

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY092619\
 Data File : VY000146.D
 Acq On : 26 Sep 2019 11:57
 Operator : SY/MD
 Sample : VSTDIC100
 Misc : 5.00g/5.00ml/MSVOA Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

Manual Integrations
 APPROVED

MMDadoda
 10/2/2019 9:13:01 AM

Quant Time: Sep 26 14:18:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y092619S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 26 14:00:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.79	168	196497	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	324782	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	287938	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	138055	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	171824	99.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	199.70%	
35) Dibromofluoromethane	7.72	113	165711	97.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	194.86%	
50) Toluene-d8	10.18	98	720858	100.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	200.30%	
62) 4-Bromofluorobenzene	12.48	95	241084	91.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	183.80%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	129627	82.988	ug/l	97
3) Chloromethane	2.11	50	193876	85.060	ug/l	99
4) Vinyl Chloride	2.24	62	227532	92.915	ug/l	99
5) Bromomethane	2.62	94	144216	87.338	ug/l	100
6) Chloroethane	2.77	64	143678	94.512	ug/l	97
7) Trichlorofluoromethane	3.11	101	276606	93.710	ug/l	98
8) Diethyl Ether	3.52	74	112360	95.478	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.90	101	180934	93.907	ug/l	98
10) Methyl Iodide	4.08	142	312333	105.136	ug/l	100
11) Tert butyl alcohol	4.98	59	81769	475.616	ug/l	97
12) 1,1-Dichloroethene	3.86	96	192897	95.468	ug/l	96
13) Acrolein	3.73	56	108485	508.110	ug/l	98
14) Allyl chloride	4.47	41	242477	95.899	ug/l	98
15) Acrylonitrile	5.17	53	266763	498.437	ug/l	99
16) Acetone	3.95	43	199853	473.976	ug/l	100
17) Carbon Disulfide	4.18	76	580482	92.617	ug/l	98
18) Methyl Acetate	4.47	43	122834	98.431	ug/l	95
19) Methyl tert-butyl Ether	5.22	73	477790	99.884	ug/l	96
20) Methylene Chloride	4.71	84	205822	84.520	ug/l	97
21) trans-1,2-Dichloroethene	5.21	96	212989	94.610	ug/l	96
22) Diisopropyl ether	6.12	45	517910	97.467	ug/l	97
23) Vinyl Acetate	6.06	43	1728138	518.940	ug/l	97
24) 1,1-Dichloroethane	6.02	63	305416	94.947	ug/l	99
25) 2-Butanone	6.99	43	338716	512.703	ug/l	96
26) 2,2-Dichloropropane	6.99	77	271384	92.785	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	239577	95.757	ug/l	99
28) Bromochloromethane	7.33	49	127887	104.353	ug/l	98
29) Tetrahydrofuran	7.35	42	209432	514.236	ug/l	98
30) Chloroform	7.51	83	315866	93.823	ug/l	99
31) Cyclohexane	7.78	56	299071	89.931	ug/l	96
32) 1,1,1-Trichloroethane	7.71	97	286151	96.934	ug/l	100
36) 1,1-Dichloropropene	7.92	75	254620	94.338	ug/l	99
37) Ethyl Acetate	7.08	43	139752	98.019	ug/l	99
38) Carbon Tetrachloride	7.90	117	255560	96.991	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.18	83	363292	94.900	ug/l	96
40) Benzene	8.16	78	814594	95.544	ug/l	99
41) Methacrylonitrile	7.32	41	63506m	82.148	ug/l	
42) 1,2-Dichloroethane	8.24	62	206111	99.358	ug/l	97
43) Isopropyl Acetate	8.28	43	270403	102.669	ug/l	99
44) Trichloroethene	8.94	130	262580	96.376	ug/l	99
45) 1,2-Dichloropropane	9.22	63	184351	98.018	ug/l	98
46) Dibromomethane	9.31	93	112657	98.149	ug/l	99
47) Bromodichloromethane	9.50	83	255410	98.719	ug/l	100
48) Methyl methacrylate	9.30	41	118039	100.088	ug/l	96
49) 1,4-Dioxane	9.30	88	36041	2032.388	ug/l	95
51) 4-Methyl-2-Pentanone	10.07	43	716728	524.302	ug/l	99
52) Toluene	10.24	92	528480	95.713	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	270489	99.528	ug/l	94
54) cis-1,3-Dichloropropene	9.93	75	317276	98.510	ug/l	99
55) 1,1,2-Trichloroethane	10.64	97	166296	97.437	ug/l	97
56) Ethyl methacrylate	10.51	69	226798	102.158	ug/l	99
57) 1,3-Dichloropropane	10.79	76	268258	97.811	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	554217	531.498	ug/l	99
59) 2-Hexanone	10.83	43	520741	535.974	ug/l	100
60) Dibromochloromethane	10.99	129	196401	101.798	ug/l	98
61) 1,2-Dibromoethane	11.09	107	160983	98.845	ug/l	99
64) Tetrachloroethene	10.72	164	278745	97.725	ug/l	96
65) Chlorobenzene	11.52	112	569822	95.096	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	197797	97.688	ug/l	99
67) Ethyl Benzene	11.59	91	980589	95.735	ug/l	100
68) m/p-Xylenes	11.70	106	785674	189.743	ug/l	98
69) o-Xylene	12.03	106	374409	94.808	ug/l	99
70) Styrene	12.04	104	649936	97.247	ug/l	99
71) Bromoform	12.20	173	125008	105.063	ug/l #	97
73) Isopropylbenzene	12.33	105	961846	96.565	ug/l	100
74) N-amyl acetate	12.14	43	251101	104.147	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	142401	91.846	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	124256m	91.377	ug/l	
77) Bromobenzene	12.60	156	241826	98.276	ug/l	99
78) n-propylbenzene	12.67	91	1136288	95.697	ug/l	99
79) 2-Chlorotoluene	12.75	91	620860	96.099	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	795306	95.984	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	72072	103.372	ug/l	99
82) 4-Chlorotoluene	12.85	91	654751	97.268	ug/l	99
83) tert-Butylbenzene	13.07	119	693358	97.173	ug/l	99
84) 1,2,4-Trimethylbenzene	13.11	105	804325	96.056	ug/l	99
85) sec-Butylbenzene	13.25	105	981242	95.784	ug/l	100
86) p-Isopropyltoluene	13.36	119	880335	96.498	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	448536	95.133	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	453736	96.679	ug/l	99
89) n-Butylbenzene	13.69	91	838604	96.727	ug/l	99
90) Hexachloroethane	13.95	117	167860	97.395	ug/l	99
91) 1,2-Dichlorobenzene	13.73	146	419918	97.479	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.35	75	31148	101.818	ug/l	98

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ClientSampleId :
VSTDICC100

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Quant Title : SW846 8260
QLast Update : Thu Sep 26 14:00:10 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	293328	98.143	ug/l	99
94) Hexachlorobutadiene	15.11	225	143416	98.346	ug/l	99
95) Naphthalene	15.23	128	665768	99.482	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	264873	98.814	ug/l	99

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

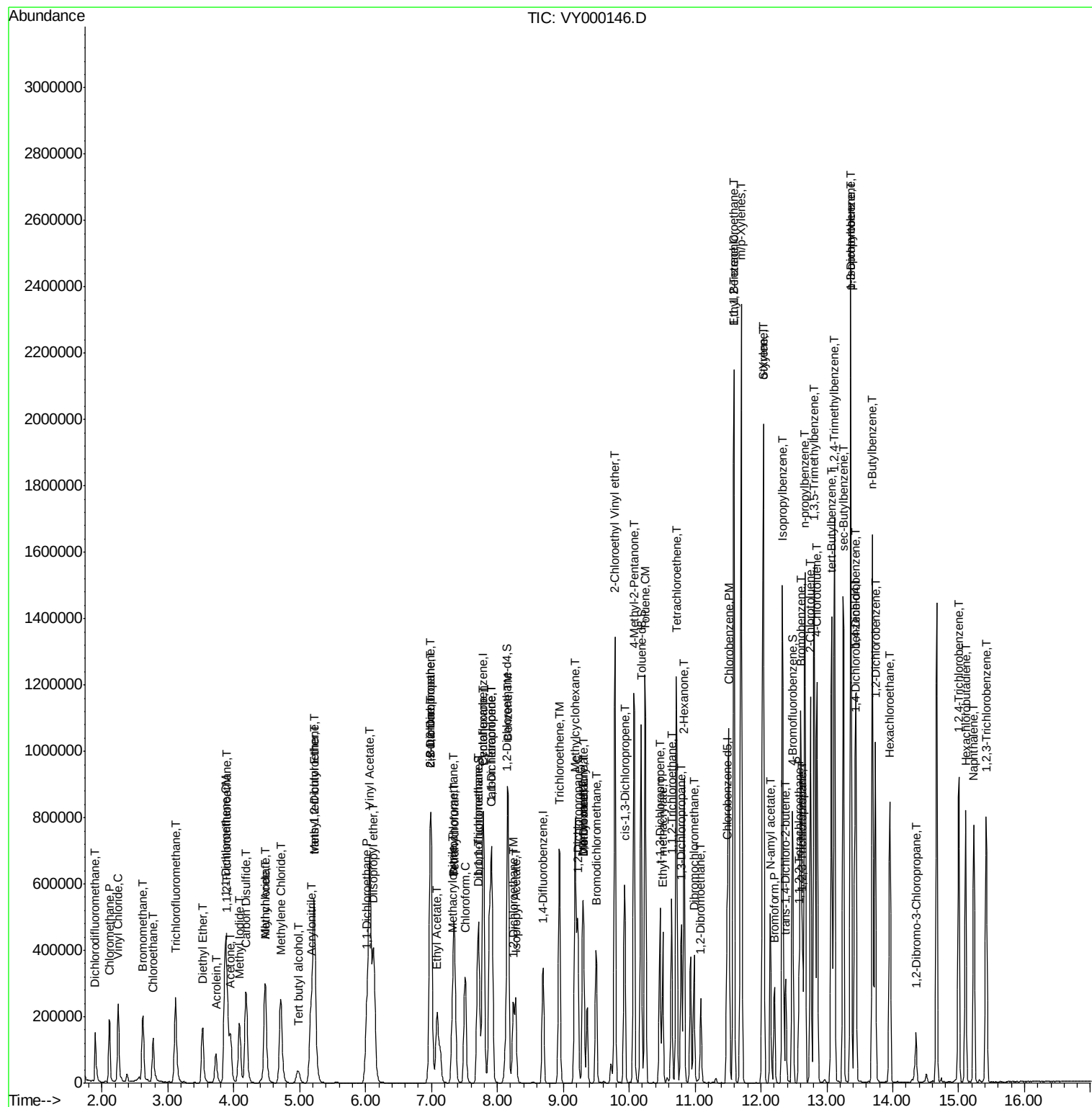
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 Data File : VY000146.D
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 Operator : SY/MD
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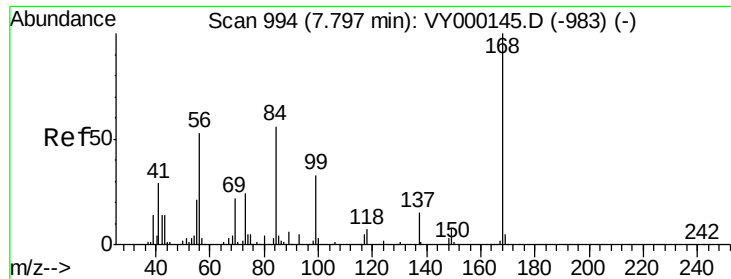
Instrument :
 MSVOA_Y
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 VSTDICC100

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.01 min

Lab File: VY000146.D

Acq: 26 Sep 2019 11:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tot Ion:168 Resp: 196497

Ion Ratio Lower Upper

168 100

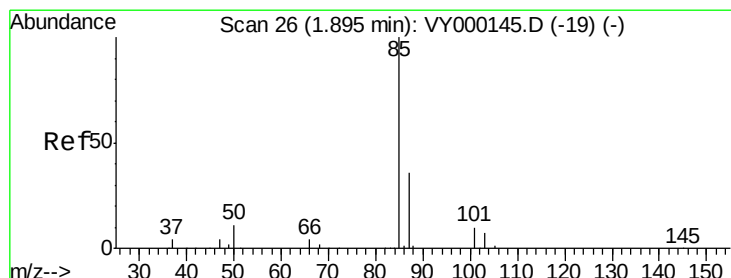
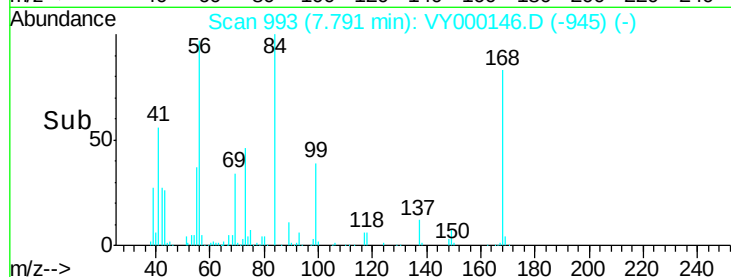
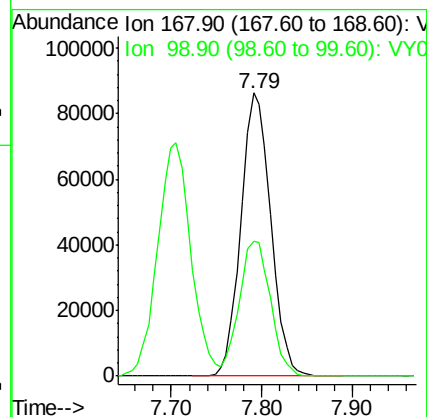
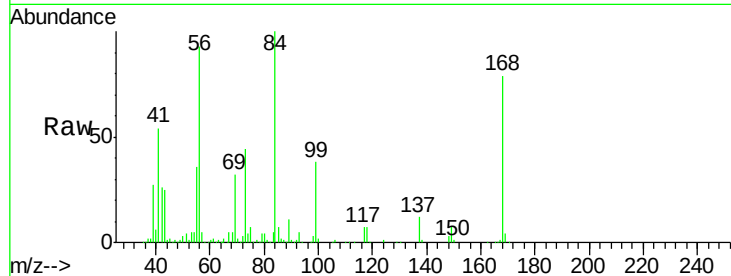
99 47.8 37.9 56.9

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 82.988 ug/l

RT: 1.90 min Scan# 26

Delta R.T. 0.00 min

Lab File: VY000146.D

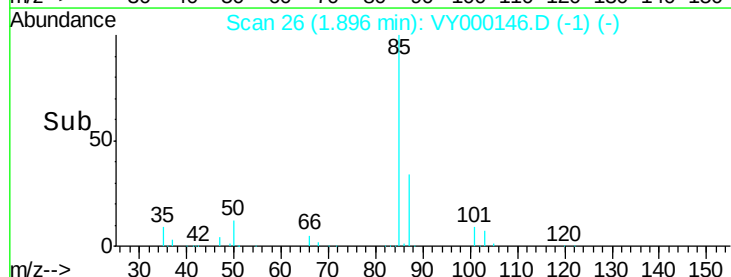
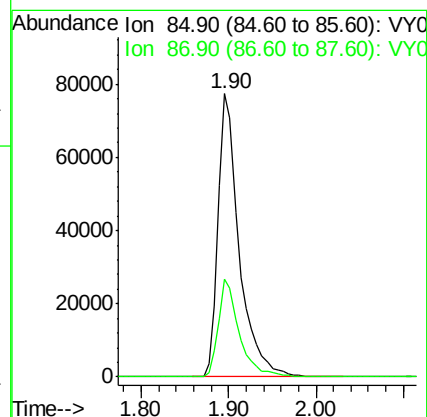
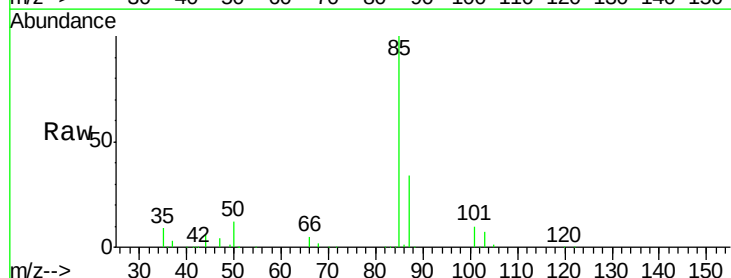
Acq: 26 Sep 2019 11:57

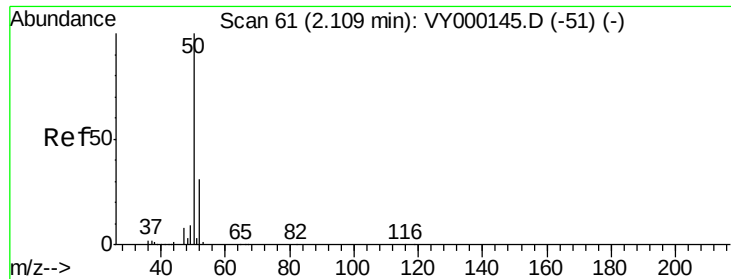
Tgt Ion: 85 Resp: 129627

Ion Ratio Lower Upper

85 100

87 34.3 17.9 53.8





#3

Chloromethane

Concen: 85.060 ug/l

RT: 2.11 min Scan# 61

Delta R.T. 0.00 min

Lab File: VY000146.D

Acq: 26 Sep 2019 11:57

Tot Ion: 50 Resp: 193876

Ion Ratio Lower Upper

50 100

52 31.9 25.0 37.6

Instrument :

MSVOA_Y

ClientSampleId :

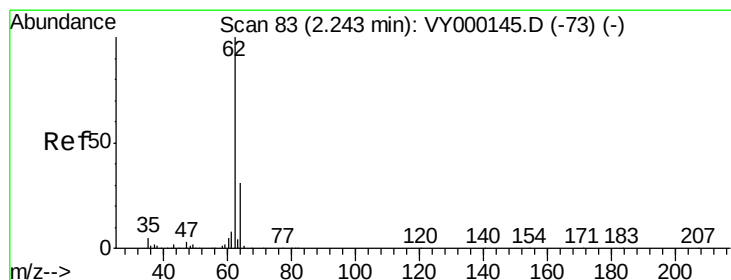
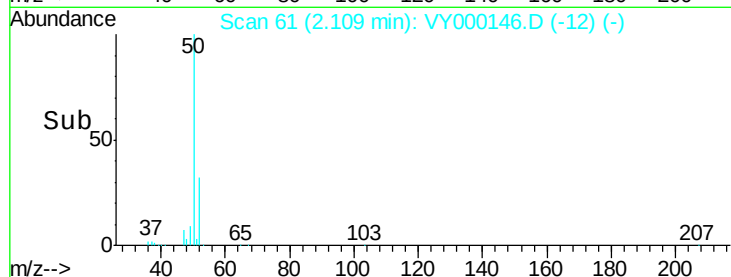
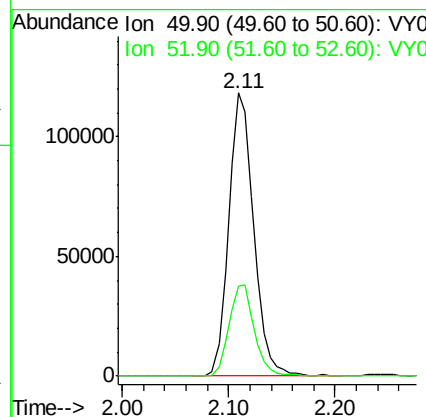
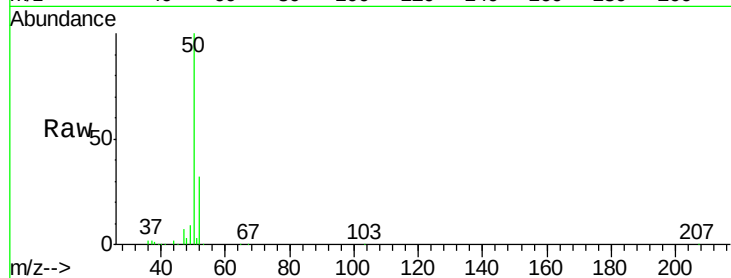
VSTDIC100

Manual Integrations

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#4

Vinyl Chloride

Concen: 92.915 ug/l

RT: 2.24 min Scan# 83

Delta R.T. 0.00 min

Lab File: VY000146.D

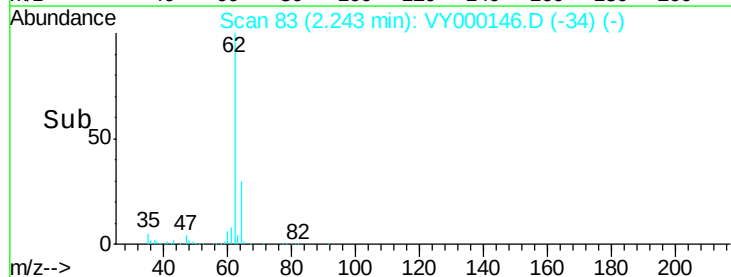
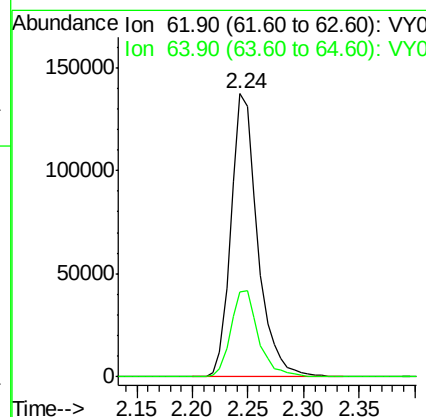
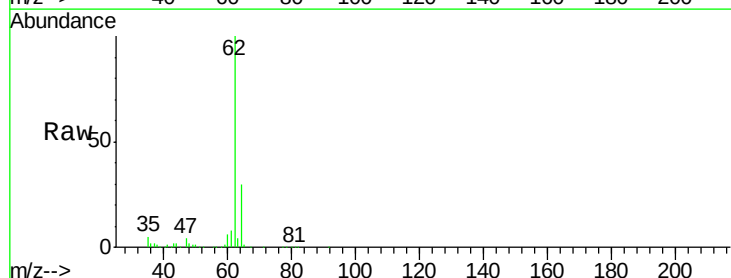
Acq: 26 Sep 2019 11:57

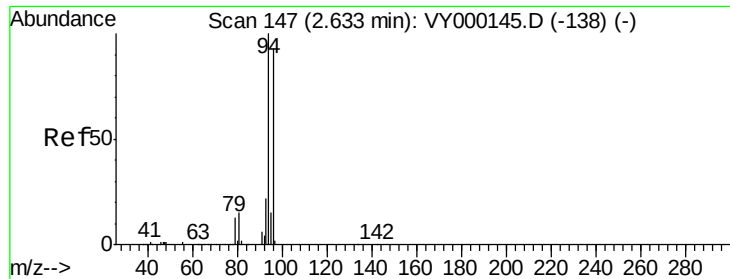
Tgt Ion: 62 Resp: 227532

Ion Ratio Lower Upper

62 100

64 29.8 24.5 36.7





#5

Bromomethane

Concen: 87.338 ug/l

RT: 2.62 min Scan# 145

Delta R.T. -0.01 min

Lab File: VY000146.D

Acq: 26 Sep 2019 11:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

Tot Ion: 94 Resp: 144216

Ion Ratio Lower Upper

94 100

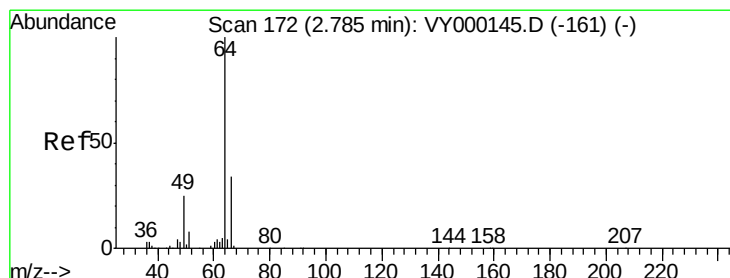
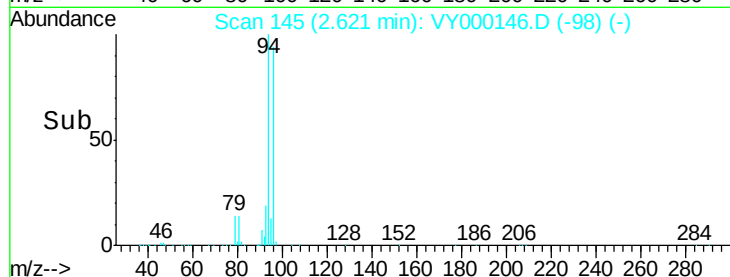
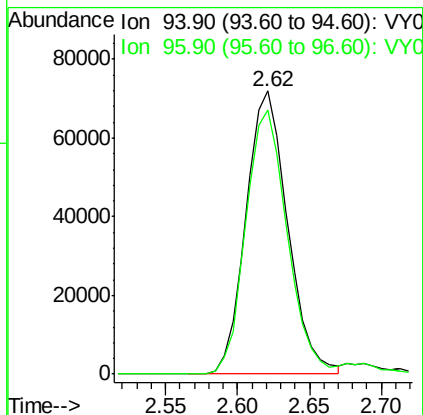
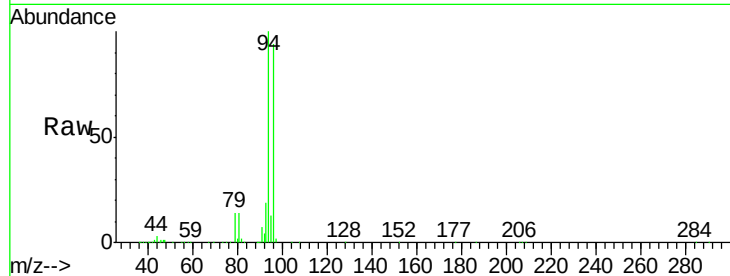
96 93.5 74.6 111.8

Manual Integrations

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#6

Chloroethane

Concen: 94.512 ug/l

RT: 2.77 min Scan# 170

Delta R.T. -0.01 min

Lab File: VY000146.D

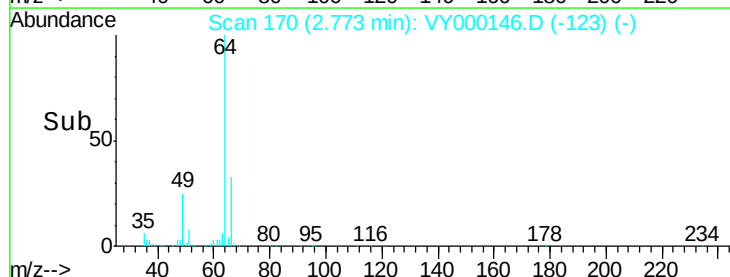
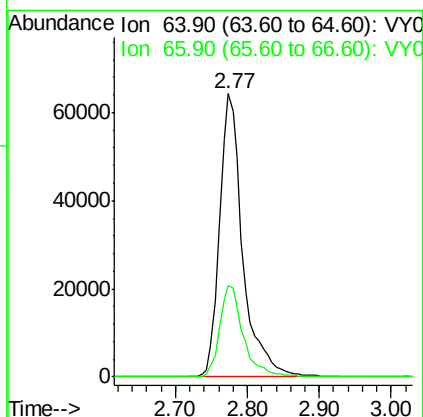
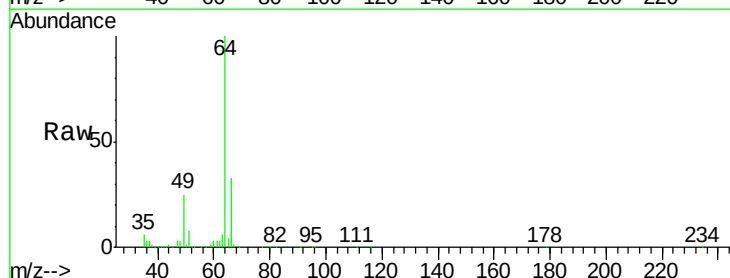
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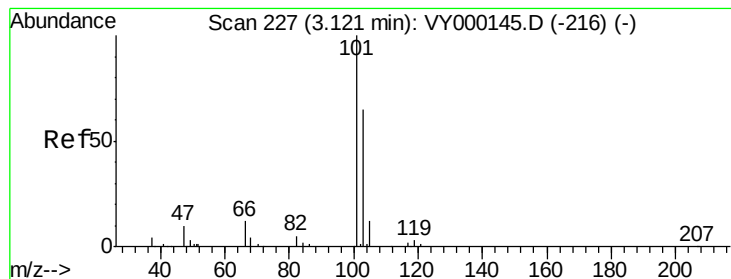
Tgt Ion: 64 Resp: 143678

Ion Ratio Lower Upper

64 100

66 32.5 27.4 41.0





#7

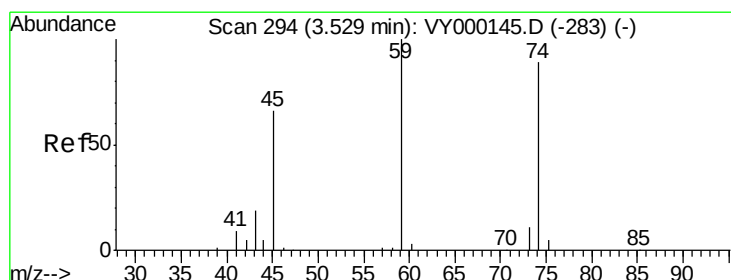
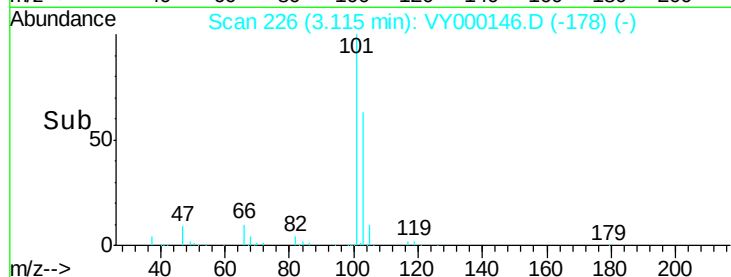
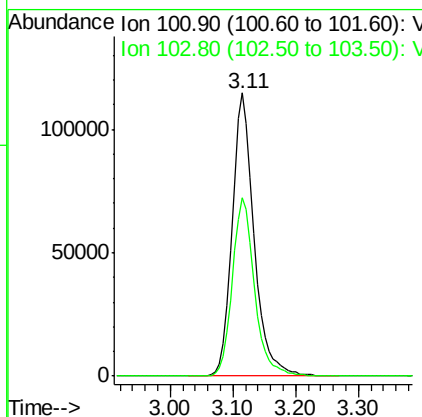
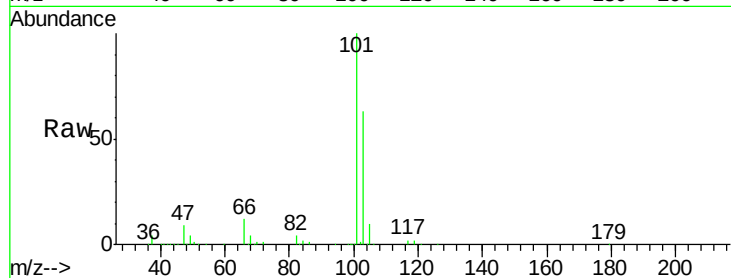
Trichlorofluoromethane
 Concen: 93.710 ug/l
 RT: 3.11 min Scan# 226
 Delta R.T. -0.01 min
 Lab File: VY000146.D
 Acq: 26 Sep 2019 11:57

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Tot Ion	Ratio	Resp	Lower	Upper
101	100	276606		
103	63.2	51.9	77.9	

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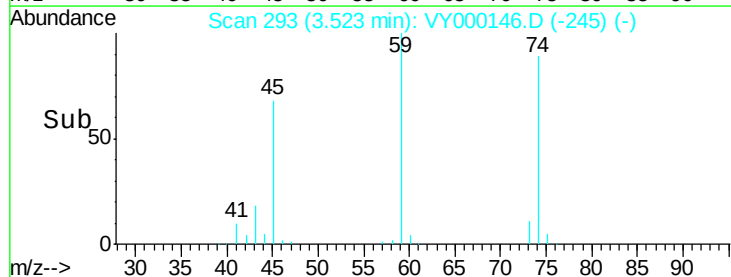
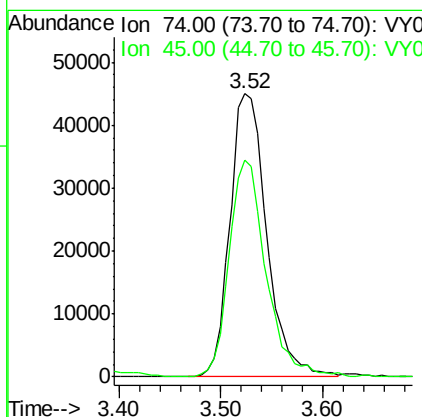
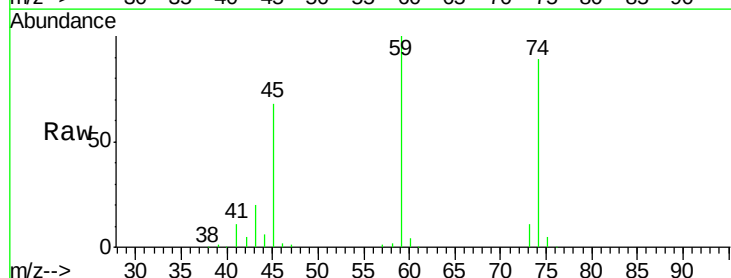
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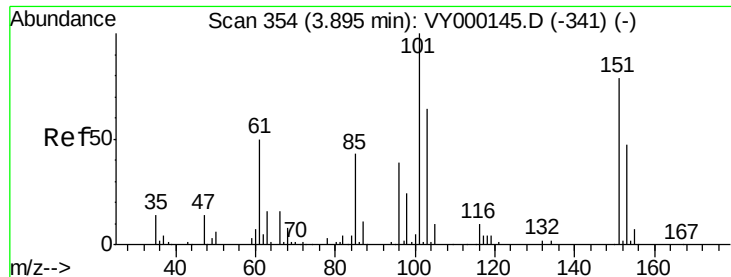


#8

Diethyl Ether
 Concen: 95.478 ug/l
 RT: 3.52 min Scan# 293
 Delta R.T. -0.01 min
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Tgt Ion	Ratio	Resp	Lower	Upper
74	100	112360		
45	76.8	37.7	113.1	





