

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY100319\
 Data File : VY000186.D
 Acq On : 03 Oct 2019 16:24
 Operator : SY/MD
 Sample : VSTDIC100
 Misc : 5.0ml/MSVOA Y/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

Manual Integrations
 APPROVED

MMDadoda
 10/7/2019 12:51:03 PM

Quant Time: Oct 04 05:52:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y100319W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 04 05:30:54 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	411825	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	615074	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	552186	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	273982	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	422162	98.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	196.14%	
35) Dibromofluoromethane	7.73	113	381756	100.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	200.10%	
50) Toluene-d8	10.19	98	1475658	101.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	202.92%	
62) 4-Bromofluorobenzene	12.48	95	514342	101.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	202.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	375765	137.043	ug/l	98
3) Chloromethane	2.12	50	407109	143.269	ug/l	99
4) Vinyl Chloride	2.25	62	469924	152.519	ug/l	97
5) Bromomethane	2.62	94	258009	128.212	ug/l	100
6) Chloroethane	2.77	64	292724	136.358	ug/l	96
7) Trichlorofluoromethane	3.11	101	666074	135.462	ug/l	99
8) Diethyl Ether	3.53	74	264032	121.333	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.90	101	395210	127.138	ug/l	100
10) Methyl Iodide	4.09	142	717399	169.850	ug/l	99
11) Tert butyl alcohol	4.98	59	1030028	499.261	ug/l	100
12) 1,1-Dichloroethene	3.86	96	407253	139.348	ug/l	94
13) Acrolein	3.73	56	414011	465.785	ug/l	99
14) Allyl chloride	4.48	41	535539m	131.528	ug/l	
15) Acrylonitrile	5.17	53	1877919	566.689	ug/l	100
16) Acetone	3.95	43	1493090	542.944	ug/l	99
17) Carbon Disulfide	4.19	76	1135425	192.866	ug/l	98
18) Methyl Acetate	4.48	43	818332	106.533	ug/l	98
19) Methyl tert-butyl Ether	5.22	73	1343156	113.875	ug/l	98
20) Methylene Chloride	4.72	84	433384	120.387	ug/l	98
21) trans-1,2-Dichloroethene	5.22	96	444087	140.888	ug/l	95
22) Diisopropyl ether	6.13	45	1323256	122.526	ug/l	96
23) Vinyl Acetate	6.07	43	6210443	668.782	ug/l	98
24) 1,1-Dichloroethane	6.02	63	700420	121.216	ug/l	97
25) 2-Butanone	7.00	43	2771861	566.943	ug/l	100
26) 2,2-Dichloropropane	6.99	77	669003	119.020	ug/l	100
27) cis-1,2-Dichloroethene	6.99	96	500608	120.772	ug/l	98
28) Bromochloromethane	7.34	49	228564	100.528	ug/l	94
29) Tetrahydrofuran	7.36	42	2003276	614.115	ug/l	98
30) Chloroform	7.52	83	759023	114.668	ug/l	99
31) Cyclohexane	7.78	56	680611	160.674	ug/l	99
32) 1,1,1-Trichloroethane	7.71	97	693942	122.872	ug/l	99
36) 1,1-Dichloropropene	7.93	75	583728	144.909	ug/l	99
37) Ethyl Acetate	7.09	43	932402	123.825	ug/l	99
38) Carbon Tetrachloride	7.91	117	640912	129.780	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	771966	162.386	ug/l	99
40) Benzene	8.17	78	1768290	132.369	ug/l	97
41) Methacrylonitrile	7.33	41	395625m	110.823	ug/l	
42) 1,2-Dichloroethane	8.25	62	569209	122.549	ug/l	100
43) Isopropyl Acetate	8.28	43	1224295	120.571	ug/l	99
44) Trichloroethene	8.94	130	529217	126.939	ug/l	92
45) 1,2-Dichloropropane	9.22	63	413635	120.729	ug/l	99
46) Dibromomethane	9.31	93	309776	121.478	ug/l	98
47) Bromodichloromethane	9.50	83	611676	117.417	ug/l	96
48) Methyl methacrylate	9.30	41	544666	120.394	ug/l	97
49) 1,4-Dioxane	9.30	88	305516	2166.258	ug/l	98
51) 4-Methyl-2-Pentanone	10.08	43	4613650	576.279	ug/l	99
52) Toluene	10.25	92	1179717	133.522	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	704050	123.079	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	750862	125.877	ug/l	99
55) 1,1,2-Trichloroethane	10.65	97	452475	111.372	ug/l	99
56) Ethyl methacrylate	10.52	69	759592	120.466	ug/l	99
57) 1,3-Dichloropropane	10.80	76	739753	116.980	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.79	63	1691025	525.581	ug/l	98
59) 2-Hexanone	10.84	43	3911726	579.995	ug/l	100
60) Dibromochloromethane	10.99	129	530297	113.468	ug/l	99
61) 1,2-Dibromoethane	11.09	107	496999	120.652	ug/l	100
64) Tetrachloroethene	10.72	164	530801	123.417	ug/l	99
65) Chlorobenzene	11.52	112	1257360	120.064	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	463560	107.343	ug/l	99
67) Ethyl Benzene	11.60	91	2208711	126.410	ug/l	100
68) m/p-Xylenes	11.70	106	1758639	253.667	ug/l	98
69) o-Xylene	12.03	106	836004	120.320	ug/l	96
70) Styrene	12.05	104	1440720	120.402	ug/l	99
71) Bromoform	12.21	173	425581	106.980	ug/l #	100
73) Isopropylbenzene	12.33	105	2212382	122.223	ug/l	99
74) N-amyl acetate	12.14	43	995218	124.952	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	674477	104.997	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	481381m	100.205	ug/l	
77) Bromobenzene	12.61	156	550444	110.502	ug/l	97
78) n-propylbenzene	12.67	91	2538691	125.426	ug/l	99
79) 2-Chlorotoluene	12.75	91	1414525	118.610	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	1845643	121.593	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	313145	116.708	ug/l #	86
82) 4-Chlorotoluene	12.86	91	1471339	115.873	ug/l	100
83) tert-Butylbenzene	13.08	119	1596965	115.430	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	1834071	121.746	ug/l	99
85) sec-Butylbenzene	13.25	105	2212370	119.480	ug/l	99
86) p-Isopropyltoluene	13.37	119	2035029	119.816	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	1000360	111.204	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	1011140	107.966	ug/l	99
89) n-Butylbenzene	13.70	91	1858542	124.584	ug/l	100
90) Hexachloroethane	13.96	117	380145	112.934	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	971180	106.255	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	231136	107.230	ug/l	99

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VSTDICC100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	719720	107.582	ug/l	99
94) Hexachlorobutadiene	15.11	225	353693	113.777	ug/l	99
95) Naphthalene	15.23	128	2556527	108.232	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	711921	107.579	ug/l	100

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

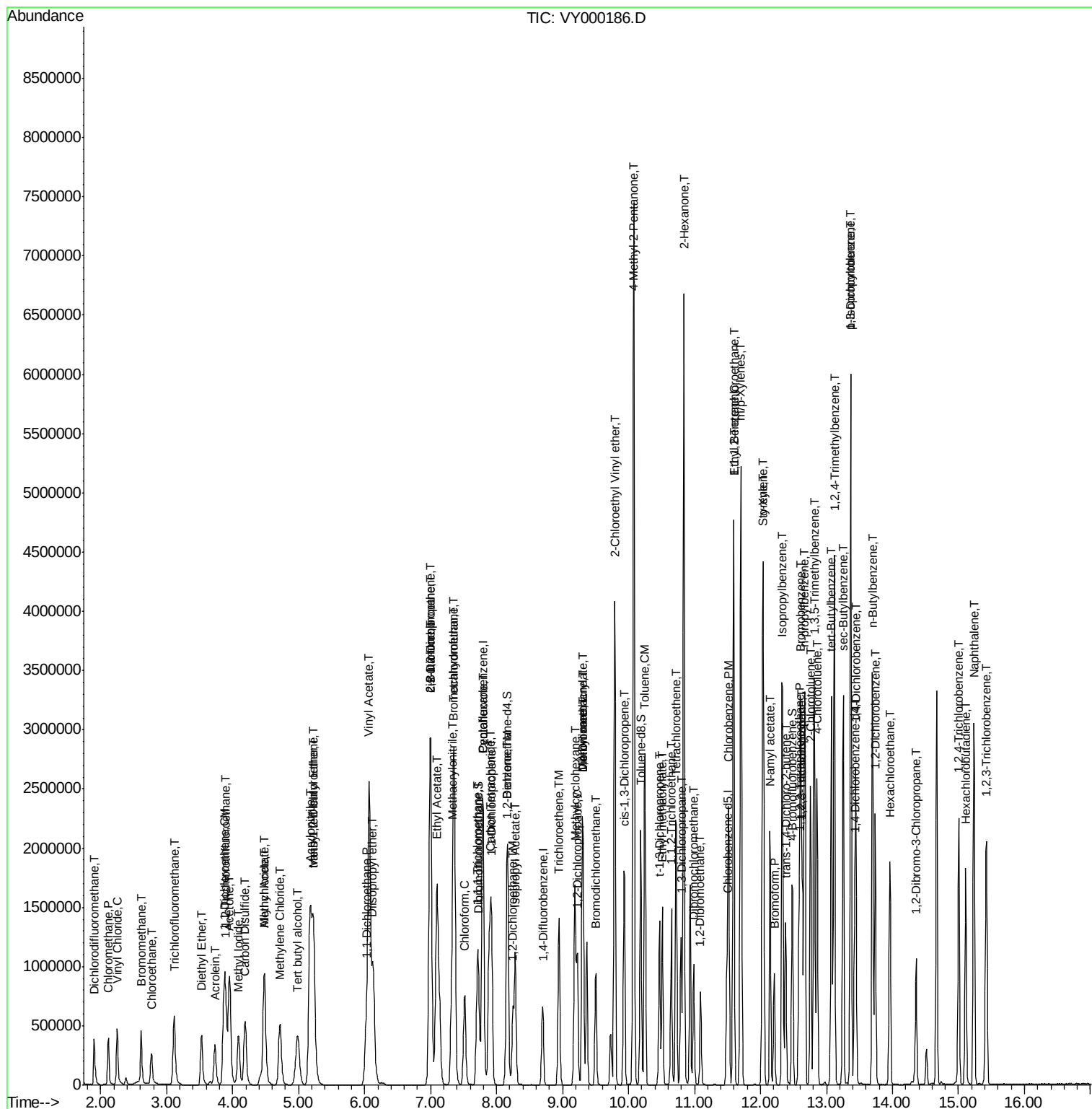
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY100319\
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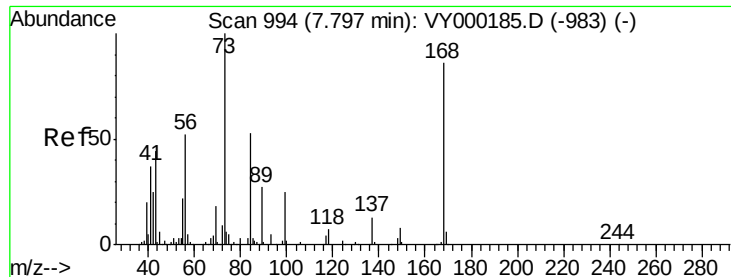
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations
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Quant Title : SW846 8260
QLast Update : Fri Oct 04 05:30:54 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

Lab File: VY000186.D

Acq: 03 Oct 2019 16:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tot Ion:168 Resp: 411825

Ion Ratio Lower Upper

168 100

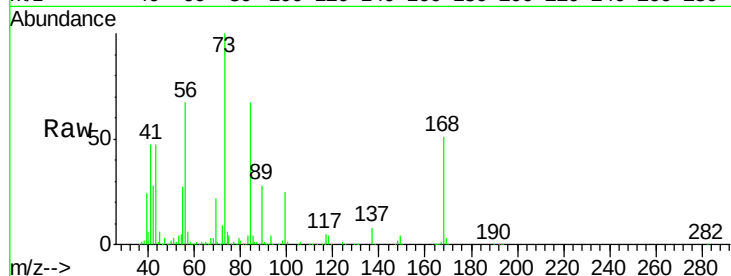
99 49.0 39.0 58.6

Manual Integrations

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10/7/2019 12:51:03 PM



Abundance Ion 167.90 (167.60 to 168.60): VY000186.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY000186.D (-945) (-)

7.80

200000

150000

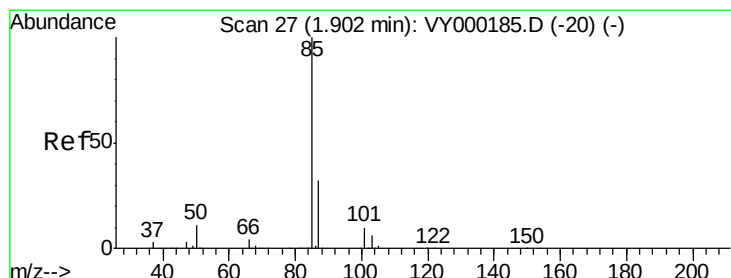
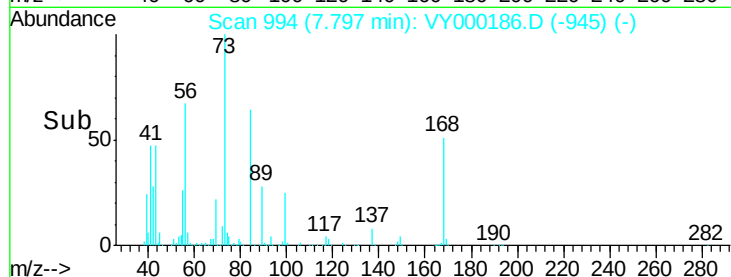
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 137.043 ug/l

RT: 1.90 min Scan# 27

Delta R.T. -0.00 min

Lab File: VY000186.D

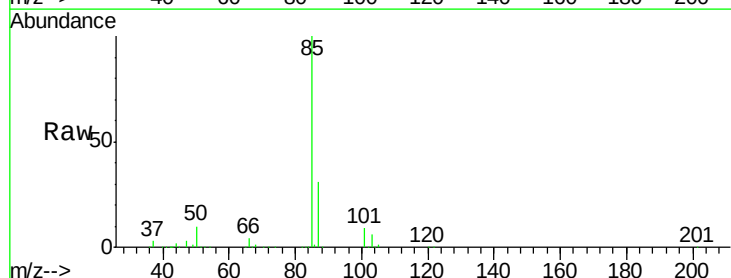
Acq: 03 Oct 2019 16:24

Tgt Ion: 85 Resp: 375765

Ion Ratio Lower Upper

85 100

87 31.1 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VY000186.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY000186.D (-1) (-)

1.90

250000

200000

150000

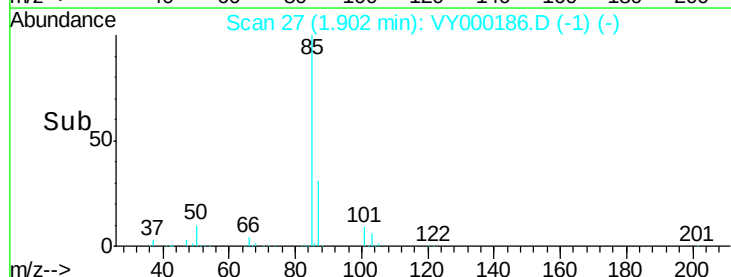
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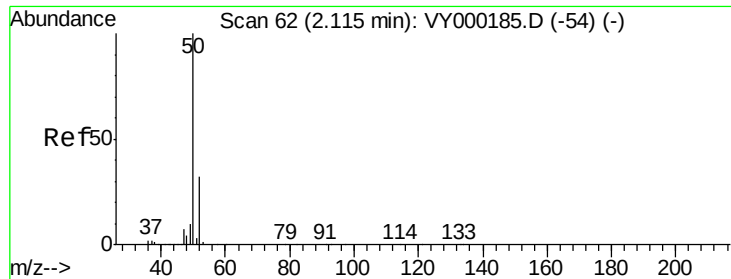
50000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 143.269 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY000186.D

Acq: 03 Oct 2019 16:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tot Ion: 50 Resp: 407109

Ion Ratio Lower Upper

50 100

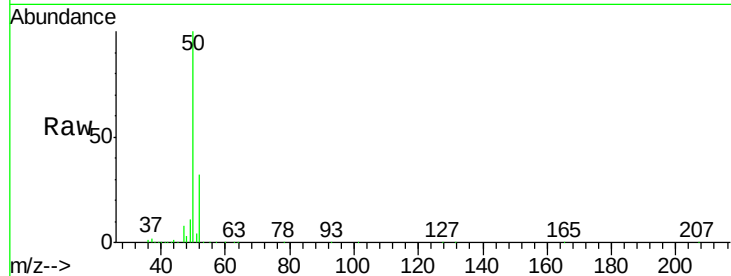
52 32.3 25.3 37.9

Manual Integrations

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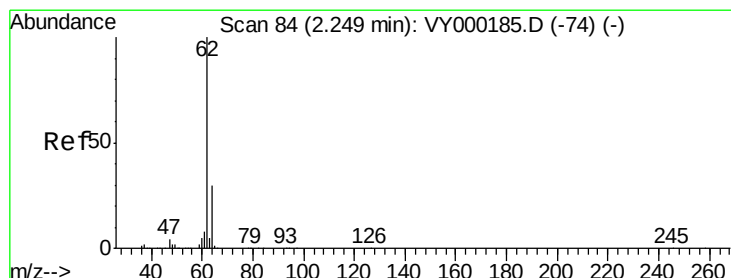
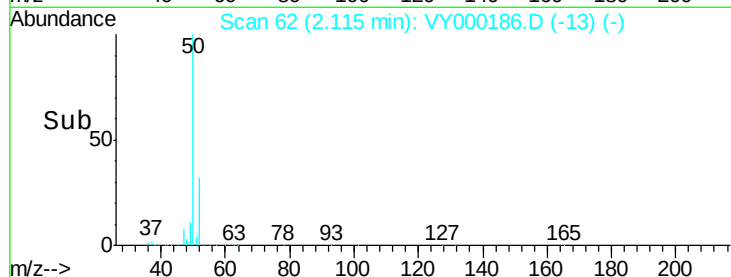
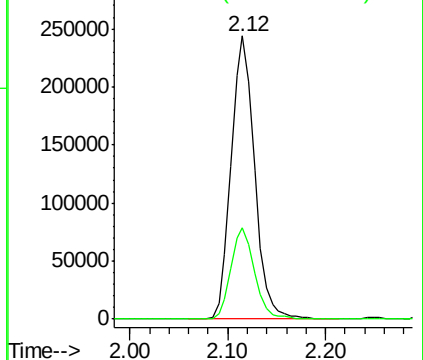
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Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 152.519 ug/l

RT: 2.25 min Scan# 84

Delta R.T. -0.00 min

Lab File: VY000186.D

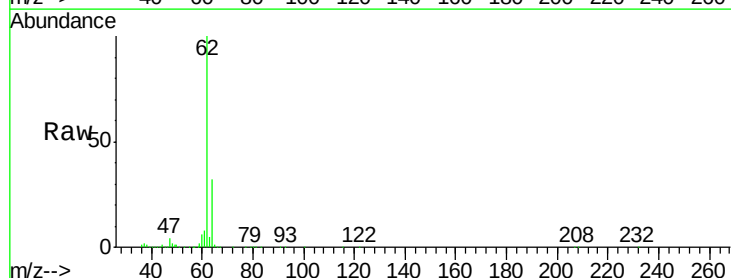
Acq: 03 Oct 2019 16:24

Tgt Ion: 62 Resp: 469924

Ion Ratio Lower Upper

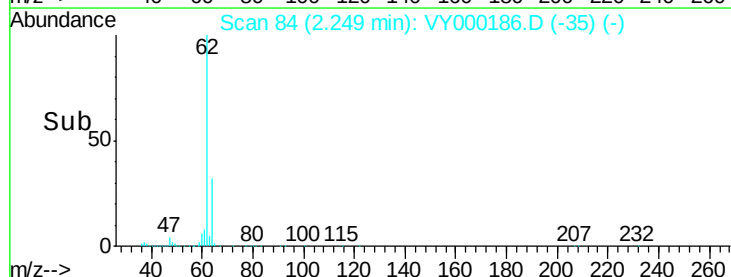
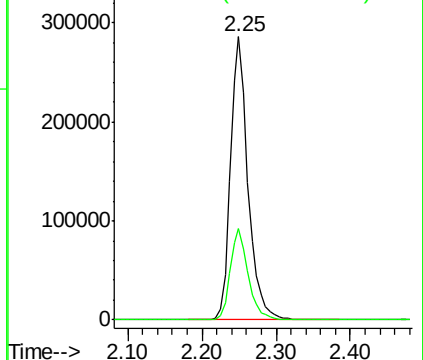
62 100

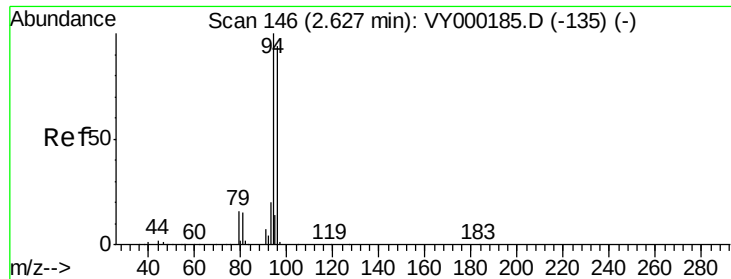
64 32.1 24.3 36.5



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 128.212 ug/l

RT: 2.62 min Scan# 144

Delta R.T. -0.01 min

Lab File: VY000186.D

Acq: 03 Oct 2019 16:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tot Ion: 94 Resp: 258009

Ion Ratio Lower Upper

94 100

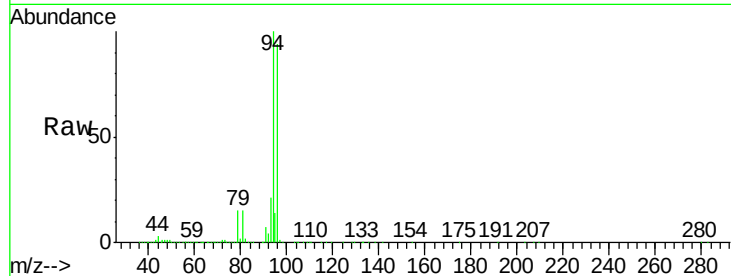
96 94.2 75.3 112.9

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0

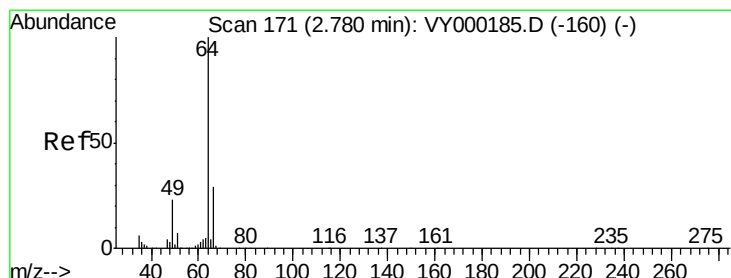
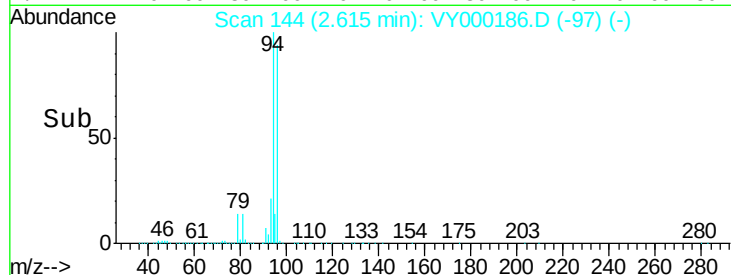
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100000

50000

0

Time--> 2.50 2.55 2.60 2.65 2.70



#6

Chloroethane

Concen: 136.358 ug/l

RT: 2.77 min Scan# 169

Delta R.T. -0.01 min

Lab File: VY000186.D

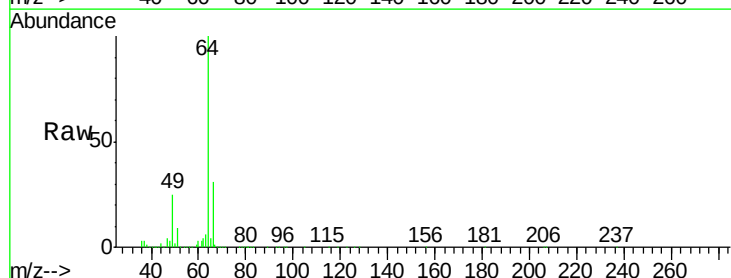
Acq: 03 Oct 2019 16:24

Tgt Ion: 64 Resp: 292724

Ion Ratio Lower Upper

64 100

66 31.2 23.1 34.7



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0

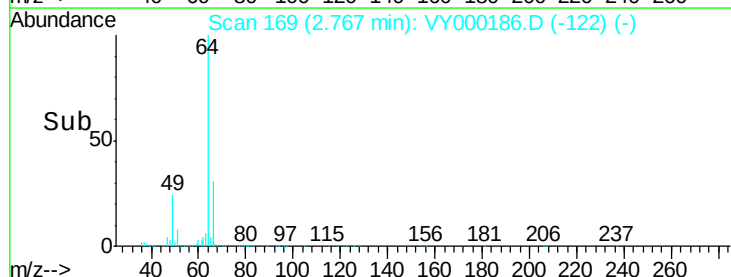
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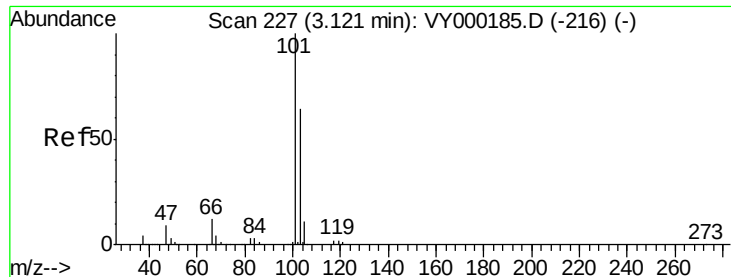
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50000

0

Time--> 2.60 2.70 2.80 2.90 3.00





#7

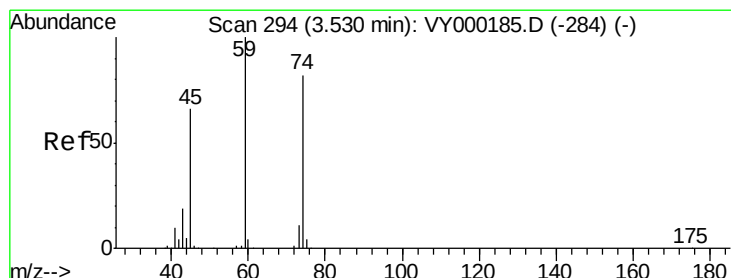
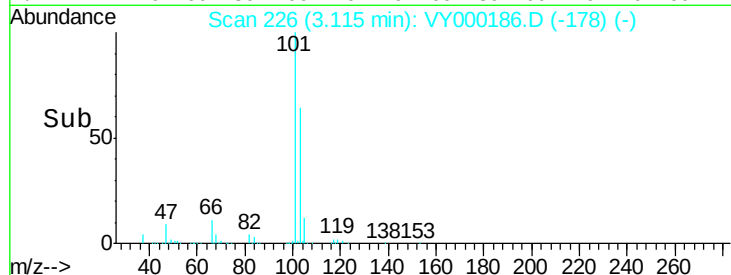
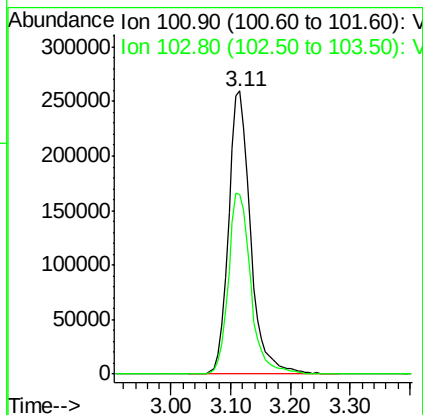
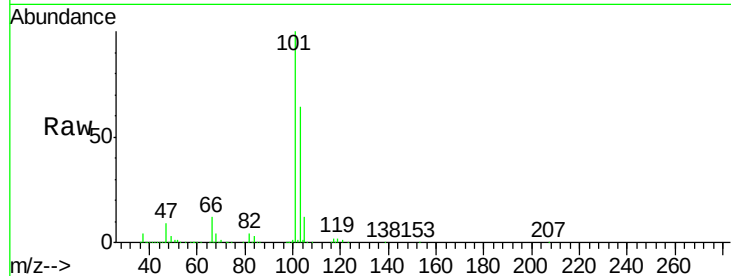
Trichlorofluoromethane
Concen: 135.462 ug/l
RT: 3.11 min Scan# 226
Delta R.T. -0.01 min
Lab File: VY000186.D
Acq: 03 Oct 2019 16:24

Instrument :
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VSTDIC100

Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		666074		
103	63.6	51.3	76.9		

Manual Integrations
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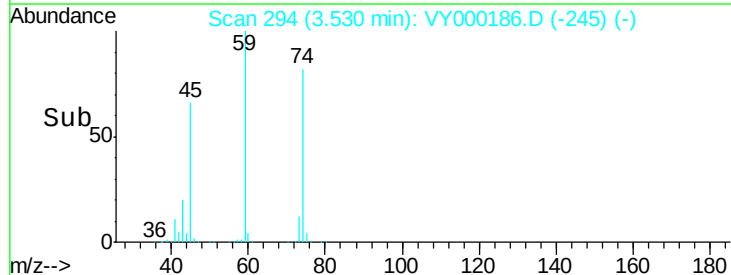
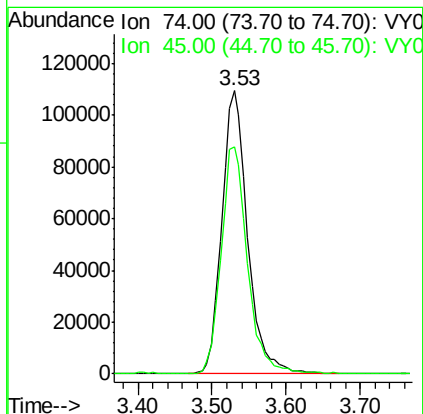
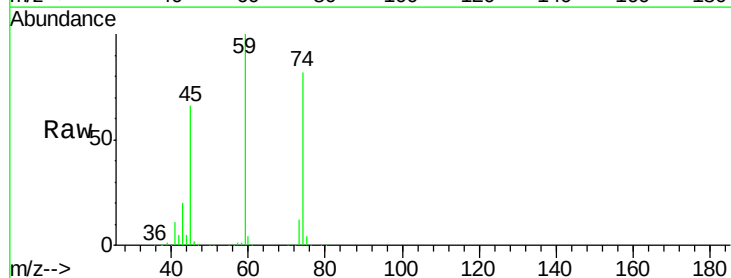
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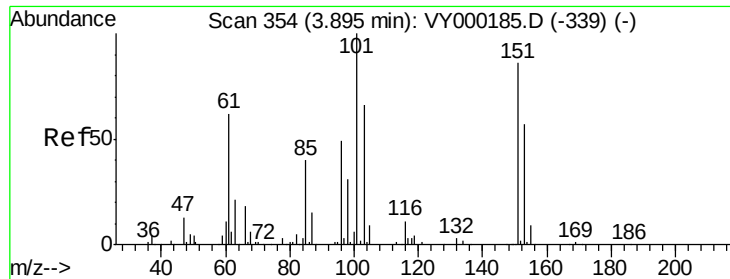


#8

Diethyl Ether
Concen: 121.333 ug/l
RT: 3.53 min Scan# 294
Delta R.T. -0.00 min
Lab File: VY000186.D
Acq: 03 Oct 2019 16:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		264032		
45	81.6	40.6	121.7		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 127.138 ug/l

RT: 3.90 min Scan# 354

Delta R.T. -0.00 min

Lab File: VY000186.D

Acq: 03 Oct 2019 16:24

Instrument :

MSVOA_Y

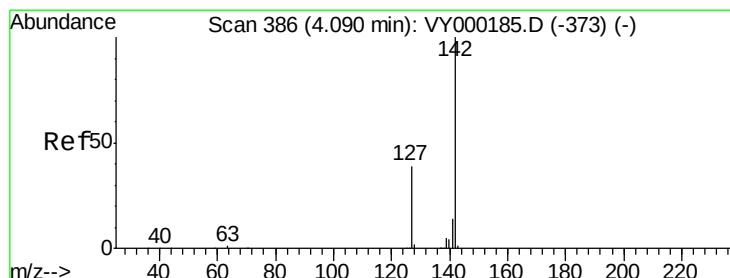
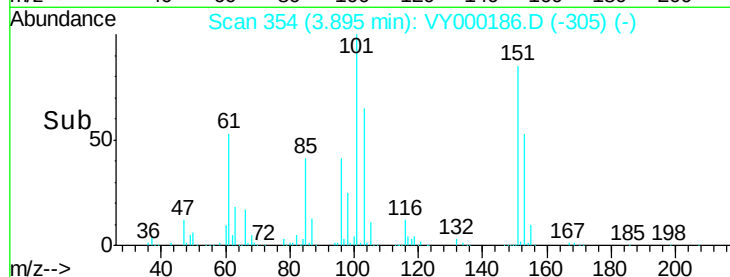
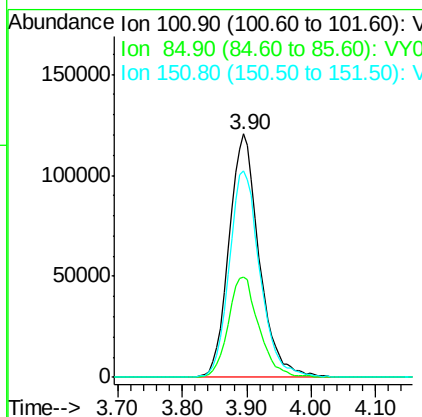
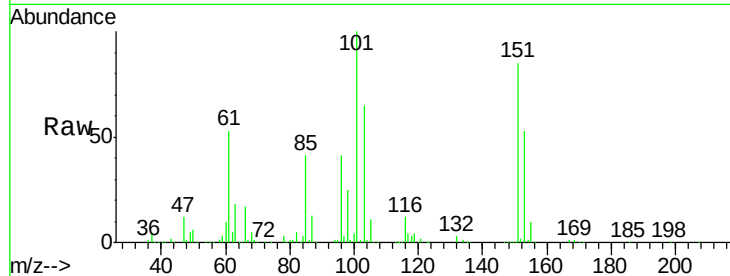
ClientSampleId :

VSTDIC100

Tot Ion:	101	Resp:	395210
Ion Ratio	Lower	Upper	
101	100		
85	42.1	33.8	50.6
151	86.8	69.7	104.5

