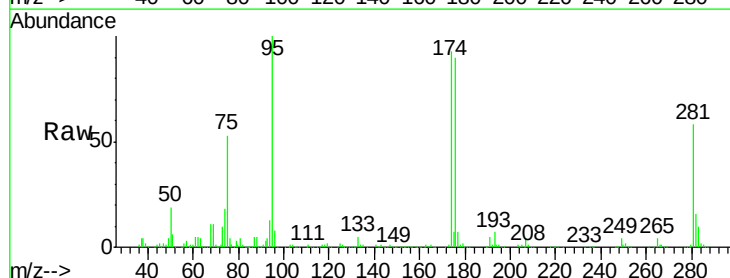
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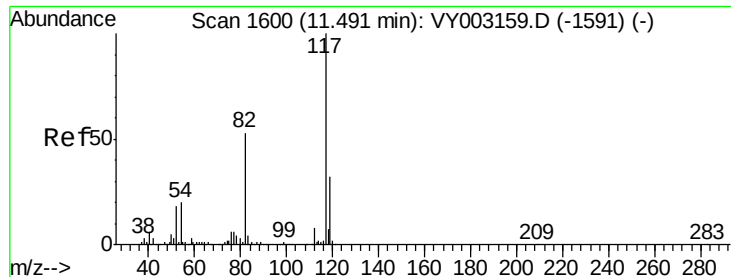
MMDadoda
 7/29/2020 7:07:25 PM



#62
 4-Bromofluorobenzene
 Concen: 47.666 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY003373.D
 Acq: 28 Jul 2020 14:15

Tgt Ion: 95 Resp: 249266
 Ion Ratio Lower Upper
 95 100
 174 94.6 0.0 190.6
 176 92.4 0.0 186.4





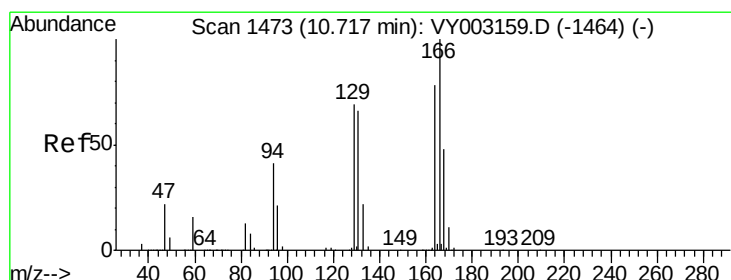
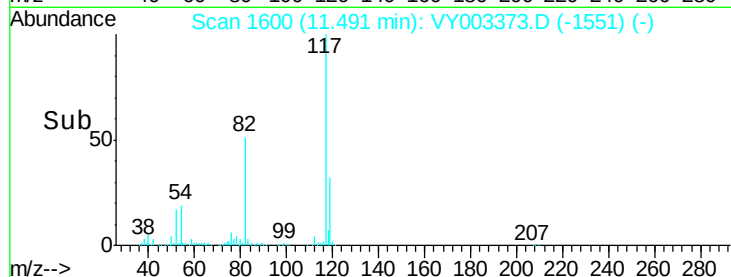
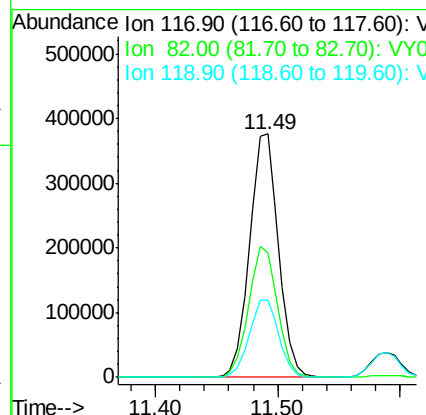
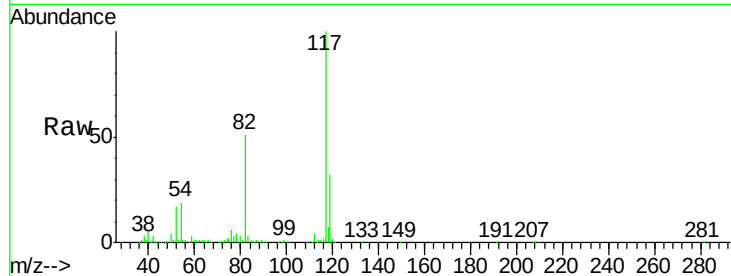
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003373.D
Acq: 28 Jul 2020 14:15

Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	615389		
82	51.1	42.0	63.0	
119	31.8	25.5	38.3	

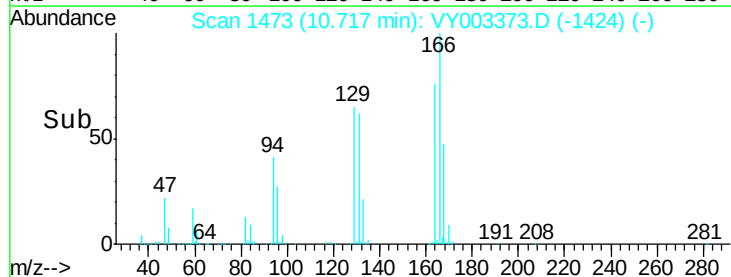
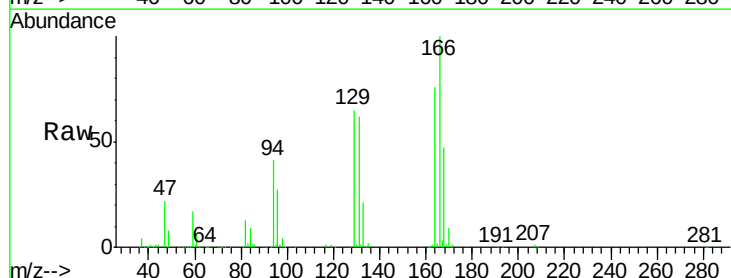
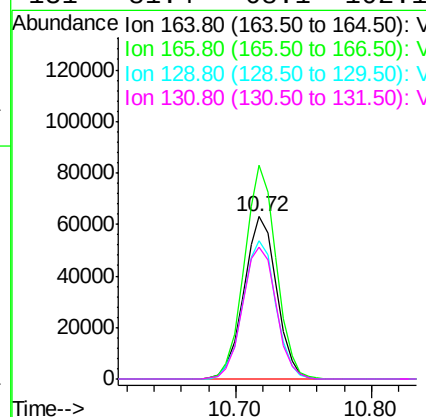
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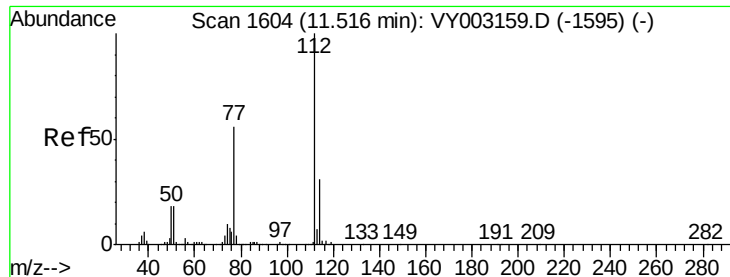
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#64
Tetrachloroethene
Concen: 19.306 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY003373.D
Acq: 28 Jul 2020 14:15

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	105930		
166	131.8	102.9	154.3	
129	85.2	71.4	107.2	
131	81.4	68.1	102.1	





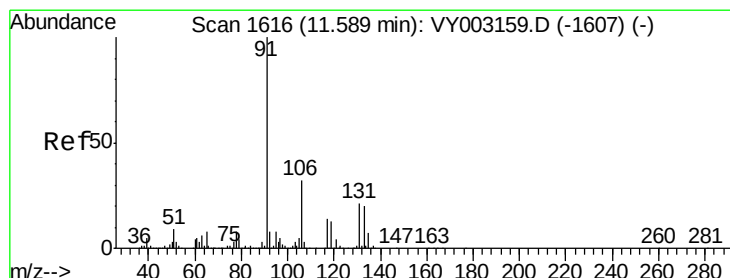
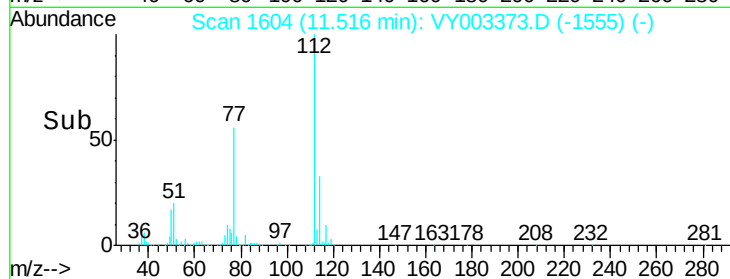
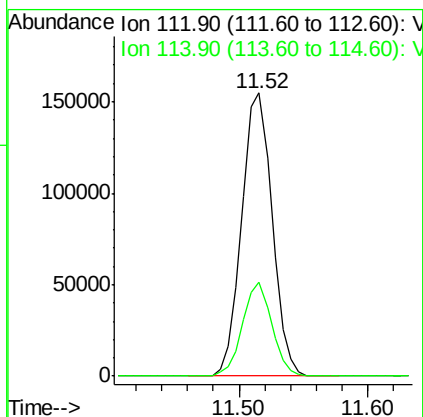
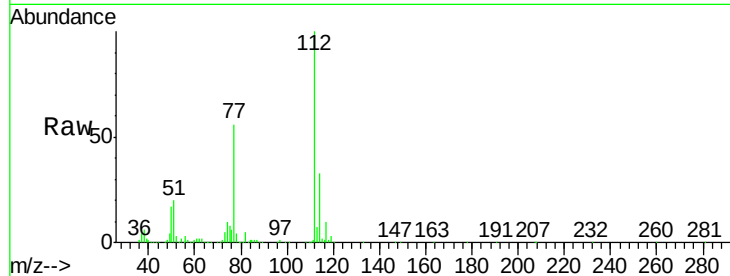
#65
Chlorobenzene
Concen: 21.346 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY003373.D
Acq: 28 Jul 2020 14:15

Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS01

Tgt Ion:112 Resp: 253058
Ion Ratio Lower Upper
112 100
114 33.0 24.7 37.1

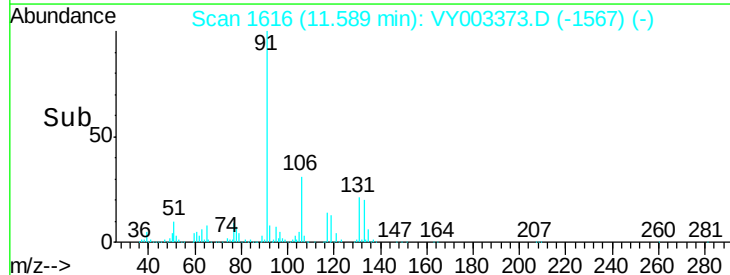
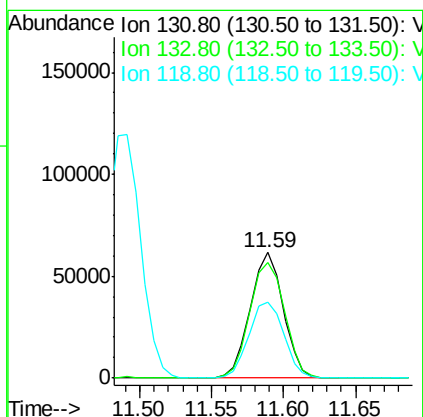
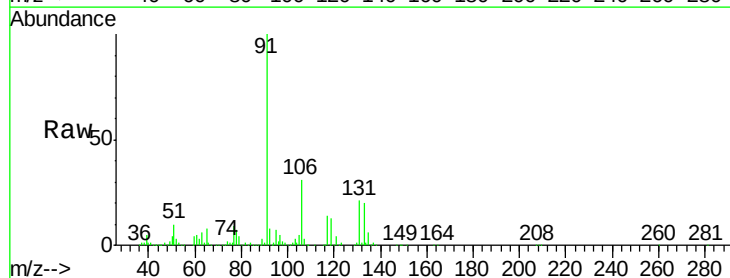
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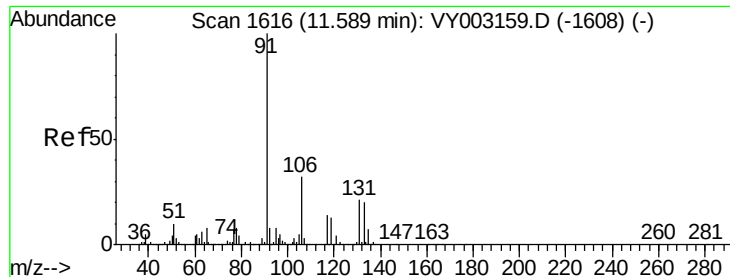
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#66
1,1,1,2-Tetrachloroethane
Concen: 21.201 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY003373.D
Acq: 28 Jul 2020 14:15