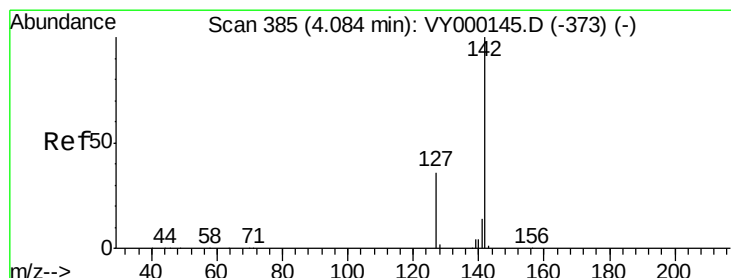
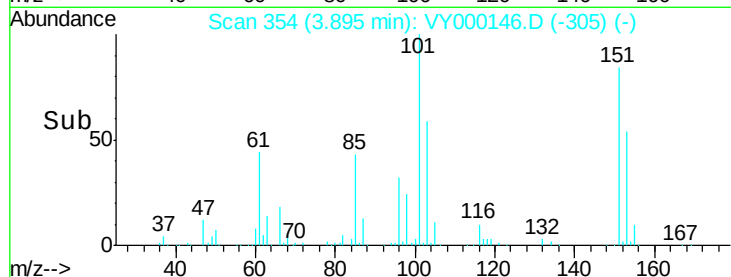
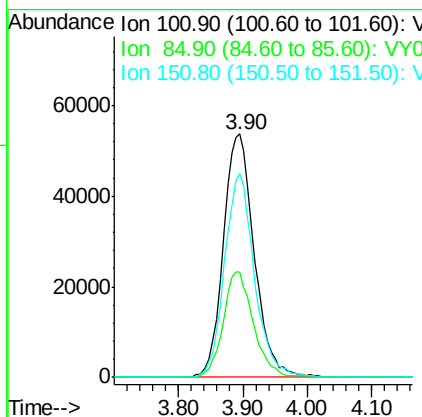
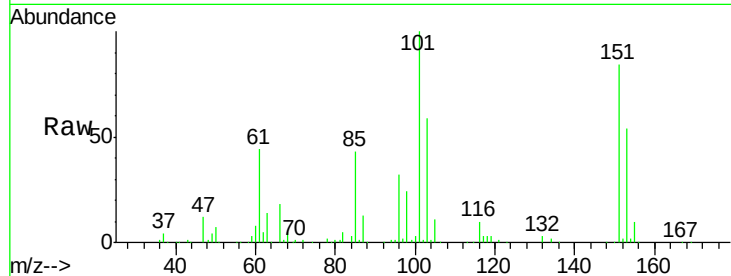
#9
1,1,2-Trichlorotrifluoroethane
Concen: 93.907 ug/l
RT: 3.90 min Scan# 354
Delta R.T. 0.00 min
Lab File: VY000146.D
Acq: 26 Sep 2019 11:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
101	100	180934		
85	42.4	34.8	52.2	
151	81.3	64.0	96.0	

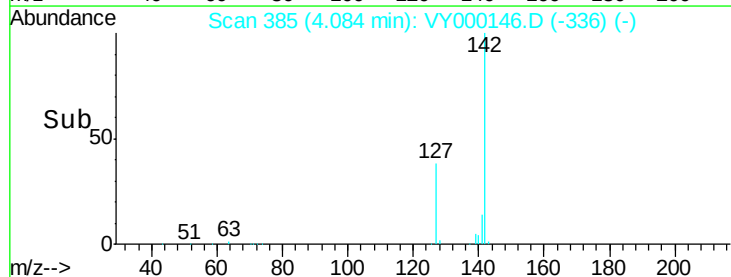
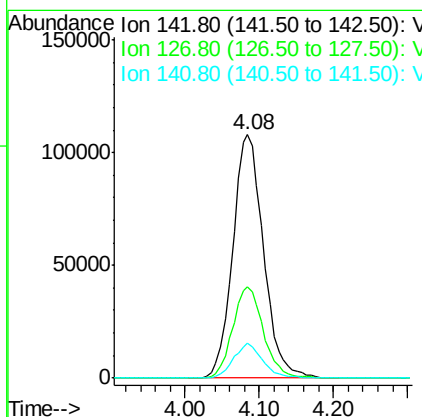
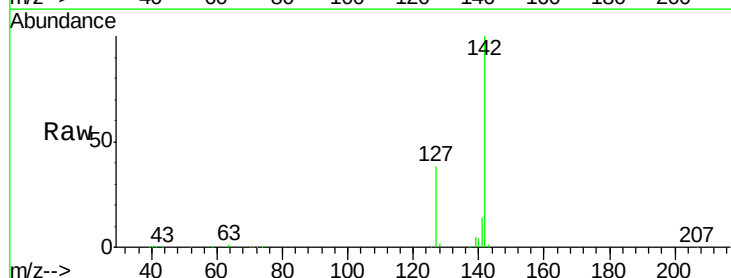
Manual Integrations
APPROVED

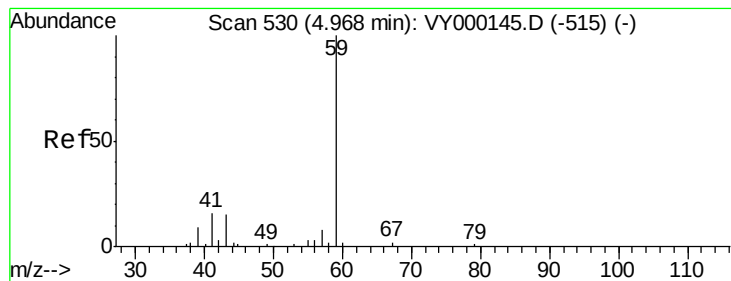
MMDadoda
10/2/2019 9:13:01 AM



#10
Methyl Iodide
Concen: 105.136 ug/l
RT: 4.08 min Scan# 385
Delta R.T. 0.00 min
Lab File: VY000146.D
Acq: 26 Sep 2019 11:57

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	312333		
127	37.6	30.0	45.0	
141	13.8	11.0	16.6	





#11

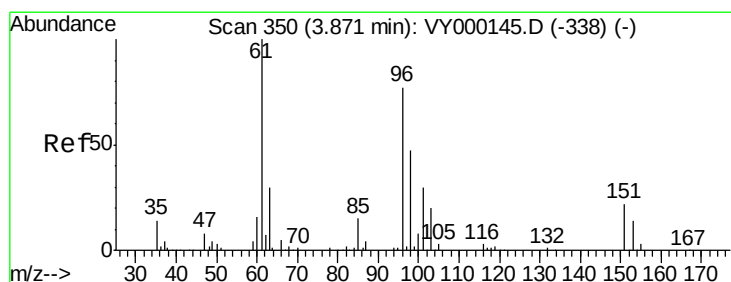
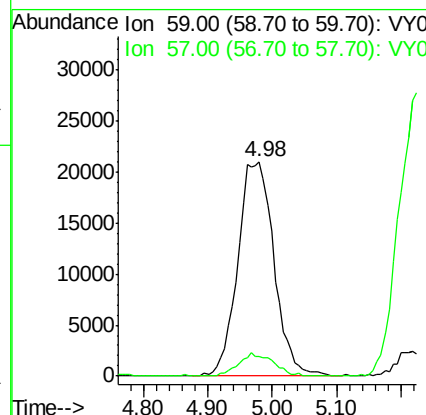
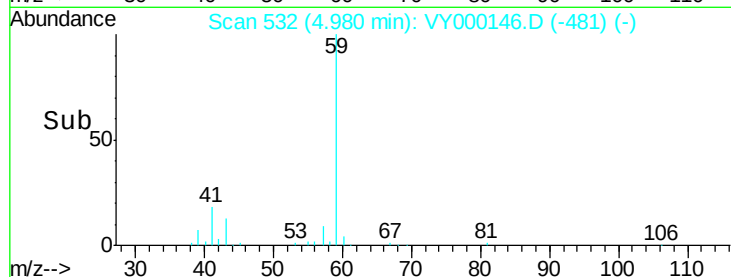
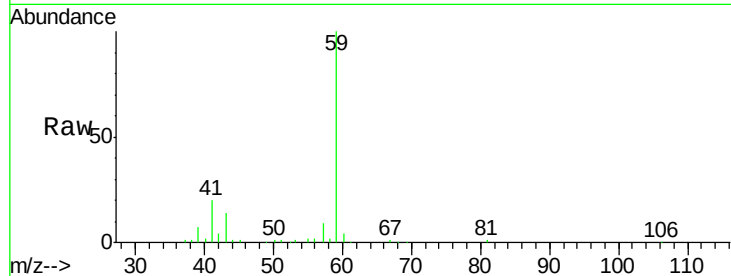
Tert butyl alcohol
 Concen: 475.616 ug/l
 RT: 4.98 min Scan# 532
 Delta R.T. 0.01 min
 Lab File: VY000146.D
 Acq: 26 Sep 2019 11:57

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

Tot Ion	59	Resp	81769
Ion Ratio	100	Lower	Upper
57	10.1	8.9	13.3

Manual Integrations
 APPROVED

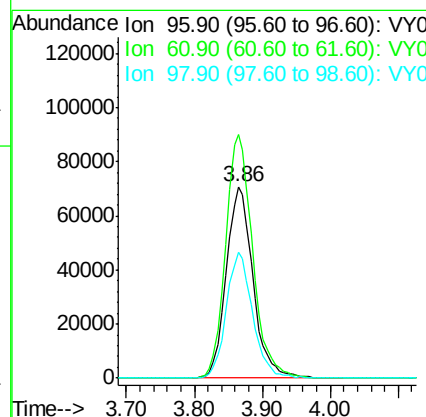
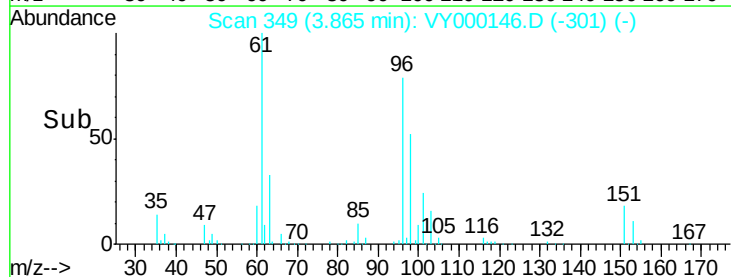
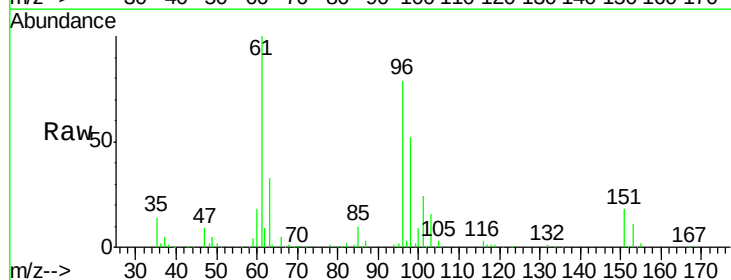
MMDadoda
 10/2/2019 9:13:01 AM

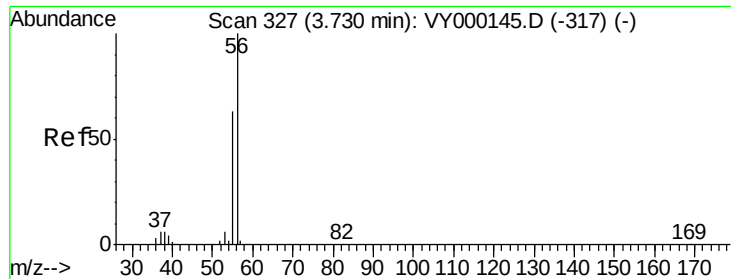


#12

1,1-Dichloroethene
 Concen: 95.468 ug/l
 RT: 3.86 min Scan# 349
 Delta R.T. -0.01 min
 Lab File: VY000146.D
 Acq: 26 Sep 2019 11:57

Tgt Ion	96	Resp	192897
Ion Ratio	100	Lower	Upper
61	127.0	103.6	155.4
98	66.0	48.7	73.1





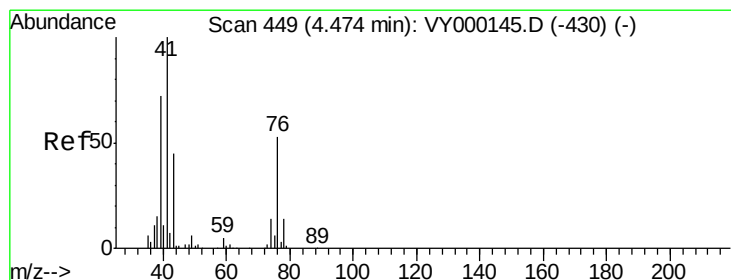
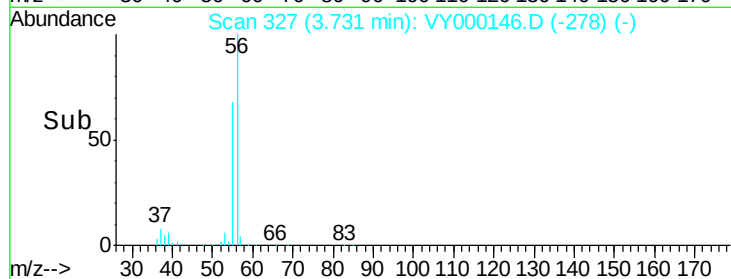
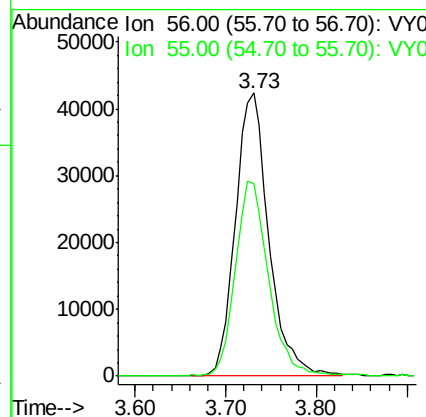
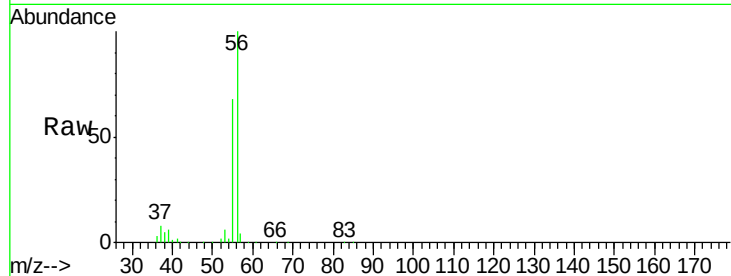
#13
Acrolein
Concen: 508.110 ug/l
RT: 3.73 min Scan# 327
Delta R.T. 0.00 min
Lab File: VY000146.D
Acq: 26 Sep 2019 11:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
56	100		
55	68.3	53.1	79.7

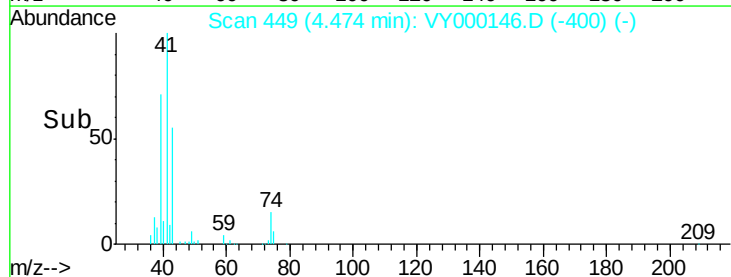
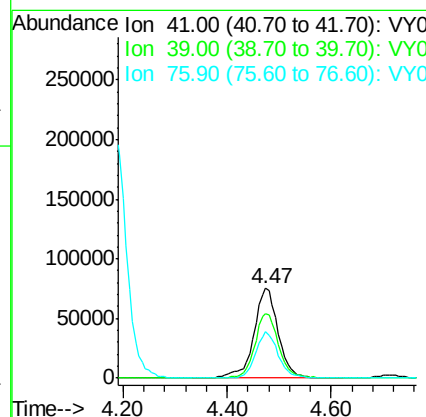
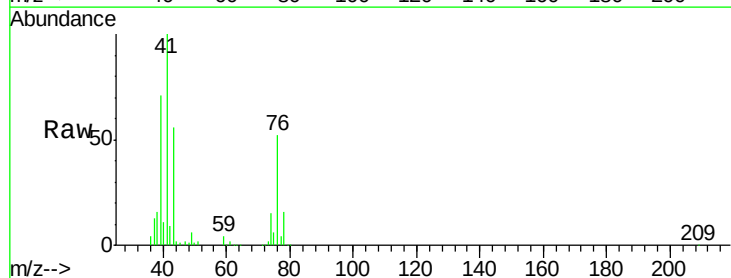
Manual Integrations
APPROVED

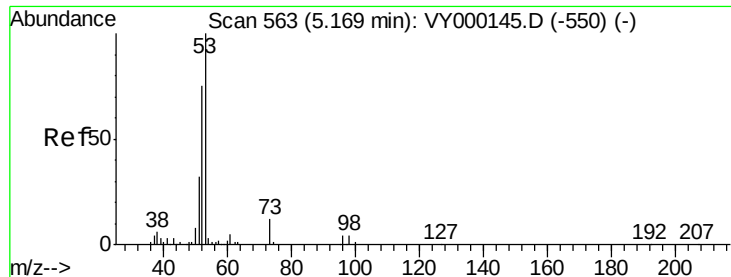
MMDadoda
10/2/2019 9:13:01 AM



#14
Allyl chloride
Concen: 95.899 ug/l
RT: 4.47 min Scan# 449
Delta R.T. 0.00 min
Lab File: VY000146.D
Acq: 26 Sep 2019 11:57

Tgt Ion	Ratio	Lower	Upper
41	100		
39	69.8	54.6	82.0
76	47.6	39.0	58.6





#15

Acrylonitrile

Concen: 498.437 ug/l

RT: 5.17 min Scan# 563

Delta R.T. 0.00 min

Lab File: VY000146.D

Acq: 26 Sep 2019 11:57

Instrument :

MSVOA_Y

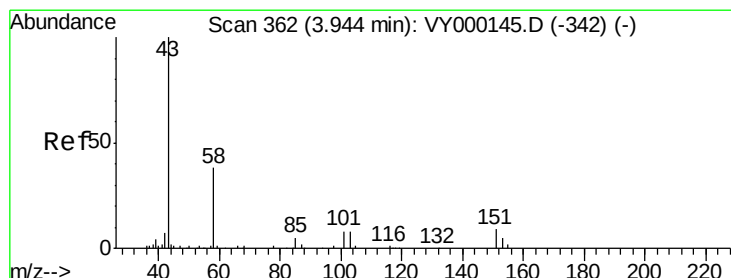
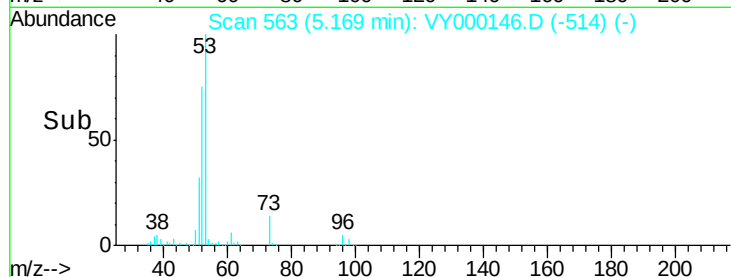
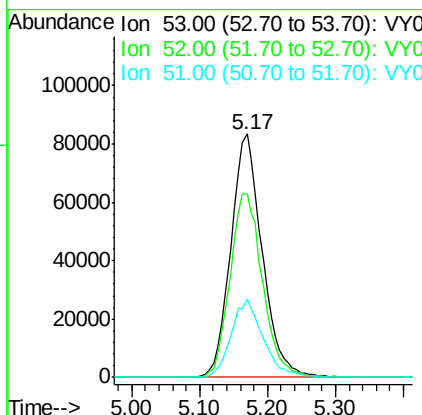
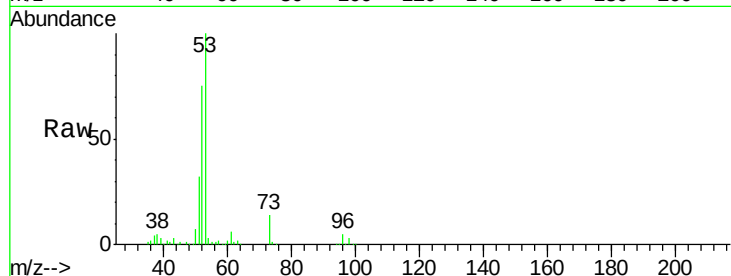
ClientSampleId :

VSTDICC100

Tot Ion:	53	Resp:	266763
Ion	Ratio	Lower	Upper
53	100		
52	78.0	62.9	94.3
51	32.7	27.5	41.3

Manual Integrations
APPROVED

MMDadoda
10/2/2019 9:13:01 AM



#16

Acetone

Concen: 473.976 ug/l

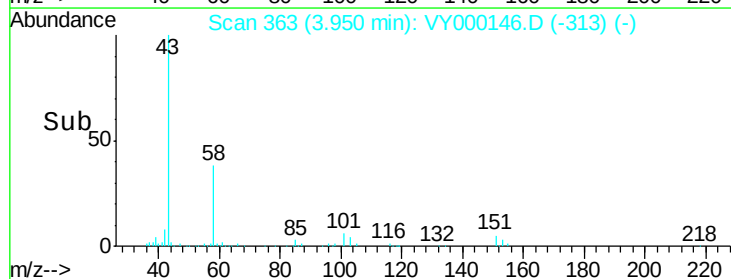
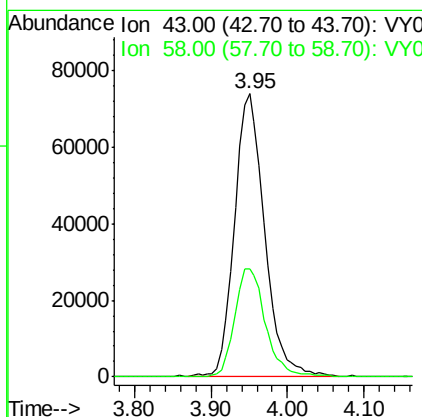
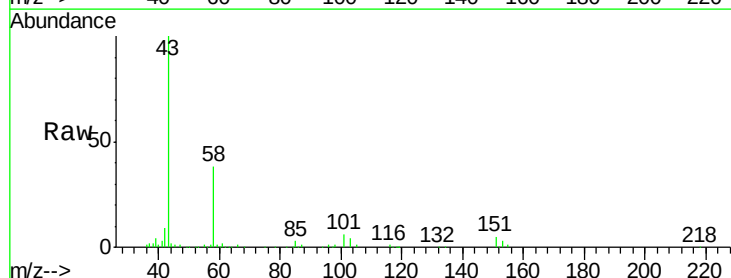
RT: 3.95 min Scan# 363

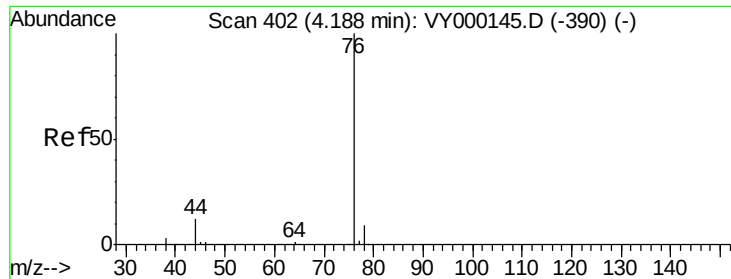
Delta R.T. 0.01 min

Lab File: VY000146.D

Acq: 26 Sep 2019 11:57

Tgt Ion:	43	Resp:	199853
Ion	Ratio	Lower	Upper
43	100		
58	38.1	30.4	45.6





#17

Carbon Disulfide

Concen: 92.617 ug/l

RT: 4.18 min Scan# 401

Delta R.T. -0.01 min

Lab File: VY000146.D

Acq: 26 Sep 2019 11:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tot Ion: 76 Resp: 580482

Ion Ratio Lower Upper

76 100

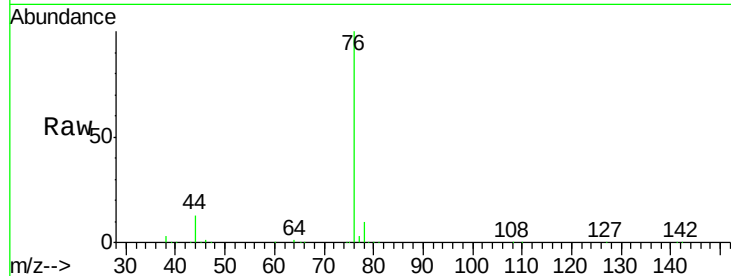
78 9.5 7.0 10.4

Manual Integrations

APPROVED

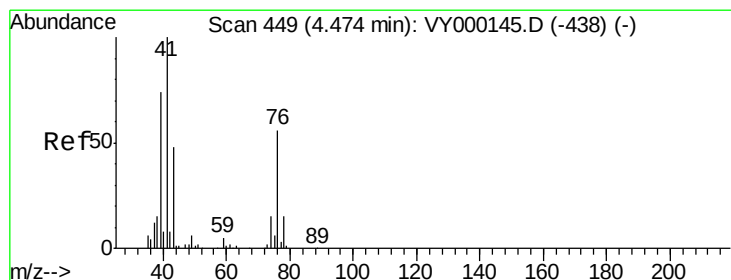
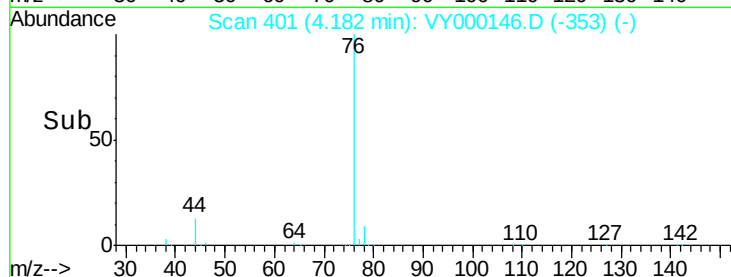
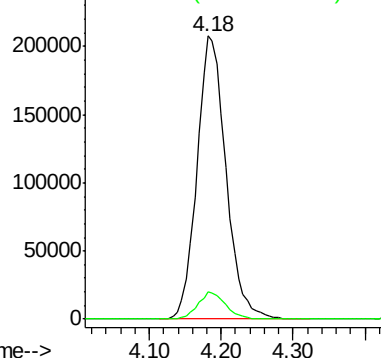
MMDadoda

10/2/2019 9:13:01 AM



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 98.431 ug/l

RT: 4.47 min Scan# 449

Delta R.T. 0.00 min

Lab File: VY000146.D

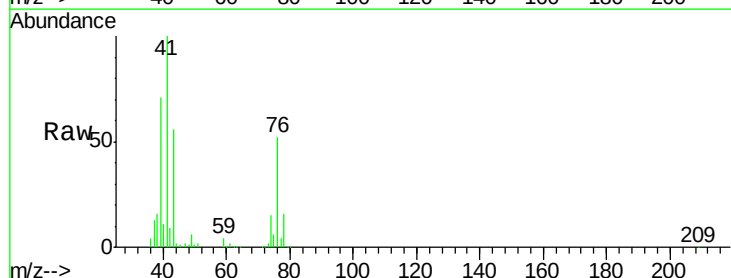
Acq: 26 Sep 2019 11:57

Tgt Ion: 43 Resp: 122834

Ion Ratio Lower Upper

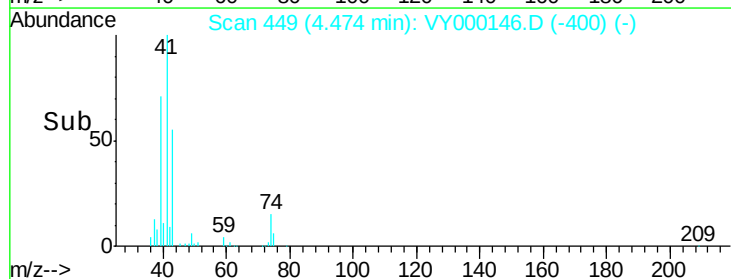
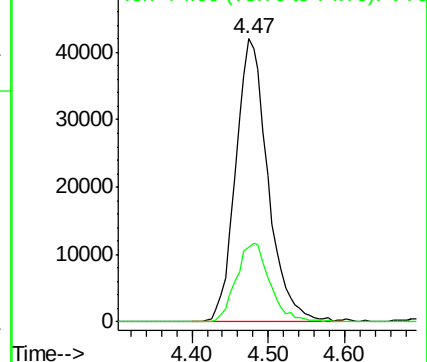
43 100

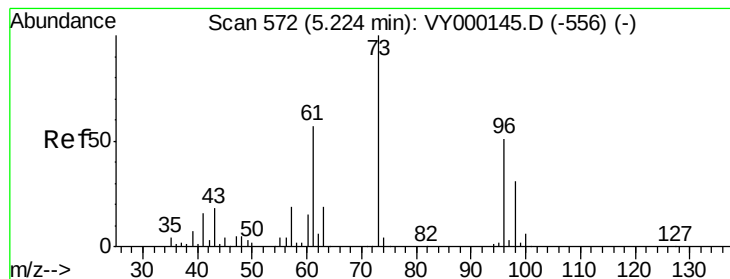
74 29.0 25.6 38.4



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0





#19

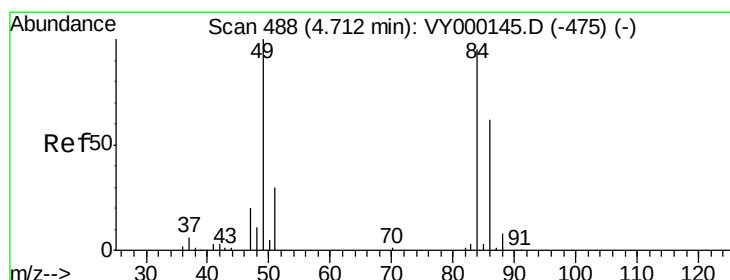
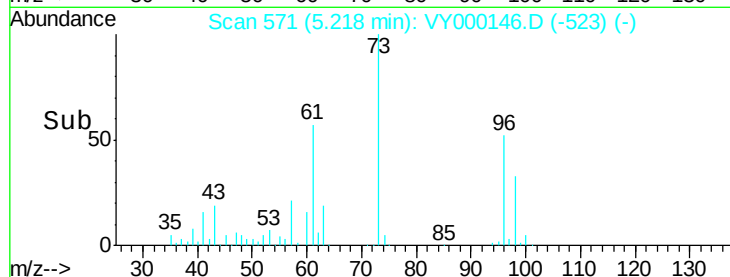
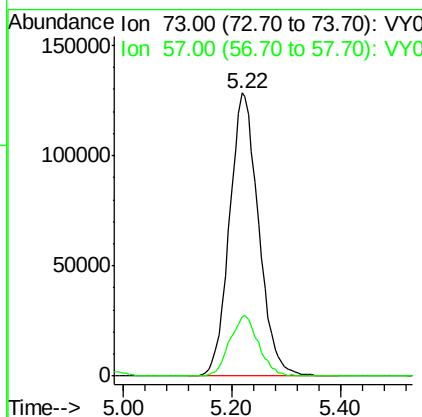
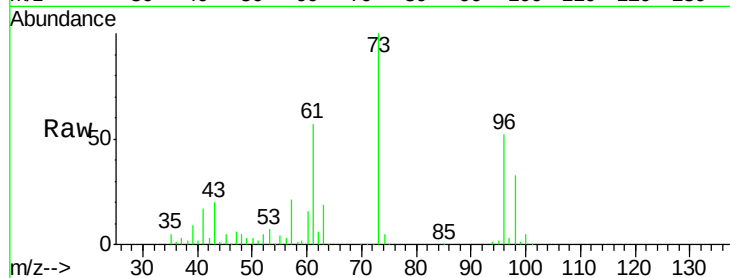
Methyl tert-butyl Ether
 Concen: 99.884 ug/l
 RT: 5.22 min Scan# 571
 Delta R.T. -0.01 min
 Lab File: VY000146.D
 Acq: 26 Sep 2019 11:57

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.1	15.5	23.3

Manual Integrations
 APPROVED

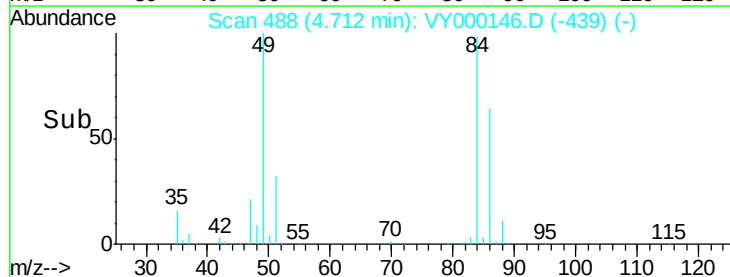
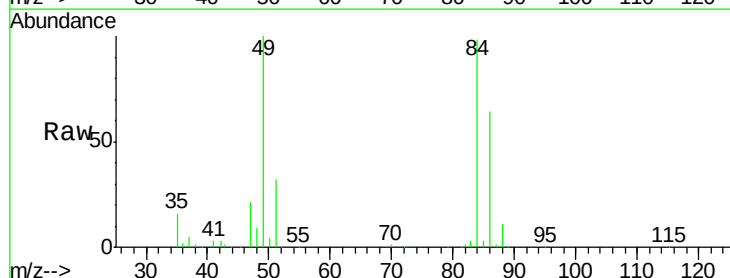
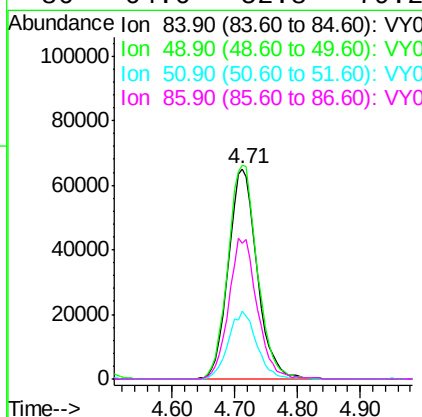
MMDadoda
 10/2/2019 9:13:01 AM

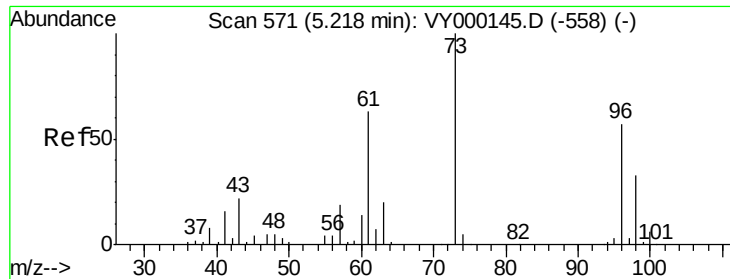


#20

Methylene Chloride
 Concen: 84.520 ug/l
 RT: 4.71 min Scan# 488
 Delta R.T. 0.00 min
 Lab File: VY000146.D
 Acq: 26 Sep 2019 11:57

Tgt Ion	Ratio	Lower	Upper
84	100		
49	101.6	84.6	126.8
51	32.6	25.4	38.2
86	64.6	52.8	79.2





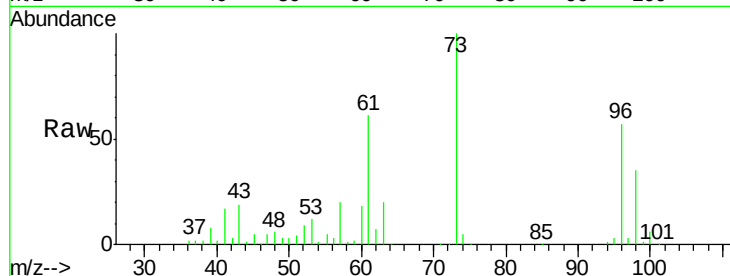
#21
trans-1,2-Dichloroethene
Concen: 94.610 ug/l
RT: 5.21 min Scan# 570
Delta R.T. -0.01 min
Lab File: VY000146.D
Acq: 26 Sep 2019 11:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
96	100	212989		
61	108.1		88.0	132.0
98	62.2		45.6	68.4

