

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY072820\
 Data File : VY003370.D
 Acq On : 28 Jul 2020 12:42
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 7/29/2020 7:07:22 PM

Quant Time: Jul 29 02:55:11 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	480187	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	701077	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	635164	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	337089	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	190559	47.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.04%	
35) Dibromofluoromethane	7.72	113	187781	46.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.08%	
50) Toluene-d8	10.18	98	689869	45.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.98%	
62) 4-Bromofluorobenzene	12.48	95	248460	45.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.70%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.91	85	137713	40.014	ug/l	98
3) Chloromethane	2.12	50	211957	44.400	ug/l	97
4) Vinyl Chloride	2.26	62	227340	46.414	ug/l	98
5) Bromomethane	2.65	94	168186	46.229	ug/l	94
6) Chloroethane	2.80	64	149236	46.389	ug/l	100
7) Trichlorofluoromethane	3.13	101	337622	48.267	ug/l	98
8) Diethyl Ether	3.53	74	112321	47.920	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	3.90	101	208086	49.256	ug/l	99
10) Methyl Iodide	4.10	142	226770	49.408	ug/l	99
11) Tert butyl alcohol	4.96	59	99830	227.791	ug/l	98
12) 1,1-Dichloroethene	3.88	96	193162	48.341	ug/l	96
13) Acrolein	3.74	56	69750	183.364	ug/l	100
14) Allyl chloride	4.49	41	325885	54.964	ug/l	96
15) Acrylonitrile	5.17	53	287387	255.241	ug/l	99
16) Acetone	3.95	43	244910	270.527	ug/l	100
17) Carbon Disulfide	4.20	76	551832	45.006	ug/l	98
18) Methyl Acetate	4.48	43	131727	52.394	ug/l	96
19) Methyl tert-butyl Ether	5.22	73	547314	48.877	ug/l	99
20) Methylene Chloride	4.72	84	235172	51.831	ug/l	98
21) trans-1,2-Dichloroethene	5.23	96	221090	48.919	ug/l	99
22) Diisopropyl ether	6.13	45	714721	54.315	ug/l	94
23) Vinyl Acetate	6.07	43	2262697	257.984	ug/l	98
24) 1,1-Dichloroethane	6.02	63	402309	52.772	ug/l	98
25) 2-Butanone	6.99	43	375171	252.397	ug/l	99
26) 2,2-Dichloropropane	6.99	77	372494	54.255	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	256558	51.559	ug/l	98
28) Bromochloromethane	7.34	49	174759	52.947	ug/l	97
29) Tetrahydrofuran	7.35	42	240379	240.726	ug/l	95
30) Chloroform	7.51	83	409427	52.144	ug/l	98
31) Cyclohexane	7.78	56	360717	48.932	ug/l	93
32) 1,1,1-Trichloroethane	7.71	97	371907	52.614	ug/l	99
36) 1,1-Dichloropropene	7.92	75	321371	50.577	ug/l	99
37) Ethyl Acetate	7.08	43	165890	48.479	ug/l	98
38) Carbon Tetrachloride	7.90	117	337944	51.519	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.18	83	387882	48.594	ug/l	94
40) Benzene	8.16	78	897621	51.305	ug/l	98
41) Methacrylonitrile	7.33	41	116899m	56.723	ug/l	
42) 1,2-Dichloroethane	8.24	62	266724	49.519	ug/l	100
43) Isopropyl Acetate	8.27	43	318140	48.032	ug/l	99
44) Trichloroethene	8.94	130	257379	47.988	ug/l	97
45) 1,2-Dichloropropane	9.22	63	235393	51.996	ug/l	99
46) Dibromomethane	9.30	93	127940	48.386	ug/l	99
47) Bromodichloromethane	9.50	83	326524	51.923	ug/l	99
48) Methyl methacrylate	9.29	41	145317	49.076	ug/l	94
49) 1,4-Dioxane	9.30	88	32719	974.988	ug/l	97
51) 4-Methyl-2-Pentanone	10.07	43	825338	239.737	ug/l	99
52) Toluene	10.24	92	567538	50.751	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	334897	51.399	ug/l	98
54) cis-1,3-Dichloropropene	9.93	75	381530	50.822	ug/l	96
55) 1,1,2-Trichloroethane	10.64	97	180823	48.260	ug/l	98
56) Ethyl methacrylate	10.51	69	246046	48.301	ug/l	96
57) 1,3-Dichloropropane	10.79	76	313616	49.365	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	651797	250.892	ug/l	98
59) 2-Hexanone	10.83	43	580246	241.443	ug/l	98
60) Dibromochloromethane	10.99	129	233998	49.654	ug/l	99
61) 1,2-Dibromoethane	11.09	107	174992	47.321	ug/l	99
64) Tetrachloroethene	10.72	164	253702	44.797	ug/l	98
65) Chlorobenzene	11.52	112	623238	50.934	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.59	131	241689	50.856	ug/l	99
67) Ethyl Benzene	11.59	91	1143300	52.331	ug/l	98
68) m/p-Xylenes	11.70	106	857275	103.416	ug/l	100
69) o-Xylene	12.03	106	405624	52.377	ug/l	100
70) Styrene	12.04	104	695199	52.477	ug/l	100
71) Bromoform	12.20	173	151645	48.617	ug/l	99
73) Isopropylbenzene	12.33	105	1121329	52.199	ug/l	99
74) N-amyl acetate	12.14	43	297874	49.420	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	208168	50.175	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	148029m	49.611	ug/l	
77) Bromobenzene	12.61	156	277751	50.724	ug/l	99
78) n-propylbenzene	12.67	91	1334017	52.683	ug/l	100
79) 2-Chlorotoluene	12.75	91	731768	51.797	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	942818	52.660	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	77433	50.506	ug/l	93
82) 4-Chlorotoluene	12.85	91	767676	52.060	ug/l	100
83) tert-Butylbenzene	13.08	119	846373	53.575	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	941211	52.248	ug/l	99
85) sec-Butylbenzene	13.25	105	1173737	54.057	ug/l	100
86) p-Isopropyltoluene	13.37	119	1076500	53.098	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	535656	51.730	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	524899	51.200	ug/l	100
89) n-Butylbenzene	13.70	91	1035876	54.320	ug/l	99
90) Hexachloroethane	13.96	117	209825	56.832	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	471022	51.834	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	32156	47.807	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	337363	52.186	ug/l	99
94) Hexachlorobutadiene	15.11	225	227836	51.434	ug/l	100
95) Naphthalene	15.23	128	545614	51.069	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	269866	52.809	ug/l	98

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

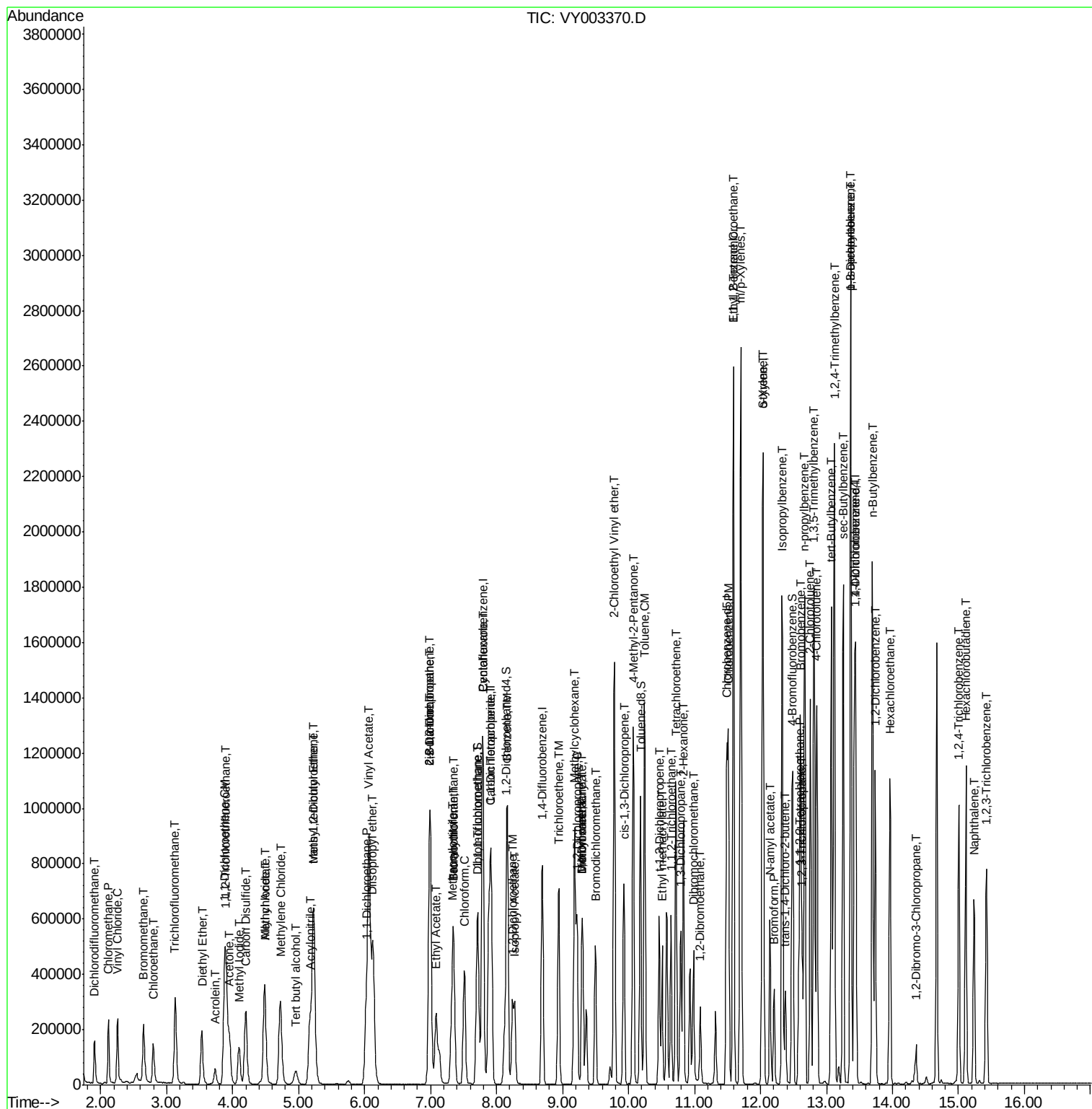
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_Y\DATA\VY072820\
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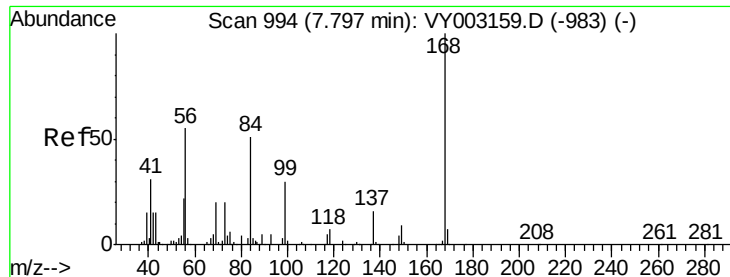
Instrument :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY003370.D

Acq: 28 Jul 2020 12:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 168 Resp: 480187

Ion Ratio Lower Upper

168 100

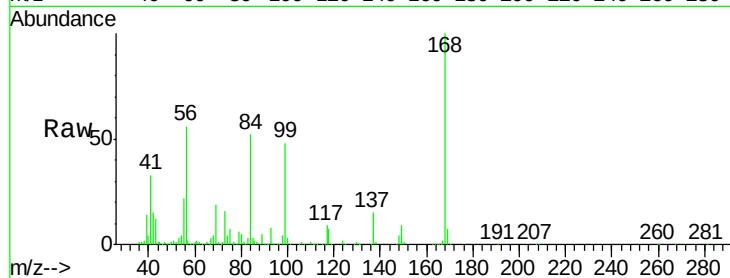
99 48.2 37.3 55.9

Manual Integrations

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7/29/2020 7:07:22 PM



Abundance Ion 167.90 (167.60 to 168.60): VY003370.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY003370.D (-945) (-)

7.80

250000

200000

150000

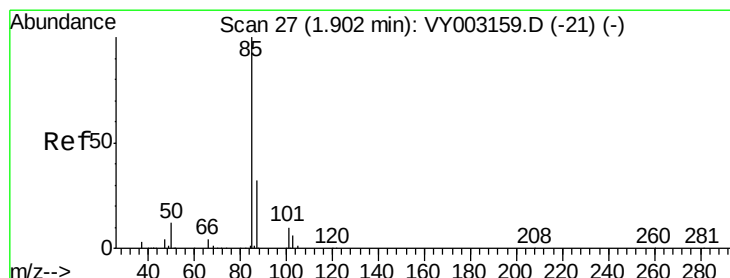
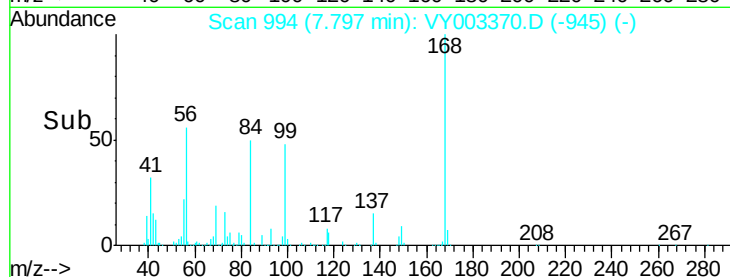
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 40.014 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.01 min

Lab File: VY003370.D

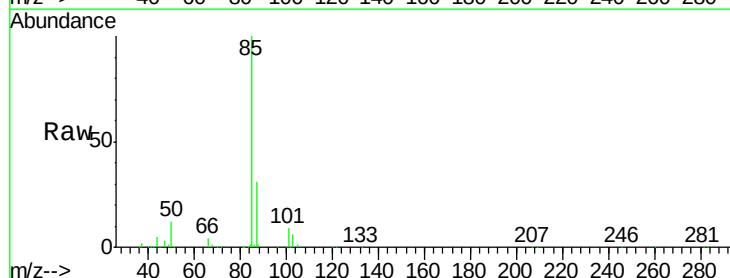
Acq: 28 Jul 2020 12:42

Tgt Ion: 85 Resp: 137713

Ion Ratio Lower Upper

85 100

87 30.8 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VY003370.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY003370.D (-1) (-)

1.91

100000

80000

60000

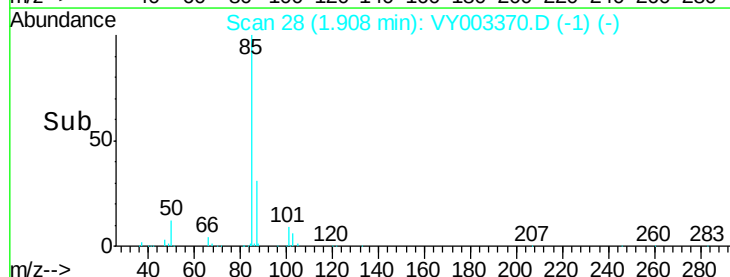
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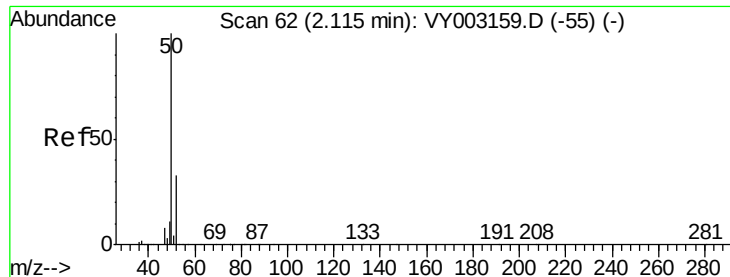
20000

0

1.80 1.90 2.00 2.10

Time-->





#3

Chloromethane

Concen: 44.400 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY003370.D

Acq: 28 Jul 2020 12:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 50 Resp: 211957

Ion Ratio Lower Upper

50 100

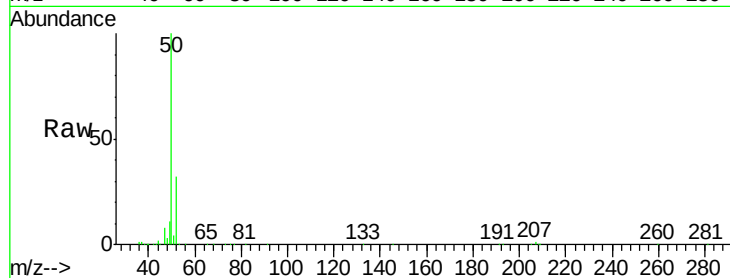
52 31.5 26.6 39.8

Manual Integrations

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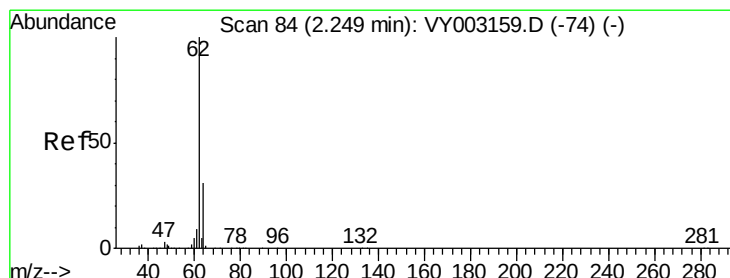
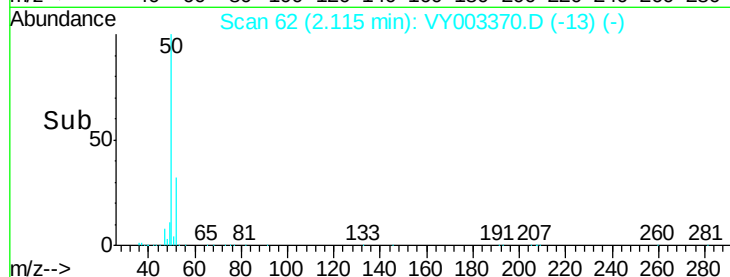
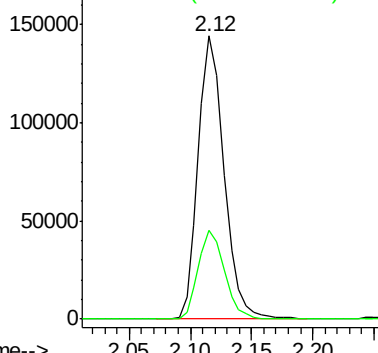
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Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 46.414 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.01 min

Lab File: VY003370.D

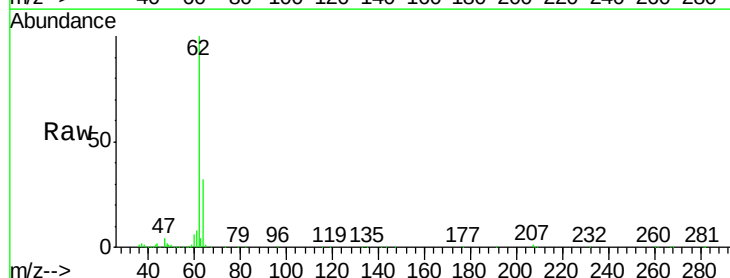
Acq: 28 Jul 2020 12:42

Tgt Ion: 62 Resp: 227340

Ion Ratio Lower Upper

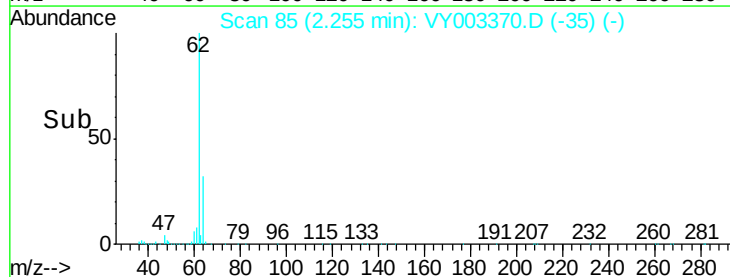
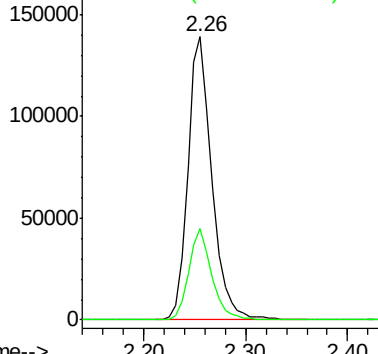
62 100

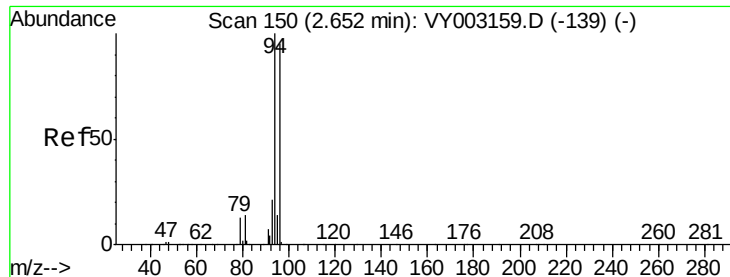
64 32.1 24.6 37.0



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 46.229 ug/l

RT: 2.65 min Scan# 150

Delta R.T. 0.00 min

Lab File: VY003370.D

Acq: 28 Jul 2020 12:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 94 Resp: 168186

Ion Ratio Lower Upper

94 100

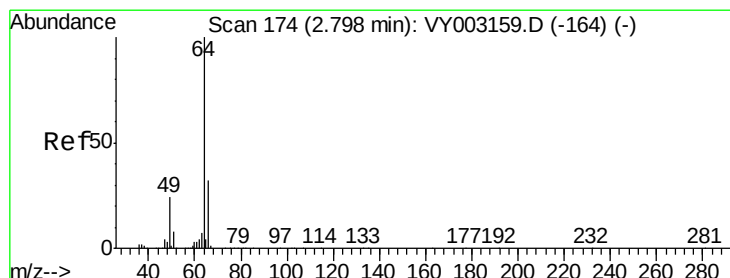
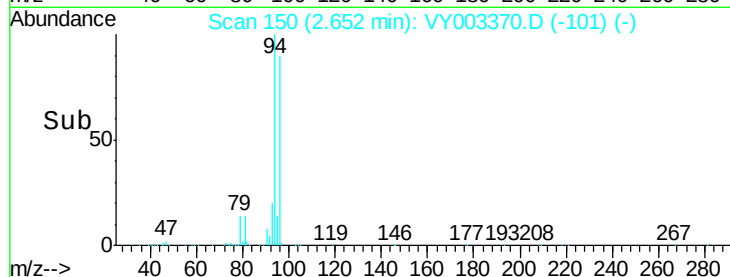
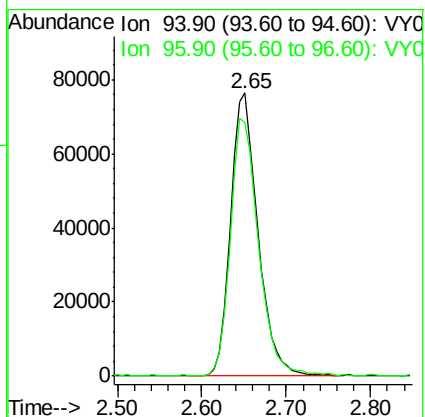
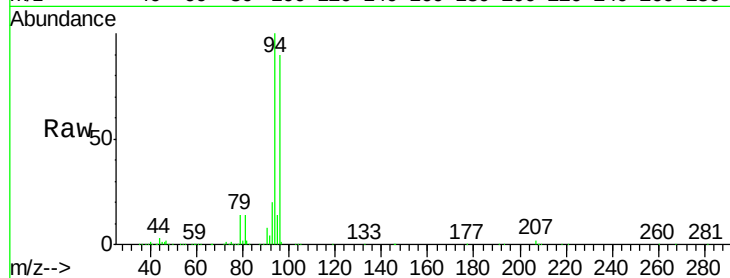
96 89.6 76.0 114.0

Manual Integrations

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#6

Chloroethane

Concen: 46.389 ug/l

RT: 2.80 min Scan# 174

Delta R.T. 0.00 min

Lab File: VY003370.D

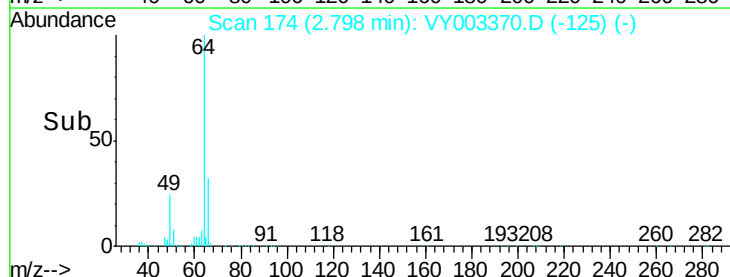
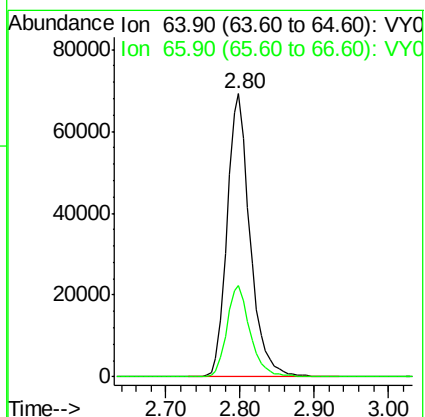
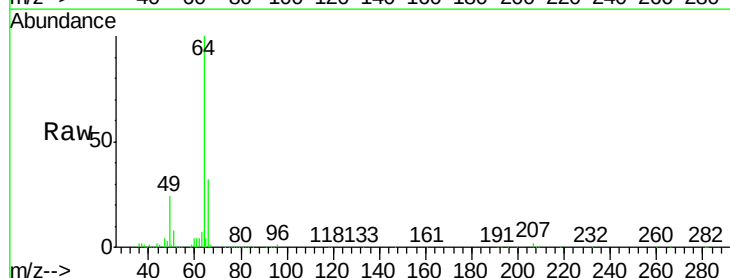
Acq: 28 Jul 2020 12:42

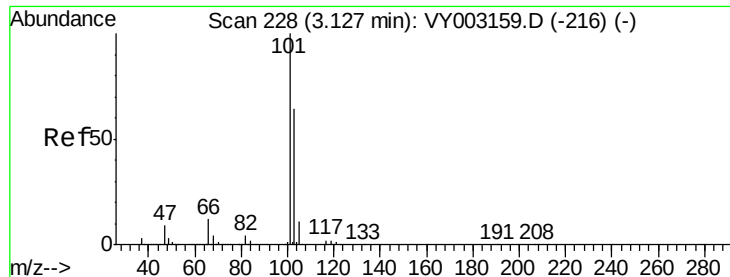
Tgt Ion: 64 Resp: 149236

Ion Ratio Lower Upper

64 100

66 32.3 26.0 39.0





#7

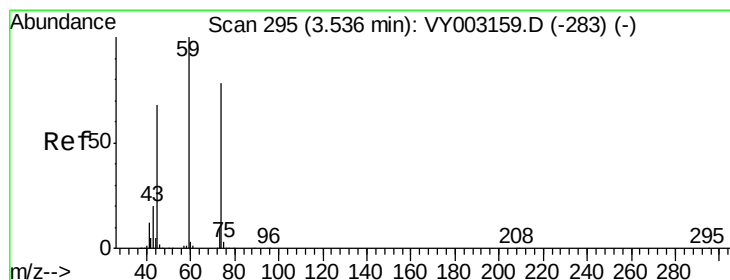
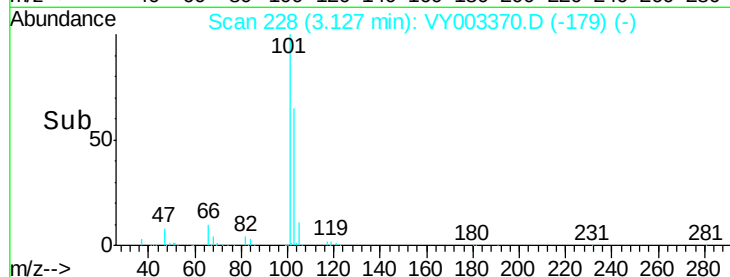
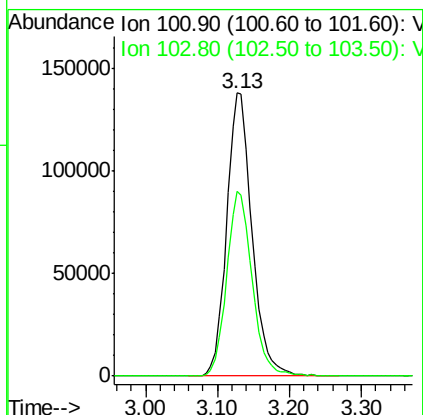
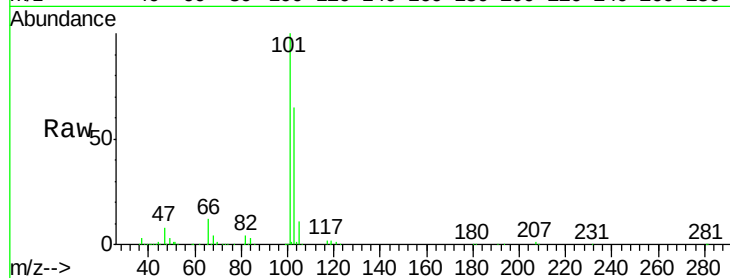
Trichlorofluoromethane
Concen: 48.267 ug/l
RT: 3.13 min Scan# 228
Delta R.T. 0.00 min
Lab File: VY003370.D
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Instrument :
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Tgt Ion	Ratio	Resp	Lower	Upper
101	100	337622		
103	65.5	51.3	76.9	

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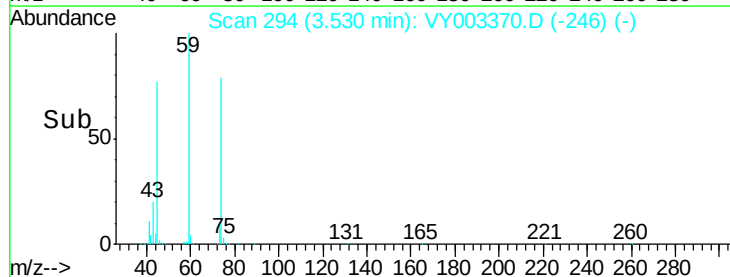
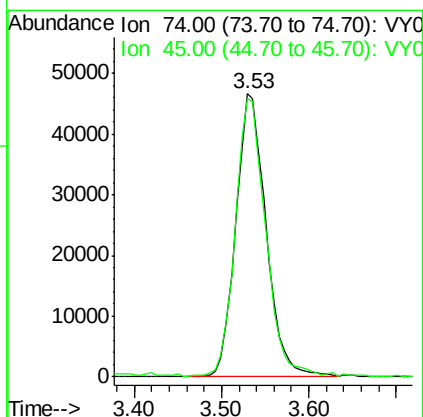
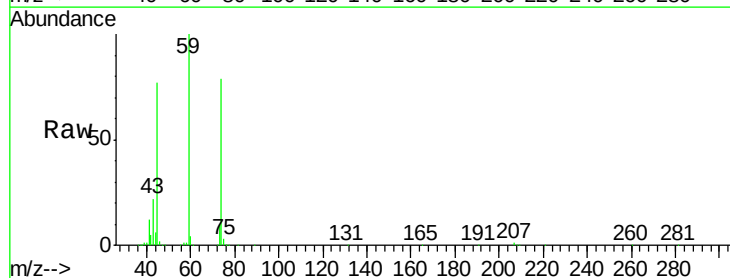
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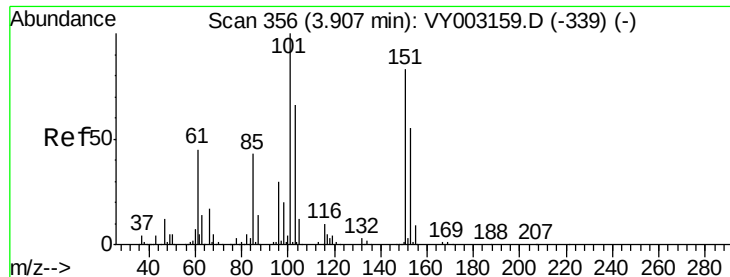


#8

Diethyl Ether
Concen: 47.920 ug/l
RT: 3.53 min Scan# 294
Delta R.T. -0.01 min
Lab File: VY003370.D
Acq: 28 Jul 2020 12:42

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	112321		
45	98.6	45.3	135.8	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.256 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.01 min

Lab File: VY003370.D

Acq: 28 Jul 2020 12:42

Instrument :

MSVOA_Y

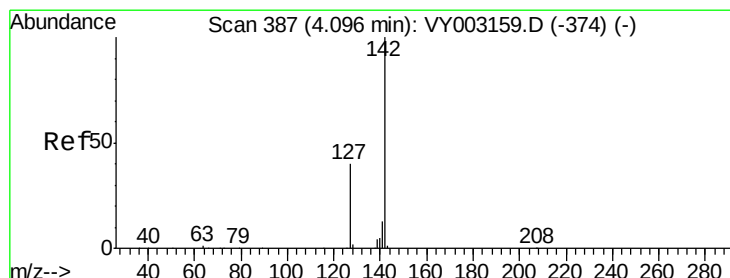
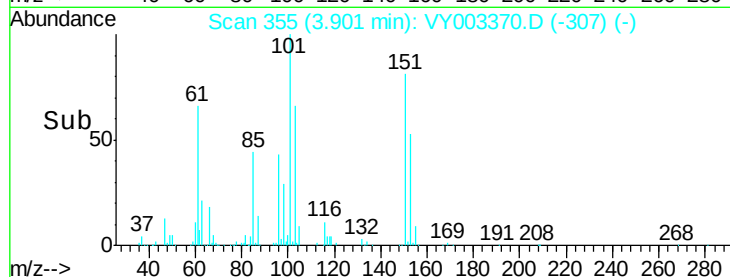
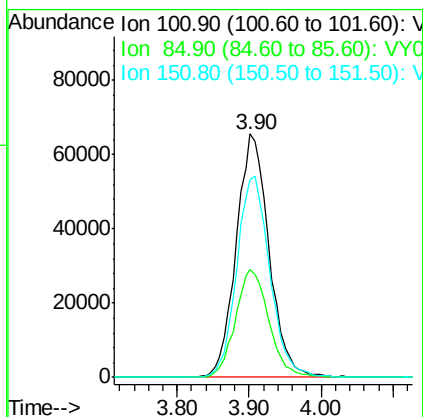
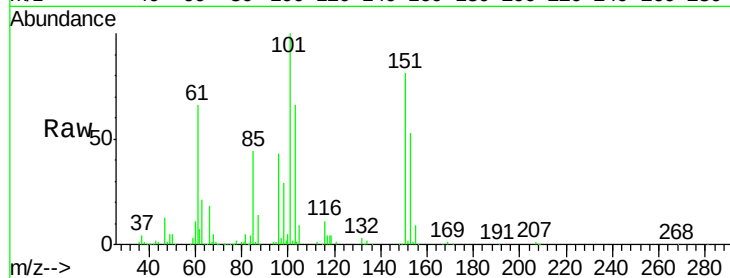
ClientSampleId :