Tgt Ion:131 Resp: 97620
Ion Ratio Lower Upper
131 100
133 97.3 48.0 144.0
119 64.7 32.4 97.0





#67

Ethyl Benzene

Concen: 21.272 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. 0.00 min

Lab File: VY003373.D

Acq: 28 Jul 2020 14:15

Instrument :

MSVOA_Y

ClientSampleId :

VY0728SBS01

Tgt Ion: 91 Resp: 450278

Ion Ratio Lower Upper

91 100

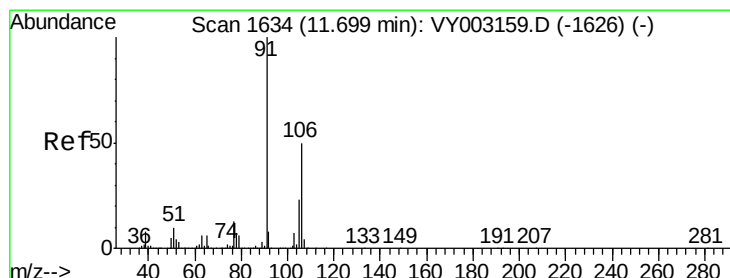
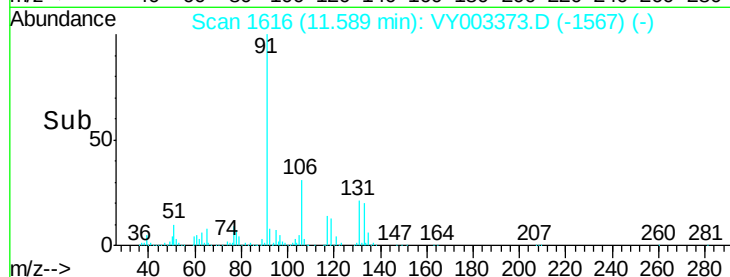
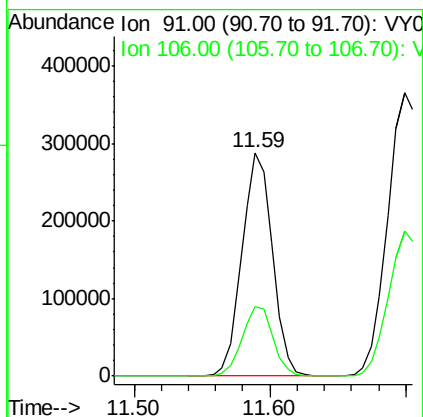
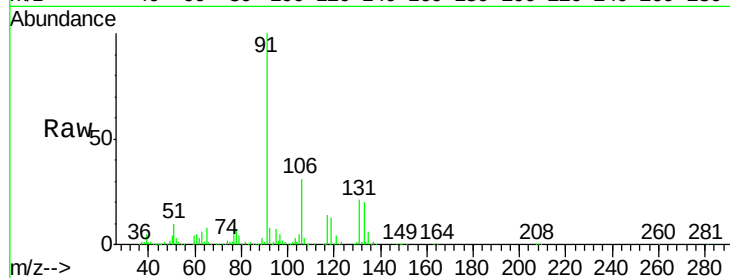
106 30.9 25.5 38.3

Manual Integrations

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#68

m/p-Xylenes

Concen: 42.189 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. -0.00 min

Lab File: VY003373.D

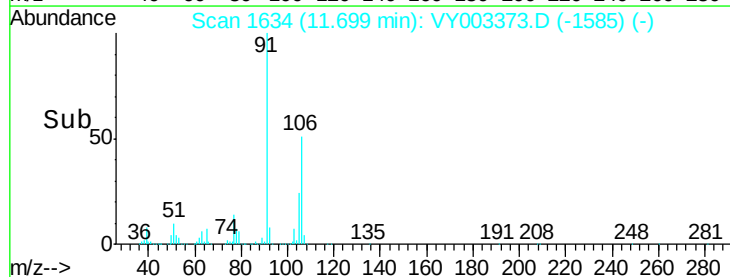
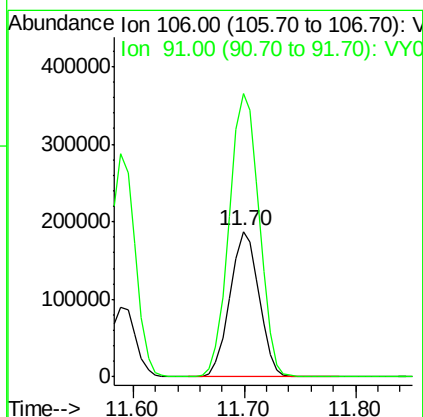
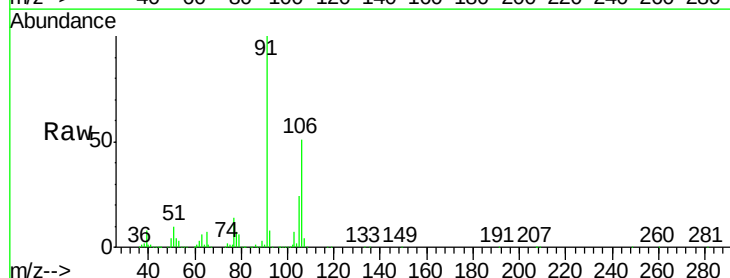
Acq: 28 Jul 2020 14:15

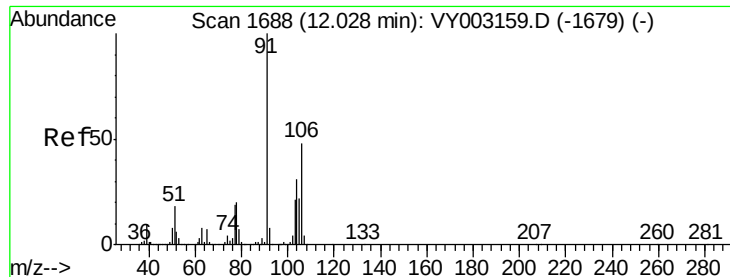
Tgt Ion: 106 Resp: 338843

Ion Ratio Lower Upper

106 100

91 200.3 159.0 238.6





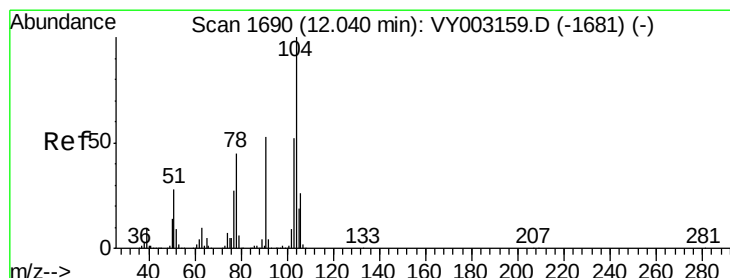
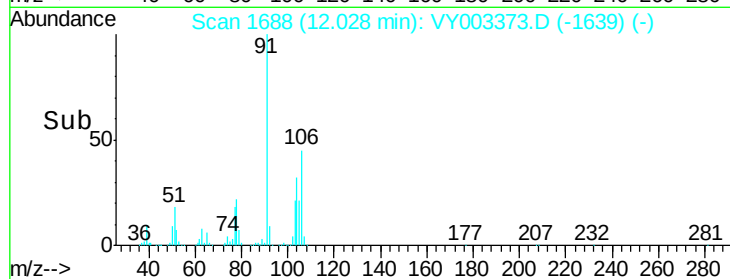
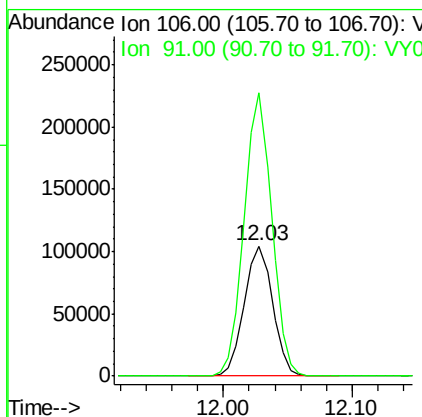
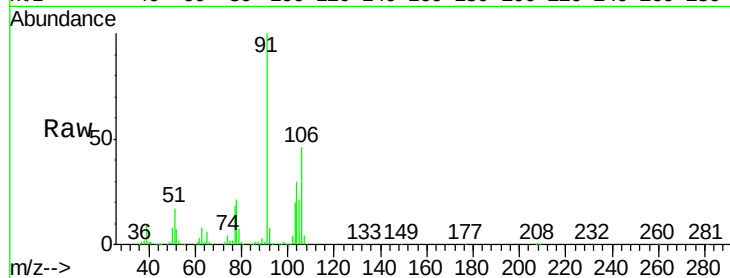
#69
o-Xylene
Concen: 21.163 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY003373.D
Acq: 28 Jul 2020 14:15

Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS01

Tgt Ion:106 Resp: 158787
Ion Ratio Lower Upper
106 100
91 212.1 105.1 315.1

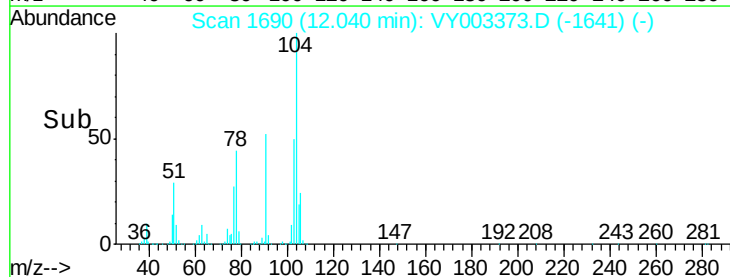
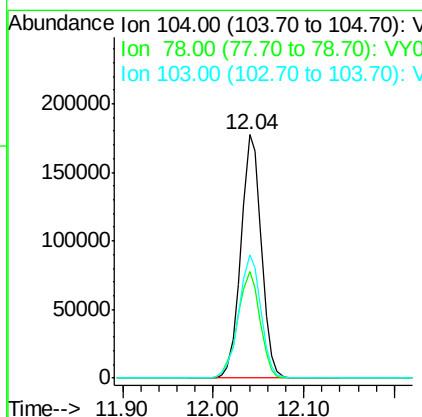
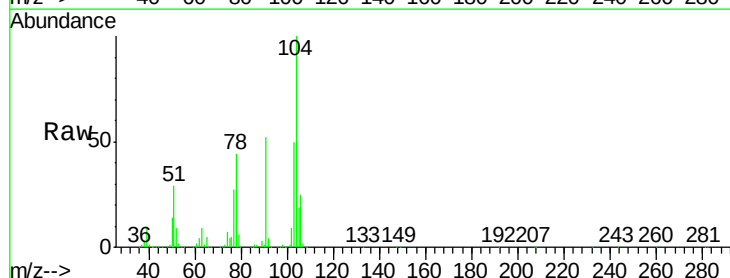
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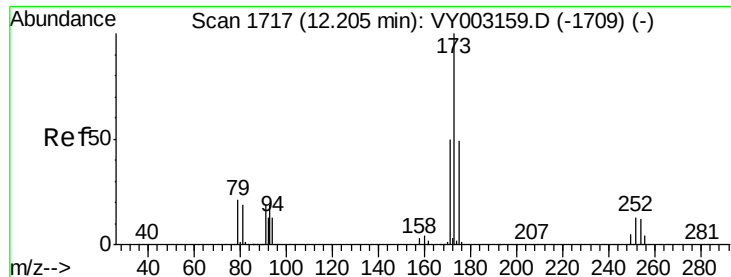
MMDadoda
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#70
Styrene
Concen: 21.529 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VY003373.D
Acq: 28 Jul 2020 14:15