Manual Integrations
APPROVED

MMDadoda
10/2/2019 9:13:01 AM

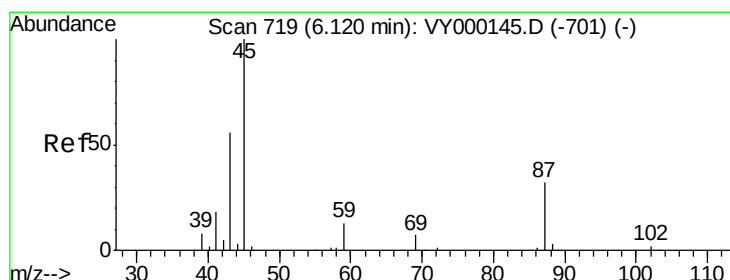
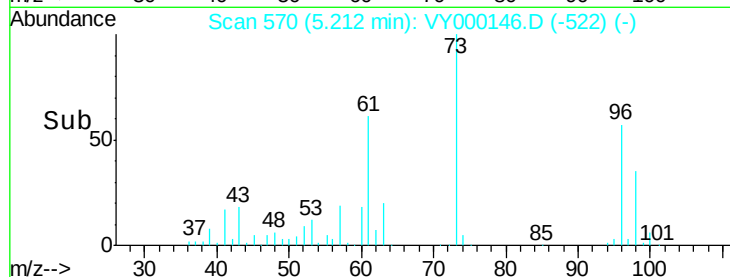
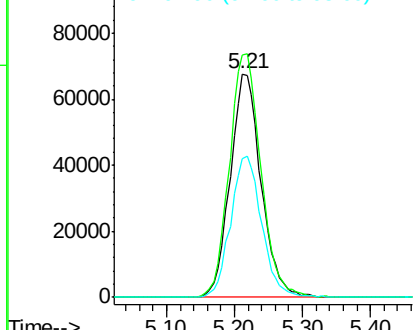


Abundance

Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0



#22
Diisopropyl ether
Concen: 97.467 ug/l
RT: 6.12 min Scan# 719
Delta R.T. 0.00 min
Lab File: VY000146.D
Acq: 26 Sep 2019 11:57

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	517910		
43	62.4		48.4	72.6
87	35.3		26.6	39.8
59	12.3		10.5	15.7

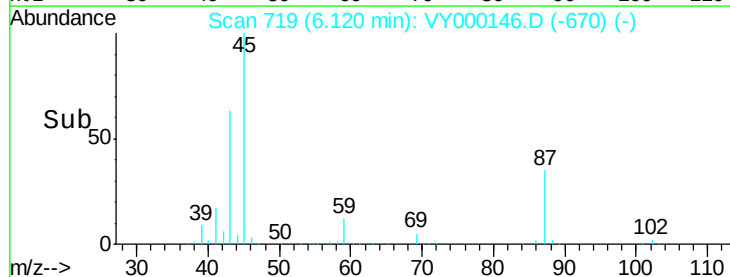
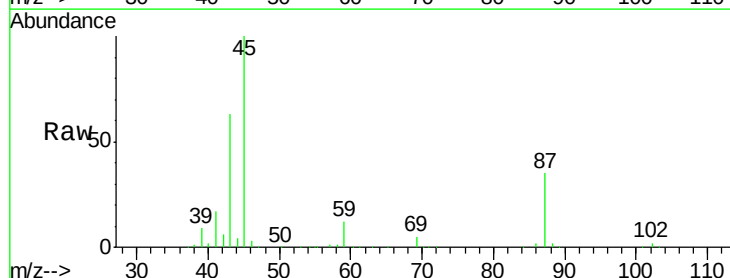
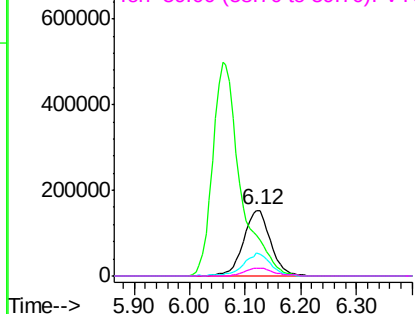
Abundance

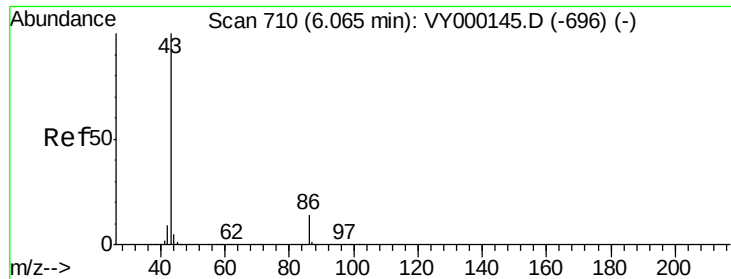
Ion 45.00 (44.70 to 45.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 87.00 (86.70 to 87.70): VY0

Ion 59.00 (58.70 to 59.70): VY0





#23

Vinyl Acetate

Concen: 518.940 ug/l

RT: 6.06 min Scan# 709

Delta R.T. -0.01 min

Lab File: VY000146.D

Acq: 26 Sep 2019 11:57

Tot Ion: 43 Resp: 1728138

Ion Ratio Lower Upper

43 100

86 12.6 11.1 16.7

Instrument :

MSVOA_Y

ClientSampleId :

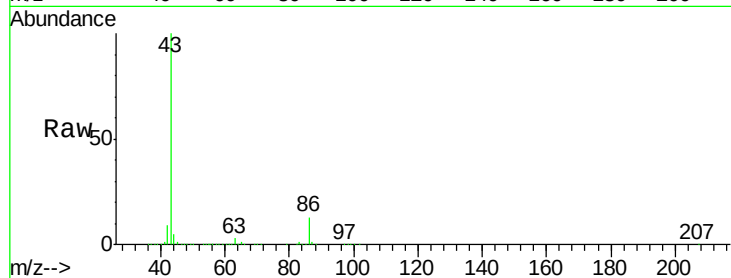
VSTDIC100

Manual Integrations

APPROVED

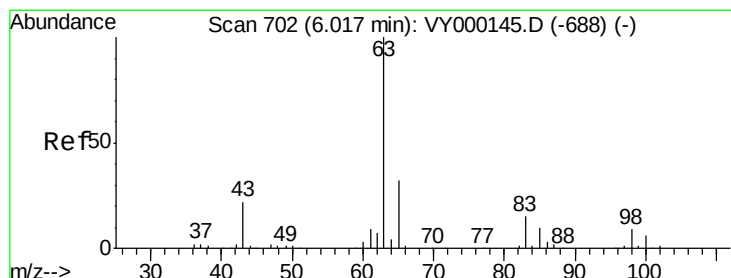
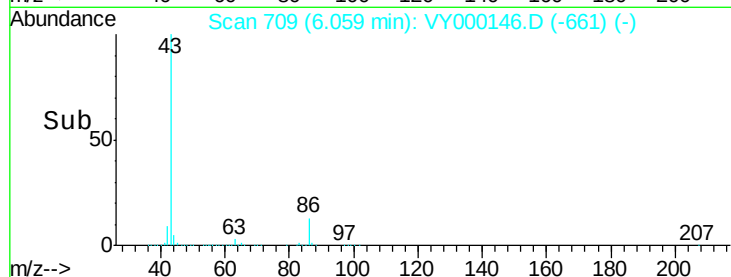
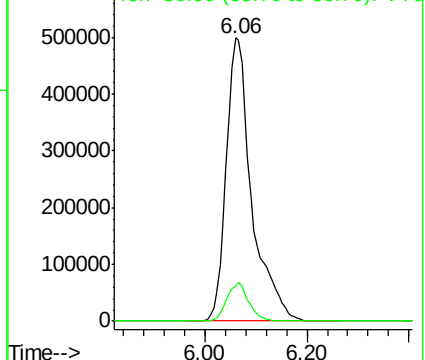
MMDadoda

10/2/2019 9:13:01 AM



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 94.947 ug/l

RT: 6.02 min Scan# 702

Delta R.T. 0.00 min

Lab File: VY000146.D

Acq: 26 Sep 2019 11:57

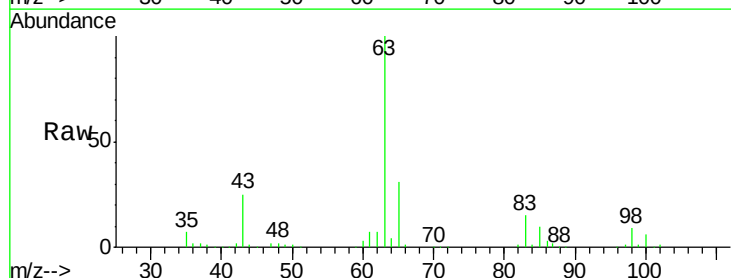
Tgt Ion: 63 Resp: 305416

Ion Ratio Lower Upper

63 100

98 9.0 4.6 13.8

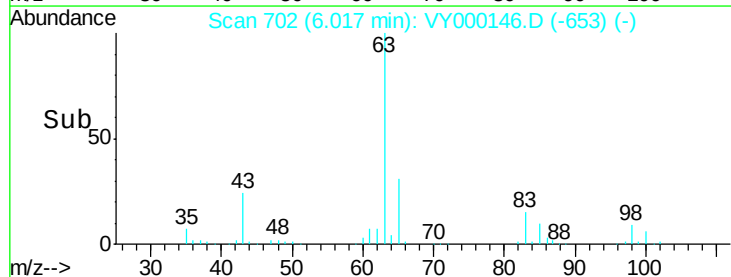
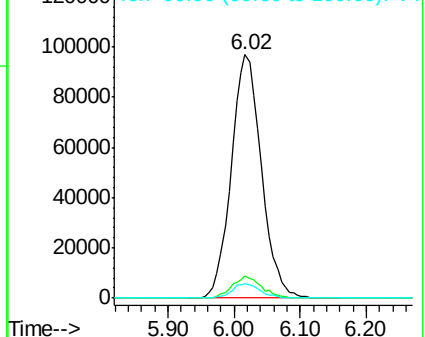
100 6.0 2.8 8.4

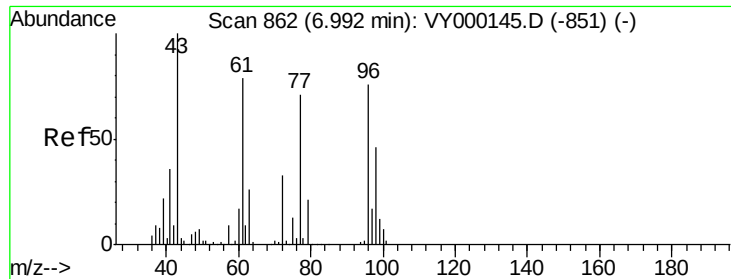


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 512.703 ug/l

RT: 6.99 min Scan# 862

Delta R.T. 0.00 min

Lab File: VY000146.D

Acq: 26 Sep 2019 11:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tot Ion: 43 Resp: 338716

Ion Ratio Lower Upper

43 100

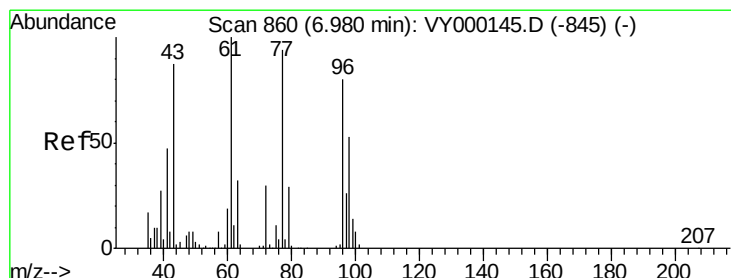
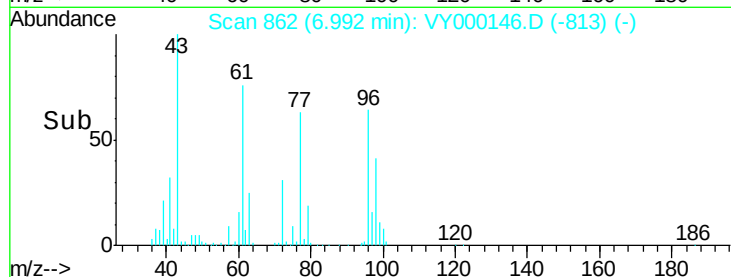
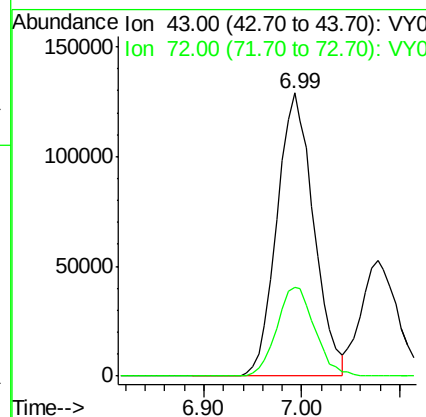
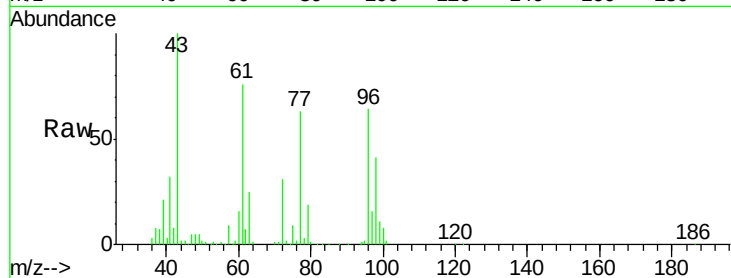
72 31.5 26.8 40.2

Manual Integrations

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10/2/2019 9:13:01 AM



#26

2,2-Dichloropropane

Concen: 92.785 ug/l

RT: 6.99 min Scan# 861

Delta R.T. 0.01 min

Lab File: VY000146.D

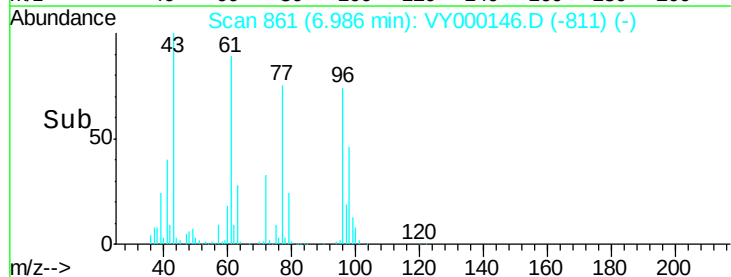
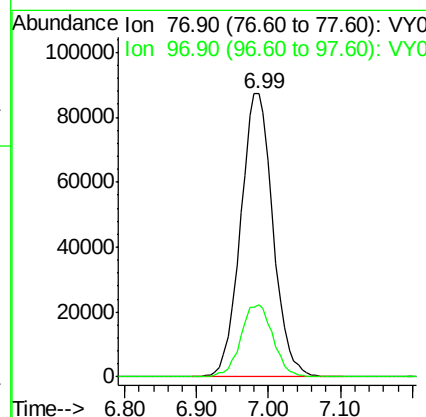
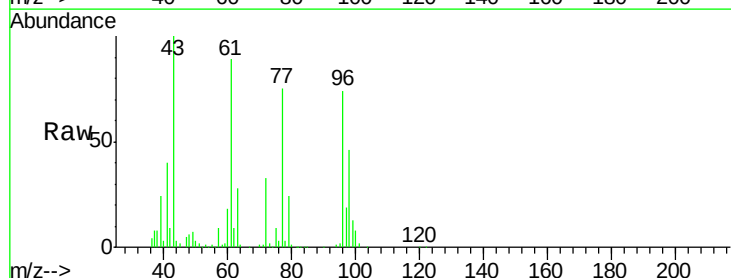
Acq: 26 Sep 2019 11:57

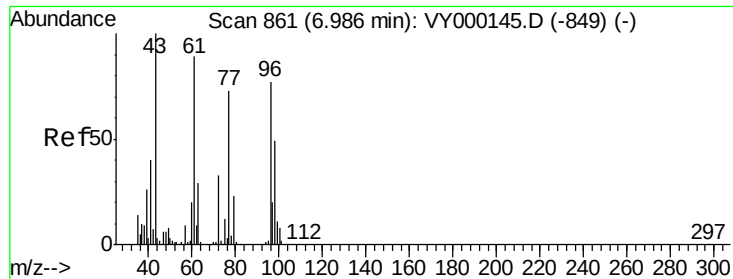
Tgt Ion: 77 Resp: 271384

Ion Ratio Lower Upper

77 100

97 25.4 13.0 38.9





#27

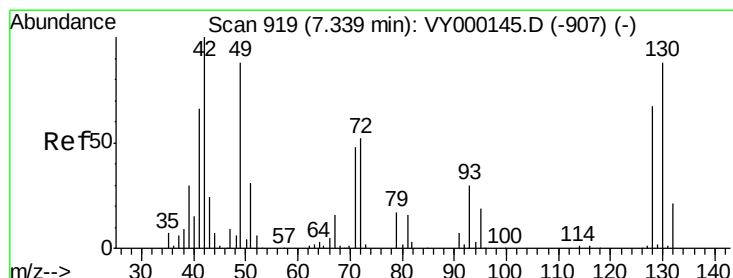
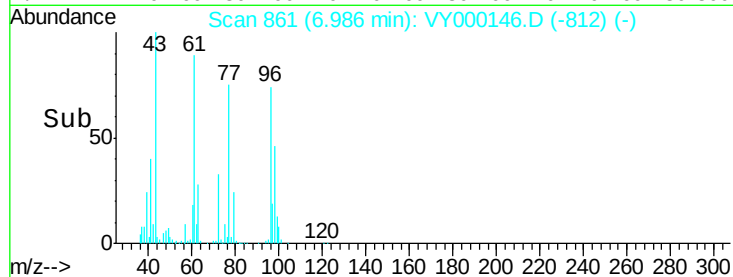
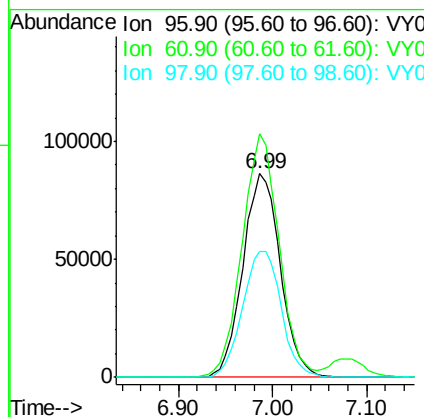
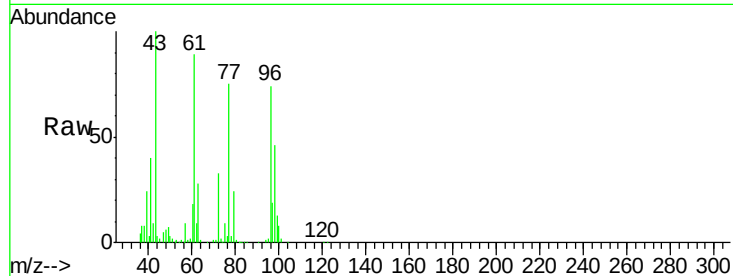
cis-1,2-Dichloroethene
Concen: 95.757 ug/l
RT: 6.99 min Scan# 861
Delta R.T. 0.00 min
Lab File: VY000146.D
Acq: 26 Sep 2019 11:57

Instrument :
MSVOA_Y
ClientSampled :
VSTDICC100

Tot Ion	Ratio	Resp	Lower	Upper
96	100	239577		
61	117.8	0.0	232.8	
98	63.9	0.0	128.8	

Manual Integrations
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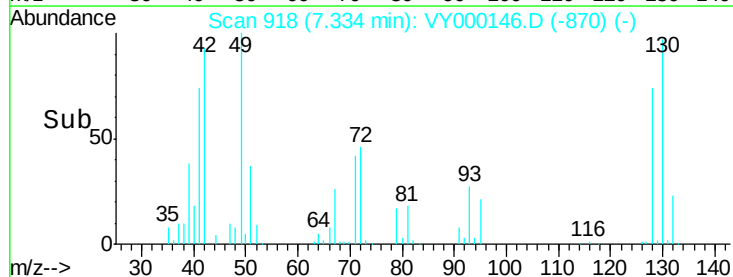
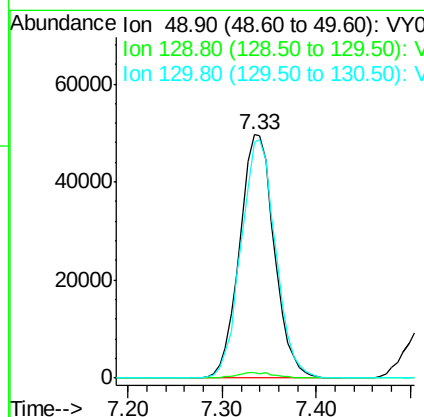
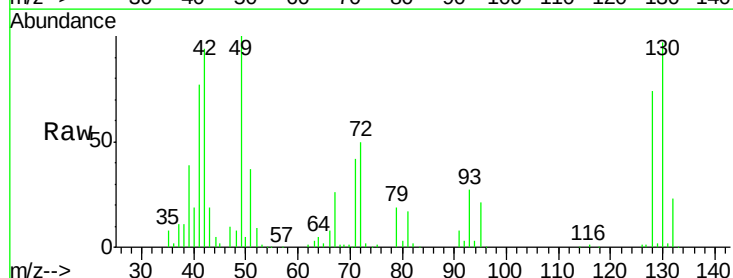
MMDadoda
10/2/2019 9:13:01 AM

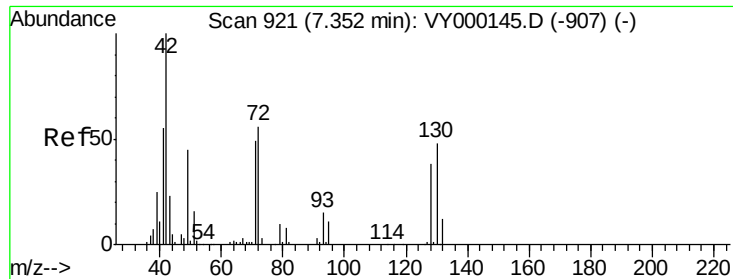


#28

Bromochloromethane
Concen: 104.353 ug/l
RT: 7.33 min Scan# 918
Delta R.T. -0.01 min
Lab File: VY000146.D
Acq: 26 Sep 2019 11:57

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	127887		
129	2.4	0.0	4.6	
130	97.4	79.5	119.3	





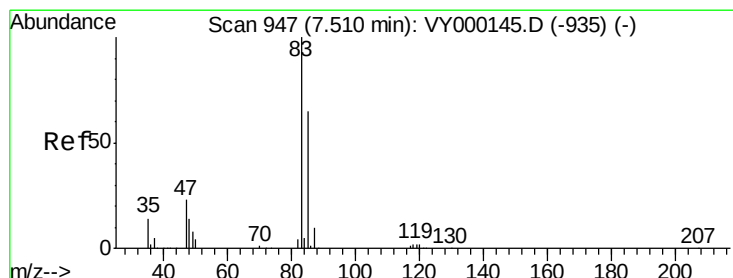
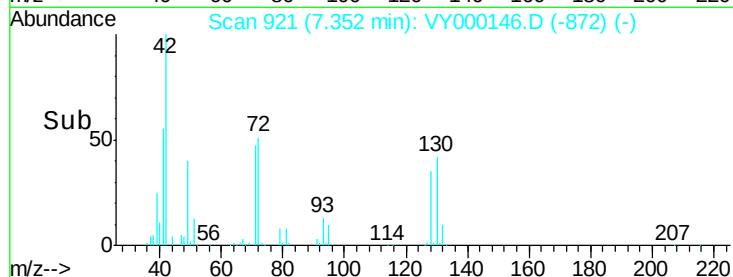
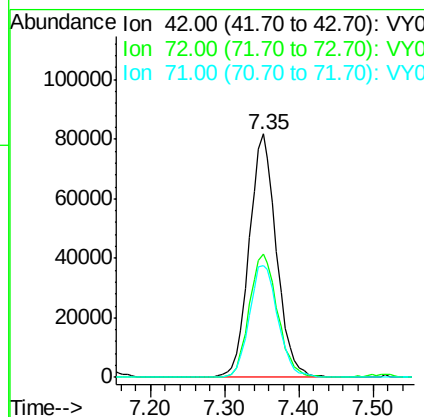
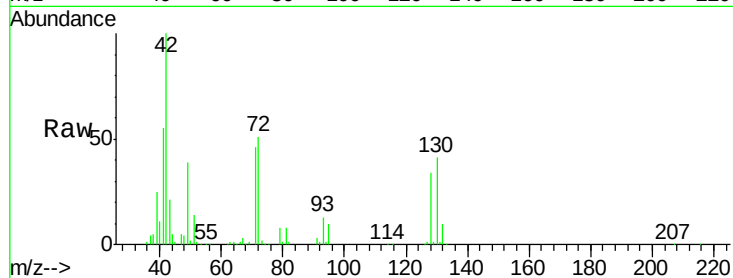
#29
Tetrahydrofuran
Concen: 514.236 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.00 min
Lab File: VY000146.D
Acq: 26 Sep 2019 11:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
42	100		
72	52.6	43.1	64.7
71	48.0	39.4	59.2

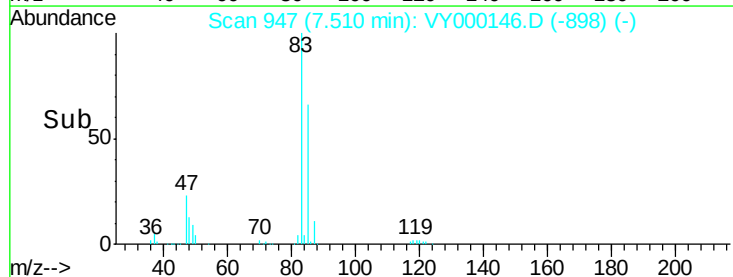
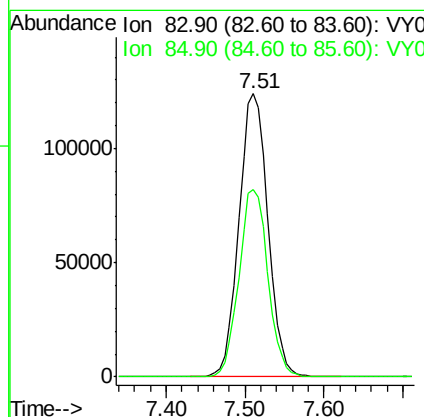
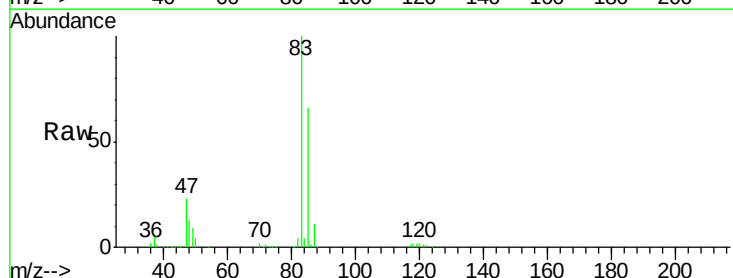
Manual Integrations
APPROVED

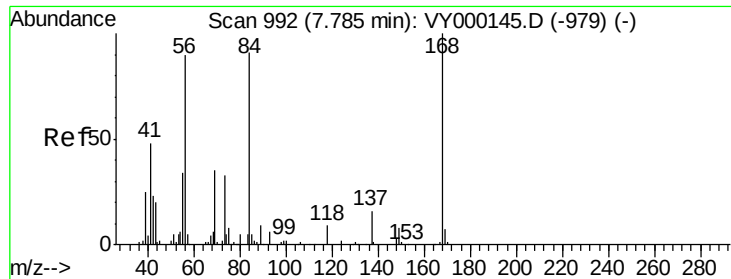
MMDadoda
10/2/2019 9:13:01 AM



#30
Chloroform
Concen: 93.823 ug/l
RT: 7.51 min Scan# 947
Delta R.T. 0.00 min
Lab File: VY000146.D
Acq: 26 Sep 2019 11:57

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.3	52.4	78.6





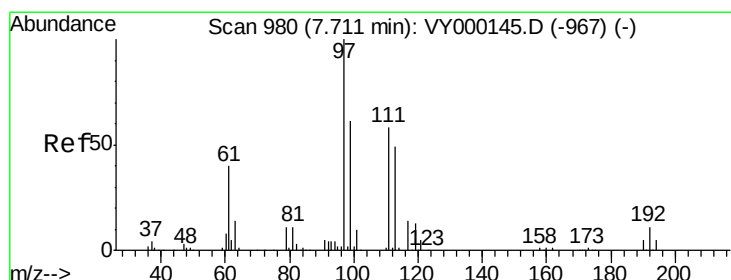
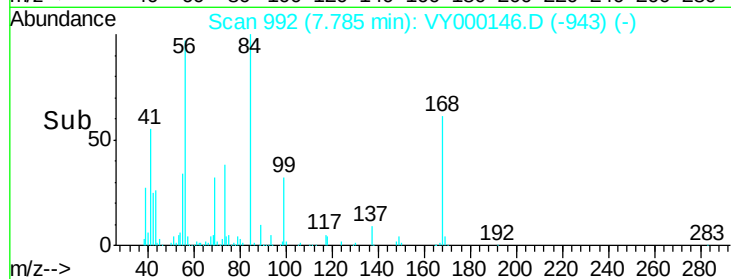
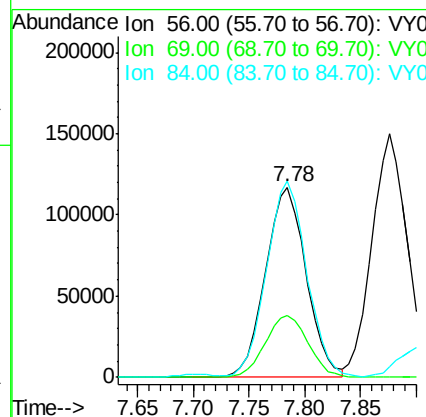
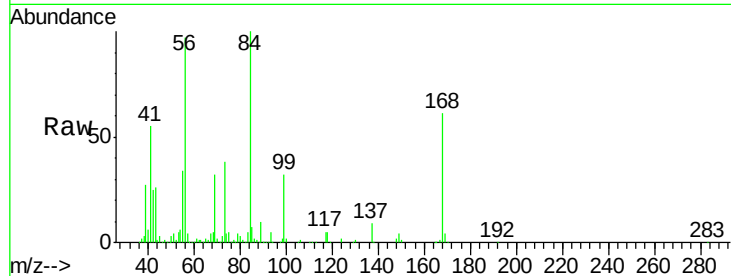
#31
Cyclohexane
Concen: 89.931 ug/l
RT: 7.78 min Scan# 992
Delta R.T. 0.00 min
Lab File: VY000146.D
Acq: 26 Sep 2019 11:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.6	31.1	46.7
84	101.7	80.5	120.7

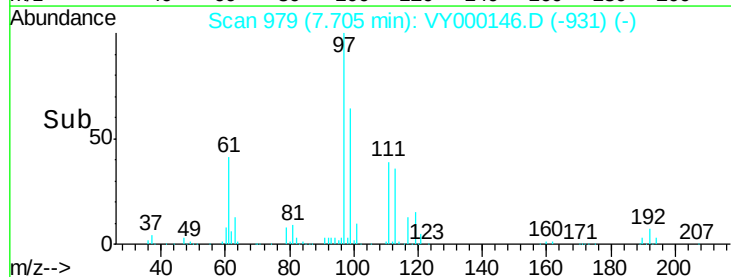
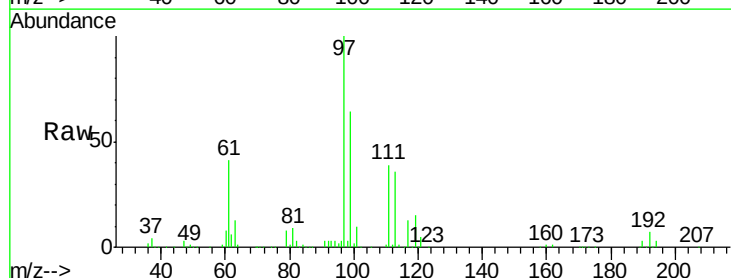
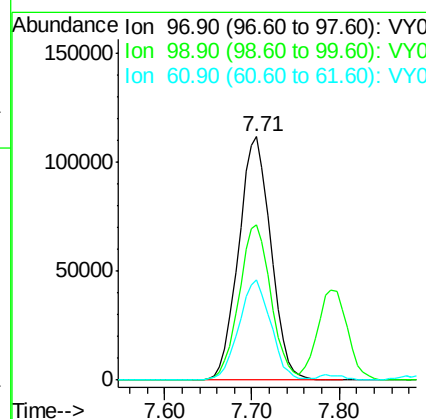
Manual Integrations
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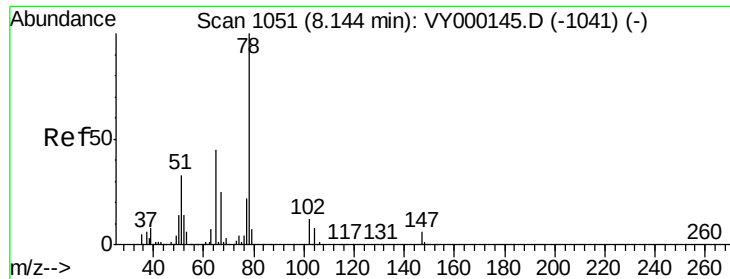
MMDadoda
10/2/2019 9:13:01 AM



#32
1,1,1-Trichloroethane
Concen: 96.934 ug/l
RT: 7.71 min Scan# 979
Delta R.T. -0.01 min
Lab File: VY000146.D
Acq: 26 Sep 2019 11:57

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.4	50.5	75.7
61	40.7	32.9	49.3





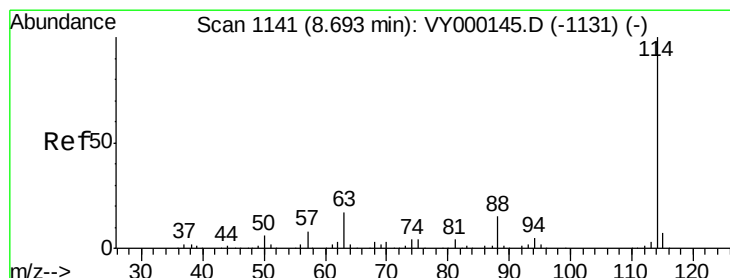
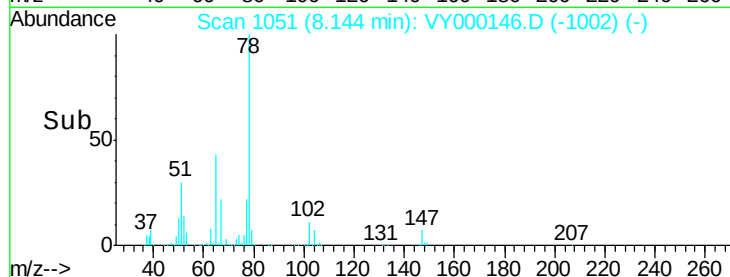
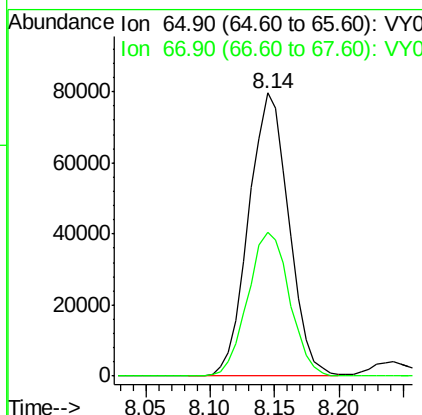
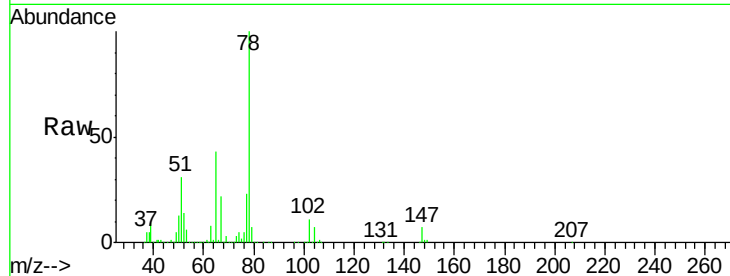
#33
 1,2-Dichloroethane-d4
 Concen: 99.849 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VY000146.D
 Acq: 26 Sep 2019 11:57

