

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY052720\
 Data File : VY002763.D
 Acq On : 27 May 2020 14:51
 Operator : SY/MD
 Sample : VY0527SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0527SBS01

Manual Integrations
 APPROVED

MMDadoda
 5/28/2020 2:08:47 PM

Quant Time: May 28 08:58:42 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	325829	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	479754	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	445161	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	240649	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	139674	49.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.74%	
35) Dibromofluoromethane	7.72	113	143485	51.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.06%	
50) Toluene-d8	10.18	98	569408	50.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.18%	
62) 4-Bromofluorobenzene	12.48	95	199630	51.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	48449	21.610	ug/l	99
3) Chloromethane	2.11	50	54602	22.018	ug/l	98
4) Vinyl Chloride	2.25	62	58656	22.378	ug/l	97
5) Bromomethane	2.65	94	41155	20.952	ug/l	96
6) Chloroethane	2.79	64	35531	20.911	ug/l	97
7) Trichlorofluoromethane	3.13	101	95816	20.640	ug/l	96
8) Diethyl Ether	3.54	74	38249	21.101	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.90	101	58665	21.284	ug/l	99
10) Methyl Iodide	4.10	142	73470	19.050	ug/l	100
11) Tert butyl alcohol	4.97	59	35990	111.275	ug/l	97
12) 1,1-Dichloroethene	3.88	96	57130	20.611	ug/l	95
13) Acrolein	3.74	56	34924	105.339	ug/l	98
14) Allyl chloride	4.48	41	84444	21.241	ug/l	99
15) Acrylonitrile	5.17	53	84057	102.791	ug/l	99
16) Acetone	3.96	43	66070	99.595	ug/l	92
17) Carbon Disulfide	4.19	76	176362	21.055	ug/l	99
18) Methyl Acetate	4.49	43	36995	21.676	ug/l	100
19) Methyl tert-butyl Ether	5.22	73	156911	20.505	ug/l	99
20) Methylene Chloride	4.72	84	76135	23.484	ug/l	99
21) trans-1,2-Dichloroethene	5.23	96	64294	20.625	ug/l	95
22) Diisopropyl ether	6.13	45	173543	21.007	ug/l	96
23) Vinyl Acetate	6.07	43	569259	104.368	ug/l	98
24) 1,1-Dichloroethane	6.02	63	100889	20.876	ug/l	99
25) 2-Butanone	6.99	43	103618	100.254	ug/l	97
26) 2,2-Dichloropropane	6.99	77	94772	20.448	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	71445	20.473	ug/l	99
28) Bromochloromethane	7.33	49	44509	22.435	ug/l	99
29) Tetrahydrofuran	7.35	42	67474	100.364	ug/l	100
30) Chloroform	7.51	83	105399	20.553	ug/l	94
31) Cyclohexane	7.78	56	100420	20.929	ug/l	98
32) 1,1,1-Trichloroethane	7.71	97	97599	20.424	ug/l	99
36) 1,1-Dichloropropene	7.92	75	84971	21.026	ug/l	100
37) Ethyl Acetate	7.08	43	45765	20.814	ug/l	99
38) Carbon Tetrachloride	7.90	117	92124	20.520	ug/l	100

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.18	83	110819	20.804	ug/l	98
40) Benzene	8.16	78	246820	20.669	ug/l	98
41) Methacrylonitrile	7.33	41	24603m	20.828	ug/l	
42) 1,2-Dichloroethane	8.24	62	68881	20.582	ug/l	98
43) Isopropyl Acetate	8.28	43	85568	20.536	ug/l	99
44) Trichloroethene	8.94	130	78644	20.850	ug/l	99
45) 1,2-Dichloropropane	9.22	63	60081	20.981	ug/l	96
46) Dibromomethane	9.31	93	34806	20.466	ug/l	99
47) Bromodichloromethane	9.50	83	81462	20.318	ug/l	96
48) Methyl methacrylate	9.29	41	37970	20.186	ug/l	99
49) 1,4-Dioxane	9.30	88	10300	394.432	ug/l	98
51) 4-Methyl-2-Pentanone	10.07	43	223528	101.310	ug/l	100
52) Toluene	10.24	92	160923	20.600	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	90085	20.571	ug/l	98
54) cis-1,3-Dichloropropene	9.93	75	102910	20.739	ug/l	98
55) 1,1,2-Trichloroethane	10.64	97	53317	20.477	ug/l	97
56) Ethyl methacrylate	10.51	69	71385	20.469	ug/l	99
57) 1,3-Dichloropropane	10.79	76	87512	20.435	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	177132	103.948	ug/l	100
59) 2-Hexanone	10.83	43	159716	102.023	ug/l	100
60) Dibromochloromethane	10.99	129	66963	20.286	ug/l	100
61) 1,2-Dibromoethane	11.09	107	52338	20.378	ug/l	98
64) Tetrachloroethene	10.72	164	82616	20.420	ug/l	96
65) Chlorobenzene	11.52	112	179127	20.359	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	68409	20.644	ug/l	99
67) Ethyl Benzene	11.59	91	316005	20.717	ug/l	99
68) m/p-Xylenes	11.70	106	244794	41.392	ug/l	99
69) o-Xylene	12.03	106	114330	20.478	ug/l	98
70) Styrene	12.04	104	200036	20.668	ug/l	100
71) Bromoform	12.20	173	45813	20.661	ug/l #	99
73) Isopropylbenzene	12.33	105	315978	20.489	ug/l	99
74) N-amyl acetate	12.14	43	80618	20.374	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	55484	20.505	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	43970m	20.278	ug/l	
77) Bromobenzene	12.61	156	81531	20.304	ug/l	99
78) n-propylbenzene	12.67	91	370292	20.787	ug/l	100
79) 2-Chlorotoluene	12.75	91	205187	20.534	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	266012	20.659	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	22964	19.952	ug/l	98
82) 4-Chlorotoluene	12.85	91	215089	20.544	ug/l	100
83) tert-Butylbenzene	13.07	119	236636	20.602	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	267373	20.651	ug/l	99
85) sec-Butylbenzene	13.25	105	328189	20.897	ug/l	100
86) p-Isopropyltoluene	13.37	119	306482	20.973	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	155891	20.495	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	155184	20.395	ug/l	99
89) n-Butylbenzene	13.70	91	276662	20.853	ug/l	99
90) Hexachloroethane	13.96	117	55583	20.317	ug/l	95
91) 1,2-Dichlorobenzene	13.74	146	142467	20.653	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	10399	19.976	ug/l	100

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Instrument :
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Manual Integrations
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Quant Title : SW846 8260
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	15.00	180	109712	21.100	ug/l	99
94) Hexachlorobutadiene	15.11	225	62420	21.166	ug/l	100
95) Naphthalene	15.23	128	210242	20.167	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	97371	20.971	ug/l	100

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

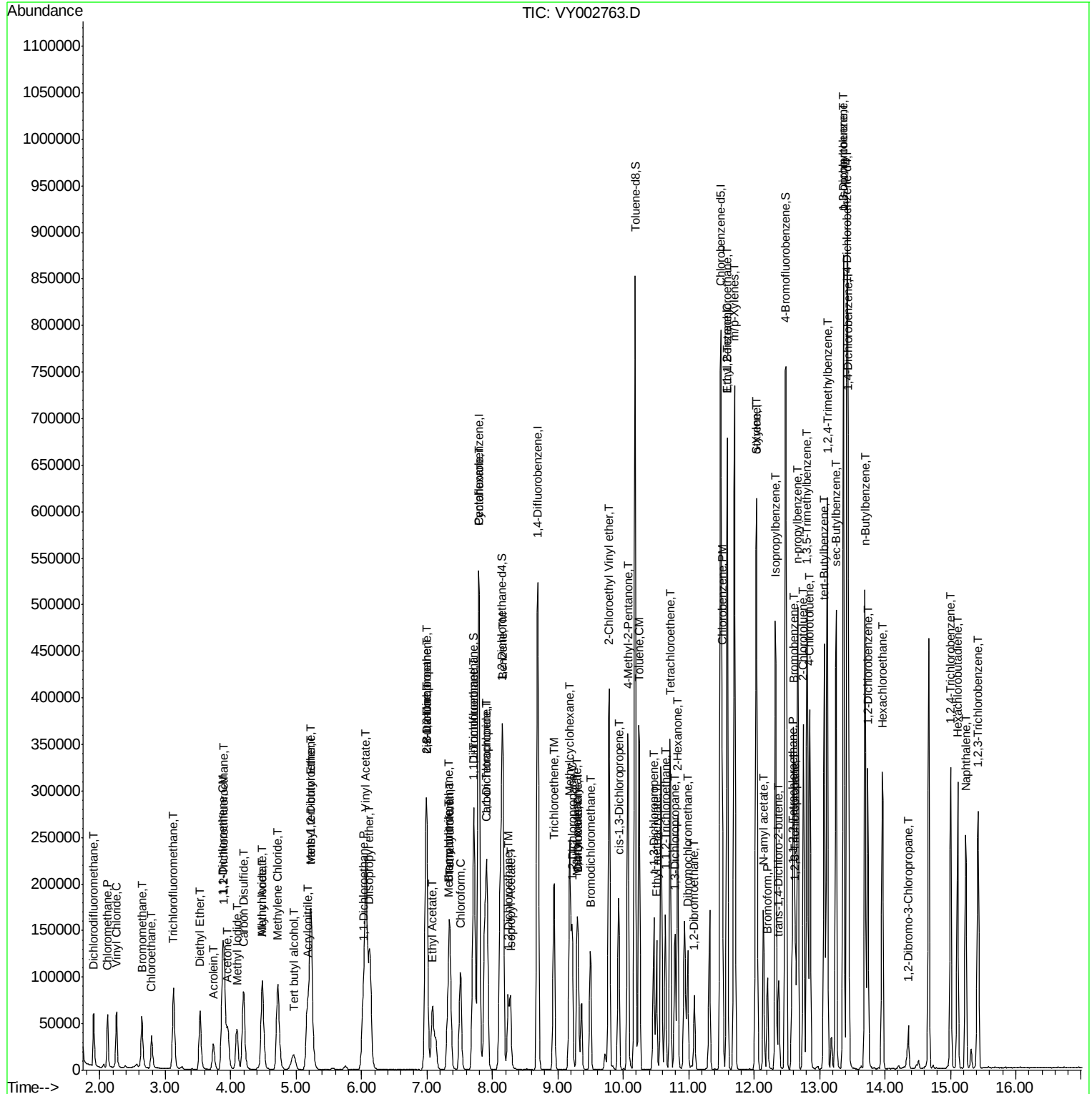
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Data File : VY002763.D
Acq On : 27 May 2020 14:51
Operator : SY/MD
Sample : VY0527SBS01
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

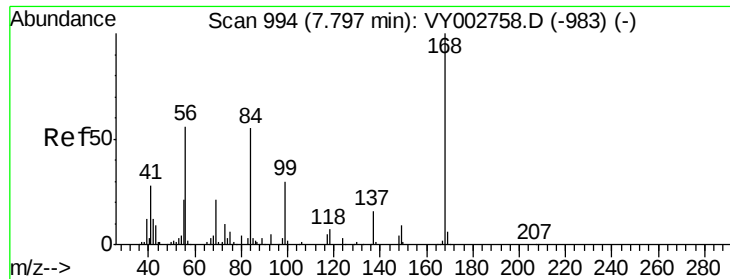
Instrument :
MSVOA_Y
ClientSampleId :
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#1

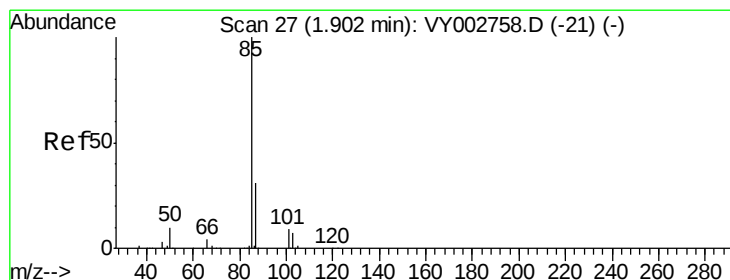
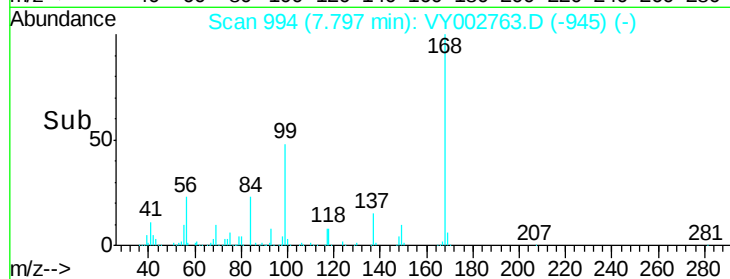
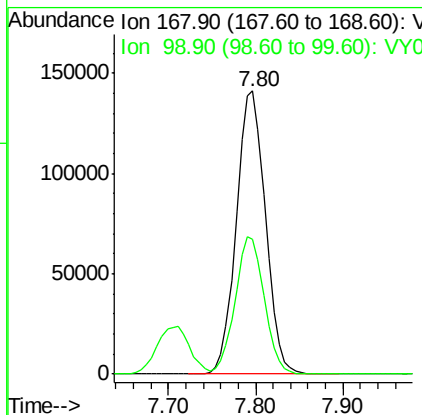
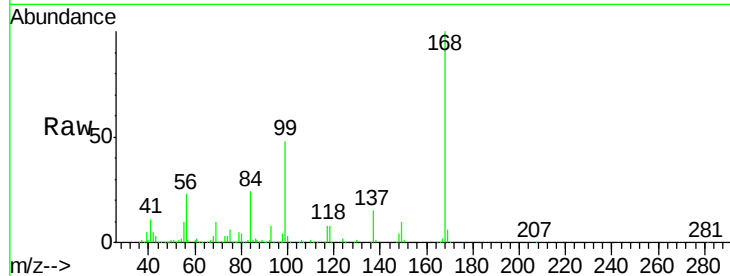
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VY002763.D
 Acq: 27 May 2020 14:51

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0527SBS01

Tot Ion	Ratio	Lower	Upper
168	100		
99	47.8	39.0	58.4

Manual Integrations
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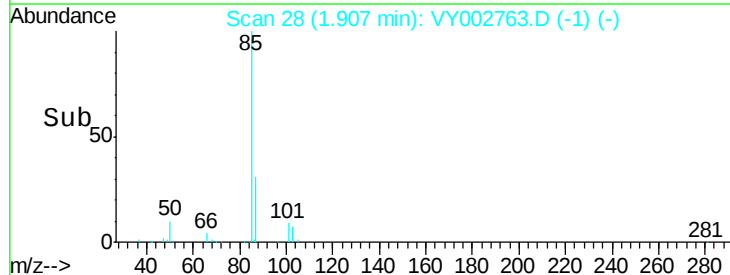
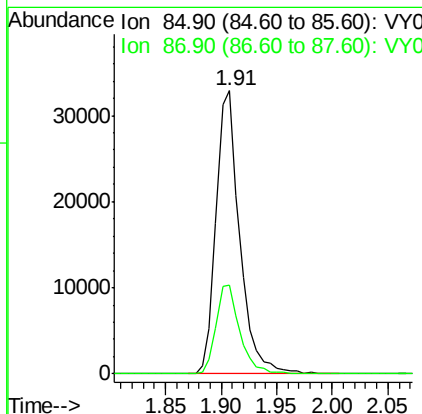
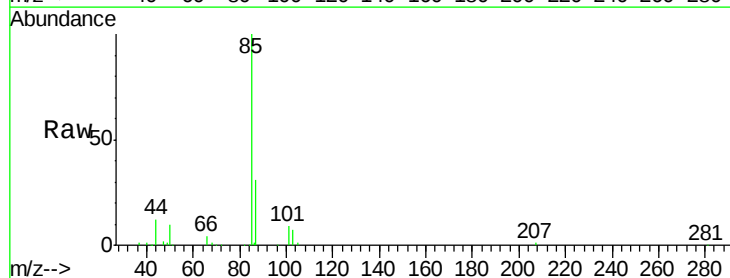
MMDadoda
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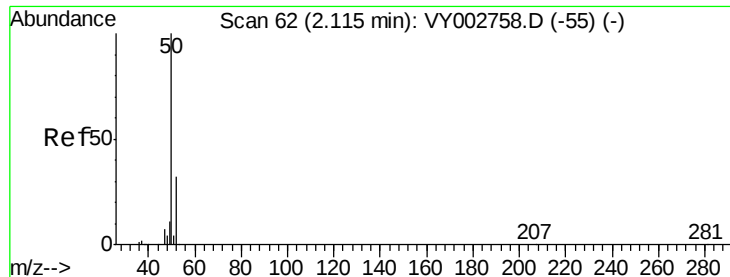


#2

Dichlorodifluoromethane
 Concen: 21.610 ug/l
 RT: 1.91 min Scan# 28
 Delta R.T. 0.01 min
 Lab File: VY002763.D
 Acq: 27 May 2020 14:51

Tgt Ion	Ratio	Lower	Upper
85	100		
87	31.3	15.5	46.5





#3

Chloromethane

Concen: 22.018 ug/l

RT: 2.11 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY002763.D

Acq: 27 May 2020 14:51

Instrument :

MSVOA_Y

ClientSampleId :

VY0527SBS01

Tot Ion: 50 Resp: 54602

Ion Ratio Lower Upper

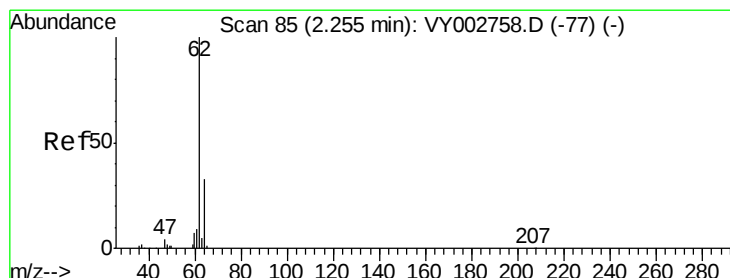
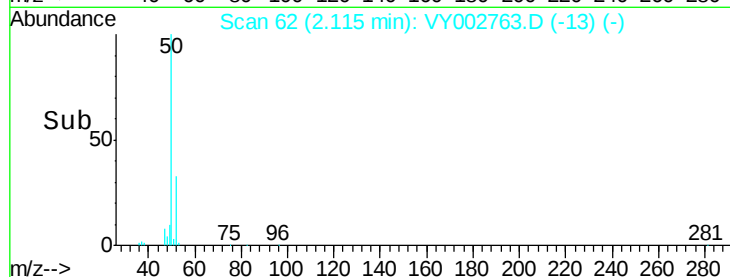
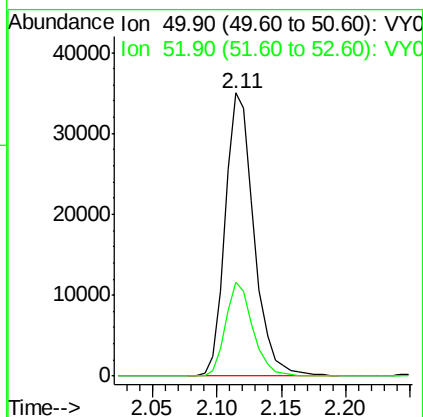
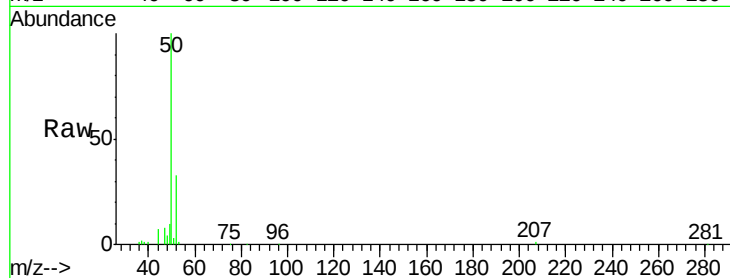
50 100

52 33.1 25.8 38.6

Manual Integrations
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#4

Vinyl Chloride

Concen: 22.378 ug/l

RT: 2.25 min Scan# 85

Delta R.T. -0.00 min

Lab File: VY002763.D

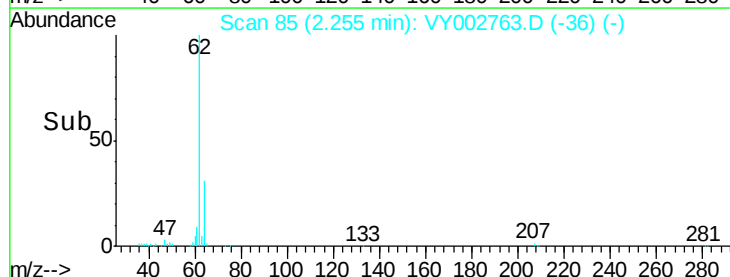
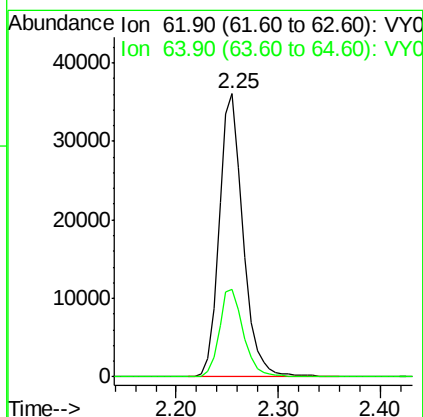
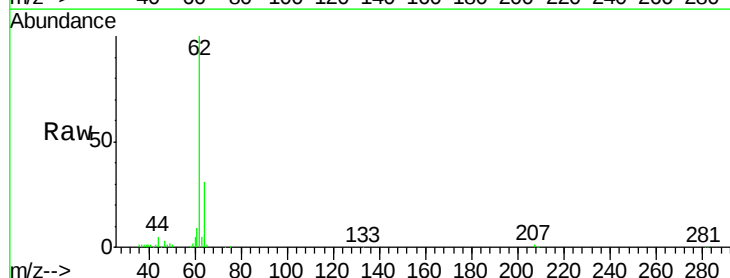
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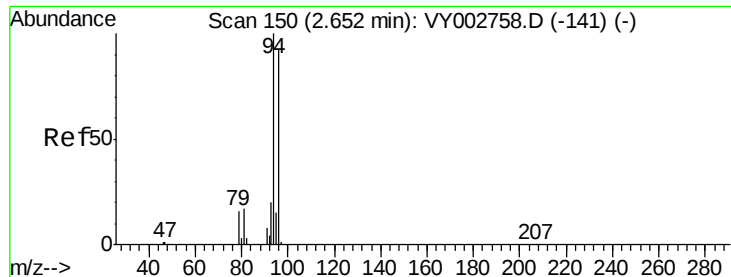
Tgt Ion: 62 Resp: 58656

Ion Ratio Lower Upper

62 100

64 30.9 26.1 39.1





#5

Bromomethane

Concen: 20.952 ug/l

RT: 2.65 min Scan# 149

Delta R.T. -0.01 min

Lab File: VY002763.D

Acq: 27 May 2020 14:51

Instrument :

MSVOA_Y

ClientSampleId :

VY0527SBS01

Tot Ion: 94 Resp: 41155

Ion Ratio Lower Upper

94 100

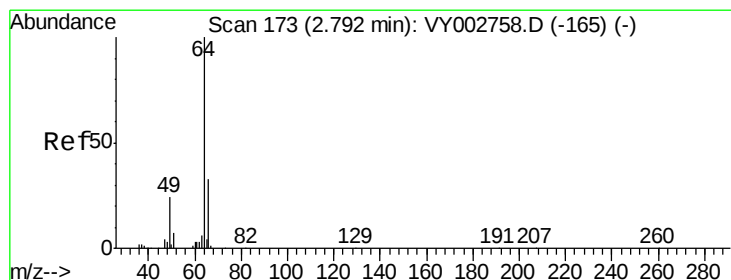
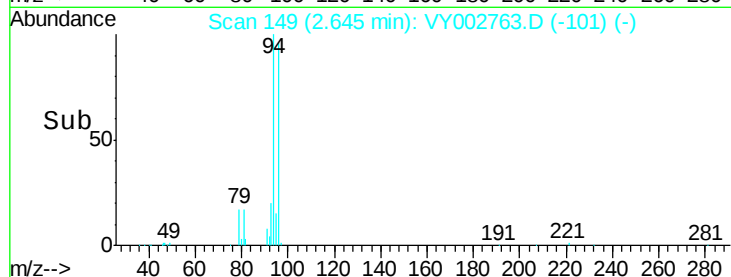
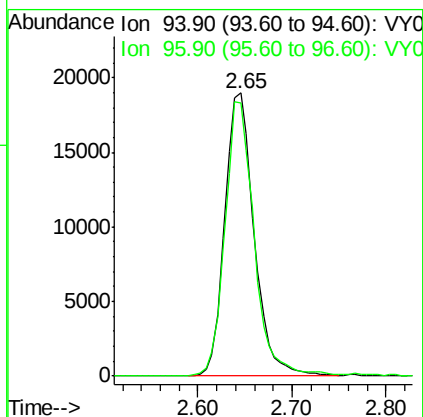
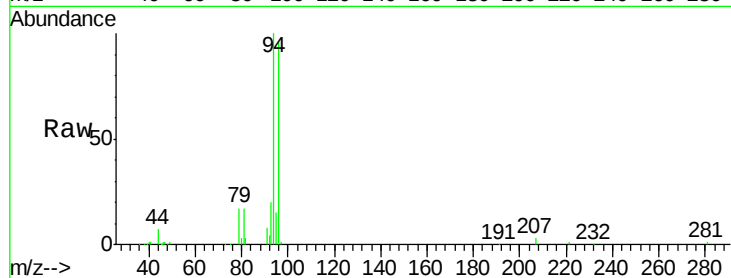
96 96.3 73.7 110.5

Manual Integrations

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#6

Chloroethane

Concen: 20.911 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.00 min

Lab File: VY002763.D

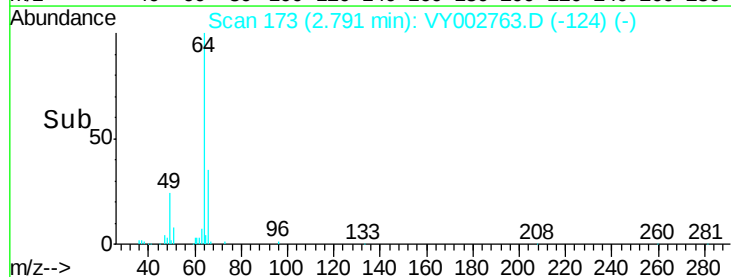
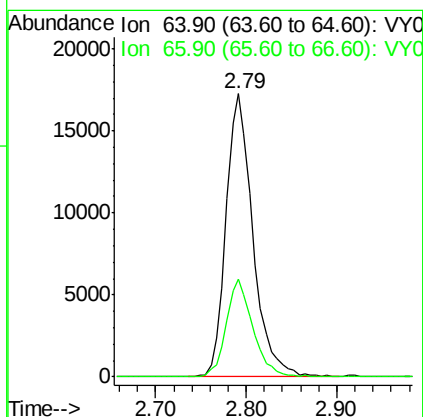
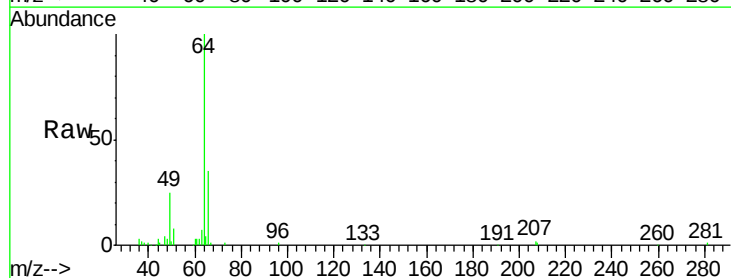
Acq: 27 May 2020 14:51

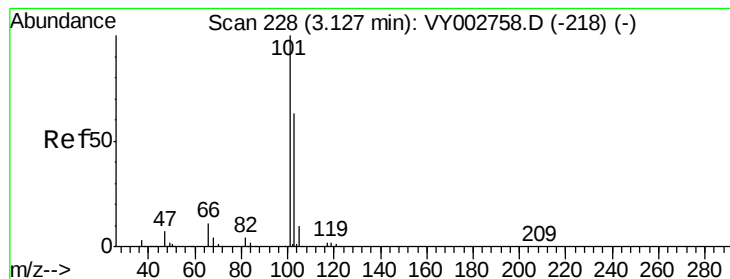
Tgt Ion: 64 Resp: 35531

Ion Ratio Lower Upper

64 100

66 34.6 26.4 39.6





#7

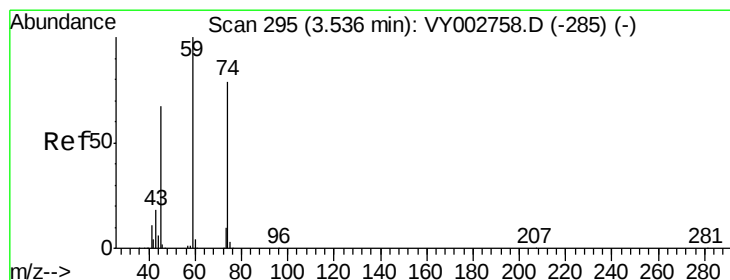
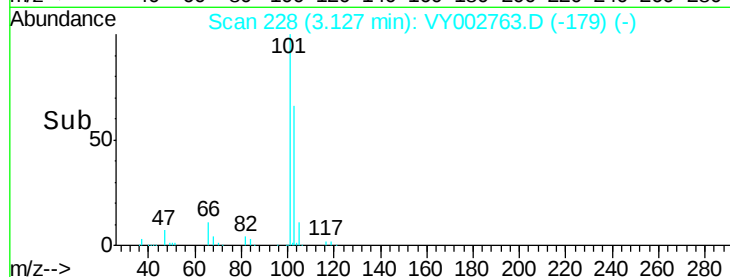
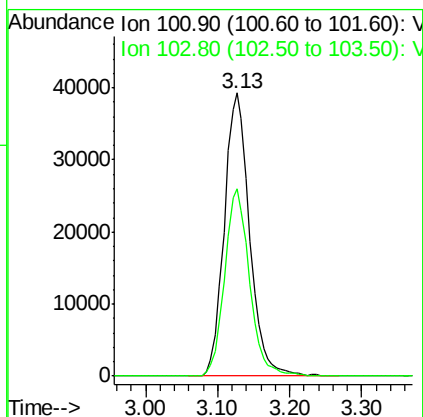
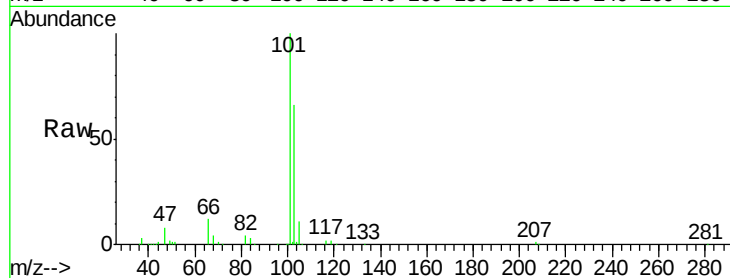
Trichlorofluoromethane
Concen: 20.640 ug/l
RT: 3.13 min Scan# 228
Delta R.T. -0.00 min
Lab File: VY002763.D
Acq: 27 May 2020 14:51

Instrument :
MSVOA_Y
ClientSampleId :
VY0527SBS01

Tot Ion	Ratio	Resp	Lower	Upper
101	100	95816		
103	66.1	50.6	76.0	

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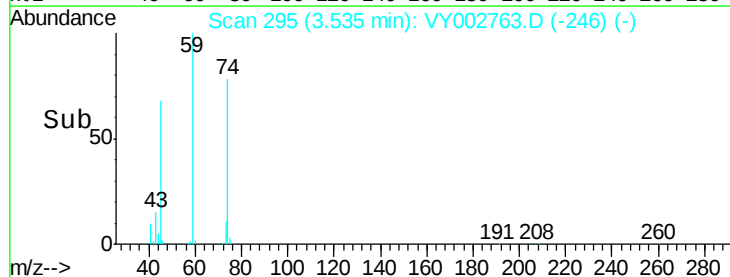
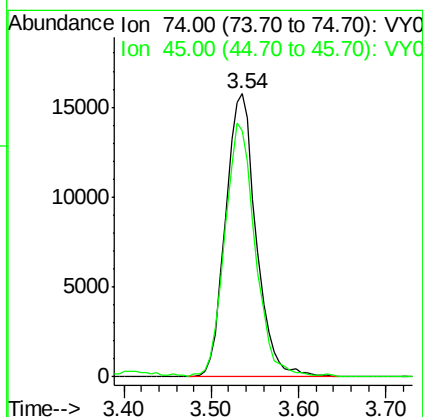
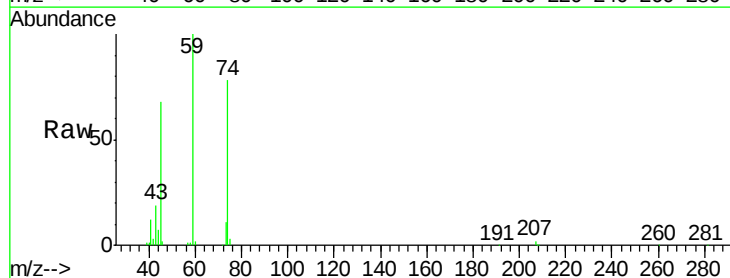
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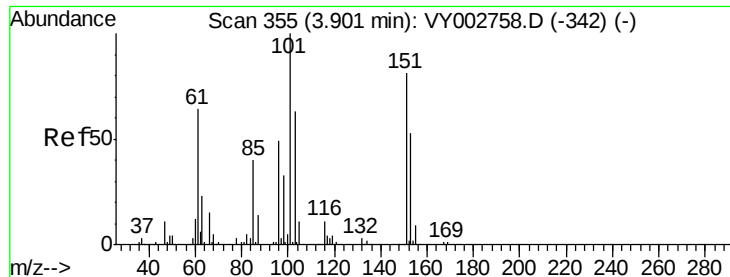


#8

Diethyl Ether
Concen: 21.101 ug/l
RT: 3.54 min Scan# 295
Delta R.T. -0.00 min
Lab File: VY002763.D
Acq: 27 May 2020 14:51

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	38249		
45	88.0	44.0	131.8	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.284 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.00 min

Lab File: VY002763.D

Acq: 27 May 2020 14:51

Instrument :