Tgt Ion:104 Resp: 276337
Ion Ratio Lower Upper
104 100
78 48.2 38.5 57.7
103 54.8 43.9 65.9





#71

Bromoform

Concen: 20.737 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VY003373.D

Acq: 28 Jul 2020 14:15

Instrument :

MSVOA_Y

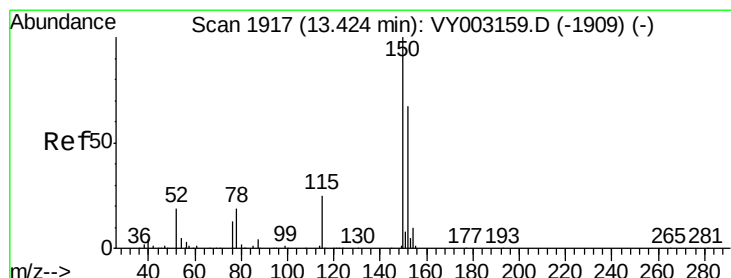
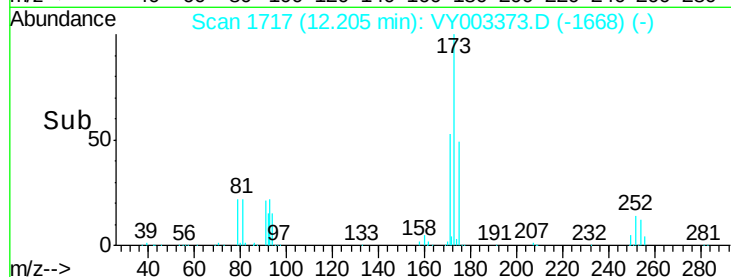
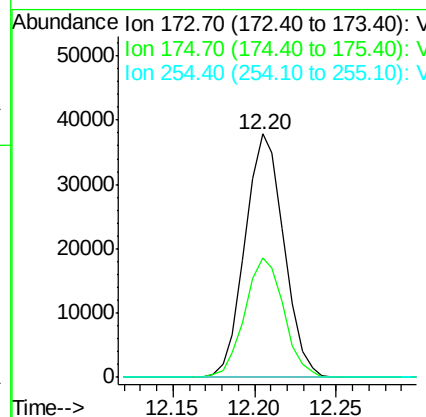
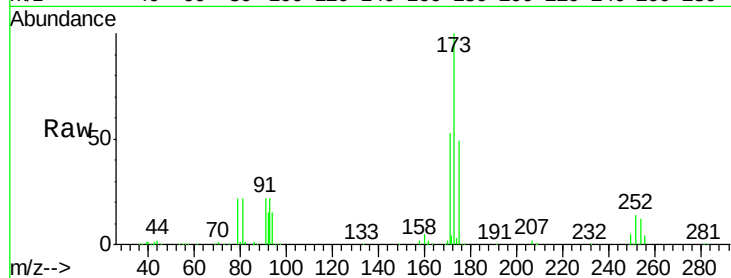
ClientSampleId :

VY0728SBS01

Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.3	24.3	73.0
254	0.0	0.2	0.2

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

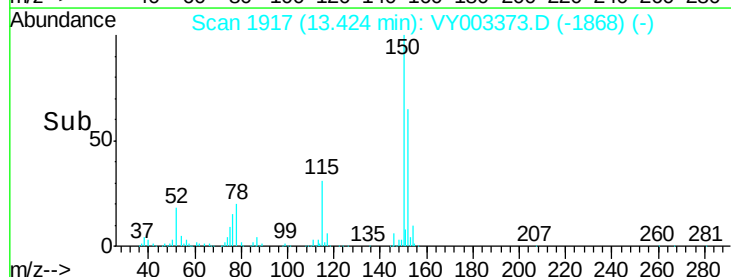
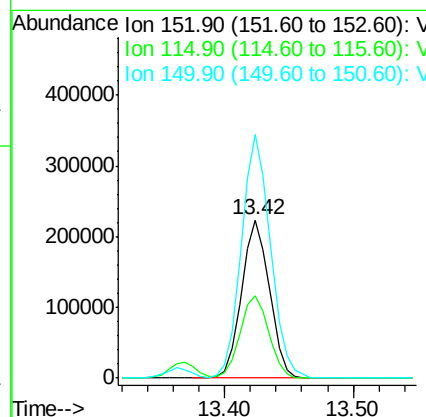
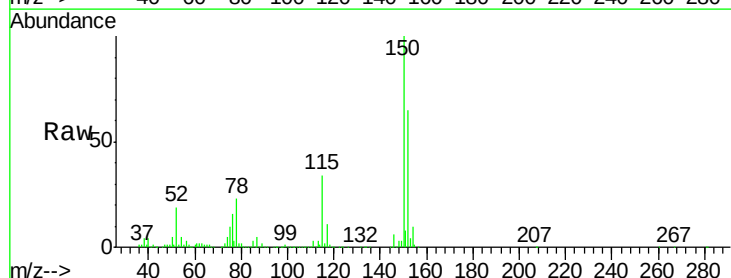
RT: 13.42 min Scan# 1917

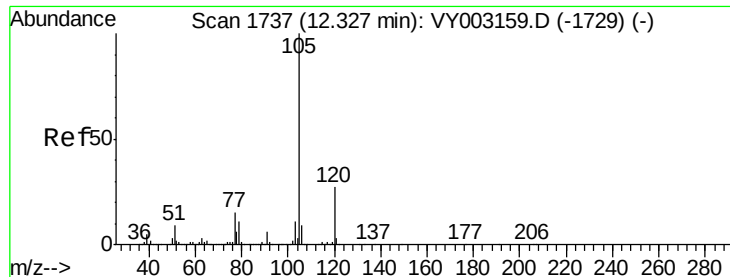
Delta R.T. -0.00 min

Lab File: VY003373.D

Acq: 28 Jul 2020 14:15

Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.6	26.9	80.7
150	161.5	0.0	338.0





#73

Isopropylbenzene

Concen: 20.746 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY003373.D

Acq: 28 Jul 2020 14:15

Instrument :

MSVOA_Y

ClientSampleId :

VY0728SBS01

Tgt Ion: 105 Resp: 440032

Ion Ratio Lower Upper

105 100

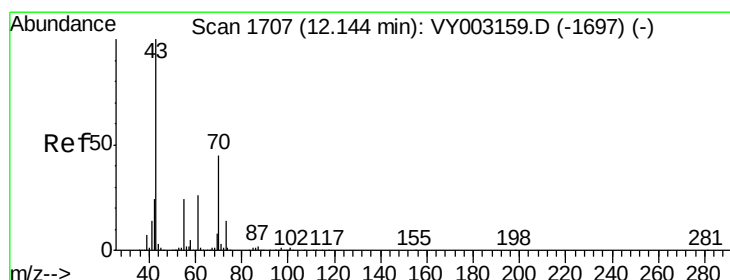
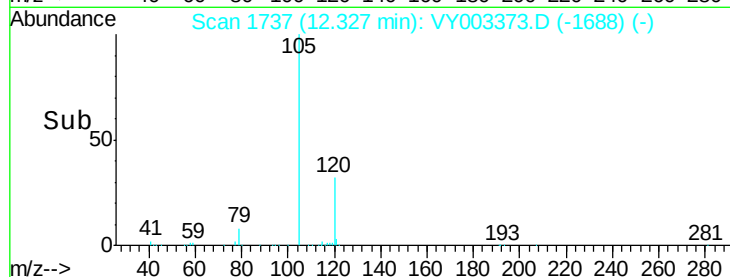
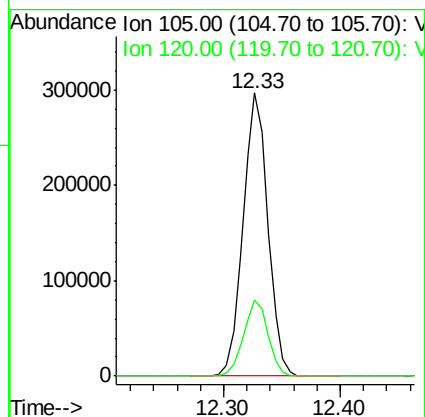
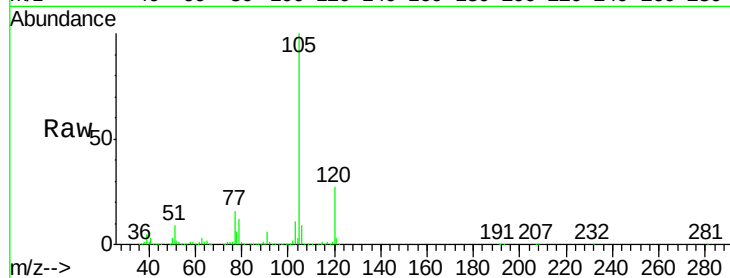
120 26.6 13.4 40.2

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#74

N-ethyl acetate

Concen: 21.285 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VY003373.D

Acq: 28 Jul 2020 14:15

Tgt Ion: 43 Resp: 126671

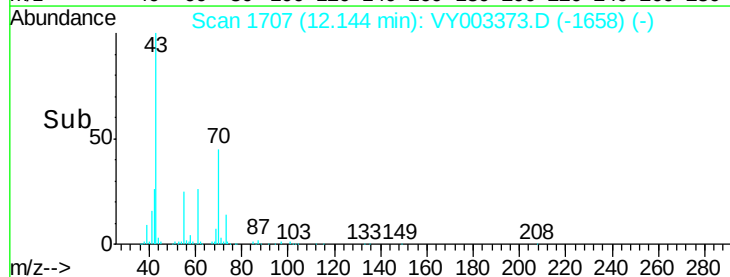
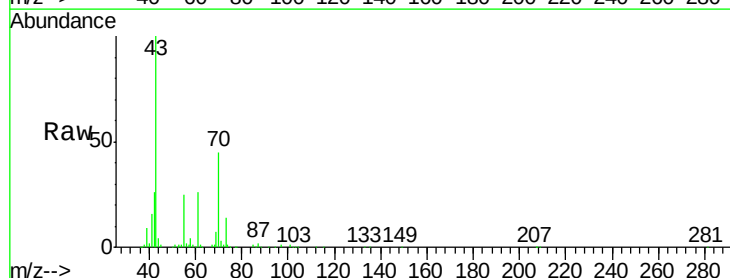
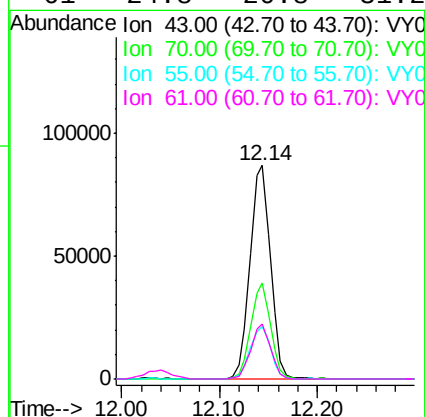
Ion Ratio Lower Upper

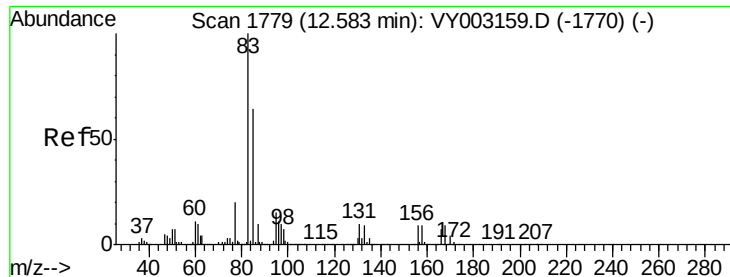
43 100

70 43.4 35.6 53.4

55 24.7 19.4 29.2

61 24.8 20.8 31.2





#75

1,1,2,2-Tetrachloroethane

Concen: 21.324 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY003373.D

Acq: 28 Jul 2020 14:15

Instrument :