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#10

Methyl Iodide

Concen: 169.850 ug/l

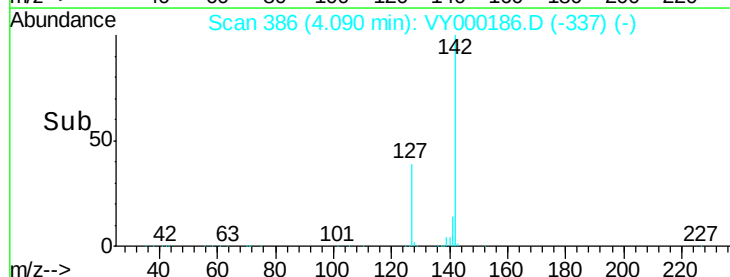
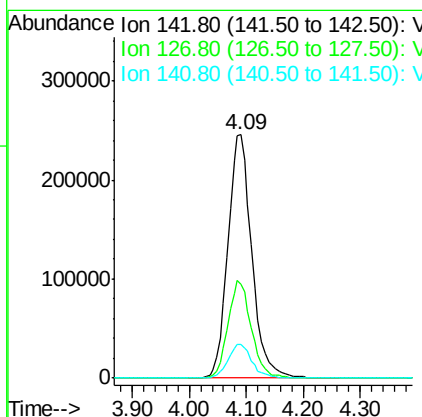
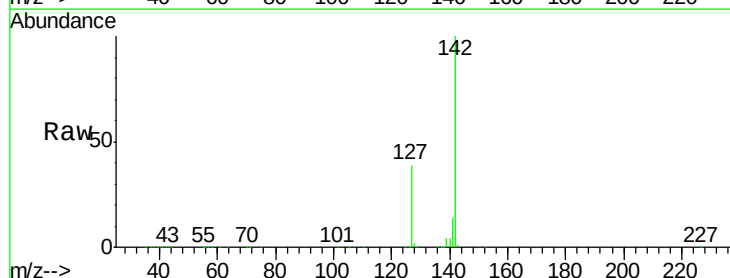
RT: 4.09 min Scan# 386

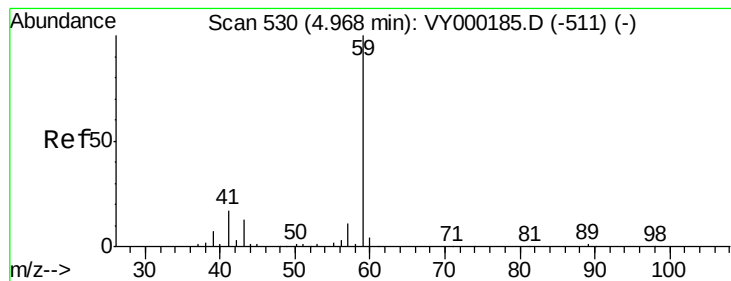
Delta R.T. -0.00 min

Lab File: VY000186.D

Acq: 03 Oct 2019 16:24

Tgt Ion:	142	Resp:	717399
Ion Ratio	Lower	Upper	
142	100		
127	39.2	31.7	47.5
141	13.8	11.0	16.6





#11

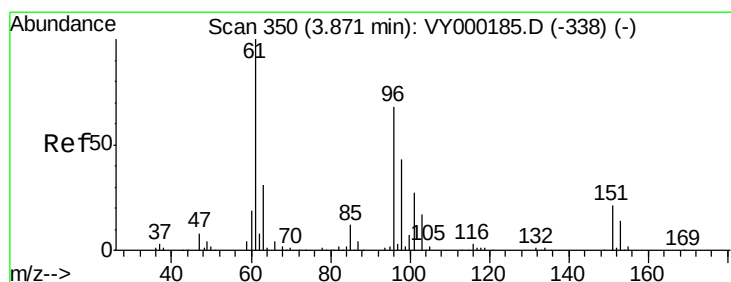
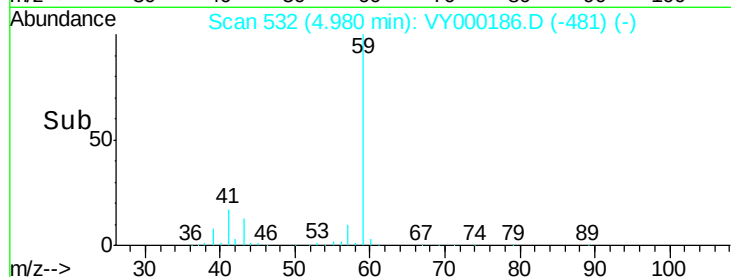
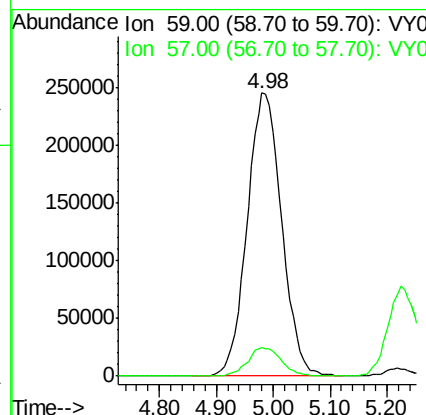
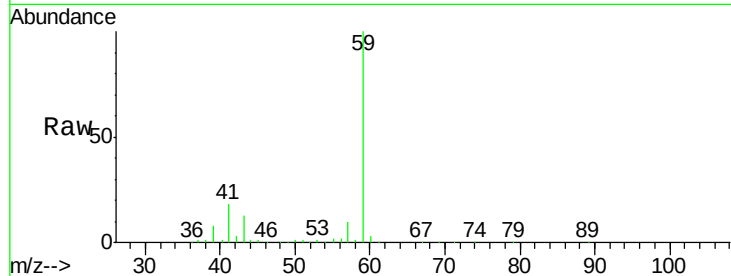
Tert butyl alcohol
Concen: 499.261 ug/l
RT: 4.98 min Scan# 532
Delta R.T. 0.01 min
Lab File: VY000186.D
Acq: 03 Oct 2019 16:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tot Ion: 59 Resp: 1030028
Ion Ratio Lower Upper
59 100
57 9.9 7.8 11.8

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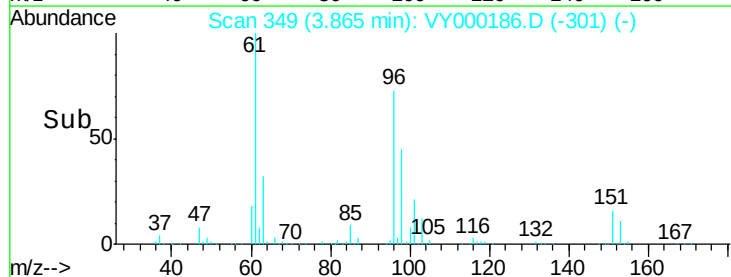
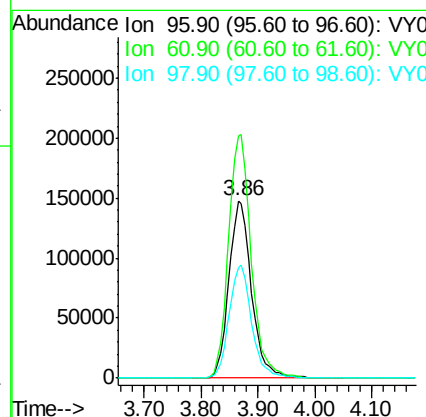
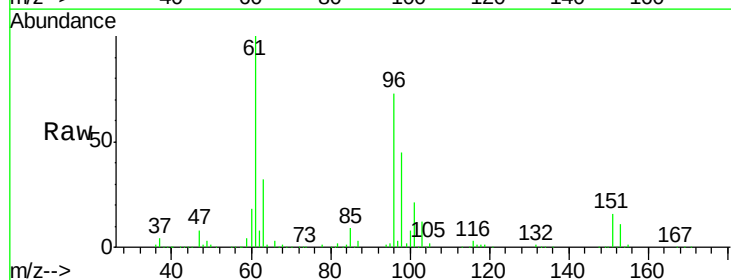
MMDadoda
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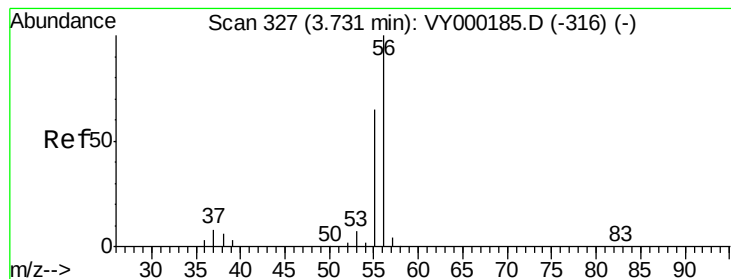


#12

1,1-Dichloroethene
Concen: 139.348 ug/l
RT: 3.86 min Scan# 349
Delta R.T. -0.01 min
Lab File: VY000186.D
Acq: 03 Oct 2019 16:24

Tgt Ion: 96 Resp: 407253
Ion Ratio Lower Upper
96 100
61 136.3 117.1 175.7
98 61.9 50.3 75.5





#13

Acrolein

Concen: 465.785 ug/l

RT: 3.73 min Scan# 327

Delta R.T. -0.00 min

Lab File: VY000186.D

Acq: 03 Oct 2019 16:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tot Ion: 56 Resp: 414011

Ion Ratio Lower Upper

56 100

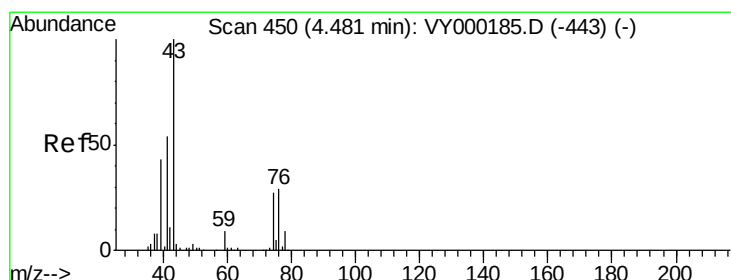
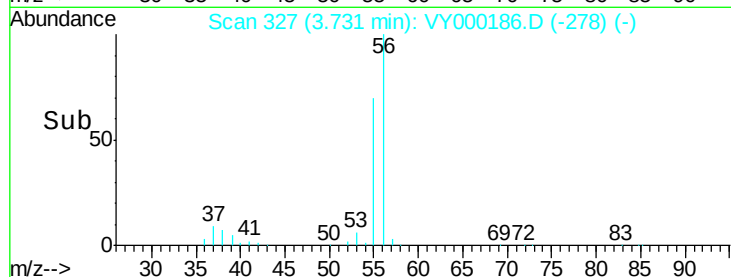
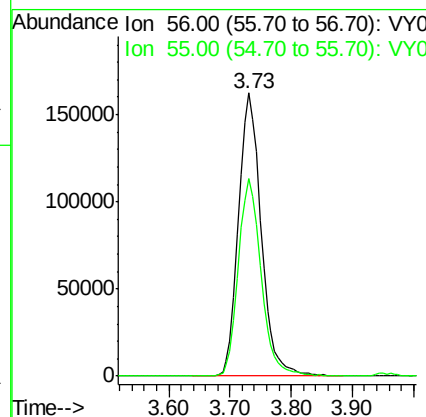
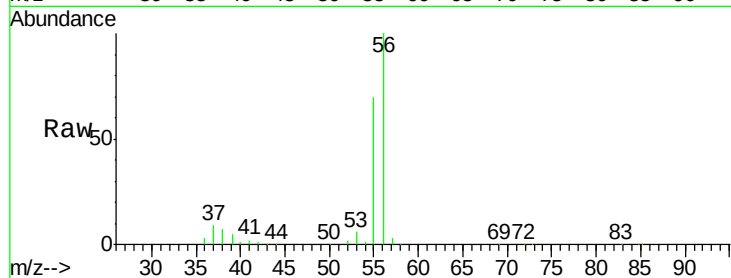
55 69.9 55.5 83.3

Manual Integrations

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#14

Allyl chloride

Concen: 131.528 ug/l m

RT: 4.48 min Scan# 450

Delta R.T. -0.00 min

Lab File: VY000186.D

Acq: 03 Oct 2019 16:24

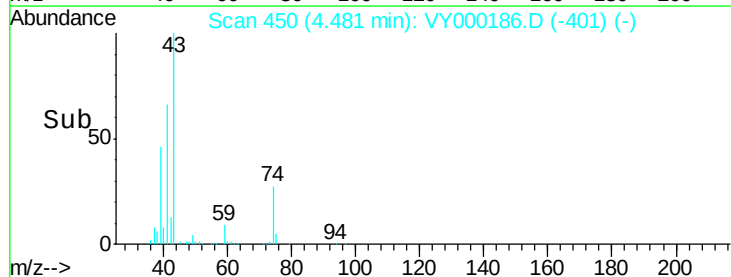
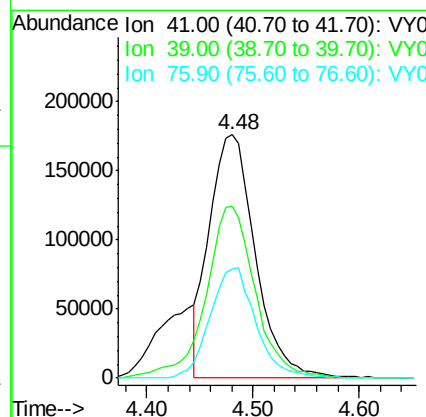
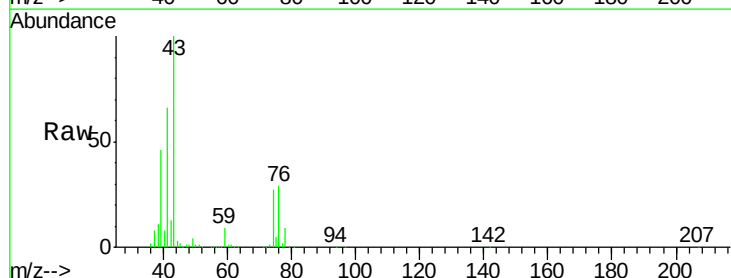
Tgt Ion: 41 Resp: 535539

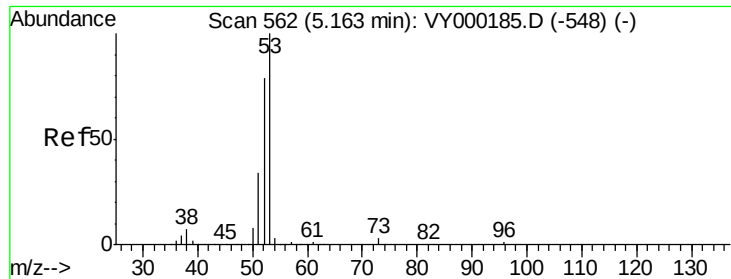
Ion Ratio Lower Upper

41 100

39 75.8 61.8 92.6

76 45.1 36.2 54.4





#15

Acrylonitrile

Concen: 566.689 ug/l

RT: 5.17 min Scan# 563

Delta R.T. 0.01 min

Lab File: VY000186.D

Acq: 03 Oct 2019 16:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

Tot Ion: 53 Resp: 1877919

Ion Ratio Lower Upper

53 100

52 81.2 64.8 97.2

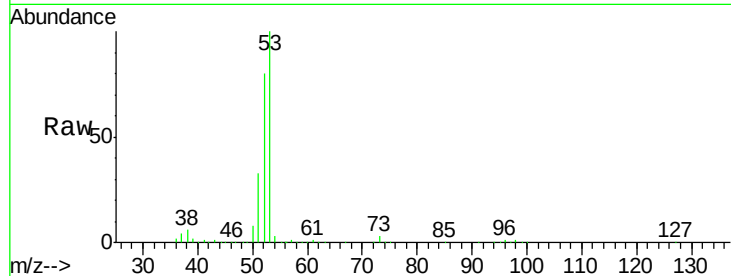
51 34.5 27.7 41.5

Manual Integrations

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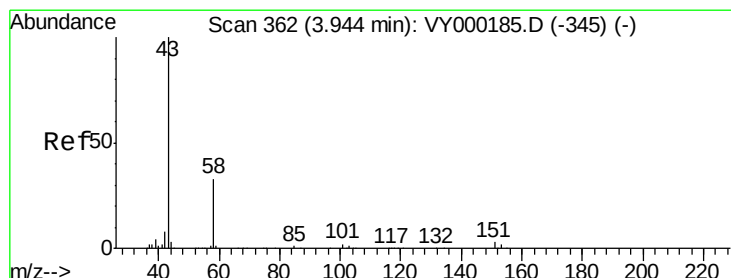
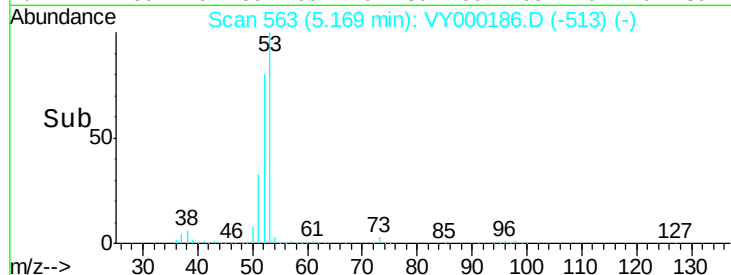
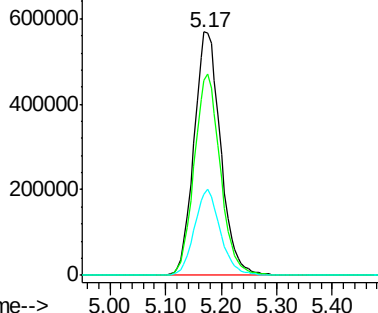
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Abundance Ion 53.00 (52.70 to 53.70): VY0

Ion 52.00 (51.70 to 52.70): VY0

Ion 51.00 (50.70 to 51.70): VY0



#16

Acetone

Concen: 542.944 ug/l

RT: 3.95 min Scan# 363

Delta R.T. 0.01 min

Lab File: VY000186.D

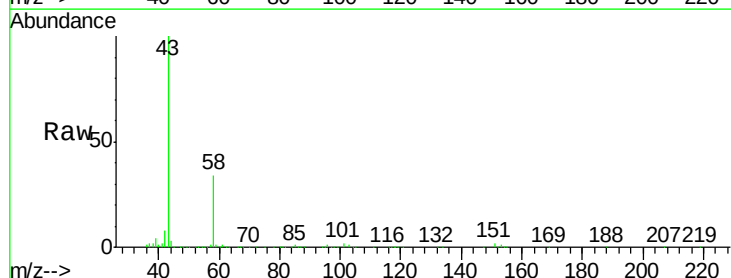
Acq: 03 Oct 2019 16:24

Tgt Ion: 43 Resp: 1493090

Ion Ratio Lower Upper

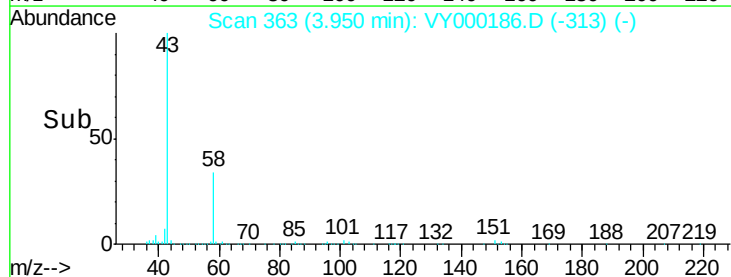
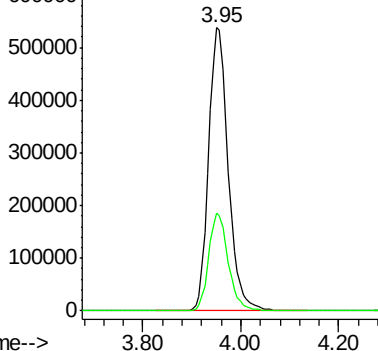
43 100

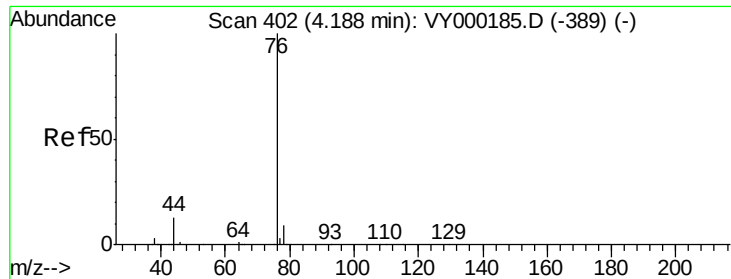
58 34.3 26.8 40.2



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0





#17

Carbon Disulfide

Concen: 192.866 ug/l

RT: 4.19 min Scan# 402

Delta R.T. -0.00 min

Lab File: VY000186.D

Acq: 03 Oct 2019 16:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tot Ion: 76 Resp: 1135425

Ion Ratio Lower Upper

76 100

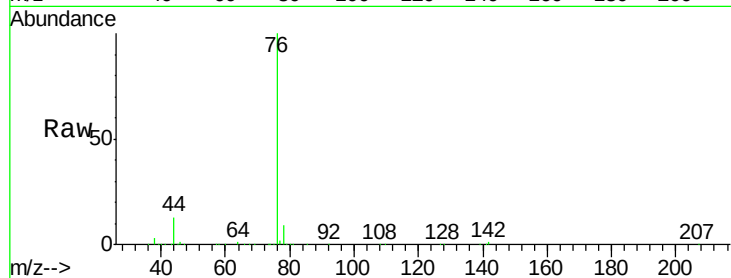
78 8.6 7.6 11.4

Manual Integrations

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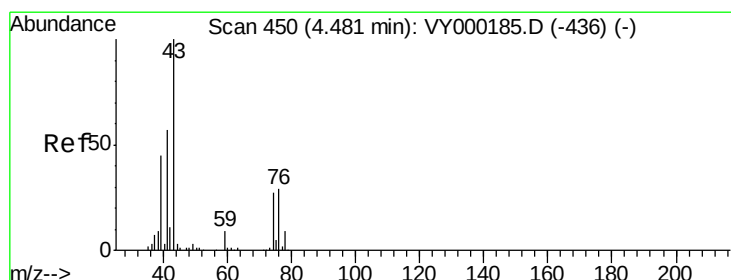
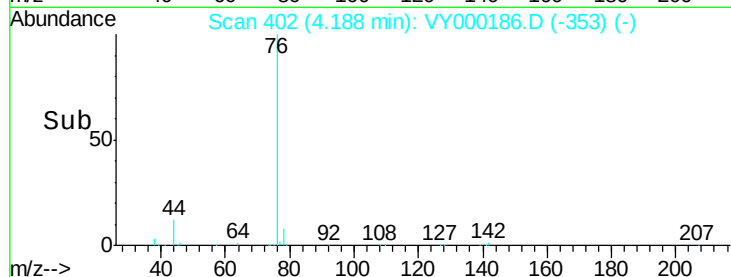
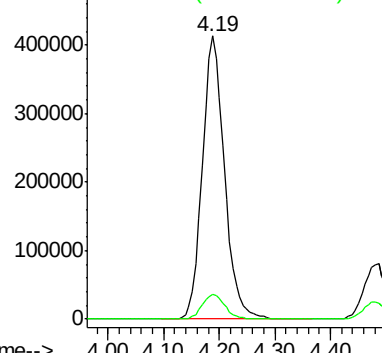
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Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 106.533 ug/l

RT: 4.48 min Scan# 450

Delta R.T. -0.00 min

Lab File: VY000186.D

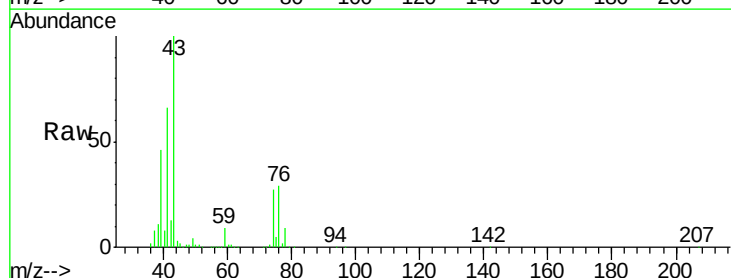
Acq: 03 Oct 2019 16:24

Tgt Ion: 43 Resp: 818332

Ion Ratio Lower Upper

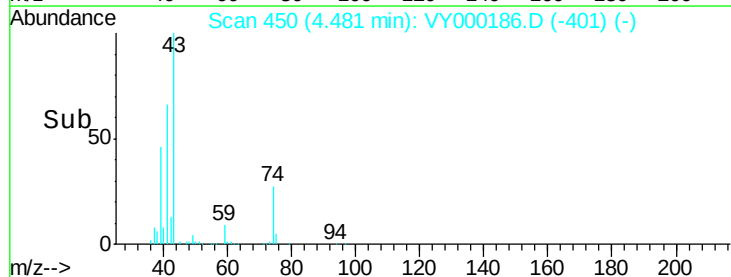
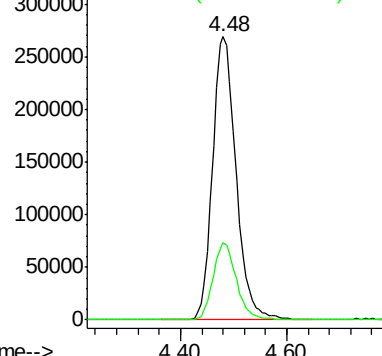
43 100

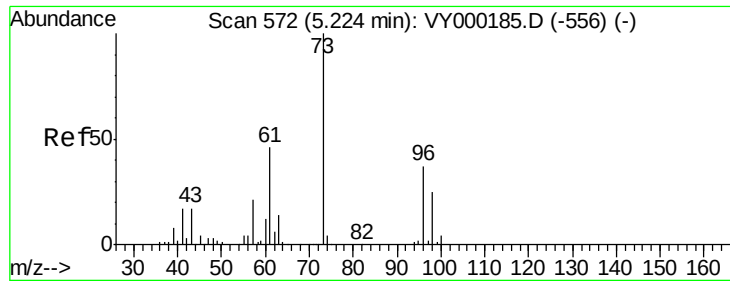
74 27.1 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0





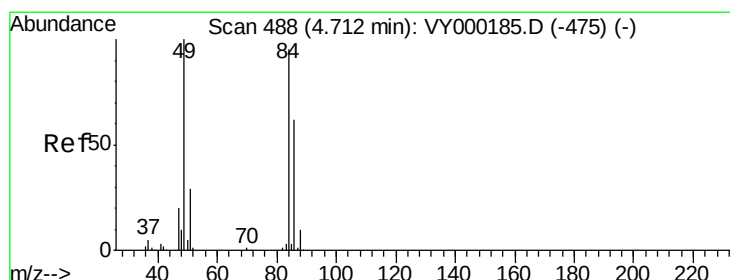
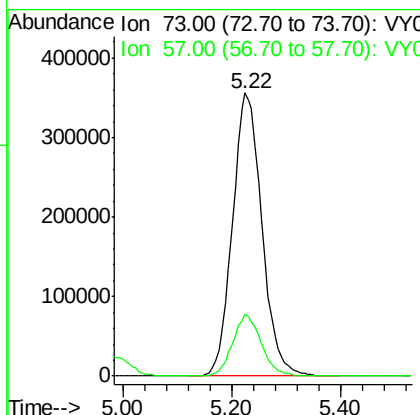
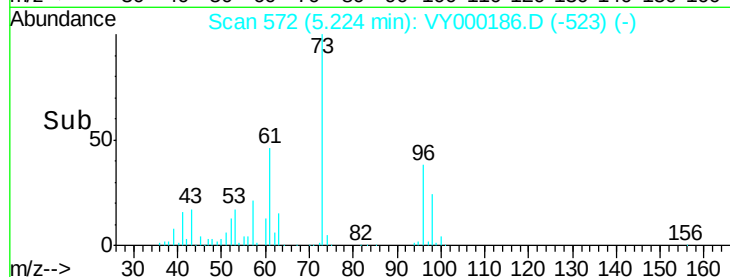
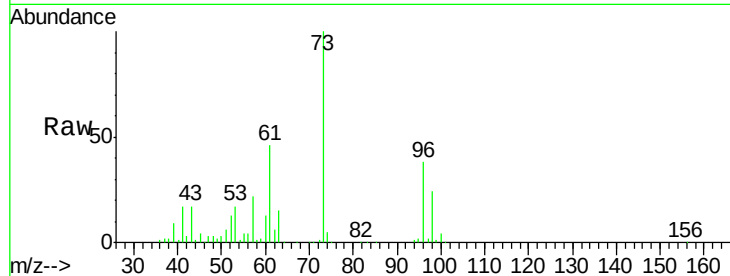
#19
Methyl tert-butyl Ether
Concen: 113.875 ug/l
RT: 5.22 min Scan# 572
Delta R.T. -0.00 min
Lab File: VY000186.D
Acq: 03 Oct 2019 16:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tot Ion: 73 Resp: 1343156
Ion Ratio Lower Upper
73 100
57 22.0 16.9 25.3

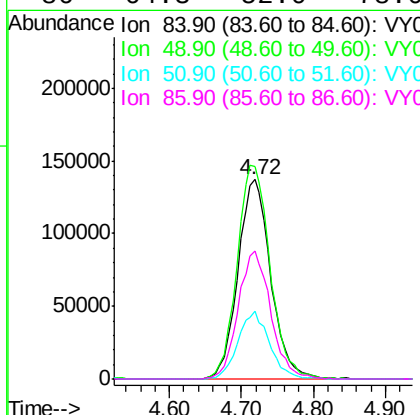
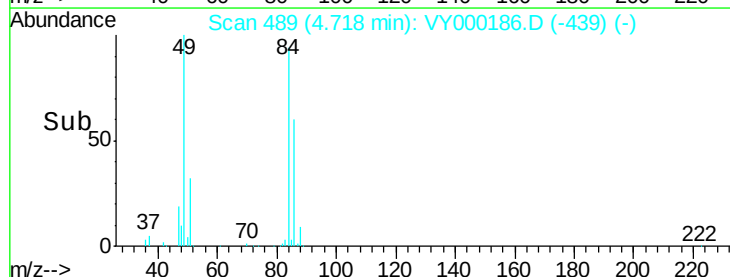
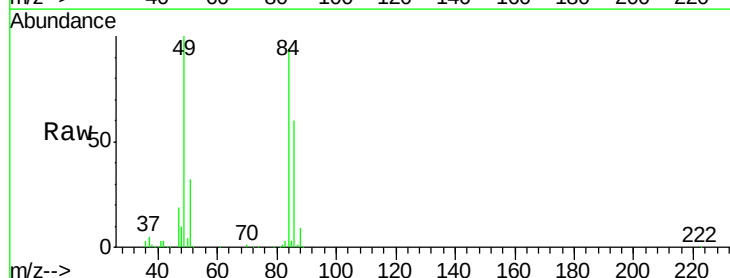
Manual Integrations
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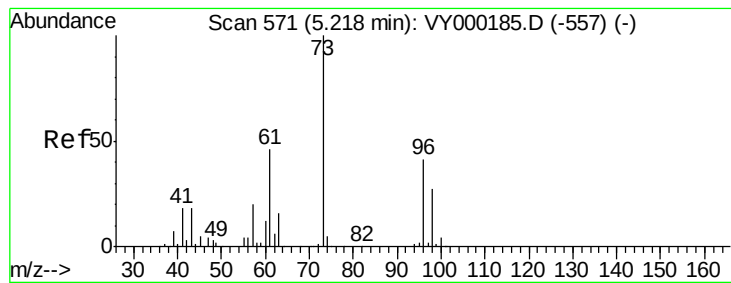
MMDadoda
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#20
Methylene Chloride
Concen: 120.387 ug/l
RT: 4.72 min Scan# 489
Delta R.T. 0.01 min
Lab File: VY000186.D
Acq: 03 Oct 2019 16:24

Tgt Ion: 84 Resp: 433384
Ion Ratio Lower Upper
84 100
49 106.6 84.2 126.4
51 34.1 24.6 37.0
86 64.3 52.0 78.0





#21

trans-1,2-Dichloroethene

Concen: 140.888 ug/l

RT: 5.22 min Scan# 571

Delta R.T. -0.00 min

Lab File: VY000186.D

Acq: 03 Oct 2019 16:24

Instrument :

MSVOA_Y

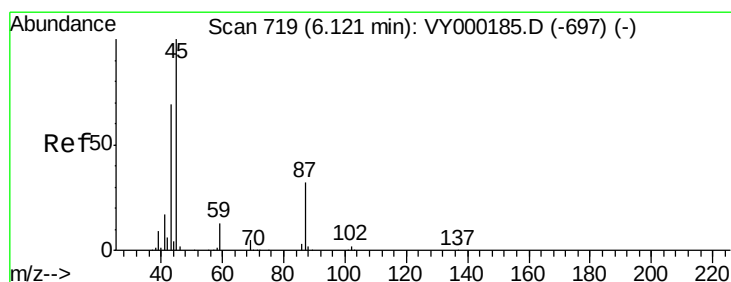
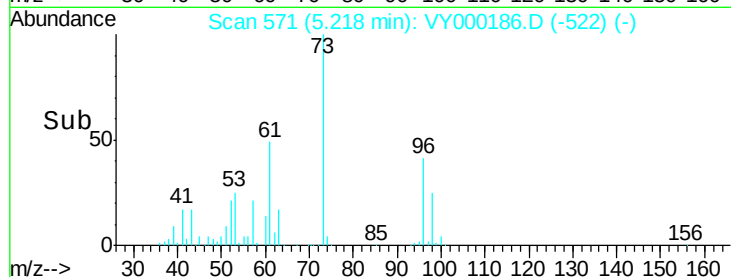
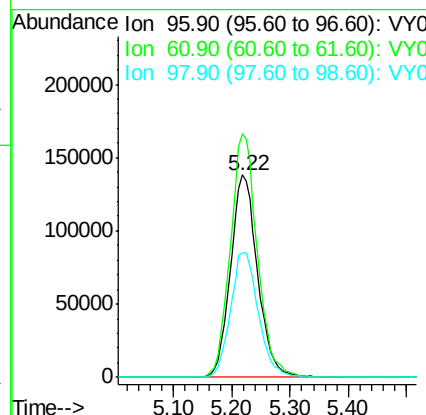
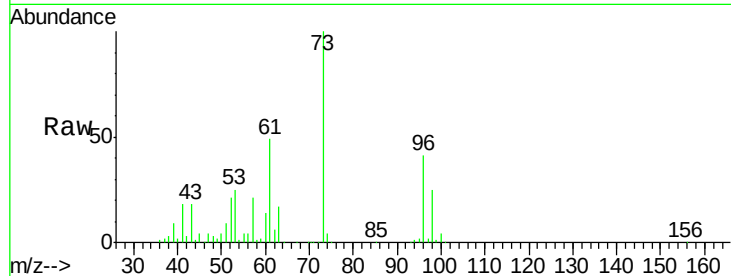
ClientSampleId :

VSTDIC100

Tot Ion:	96	Resp:	444087
Ion	Ratio	Lower	Upper
96	100		
61	120.4	91.4	137.0
98	61.9	52.5	78.7