MSVOA_Y

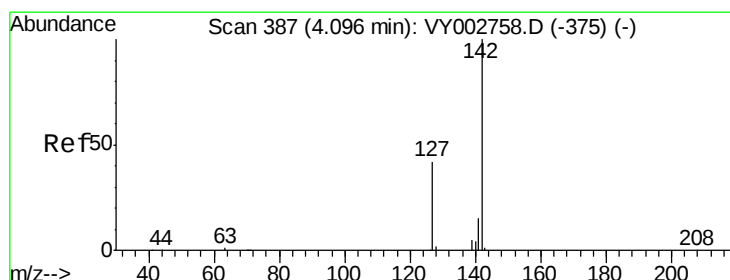
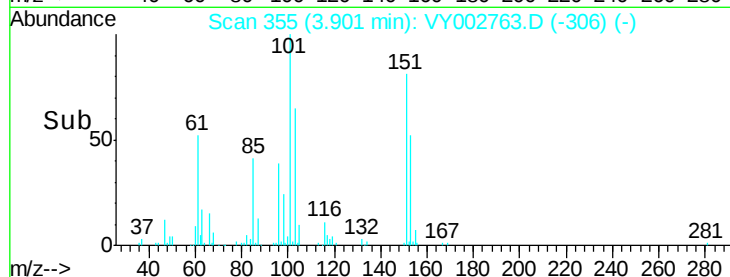
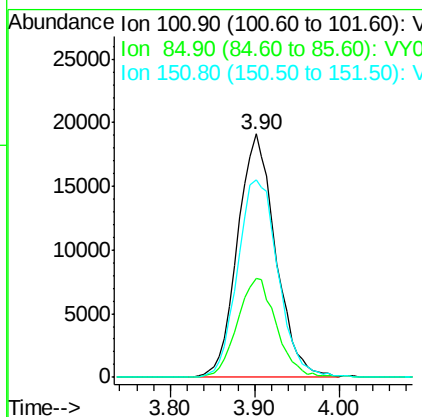
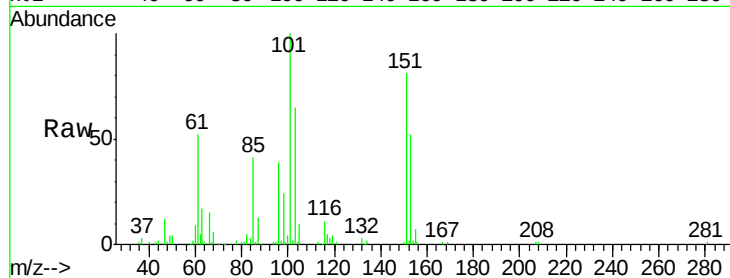
ClientSampleId :

VY0527SBS01

Tot Ion:	101	Resp:	58665
Ion Ratio	Lower	Upper	
101	100		
85	41.8	32.7	49.1
151	86.3	68.0	102.0

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#10

Methyl Iodide

Concen: 19.050 ug/l

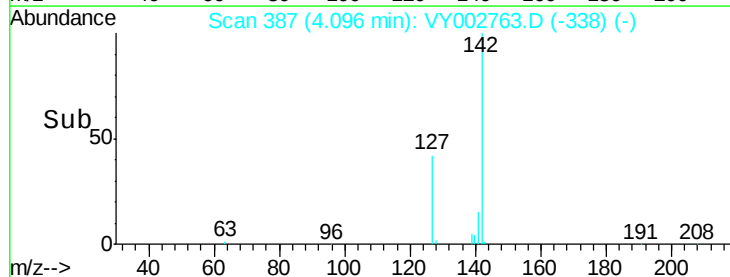
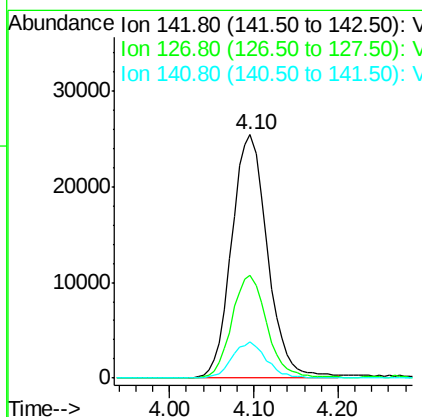
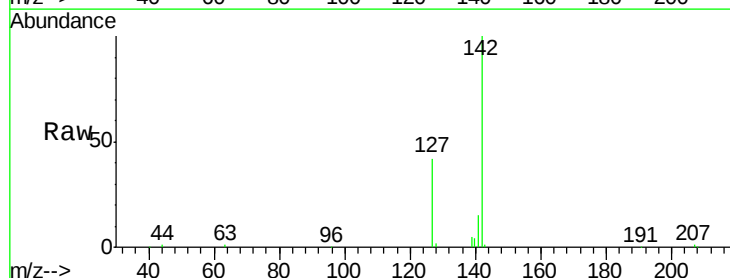
RT: 4.10 min Scan# 387

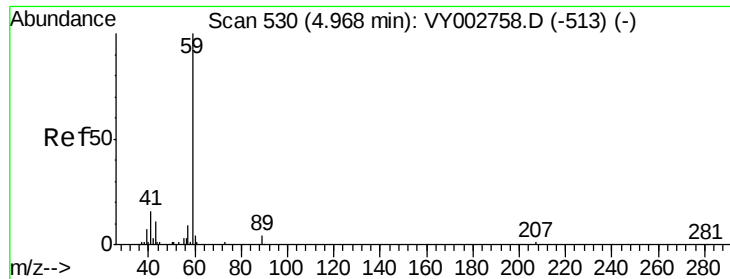
Delta R.T. -0.00 min

Lab File: VY002763.D

Acq: 27 May 2020 14:51

Tgt Ion:	142	Resp:	73470
Ion Ratio	Lower	Upper	
142	100		
127	41.6	33.3	49.9
141	14.3	11.5	17.3





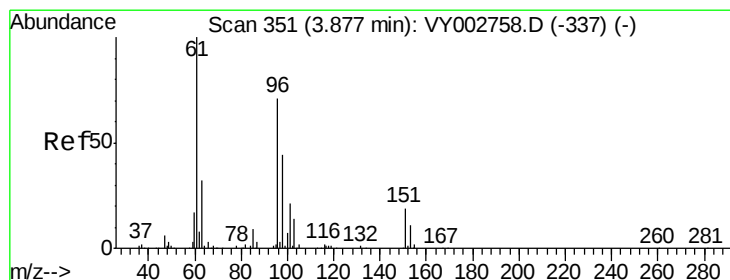
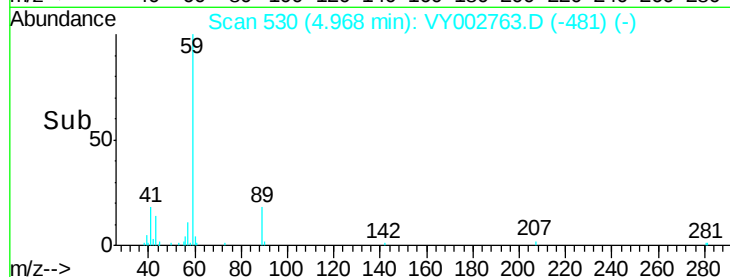
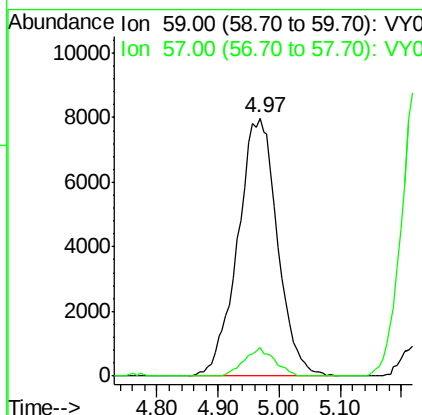
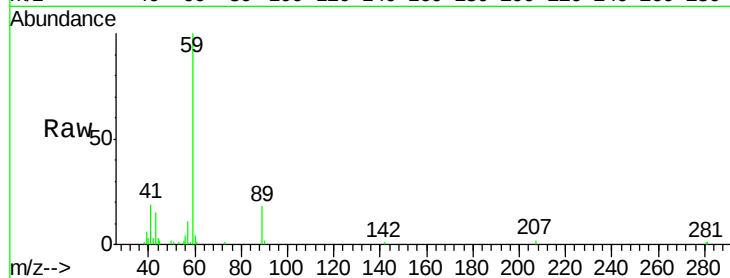
#11
Tert butyl alcohol
Concen: 111.275 ug/l
RT: 4.97 min Scan# 530
Delta R.T. -0.00 min
Lab File: VY002763.D
Acq: 27 May 2020 14:51

Instrument :
MSVOA_Y
ClientSampleId :
VY0527SBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	8.4	7.7	11.5

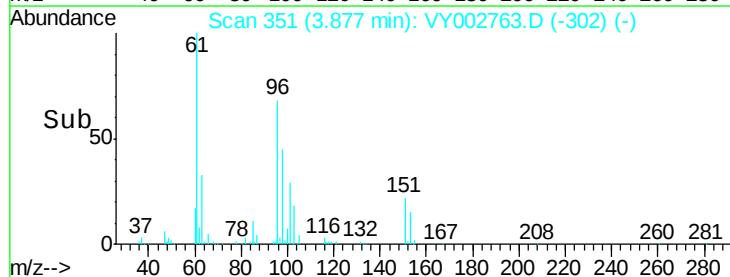
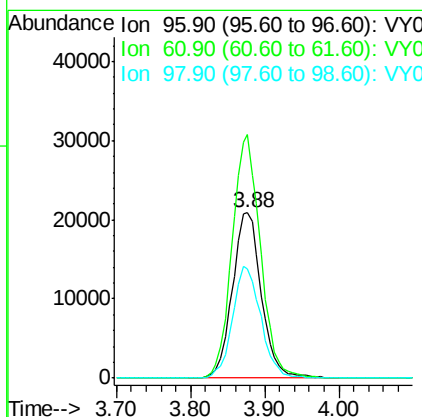
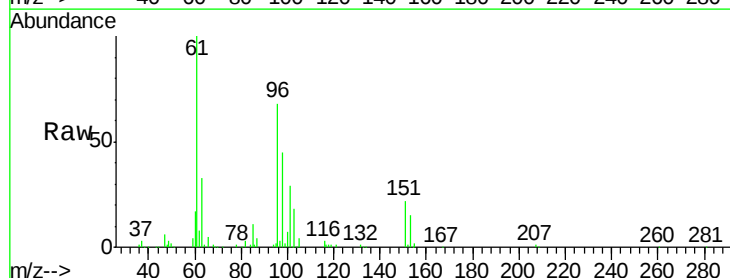
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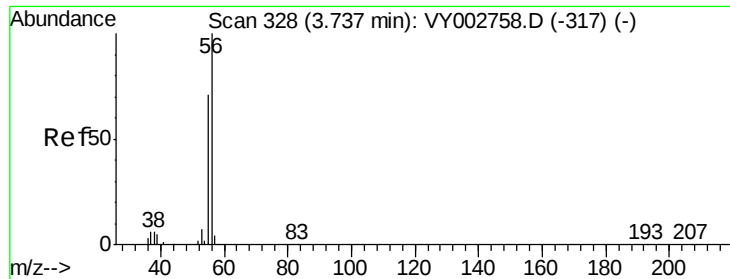
MMDadoda
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#12
1,1-Dichloroethene
Concen: 20.611 ug/l
RT: 3.88 min Scan# 351
Delta R.T. -0.00 min
Lab File: VY002763.D
Acq: 27 May 2020 14:51

Tgt Ion	Ratio	Lower	Upper
96	100		
61	147.5	112.6	168.8
98	66.4	50.0	75.0





#13

Acrolein

Concen: 105.339 ug/l

RT: 3.74 min Scan# 328

Delta R.T. -0.00 min

Lab File: VY002763.D

Acq: 27 May 2020 14:51

Instrument :

MSVOA_Y

ClientSampleId :

VY0527SBS01

Tot Ion: 56 Resp: 34924

Ion Ratio Lower Upper

56 100

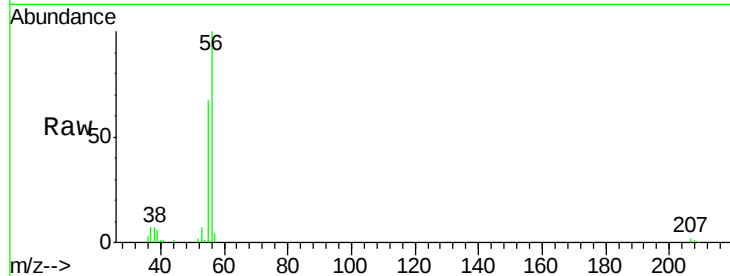
55 68.5 56.0 84.0

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Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

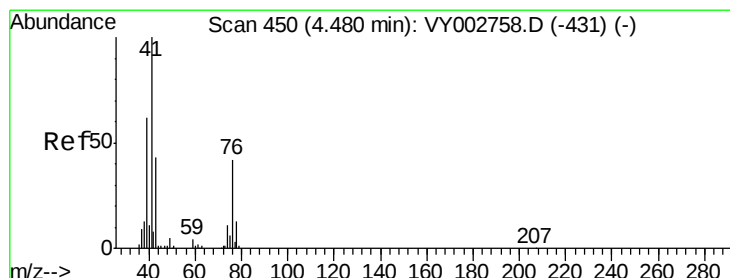
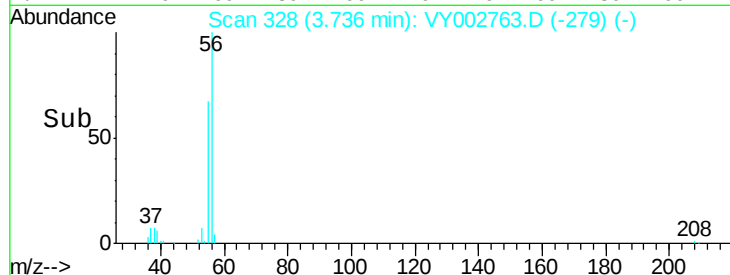
15000

10000

5000

0

Time--> 3.60 3.70 3.80 3.90



#14

Allyl chloride

Concen: 21.241 ug/l

RT: 4.48 min Scan# 450

Delta R.T. -0.00 min

Lab File: VY002763.D

Acq: 27 May 2020 14:51

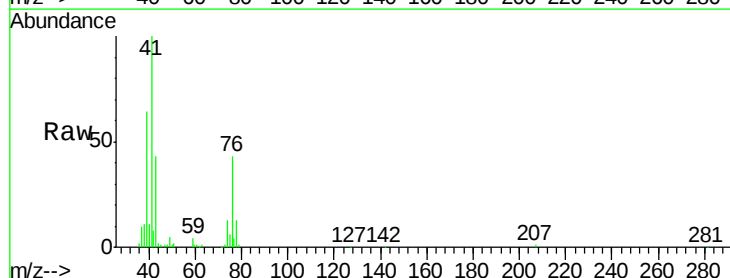
Tgt Ion: 41 Resp: 84444

Ion Ratio Lower Upper

41 100

39 62.3 49.9 74.9

76 40.3 33.2 49.8



Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0

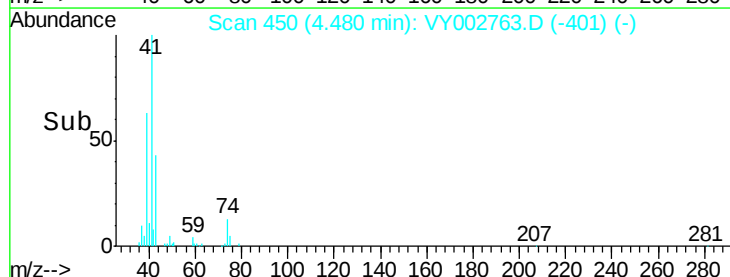
30000

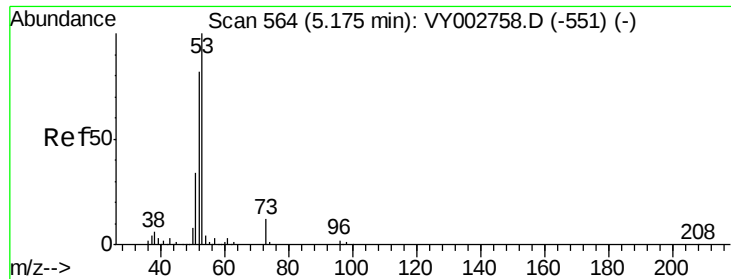
20000

10000

0

Time--> 4.30 4.40 4.50 4.60 4.70





#15

Acrylonitrile

Concen: 102.791 ug/l

RT: 5.17 min Scan# 563

Delta R.T. -0.01 min

Lab File: VY002763.D

Acq: 27 May 2020 14:51

Instrument :

MSVOA_Y

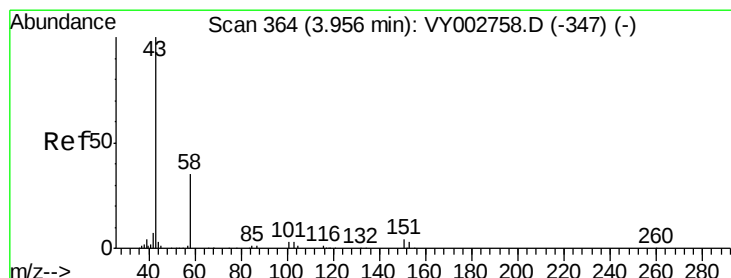
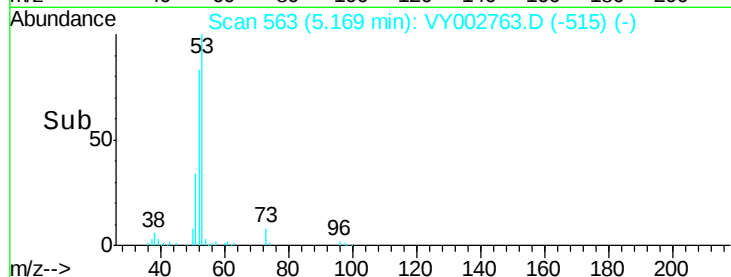
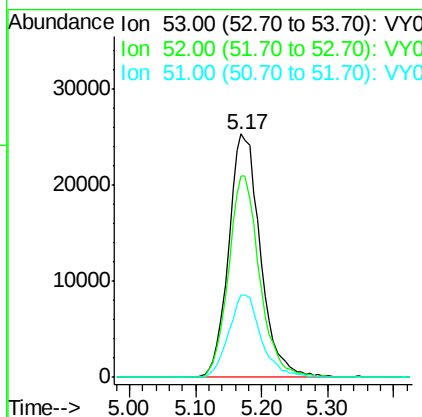
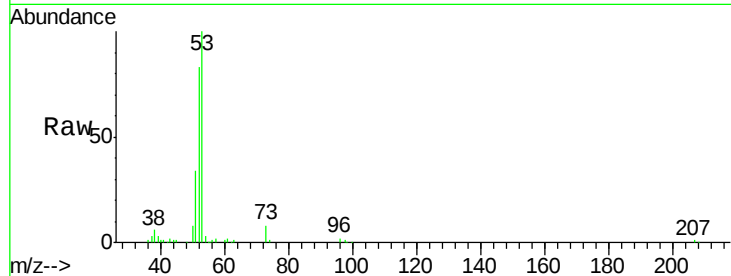
ClientSampleId :

VY0527SBS01

Tot Ion:	53	Resp:	84057
Ion Ratio	Lower	Upper	
53	100		
52	81.0	65.3	97.9
51	34.8	28.0	42.0

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#16

Acetone

Concen: 99.595 ug/l

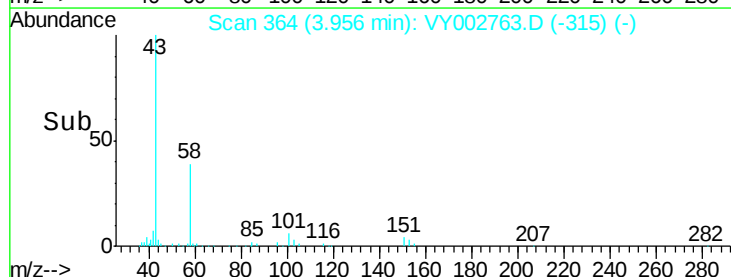
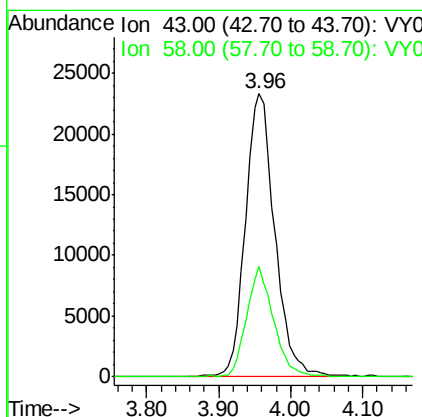
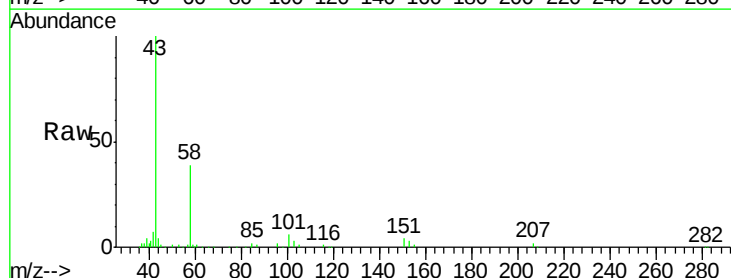
RT: 3.96 min Scan# 364

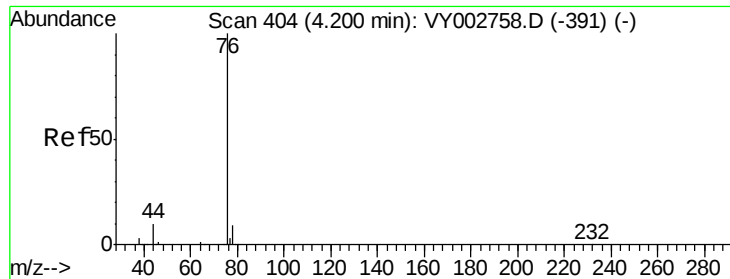
Delta R.T. -0.00 min

Lab File: VY002763.D

Acq: 27 May 2020 14:51

Tgt Ion:	43	Resp:	66070
Ion Ratio	Lower	Upper	
43	100		
58	39.1	27.7	41.5





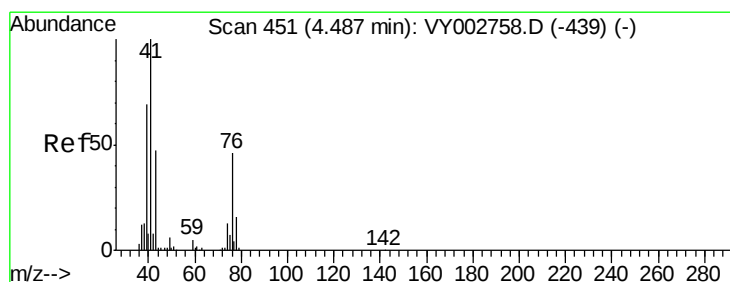
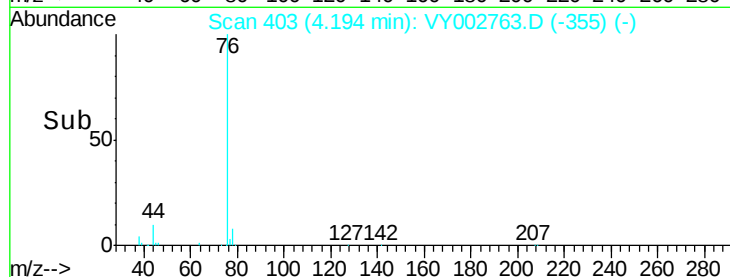
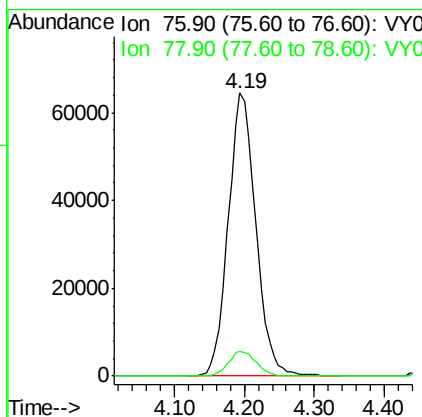
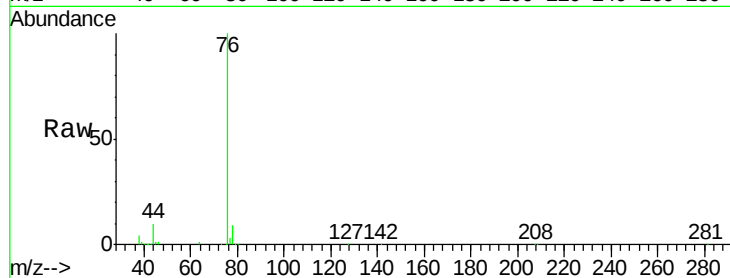
#17
Carbon Disulfide
Concen: 21.055 ug/l
RT: 4.19 min Scan# 403
Delta R.T. -0.01 min
Lab File: VY002763.D
Acq: 27 May 2020 14:51

Instrument :
MSVOA_Y
ClientSampleId :
VY0527SBS01

Tot Ion	Ratio	Resp	Lower	Upper
76	100	176362		
78	8.9		6.9	10.3

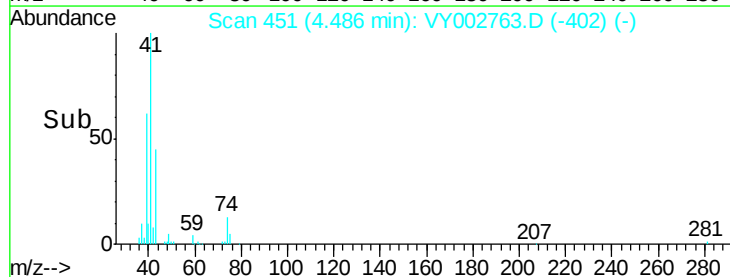
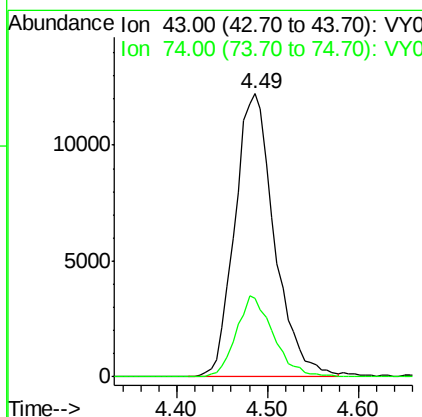
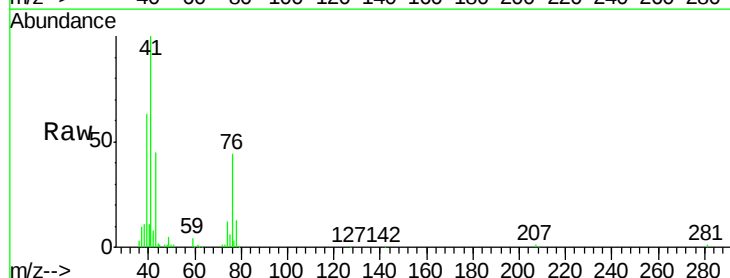
Manual Integrations
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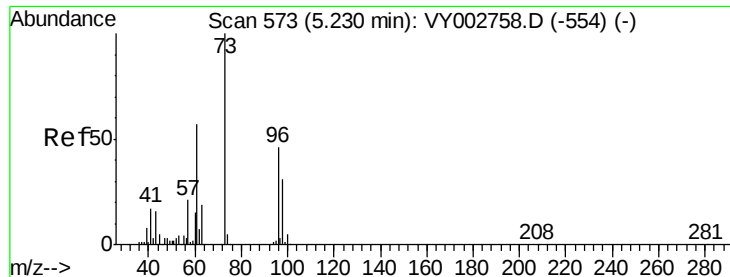
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#18
Methyl Acetate
Concen: 21.676 ug/l
RT: 4.49 min Scan# 451
Delta R.T. 0.00 min
Lab File: VY002763.D
Acq: 27 May 2020 14:51

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	36995		
74	26.9		21.4	32.0





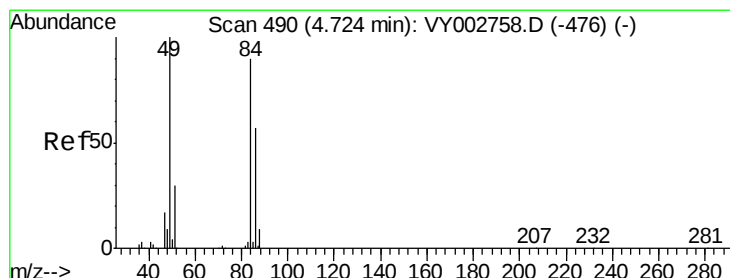
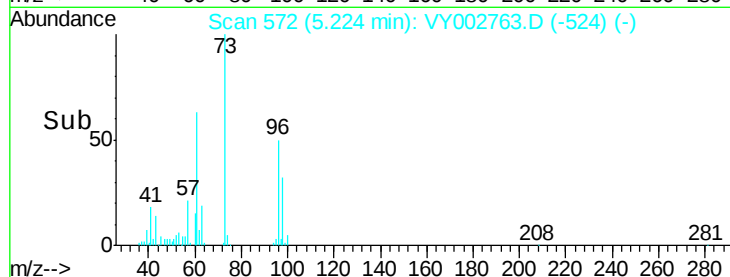
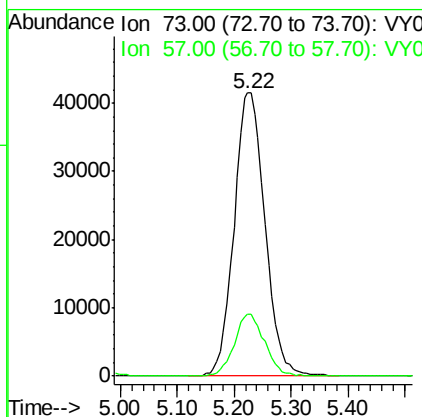
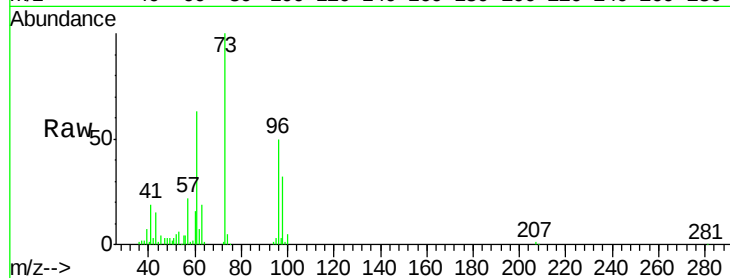
#19
Methvl tert-butvl Ether
Concen: 20.505 ug/l
RT: 5.22 min Scan# 572
Delta R.T. -0.01 min
Lab File: VY002763.D
Acq: 27 May 2020 14:51

Instrument :
MSVOA_Y
ClientSampleId :
VY0527SBS01

Tot Ion: 73 Resp: 156911
Ion Ratio Lower Upper
73 100
57 21.8 17.0 25.4

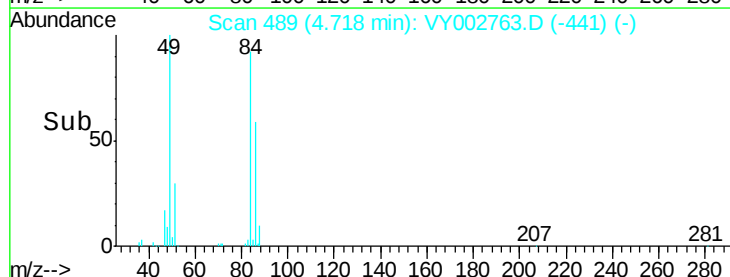
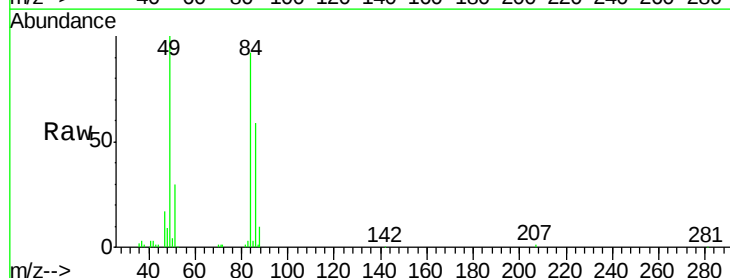
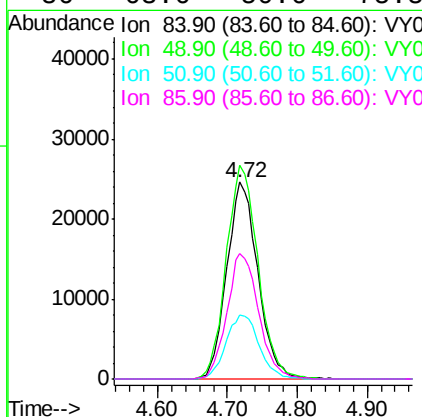
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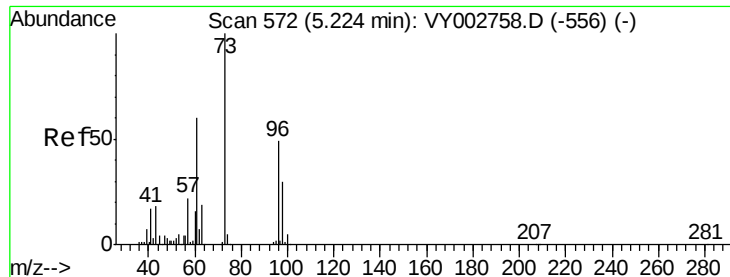
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#20
Methylene Chloride
Concen: 23.484 ug/l
RT: 4.72 min Scan# 489
Delta R.T. -0.01 min
Lab File: VY002763.D
Acq: 27 May 2020 14:51

Tgt Ion: 84 Resp: 76135
Ion Ratio Lower Upper
84 100
49 108.4 88.5 132.7
51 32.6 26.8 40.2
86 63.6 50.6 75.8





#21

trans-1,2-Dichloroethene

Concen: 20.625 ug/l

RT: 5.23 min Scan# 573

Delta R.T. 0.01 min

Lab File: VY002763.D

Acq: 27 May 2020 14:51

Instrument :

MSVOA_Y

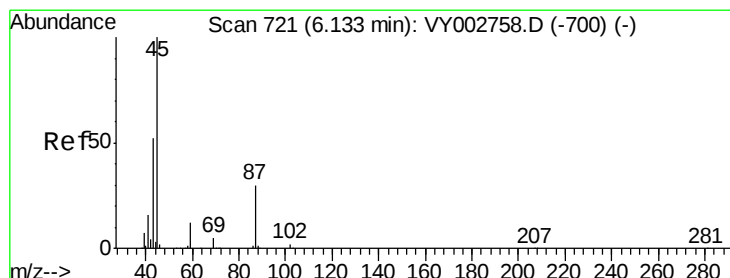
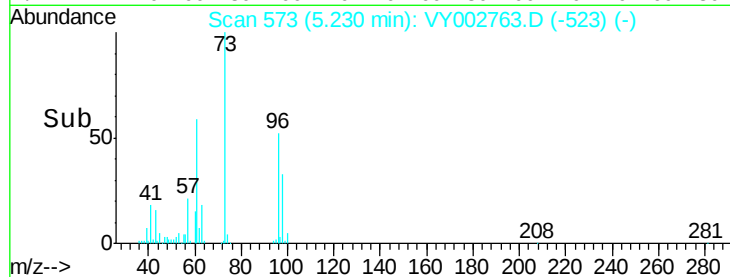
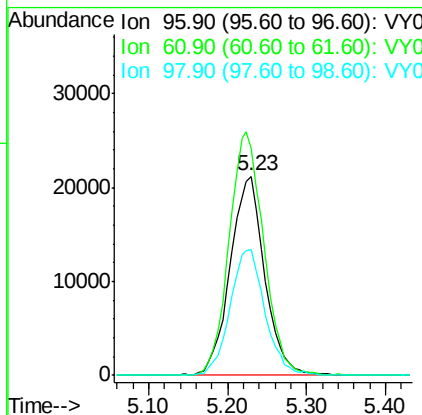
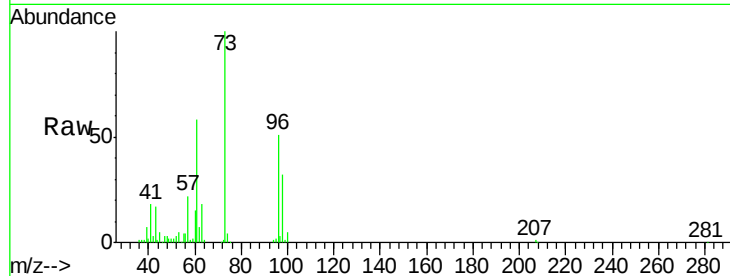
ClientSampleId :