MSVOA_Y

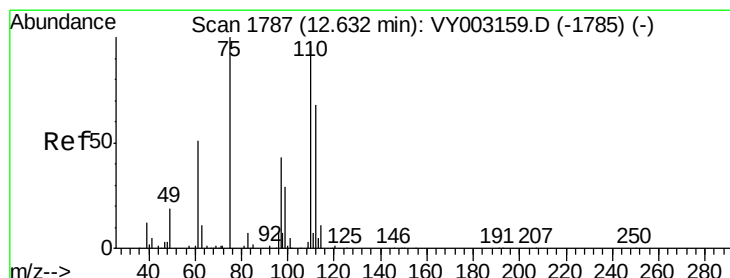
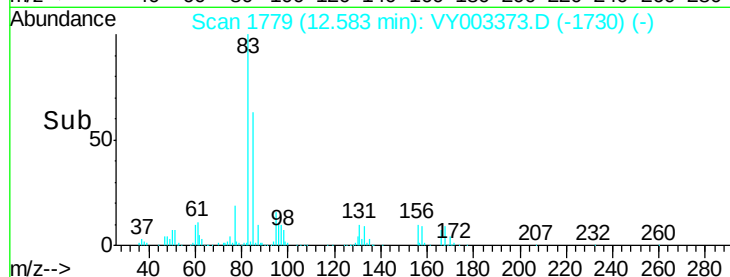
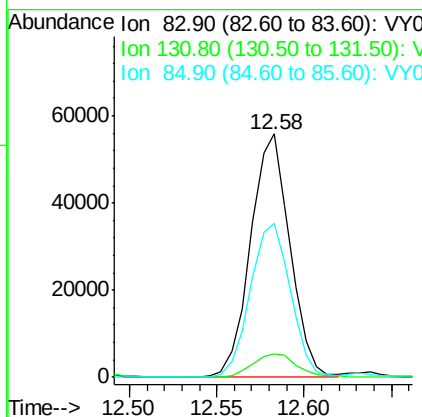
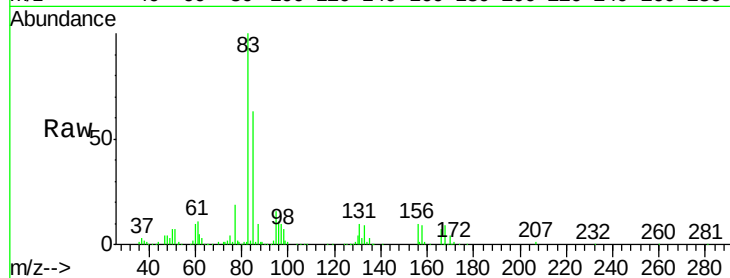
ClientSampleId :

VY0728SBS01

Tgt Ion:	83	Resp:	87352
Ion Ratio	Lower	Upper	
83	100		
131	11.0	5.2	15.6
85	64.9	32.0	96.0

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 20.664 ug/l m

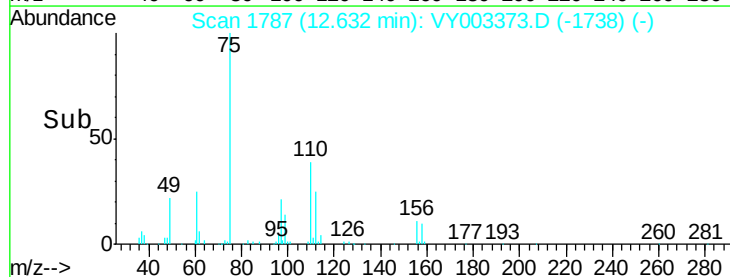
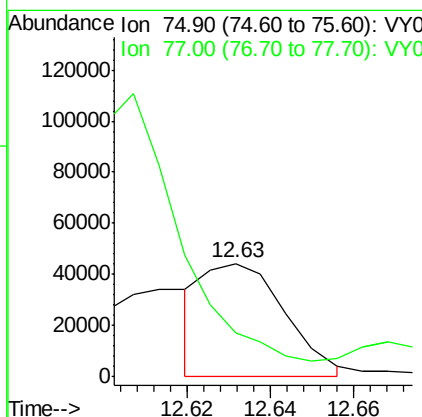
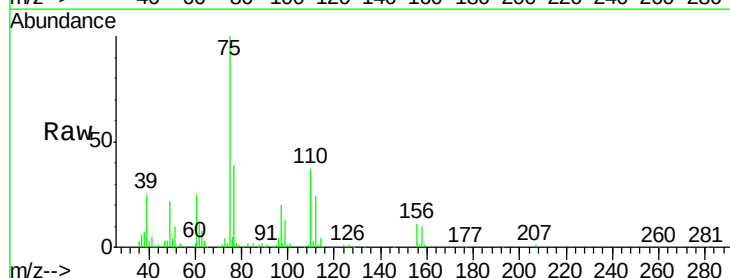
RT: 12.63 min Scan# 1787

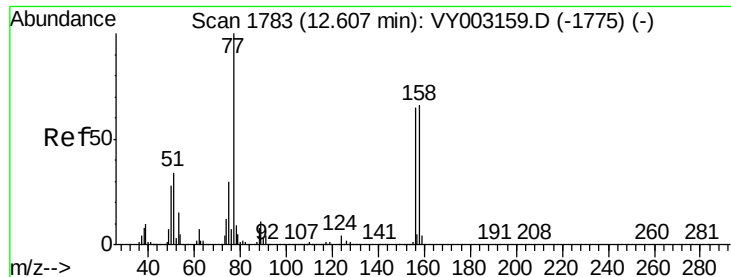
Delta R.T. 0.00 min

Lab File: VY003373.D

Acq: 28 Jul 2020 14:15

Tgt Ion:	75	Resp:	60878
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 20.822 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY003373.D

Acq: 28 Jul 2020 14:15

Instrument :

MSVOA_Y

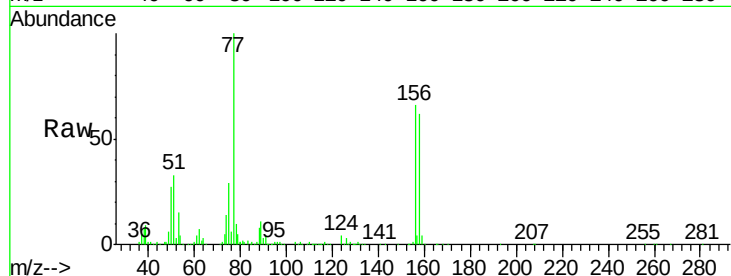
ClientSampleId :

VY0728SBS01

Tgt Ion:	156	Resp:	112575
Ion Ratio	Lower	Upper	
156	100		
77	173.5	86.6	259.7
158	95.8	49.4	148.0

Manual Integrations
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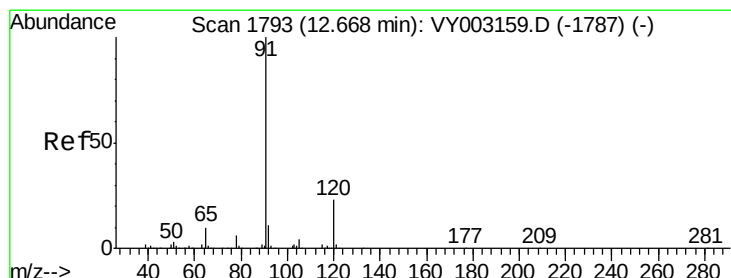
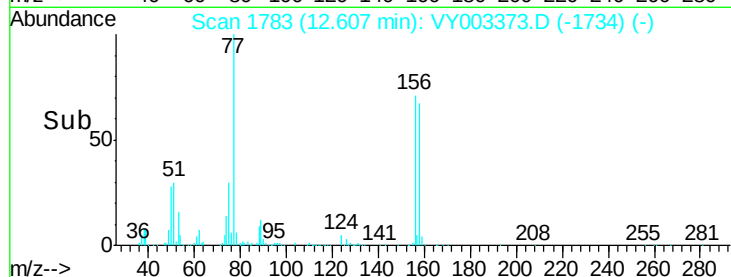
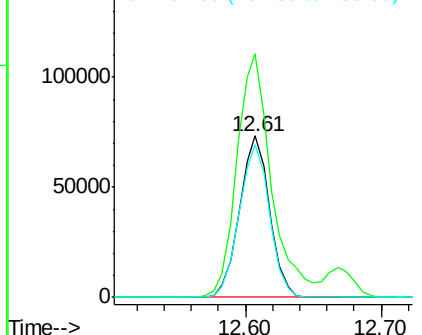
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Abundance Ion 155.80 (155.50 to 156.50): VY003373.D (-1734) (-)

Ion 77.00 (76.70 to 77.70): VY003373.D (-1734) (-)

Ion 157.80 (157.50 to 158.50): VY003373.D (-1734) (-)



#78

n-propylbenzene

Concen: 21.208 ug/l

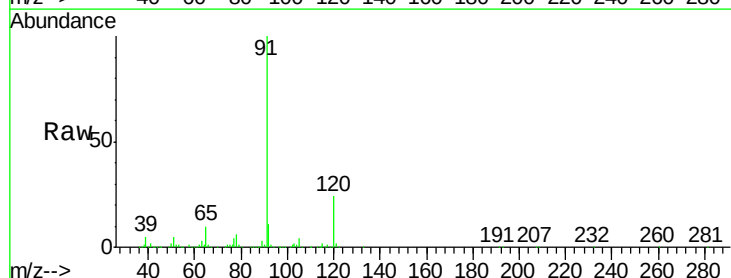
RT: 12.67 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VY003373.D

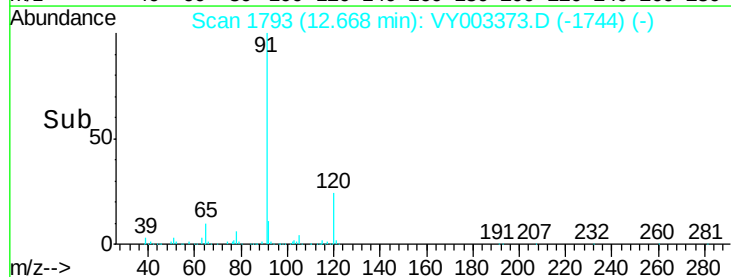
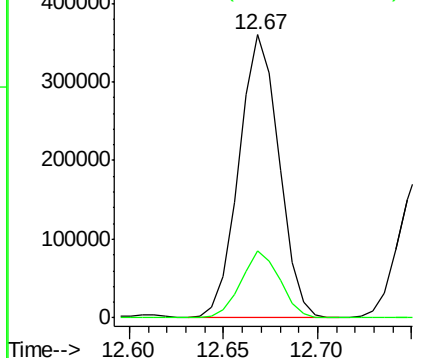
Acq: 28 Jul 2020 14:15

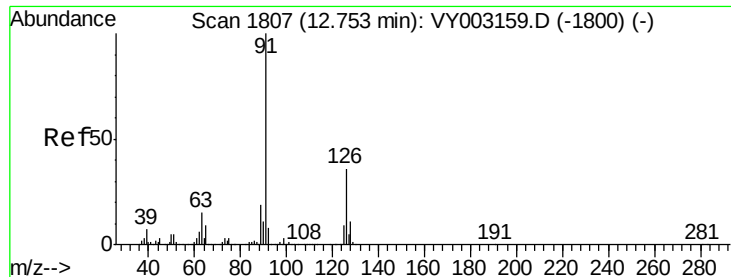
Tgt Ion:	91	Resp:	530214
Ion Ratio	Lower	Upper	
91	100		
120	23.1	11.7	35.1



Abundance Ion 91.00 (90.70 to 91.70): VY003373.D (-1744) (-)

Ion 120.00 (119.70 to 120.70): VY003373.D (-1744) (-)





#79

2-Chlorotoluene

Concen: 20.824 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VY003373.D

Acq: 28 Jul 2020 14:15

Instrument :

MSVOA_Y

ClientSampleId :

