

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY092319\
 Data File : VY000134.D
 Acq On : 23 Sep 2019 16:16
 Operator : SY/MD
 Sample : VY0923SBS01
 Misc : 5.00g/5.00ml/MSVOA Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0923SBS01

Manual Integrations
 APPROVED

MMDadoda
 9/25/2019 12:39:30 AM

Quant Time: Sep 24 05:31:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y092319S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 24 05:14:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.79	168	112579	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	219473	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	195419	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	84680	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	64837	50.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.20%	
35) Dibromofluoromethane	7.72	113	60762	48.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.44%	
50) Toluene-d8	10.18	98	255723	50.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.82%	
62) 4-Bromofluorobenzene	12.48	95	86085	46.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.28%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.90	85	24652	22.074	ug/l	95
3) Chloromethane	2.11	50	34609	16.542	ug/l	97
4) Vinyl Chloride	2.25	62	35330	20.412	ug/l	97
5) Bromomethane	2.62	94	22177	20.685	ug/l	98
6) Chloroethane	2.77	64	21859	20.442	ug/l #	87
7) Trichlorofluoromethane	3.12	101	40111	20.289	ug/l	94
8) Diethyl Ether	3.53	74	17715	20.903	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	3.89	101	25409	19.383	ug/l	93
10) Methyl Iodide	4.08	142	31074	18.478	ug/l	97
11) Tert butyl alcohol	4.96	59	14009	104.852	ug/l #	94
12) 1,1-Dichloroethene	3.86	96	27431	20.260	ug/l	94
13) Acrolein	3.73	56	8021	147.758	ug/l	88
14) Allyl chloride	4.48	41	39059	20.437	ug/l	97
15) Acrylonitrile	5.17	53	42861	104.332	ug/l	97
16) Acetone	3.96	43	25270	100.449	ug/l #	78
17) Carbon Disulfide	4.18	76	92342	19.795	ug/l	96
18) Methyl Acetate	4.48	43	19438	21.092	ug/l	98
19) Methyl tert-butyl Ether	5.22	73	71928	20.445	ug/l	94
20) Methylene Chloride	4.71	84	50402	29.813	ug/l	94
21) trans-1,2-Dichloroethene	5.21	96	30958	20.276	ug/l	97
22) Diisopropyl ether	6.11	45	82267	20.190	ug/l	94
23) Vinyl Acetate	6.06	43	275350	101.399	ug/l	99
24) 1,1-Dichloroethane	6.01	63	48056	19.798	ug/l	99
25) 2-Butanone	6.99	43	48047	102.941	ug/l	94
26) 2,2-Dichloropropane	6.98	77	40268	18.306	ug/l	98
27) cis-1,2-Dichloroethene	6.99	96	34338	20.206	ug/l	97
28) Bromochloromethane	7.33	49	18332	19.326	ug/l	100
29) Tetrahydrofuran	7.35	42	32391	102.479	ug/l	99
30) Chloroform	7.51	83	47838	19.576	ug/l	88
31) Cyclohexane	7.78	56	49499	19.665	ug/l	91
32) 1,1,1-Trichloroethane	7.70	97	39002	19.399	ug/l	99
36) 1,1-Dichloropropene	7.92	75	40511	19.935	ug/l	98
37) Ethyl Acetate	7.07	43	21541	20.072	ug/l	96