VY0527SBS01

Tot Ion:	96	Resp:	64294
Ion	Ratio	Lower	Upper
96	100		
61	114.1	96.8	145.2
98	63.1	49.4	74.0

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#22

Diisopropyl ether

Concen: 21.007 ug/l

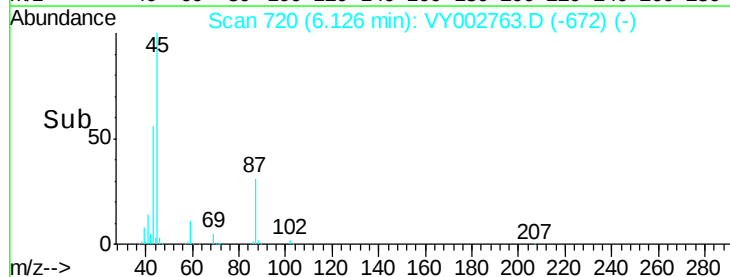
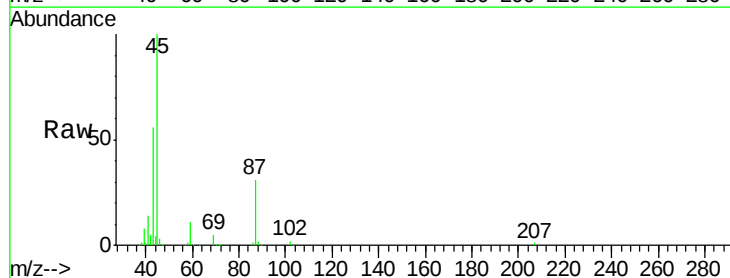
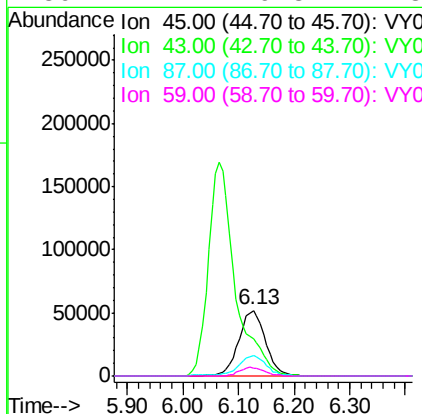
RT: 6.13 min Scan# 720

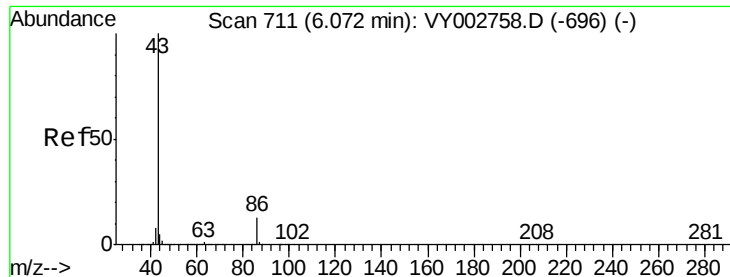
Delta R.T. -0.01 min

Lab File: VY002763.D

Acq: 27 May 2020 14:51

Tgt Ion:	45	Resp:	173543
Ion	Ratio	Lower	Upper
45	100		
43	56.0	41.7	62.5
87	31.2	24.2	36.2
59	11.1	9.8	14.8





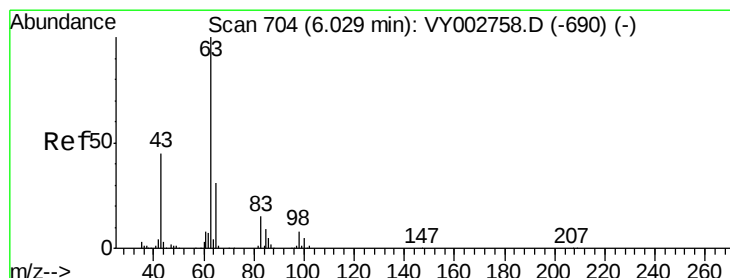
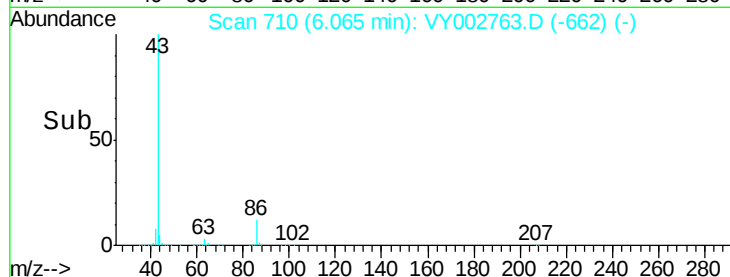
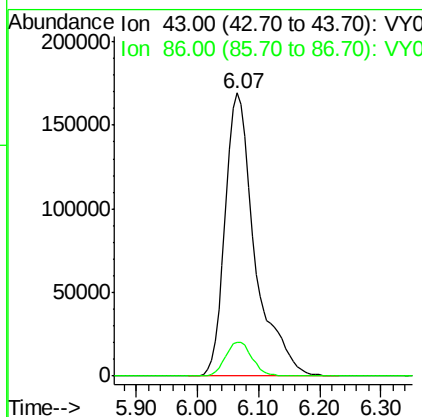
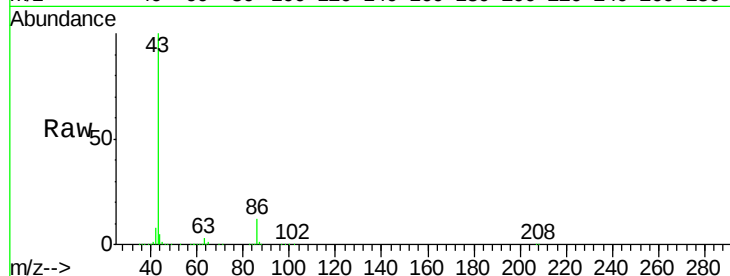
#23
 Vinyl Acetate
 Concen: 104.368 ug/l
 RT: 6.07 min Scan# 710
 Delta R.T. -0.01 min
 Lab File: VY002763.D
 Acq: 27 May 2020 14:51

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0527SBS01

Tot Ion	Ratio	Resp	Lower	Upper
43	100	569259		
86	12.1		10.2	15.2

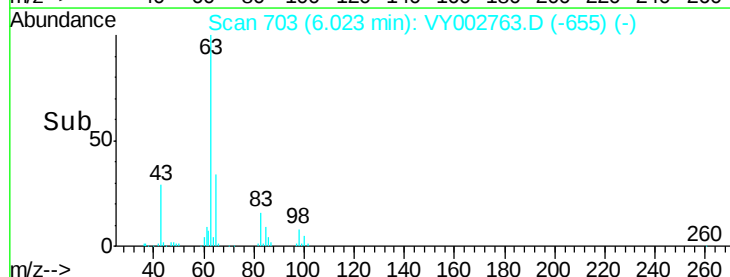
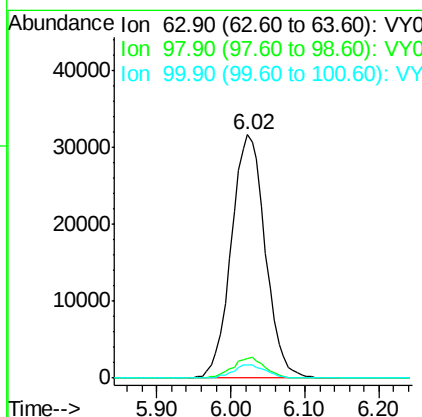
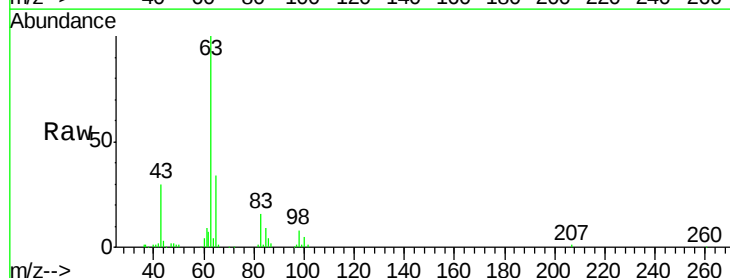
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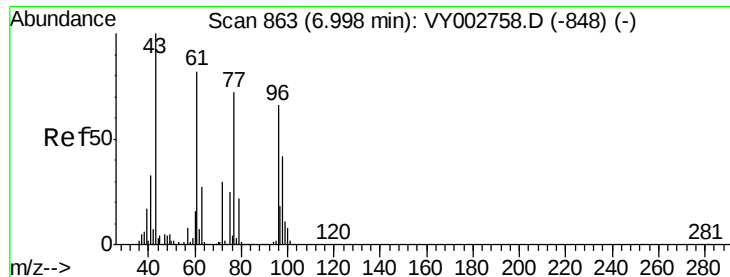
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#24
 1,1-Dichloroethane
 Concen: 20.876 ug/l
 RT: 6.02 min Scan# 703
 Delta R.T. -0.01 min
 Lab File: VY002763.D
 Acq: 27 May 2020 14:51

Tgt Ion	Ratio	Resp	Lower	Upper
63	100	100889		
98	7.9		4.0	12.2
100	5.3		2.4	7.1





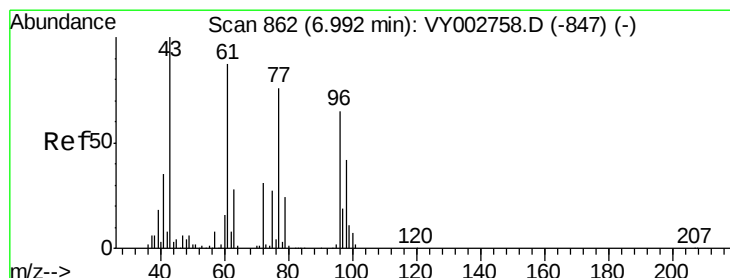
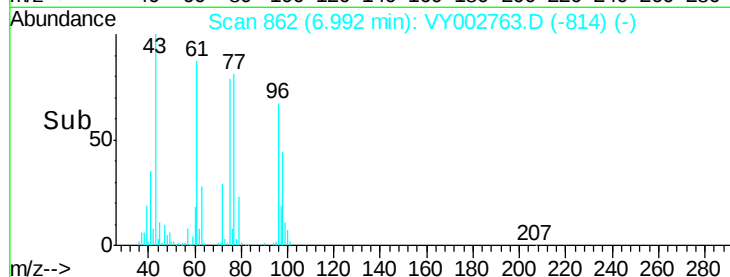
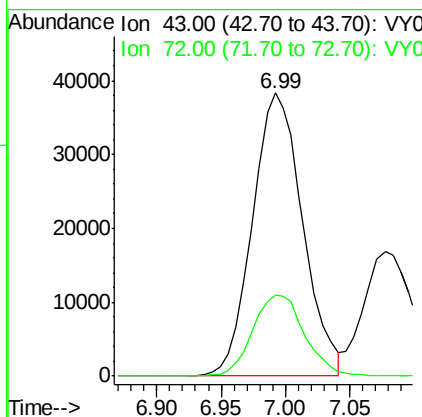
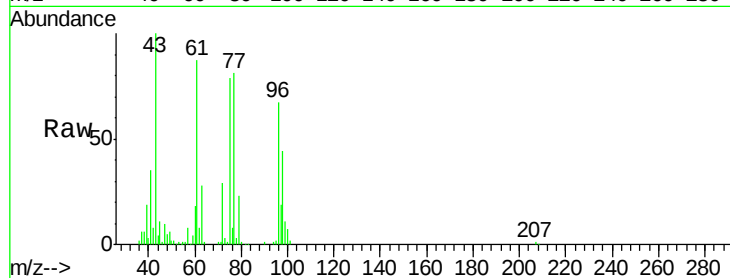
#25
2-Butanone
Concen: 100.254 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.01 min
Lab File: VY002763.D
Acq: 27 May 2020 14:51

Instrument :
MSVOA_Y
ClientSampleId :
VY0527SBS01

Tot Ion: 43 Resp: 103618
Ion Ratio Lower Upper
43 100
72 28.5 23.9 35.9

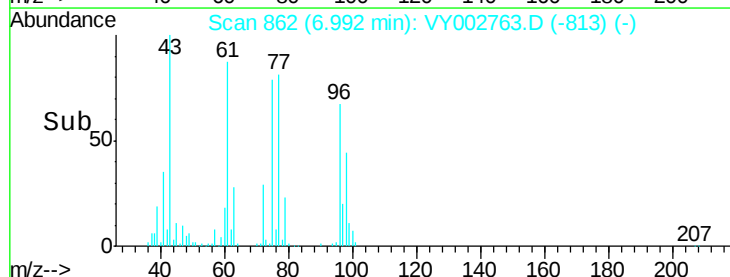
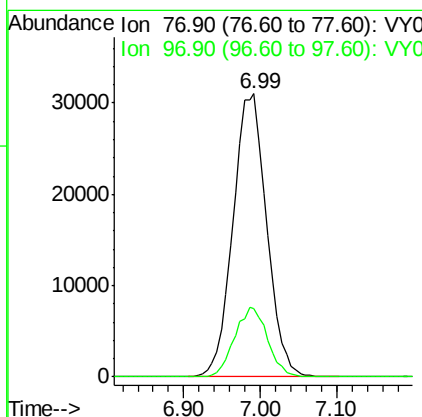
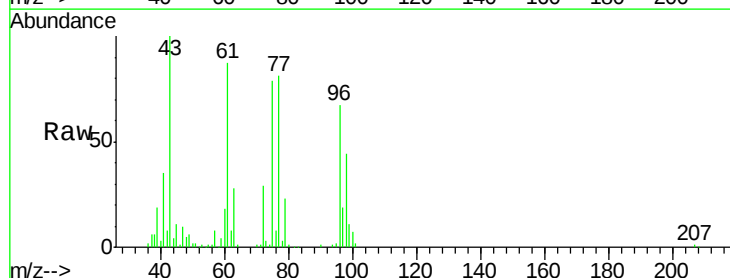
Manual Integrations
APPROVED

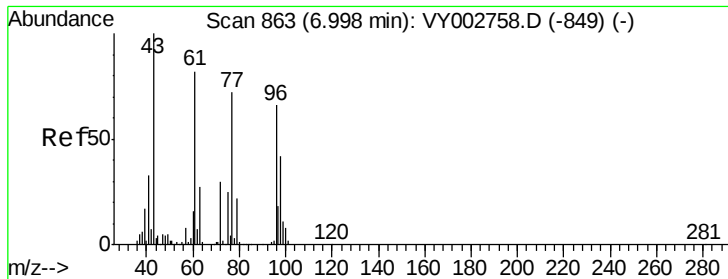
MMDadoda
5/28/2020 2:08:47 PM



#26
2,2-Dichloropropane
Concen: 20.448 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.00 min
Lab File: VY002763.D
Acq: 27 May 2020 14:51

Tgt Ion: 77 Resp: 94772
Ion Ratio Lower Upper
77 100
97 24.0 12.2 36.6





#27

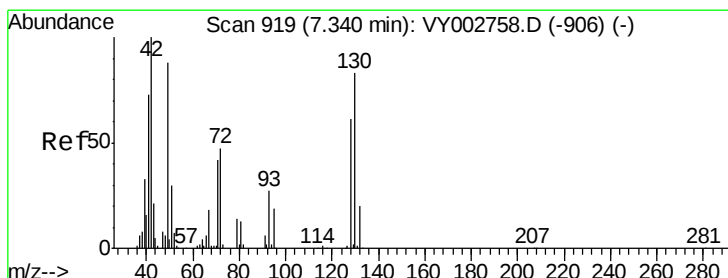
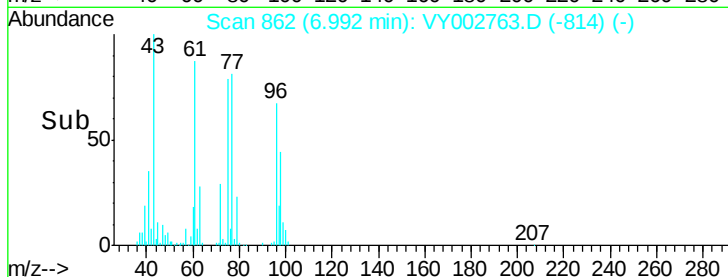
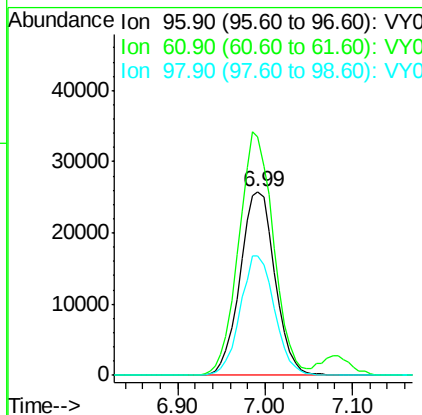
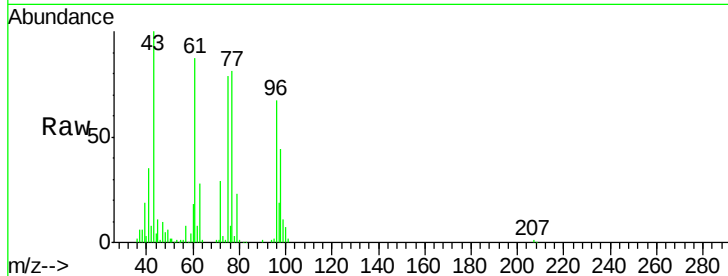
cis-1,2-Dichloroethene
Concen: 20.473 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.01 min
Lab File: VY002763.D
Acq: 27 May 2020 14:51

Instrument :
MSVOA_Y
ClientSampleId :
VY0527SBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
96	100		71445		
61	132.0	0.0	260.2		
98	64.2	0.0	128.2		

Manual Integrations
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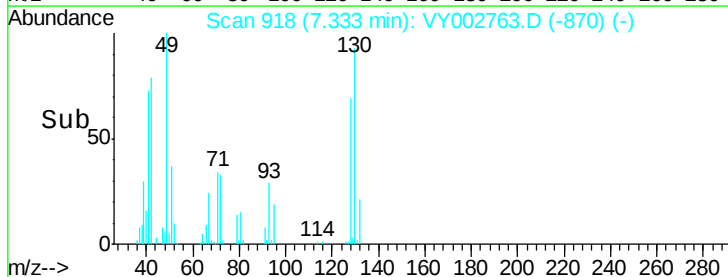
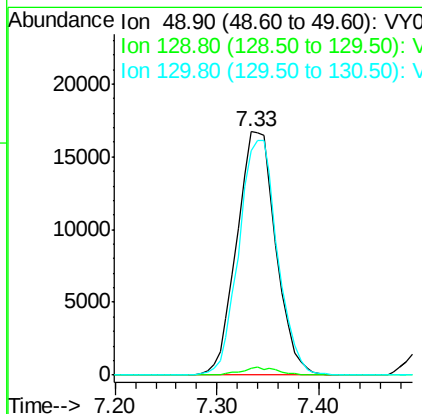
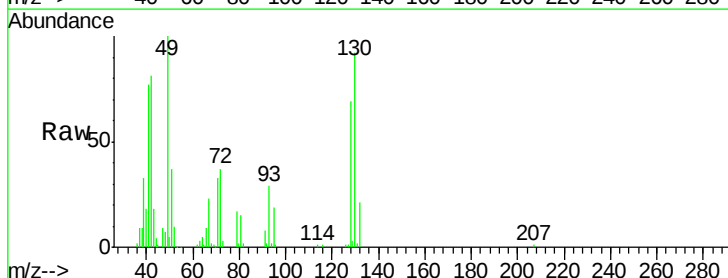
MMDadoda
5/28/2020 2:08:47 PM

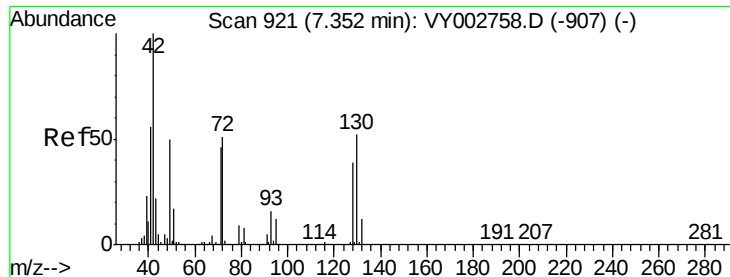


#28

Bromochloromethane
Concen: 22.435 ug/l
RT: 7.33 min Scan# 918
Delta R.T. -0.01 min
Lab File: VY002763.D
Acq: 27 May 2020 14:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
49	100		44509		
129	2.9	0.0	5.2		
130	95.0	77.1	115.7		





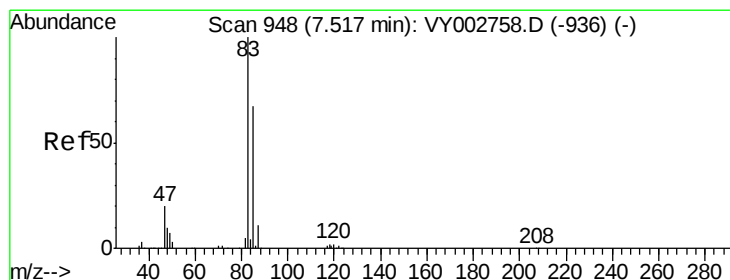
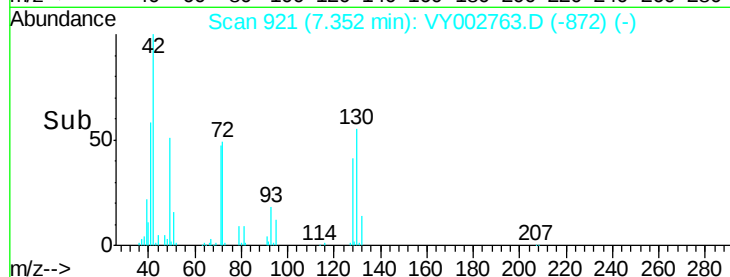
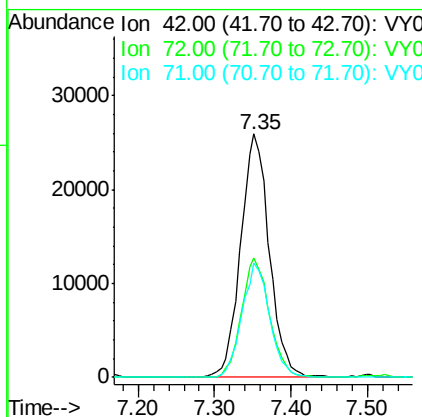
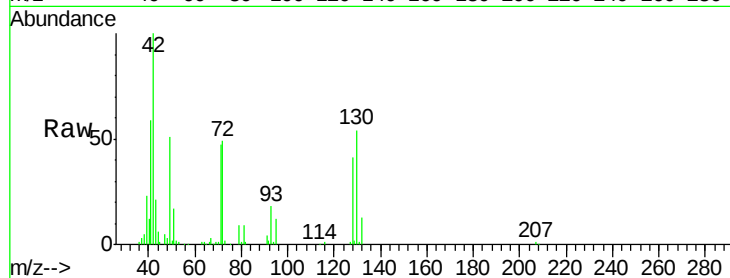
#29
Tetrahydrofuran
Concen: 100.364 ug/l
RT: 7.35 min Scan# 921
Delta R.T. -0.00 min
Lab File: VY002763.D
Acq: 27 May 2020 14:51

Instrument :
MSVOA_Y
ClientSampleId :
VY0527SBS01

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

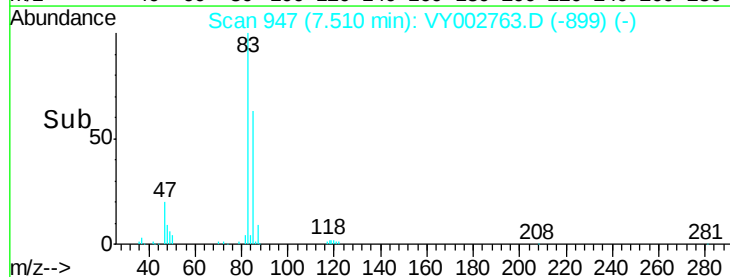
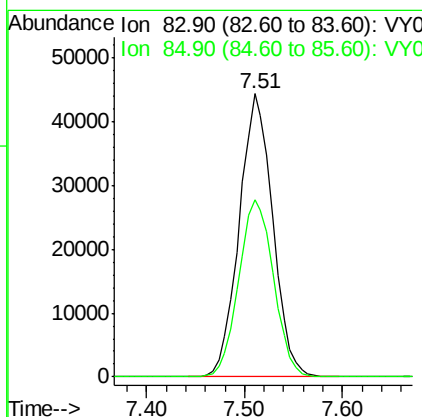
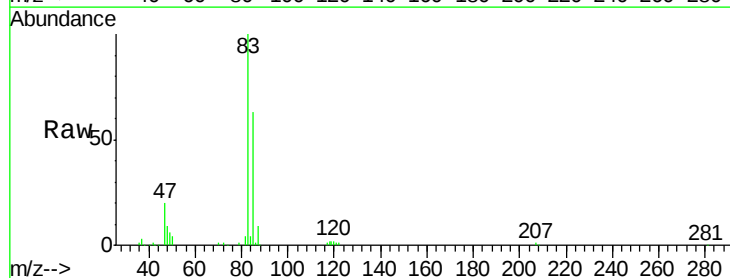
Manual Integrations
APPROVED

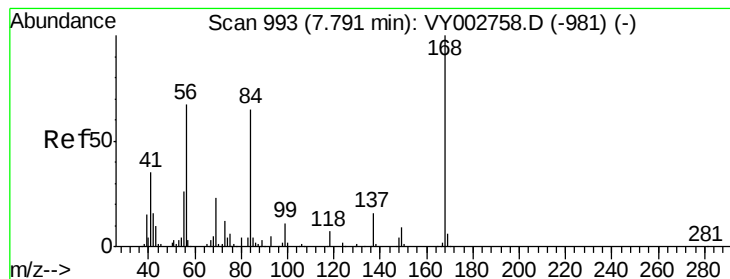
MMDadoda
5/28/2020 2:08:47 PM



#30
Chloroform
Concen: 20.553 ug/l
RT: 7.51 min Scan# 947
Delta R.T. -0.01 min
Lab File: VY002763.D
Acq: 27 May 2020 14:51

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.5	53.8	80.8





#31

Cyclohexane

Concen: 20.929 ug/l

RT: 7.78 min Scan# 992

Delta R.T. -0.01 min

Lab File: VY002763.D

Acq: 27 May 2020 14:51

Instrument :

MSVOA_Y

ClientSampleId :

VY0527SBS01

Tot Ion: 56 Resp: 100420

Ion Ratio Lower Upper

56 100

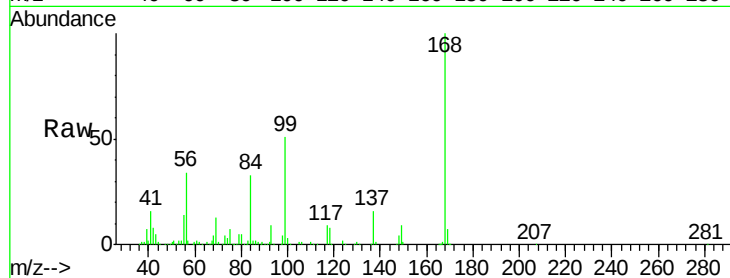
69 38.8 28.0 42.0

84 97.9 77.7 116.5

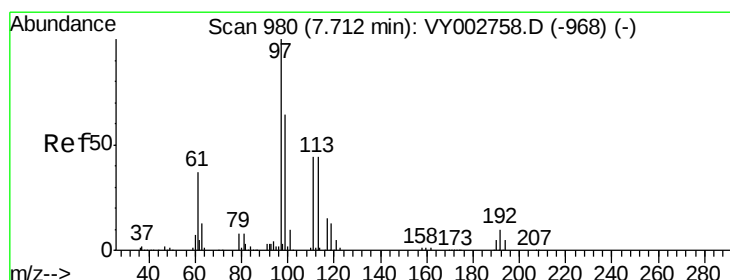
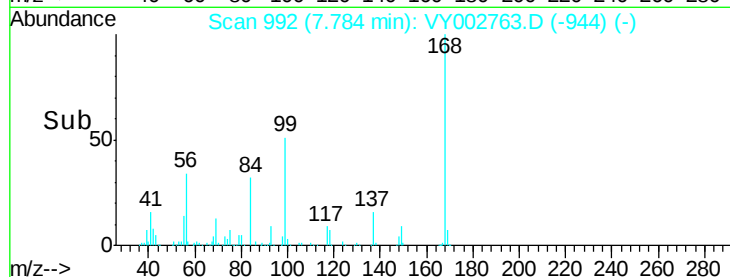
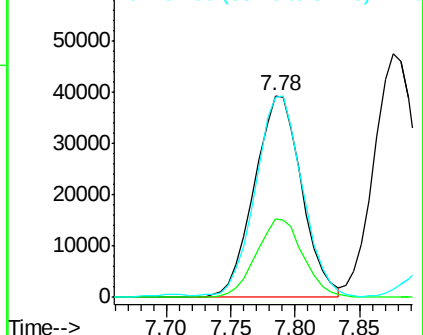
Manual Integrations
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Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0



#32

1,1,1-Trichloroethane

Concen: 20.424 ug/l

RT: 7.71 min Scan# 979

Delta R.T. -0.01 min

Lab File: VY002763.D

Acq: 27 May 2020 14:51

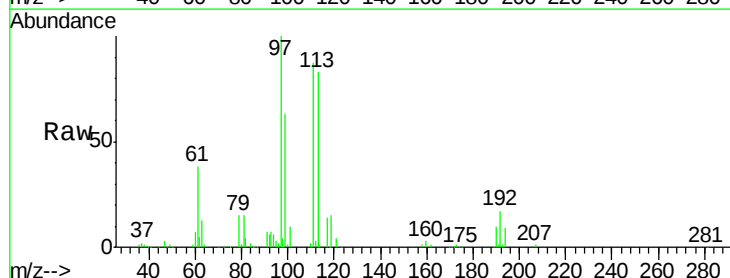
Tgt Ion: 97 Resp: 97599

Ion Ratio Lower Upper

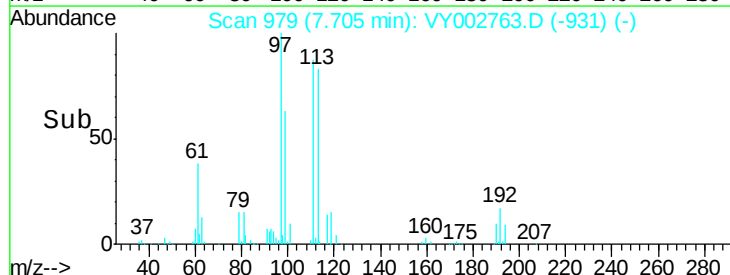
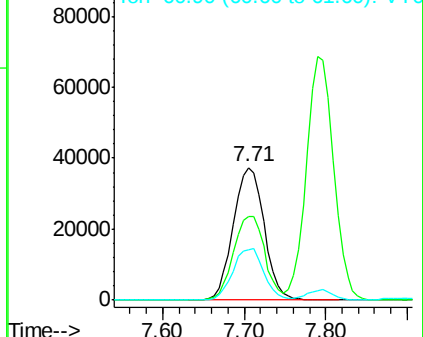
97 100

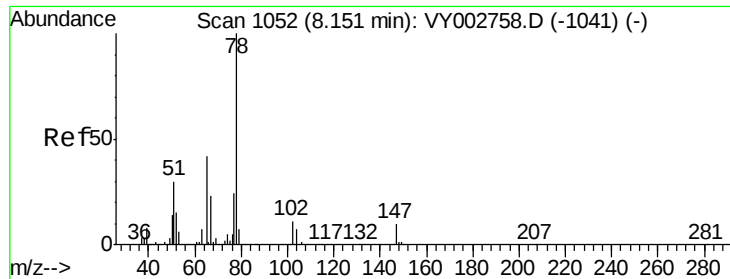
99 64.1 51.4 77.0

61 38.7 30.1 45.1



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





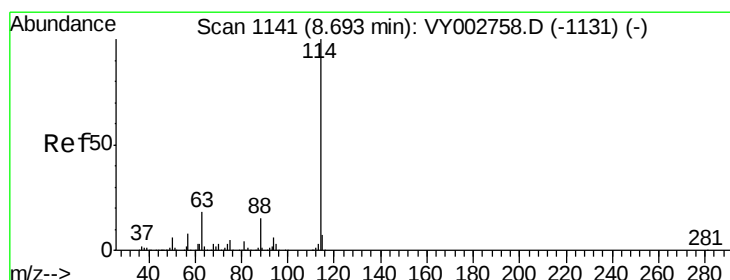
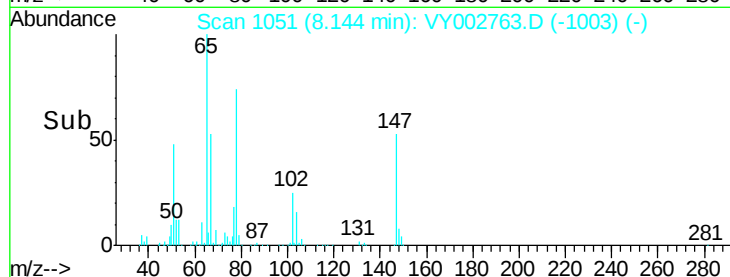
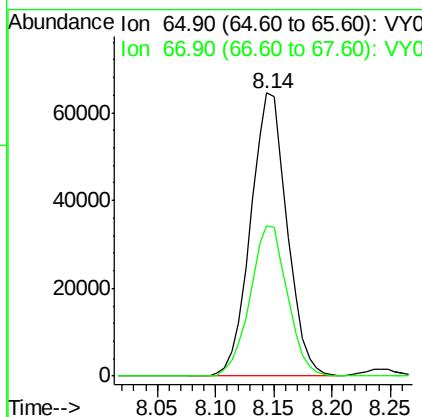
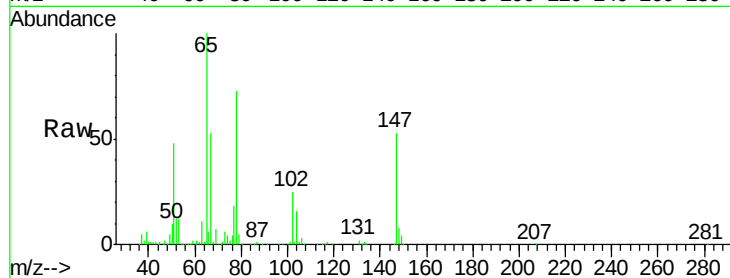
#33
 1,2-Dichloroethane-d4
 Concen: 49.370 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. -0.01 min
 Lab File: VY002763.D
 Acq: 27 May 2020 14:51