VY0728SBS01

Tgt Ion: 91 Resp: 290479

Ion Ratio Lower Upper

91 100

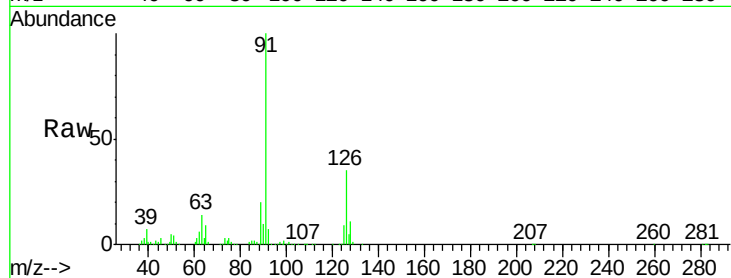
126 35.2 17.6 52.9

Manual Integrations

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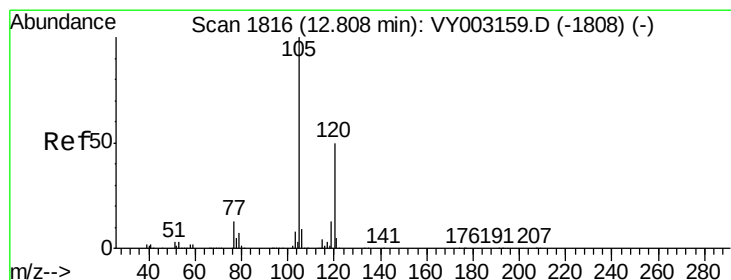
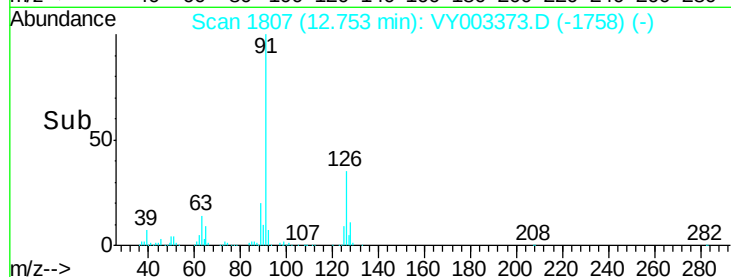
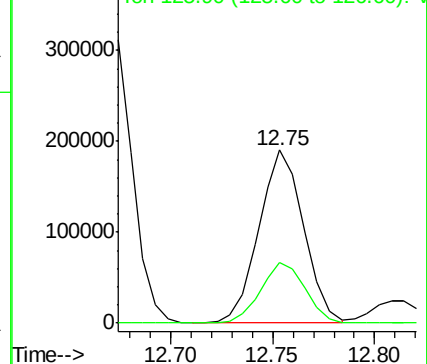
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Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 20.876 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. 0.00 min

Lab File: VY003373.D

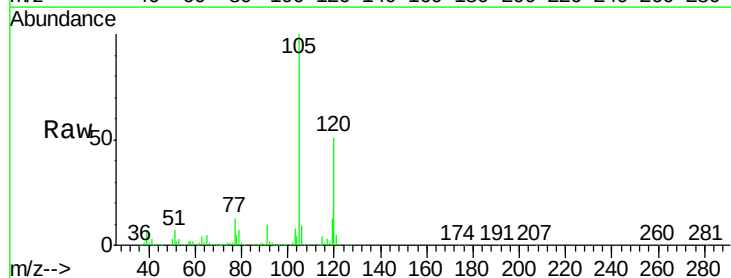
Acq: 28 Jul 2020 14:15

Tgt Ion: 105 Resp: 369040

Ion Ratio Lower Upper

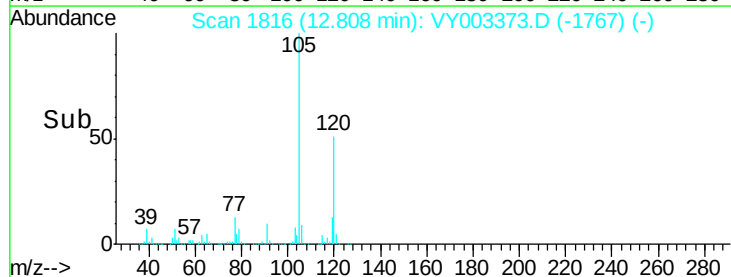
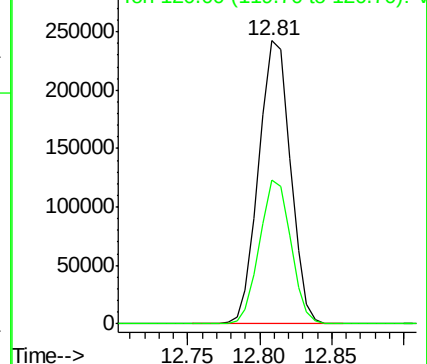
105 100

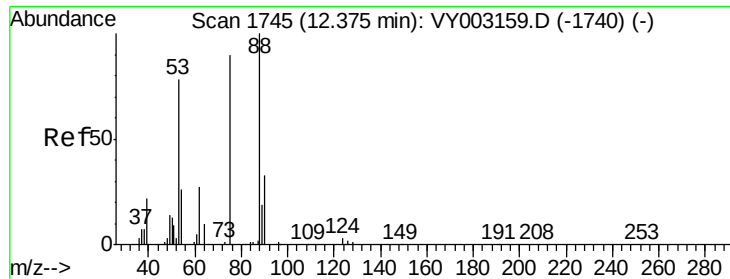
120 50.1 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 21.478 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VY003373.D

Acq: 28 Jul 2020 14:15

Instrument :

MSVOA_Y

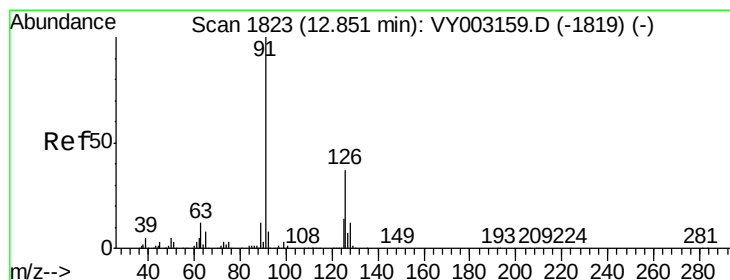
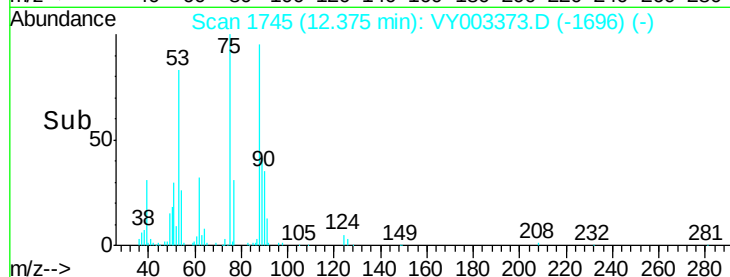
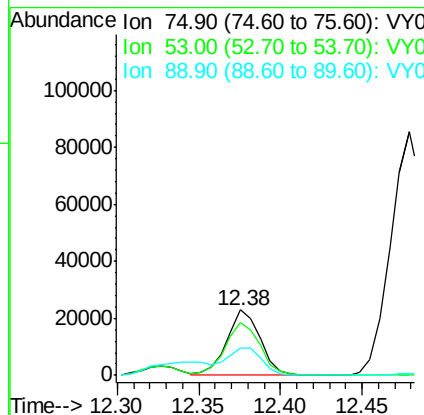
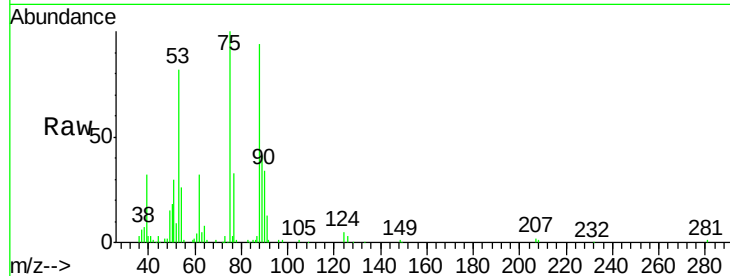
ClientSampleId :

VY0728SBS01

Tgt Ion:	75	Resp:	32512
Ion	Ratio	Lower	Upper
75	100		
53	84.3	72.0	108.0
89	44.5	37.3	55.9

Manual Integrations
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#82

4-Chlorotoluene

Concen: 21.032 ug/l

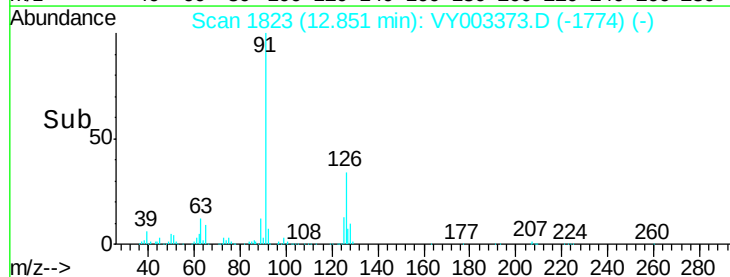
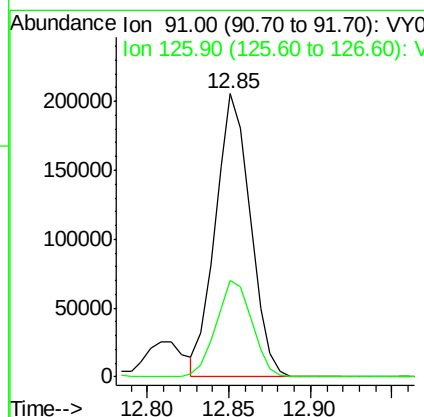
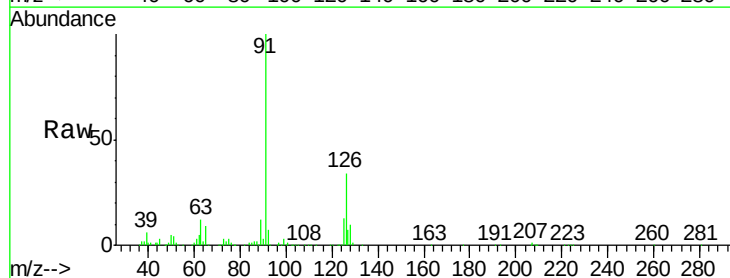
RT: 12.85 min Scan# 1823

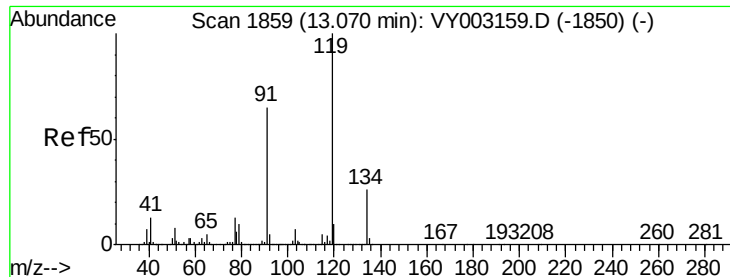
Delta R.T. 0.00 min

Lab File: VY003373.D

Acq: 28 Jul 2020 14:15

Tgt Ion:	91	Resp:	306221
Ion	Ratio	Lower	Upper
91	100		
126	35.1	17.9	53.7





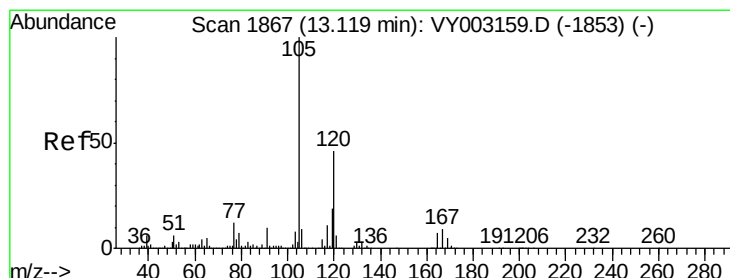
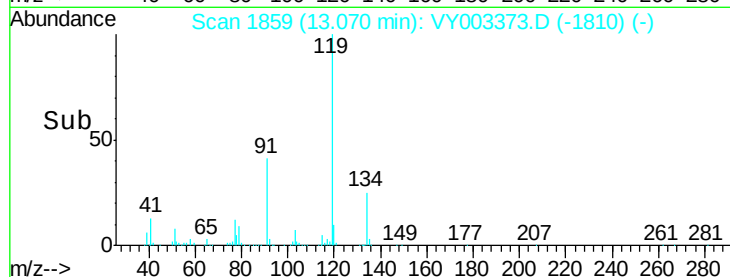
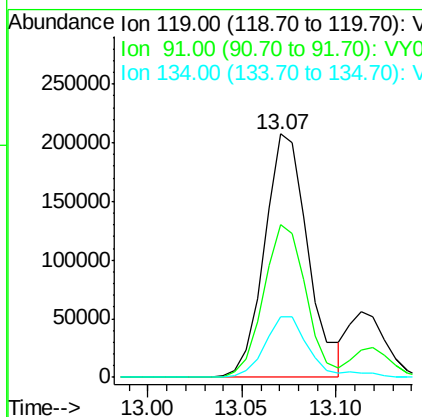
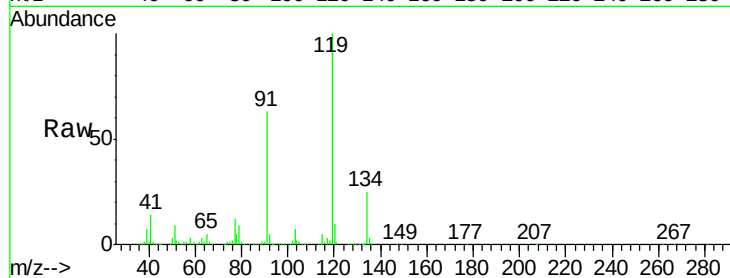
#83
 tert-Butylbenzene
 Concen: 21.325 ug/l
 RT: 13.07 min Scan# 1859
 Delta R.T. 0.00 min
 Lab File: VY003373.D
 Acq: 28 Jul 2020 14:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0728SBS01