Manual Integrations
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#22

Diisopropyl ether

Concen: 122.526 ug/l

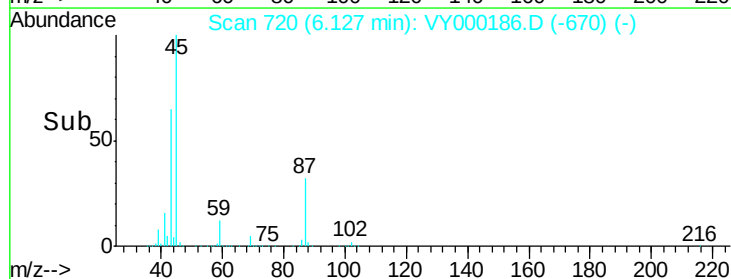
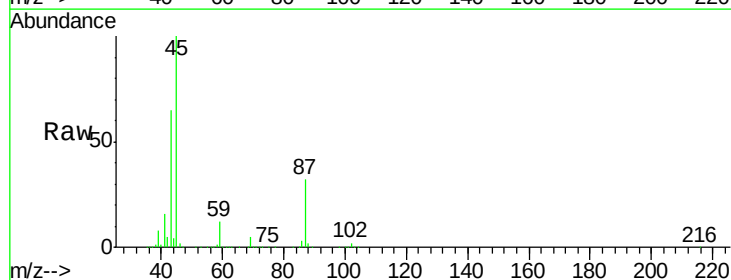
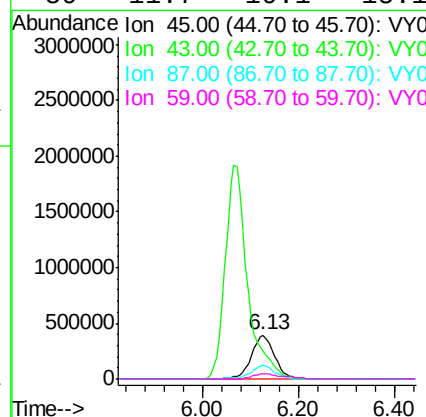
RT: 6.13 min Scan# 720

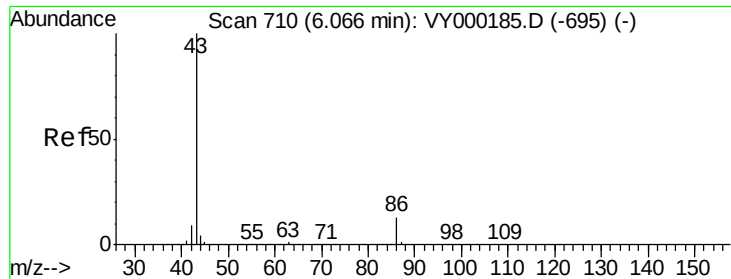
Delta R.T. 0.01 min

Lab File: VY000186.D

Acq: 03 Oct 2019 16:24

Tgt Ion:	45	Resp:	1323256
Ion	Ratio	Lower	Upper
45	100		
43	65.2	55.4	83.0
87	31.5	25.8	38.8
59	11.7	10.1	15.1





#23

Vinyl Acetate

Concen: 668.782 ug/l

RT: 6.07 min Scan# 710

Delta R.T. -0.00 min

Lab File: VY000186.D

Acq: 03 Oct 2019 16:24

Tot Ion: 43 Resp: 6210443

Ion Ratio Lower Upper

43 100

86 12.0 10.2 15.2

Instrument :

MSVOA_Y

ClientSampleId :

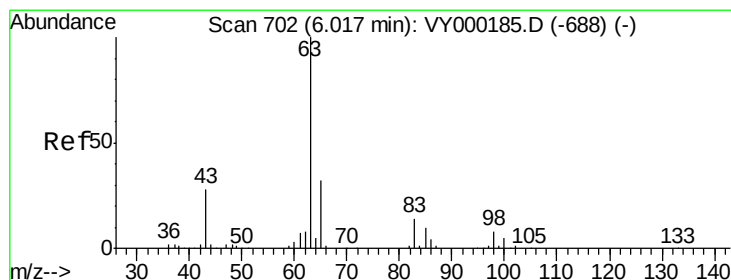
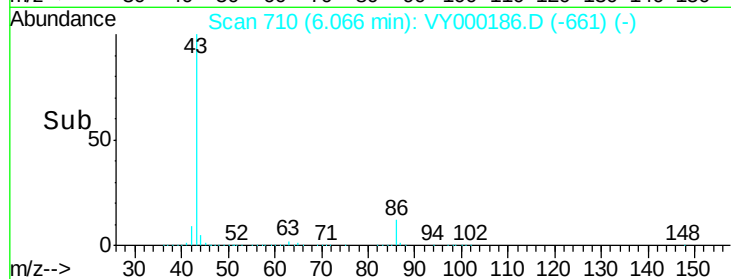
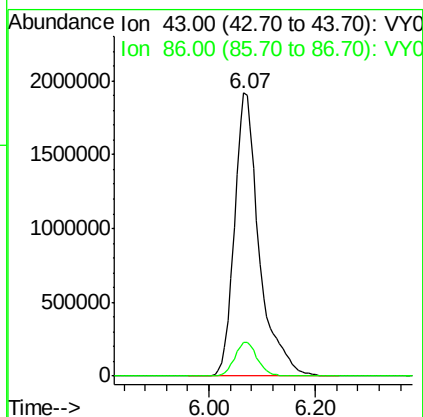
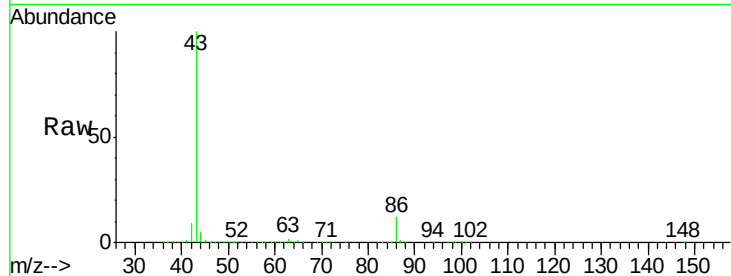
VSTDICC100

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 121.216 ug/l

RT: 6.02 min Scan# 703

Delta R.T. 0.01 min

Lab File: VY000186.D

Acq: 03 Oct 2019 16:24

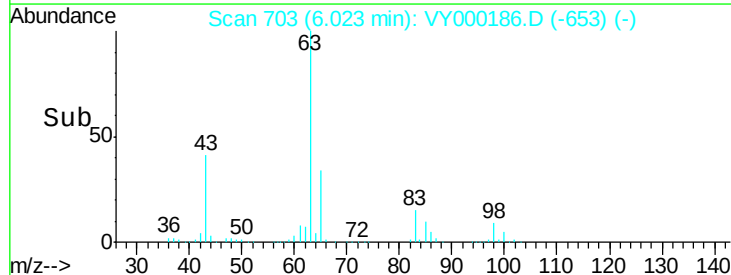
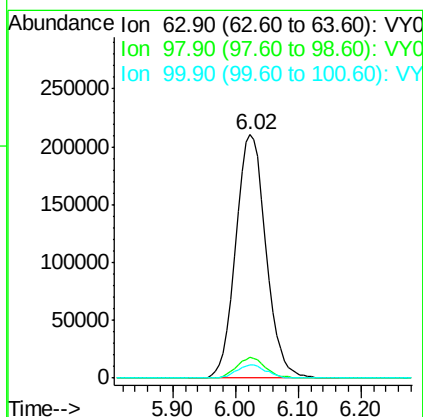
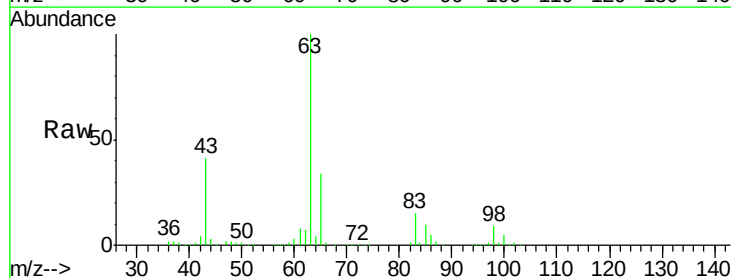
Tgt Ion: 63 Resp: 700420

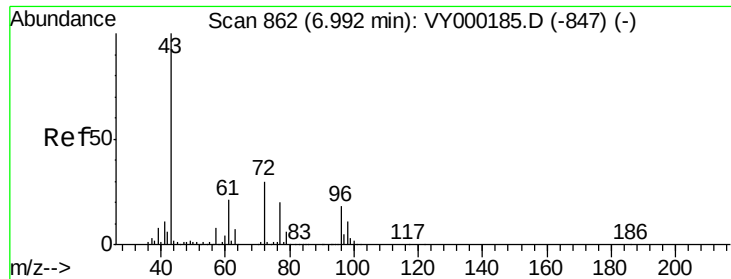
Ion Ratio Lower Upper

63 100

98 8.8 3.9 11.5

100 5.3 2.3 6.9





#25

2-Butanone

Concen: 566.943 ug/l

RT: 7.00 min Scan# 863

Delta R.T. 0.01 min

Lab File: VY000186.D

Acq: 03 Oct 2019 16:24

Tot Ion: 43 Resp: 2771861

Ion Ratio Lower Upper

43 100

72 29.9 24.0 36.0

Instrument :

MSVOA_Y

ClientSampleId :

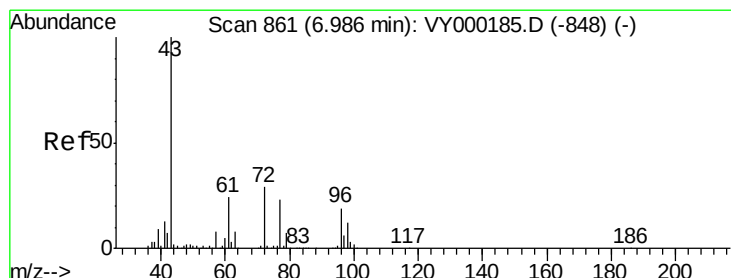
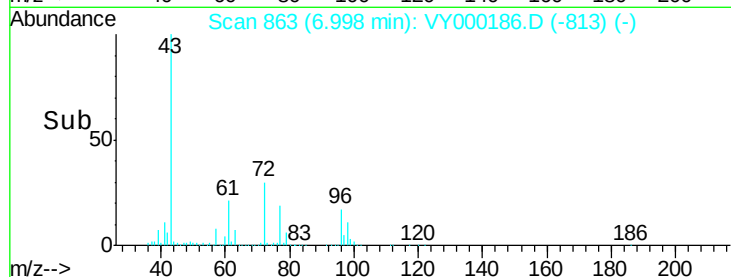
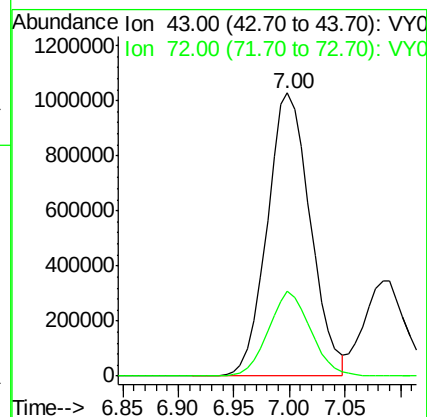
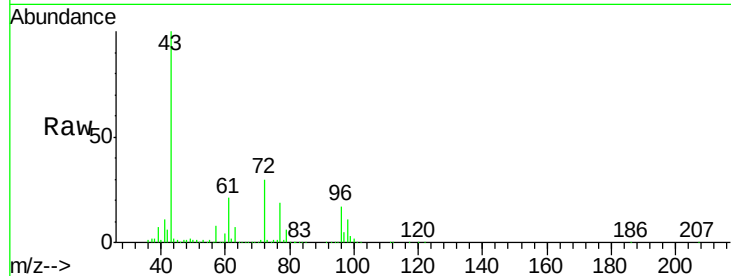
VSTDICC100

Manual Integrations

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10/7/2019 12:51:03 PM



#26

2,2-Dichloropropane

Concen: 119.020 ug/l

RT: 6.99 min Scan# 862

Delta R.T. 0.01 min

Lab File: VY000186.D

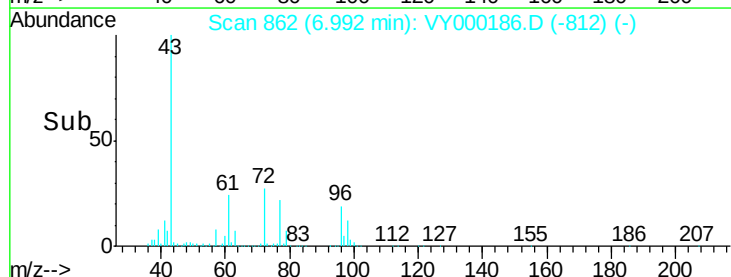
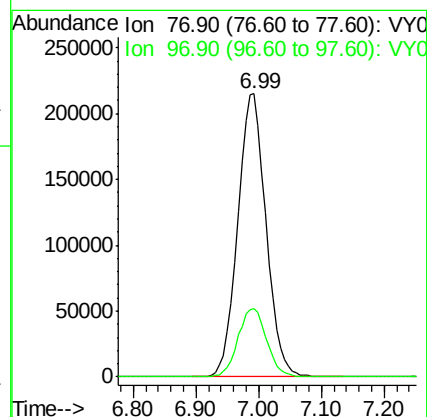
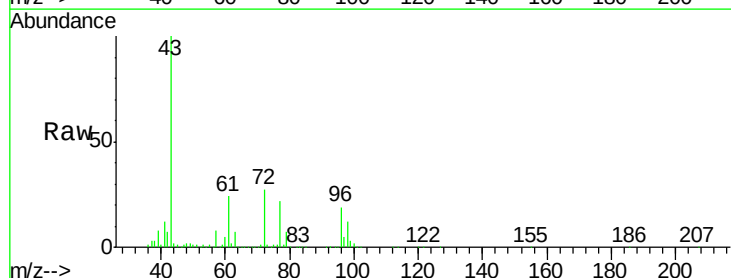
Acq: 03 Oct 2019 16:24

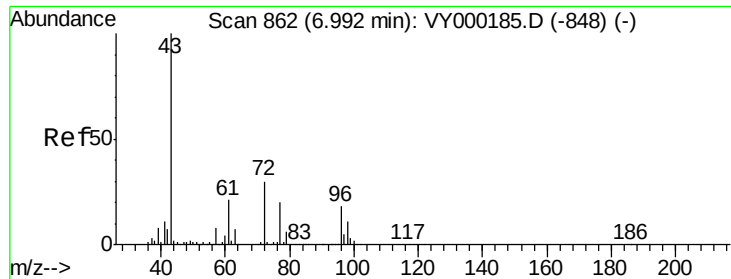
Tgt Ion: 77 Resp: 669003

Ion Ratio Lower Upper

77 100

97 24.4 12.3 36.9





#27

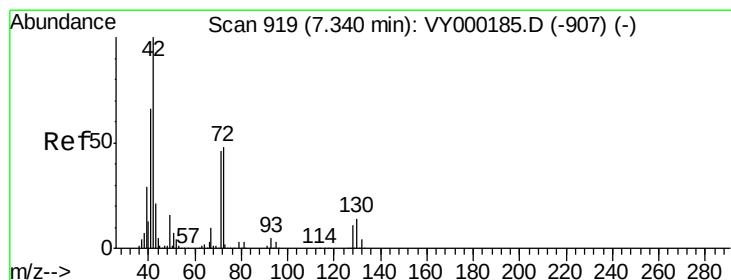
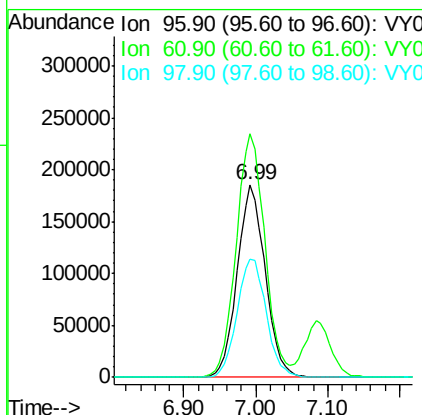
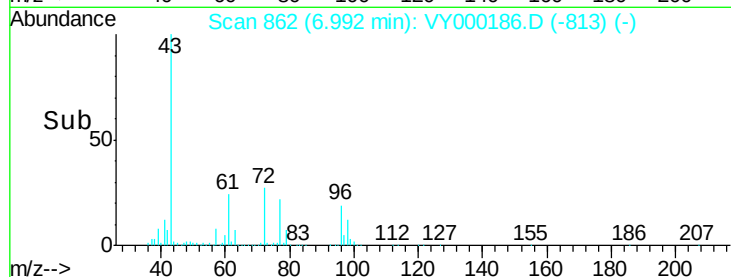
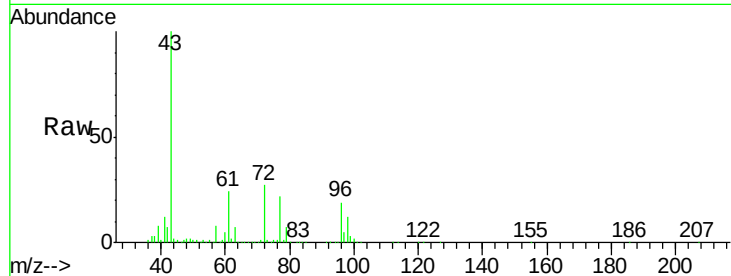
cis-1,2-Dichloroethene
Concen: 120.772 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.00 min
Lab File: VY000186.D
Acq: 03 Oct 2019 16:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	129.6	0.0	251.4	
98	64.3	0.0	129.4	

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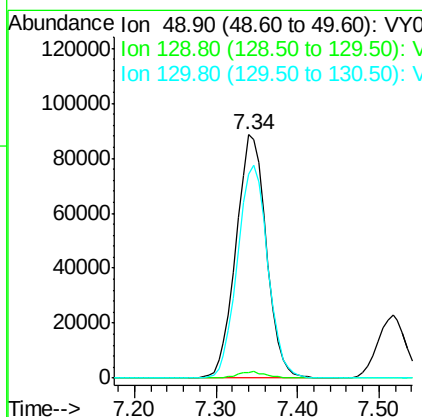
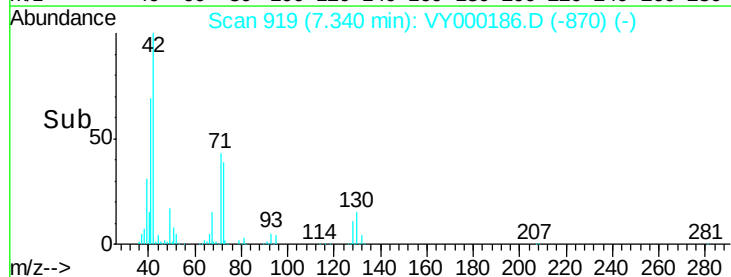
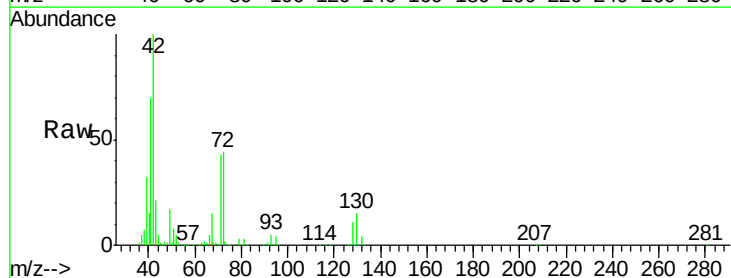
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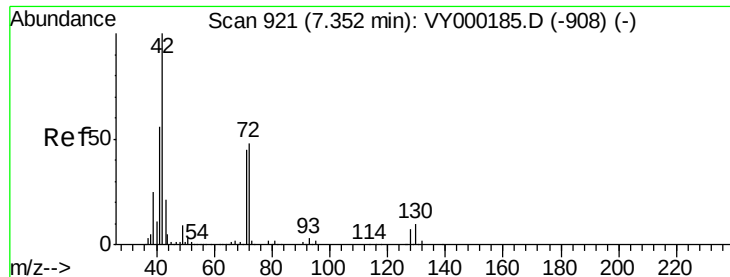


#28

Bromochloromethane
Concen: 100.528 ug/l
RT: 7.34 min Scan# 919
Delta R.T. -0.00 min
Lab File: VY000186.D
Acq: 03 Oct 2019 16:24

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.4	0.0	5.4	
130	87.4	74.2	111.4	





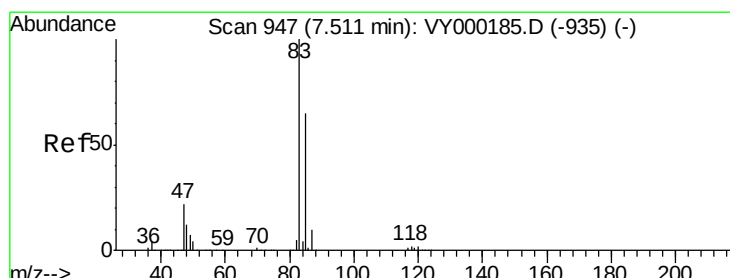
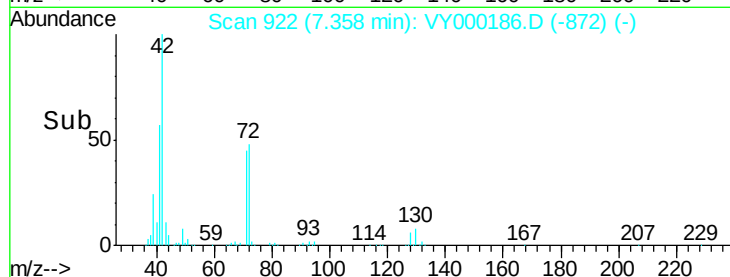
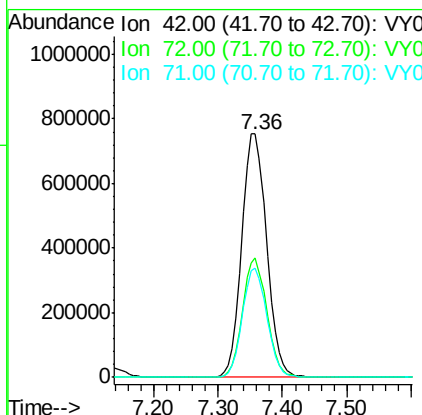
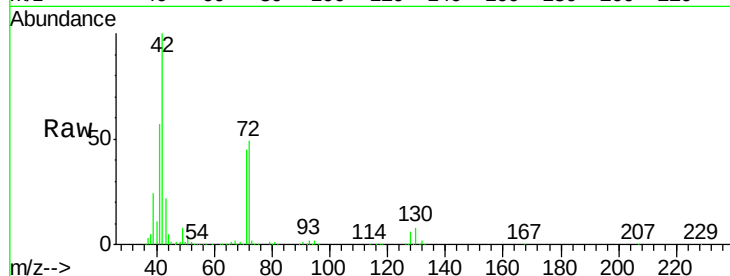
#29
Tetrahydrofuran
Concen: 614.115 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.01 min
Lab File: VY000186.D
Acq: 03 Oct 2019 16:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tot Ion: 42 Resp: 2003276
Ion Ratio Lower Upper
42 100
72 47.7 39.3 58.9
71 44.2 36.7 55.1

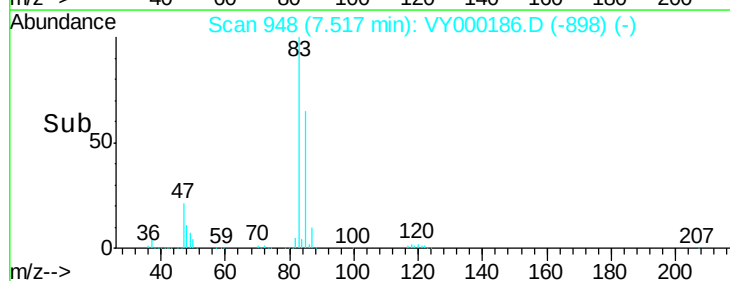
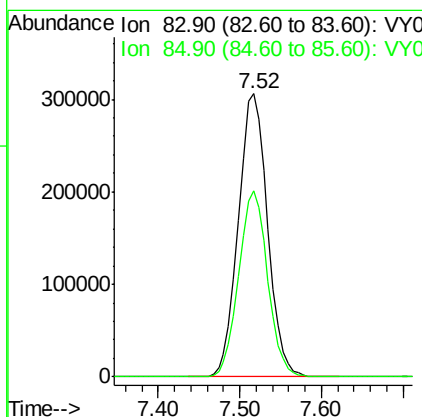
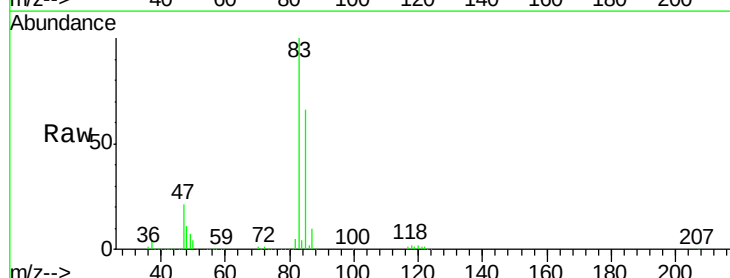
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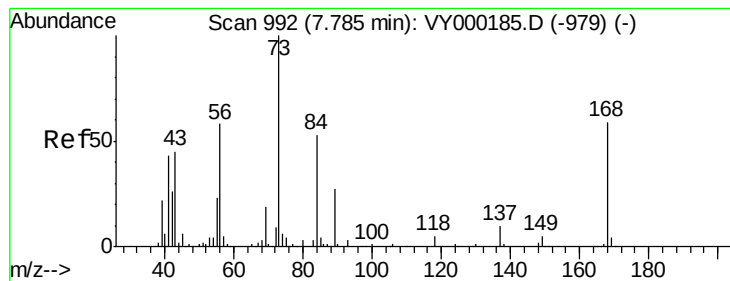
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#30
Chloroform
Concen: 114.668 ug/l
RT: 7.52 min Scan# 948
Delta R.T. 0.01 min
Lab File: VY000186.D
Acq: 03 Oct 2019 16:24

Tgt Ion: 83 Resp: 759023
Ion Ratio Lower Upper
83 100
85 65.5 51.8 77.6





#31

Cyclohexane

Concen: 160.674 ug/l

RT: 7.78 min Scan# 992

Delta R.T. -0.00 min

Lab File: VY000186.D

Acq: 03 Oct 2019 16:24

Instrument :

MSVOA_Y

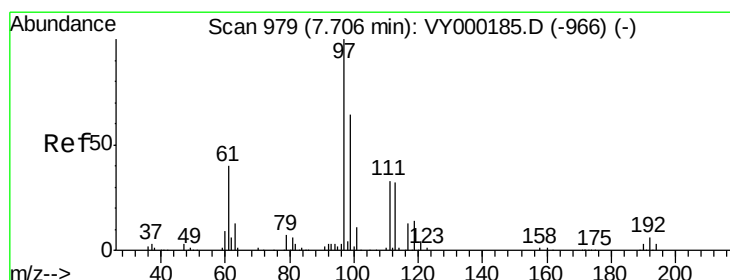
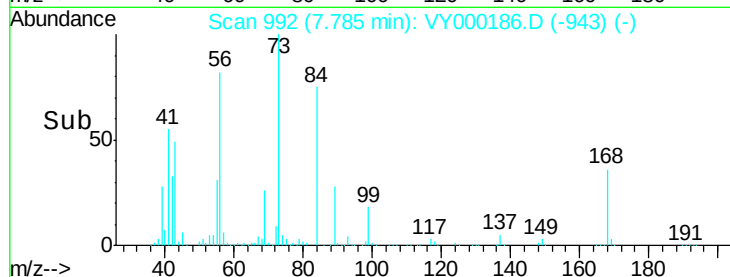
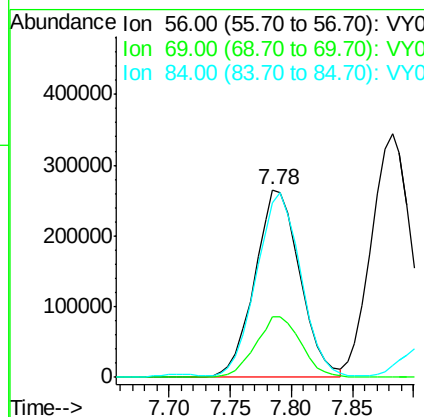
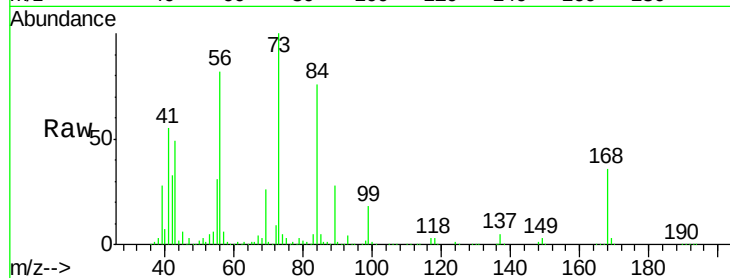
ClientSampleId :

VSTDIC100

Tot Ion:	56	Resp:	680611
Ion Ratio	Lower	Upper	
56	100		
69	32.0	26.1	39.1
84	91.4	73.8	110.6

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 122.872 ug/l

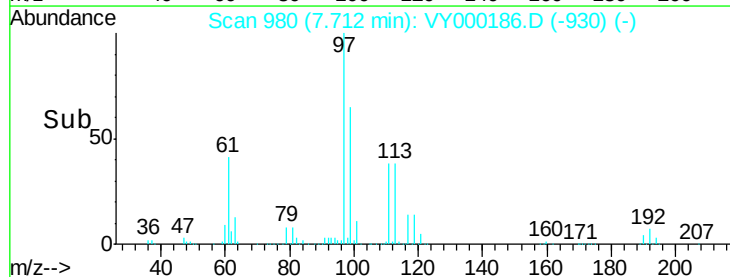
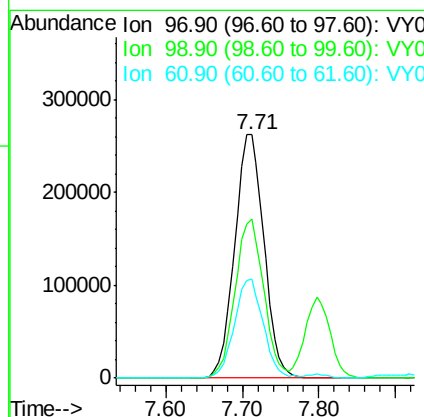
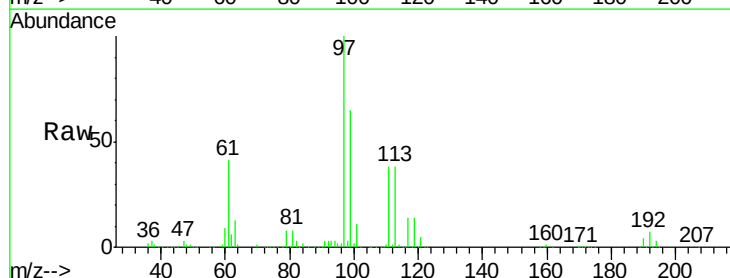
RT: 7.71 min Scan# 980

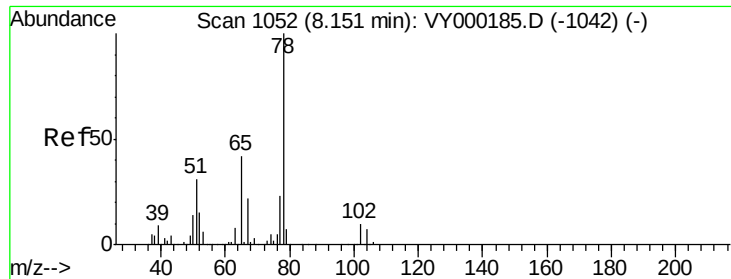
Delta R.T. 0.01 min

Lab File: VY000186.D

Acq: 03 Oct 2019 16:24

Tgt Ion:	97	Resp:	693942
Ion Ratio	Lower	Upper	
97	100		
99	64.1	51.8	77.8
61	40.0	31.2	46.8





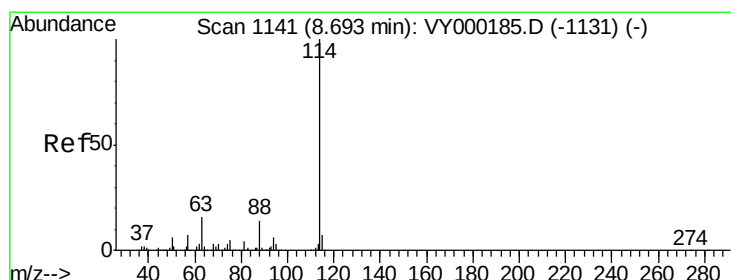
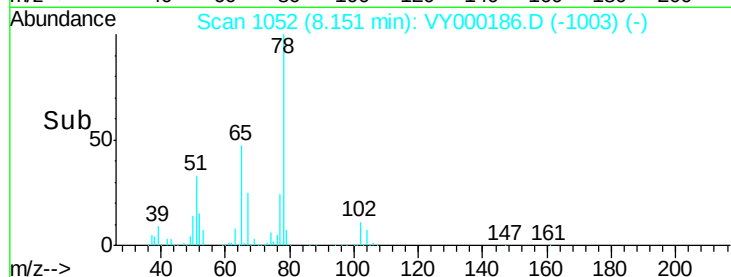
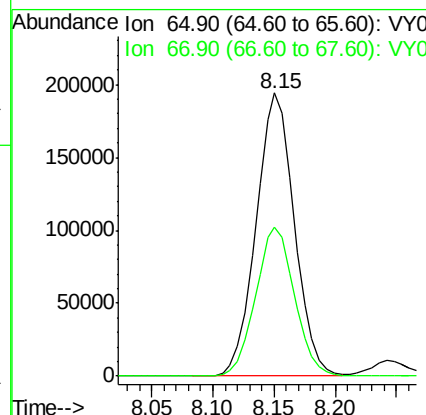
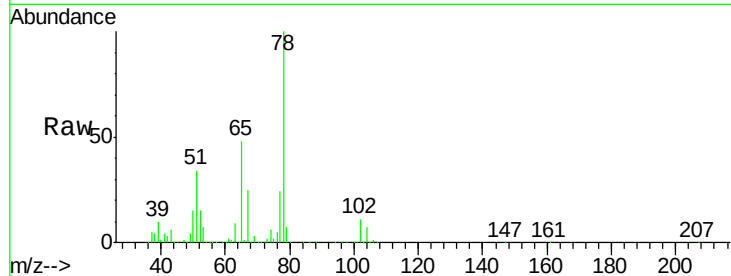
#33
 1,2-Dichloroethane-d4
 Concen: 98.069 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VY000186.D
 Acq: 03 Oct 2019 16:24

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
65	100	422162		
67	53.4	0.0	104.6	