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.1	0.0	110.6

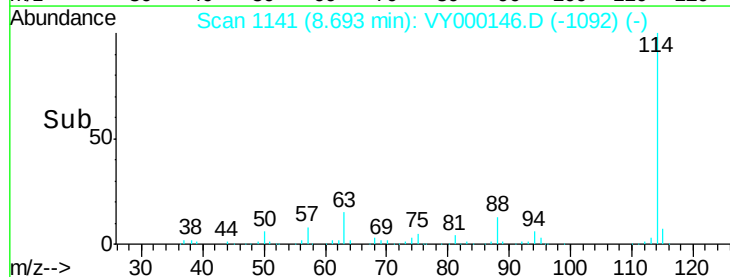
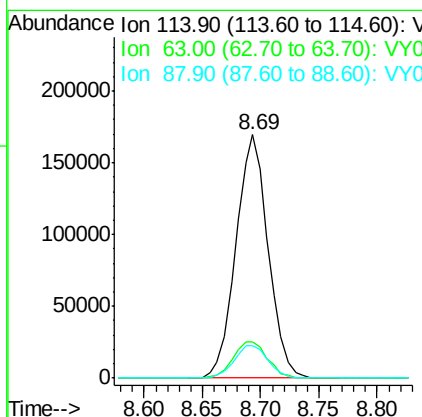
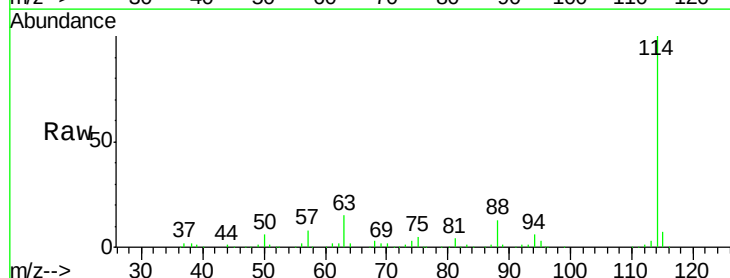
Manual Integrations
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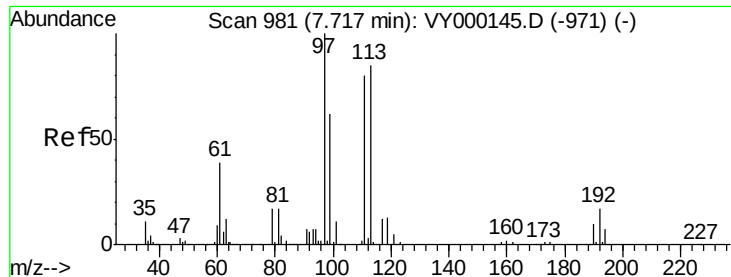
MMDadoda
 10/2/2019 9:13:01 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY000146.D
 Acq: 26 Sep 2019 11:57

Tgt Ion	Ratio	Lower	Upper
114	100		
63	14.7	0.0	34.6
88	13.2	0.0	30.6





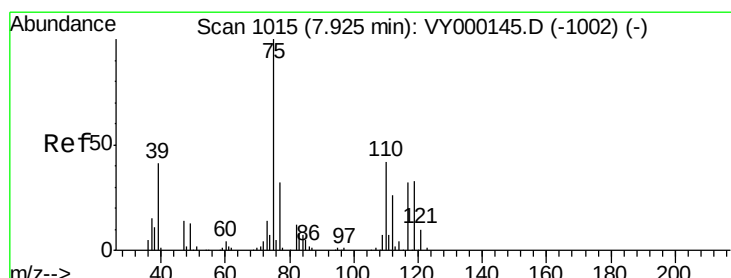
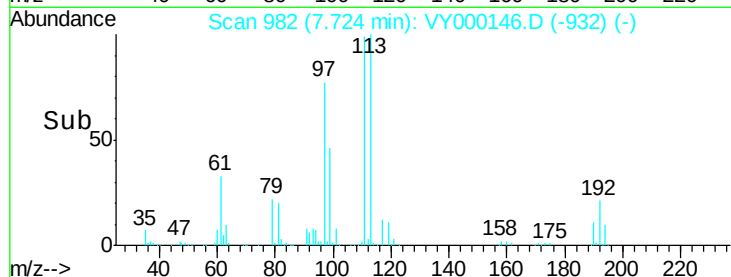
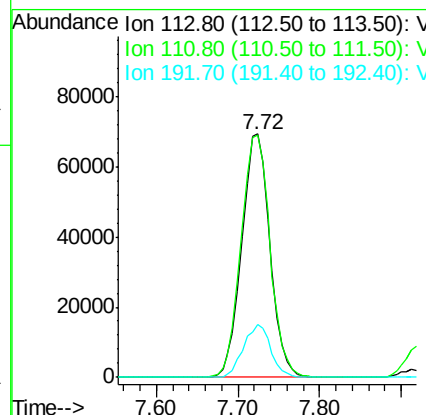
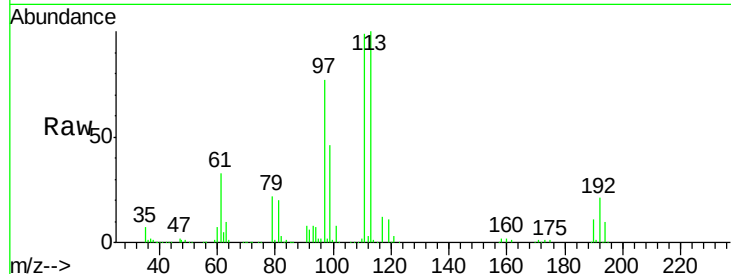
#35
 Dibromofluoromethane
 Concen: 97.427 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. 0.01 min
 Lab File: VY000146.D
 Acq: 26 Sep 2019 11:57

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
113	100	165711		
111	102.5	82.0	123.0	
192	21.1	17.3	25.9	

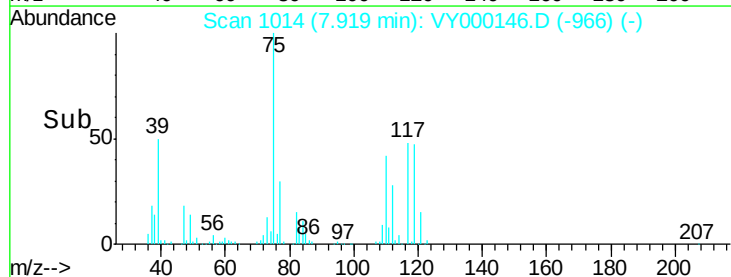
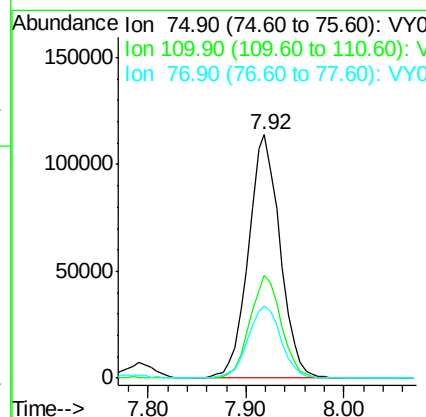
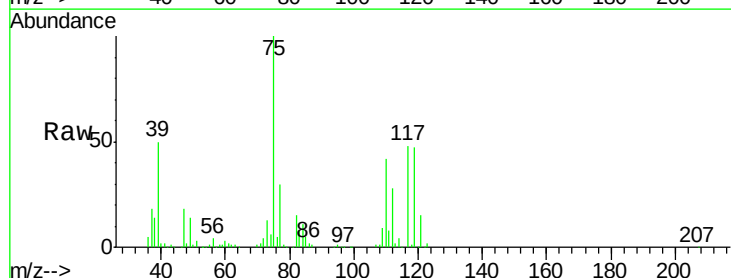
Manual Integrations
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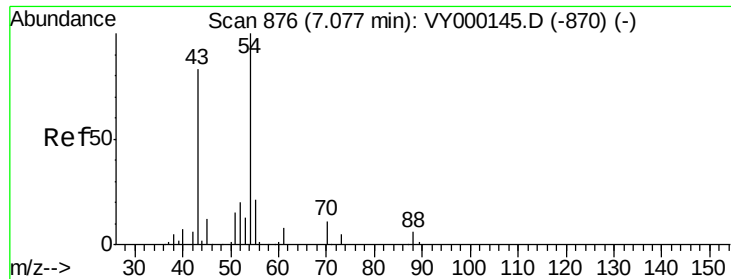
MMDadoda
 10/2/2019 9:13:01 AM



#36
 1,1-Dichloropropene
 Concen: 94.338 ug/l
 RT: 7.92 min Scan# 1014
 Delta R.T. -0.01 min
 Lab File: VY000146.D
 Acq: 26 Sep 2019 11:57

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	254620		
110	41.6	21.1	63.1	
77	31.1	24.6	36.8	





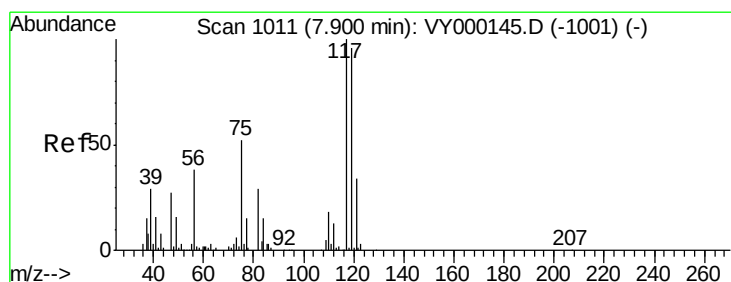
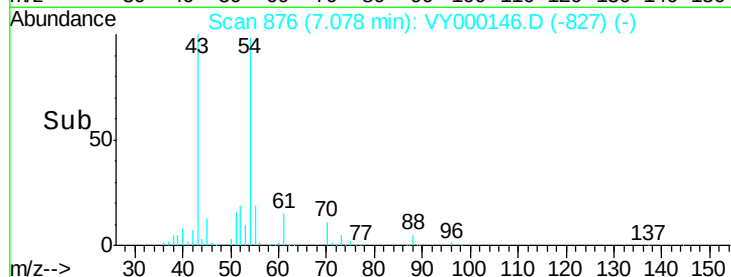
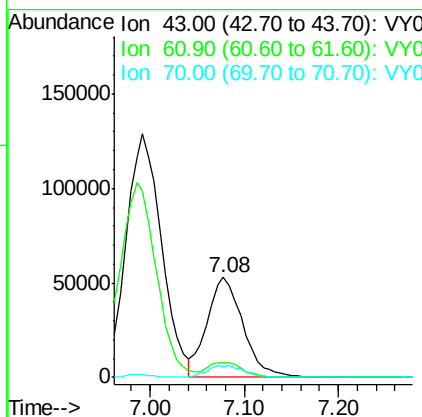
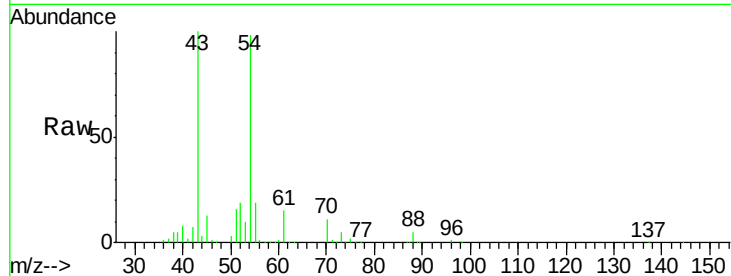
#37
Ethyl Acetate
Concen: 98.019 ug/l
RT: 7.08 min Scan# 876
Delta R.T. 0.00 min
Lab File: VY000146.D
Acq: 26 Sep 2019 11:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.7	11.9	17.9
70	12.0	10.2	15.2

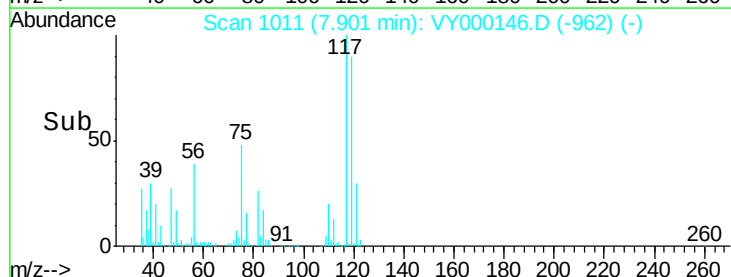
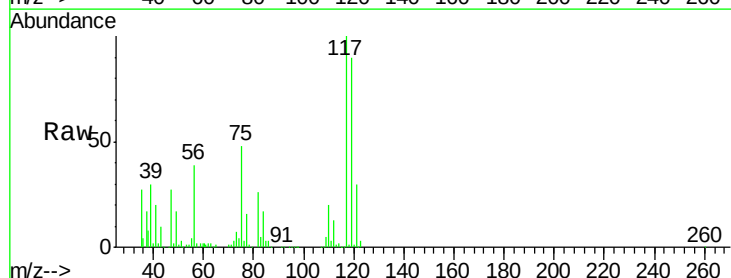
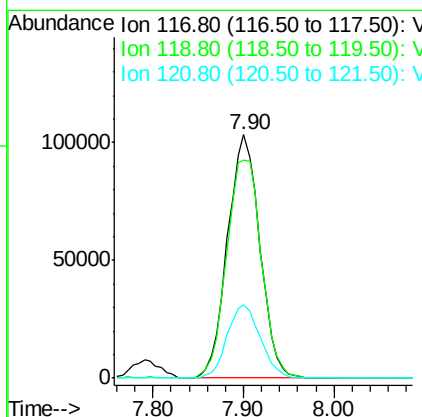
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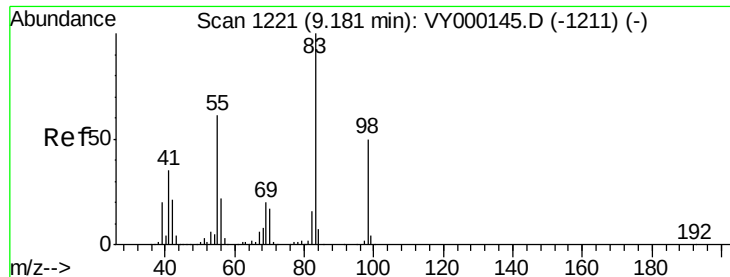
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10/2/2019 9:13:01 AM



#38
Carbon Tetrachloride
Concen: 96.991 ug/l
RT: 7.90 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VY000146.D
Acq: 26 Sep 2019 11:57

Tgt Ion	Ratio	Lower	Upper
117	100		
119	89.5	76.9	115.3
121	30.0	27.4	41.0





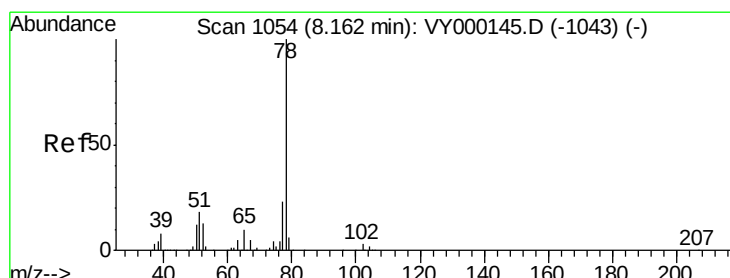
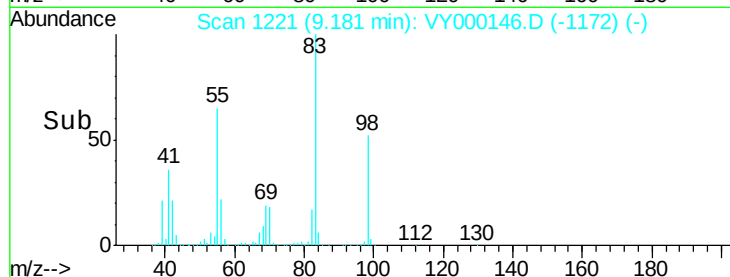
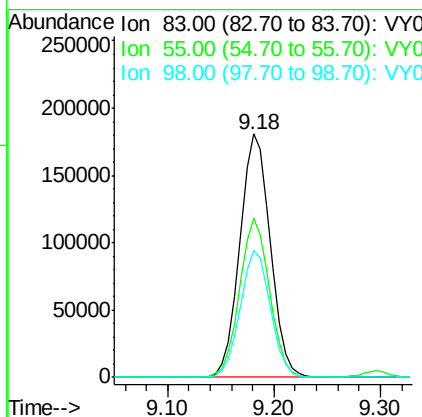
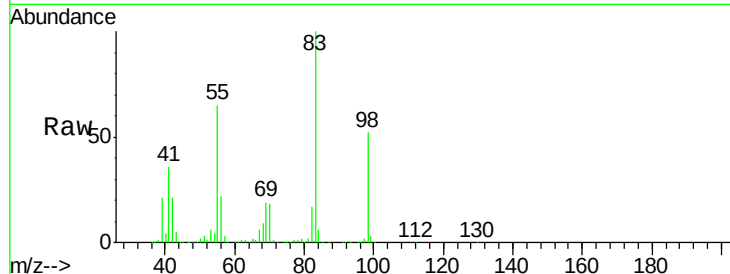
#39
Methylvlcyclohexane
Concen: 94.900 ug/l
RT: 9.18 min Scan# 1221
Delta R.T. 0.00 min
Lab File: VY000146.D
Acq: 26 Sep 2019 11:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	65.2	49.1	73.7	
98	52.0	40.0	60.0	

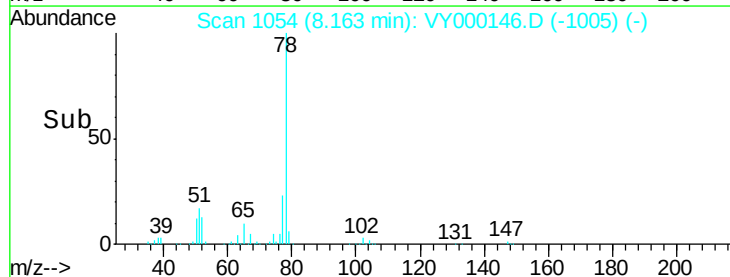
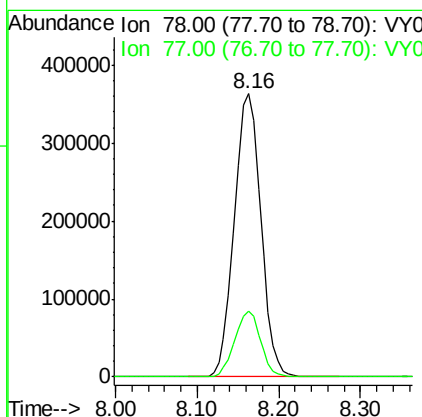
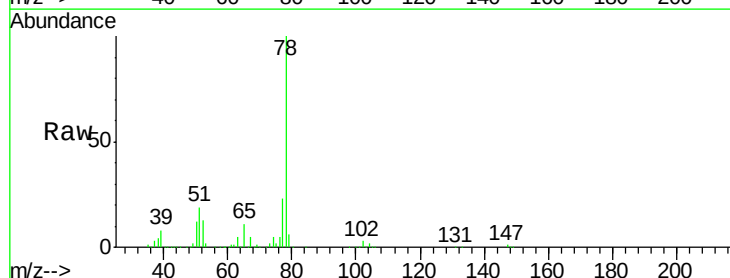
Manual Integrations
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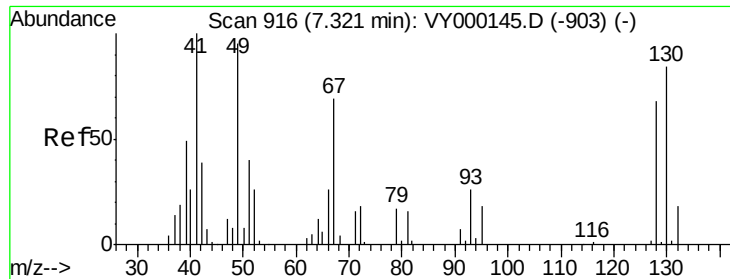
MMDadoda
10/2/2019 9:13:01 AM



#40
Benzene
Concen: 95.544 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VY000146.D
Acq: 26 Sep 2019 11:57

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	23.4	18.2	27.4	





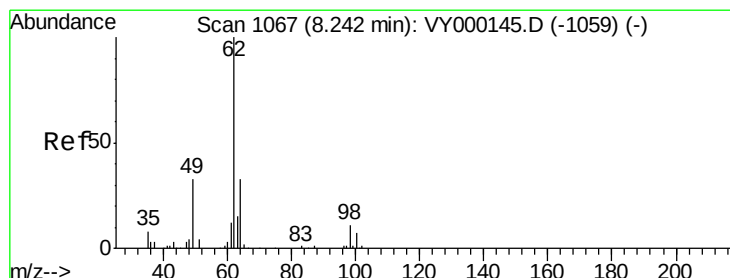
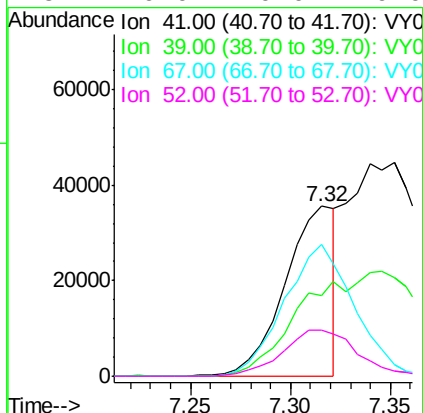
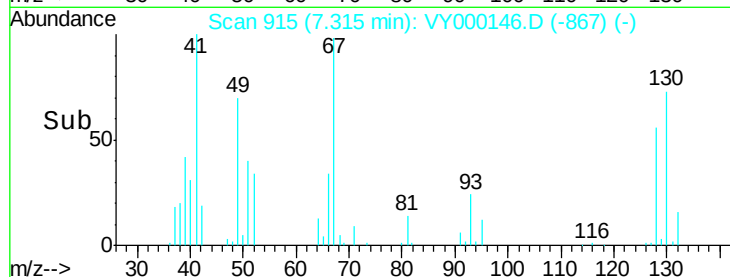
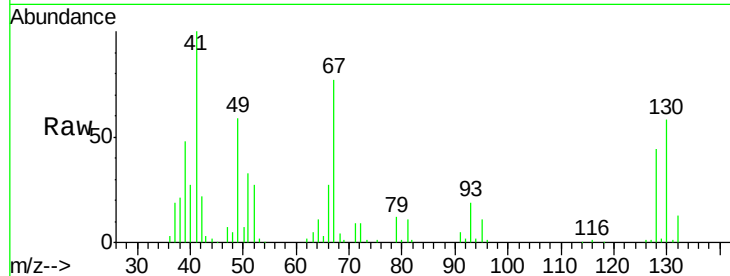
#41
Methacrylonitrile
Concen: 82.148 ug/l m
RT: 7.32 min Scan# 915
Delta R.T. -0.01 min
Lab File: VY000146.D
Acq: 26 Sep 2019 11:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tot Ion	41	Resp	63506
Ion Ratio	Lower	Upper	
41	100		
39	145.6	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

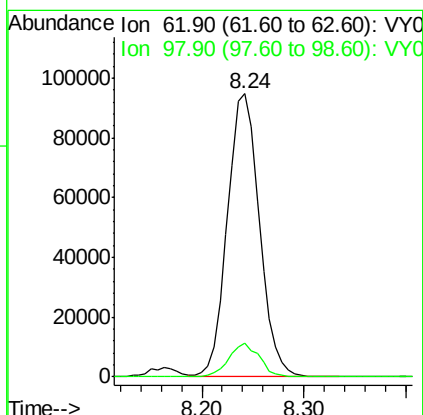
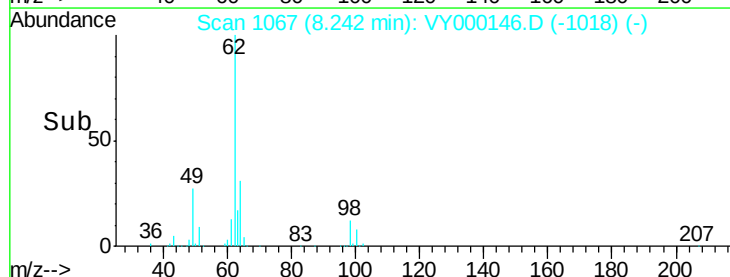
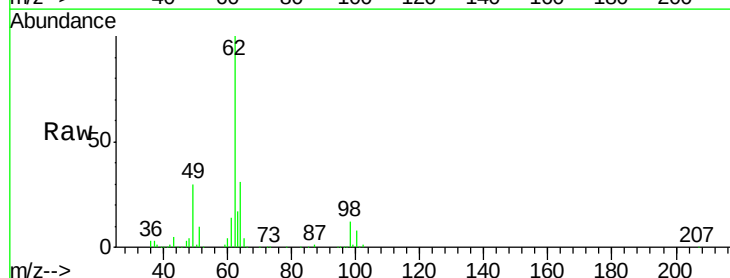
Manual Integrations
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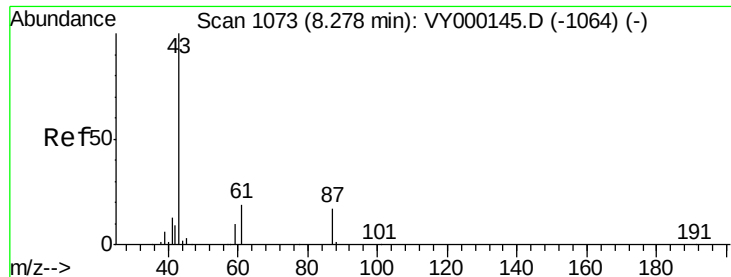
MMDadoda
10/2/2019 9:13:01 AM



#42
1,2-Dichloroethane
Concen: 99.358 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. 0.00 min
Lab File: VY000146.D
Acq: 26 Sep 2019 11:57

Tgt Ion	62	Resp	206111
Ion Ratio	Lower	Upper	
62	100		
98	11.4	0.0	24.8





#43

Isopropyl Acetate

Concen: 102.669 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. 0.00 min

Lab File: VY000146.D

Acq: 26 Sep 2019 11:57

Instrument :

MSVOA_Y

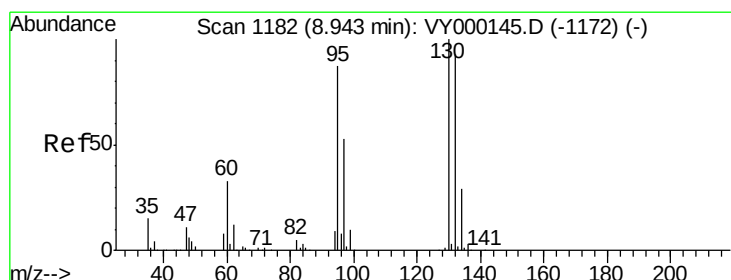
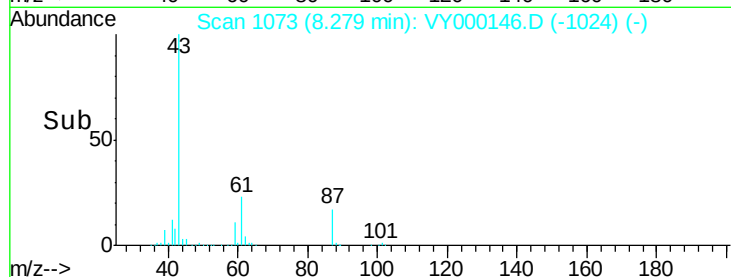
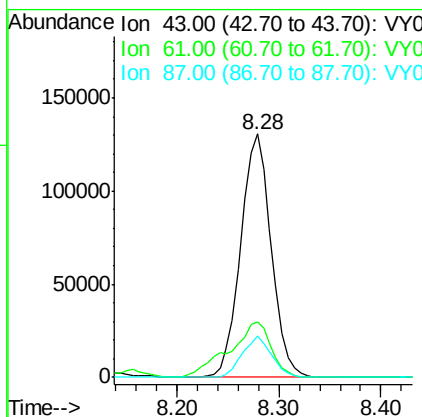
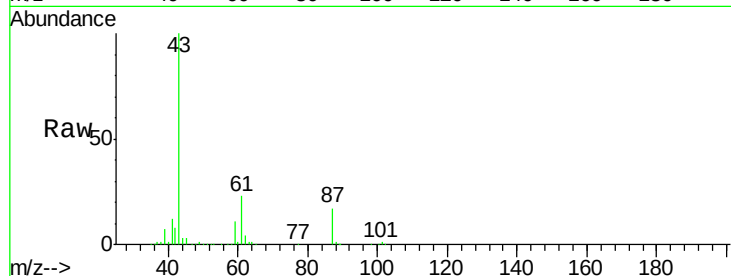
ClientSampleId :

VSTDIC100

Tot Ion:	43	Resp:	270403
Ion	Ratio	Lower	Upper
43	100		
61	31.6	25.6	38.4
87	16.5	13.5	20.3

Manual Integrations
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MMDadoda
10/2/2019 9:13:01 AM



#44

Trichloroethene

Concen: 96.376 ug/l

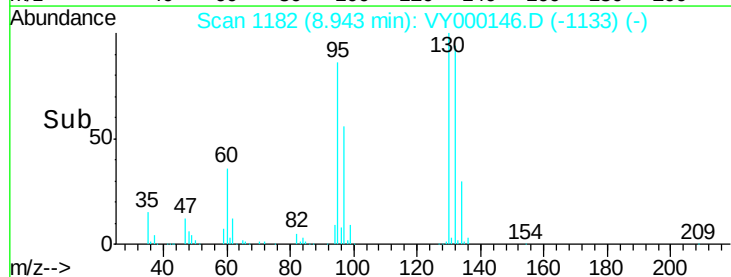
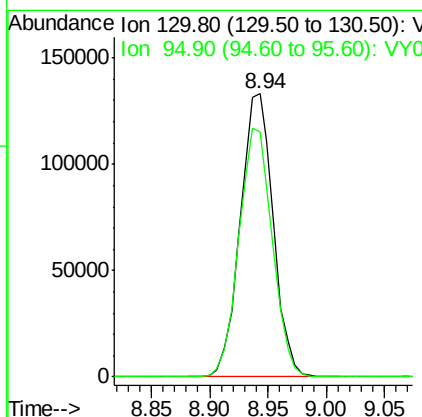
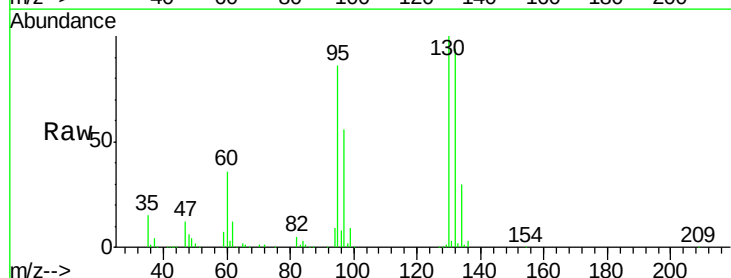
RT: 8.94 min Scan# 1182

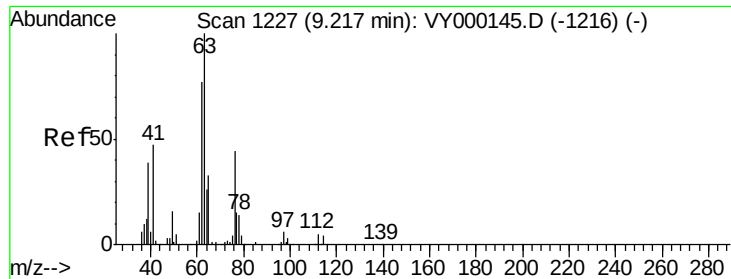
Delta R.T. 0.00 min

Lab File: VY000146.D

Acq: 26 Sep 2019 11:57

Tgt Ion:	130	Resp:	262580
Ion	Ratio	Lower	Upper
130	100		
95	86.4	0.0	174.8





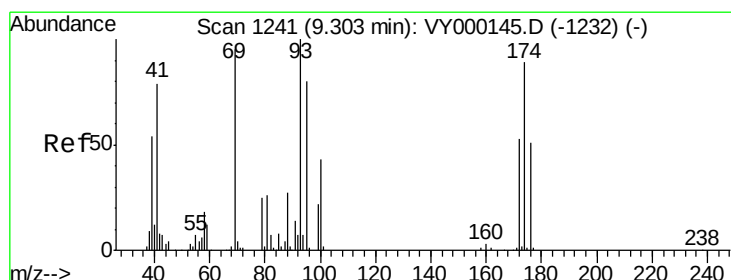
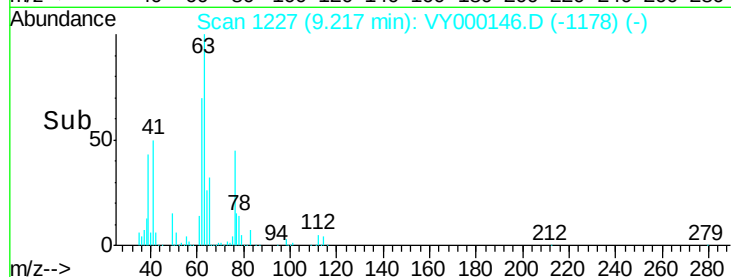
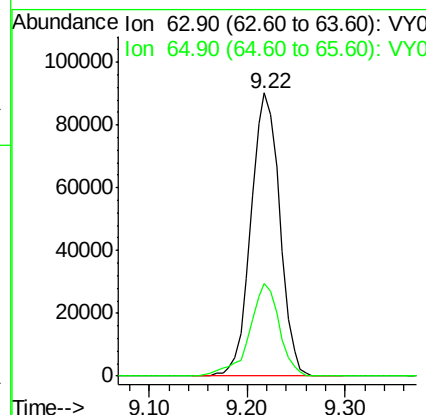
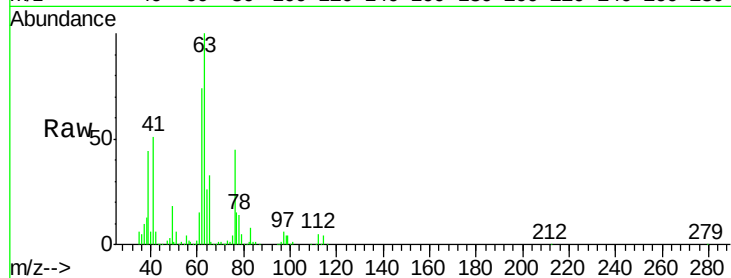
#45
 1,2-Dichloropropane
 Concen: 98.018 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. 0.00 min
 Lab File: VY000146.D
 Acq: 26 Sep 2019 11:57