Tgt Ion	Ratio	Lower	Upper
119	100		
91	61.1	30.8	92.4
134	25.7	13.2	39.6

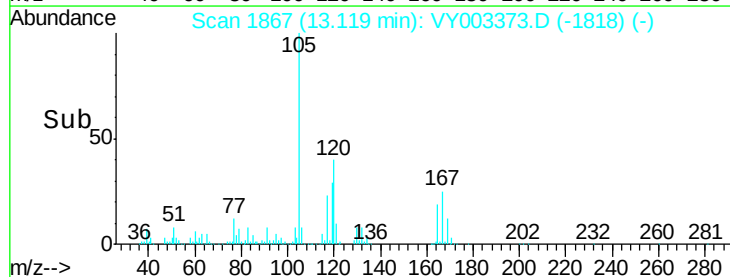
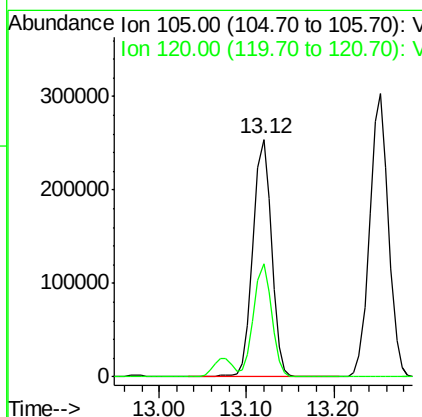
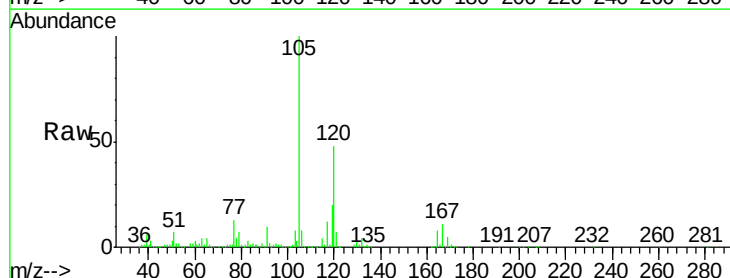
Manual Integrations
 APPROVED

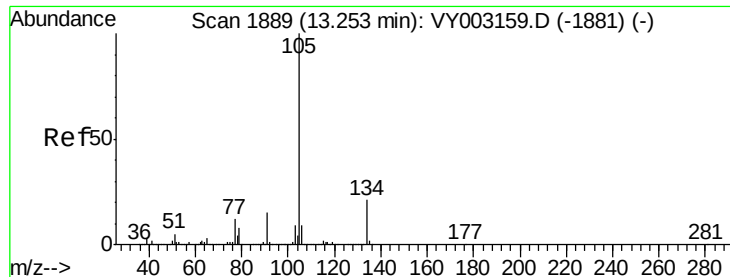
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#84
 1,2,4-Trimethylbenzene
 Concen: 20.981 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VY003373.D
 Acq: 28 Jul 2020 14:15

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.5	22.5	67.5





#85

sec-Butylbenzene

Concen: 21.207 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VY003373.D

Acq: 28 Jul 2020 14:15

Instrument :

MSVOA_Y

ClientSampleId :

VY0728SBS01

Tgt Ion:105 Resp: 454654

Ion Ratio Lower Upper

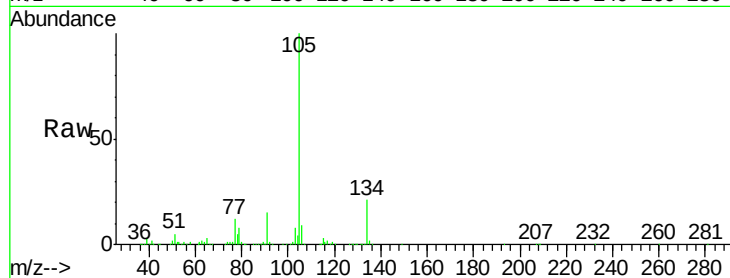
105 100

134 20.9 10.4 31.4

Manual Integrations
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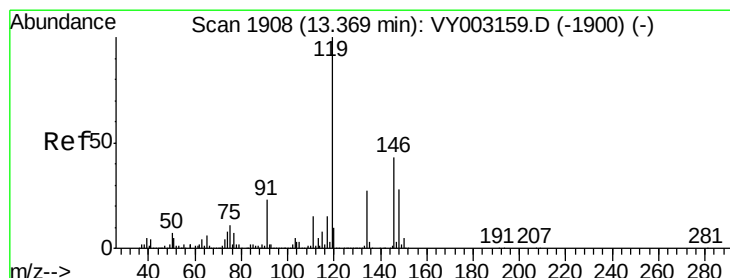
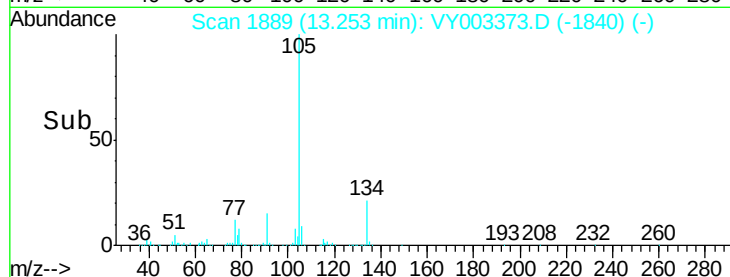
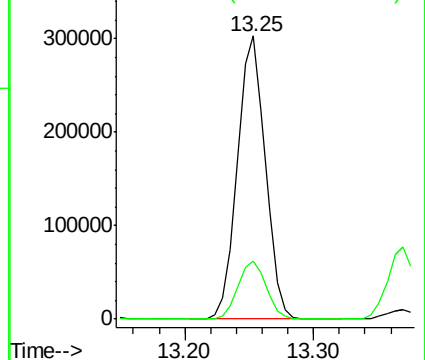
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.824 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY003373.D

Acq: 28 Jul 2020 14:15

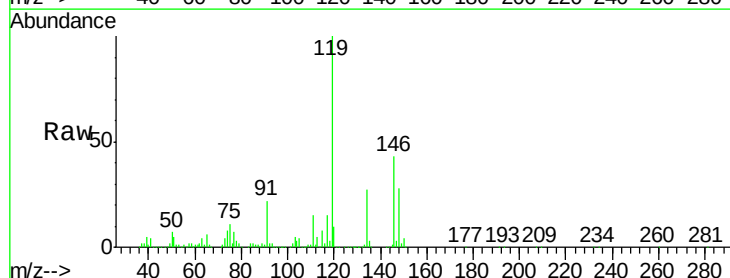
Tgt Ion:119 Resp: 416841

Ion Ratio Lower Upper

119 100

134 27.1 13.4 40.2

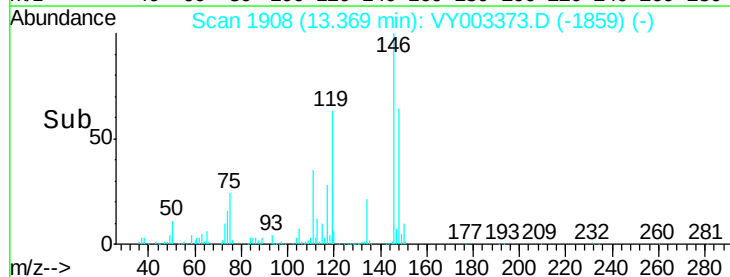
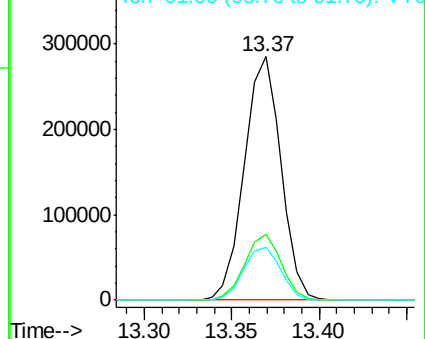
91 22.2 11.2 33.6

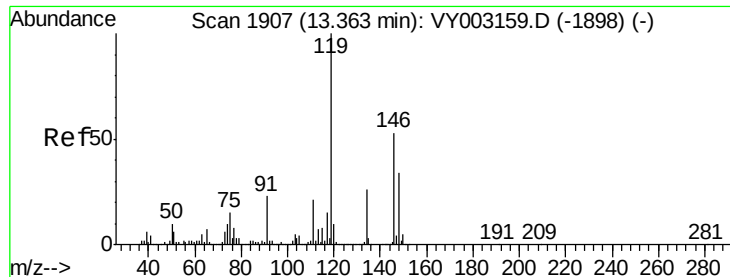


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





#87

1,3-Dichlorobenzene

Concen: 20.775 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. -0.00 min

Lab File: VY003373.D

Acq: 28 Jul 2020 14:15

Instrument :

MSVOA_Y

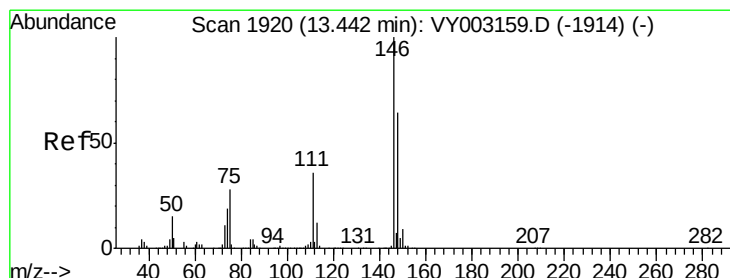
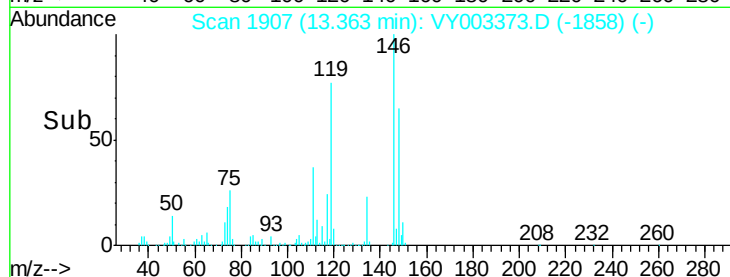
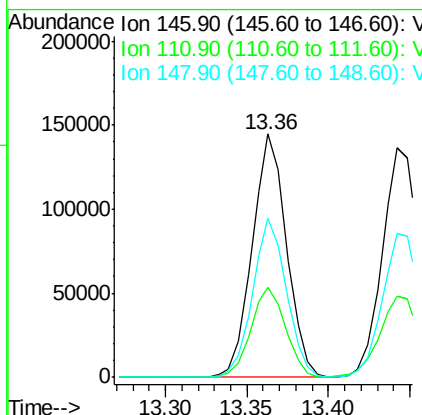
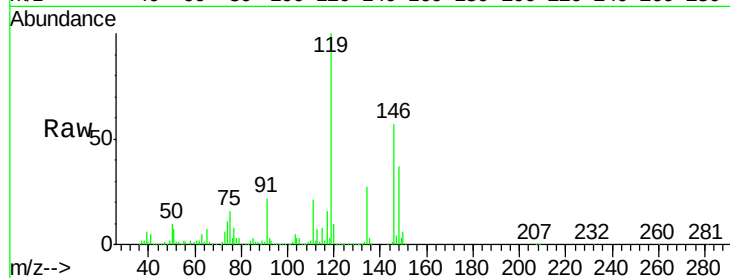
ClientSampleId :