VSTDCCC050

Tgt Ion:	101	Resp:	208086
Ion Ratio	Lower	Upper	
101	100		
85	45.0	34.9	52.3
151	83.4	67.0	100.6

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#10

Methyl Iodide

Concen: 49.408 ug/l

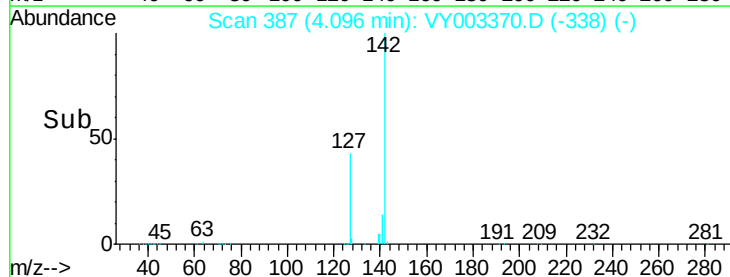
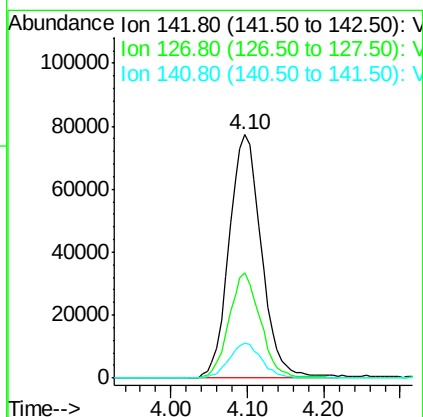
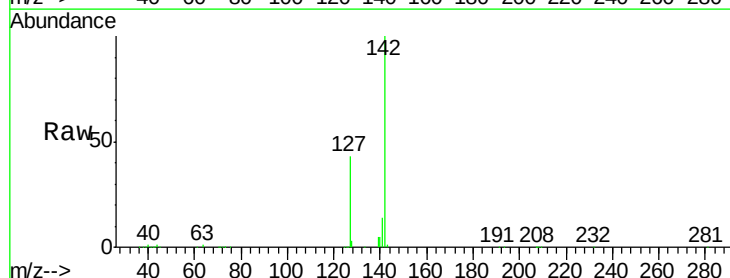
RT: 4.10 min Scan# 387

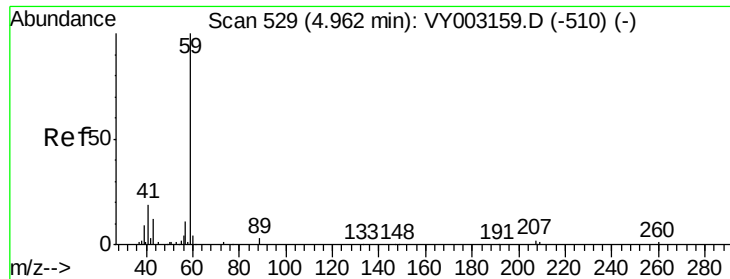
Delta R.T. 0.00 min

Lab File: VY003370.D

Acq: 28 Jul 2020 12:42

Tgt Ion:	142	Resp:	226770
Ion Ratio	Lower	Upper	
142	100		
127	42.2	33.5	50.3
141	14.4	11.2	16.8





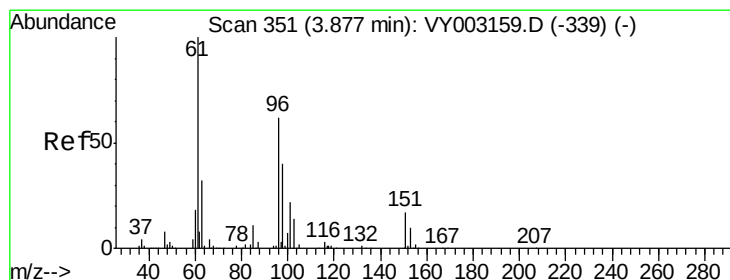
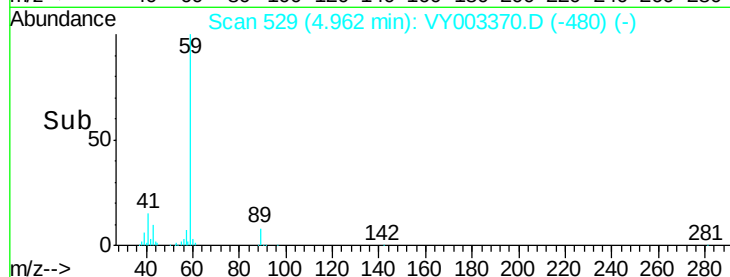
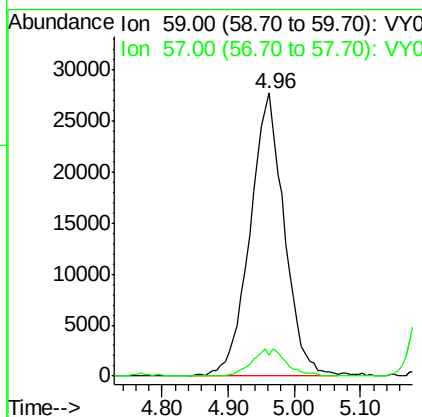
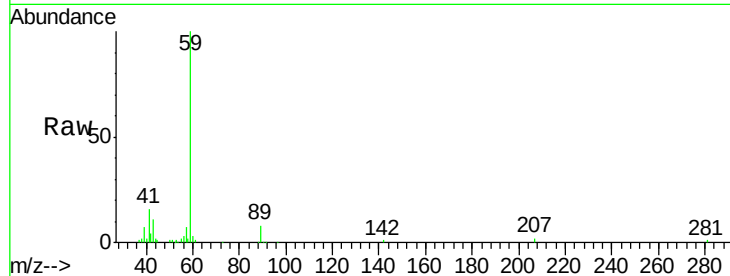
#11
Tert butyl alcohol
Concen: 227.791 ug/l
RT: 4.96 min Scan# 529
Delta R.T. 0.00 min
Lab File: VY003370.D
Acq: 28 Jul 2020 12:42

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
59	100	99830		
57	9.6		8.4	12.6

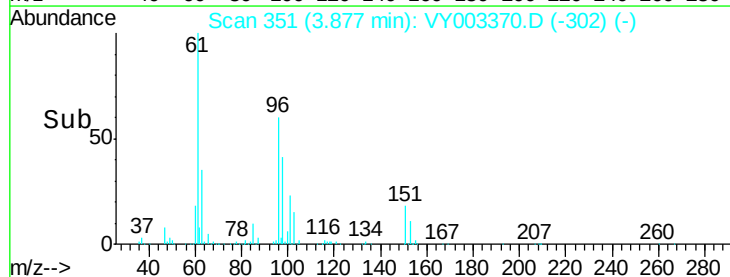
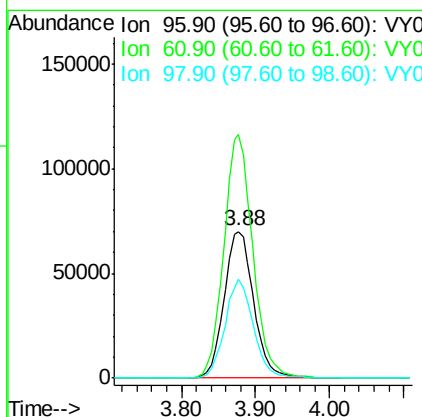
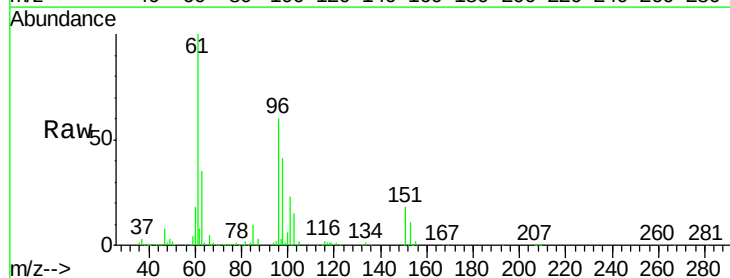
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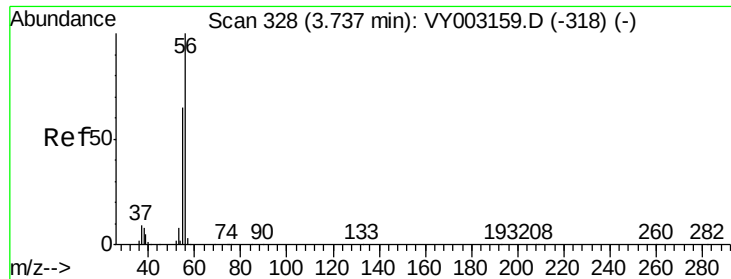
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#12
1,1-Dichloroethene
Concen: 48.341 ug/l
RT: 3.88 min Scan# 351
Delta R.T. 0.00 min
Lab File: VY003370.D
Acq: 28 Jul 2020 12:42

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	193162		
61	166.4		128.6	193.0
98	67.6		51.6	77.4





#13

Acrolein

Concen: 183.364 ug/l

RT: 3.74 min Scan# 328

Delta R.T. 0.00 min

Lab File: VY003370.D

Acq: 28 Jul 2020 12:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 69750

Ion Ratio Lower Upper

56 100

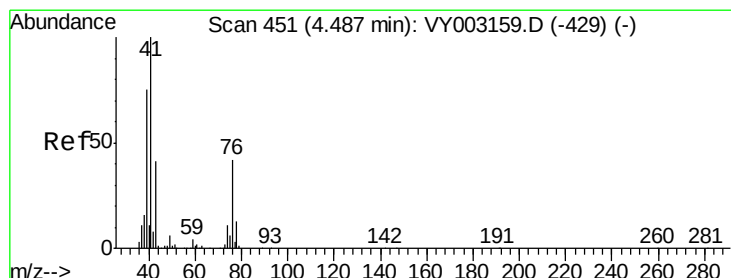
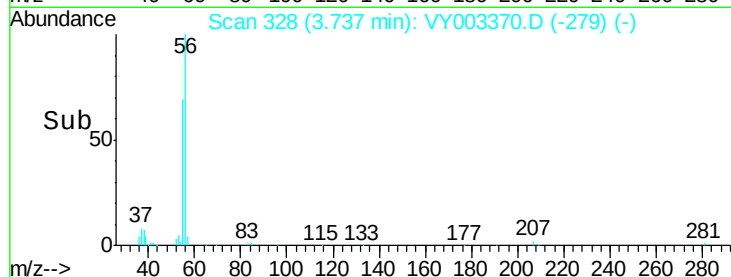
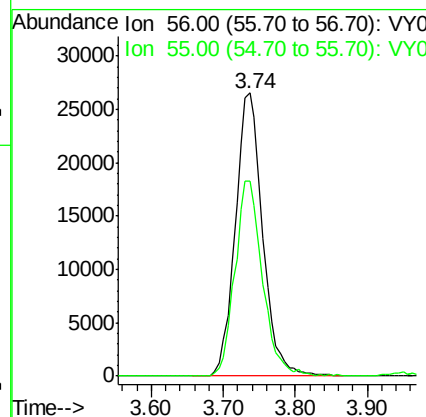
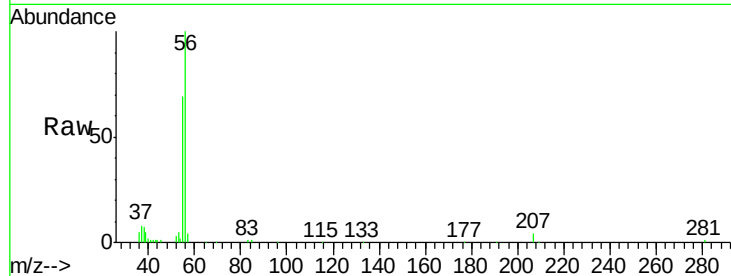
55 69.7 56.0 84.0

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#14

Allyl chloride

Concen: 54.964 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.00 min

Lab File: VY003370.D

Acq: 28 Jul 2020 12:42

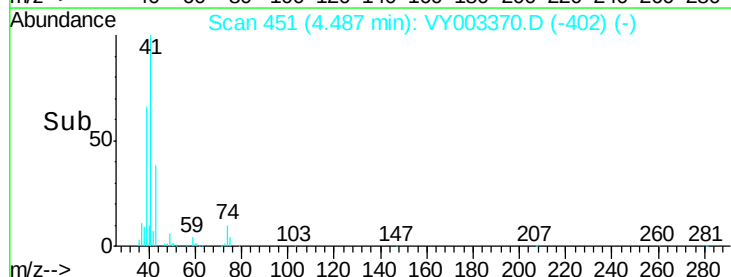
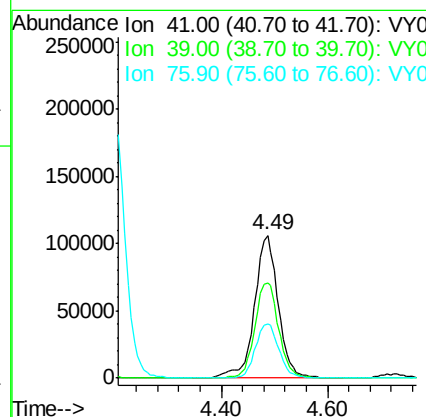
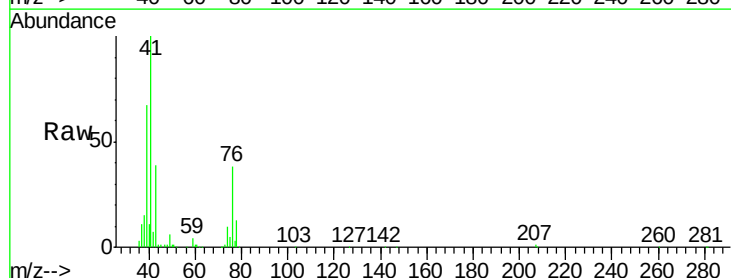
Tgt Ion: 41 Resp: 325885

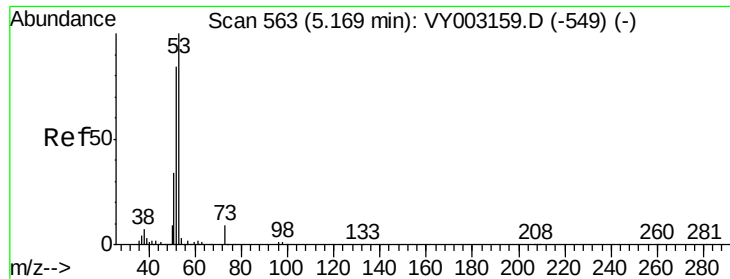
Ion Ratio Lower Upper

41 100

39 67.0 56.6 85.0

76 37.5 31.6 47.4





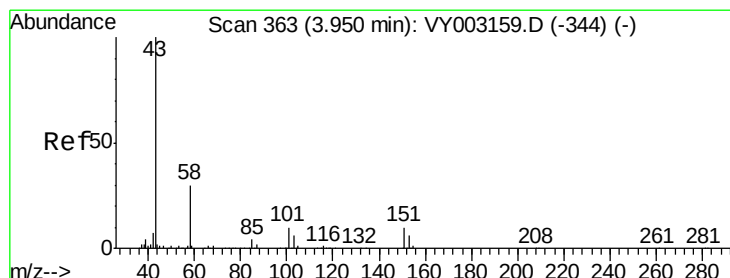
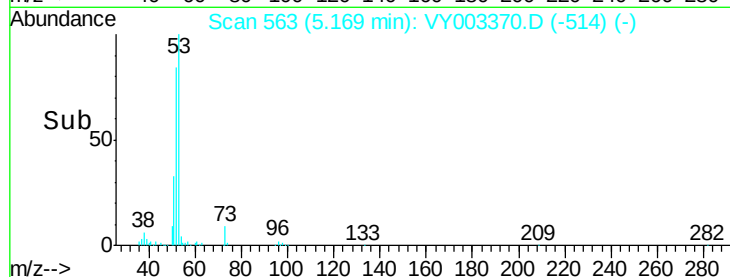
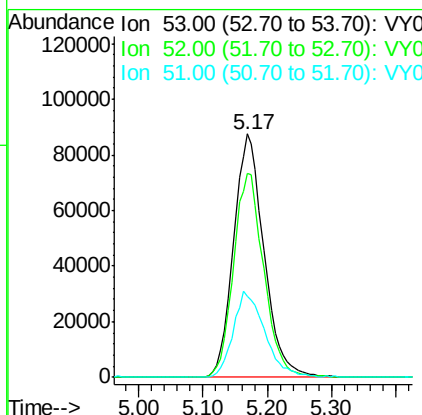
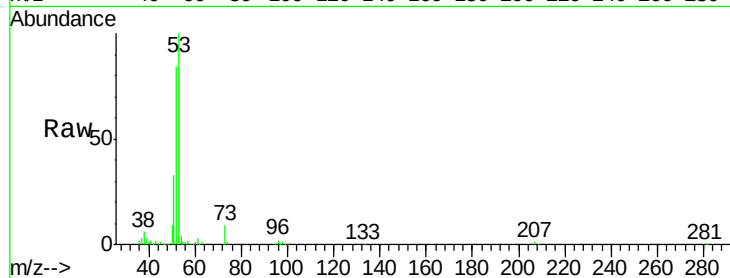
#15
 Acrylonitrile
 Concen: 255.241 ug/l
 RT: 5.17 min Scan# 563
 Delta R.T. 0.00 min
 Lab File: VY003370.D
 Acq: 28 Jul 2020 12:42

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
53	100		
52	83.3	65.8	98.6
51	36.5	29.0	43.4

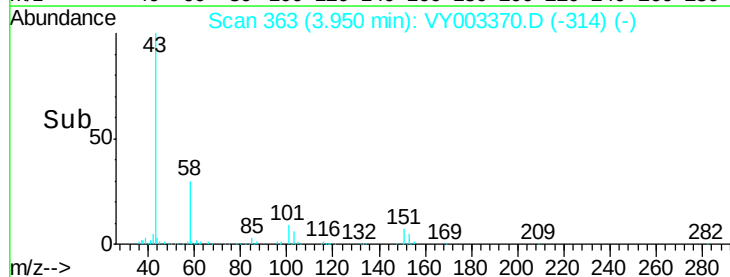
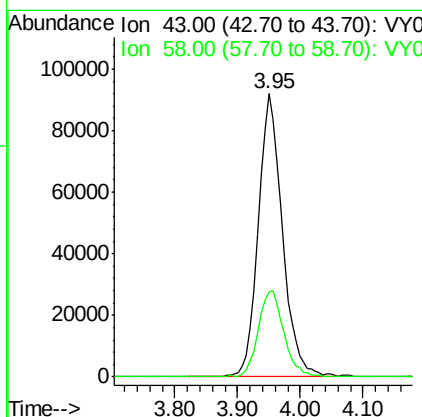
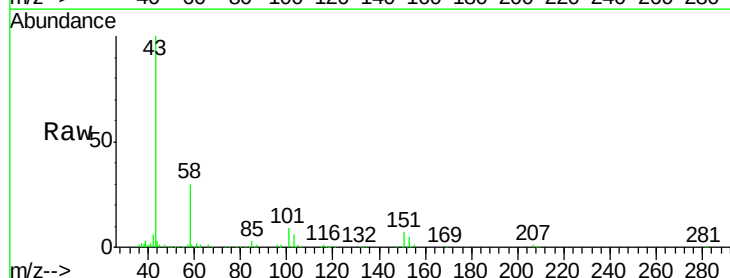
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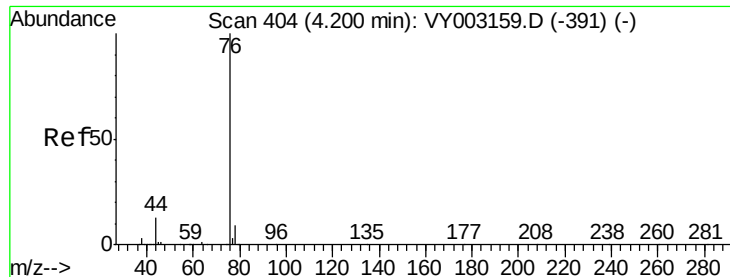
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#16
 Acetone
 Concen: 270.527 ug/l
 RT: 3.95 min Scan# 363
 Delta R.T. 0.00 min
 Lab File: VY003370.D
 Acq: 28 Jul 2020 12:42

Tgt Ion	Ratio	Lower	Upper
43	100		
58	29.8	23.8	35.6





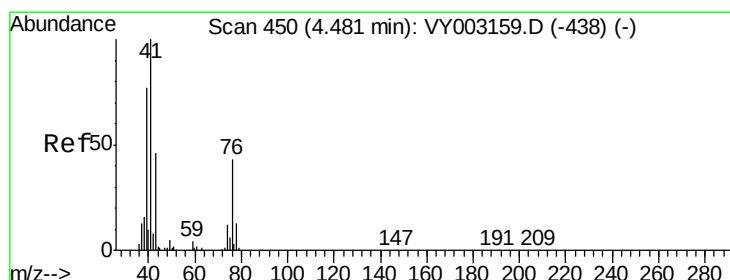
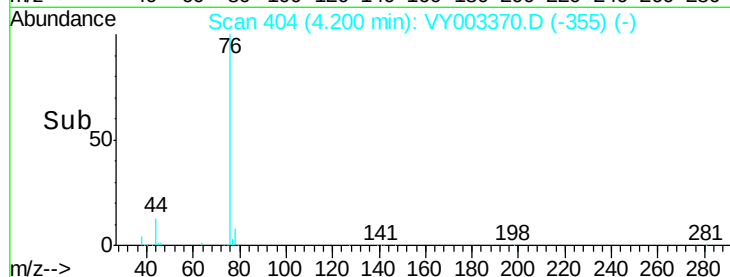
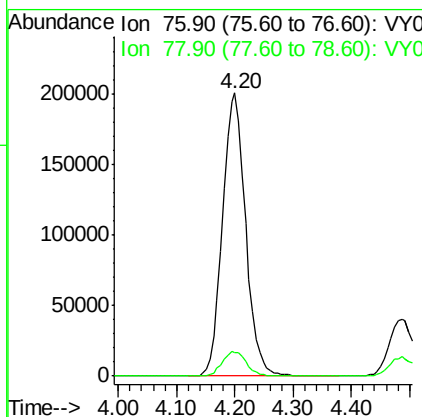
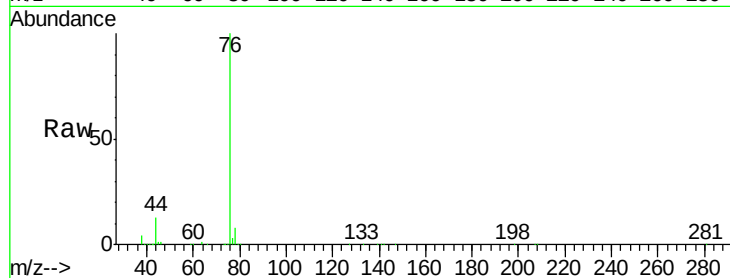
#17
Carbon Disulfide
Concen: 45.006 ug/l
RT: 4.20 min Scan# 404
Delta R.T. 0.00 min
Lab File: VY003370.D
Acq: 28 Jul 2020 12:42

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
76	100		
78	8.4	7.3	10.9

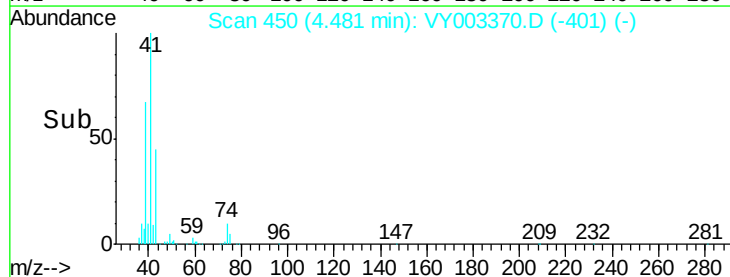
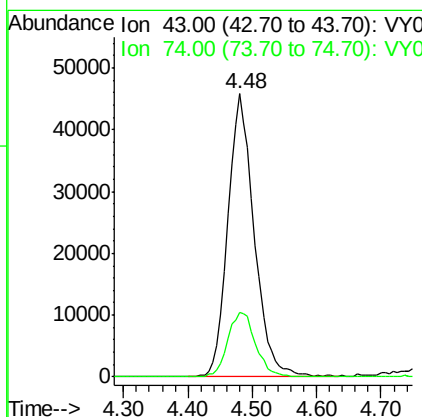
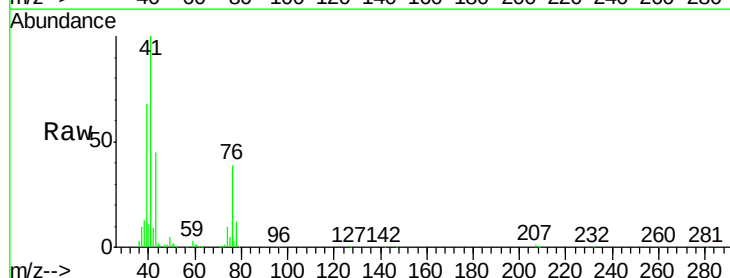
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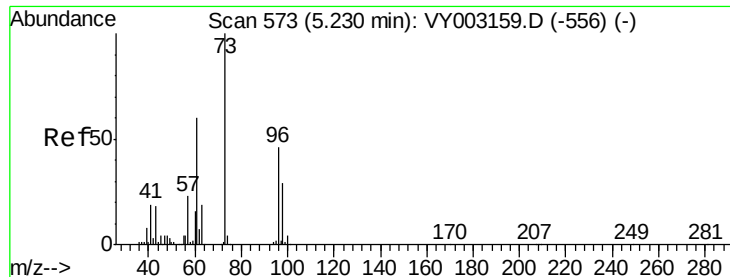
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#18
Methyl Acetate
Concen: 52.394 ug/l
RT: 4.48 min Scan# 450
Delta R.T. 0.00 min
Lab File: VY003370.D
Acq: 28 Jul 2020 12:42

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.1	20.8	31.2





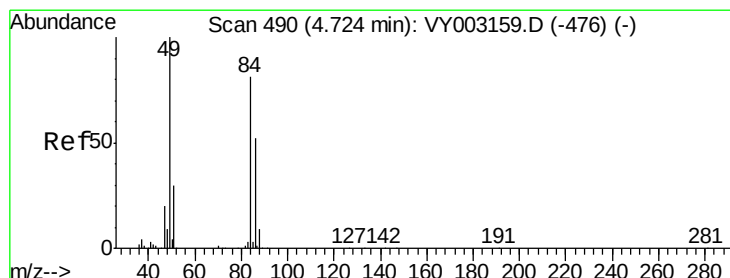
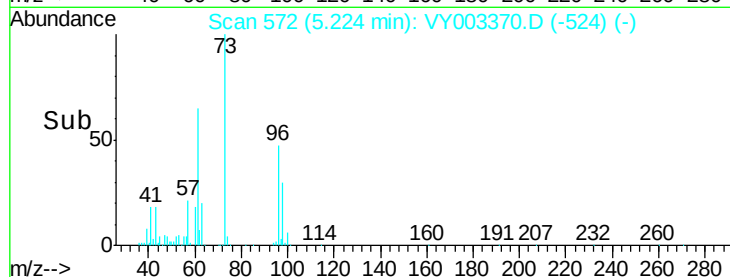
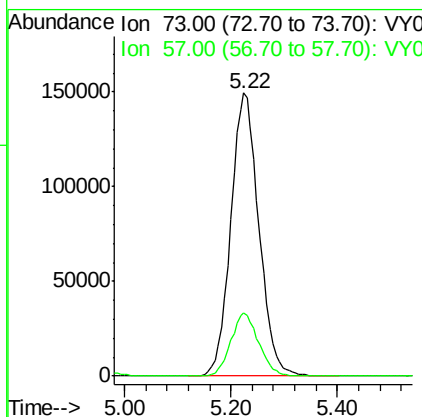
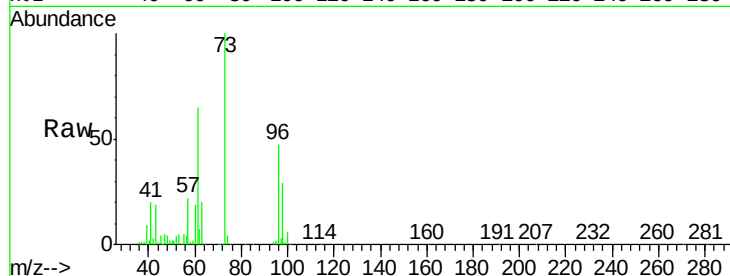
#19
Methyl tert-butyl Ether
Concen: 48.877 ug/l
RT: 5.22 min Scan# 572
Delta R.T. -0.01 min
Lab File: VY003370.D
Acq: 28 Jul 2020 12:42

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 547314
Ion Ratio Lower Upper
73 100
57 22.3 18.1 27.1

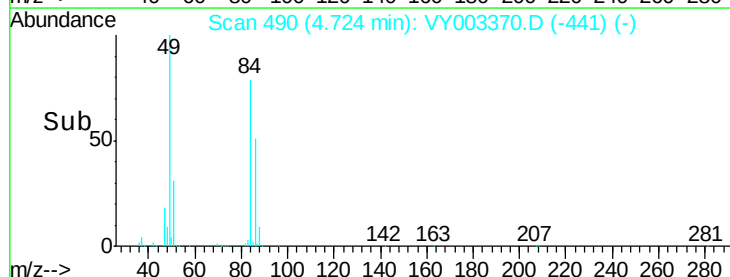
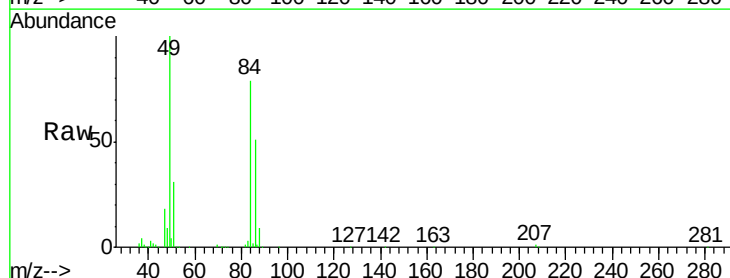
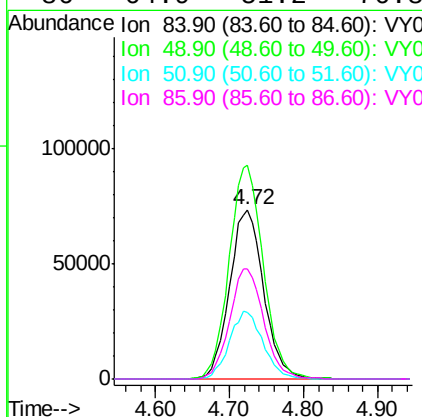
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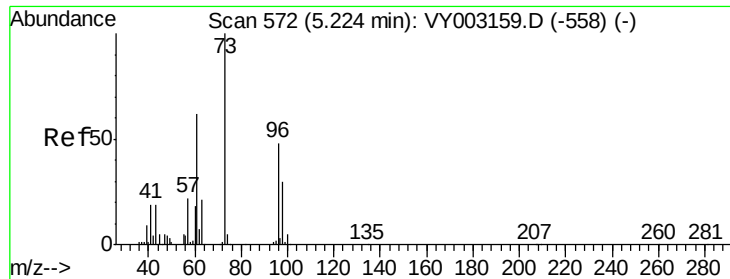
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#20
Methylene Chloride
Concen: 51.831 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY003370.D
Acq: 28 Jul 2020 12:42

Tgt Ion: 84 Resp: 235172
Ion Ratio Lower Upper
84 100
49 125.9 98.2 147.4
51 39.3 29.8 44.6
86 64.9 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 48.919 ug/l

RT: 5.23 min Scan# 573

Delta R.T. 0.01 min

Lab File: VY003370.D

Acq: 28 Jul 2020 12:42

Instrument :

MSVOA_Y

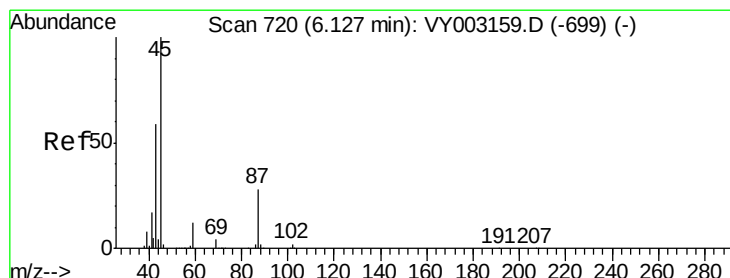
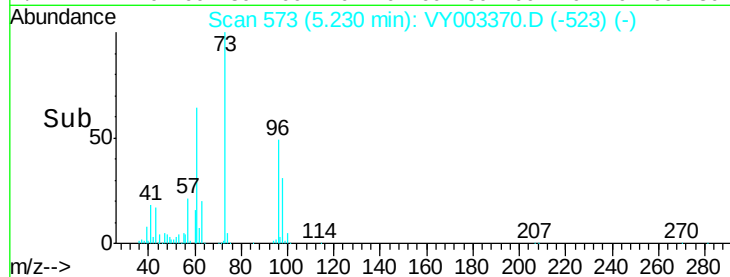
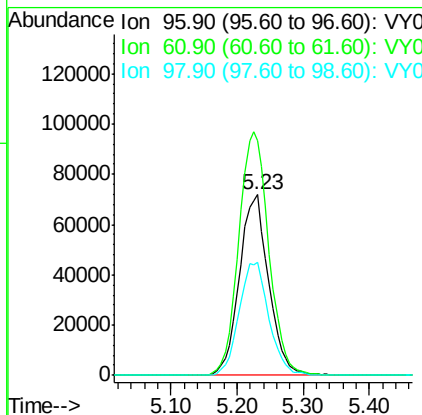
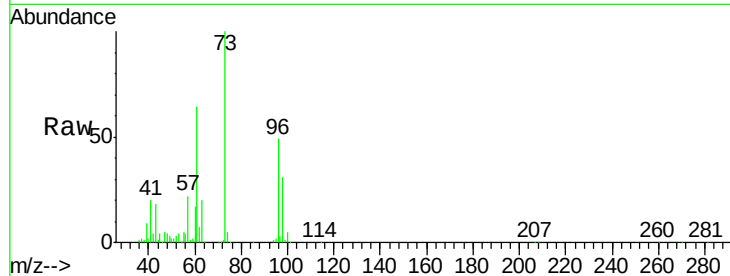
ClientSampleId :