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0527SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	54.5	0.0	111.0	

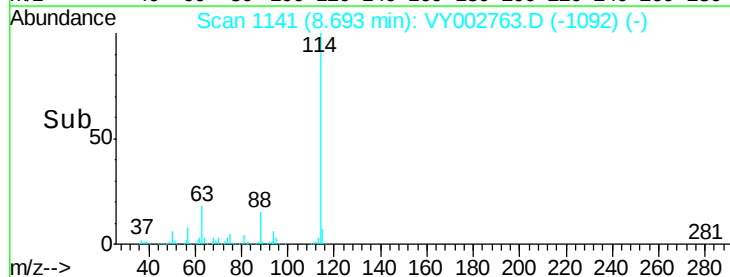
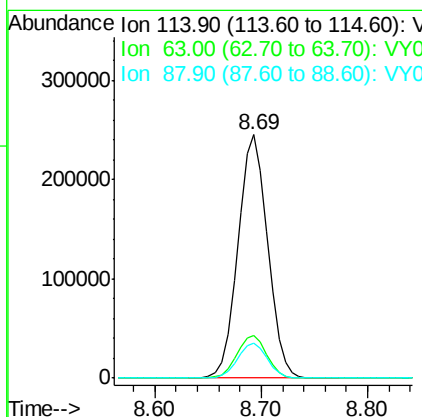
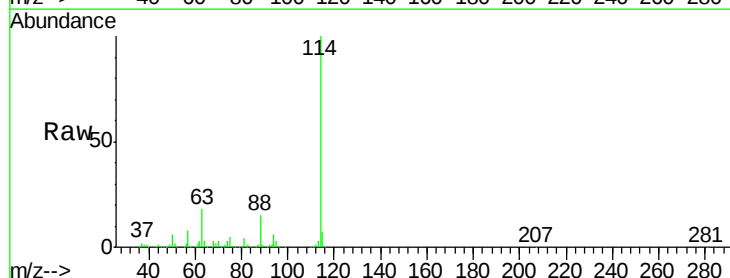
Manual Integrations
 APPROVED

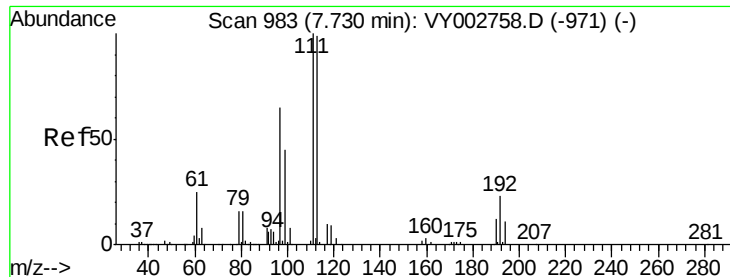
MMDadoda
 5/28/2020 2:08:47 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY002763.D
 Acq: 27 May 2020 14:51

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	17.6	0.0	35.2	
88	14.5	0.0	29.2	





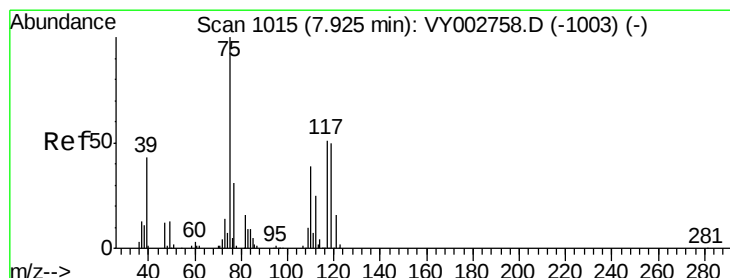
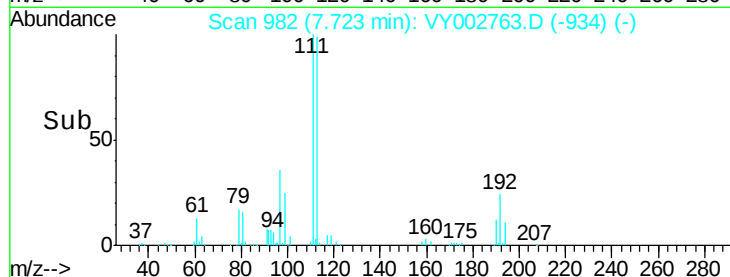
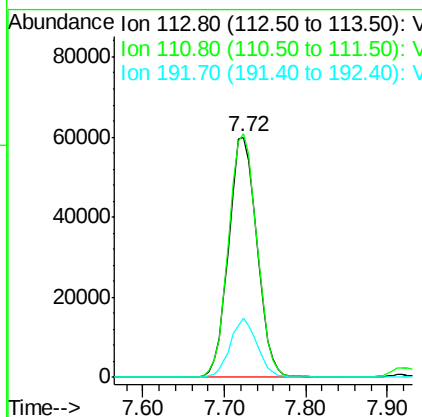
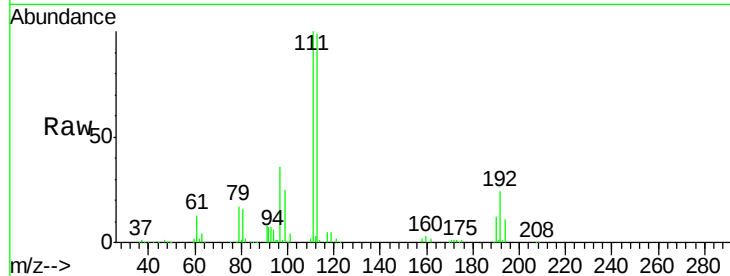
#35
Dibromofluoromethane
Concen: 51.033 ug/l
RT: 7.72 min Scan# 982
Delta R.T. -0.01 min
Lab File: VY002763.D
Acq: 27 May 2020 14:51

Instrument :
MSVOA_Y
ClientSampleId :
VY0527SBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	143485		
111	101.9	82.0	123.0	
192	23.3	18.9	28.3	

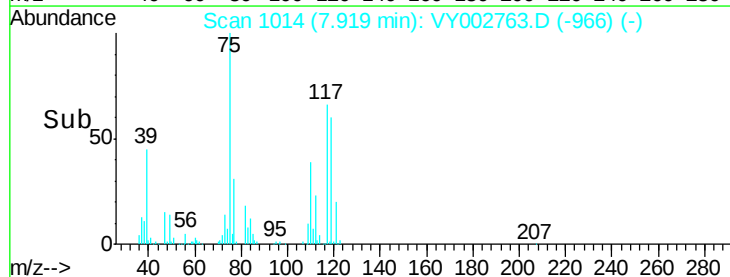
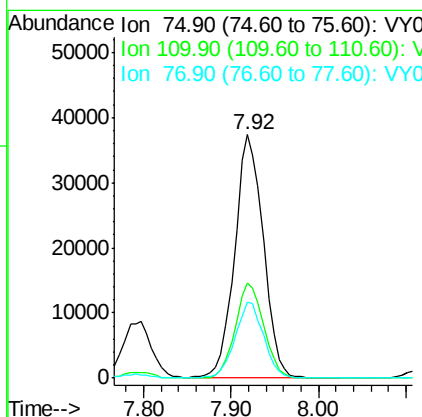
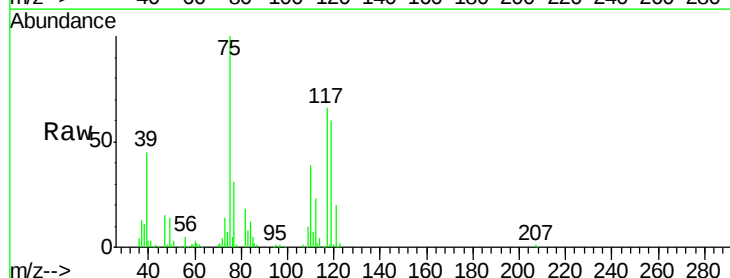
Manual Integrations
APPROVED

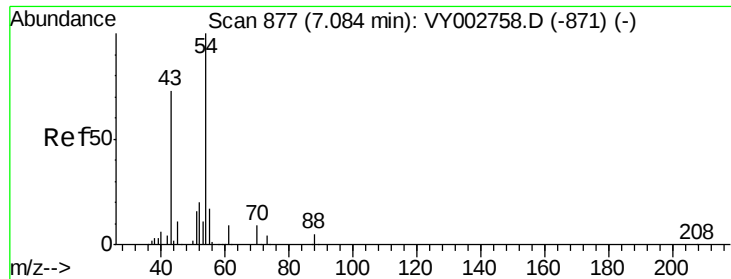
MMDadoda
5/28/2020 2:08:47 PM



#36
1,1-Dichloropropene
Concen: 21.026 ug/l
RT: 7.92 min Scan# 1014
Delta R.T. -0.01 min
Lab File: VY002763.D
Acq: 27 May 2020 14:51

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	84971		
110	38.8	19.3	57.9	
77	30.9	24.8	37.2	





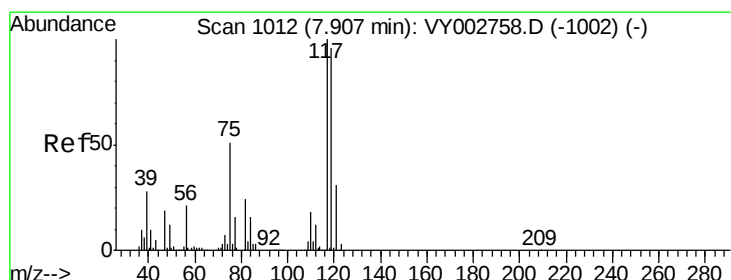
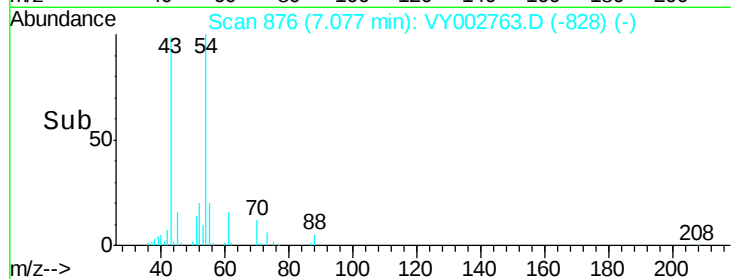
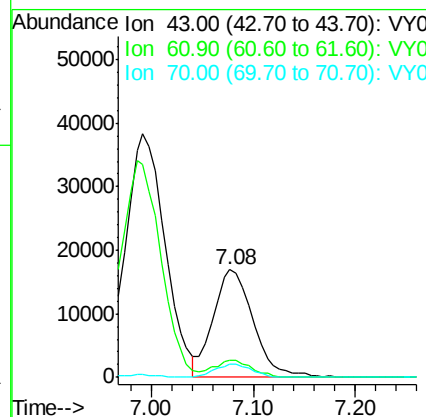
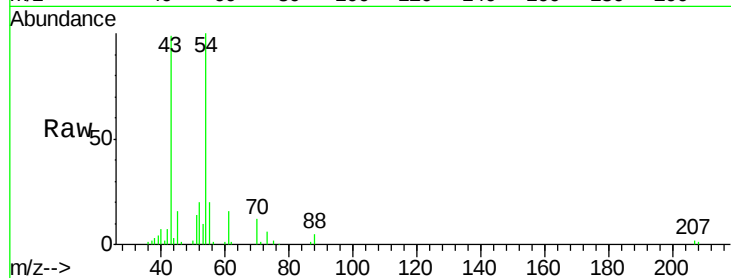
#37
Ethyl Acetate
Concen: 20.814 ug/l
RT: 7.08 min Scan# 876
Delta R.T. -0.01 min
Lab File: VY002763.D
Acq: 27 May 2020 14:51

Instrument :
MSVOA_Y
ClientSampleId :
VY0527SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.3	11.9	17.9
70	11.8	9.1	13.7

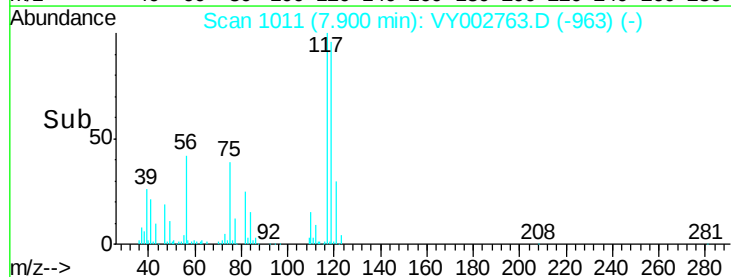
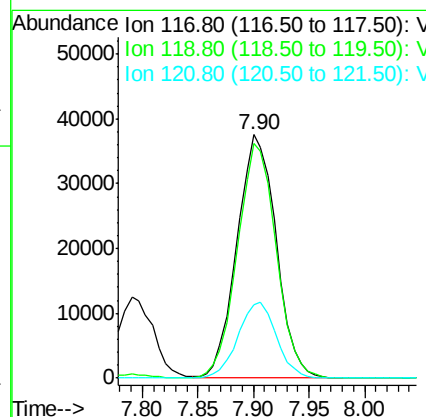
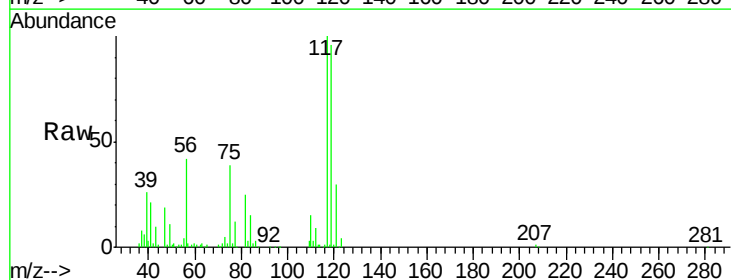
Manual Integrations
APPROVED

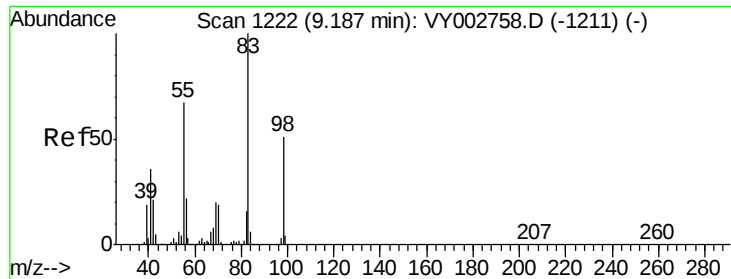
MMDadoda
5/28/2020 2:08:47 PM



#38
Carbon Tetrachloride
Concen: 20.520 ug/l
RT: 7.90 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VY002763.D
Acq: 27 May 2020 14:51

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.3	76.8	115.2
121	30.4	24.8	37.2





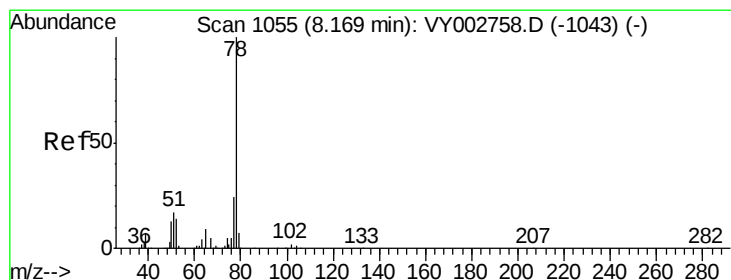
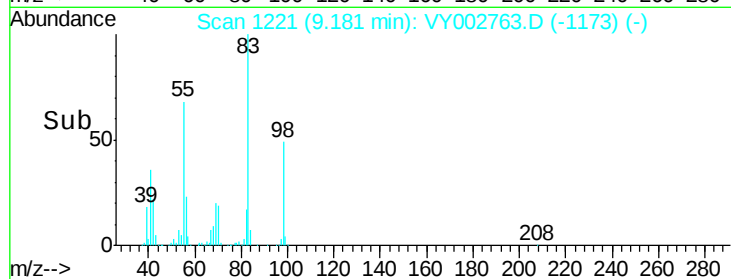
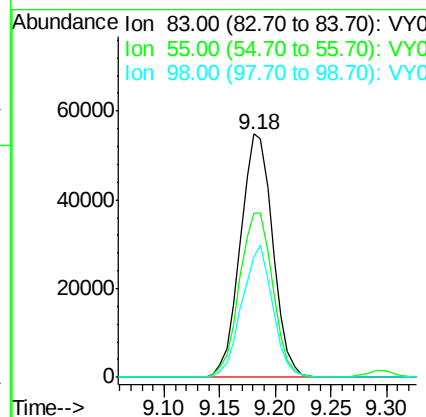
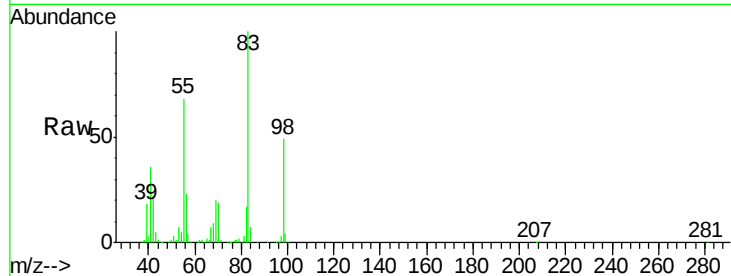
#39
Methvlcvclohexane
Concen: 20.804 ug/l
RT: 9.18 min Scan# 1221
Delta R.T. -0.01 min
Lab File: VY002763.D
Acq: 27 May 2020 14:51

Instrument :
MSVOA_Y
ClientSampleId :
VY0527SBS01

Tot Ion	83	Resp	110819
Ion Ratio	Lower	Upper	
83	100		
55	67.7	53.3	79.9
98	49.5	41.1	61.7

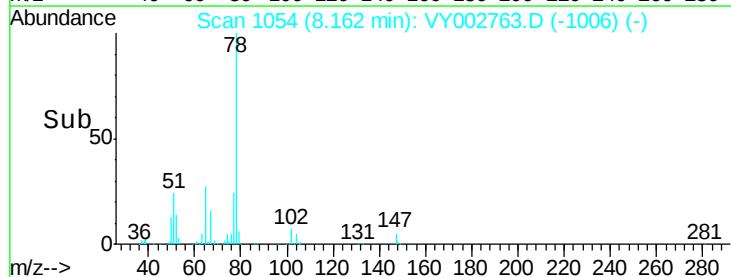
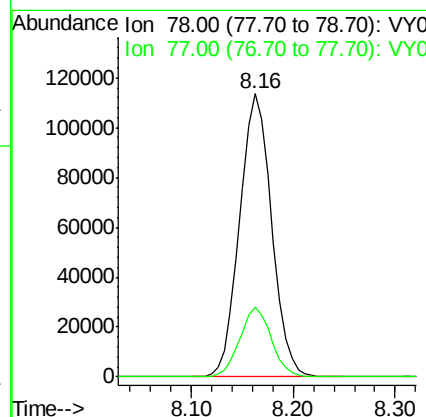
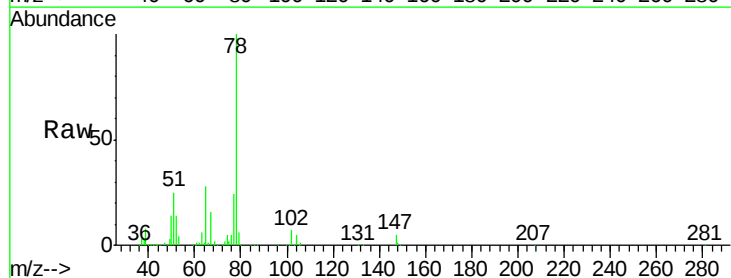
Manual Integrations
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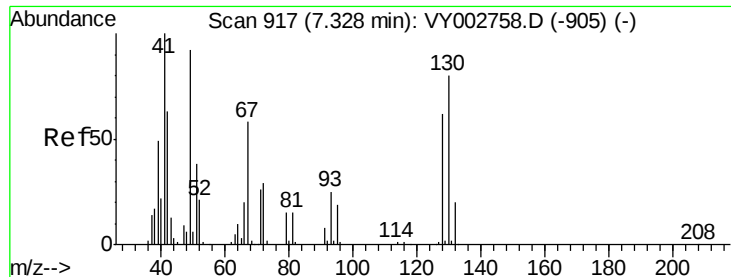
MMDadoda
5/28/2020 2:08:47 PM



#40
Benzene
Concen: 20.669 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.01 min
Lab File: VY002763.D
Acq: 27 May 2020 14:51

Tgt Ion	78	Resp	246820
Ion Ratio	Lower	Upper	
78	100		
77	24.4	18.8	28.2





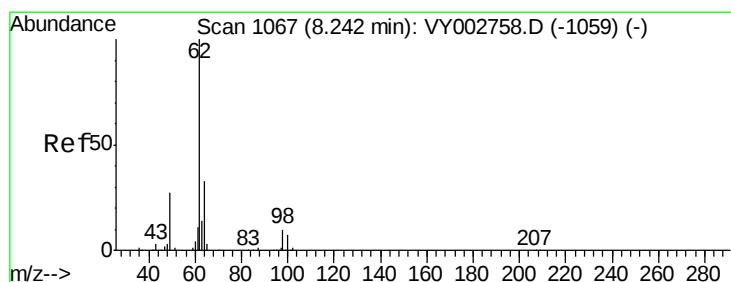
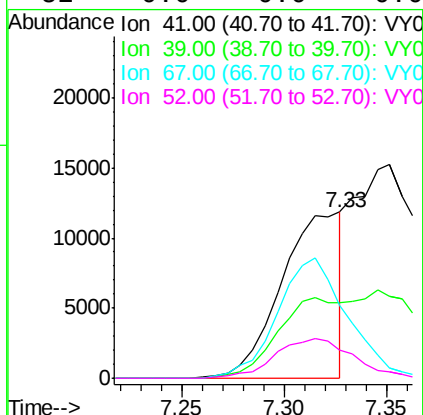
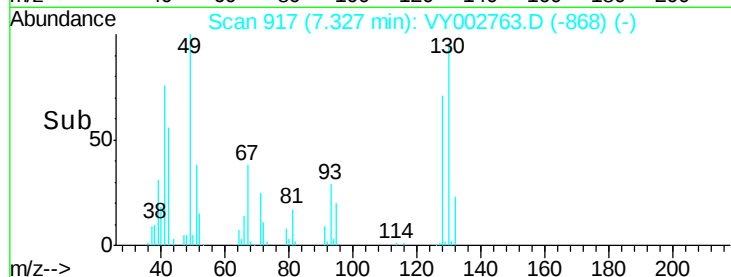
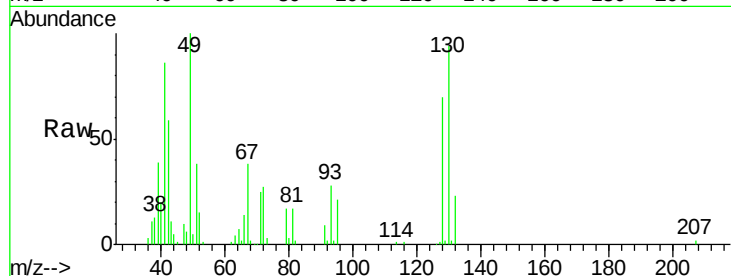
#41
Methacrylonitrile
Concen: 20.828 ug/l m
RT: 7.33 min Scan# 917
Delta R.T. -0.00 min
Lab File: VY002763.D
Acq: 27 May 2020 14:51

Instrument :
MSVOA_Y
ClientSampleId :
VY0527SBS01

Tot Ion	Ratio	Resp	Lower	Upper
41	100	24603		
39	0.0	97.6	146.4#	
67	0.0	0.0	0.0	
52	0.0	0.0	0.0	

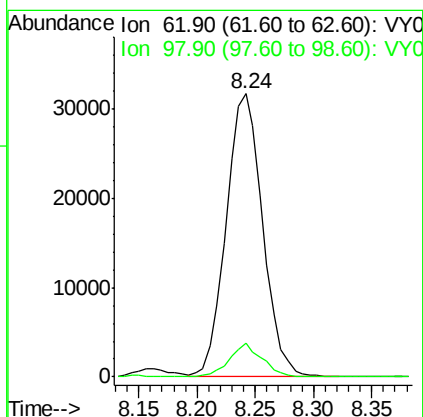
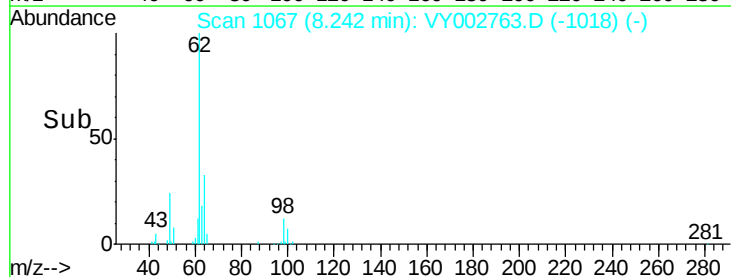
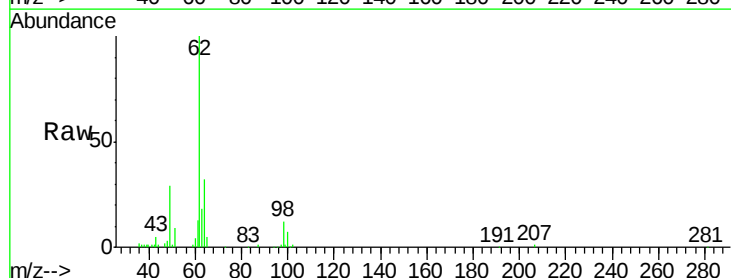
Manual Integrations
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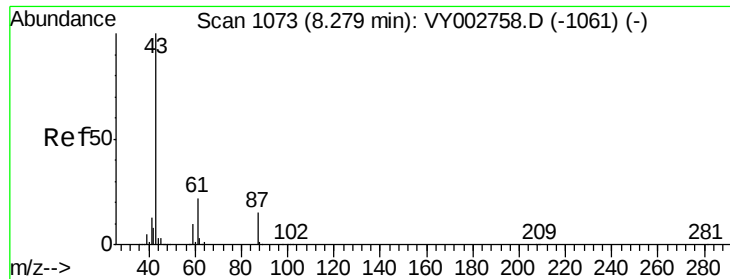
MMDadoda
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#42
1,2-Dichloroethane
Concen: 20.582 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.00 min
Lab File: VY002763.D
Acq: 27 May 2020 14:51

Tgt Ion	Ratio	Resp	Lower	Upper
62	100	68881		
98	10.7	0.0	22.6	





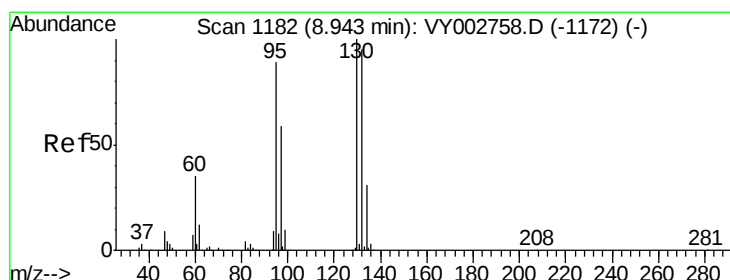
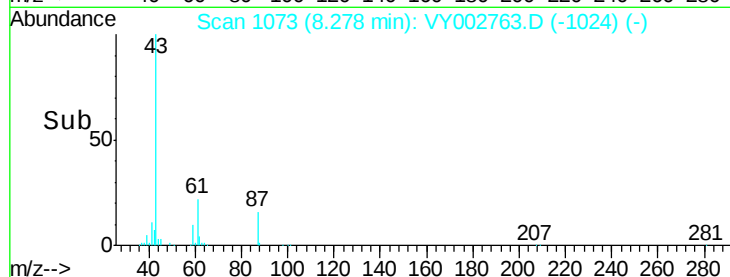
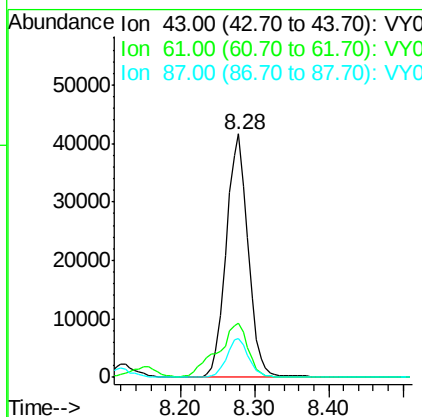
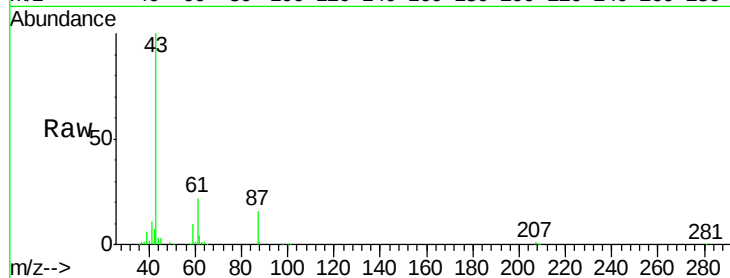
#43
Isopropyl Acetate
Concen: 20.536 ug/l
RT: 8.28 min Scan# 1073
Delta R.T. -0.00 min
Lab File: VY002763.D
Acq: 27 May 2020 14:51

Instrument :
MSVOA_Y
ClientSampleId :
VY0527SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	30.9	24.8	37.2
87	16.0	12.4	18.6

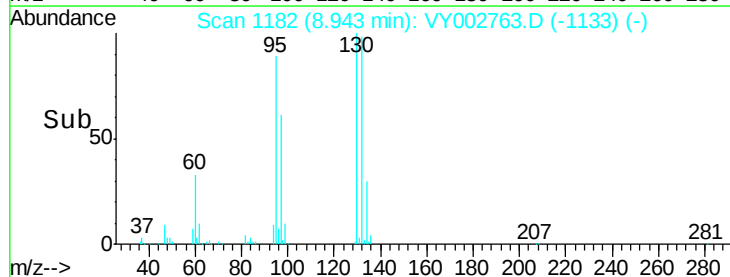
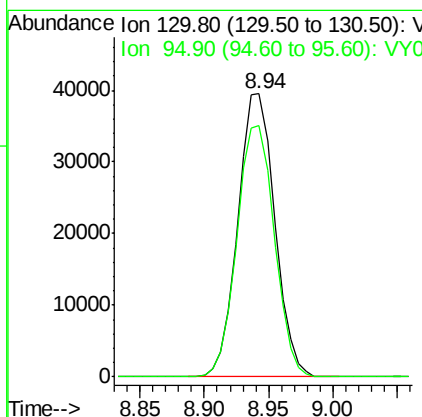
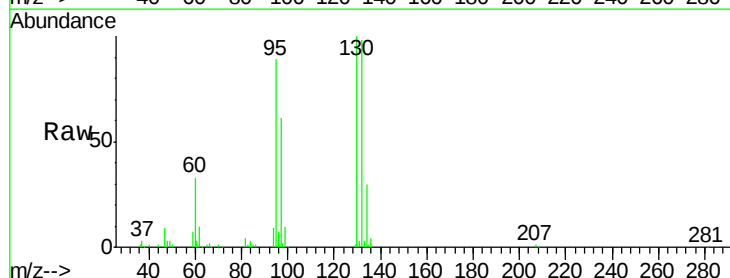
Manual Integrations
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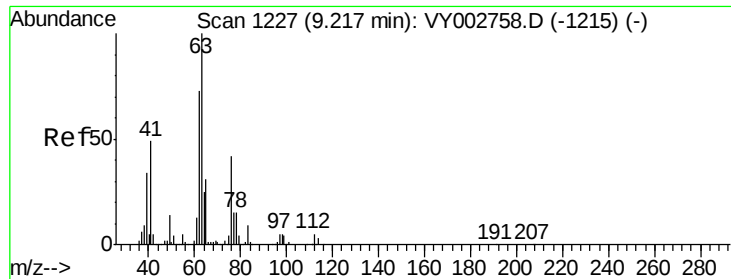
MMDadoda
5/28/2020 2:08:47 PM



#44
Trichloroethene
Concen: 20.850 ug/l
RT: 8.94 min Scan# 1182
Delta R.T. -0.00 min
Lab File: VY002763.D
Acq: 27 May 2020 14:51

Tgt Ion	Ratio	Lower	Upper
130	100		
95	88.8	0.0	178.8





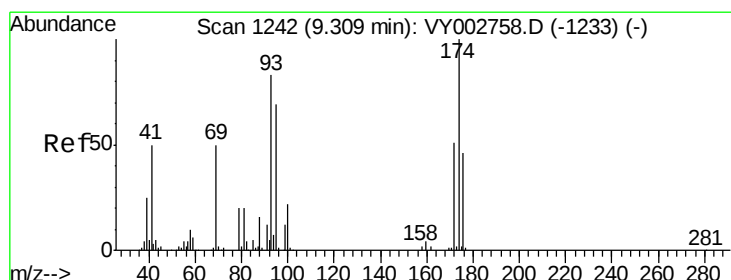
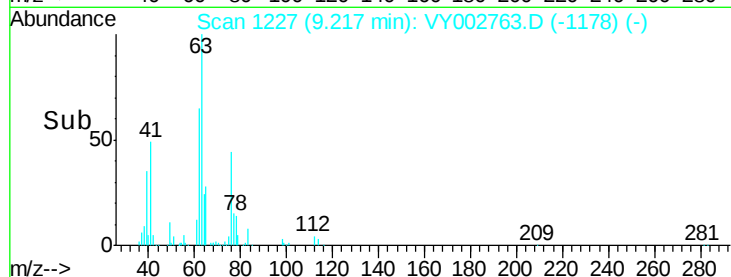
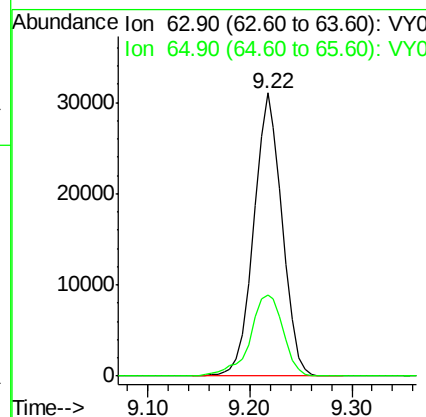
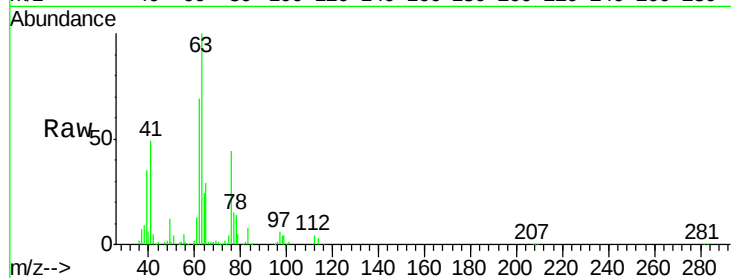
#45
 1,2-Dichloropropane
 Concen: 20.981 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. -0.00 min
 Lab File: VY002763.D
 Acq: 27 May 2020 14:51

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0527SBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	28.7	24.8	37.2