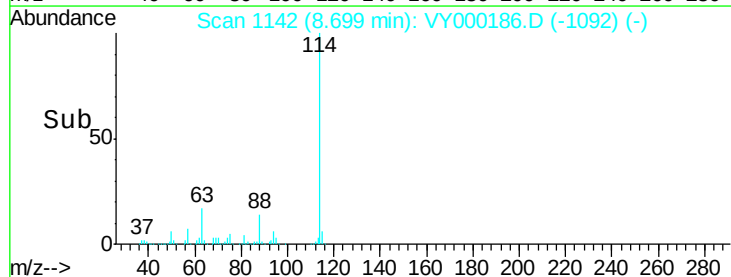
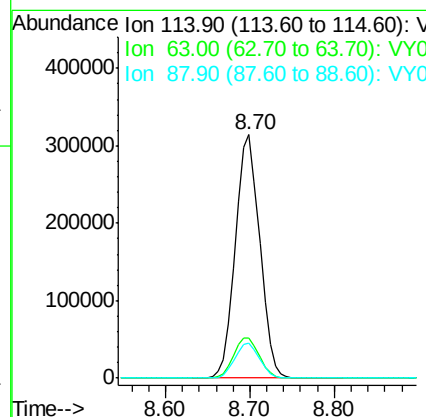
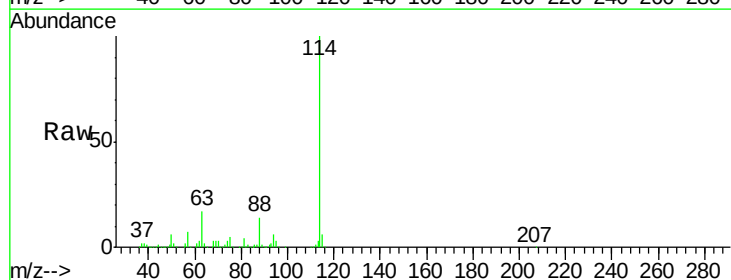
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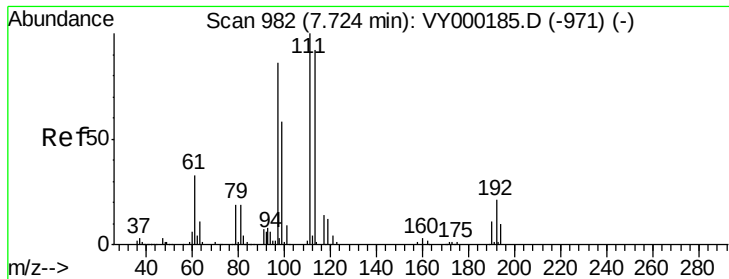
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. 0.01 min
 Lab File: VY000186.D
 Acq: 03 Oct 2019 16:24

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	615074		
63	16.7	0.0	33.0	
88	14.3	0.0	27.6	





#35

Dibromofluoromethane

Concen: 100.049 ug/l

RT: 7.73 min Scan# 983

Delta R.T. 0.01 min

Lab File: VY000186.D

Acq: 03 Oct 2019 16:24

Instrument :

MSVOA_Y

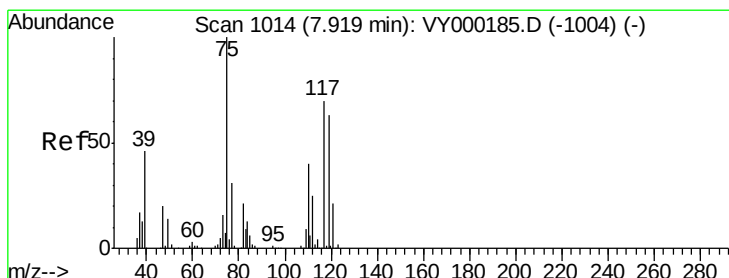
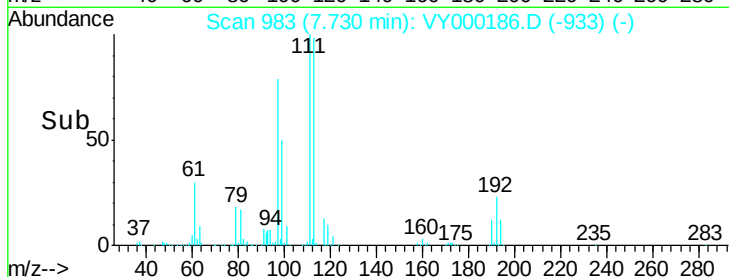
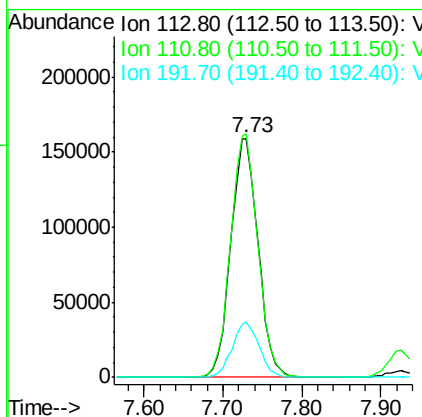
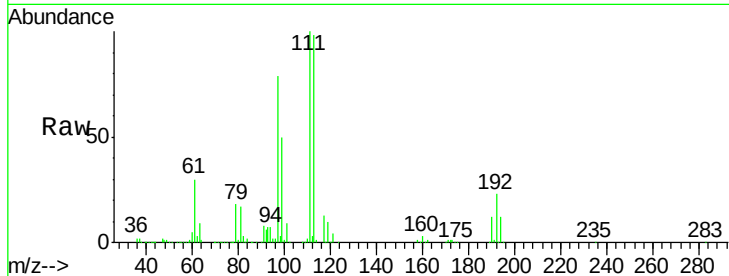
ClientSampleId :

VSTDIC100

Tot Ion:	113	Resp:	381756
Ion Ratio	Lower	Upper	
113	100		
111	101.6	83.6	125.4
192	22.9	18.4	27.6

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 144.909 ug/l

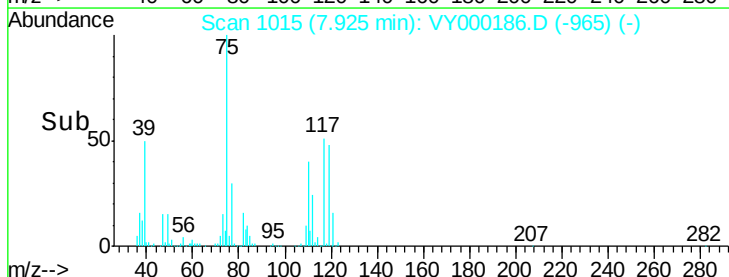
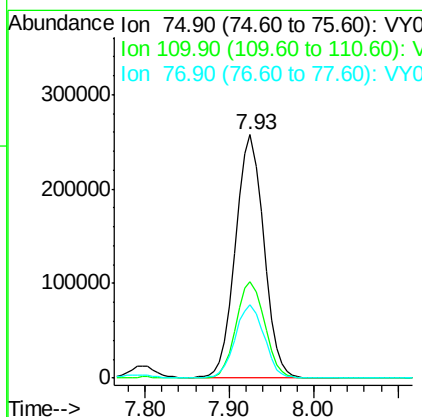
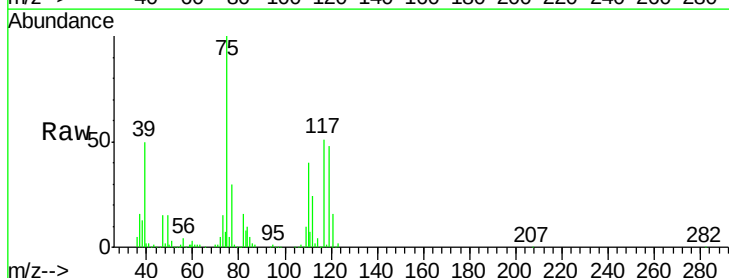
RT: 7.93 min Scan# 1015

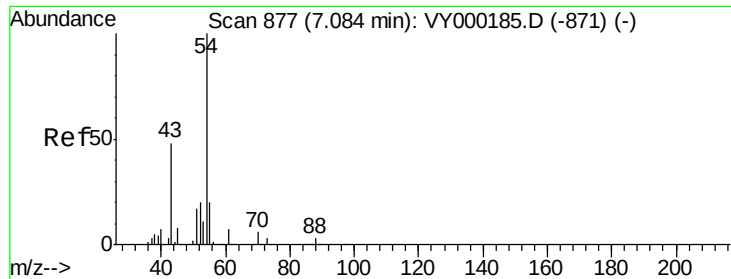
Delta R.T. 0.01 min

Lab File: VY000186.D

Acq: 03 Oct 2019 16:24

Tgt Ion:	75	Resp:	583728
Ion Ratio	Lower	Upper	
75	100		
110	40.0	20.4	61.2
77	30.8	24.8	37.2





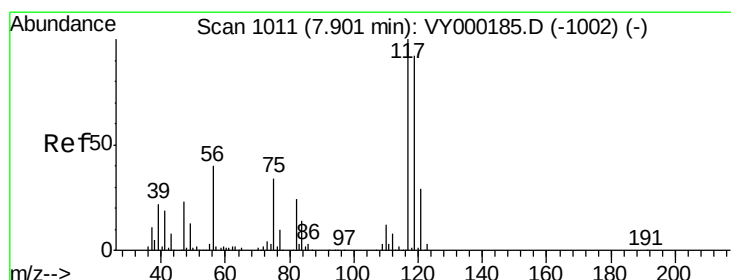
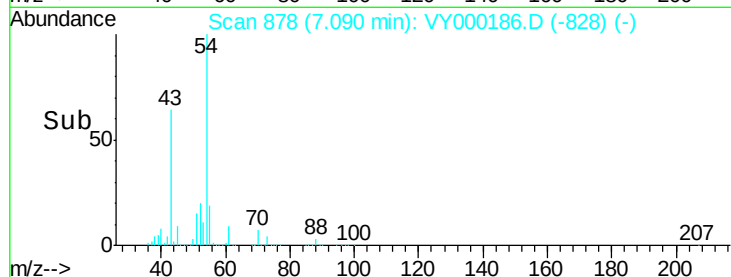
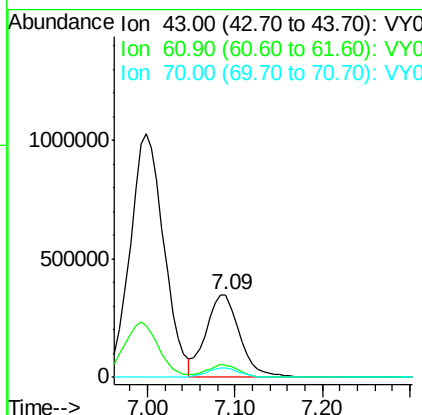
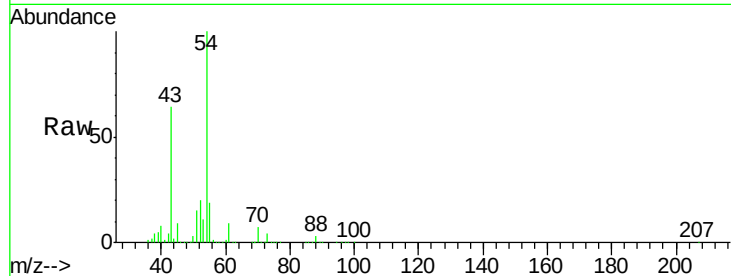
#37
Ethyl Acetate
Concen: 123.825 ug/l
RT: 7.09 min Scan# 878
Delta R.T. 0.01 min
Lab File: VY000186.D
Acq: 03 Oct 2019 16:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.8	11.8	17.6
70	11.3	9.4	14.2

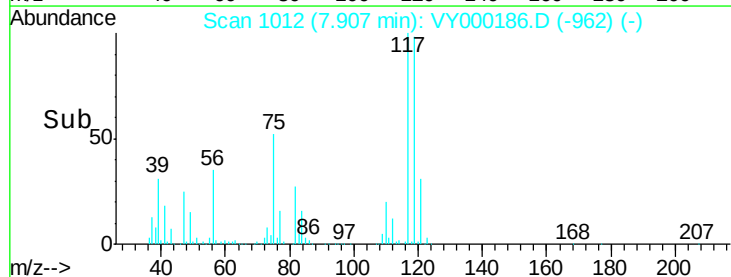
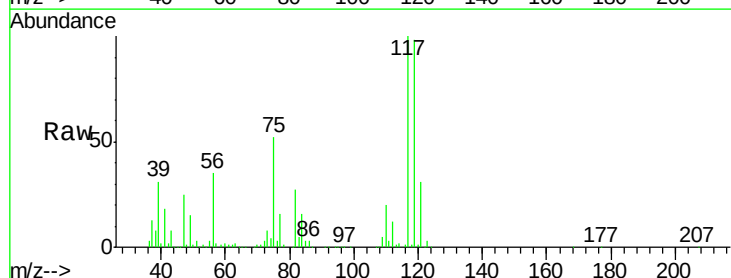
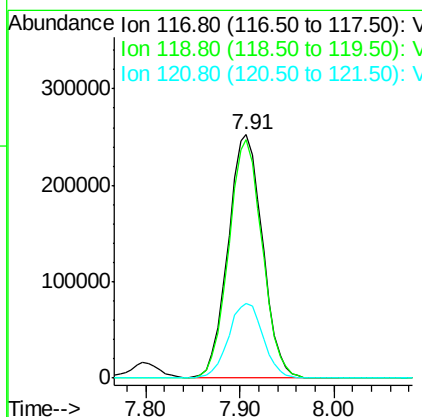
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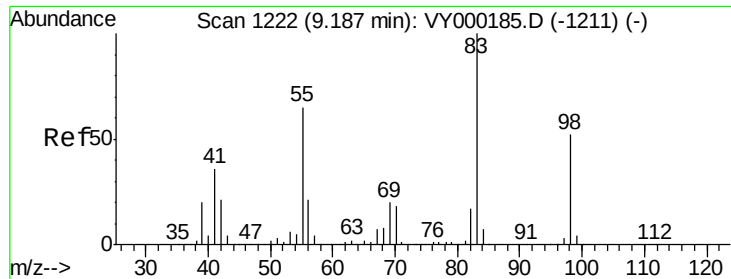
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#38
Carbon Tetrachloride
Concen: 129.780 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. 0.01 min
Lab File: VY000186.D
Acq: 03 Oct 2019 16:24

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.0	73.4	110.2
121	30.9	23.2	34.8





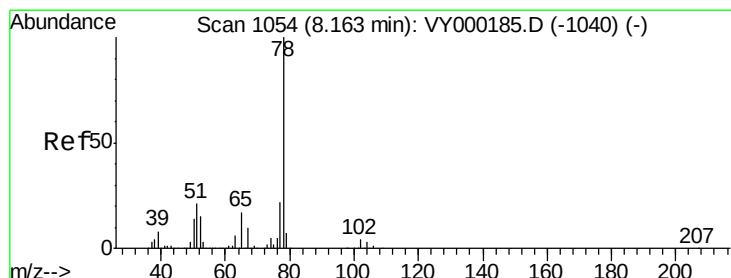
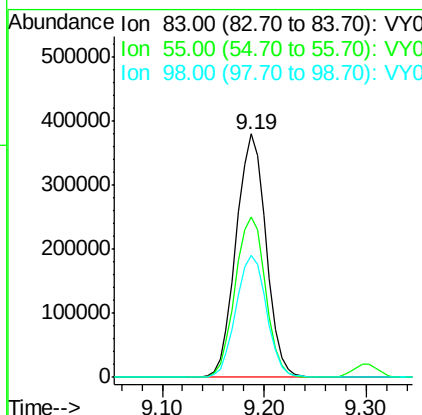
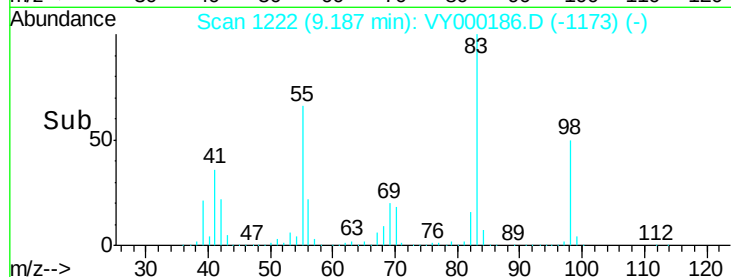
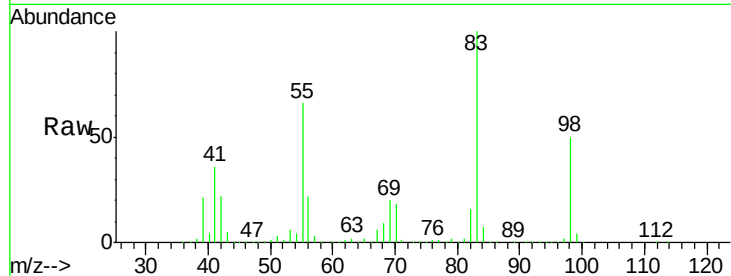
#39
Methylvlcyclohexane
Concen: 162.386 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY000186.D
Acq: 03 Oct 2019 16:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tot Ion	83	Resp	771966
Ion Ratio	100	Lower	Upper
83	100		
55	65.6	52.4	78.6
98	50.1	41.7	62.5

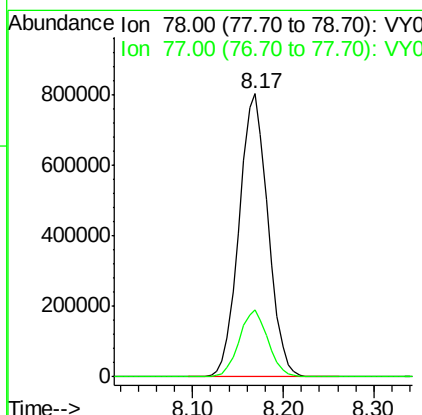
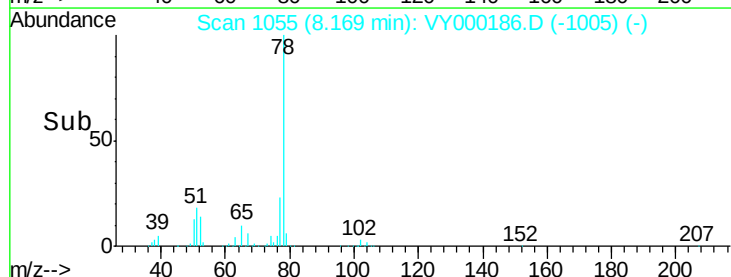
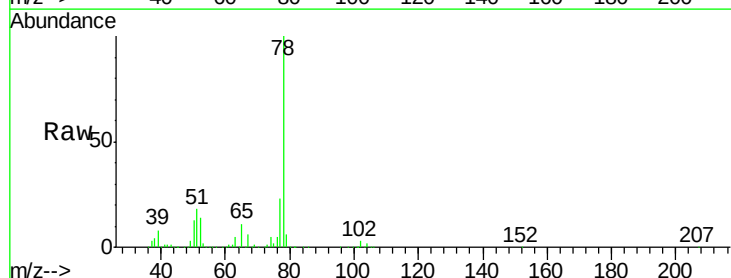
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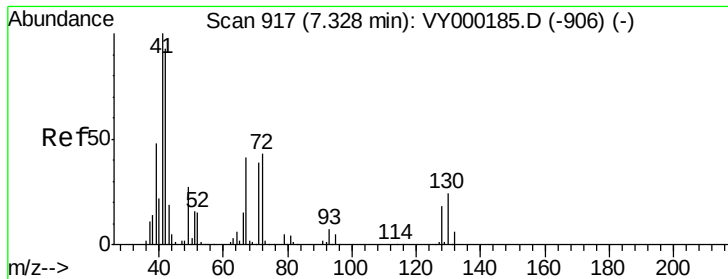
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#40
Benzene
Concen: 132.369 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. 0.01 min
Lab File: VY000186.D
Acq: 03 Oct 2019 16:24

Tgt Ion	78	Resp	1768290
Ion Ratio	100	Lower	Upper
78	100		
77	23.5	17.5	26.3





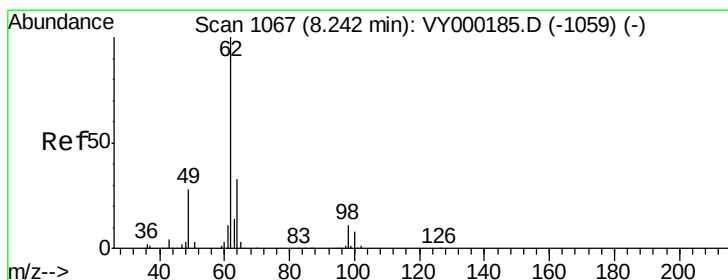
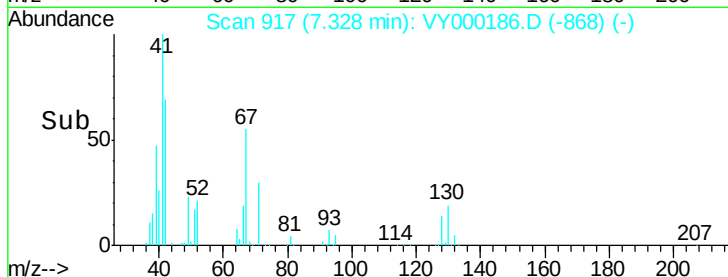
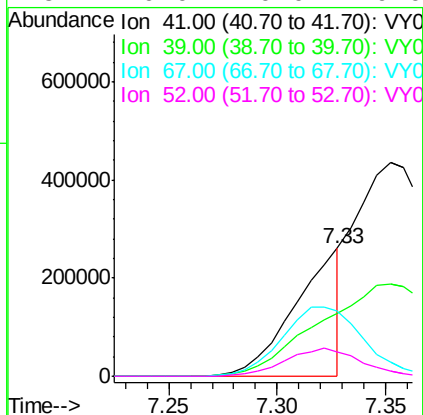
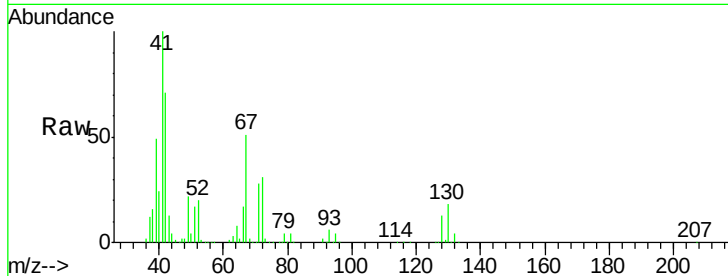
#41
Methacrylonitrile
Concen: 110.823 ug/l m
RT: 7.33 min Scan# 917
Delta R.T. -0.00 min
Lab File: VY000186.D
Acq: 03 Oct 2019 16:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tot Ion	41	Resp	395625
Ion Ratio	Lower	Upper	
41	100		
39	177.6	125.4	188.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

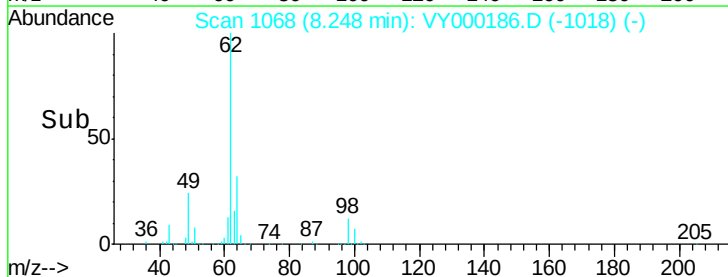
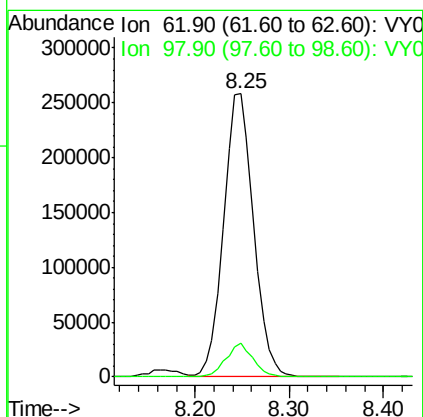
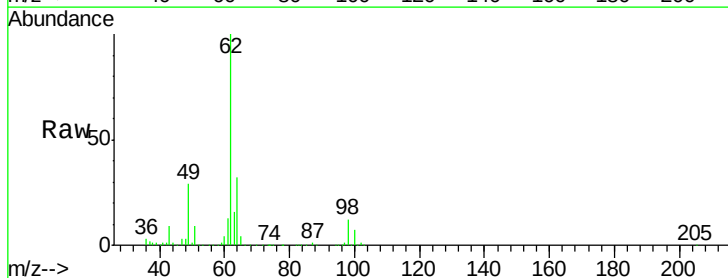
Manual Integrations
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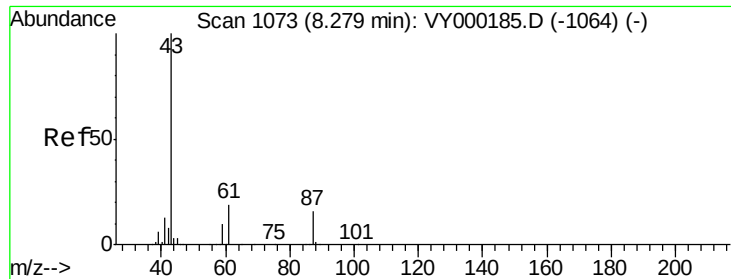
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#42
1,2-Dichloroethane
Concen: 122.549 ug/l
RT: 8.25 min Scan# 1068
Delta R.T. 0.01 min
Lab File: VY000186.D
Acq: 03 Oct 2019 16:24

Tgt Ion	62	Resp	569209
Ion Ratio	Lower	Upper	
62	100		
98	10.8	0.0	21.8





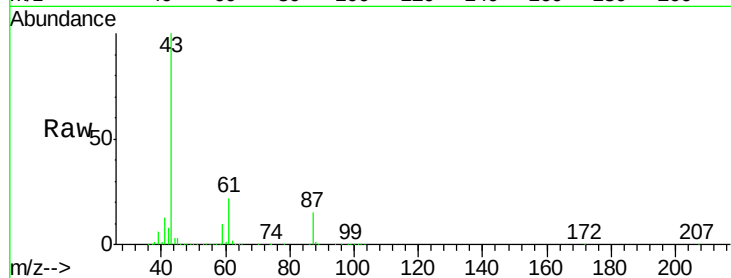
#43
Isopropyl Acetate
Concen: 120.571 ug/l
RT: 8.28 min Scan# 1074
Delta R.T. 0.01 min
Lab File: VY000186.D
Acq: 03 Oct 2019 16:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

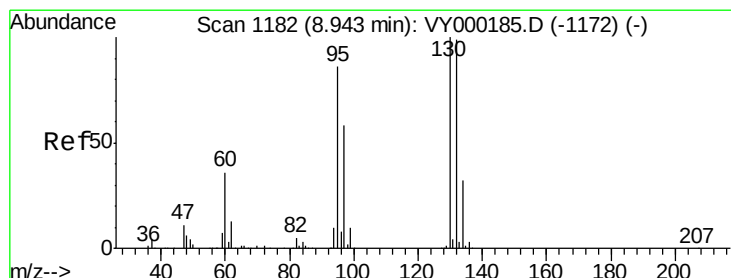
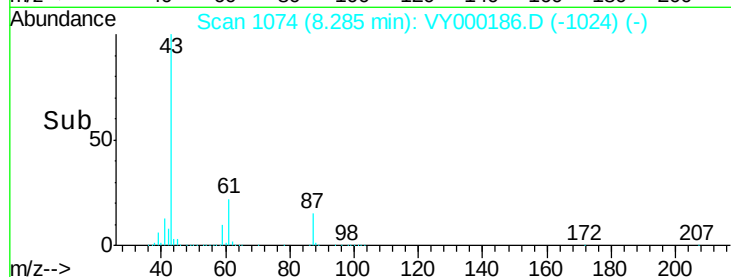
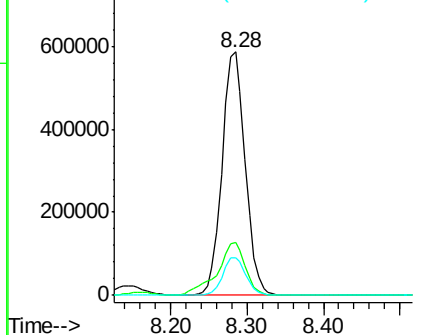
Tot Ion	Ratio	Lower	Upper
43	100		
61	26.4	21.4	32.2
87	15.3	12.6	19.0

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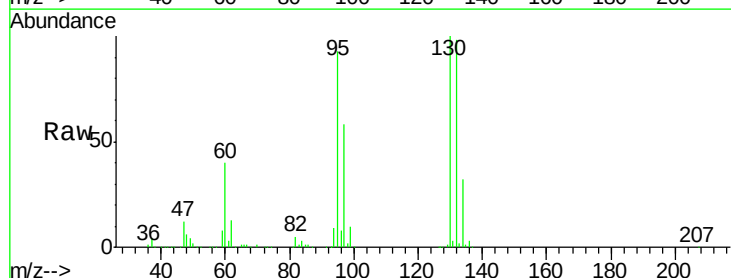


Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 61.00 (60.70 to 61.70): VY0
Ion 87.00 (86.70 to 87.70): VY0

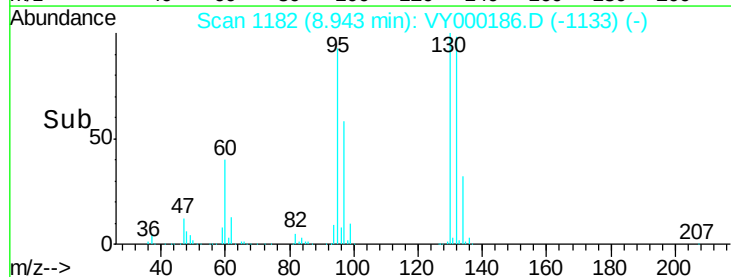
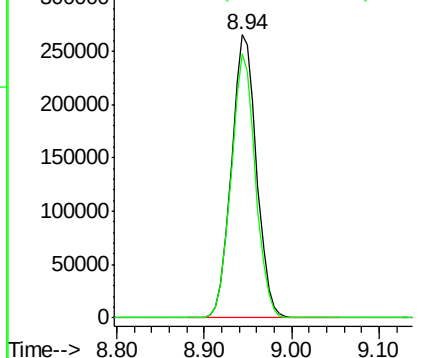


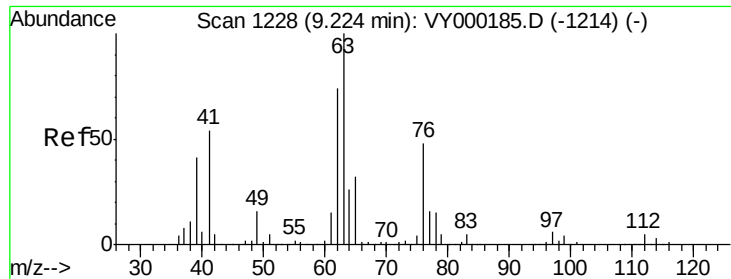
#44
Trichloroethene
Concen: 126.939 ug/l
RT: 8.94 min Scan# 1182
Delta R.T. -0.00 min
Lab File: VY000186.D
Acq: 03 Oct 2019 16:24

Tgt Ion	Ratio	Lower	Upper
130	100		
95	93.4	0.0	171.6



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





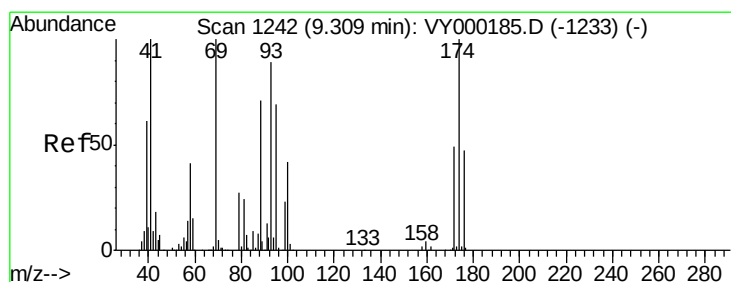
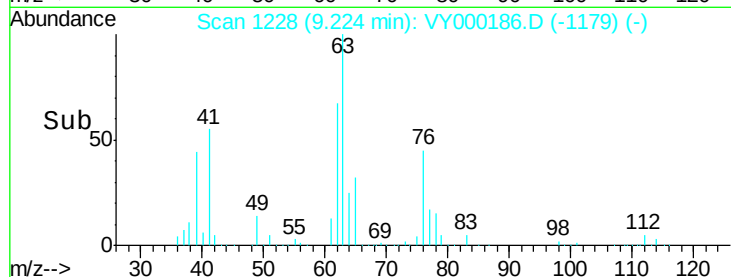
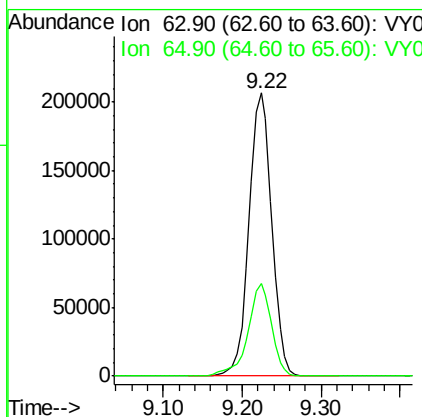
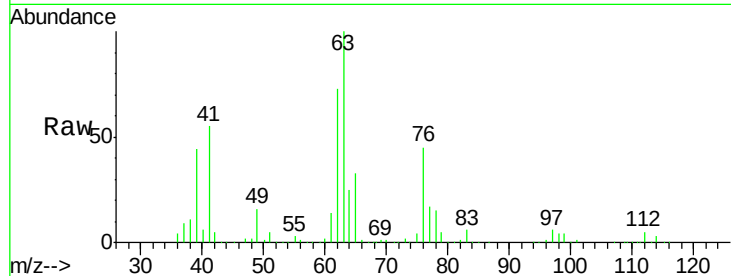
#45
 1,2-Dichloropropane
 Concen: 120.729 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. -0.00 min
 Lab File: VY000186.D
 Acq: 03 Oct 2019 16:24

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

Tot Ion: 63 Resp: 413635
 Ion Ratio Lower Upper
 63 100
 65 32.6 25.7 38.5

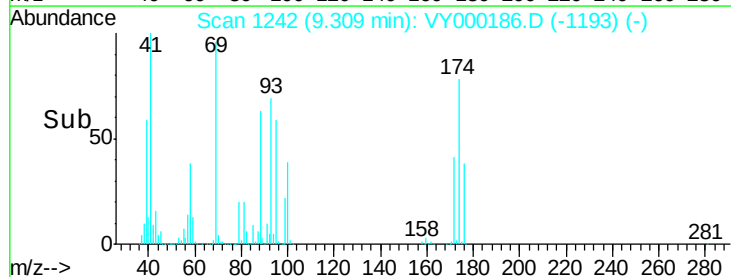
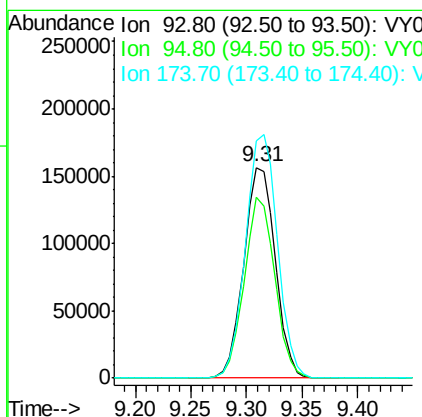
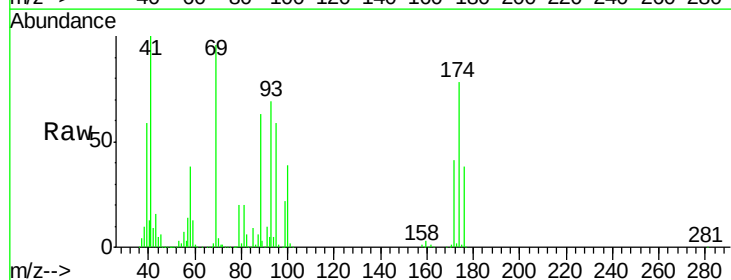
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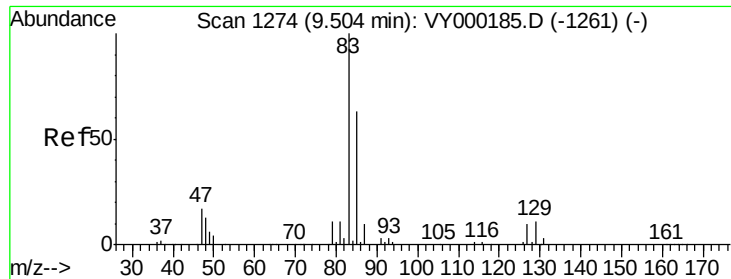
MMDadoda
 10/7/2019 12:51:03 PM



