

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY052820\
 Data File : VY002783.D
 Acq On : 28 May 2020 11:21
 Operator : SY/MD
 Sample : VY0528SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0528SBS01

Manual Integrations
 APPROVED

MMDadoda
 5/29/2020 10:57:05 AM

Quant Time: May 28 17:22:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y052720S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 13:13:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	303879	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	447212	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	415822	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	225862	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.14	65	125338	47.50	ug/l	0.00
Spiked Amount			Recovery	=	95.00%	
35) Dibromofluoromethane	7.72	113	129554	49.43	ug/l	0.00
Spiked Amount			Recovery	=	98.86%	
50) Toluene-d8	10.18	98	509388	48.07	ug/l	0.00
Spiked Amount			Recovery	=	96.14%	
62) 4-Bromofluorobenzene	12.48	95	176966	48.87	ug/l	0.00
Spiked Amount			Recovery	=	97.74%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	44504	21.284	ug/l	99
3) Chloromethane	2.11	50	49596	21.444	ug/l	98
4) Vinyl Chloride	2.26	62	53261	21.788	ug/l	100
5) Bromomethane	2.65	94	38397	20.960	ug/l	98
6) Chloroethane	2.79	64	31790	20.061	ug/l	99
7) Trichlorofluoromethane	3.13	101	87331	20.171	ug/l	94
8) Diethyl Ether	3.54	74	31582	18.682	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.90	101	53598	20.850	ug/l	99
10) Methyl Iodide	4.10	142	65025	18.078	ug/l	98
11) Tert butyl alcohol	4.97	59	29365	95.665	ug/l #	84
12) 1,1-Dichloroethene	3.88	96	53279	20.610	ug/l	97
13) Acrolein	3.74	56	32511	105.144	ug/l	97
14) Allyl chloride	4.49	41	75415	20.340	ug/l	99
15) Acrylonitrile	5.18	53	77211	101.239	ug/l	98
16) Acetone	3.96	43	61175	98.877	ug/l	99
17) Carbon Disulfide	4.20	76	159383	20.403	ug/l	100
18) Methyl Acetate	4.49	43	34472	21.656	ug/l	100
19) Methyl tert-butyl Ether	5.23	73	144968	20.313	ug/l	96
20) Methylene Chloride	4.72	84	58908	19.483	ug/l	97
21) trans-1,2-Dichloroethene	5.23	96	58778	20.218	ug/l	99
22) Diisopropyl ether	6.12	45	159132	20.654	ug/l	91
23) Vinyl Acetate	6.07	43	526098	103.422	ug/l	98
24) 1,1-Dichloroethane	6.02	63	92600	20.545	ug/l	99
25) 2-Butanone	6.99	43	95129	98.688	ug/l	100
26) 2,2-Dichloropropane	6.99	77	85219	19.715	ug/l	100
27) cis-1,2-Dichloroethene	6.99	96	65356	20.081	ug/l	99
28) Bromochloromethane	7.34	49	40658	21.974	ug/l	98
29) Tetrahydrofuran	7.35	42	64513	102.891	ug/l	100
30) Chloroform	7.51	83	98039	20.499	ug/l	100
31) Cyclohexane	7.78	56	89682	20.041	ug/l	95
32) 1,1,1-Trichloroethane	7.71	97	89119	19.996	ug/l	100
36) 1,1-Dichloropropene	7.92	75	76926	20.420	ug/l	99
37) Ethyl Acetate	7.08	43	44049	21.491	ug/l	100
38) Carbon Tetrachloride	7.91	117	82010	19.596	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.18	83	100078	20.155	ug/l	98
40) Benzene	8.16	78	228828	20.557	ug/l	98
41) Methacrylonitrile	7.32	41	18322m	16.639	ug/l	
42) 1,2-Dichloroethane	8.24	62	63513	20.359	ug/l	99
43) Isopropyl Acetate	8.28	43	79326	20.423	ug/l	100
44) Trichloroethene	8.94	130	71119	20.227	ug/l	97
45) 1,2-Dichloropropane	9.22	63	53300	19.967	ug/l	99
46) Dibromomethane	9.31	93	32452	20.470	ug/l	99
47) Bromodichloromethane	9.50	83	75902	20.309	ug/l	99
48) Methyl methacrylate	9.30	41	35791	20.412	ug/l	99
49) 1,4-Dioxane	9.30	88	9720	399.307	ug/l	97
51) 4-Methyl-2-Pentanone	10.07	43	213689	103.898	ug/l	99
52) Toluene	10.24	92	147072	20.197	ug/l	98
53) t-1,3-Dichloropropene	10.47	75	82768	20.276	ug/l	98
54) cis-1,3-Dichloropropene	9.93	75	95207	20.583	ug/l	98
55) 1,1,2-Trichloroethane	10.64	97	49484	20.388	ug/l	99
56) Ethyl methacrylate	10.51	69	66780	20.542	ug/l	98
57) 1,3-Dichloropropane	10.79	76	81526	20.422	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	162828	102.507	ug/l	100
59) 2-Hexanone	10.83	43	150534	103.155	ug/l	99
60) Dibromochloromethane	10.99	129	62634	20.355	ug/l	99
61) 1,2-Dibromoethane	11.09	107	48794	20.380	ug/l	100
64) Tetrachloroethene	10.72	164	76201	20.163	ug/l	98
65) Chlorobenzene	11.52	112	164179	19.976	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	62228	20.104	ug/l	98
67) Ethyl Benzene	11.59	91	286021	20.074	ug/l	100
68) m/p-Xylenes	11.70	106	227747	41.227	ug/l	97
69) o-Xylene	12.03	106	106299	20.383	ug/l	100
70) Styrene	12.05	104	184074	20.361	ug/l	99
71) Bromoform	12.21	173	42221	20.385	ug/l #	100
73) Isopropylbenzene	12.33	105	289173	19.979	ug/l	99
74) N-amyl acetate	12.14	43	75611	20.359	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	52081	20.508	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	42962m	21.110	ug/l	
77) Bromobenzene	12.61	156	74916	19.878	ug/l	99
78) n-propylbenzene	12.67	91	338447	20.243	ug/l	99
79) 2-Chlorotoluene	12.75	91	187923	20.037	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	244910	20.265	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	22622	20.942	ug/l	95
82) 4-Chlorotoluene	12.86	91	199575	20.311	ug/l	99
83) tert-Butylbenzene	13.08	119	214114	19.862	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	246222	20.262	ug/l	100
85) sec-Butylbenzene	13.25	105	297830	20.206	ug/l	100
86) p-Isopropyltoluene	13.37	119	279419	20.373	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	144515	20.243	ug/l	100
88) 1,4-Dichlorobenzene	13.45	146	146094	20.457	ug/l	99
89) n-Butylbenzene	13.70	91	255577	20.525	ug/l	100
90) Hexachloroethane	13.96	117	52362	20.393	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	132272	20.430	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	10212	20.901	ug/l	96

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QLast Update : Wed May 27 13:13:33 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	99650	20.420	ug/l	100
94) Hexachlorobutadiene	15.11	225	56671	20.475	ug/l	99
95) Naphthalene	15.23	128	197913	20.227	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	87986	20.190	ug/l	99

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

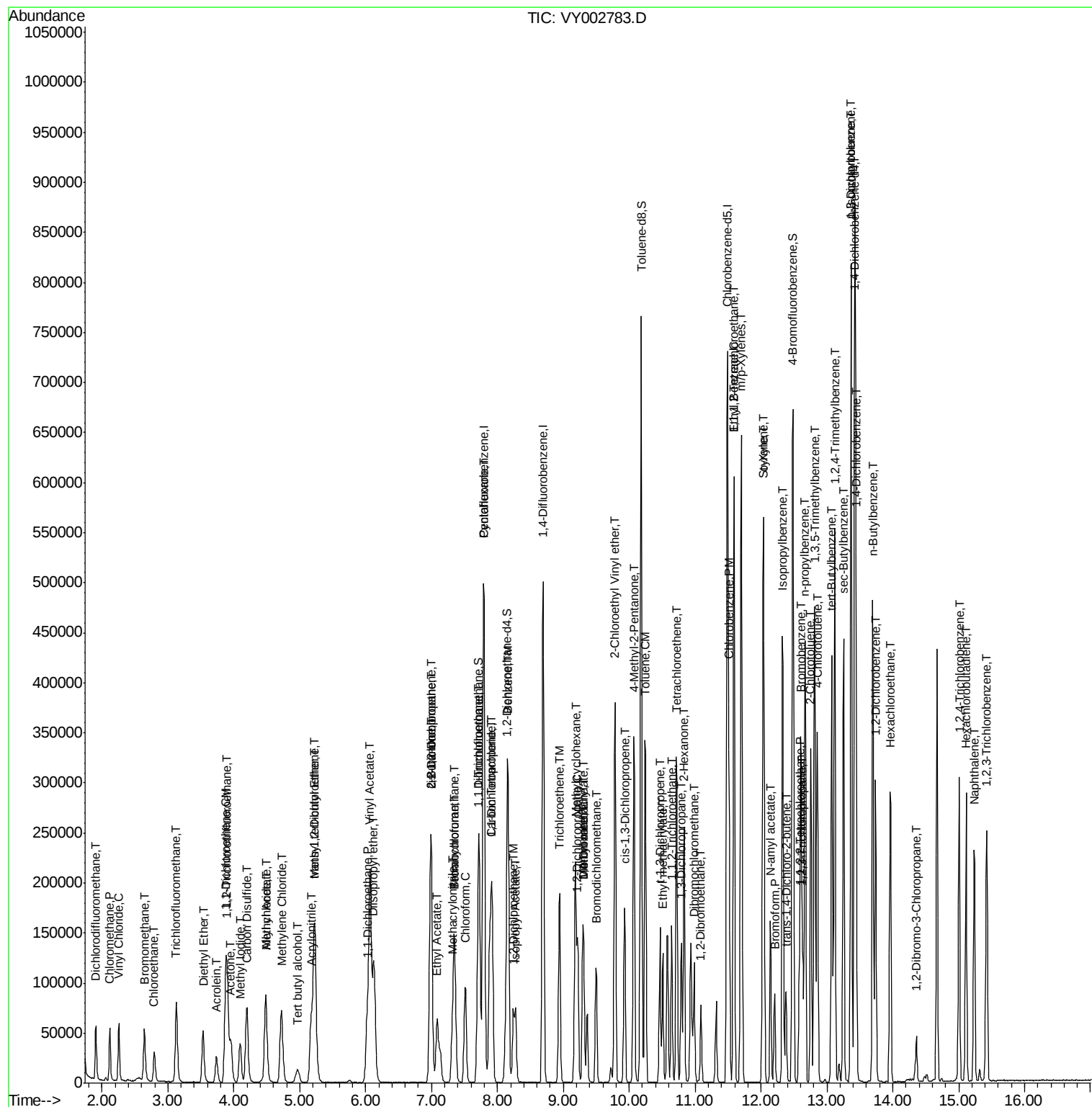
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY052820\
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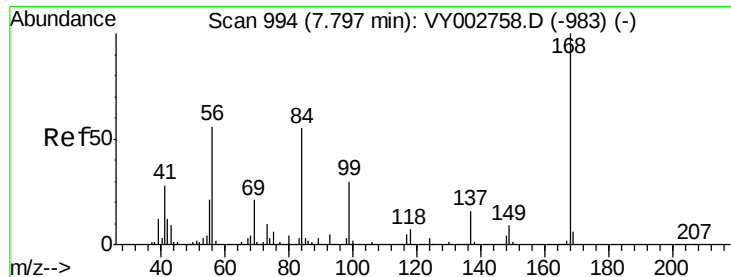
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

Lab File: VY002783.D

Acq: 28 May 2020 11:21

Instrument :

MSVOA_Y

ClientSampleId :

VY0528SBS01

Tot Ion:168 Resp: 303879

Ion Ratio Lower Upper

168 100

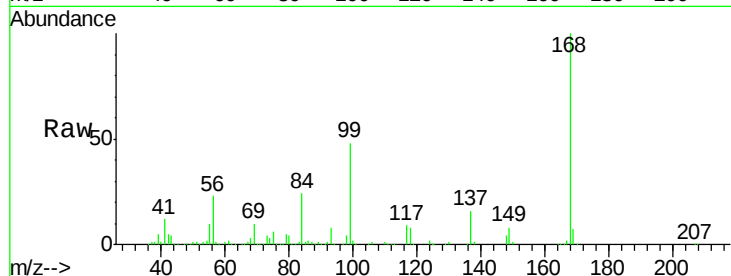
99 48.2 39.0 58.4

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

7.80

150000

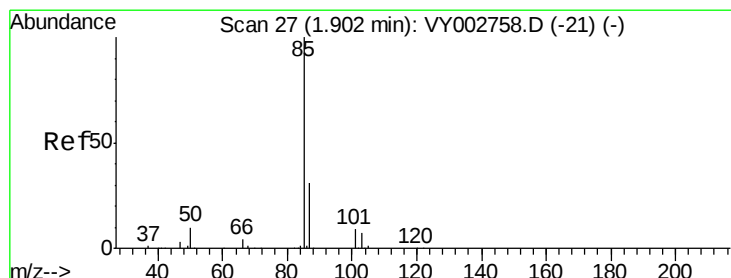
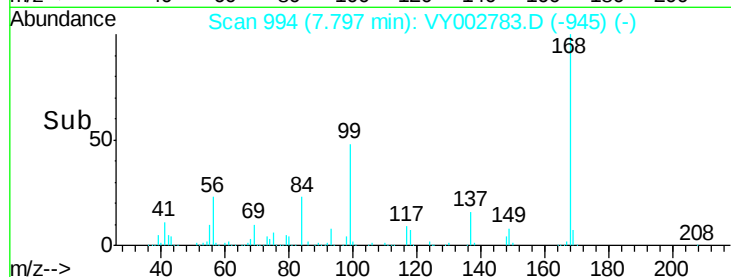
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50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 21.284 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.01 min

Lab File: VY002783.D

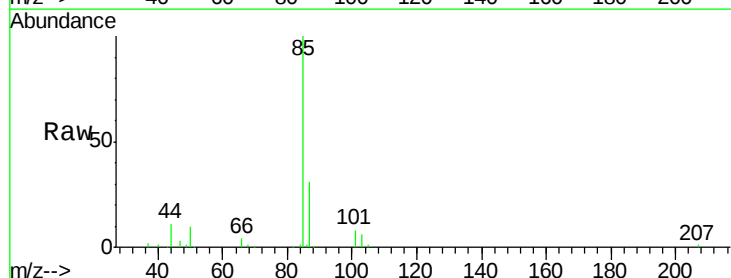
Acq: 28 May 2020 11:21

Tgt Ion: 85 Resp: 44504

Ion Ratio Lower Upper

85 100

87 30.6 15.5 46.5



Abundance Ion 84.90 (84.60 to 85.60): VY0

Ion 86.90 (86.60 to 87.60): VY0

1.91

30000

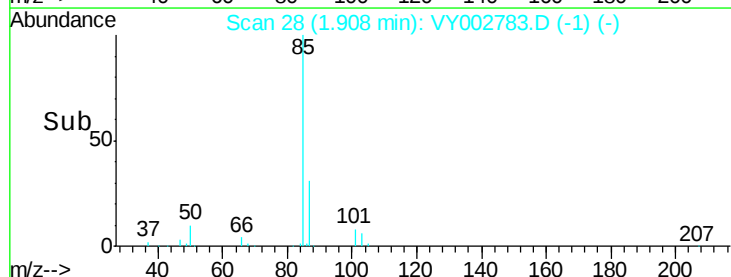
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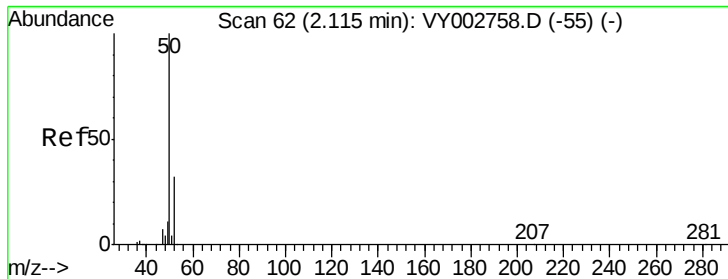
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0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 21.444 ug/l

RT: 2.11 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY002783.D

Acq: 28 May 2020 11:21

Instrument :

MSVOA_Y

ClientSampleId :

VY0528SBS01

Tot Ion: 50 Resp: 49596

Ion Ratio Lower Upper

50 100

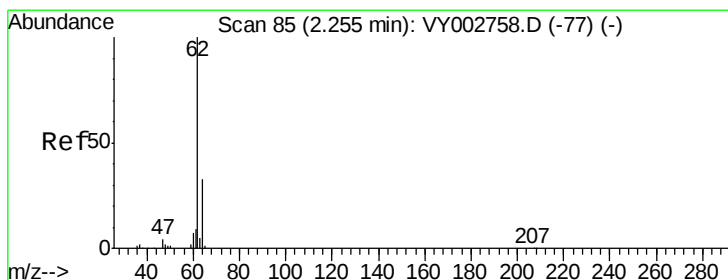
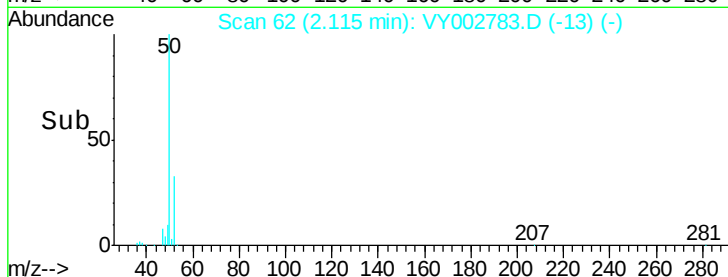
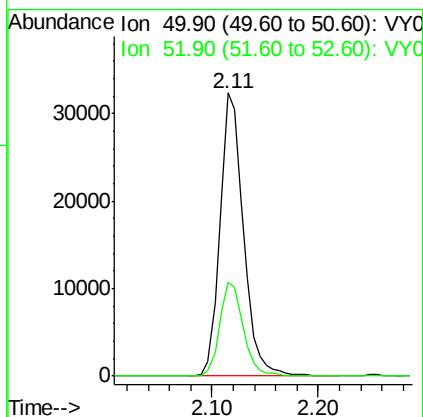
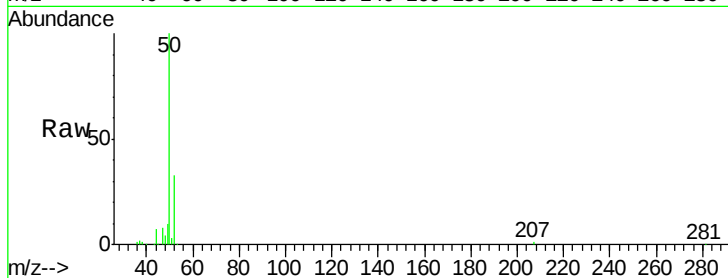
52 33.1 25.8 38.6

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#4

Vinyl Chloride

Concen: 21.788 ug/l

RT: 2.26 min Scan# 85

Delta R.T. -0.00 min

Lab File: VY002783.D

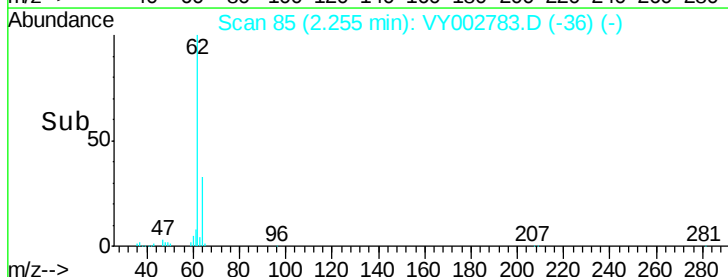
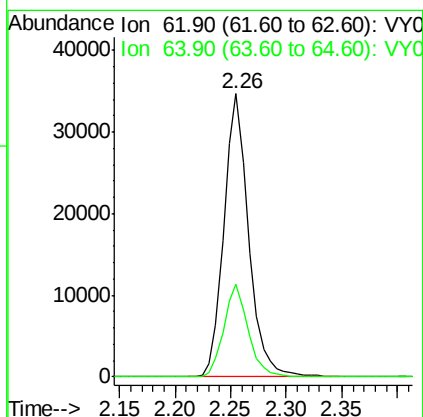
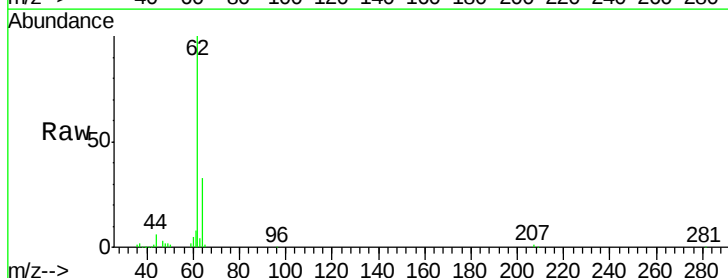
Acq: 28 May 2020 11:21

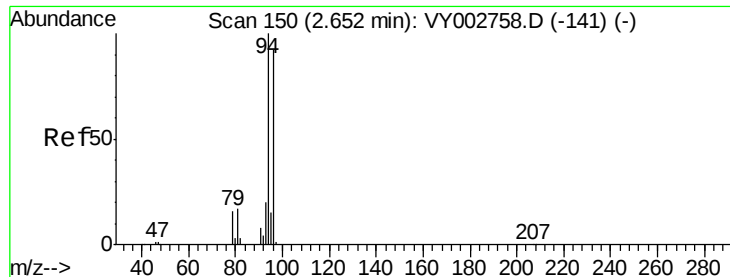
Tgt Ion: 62 Resp: 53261

Ion Ratio Lower Upper

62 100

64 32.8 26.1 39.1





#5

Bromomethane

Concen: 20.960 ug/l

RT: 2.65 min Scan# 149

Delta R.T. -0.01 min

Lab File: VY002783.D

Acq: 28 May 2020 11:21

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ClientSampleId :

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Tot Ion: 94 Resp: 38397

Ion Ratio Lower Upper

94 100

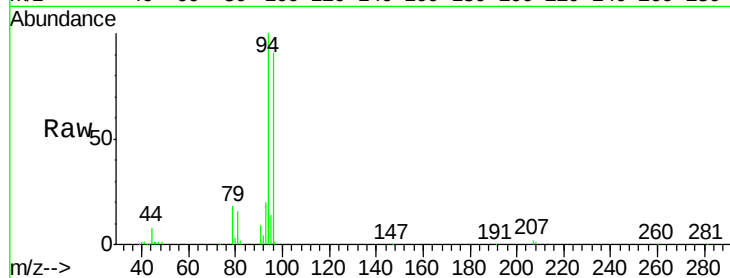
96 90.6 73.7 110.5

Manual Integrations

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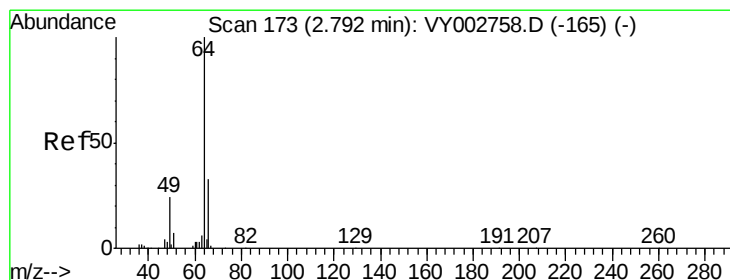
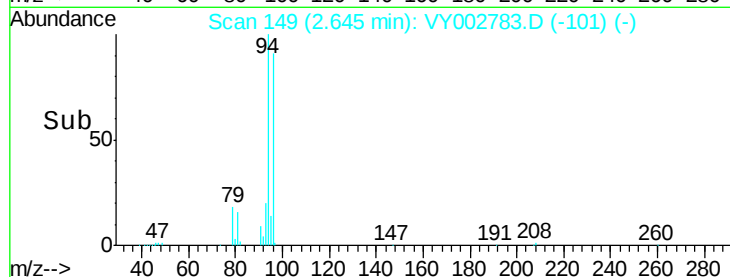
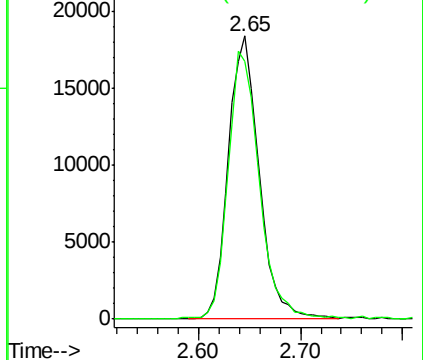
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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 20.061 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.00 min

Lab File: VY002783.D

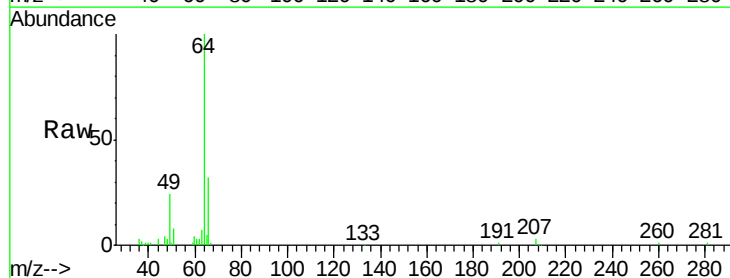
Acq: 28 May 2020 11:21

Tgt Ion: 64 Resp: 31790

Ion Ratio Lower Upper

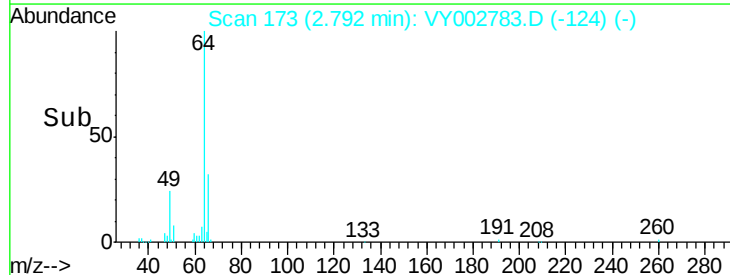
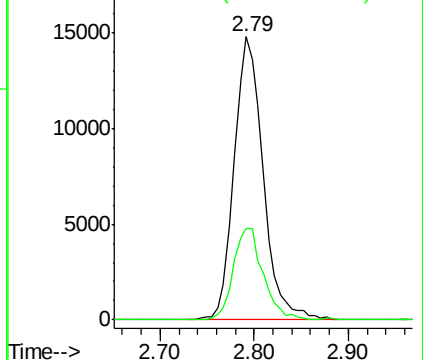
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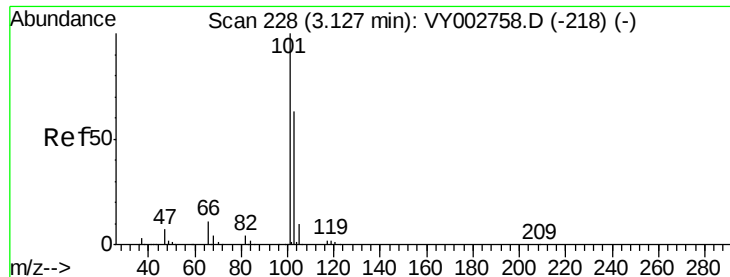
66 32.4 26.4 39.6



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

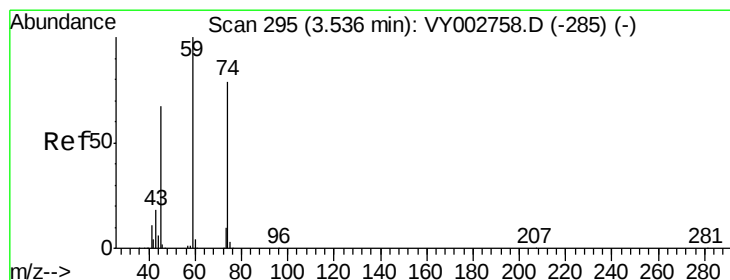
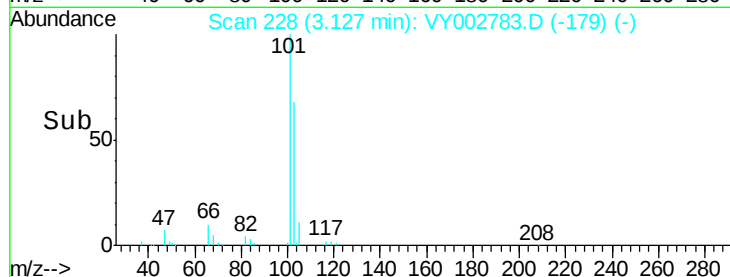
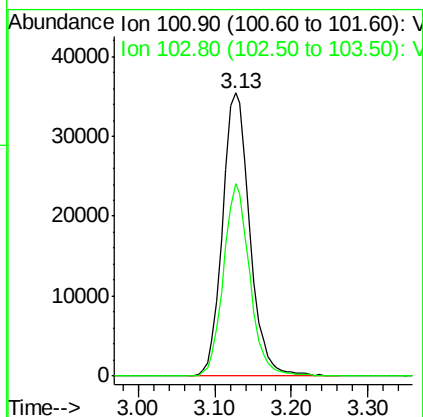
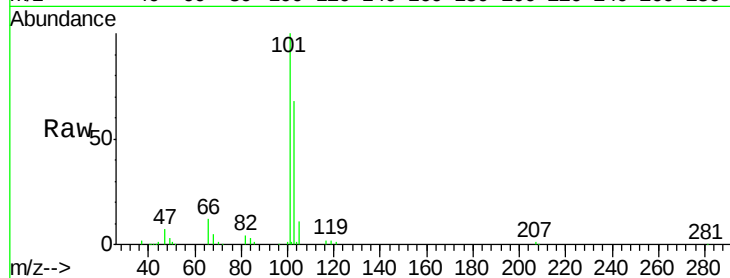
Trichlorofluoromethane
Concen: 20.171 ug/l
RT: 3.13 min Scan# 228
Delta R.T. -0.00 min
Lab File: VY002783.D
Acq: 28 May 2020 11:21

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Tot Ion	Ratio	Resp	Lower	Upper
101	100	87331		
103	68.0	50.6	76.0	

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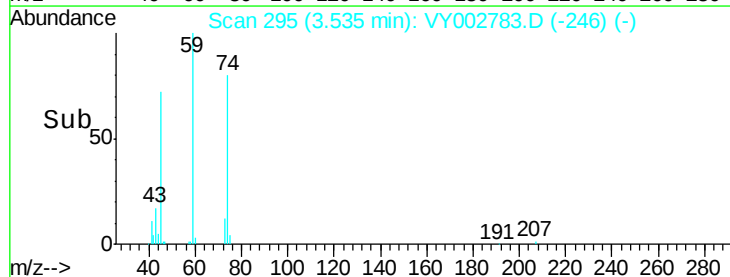
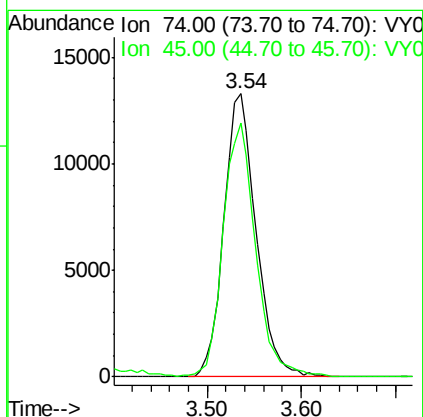
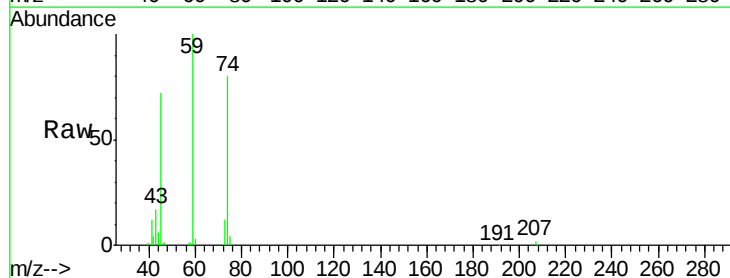
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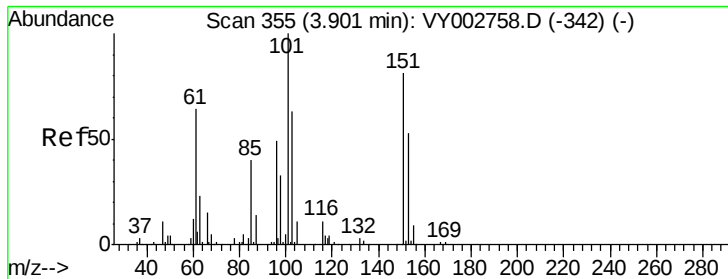


#8

Diethyl Ether
Concen: 18.682 ug/l
RT: 3.54 min Scan# 295
Delta R.T. -0.00 min
Lab File: VY002783.D
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Tgt Ion	Ratio	Resp	Lower	Upper
74	100	31582		
45	90.7	44.0	131.8	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.850 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.00 min

Lab File: VY002783.D

Acq: 28 May 2020 11:21

Instrument :

MSVOA_Y

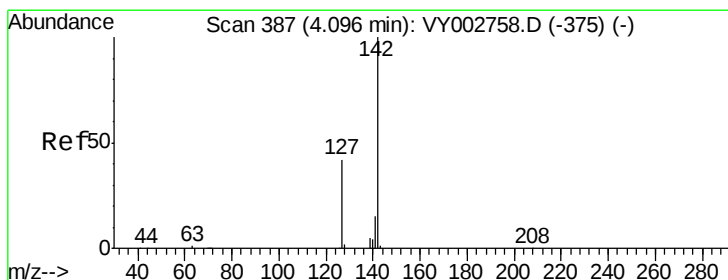
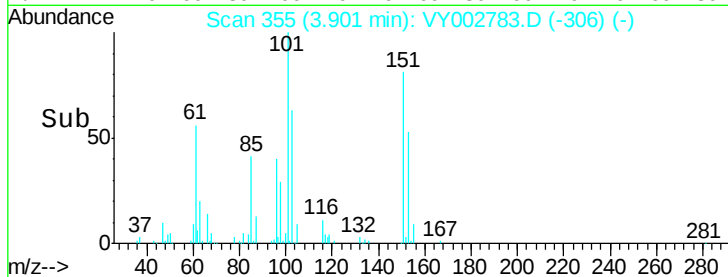
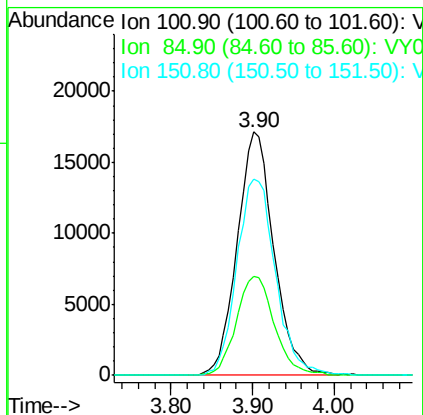
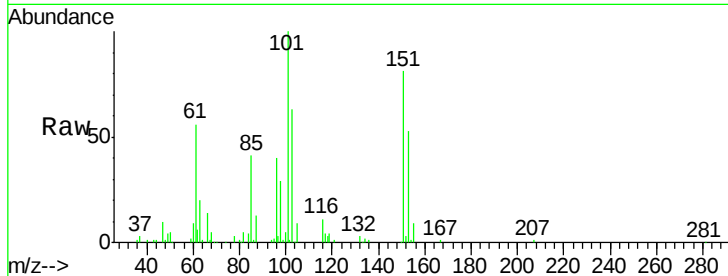
ClientSampleId :