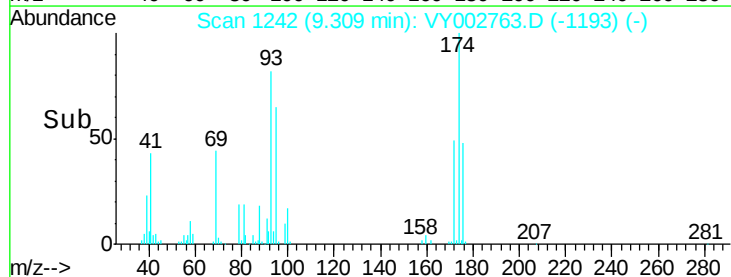
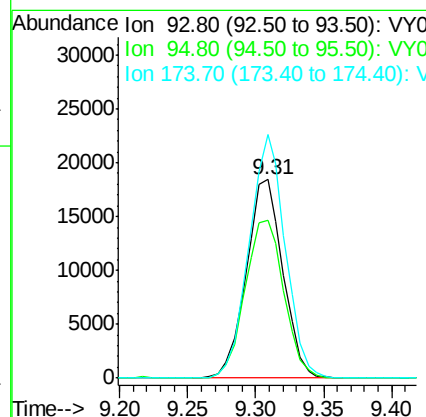
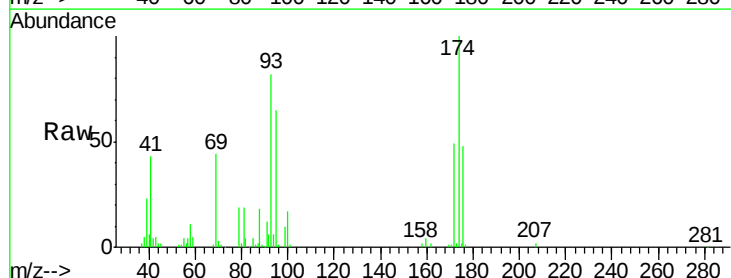
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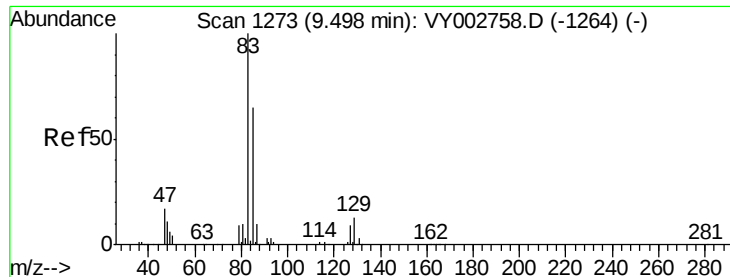
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#46
 Dibromomethane
 Concen: 20.466 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.00 min
 Lab File: VY002763.D
 Acq: 27 May 2020 14:51

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.8	66.9	100.3
174	120.6	97.7	146.5





#47

Bromodichloromethane

Concen: 20.318 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.00 min

Lab File: VY002763.D

Acq: 27 May 2020 14:51

Instrument :

MSVOA_Y

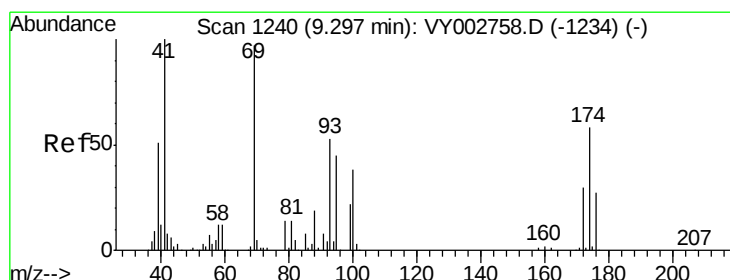
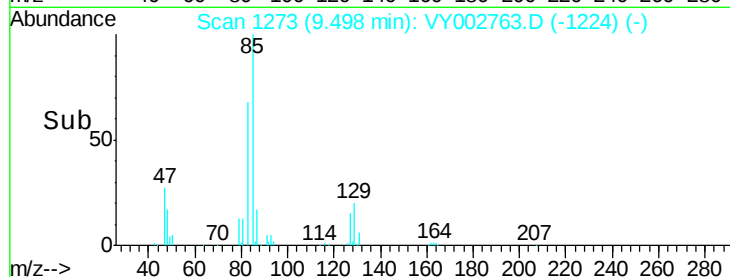
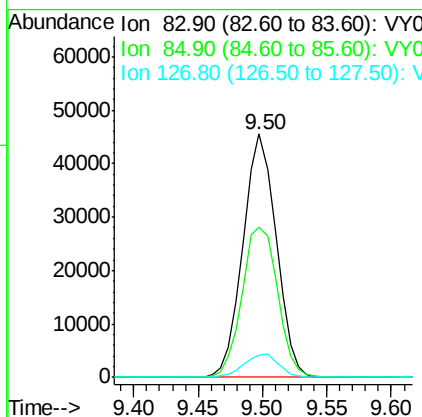
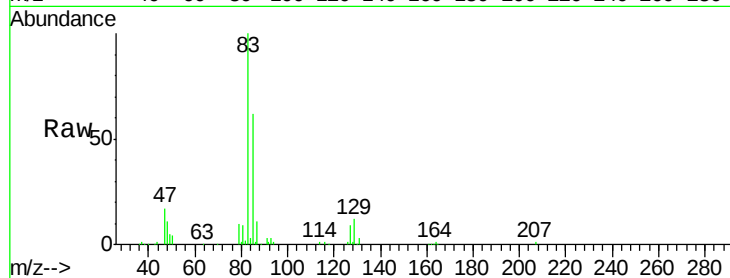
ClientSampleId :

VY0527SBS01

Tot Ion:	83	Resp:	81462
Ion	Ratio	Lower	Upper
83	100		
85	61.6	51.9	77.9
127	9.3	7.1	10.7

Manual Integrations
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#48

Methyl methacrylate

Concen: 20.186 ug/l

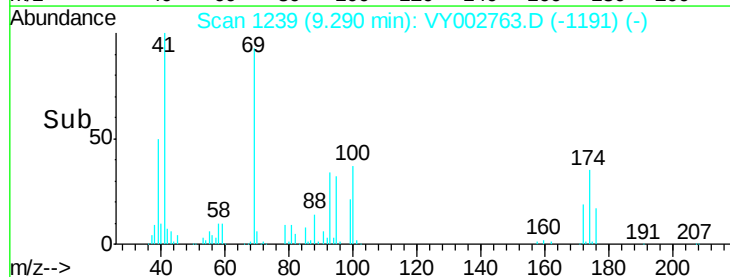
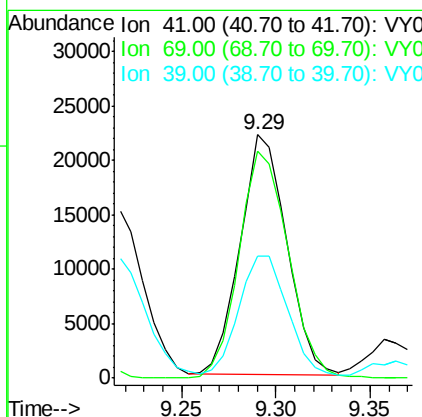
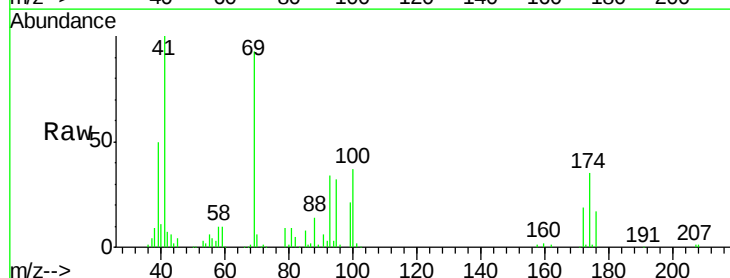
RT: 9.29 min Scan# 1239

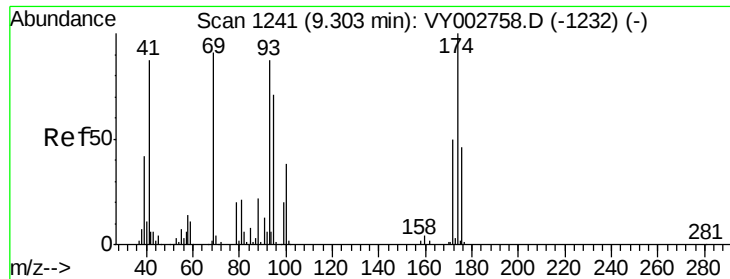
Delta R.T. -0.01 min

Lab File: VY002763.D

Acq: 27 May 2020 14:51

Tgt Ion:	41	Resp:	37970
Ion	Ratio	Lower	Upper
41	100		
69	99.8	79.7	119.5
39	51.7	43.3	64.9





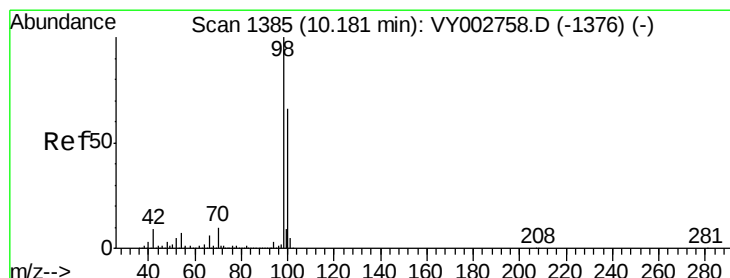
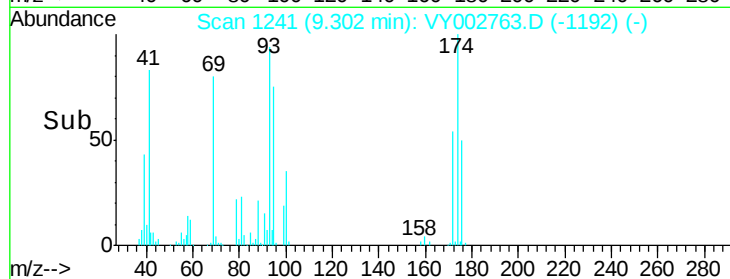
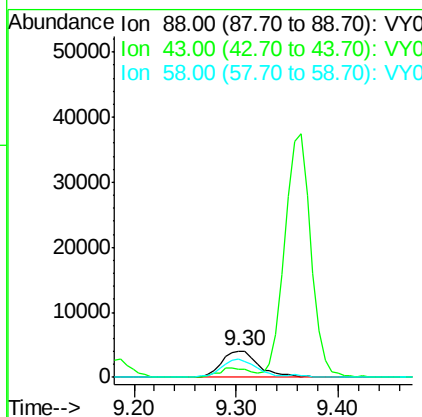
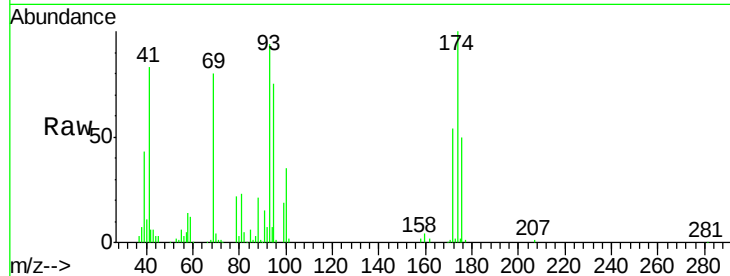
#49
1,4-Dioxane
Concen: 394.432 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VY002763.D
Acq: 27 May 2020 14:51

Instrument :
MSVOA_Y
ClientSampleId :
VY0527SBS01

Tot Ion	88	Resp	10300
Ion Ratio	Lower	Upper	
88	100		
43	29.7	21.3	31.9
58	64.6	52.2	78.2

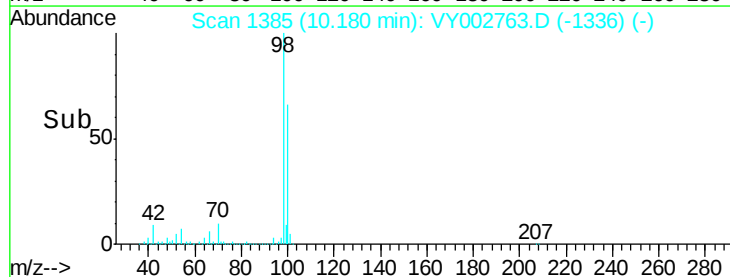
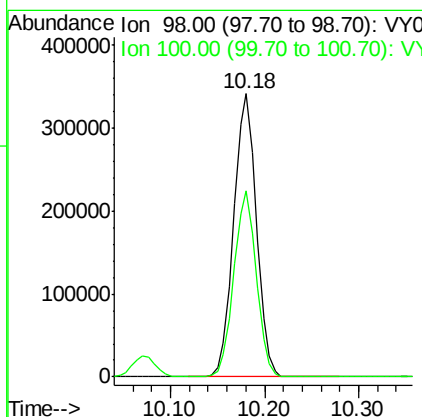
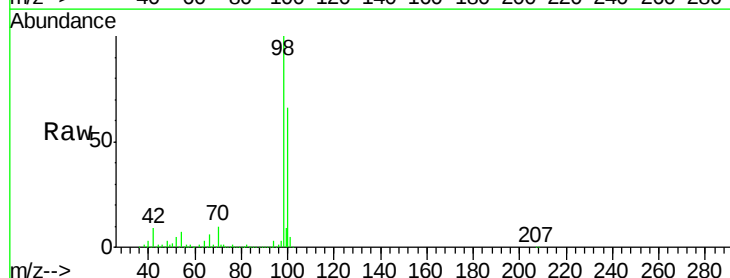
Manual Integrations
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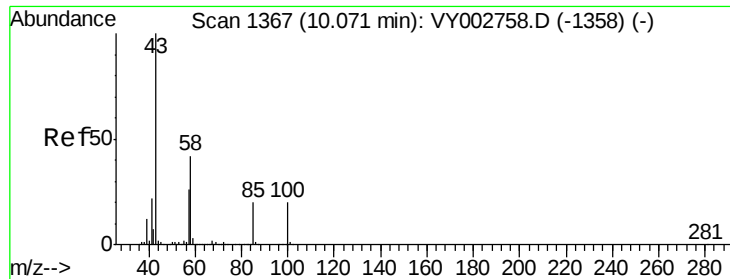
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#50
Toluene-d8
Concen: 50.088 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY002763.D
Acq: 27 May 2020 14:51

Tgt Ion	98	Resp	569408
Ion Ratio	Lower	Upper	
98	100		
100	65.0	52.2	78.2





#51

4-Methyl-2-Pentanone

Concen: 101.310 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. -0.00 min

Lab File: VY002763.D

Acq: 27 May 2020 14:51

Instrument :

MSVOA_Y

ClientSampleId :

VY0527SBS01

Tot Ion: 43 Resp: 223528

Ion Ratio Lower Upper

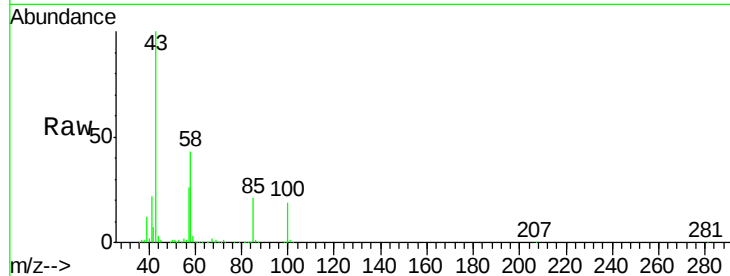
43 100

58 42.5 34.2 51.2

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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

150000

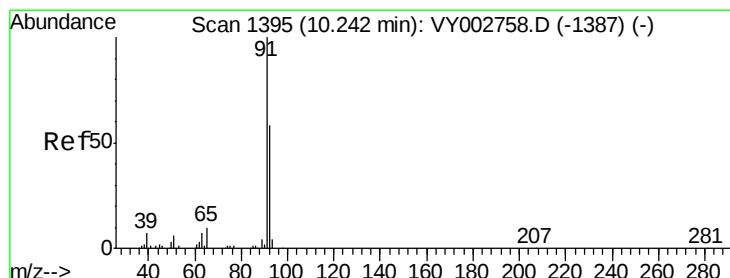
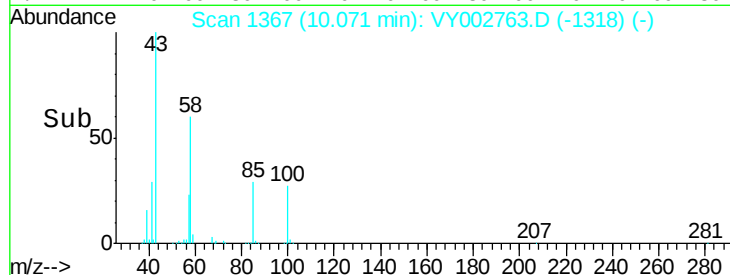
10.07

100000

50000

0

Time-->



#52

Toluene

Concen: 20.600 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. -0.00 min

Lab File: VY002763.D

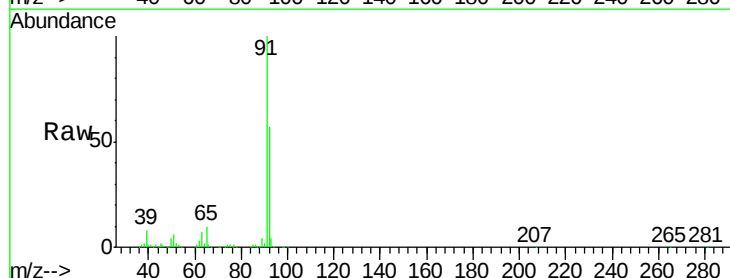
Acq: 27 May 2020 14:51

Tgt Ion: 92 Resp: 160923

Ion Ratio Lower Upper

92 100

91 174.6 138.5 207.7



Abundance Ion 92.00 (91.70 to 92.70): VY0

Ion 91.00 (90.70 to 91.70): VY0

150000

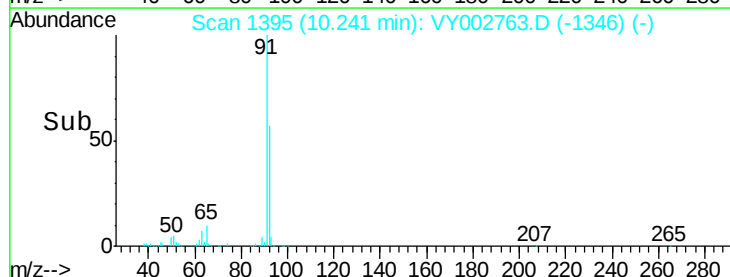
10.24

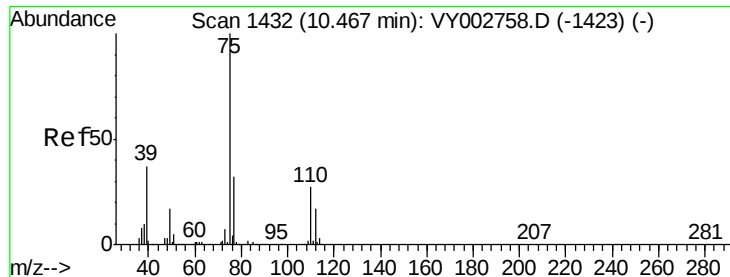
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 20.571 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VY002763.D

Acq: 27 May 2020 14:51

Instrument :

MSVOA_Y

ClientSampleId :

VY0527SBS01

Tot Ion: 75 Resp: 90085

Ion Ratio Lower Upper

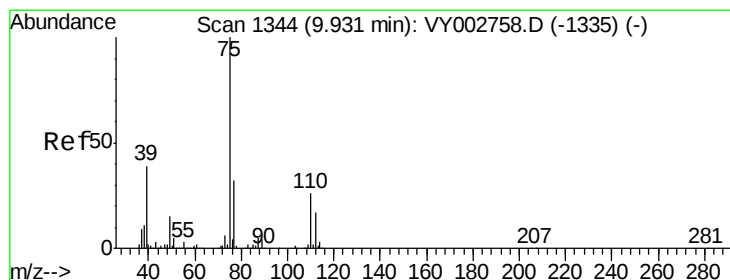
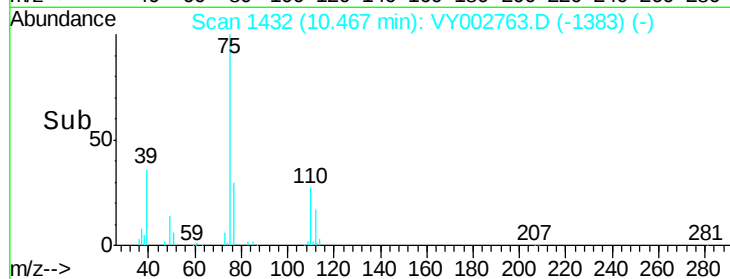
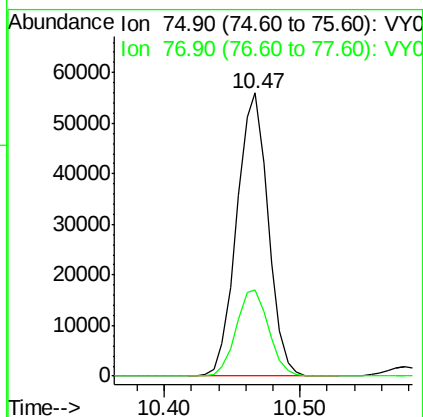
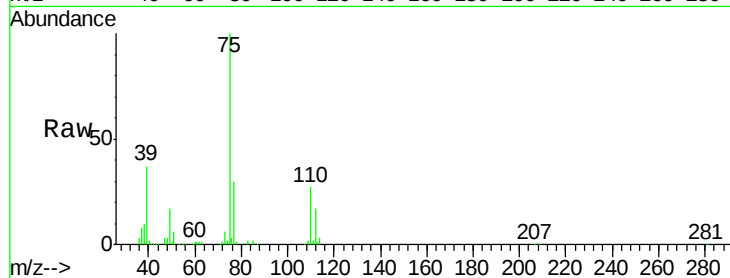
75 100

77 30.5 25.3 37.9

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#54

cis-1,3-Dichloropropene

Concen: 20.739 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.00 min

Lab File: VY002763.D

Acq: 27 May 2020 14:51

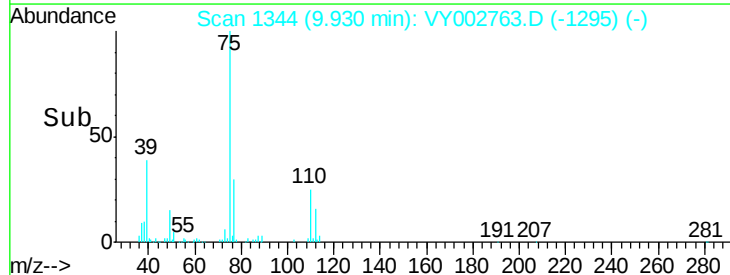
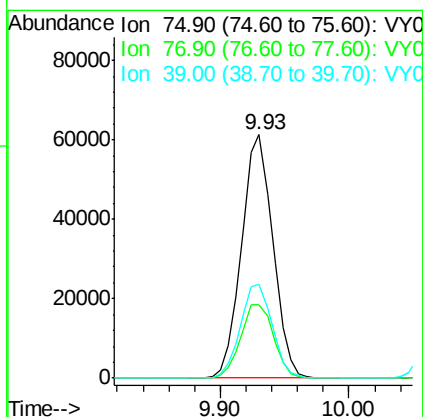
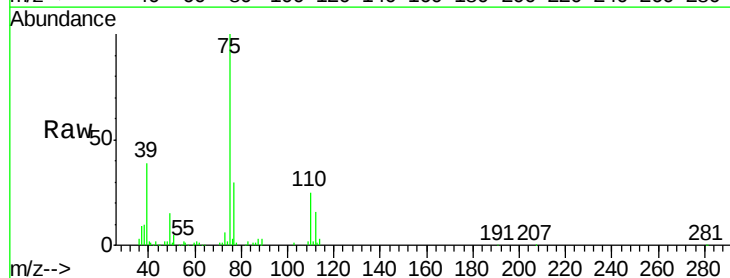
Tgt Ion: 75 Resp: 102910

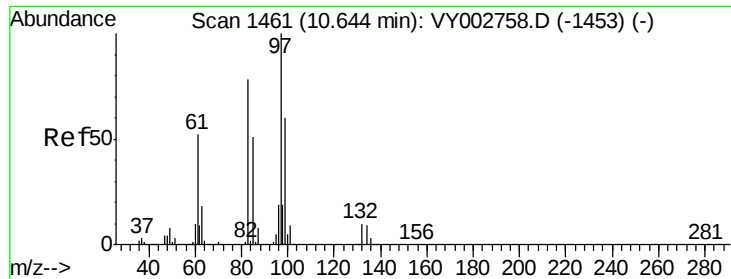
Ion Ratio Lower Upper

75 100

77 30.2 25.6 38.4

39 38.7 31.3 46.9





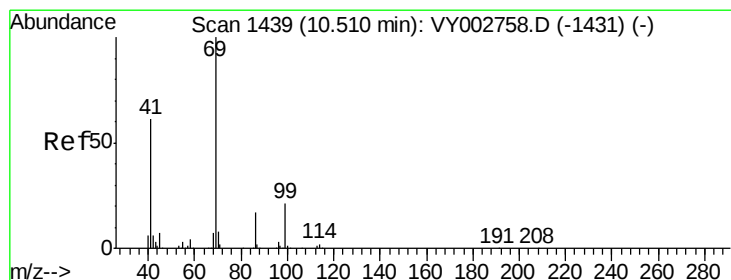
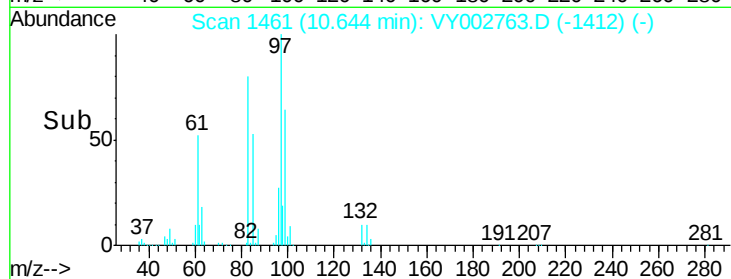
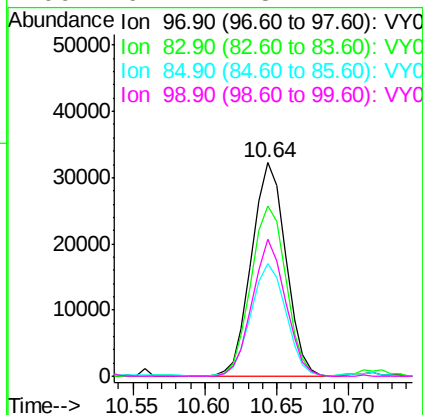
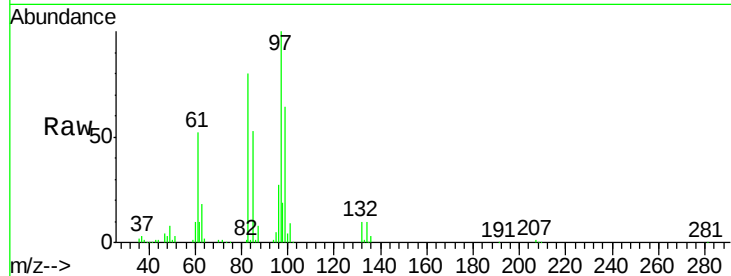
#55
 1,1,2-Trichloroethane
 Concen: 20.477 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.00 min
 Lab File: VY002763.D
 Acq: 27 May 2020 14:51

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0527SBS01

Tot Ion:	97	Resp:	53317
Ion	Ratio	Lower	Upper
97	100		
83	79.6	62.7	94.1
85	52.6	40.6	60.8
99	64.4	48.2	72.4

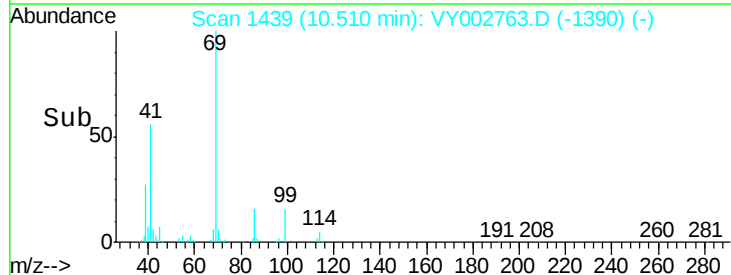
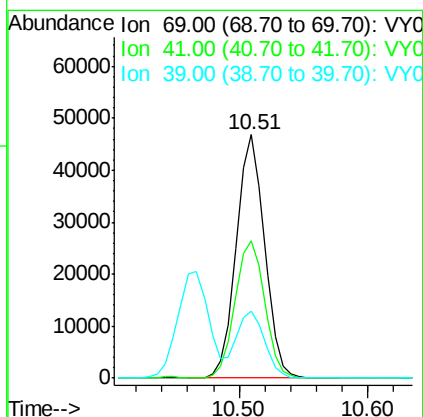
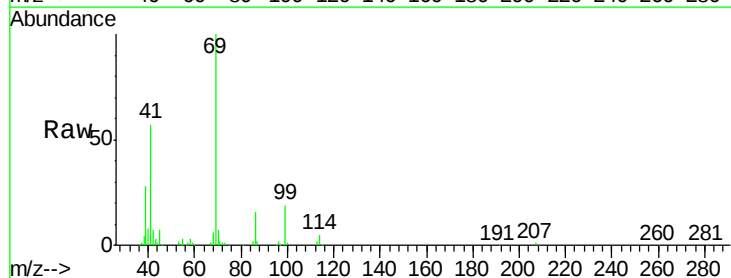
Manual Integrations
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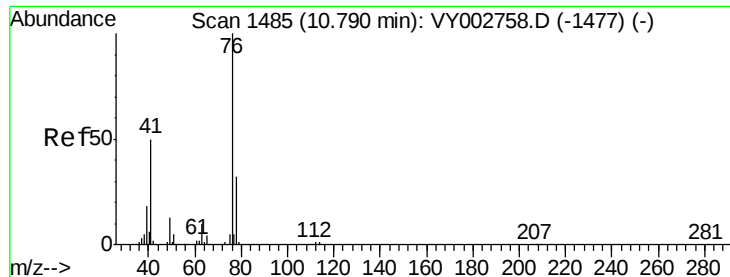
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#56
 Ethyl methacrylate
 Concen: 20.469 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: VY002763.D
 Acq: 27 May 2020 14:51

Tgt Ion:	69	Resp:	71385
Ion	Ratio	Lower	Upper
69	100		
41	59.5	47.0	70.4
39	28.5	22.0	33.0





#57

1,3-Dichloropropane

Concen: 20.435 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. -0.00 min

Lab File: VY002763.D

Acq: 27 May 2020 14:51

Instrument :

MSVOA_Y

ClientSampleId :

VY0527SBS01

Tot Ion: 76 Resp: 87512

Ion Ratio Lower Upper

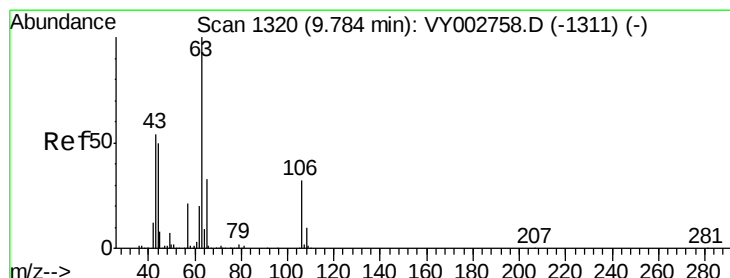
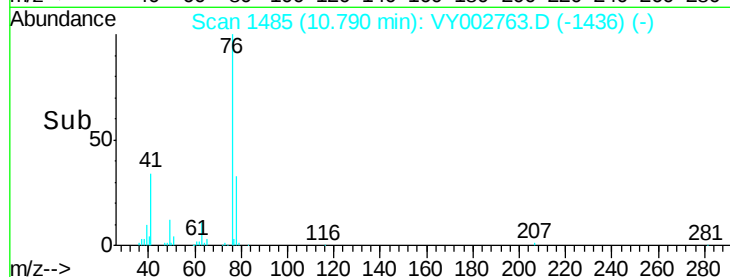
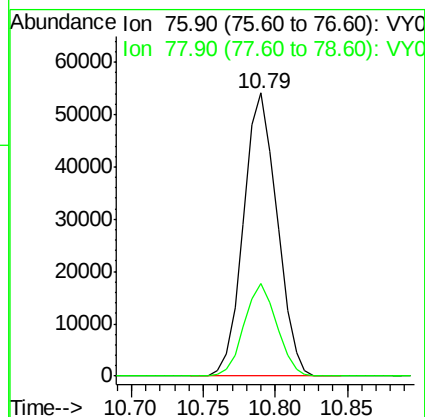
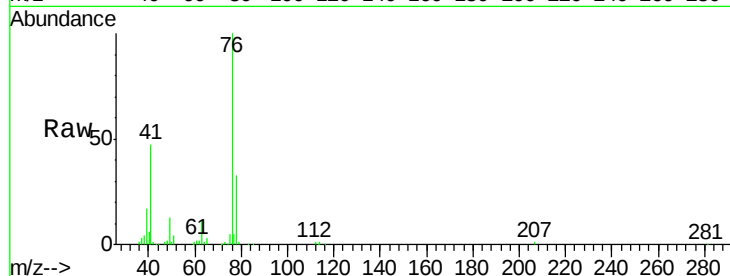
76 100

78 31.9 26.1 39.1

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#58

2-Chloroethyl Vinyl ether

Concen: 103.948 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. -0.00 min

Lab File: VY002763.D

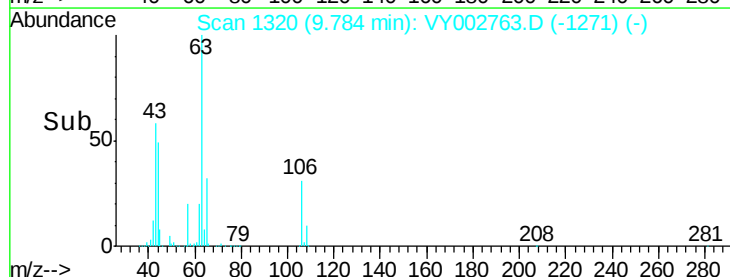
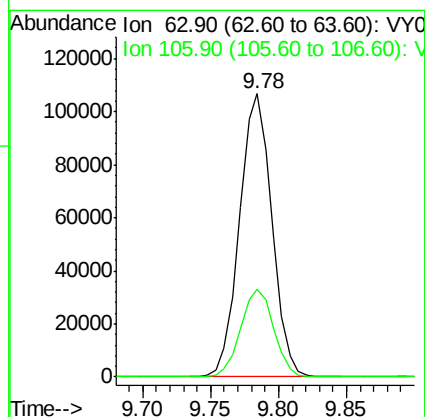
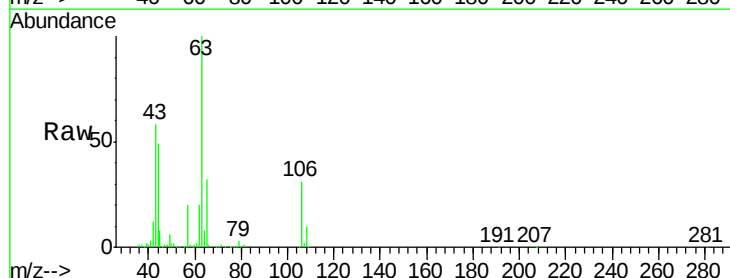
Acq: 27 May 2020 14:51