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.6	26.8	40.2

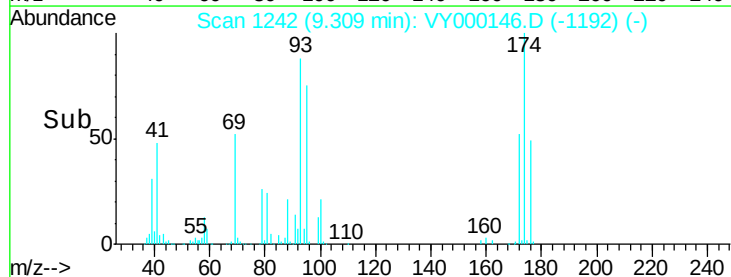
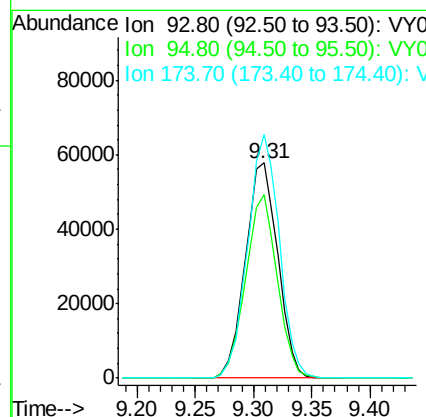
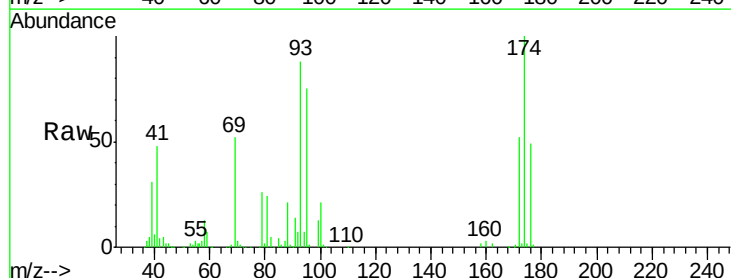
Manual Integrations
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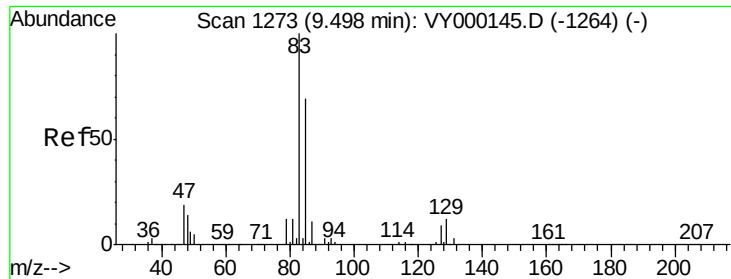
MMDadoda
 10/2/2019 9:13:01 AM



#46
 Dibromomethane
 Concen: 98.149 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. 0.01 min
 Lab File: VY000146.D
 Acq: 26 Sep 2019 11:57

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.1	66.3	99.5
174	110.3	87.3	130.9





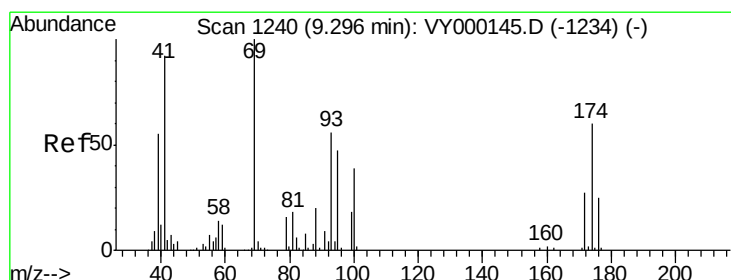
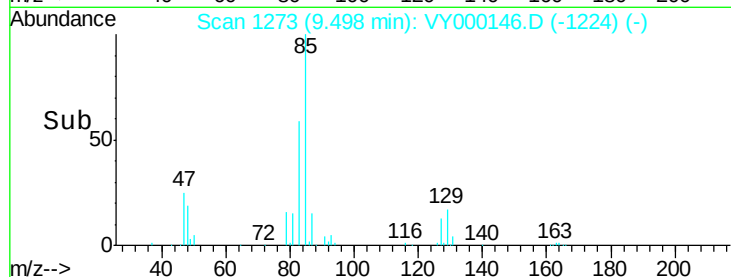
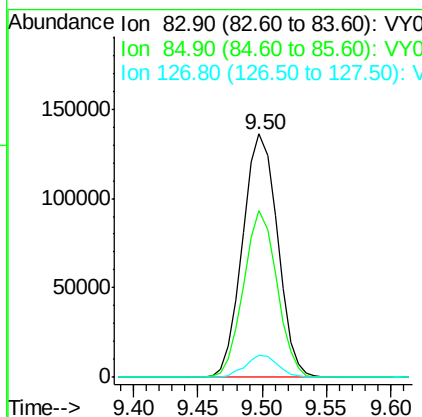
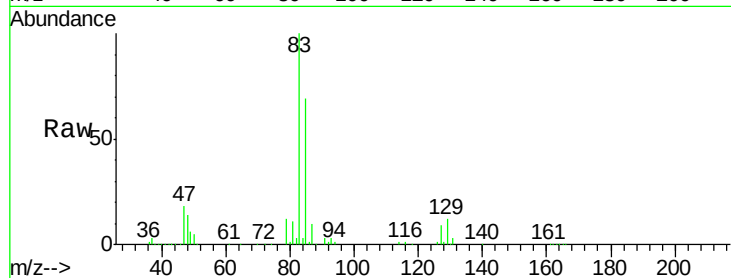
#47
Bromodichloromethane
Concen: 98.719 ug/l
RT: 9.50 min Scan# 1273
Delta R.T. 0.00 min
Lab File: VY000146.D
Acq: 26 Sep 2019 11:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
83	100	255410		
85	68.6		55.1	82.7
127	8.9		6.9	10.3

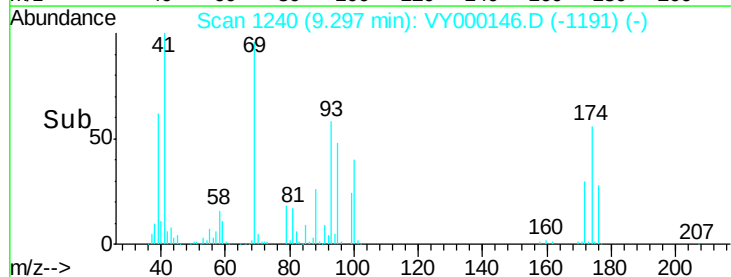
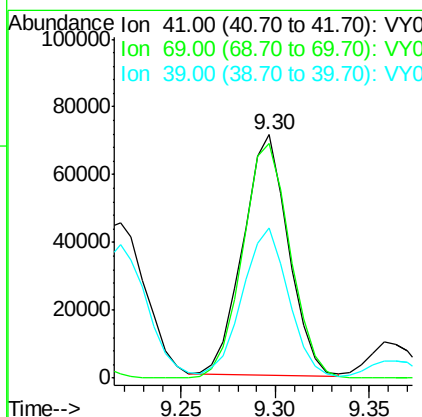
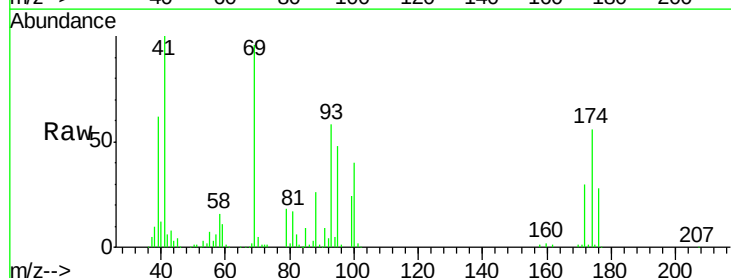
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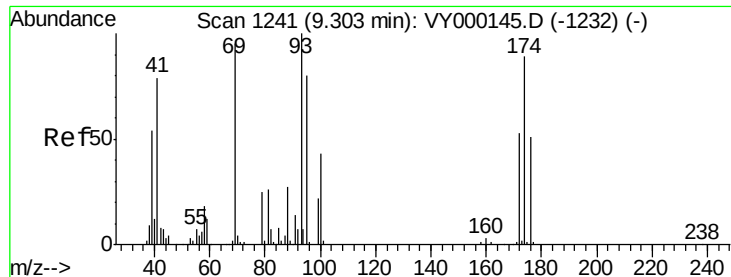
MMDadoda
10/2/2019 9:13:01 AM



#48
Methyl methacrylate
Concen: 100.088 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VY000146.D
Acq: 26 Sep 2019 11:57

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	118039		
69	102.5		86.5	129.7
39	64.3		51.0	76.6





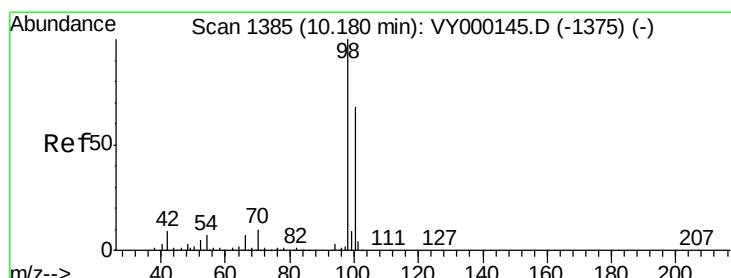
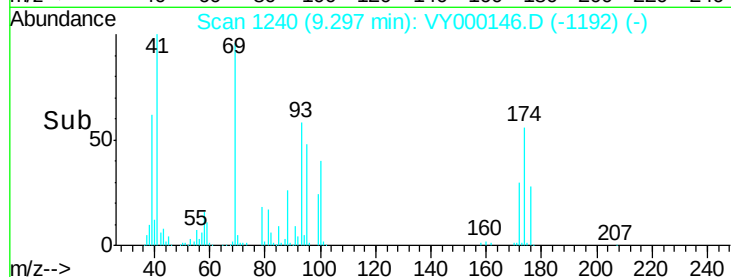
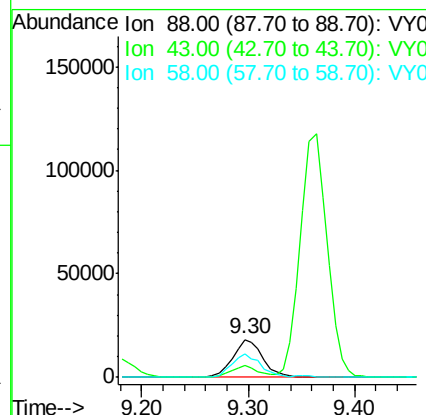
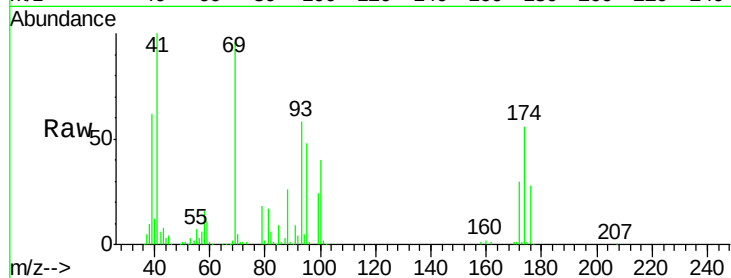
#49
1,4-Dioxane
Concen: 2032.388 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. -0.01 min
Lab File: VY000146.D
Acq: 26 Sep 2019 11:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tot Ion	88	Resp	36041
Ion	Ratio	Lower	Upper
88	100		
43	26.7	24.4	36.6
58	58.9	49.2	73.8

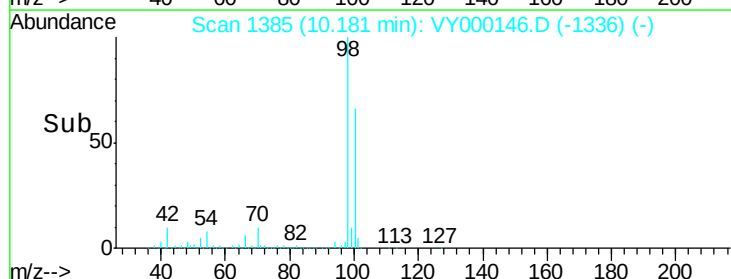
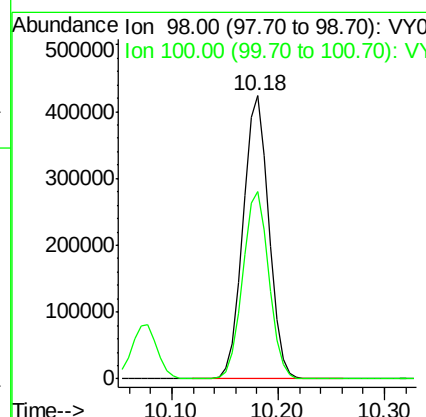
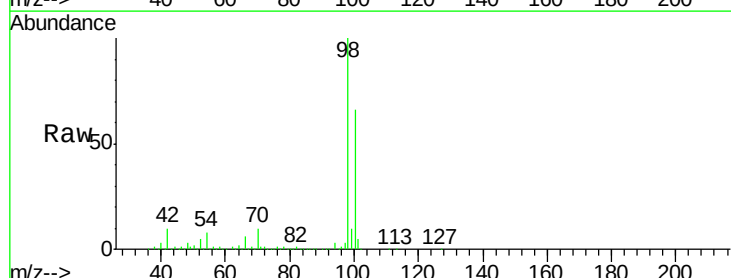
Manual Integrations
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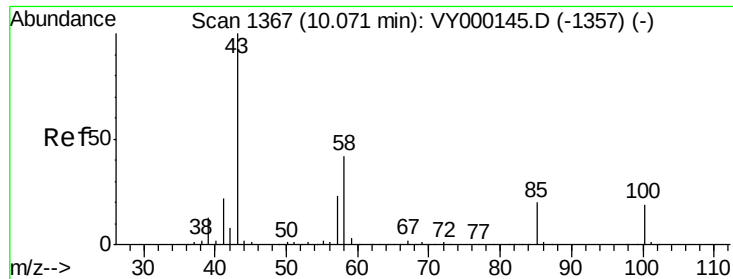
MMDadoda
10/2/2019 9:13:01 AM



#50
Toluene-d8
Concen: 100.154 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY000146.D
Acq: 26 Sep 2019 11:57

Tgt Ion	98	Resp	720858
Ion	Ratio	Lower	Upper
98	100		
100	67.1	54.2	81.2





#51

4-Methyl-2-Pentanone

Concen: 524.302 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. 0.00 min

Lab File: VY000146.D

Acq: 26 Sep 2019 11:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tot Ion: 43 Resp: 716728

Ion Ratio Lower Upper

43 100

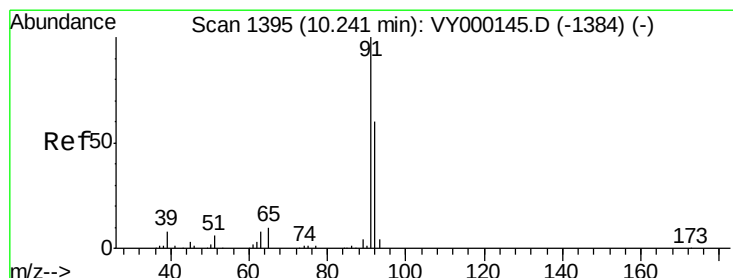
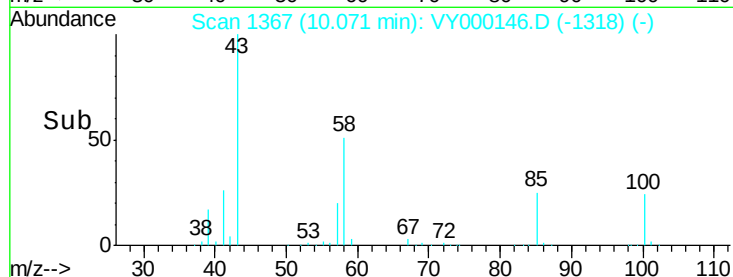
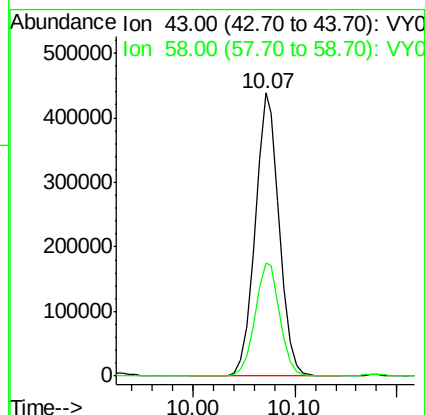
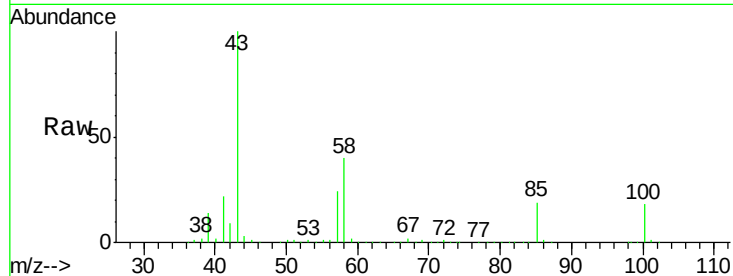
58 41.2 33.6 50.4

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#52

Toluene

Concen: 95.713 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. 0.00 min

Lab File: VY000146.D

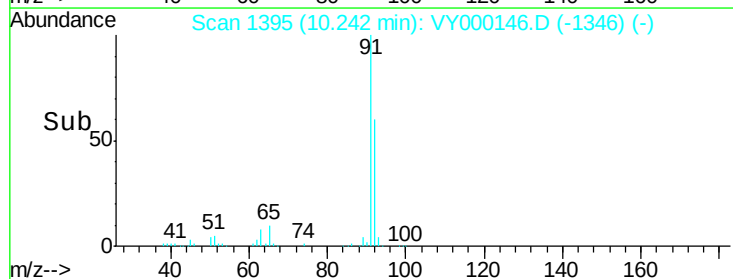
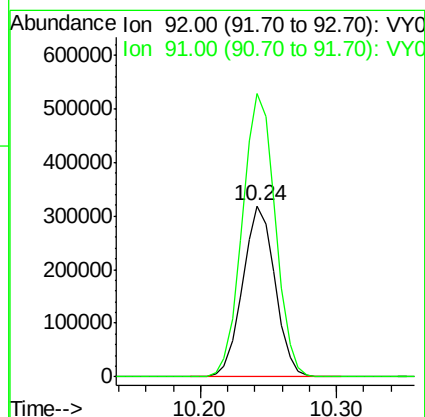
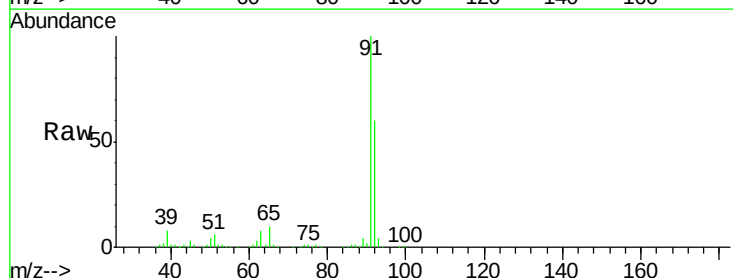
Acq: 26 Sep 2019 11:57

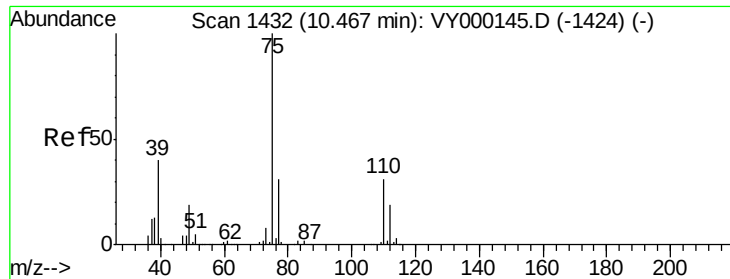
Tgt Ion: 92 Resp: 528480

Ion Ratio Lower Upper

92 100

91 169.1 134.6 201.8





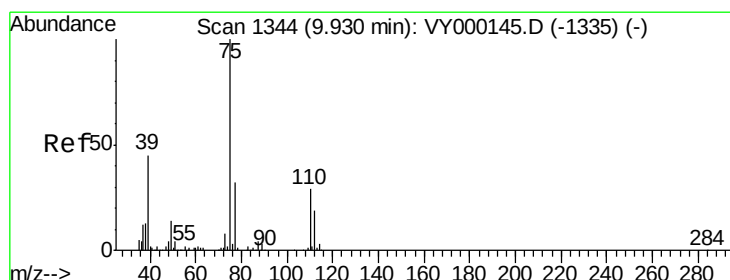
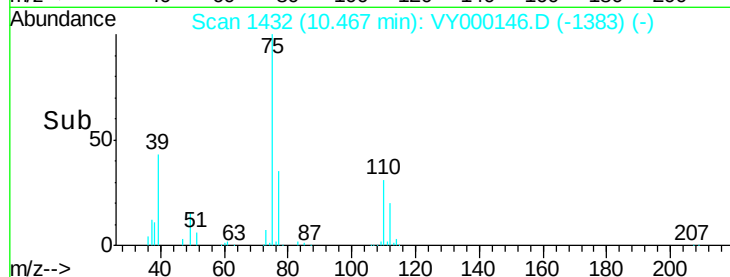
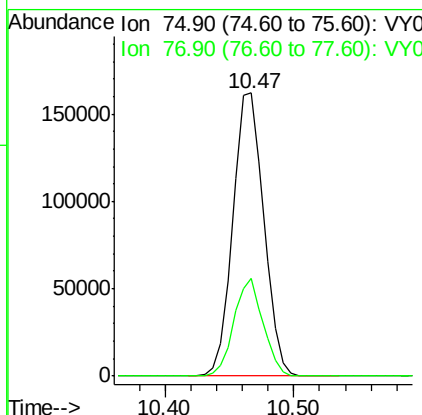
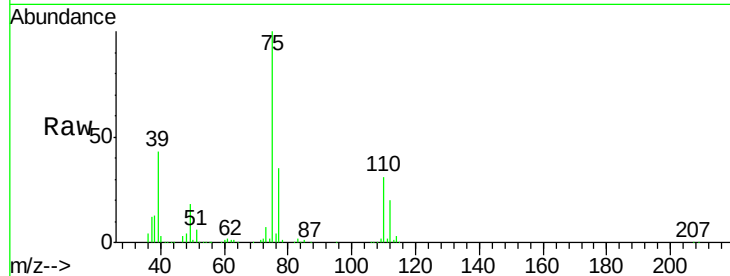
#53
 t-1,3-Dichloropropene
 Concen: 99.528 ug/l
 RT: 10.47 min Scan# 1432
 Delta R.T. 0.00 min
 Lab File: VY000146.D
 Acq: 26 Sep 2019 11:57

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

Tot Ion: 75 Resp: 270489
 Ion Ratio Lower Upper
 75 100
 77 34.7 25.0 37.4

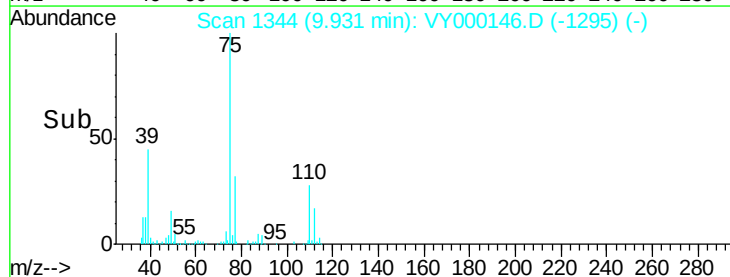
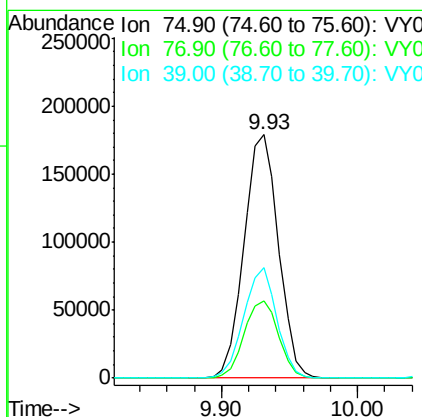
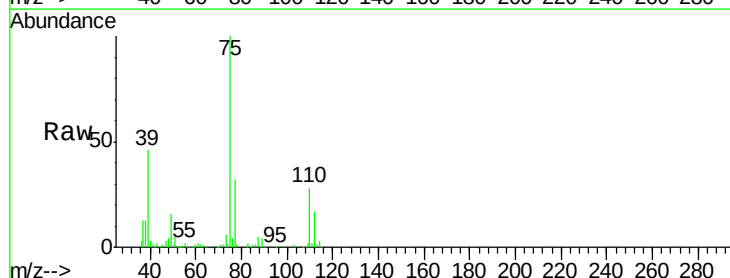
Manual Integrations
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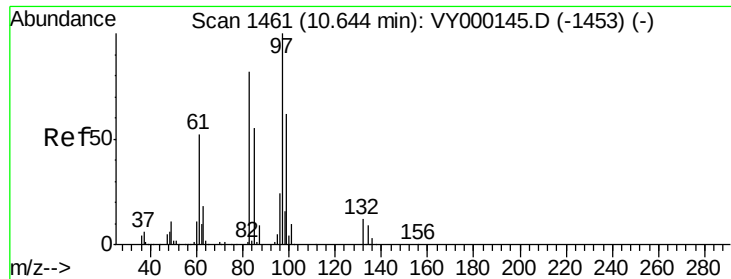
MMDadoda
 10/2/2019 9:13:01 AM



#54
 cis-1,3-Dichloropropene
 Concen: 98.510 ug/l
 RT: 9.93 min Scan# 1344
 Delta R.T. 0.00 min
 Lab File: VY000146.D
 Acq: 26 Sep 2019 11:57

Tgt Ion: 75 Resp: 317276
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.4 38.0
 39 45.5 35.8 53.6





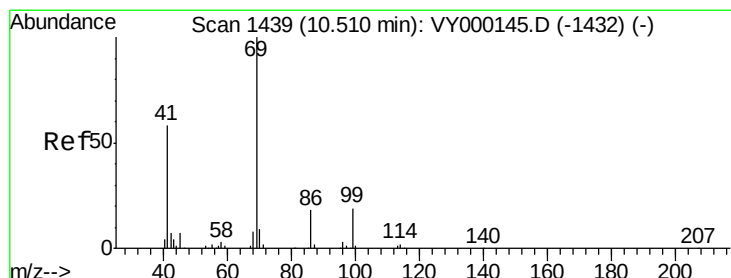
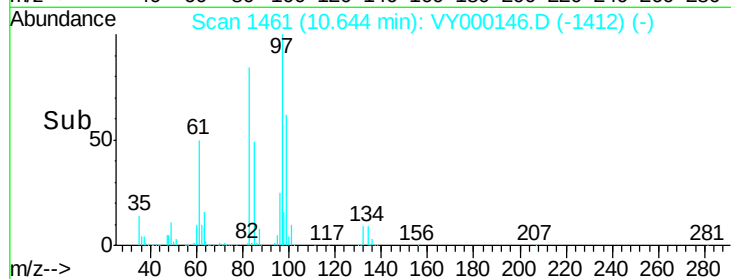
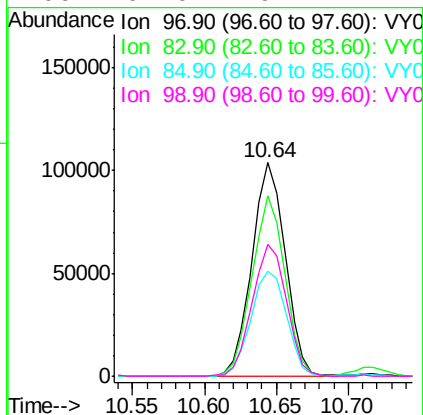
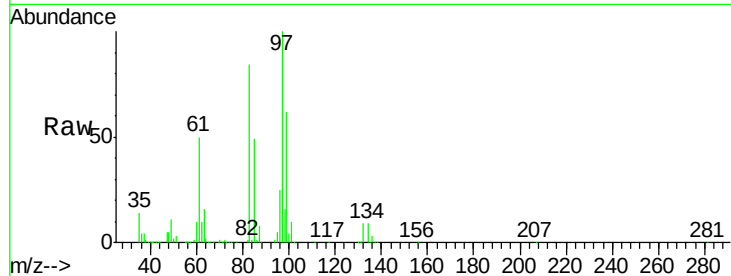
#55
 1,1,2-Trichloroethane
 Concen: 97.437 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY000146.D
 Acq: 26 Sep 2019 11:57

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
97	100	166296		
83	84.3	65.7	98.5	
85	48.9	44.1	66.1	
99	62.0	49.4	74.2	

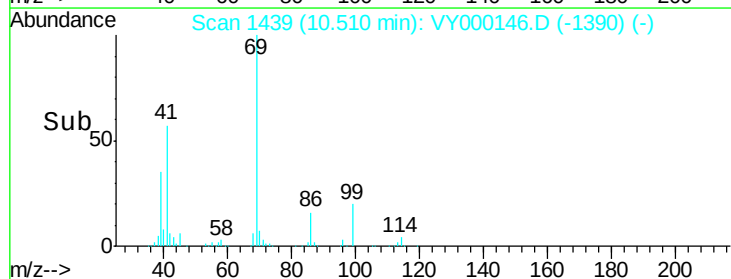
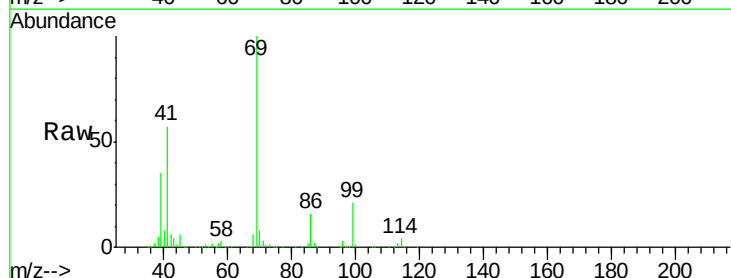
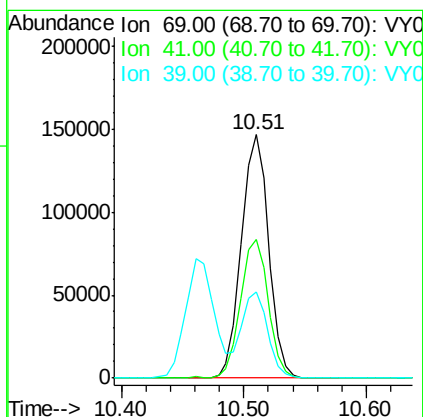
Manual Integrations
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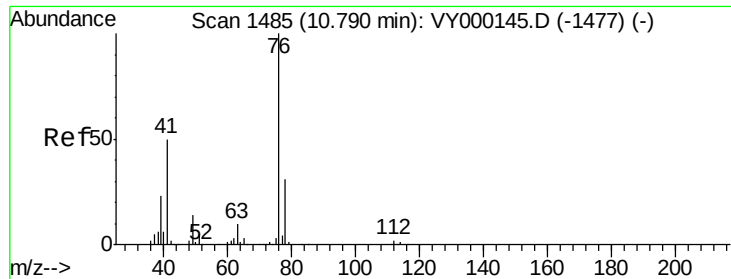
MMDadoda
 10/2/2019 9:13:01 AM



#56
 Ethyl methacrylate
 Concen: 102.158 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY000146.D
 Acq: 26 Sep 2019 11:57

Tgt Ion	Ratio	Resp	Lower	Upper
69	100	226798		
41	58.2	45.8	68.8	
39	35.1	27.8	41.8	





#57

1,3-Dichloropropane

Concen: 97.811 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VY000146.D

Acq: 26 Sep 2019 11:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tot Ion: 76 Resp: 268258

Ion Ratio Lower Upper

76 100

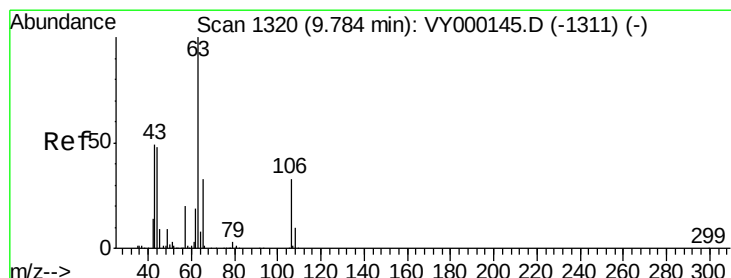
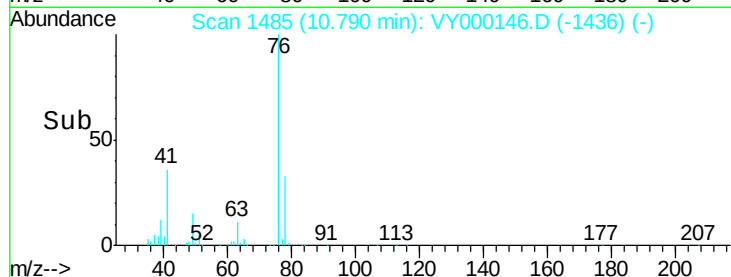
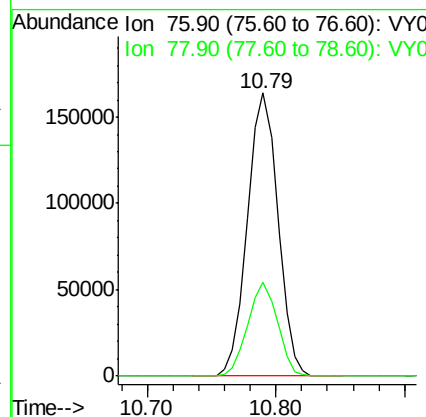
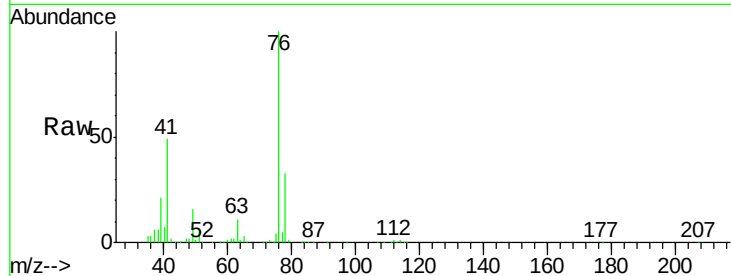
78 32.2 25.4 38.0

Manual Integrations

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MMDadoda

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#58

2-Chloroethyl Vinyl ether

Concen: 531.498 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. 0.00 min

Lab File: VY000146.D

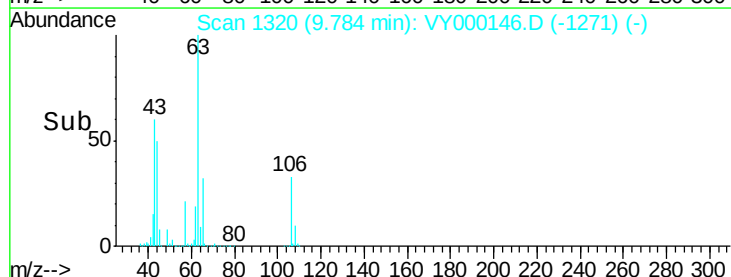
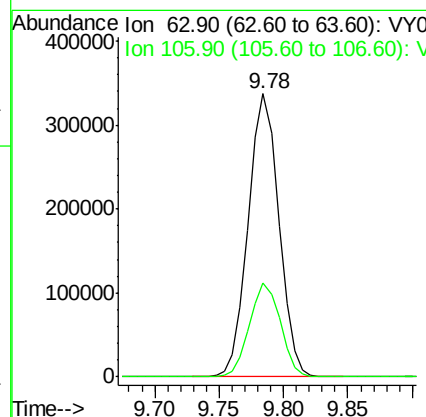
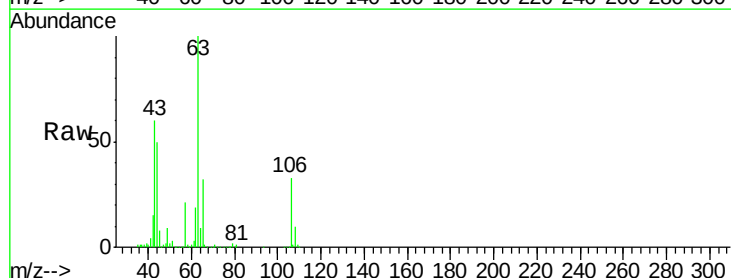
Acq: 26 Sep 2019 11:57