38) Carbon Tetrachloride	7.90	117	34243	19.634	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.18	83	53677	19.205	ug/l	98
40) Benzene	8.16	78	126466	20.164	ug/l	99
41) Methacrylonitrile	7.31	41	11172m	21.144	ug/l	
42) 1,2-Dichloroethane	8.24	62	32611	20.390	ug/l	97
43) Isopropyl Acetate	8.28	43	42819	19.947	ug/l	99
44) Trichloroethene	8.93	130	31744	20.384	ug/l	95
45) 1,2-Dichloropropane	9.22	63	29370	19.388	ug/l	97
46) Dibromomethane	9.30	93	17030	20.214	ug/l	96
47) Bromodichloromethane	9.49	83	37581	19.482	ug/l	93
48) Methyl methacrylate	9.29	41	18111	19.743	ug/l	97
49) 1,4-Dioxane	9.29	88	5395	405.628	ug/l #	82
51) 4-Methyl-2-Pentanone	10.07	43	110994	101.472	ug/l	100
52) Toluene	10.24	92	78834	20.341	ug/l	95
53) t-1,3-Dichloropropene	10.46	75	39378	18.721	ug/l	94
54) cis-1,3-Dichloropropene	9.93	75	48455	19.869	ug/l	93
55) 1,1,2-Trichloroethane	10.64	97	23482	19.463	ug/l	94
56) Ethyl methacrylate	10.51	69	34005	20.010	ug/l	99
57) 1,3-Dichloropropane	10.79	76	42533	20.278	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.78	63	85812	102.278	ug/l	100
59) 2-Hexanone	10.83	43	75434	98.453	ug/l	99
60) Dibromochloromethane	10.98	129	24766	19.641	ug/l	97
61) 1,2-Dibromoethane	11.09	107	23043	20.323	ug/l	100
64) Tetrachloroethene	10.71	164	28970	19.476	ug/l	86
65) Chlorobenzene	11.51	112	78875	19.883	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.59	131	24000	18.828	ug/l	97
67) Ethyl Benzene	11.59	91	143379	19.884	ug/l	100
68) m/p-Xylenes	11.70	106	107018	38.485	ug/l	96
69) o-Xylene	12.02	106	51981	19.555	ug/l	98
70) Styrene	12.04	104	88028	19.599	ug/l	98
71) Bromoform	12.20	173	14276	19.836	ug/l #	99
73) Isopropylbenzene	12.32	105	134062	19.884	ug/l	100
74) N-amyl acetate	12.14	43	36559	19.456	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.58	83	27310	20.287	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	15559m	17.533	ug/l	
77) Bromobenzene	12.60	156	27693	19.642	ug/l	98
78) n-propylbenzene	12.66	91	162185	19.450	ug/l	100
79) 2-Chlorotoluene	12.75	91	88500	19.334	ug/l	99
80) 1,3,5-Trimethylbenzene	12.80	105	108341	19.202	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.37	75	10433	19.324	ug/l #	89
82) 4-Chlorotoluene	12.85	91	94883	20.097	ug/l	97
83) tert-Butylbenzene	13.07	119	91473	19.791	ug/l	98
84) 1,2,4-Trimethylbenzene	13.12	105	109626	19.469	ug/l	98
85) sec-Butylbenzene	13.25	105	133479	19.319	ug/l	100
86) p-Isopropyltoluene	13.37	119	115378	19.586	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	54846	19.882	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	56839	20.186	ug/l	97
89) n-Butylbenzene	13.69	91	119224	19.730	ug/l	100
90) Hexachloroethane	13.95	117	21411	18.353	ug/l	92
91) 1,2-Dichlorobenzene	13.73	146	51333	19.725	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.35	75	5083	20.543	ug/l	88