VY0528SBS01

Tot Ion:	101	Resp:	53598
Ion Ratio	Lower	Upper	
101	100		
85	42.2	32.7	49.1
151	85.0	68.0	102.0

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#10

Methyl Iodide

Concen: 18.078 ug/l

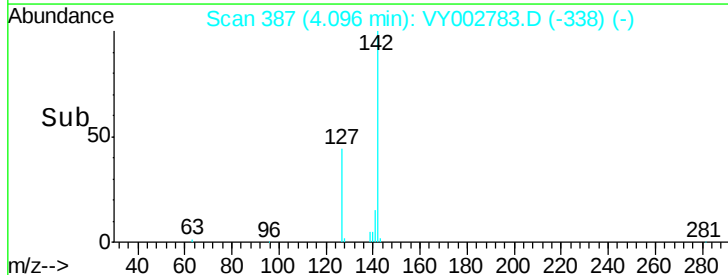
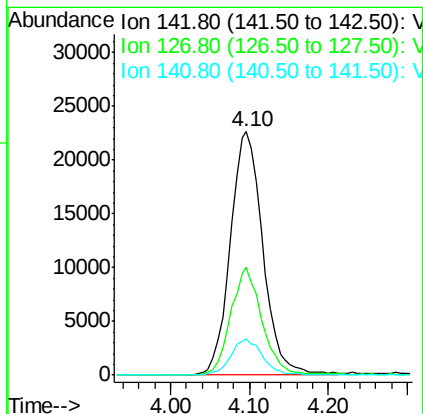
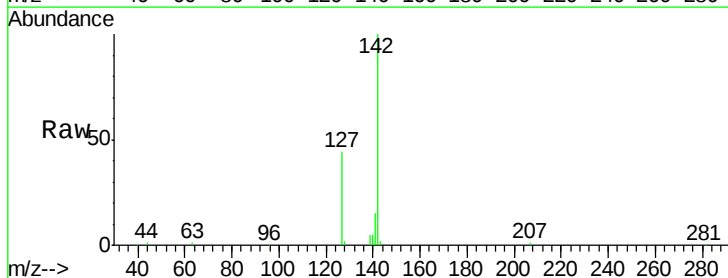
RT: 4.10 min Scan# 387

Delta R.T. -0.00 min

Lab File: VY002783.D

Acq: 28 May 2020 11:21

Tgt Ion:	142	Resp:	65025
Ion Ratio	Lower	Upper	
142	100		
127	42.9	33.3	49.9
141	14.2	11.5	17.3





#11

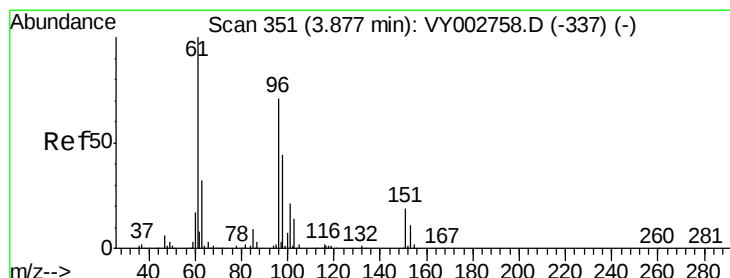
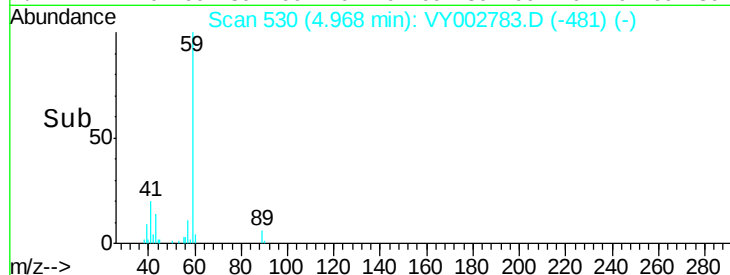
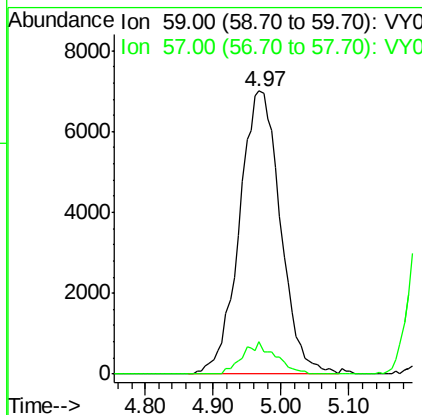
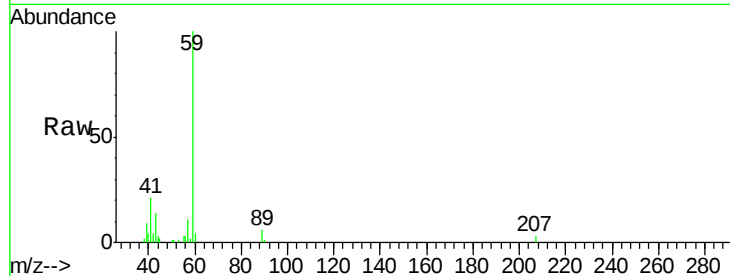
Tert butyl alcohol
 Concen: 95.665 ug/l
 RT: 4.97 min Scan# 530
 Delta R.T. -0.00 min
 Lab File: VY002783.D
 Acq: 28 May 2020 11:21

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0528SBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	3.9	7.7	11.5#

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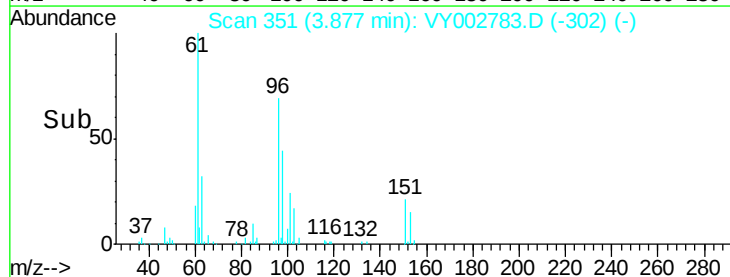
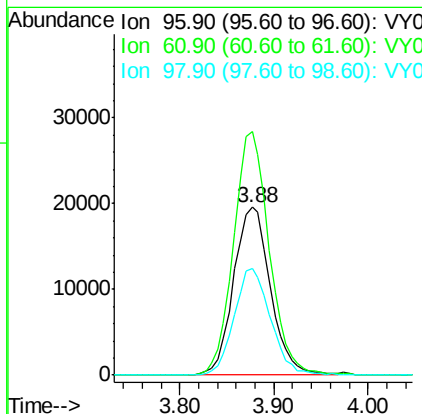
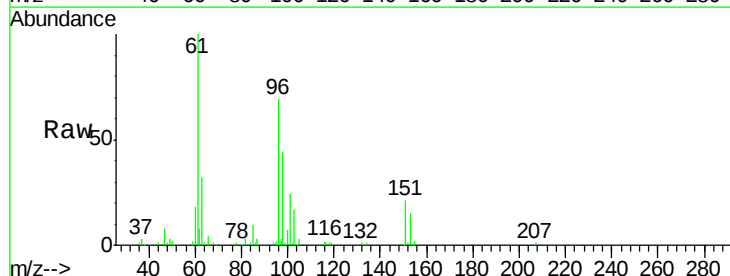
MMDadoda
 5/29/2020 10:57:05 AM

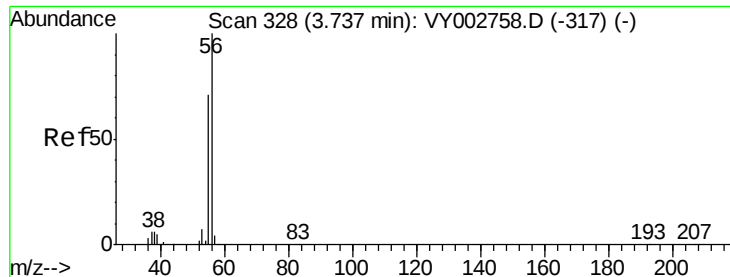


#12

1,1-Dichloroethene
 Concen: 20.610 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. -0.00 min
 Lab File: VY002783.D
 Acq: 28 May 2020 11:21

Tgt Ion	Ratio	Lower	Upper
96	100		
61	145.4	112.6	168.8
98	64.0	50.0	75.0





#13

Acrolein

Concen: 105.144 ug/l

RT: 3.74 min Scan# 328

Delta R.T. -0.00 min

Lab File: VY002783.D

Acq: 28 May 2020 11:21

Instrument :

MSVOA_Y

ClientSampleId :

VY0528SBS01

Tot Ion: 56 Resp: 32511

Ion Ratio Lower Upper

56 100

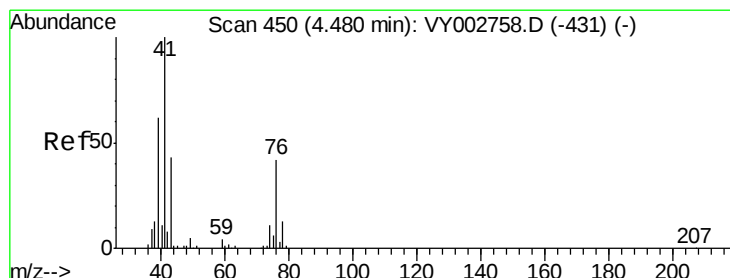
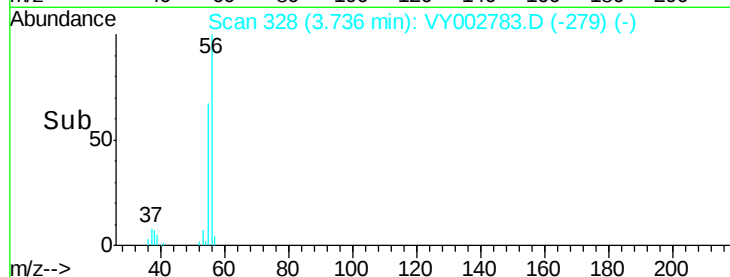
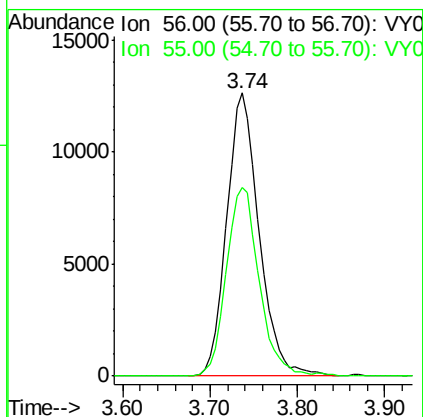
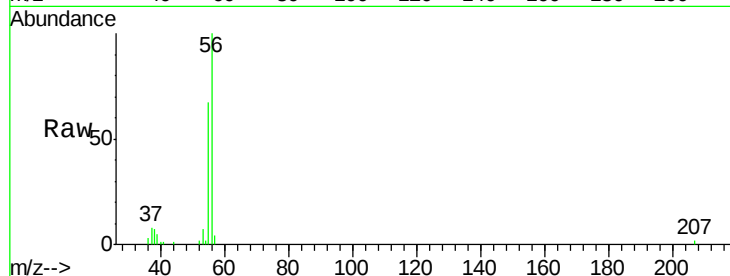
55 67.2 56.0 84.0

Manual Integrations

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#14

Allyl chloride

Concen: 20.340 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.01 min

Lab File: VY002783.D

Acq: 28 May 2020 11:21

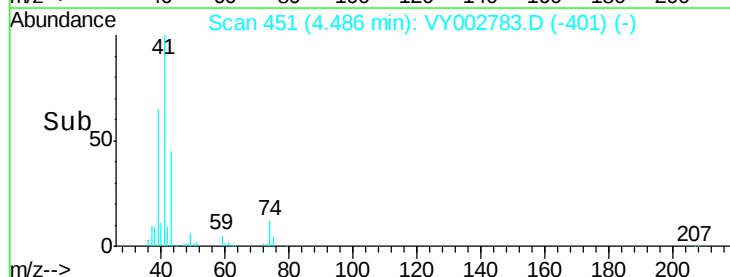
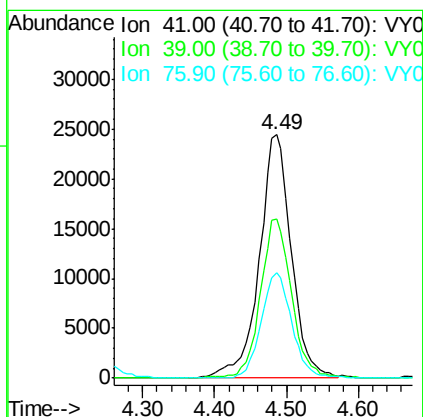
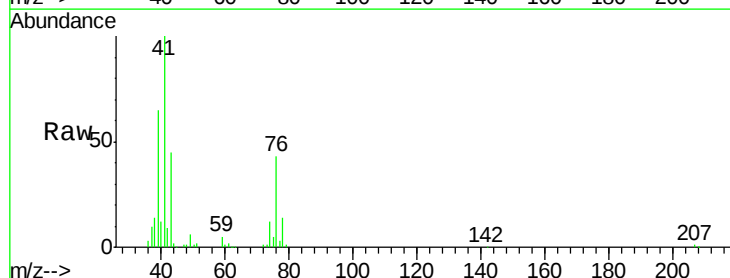
Tgt Ion: 41 Resp: 75415

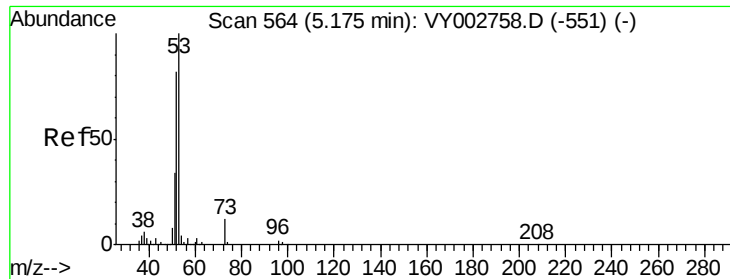
Ion Ratio Lower Upper

41 100

39 63.7 49.9 74.9

76 41.1 33.2 49.8





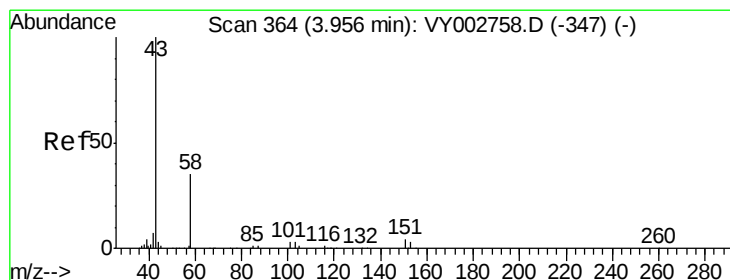
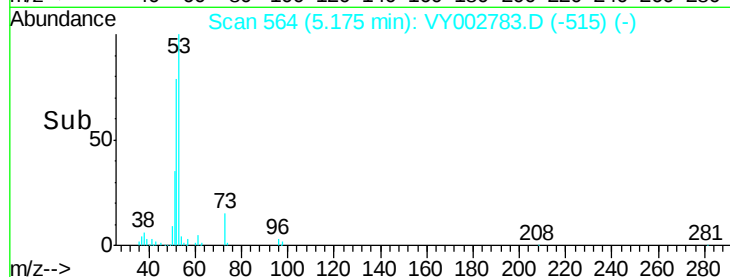
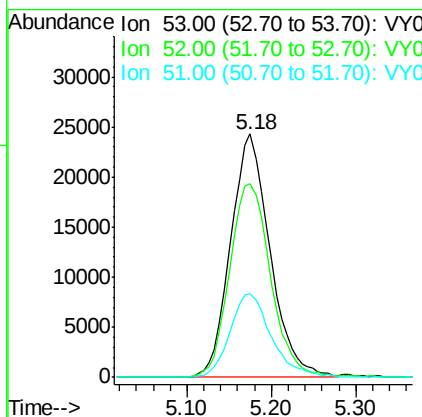
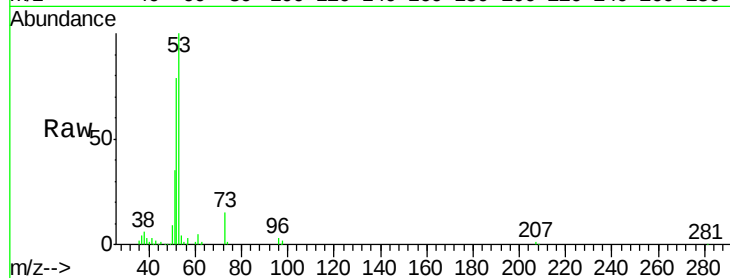
#15
 Acrylonitrile
 Concen: 101.239 ug/l
 RT: 5.18 min Scan# 564
 Delta R.T. -0.00 min
 Lab File: VY002783.D
 Acq: 28 May 2020 11:21

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0528SBS01

Tot Ion:	53	Resp:	77211
Ion	Ratio	Lower	Upper
53	100		
52	83.0	65.3	97.9
51	36.0	28.0	42.0

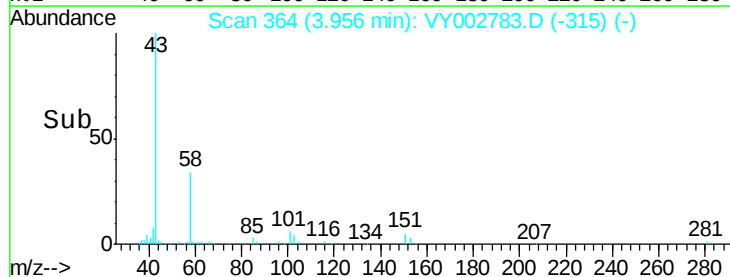
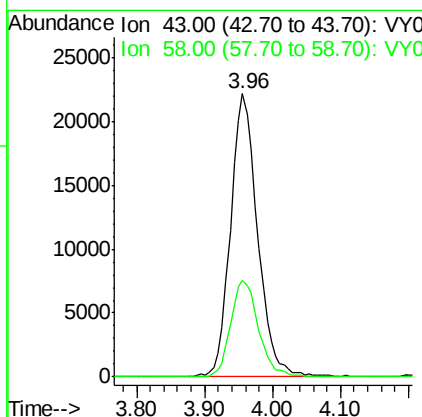
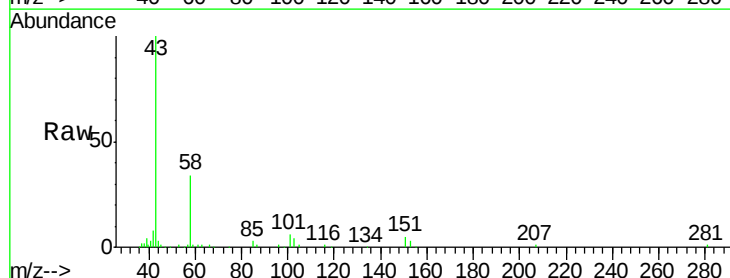
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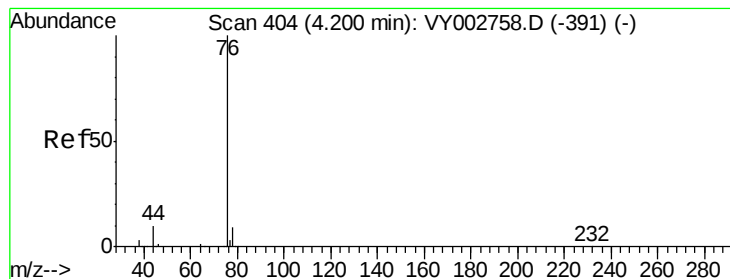
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#16
 Acetone
 Concen: 98.877 ug/l
 RT: 3.96 min Scan# 364
 Delta R.T. -0.00 min
 Lab File: VY002783.D
 Acq: 28 May 2020 11:21

Tgt Ion:	43	Resp:	61175
Ion	Ratio	Lower	Upper
43	100		
58	33.9	27.7	41.5





#17

Carbon Disulfide

Concen: 20.403 ug/l

RT: 4.20 min Scan# 404

Delta R.T. -0.00 min

Lab File: VY002783.D

Acq: 28 May 2020 11:21

Instrument :

MSVOA_Y

ClientSampleId :

VY0528SBS01

Tot Ion: 76 Resp: 159383

Ion Ratio Lower Upper

76 100

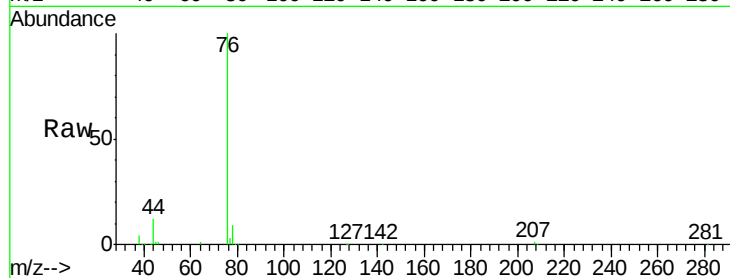
78 8.7 6.9 10.3

Manual Integrations

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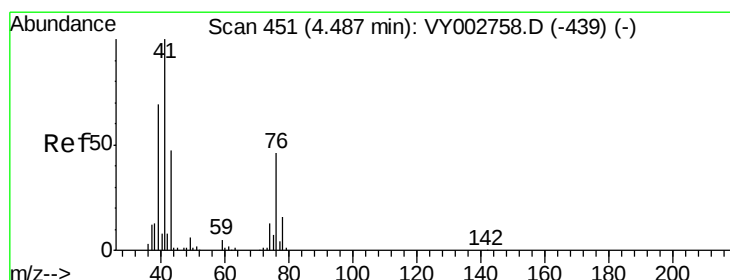
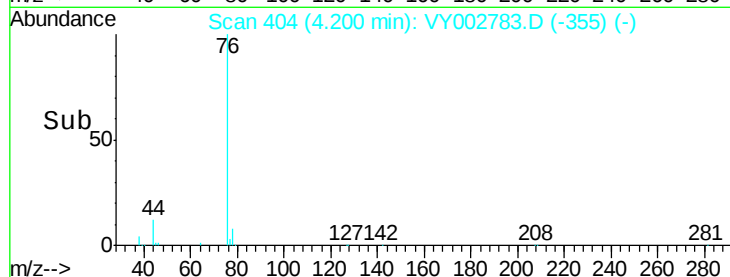
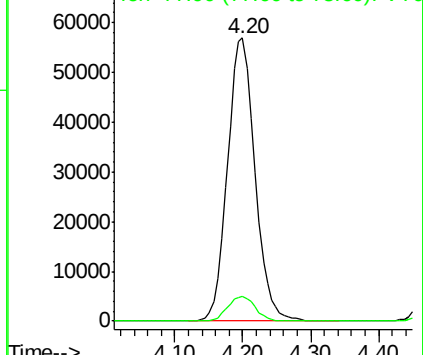
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Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 21.656 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.00 min

Lab File: VY002783.D

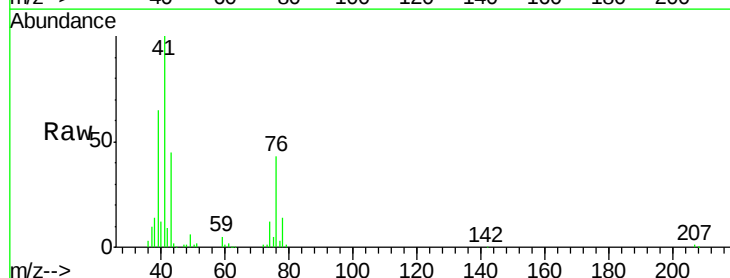
Acq: 28 May 2020 11:21

Tgt Ion: 43 Resp: 34472

Ion Ratio Lower Upper

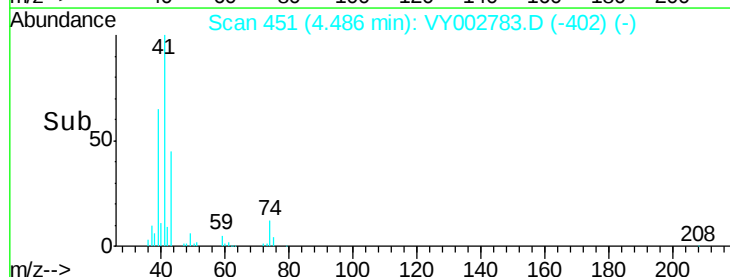
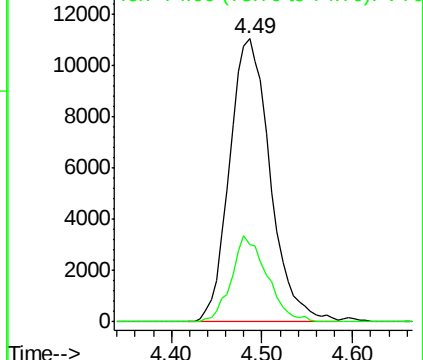
43 100

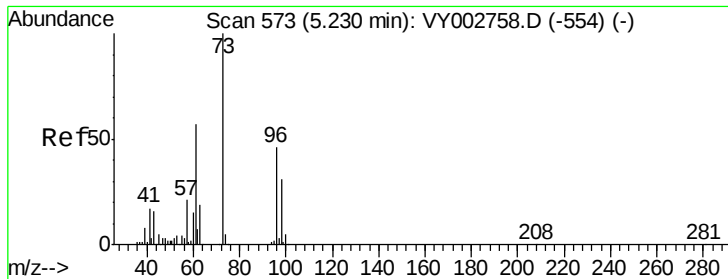
74 26.6 21.4 32.0



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0





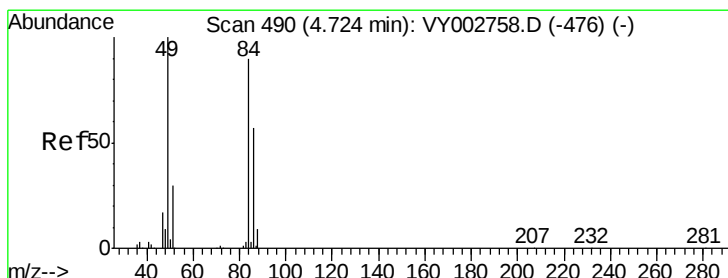
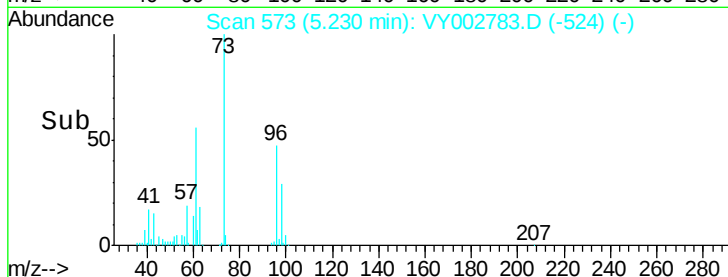
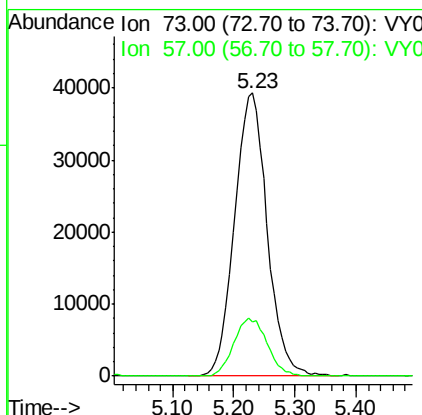
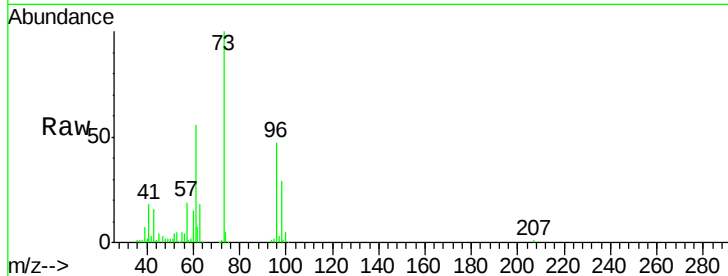
#19
Methvl tert-butvl Ether
Concen: 20.313 ug/l
RT: 5.23 min Scan# 573
Delta R.T. -0.00 min
Lab File: VY002783.D
Acq: 28 May 2020 11:21

Instrument :
MSVOA_Y
ClientSampleId :
VY0528SBS01

Tot Ion	Ion	Ratio	Lower	Upper
73	73	100		
57	57	19.3	17.0	25.4

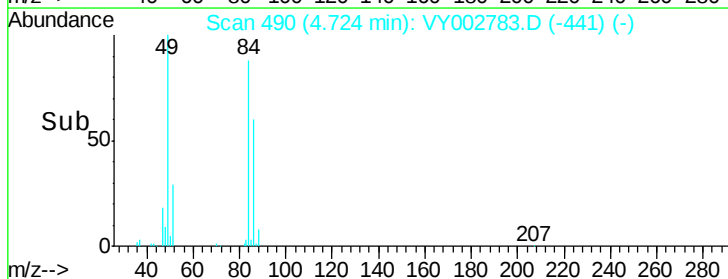
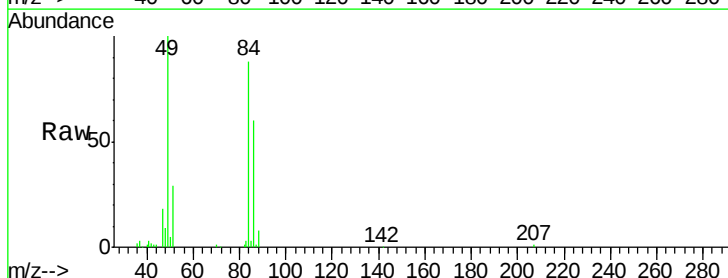
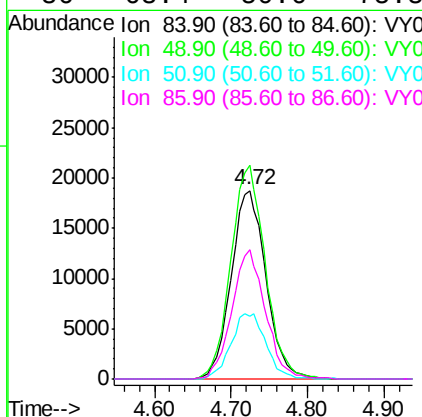
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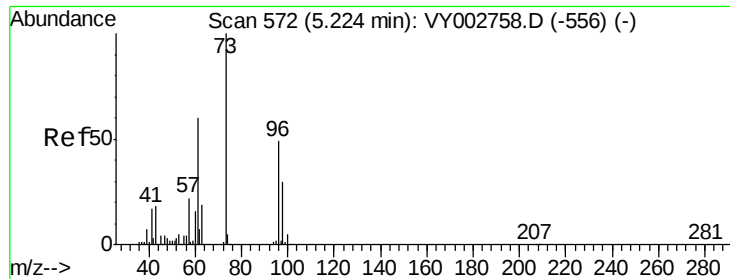
MMDadoda
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#20
Methylene Chloride
Concen: 19.483 ug/l
RT: 4.72 min Scan# 490
Delta R.T. -0.00 min
Lab File: VY002783.D
Acq: 28 May 2020 11:21

Tgt Ion	Ion	Ratio	Lower	Upper
84	84	100		
49	49	113.4	88.5	132.7
51	51	33.3	26.8	40.2
86	86	68.4	50.6	75.8





#21

trans-1,2-Dichloroethene

Concen: 20.218 ug/l

RT: 5.23 min Scan# 573

Delta R.T. 0.01 min

Lab File: VY002783.D

Acq: 28 May 2020 11:21

Instrument :

MSVOA_Y

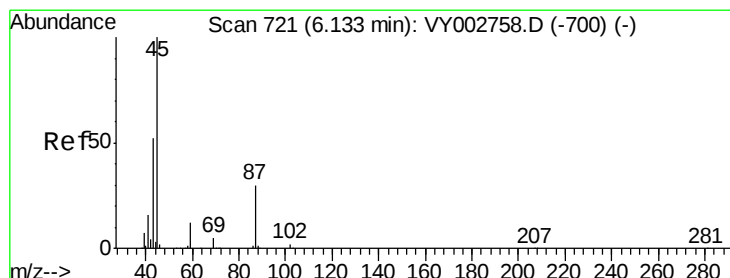
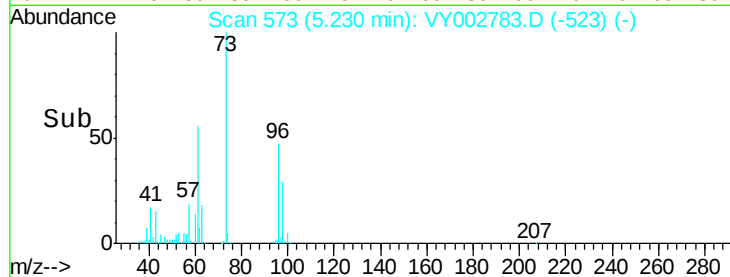
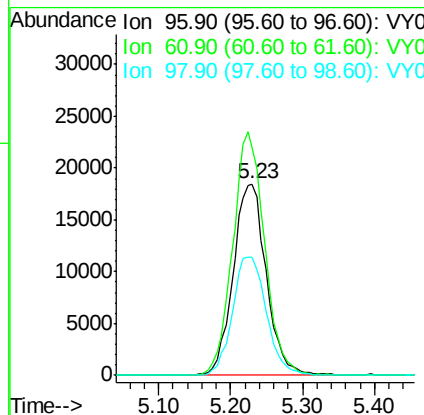
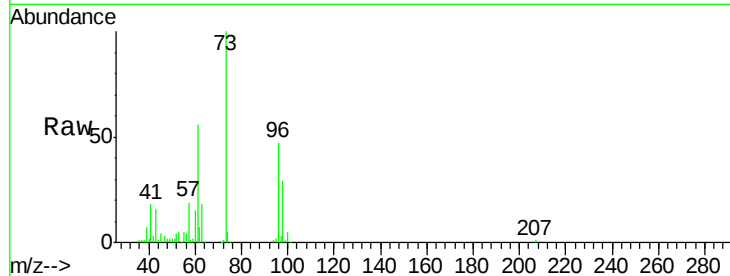
ClientSampleId :