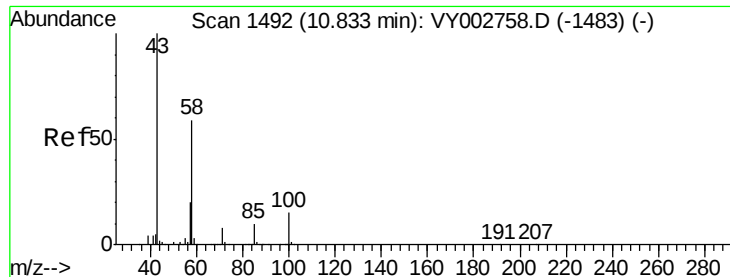
Tgt Ion: 63 Resp: 177132

Ion Ratio Lower Upper

63 100

106 31.6 25.4 38.2





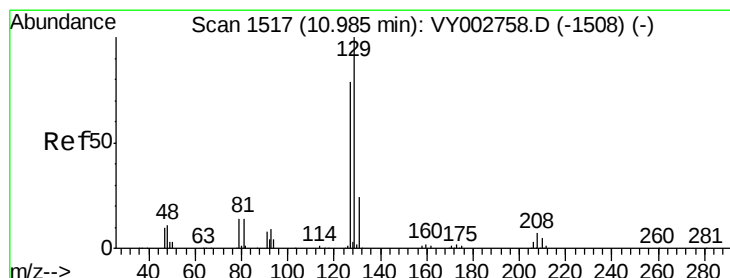
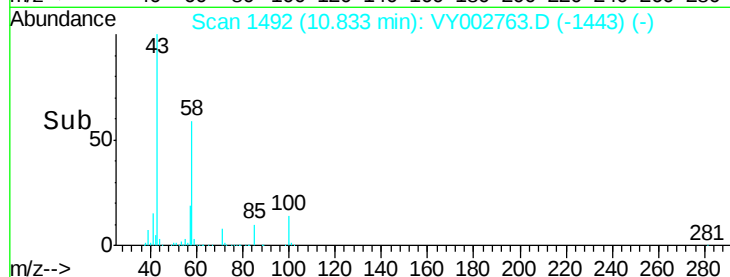
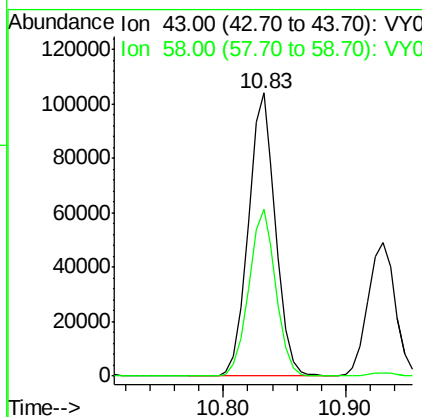
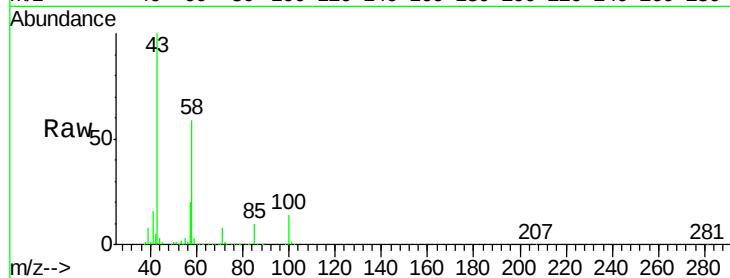
#59
2-Hexanone
Concen: 102.023 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY002763.D
Acq: 27 May 2020 14:51

Instrument :
MSVOA_Y
ClientSampleId :
VY0527SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	58.8	29.5	88.5

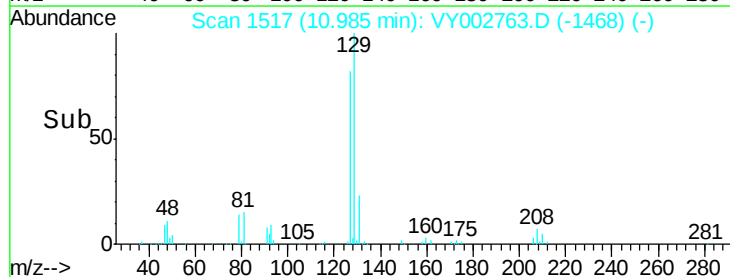
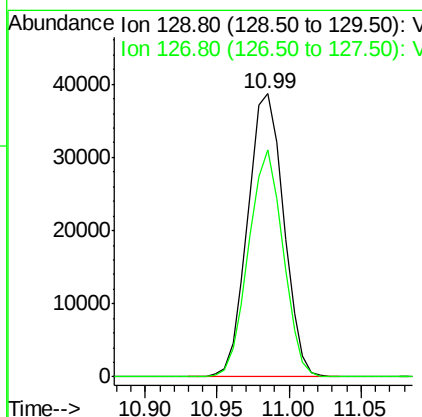
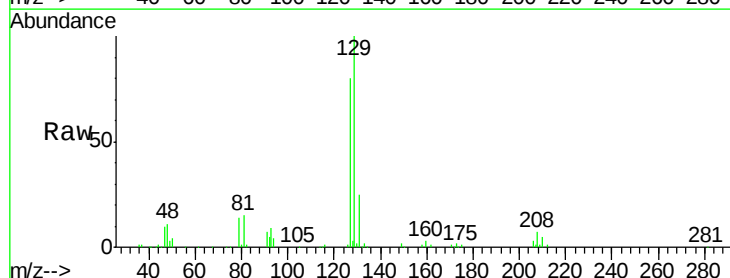
Manual Integrations
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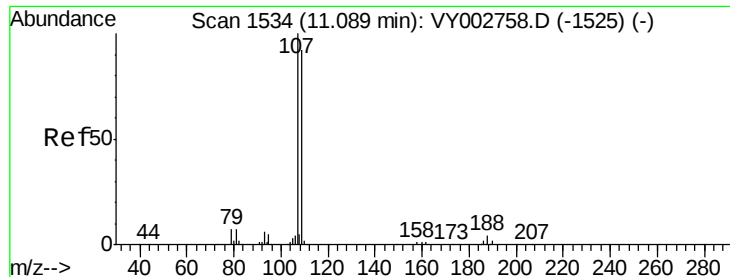
MMDadoda
5/28/2020 2:08:47 PM



#60
Dibromochloromethane
Concen: 20.286 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY002763.D
Acq: 27 May 2020 14:51

Tgt Ion	Ratio	Lower	Upper
129	100		
127	76.9	38.5	115.3





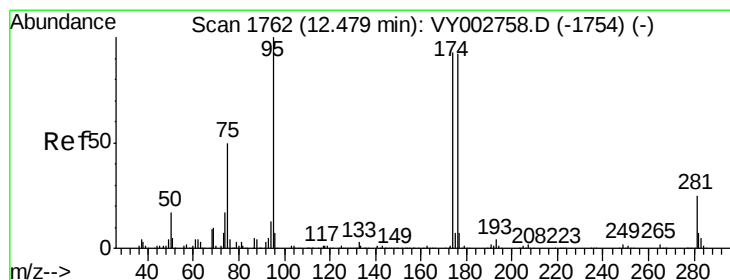
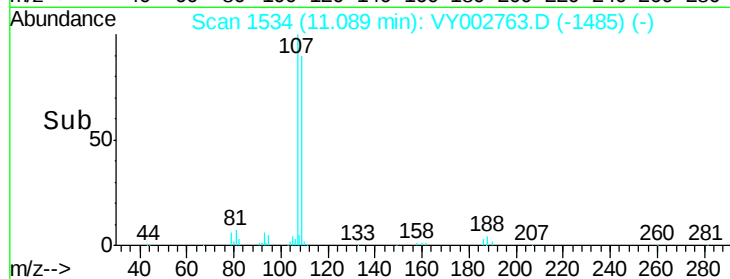
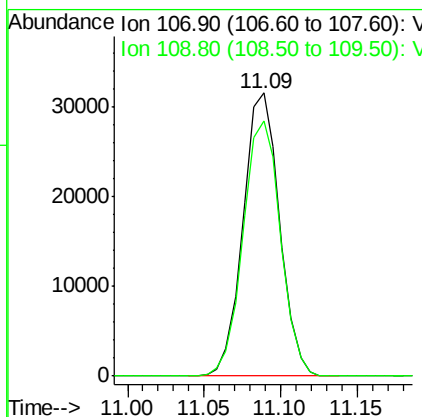
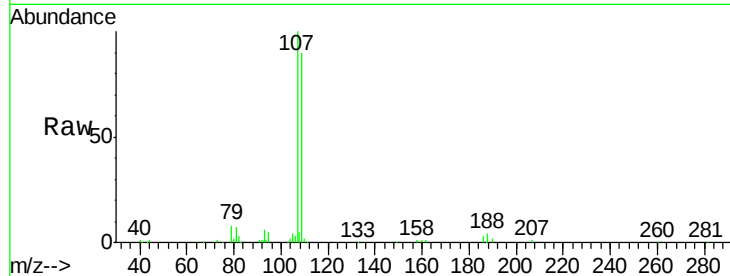
#61
 1,2-Dibromoethane
 Concen: 20.378 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VY002763.D
 Acq: 27 May 2020 14:51

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0527SBS01

Tot Ion:107 Resp: 52338
 Ion Ratio Lower Upper
 107 100
 109 92.7 75.6 113.4

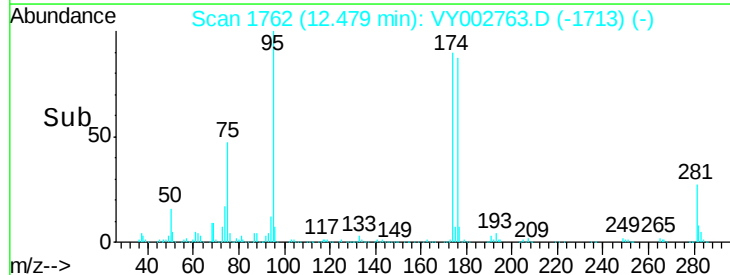
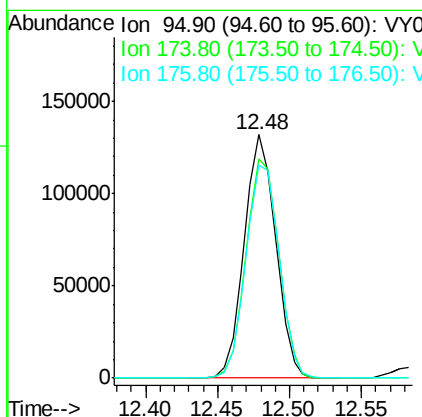
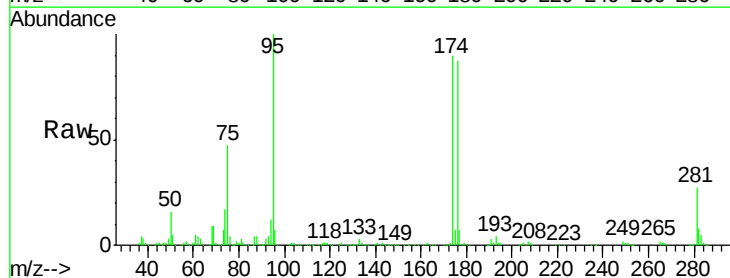
Manual Integrations
 APPROVED

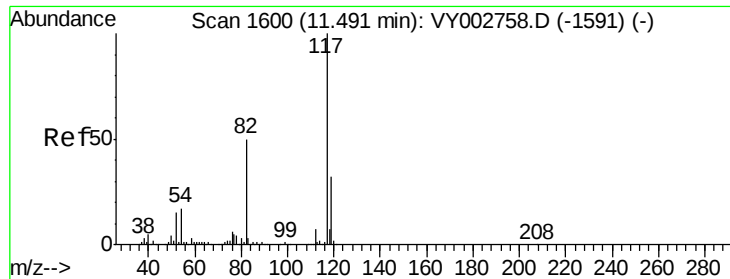
MMDadoda
 5/28/2020 2:08:47 PM



#62
 4-Bromofluorobenzene
 Concen: 51.384 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VY002763.D
 Acq: 27 May 2020 14:51

Tgt Ion: 95 Resp: 199630
 Ion Ratio Lower Upper
 95 100
 174 93.7 0.0 191.2
 176 92.0 0.0 188.8





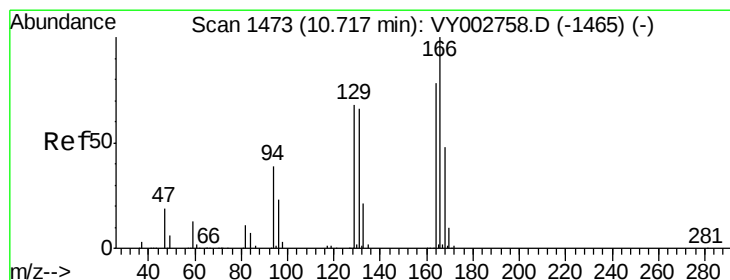
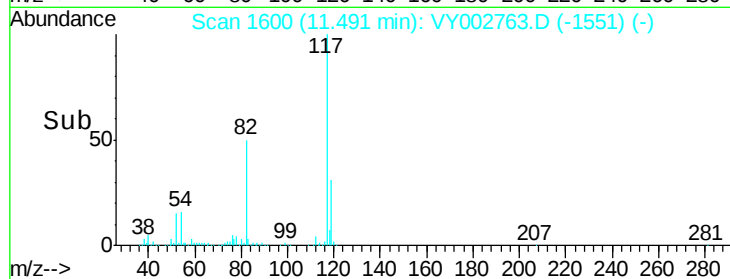
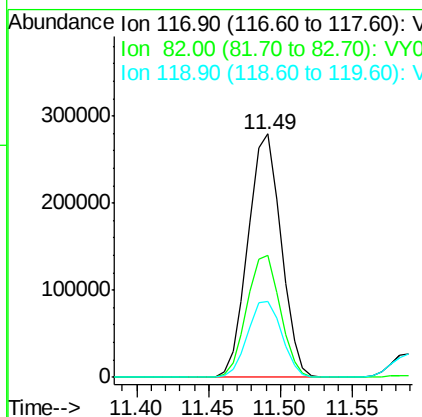
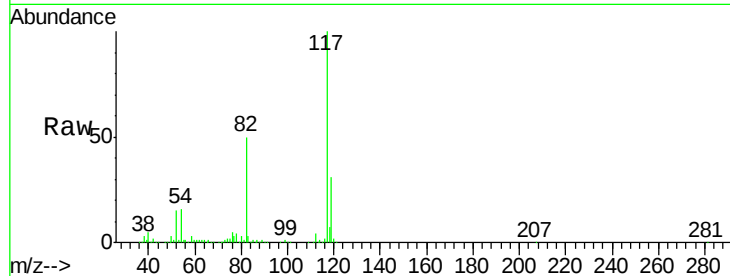
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY002763.D
Acq: 27 May 2020 14:51

Instrument :
MSVOA_Y
ClientSampleId :
VY0527SBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	445161		
82	50.3		40.2	60.4
119	31.4		25.8	38.8

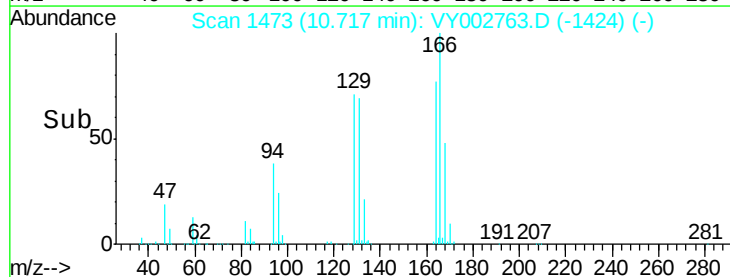
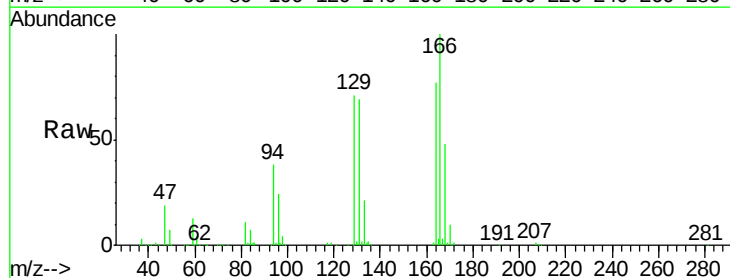
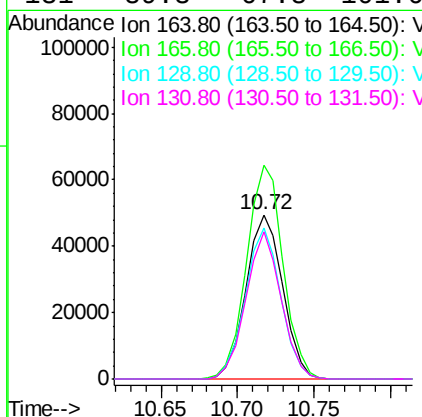
Manual Integrations
APPROVED

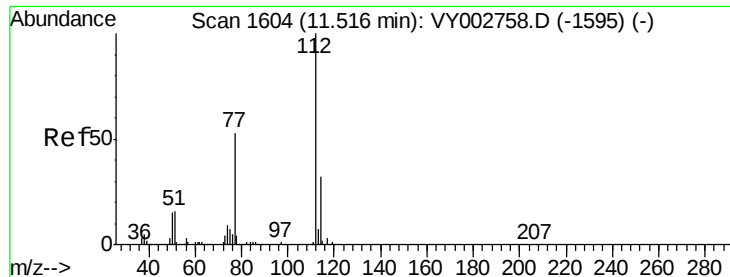
MMDadoda
5/28/2020 2:08:47 PM



#64
Tetrachloroethene
Concen: 20.420 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY002763.D
Acq: 27 May 2020 14:51

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	82616		
166	130.1		102.3	153.5
129	91.9		69.4	104.2
131	89.3		67.8	101.6





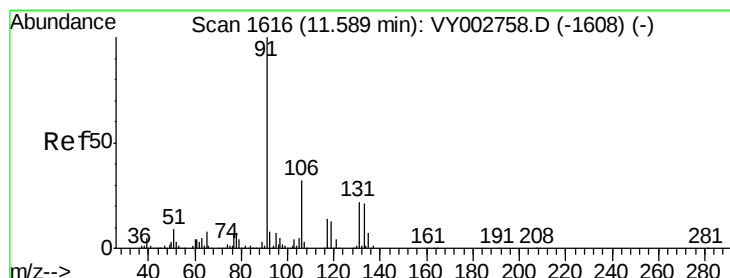
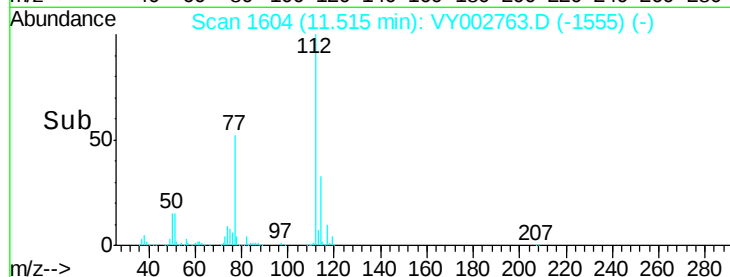
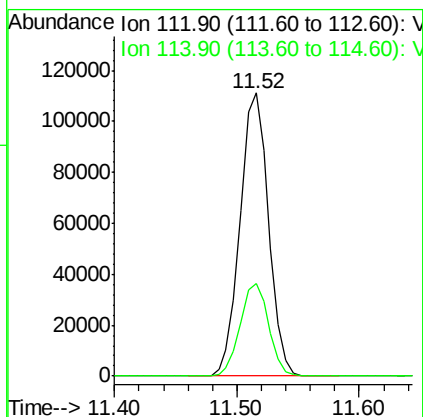
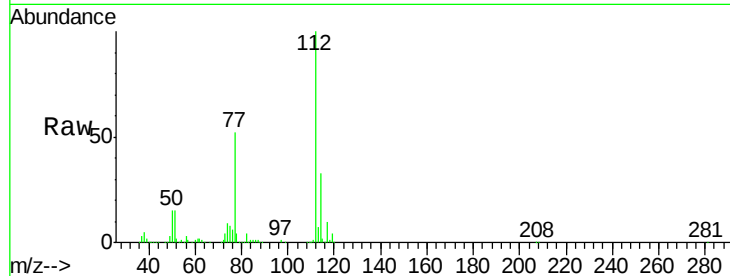
#65
Chlorobenzene
Concen: 20.359 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY002763.D
Acq: 27 May 2020 14:51

Instrument :
MSVOA_Y
ClientSampleId :
VY0527SBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.6	25.7	38.5

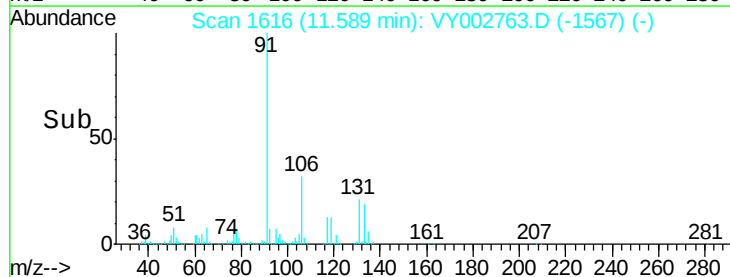
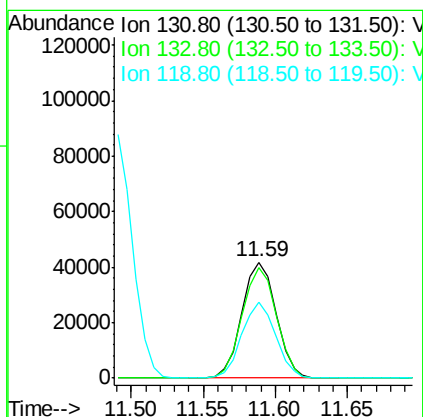
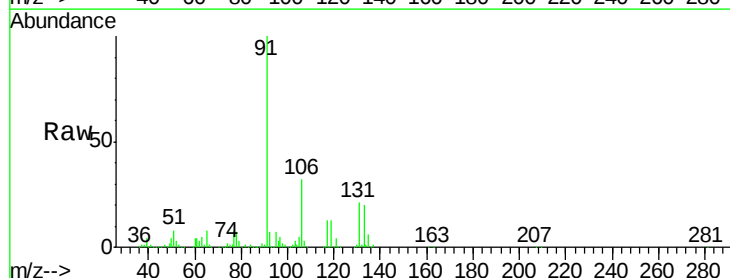
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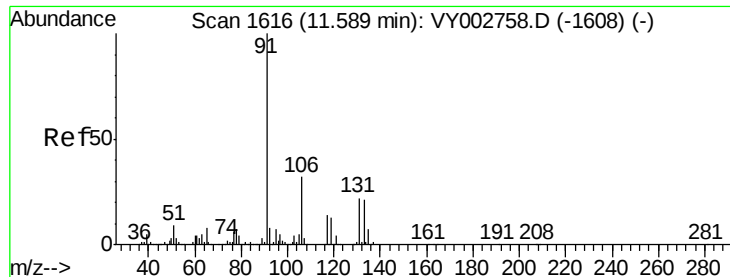
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.644 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY002763.D
Acq: 27 May 2020 14:51

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.3	47.6	142.8
119	64.4	31.7	95.1





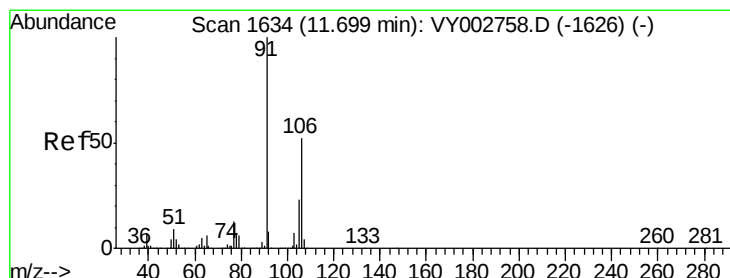
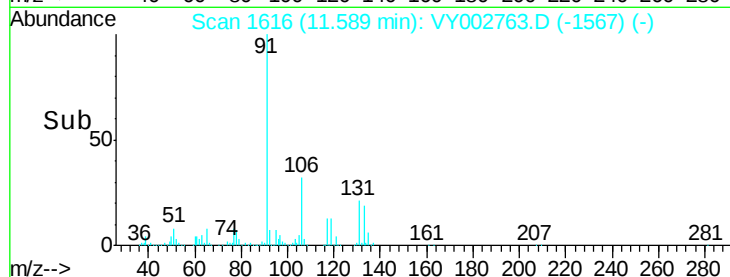
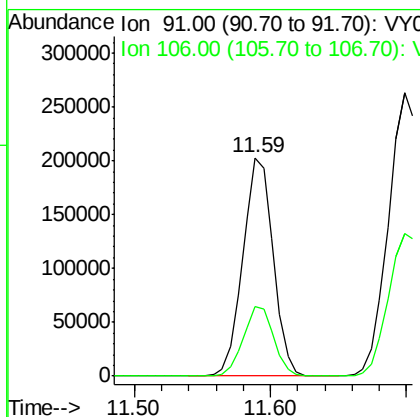
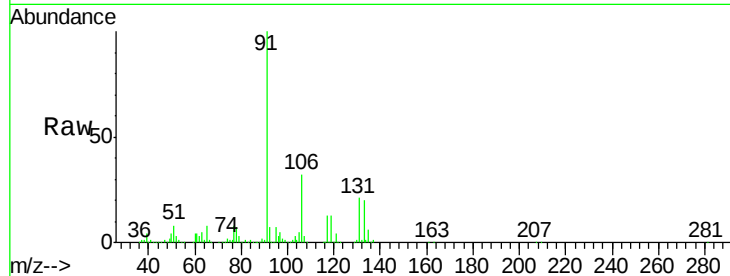
#67
Ethyl Benzene
Concen: 20.717 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY002763.D
Acq: 27 May 2020 14:51

Instrument :
MSVOA_Y
ClientSampleId :
VY0527SBS01

Tot Ion: 91 Resp: 316005
Ion Ratio Lower Upper
91 100
106 31.7 25.7 38.5

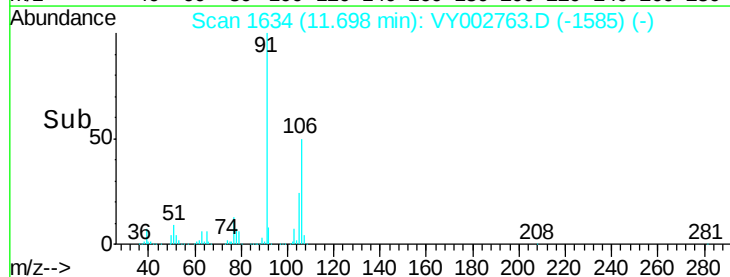
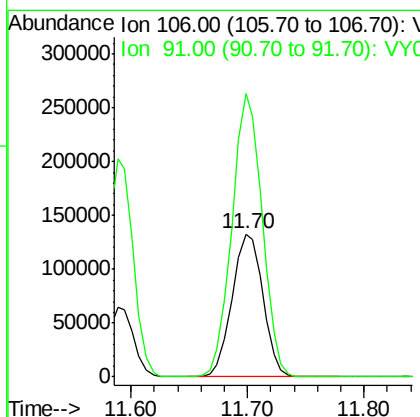
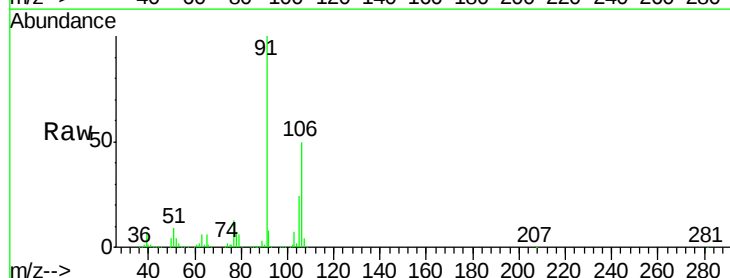
Manual Integrations
APPROVED

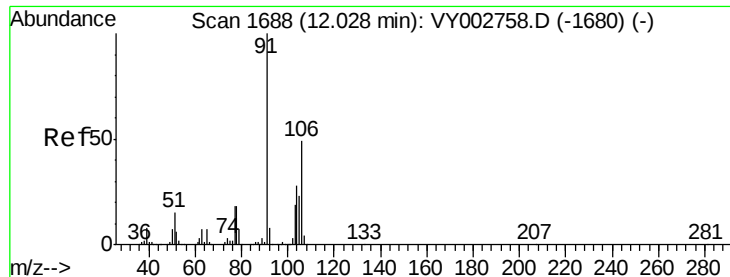
MMDadoda
5/28/2020 2:08:47 PM



#68
m/p-Xylenes
Concen: 41.392 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VY002763.D
Acq: 27 May 2020 14:51

Tgt Ion: 106 Resp: 244794
Ion Ratio Lower Upper
106 100
91 194.1 156.0 234.0





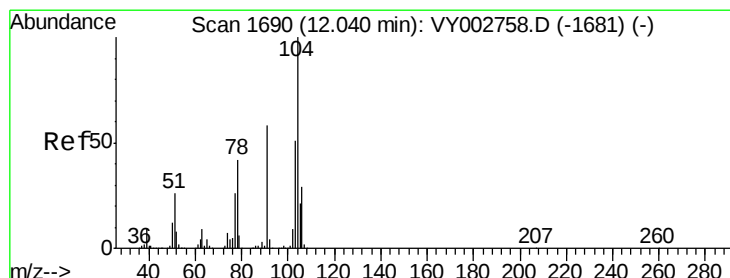
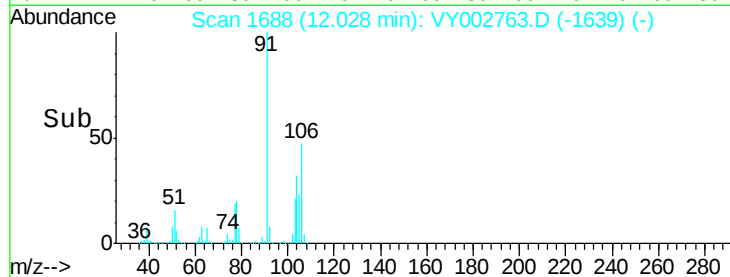
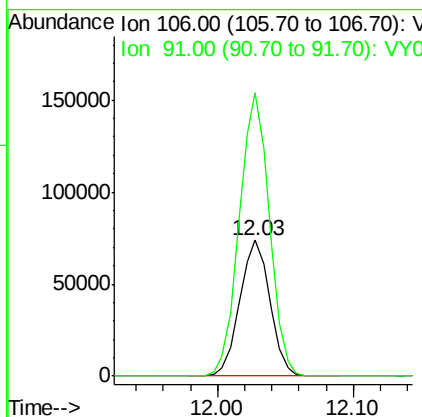
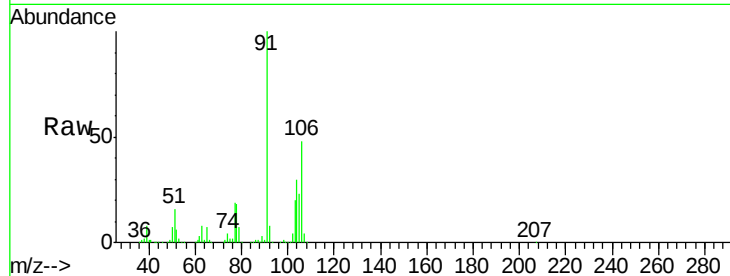
#69
o-Xylene
Concen: 20.478 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY002763.D
Acq: 27 May 2020 14:51

Instrument :
MSVOA_Y
ClientSampleId :
VY0527SBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	106	100	114330		
91	91	207.3	102.4	307.1	

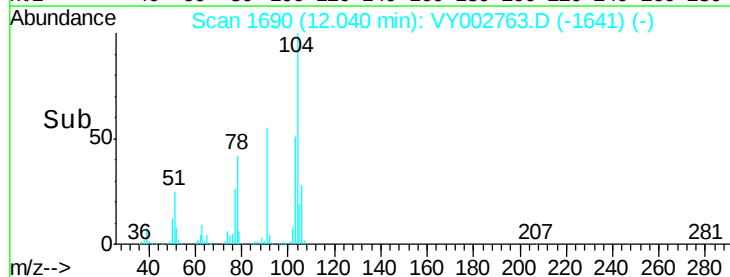
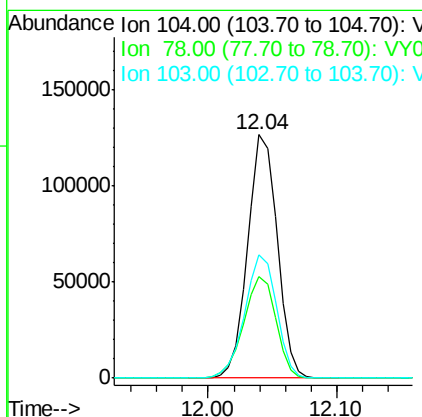
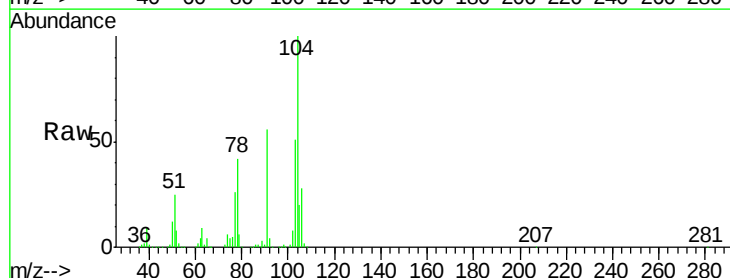
Manual Integrations
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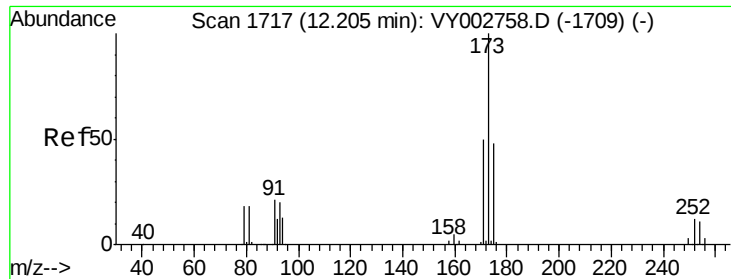
MMDadoda
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#70
Styrene
Concen: 20.668 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VY002763.D
Acq: 27 May 2020 14:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	104	100	200036		
78	78	45.7	36.2	54.4	
103	103	54.8	43.6	65.4	





#71

Bromoform

Concen: 20.661 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VY002763.D

Acq: 27 May 2020 14:51

Instrument :