VY0728SBS01

Tgt Ion:	146	Resp:	212398
Ion Ratio	Lower	Upper	
146	100		
111	37.3	18.8	56.3
148	64.2	32.3	96.9

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 21.084 ug/l

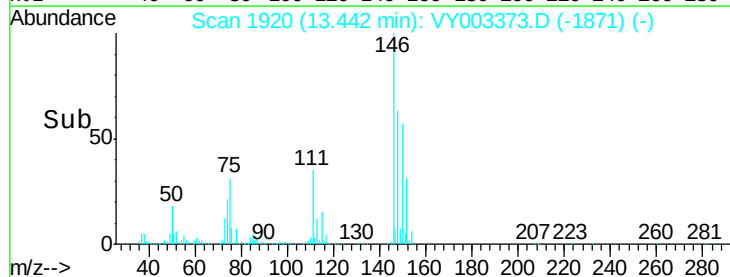
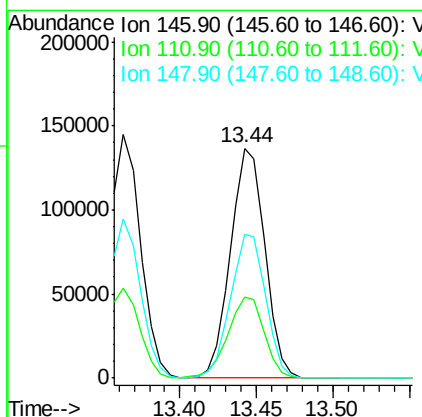
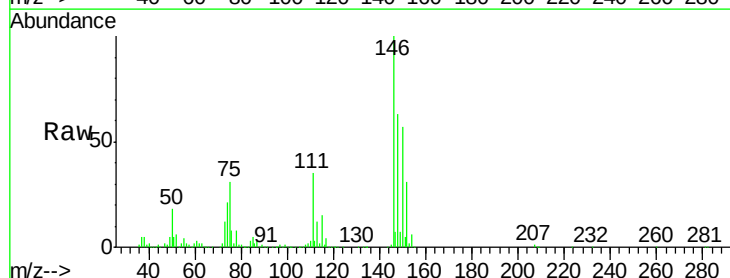
RT: 13.44 min Scan# 1920

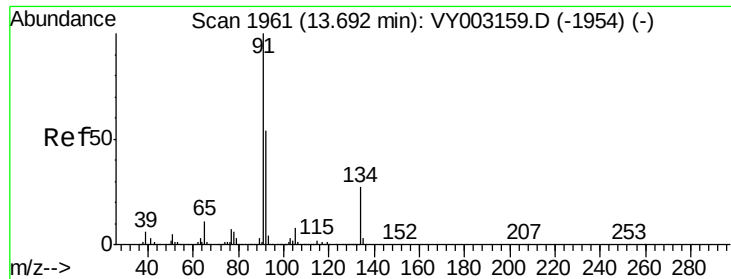
Delta R.T. 0.00 min

Lab File: VY003373.D

Acq: 28 Jul 2020 14:15

Tgt Ion:	146	Resp:	213414
Ion Ratio	Lower	Upper	
146	100		
111	37.4	18.4	55.0
148	63.6	32.0	96.0





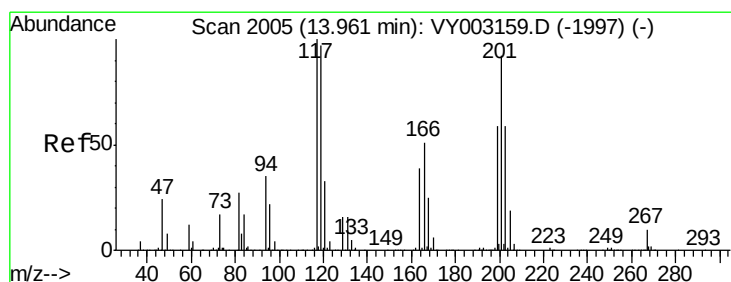
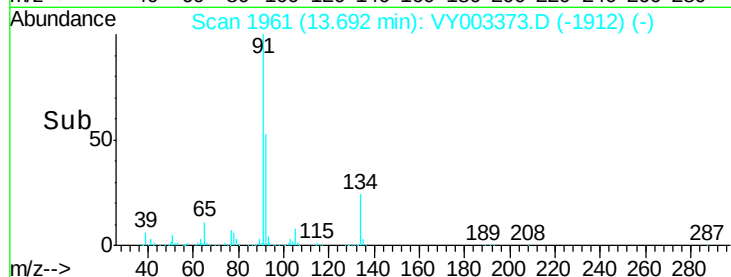
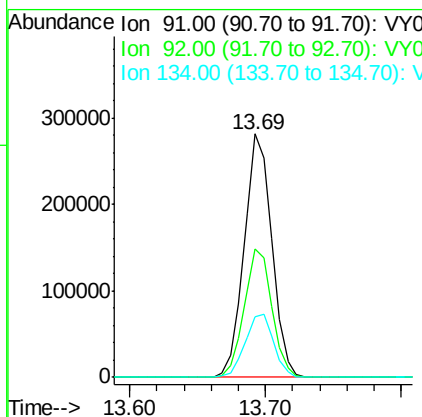
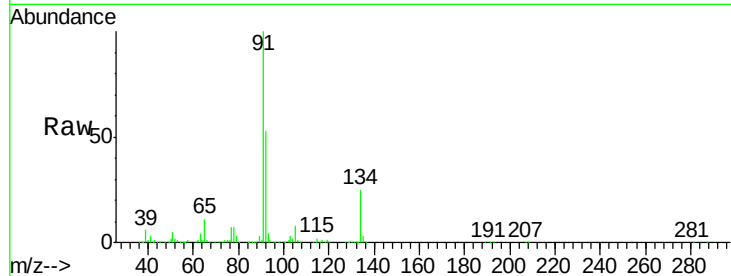
#89
n-Butylbenzene
Concen: 21.217 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. 0.00 min
Lab File: VY003373.D
Acq: 28 Jul 2020 14:15

Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS01

Tgt Ion	Ratio	Lower	Upper
91	100		
92	53.0	26.9	80.7
134	26.9	13.6	40.7

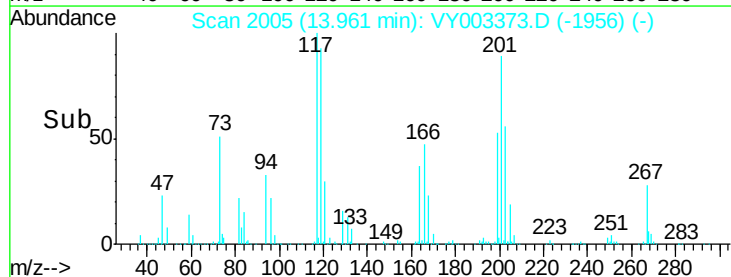
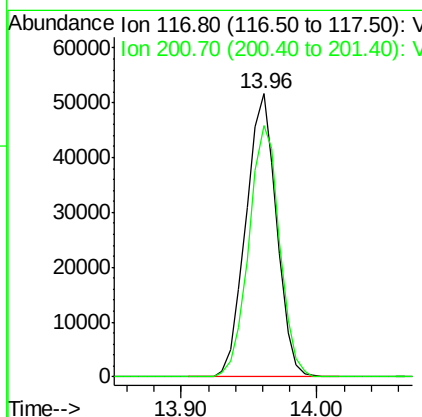
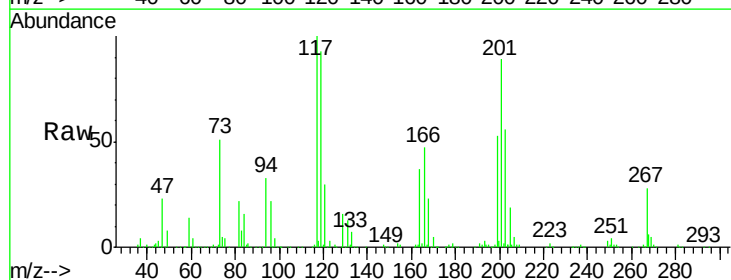
Manual Integrations
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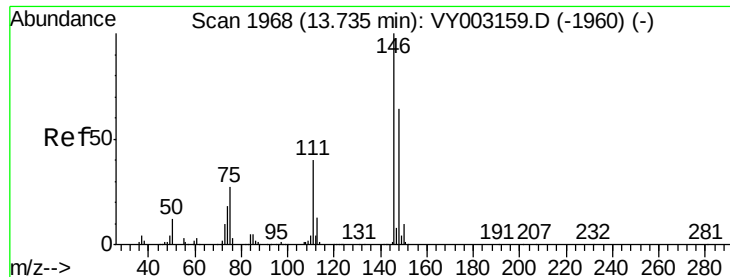
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#90
Hexachloroethane
Concen: 22.384 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. 0.00 min
Lab File: VY003373.D
Acq: 28 Jul 2020 14:15

Tgt Ion	Ratio	Lower	Upper
117	100		
201	89.1	45.1	135.3





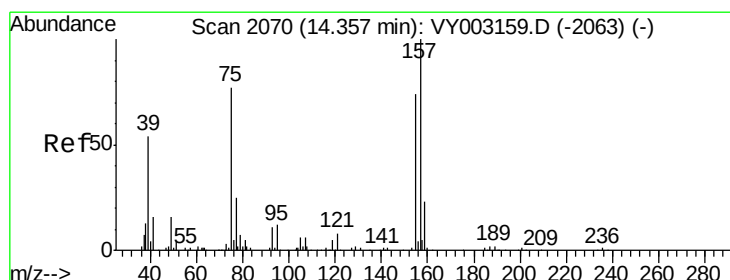
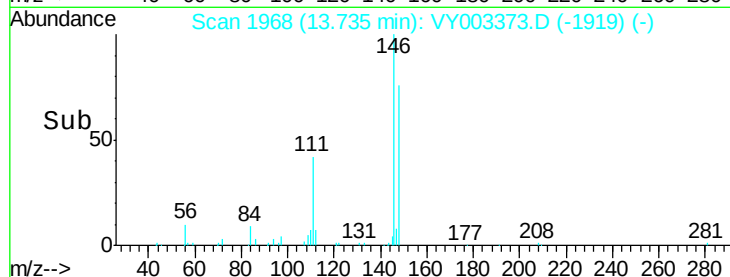
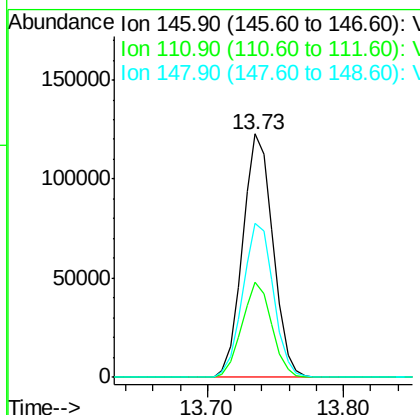
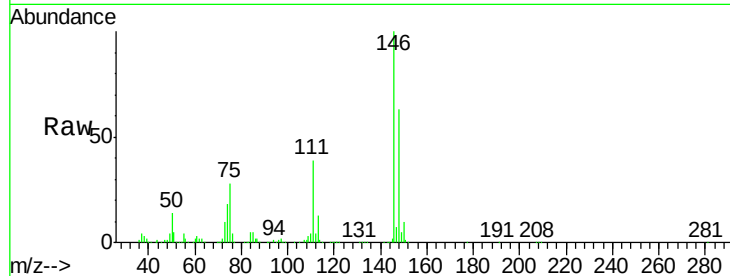
#91
 1,2-Dichlorobenzene
 Concen: 21.291 ug/l
 RT: 13.73 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: VY003373.D
 Acq: 28 Jul 2020 14:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0728SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	191028		
111	38.7	19.6	58.8	
148	64.0	32.4	97.0	