VSTDCCC050

Tgt Ion:	96	Resp:	221090
Ion	Ratio	Lower	Upper
96	100		
61	129.9	102.5	153.7
98	62.5	49.8	74.8

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#22

Diisopropyl ether

Concen: 54.315 ug/l

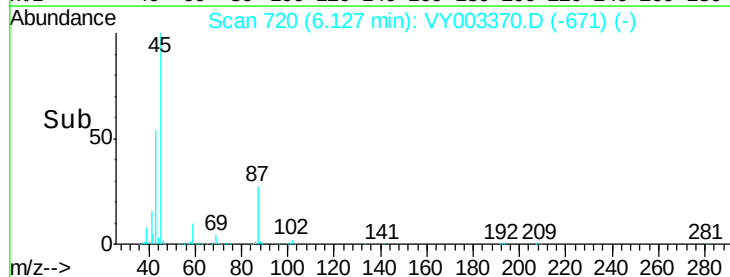
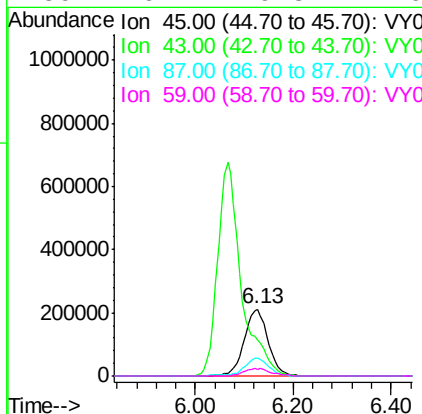
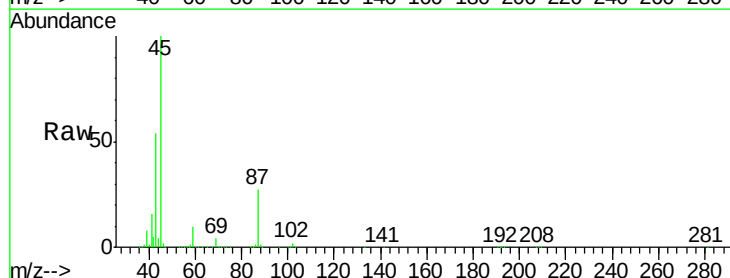
RT: 6.13 min Scan# 720

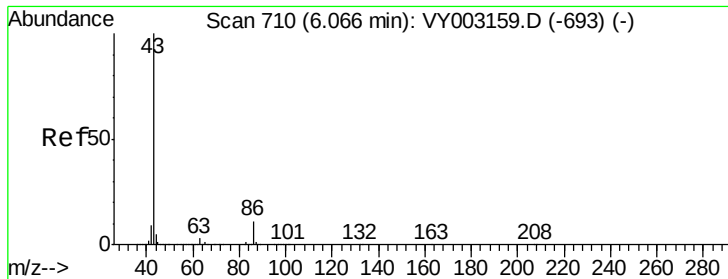
Delta R.T. 0.00 min

Lab File: VY003370.D

Acq: 28 Jul 2020 12:42

Tgt Ion:	45	Resp:	714721
Ion	Ratio	Lower	Upper
45	100		
43	53.4	47.0	70.4
87	26.8	22.6	33.8
59	10.4	9.8	14.6





#23

Vinyl Acetate

Concen: 257.984 ug/l

RT: 6.07 min Scan# 710

Delta R.T. 0.00 min

Lab File: VY003370.D

Acq: 28 Jul 2020 12:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 2262697

Ion Ratio Lower Upper

43 100

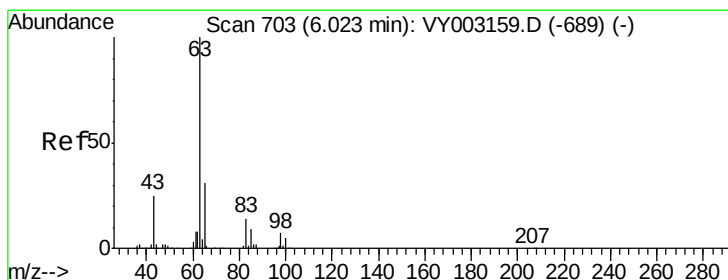
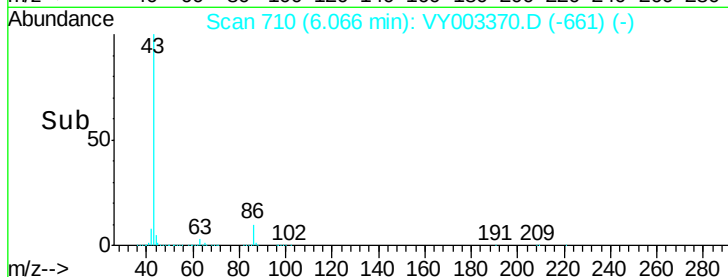
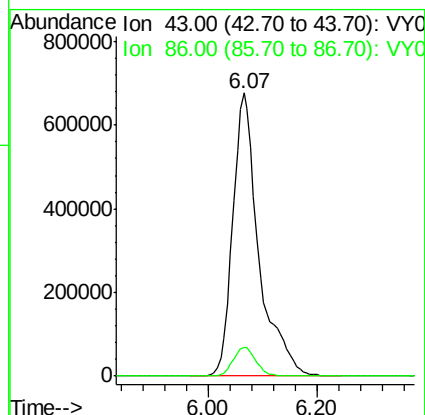
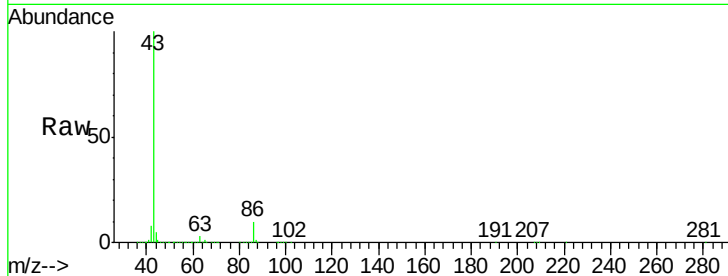
86 10.2 8.8 13.2

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#24

1,1-Dichloroethane

Concen: 52.772 ug/l

RT: 6.02 min Scan# 703

Delta R.T. 0.00 min

Lab File: VY003370.D

Acq: 28 Jul 2020 12:42

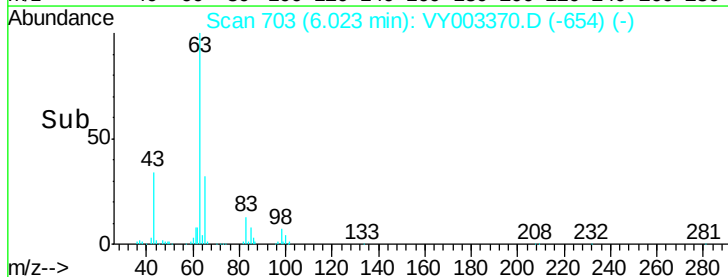
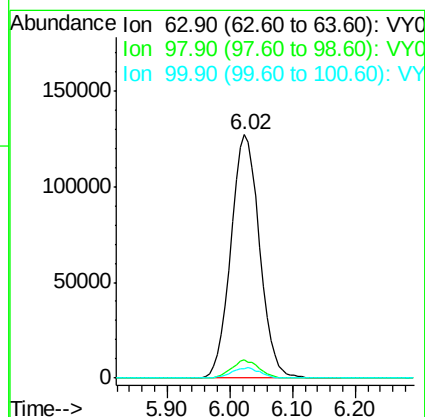
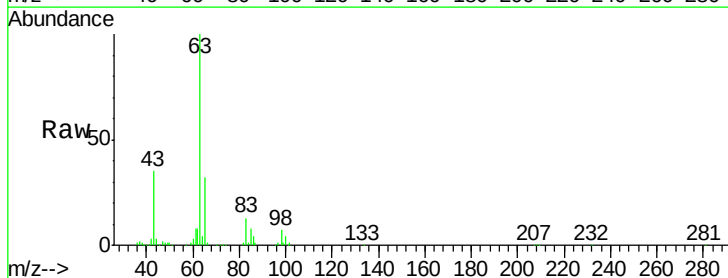
Tgt Ion: 63 Resp: 402309

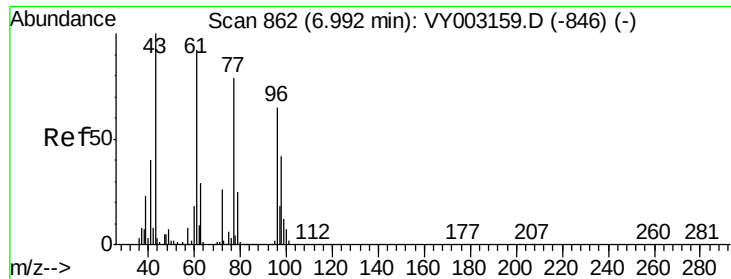
Ion Ratio Lower Upper

63 100

98 7.4 3.6 10.8

100 3.9 2.4 7.2





#25

2-Butanone

Concen: 252.397 ug/l

RT: 6.99 min Scan# 861

Delta R.T. -0.01 min

Lab File: VY003370.D

Acq: 28 Jul 2020 12:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

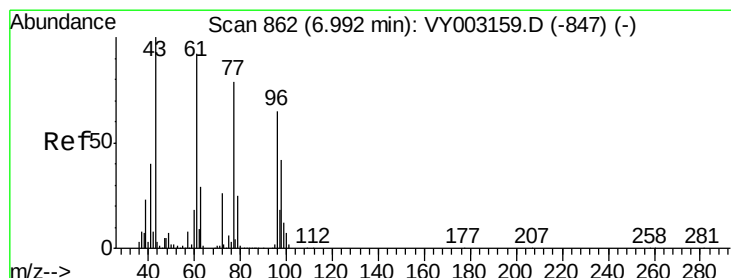
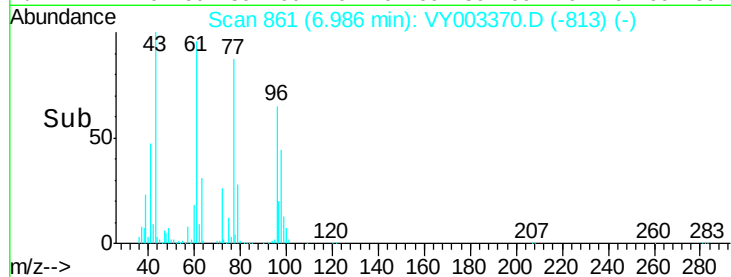
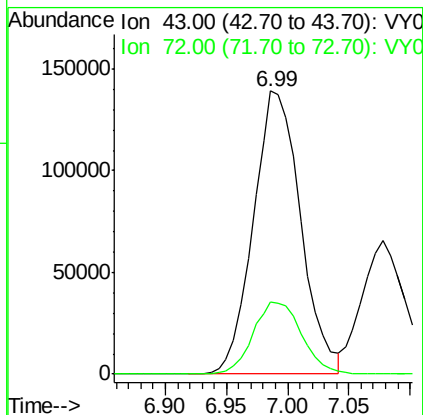
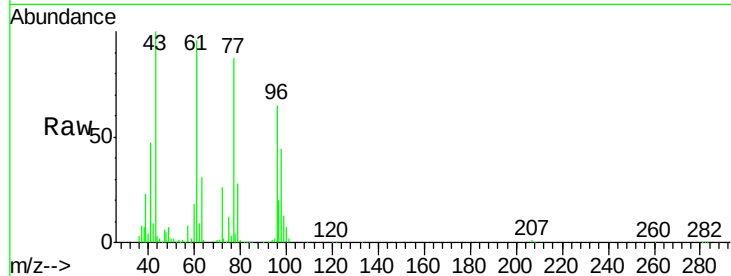
Tgt Ion: 43 Resp: 375171
Ion Ratio Lower Upper

43 100

72 25.7 20.9 31.3

Manual Integrations
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#26

2,2-Dichloropropane

Concen: 54.255 ug/l

RT: 6.99 min Scan# 861

Delta R.T. -0.01 min

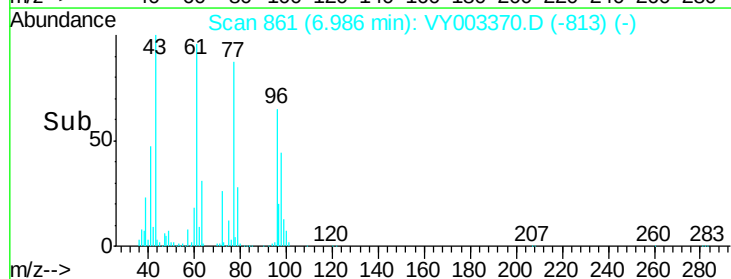
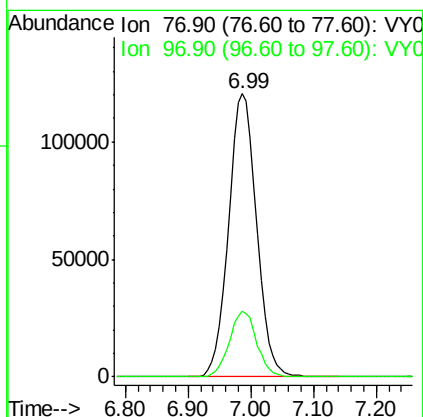
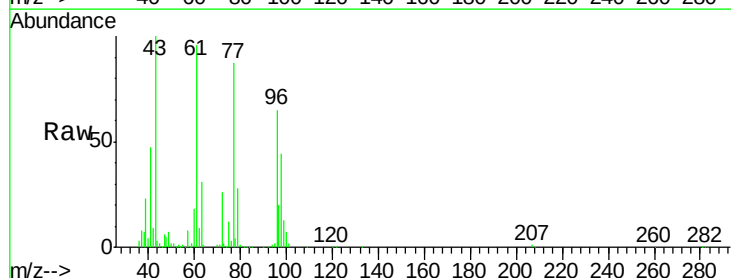
Lab File: VY003370.D

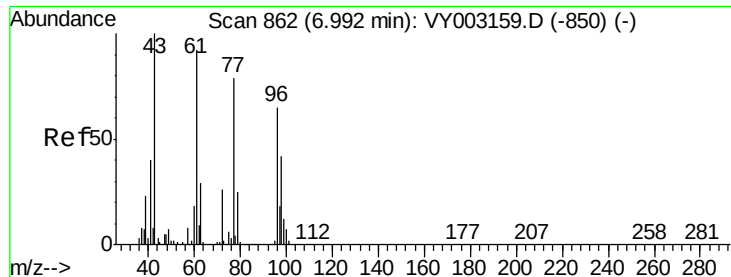
Acq: 28 Jul 2020 12:42

Tgt Ion: 77 Resp: 372494
Ion Ratio Lower Upper

77 100

97 22.6 11.6 34.7





#27

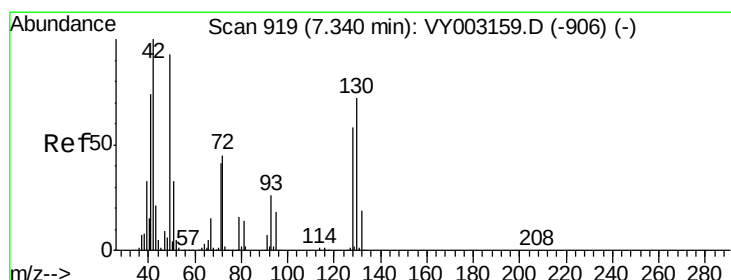
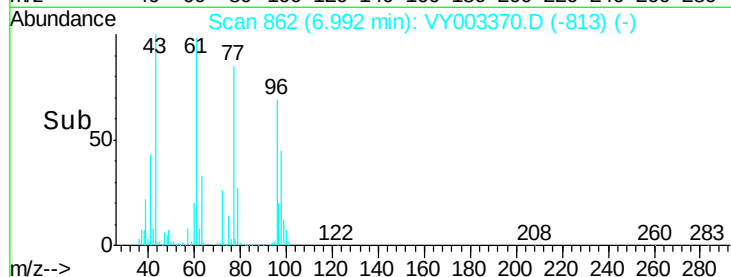
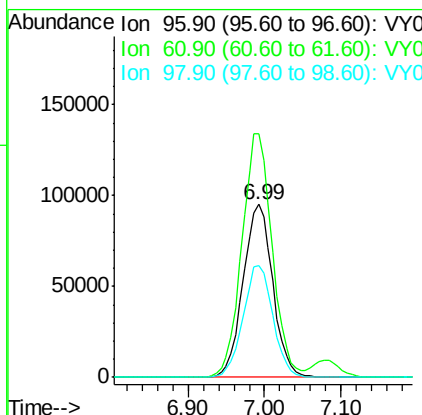
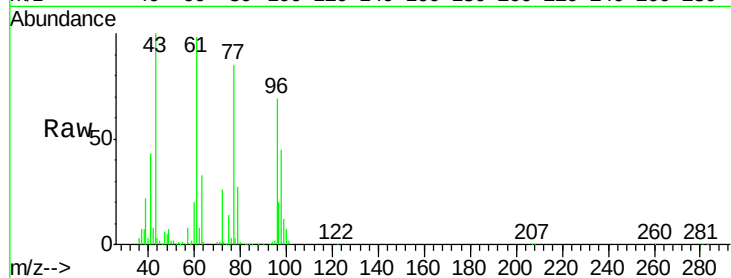
cis-1,2-Dichloroethene
Concen: 51.559 ug/l
RT: 6.99 min Scan# 862
Delta R.T. 0.00 min
Lab File: VY003370.D
Acq: 28 Jul 2020 12:42

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	256558		
61	143.3	0.0	281.2	
98	64.8	0.0	129.8	

Manual Integrations
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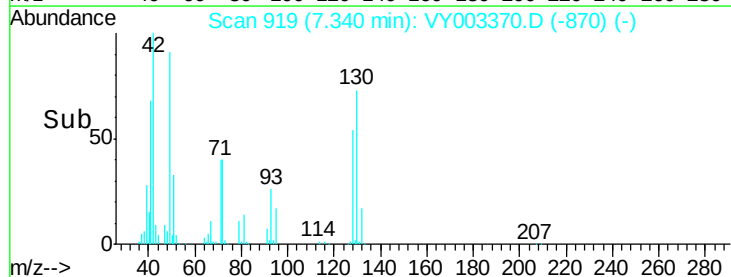
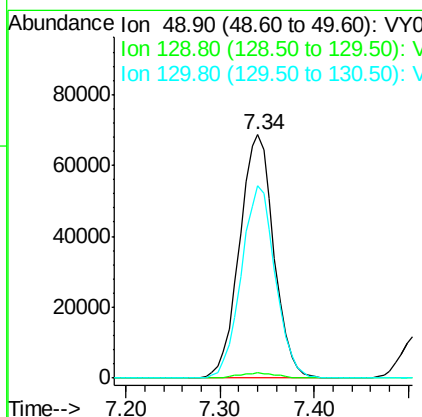
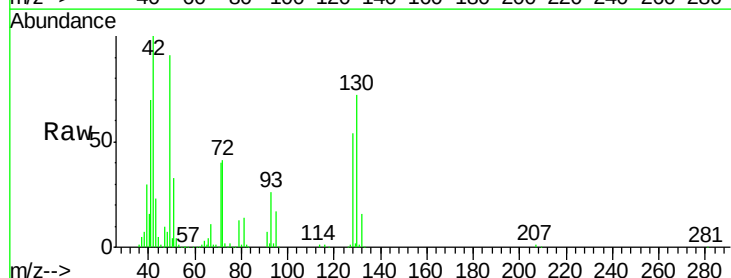
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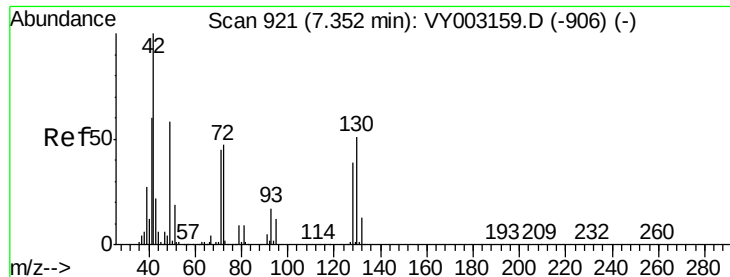


#28

Bromochloromethane
Concen: 52.947 ug/l
RT: 7.34 min Scan# 919
Delta R.T. 0.00 min
Lab File: VY003370.D
Acq: 28 Jul 2020 12:42

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	174759		
129	2.3	0.0	5.0	
130	78.4	64.9	97.3	





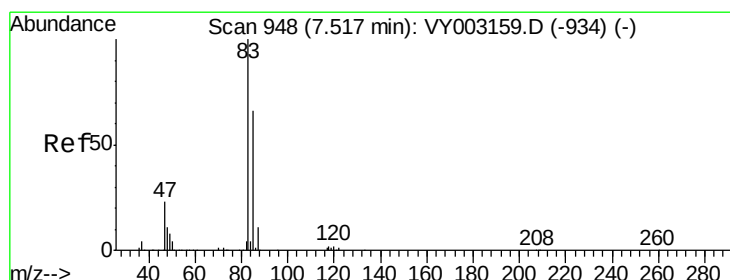
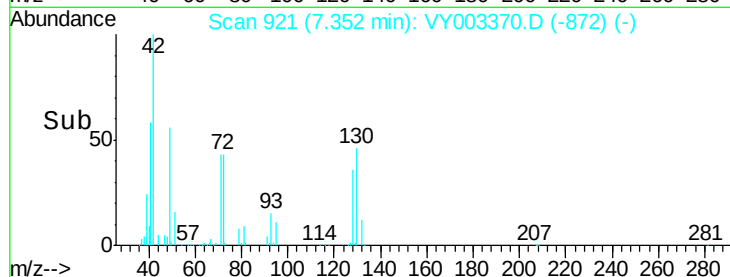
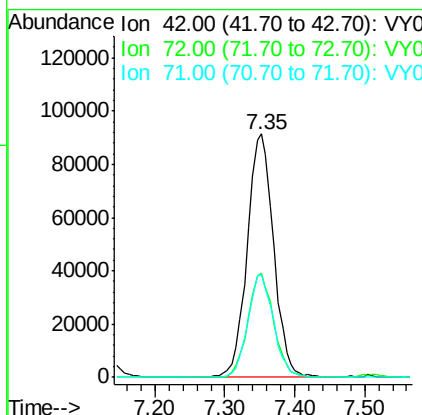
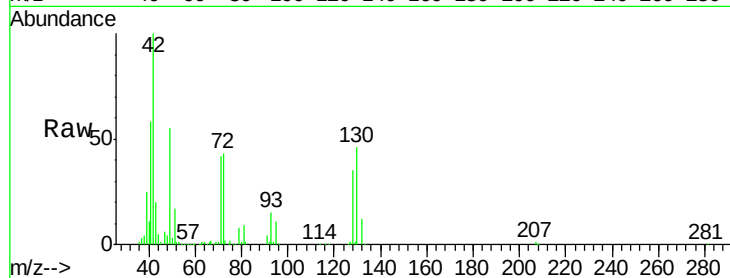
#29
Tetrahydrofuran
Concen: 240.726 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.00 min
Lab File: VY003370.D
Acq: 28 Jul 2020 12:42

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
42	100		
72	41.9	36.7	55.1
71	40.9	34.2	51.4

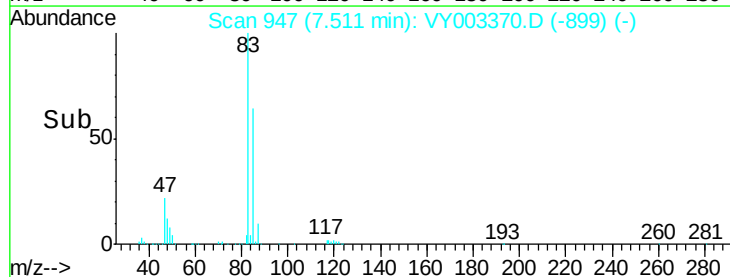
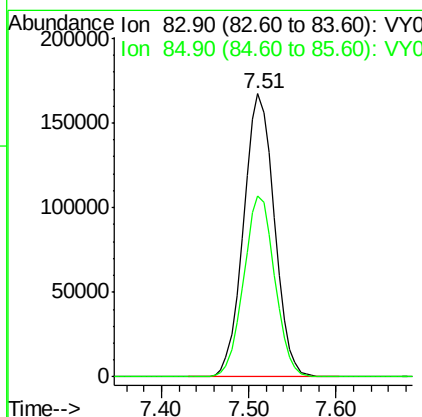
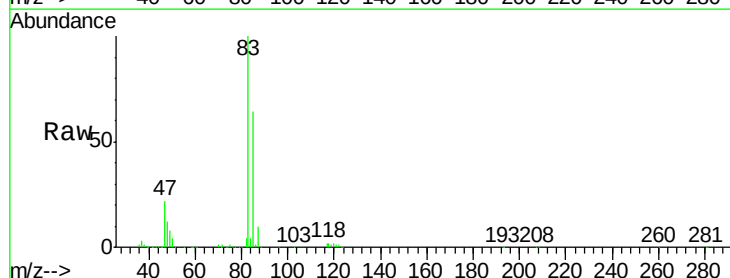
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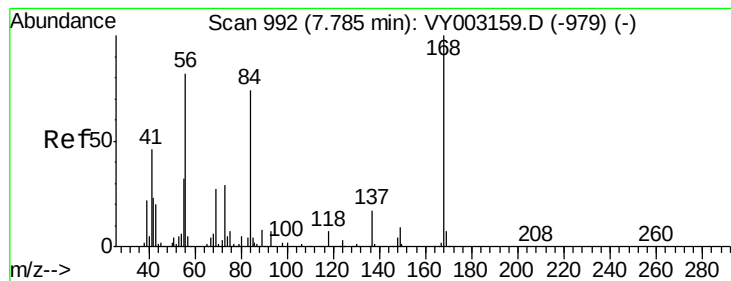
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#30
Chloroform
Concen: 52.144 ug/l
RT: 7.51 min Scan# 947
Delta R.T. -0.01 min
Lab File: VY003370.D
Acq: 28 Jul 2020 12:42

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.0	52.6	78.8





#31

Cyclohexane

Concen: 48.932 ug/l

RT: 7.78 min Scan# 992

Delta R.T. 0.00 min

Lab File: VY003370.D

Acq: 28 Jul 2020 12:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 360717
Ion Ratio Lower Upper

56 100

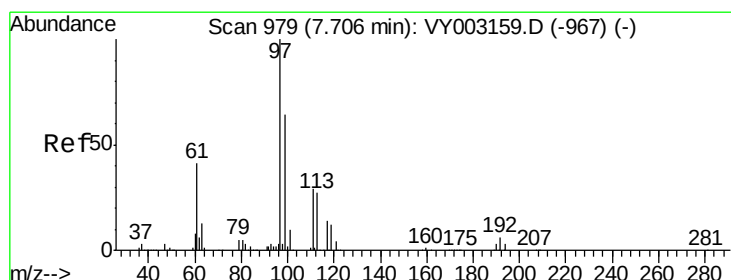
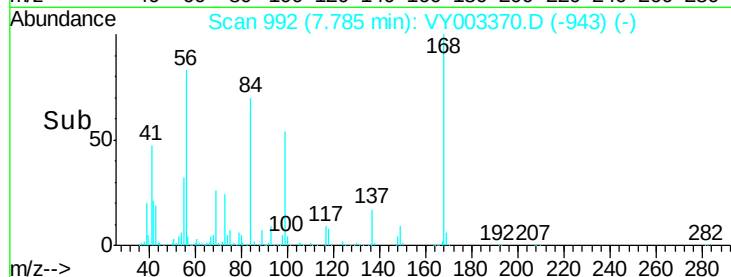
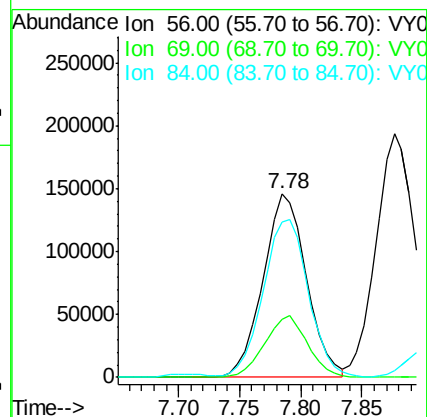
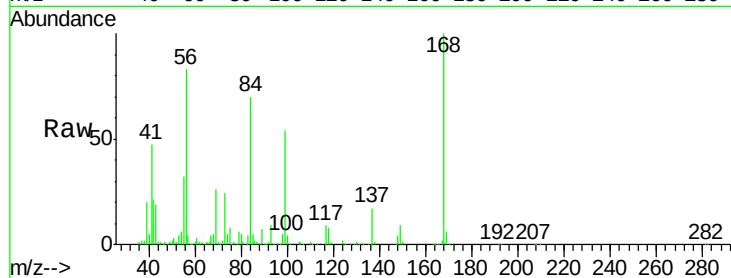
69 31.6 26.7 40.1

84 82.6 72.3 108.5

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 52.614 ug/l

RT: 7.71 min Scan# 979

Delta R.T. 0.00 min

Lab File: VY003370.D

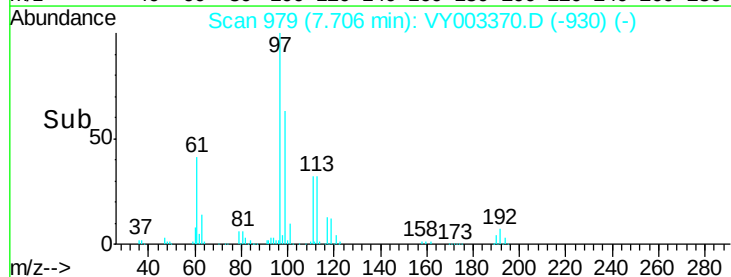
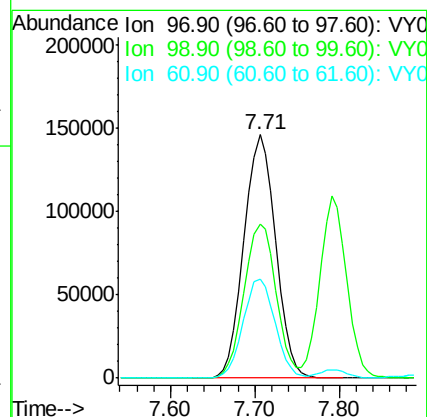
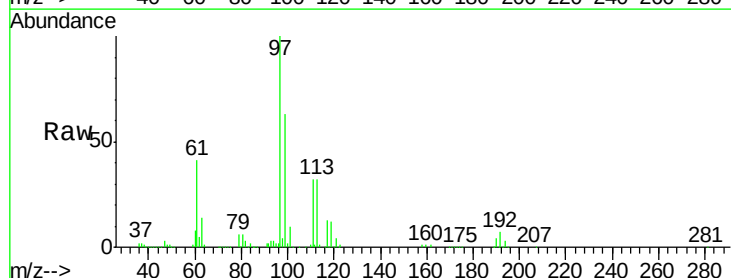
Acq: 28 Jul 2020 12:42

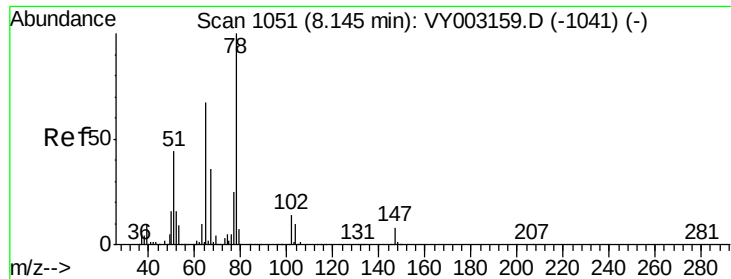
Tgt Ion: 97 Resp: 371907
Ion Ratio Lower Upper

97 100

99 64.6 52.1 78.1

61 41.1 33.9 50.9





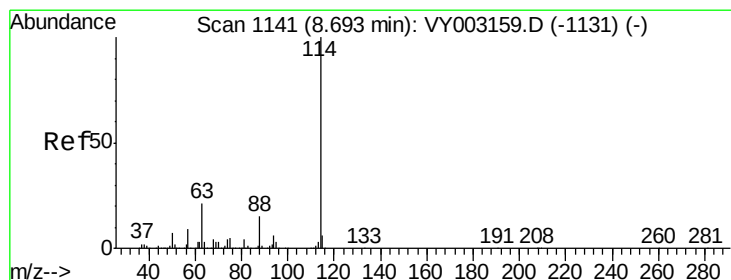
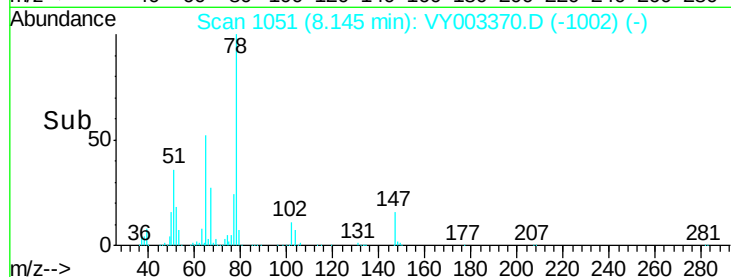
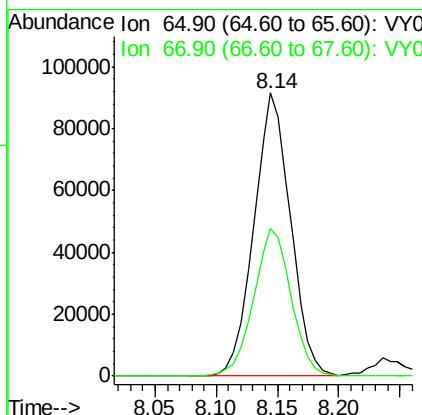
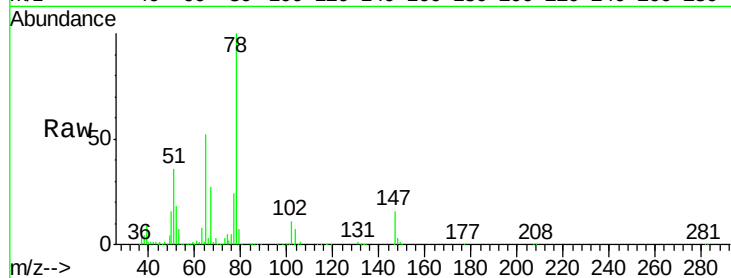
#33
 1,2-Dichloroethane-d4
 Concen: 47.017 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VY003370.D
 Acq: 28 Jul 2020 12:42