#46
 Dibromomethane
 Concen: 121.478 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.00 min
 Lab File: VY000186.D
 Acq: 03 Oct 2019 16:24

Tgt Ion: 93 Resp: 309776
 Ion Ratio Lower Upper
 93 100
 95 83.0 64.4 96.6
 174 116.9 95.1 142.7





#47

Bromodichloromethane

Concen: 117.417 ug/l

RT: 9.50 min Scan# 1274

Delta R.T. -0.00 min

Lab File: VY000186.D

Acq: 03 Oct 2019 16:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tot Ion: 83 Resp: 611676

Ion Ratio Lower Upper

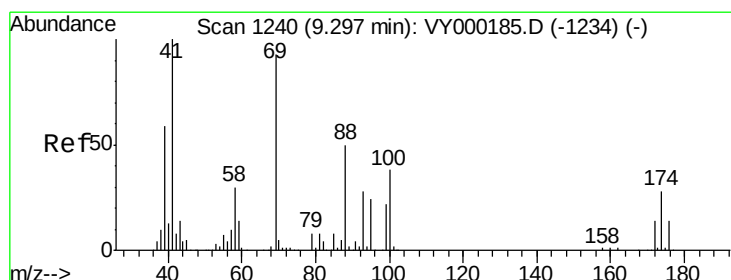
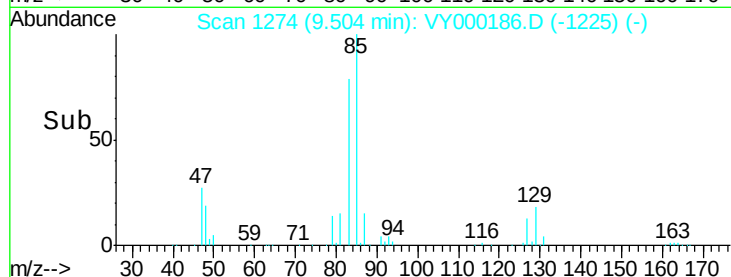
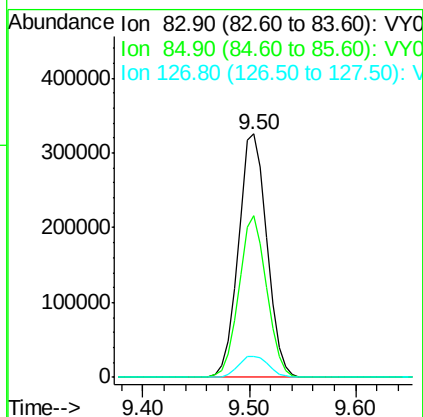
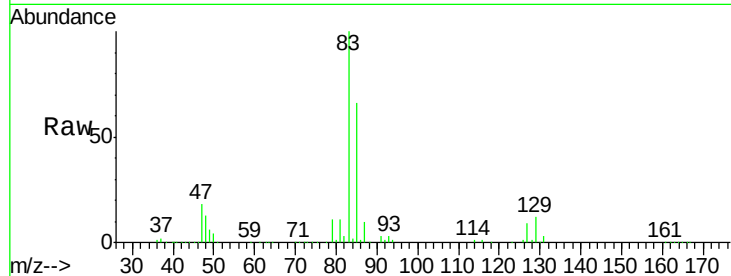
83 100

85 66.3 50.6 76.0

127 8.8 7.7 11.5

Manual Integrations
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#48

Methyl methacrylate

Concen: 120.394 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VY000186.D

Acq: 03 Oct 2019 16:24

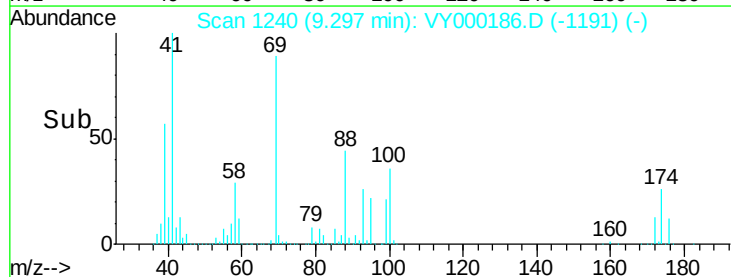
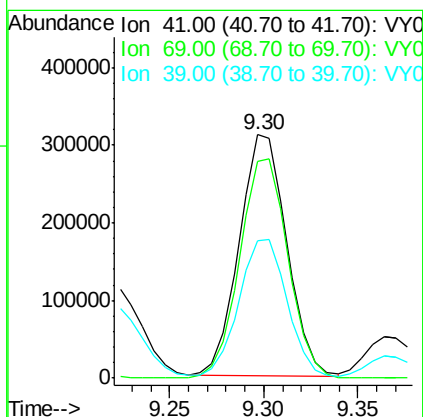
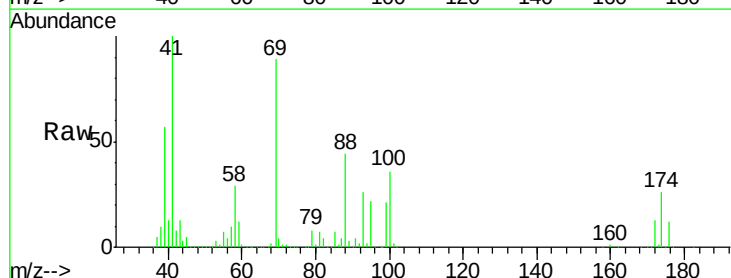
Tgt Ion: 41 Resp: 544666

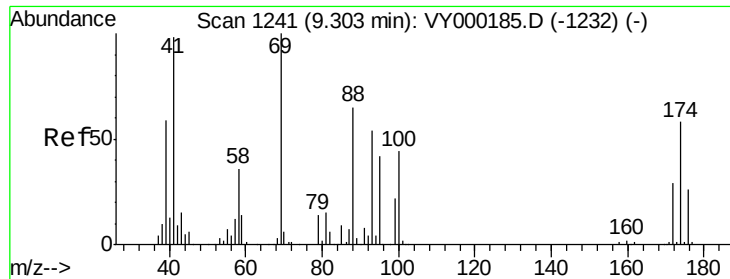
Ion Ratio Lower Upper

41 100

69 92.6 76.5 114.7

39 59.0 49.2 73.8





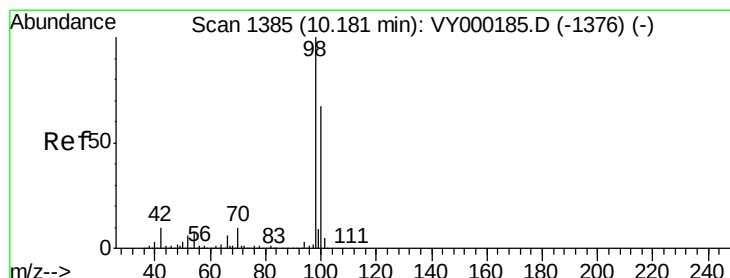
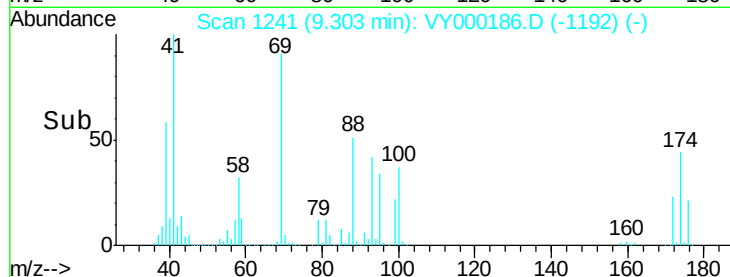
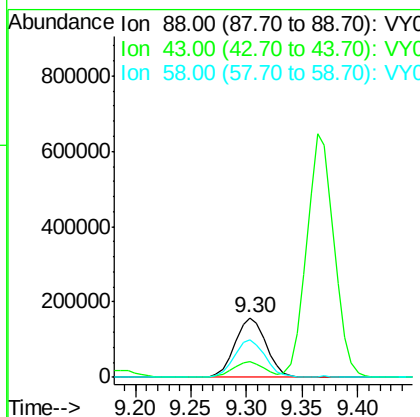
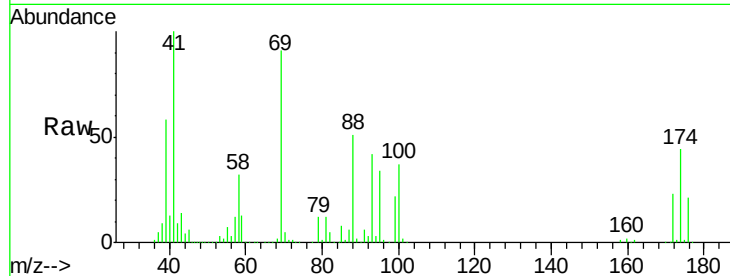
#49
 1,4-Dioxane
 Concen: 2166.258 ug/l
 RT: 9.30 min Scan# 1241
 Delta R.T. -0.00 min
 Lab File: VY000186.D
 Acq: 03 Oct 2019 16:24

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
88	100	305516		
43	26.8		20.4	30.6
58	62.7		49.0	73.4

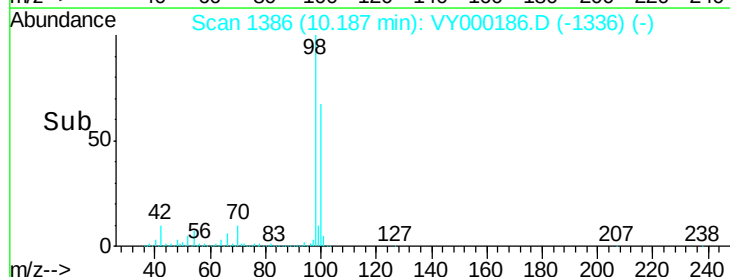
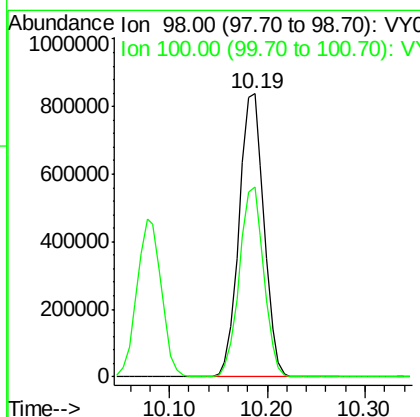
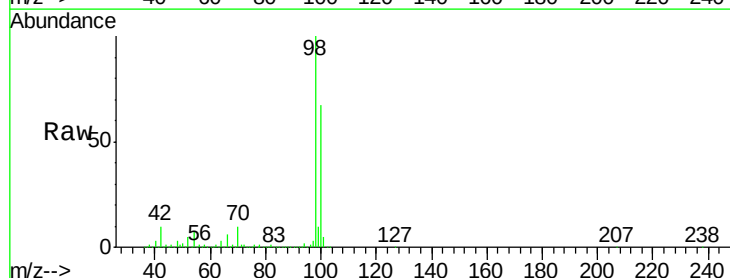
Manual Integrations
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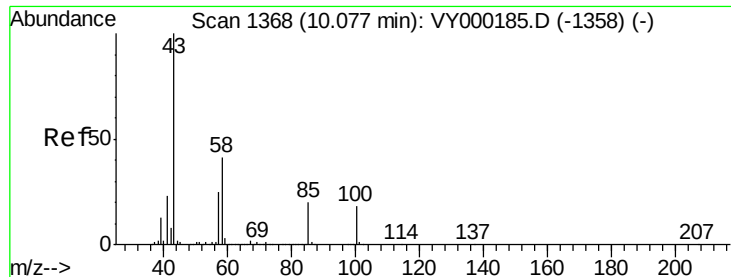
MMDadoda
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#50
 Toluene-d8
 Concen: 101.458 ug/l
 RT: 10.19 min Scan# 1386
 Delta R.T. 0.01 min
 Lab File: VY000186.D
 Acq: 03 Oct 2019 16:24

Tgt Ion	Ratio	Resp	Lower	Upper
98	100	1475658		
100	65.9		53.9	80.9





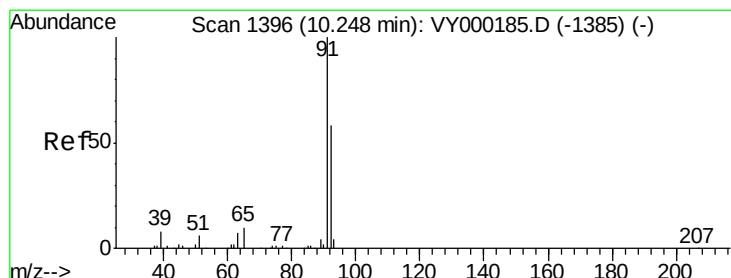
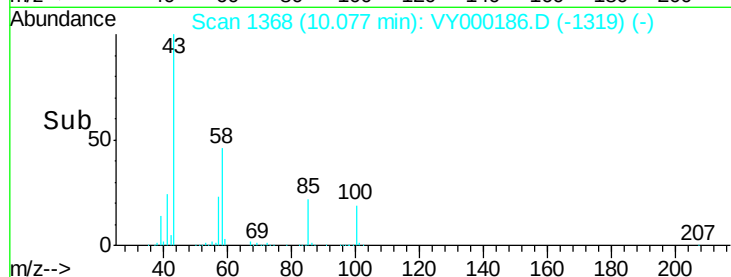
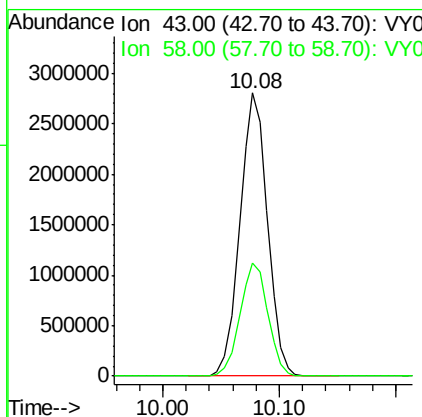
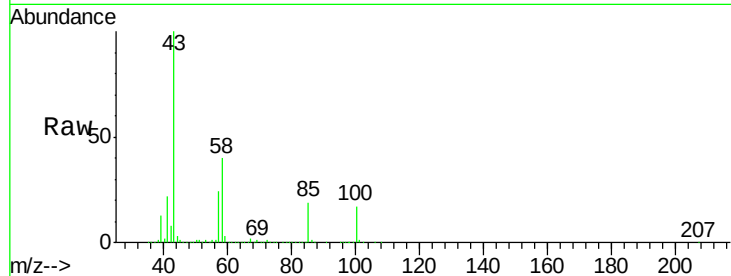
#51
4-Methyl-2-Pentanone
Concen: 576.279 ug/l
RT: 10.08 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VY000186.D
Acq: 03 Oct 2019 16:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tot Ion: 43 Resp: 4613650
Ion Ratio Lower Upper
43 100
58 40.4 32.6 49.0

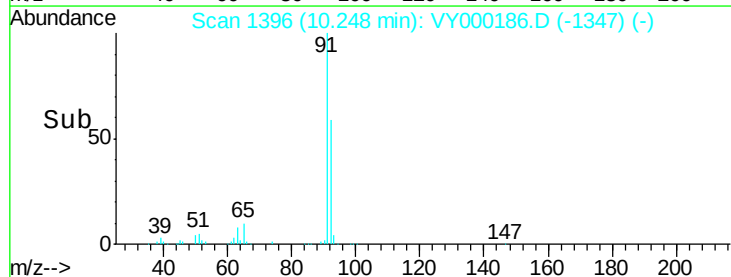
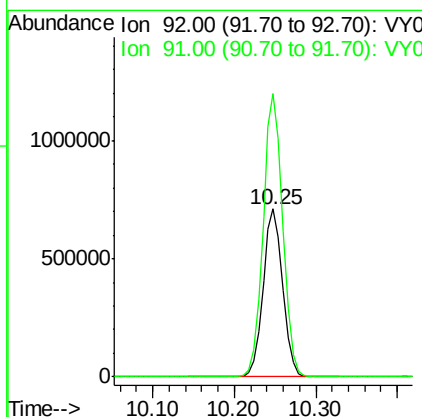
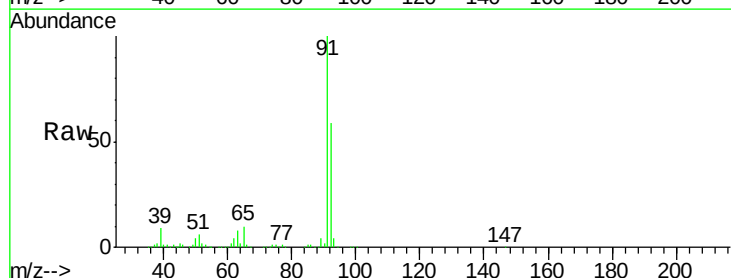
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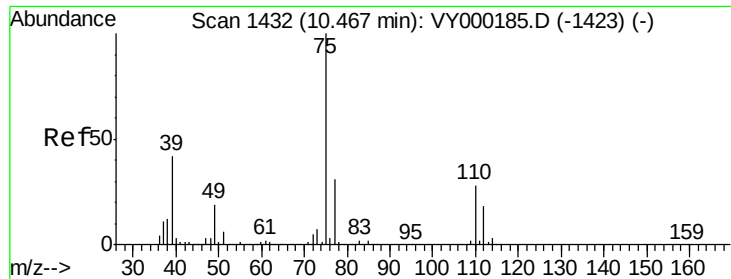
MMDadoda
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#52
Toluene
Concen: 133.522 ug/l
RT: 10.25 min Scan# 1396
Delta R.T. -0.00 min
Lab File: VY000186.D
Acq: 03 Oct 2019 16:24

Tgt Ion: 92 Resp: 1179717
Ion Ratio Lower Upper
92 100
91 169.2 136.9 205.3





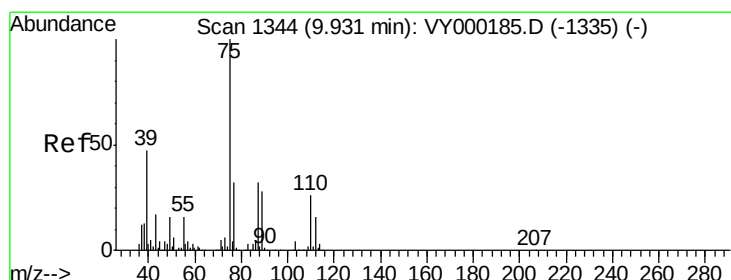
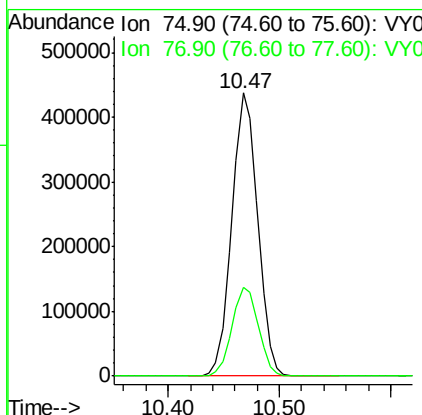
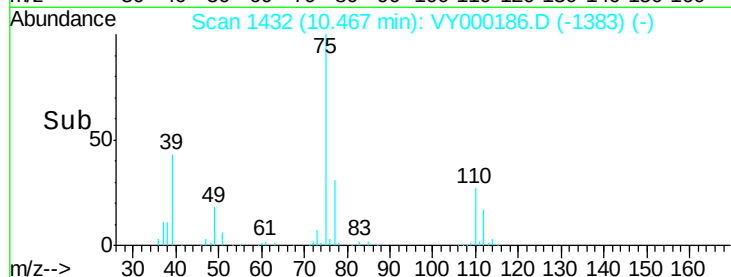
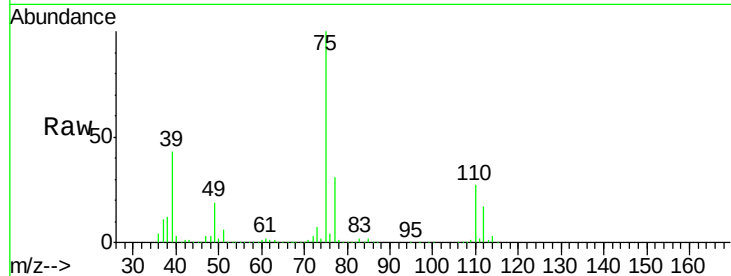
#53
t-1,3-Dichloropropene
Concen: 123.079 ug/l
RT: 10.47 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VY000186.D
Acq: 03 Oct 2019 16:24

Instrument :
MSVOA_Y
ClientSampled :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.2	24.8	37.2

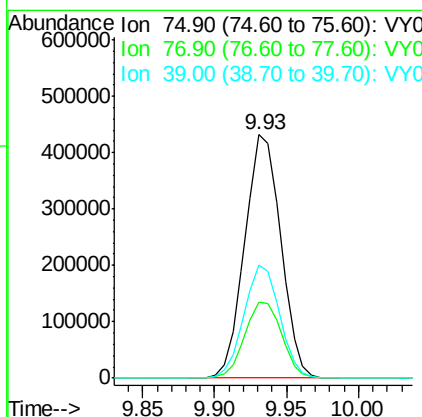
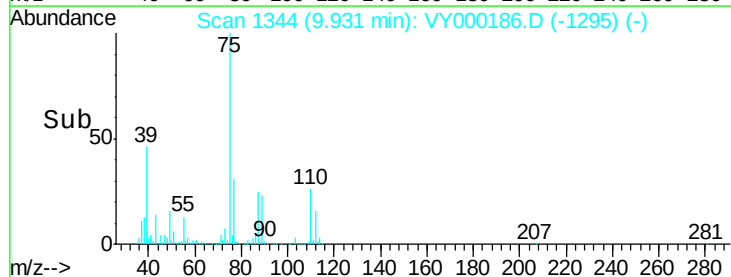
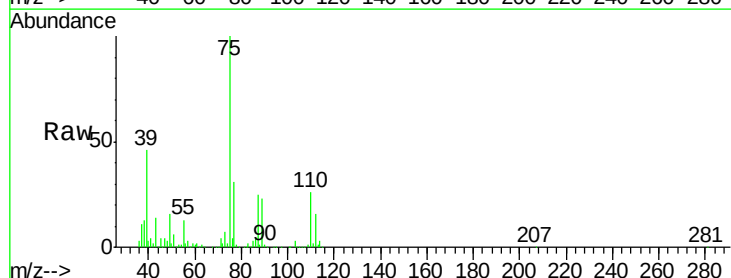
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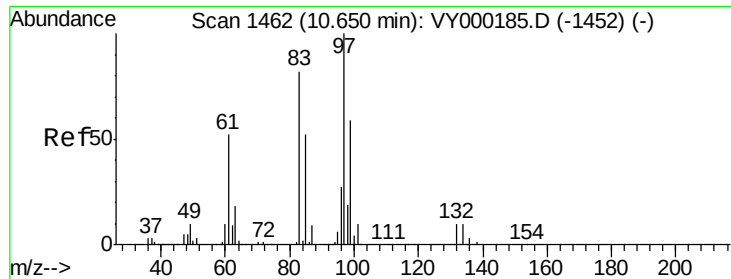
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#54
cis-1,3-Dichloropropene
Concen: 125.877 ug/l
RT: 9.93 min Scan# 1344
Delta R.T. -0.00 min
Lab File: VY000186.D
Acq: 03 Oct 2019 16:24

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.1	26.0	39.0
39	46.2	37.2	55.8





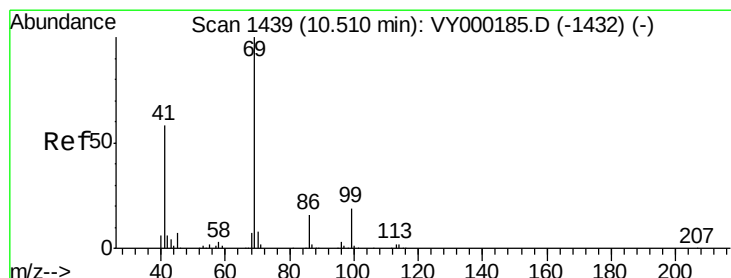
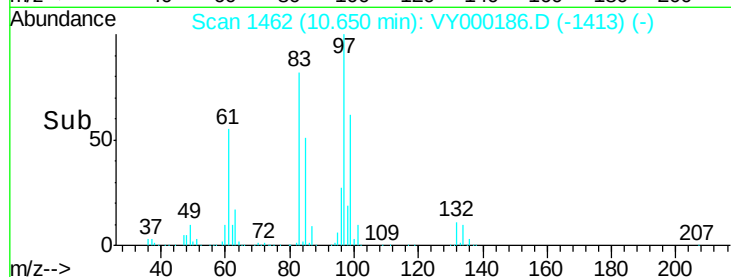
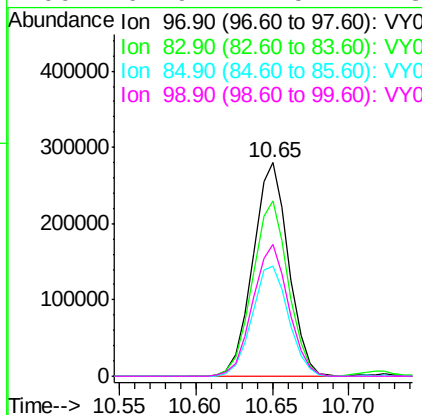
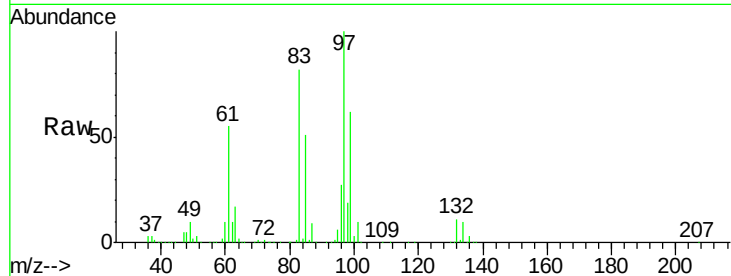
#55
 1,1,2-Trichloroethane
 Concen: 111.372 ug/l
 RT: 10.65 min Scan# 1462
 Delta R.T. -0.00 min
 Lab File: VY000186.D
 Acq: 03 Oct 2019 16:24

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

Tot Ion:	97	Resp:	452475
Ion	Ratio	Lower	Upper
97	100		
83	82.4	65.4	98.2
85	51.4	41.4	62.0
99	61.9	47.5	71.3

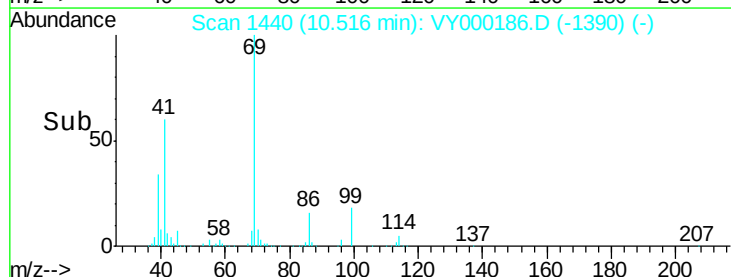
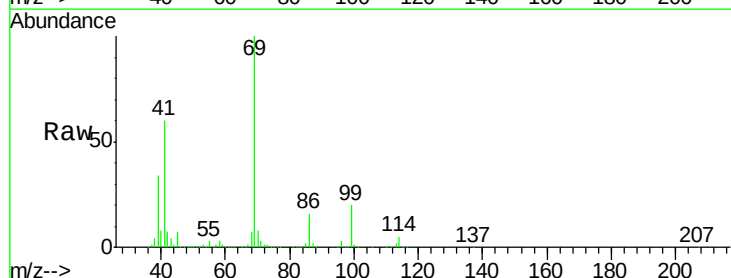
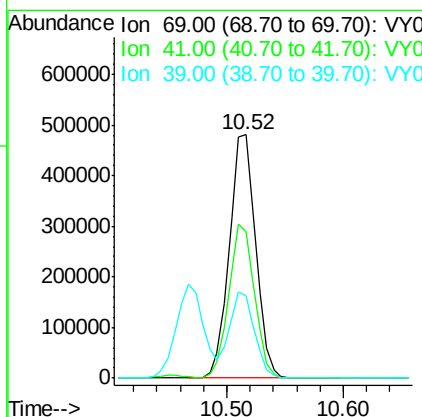
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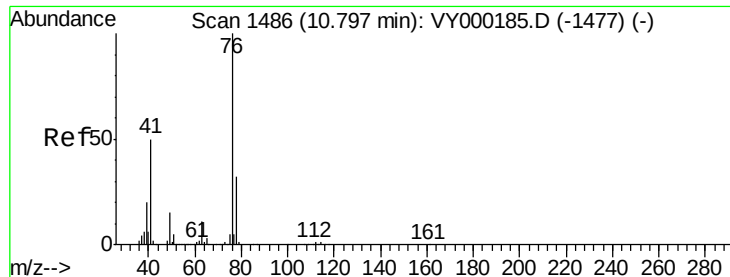
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#56
 Ethyl methacrylate
 Concen: 120.466 ug/l
 RT: 10.52 min Scan# 1440
 Delta R.T. 0.01 min
 Lab File: VY000186.D
 Acq: 03 Oct 2019 16:24

Tgt Ion:	69	Resp:	759592
Ion	Ratio	Lower	Upper
69	100		
41	61.4	48.1	72.1
39	33.4	27.2	40.8





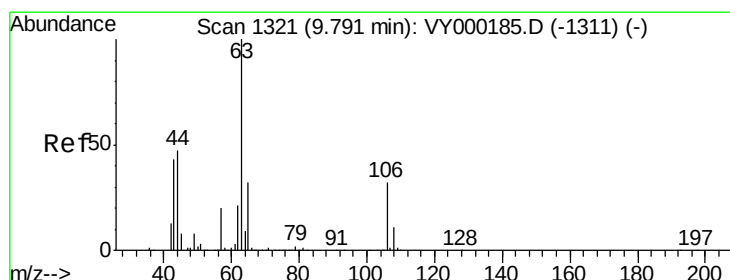
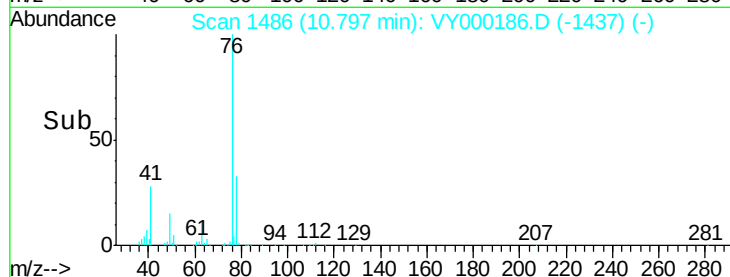
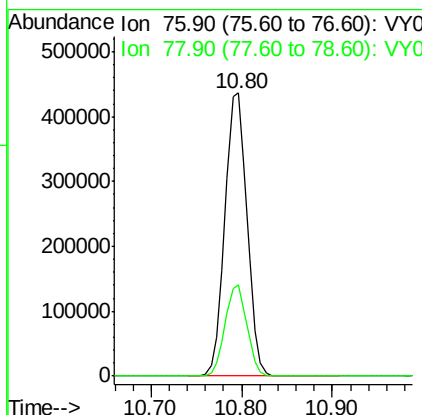
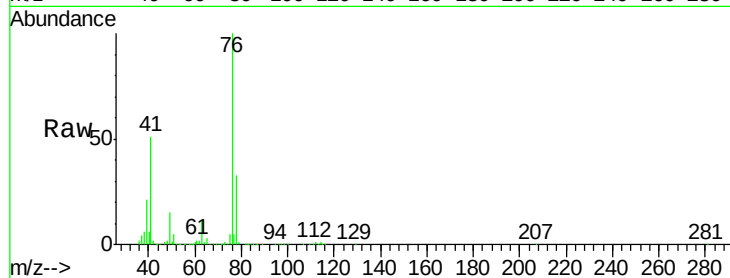
#57
 1,3-Dichloropropane
 Concen: 116.980 ug/l
 RT: 10.80 min Scan# 1486
 Delta R.T. -0.00 min
 Lab File: VY000186.D
 Acq: 03 Oct 2019 16:24

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

Tot Ion: 76 Resp: 739753
 Ion Ratio Lower Upper
 76 100
 78 32.2 26.4 39.6

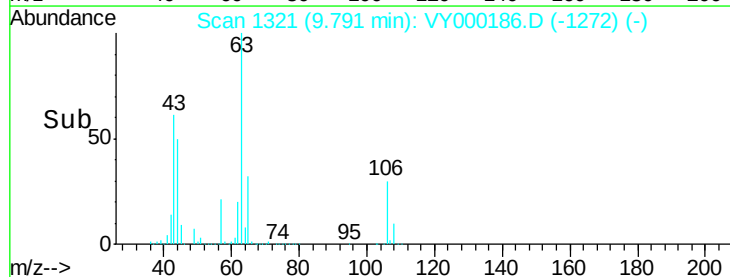
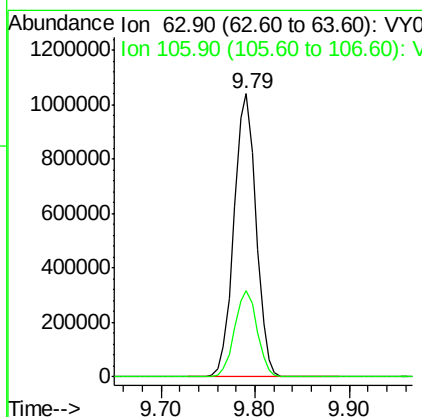
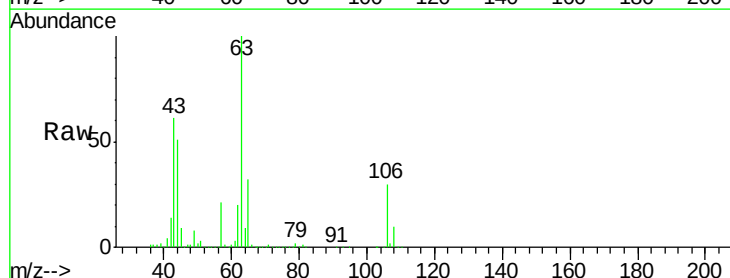
Manual Integrations
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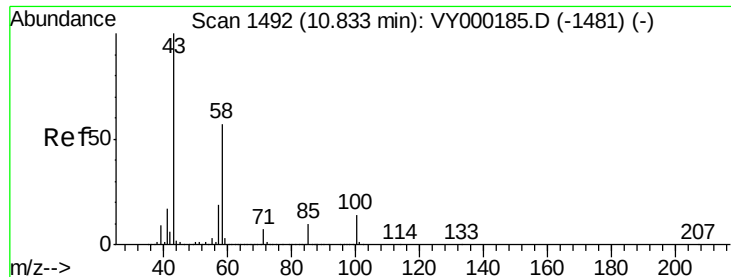
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#58
 2-Chloroethyl Vinyl ether
 Concen: 525.581 ug/l
 RT: 9.79 min Scan# 1321
 Delta R.T. -0.00 min
 Lab File: VY000186.D
 Acq: 03 Oct 2019 16:24