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Instrument :
MSVOA_Y
ClientSampleId :
VY0923SBSD01

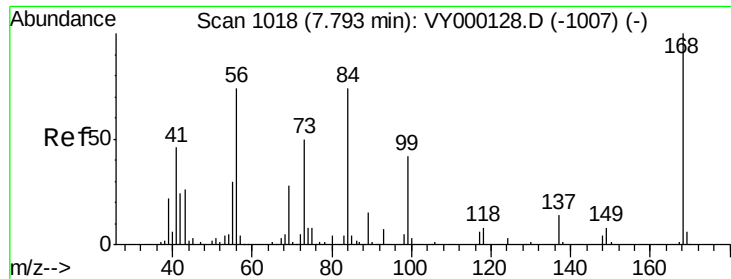
Manual Integrations
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MMDadoda
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	32206	19.248	ug/l	95
94) Hexachlorobutadiene	15.10	225	15589	20.962	ug/l	94
95) Naphthalene	15.23	128	84916	20.076	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	29301	19.634	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.79 min Scan# 1018

Delta R.T. 0.00 min

Lab File: VY000134.D

Acq: 23 Sep 2019 16:16

Instrument :

MSVOA_Y

ClientSampleId :

VY0923SBS01

Tot Ion:168 Resp: 112579

Ion Ratio Lower Upper

168 100

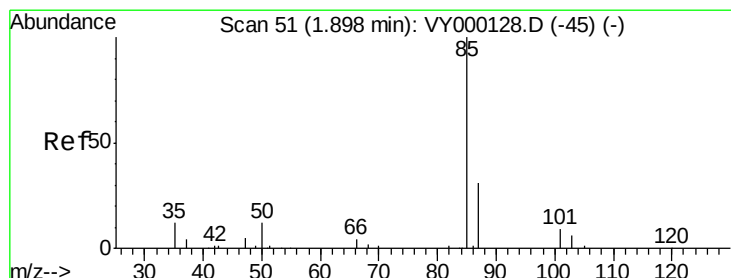
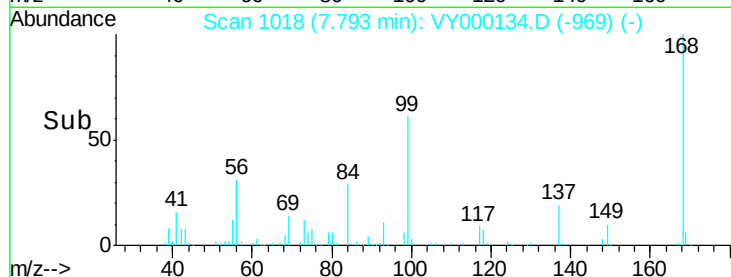
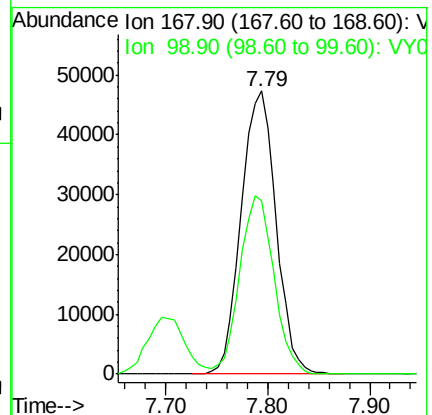
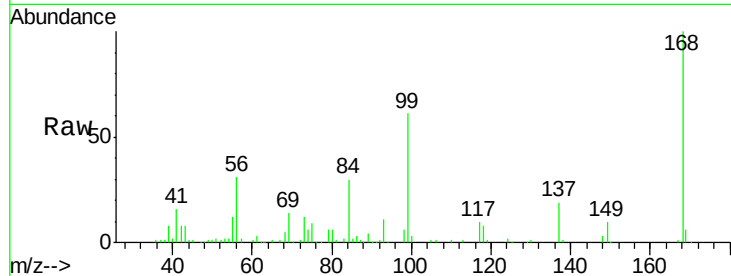
99 61.4 49.9 74.9

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 22.074 ug/l

RT: 1.90 min Scan# 51

Delta R.T. 0.00 min

Lab File: VY000134.D

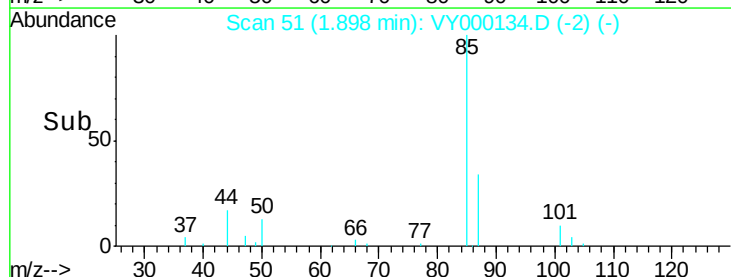
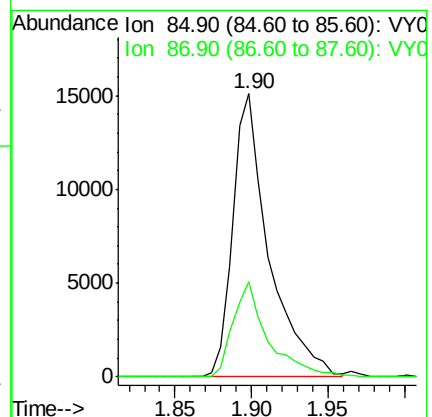
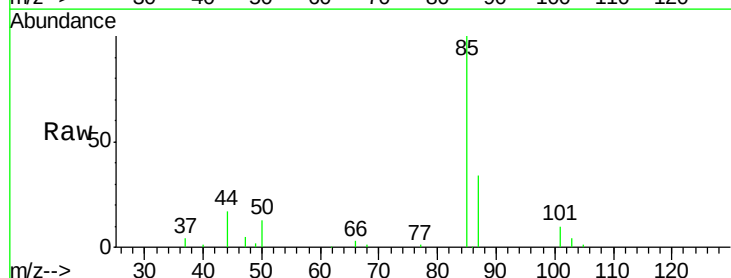
Acq: 23 Sep 2019 16:16