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	190559		
67	53.5	0.0	105.2	

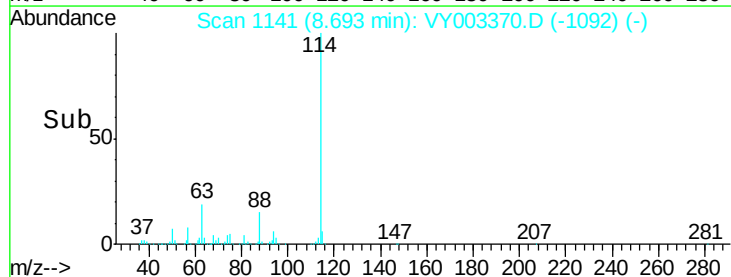
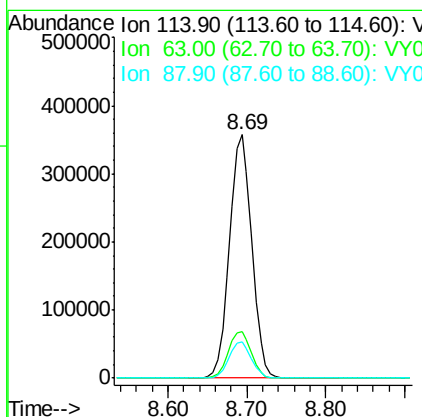
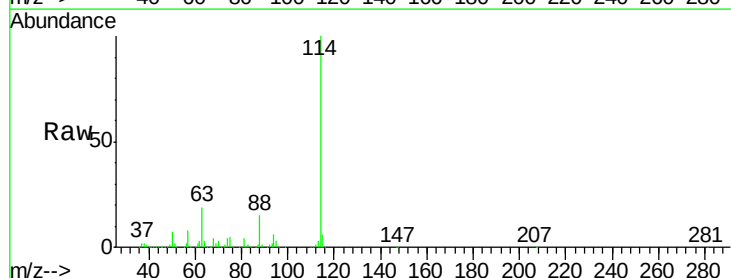
Manual Integrations
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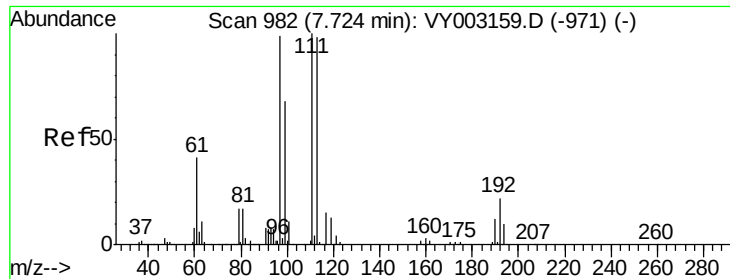
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY003370.D
 Acq: 28 Jul 2020 12:42

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	701077		
63	18.9	0.0	41.2	
88	14.7	0.0	30.2	





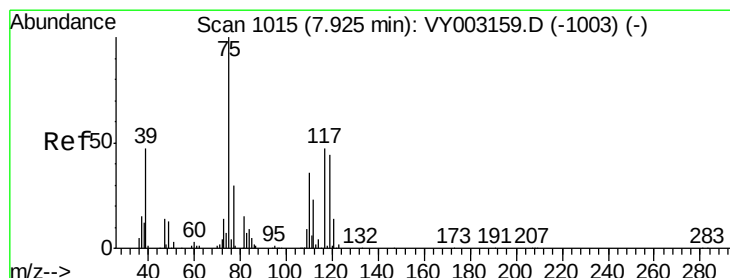
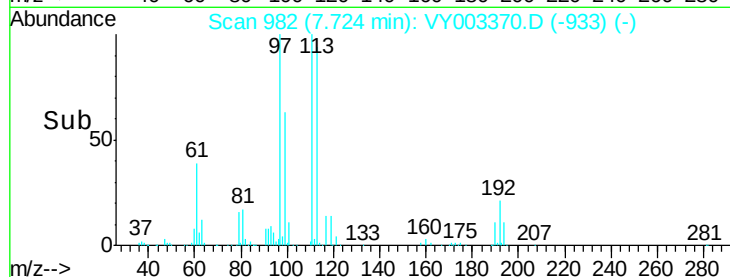
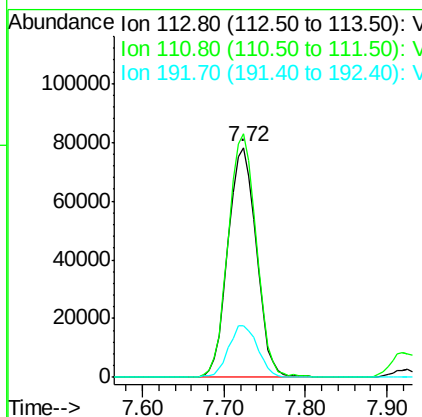
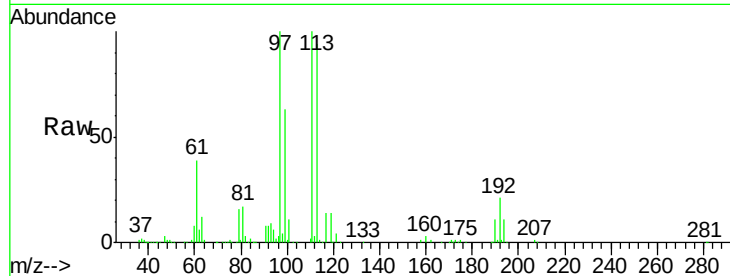
#35
Dibromofluoromethane
Concen: 46.543 ug/l
RT: 7.72 min Scan# 982
Delta R.T. 0.00 min
Lab File: VY003370.D
Acq: 28 Jul 2020 12:42

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	187781		
111	105.3	82.1	123.1	
192	23.0	18.8	28.2	

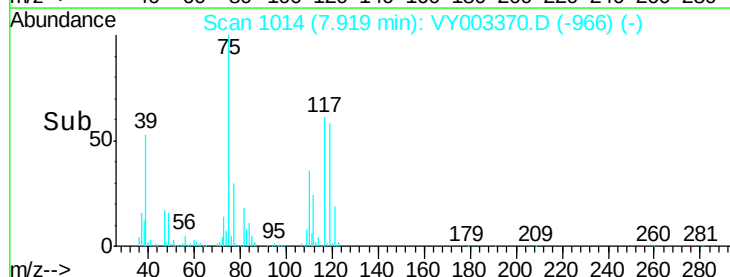
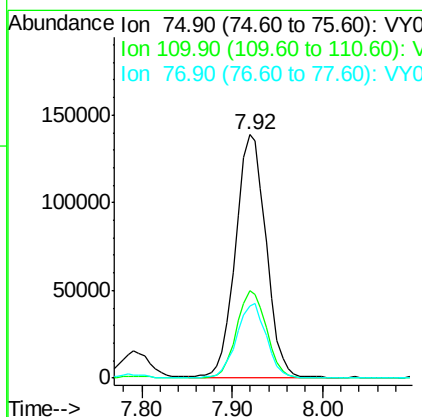
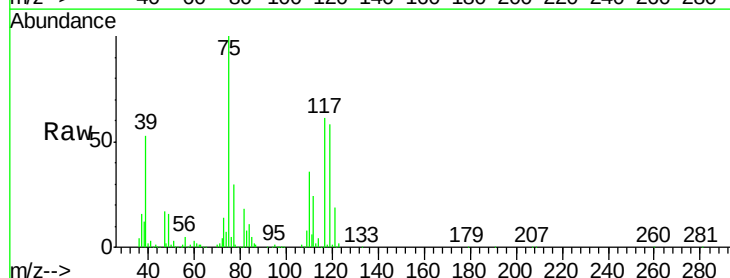
Manual Integrations
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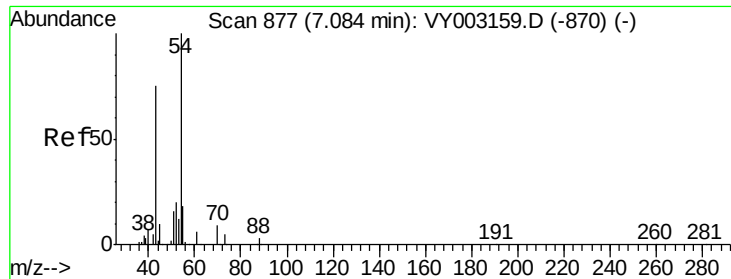
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#36
1,1-Dichloropropene
Concen: 50.577 ug/l
RT: 7.92 min Scan# 1014
Delta R.T. -0.01 min
Lab File: VY003370.D
Acq: 28 Jul 2020 12:42

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	321371		
110	35.4	18.1	54.1	
77	30.5	24.8	37.2	





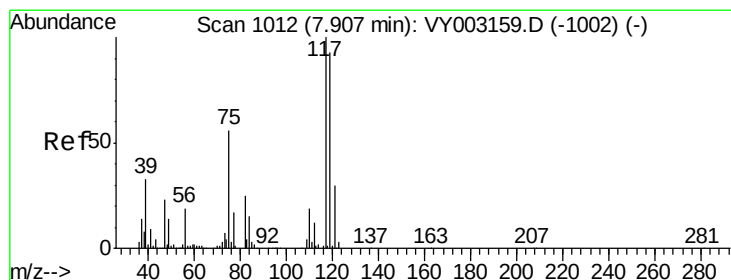
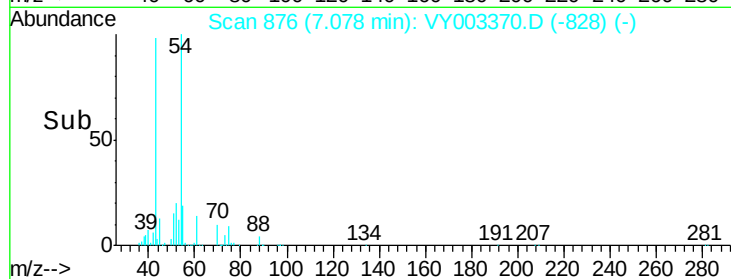
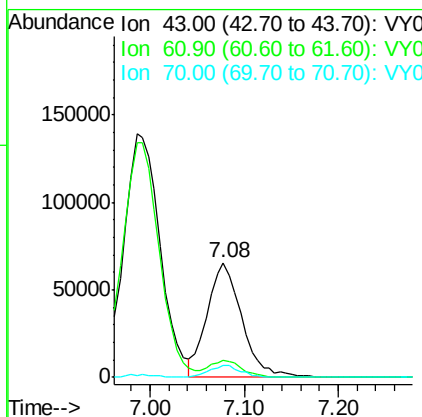
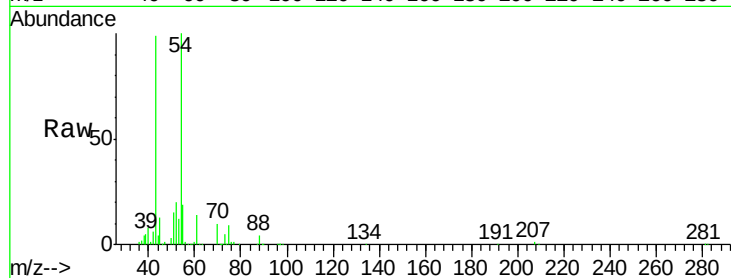
#37
Ethyl Acetate
Concen: 48.479 ug/l
RT: 7.08 min Scan# 876
Delta R.T. -0.01 min
Lab File: VY003370.D
Acq: 28 Jul 2020 12:42

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
43	100		
61	14.0	11.8	17.6
70	9.8	8.6	13.0

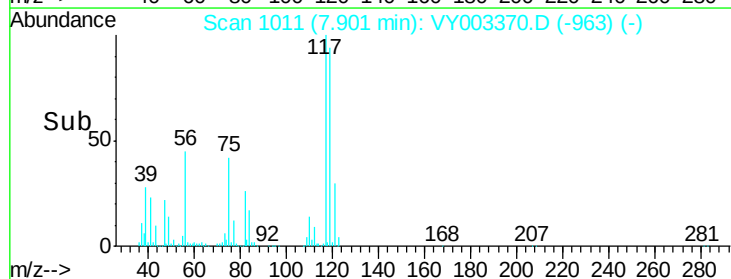
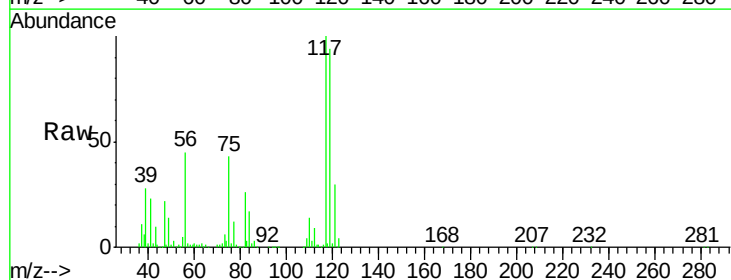
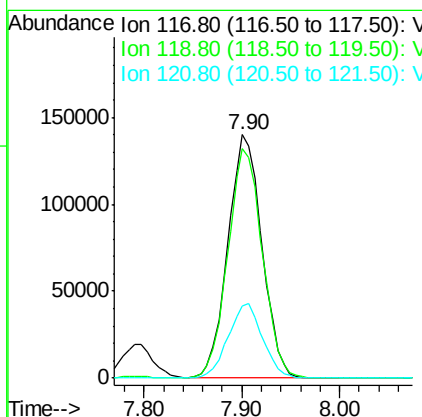
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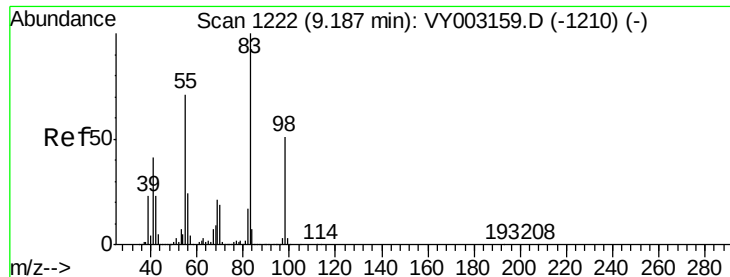
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#38
Carbon Tetrachloride
Concen: 51.519 ug/l
RT: 7.90 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VY003370.D
Acq: 28 Jul 2020 12:42

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.2	74.5	111.7
121	29.5	24.2	36.2





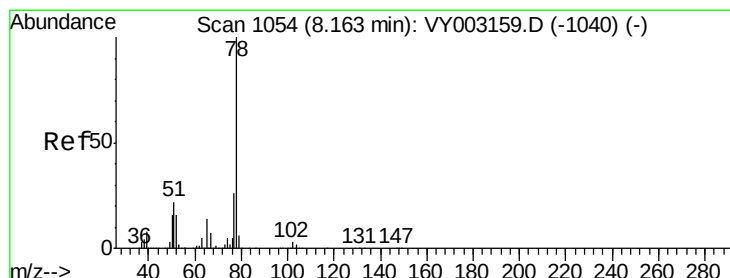
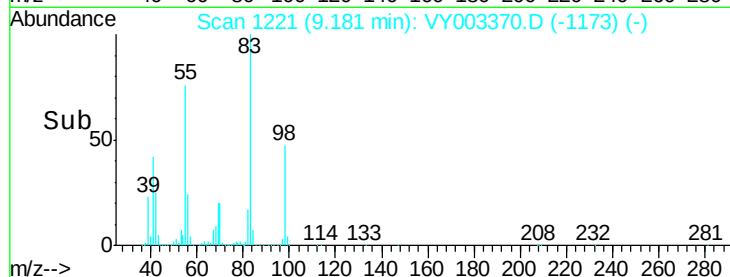
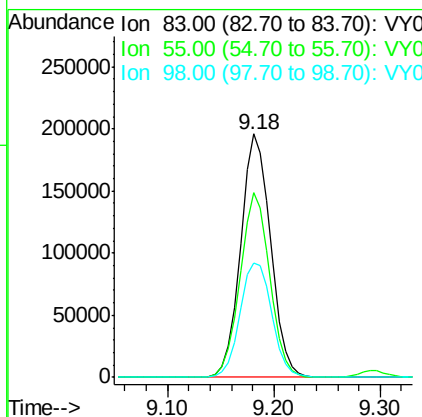
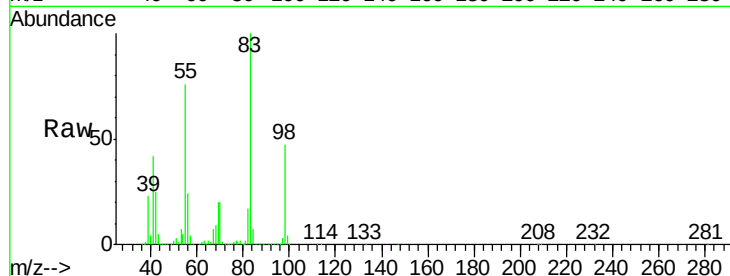
#39
Methylcyclohexane
Concen: 48.594 ug/l
RT: 9.18 min Scan# 1221
Delta R.T. -0.01 min
Lab File: VY003370.D
Acq: 28 Jul 2020 12:42

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
83	100		
55	75.8	57.2	85.8
98	47.0	41.0	61.6

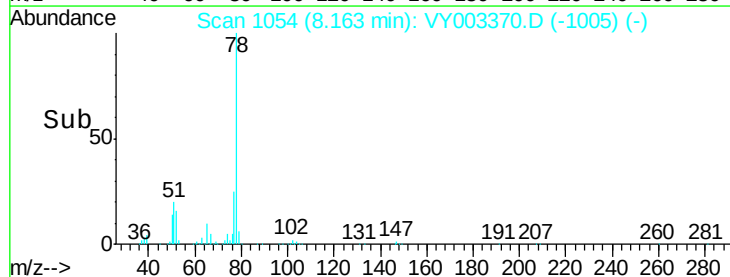
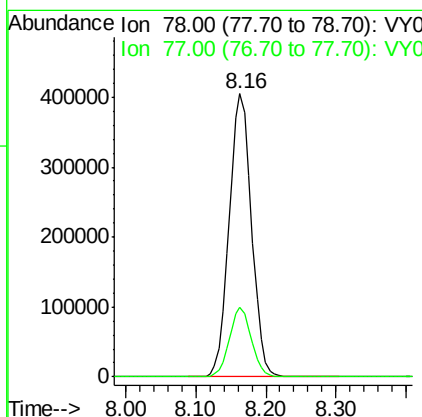
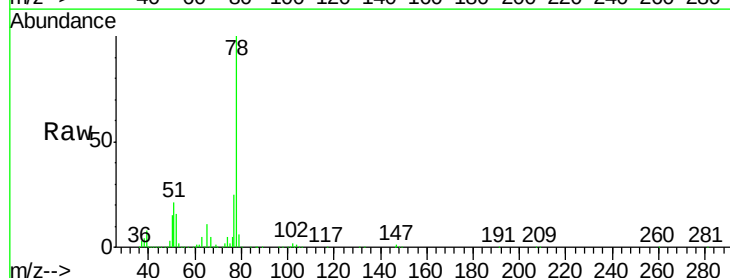
Manual Integrations
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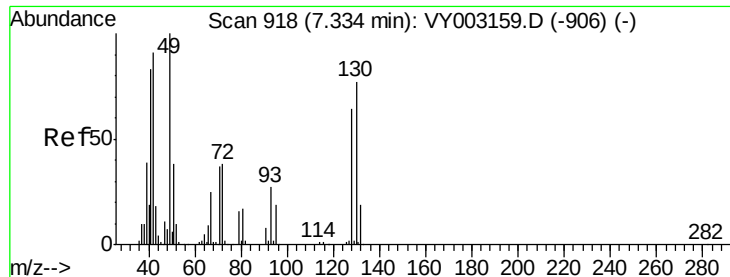
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#40
Benzene
Concen: 51.305 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VY003370.D
Acq: 28 Jul 2020 12:42

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.7	20.7	31.1





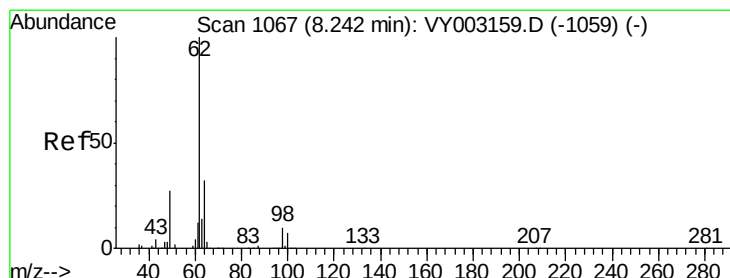
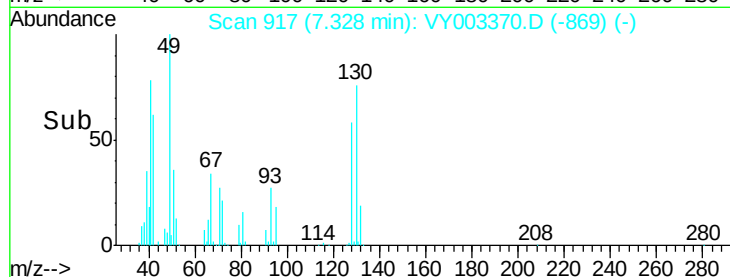
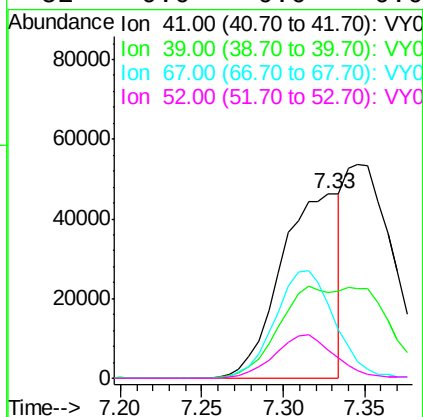
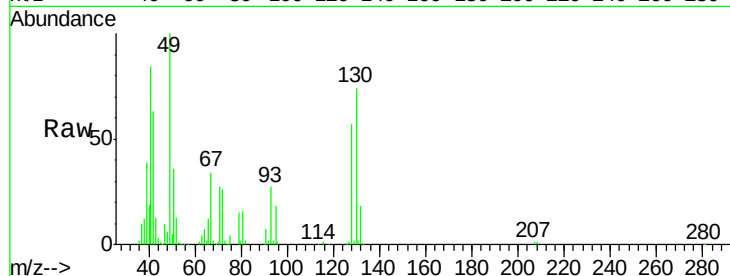
#41
Methacrylonitrile
Concen: 56.723 ug/l m
RT: 7.33 min Scan# 917
Delta R.T. -0.01 min
Lab File: VY003370.D
Acq: 28 Jul 2020 12:42

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

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

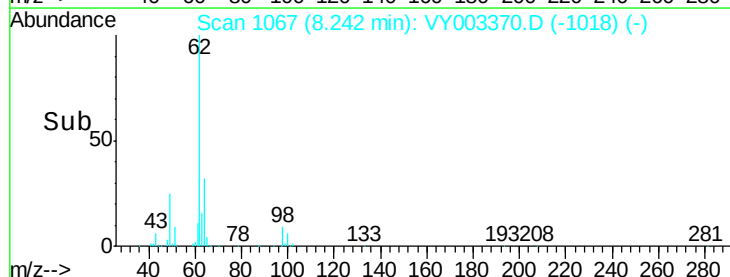
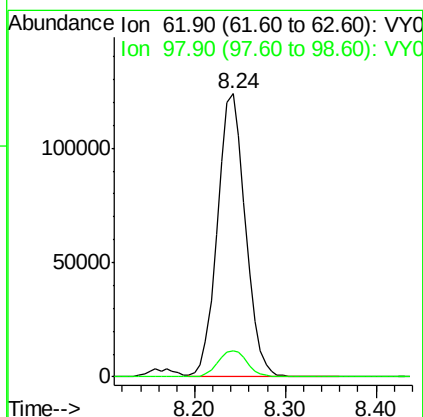
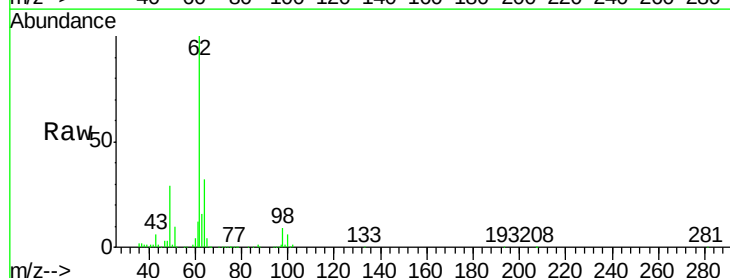
Manual Integrations
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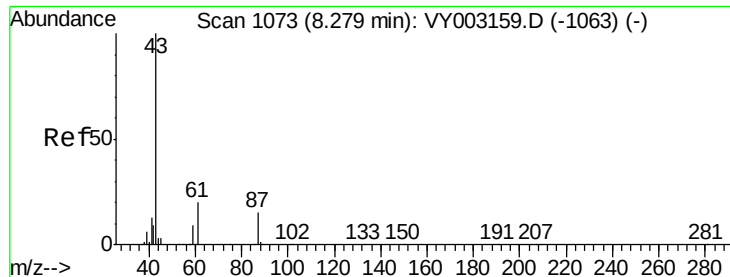
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#42
1,2-Dichloroethane
Concen: 49.519 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. 0.00 min
Lab File: VY003370.D
Acq: 28 Jul 2020 12:42

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	19.0





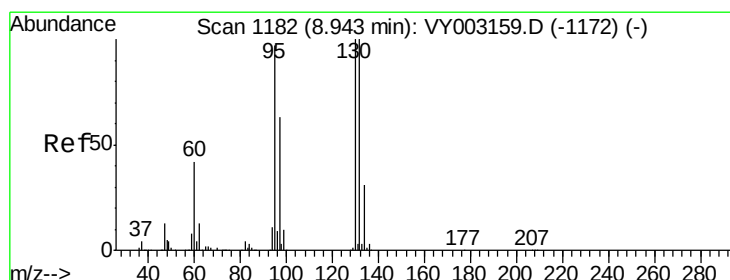
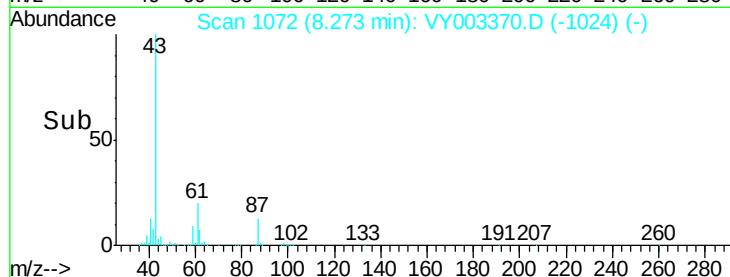
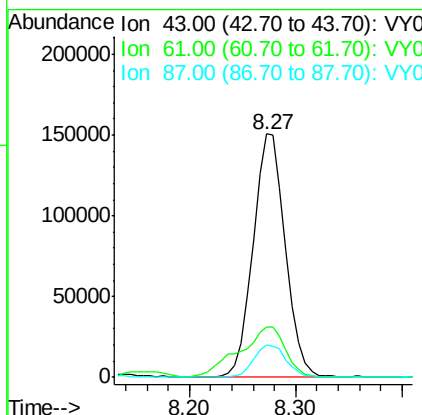
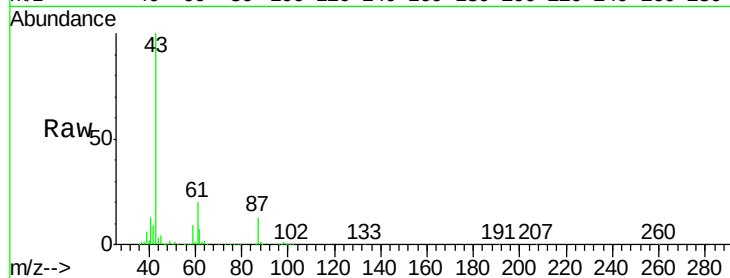
#43
Isopropyl Acetate
Concen: 48.032 ug/l
RT: 8.27 min Scan# 1072
Delta R.T. -0.01 min
Lab File: VY003370.D
Acq: 28 Jul 2020 12:42

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
43	100		
61	29.7	23.7	35.5
87	13.5	11.4	17.0

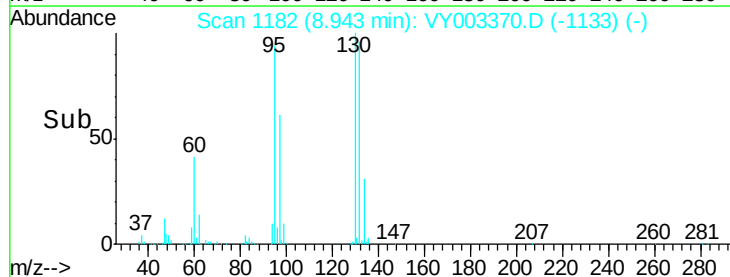
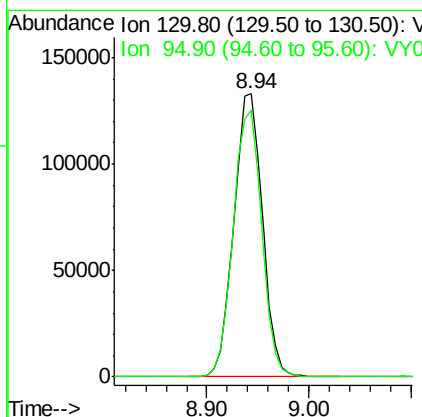
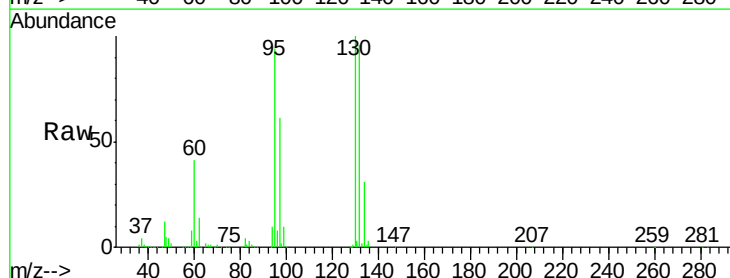
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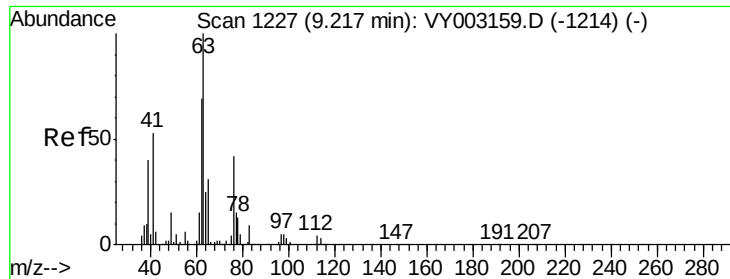
MMDadoda
7/29/2020 7:07:22 PM



#44
Trichloroethene
Concen: 47.988 ug/l
RT: 8.94 min Scan# 1182
Delta R.T. 0.00 min
Lab File: VY003370.D
Acq: 28 Jul 2020 12:42

Tgt Ion	Ratio	Lower	Upper
130	100		
95	94.1	0.0	193.8





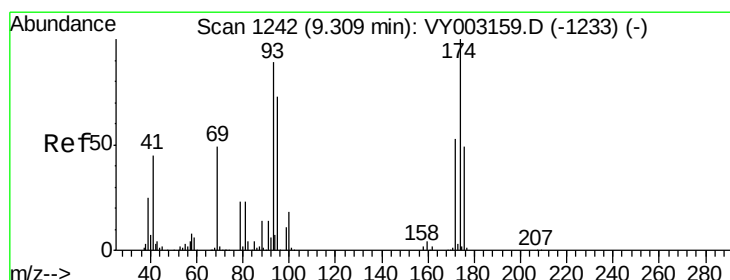
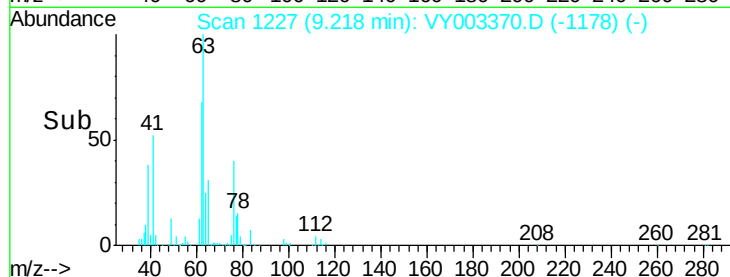
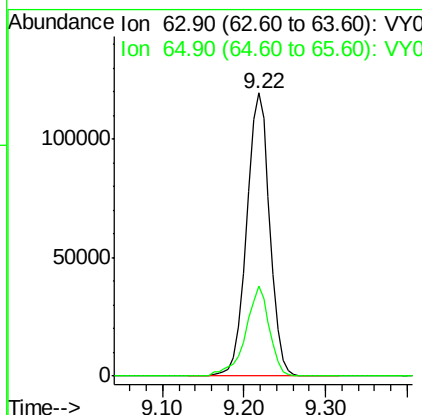
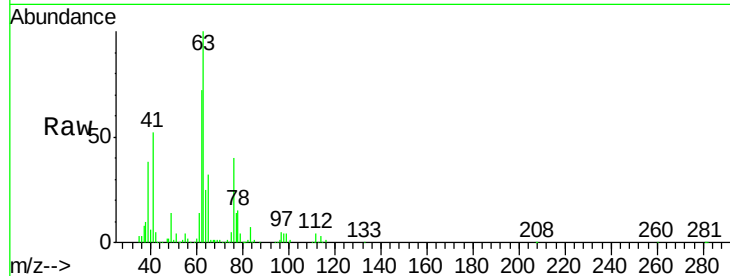
#45
 1,2-Dichloropropane
 Concen: 51.996 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. 0.00 min
 Lab File: VY003370.D
 Acq: 28 Jul 2020 12:42