MSVOA_Y

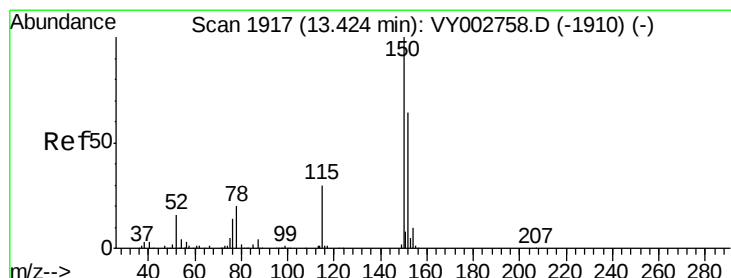
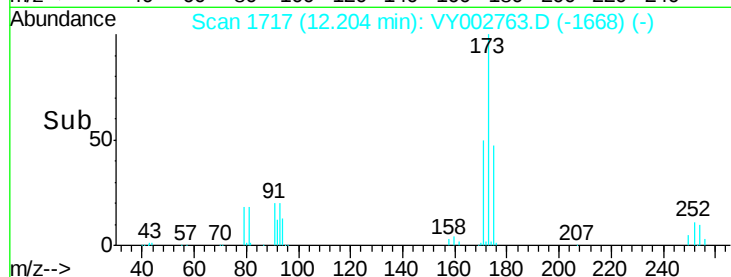
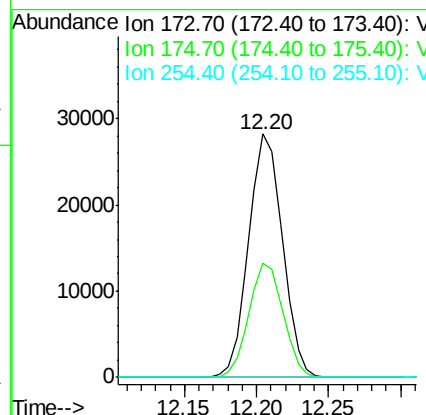
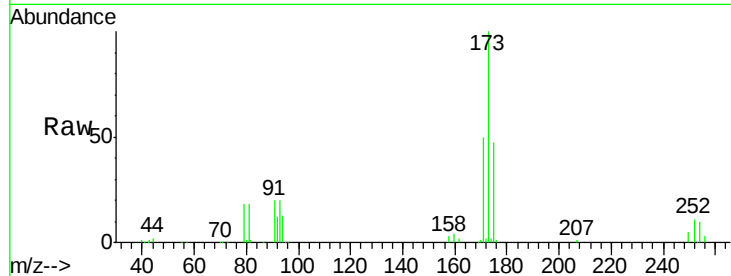
ClientSampleId :

VY0527SBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.5	24.3	72.8
254	0.0	0.1	0.1#

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

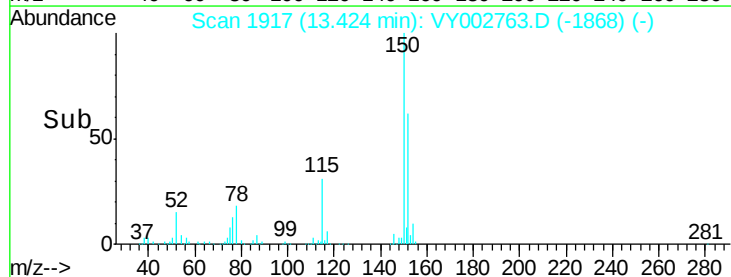
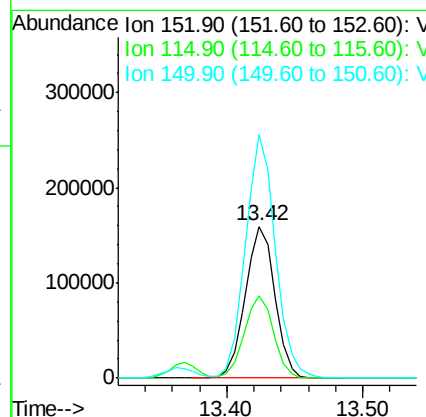
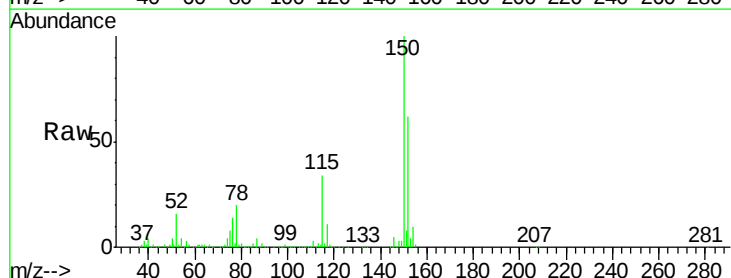
RT: 13.42 min Scan# 1917

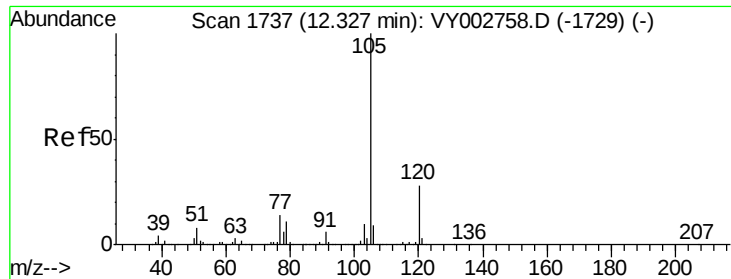
Delta R.T. -0.00 min

Lab File: VY002763.D

Acq: 27 May 2020 14:51

Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.6	27.0	81.0
150	163.2	0.0	344.8





#73

Isopropylbenzene

Concen: 20.489 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY002763.D

Acq: 27 May 2020 14:51

Instrument :

MSVOA_Y

ClientSampleId :

VY0527SBS01

Tot Ion:105 Resp: 315978

Ion Ratio Lower Upper

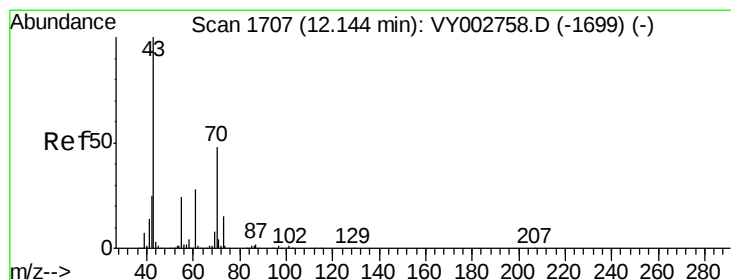
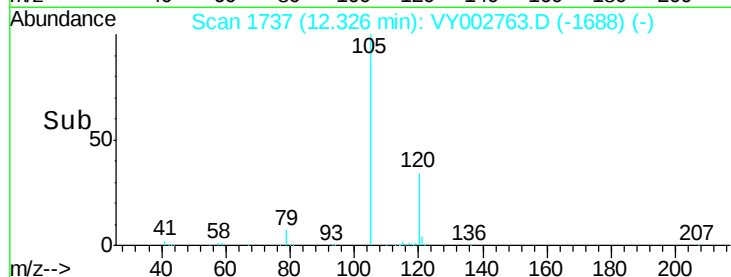
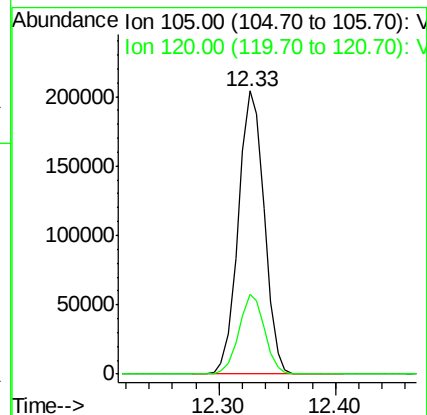
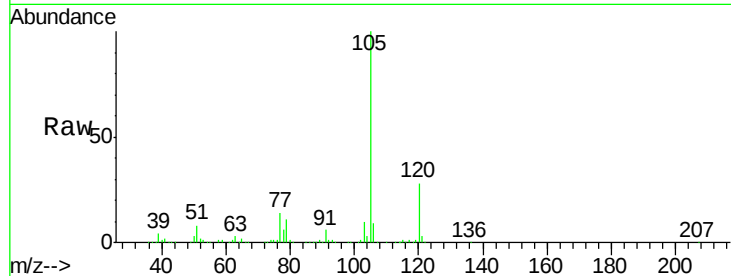
105 100

120 27.7 13.7 41.1

Manual Integrations
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#74

N-ethyl acetate

Concen: 20.374 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VY002763.D

Acq: 27 May 2020 14:51

Tgt Ion: 43 Resp: 80618

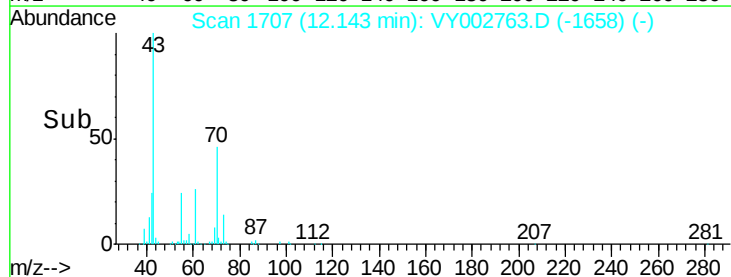
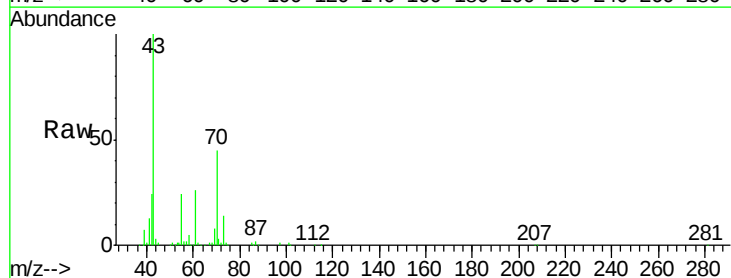
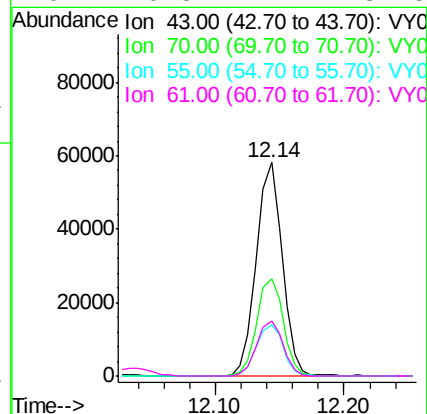
Ion Ratio Lower Upper

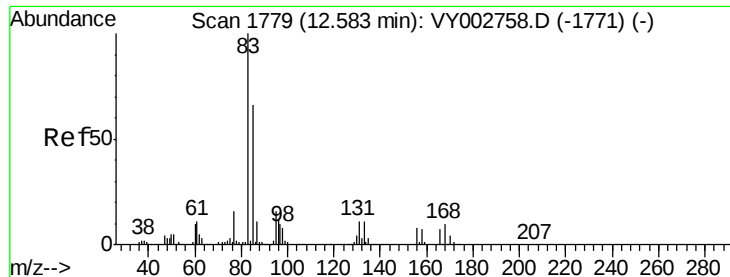
43 100

70 46.7 37.7 56.5

55 24.9 19.8 29.6

61 26.3 21.7 32.5





#75

1,1,2,2-Tetrachloroethane

Concen: 20.505 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY002763.D

Acq: 27 May 2020 14:51

Instrument :

MSVOA_Y

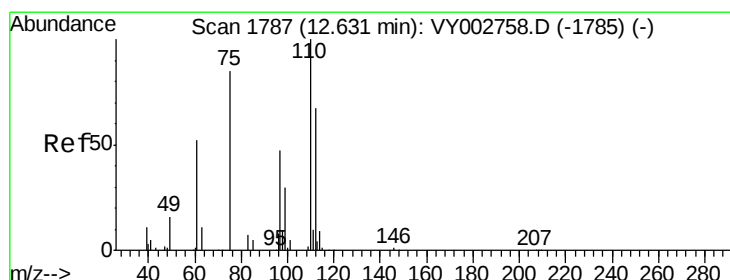
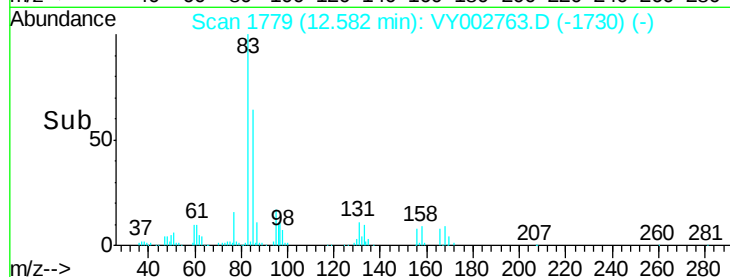
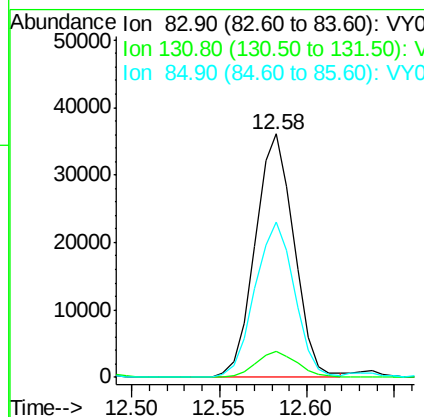
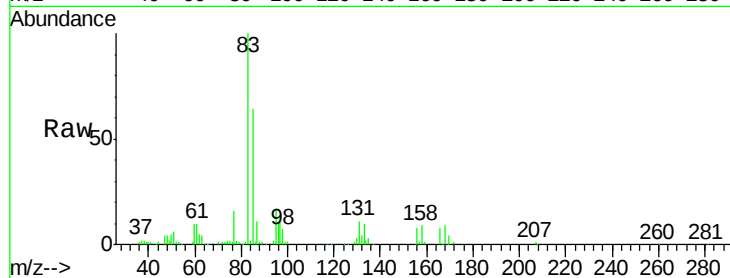
ClientSampleId :

VY0527SBS01

Tot Ion:	83	Resp:	55484
Ion Ratio	Lower	Upper	
83	100		
131	11.8	5.8	17.4
85	65.0	32.6	98.0

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#76

1,2,3-Trichloropropane

Concen: 20.278 ug/l m

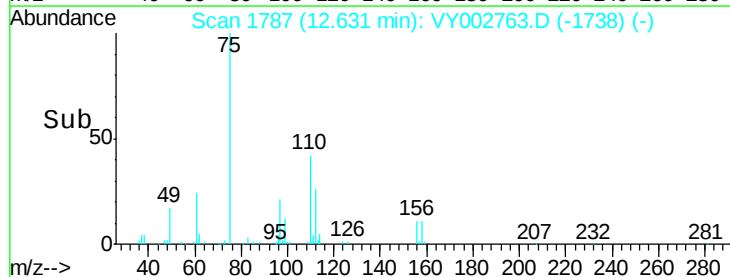
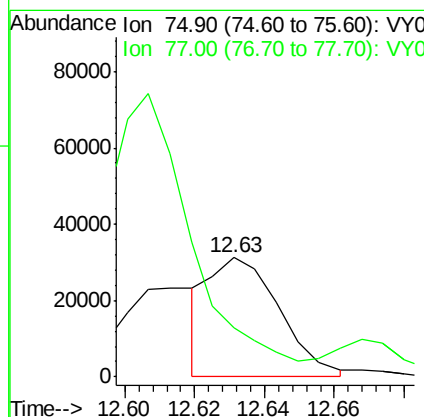
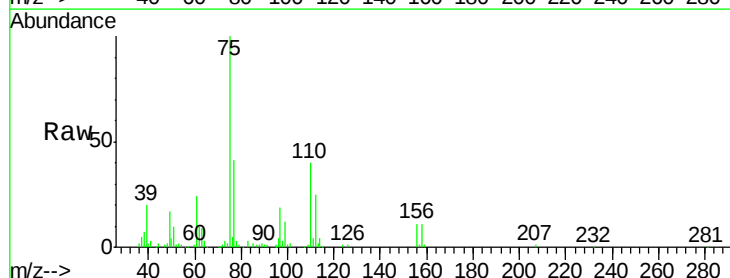
RT: 12.63 min Scan# 1787

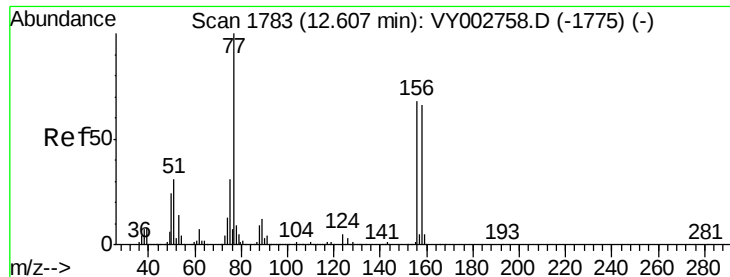
Delta R.T. -0.00 min

Lab File: VY002763.D

Acq: 27 May 2020 14:51

Tgt Ion:	75	Resp:	43970
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 20.304 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY002763.D

Acq: 27 May 2020 14:51

Instrument :

MSVOA_Y

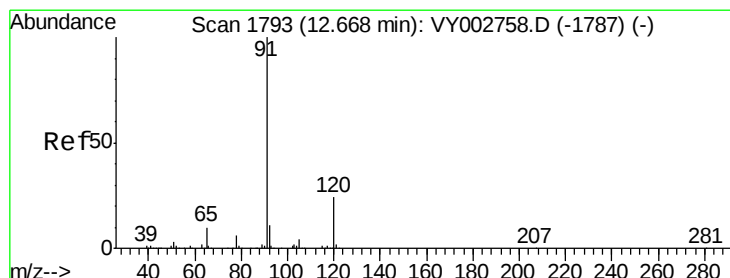
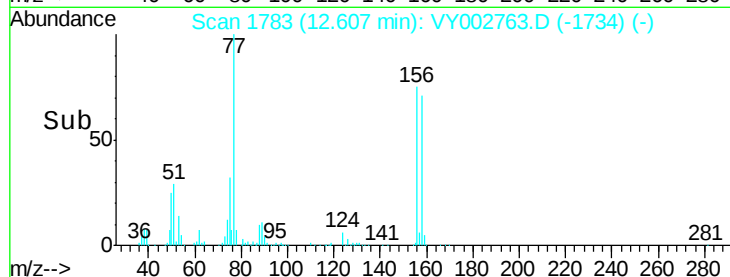
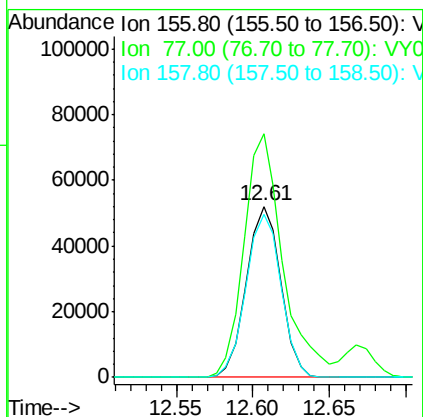
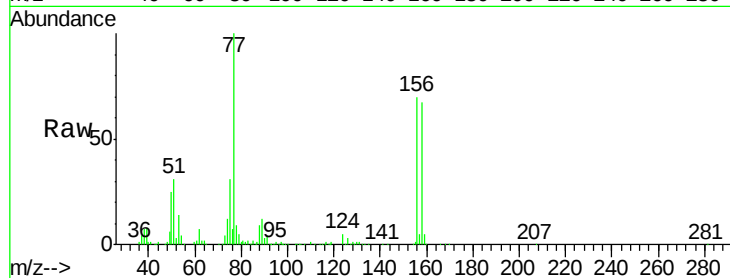
ClientSampleId :

VY0527SBS01

Tot Ion:	156	Resp:	81531
Ion	Ratio	Lower	Upper
156	100		
77	160.6	81.4	244.2
158	97.5	48.5	145.6

Manual Integrations
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#78

n-propylbenzene

Concen: 20.787 ug/l

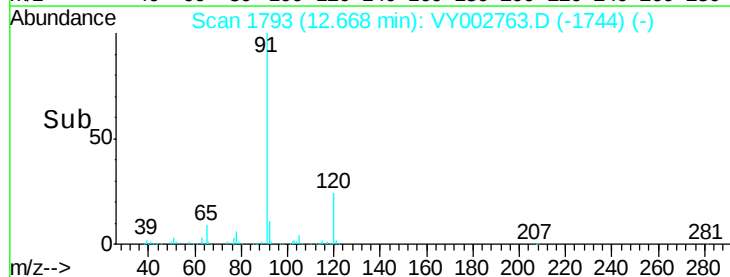
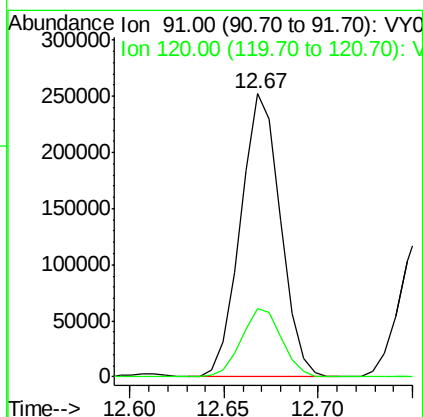
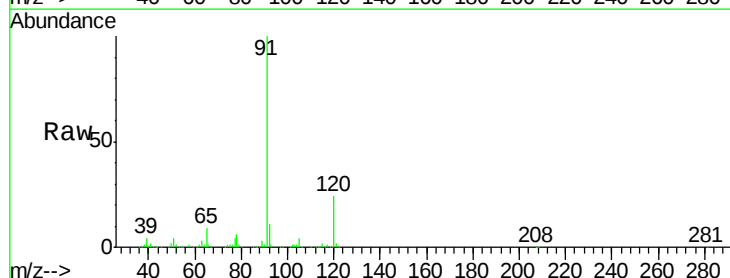
RT: 12.67 min Scan# 1793

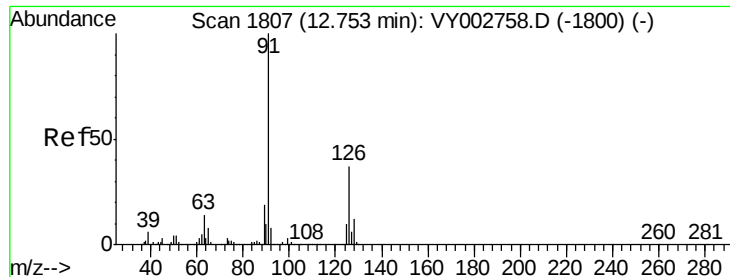
Delta R.T. -0.00 min

Lab File: VY002763.D

Acq: 27 May 2020 14:51

Tgt Ion:	91	Resp:	370292
Ion	Ratio	Lower	Upper
91	100		
120	24.6	12.3	36.9





#79

2-Chlorotoluene

Concen: 20.534 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. -0.00 min

Lab File: VY002763.D

Acq: 27 May 2020 14:51

Instrument :

MSVOA_Y

ClientSampleId :

VY0527SBS01

Tot Ion: 91 Resp: 205187

Ion Ratio Lower Upper

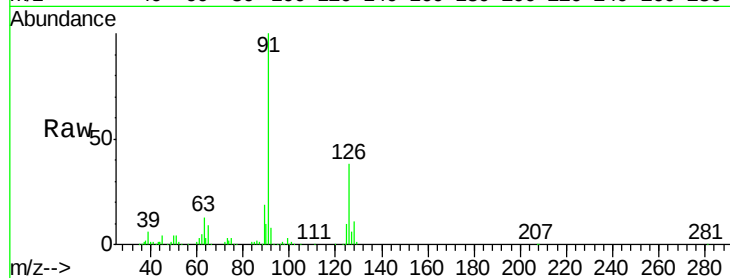
91 100

126 36.7 18.4 55.4

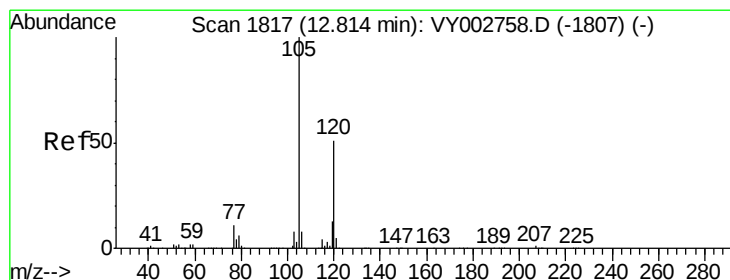
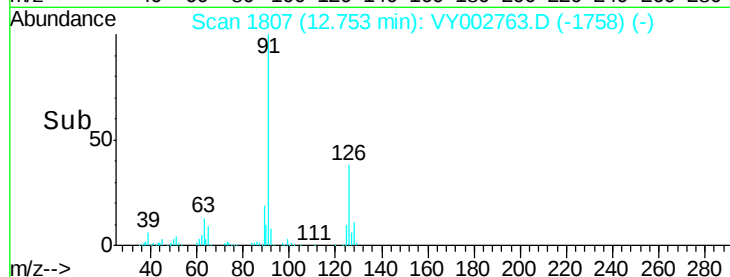
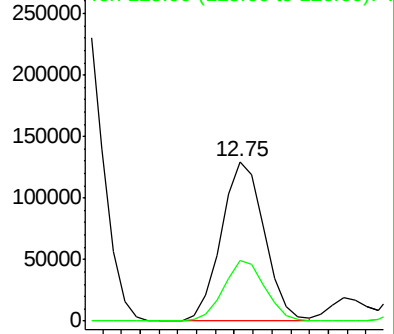
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Abundance Ion 91.00 (90.70 to 91.70): VY002758.D (-1800) (-)



#80

1,3,5-Trimethylbenzene

Concen: 20.659 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. -0.01 min

Lab File: VY002763.D

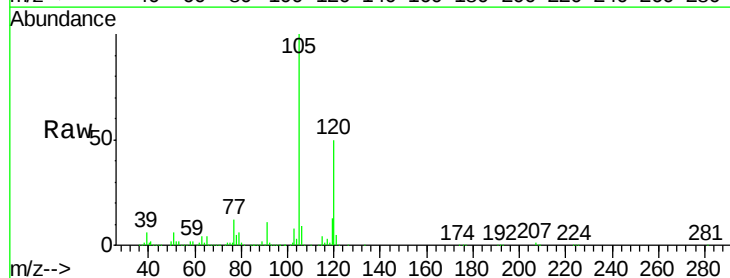
Acq: 27 May 2020 14:51

Tgt Ion: 105 Resp: 266012

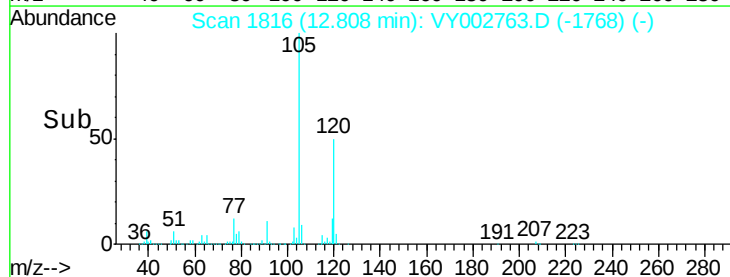
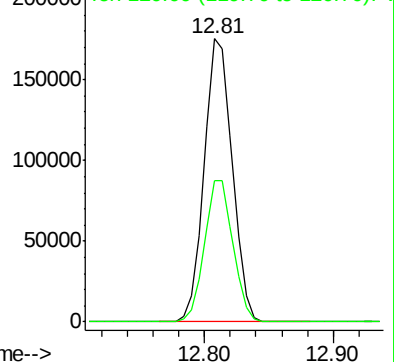
Ion Ratio Lower Upper

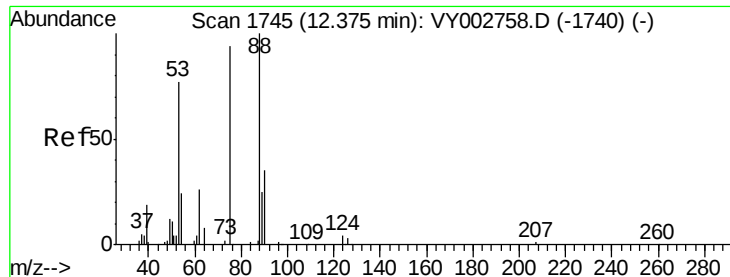
105 100

120 50.6 25.3 75.8



Abundance Ion 105.00 (104.70 to 105.70): VY002758.D (-1807) (-)





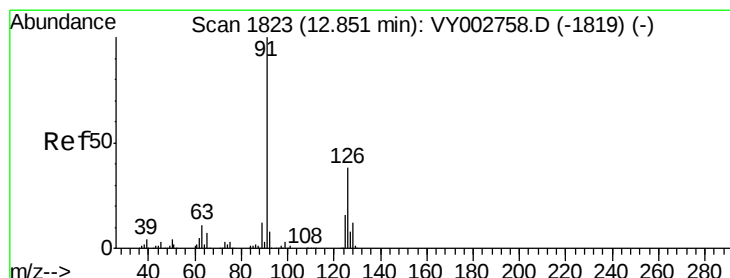
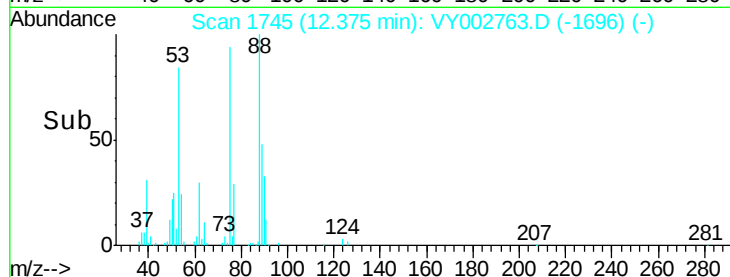
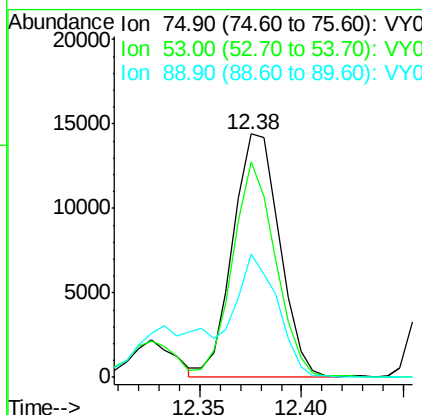
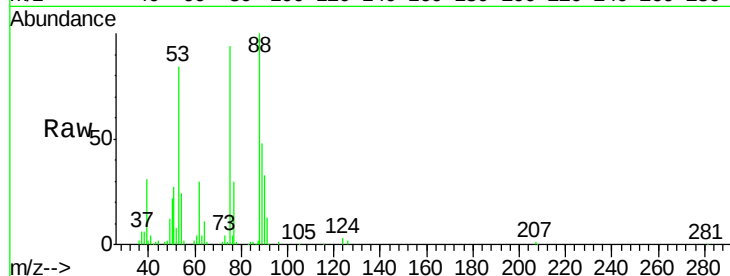
#81
trans-1,4-Dichloro-2-butene
Concen: 19.952 ug/l
RT: 12.38 min Scan# 1745
Delta R.T. -0.00 min
Lab File: VY002763.D
Acq: 27 May 2020 14:51

Instrument :
MSVOA_Y
ClientSampleId :
VY0527SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	81.7	64.0	96.0
89	46.2	37.4	56.2

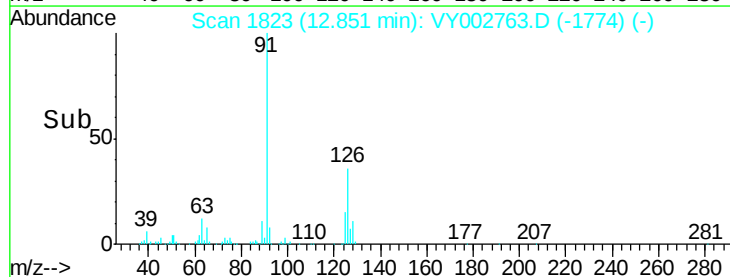
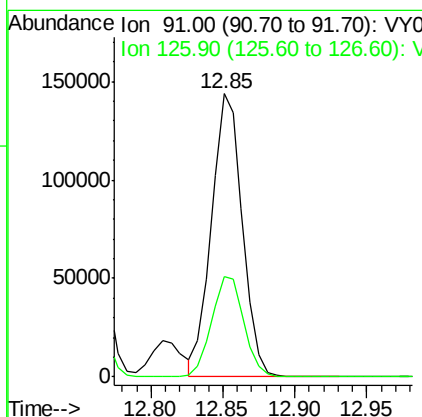
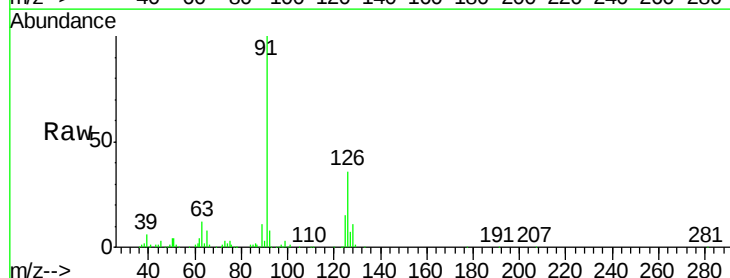
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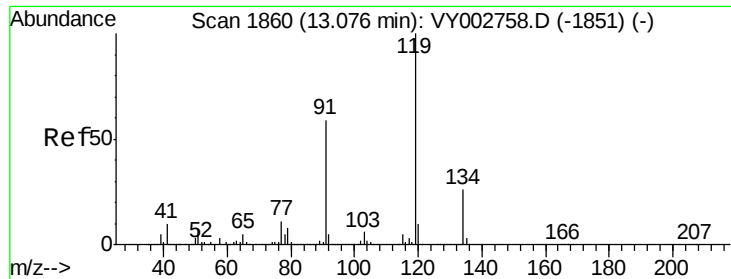
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#82
4-Chlorotoluene
Concen: 20.544 ug/l
RT: 12.85 min Scan# 1823
Delta R.T. -0.00 min
Lab File: VY002763.D
Acq: 27 May 2020 14:51

Tgt Ion	Ratio	Lower	Upper
91	100		
126	37.1	18.5	55.5





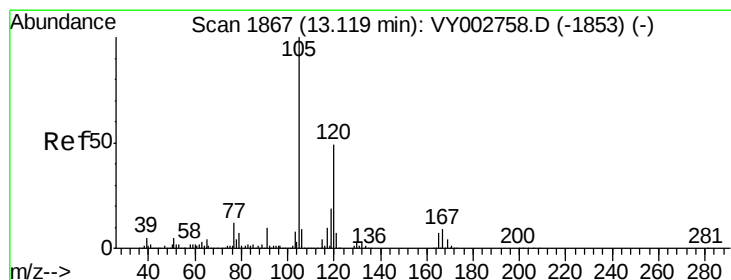
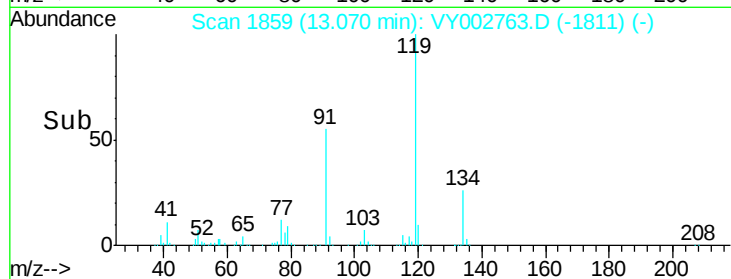
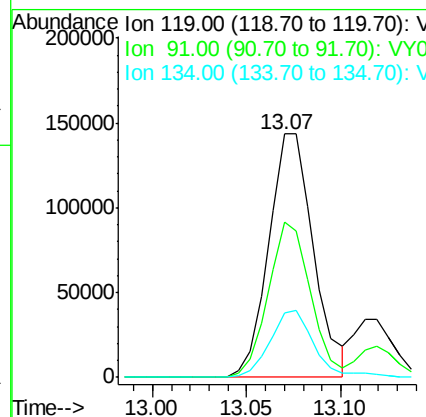
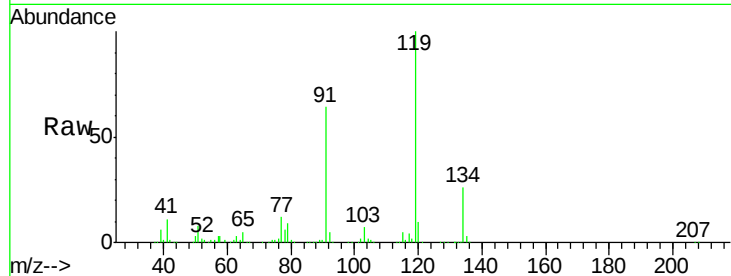
#83
 tert-Butylbenzene
 Concen: 20.602 ug/l
 RT: 13.07 min Scan# 1859
 Delta R.T. -0.01 min
 Lab File: VY002763.D
 Acq: 27 May 2020 14:51