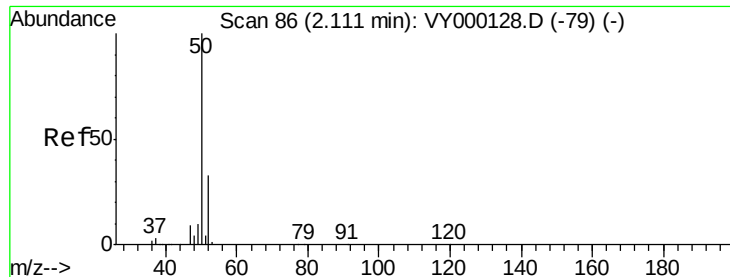
Tgt Ion: 85 Resp: 24652

Ion Ratio Lower Upper

85 100

87 33.9 15.4 46.4





#3

Chloromethane

Concen: 16.542 ug/l

RT: 2.11 min Scan# 86

Delta R.T. 0.00 min

Lab File: VY000134.D

Acq: 23 Sep 2019 16:16

Instrument :

MSVOA_Y

ClientSampleId :

VY0923SBS01

Tot Ion: 50 Resp: 34609

Ion Ratio Lower Upper

50 100

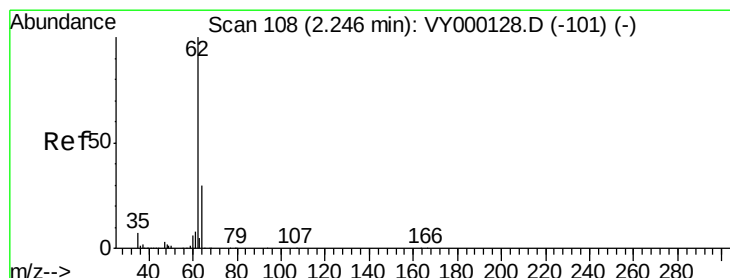
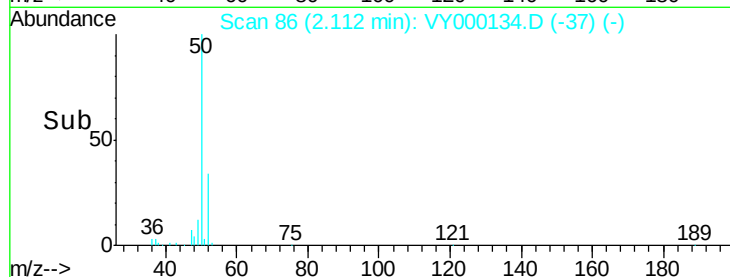
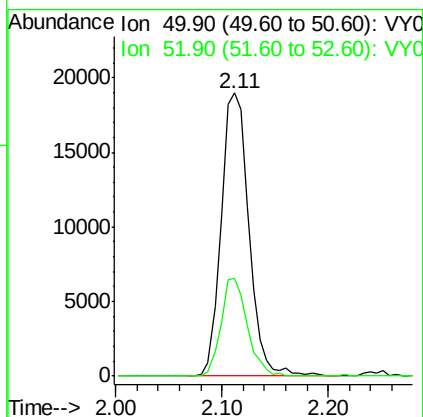
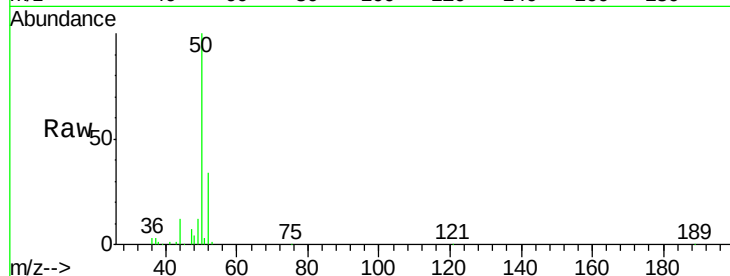
52 34.4 26.2 39.4