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
63	100		
65	31.7	25.0	37.4

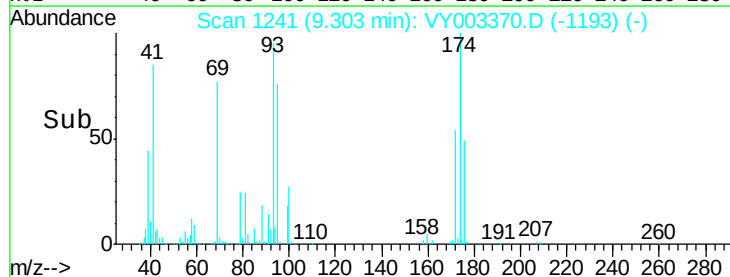
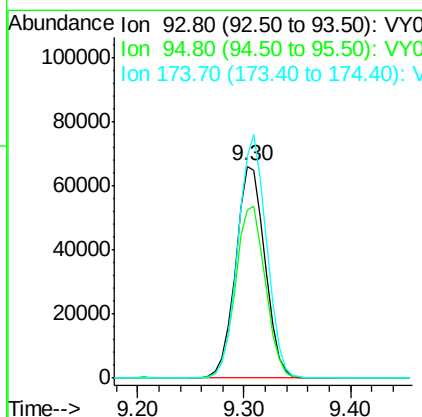
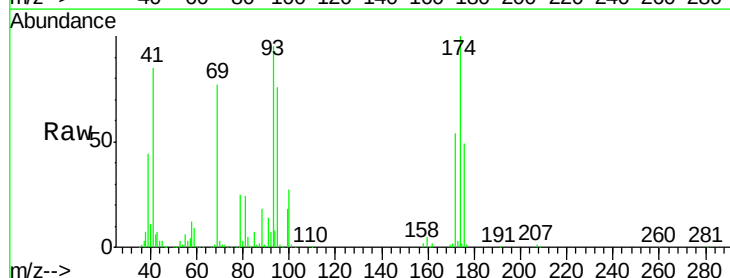
Manual Integrations
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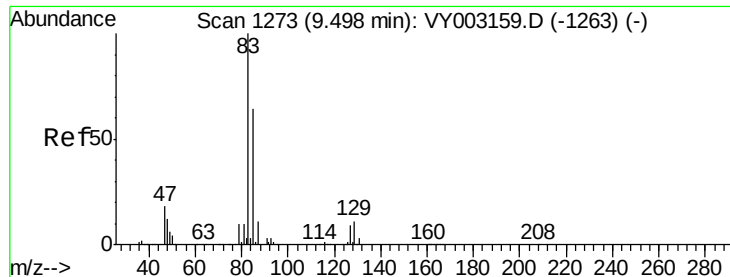
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 7/29/2020 7:07:22 PM



#46
 Dibromomethane
 Concen: 48.386 ug/l
 RT: 9.30 min Scan# 1241
 Delta R.T. -0.01 min
 Lab File: VY003370.D
 Acq: 28 Jul 2020 12:42

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.4	66.6	99.8
174	112.0	90.2	135.4





#47

Bromodichloromethane

Concen: 51.923 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VY003370.D

Acq: 28 Jul 2020 12:42

Instrument :

MSVOA_Y

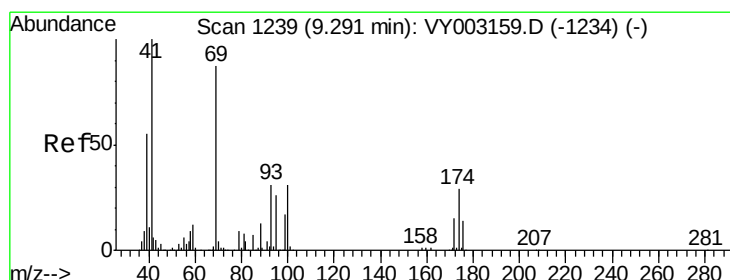
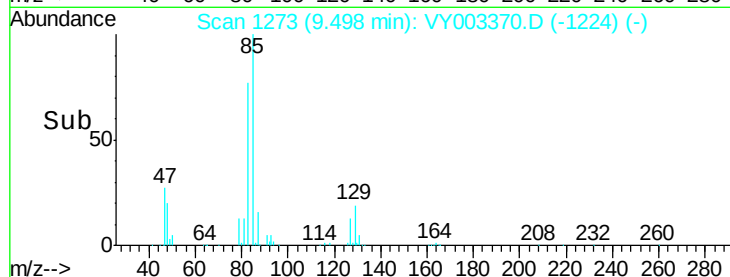
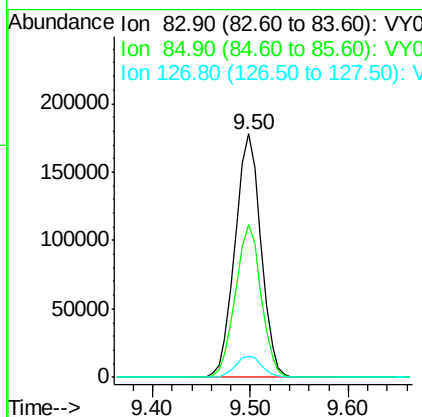
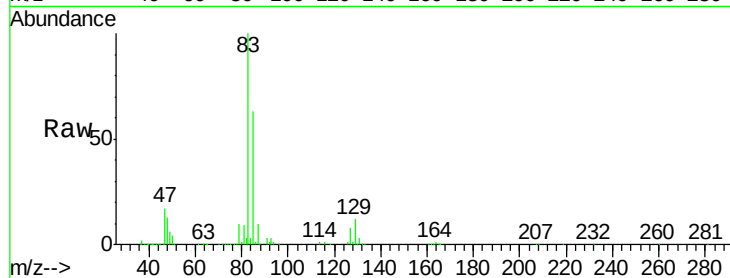
ClientSampleId :

VSTDCCC050

Tgt Ion:	83	Resp:	326524
Ion	Ratio	Lower	Upper
83	100		
85	63.0	50.9	76.3
127	8.4	7.0	10.4

Manual Integrations
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#48

Methyl methacrylate

Concen: 49.076 ug/l

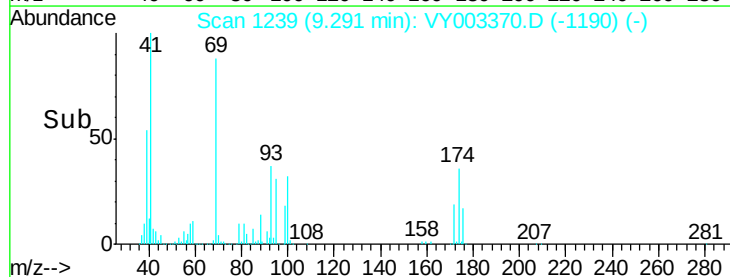
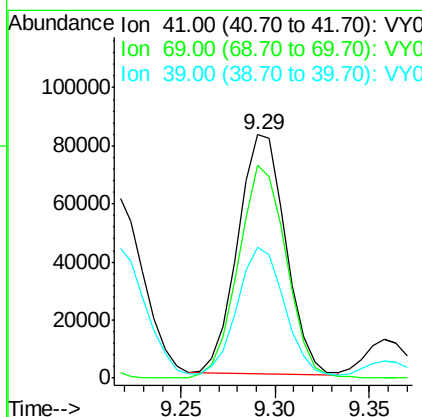
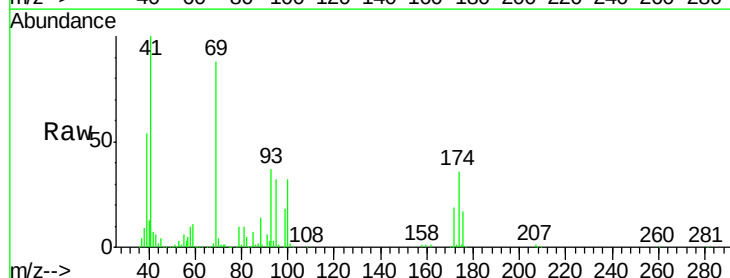
RT: 9.29 min Scan# 1239

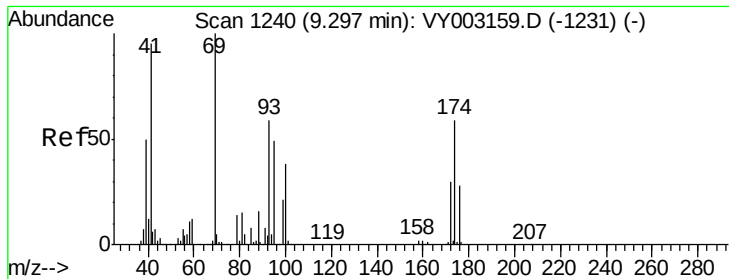
Delta R.T. 0.00 min

Lab File: VY003370.D

Acq: 28 Jul 2020 12:42

Tgt Ion:	41	Resp:	145317
Ion	Ratio	Lower	Upper
41	100		
69	89.1	74.5	111.7
39	52.4	47.5	71.3





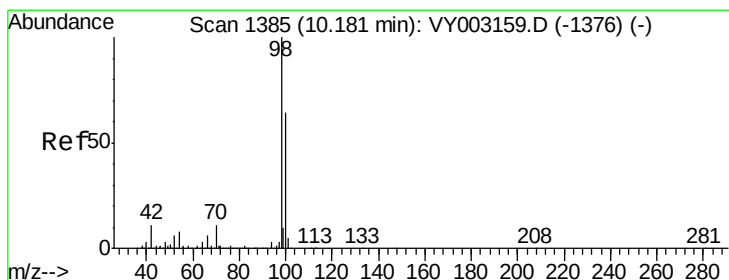
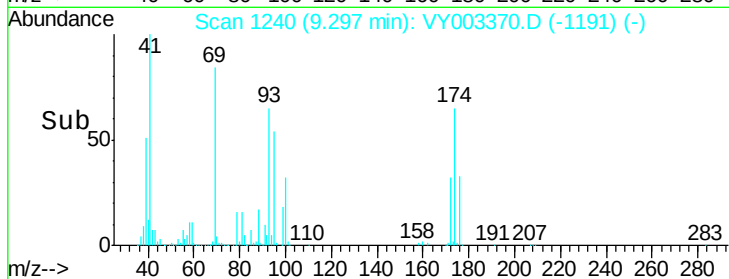
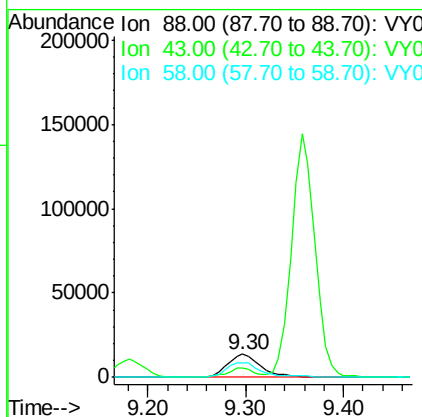
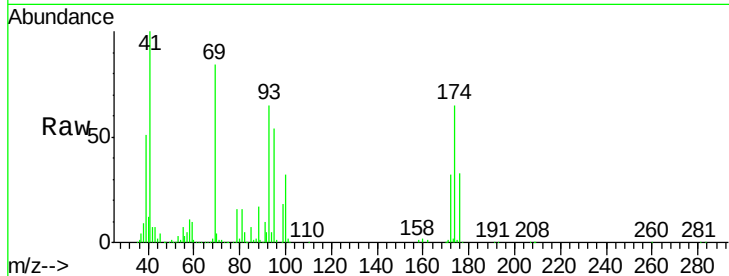
#49
1,4-Dioxane
Concen: 974.988 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VY003370.D
Acq: 28 Jul 2020 12:42

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
88	100		
43	32.9	25.6	38.4
58	62.7	47.8	71.6

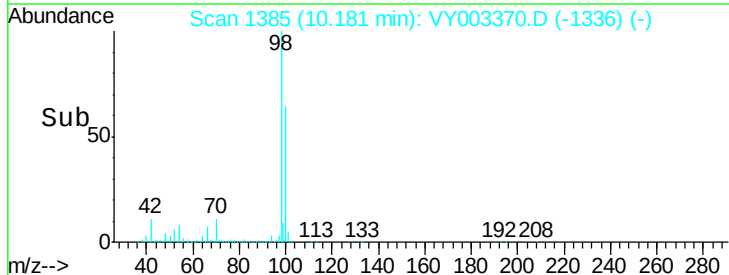
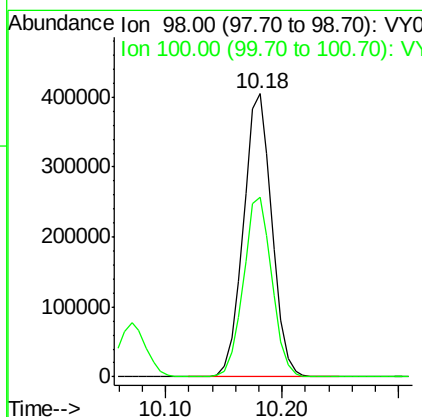
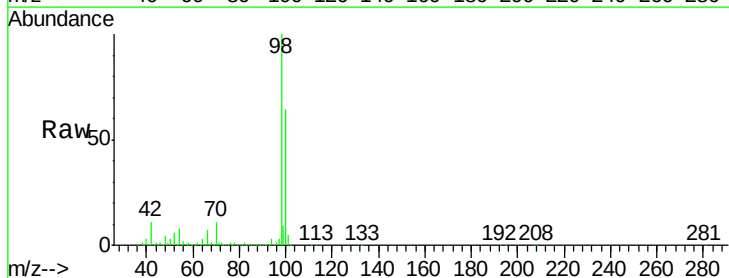
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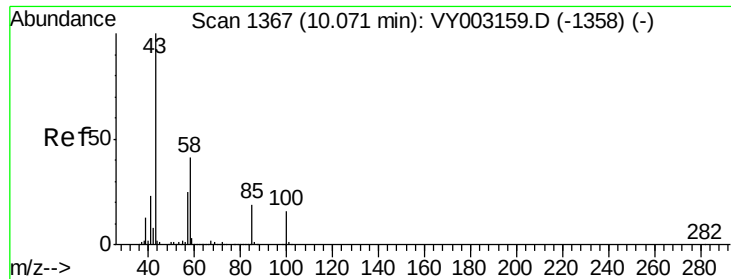
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#50
Toluene-d8
Concen: 45.992 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY003370.D
Acq: 28 Jul 2020 12:42

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.4	50.7	76.1





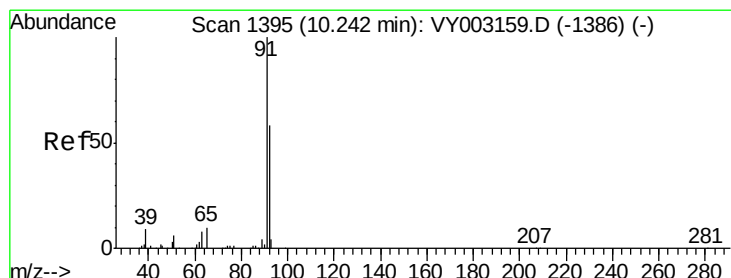
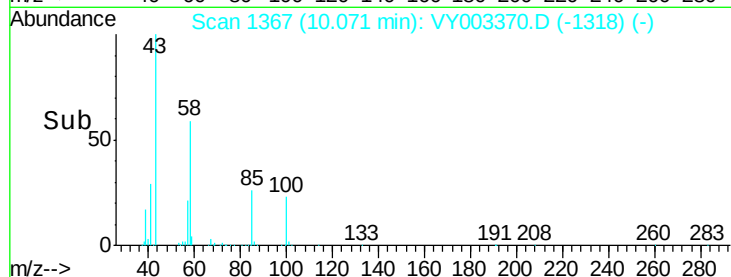
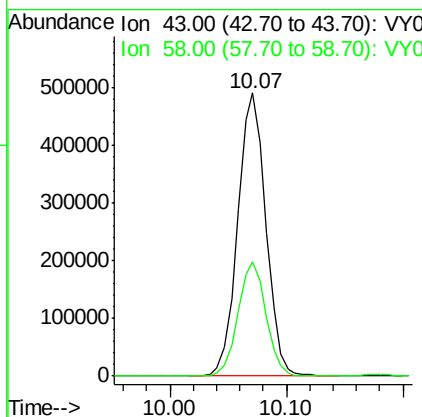
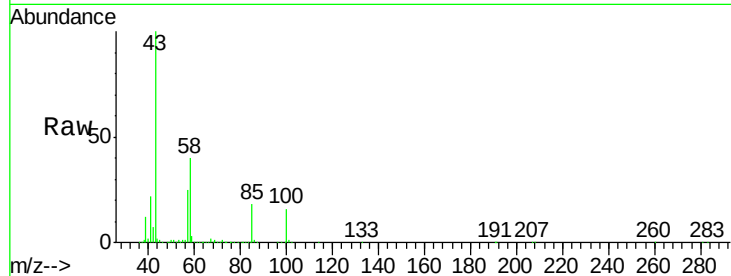
#51
4-Methyl-2-Pentanone
Concen: 239.737 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VY003370.D
Acq: 28 Jul 2020 12:42

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 825338
Ion Ratio Lower Upper
43 100
58 40.2 32.7 49.1

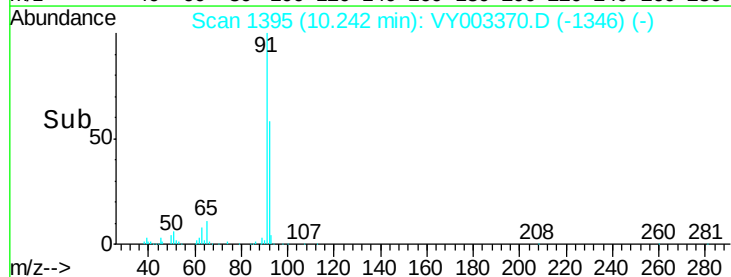
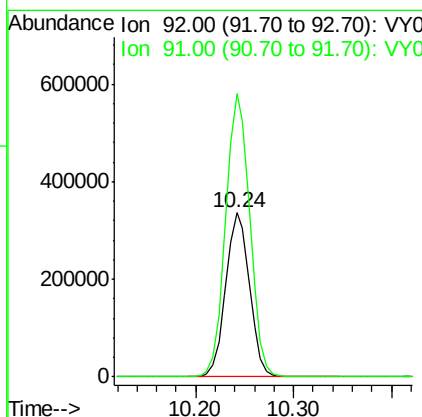
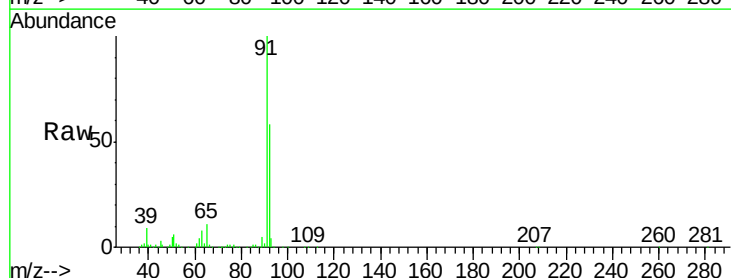
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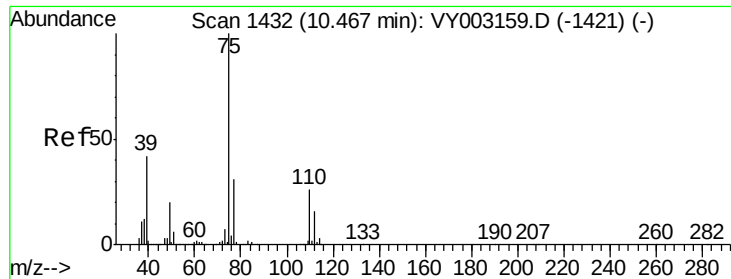
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#52
Toluene
Concen: 50.751 ug/l
RT: 10.24 min Scan# 1395
Delta R.T. 0.00 min
Lab File: VY003370.D
Acq: 28 Jul 2020 12:42

Tgt Ion: 92 Resp: 567538
Ion Ratio Lower Upper
92 100
91 174.7 139.7 209.5





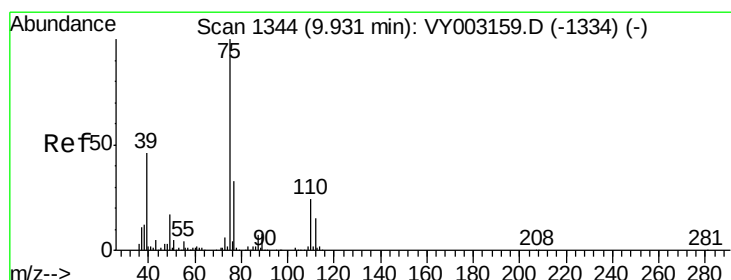
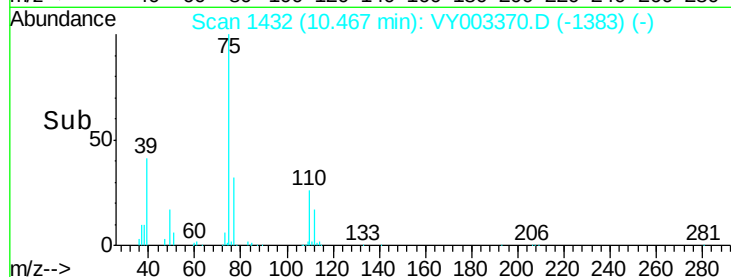
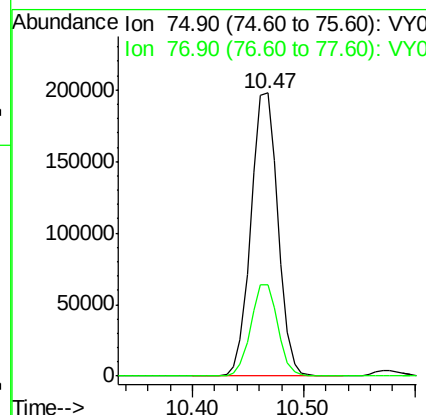
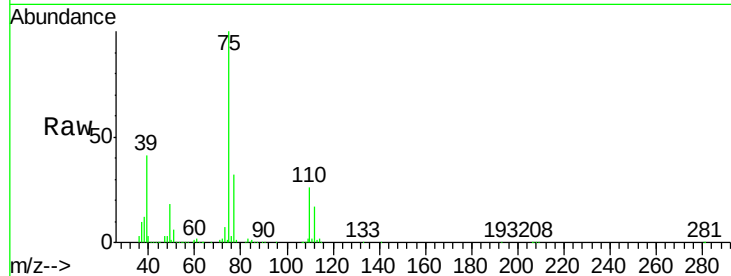
#53
t-1,3-Dichloropropene
Concen: 51.399 ug/l
RT: 10.47 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VY003370.D
Acq: 28 Jul 2020 12:42

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 334897
Ion Ratio Lower Upper
75 100
77 32.4 25.2 37.8

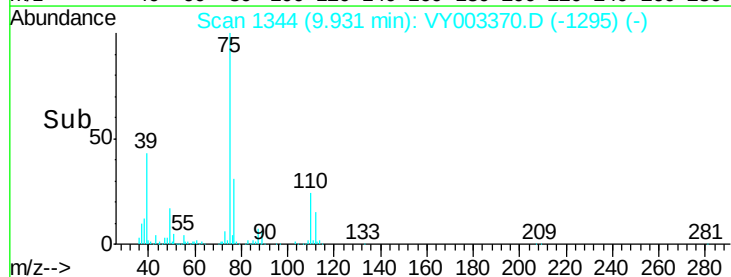
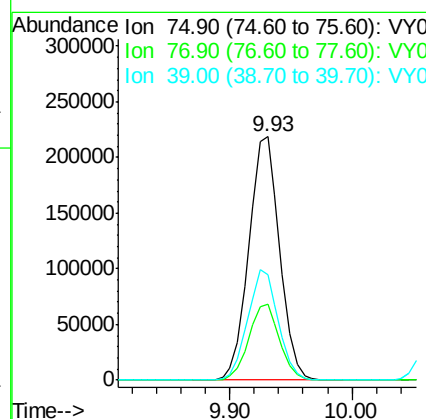
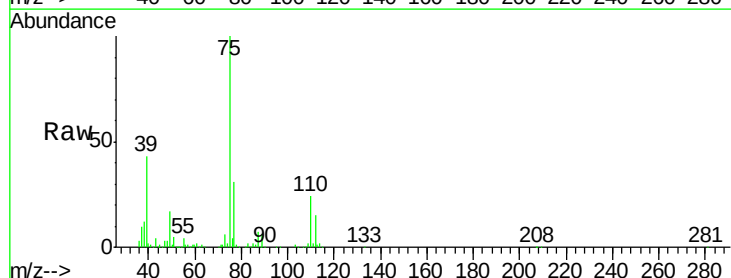
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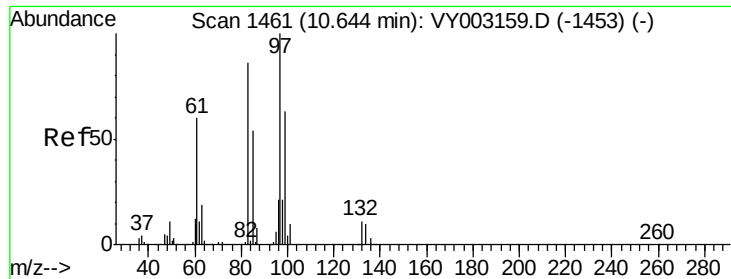
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#54
cis-1,3-Dichloropropene
Concen: 50.822 ug/l
RT: 9.93 min Scan# 1344
Delta R.T. 0.00 min
Lab File: VY003370.D
Acq: 28 Jul 2020 12:42

Tgt Ion: 75 Resp: 381530
Ion Ratio Lower Upper
75 100
77 31.3 26.7 40.1
39 43.4 37.0 55.6





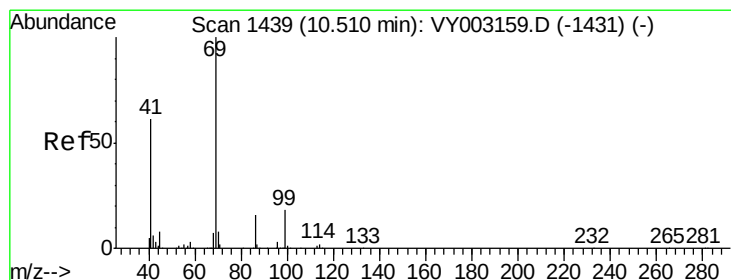
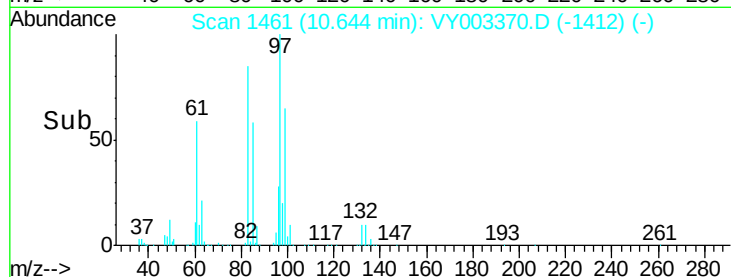
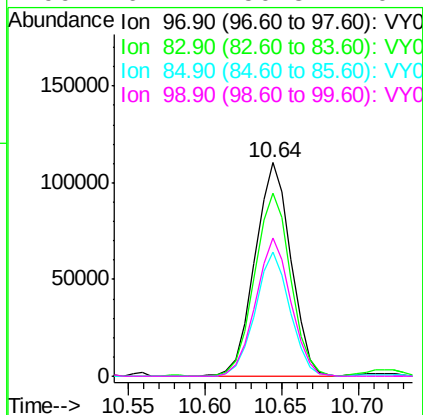
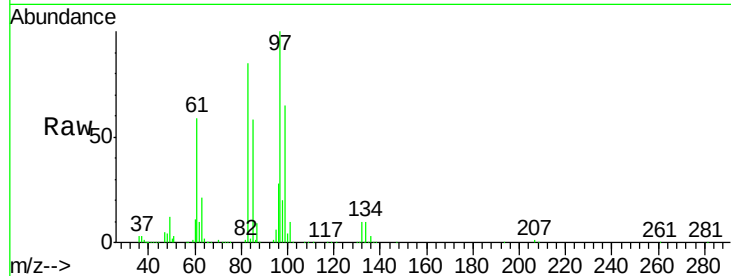
#55
 1,1,2-Trichloroethane
 Concen: 48.260 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY003370.D
 Acq: 28 Jul 2020 12:42

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tgt Ion:	97	Resp:	180823
Ion	Ratio	Lower	Upper
97	100		
83	85.3	68.8	103.2
85	57.7	43.1	64.7
99	64.7	50.8	76.2

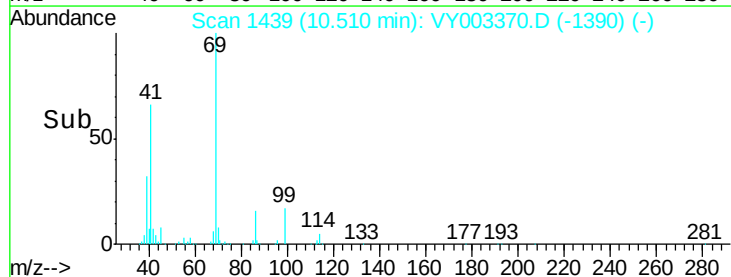
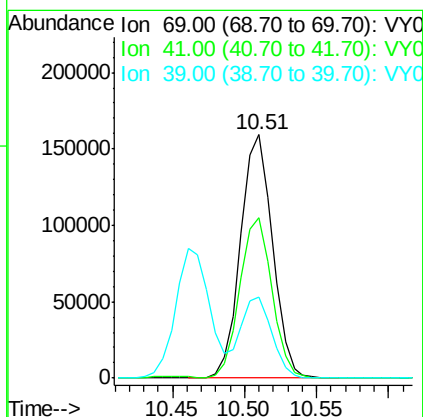
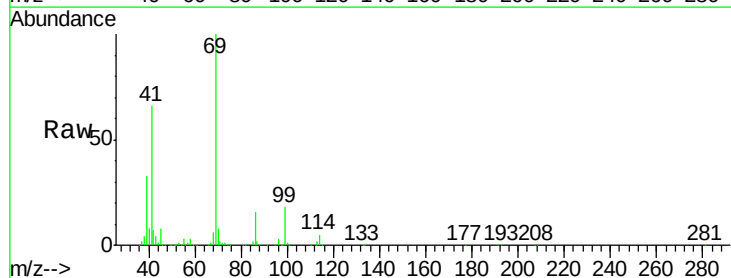
Manual Integrations
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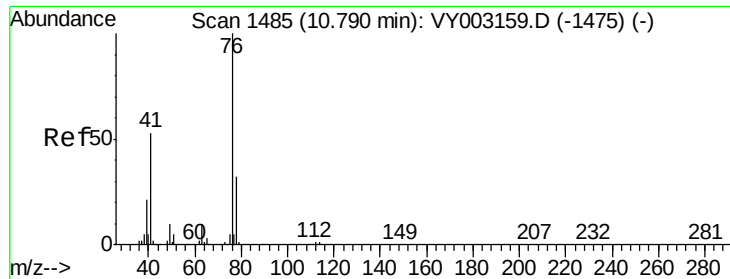
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#56
 Ethyl methacrylate
 Concen: 48.301 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY003370.D
 Acq: 28 Jul 2020 12:42

Tgt Ion:	69	Resp:	246046
Ion	Ratio	Lower	Upper
69	100		
41	65.7	50.0	75.0
39	33.0	27.6	41.4





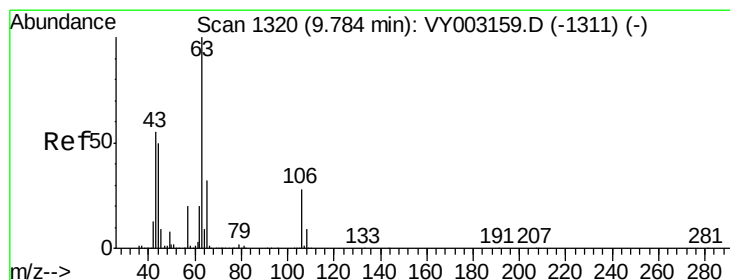
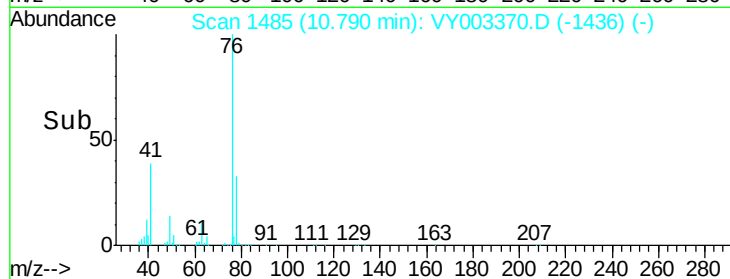
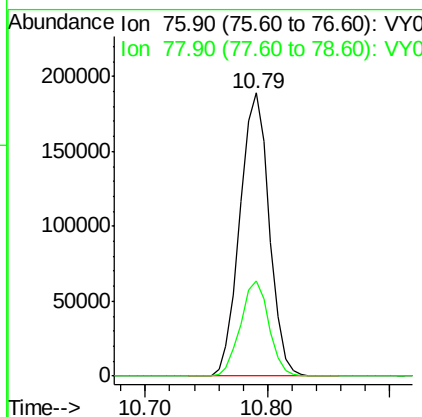
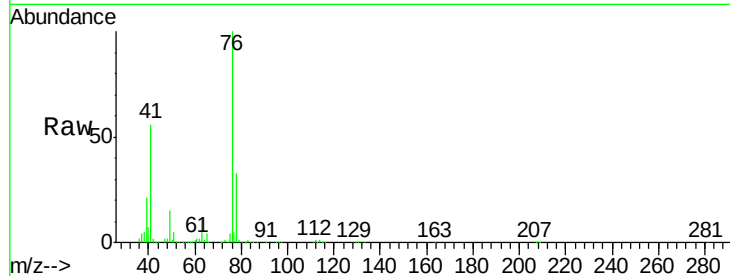
#57
 1,3-Dichloropropane
 Concen: 49.365 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. 0.00 min
 Lab File: VY003370.D
 Acq: 28 Jul 2020 12:42

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 76 Resp: 313616
 Ion Ratio Lower Upper
 76 100
 78 32.7 26.0 39.0

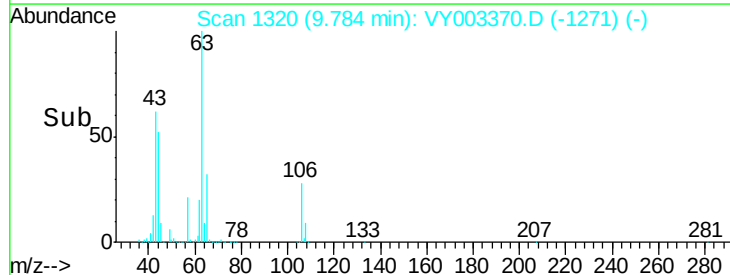
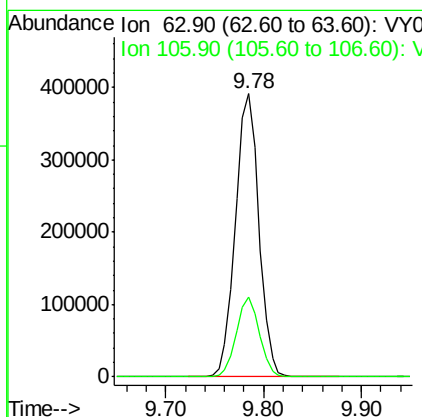
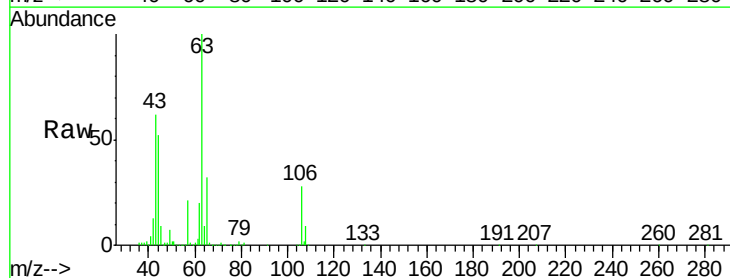
Manual Integrations
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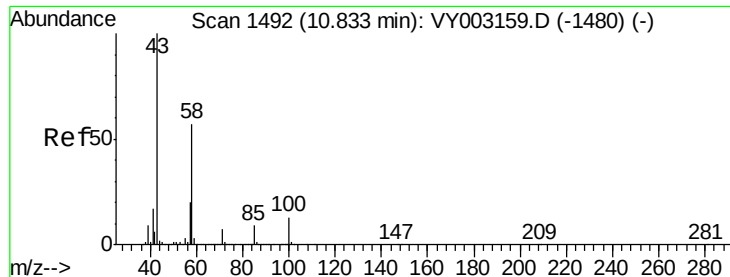
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#58
 2-Chloroethyl Vinyl ether
 Concen: 250.892 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. 0.00 min
 Lab File: VY003370.D
 Acq: 28 Jul 2020 12:42