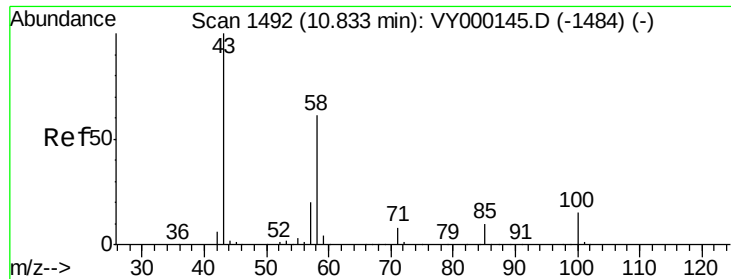
Tgt Ion: 63 Resp: 554217

Ion Ratio Lower Upper

63 100

106 33.4 27.0 40.6





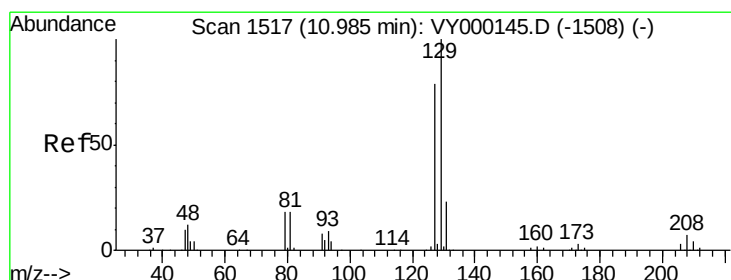
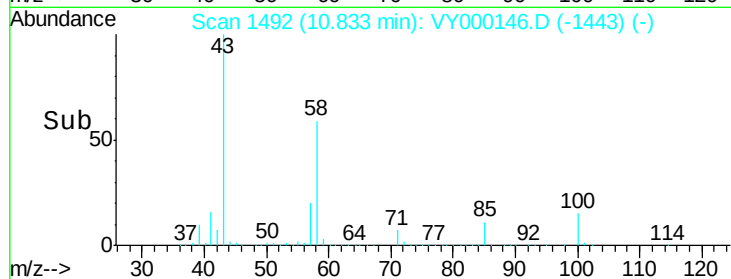
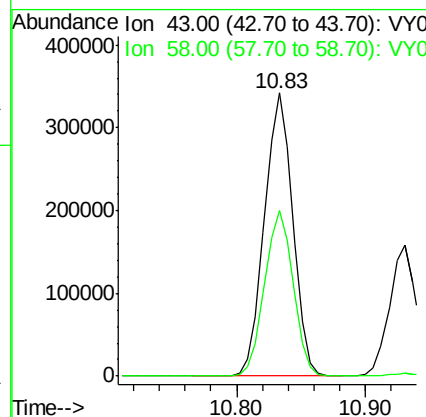
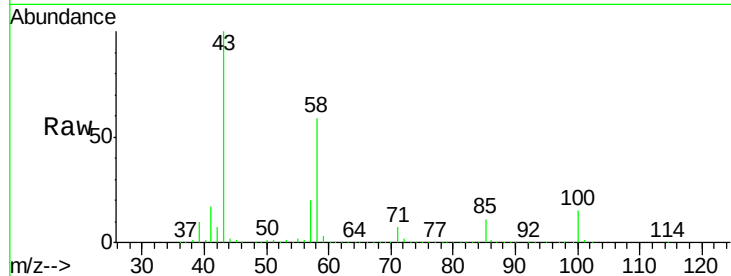
#59
2-Hexanone
Concen: 535.974 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY000146.D
Acq: 26 Sep 2019 11:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
43	100		
58	58.7	29.5	88.5

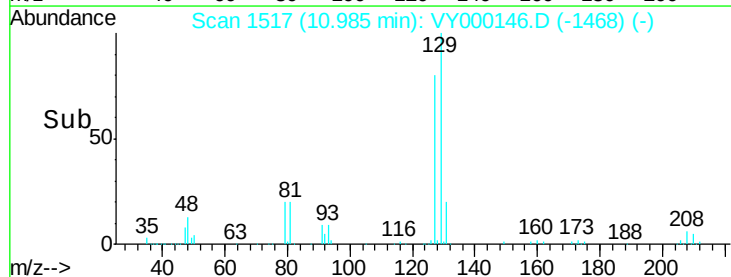
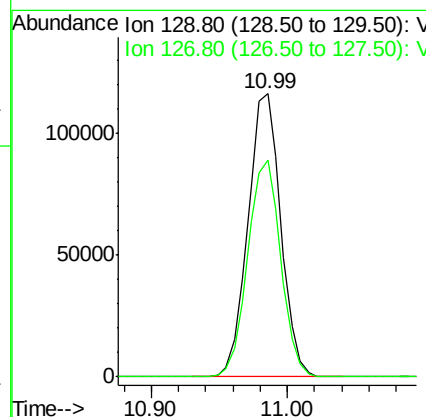
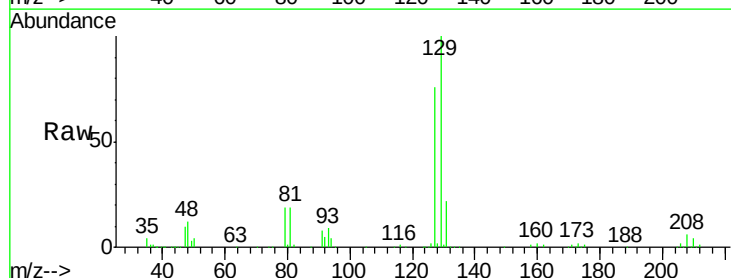
Manual Integrations
APPROVED

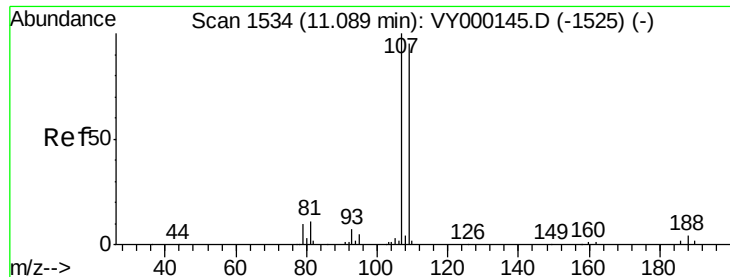
MMDadoda
10/2/2019 9:13:01 AM



#60
Dibromochloromethane
Concen: 101.798 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY000146.D
Acq: 26 Sep 2019 11:57

Tgt Ion	Ratio	Lower	Upper
129	100		
127	76.8	39.4	118.1





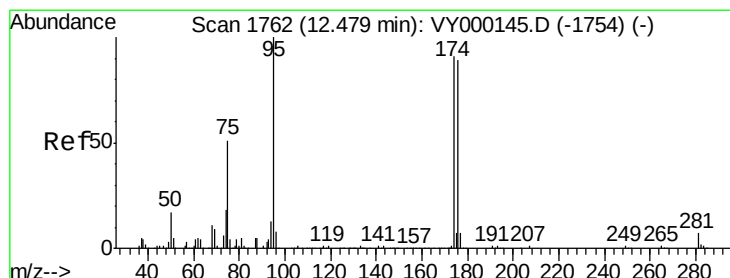
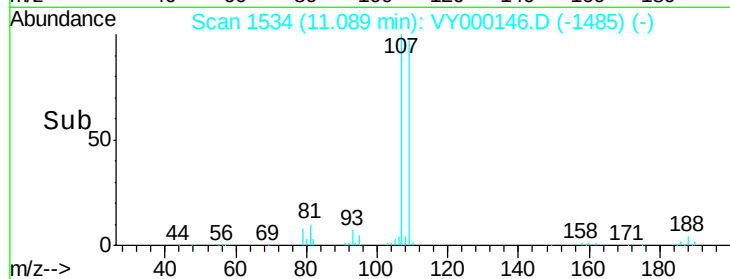
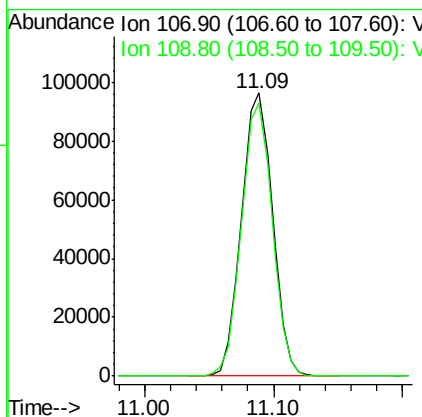
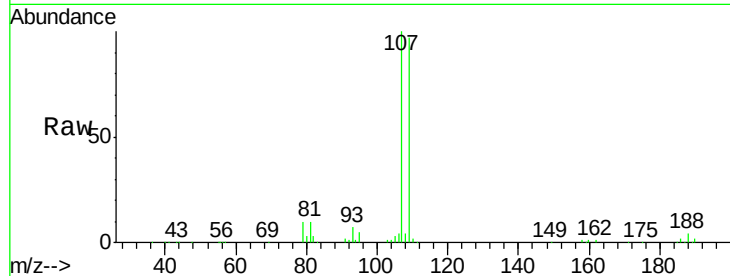
#61
 1,2-Dibromoethane
 Concen: 98.845 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY000146.D
 Acq: 26 Sep 2019 11:57

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
107	100	160983		
109	95.7	75.8	113.8	

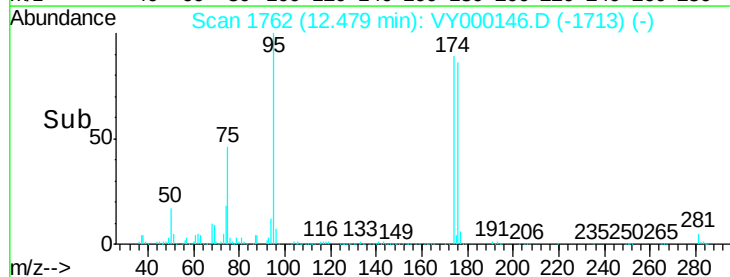
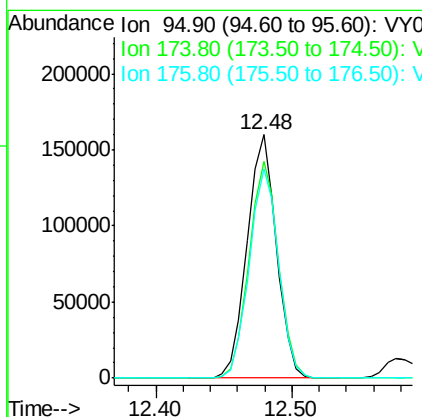
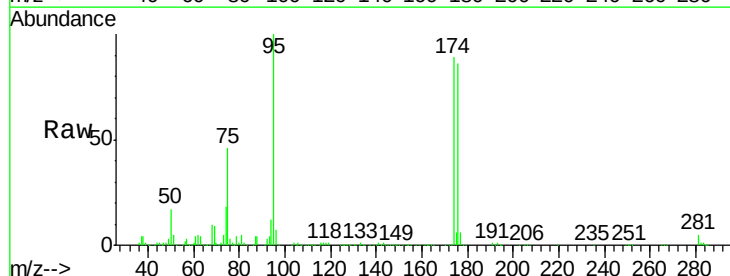
Manual Integrations
 APPROVED

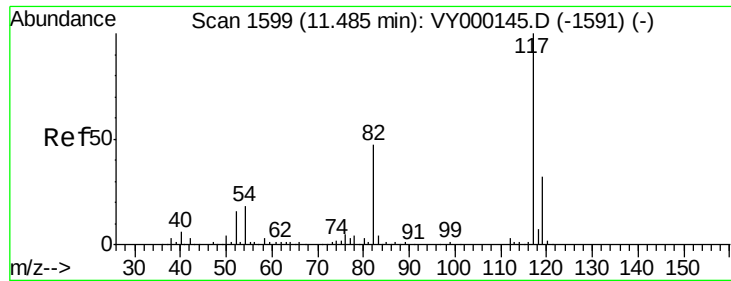
MMDadoda
 10/2/2019 9:13:01 AM



#62
 4-Bromofluorobenzene
 Concen: 91.897 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY000146.D
 Acq: 26 Sep 2019 11:57

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	241084		
174	89.7	0.0	180.6	
176	86.3	0.0	171.6	





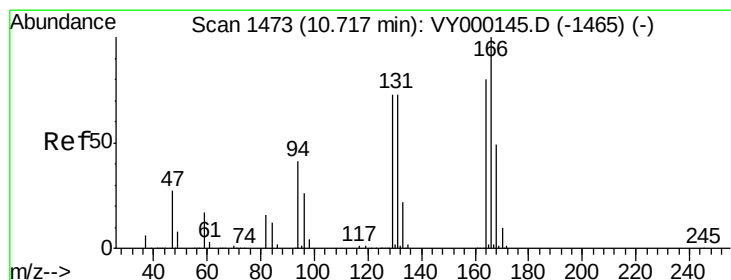
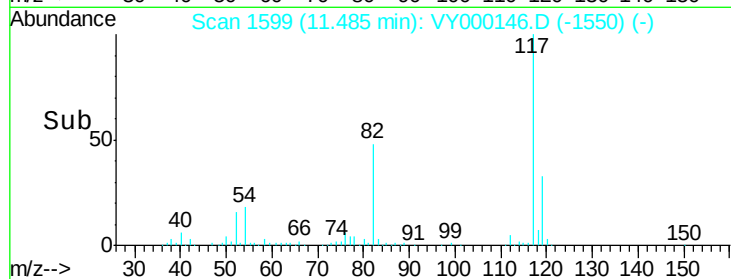
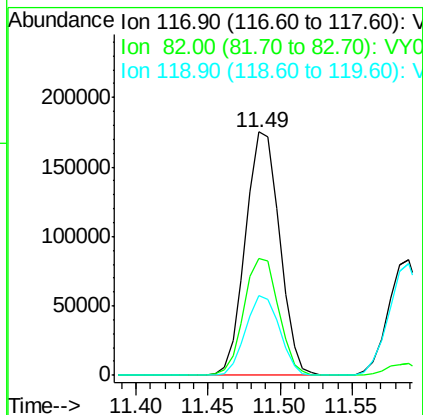
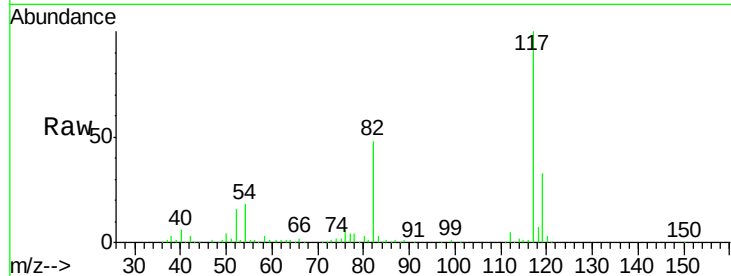
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VY000146.D
Acq: 26 Sep 2019 11:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
117	100	287938		
82	48.1		37.7	56.5
119	32.8		25.4	38.2

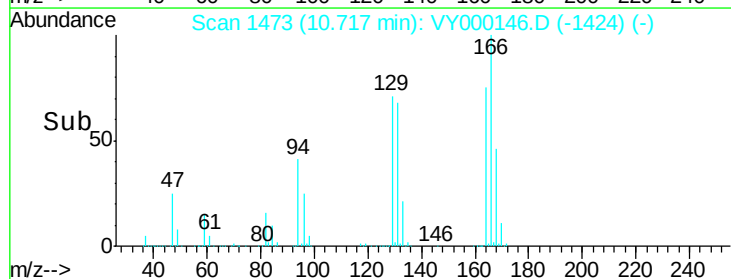
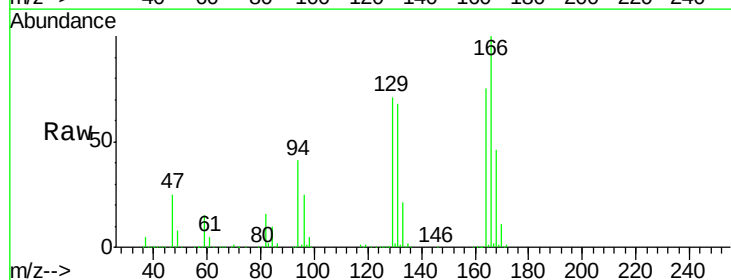
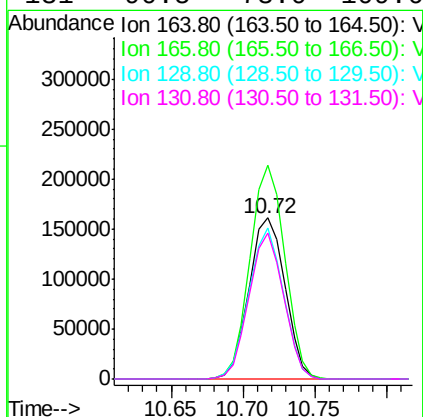
Manual Integrations
APPROVED

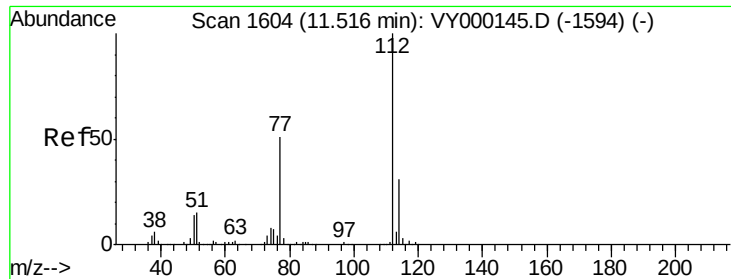
MMDadoda
10/2/2019 9:13:01 AM



#64
Tetrachloroethene
Concen: 97.725 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY000146.D
Acq: 26 Sep 2019 11:57

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	278745		
166	132.7		99.5	149.3
129	94.0		72.8	109.2
131	90.5		73.0	109.6





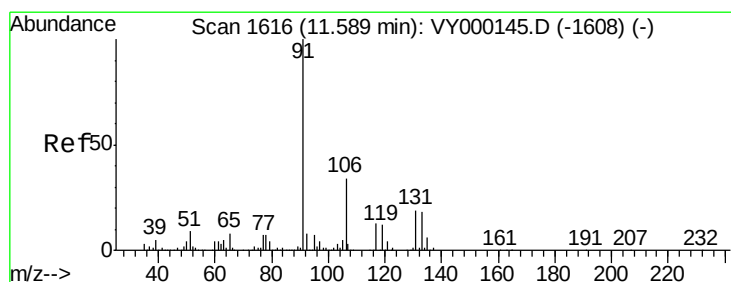
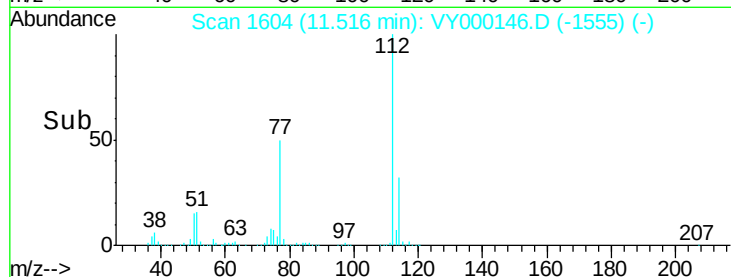
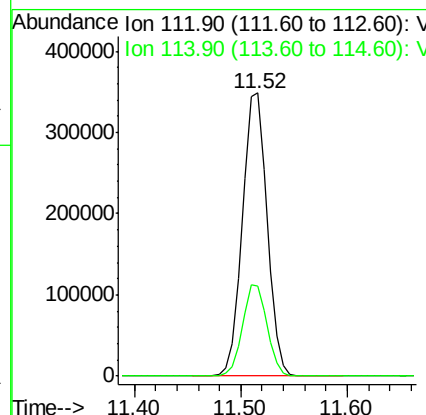
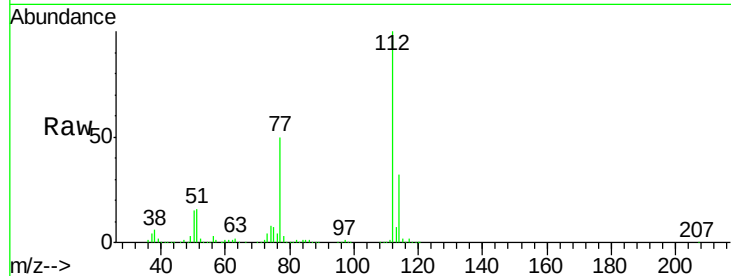
#65
Chlorobenzene
Concen: 95.096 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY000146.D
Acq: 26 Sep 2019 11:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
112	100	569822		
114	32.0	25.1	37.7	

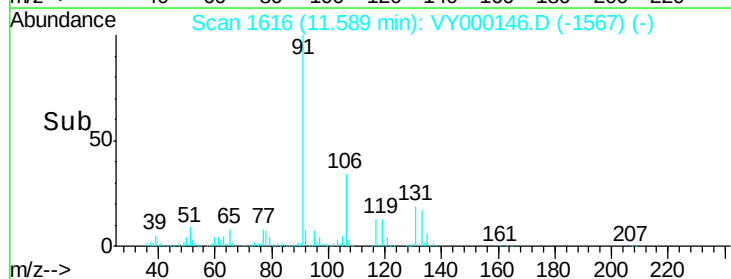
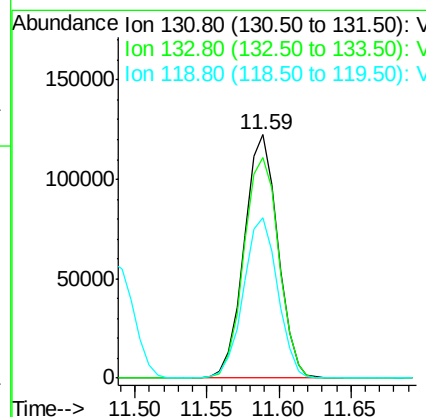
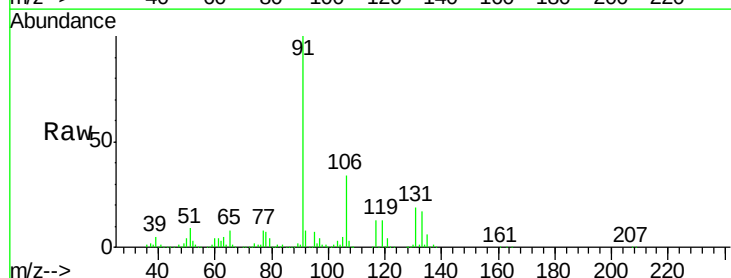
Manual Integrations
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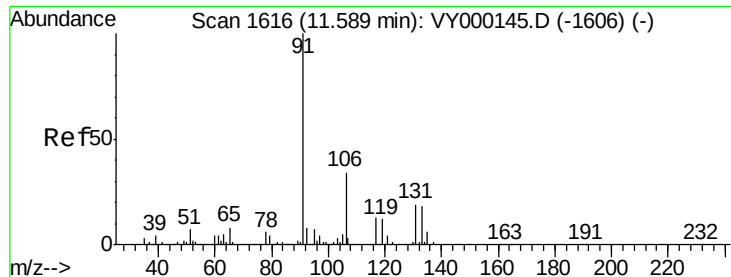
MMDadoda
10/2/2019 9:13:01 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 97.688 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY000146.D
Acq: 26 Sep 2019 11:57

Tgt Ion	Ratio	Resp	Lower	Upper
131	100	197797		
133	94.2	47.2	141.6	
119	67.1	32.3	96.9	





#67

Ethyl Benzene

Concen: 95.735 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. 0.00 min

Lab File: VY000146.D

Acq: 26 Sep 2019 11:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tot Ion: 91 Resp: 980589

Ion Ratio Lower Upper

91 100

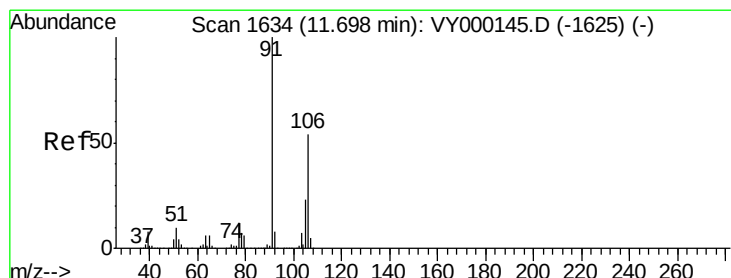
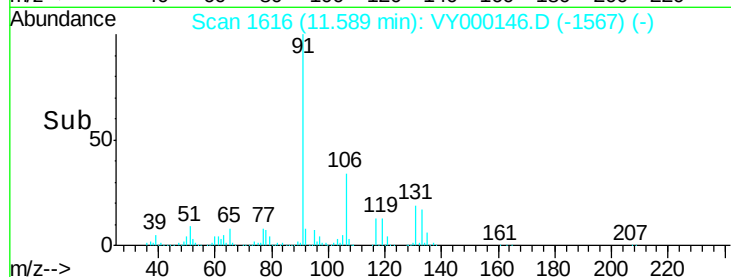
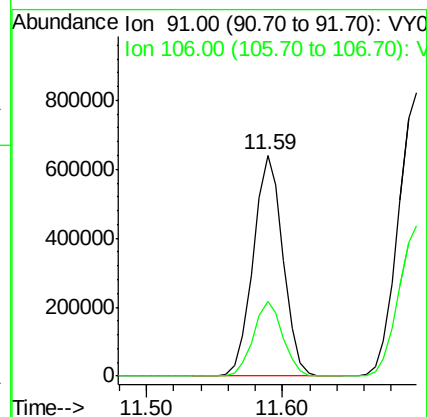
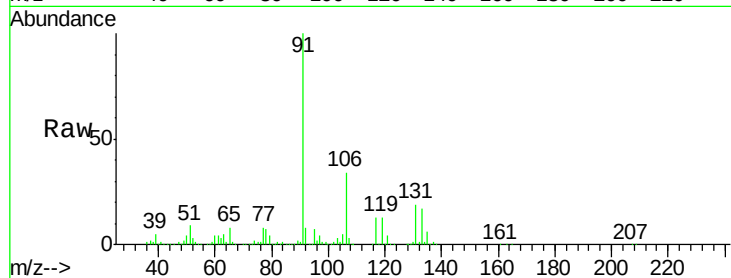
106 33.9 27.3 40.9

Manual Integrations

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MMDadoda

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#68

m/p-Xylenes

Concen: 189.743 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. 0.00 min

Lab File: VY000146.D

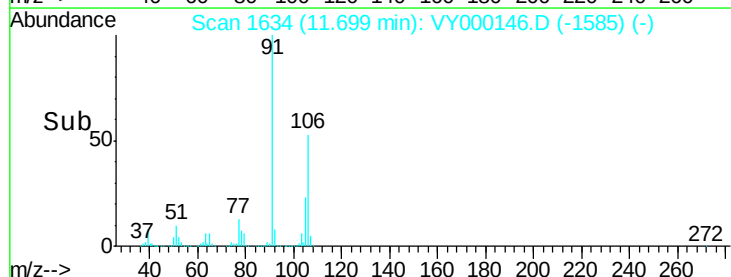
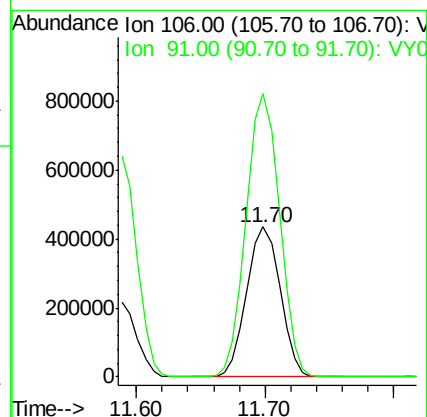
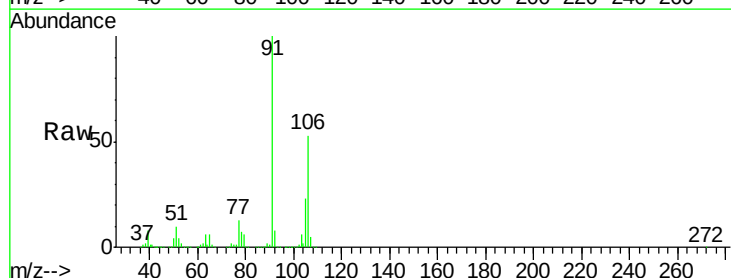
Acq: 26 Sep 2019 11:57

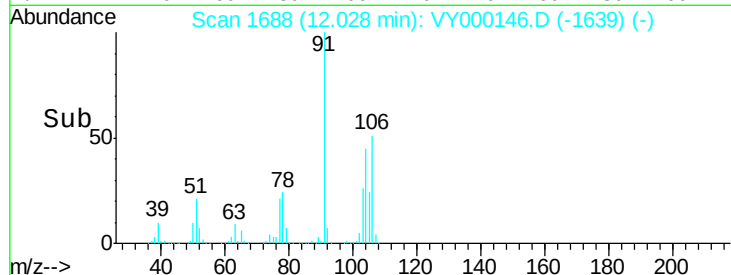
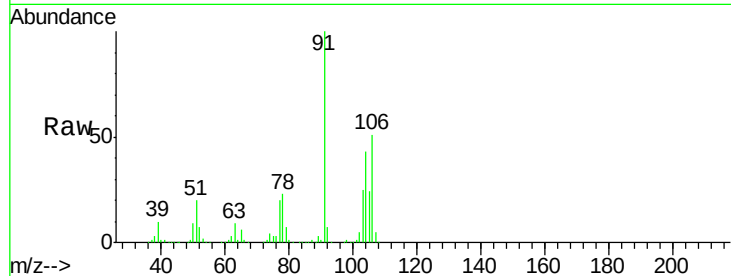
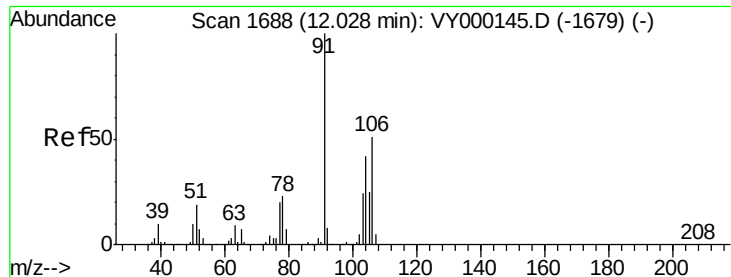
Tgt Ion: 106 Resp: 785674

Ion Ratio Lower Upper

106 100

91 188.5 148.6 223.0





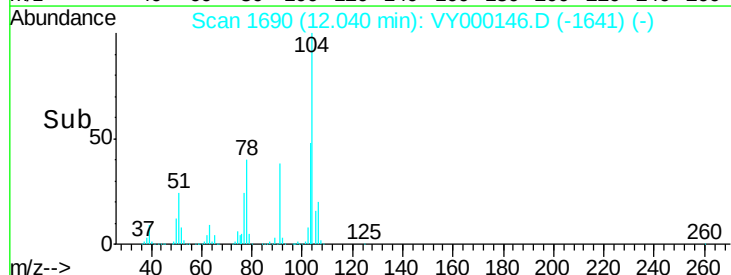
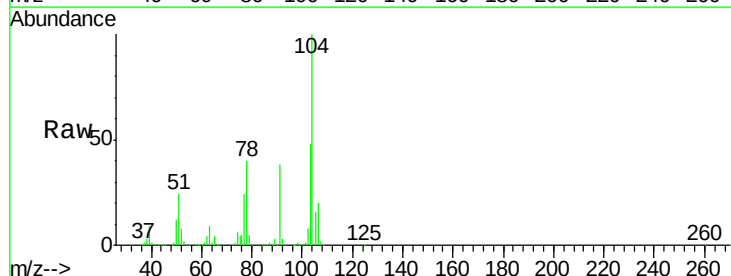
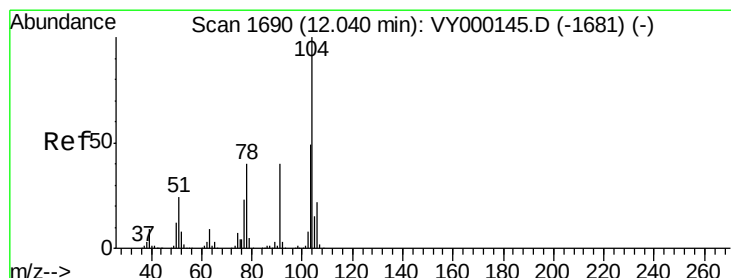
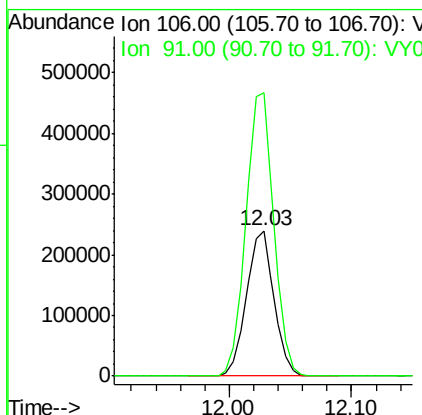
#69
o-Xylene
Concen: 94.808 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY000146.D
Acq: 26 Sep 2019 11:57

Tot Ion:106 Resp: 374409
Ion Ratio Lower Upper
106 100
91 197.5 98.0 293.9

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

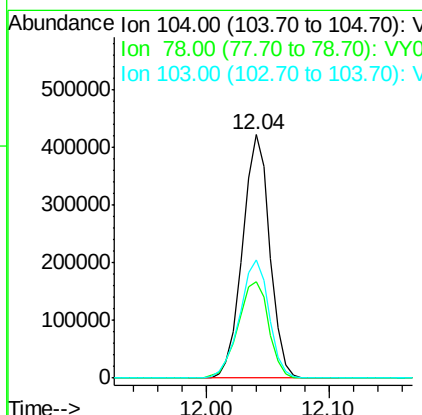
Manual Integrations
APPROVED

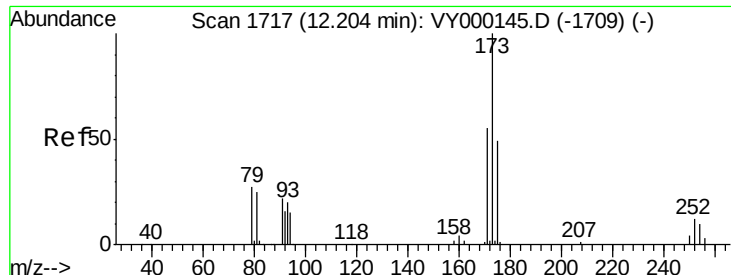
MMDadoda
10/2/2019 9:13:01 AM



#70
Styrene
Concen: 97.247 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY000146.D
Acq: 26 Sep 2019 11:57

Tgt Ion:104 Resp: 649936
Ion Ratio Lower Upper
104 100
78 44.7 34.7 52.1
103 52.3 41.6 62.4





#71

Bromoform

Concen: 105.063 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VY000146.D

Acq: 26 Sep 2019 11:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tot Ion:173 Resp: 125008