Manual Integrations

APPROVED

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#4

Vinyl Chloride

Concen: 20.412 ug/l

RT: 2.25 min Scan# 108

Delta R.T. 0.00 min

Lab File: VY000134.D

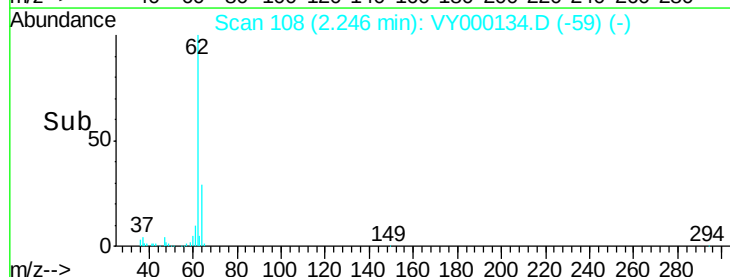
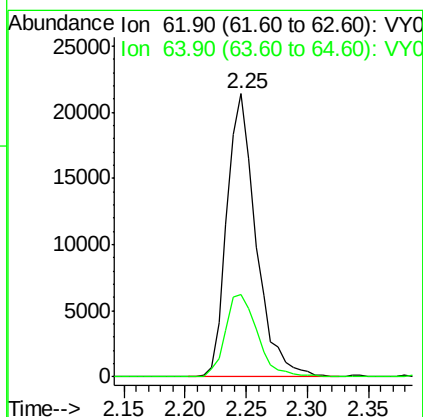
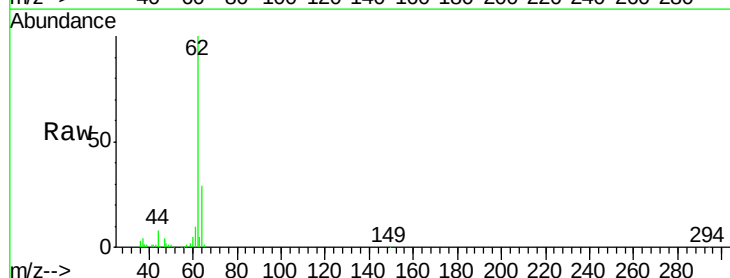
Acq: 23 Sep 2019 16:16

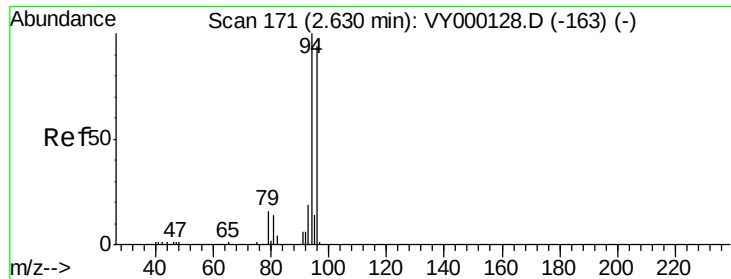
Tgt Ion: 62 Resp: 35330

Ion Ratio Lower Upper

62 100

64 29.0 24.4 36.6





#5

Bromomethane

Concen: 20.685 ug/l

RT: 2.62 min Scan# 169

Delta R.T. -0.01 min

Lab File: VY000134.D

Acq: 23 Sep 2019 16:16

Instrument :

MSVOA_Y

ClientSampleId :