VY0528SBS01

Tot Ion:	96	Resp:	58778
Ion	Ratio	Lower	Upper
96	100		
61	119.5	96.8	145.2
98	61.6	49.4	74.0

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#22

Diisopropyl ether

Concen: 20.654 ug/l

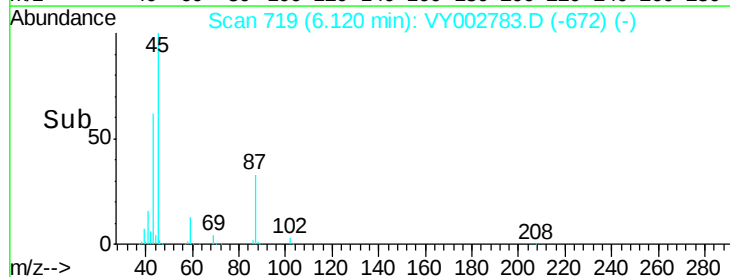
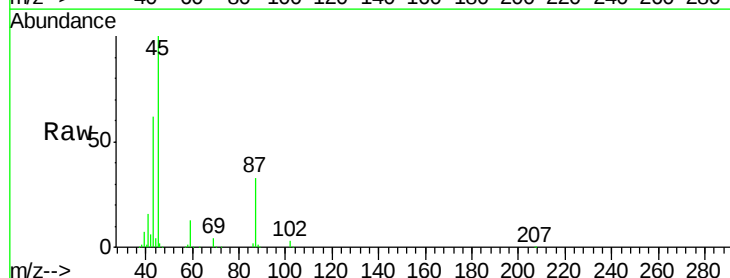
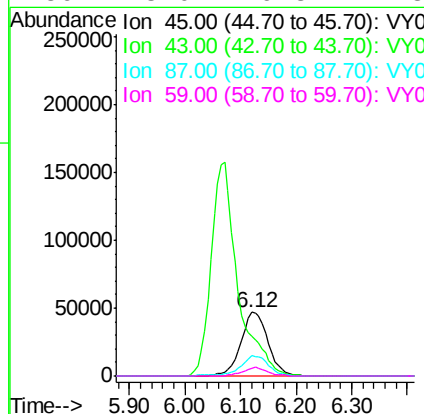
RT: 6.12 min Scan# 719

Delta R.T. -0.01 min

Lab File: VY002783.D

Acq: 28 May 2020 11:21

Tgt Ion:	45	Resp:	159132
Ion	Ratio	Lower	Upper
45	100		
43	62.2	41.7	62.5
87	32.5	24.2	36.2
59	13.0	9.8	14.8





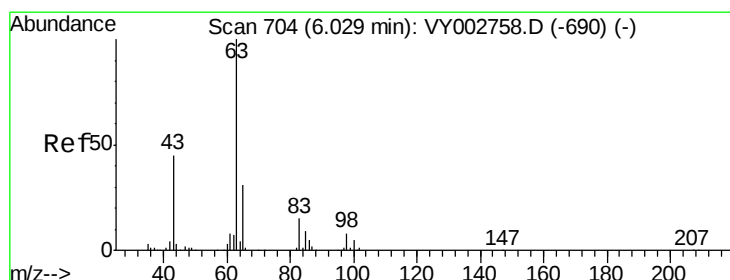
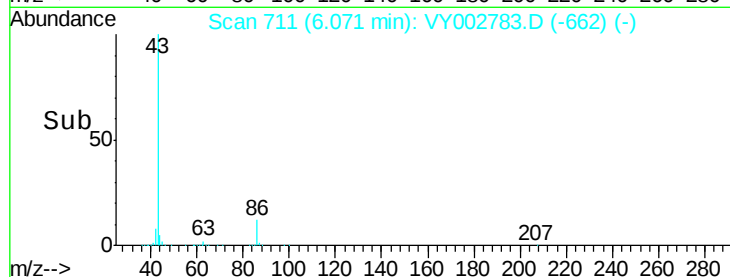
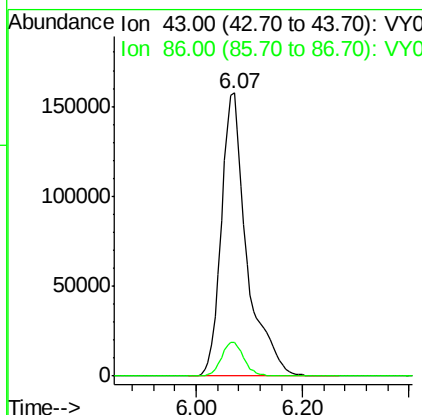
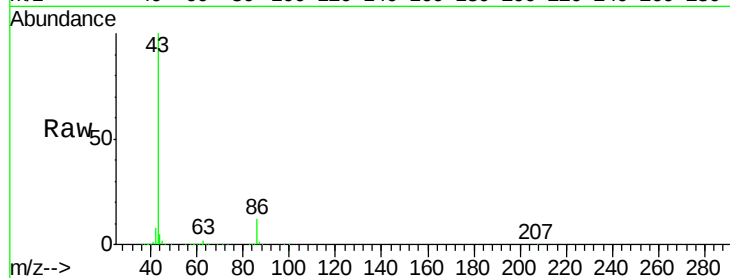
#23
 Vinyl Acetate
 Concen: 103.422 ug/l
 RT: 6.07 min Scan# 711
 Delta R.T. -0.00 min
 Lab File: VY002783.D
 Acq: 28 May 2020 11:21

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0528SBS01

Tot Ion	43	Resp	526098
Ion Ratio	Lower	Upper	
43	100		
86	12.0	10.2	15.2

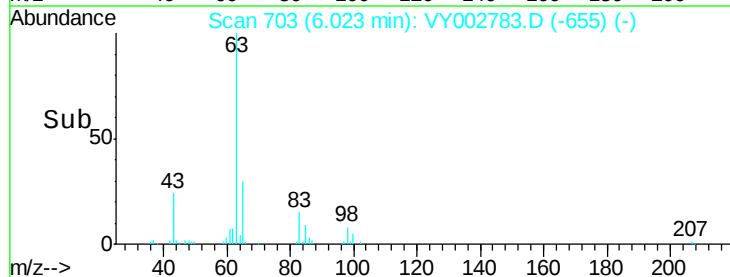
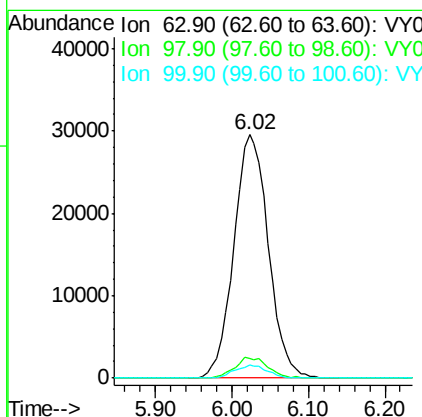
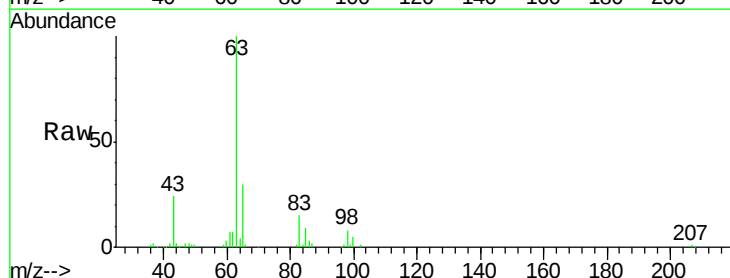
Manual Integrations
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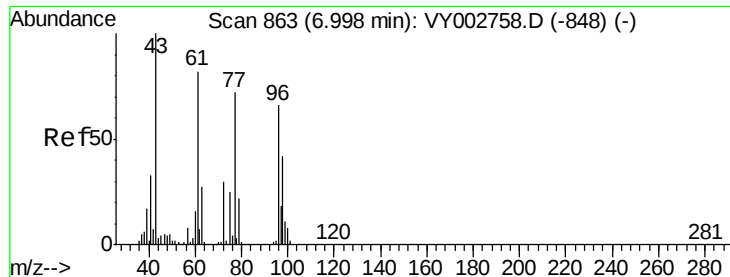
MMDadoda
 5/29/2020 10:57:05 AM



#24
 1,1-Dichloroethane
 Concen: 20.545 ug/l
 RT: 6.02 min Scan# 703
 Delta R.T. -0.01 min
 Lab File: VY002783.D
 Acq: 28 May 2020 11:21

Tgt Ion	63	Resp	92600
Ion Ratio	Lower	Upper	
63	100		
98	7.9	4.0	12.2
100	5.2	2.4	7.1





#25

2-Butanone

Concen: 98.688 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.01 min

Lab File: VY002783.D

Acq: 28 May 2020 11:21

Instrument :

MSVOA_Y

ClientSampleId :

VY0528SBS01

Tot Ion: 43 Resp: 95129

Ion Ratio Lower Upper

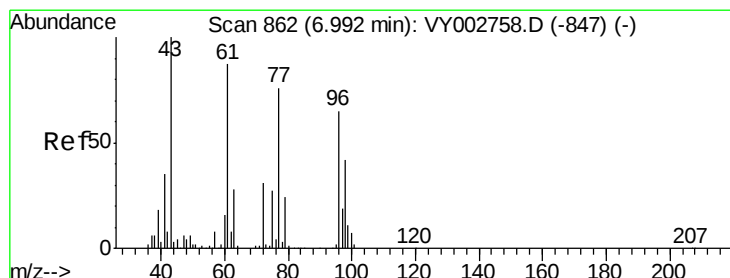
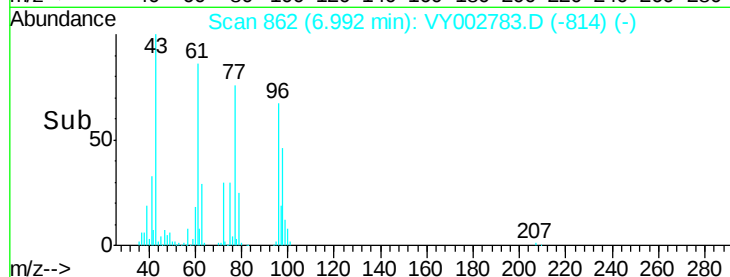
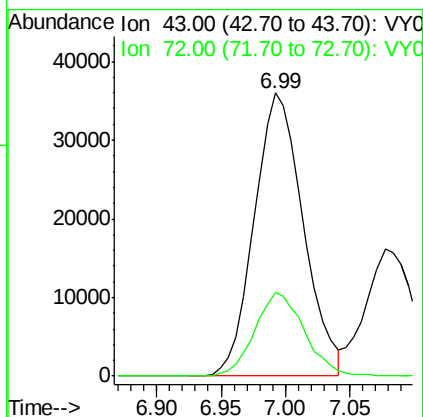
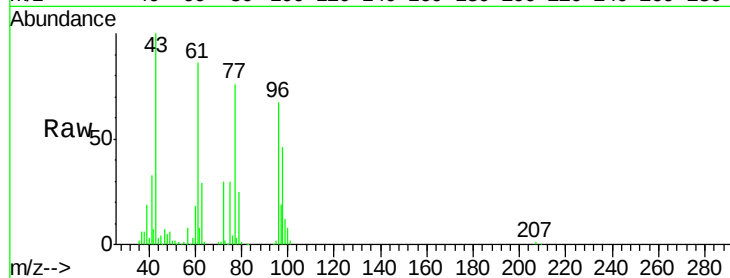
43 100

72 29.7 23.9 35.9

Manual Integrations
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MMDadoda

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#26

2,2-Dichloropropane

Concen: 19.715 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.00 min

Lab File: VY002783.D

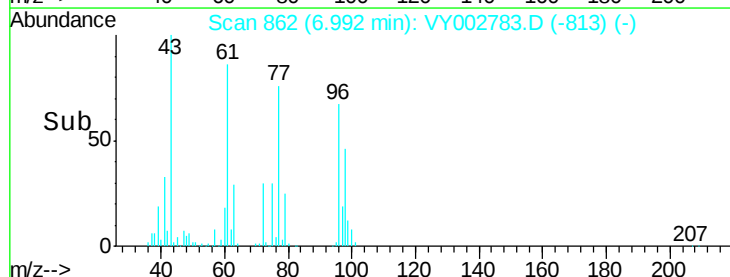
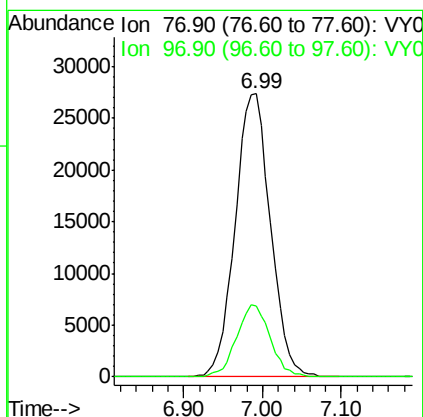
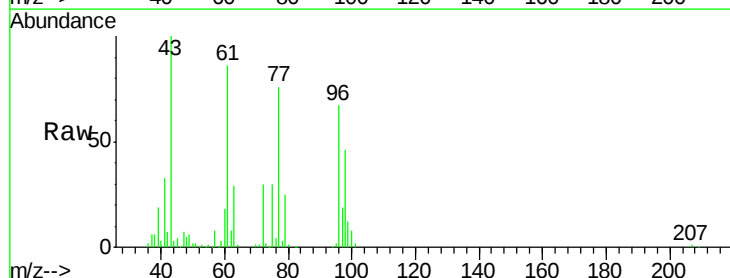
Acq: 28 May 2020 11:21

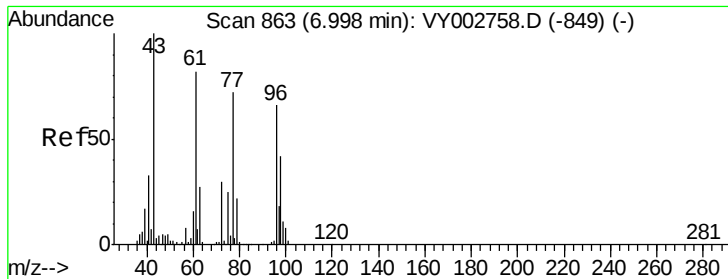
Tgt Ion: 77 Resp: 85219

Ion Ratio Lower Upper

77 100

97 24.2 12.2 36.6





#27

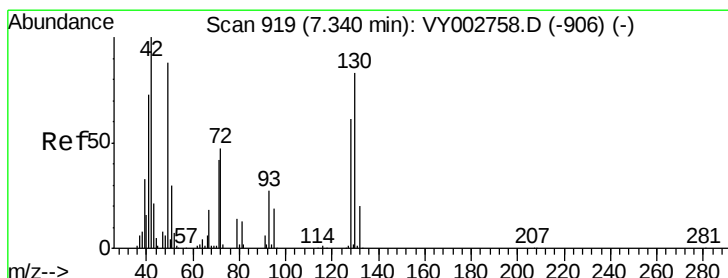
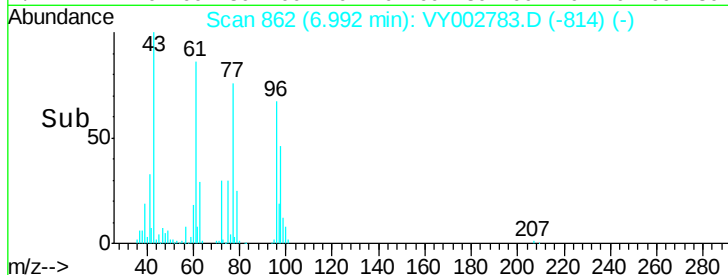
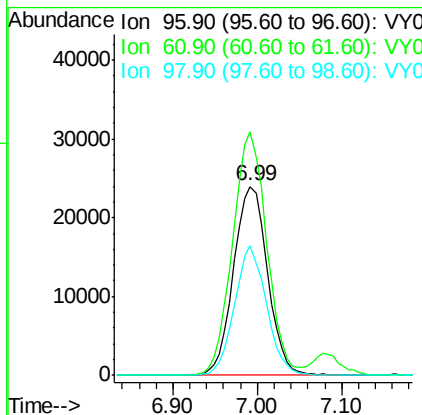
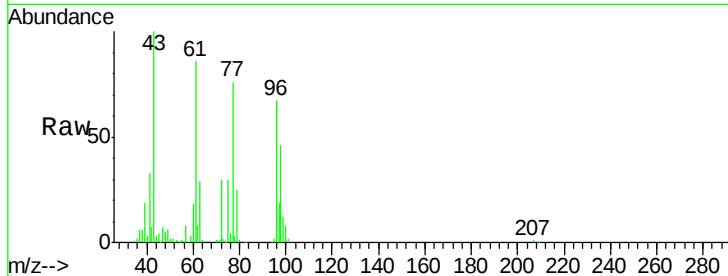
cis-1,2-Dichloroethene
Concen: 20.081 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.01 min
Lab File: VY002783.D
Acq: 28 May 2020 11:21

Instrument :
MSVOA_Y
ClientSampleId :
VY0528SBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	129.2	0.0	260.2	
98	64.3	0.0	128.2	

Manual Integrations
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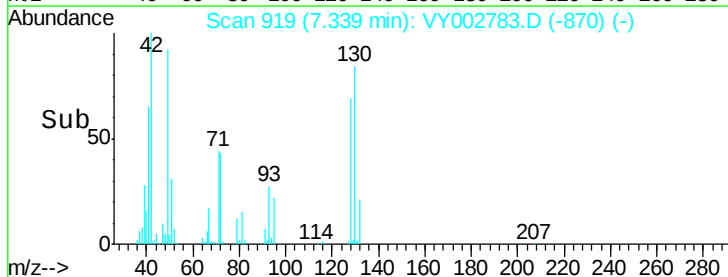
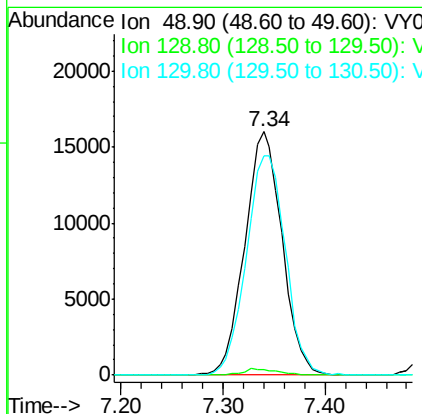
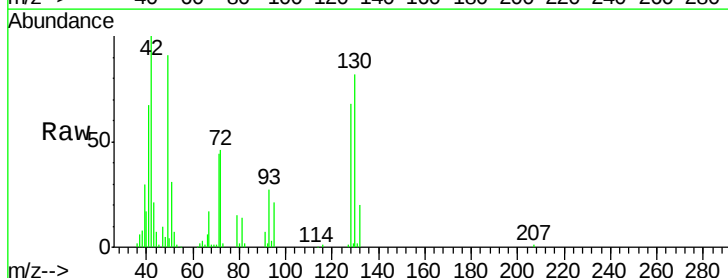
MMDadoda
5/29/2020 10:57:05 AM



#28

Bromochloromethane
Concen: 21.974 ug/l
RT: 7.34 min Scan# 919
Delta R.T. -0.00 min
Lab File: VY002783.D
Acq: 28 May 2020 11:21

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.4	0.0	5.2	
130	94.5	77.1	115.7	





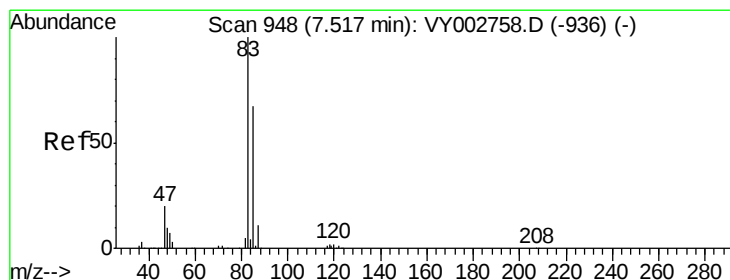
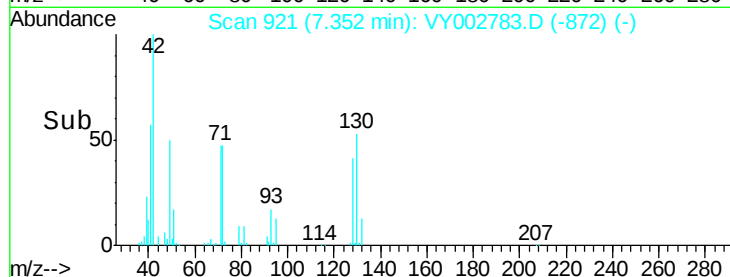
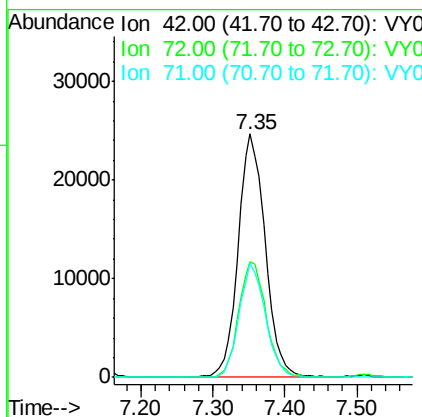
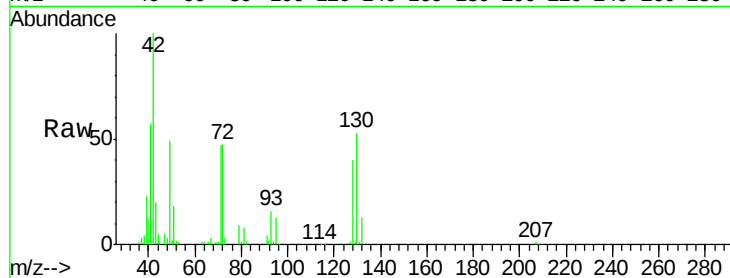
#29
Tetrahydrofuran
Concen: 102.891 ug/l
RT: 7.35 min Scan# 921
Delta R.T. -0.00 min
Lab File: VY002783.D
Acq: 28 May 2020 11:21

Instrument :
MSVOA_Y
ClientSampleId :
VY0528SBS01

Tot Ion:	42	Resp:	64513
Ion	Ratio	Lower	Upper
42	100		
72	48.2	38.6	58.0
71	45.2	35.8	53.8

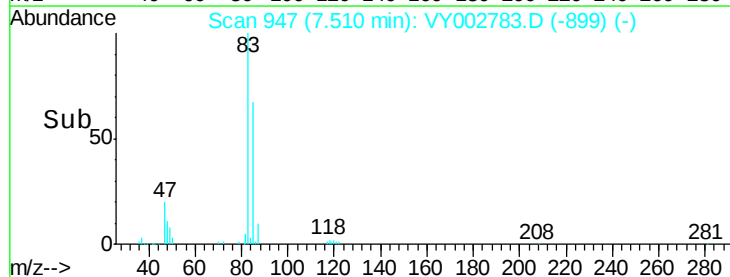
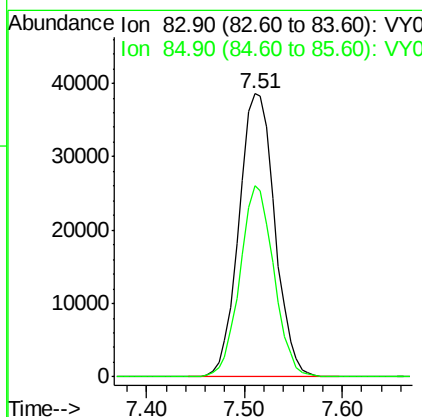
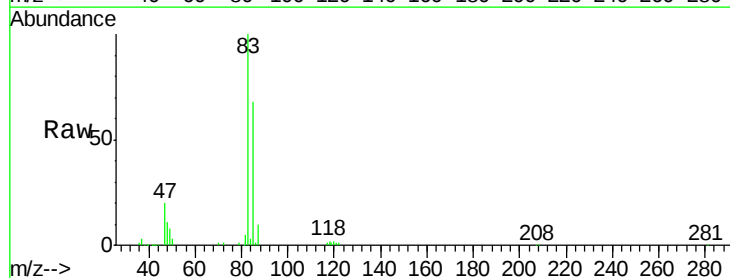
Manual Integrations
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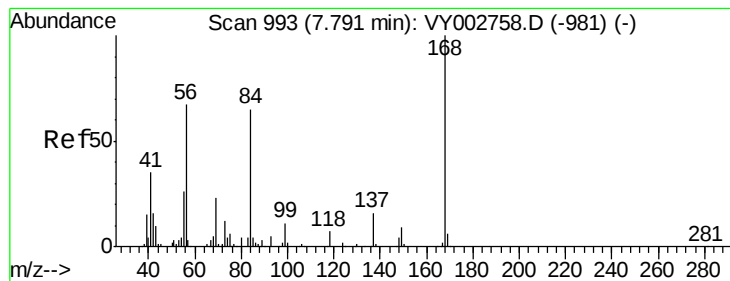
MMDadoda
5/29/2020 10:57:05 AM



#30
Chloroform
Concen: 20.499 ug/l
RT: 7.51 min Scan# 947
Delta R.T. -0.01 min
Lab File: VY002783.D
Acq: 28 May 2020 11:21

Tgt Ion:	83	Resp:	98039
Ion	Ratio	Lower	Upper
83	100		
85	67.6	53.8	80.8





#31

Cyclohexane

Concen: 20.041 ug/l

RT: 7.78 min Scan# 992

Delta R.T. -0.01 min

Lab File: VY002783.D

Acq: 28 May 2020 11:21

Instrument :

MSVOA_Y

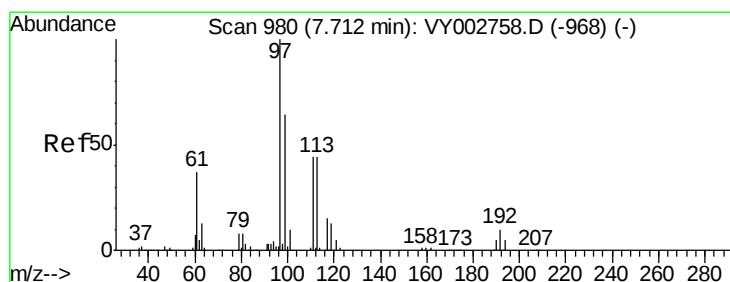
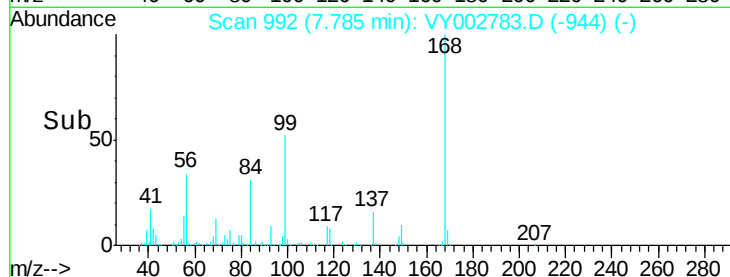
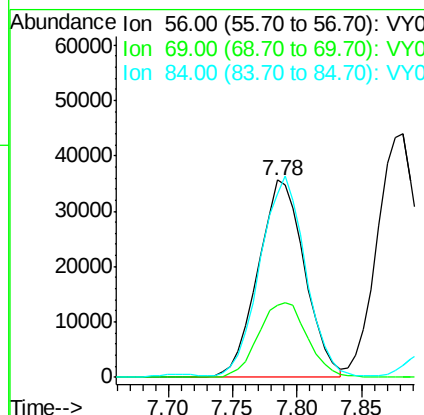
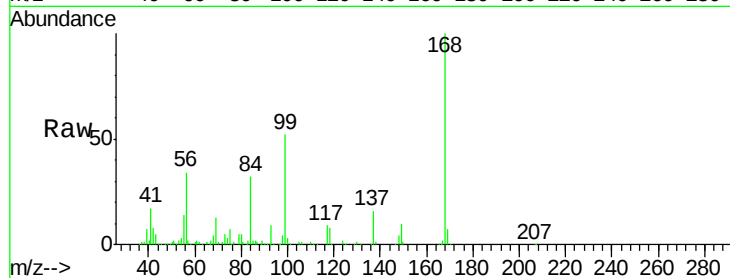
ClientSampleId :

VY0528SBS01

Tot Ion:	56	Resp:	89682
Ion Ratio	Lower	Upper	
56	100		
69	36.9	28.0	42.0
84	91.8	77.7	116.5

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#32

1,1,1-Trichloroethane

Concen: 19.996 ug/l

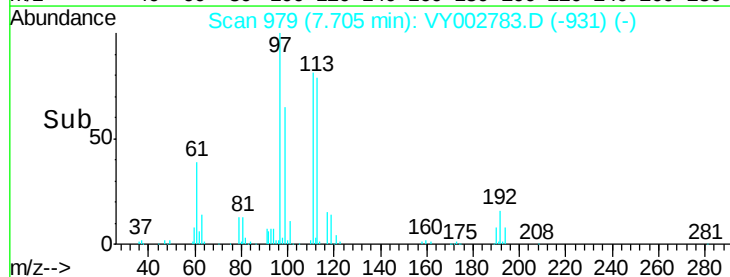
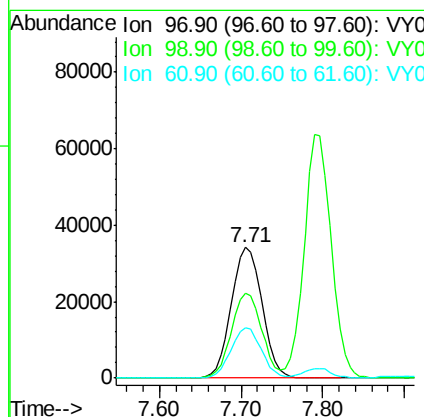
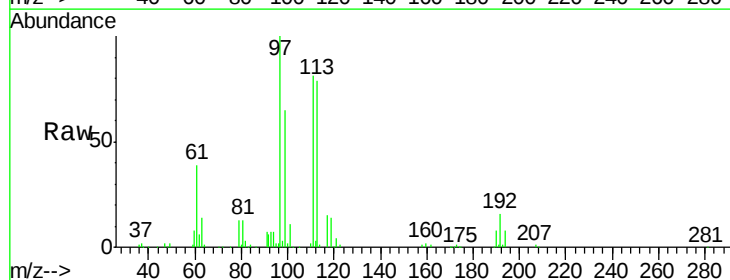
RT: 7.71 min Scan# 979

Delta R.T. -0.01 min

Lab File: VY002783.D

Acq: 28 May 2020 11:21

Tgt Ion:	97	Resp:	89119
Ion Ratio	Lower	Upper	
97	100		
99	64.1	51.4	77.0
61	38.3	30.1	45.1





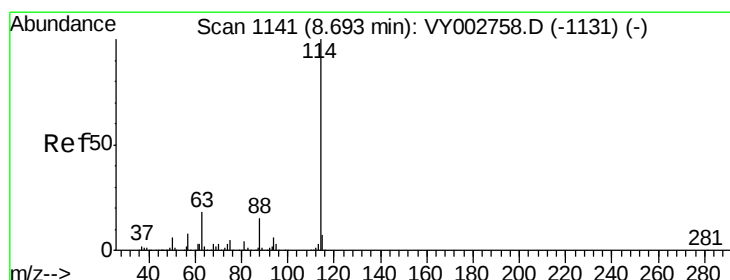
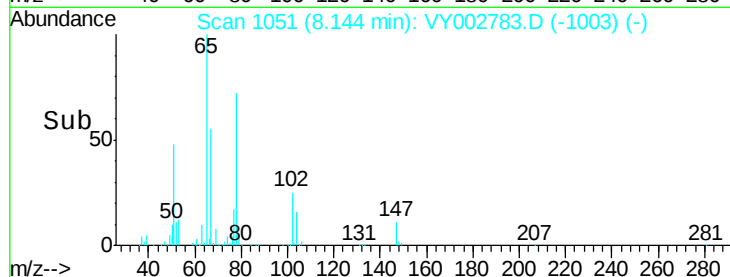
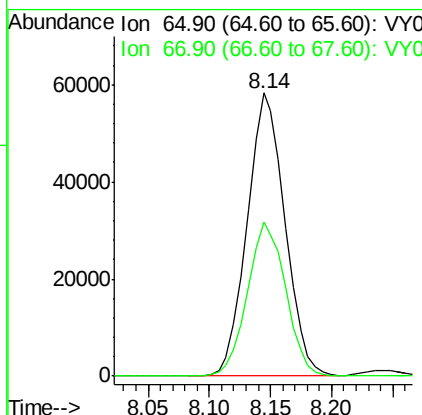
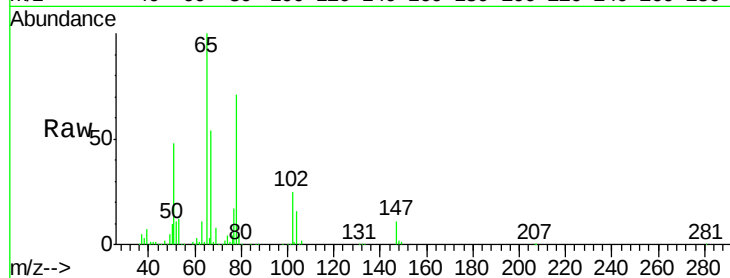
#33
 1,2-Dichloroethane-d4
 Concen: 47.503 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. -0.01 min
 Lab File: VY002783.D
 Acq: 28 May 2020 11:21

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0528SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	55.0	0.0	111.0	