Tgt Ion: 63 Resp: 651797
 Ion Ratio Lower Upper
 63 100
 106 27.7 22.9 34.3





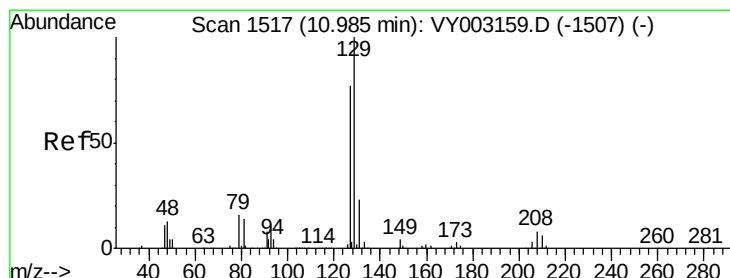
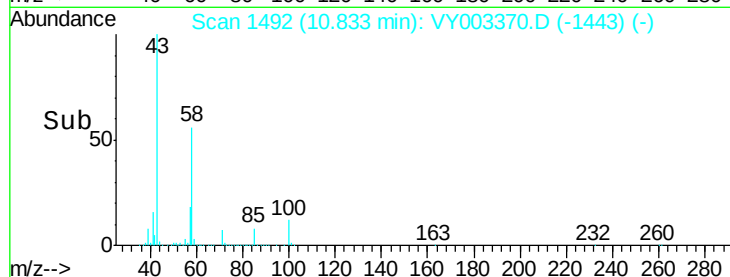
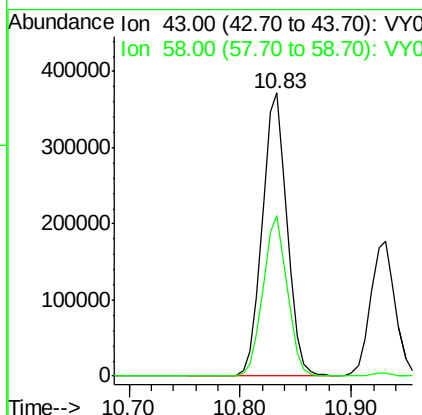
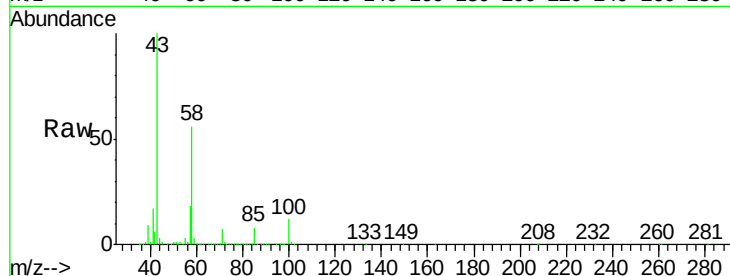
#59
2-Hexanone
Concen: 241.443 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY003370.D
Acq: 28 Jul 2020 12:42

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 580246
Ion Ratio Lower Upper
43 100
58 55.6 28.3 85.0

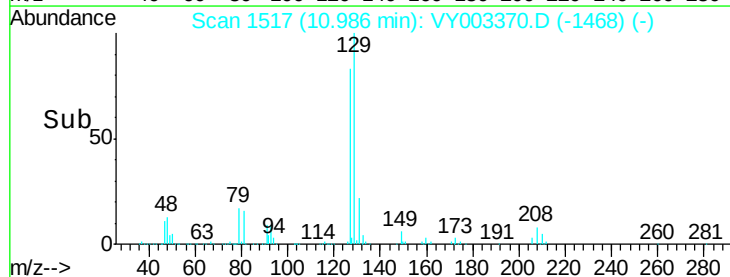
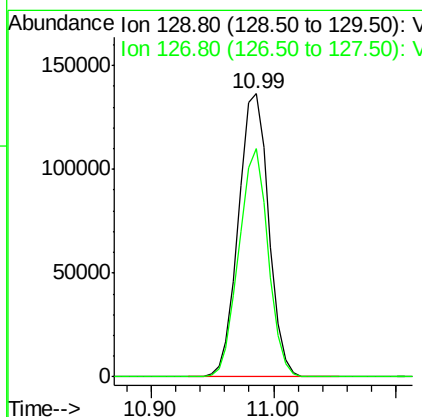
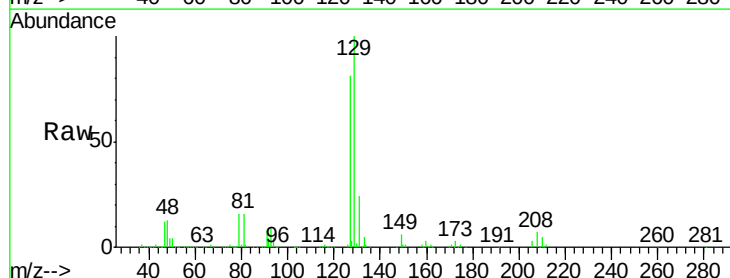
Manual Integrations
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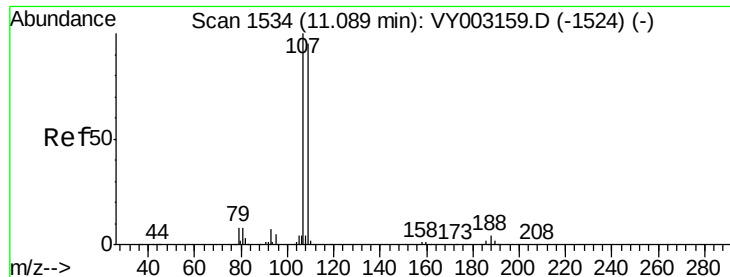
MMDadoda
7/29/2020 7:07:22 PM



#60
Dibromochloromethane
Concen: 49.654 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY003370.D
Acq: 28 Jul 2020 12:42

Tgt Ion: 129 Resp: 233998
Ion Ratio Lower Upper
129 100
127 78.1 38.5 115.5





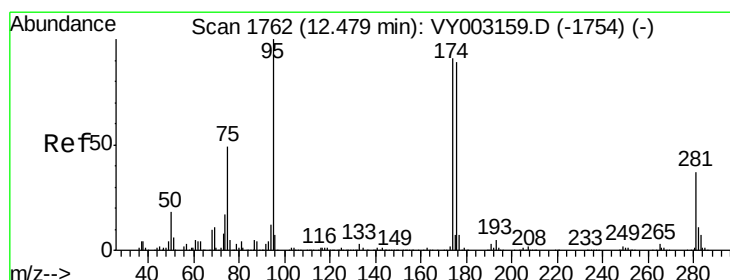
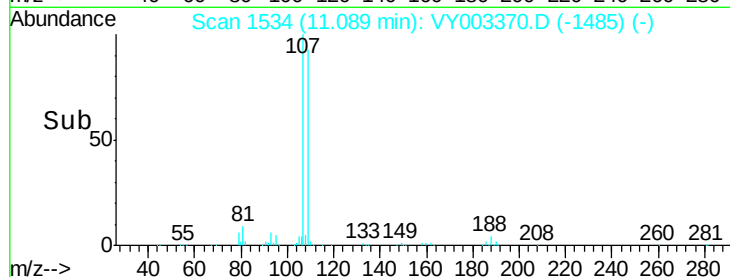
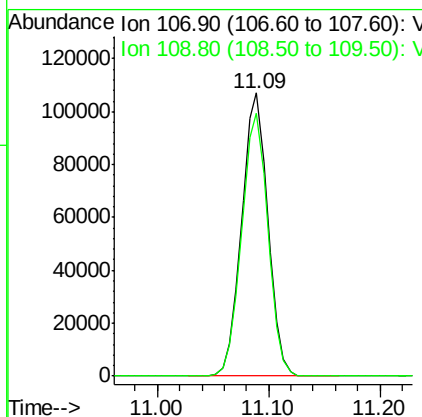
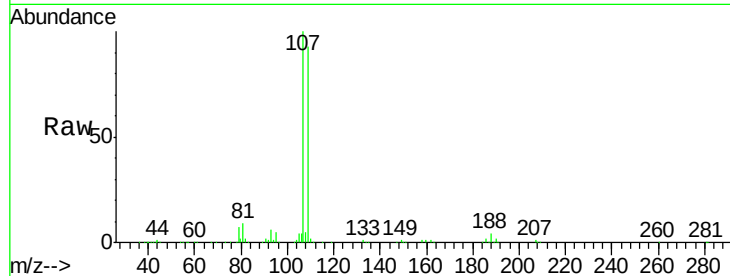
#61
 1,2-Dibromoethane
 Concen: 47.321 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY003370.D
 Acq: 28 Jul 2020 12:42

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 107 Resp: 174992
 Ion Ratio Lower Upper
 107 100
 109 93.1 75.6 113.4

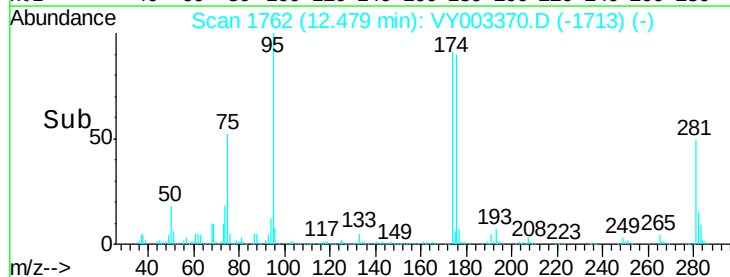
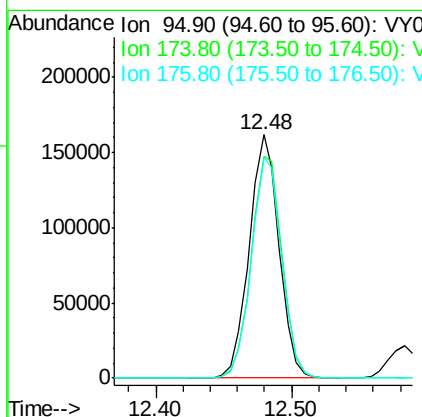
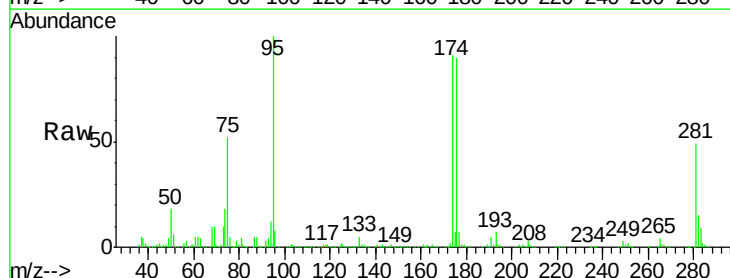
Manual Integrations
 APPROVED

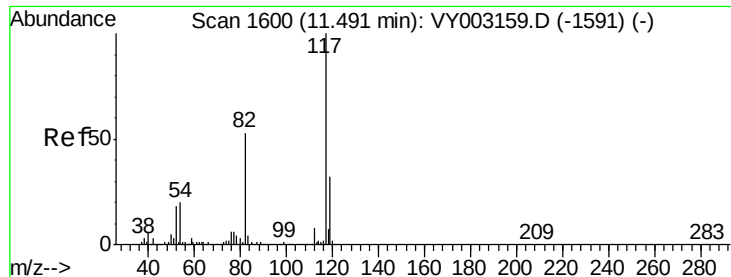
MMDadoda
 7/29/2020 7:07:22 PM



#62
 4-Bromofluorobenzene
 Concen: 45.851 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY003370.D
 Acq: 28 Jul 2020 12:42

Tgt Ion: 95 Resp: 248460
 Ion Ratio Lower Upper
 95 100
 174 94.3 0.0 190.6
 176 92.1 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: VY003370.D

Acq: 28 Jul 2020 12:42

Instrument :

MSVOA_Y

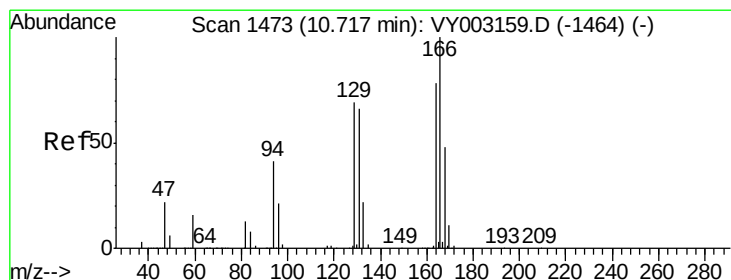
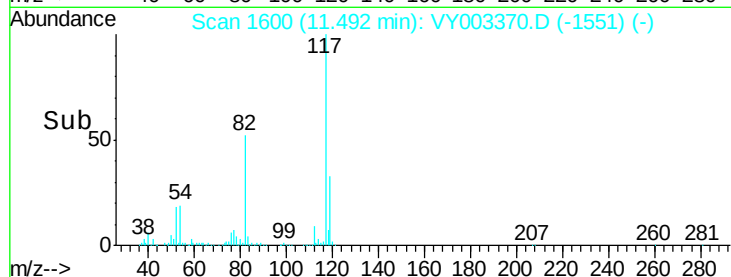
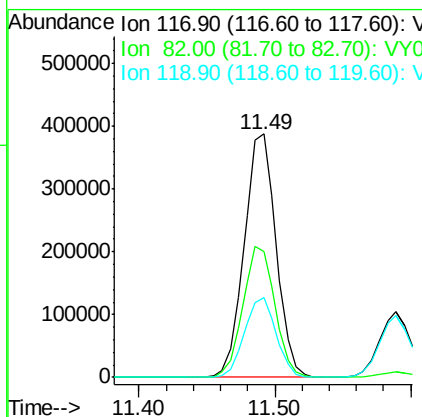
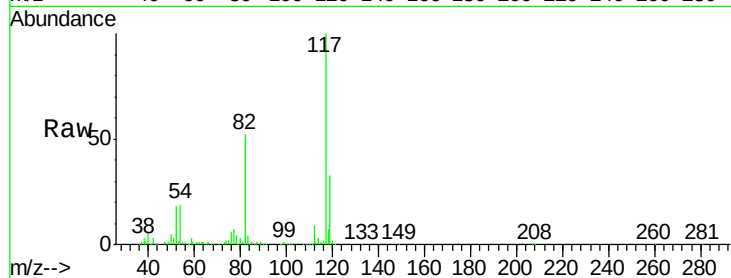
ClientSampleId :

VSTDCCC050

Tgt Ion:	117	Resp:	635164
Ion Ratio	Lower	Upper	
117	100		
82	51.7	42.0	63.0
119	32.7	25.5	38.3

Manual Integrations
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#64

Tetrachloroethene

Concen: 44.797 ug/l

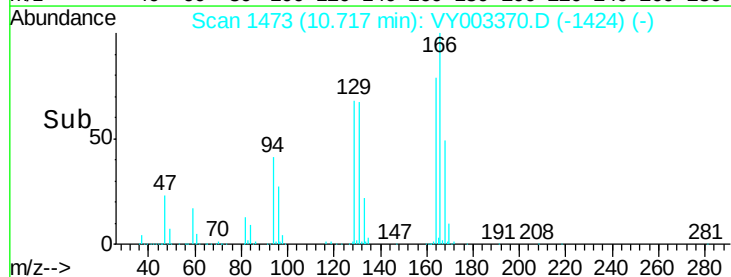
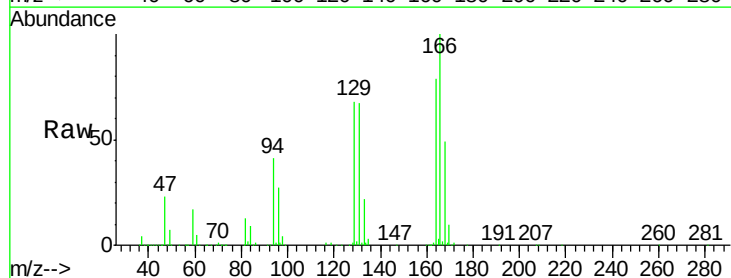
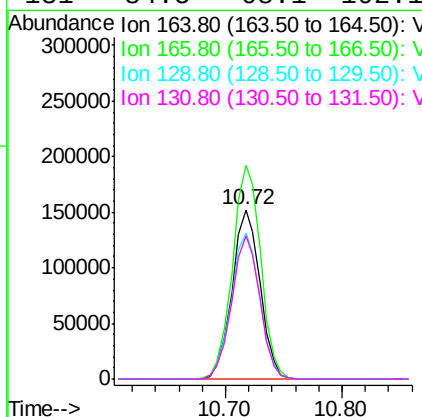
RT: 10.72 min Scan# 1473

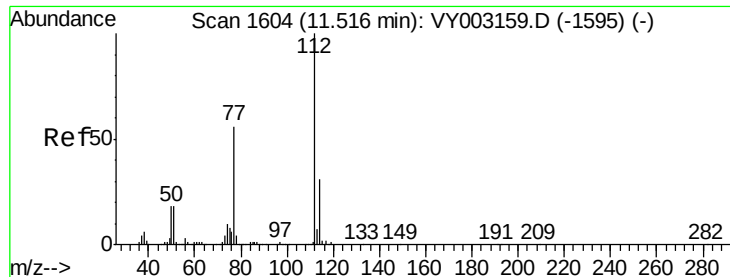
Delta R.T. 0.00 min

Lab File: VY003370.D

Acq: 28 Jul 2020 12:42

Tgt Ion:	164	Resp:	253702
Ion Ratio	Lower	Upper	
164	100		
166	126.2	102.9	154.3
129	86.0	71.4	107.2
131	84.5	68.1	102.1





#65

Chlorobenzene

Concen: 50.934 ug/l

RT: 11.52 min Scan# 1604

Delta R.T. 0.00 min

Lab File: VY003370.D

Acq: 28 Jul 2020 12:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:112 Resp: 623238

Ion Ratio Lower Upper

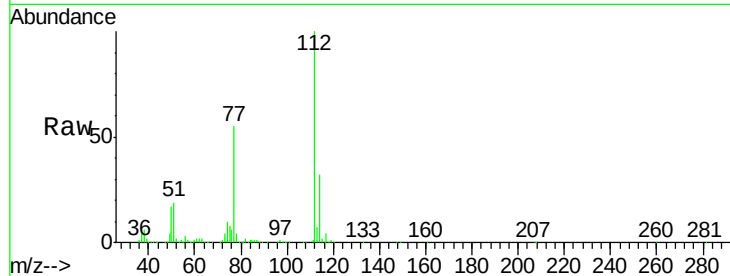
112 100

114 32.5 24.7 37.1

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

11.52

400000

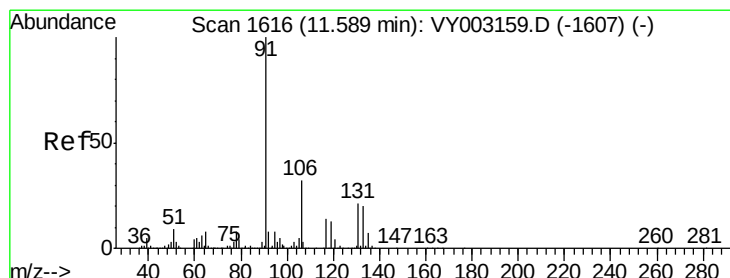
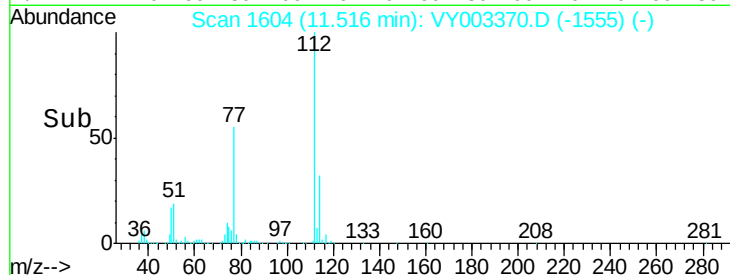
300000

200000

100000

0

Time--> 11.40 11.50 11.60



#66

1,1,1,2-Tetrachloroethane

Concen: 50.856 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. 0.00 min

Lab File: VY003370.D

Acq: 28 Jul 2020 12:42

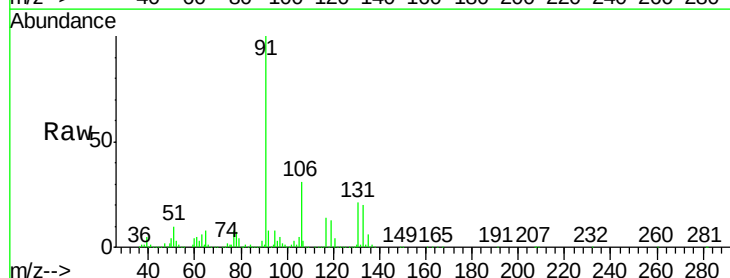
Tgt Ion:131 Resp: 241689

Ion Ratio Lower Upper

131 100

133 97.4 48.0 144.0

119 64.9 32.4 97.0



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

200000

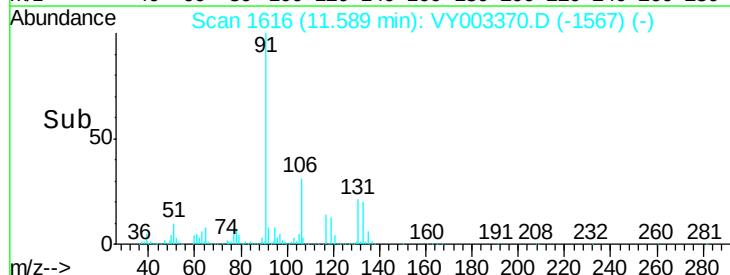
150000

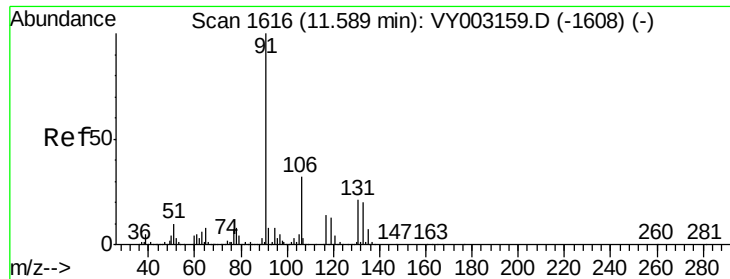
100000

50000

0

Time--> 11.50 11.60





#67

Ethyl Benzene

Concen: 52.331 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. 0.00 min

Lab File: VY003370.D

Acq: 28 Jul 2020 12:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 1143300

Ion Ratio Lower Upper

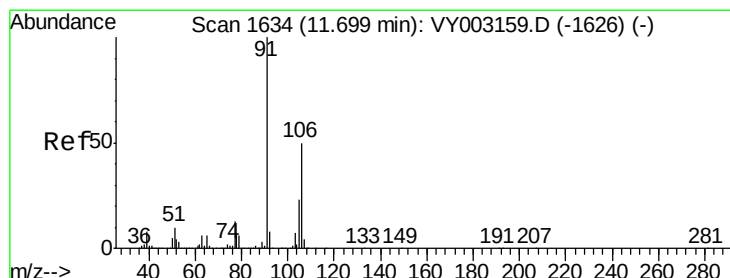
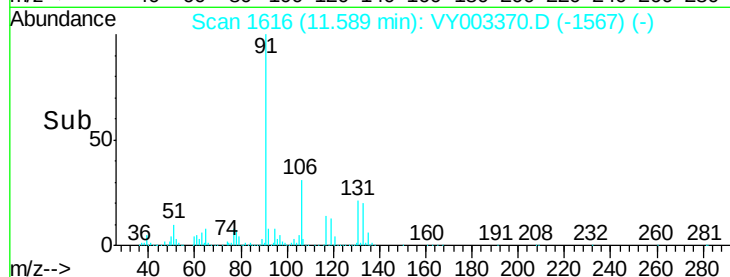
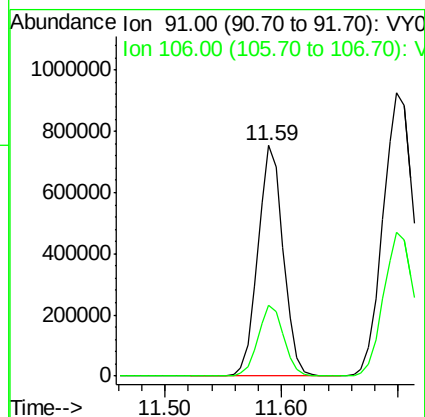
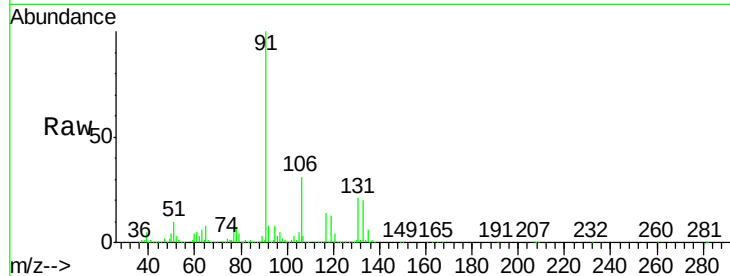
91 100

106 30.9 25.5 38.3

Manual Integrations
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#68

m/p-Xylenes

Concen: 103.416 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. 0.00 min

Lab File: VY003370.D

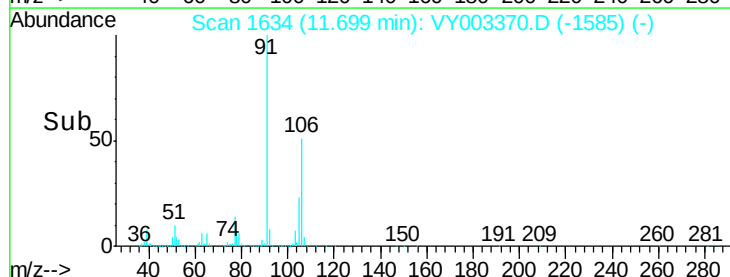
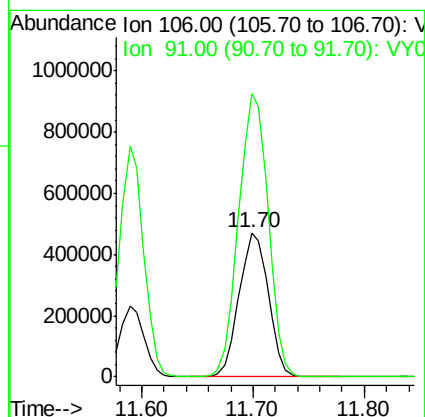
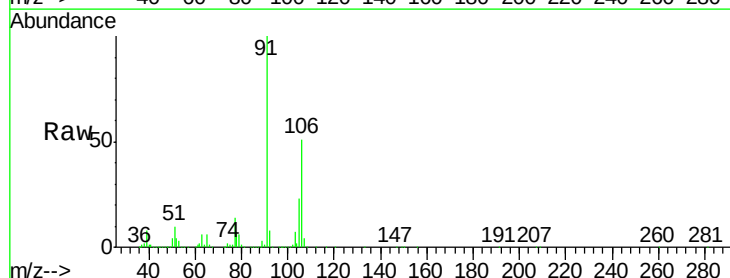
Acq: 28 Jul 2020 12:42

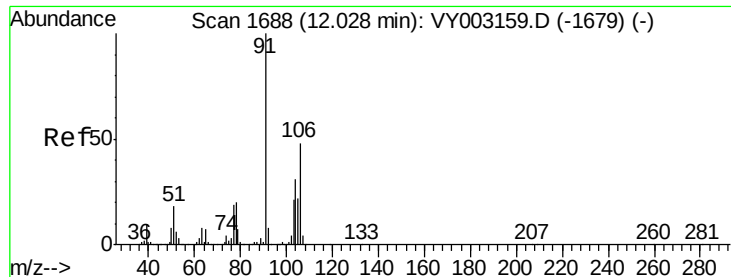
Tgt Ion: 106 Resp: 857275

Ion Ratio Lower Upper

106 100

91 199.2 159.0 238.6





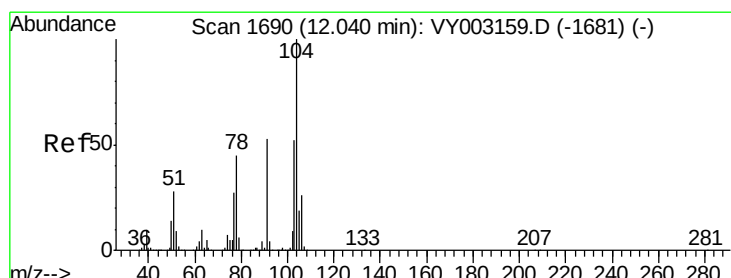
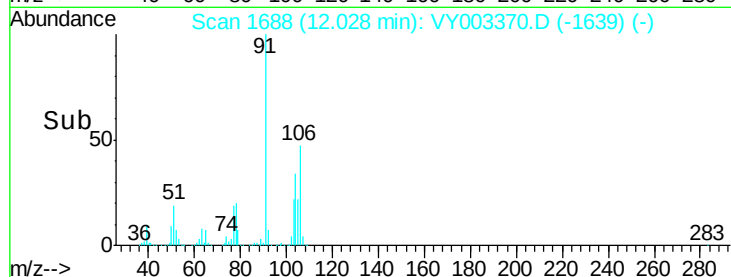
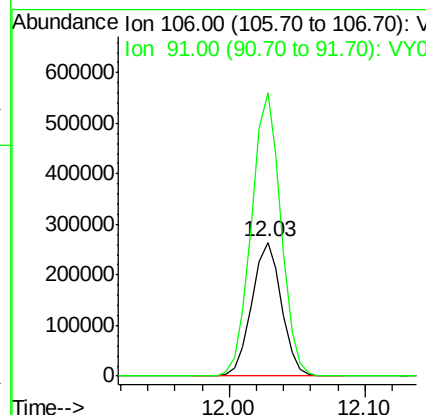
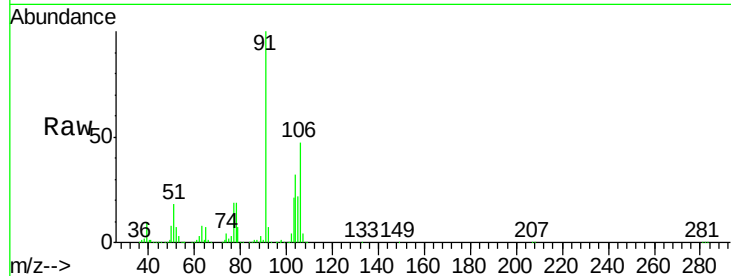
#69
o-Xylene
Concen: 52.377 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY003370.D
Acq: 28 Jul 2020 12:42

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 405624
Ion Ratio Lower Upper
106 100
91 210.0 105.1 315.1

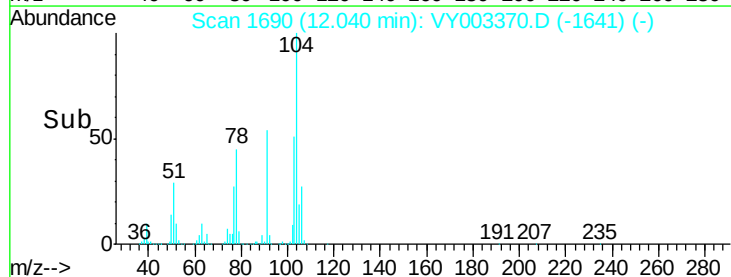
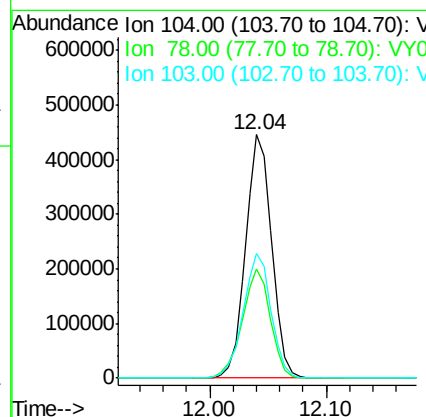
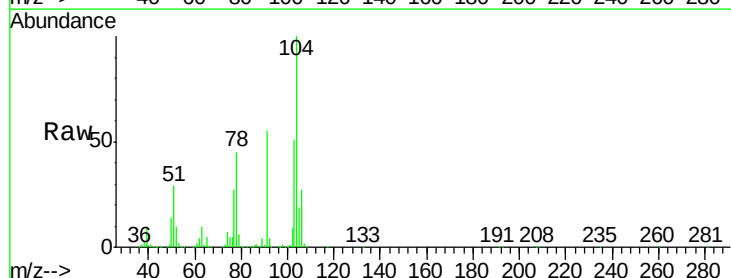
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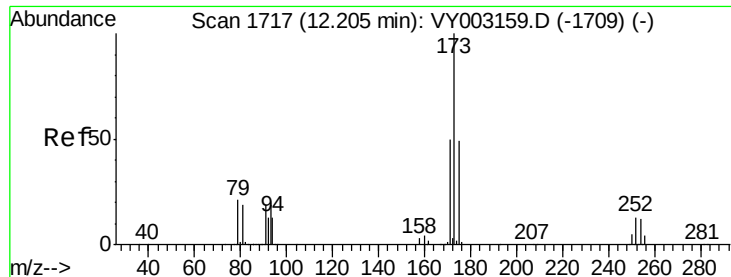
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#70
Styrene
Concen: 52.477 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY003370.D
Acq: 28 Jul 2020 12:42

Tgt Ion:104 Resp: 695199
Ion Ratio Lower Upper
104 100
78 48.4 38.5 57.7
103 54.6 43.9 65.9