Ion Ratio Lower Upper

173 100

175 48.8 23.5 70.6

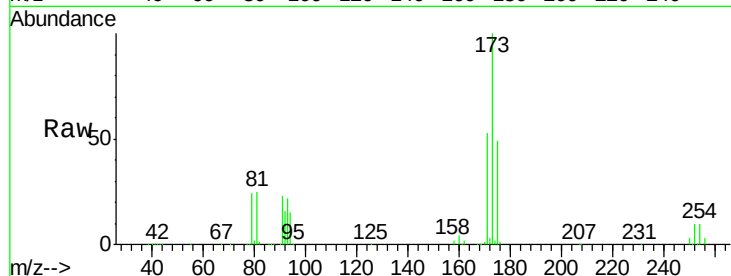
254 0.1 0.1 0.1#

Manual Integrations

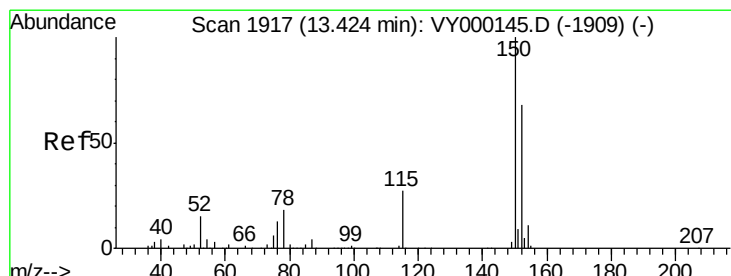
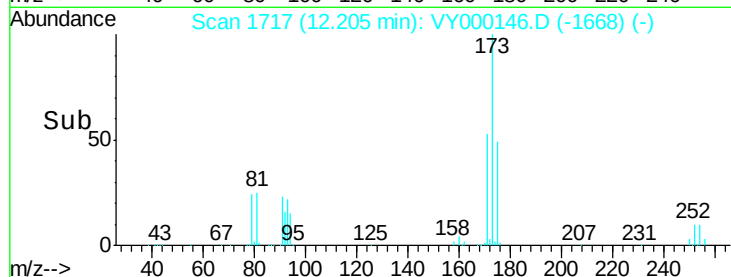
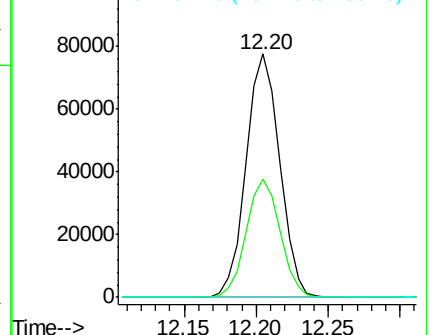
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. 0.00 min

Lab File: VY000146.D

Acq: 26 Sep 2019 11:57

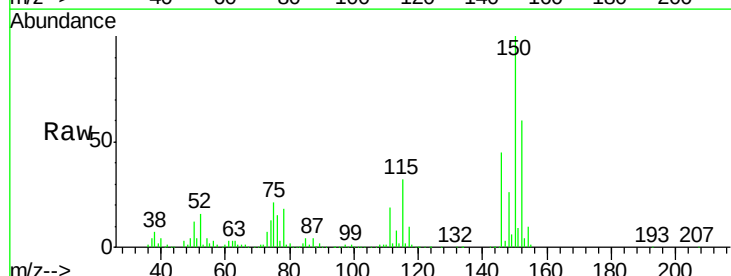
Tgt Ion:152 Resp: 138055

Ion Ratio Lower Upper

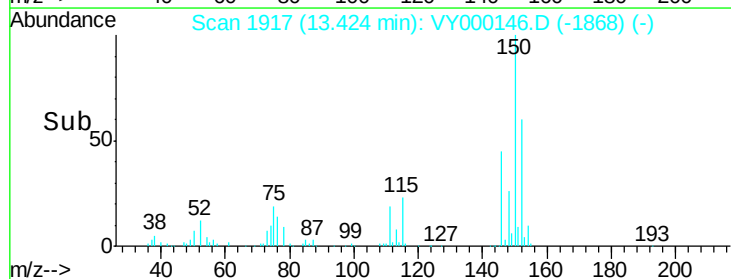
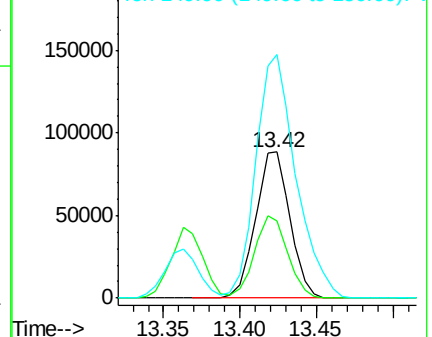
152 100

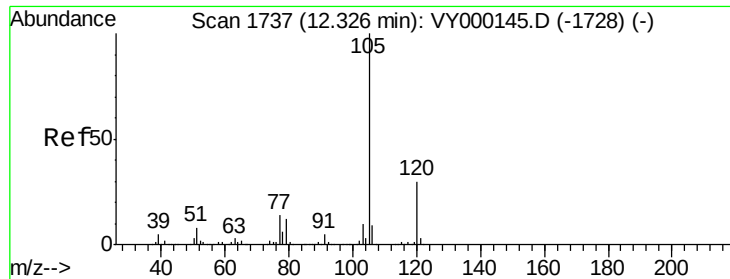
115 54.4 26.8 80.4

150 194.6 0.0 347.8



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





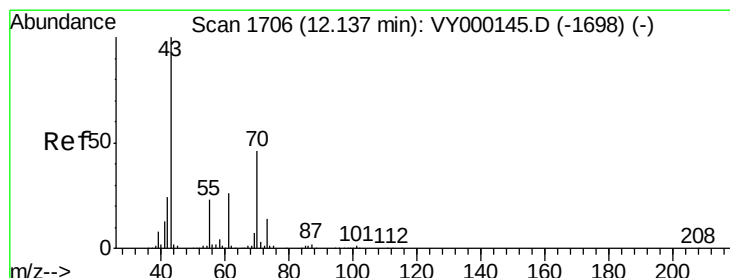
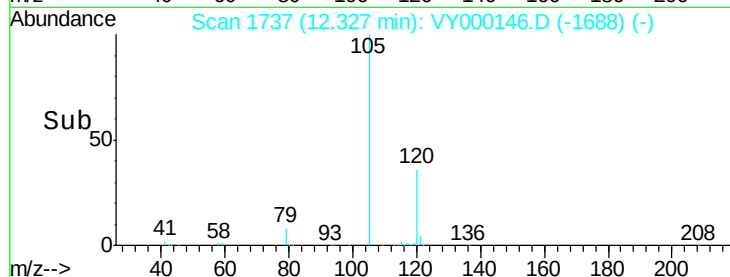
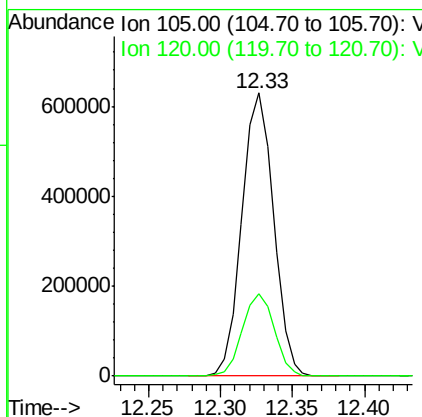
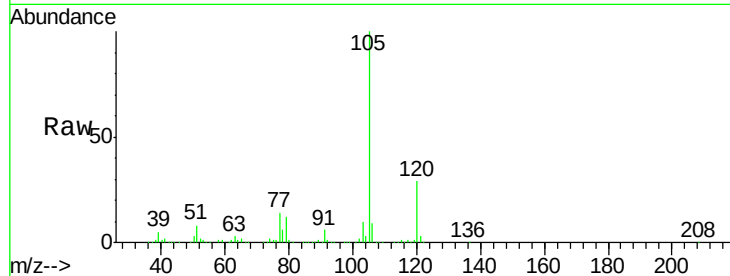
#73
Isopropylbenzene
Concen: 96.565 ug/l
RT: 12.33 min Scan# 1737
Delta R.T. 0.00 min
Lab File: VY000146.D
Acq: 26 Sep 2019 11:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
105	100	961846		
120	29.2		14.7	44.1

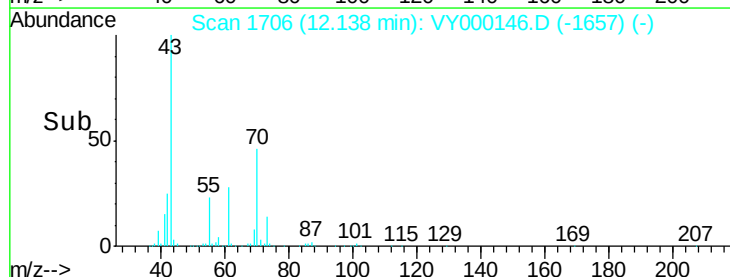
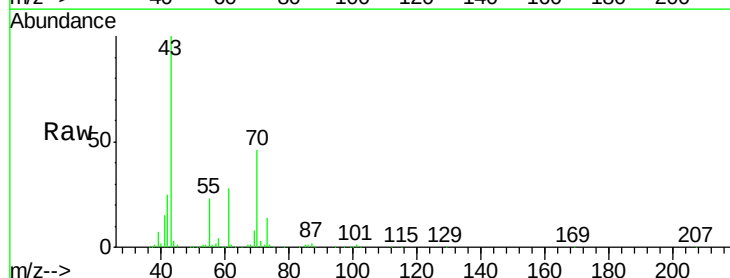
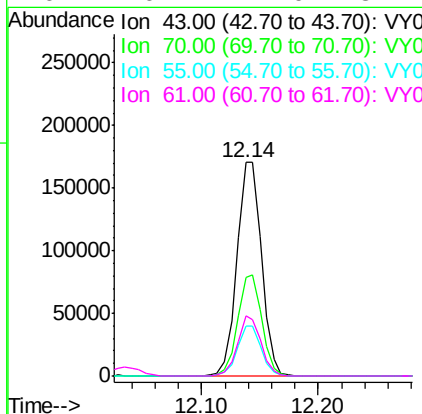
Manual Integrations
APPROVED

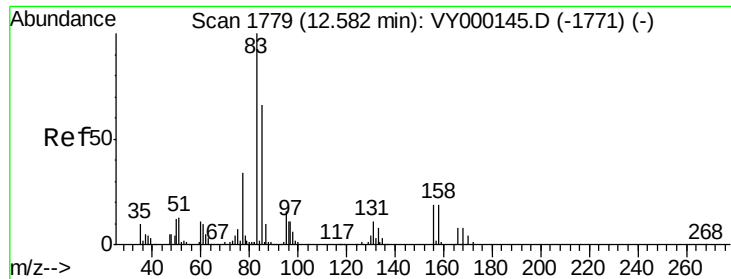
MMDadoda
10/2/2019 9:13:01 AM



#74
N-ethyl acetate
Concen: 104.147 ug/l
RT: 12.14 min Scan# 1706
Delta R.T. 0.00 min
Lab File: VY000146.D
Acq: 26 Sep 2019 11:57

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	251101		
70	46.3		37.3	55.9
55	22.9		18.6	27.8
61	26.7		21.0	31.4





#75

1,1,2,2-Tetrachloroethane

Concen: 91.846 ug/l

RT: 12.58 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VY000146.D

Acq: 26 Sep 2019 11:57

Instrument :

MSVOA_Y

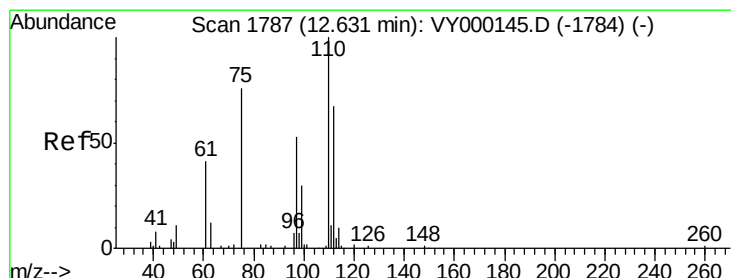
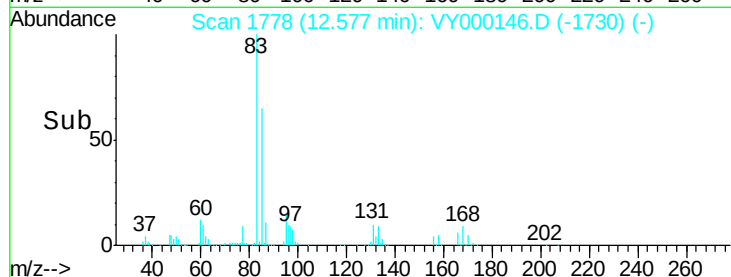
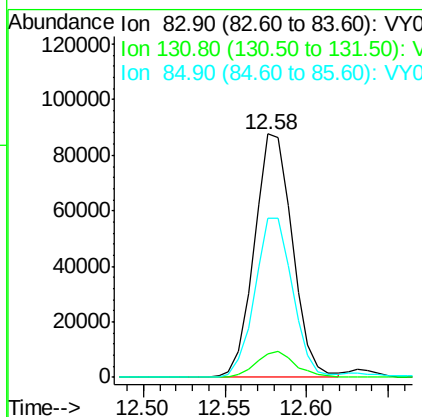
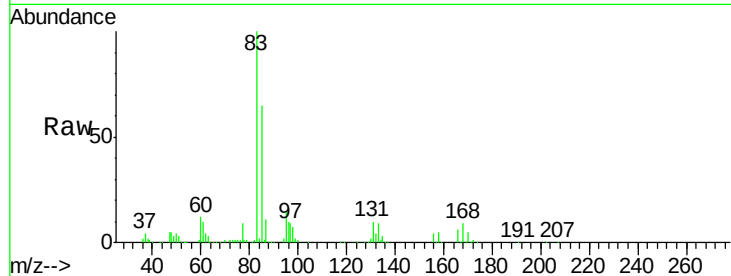
ClientSampleId :

VSTDIC100

Tot Ion:	83	Resp:	142401
Ion Ratio	Lower	Upper	
83	100		
131	10.9	5.4	16.2
85	64.9	32.5	97.5

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 91.377 ug/l m

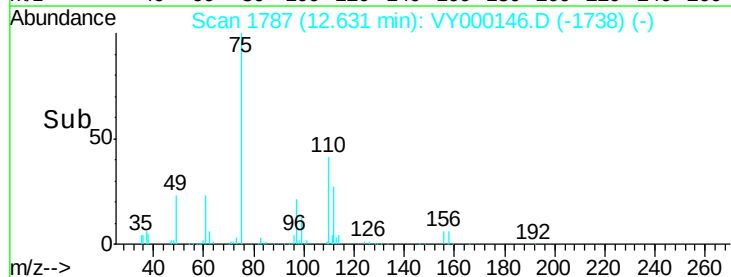
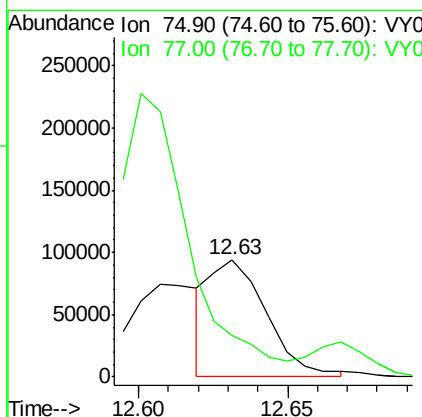
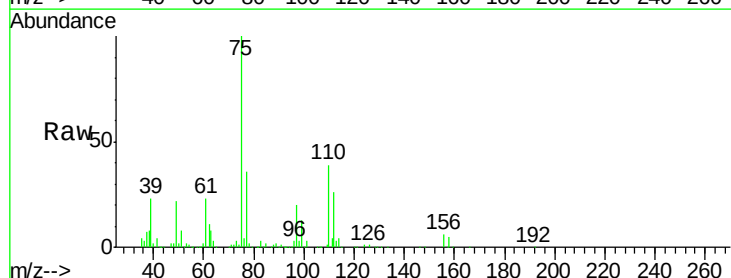
RT: 12.63 min Scan# 1787

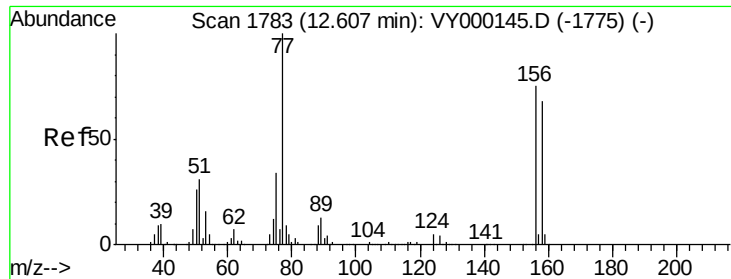
Delta R.T. 0.00 min

Lab File: VY000146.D

Acq: 26 Sep 2019 11:57

Tgt Ion:	75	Resp:	124256
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





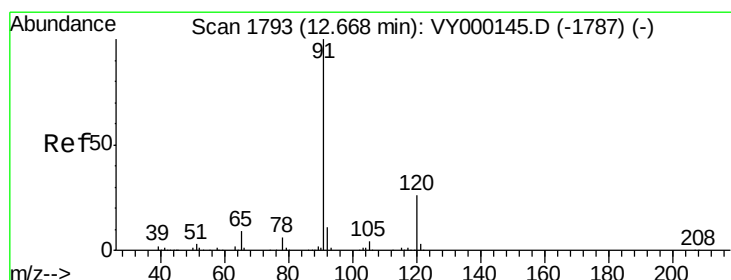
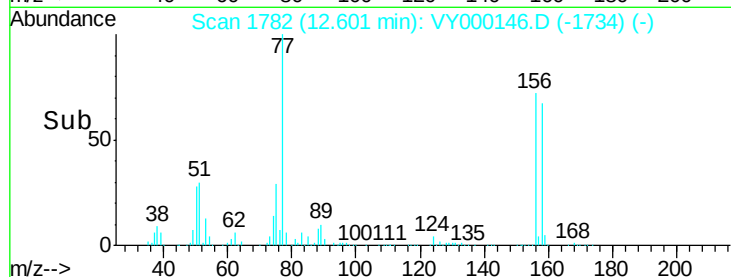
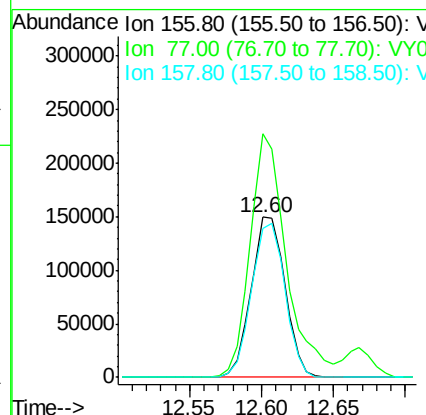
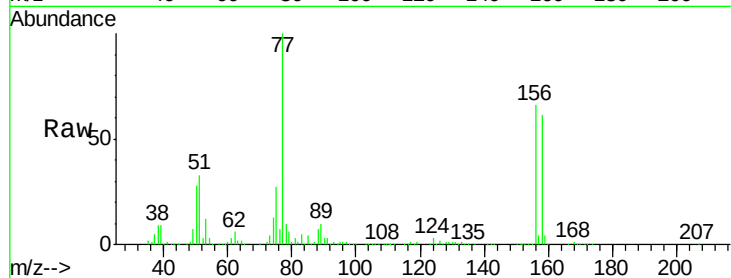
#77
Bromobenzene
Concen: 98.276 ug/l
RT: 12.60 min Scan# 1782
Delta R.T. -0.01 min
Lab File: VY000146.D
Acq: 26 Sep 2019 11:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
156	100		
77	163.9	83.0	249.2
158	95.6	47.4	142.2

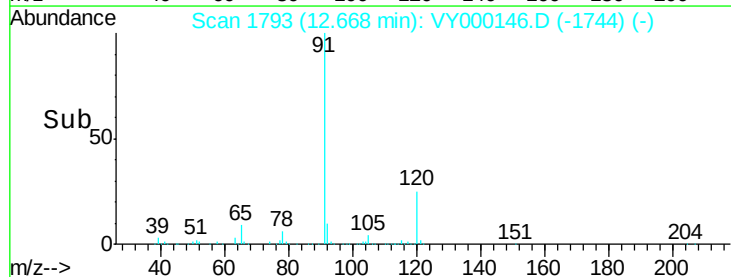
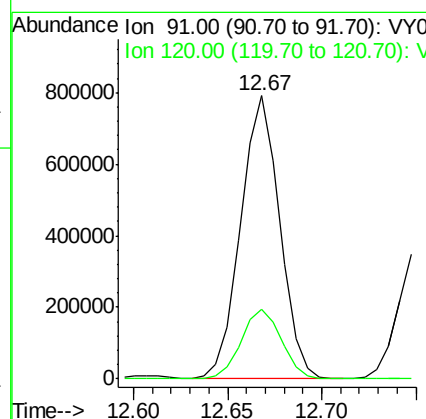
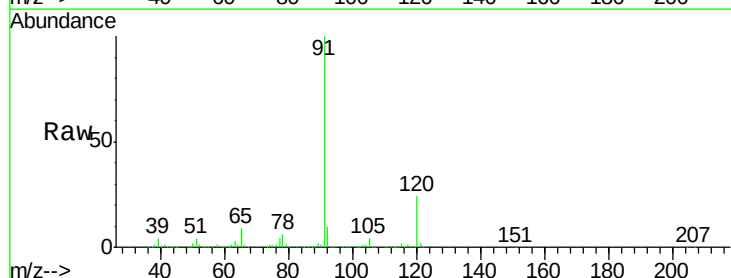
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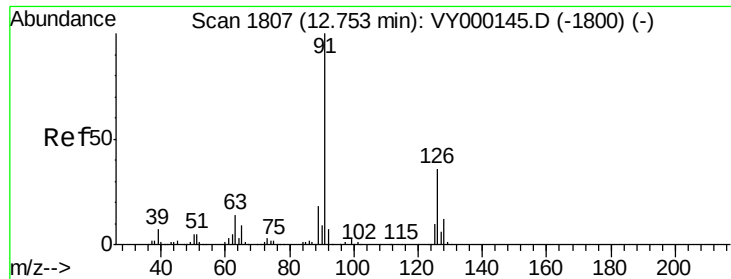
MMDadoda
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#78
n-propylbenzene
Concen: 95.697 ug/l
RT: 12.67 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VY000146.D
Acq: 26 Sep 2019 11:57

Tgt Ion	Ratio	Lower	Upper
91	100		
120	25.2	12.8	38.3





#79

2-Chlorotoluene

Concen: 96.099 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VY000146.D

Acq: 26 Sep 2019 11:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tot Ion: 91 Resp: 620860

Ion Ratio Lower Upper

91 100

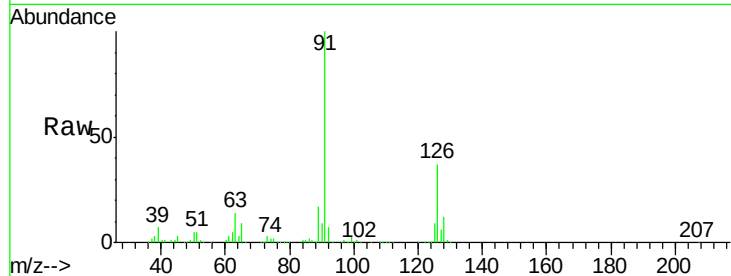
126 37.9 19.1 57.5

Manual Integrations

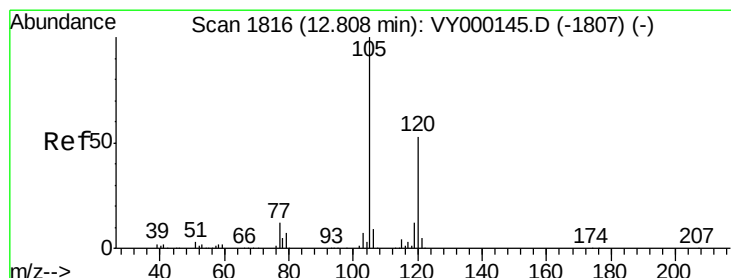
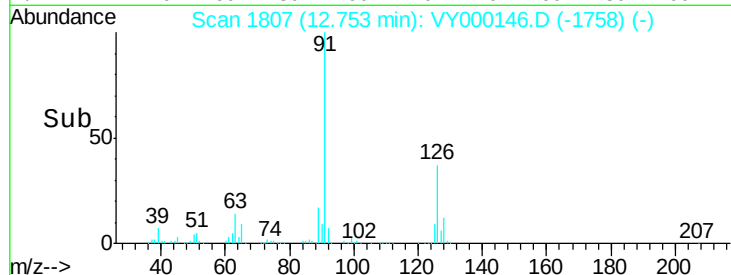
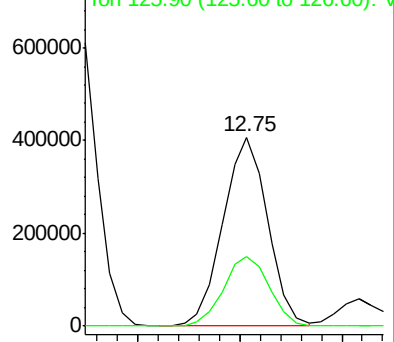
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Abundance Ion 91.00 (90.70 to 91.70): VY000145.D (-1800) (-)



#80

1,3,5-Trimethylbenzene

Concen: 95.984 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. 0.00 min

Lab File: VY000146.D

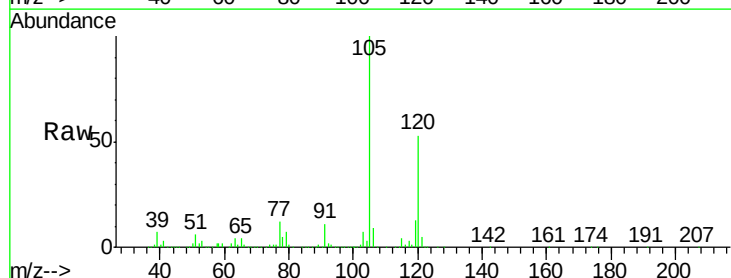
Acq: 26 Sep 2019 11:57

Tgt Ion: 105 Resp: 795306

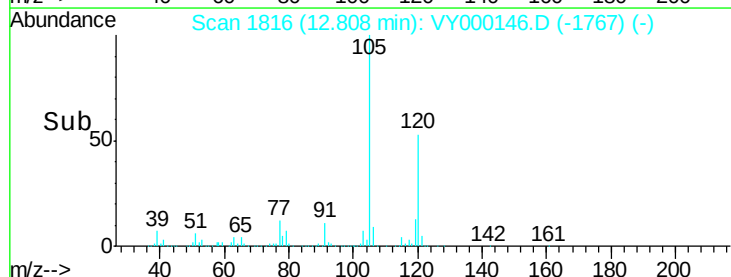
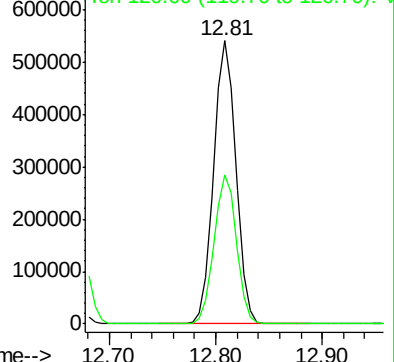
Ion Ratio Lower Upper

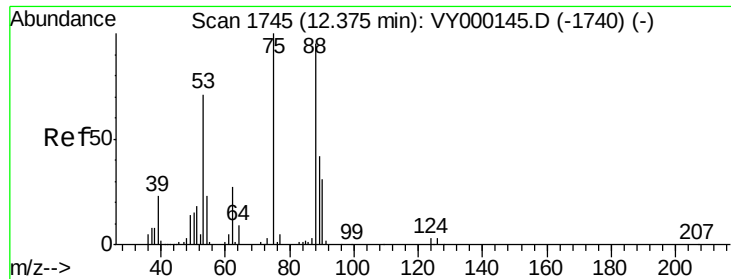
105 100

120 53.0 26.7 80.0



Abundance Ion 105.00 (104.70 to 105.70): VY000145.D (-1807) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 103.372 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VY000146.D

Acq: 26 Sep 2019 11:57

Instrument :

MSVOA_Y

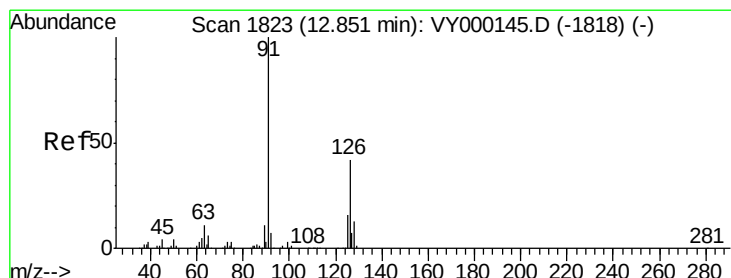
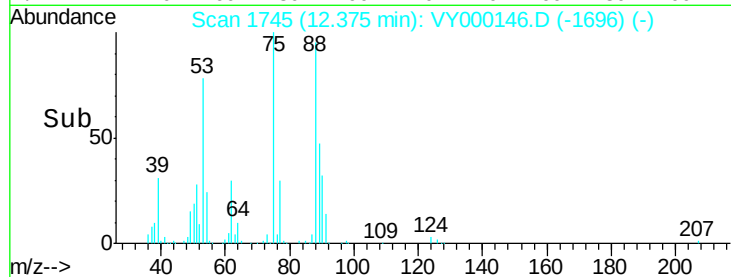
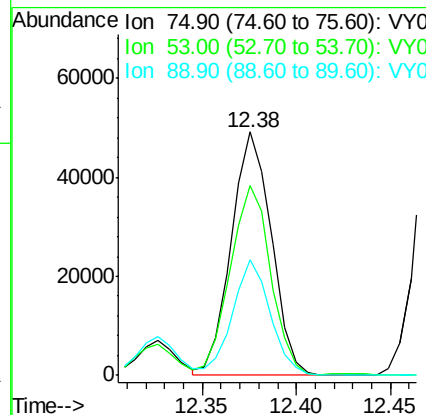
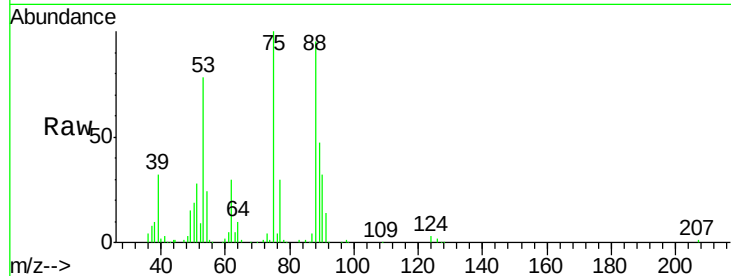
ClientSampleId :

VSTDIC100

Tot Ion:	75	Resp:	72072
Ion	Ratio	Lower	Upper
75	100		
53	78.8	61.8	92.8
89	44.6	35.6	53.4

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#82

4-Chlorotoluene

Concen: 97.268 ug/l

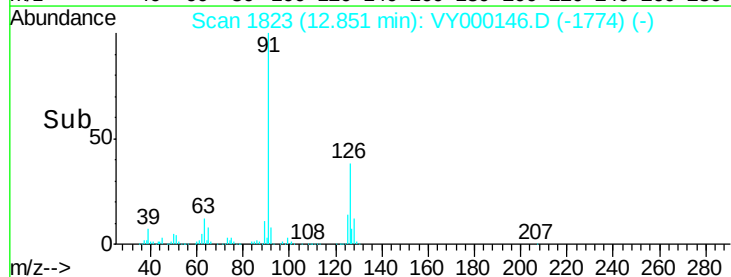
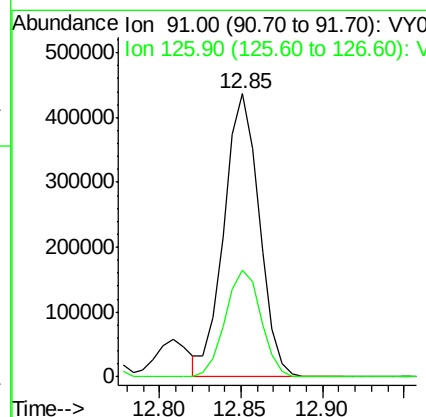
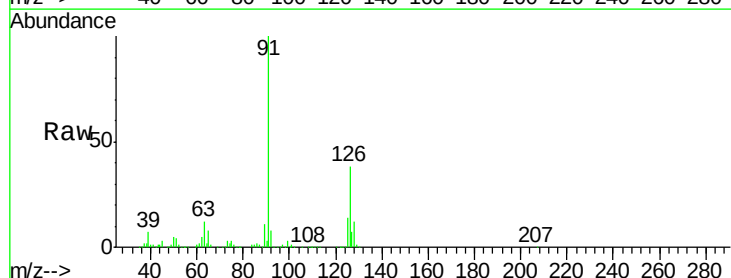
RT: 12.85 min Scan# 1823

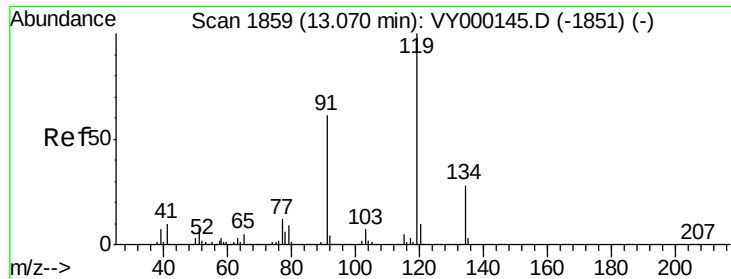
Delta R.T. 0.00 min

Lab File: VY000146.D

Acq: 26 Sep 2019 11:57

Tgt Ion:	91	Resp:	654751
Ion	Ratio	Lower	Upper
91	100		
126	38.3	19.4	58.2





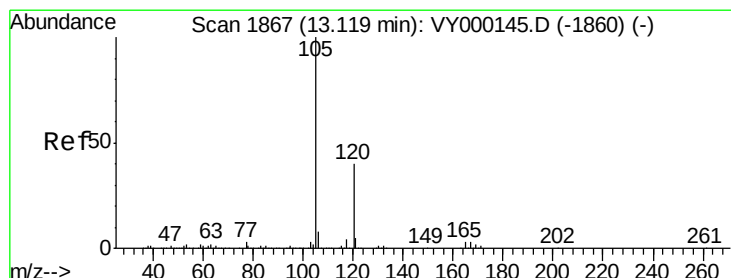
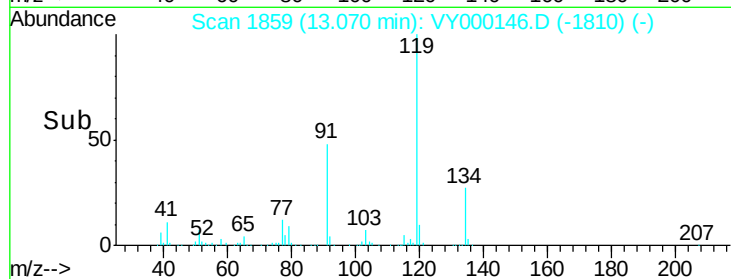
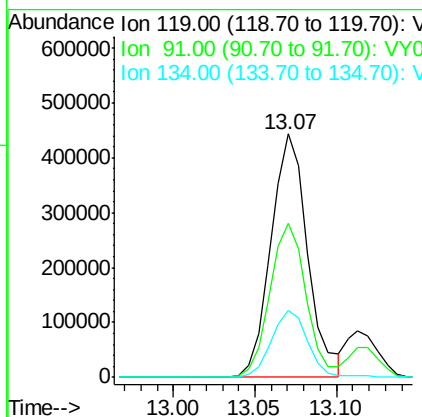
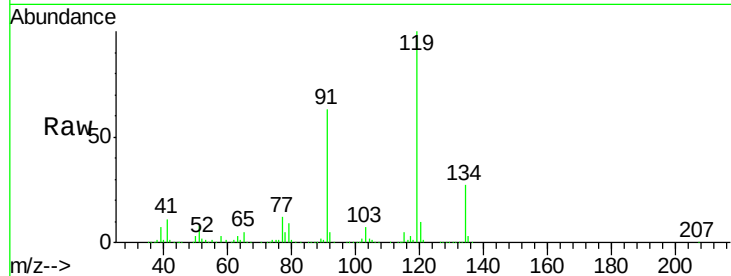
#83
 tert-Butylbenzene
 Concen: 97.173 ug/l
 RT: 13.07 min Scan# 1859
 Delta R.T. 0.00 min
 Lab File: VY000146.D
 Acq: 26 Sep 2019 11:57