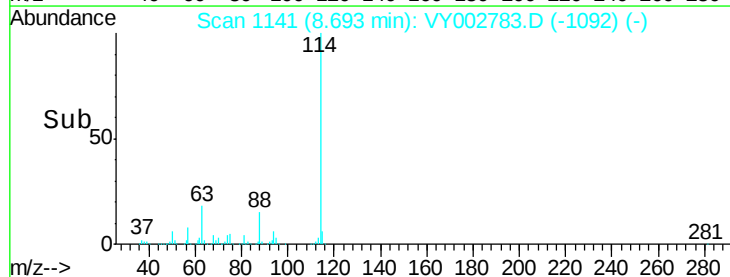
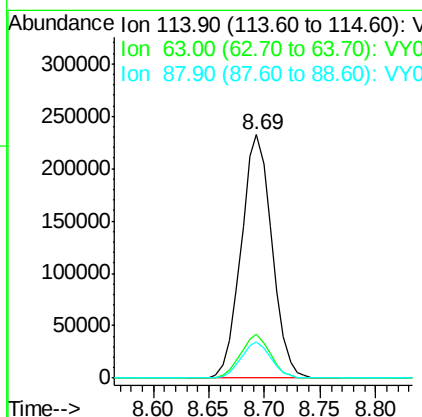
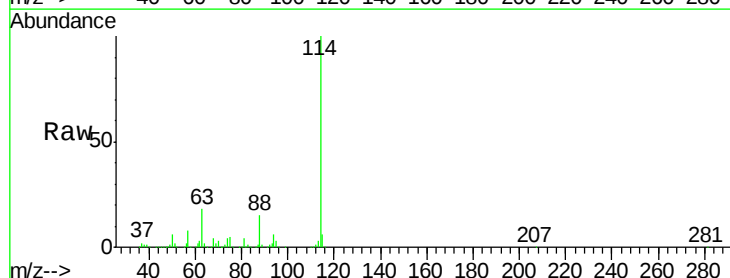
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY002783.D
 Acq: 28 May 2020 11:21

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	18.1	0.0	35.2	
88	14.6	0.0	29.2	





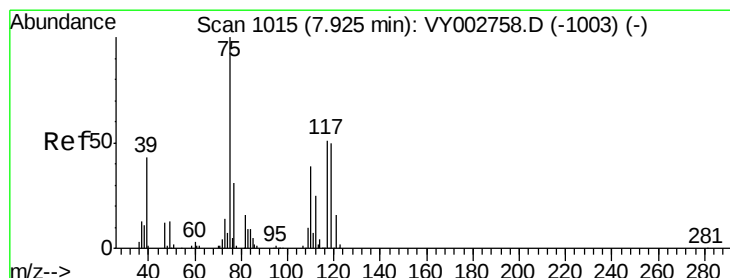
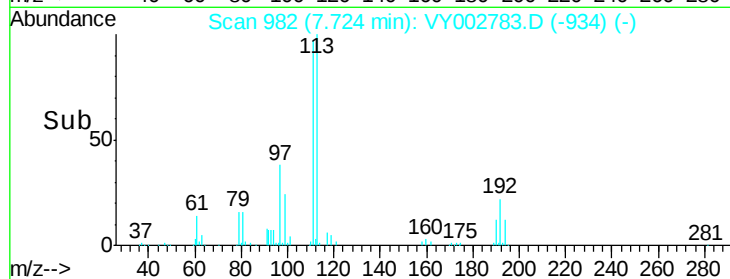
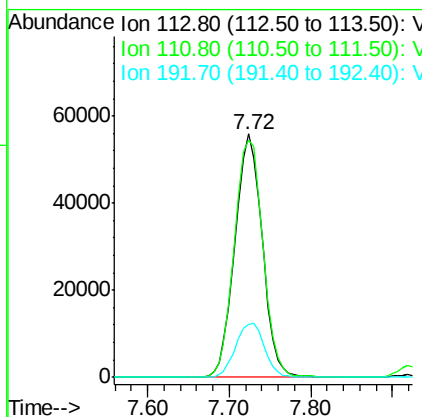
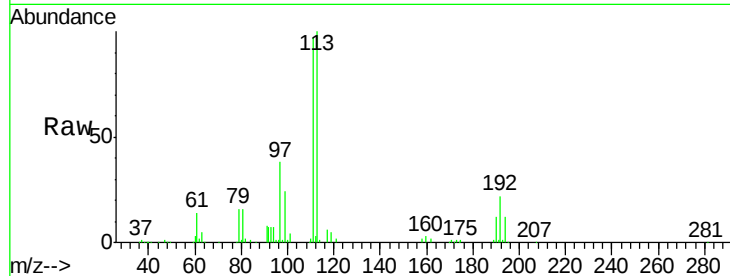
#35
Dibromofluoromethane
Concen: 49.431 ug/l
RT: 7.72 min Scan# 982
Delta R.T. -0.01 min
Lab File: VY002783.D
Acq: 28 May 2020 11:21

Instrument :
MSVOA_Y
ClientSampleId :
VY0528SBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	129554		
111	102.3	82.0	123.0	
192	23.6	18.9	28.3	

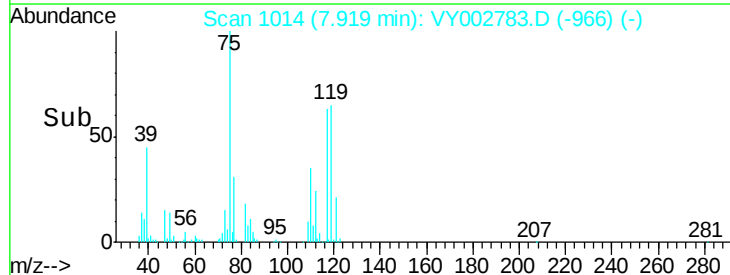
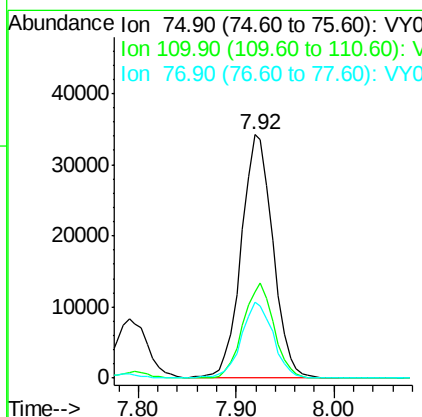
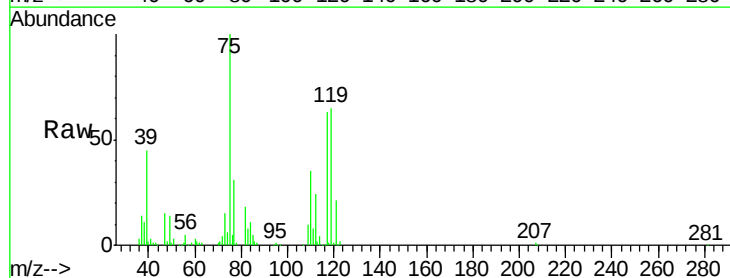
Manual Integrations
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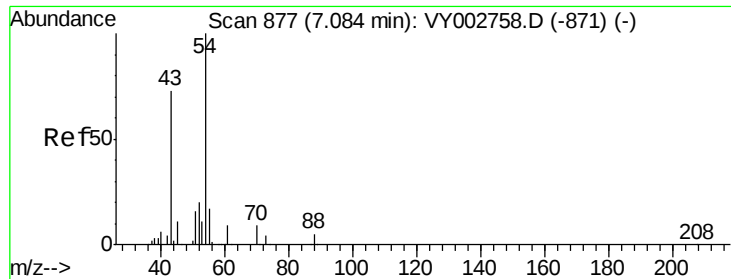
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5/29/2020 10:57:05 AM



#36
1,1-Dichloropropene
Concen: 20.420 ug/l
RT: 7.92 min Scan# 1014
Delta R.T. -0.01 min
Lab File: VY002783.D
Acq: 28 May 2020 11:21

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	76926		
110	37.9	19.3	57.9	
77	31.4	24.8	37.2	





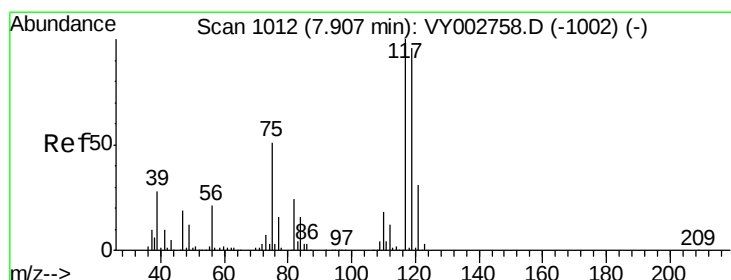
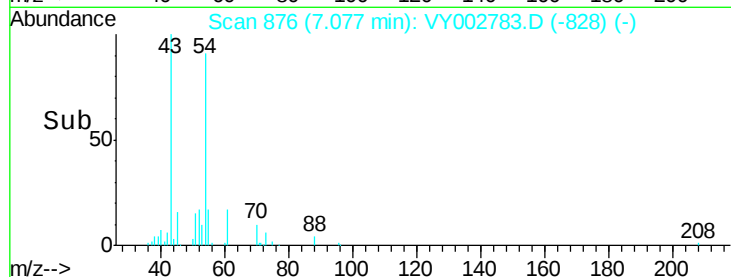
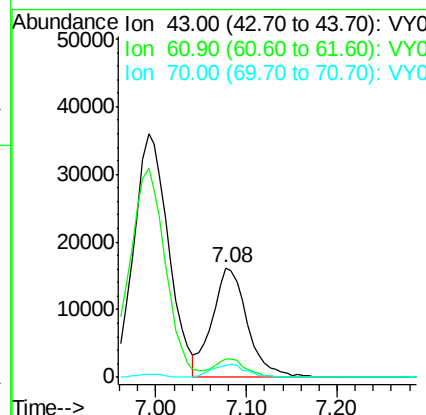
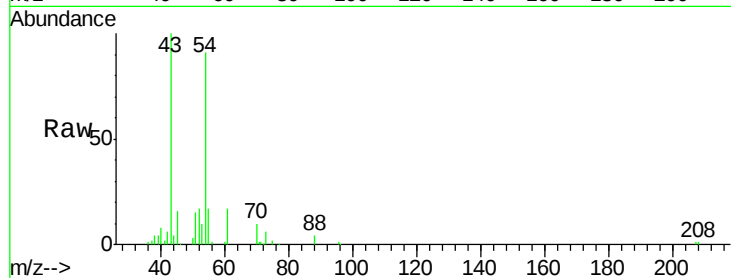
#37
Ethyl Acetate
Concen: 21.491 ug/l
RT: 7.08 min Scan# 876
Delta R.T. -0.01 min
Lab File: VY002783.D
Acq: 28 May 2020 11:21

Instrument :
MSVOA_Y
ClientSampleId :
VY0528SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.9	11.9	17.9
70	11.5	9.1	13.7

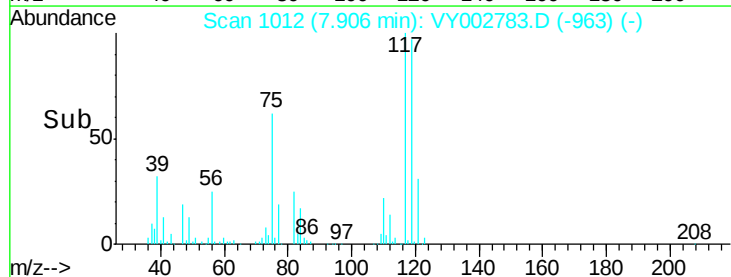
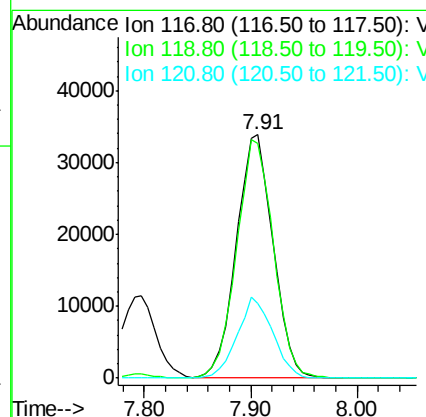
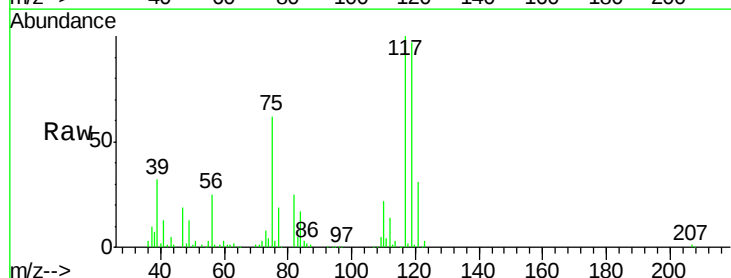
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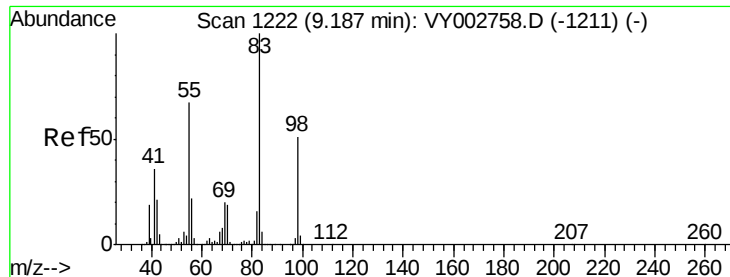
MMDadoda
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#38
Carbon Tetrachloride
Concen: 19.596 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VY002783.D
Acq: 28 May 2020 11:21

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.6	76.8	115.2
121	30.5	24.8	37.2





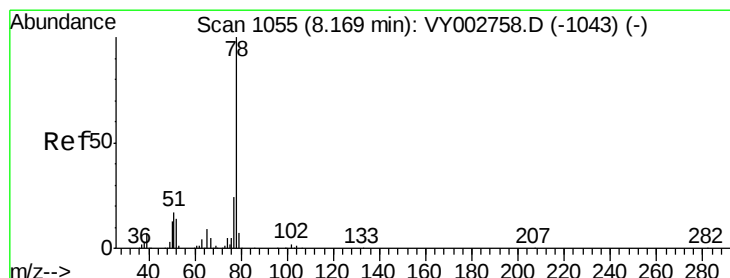
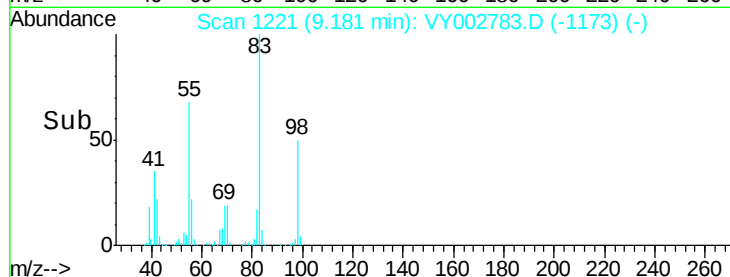
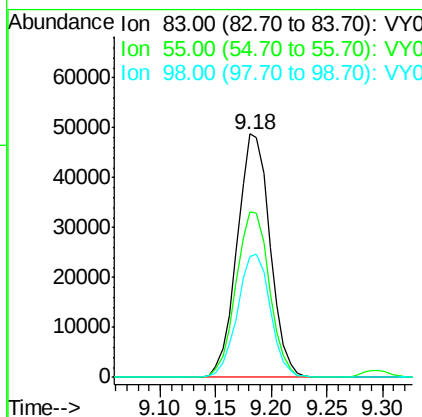
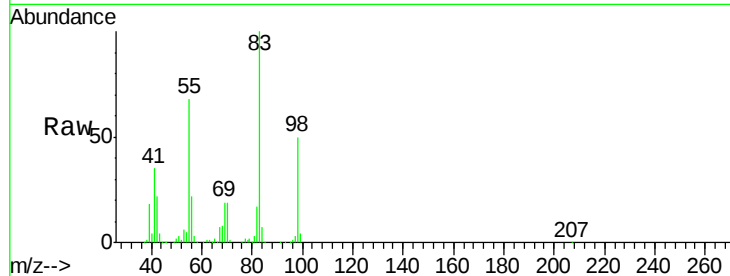
#39
Methvlcvclohexane
Concen: 20.155 ug/l
RT: 9.18 min Scan# 1221
Delta R.T. -0.01 min
Lab File: VY002783.D
Acq: 28 May 2020 11:21

Instrument :
MSVOA_Y
ClientSampleId :
VY0528SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	67.8	53.3	79.9
98	49.8	41.1	61.7

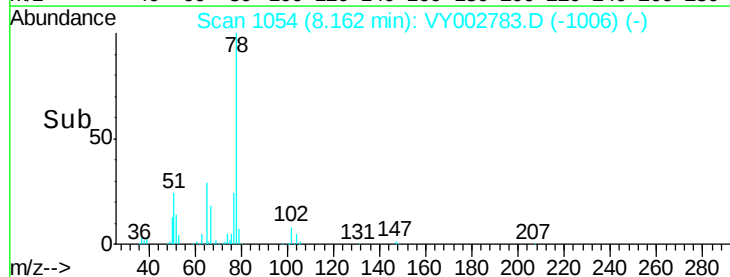
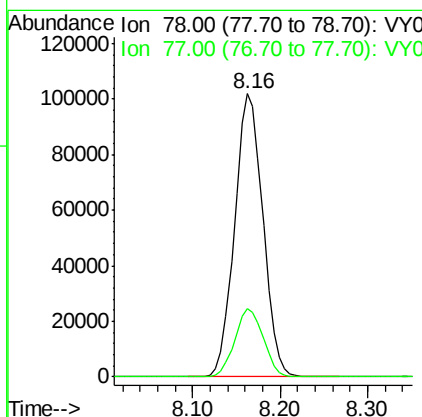
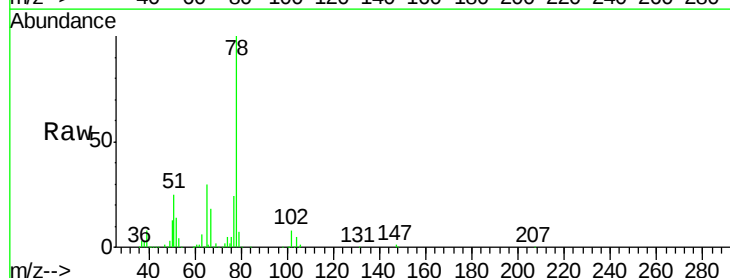
Manual Integrations
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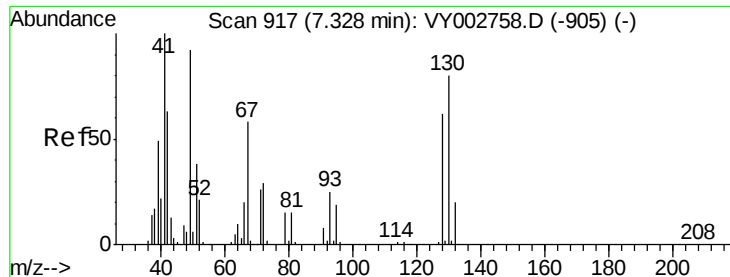
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5/29/2020 10:57:05 AM



#40
Benzene
Concen: 20.557 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.01 min
Lab File: VY002783.D
Acq: 28 May 2020 11:21

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.4	18.8	28.2





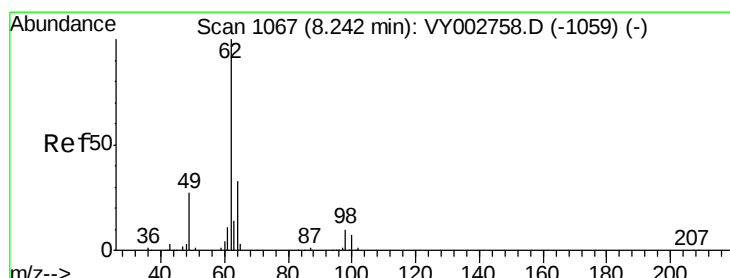
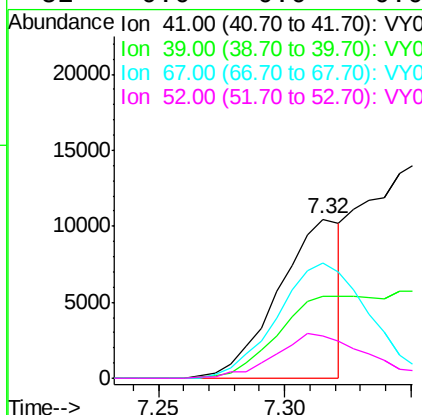
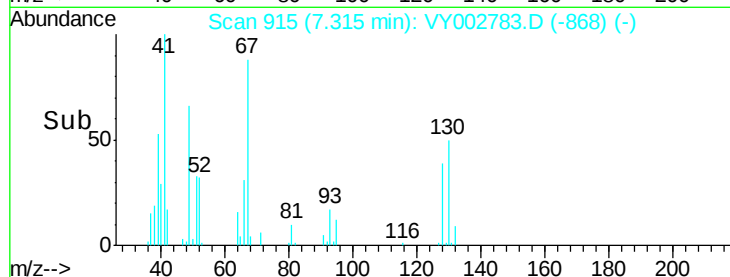
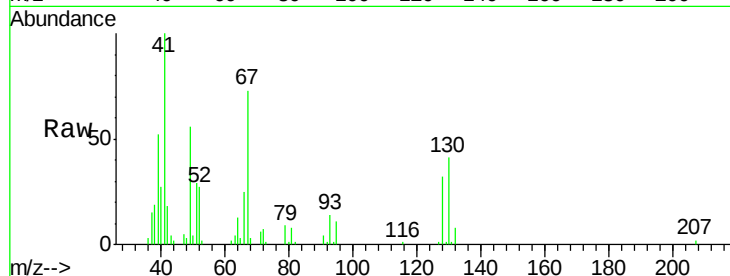
#41
Methacrylonitrile
Concen: 16.639 ug/l m
RT: 7.32 min Scan# 915
Delta R.T. -0.01 min
Lab File: VY002783.D
Acq: 28 May 2020 11:21

Instrument :
MSVOA_Y
ClientSampleId :
VY0528SBS01

Tot Ion	41	Resp:	18322
Ion Ratio	Lower	Upper	
41	100		
39	0.0	97.6	146.4#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

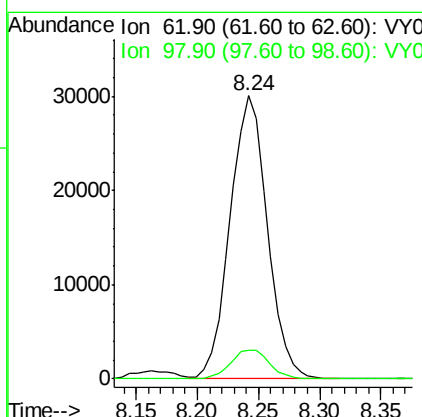
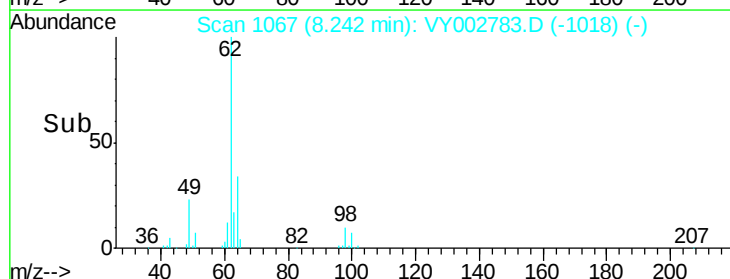
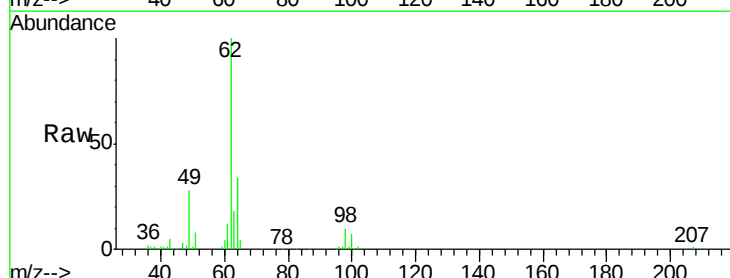
Manual Integrations
APPROVED

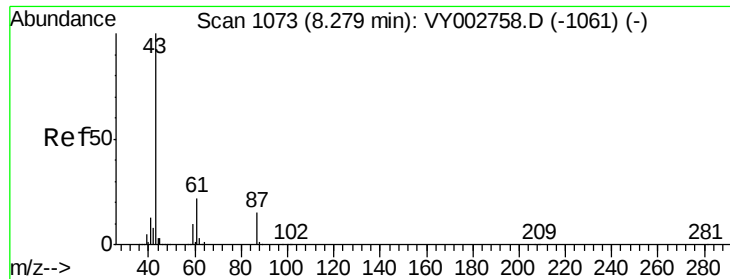
MMDadoda
5/29/2020 10:57:05 AM



#42
1,2-Dichloroethane
Concen: 20.359 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.00 min
Lab File: VY002783.D
Acq: 28 May 2020 11:21

Tgt Ion	62	Resp:	63513
Ion Ratio	Lower	Upper	
62	100		
98	10.8	0.0	22.6





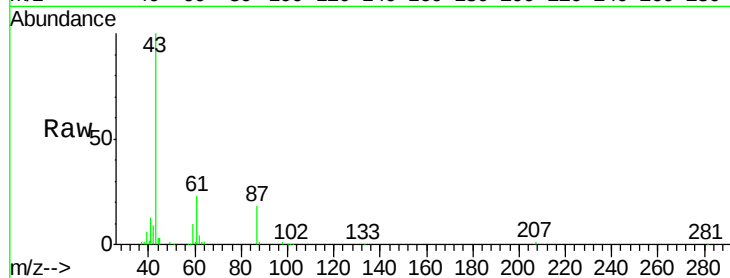
#43
Isopropyl Acetate
Concen: 20.423 ug/l
RT: 8.28 min Scan# 1073
Delta R.T. -0.00 min
Lab File: VY002783.D
Acq: 28 May 2020 11:21

Instrument :
MSVOA_Y
ClientSampleId :
VY0528SBS01

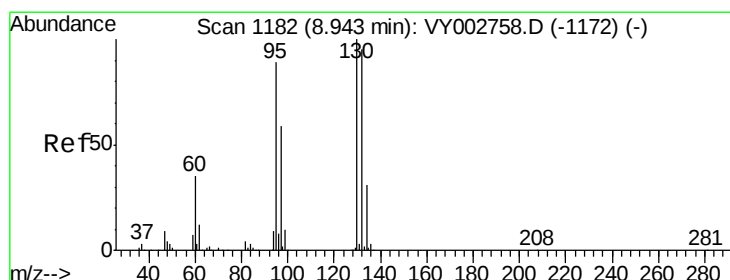
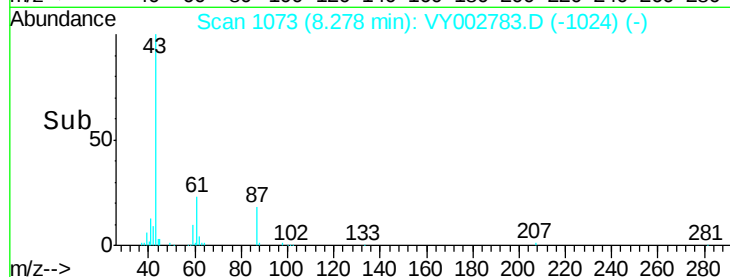
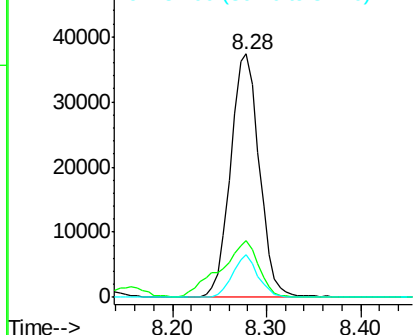
Tot Ion	Ratio	Lower	Upper
43	100		
61	31.0	24.8	37.2
87	15.6	12.4	18.6

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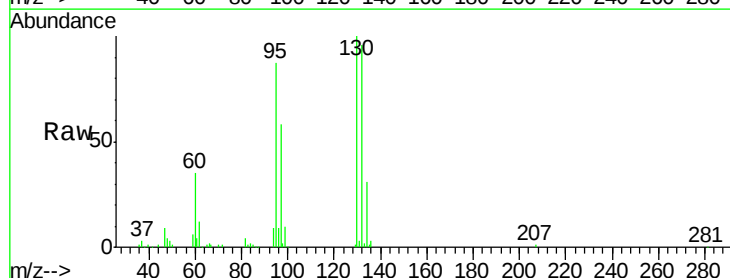


Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 61.00 (60.70 to 61.70): VY0
Ion 87.00 (86.70 to 87.70): VY0

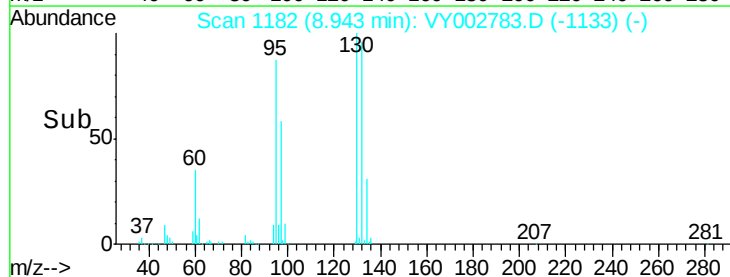
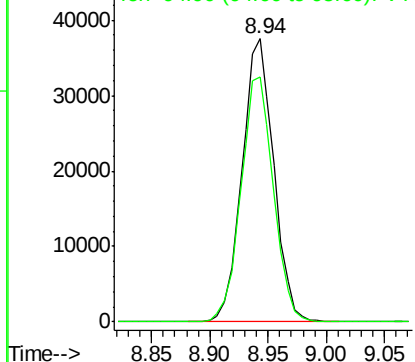


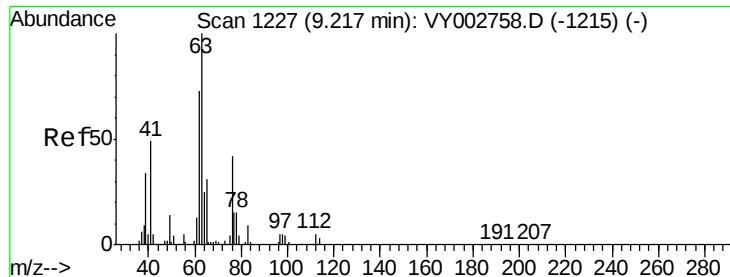
#44
Trichloroethene
Concen: 20.227 ug/l
RT: 8.94 min Scan# 1182
Delta R.T. -0.00 min
Lab File: VY002783.D
Acq: 28 May 2020 11:21

Tgt Ion	Ratio	Lower	Upper
130	100		
95	86.5	0.0	178.8



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VY0





#45

1,2-Dichloropropane

Concen: 19.967 ug/l

RT: 9.22 min Scan# 1227

Delta R.T. -0.00 min

Lab File: VY002783.D

Acq: 28 May 2020 11:21

Instrument :

MSVOA_Y

ClientSampleId :

VY0528SBS01

Tot Ion: 63 Resp: 53300

Ion Ratio Lower Upper

63 100

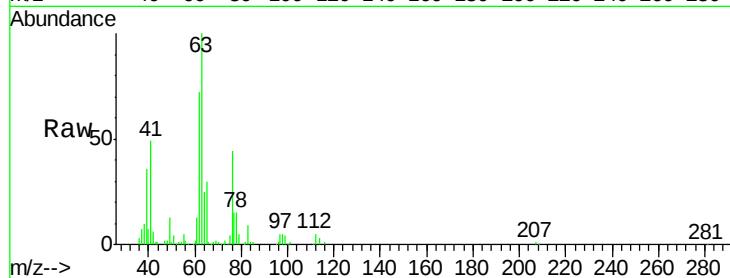
65 30.3 24.8 37.2

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Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 64.90 (64.60 to 65.60): VY0

9.22

30000

25000

20000

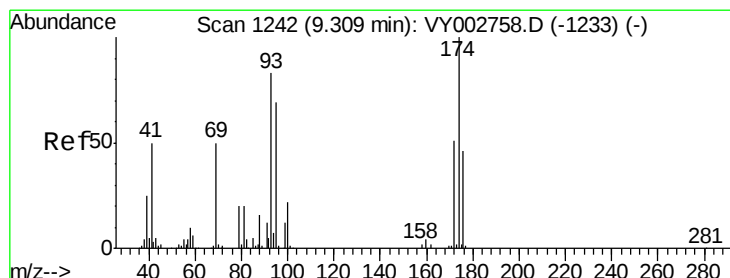
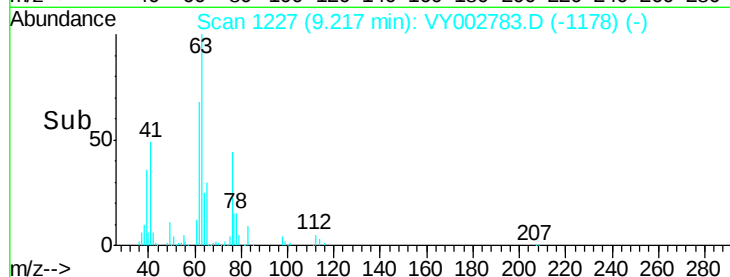
15000

10000

5000

0

Time--> 9.10 9.15 9.20 9.25 9.30



#46

Dibromomethane

Concen: 20.470 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. -0.00 min

Lab File: VY002783.D

Acq: 28 May 2020 11:21

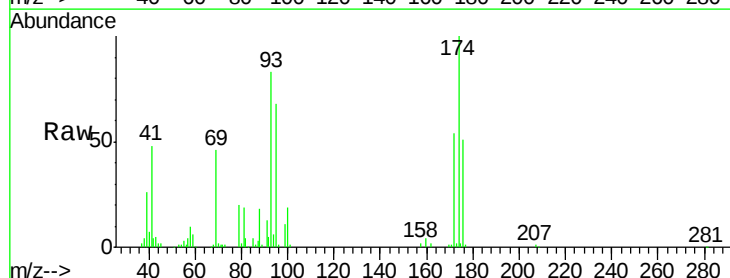
Tgt Ion: 93 Resp: 32452

Ion Ratio Lower Upper

93 100

95 83.4 66.9 100.3

174 121.2 97.7 146.5



Abundance Ion 92.80 (92.50 to 93.50): VY0

Ion 94.80 (94.50 to 95.50): VY0

Ion 173.70 (173.40 to 174.40): V

25000

20000

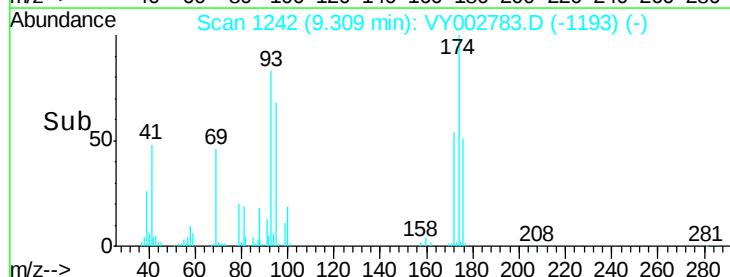
15000

10000

5000

0

Time--> 9.25 9.30 9.35





#47

Bromodichloromethane

Concen: 20.309 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.00 min

Lab File: VY002783.D

Acq: 28 May 2020 11:21

Instrument :