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0527SBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	236636		
91	60.1		29.8	89.4
134	27.1		13.3	39.8

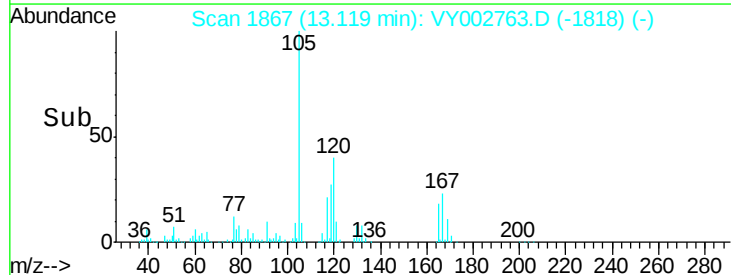
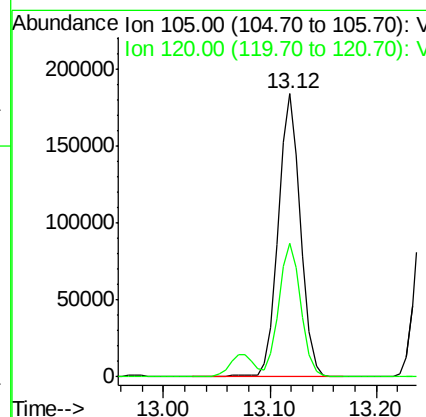
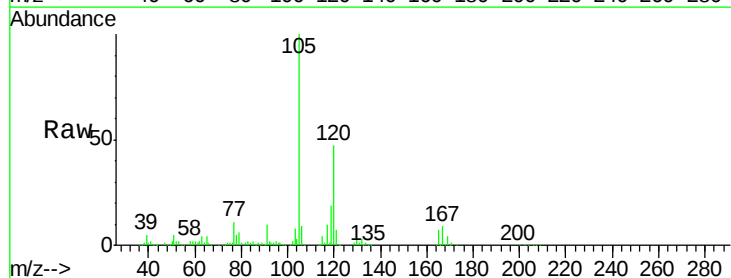
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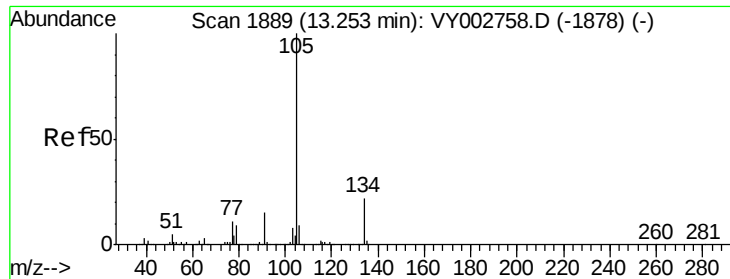
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#84
 1,2,4-Trimethylbenzene
 Concen: 20.651 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VY002763.D
 Acq: 27 May 2020 14:51

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	267373		
120	46.7		23.6	70.8





#85

sec-Butylbenzene

Concen: 20.897 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY002763.D

Acq: 27 May 2020 14:51

Instrument :

MSVOA_Y

ClientSampleId :

VY0527SBS01

Tot Ion:105 Resp: 328189

Ion Ratio Lower Upper

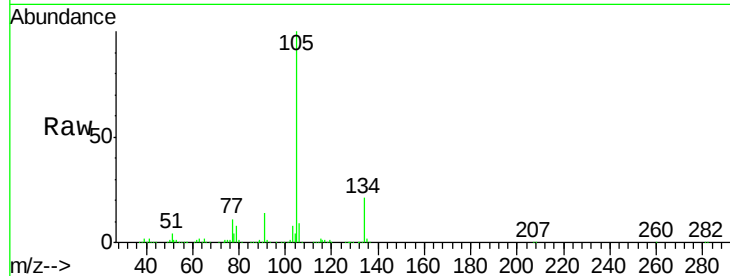
105 100

134 21.5 10.8 32.4

Manual Integrations
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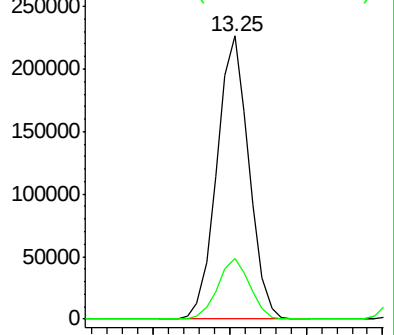
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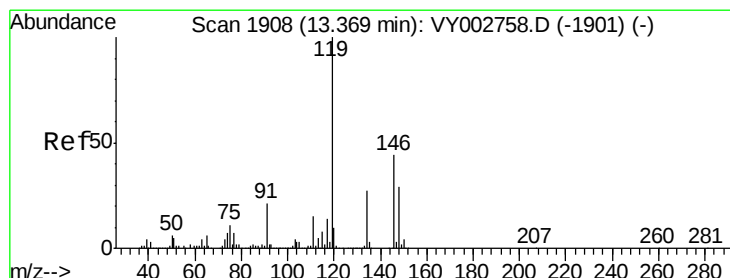
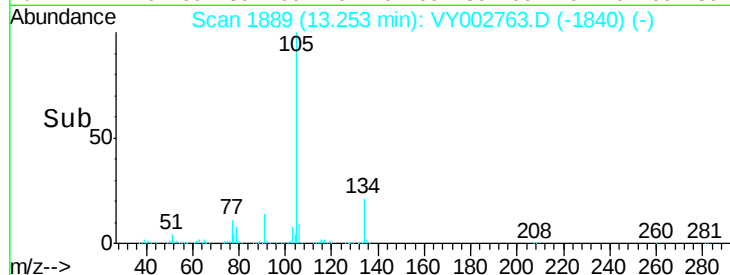


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



Time-->



#86

p-Isopropyltoluene

Concen: 20.973 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY002763.D

Acq: 27 May 2020 14:51

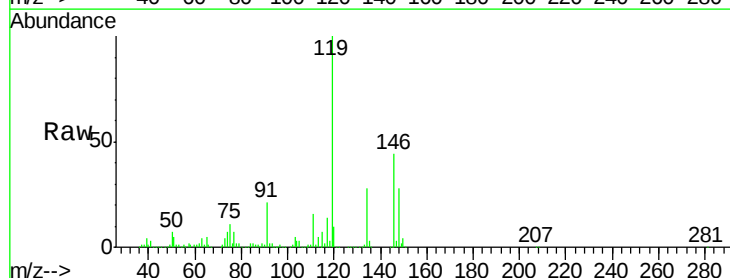
Tgt Ion:119 Resp: 306482

Ion Ratio Lower Upper

119 100

134 27.4 13.7 41.0

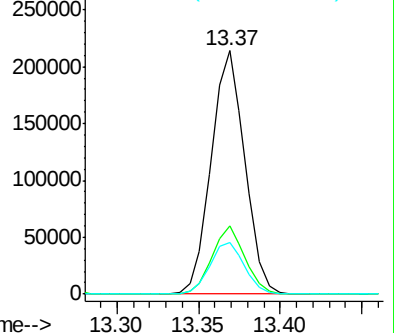
91 21.6 10.8 32.4



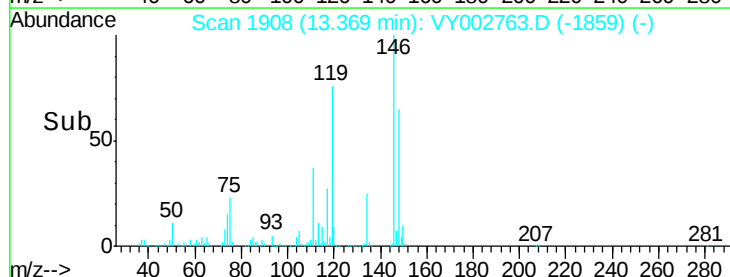
Abundance Ion 119.00 (118.70 to 119.70): V

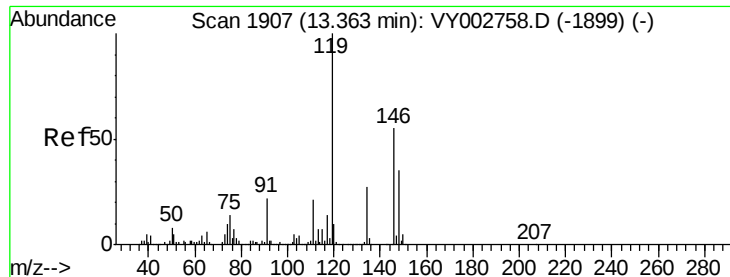
Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0



Time-->





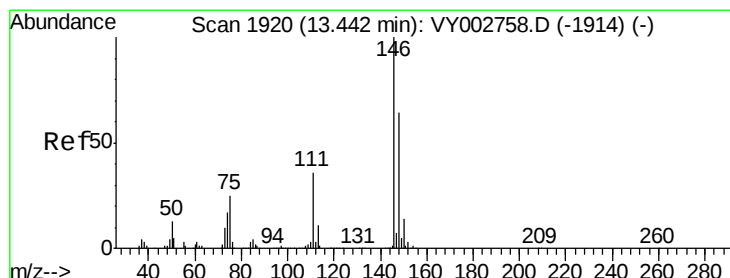
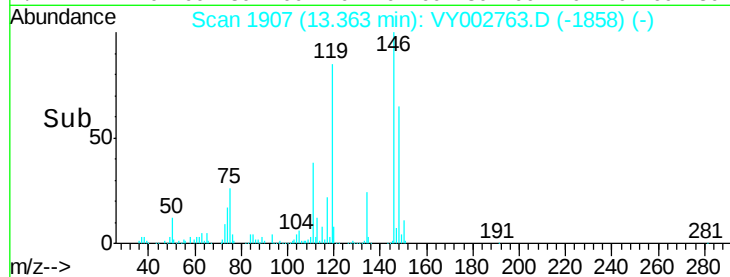
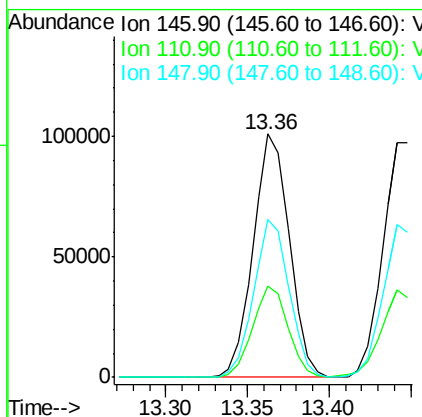
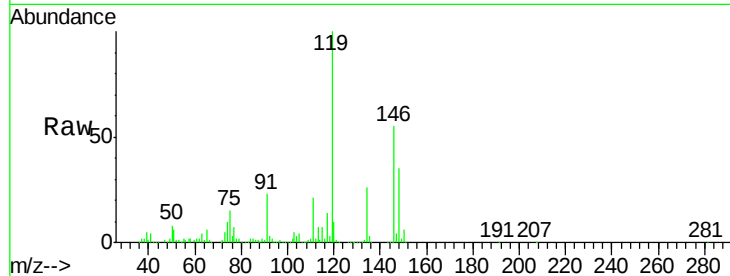
#87
 1,3-Dichlorobenzene
 Concen: 20.495 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VY002763.D
 Acq: 27 May 2020 14:51

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0527SBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	155891		
111	36.9	18.4	55.0	
148	63.6	31.9	95.7	

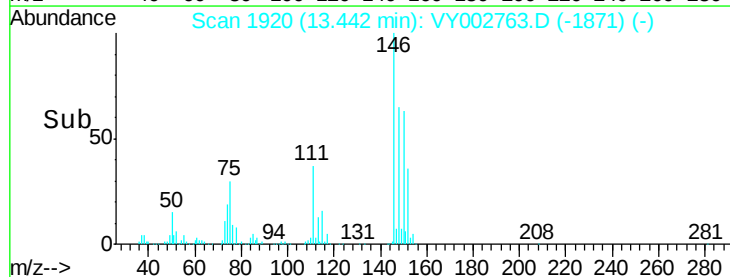
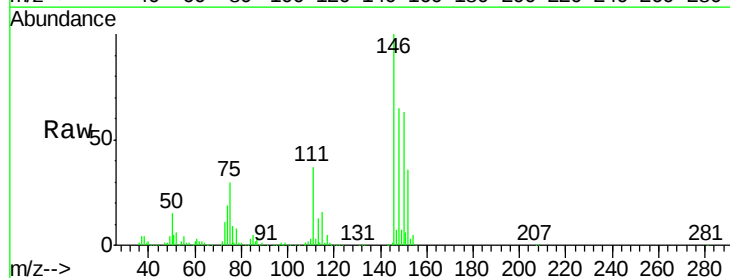
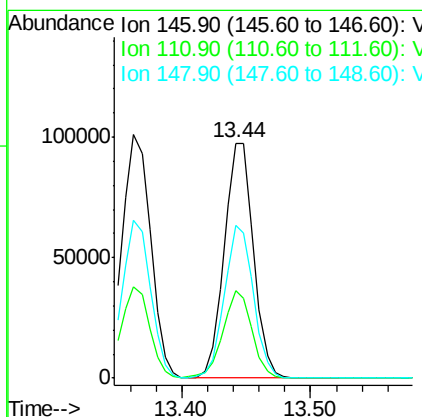
Manual Integrations
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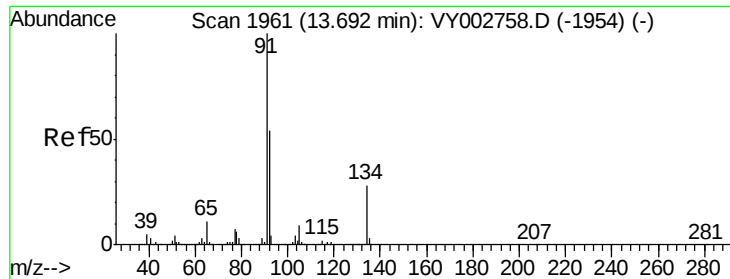
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#88
 1,4-Dichlorobenzene
 Concen: 20.395 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. -0.00 min
 Lab File: VY002763.D
 Acq: 27 May 2020 14:51

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	155184		
111	36.9	18.1	54.3	
148	64.3	32.1	96.3	





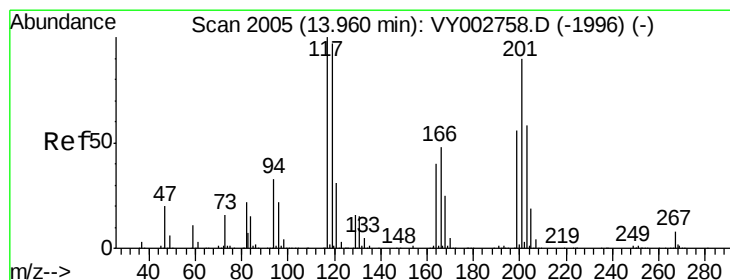
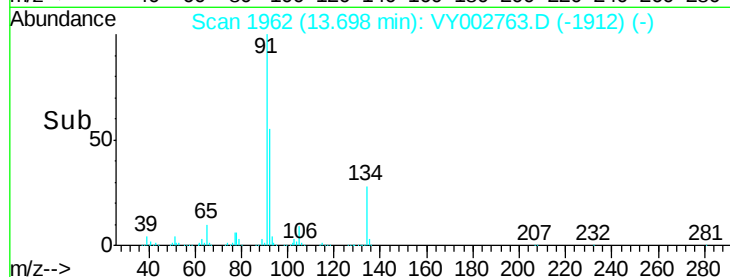
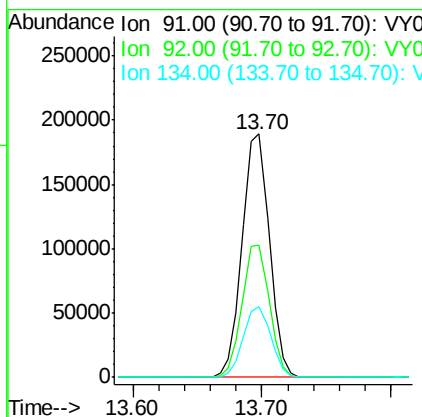
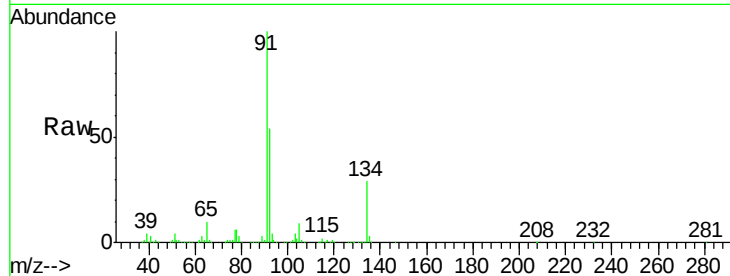
#89
n-Butylbenzene
Concen: 20.853 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. 0.01 min
Lab File: VY002763.D
Acq: 27 May 2020 14:51

Instrument :
MSVOA_Y
ClientSampleId :
VY0527SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.4	27.1	81.2
134	29.3	14.3	42.9

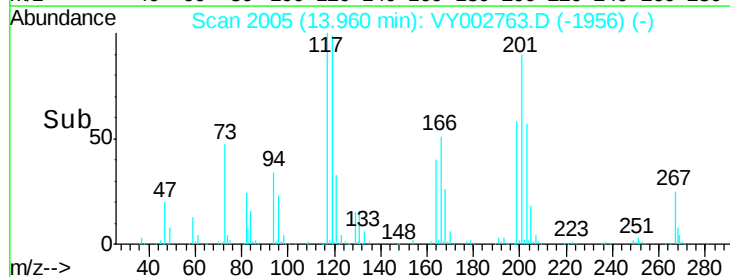
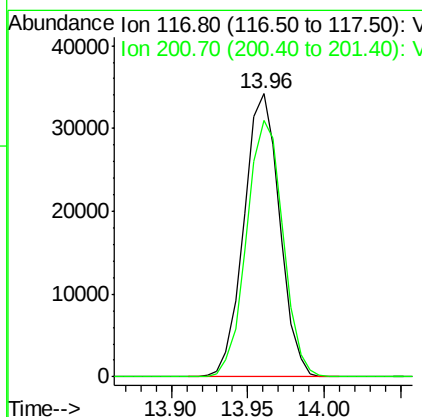
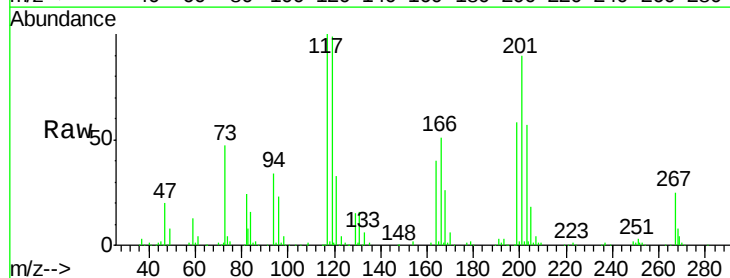
Manual Integrations
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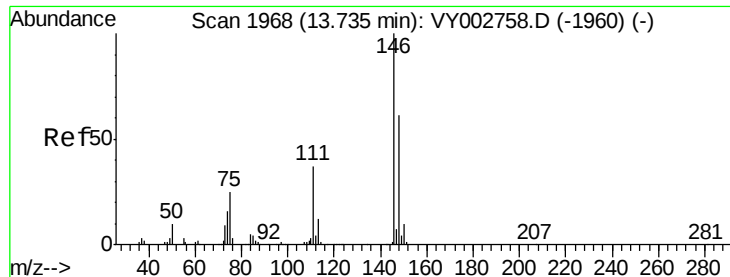
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#90
Hexachloroethane
Concen: 20.317 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.00 min
Lab File: VY002763.D
Acq: 27 May 2020 14:51

Tgt Ion	Ratio	Lower	Upper
117	100		
201	92.0	43.9	131.6





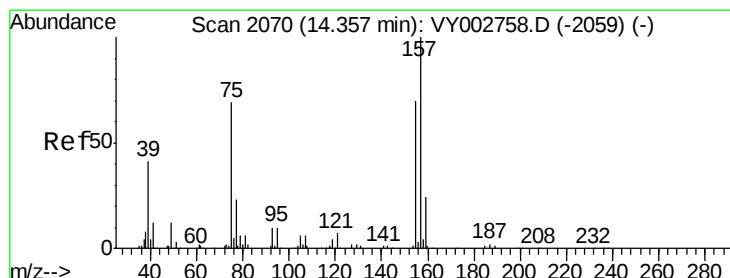
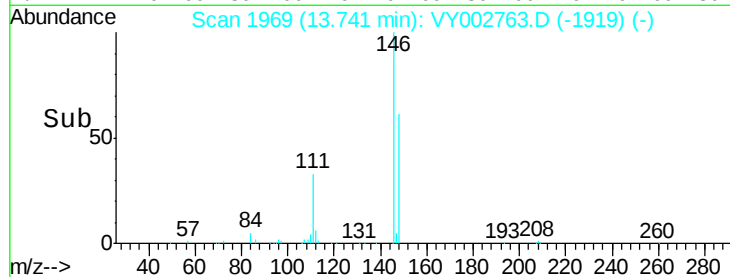
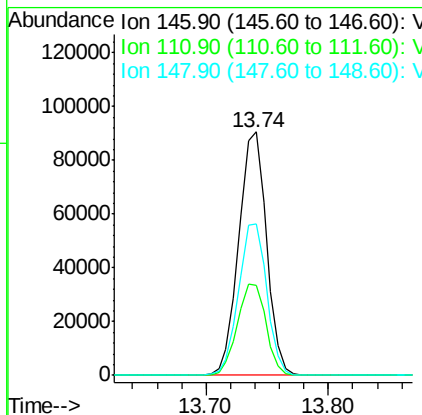
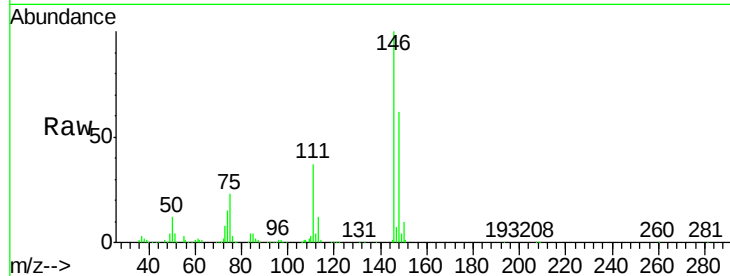
#91
 1,2-Dichlorobenzene
 Concen: 20.653 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. 0.01 min
 Lab File: VY002763.D
 Acq: 27 May 2020 14:51

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0527SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.6	18.9	56.9
148	63.2	31.9	95.5

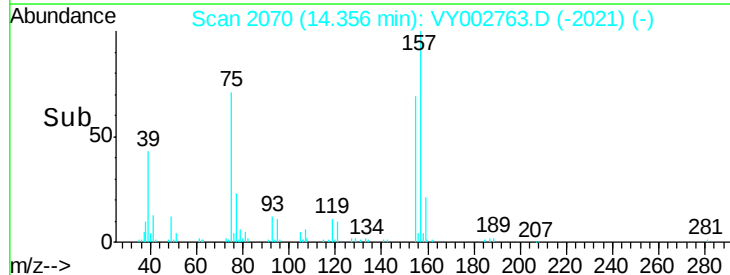
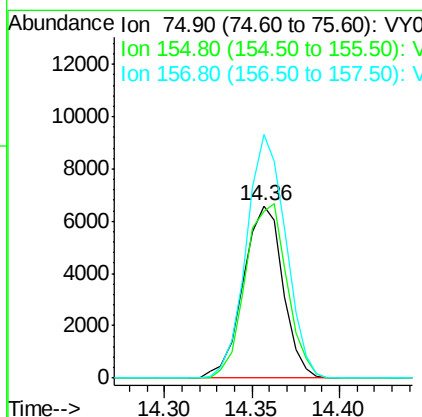
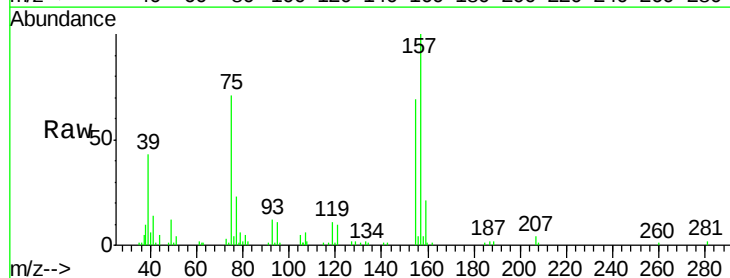
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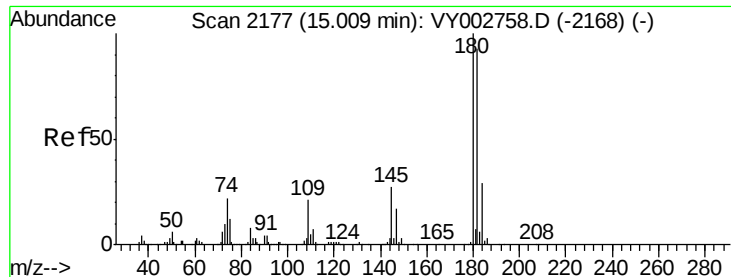
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.976 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. -0.00 min
 Lab File: VY002763.D
 Acq: 27 May 2020 14:51

Tgt Ion	Ratio	Lower	Upper
75	100		
155	106.0	53.5	160.5
157	140.0	69.9	209.7





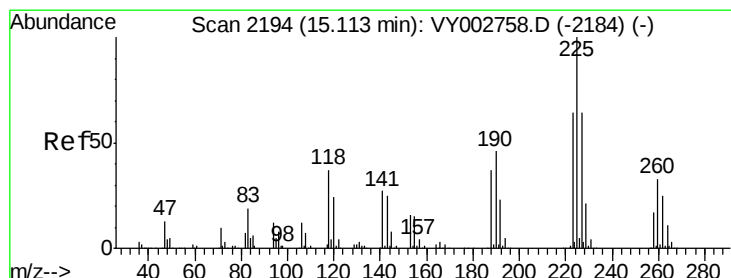
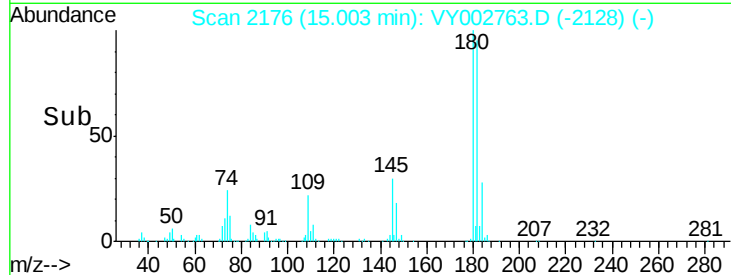
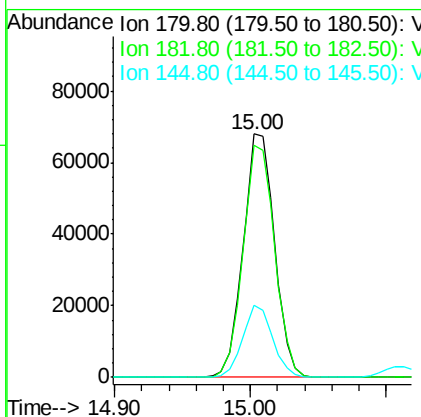
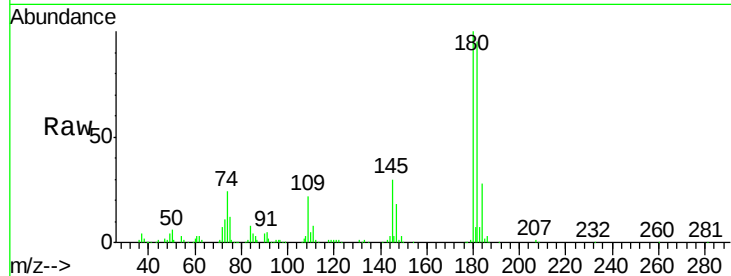
#93
 1,2,4-Trichlorobenzene
 Concen: 21.100 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. -0.01 min
 Lab File: VY002763.D
 Acq: 27 May 2020 14:51

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0527SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	109712		
182	96.2	47.3	141.9	
145	28.2	14.1	42.3	

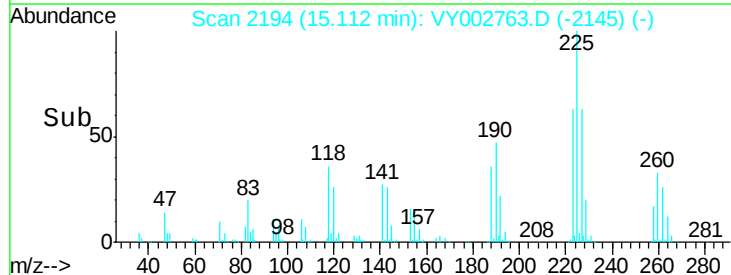
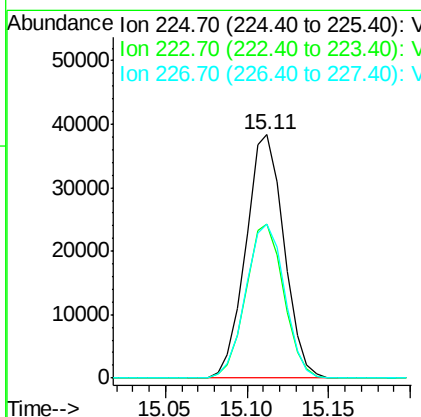
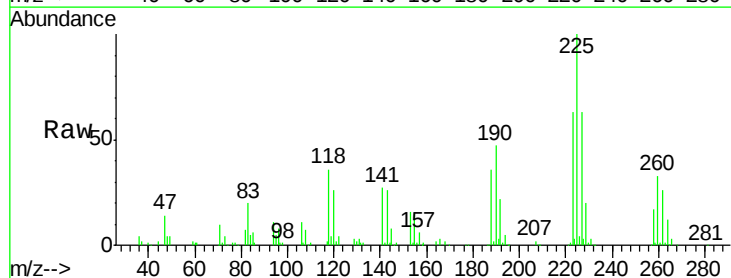
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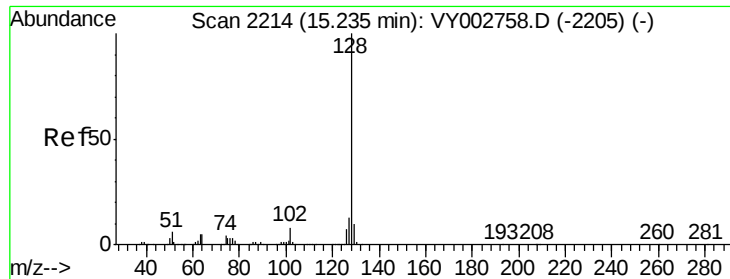
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#94
 Hexachlorobutadiene
 Concen: 21.166 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. -0.00 min
 Lab File: VY002763.D
 Acq: 27 May 2020 14:51

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	62420		
223	63.1	31.6	95.0	
227	64.3	32.3	96.9	





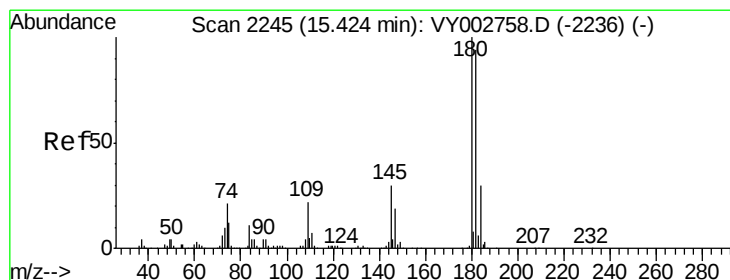
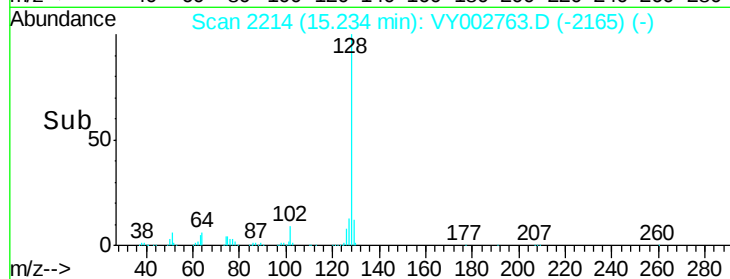
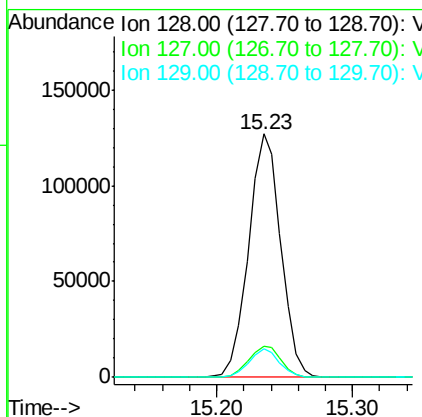
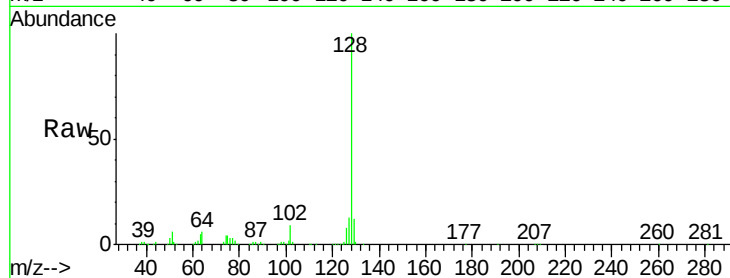
#95
Naphthalene
Concen: 20.167 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VY002763.D
Acq: 27 May 2020 14:51

Instrument :
MSVOA_Y
ClientSampleId :
VY0527SBS01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	210242		
127	13.0		10.3	15.5
129	11.0		8.7	13.1

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 20.971 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. -0.00 min
Lab File: VY002763.D
Acq: 27 May 2020 14:51

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	97371		
182	96.1		48.1	144.4
145	29.9		15.1	45.3