Tgt Ion: 63 Resp: 1691025
 Ion Ratio Lower Upper
 63 100
 106 30.9 25.8 38.6





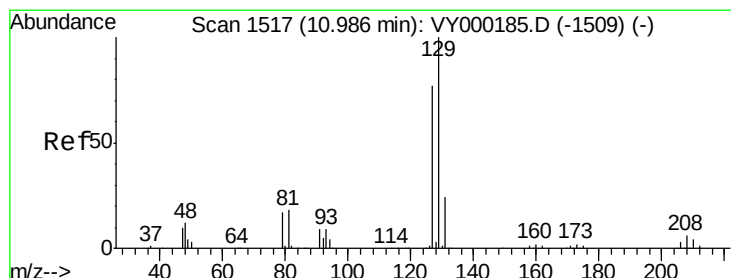
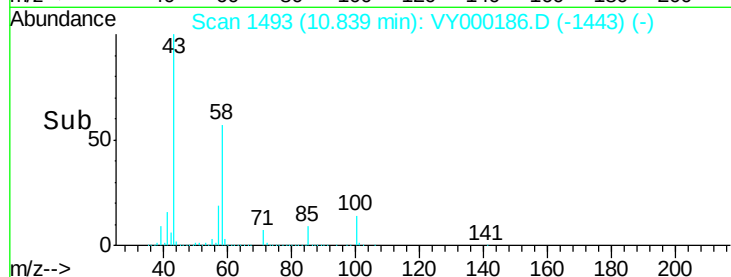
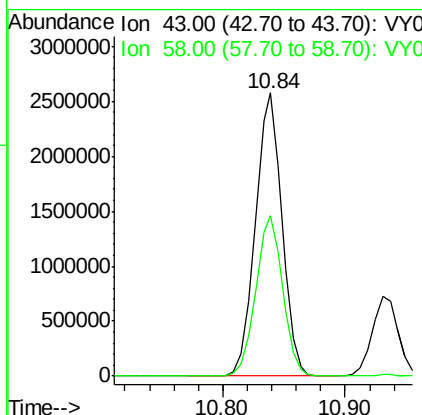
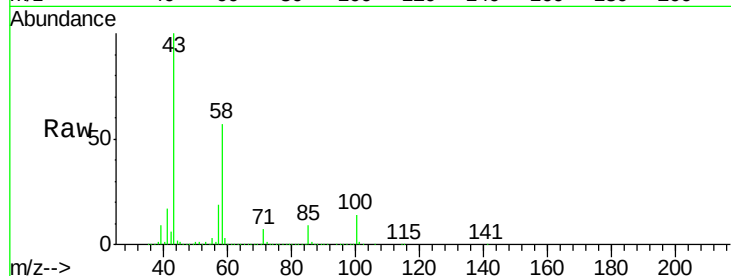
#59
2-Hexanone
Concen: 579.995 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. 0.01 min
Lab File: VY000186.D
Acq: 03 Oct 2019 16:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tot Ion: 43 Resp: 3911726
Ion Ratio Lower Upper
43 100
58 56.9 28.6 85.8

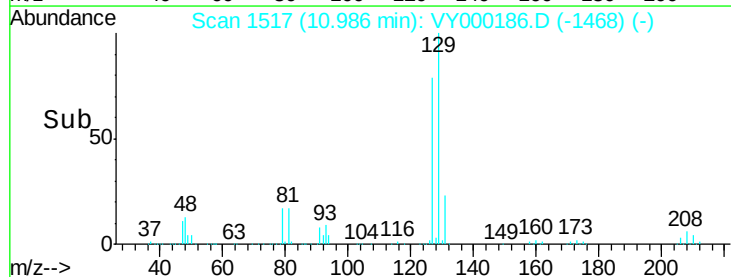
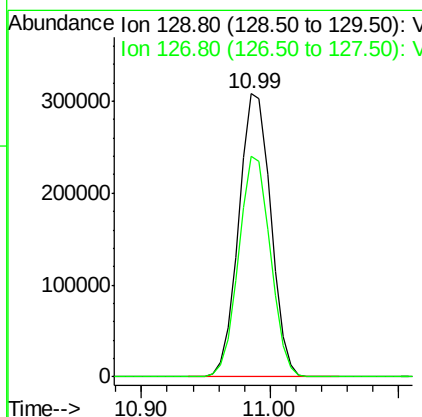
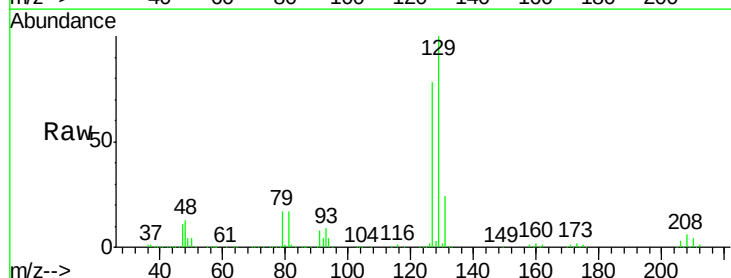
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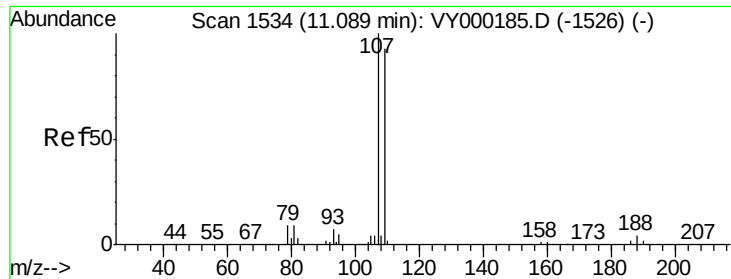
MMDadoda
10/7/2019 12:51:03 PM



#60
Dibromochloromethane
Concen: 113.468 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY000186.D
Acq: 03 Oct 2019 16:24

Tgt Ion: 129 Resp: 530297
Ion Ratio Lower Upper
129 100
127 77.0 38.3 114.8





#61

1,2-Dibromoethane

Concen: 120.652 ug/l

RT: 11.09 min Scan# 1534

Delta R.T. -0.00 min

Lab File: VY000186.D

Acq: 03 Oct 2019 16:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tot Ion:107 Resp: 496999

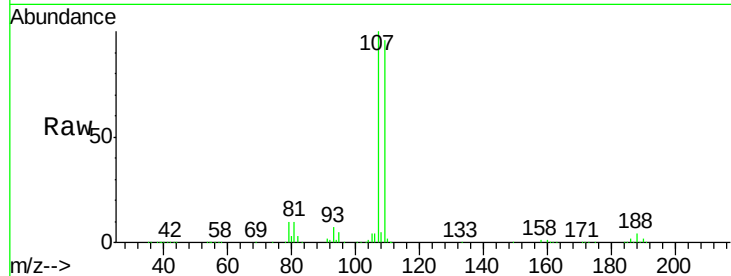
Ion Ratio Lower Upper

107 100

109 95.4 75.9 113.9

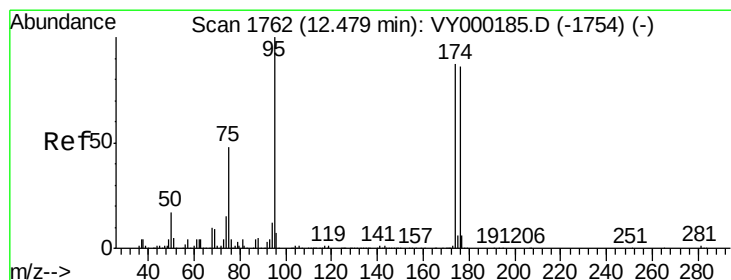
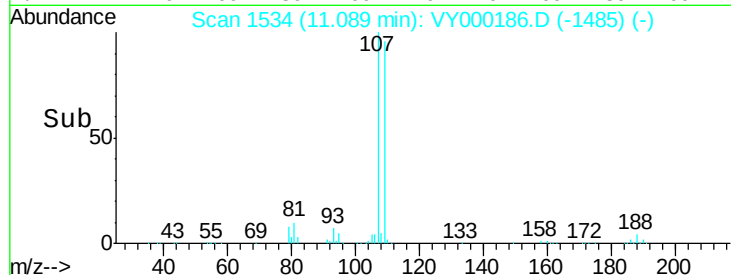
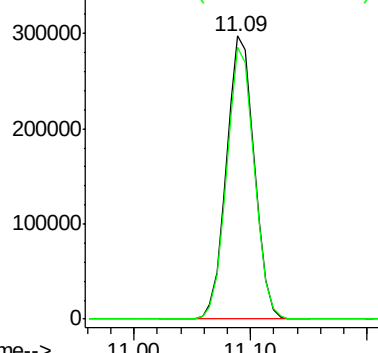
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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 101.285 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY000186.D

Acq: 03 Oct 2019 16:24

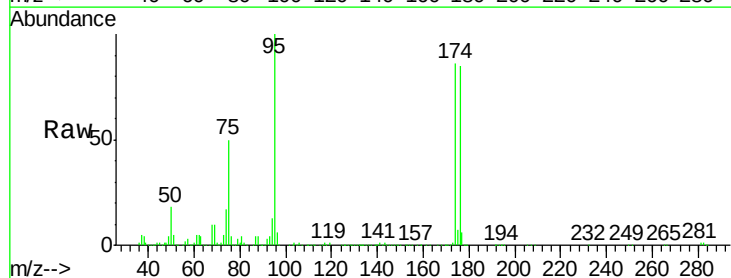
Tgt Ion: 95 Resp: 514342

Ion Ratio Lower Upper

95 100

174 91.1 0.0 188.6

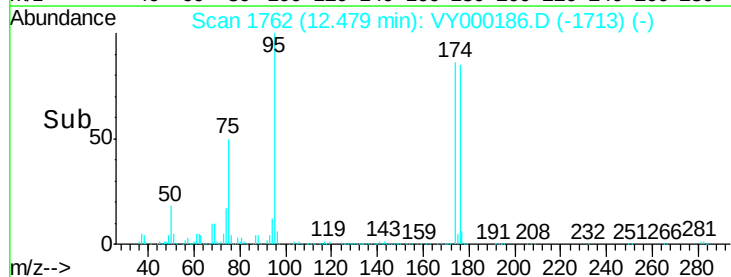
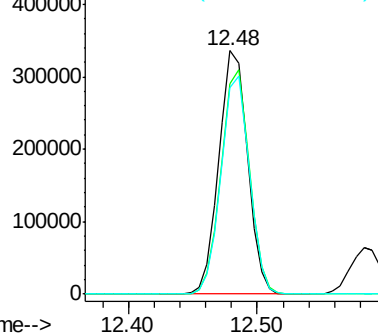
176 88.9 0.0 183.6

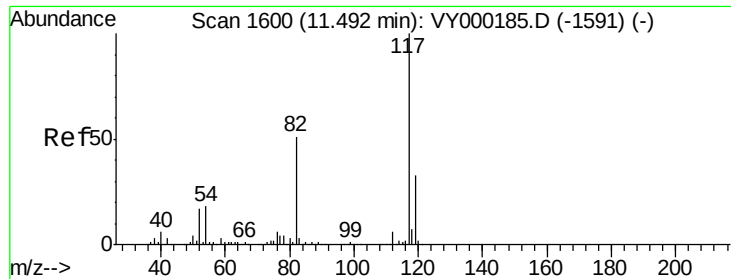


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





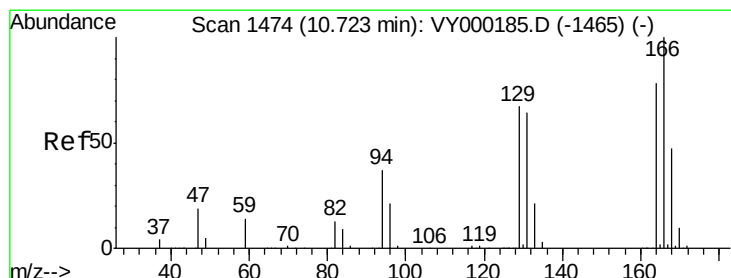
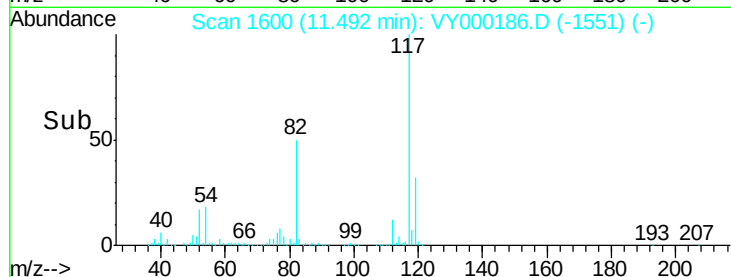
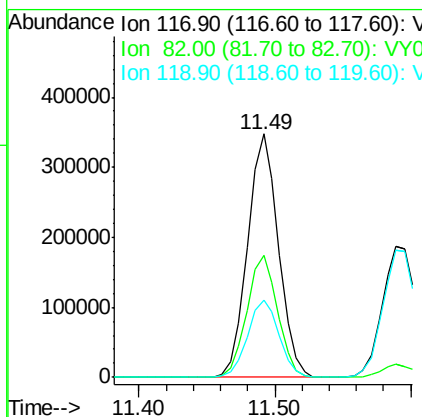
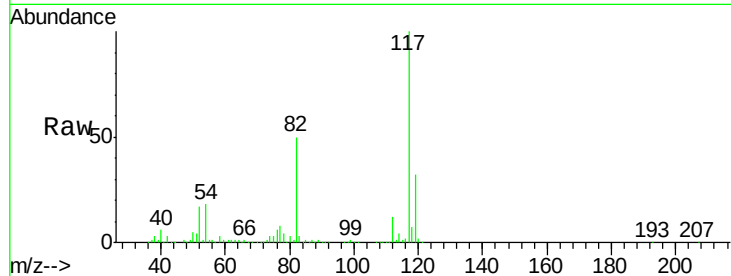
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY000186.D
Acq: 03 Oct 2019 16:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
117	100	552186		
82	50.0		41.0	61.4
119	31.6		26.2	39.2

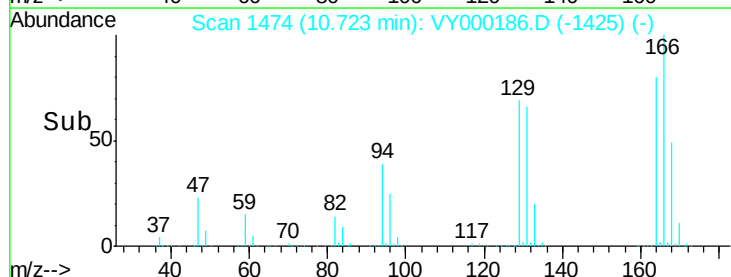
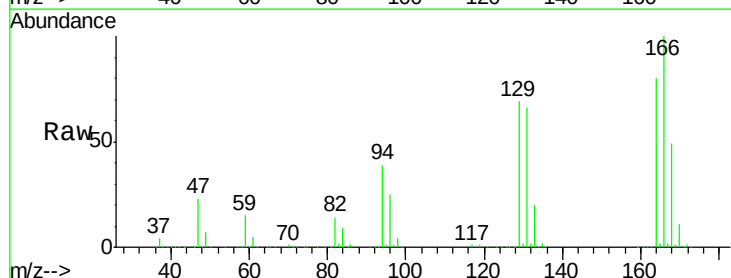
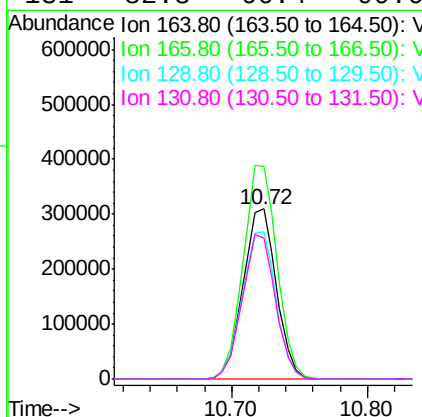
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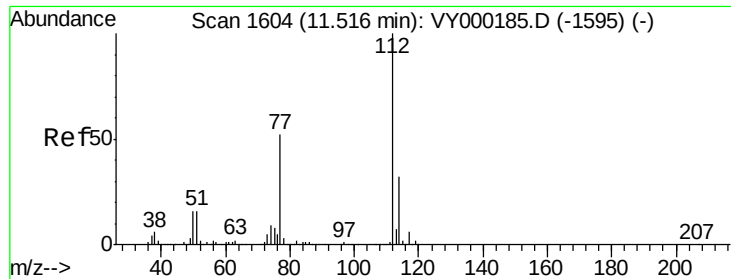
MMDadoda
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#64
Tetrachloroethene
Concen: 123.417 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VY000186.D
Acq: 03 Oct 2019 16:24

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	530801		
166	125.4		103.2	154.8
129	86.4		69.0	103.4
131	82.8		66.4	99.6





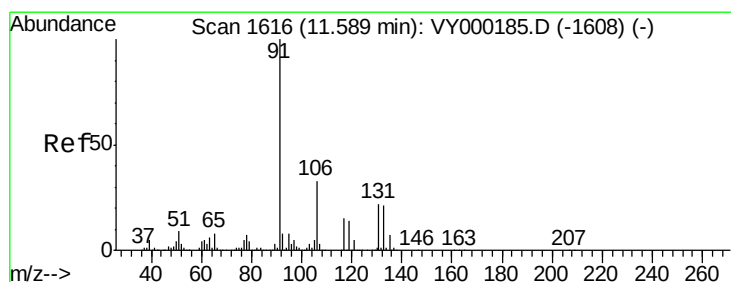
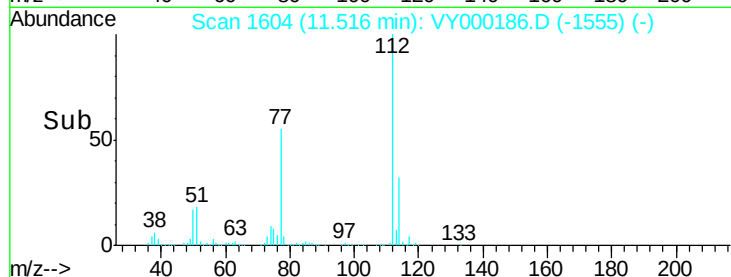
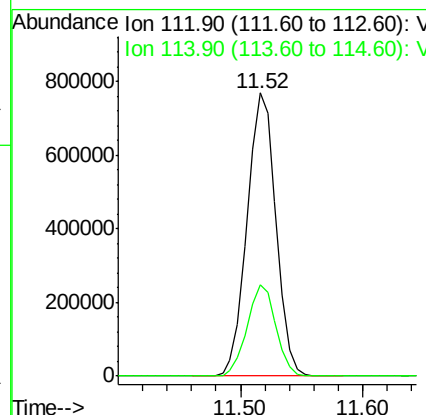
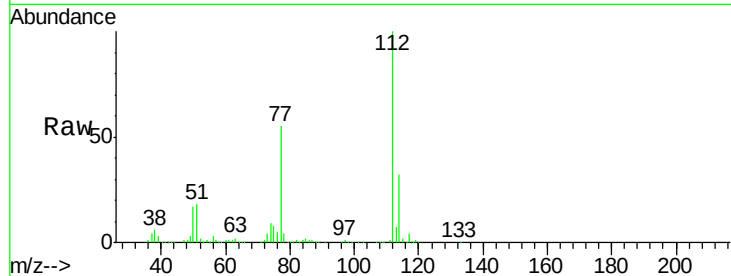
#65
Chlorobenzene
Concen: 120.064 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY000186.D
Acq: 03 Oct 2019 16:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tot Ion:112 Resp: 1257360
Ion Ratio Lower Upper
112 100
114 32.3 25.6 38.4

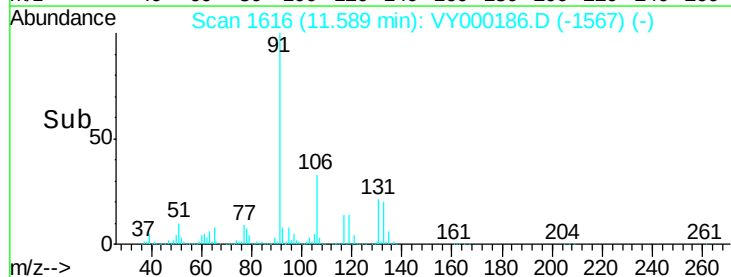
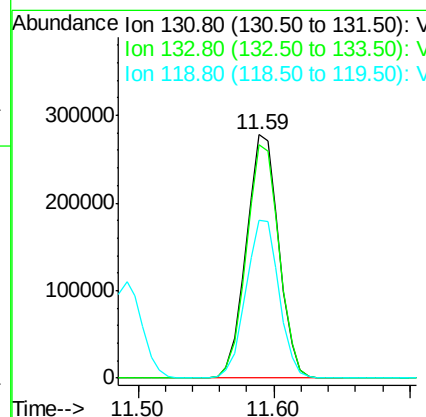
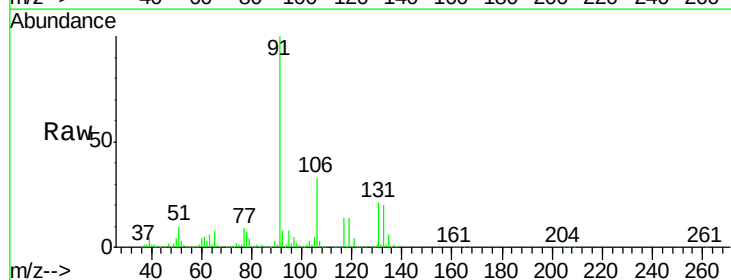
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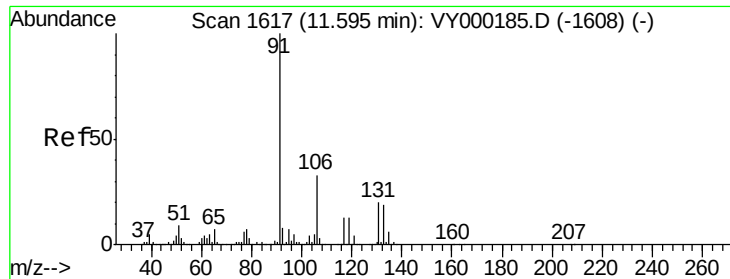
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#66
1,1,1,2-Tetrachloroethane
Concen: 107.343 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY000186.D
Acq: 03 Oct 2019 16:24

Tgt Ion:131 Resp: 463560
Ion Ratio Lower Upper
131 100
133 96.5 47.4 142.3
119 66.1 32.6 98.0





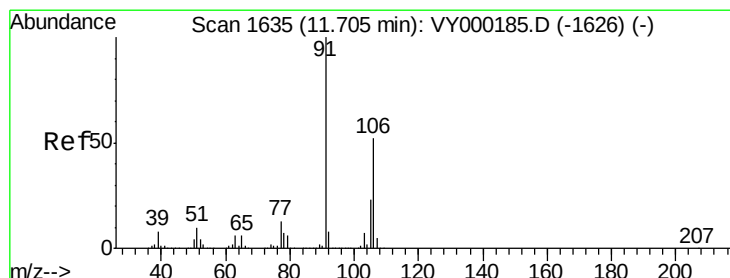
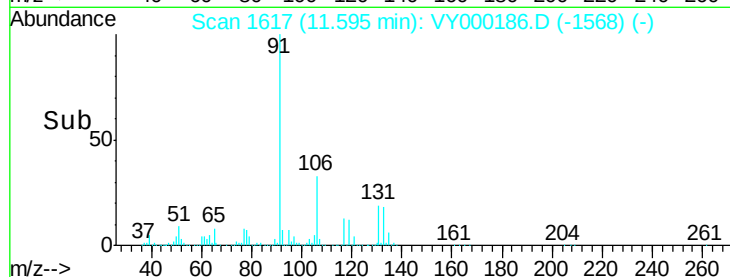
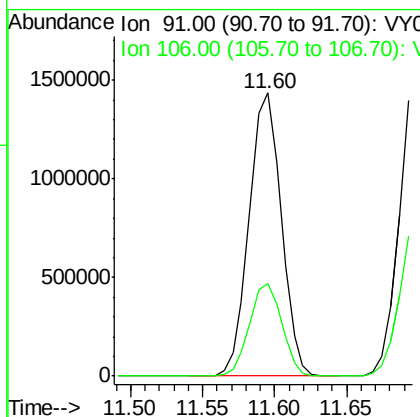
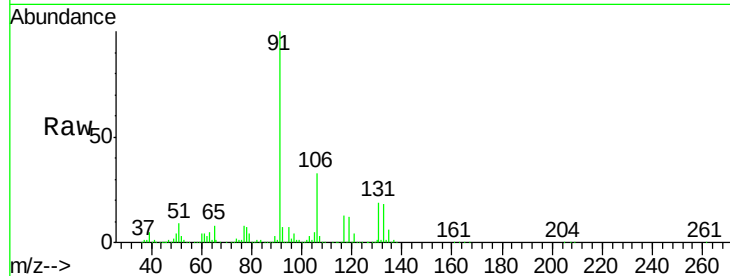
#67
Ethyl Benzene
Concen: 126.410 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. -0.00 min
Lab File: VY000186.D
Acq: 03 Oct 2019 16:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tot Ion: 91 Resp: 2208711
Ion Ratio Lower Upper
91 100
106 32.8 26.3 39.5

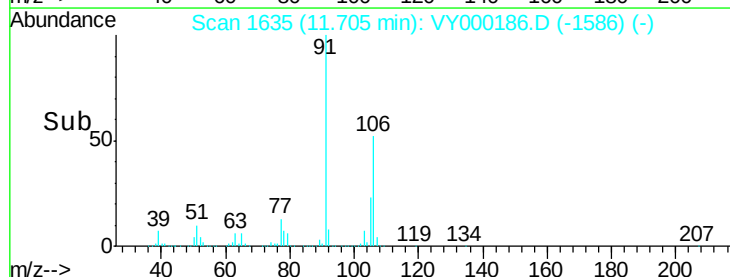
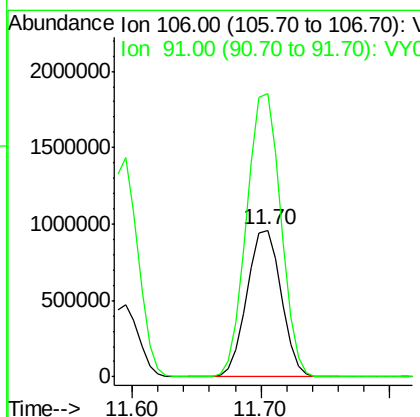
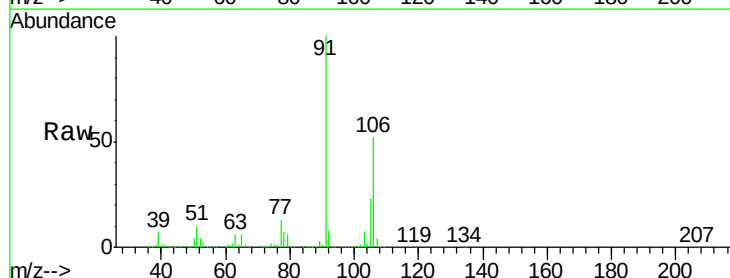
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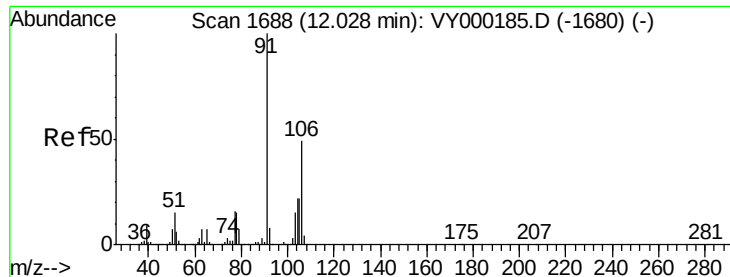
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#68
m/p-Xylenes
Concen: 253.667 ug/l
RT: 11.70 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VY000186.D
Acq: 03 Oct 2019 16:24

Tgt Ion: 106 Resp: 1758639
Ion Ratio Lower Upper
106 100
91 192.9 151.7 227.5





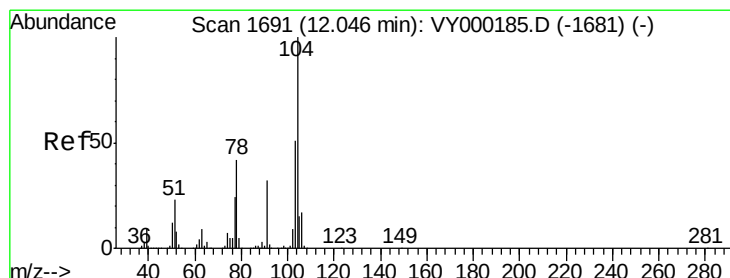
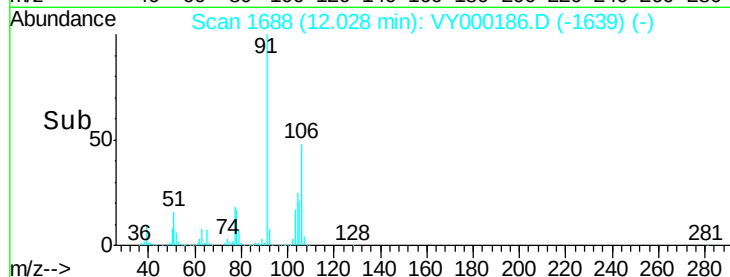
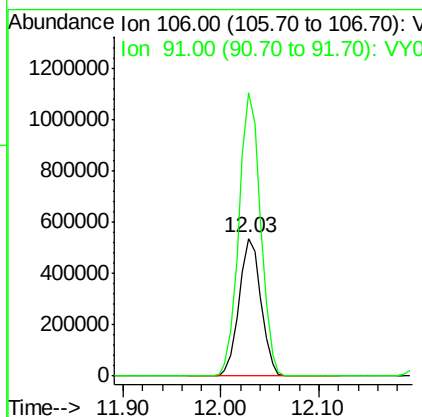
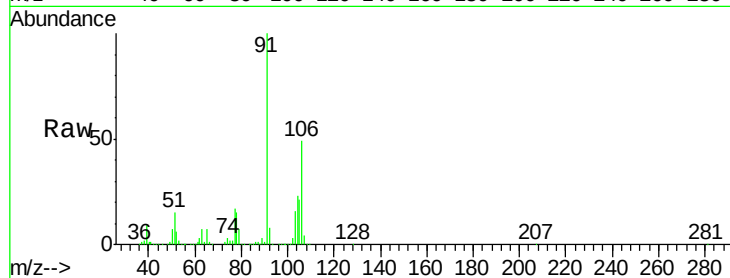
#69
o-Xylene
Concen: 120.320 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY000186.D
Acq: 03 Oct 2019 16:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tot Ion:106 Resp: 836004
Ion Ratio Lower Upper
106 100
91 203.8 98.7 296.1

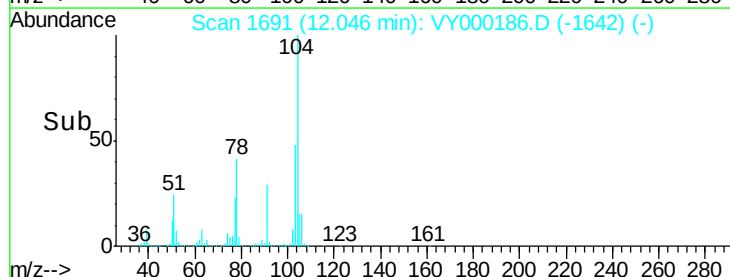
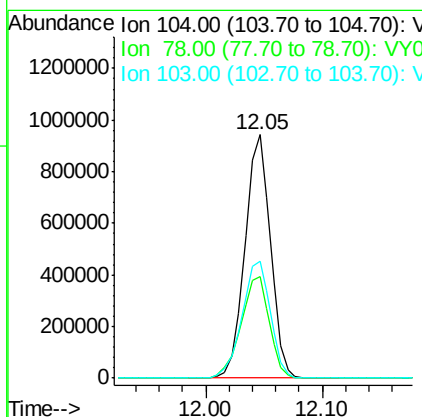
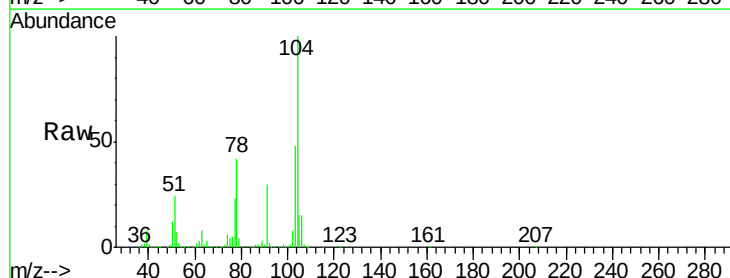
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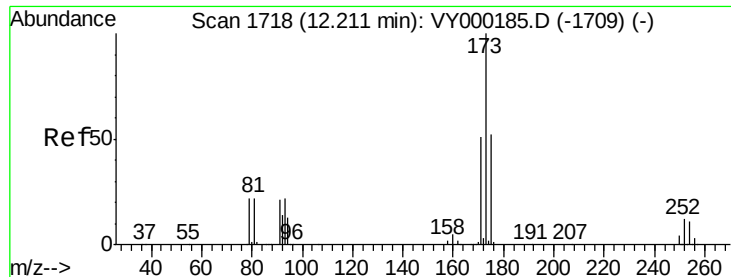
MMDadoda
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#70
Styrene
Concen: 120.402 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. -0.00 min
Lab File: VY000186.D
Acq: 03 Oct 2019 16:24

Tgt Ion:104 Resp: 1440720
Ion Ratio Lower Upper
104 100
78 46.4 36.3 54.5
103 53.5 43.1 64.7





#71

Bromoform

Concen: 106.980 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. -0.00 min

Lab File: VY000186.D

Acq: 03 Oct 2019 16:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tot Ion:173 Resp: 425581