MSVOA_Y

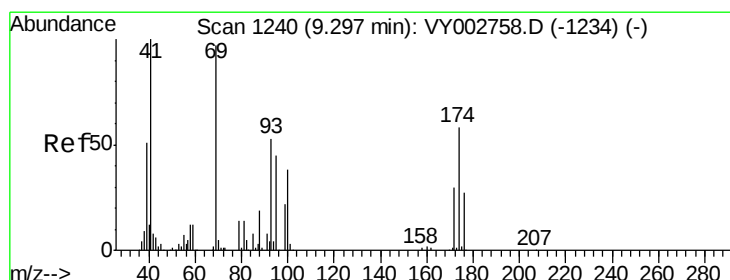
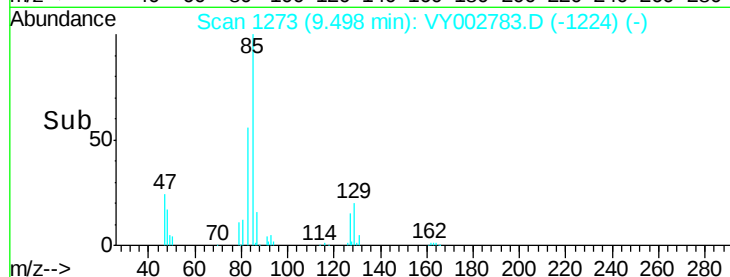
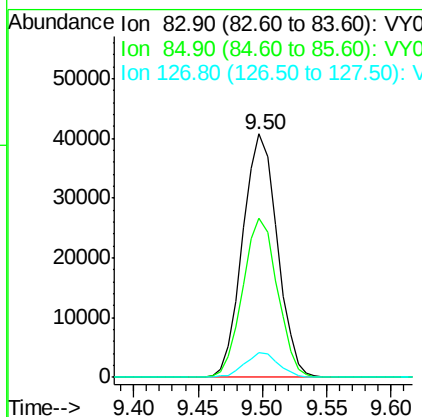
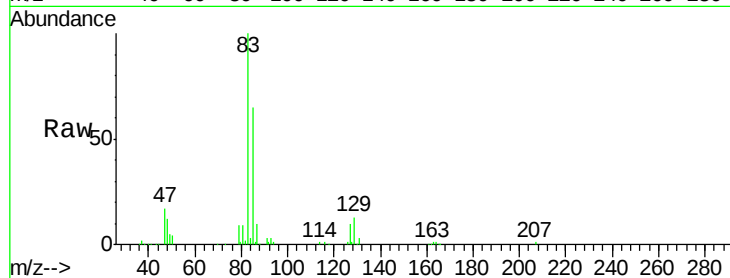
ClientSampleId :

VY0528SBS01

Tot Ion:	83	Resp:	75902
Ion	Ratio	Lower	Upper
83	100		
85	65.4	51.9	77.9
127	9.9	7.1	10.7

Manual Integrations
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#48

Methyl methacrylate

Concen: 20.412 ug/l

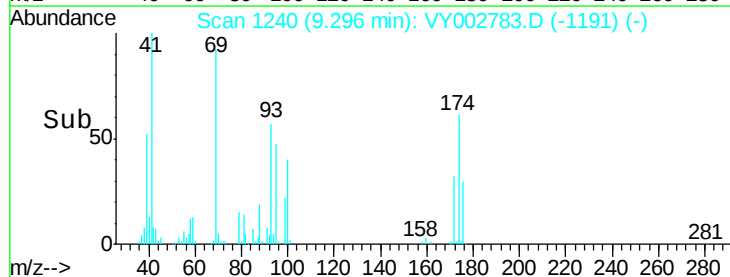
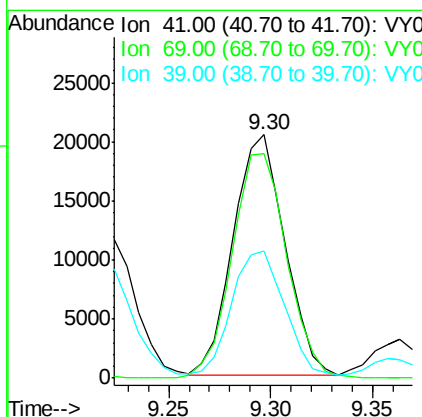
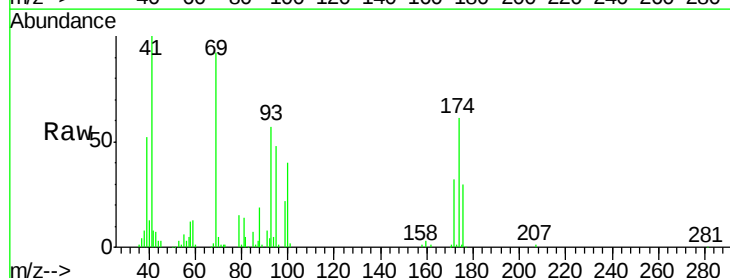
RT: 9.30 min Scan# 1240

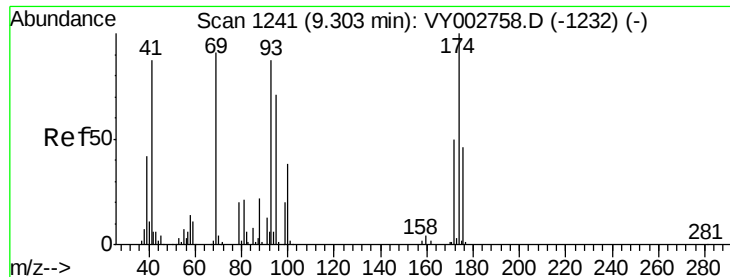
Delta R.T. -0.00 min

Lab File: VY002783.D

Acq: 28 May 2020 11:21

Tgt Ion:	41	Resp:	35791
Ion	Ratio	Lower	Upper
41	100		
69	98.9	79.7	119.5
39	55.0	43.3	64.9





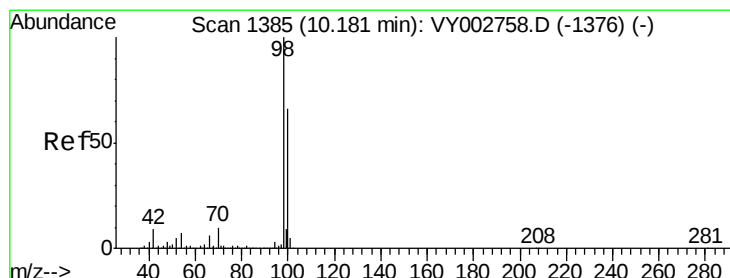
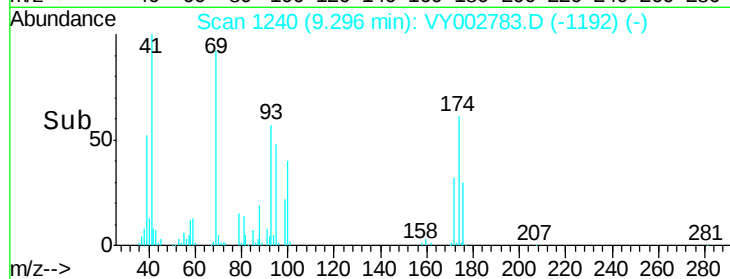
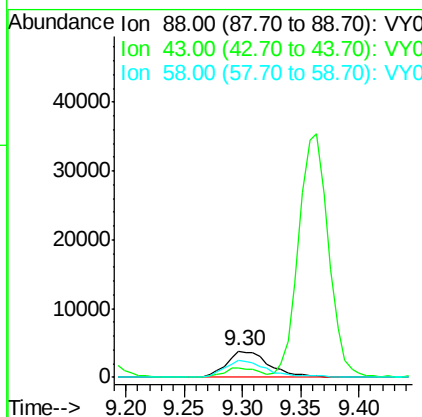
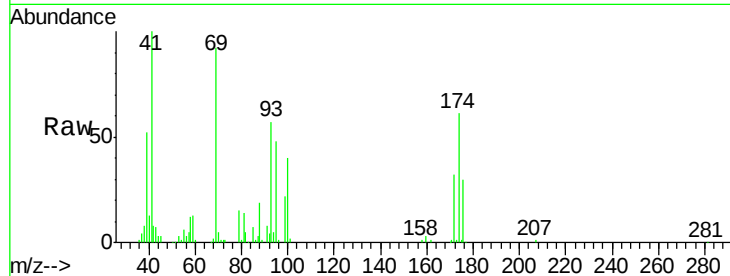
#49
1,4-Dioxane
Concen: 399.307 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. -0.01 min
Lab File: VY002783.D
Acq: 28 May 2020 11:21

Instrument :
MSVOA_Y
ClientSampleId :
VY0528SBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	29.4	21.3	31.9
58	66.3	52.2	78.2

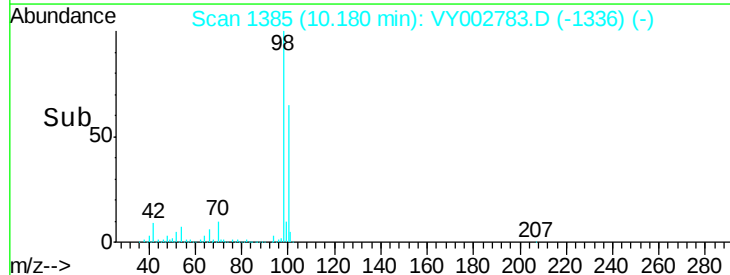
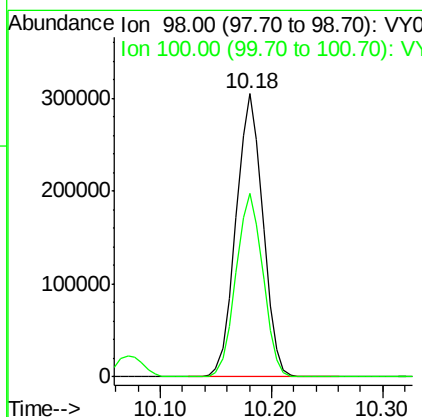
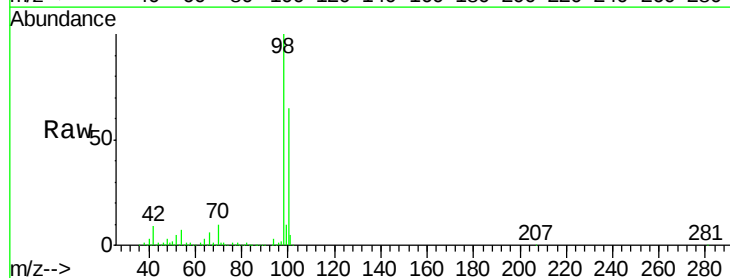
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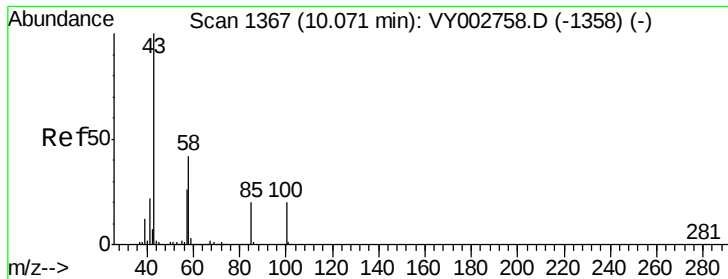
MMDadoda
5/29/2020 10:57:05 AM



#50
Toluene-d8
Concen: 48.069 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY002783.D
Acq: 28 May 2020 11:21

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.2	52.2	78.2





#51

4-Methyl-2-Pentanone

Concen: 103.898 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. -0.00 min

Lab File: VY002783.D

Acq: 28 May 2020 11:21

Instrument :

MSVOA_Y

ClientSampleId :

VY0528SBS01

Tot Ion: 43 Resp: 213689

Ion Ratio Lower Upper

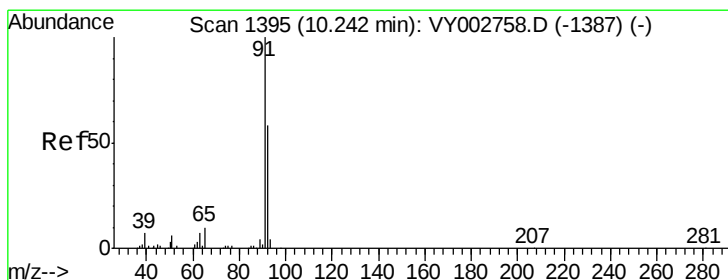
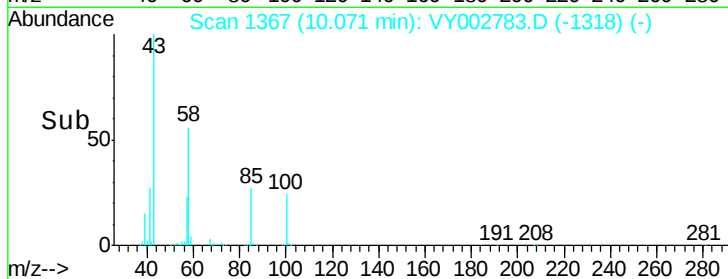
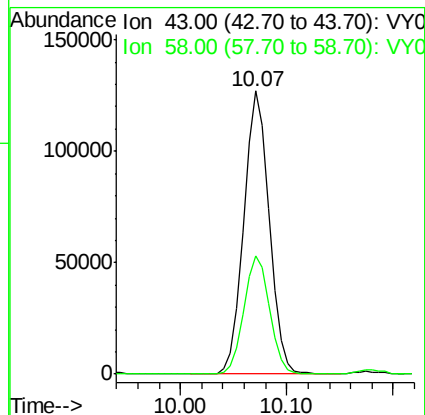
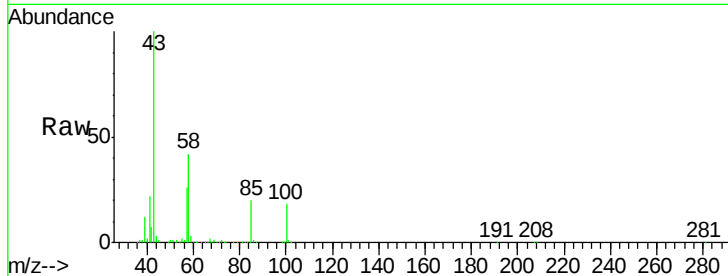
43 100

58 42.1 34.2 51.2

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#52

Toluene

Concen: 20.197 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. -0.00 min

Lab File: VY002783.D

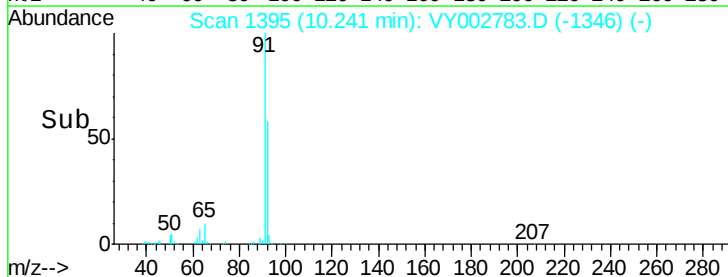
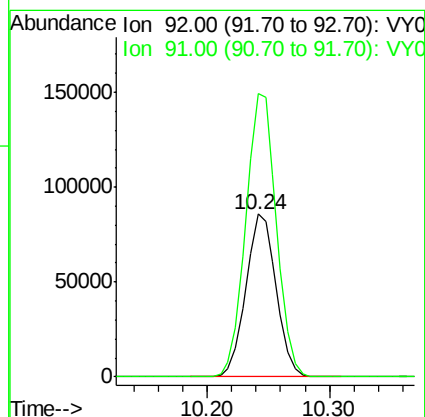
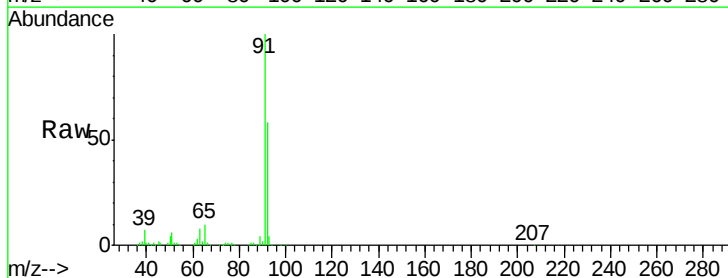
Acq: 28 May 2020 11:21

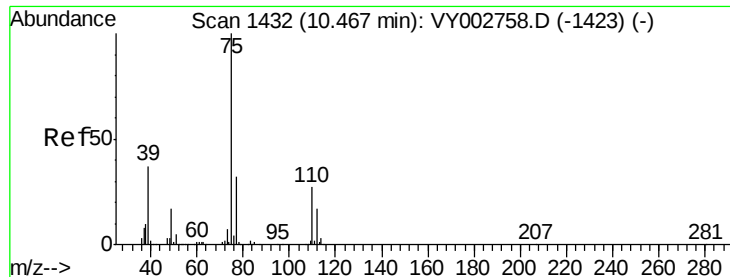
Tgt Ion: 92 Resp: 147072

Ion Ratio Lower Upper

92 100

91 175.8 138.5 207.7





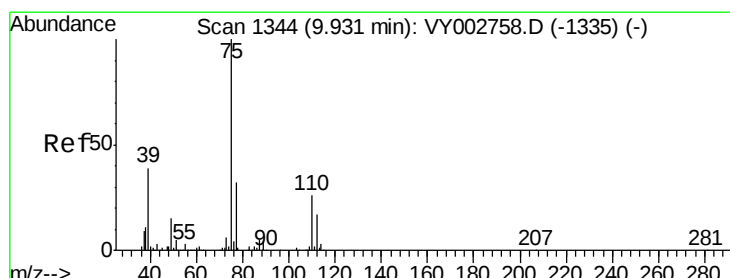
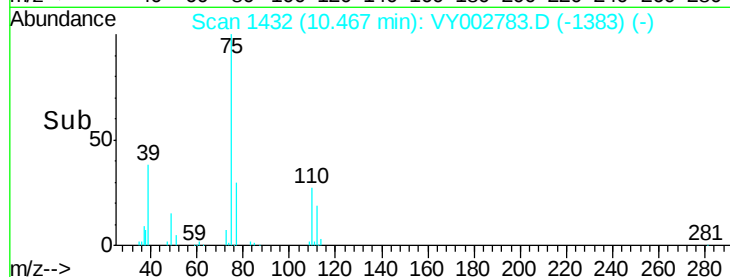
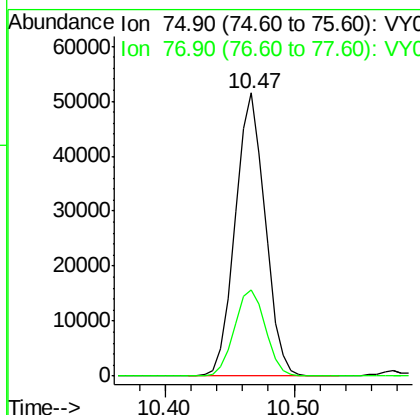
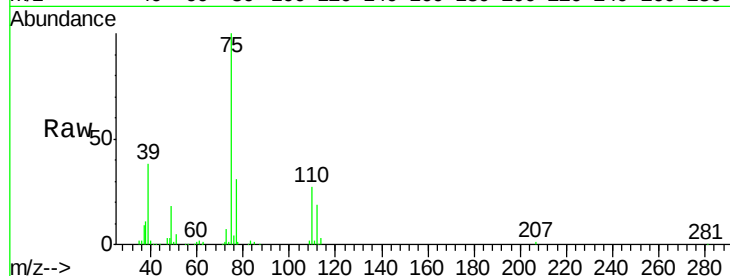
#53
t-1,3-Dichloropropene
Concen: 20.276 ug/l
RT: 10.47 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VY002783.D
Acq: 28 May 2020 11:21

Instrument :
MSVOA_Y
ClientSampleId :
VY0528SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.5	25.3	37.9

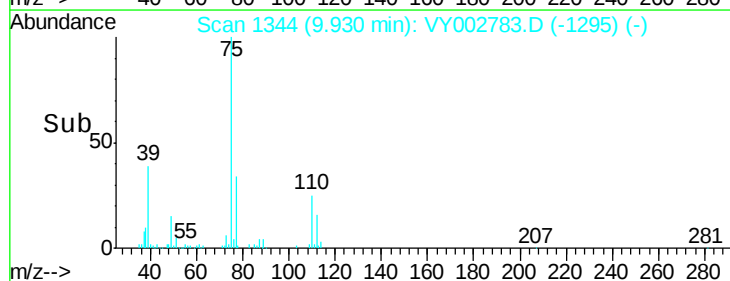
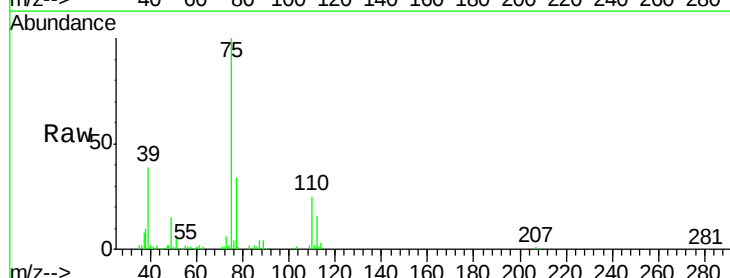
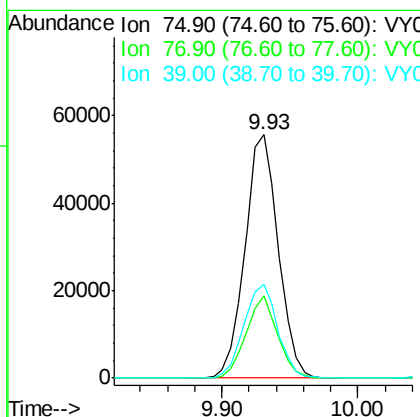
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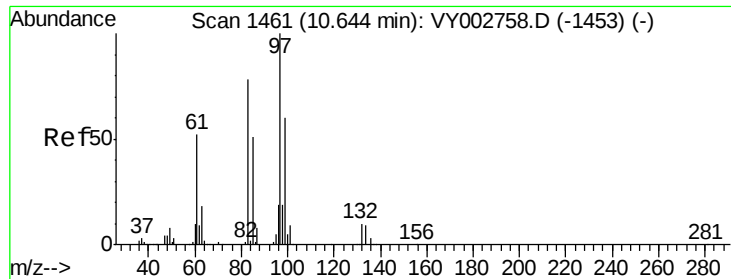
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#54
cis-1,3-Dichloropropene
Concen: 20.583 ug/l
RT: 9.93 min Scan# 1344
Delta R.T. -0.00 min
Lab File: VY002783.D
Acq: 28 May 2020 11:21

Tgt Ion	Ratio	Lower	Upper
75	100		
77	34.0	25.6	38.4
39	38.8	31.3	46.9





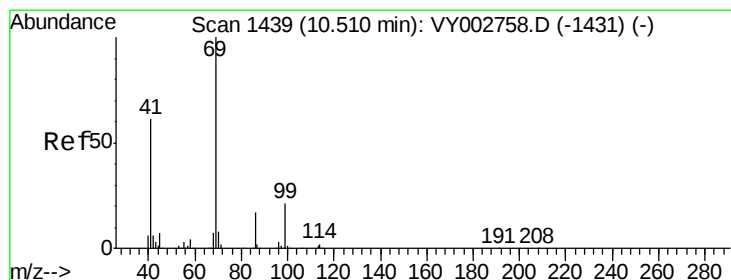
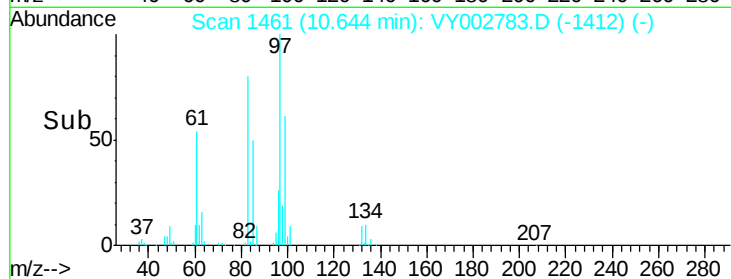
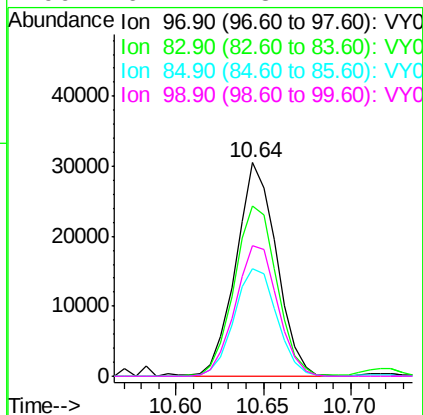
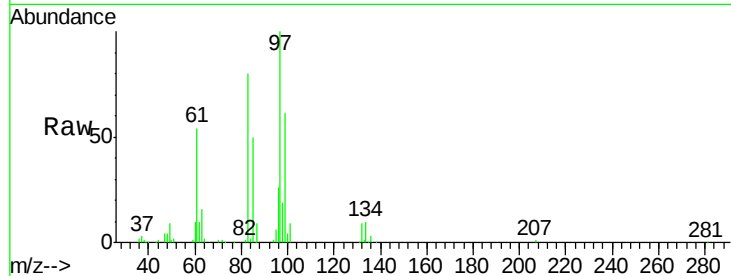
#55
 1,1,2-Trichloroethane
 Concen: 20.388 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.00 min
 Lab File: VY002783.D
 Acq: 28 May 2020 11:21

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0528SBS01

Tot Ion	97	Resp	49484
Ion	Ratio	Lower	Upper
97	100		
83	79.6	62.7	94.1
85	50.2	40.6	60.8
99	61.2	48.2	72.4

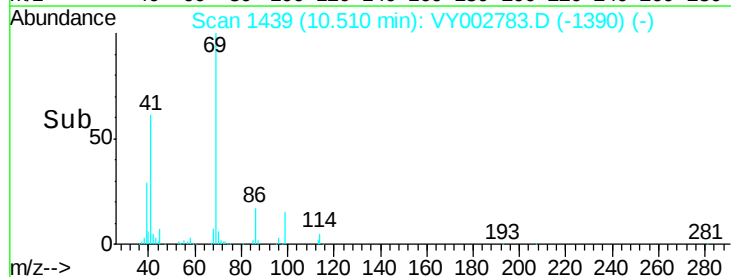
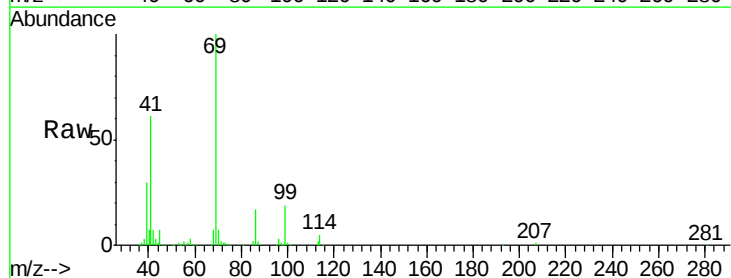
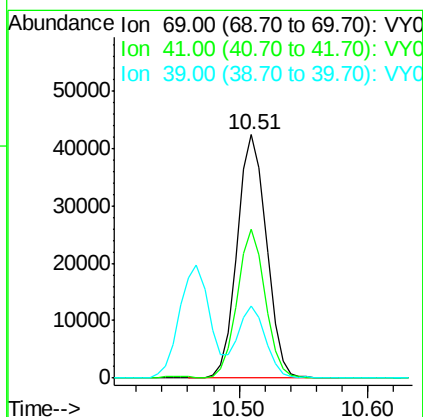
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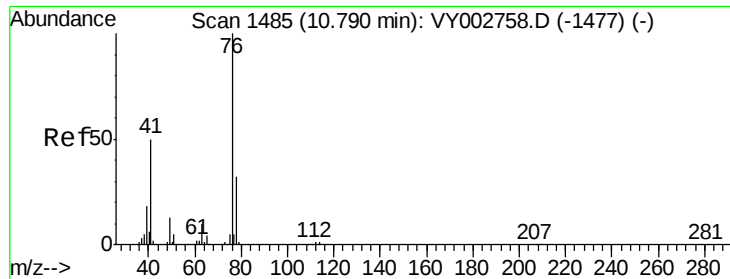
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#56
 Ethyl methacrylate
 Concen: 20.542 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: VY002783.D
 Acq: 28 May 2020 11:21

Tgt Ion	69	Resp	66780
Ion	Ratio	Lower	Upper
69	100		
41	57.9	47.0	70.4
39	29.7	22.0	33.0





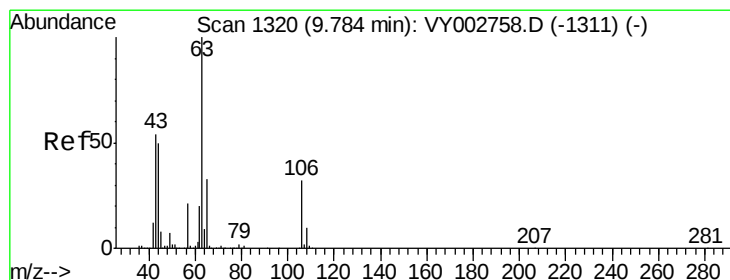
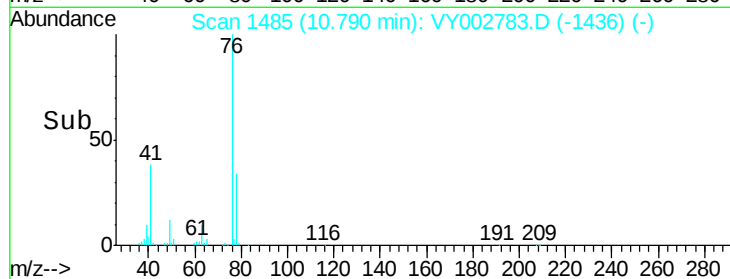
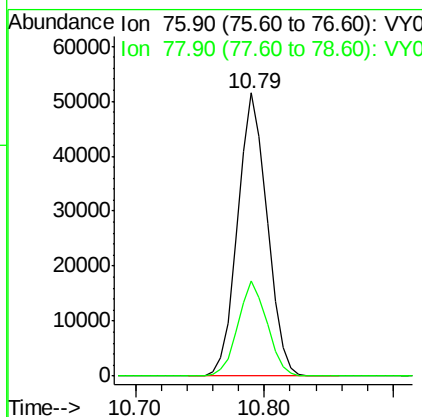
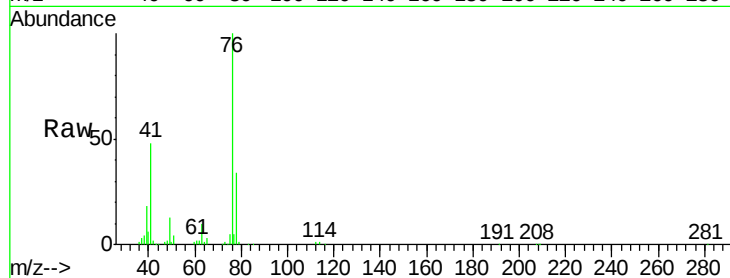
#57
 1,3-Dichloropropane
 Concen: 20.422 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. -0.00 min
 Lab File: VY002783.D
 Acq: 28 May 2020 11:21

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0528SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	33.2	26.1	39.1

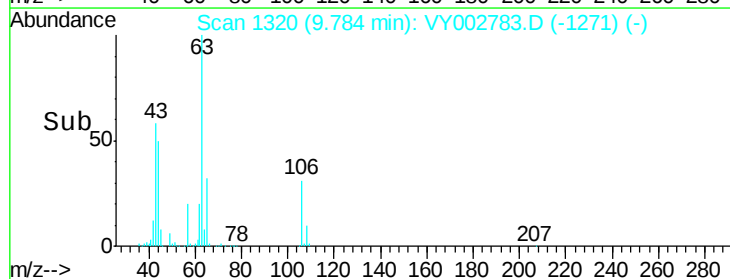
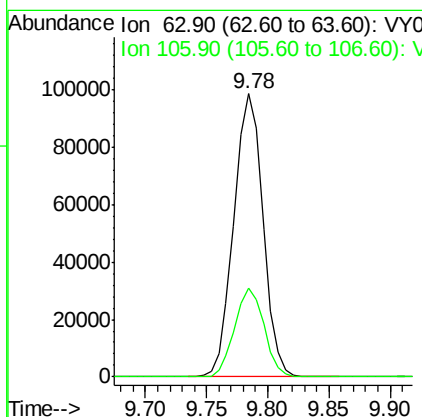
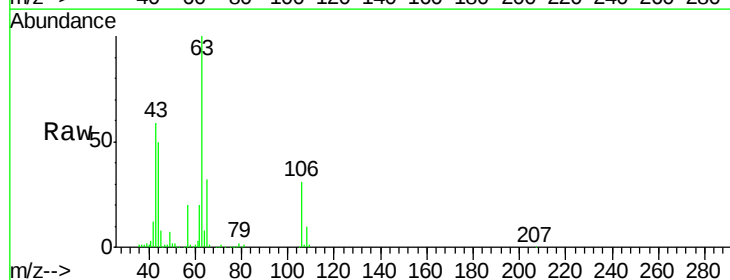
Manual Integrations
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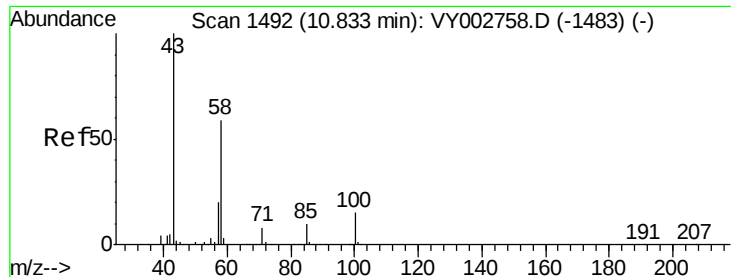
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 5/29/2020 10:57:05 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 102.507 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. -0.00 min
 Lab File: VY002783.D
 Acq: 28 May 2020 11:21