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
119	100	693358		
91	61.6		31.0	93.0
134	27.4		14.0	41.9

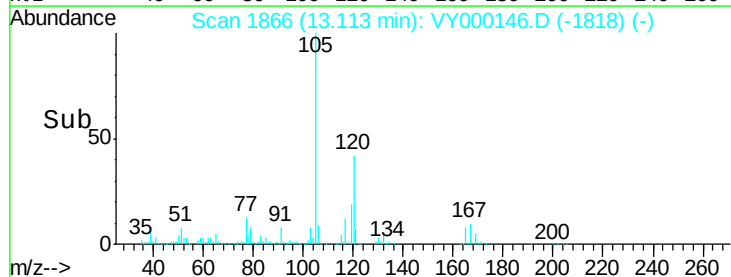
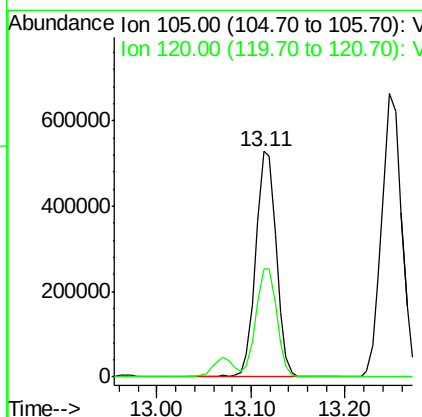
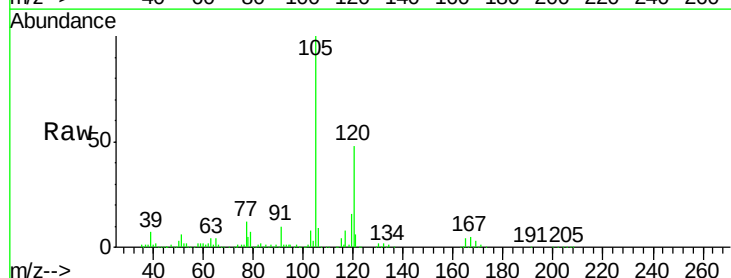
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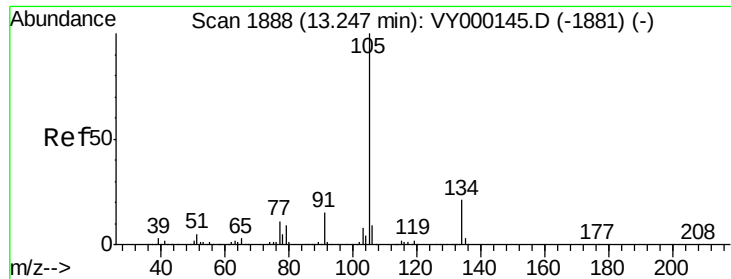
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#84
 1,2,4-Trimethylbenzene
 Concen: 96.056 ug/l
 RT: 13.11 min Scan# 1866
 Delta R.T. -0.01 min
 Lab File: VY000146.D
 Acq: 26 Sep 2019 11:57

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	804325		
120	48.7		24.6	73.8





#85

sec-Butylbenzene

Concen: 95.784 ug/l

RT: 13.25 min Scan# 1888

Delta R.T. 0.00 min

Lab File: VY000146.D

Acq: 26 Sep 2019 11:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tot Ion:105 Resp: 981242

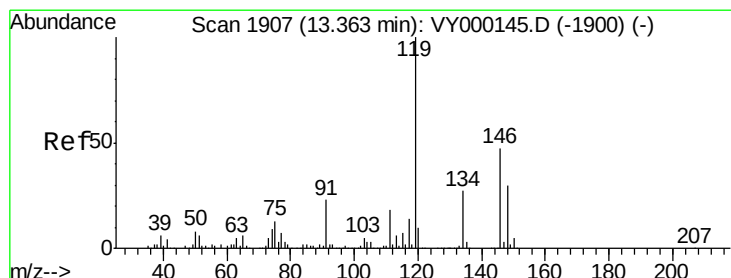
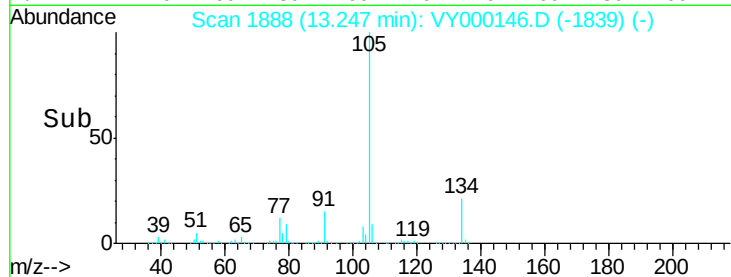
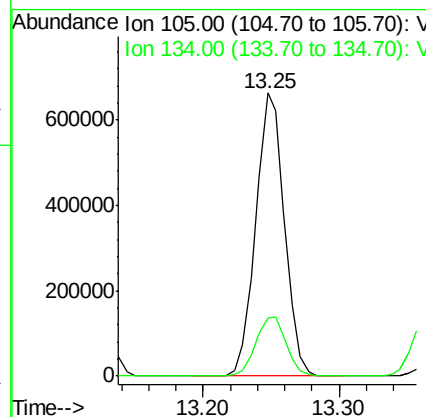
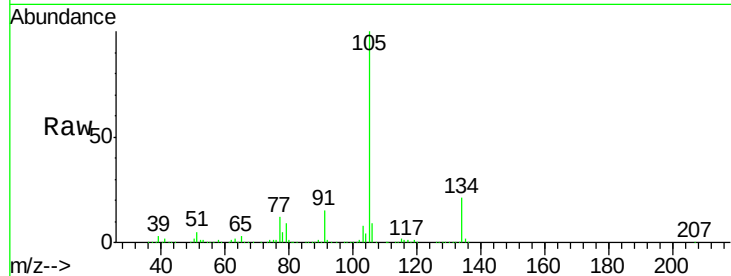
Ion Ratio Lower Upper

105 100

134 22.1 10.9 32.9

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#86

p-Isopropyltoluene

Concen: 96.498 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. 0.00 min

Lab File: VY000146.D

Acq: 26 Sep 2019 11:57

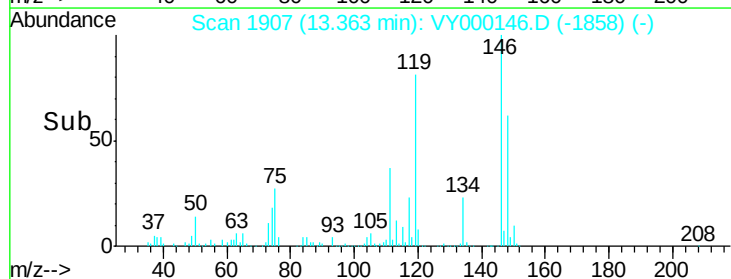
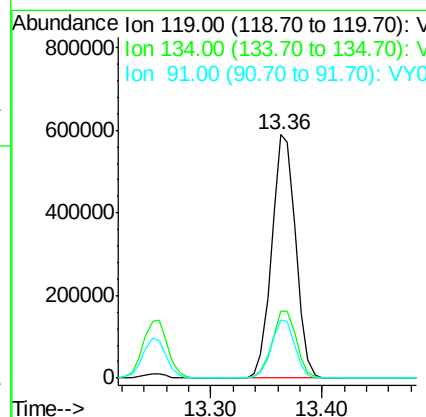
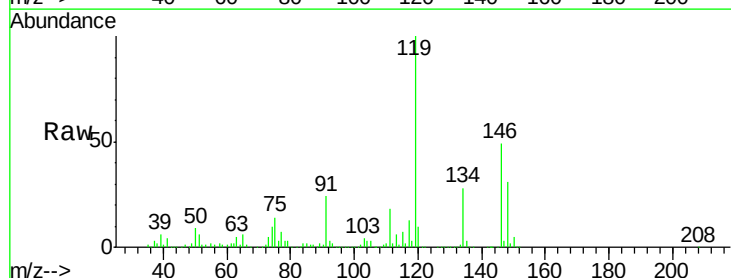
Tgt Ion:119 Resp: 880335

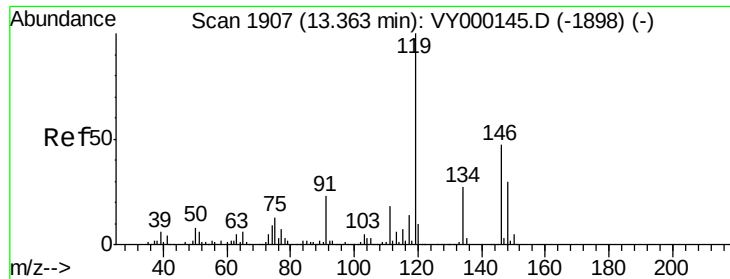
Ion Ratio Lower Upper

119 100

134 28.2 14.3 42.9

91 23.5 11.4 34.1





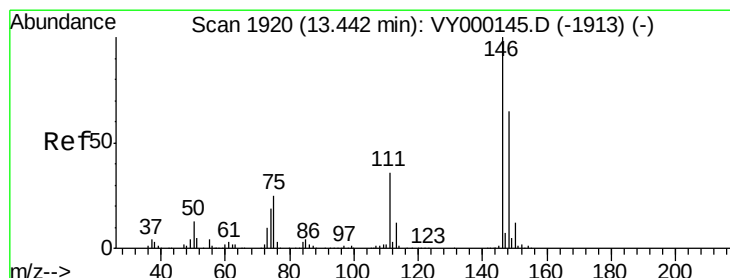
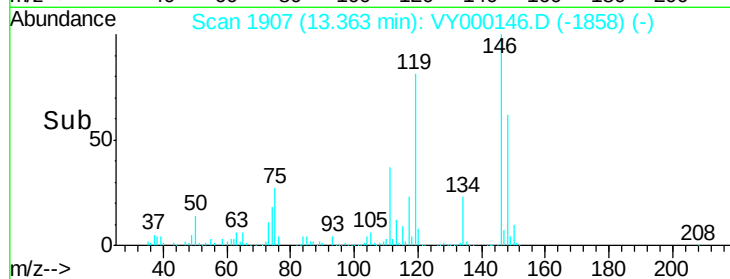
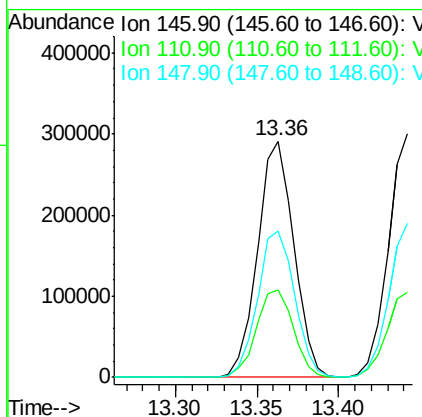
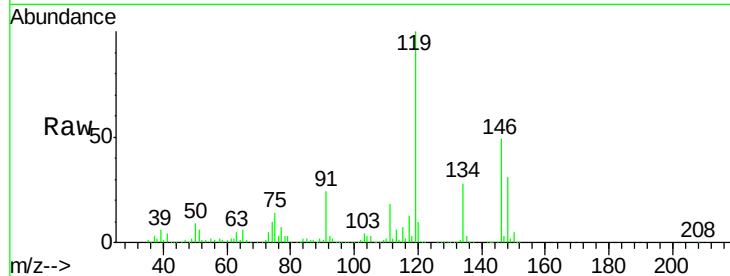
#87
 1,3-Dichlorobenzene
 Concen: 95.133 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VY000146.D
 Acq: 26 Sep 2019 11:57

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
146	100	448536		
111	37.8	19.0	57.0	
148	63.3	31.6	94.8	

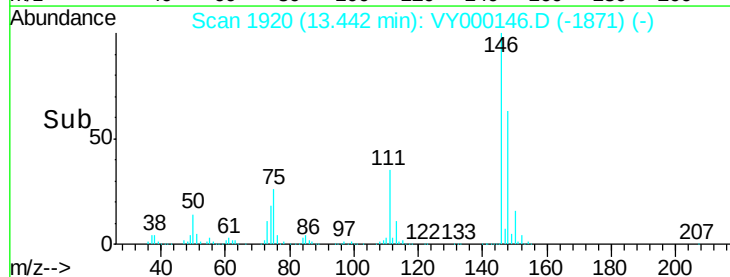
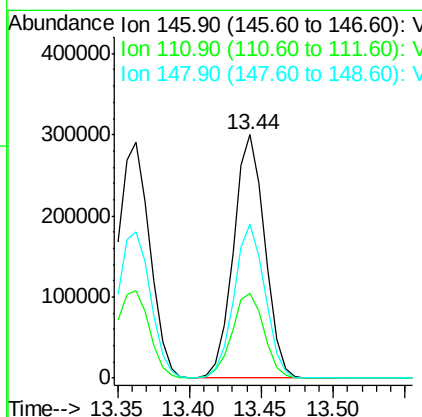
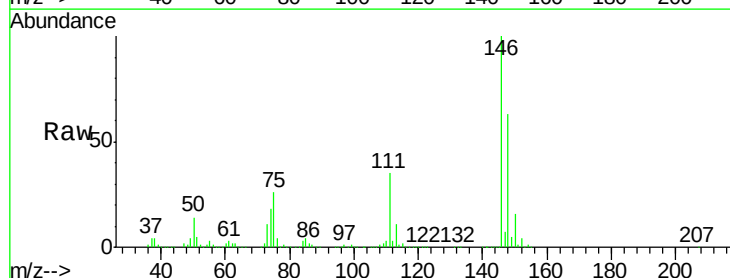
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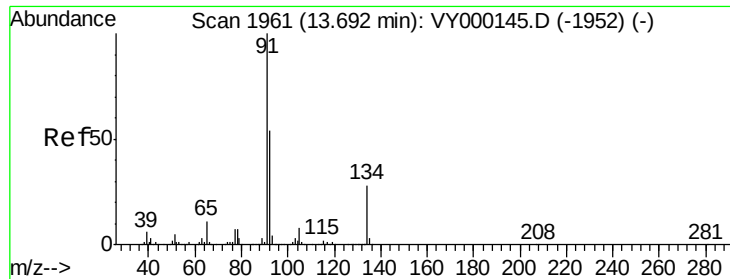
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#88
 1,4-Dichlorobenzene
 Concen: 96.679 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. 0.00 min
 Lab File: VY000146.D
 Acq: 26 Sep 2019 11:57

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	453736		
111	35.8	18.3	54.9	
148	62.8	31.9	95.7	





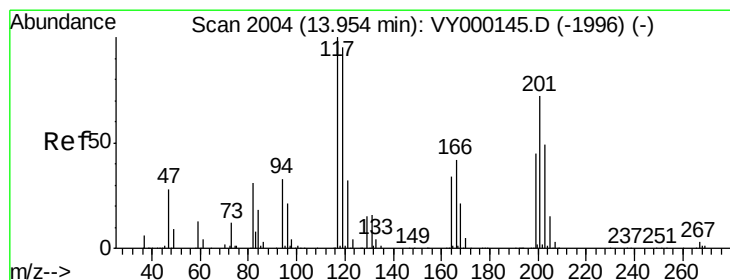
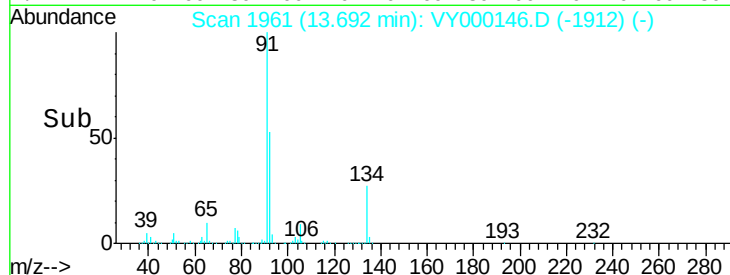
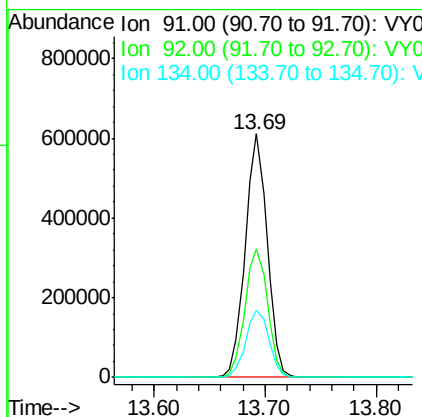
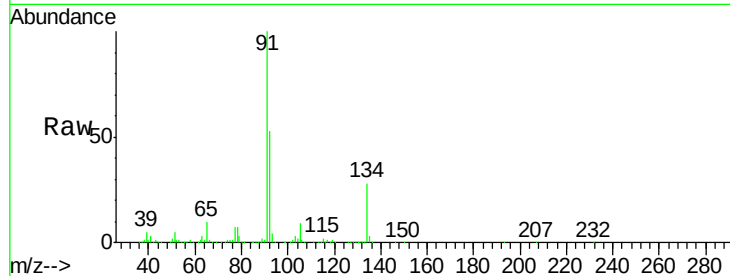
#89
n-Butylbenzene
Concen: 96.727 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. 0.00 min
Lab File: VY000146.D
Acq: 26 Sep 2019 11:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
91	100	838604		
92	54.4	26.8	80.4	
134	28.8	14.4	43.2	

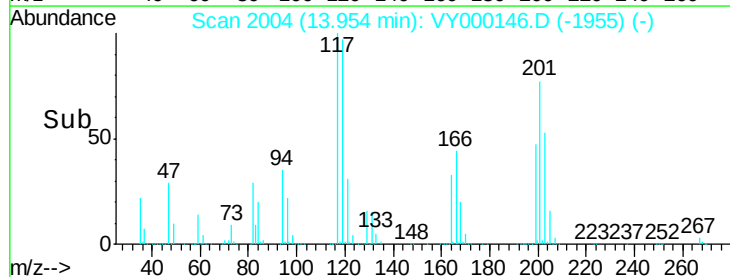
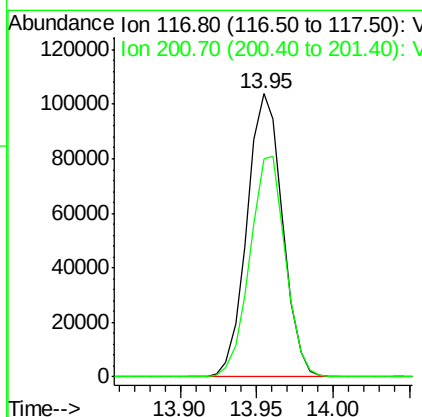
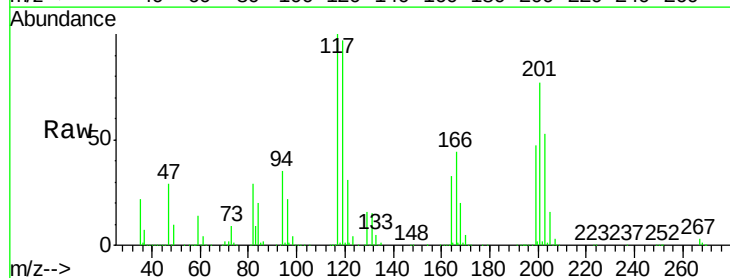
Manual Integrations
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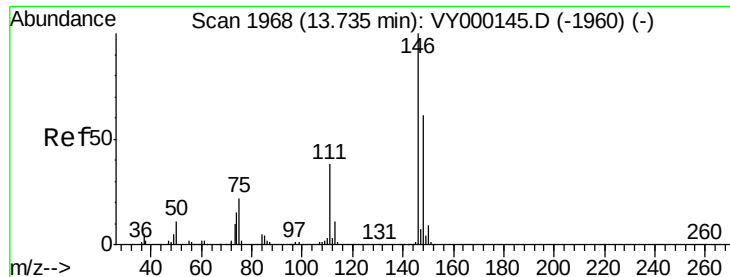
MMDadoda
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#90
Hexachloroethane
Concen: 97.395 ug/l
RT: 13.95 min Scan# 2004
Delta R.T. 0.00 min
Lab File: VY000146.D
Acq: 26 Sep 2019 11:57

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	167860		
201	77.8	38.6	115.8	





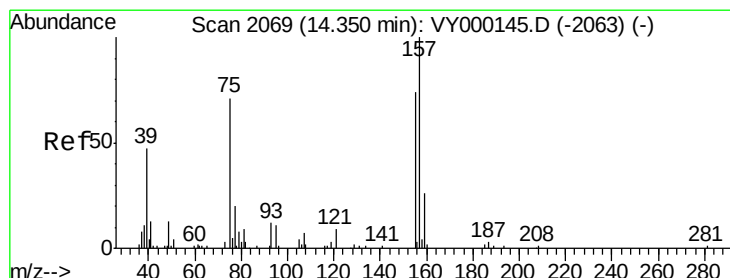
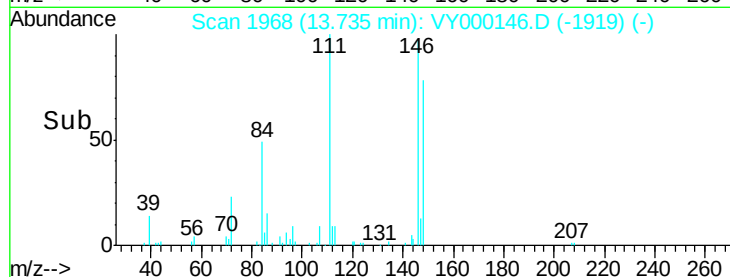
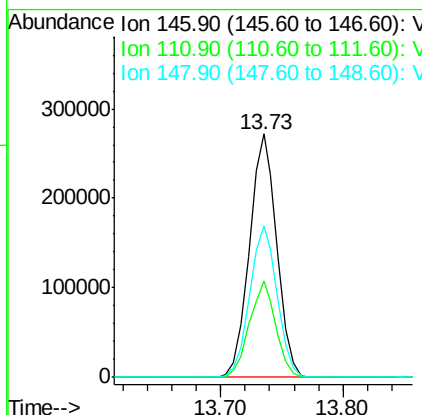
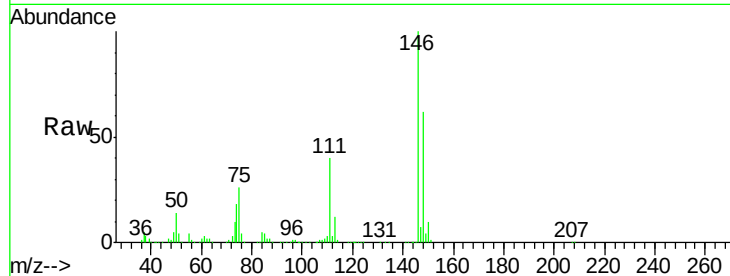
#91
 1,2-Dichlorobenzene
 Concen: 97.479 ug/l
 RT: 13.73 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VY000146.D
 Acq: 26 Sep 2019 11:57

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
146	100	419918		
111	38.2	19.2	57.6	
148	62.7	31.9	95.7	

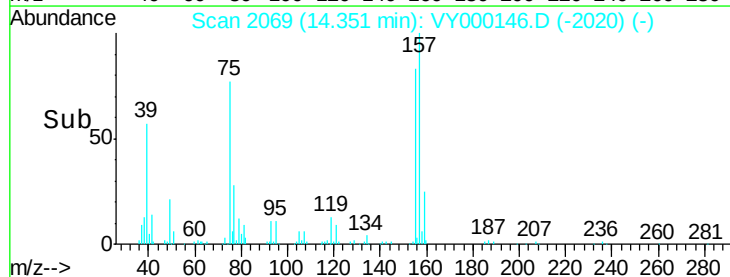
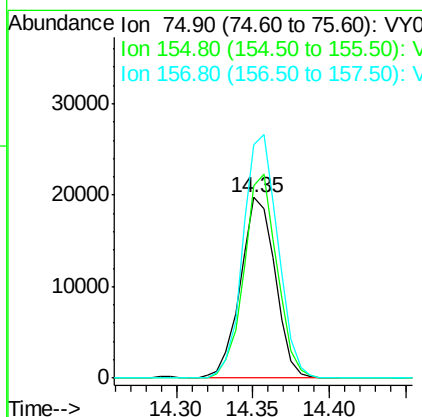
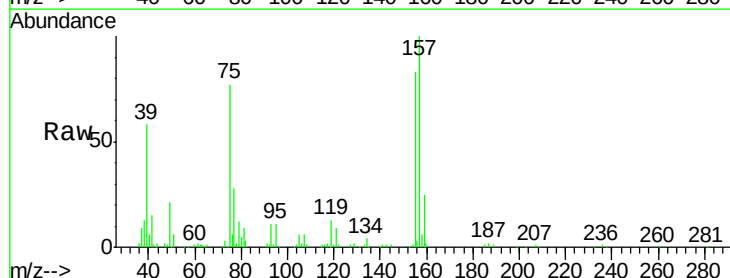
Manual Integrations
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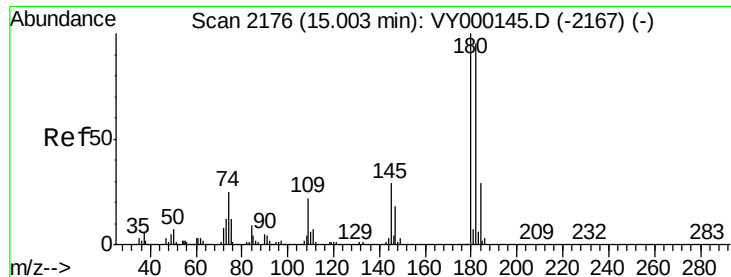
MMDadoda
 10/2/2019 9:13:01 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 101.818 ug/l
 RT: 14.35 min Scan# 2069
 Delta R.T. 0.00 min
 Lab File: VY000146.D
 Acq: 26 Sep 2019 11:57

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	31148		
155	107.7	51.3	153.9	
157	134.7	67.3	201.8	





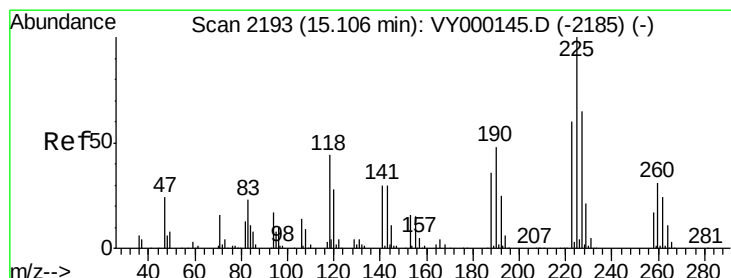
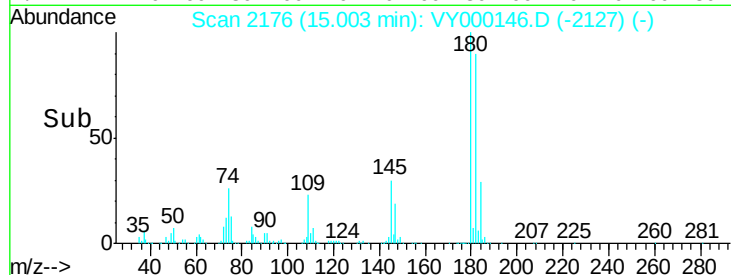
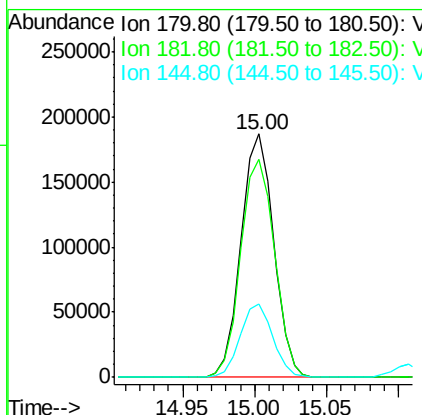
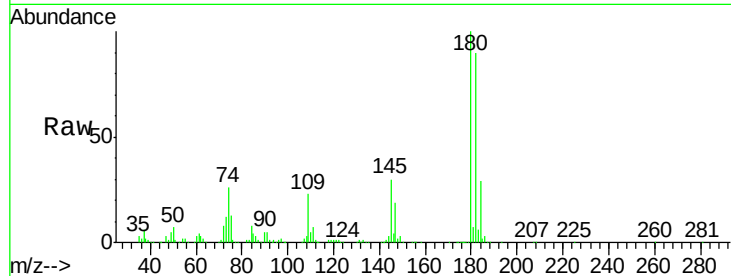
#93
 1,2,4-Trichlorobenzene
 Concen: 98.143 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VY000146.D
 Acq: 26 Sep 2019 11:57

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
180	100	293328		
182	93.2	47.0	141.2	
145	30.1	14.6	44.0	

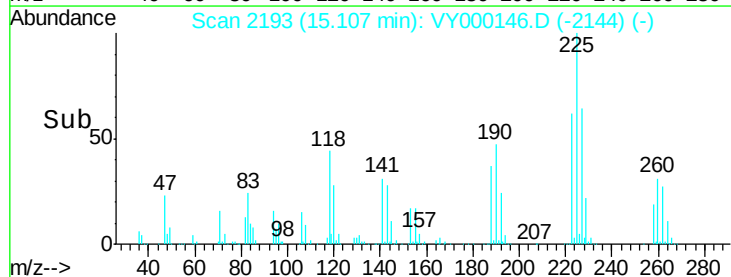
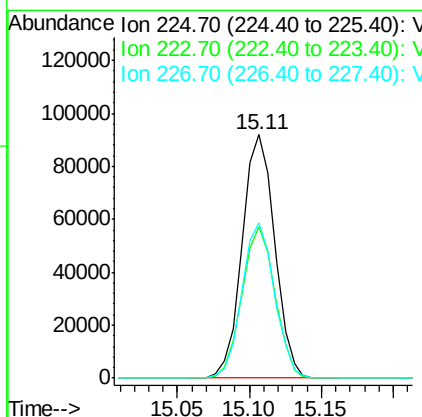
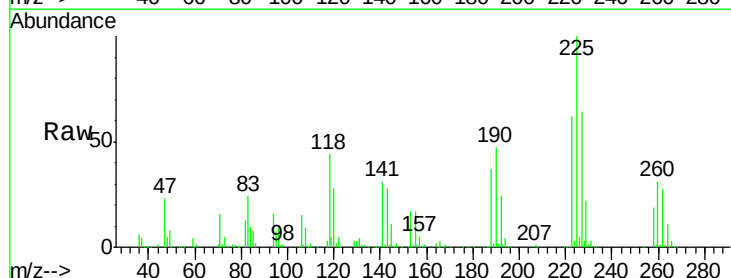
Manual Integrations
 APPROVED

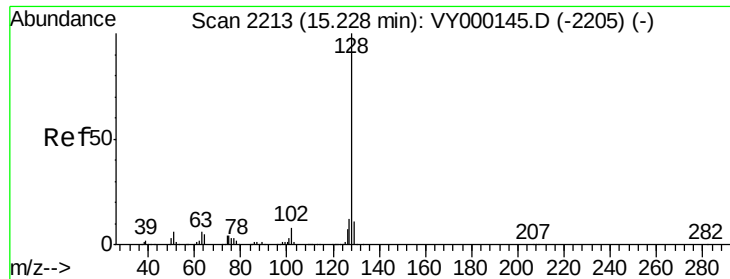
MMDadoda
 10/2/2019 9:13:01 AM



#94
 Hexachlorobutadiene
 Concen: 98.346 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. 0.00 min
 Lab File: VY000146.D
 Acq: 26 Sep 2019 11:57

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	143416		
223	62.9	31.5	94.5	
227	63.9	32.4	97.0	





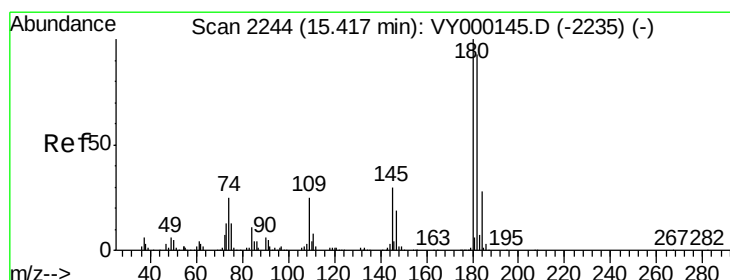
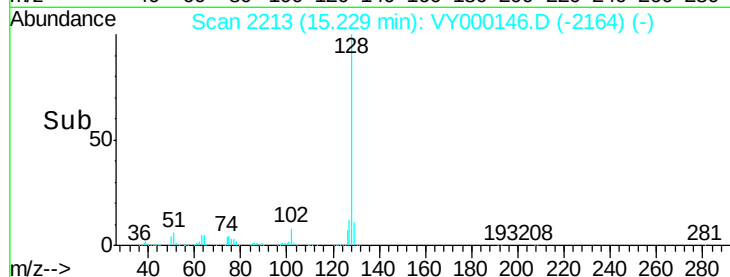
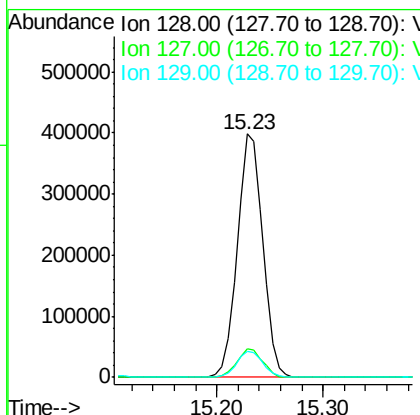
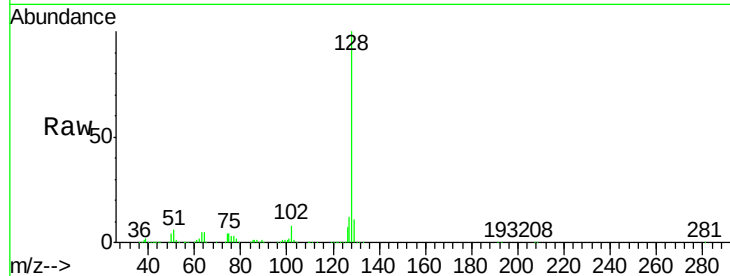
#95
Naphthalene
Concen: 99.482 ug/l
RT: 15.23 min Scan# 2213
Delta R.T. 0.00 min
Lab File: VY000146.D
Acq: 26 Sep 2019 11:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
128	100	665768		
127	11.8		9.5	14.3
129	11.0		8.6	12.8

Manual Integrations
APPROVED

MMDadoda
10/2/2019 9:13:01 AM



#96
1,2,3-Trichlorobenzene
Concen: 98.814 ug/l
RT: 15.42 min Scan# 2244
Delta R.T. 0.00 min
Lab File: VY000146.D
Acq: 26 Sep 2019 11:57

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	264873		
182	93.6		46.6	139.7
145	31.6		15.4	46.4