Ion Ratio Lower Upper

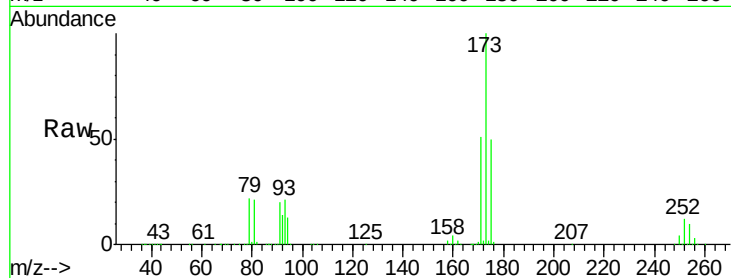
173 100

175 48.7 24.5 73.5

254 0.1 0.1 0.1#

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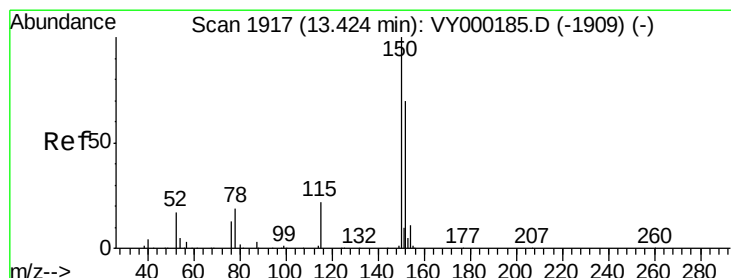
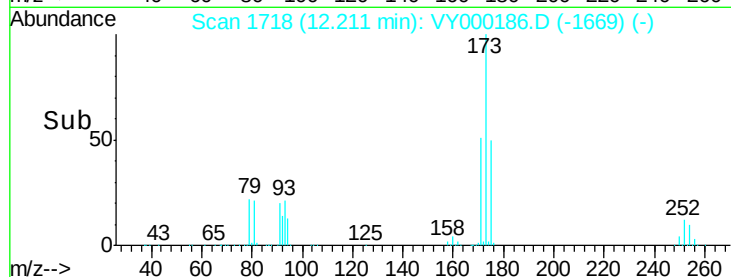
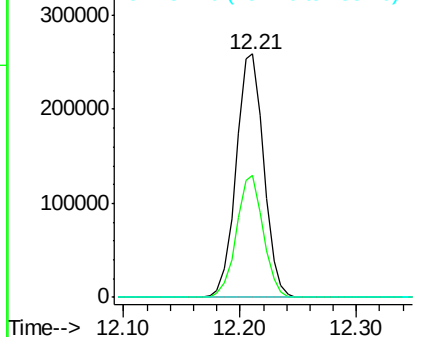
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Abundance Ion 172.70 (172.40 to 173.40): V

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: VY000186.D

Acq: 03 Oct 2019 16:24

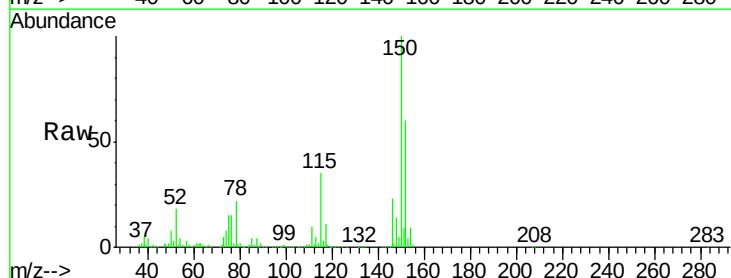
Tgt Ion:152 Resp: 273982

Ion Ratio Lower Upper

152 100

115 55.4 27.2 81.6

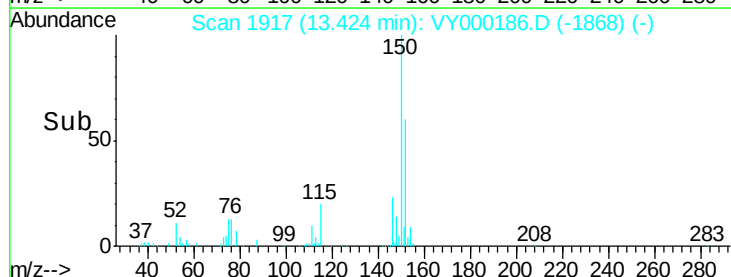
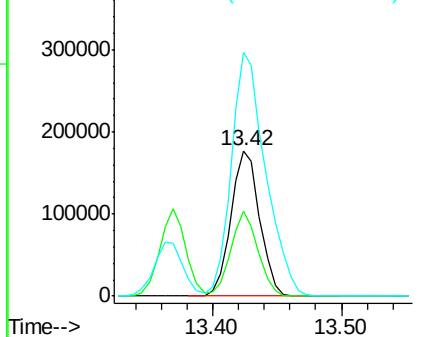
150 199.1 0.0 351.2

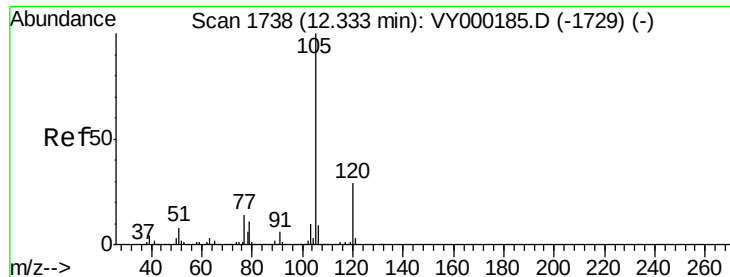


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 122.223 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.01 min

Lab File: VY000186.D

Acq: 03 Oct 2019 16:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tot Ion:105 Resp: 2212382

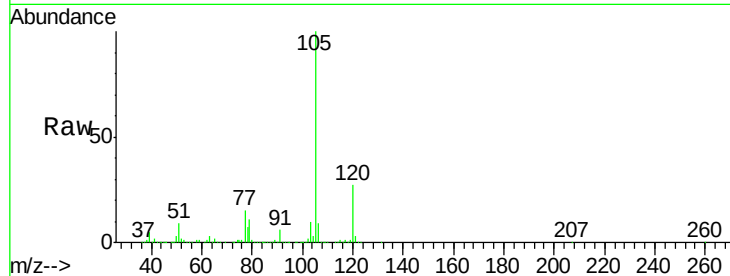
Ion Ratio Lower Upper

105 100

120 27.9 14.1 42.3

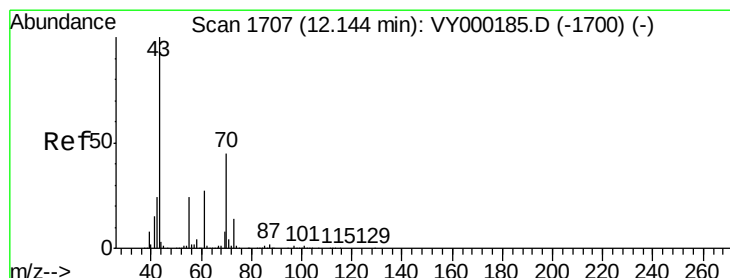
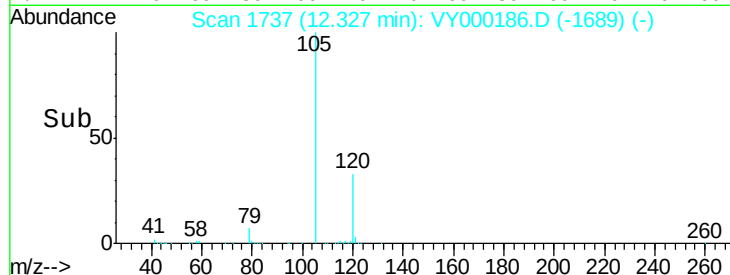
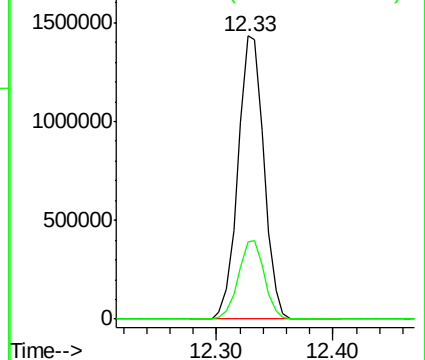
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 124.952 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VY000186.D

Acq: 03 Oct 2019 16:24

Tgt Ion: 43 Resp: 995218

Ion Ratio Lower Upper

43 100

70 44.8 36.7 55.1

55 22.7 18.6 27.8

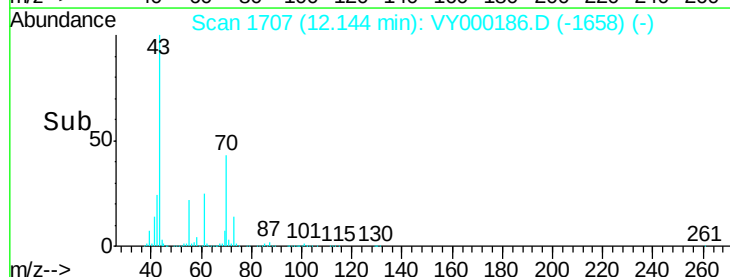
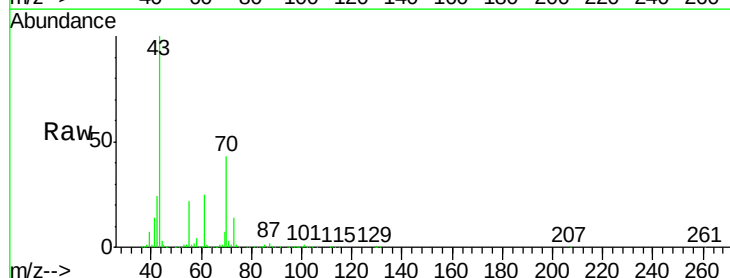
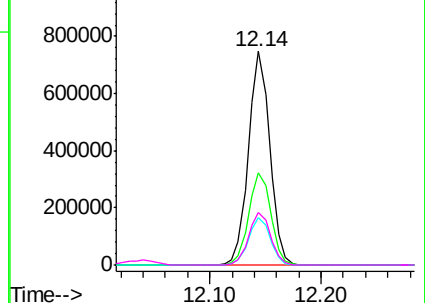
61 25.5 21.0 31.6

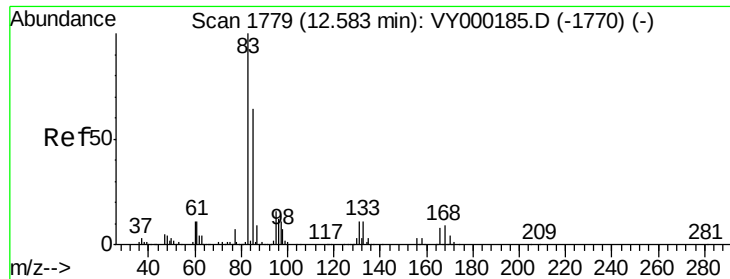
Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0





#75

1,1,2,2-Tetrachloroethane

Concen: 104.997 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY000186.D

Acq: 03 Oct 2019 16:24

Instrument :

MSVOA_Y

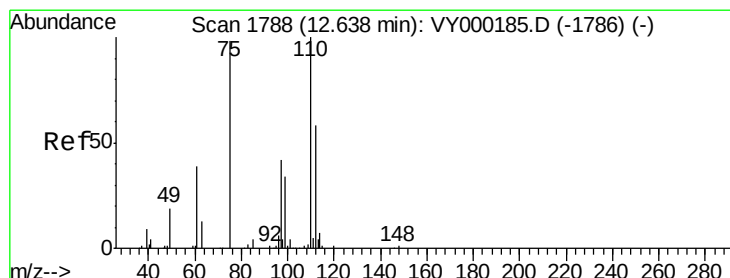
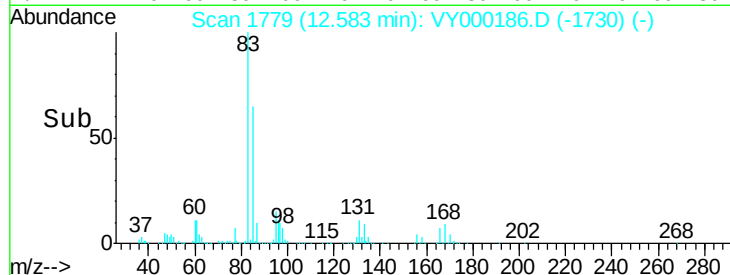
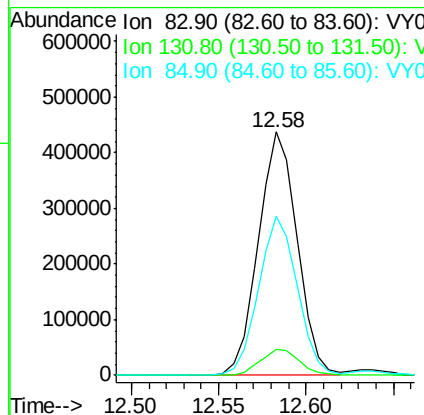
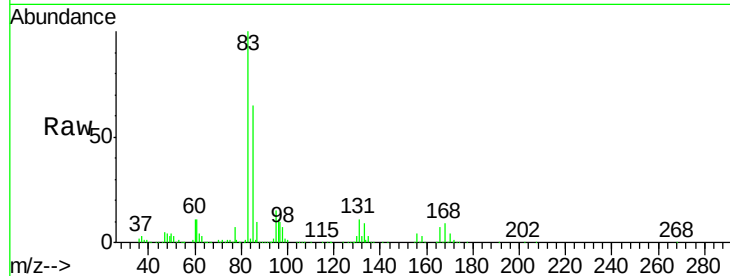
ClientSampleId :

VSTDICC100

Tot Ion:	83	Resp:	674477
Ion Ratio	Lower	Upper	
83	100		
131	11.1	5.6	16.8
85	65.0	32.1	96.3

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 100.205 ug/l m

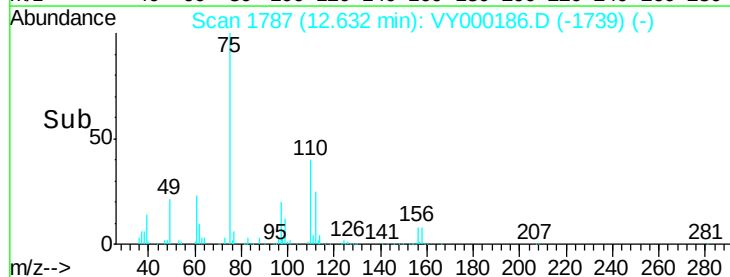
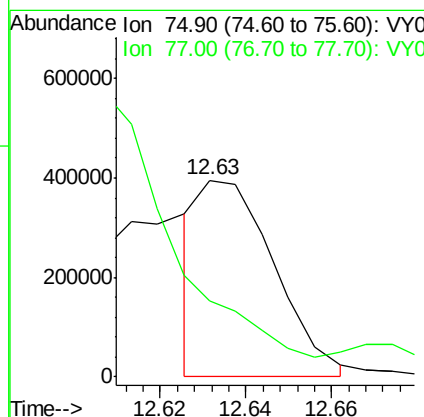
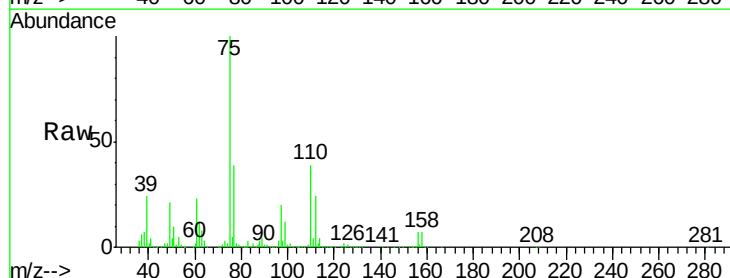
RT: 12.63 min Scan# 1787

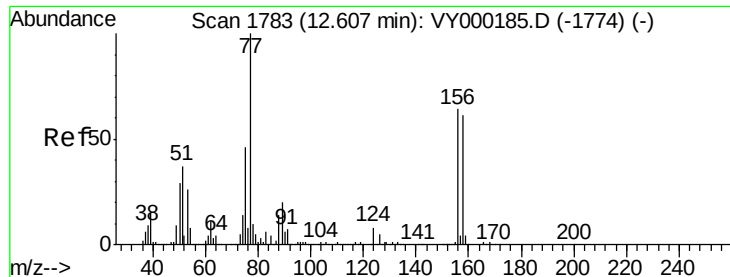
Delta R.T. -0.01 min

Lab File: VY000186.D

Acq: 03 Oct 2019 16:24

Tgt Ion:	75	Resp:	481381
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





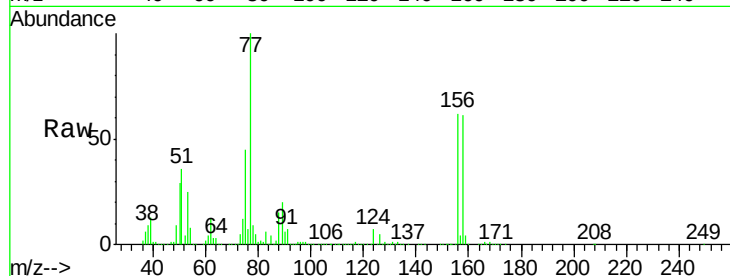
#77
Bromobenzene
Concen: 110.502 ug/l
RT: 12.61 min Scan# 1783
Delta R.T. -0.00 min
Lab File: VY000186.D
Acq: 03 Oct 2019 16:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

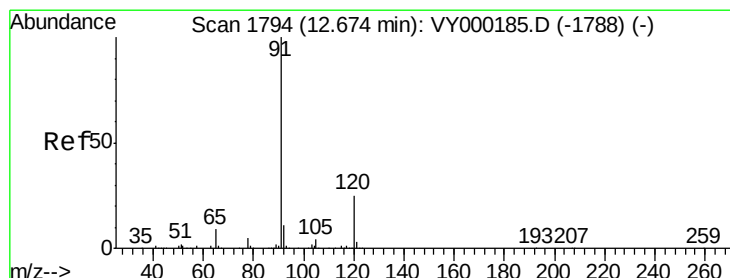
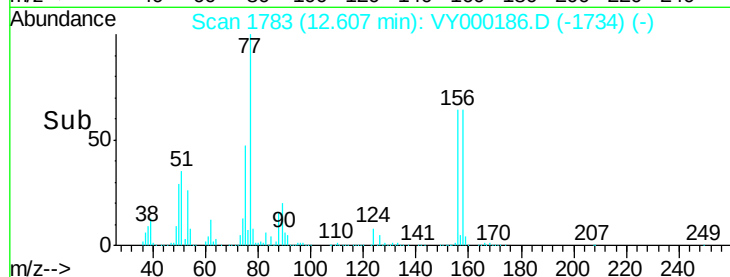
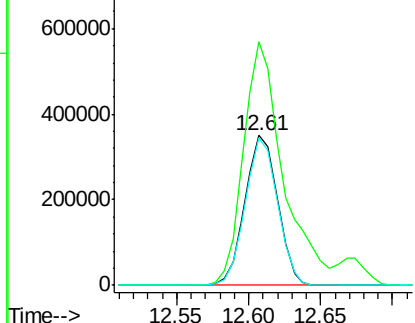
Tot Ion	Ratio	Lower	Upper
156	100		
77	197.1	95.3	285.8
158	97.1	48.0	144.2

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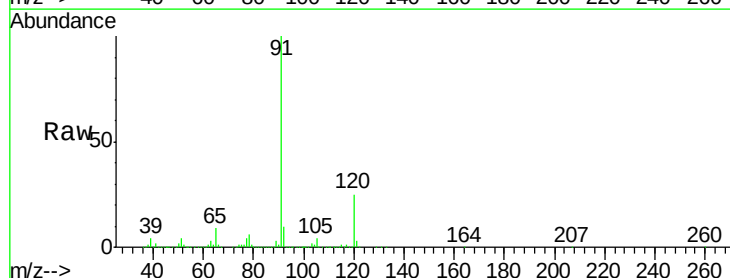


Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VY0
Ion 157.80 (157.50 to 158.50): V

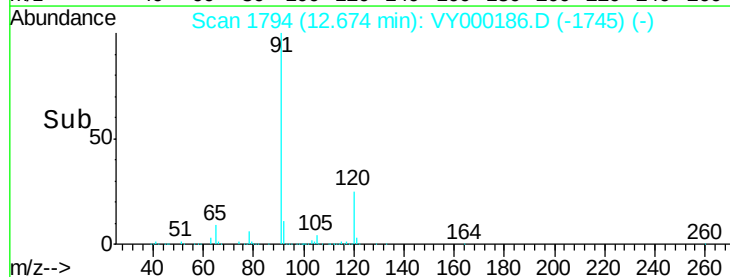
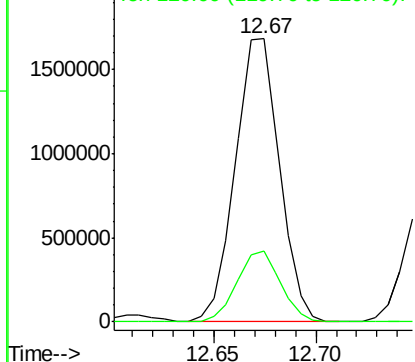


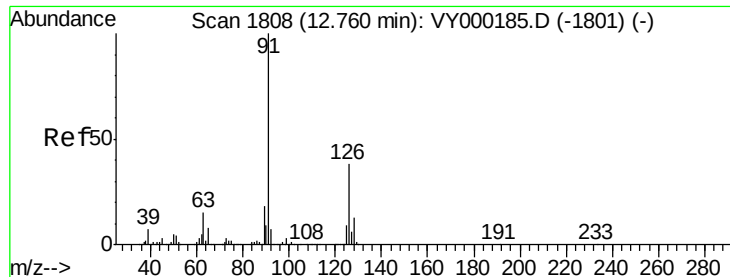
#78
n-propylbenzene
Concen: 125.426 ug/l
RT: 12.67 min Scan# 1794
Delta R.T. -0.00 min
Lab File: VY000186.D
Acq: 03 Oct 2019 16:24

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.5	12.6	37.8



Abundance Ion 91.00 (90.70 to 91.70): VY0
Ion 120.00 (119.70 to 120.70): V





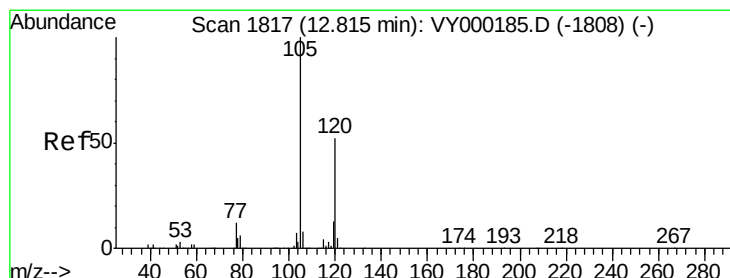
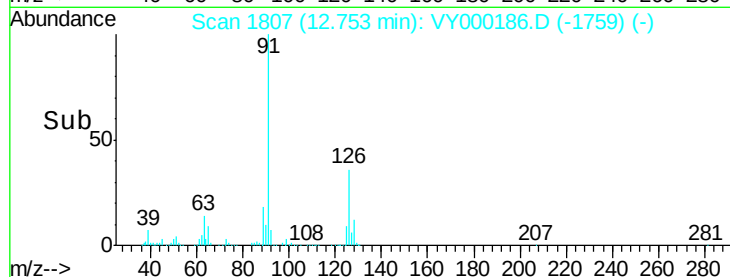
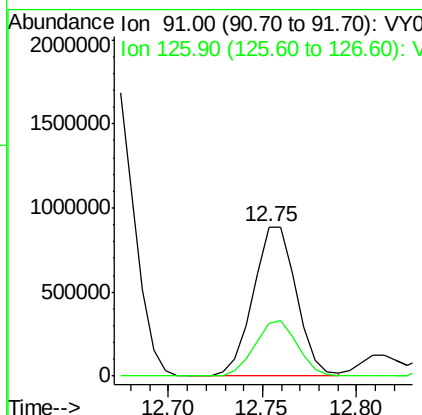
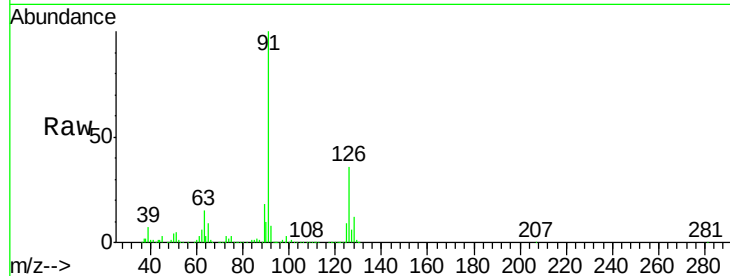
#79
 2-Chlorotoluene
 Concen: 118.610 ug/l
 RT: 12.75 min Scan# 1807
 Delta R.T. -0.01 min
 Lab File: VY000186.D
 Acq: 03 Oct 2019 16:24

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

Tot Ion: 91 Resp: 1414525
 Ion Ratio Lower Upper
 91 100
 126 36.7 18.6 56.0

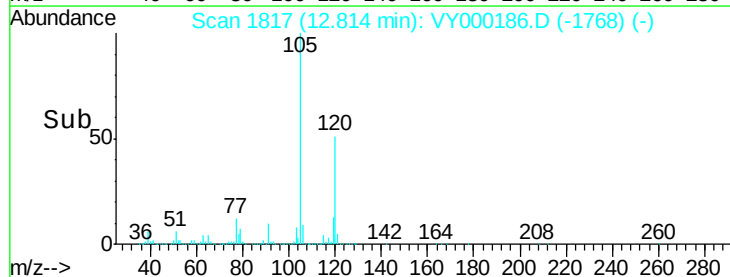
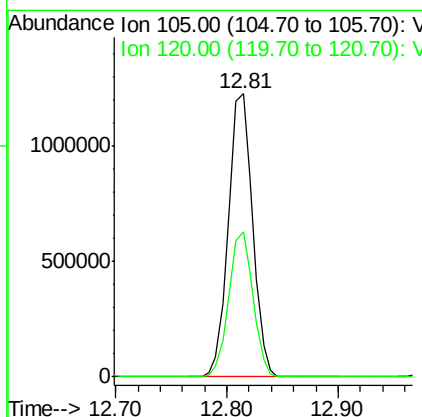
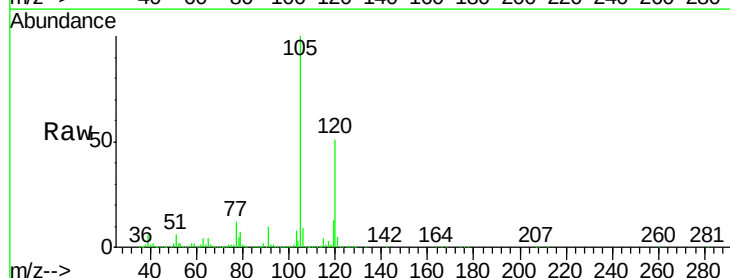
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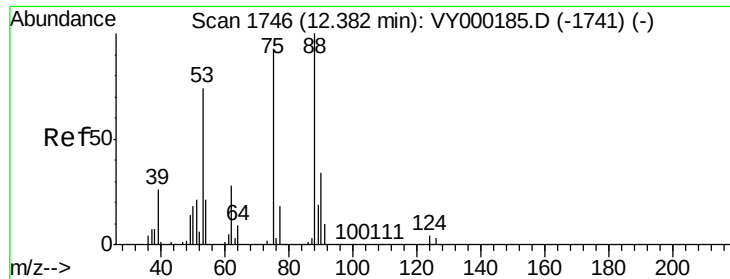
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#80
 1,3,5-Trimethylbenzene
 Concen: 121.593 ug/l
 RT: 12.81 min Scan# 1817
 Delta R.T. -0.00 min
 Lab File: VY000186.D
 Acq: 03 Oct 2019 16:24

Tgt Ion: 105 Resp: 1845643
 Ion Ratio Lower Upper
 105 100
 120 51.3 25.9 77.6





#81

trans-1,4-Dichloro-2-butene

Concen: 116.708 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. -0.00 min

Lab File: VY000186.D

Acq: 03 Oct 2019 16:24

Instrument :

MSVOA_Y

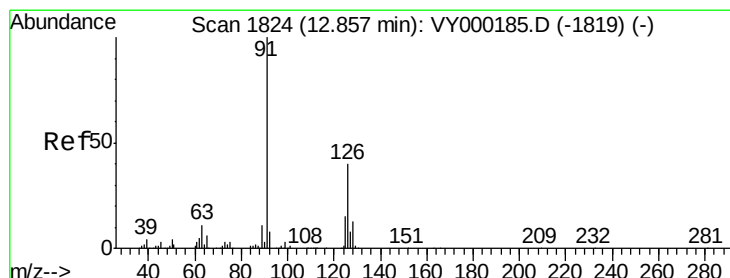
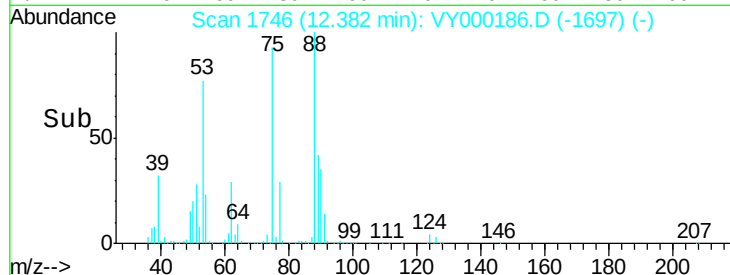
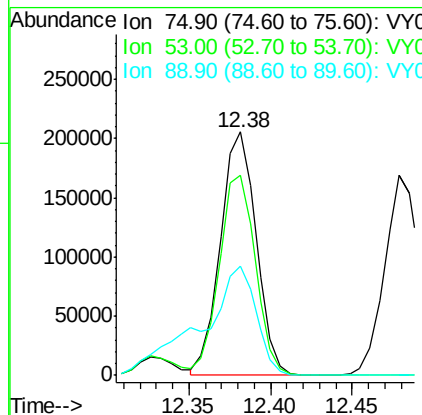
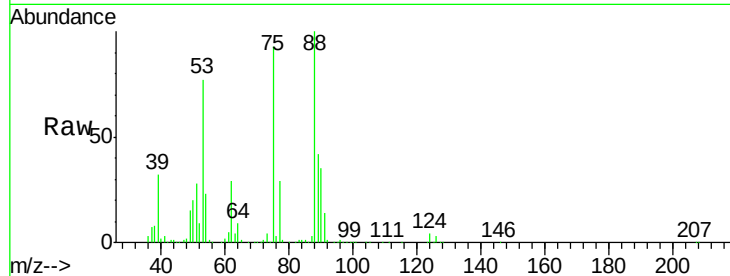
ClientSampleId :

VSTDIC100

Tot Ion:	75	Resp:	313145
Ion Ratio	Lower	Upper	
75	100		
53	83.5	67.7	101.5
89	70.5	37.0	55.4#

Manual Integrations
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#82

4-Chlorotoluene

Concen: 115.873 ug/l

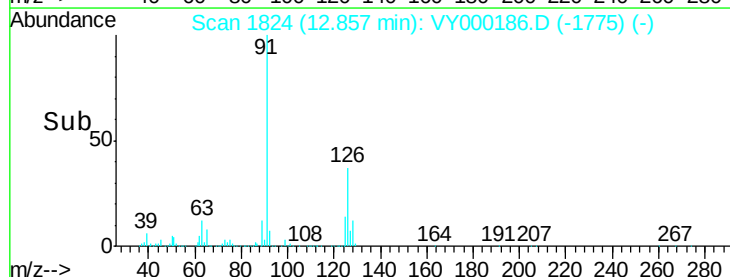
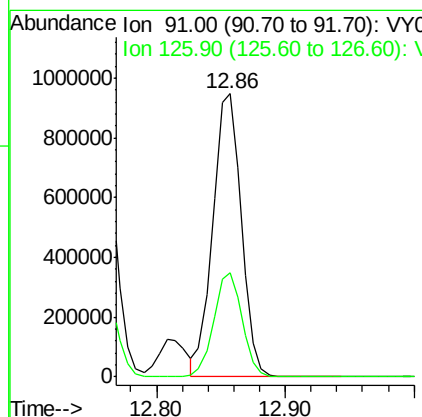
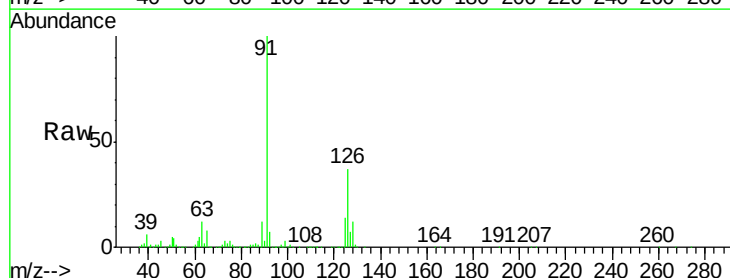
RT: 12.86 min Scan# 1824

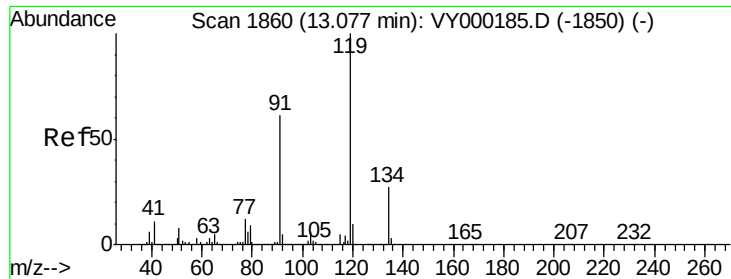
Delta R.T. -0.00 min

Lab File: VY000186.D

Acq: 03 Oct 2019 16:24

Tgt Ion:	91	Resp:	1471339
Ion Ratio	Lower	Upper	
91	100		
126	36.6	18.4	55.0





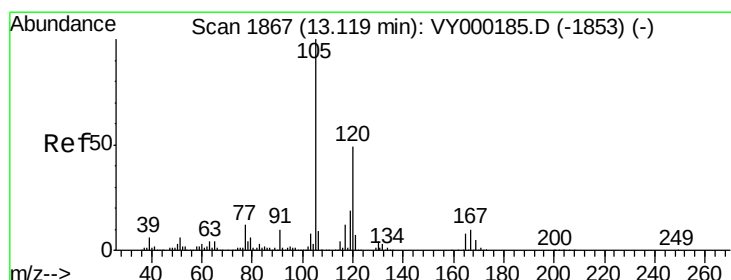
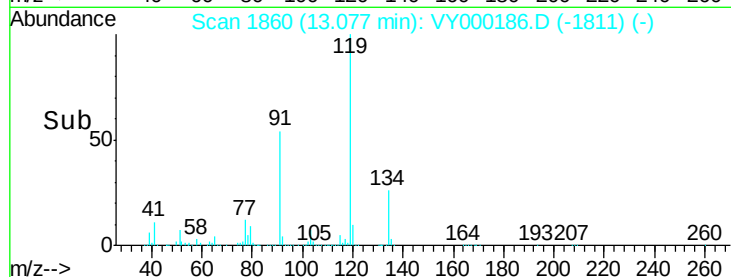
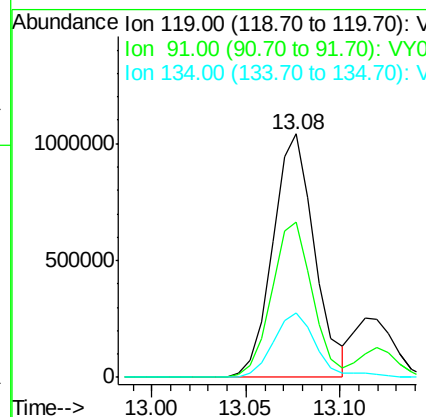
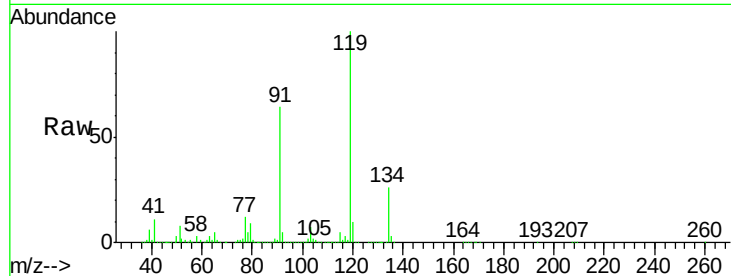
#83
 tert-Butylbenzene
 Concen: 115.430 ug/l
 RT: 13.08 min Scan# 1860
 Delta R.T. -0.00 min
 Lab File: VY000186.D
 Acq: 03 Oct 2019 16:24