Tgt Ion	Ratio	Lower	Upper
63	100		
106	31.6	25.4	38.2





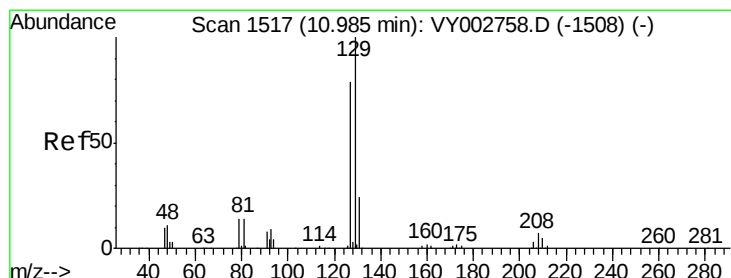
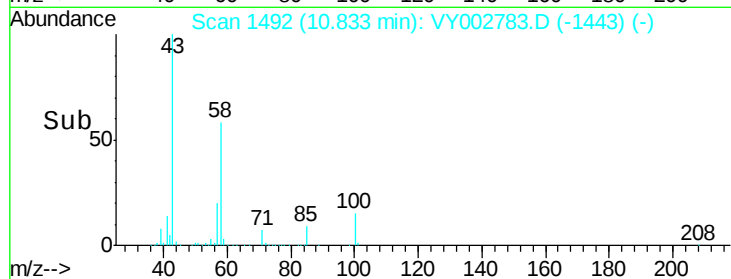
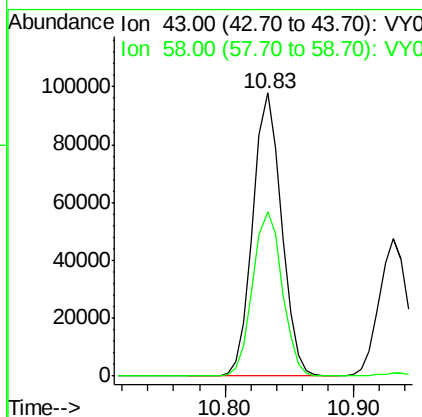
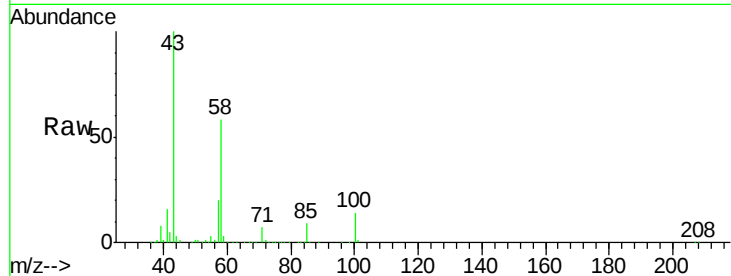
#59
2-Hexanone
Concen: 103.155 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY002783.D
Acq: 28 May 2020 11:21

Instrument :
MSVOA_Y
ClientSampleId :
VY0528SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	59.5	29.5	88.5

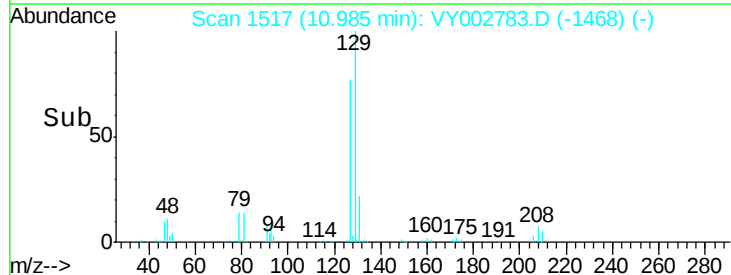
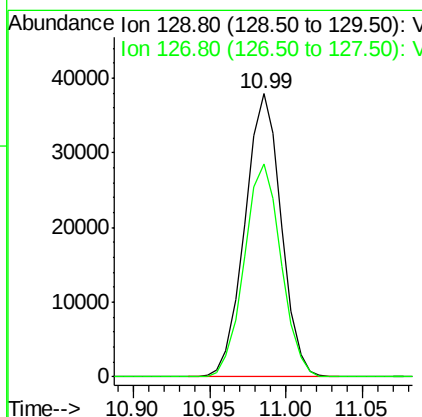
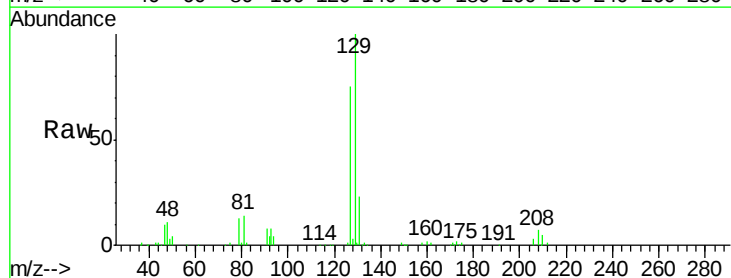
Manual Integrations
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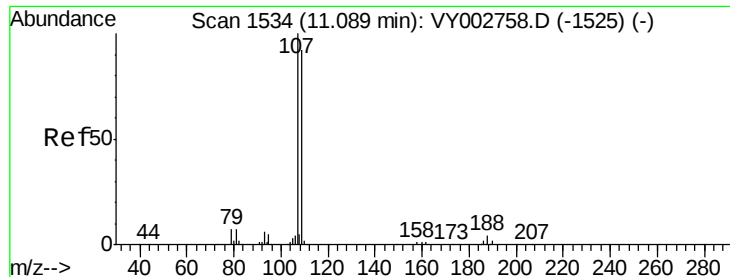
MMDadoda
5/29/2020 10:57:05 AM



#60
Dibromochloromethane
Concen: 20.355 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY002783.D
Acq: 28 May 2020 11:21

Tgt Ion	Ratio	Lower	Upper
129	100		
127	76.2	38.5	115.3





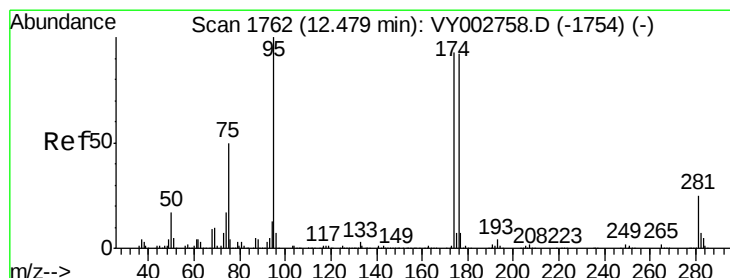
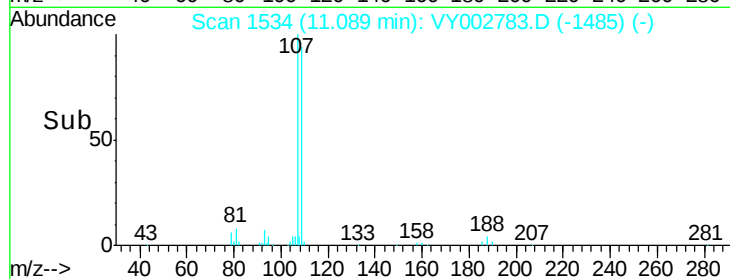
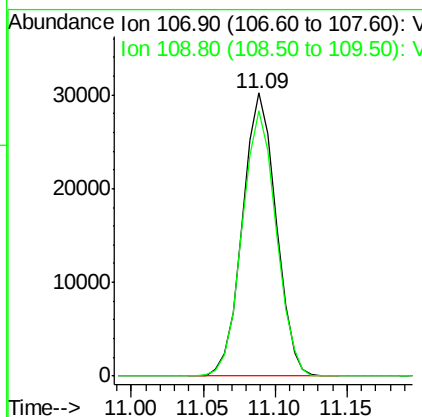
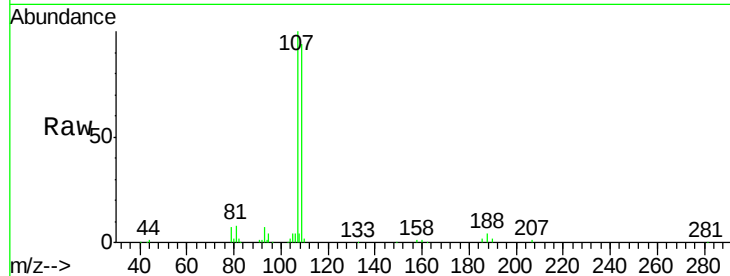
#61
 1,2-Dibromoethane
 Concen: 20.380 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VY002783.D
 Acq: 28 May 2020 11:21

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0528SBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.8	75.6	113.4

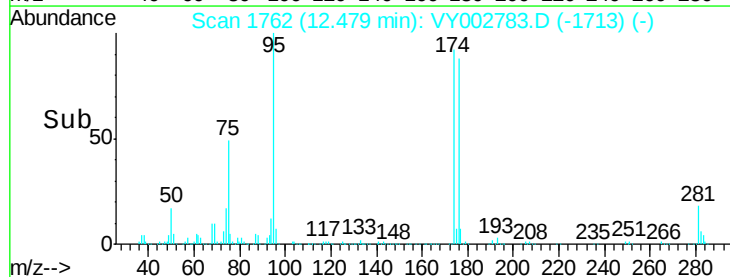
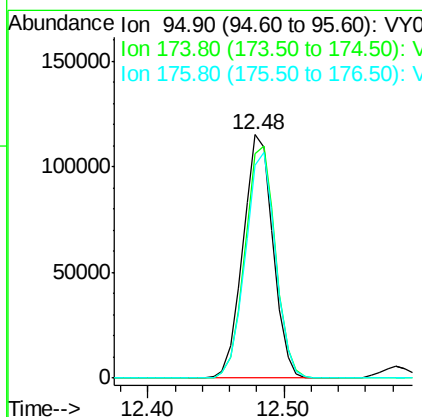
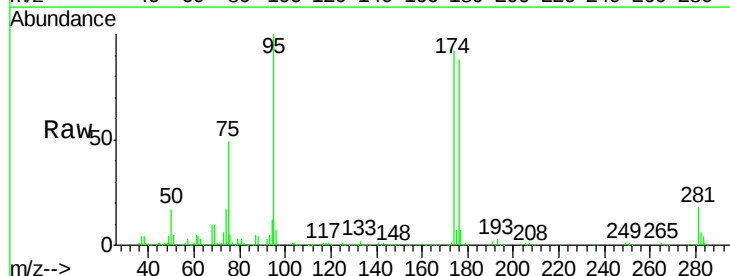
Manual Integrations
 APPROVED

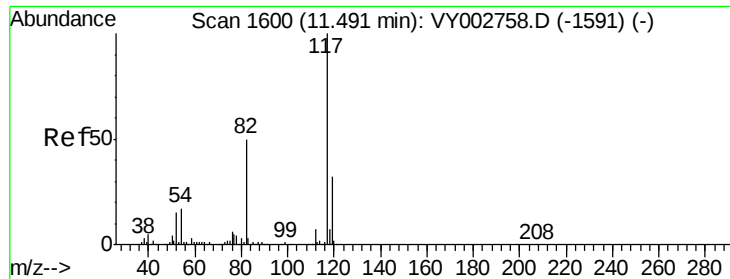
MMDadoda
 5/29/2020 10:57:05 AM



#62
 4-Bromofluorobenzene
 Concen: 48.865 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VY002783.D
 Acq: 28 May 2020 11:21

Tgt Ion	Ratio	Lower	Upper
95	100		
174	97.1	0.0	191.2
176	93.5	0.0	188.8





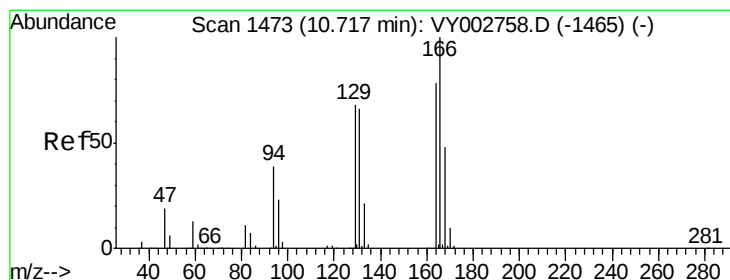
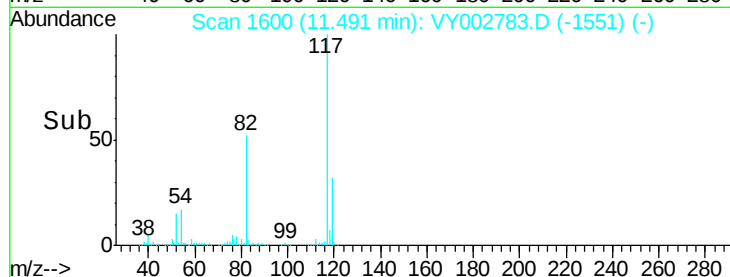
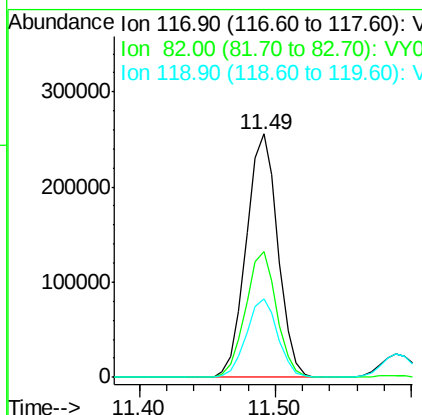
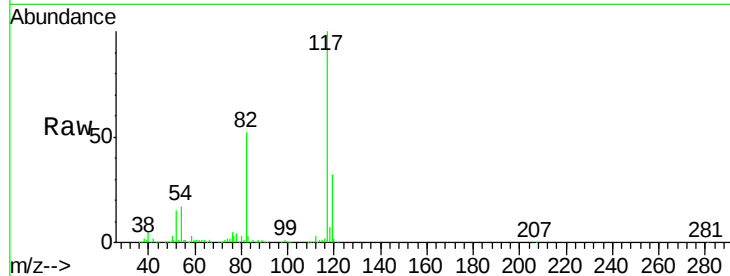
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY002783.D
Acq: 28 May 2020 11:21

Instrument :
MSVOA_Y
ClientSampleId :
VY0528SBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	415822		
82	51.5	40.2	60.4	
119	32.2	25.8	38.8	

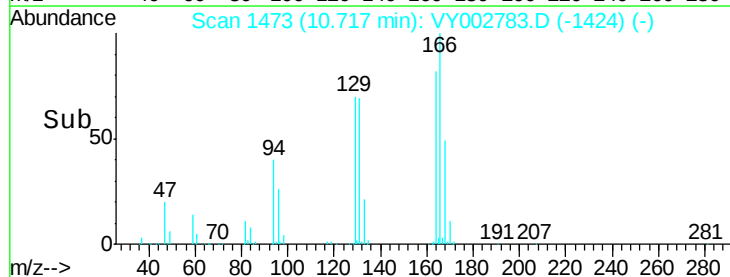
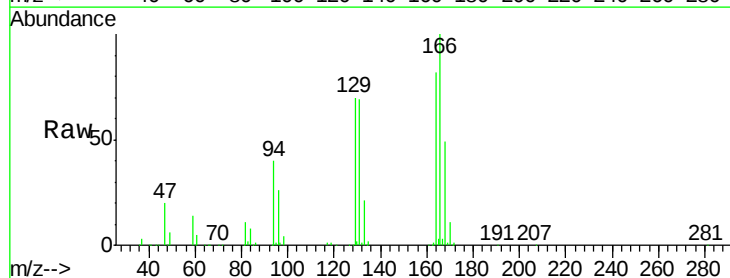
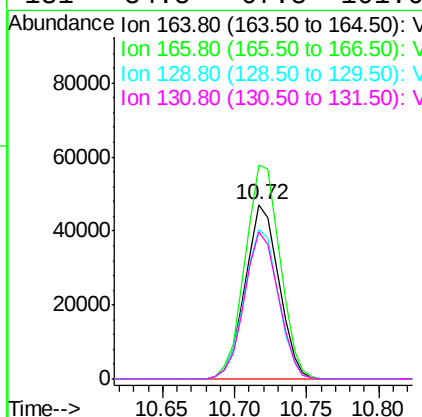
Manual Integrations
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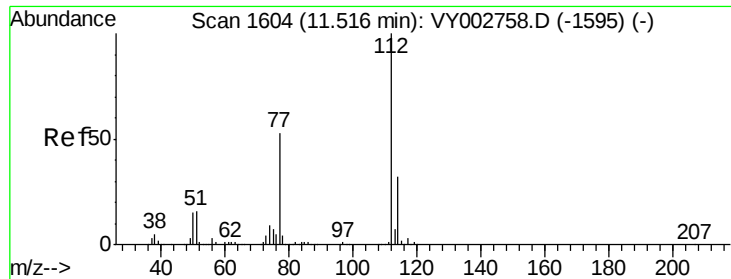
MMDadoda
5/29/2020 10:57:05 AM



#64
Tetrachloroethene
Concen: 20.163 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY002783.D
Acq: 28 May 2020 11:21

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	76201		
166	122.7	102.3	153.5	
129	85.9	69.4	104.2	
131	84.5	67.8	101.6	





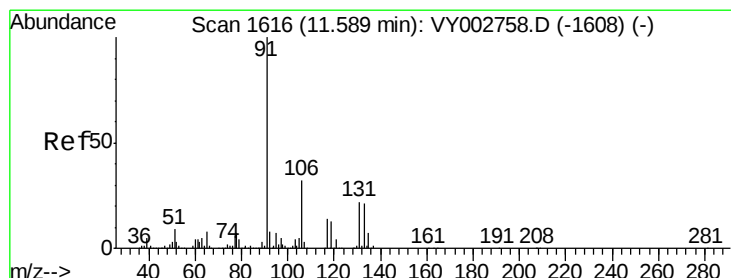
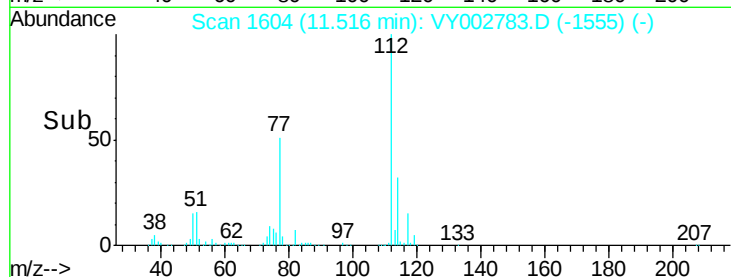
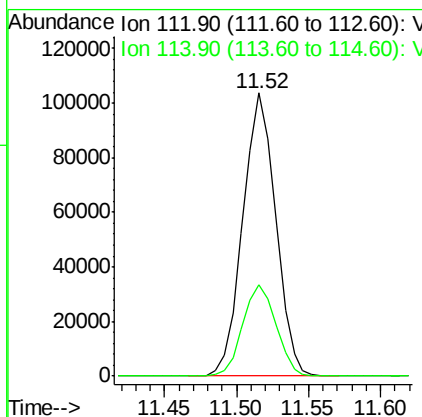
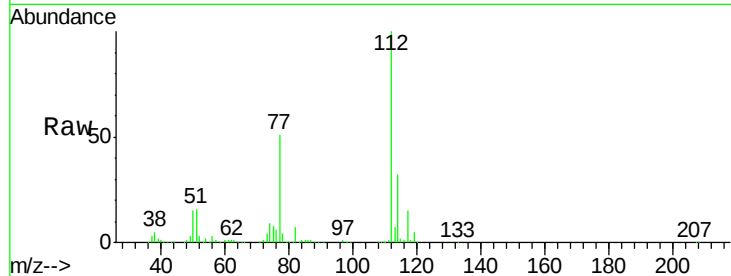
#65
Chlorobenzene
Concen: 19.976 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY002783.D
Acq: 28 May 2020 11:21

Instrument :
MSVOA_Y
ClientSampleId :
VY0528SBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.1	25.7	38.5

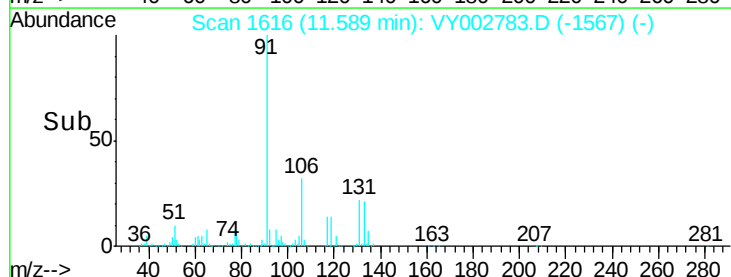
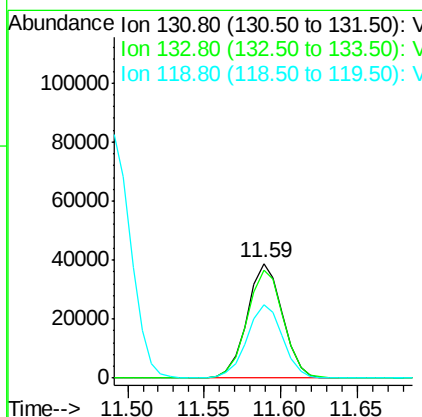
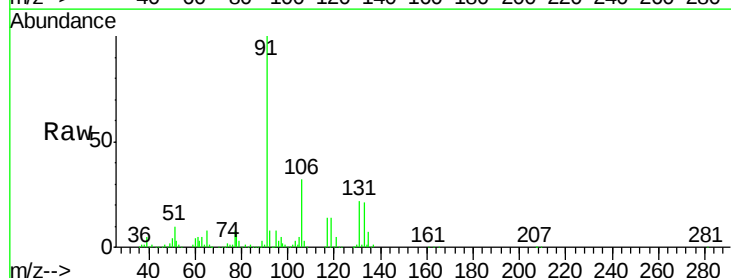
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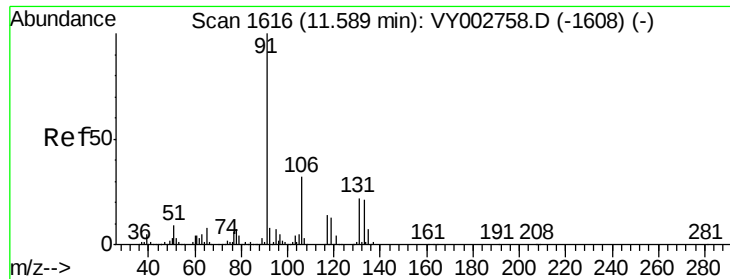
MMDadoda
5/29/2020 10:57:05 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 20.104 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY002783.D
Acq: 28 May 2020 11:21

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.7	47.6	142.8
119	64.6	31.7	95.1





#67

Ethyl Benzene

Concen: 20.074 ug/l

RT: 11.59 min Scan# 1617

Delta R.T. 0.01 min

Lab File: VY002783.D

Acq: 28 May 2020 11:21

Instrument :

MSVOA_Y

ClientSampleId :

VY0528SBS01

Tot Ion: 91 Resp: 286021

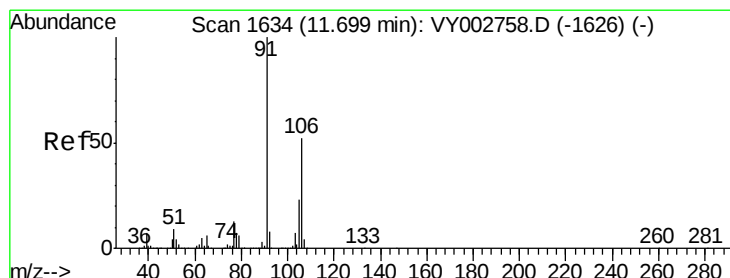
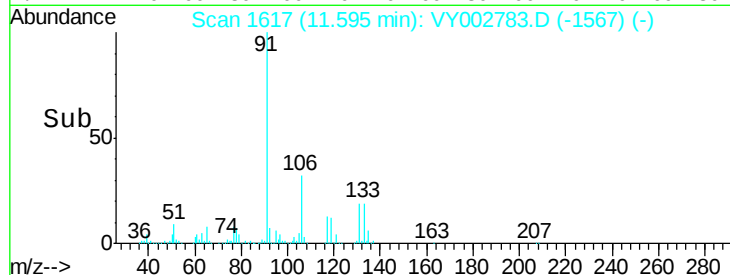
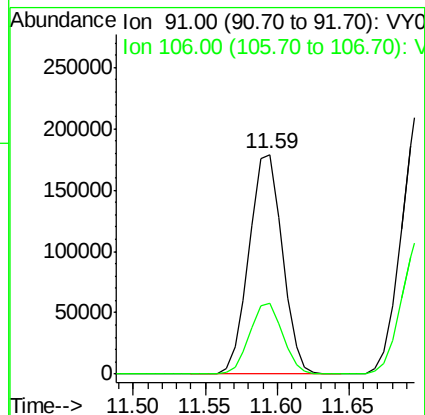
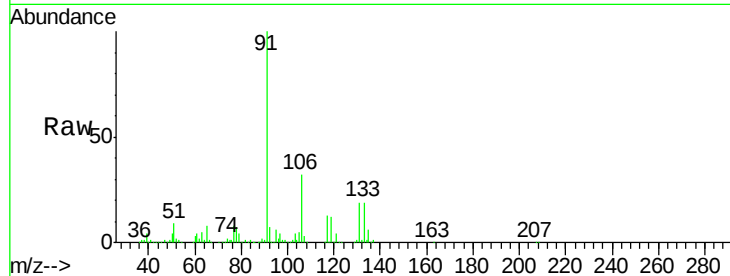
Ion Ratio Lower Upper

91 100

106 32.2 25.7 38.5

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#68

m/p-Xylenes

Concen: 41.227 ug/l

RT: 11.70 min Scan# 1635

Delta R.T. 0.01 min

Lab File: VY002783.D

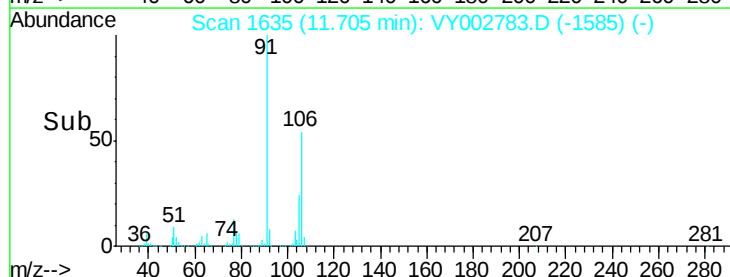
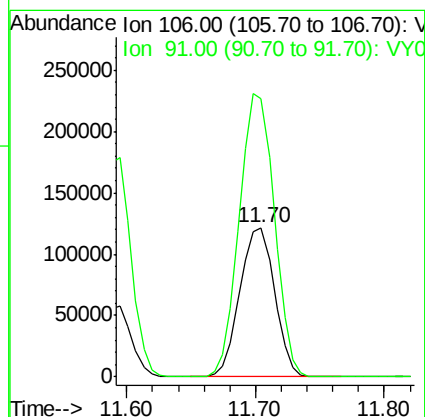
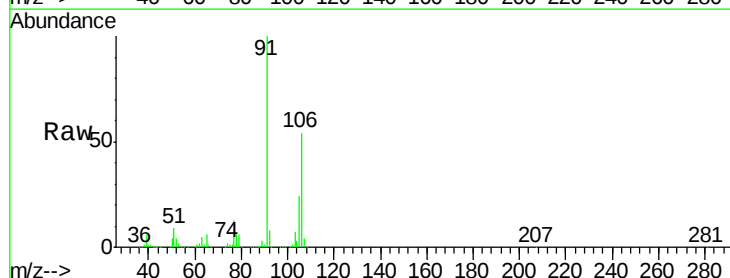
Acq: 28 May 2020 11:21

Tgt Ion: 106 Resp: 227747

Ion Ratio Lower Upper

106 100

91 191.2 156.0 234.0





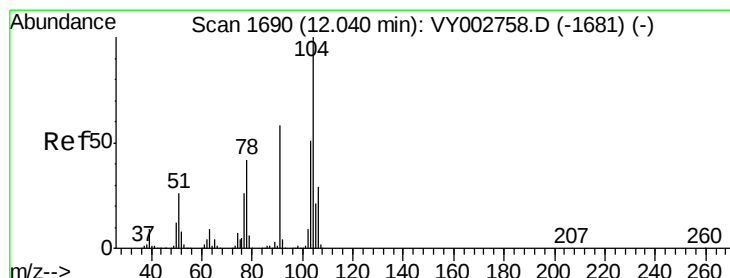
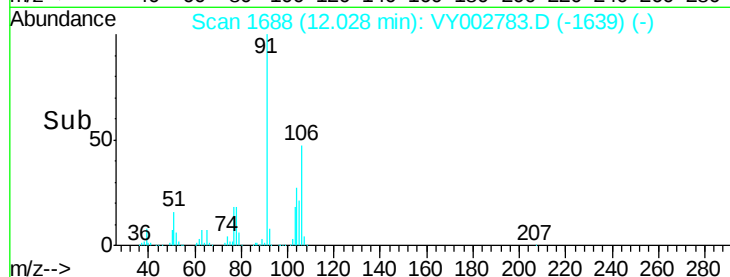
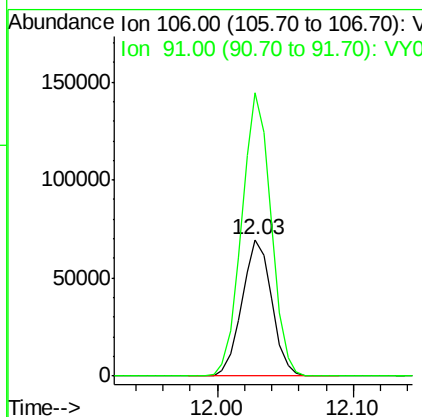
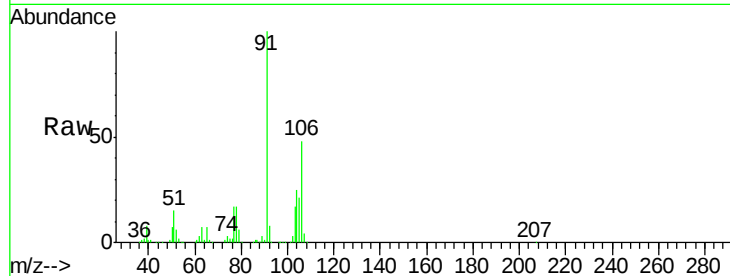
#69
o-Xylene
Concen: 20.383 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY002783.D
Acq: 28 May 2020 11:21

Instrument :
MSVOA_Y
ClientSampleId :
VY0528SBS01

Tot Ion	Ion	Ratio	Lower	Upper
106	106	100		
91	91	204.4	102.4	307.1

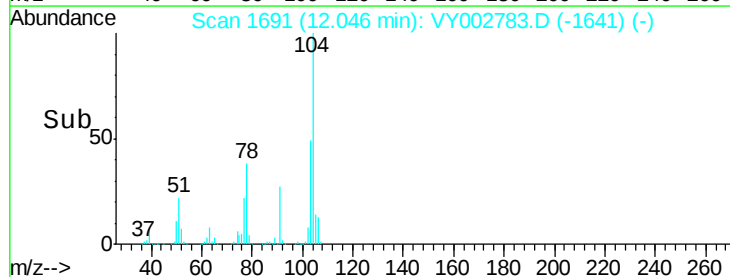
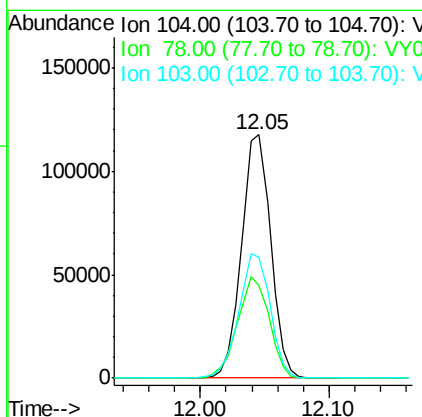
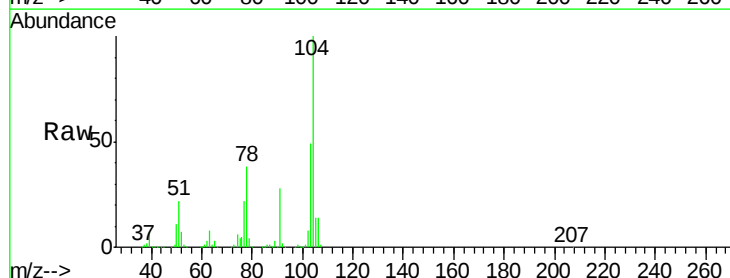
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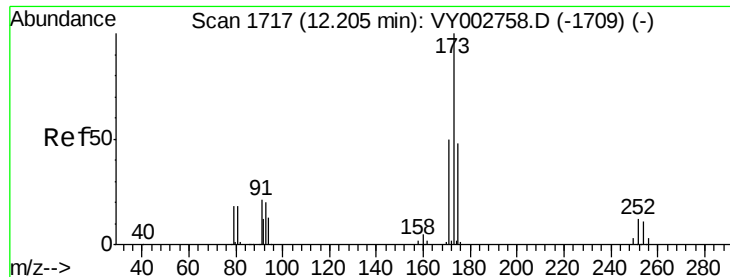
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#70
Styrene
Concen: 20.361 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.01 min
Lab File: VY002783.D
Acq: 28 May 2020 11:21

Tgt Ion	Ion	Ratio	Lower	Upper
104	104	100		
78	78	45.6	36.2	54.4
103	103	54.9	43.6	65.4





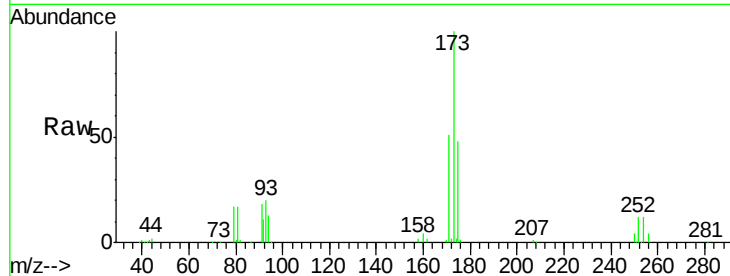
#71
Bromoform
Concen: 20.385 ug/l
RT: 12.21 min Scan# 1718
Delta R.T. 0.01 min
Lab File: VY002783.D
Acq: 28 May 2020 11:21