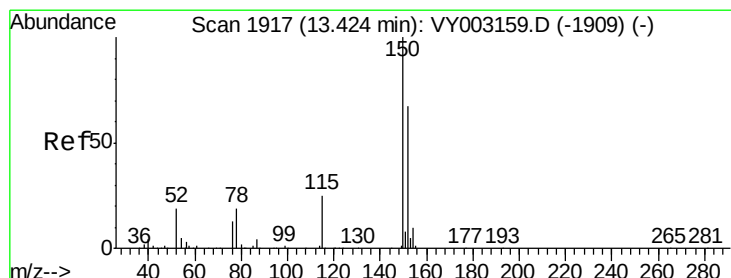
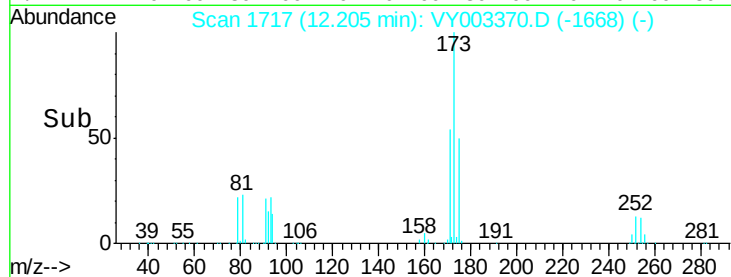
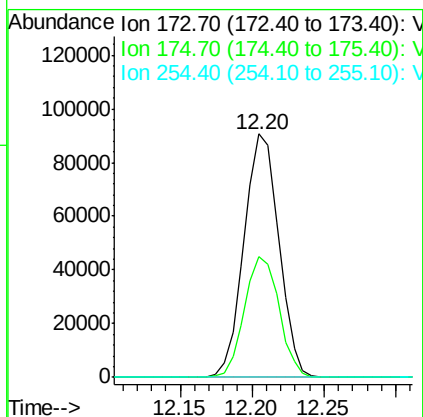
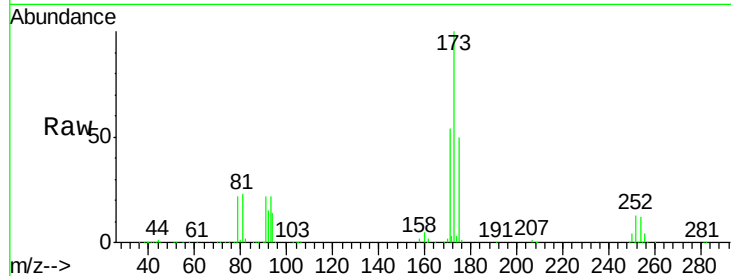
#71
Bromoform
Concen: 48.617 ug/l
RT: 12.20 min Scan# 1717
Delta R.T. 0.00 min
Lab File: VY003370.D
Acq: 28 Jul 2020 12:42

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
173	100	151645		
175	49.3	24.3	73.0	
254	0.2	0.2	0.2	

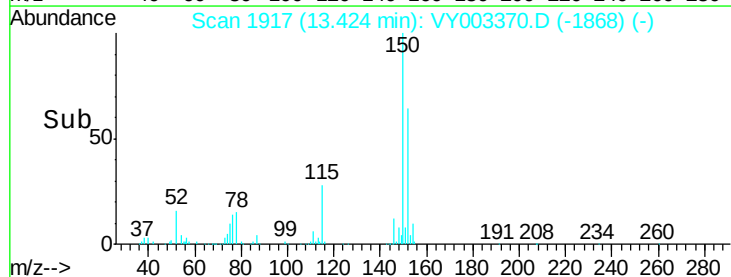
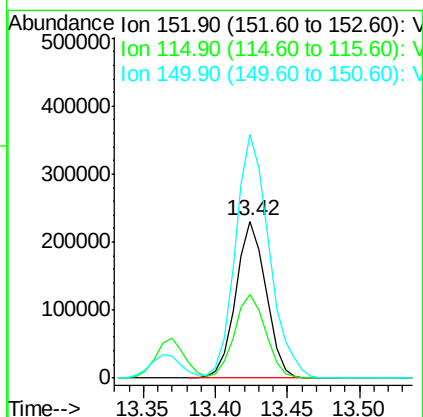
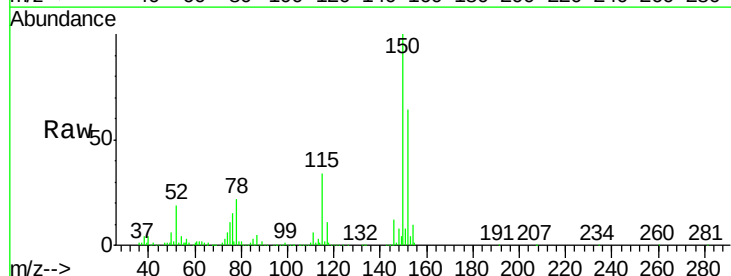
Manual Integrations
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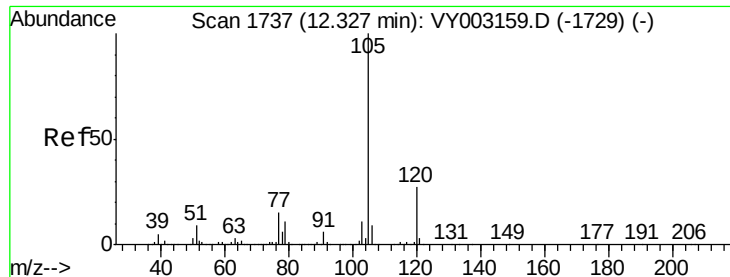
MMDadoda
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY003370.D
Acq: 28 Jul 2020 12:42

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	337089		
115	54.8	26.9	80.7	
150	173.2	0.0	338.0	





#73

Isopropylbenzene

Concen: 52.199 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY003370.D

Acq: 28 Jul 2020 12:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 105 Resp: 1121329

Ion Ratio Lower Upper

105 100

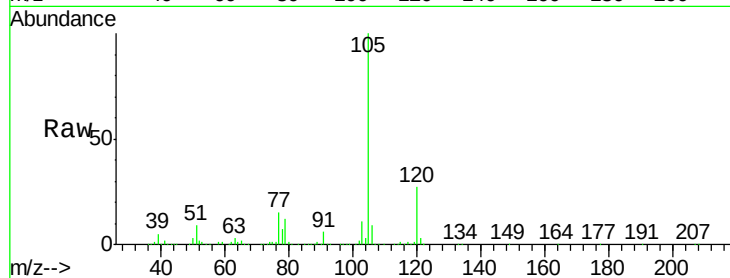
120 27.3 13.4 40.2

Manual Integrations

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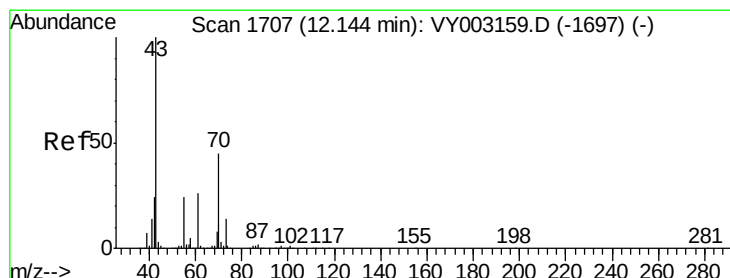
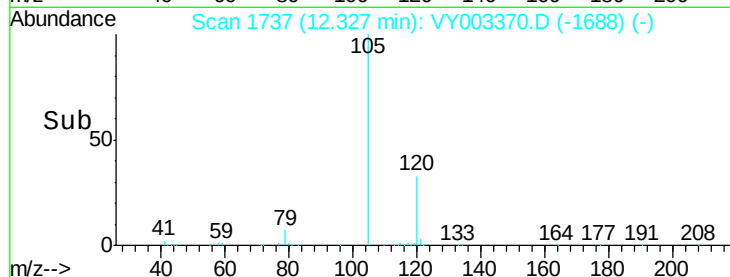
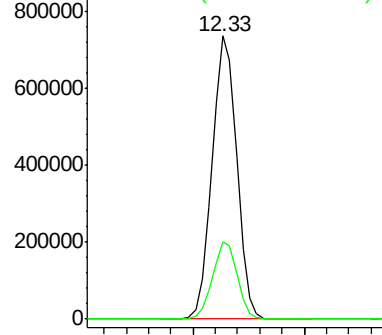
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 49.420 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VY003370.D

Acq: 28 Jul 2020 12:42

Tgt Ion: 43 Resp: 297874

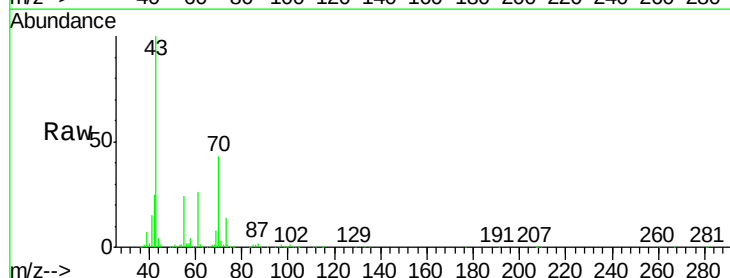
Ion Ratio Lower Upper

43 100

70 42.4 35.6 53.4

55 24.1 19.4 29.2

61 24.6 20.8 31.2

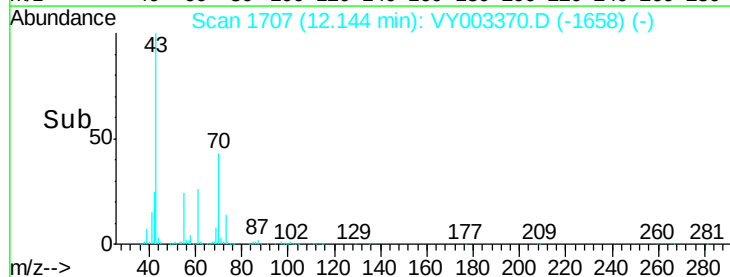
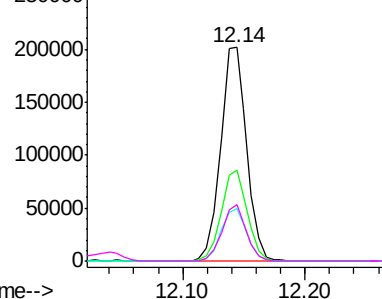


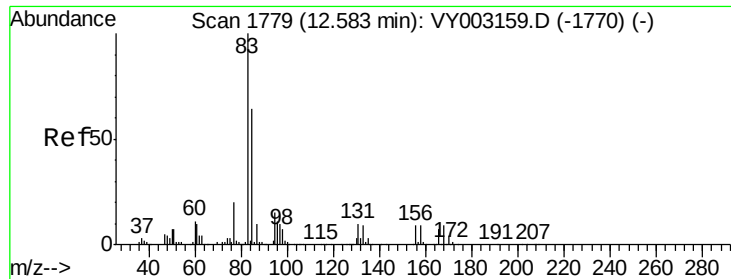
Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0





#75

1,1,2,2-Tetrachloroethane

Concen: 50.175 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY003370.D

Acq: 28 Jul 2020 12:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 208168

Ion Ratio Lower Upper

83 100

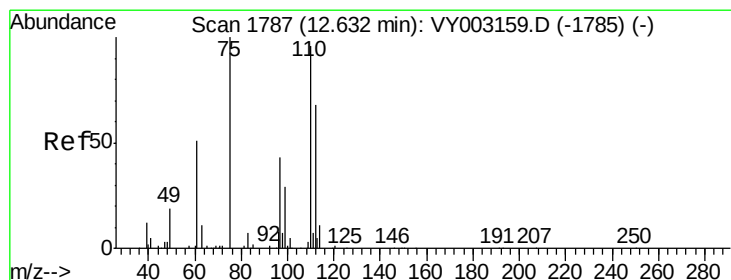
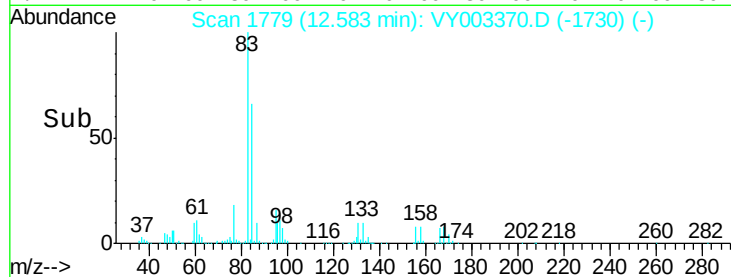
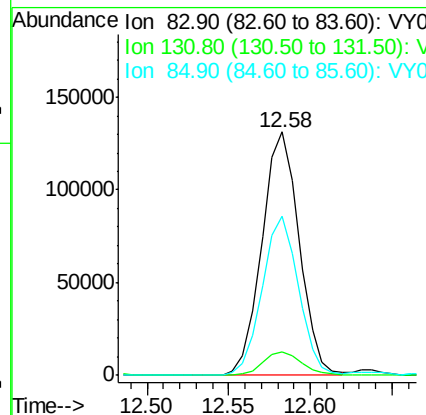
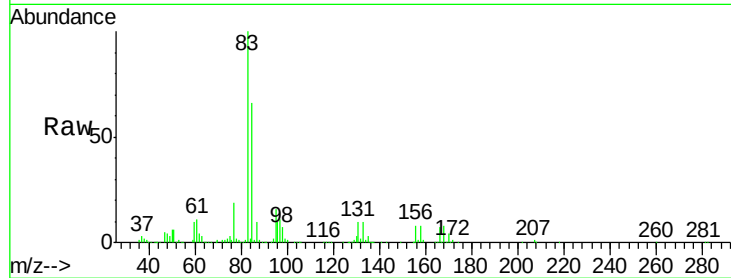
131 10.2 5.2 15.6

85 63.9 32.0 96.0

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 49.611 ug/l m

RT: 12.63 min Scan# 1787

Delta R.T. 0.00 min

Lab File: VY003370.D

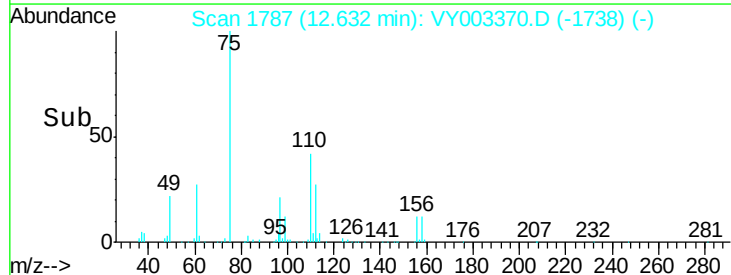
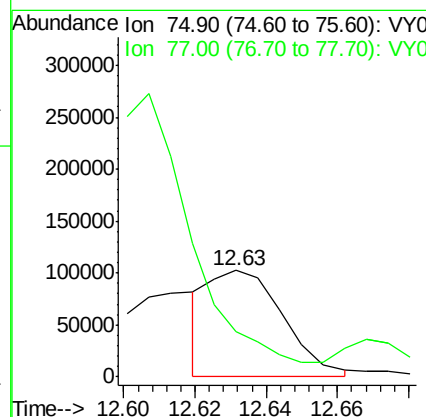
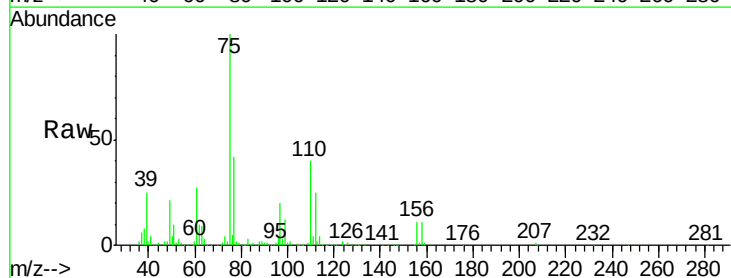
Acq: 28 Jul 2020 12:42

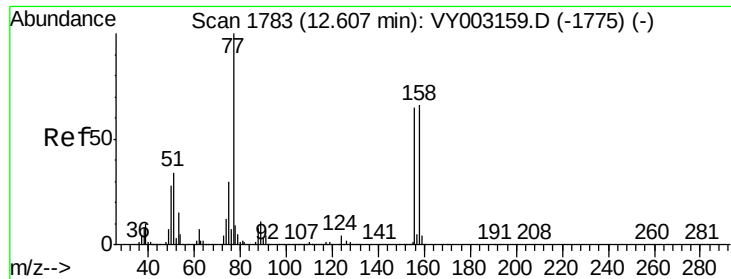
Tgt Ion: 75 Resp: 148029

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 50.724 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY003370.D

Acq: 28 Jul 2020 12:42

Instrument :

MSVOA_Y

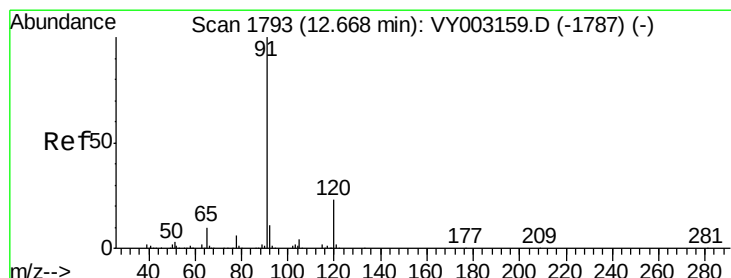
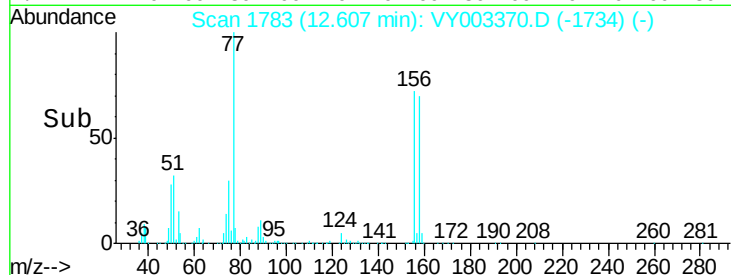
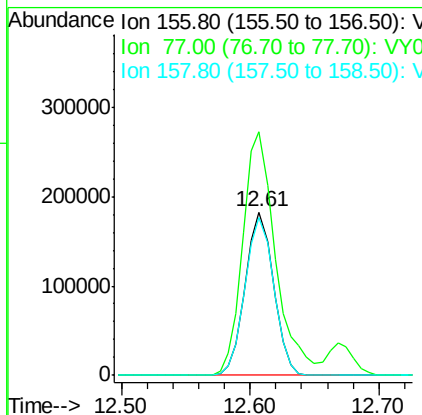
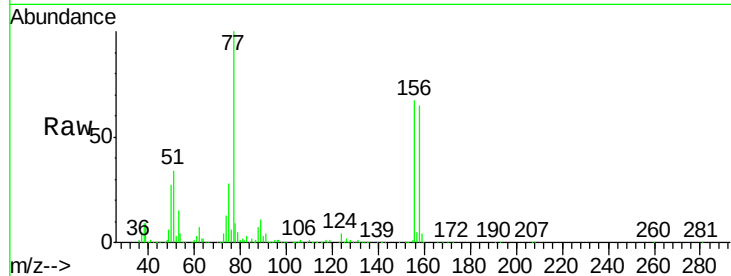
ClientSampleId :

VSTDCCC050

Tgt Ion:	156	Resp:	277751
Ion Ratio	Lower	Upper	
156	100		
77	172.0	86.6	259.7
158	98.4	49.4	148.0

Manual Integrations
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#78

n-propylbenzene

Concen: 52.683 ug/l

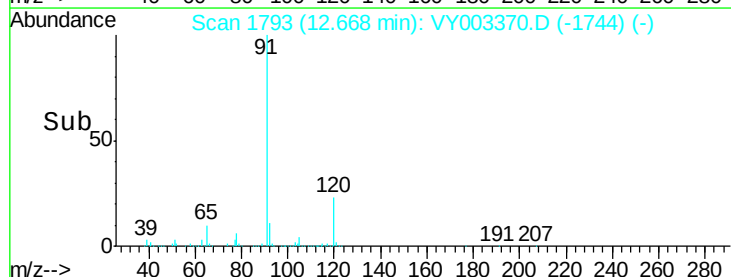
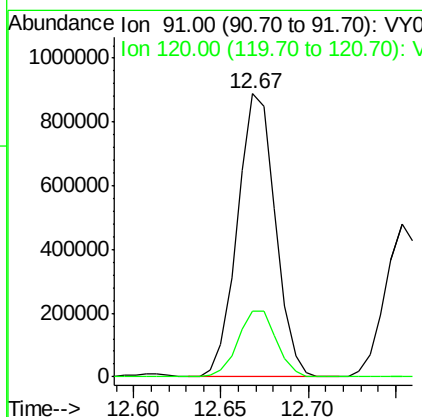
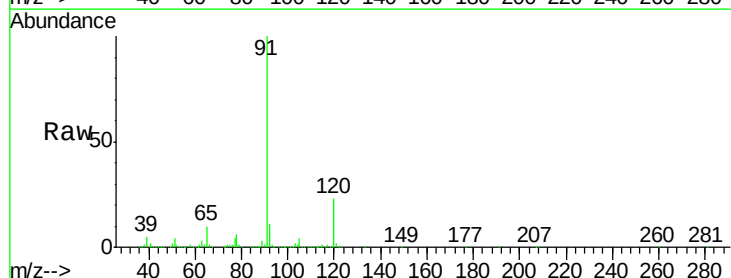
RT: 12.67 min Scan# 1793

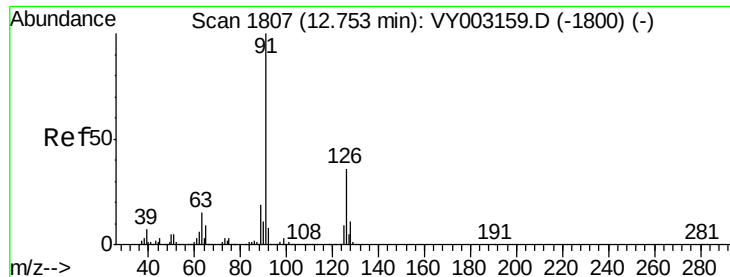
Delta R.T. 0.00 min

Lab File: VY003370.D

Acq: 28 Jul 2020 12:42

Tgt Ion:	91	Resp:	1334017
Ion Ratio	Lower	Upper	
91	100		
120	23.6	11.7	35.1





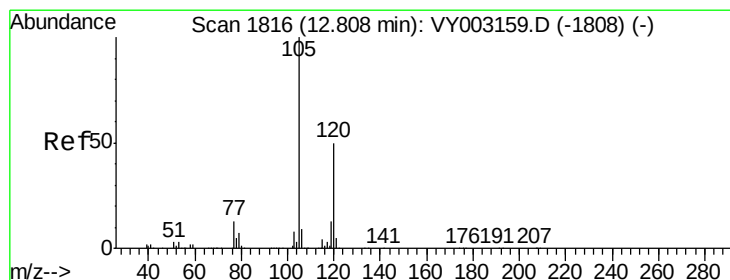
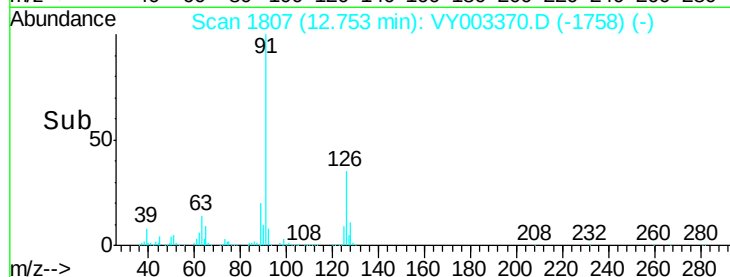
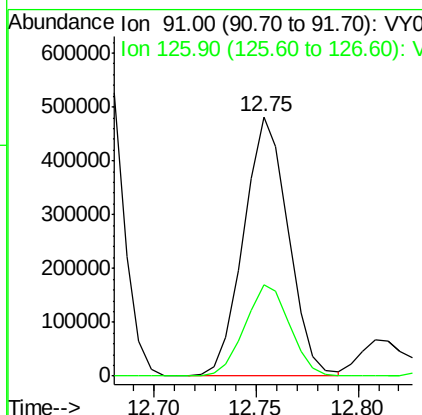
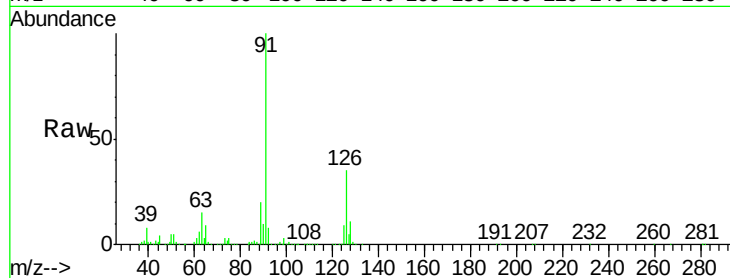
#79
 2-Chlorotoluene
 Concen: 51.797 ug/l
 RT: 12.75 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VY003370.D
 Acq: 28 Jul 2020 12:42

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 91 Resp: 731768
 Ion Ratio Lower Upper
 91 100
 126 35.7 17.6 52.9

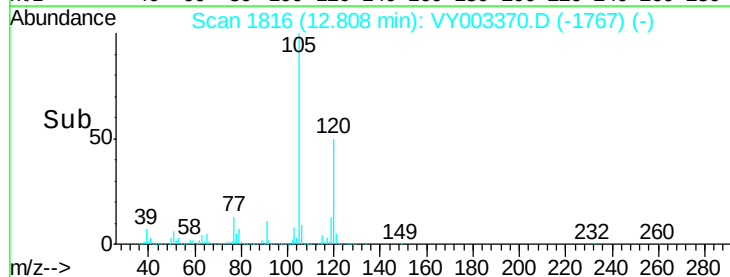
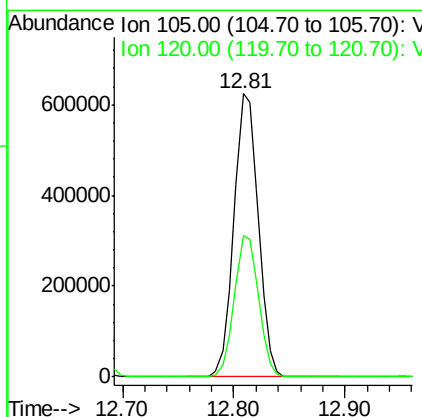
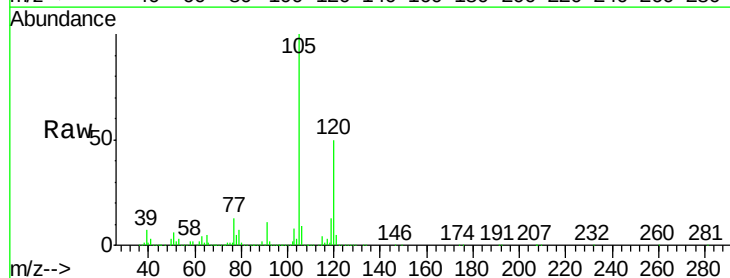
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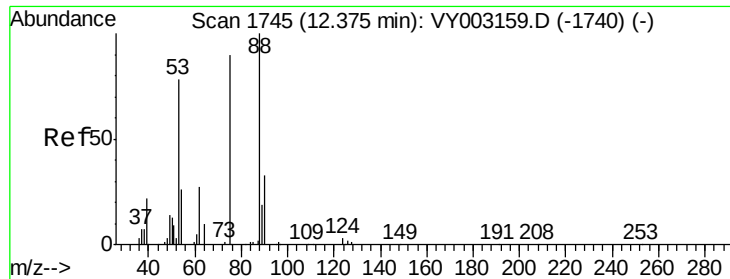
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#80
 1,3,5-Trimethylbenzene
 Concen: 52.660 ug/l
 RT: 12.81 min Scan# 1816
 Delta R.T. 0.00 min
 Lab File: VY003370.D
 Acq: 28 Jul 2020 12:42

Tgt Ion: 105 Resp: 942818
 Ion Ratio Lower Upper
 105 100
 120 49.7 24.9 74.6





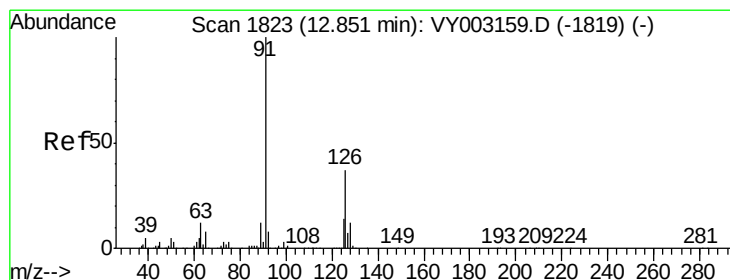
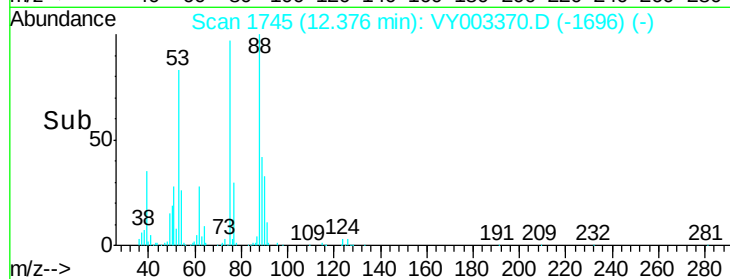
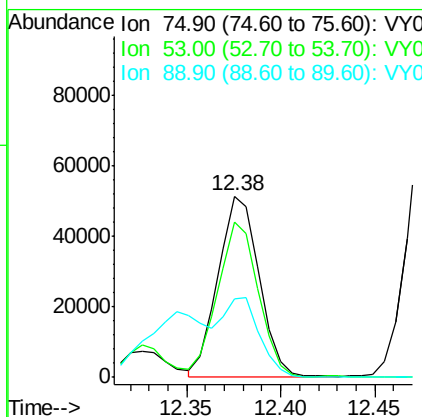
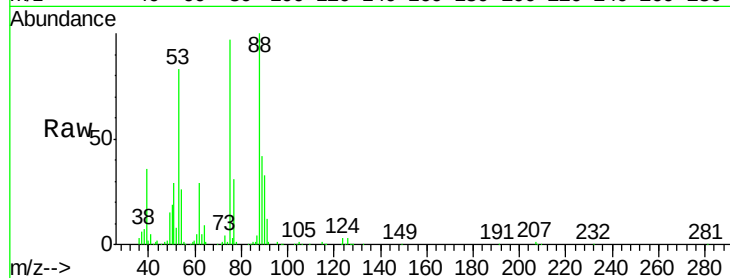
#81
trans-1,4-Dichloro-2-butene
Concen: 50.506 ug/l
RT: 12.38 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VY003370.D
Acq: 28 Jul 2020 12:42

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
75	100		
53	84.7	72.0	108.0
89	39.9	37.3	55.9

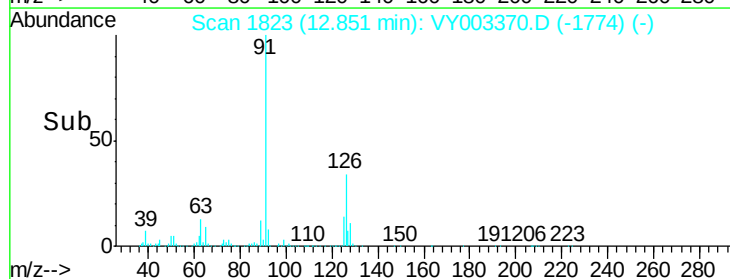
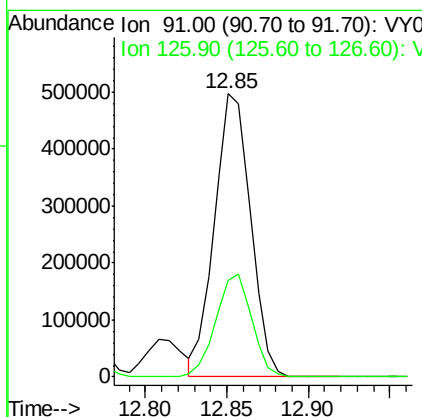
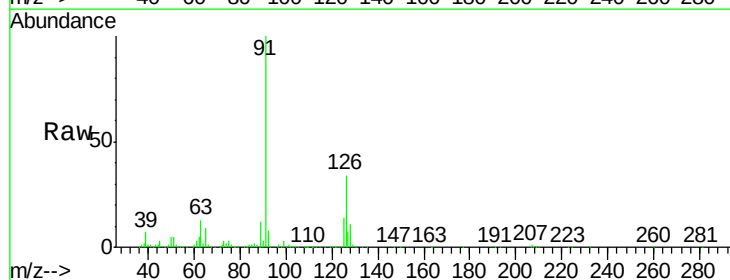
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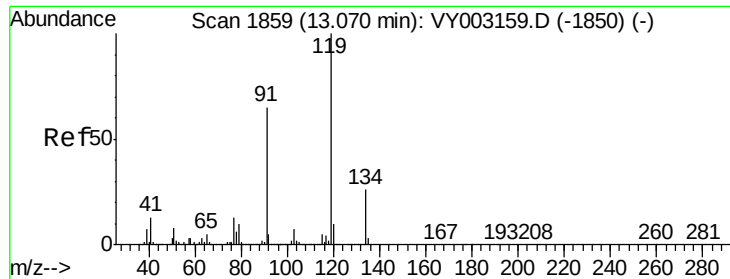
MMDadoda
7/29/2020 7:07:22 PM



#82
4-Chlorotoluene
Concen: 52.060 ug/l
RT: 12.85 min Scan# 1823
Delta R.T. 0.00 min
Lab File: VY003370.D
Acq: 28 Jul 2020 12:42