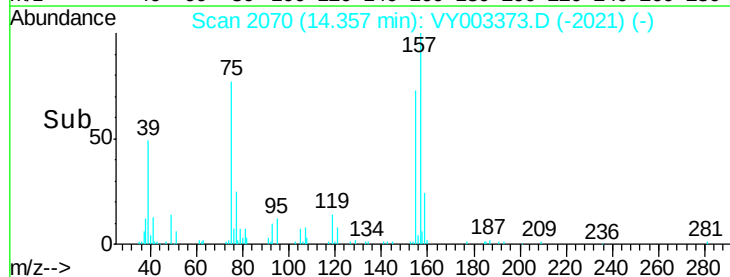
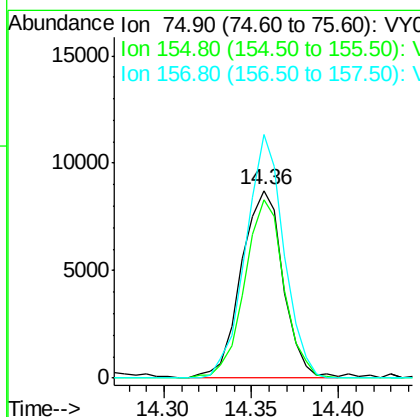
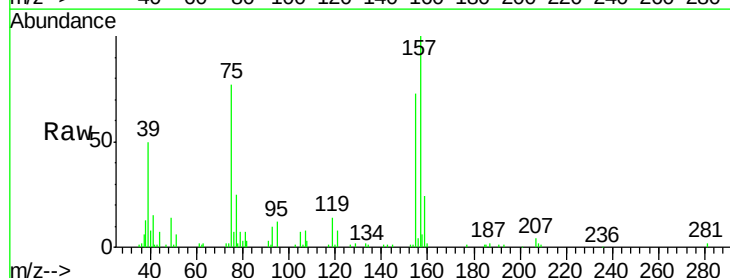
Manual Integrations
 APPROVED

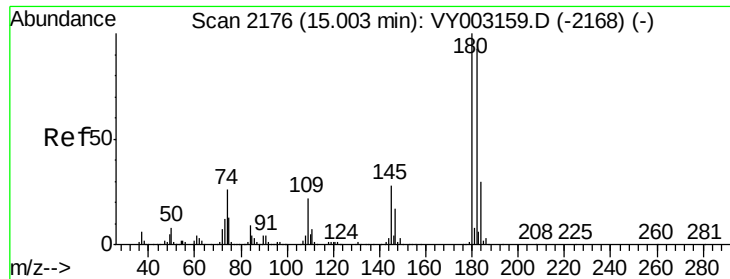
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.927 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. 0.00 min
 Lab File: VY003373.D
 Acq: 28 Jul 2020 14:15

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	14562		
155	89.0	48.1	144.3	
157	118.2	61.9	185.6	





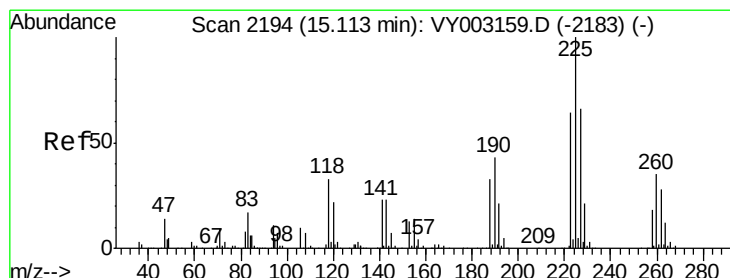
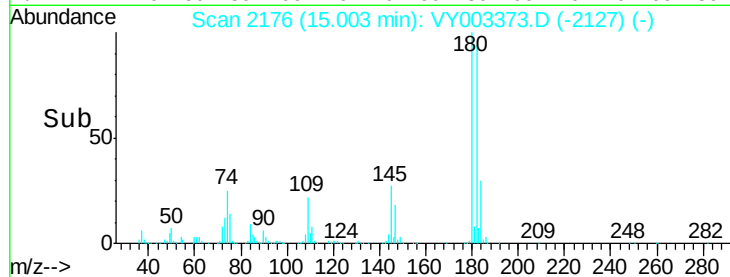
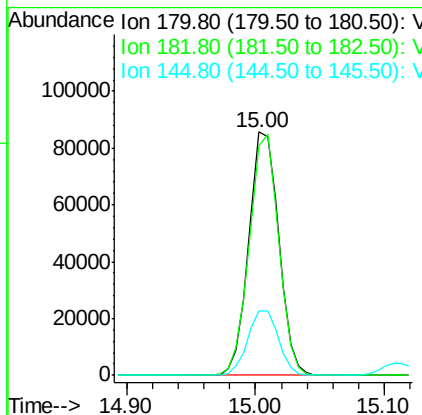
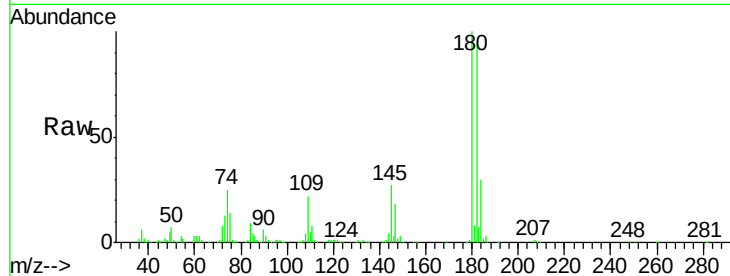
#93
 1,2,4-Trichlorobenzene
 Concen: 21.440 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VY003373.D
 Acq: 28 Jul 2020 14:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0728SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	136846		
182	97.1	47.3	142.0	
145	27.4	13.7	41.1	

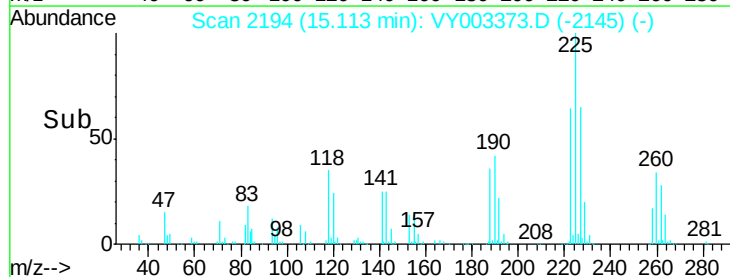
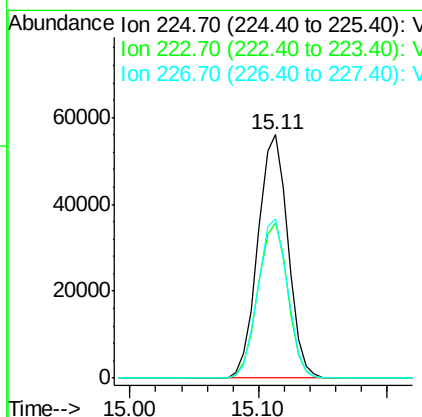
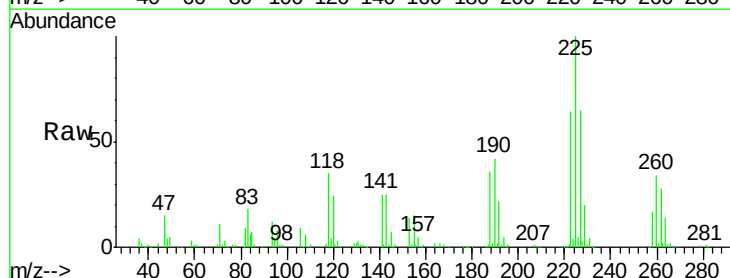
Manual Integrations
 APPROVED

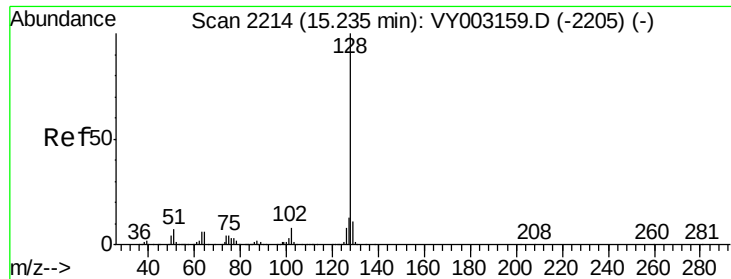
MMDadoda
 7/29/2020 7:07:25 PM



#94
 Hexachlorobutadiene
 Concen: 20.623 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. -0.00 min
 Lab File: VY003373.D
 Acq: 28 Jul 2020 14:15

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	90197		
223	63.1	31.6	94.7	
227	64.6	32.3	96.8	





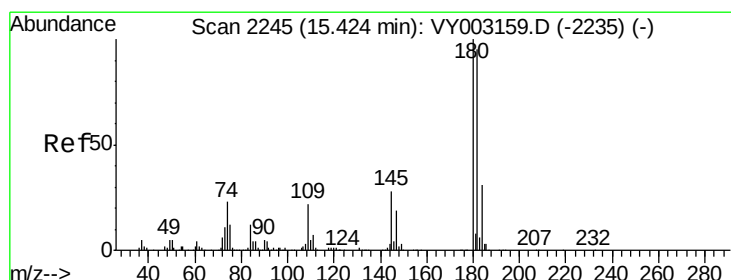
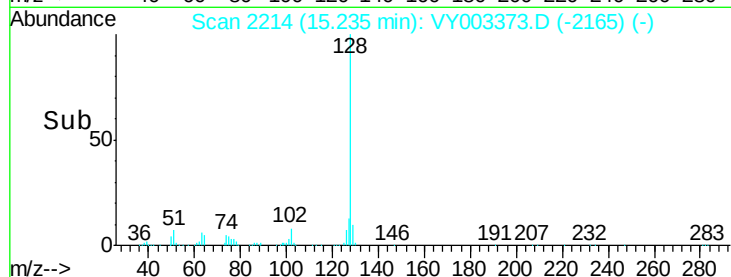
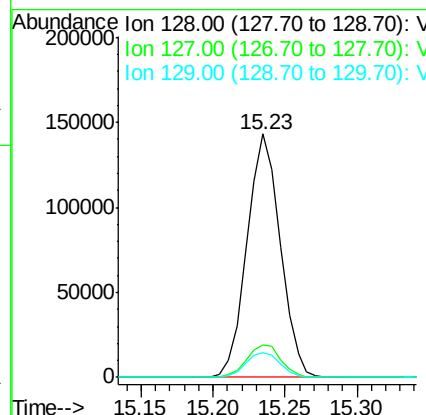
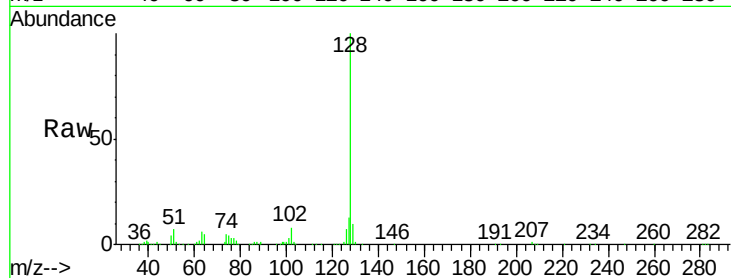
#95
Naphthalene
Concen: 21.697 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VY003373.D
Acq: 28 Jul 2020 14:15

Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	228879		
127	13.9	10.9	16.3	
129	10.6	9.0	13.6	

Manual Integrations
APPROVED

MMDadoda
7/29/2020 7:07:25 PM



#96
1,2,3-Trichlorobenzene
Concen: 22.492 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. 0.00 min
Lab File: VY003373.D
Acq: 28 Jul 2020 14:15

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	113487		
182	95.3	48.8	146.3	
145	29.7	14.9	44.5	