Instrument :
MSVOA_Y
ClientSampleId :
VY0528SBS01

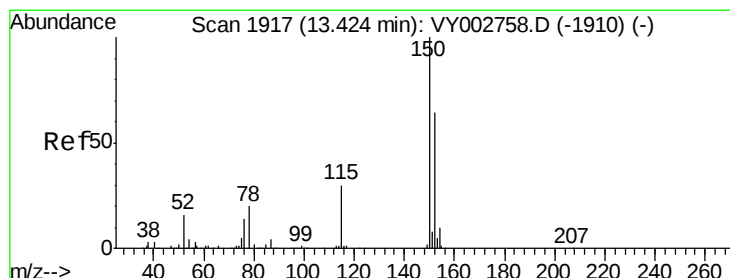
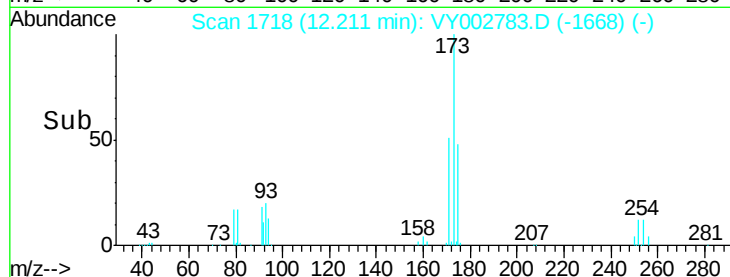
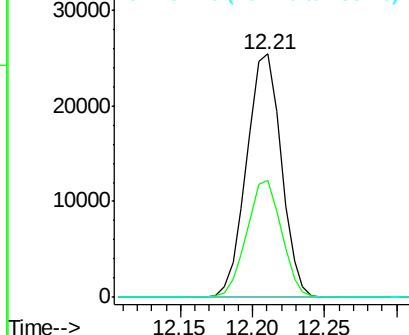
Tot Ion	Ratio	Lower	Upper
173	100		
175	48.3	24.3	72.8
254	0.0	0.1	0.1#

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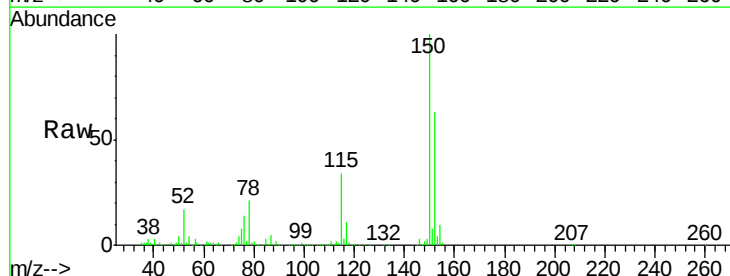


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

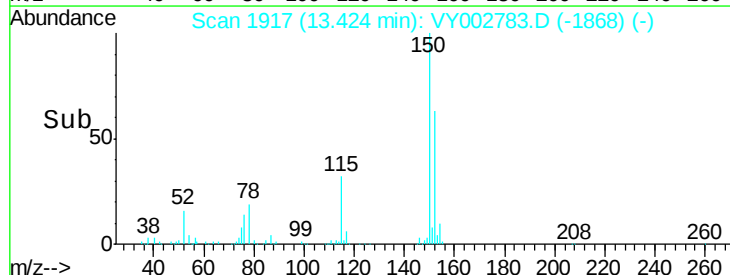
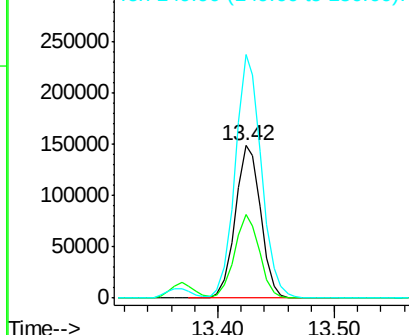


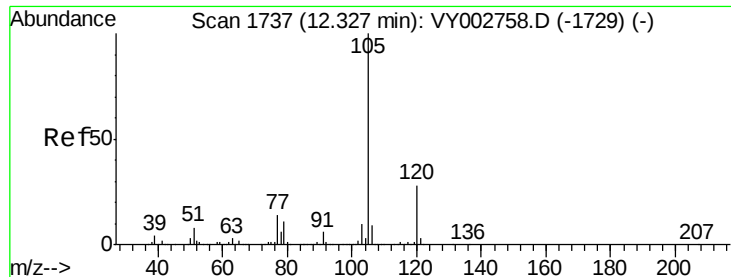
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY002783.D
Acq: 28 May 2020 11:21

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.0	27.0	81.0
150	164.5	0.0	344.8



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





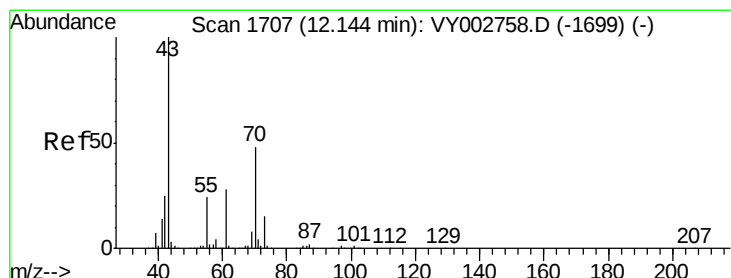
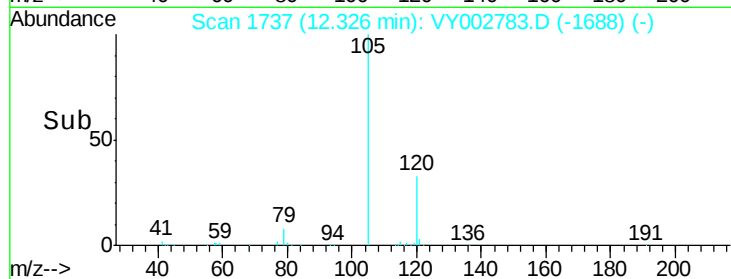
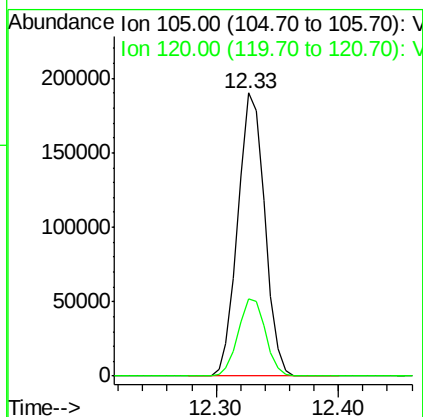
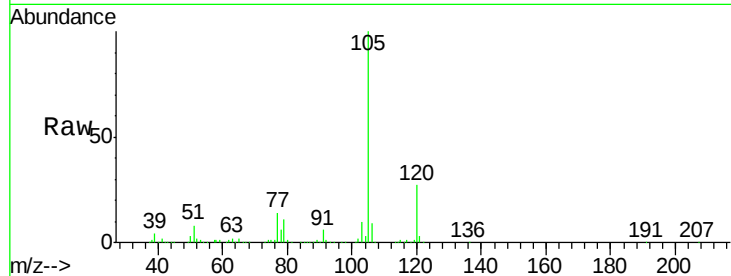
#73
Isopropylbenzene
Concen: 19.979 ug/l
RT: 12.33 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VY002783.D
Acq: 28 May 2020 11:21

Instrument :
MSVOA_Y
ClientSampleId :
VY0528SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
120	27.8	13.7	41.1

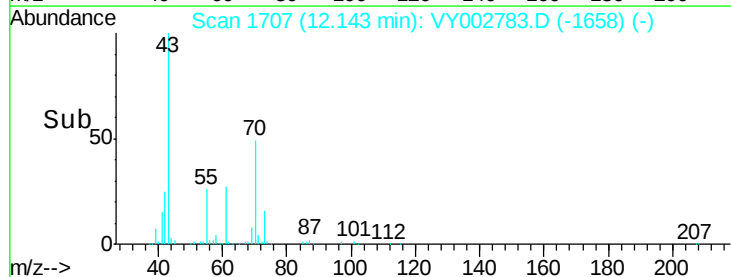
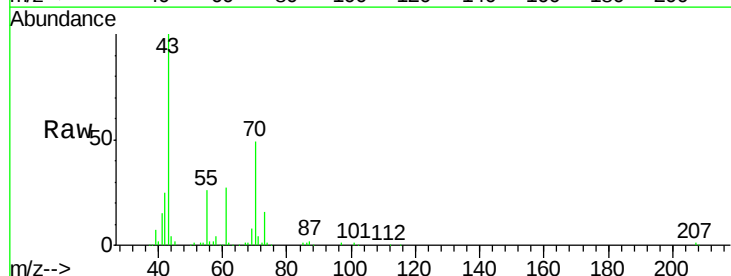
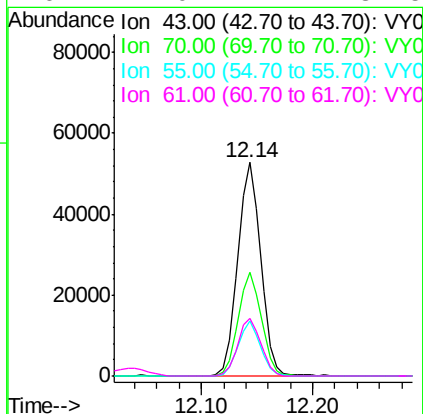
Manual Integrations
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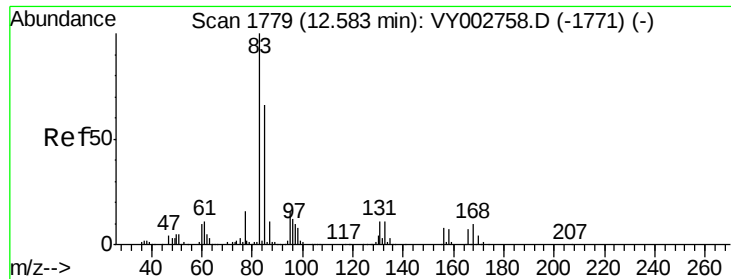
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#74
N-ethyl acetate
Concen: 20.359 ug/l
RT: 12.14 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VY002783.D
Acq: 28 May 2020 11:21

Tgt Ion	Ratio	Lower	Upper
43	100		
70	49.0	37.7	56.5
55	24.7	19.8	29.6
61	27.0	21.7	32.5





#75

1,1,2,2-Tetrachloroethane

Concen: 20.508 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY002783.D

Acq: 28 May 2020 11:21

Instrument :

MSVOA_Y

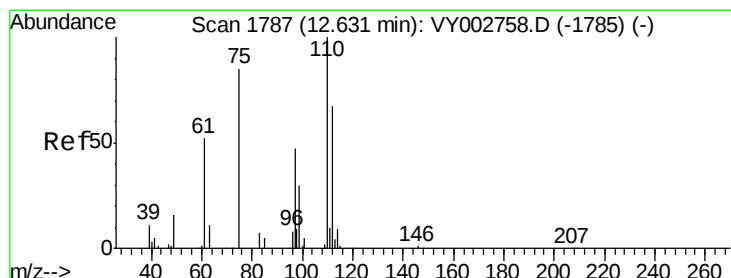
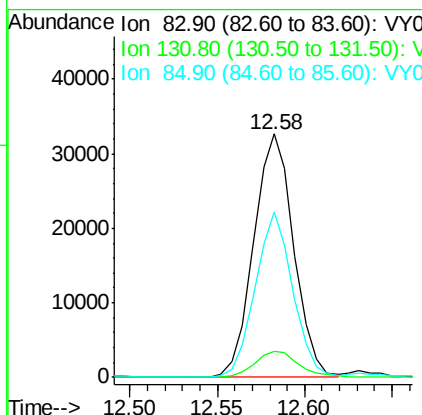
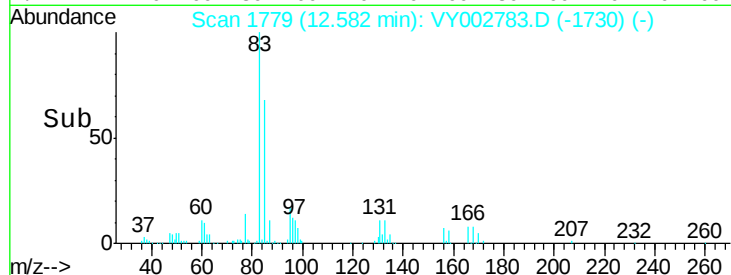
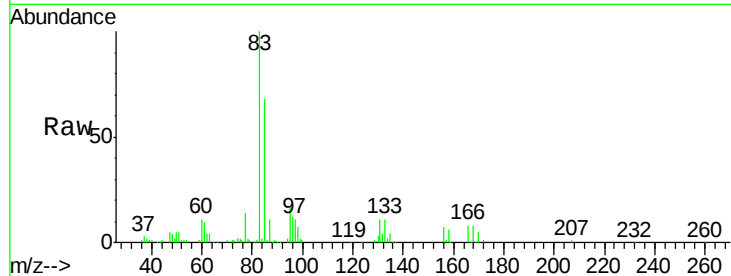
ClientSampleId :

VY0528SBS01

Tot Ion:	83	Resp:	52081
Ion Ratio	Lower	Upper	
83	100		
131	12.0	5.8	17.4
85	64.0	32.6	98.0

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 21.110 ug/l m

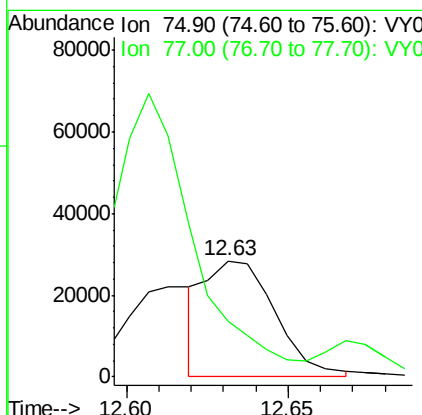
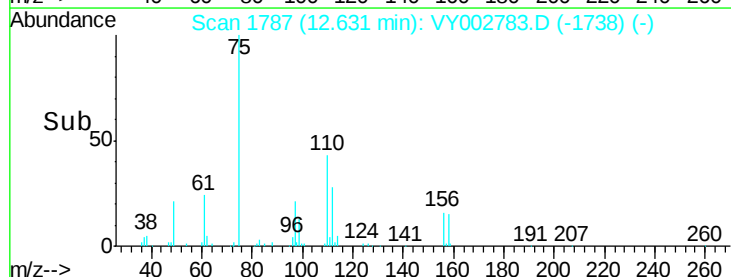
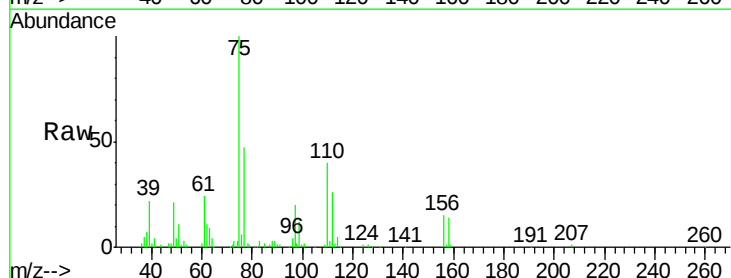
RT: 12.63 min Scan# 1787

Delta R.T. -0.00 min

Lab File: VY002783.D

Acq: 28 May 2020 11:21

Tgt Ion:	75	Resp:	42962
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 19.878 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY002783.D

Acq: 28 May 2020 11:21

Instrument :

MSVOA_Y

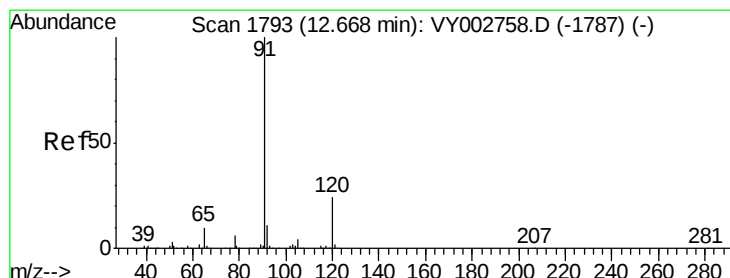
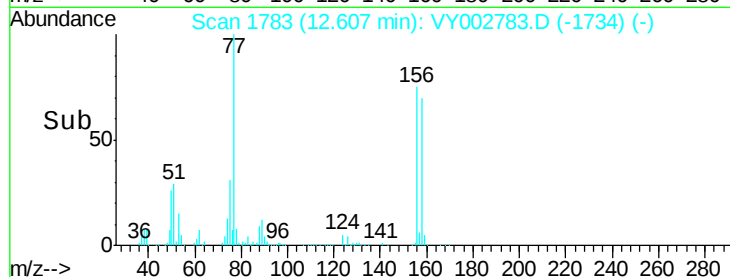
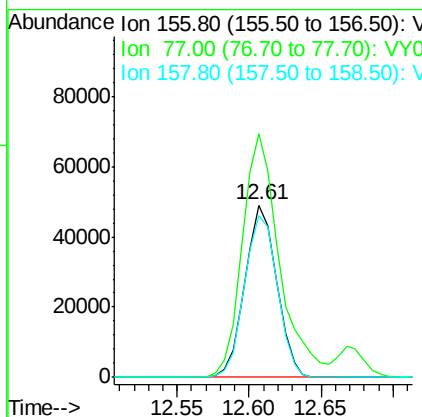
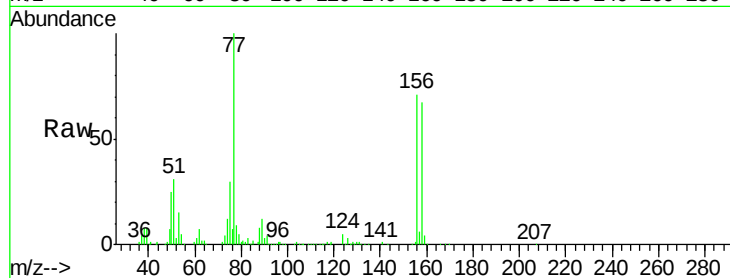
ClientSampleId :

VY0528SBS01

Tot Ion:	156	Resp:	74916
Ion Ratio	Lower	Upper	
156	100		
77	165.7	81.4	244.2
158	97.1	48.5	145.6

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#78

n-propylbenzene

Concen: 20.243 ug/l

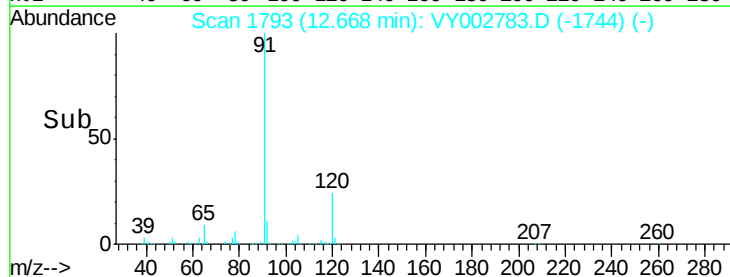
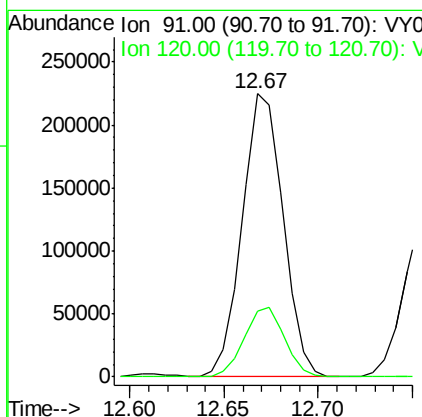
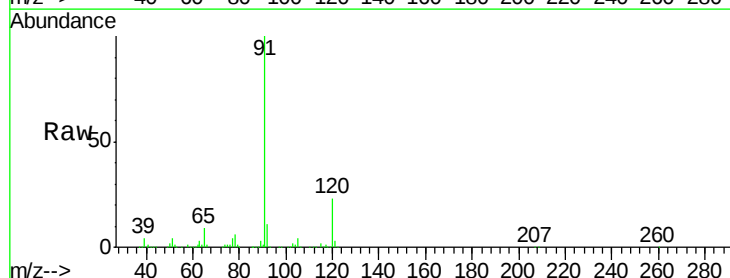
RT: 12.67 min Scan# 1793

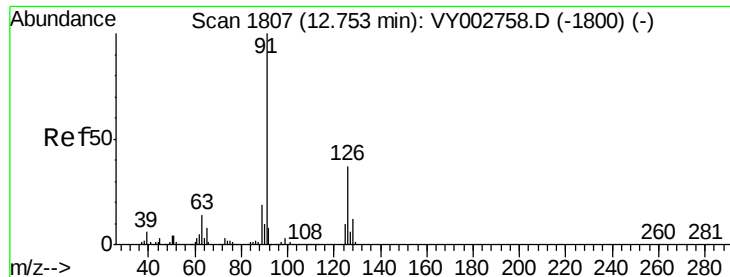
Delta R.T. -0.00 min

Lab File: VY002783.D

Acq: 28 May 2020 11:21

Tgt Ion:	91	Resp:	338447
Ion Ratio	Lower	Upper	
91	100		
120	24.3	12.3	36.9





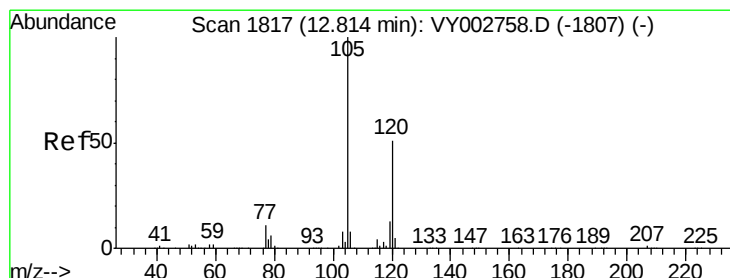
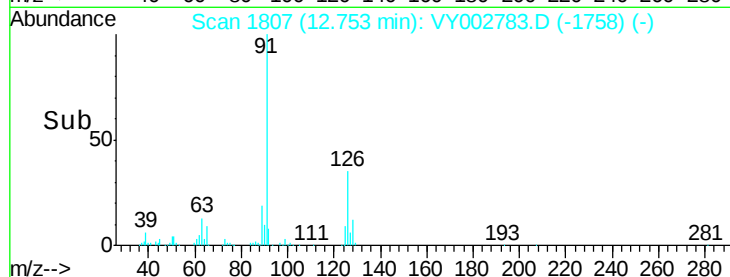
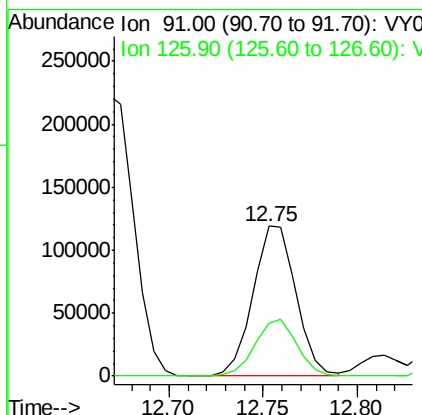
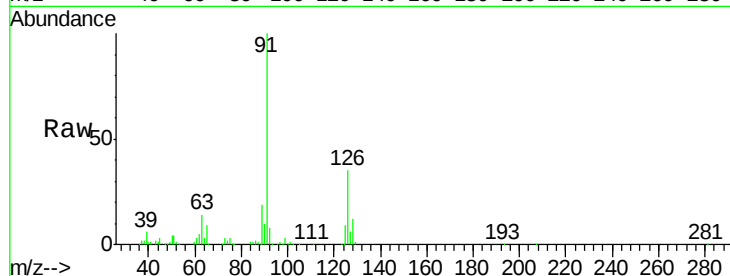
#79
 2-Chlorotoluene
 Concen: 20.037 ug/l
 RT: 12.75 min Scan# 1807
 Delta R.T. -0.00 min
 Lab File: VY002783.D
 Acq: 28 May 2020 11:21

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0528SBS01

Tot Ion: 91 Resp: 187923
 Ion Ratio Lower Upper
 91 100
 126 36.9 18.4 55.4

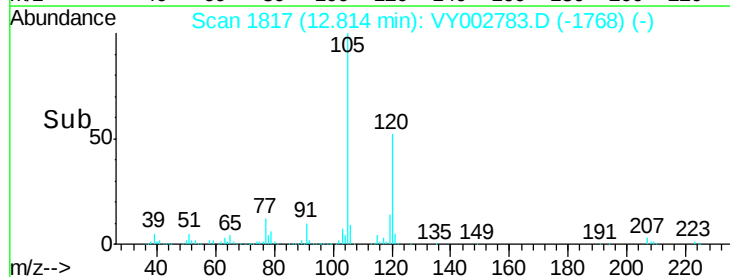
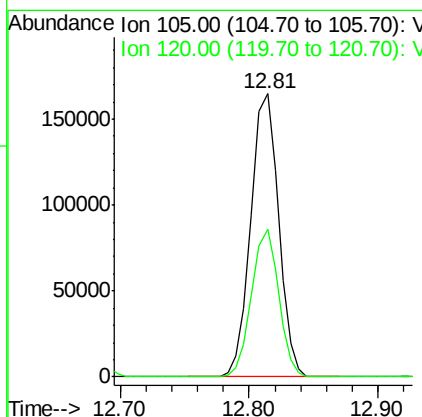
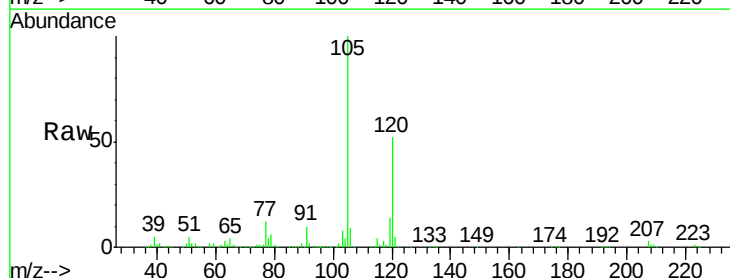
Manual Integrations
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#80
 1,3,5-Trimethylbenzene
 Concen: 20.265 ug/l
 RT: 12.81 min Scan# 1817
 Delta R.T. -0.00 min
 Lab File: VY002783.D
 Acq: 28 May 2020 11:21

Tgt Ion: 105 Resp: 244910
 Ion Ratio Lower Upper
 105 100
 120 50.9 25.3 75.8





#81

trans-1,4-Dichloro-2-butene

Concen: 20.942 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. 0.01 min

Lab File: VY002783.D

Acq: 28 May 2020 11:21

Instrument :

MSVOA_Y

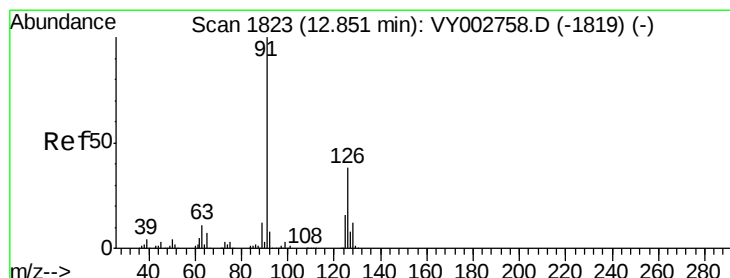
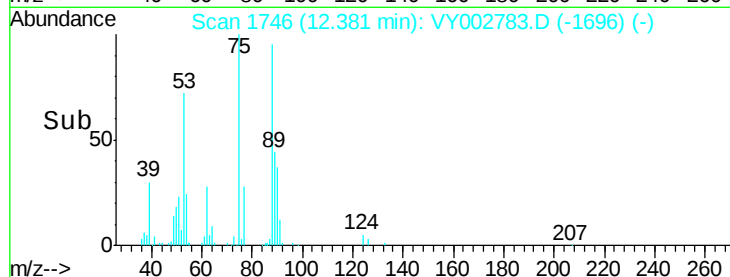
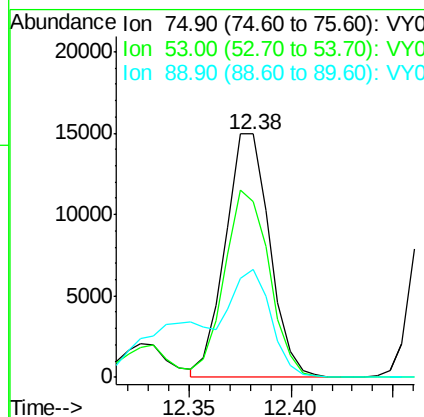
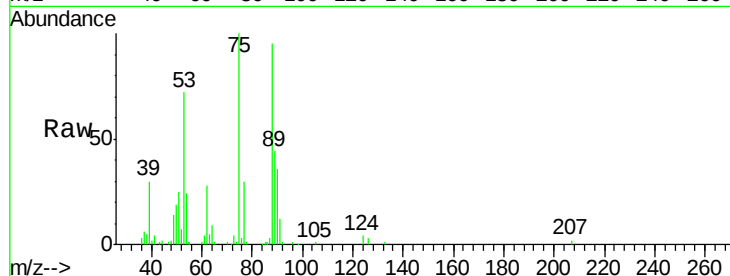
ClientSampleId :

VY0528SBS01

Tot Ion:	75	Resp:	22622
Ion	Ratio	Lower	Upper
75	100		
53	77.3	64.0	96.0
89	40.5	37.4	56.2

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#82

4-Chlorotoluene

Concen: 20.311 ug/l

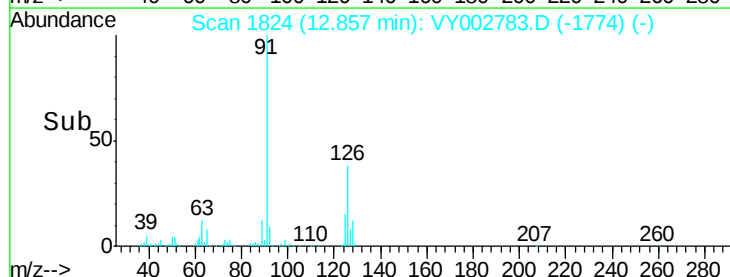
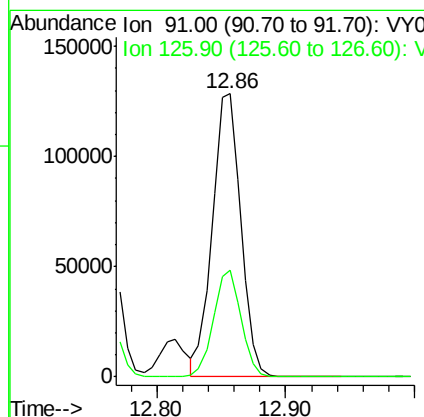
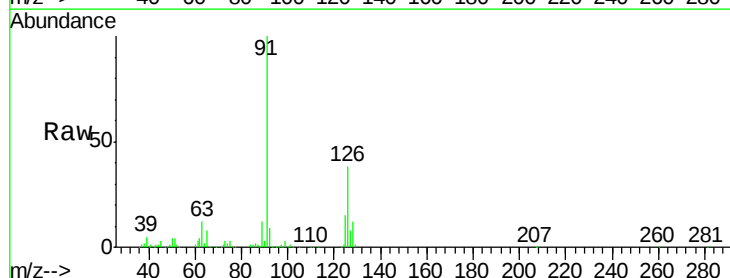
RT: 12.86 min Scan# 1824

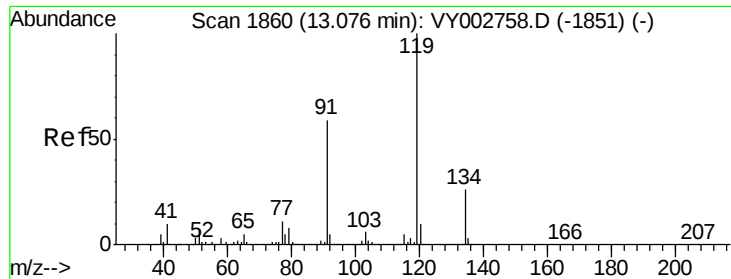
Delta R.T. 0.01 min

Lab File: VY002783.D

Acq: 28 May 2020 11:21

Tgt Ion:	91	Resp:	199575
Ion	Ratio	Lower	Upper
91	100		
126	36.7	18.5	55.5





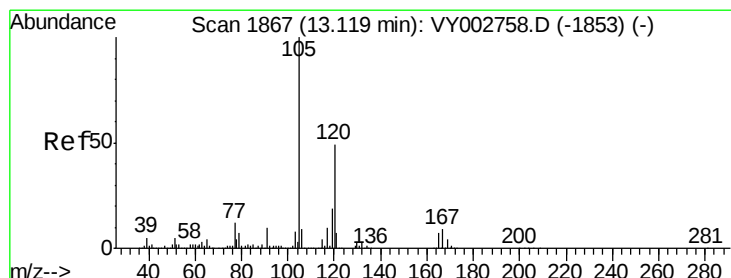
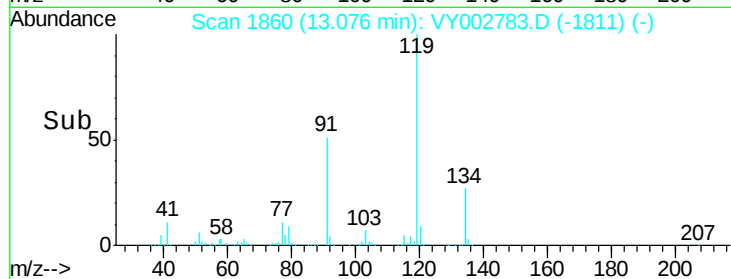
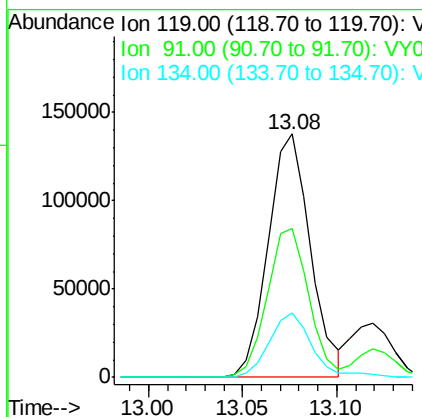
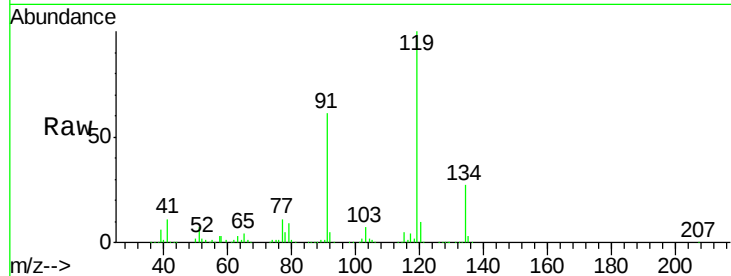
#83
tert-Butylbenzene
Concen: 19.862 ug/l
RT: 13.08 min Scan# 1860
Delta R.T. -0.00 min
Lab File: VY002783.D
Acq: 28 May 2020 11:21