Tgt Ion	Ratio	Lower	Upper
91	100		
126	36.0	17.9	53.7





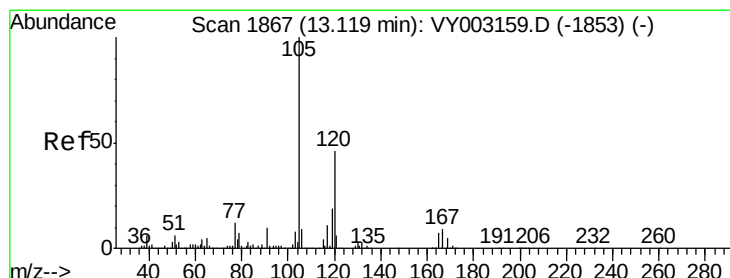
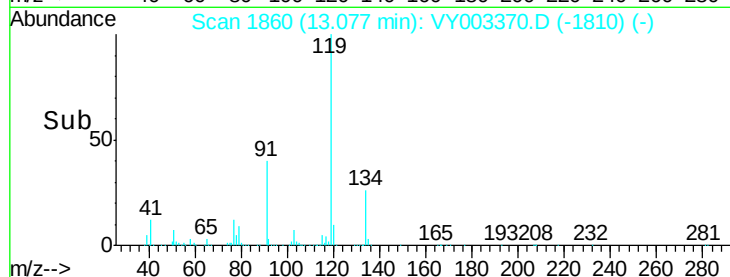
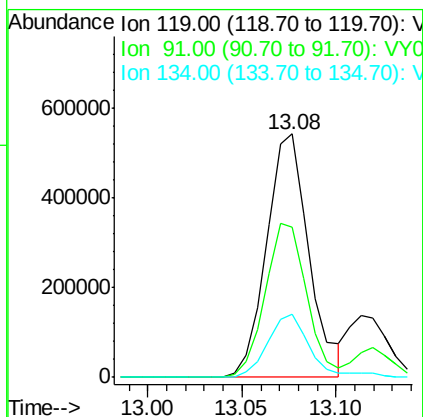
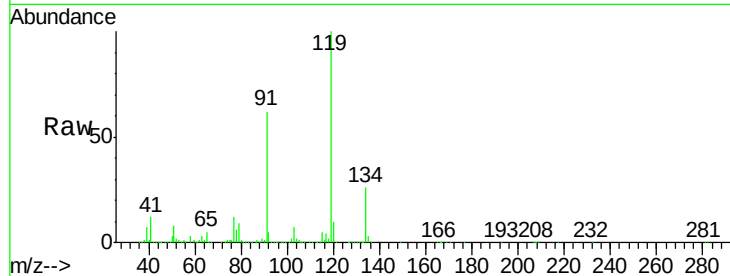
#83
 tert-Butylbenzene
 Concen: 53.575 ug/l
 RT: 13.08 min Scan# 1860
 Delta R.T. 0.01 min
 Lab File: VY003370.D
 Acq: 28 Jul 2020 12:42

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
119	100		
91	62.0	30.8	92.4
134	26.3	13.2	39.6

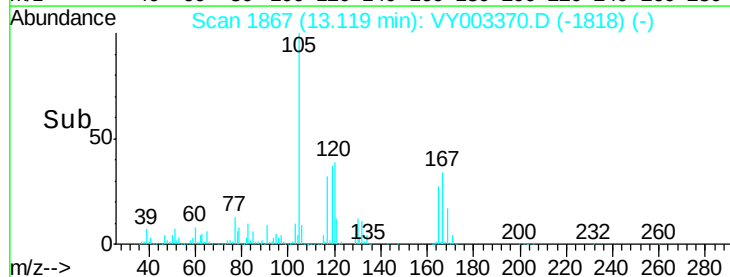
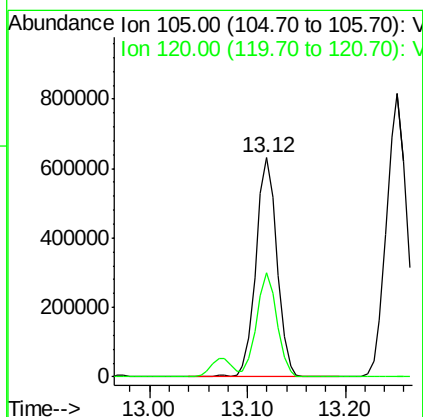
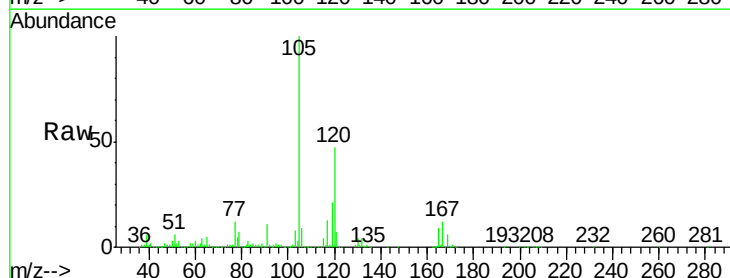
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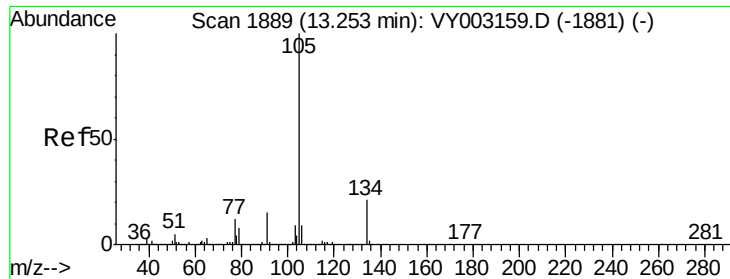
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#84
 1,2,4-Trimethylbenzene
 Concen: 52.248 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VY003370.D
 Acq: 28 Jul 2020 12:42

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.7	22.5	67.5





#85

sec-Butylbenzene

Concen: 54.057 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VY003370.D

Acq: 28 Jul 2020 12:42

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 1173737

Ion Ratio Lower Upper

105 100

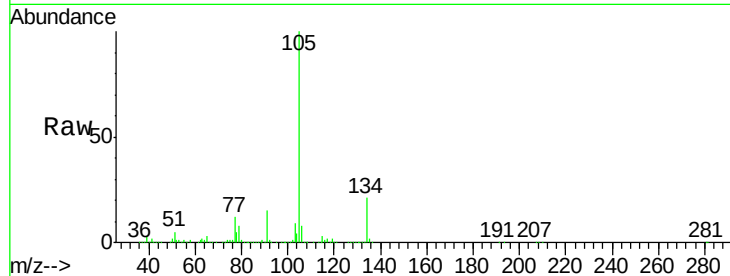
134 20.7 10.4 31.4

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

800000

600000

400000

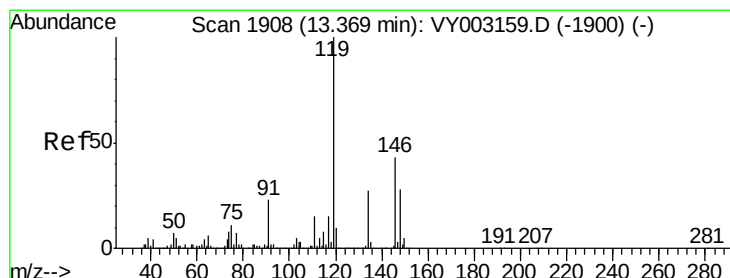
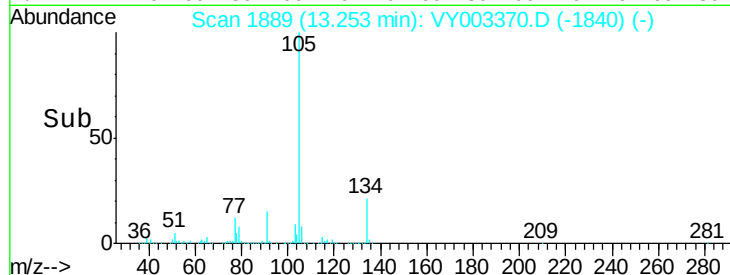
200000

0

13.25

13.20 13.25 13.30

Time-->



#86

p-Isopropyltoluene

Concen: 53.098 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY003370.D

Acq: 28 Jul 2020 12:42

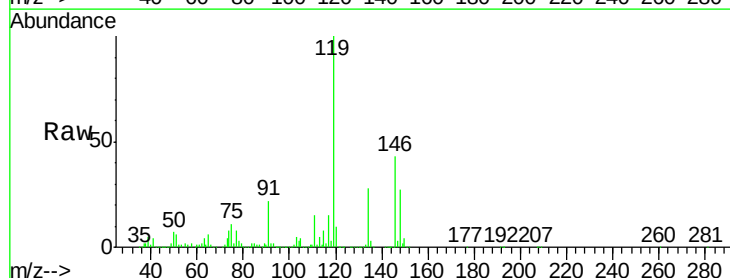
Tgt Ion:119 Resp: 1076500

Ion Ratio Lower Upper

119 100

134 27.2 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

1000000

800000

600000

400000

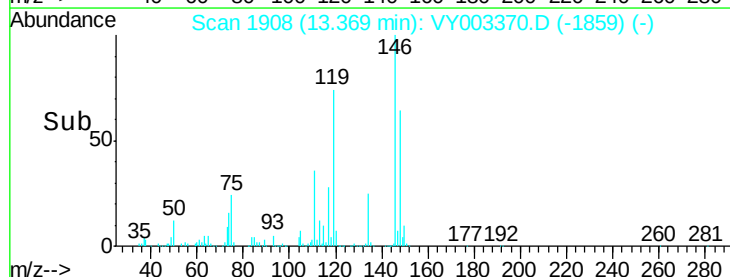
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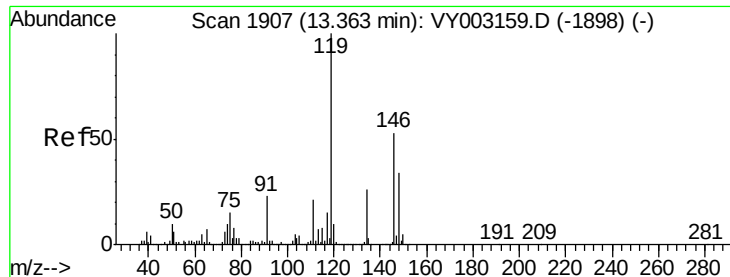
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13.37

13.30 13.35 13.40

Time-->





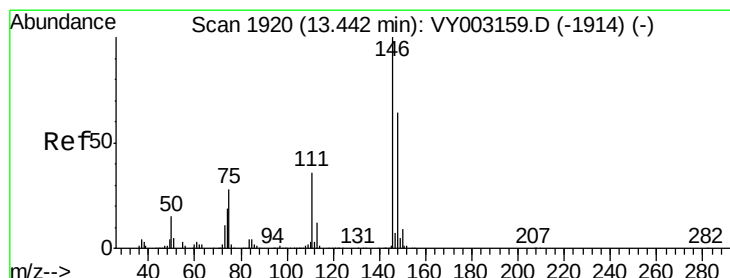
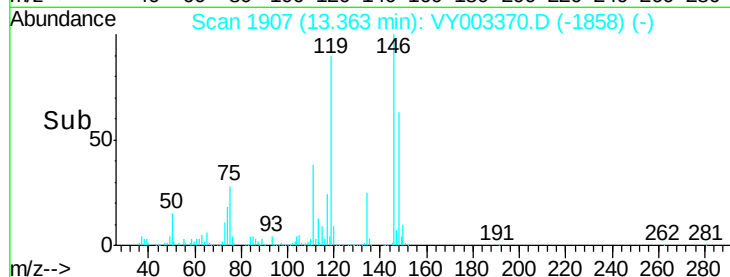
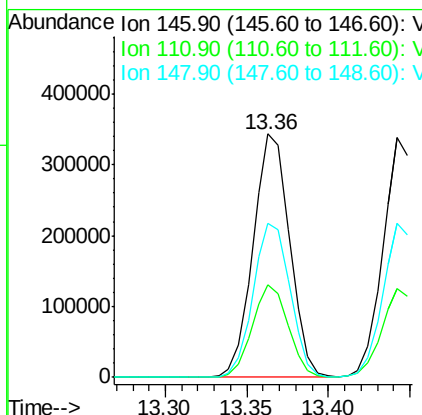
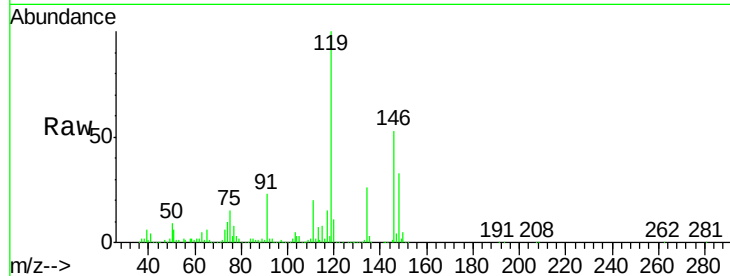
#87
 1,3-Dichlorobenzene
 Concen: 51.730 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VY003370.D
 Acq: 28 Jul 2020 12:42

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.3	18.8	56.3
148	64.0	32.3	96.9

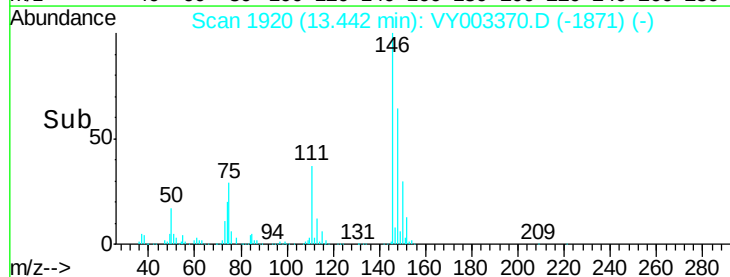
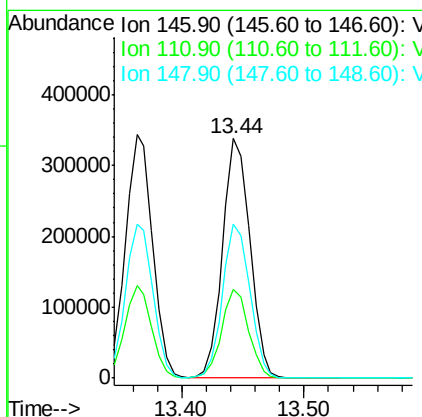
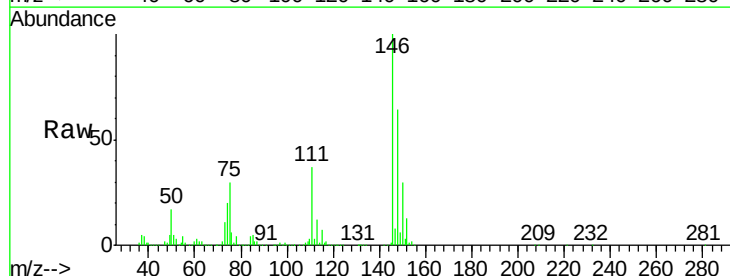
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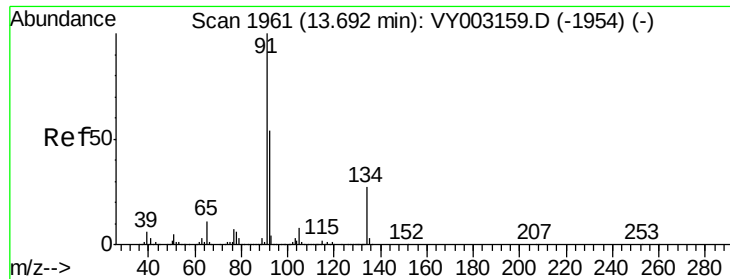
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#88
 1,4-Dichlorobenzene
 Concen: 51.200 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. 0.00 min
 Lab File: VY003370.D
 Acq: 28 Jul 2020 12:42

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.8	18.4	55.0
148	64.3	32.0	96.0





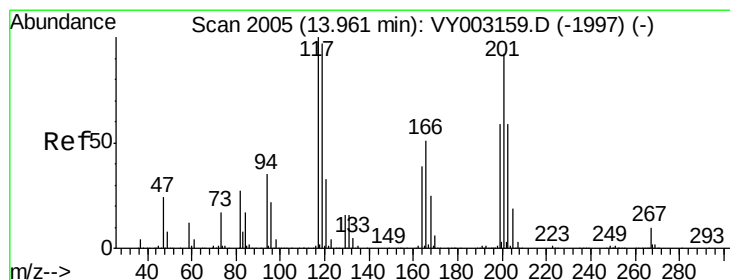
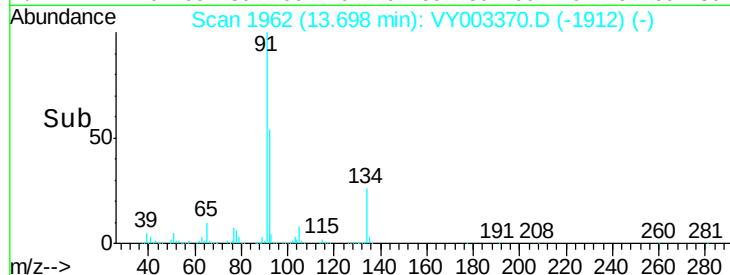
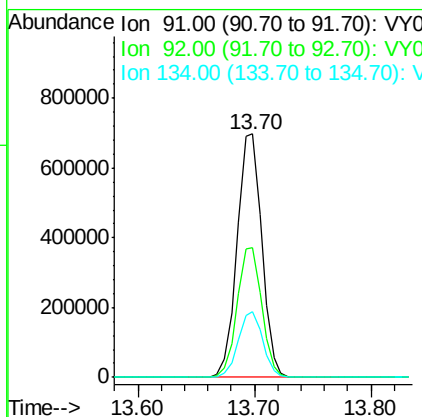
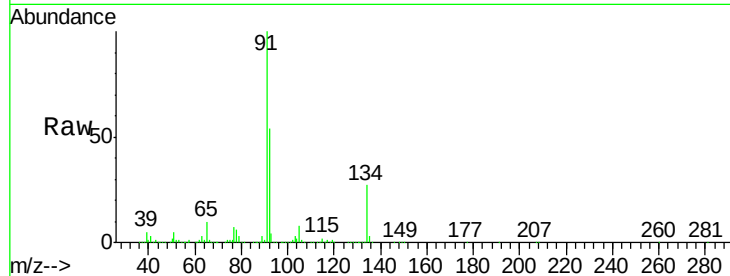
#89
n-Butylbenzene
Concen: 54.320 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. 0.01 min
Lab File: VY003370.D
Acq: 28 Jul 2020 12:42

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
91	100		
92	53.2	26.9	80.7
134	26.7	13.6	40.7

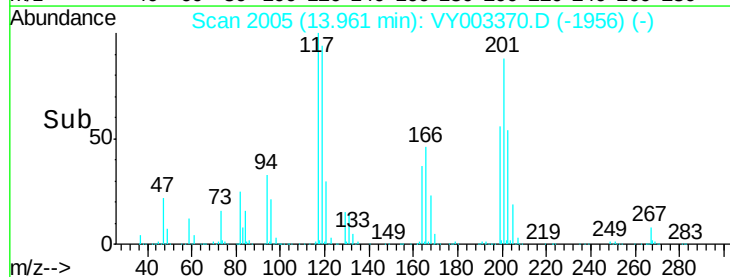
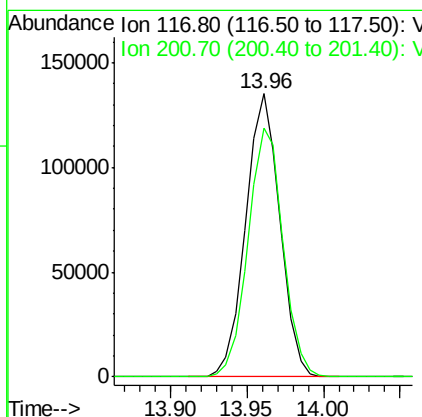
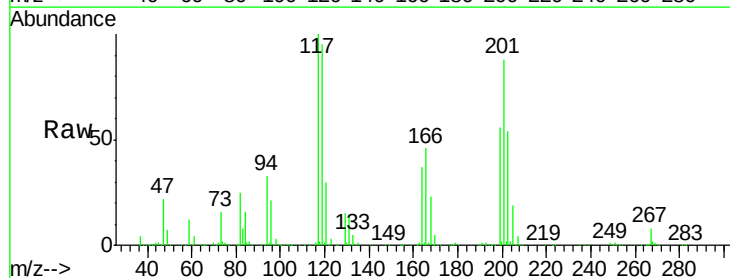
Manual Integrations
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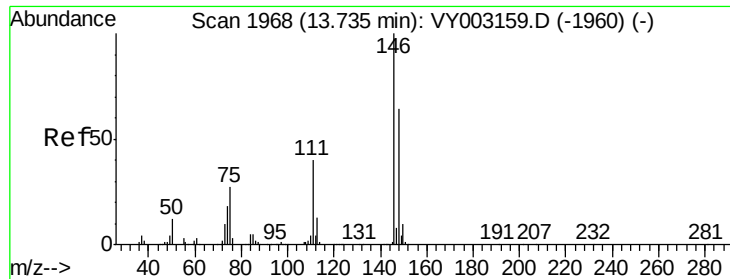
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#90
Hexachloroethane
Concen: 56.832 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. 0.00 min
Lab File: VY003370.D
Acq: 28 Jul 2020 12:42

Tgt Ion	Ratio	Lower	Upper
117	100		
201	89.6	45.1	135.3





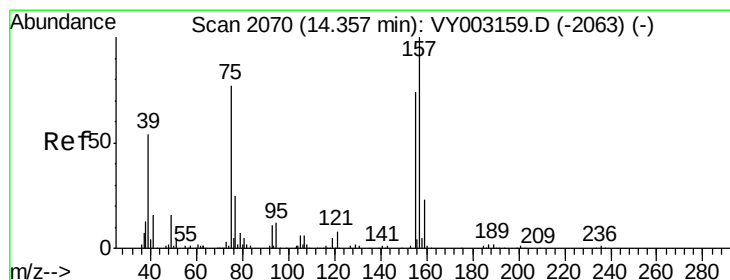
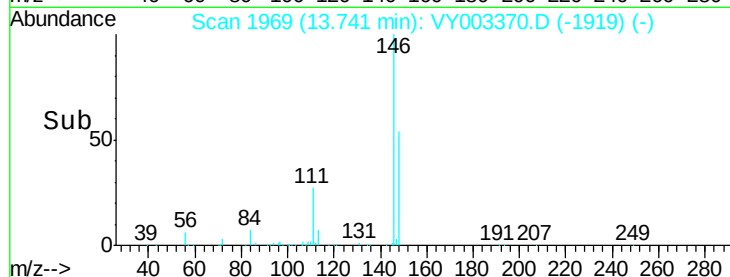
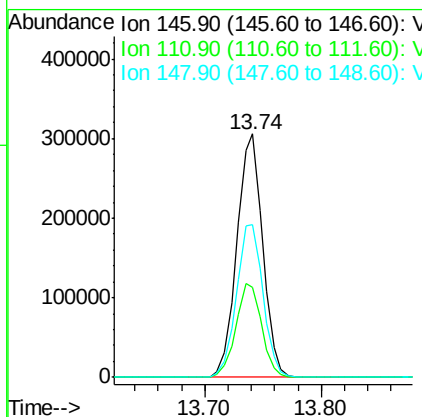
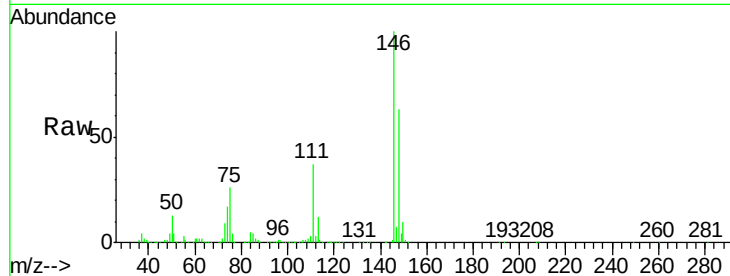
#91
 1,2-Dichlorobenzene
 Concen: 51.834 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. 0.01 min
 Lab File: VY003370.D
 Acq: 28 Jul 2020 12:42

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	471022		
111	38.5	19.6	58.8	
148	65.0	32.4	97.0	

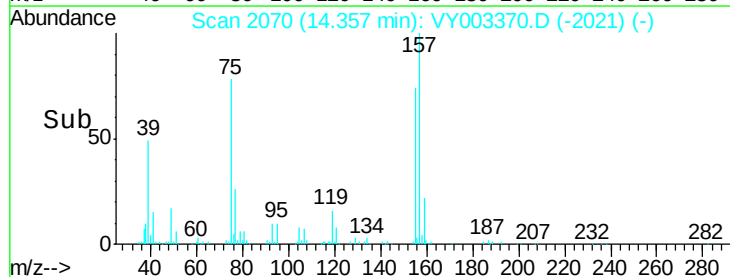
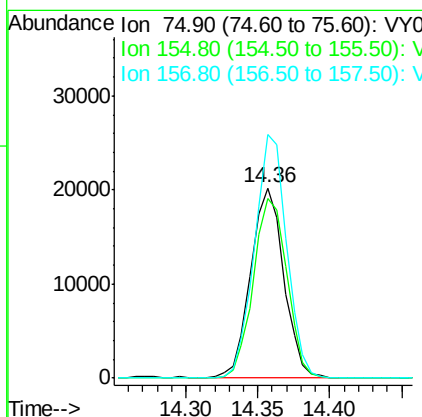
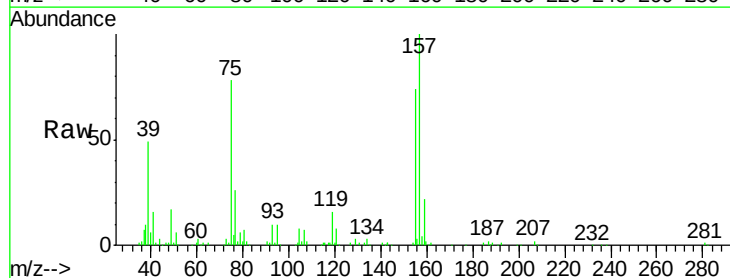
Manual Integrations
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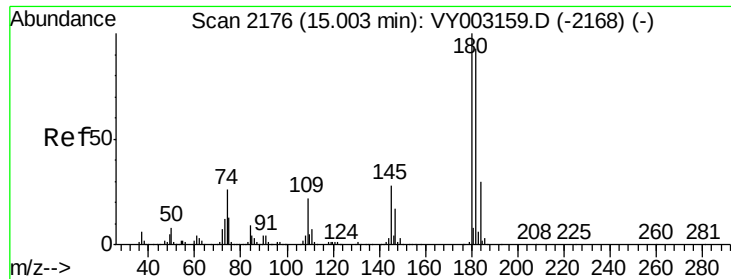
MMDadoda
 7/29/2020 7:07:22 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.807 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. 0.00 min
 Lab File: VY003370.D
 Acq: 28 Jul 2020 12:42

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	32156		
155	95.3	48.1	144.3	
157	124.1	61.9	185.6	





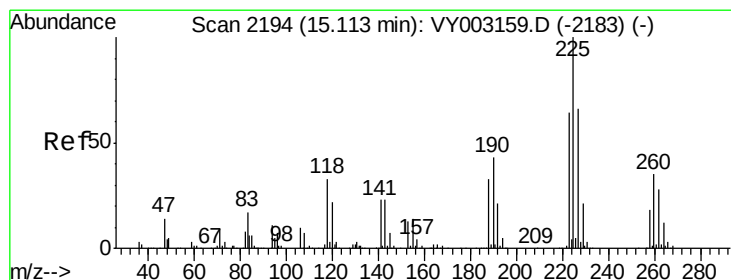
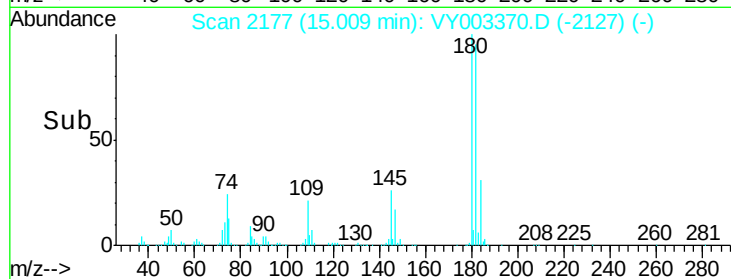
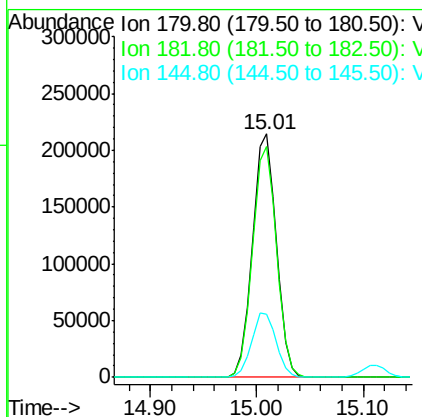
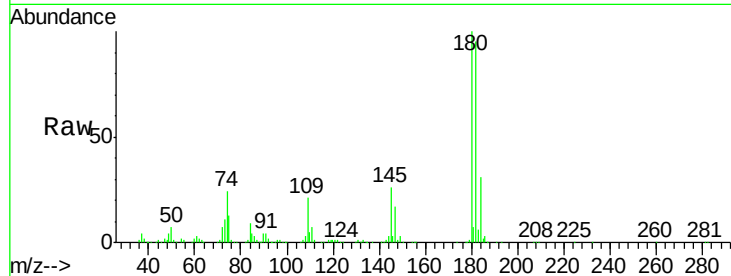
#93
 1,2,4-Trichlorobenzene
 Concen: 52.186 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.01 min
 Lab File: VY003370.D
 Acq: 28 Jul 2020 12:42

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	337363		
182	95.5	47.3	142.0	
145	27.3	13.7	41.1	

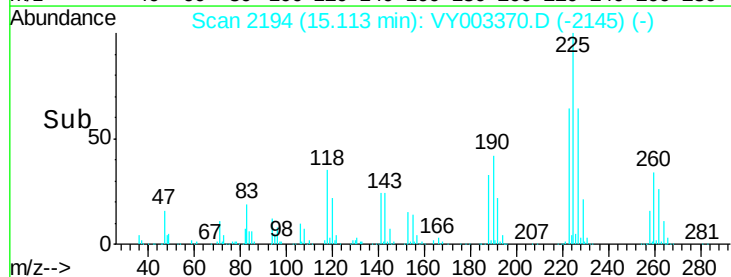
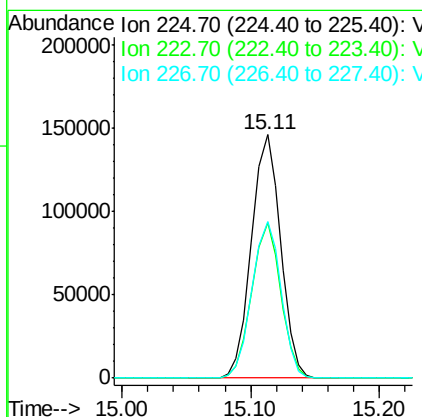
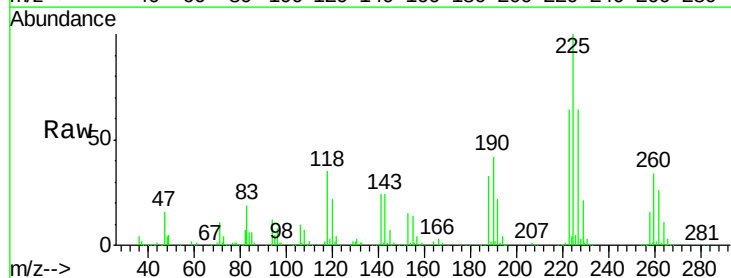
Manual Integrations
 APPROVED

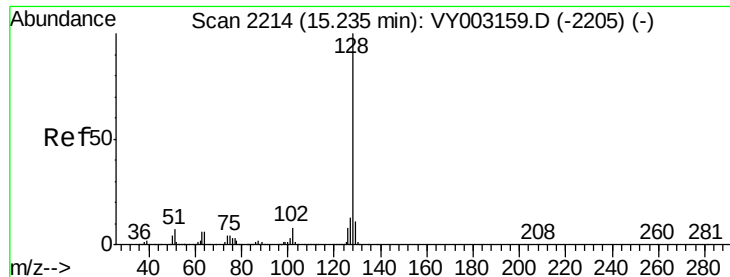
MMDadoda
 7/29/2020 7:07:22 PM



#94
 Hexachlorobutadiene
 Concen: 51.434 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.00 min
 Lab File: VY003370.D
 Acq: 28 Jul 2020 12:42

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	227836		
223	63.6	31.6	94.7	
227	64.3	32.3	96.8	





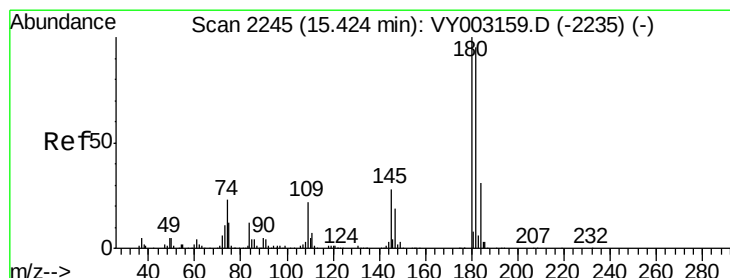
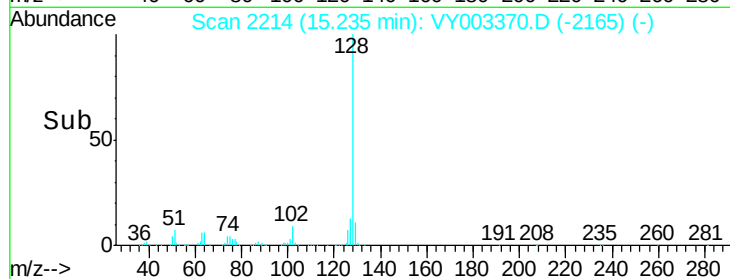
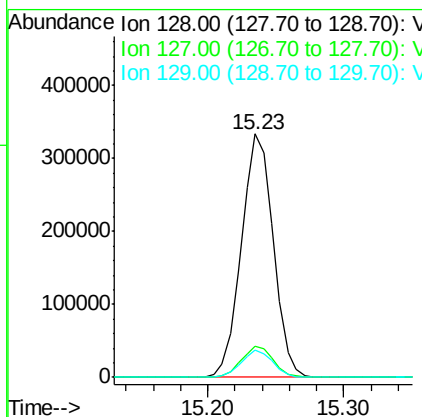
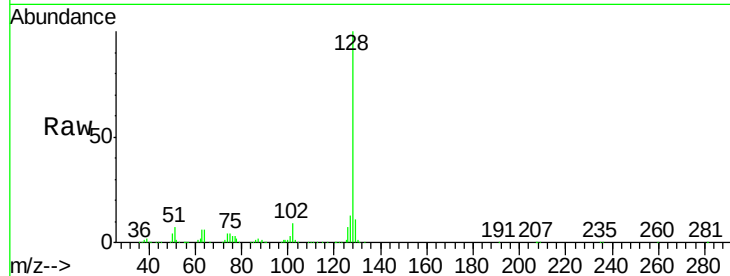
#95
Naphthalene
Concen: 51.069 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY003370.D
Acq: 28 Jul 2020 12:42

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.9	16.3
129	11.0	9.0	13.6

Manual Integrations
APPROVED

MMDadoda
7/29/2020 7:07:22 PM



#96
1,2,3-Trichlorobenzene
Concen: 52.809 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. 0.00 min
Lab File: VY003370.D
Acq: 28 Jul 2020 12:42

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	48.8	146.3
145	28.8	14.9	44.5