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

Tot Ion:119 Resp: 1596965
 Ion Ratio Lower Upper
 119 100
 91 61.9 30.6 92.0
 134 27.3 13.7 41.1

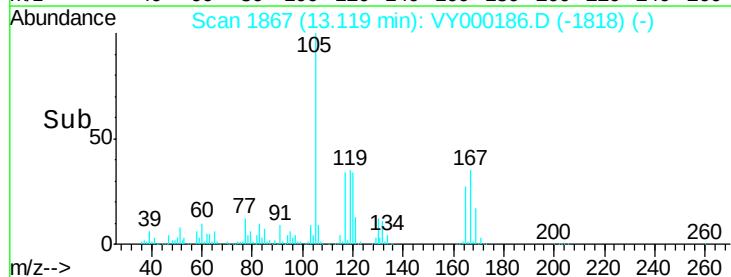
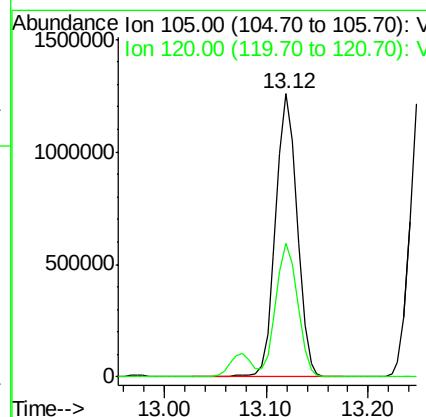
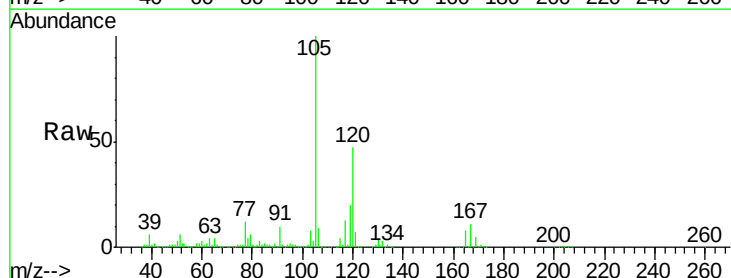
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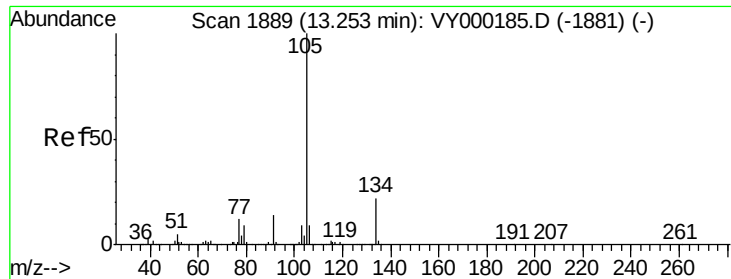
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#84
 1,2,4-Trimethylbenzene
 Concen: 121.746 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VY000186.D
 Acq: 03 Oct 2019 16:24

Tgt Ion:105 Resp: 1834071
 Ion Ratio Lower Upper
 105 100
 120 47.2 24.0 72.0





#85

sec-Butylbenzene

Concen: 119.480 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY000186.D

Acq: 03 Oct 2019 16:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tot Ion:105 Resp: 2212370

Ion Ratio Lower Upper

105 100

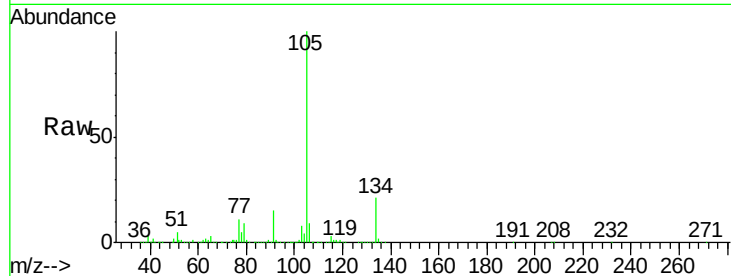
134 21.3 10.9 32.9

Manual Integrations

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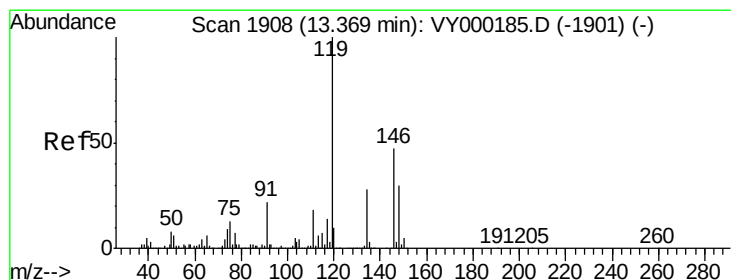
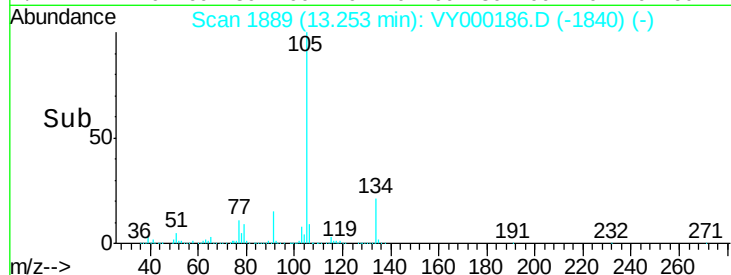
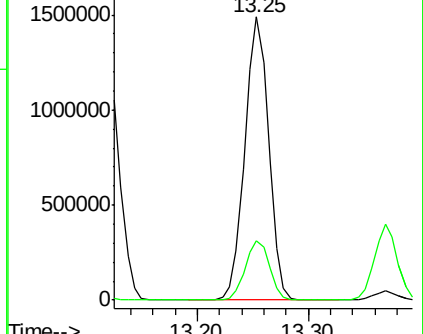
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 119.816 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY000186.D

Acq: 03 Oct 2019 16:24

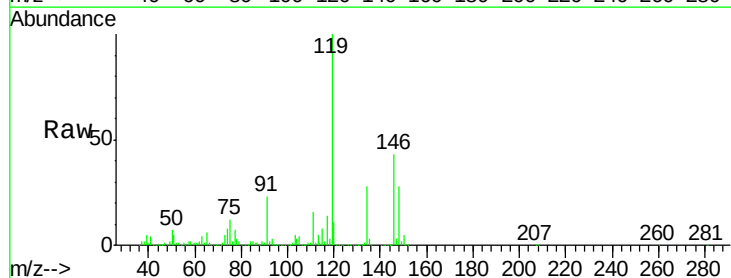
Tgt Ion:119 Resp: 2035029

Ion Ratio Lower Upper

119 100

134 27.9 14.1 42.2

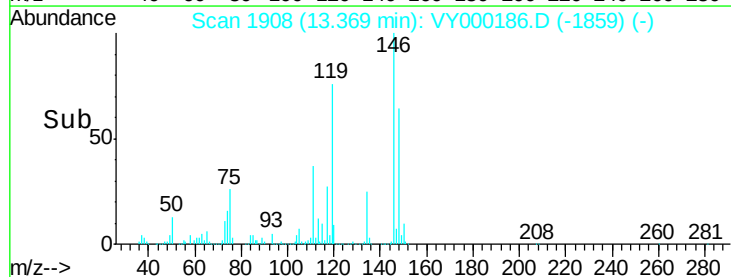
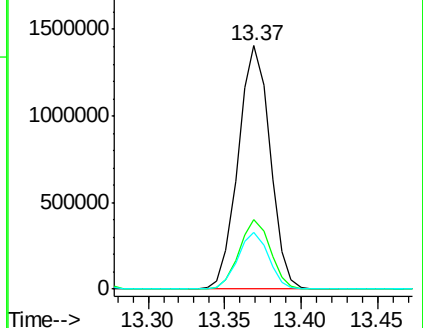
91 22.7 11.2 33.5

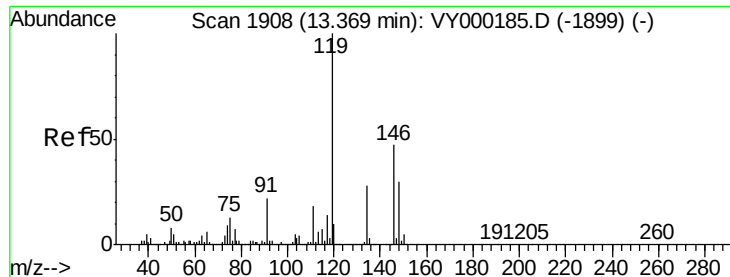


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





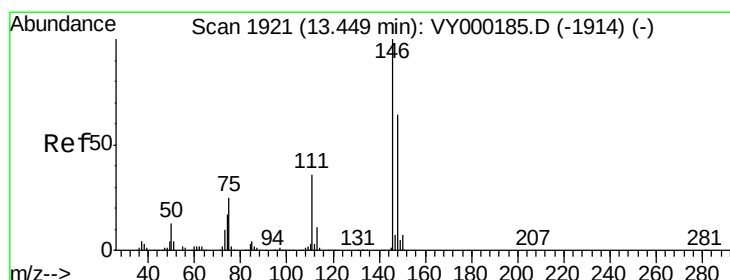
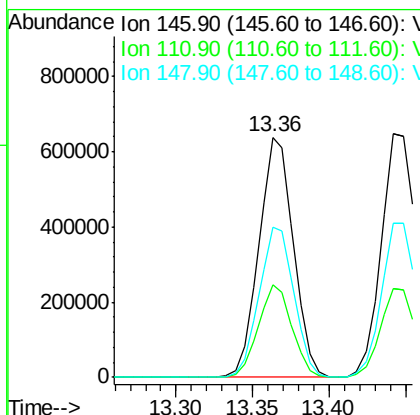
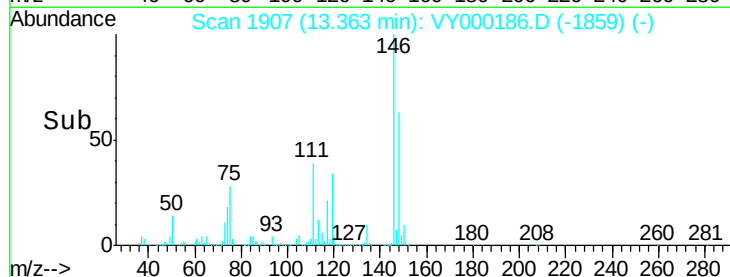
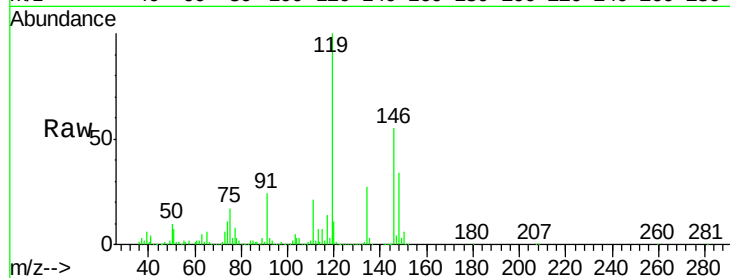
#87
 1,3-Dichlorobenzene
 Concen: 111.204 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.01 min
 Lab File: VY000186.D
 Acq: 03 Oct 2019 16:24

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

Tot Ion:146 Resp: 1000360
 Ion Ratio Lower Upper
 146 100
 111 37.7 18.9 56.7
 148 63.5 32.3 96.8

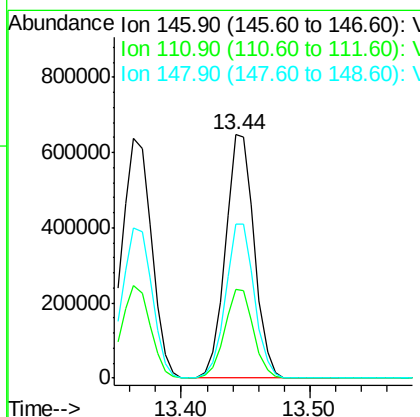
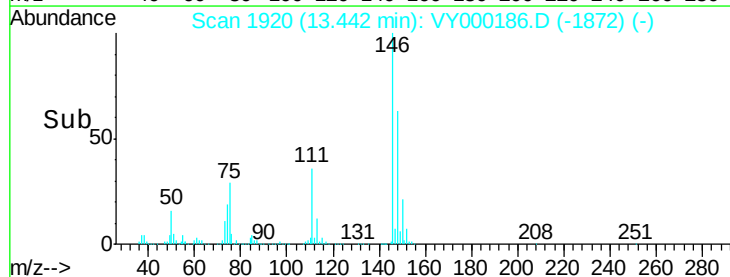
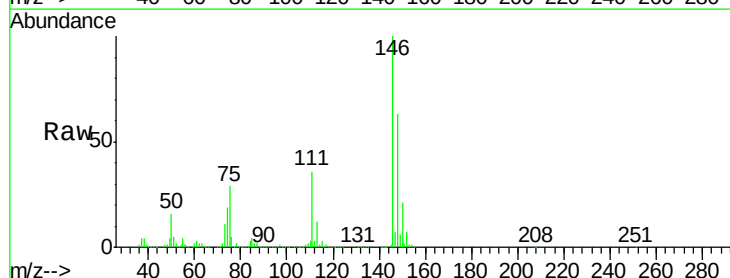
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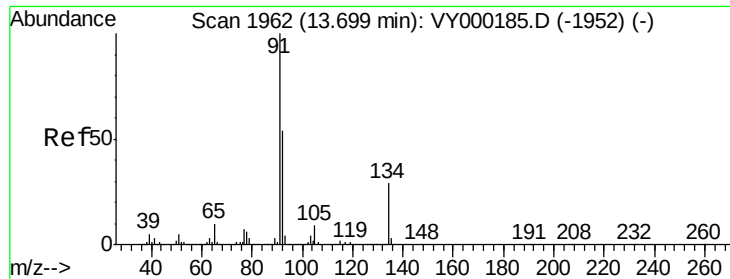
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#88
 1,4-Dichlorobenzene
 Concen: 107.966 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. -0.01 min
 Lab File: VY000186.D
 Acq: 03 Oct 2019 16:24

Tgt Ion:146 Resp: 1011140
 Ion Ratio Lower Upper
 146 100
 111 36.3 18.1 54.1
 148 63.1 32.3 96.8





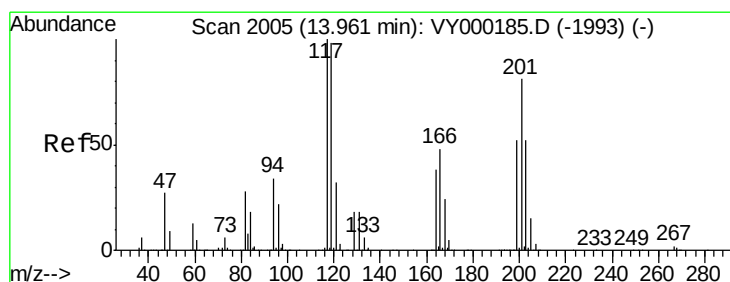
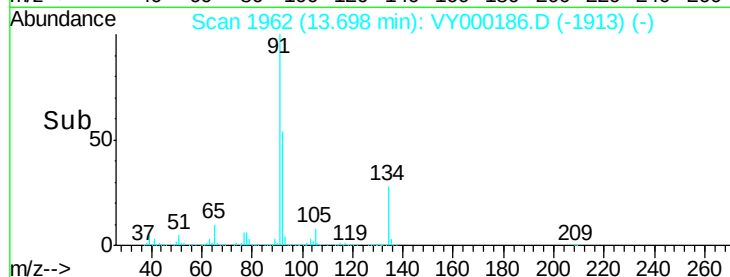
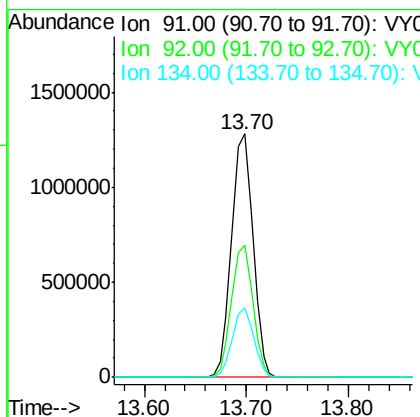
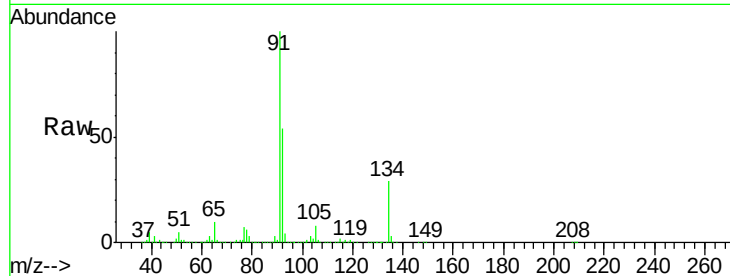
#89
n-Butylbenzene
Concen: 124.584 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. -0.00 min
Lab File: VY000186.D
Acq: 03 Oct 2019 16:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.2	27.1	81.3
134	28.3	14.4	43.0

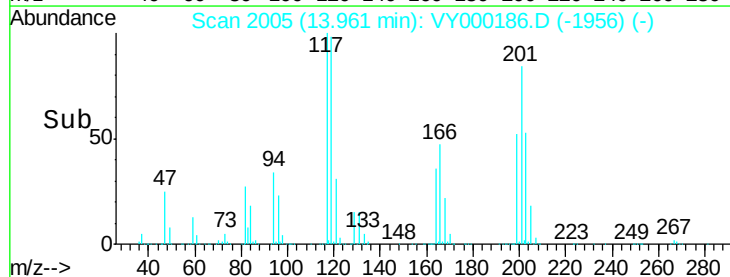
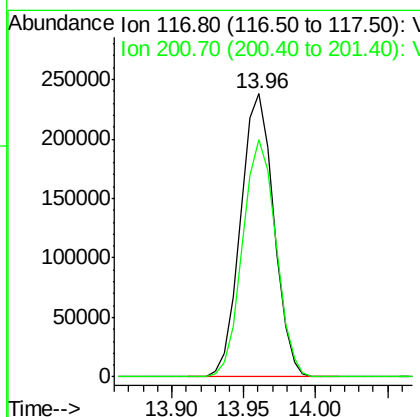
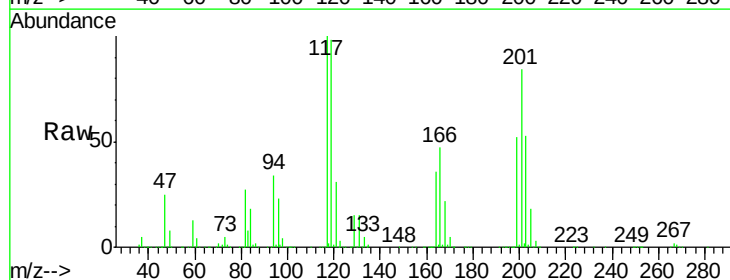
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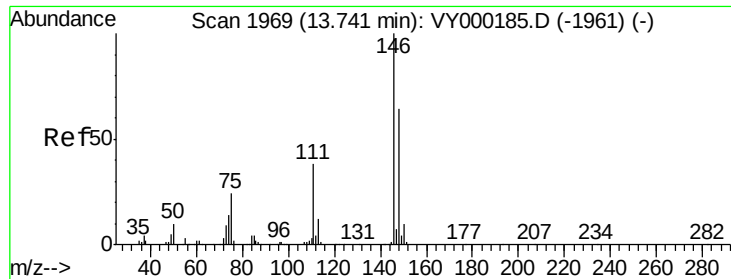
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#90
Hexachloroethane
Concen: 112.934 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.00 min
Lab File: VY000186.D
Acq: 03 Oct 2019 16:24

Tgt Ion	Ratio	Lower	Upper
117	100		
201	84.1	42.6	128.0





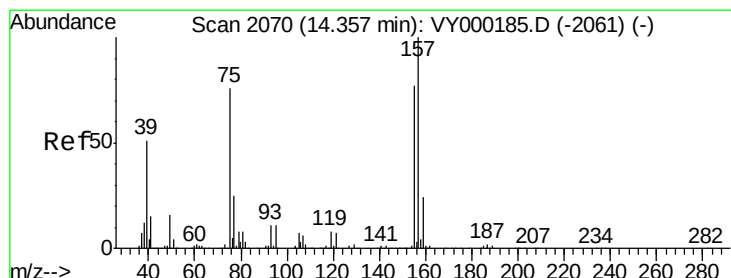
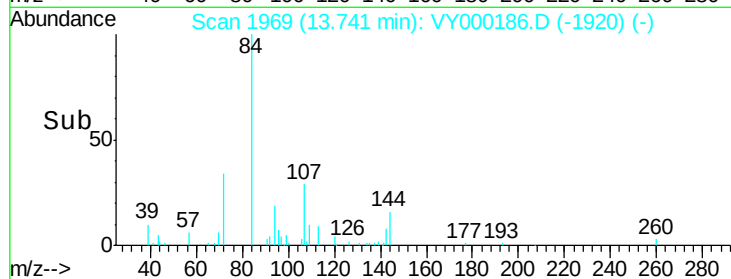
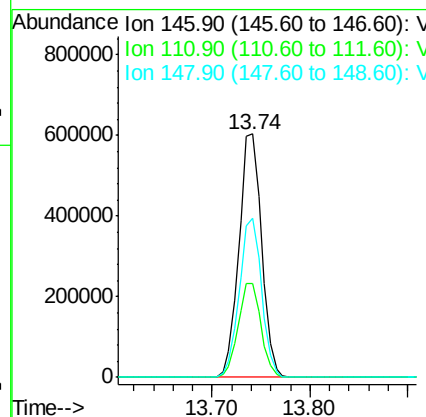
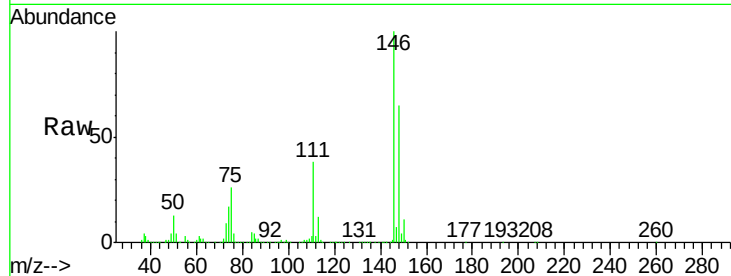
#91
 1,2-Dichlorobenzene
 Concen: 106.255 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. -0.00 min
 Lab File: VY000186.D
 Acq: 03 Oct 2019 16:24

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.7	19.4	58.2
148	64.4	32.1	96.5

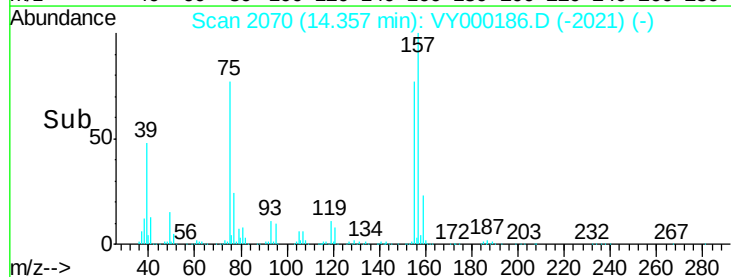
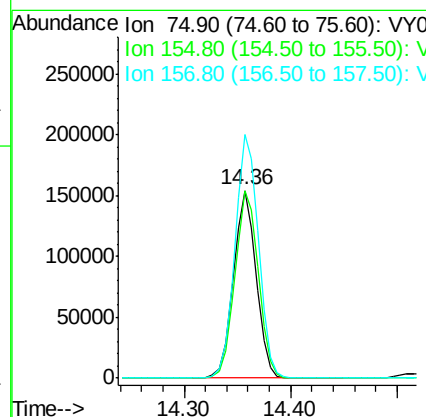
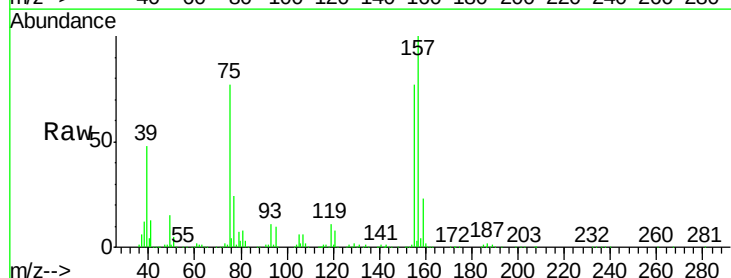
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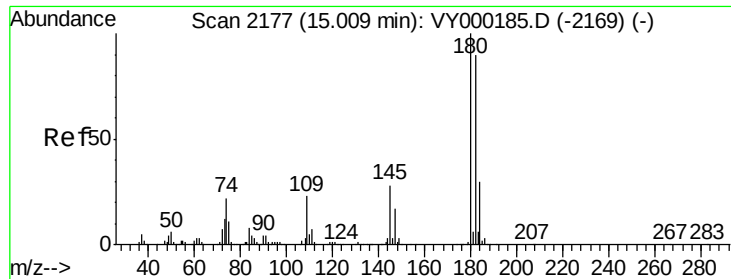
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 107.230 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. -0.00 min
 Lab File: VY000186.D
 Acq: 03 Oct 2019 16:24

Tgt Ion	Ratio	Lower	Upper
75	100		
155	103.0	52.3	157.1
157	133.5	66.8	200.3





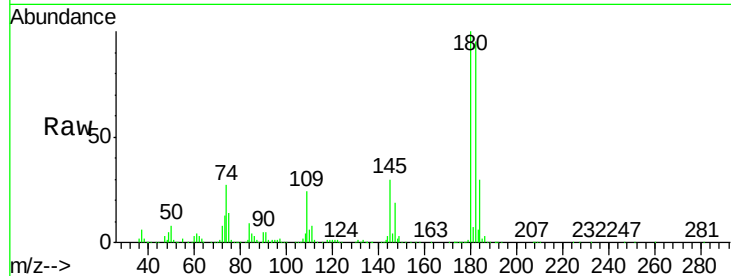
#93
 1,2,4-Trichlorobenzene
 Concen: 107.582 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. -0.01 min
 Lab File: VY000186.D
 Acq: 03 Oct 2019 16:24

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

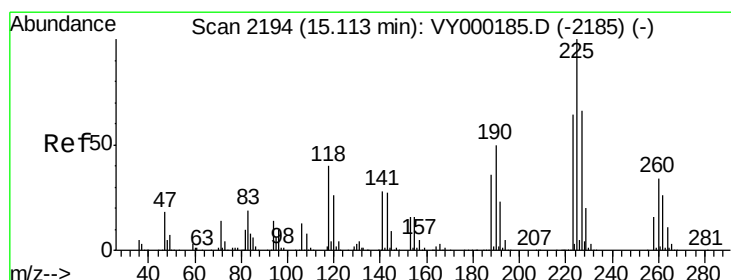
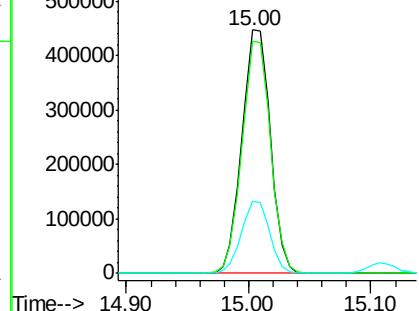
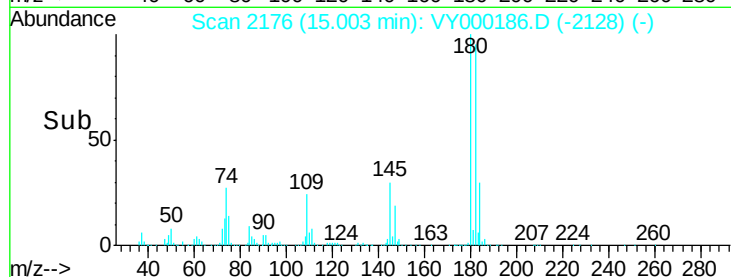
Tot Ion	Ratio	Resp	Lower	Upper
180	100	719720		
182	95.4	47.1	141.3	
145	29.4	14.4	43.2	

Manual Integrations
 APPROVED

MMDadoda
 10/7/2019 12:51:03 PM

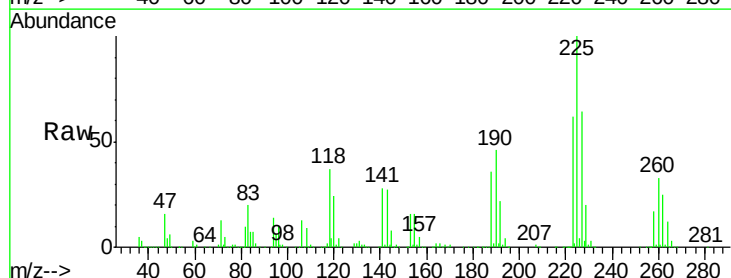


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

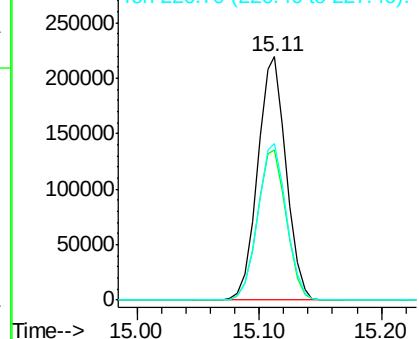
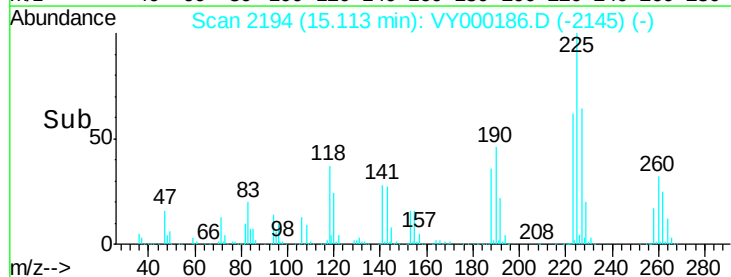


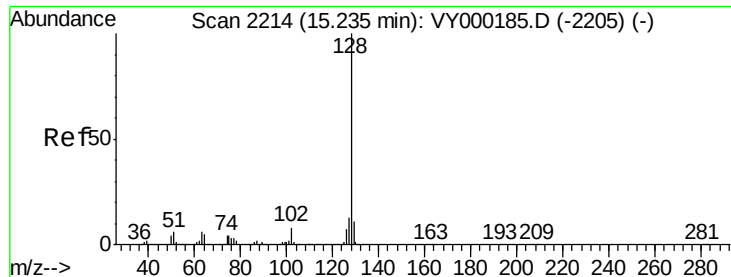
#94
 Hexachlorobutadiene
 Concen: 113.777 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. -0.00 min
 Lab File: VY000186.D
 Acq: 03 Oct 2019 16:24

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	353693		
223	63.0	31.9	95.9	
227	64.6	32.1	96.3	



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 108.232 ug/l

RT: 15.23 min Scan# 2214

Delta R.T. -0.00 min

Lab File: VY000186.D

Acq: 03 Oct 2019 16:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tot Ion:128 Resp: 2556527

Ion Ratio Lower Upper

128 100

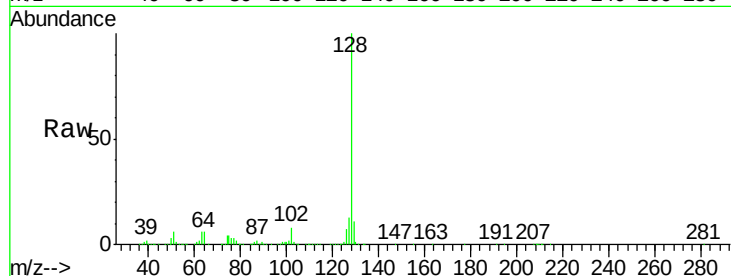
127 12.6 9.9 14.9

129 11.0 8.7 13.1

Manual Integrations
APPROVED

MMDadoda

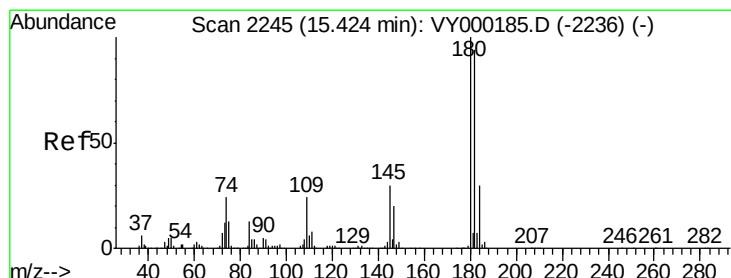
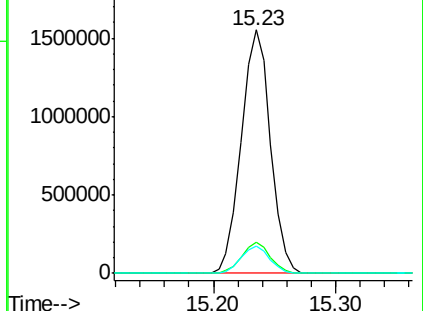
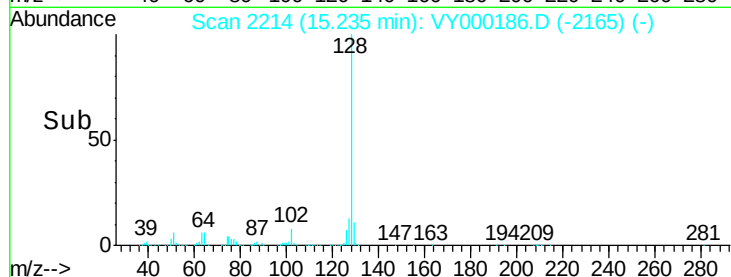
10/7/2019 12:51:03 PM



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 107.579 ug/l

RT: 15.42 min Scan# 2245

Delta R.T. -0.00 min

Lab File: VY000186.D

Acq: 03 Oct 2019 16:24

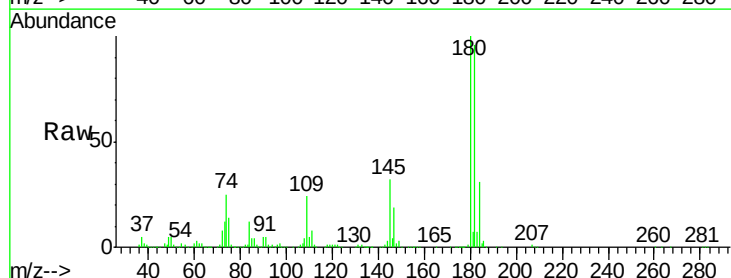
Tgt Ion:180 Resp: 711921

Ion Ratio Lower Upper

180 100

182 95.6 47.7 143.1

145 31.4 15.4 46.2



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