Instrument :
MSVOA_Y
ClientSampleId :
VY0528SBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	214114		
91	60.3	29.8	89.4	
134	27.0	13.3	39.8	

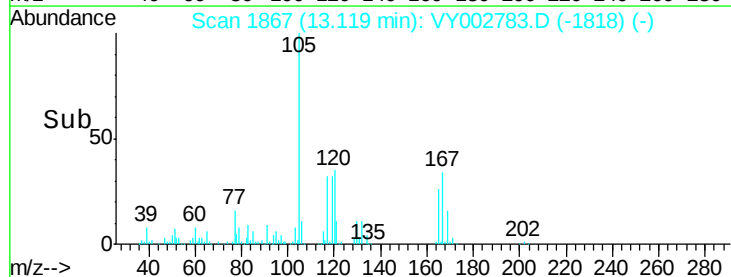
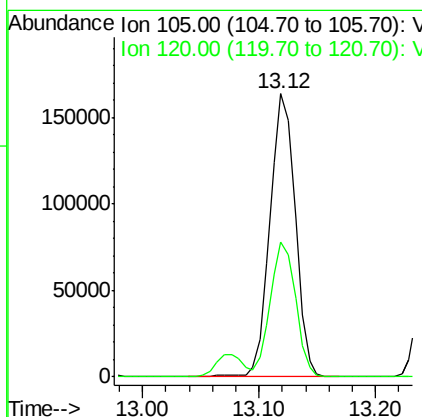
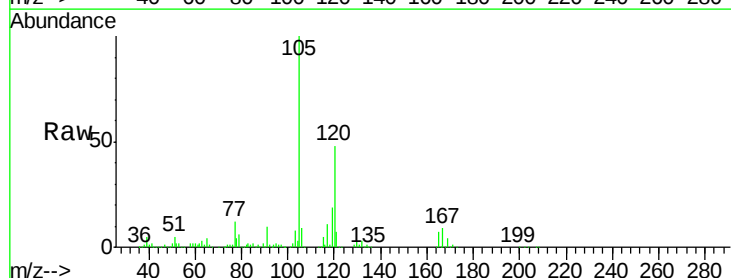
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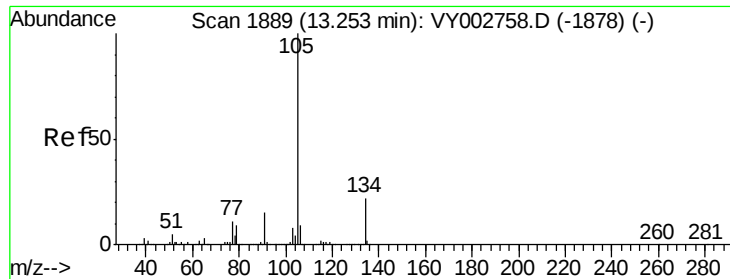
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#84
1,2,4-Trimethylbenzene
Concen: 20.262 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. -0.00 min
Lab File: VY002783.D
Acq: 28 May 2020 11:21

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	246222		
120	47.4	23.6	70.8	





#85

sec-Butylbenzene

Concen: 20.206 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY002783.D

Acq: 28 May 2020 11:21

Instrument :

MSVOA_Y

ClientSampleId :

VY0528SBS01

Tot Ion:105 Resp: 297830

Ion Ratio Lower Upper

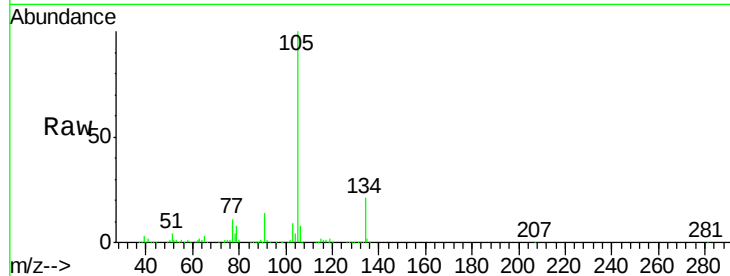
105 100

134 21.7 10.8 32.4

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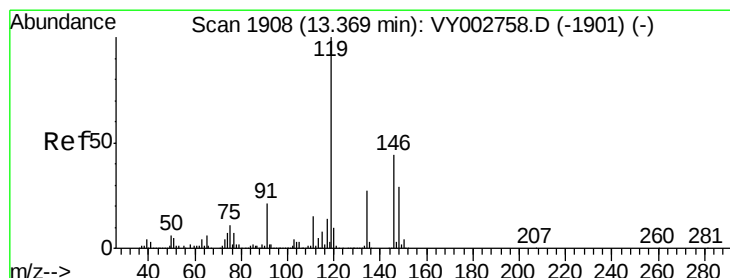
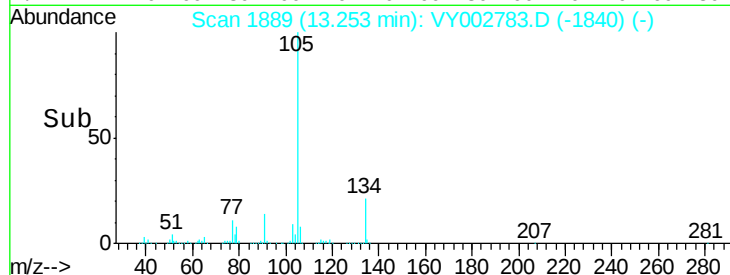
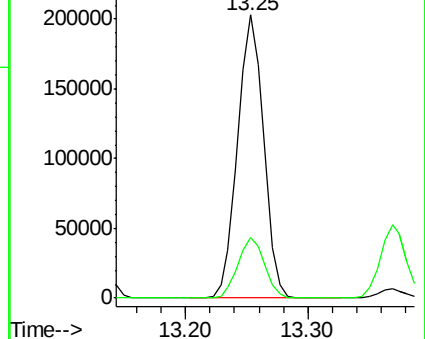
MMDadoda

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.373 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY002783.D

Acq: 28 May 2020 11:21

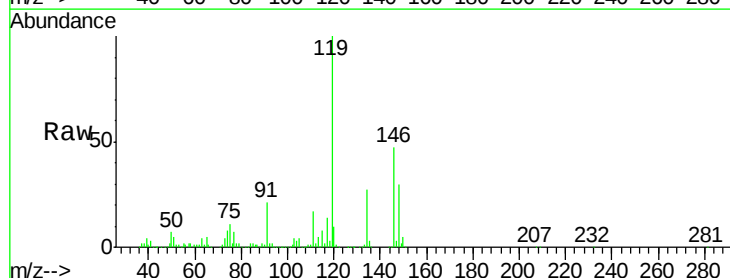
Tgt Ion:119 Resp: 279419

Ion Ratio Lower Upper

119 100

134 27.5 13.7 41.0

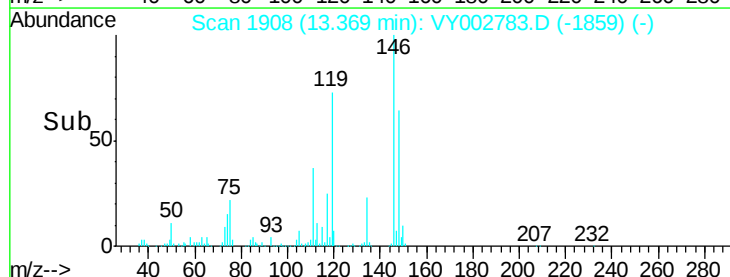
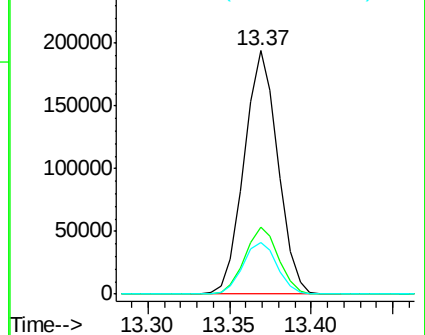
91 21.6 10.8 32.4

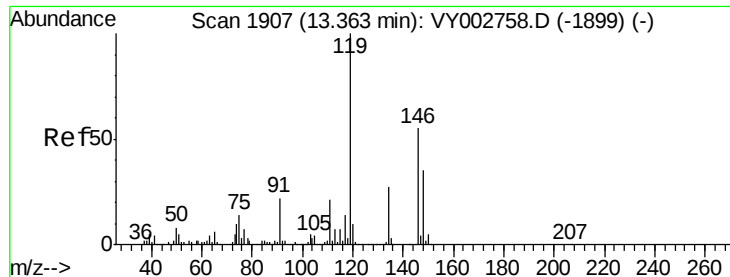


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





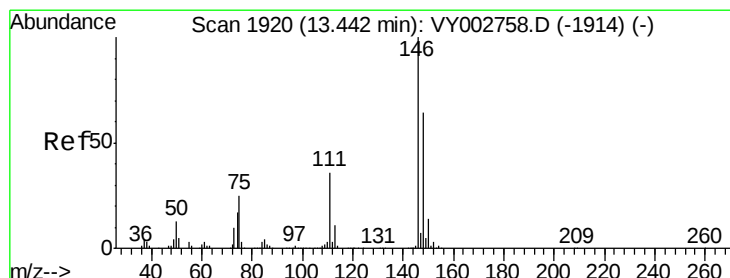
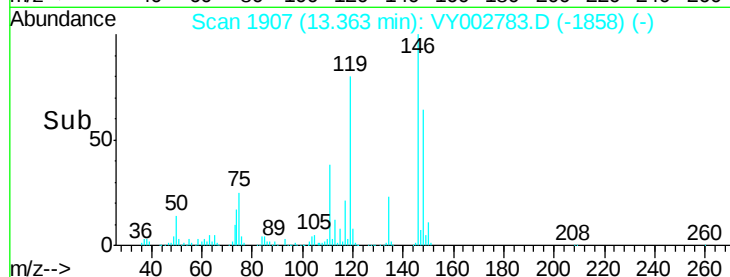
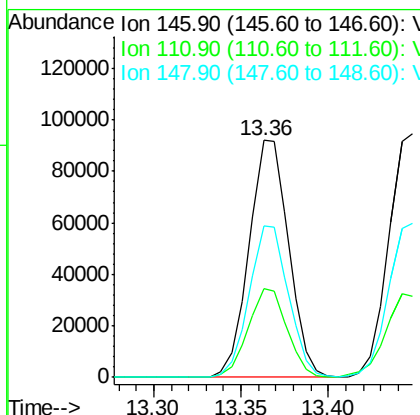
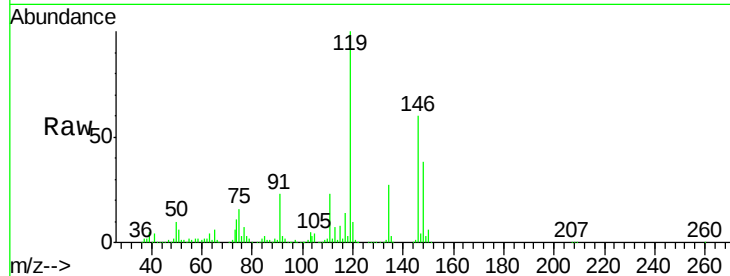
#87
 1,3-Dichlorobenzene
 Concen: 20.243 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VY002783.D
 Acq: 28 May 2020 11:21

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0528SBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	144515		
111	37.0	18.4	55.0	
148	63.4	31.9	95.7	

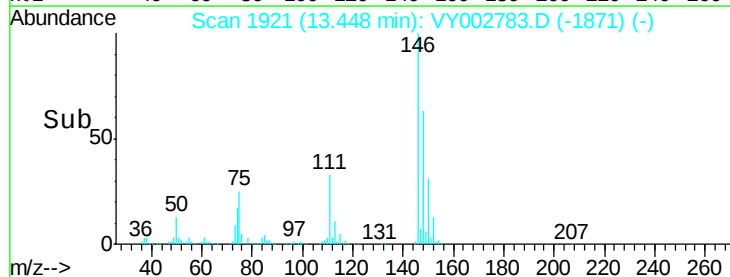
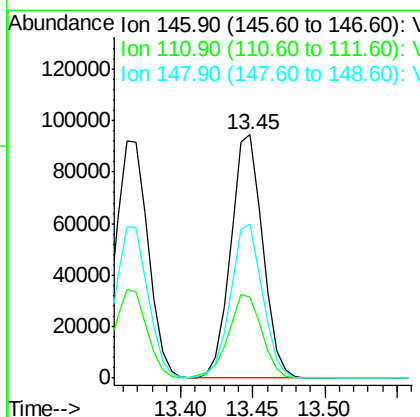
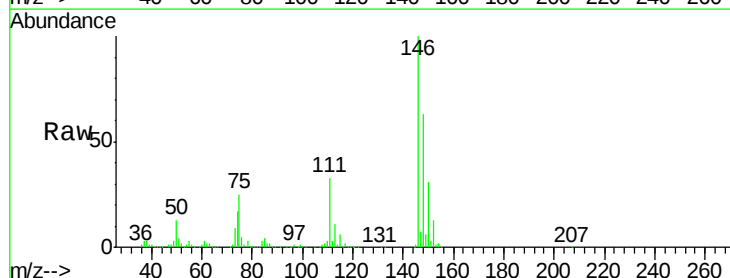
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#88
 1,4-Dichlorobenzene
 Concen: 20.457 ug/l
 RT: 13.45 min Scan# 1921
 Delta R.T. 0.01 min
 Lab File: VY002783.D
 Acq: 28 May 2020 11:21

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	146094		
111	36.4	18.1	54.3	
148	63.5	32.1	96.3	





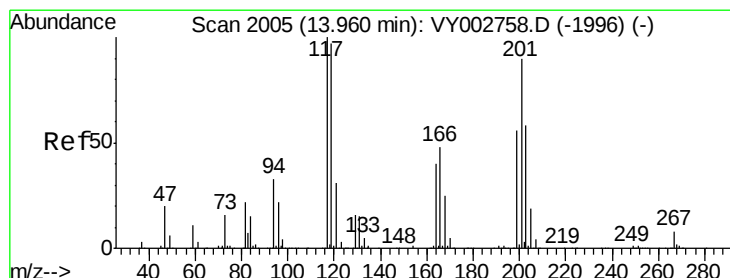
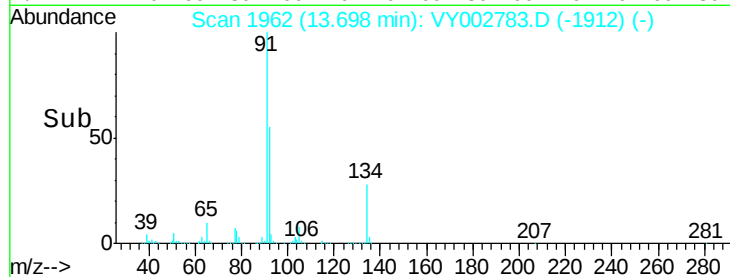
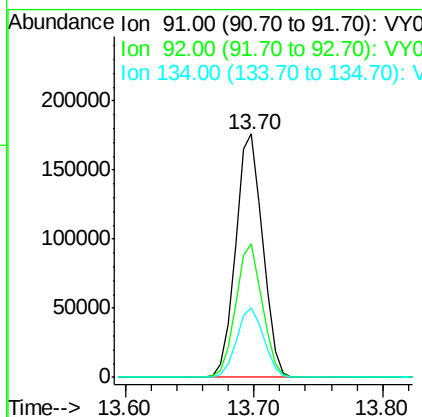
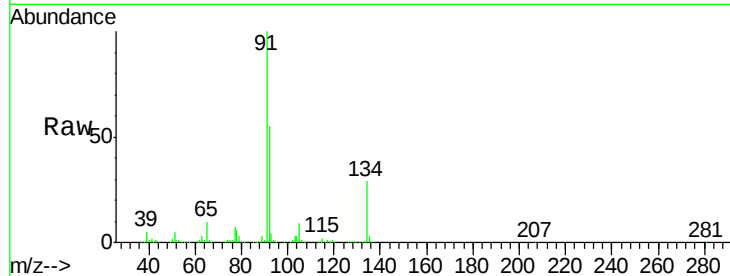
#89
n-Butylbenzene
Concen: 20.525 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. 0.01 min
Lab File: VY002783.D
Acq: 28 May 2020 11:21

Instrument :
MSVOA_Y
ClientSampleId :
VY0528SBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	255577		
92	54.0		27.1	81.2
134	28.7		14.3	42.9

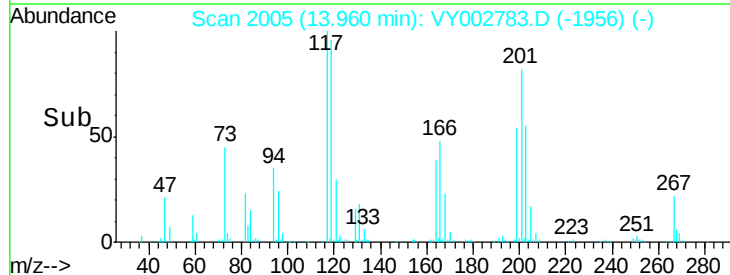
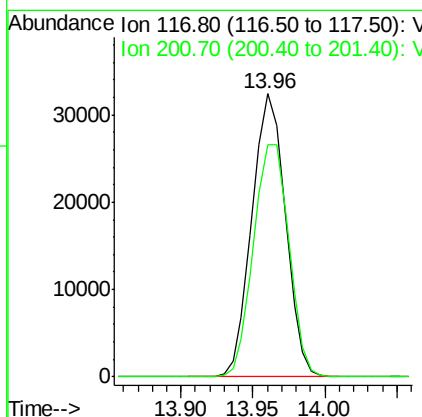
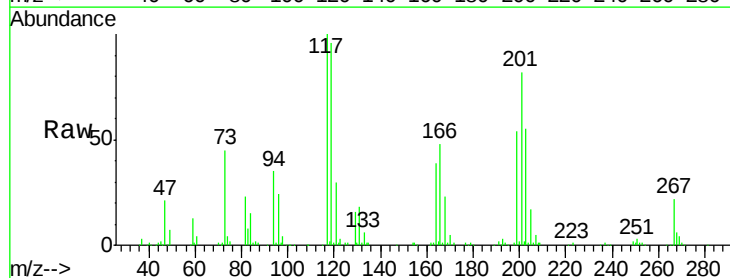
Manual Integrations
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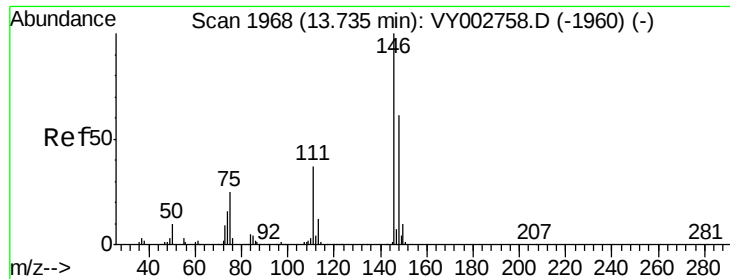
MMDadoda
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#90
Hexachloroethane
Concen: 20.393 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.00 min
Lab File: VY002783.D
Acq: 28 May 2020 11:21

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	52362		
201	86.7		43.9	131.6





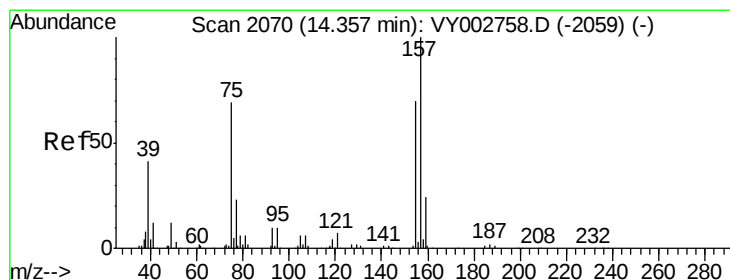
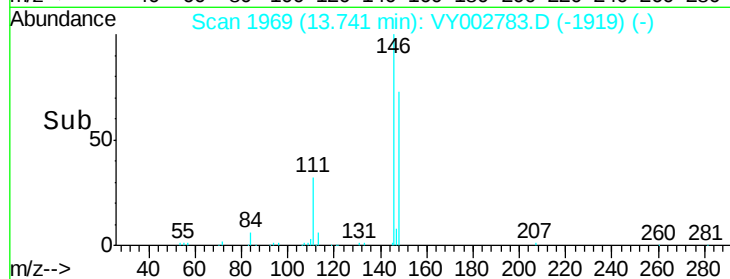
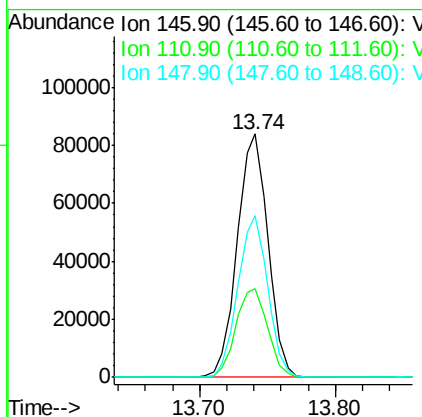
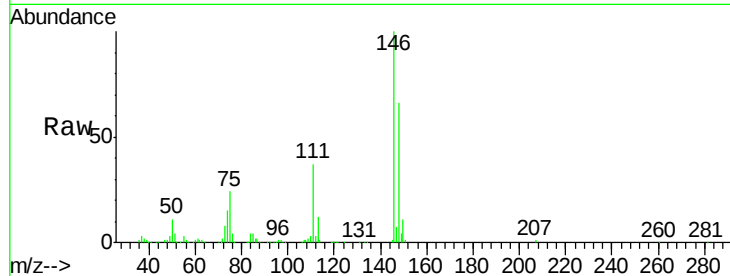
#91
 1,2-Dichlorobenzene
 Concen: 20.430 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. 0.01 min
 Lab File: VY002783.D
 Acq: 28 May 2020 11:21

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0528SBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	132272		
111	37.6	18.9	56.9	
148	64.3	31.9	95.5	

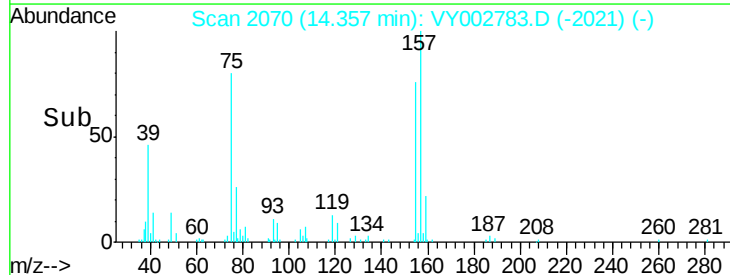
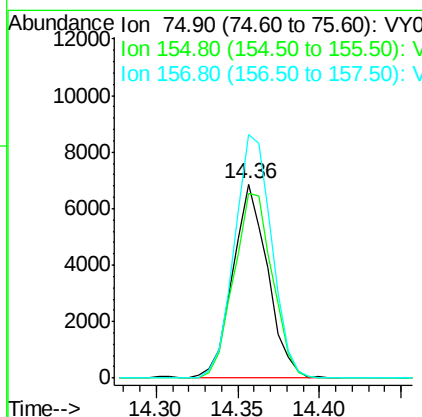
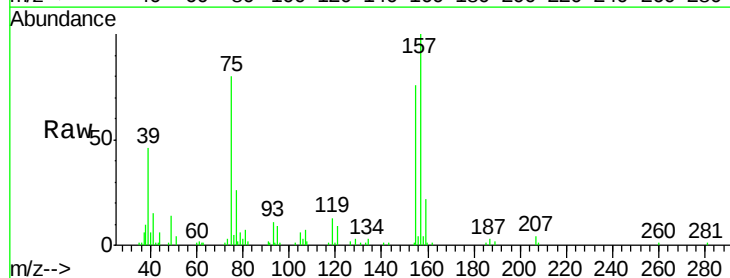
Manual Integrations
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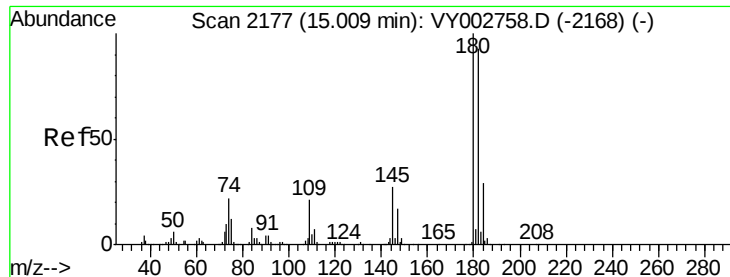
MMDadoda
 5/29/2020 10:57:05 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.901 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. -0.00 min
 Lab File: VY002783.D
 Acq: 28 May 2020 11:21

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	10212		
155	105.2	53.5	160.5	
157	133.8	69.9	209.7	





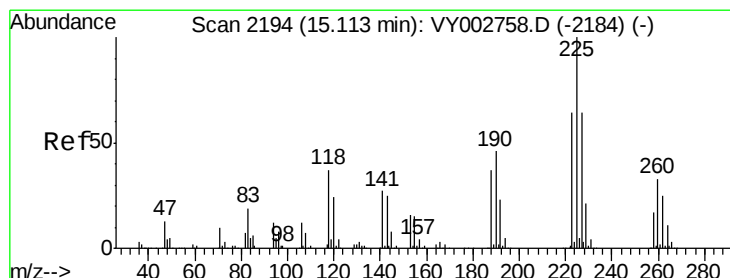
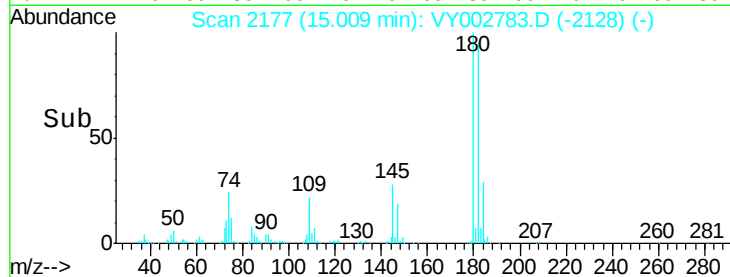
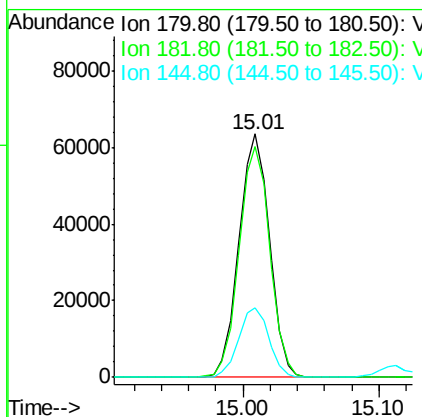
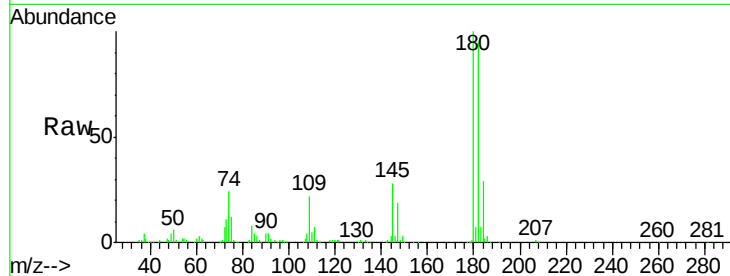
#93
 1,2,4-Trichlorobenzene
 Concen: 20.420 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. -0.00 min
 Lab File: VY002783.D
 Acq: 28 May 2020 11:21

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0528SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	95.2	47.3	141.9	
145	28.3	14.1	42.3	

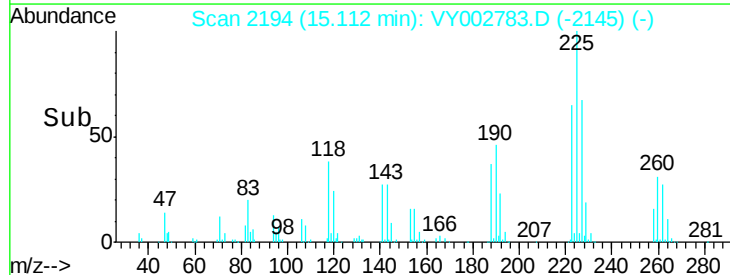
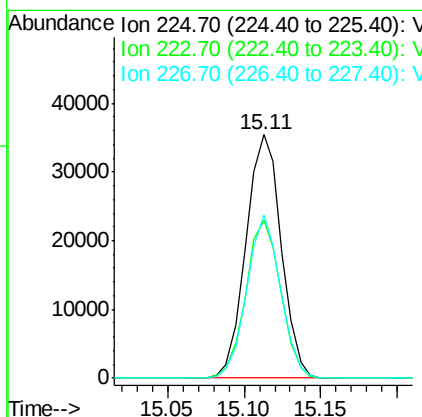
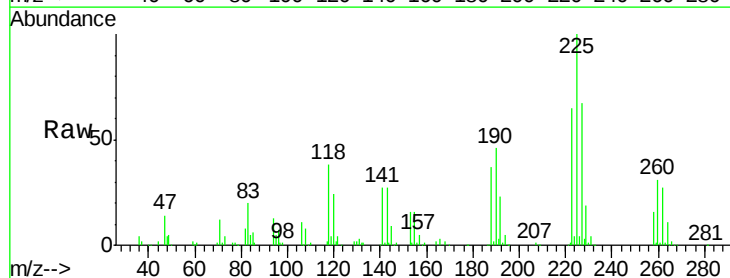
Manual Integrations
 APPROVED

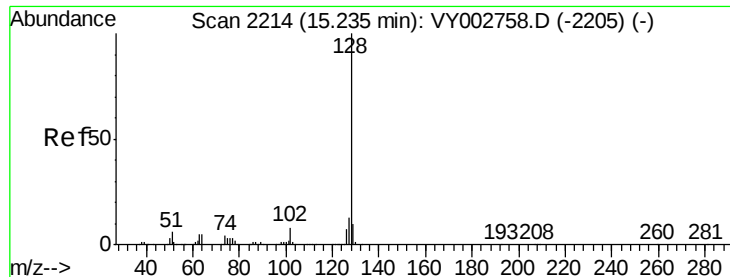
MMDadoda
 5/29/2020 10:57:05 AM



#94
 Hexachlorobutadiene
 Concen: 20.475 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. -0.00 min
 Lab File: VY002783.D
 Acq: 28 May 2020 11:21

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	64.0	31.6	95.0	
227	63.9	32.3	96.9	





#95

Naphthalene

Concen: 20.227 ug/l

RT: 15.23 min Scan# 2214

Delta R.T. -0.00 min

Lab File: VY002783.D

Acq: 28 May 2020 11:21

Instrument :

MSVOA_Y

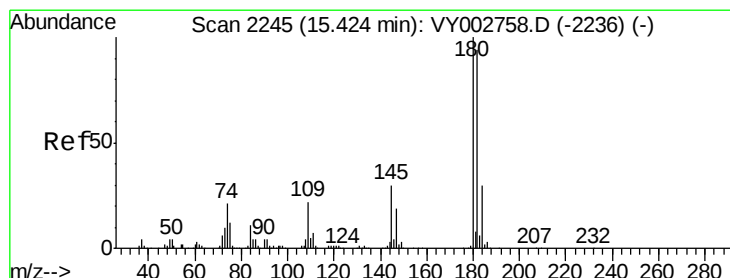
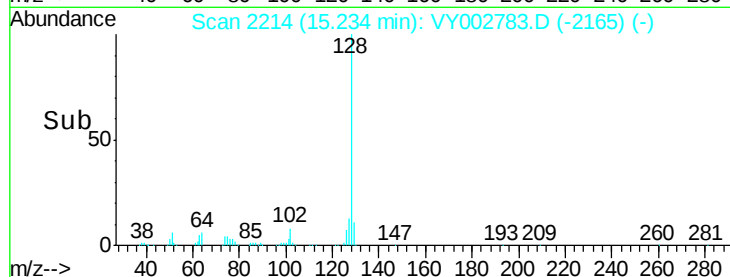
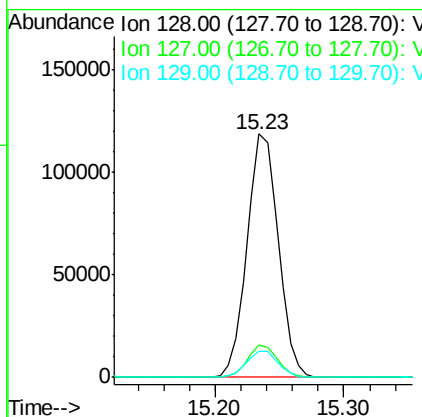
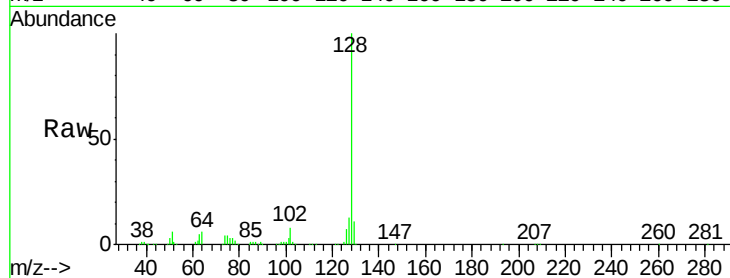
ClientSampleId :

VY0528SBS01

Tot Ion:	128	Resp:	197913
Ion Ratio	Lower	Upper	
128	100		
127	12.7	10.3	15.5
129	11.0	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
5/29/2020 10:57:05 AM



#96

1,2,3-Trichlorobenzene

Concen: 20.190 ug/l

RT: 15.42 min Scan# 2245

Delta R.T. -0.00 min

Lab File: VY002783.D

Acq: 28 May 2020 11:21

Tgt Ion:	180	Resp:	87986
Ion Ratio	Lower	Upper	
180	100		
182	96.8	48.1	144.4
145	29.3	15.1	45.3