VY0923SBS01

Tot Ion: 94 Resp: 22177

Ion Ratio Lower Upper

94 100

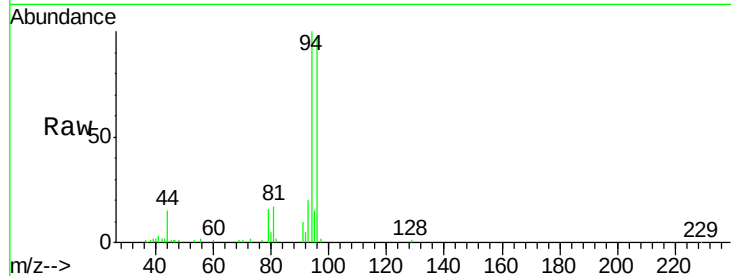
96 95.9 75.1 112.7

Manual Integrations

APPROVED

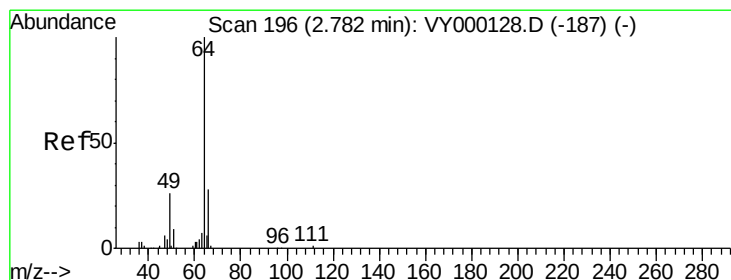
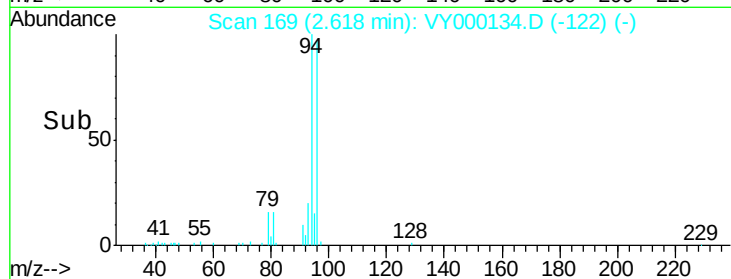
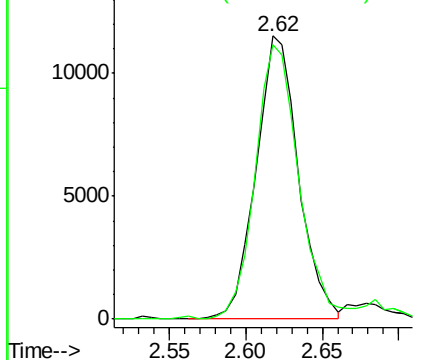
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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 20.442 ug/l

RT: 2.77 min Scan# 194

Delta R.T. -0.01 min

Lab File: VY000134.D

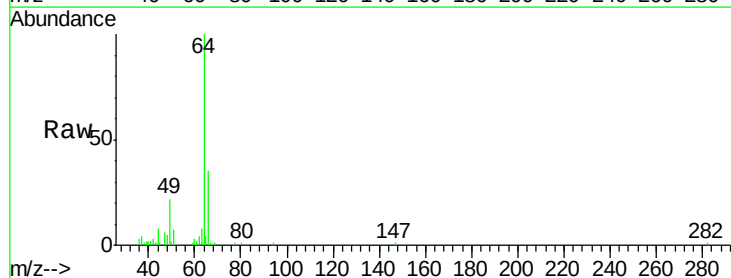
Acq: 23 Sep 2019 16:16

Tgt Ion: 64 Resp: 21859

Ion Ratio Lower Upper

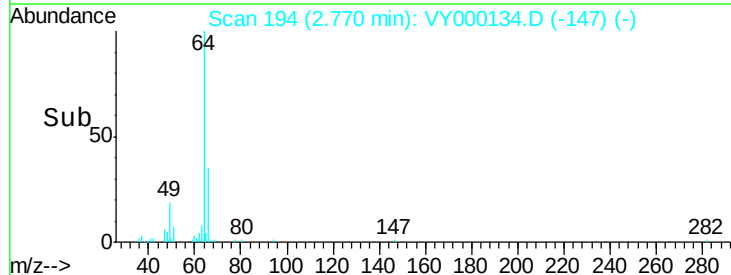
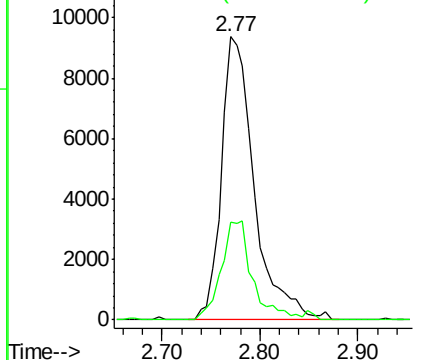
64 100

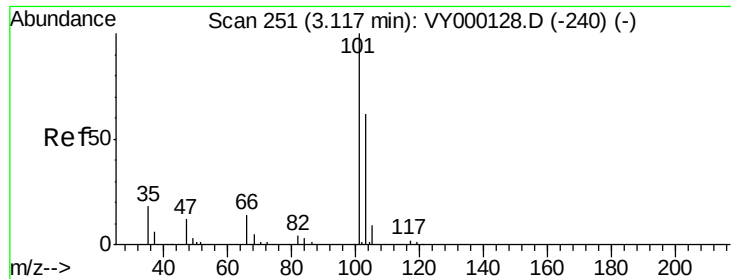
66 34.7 22.4 33.6#



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

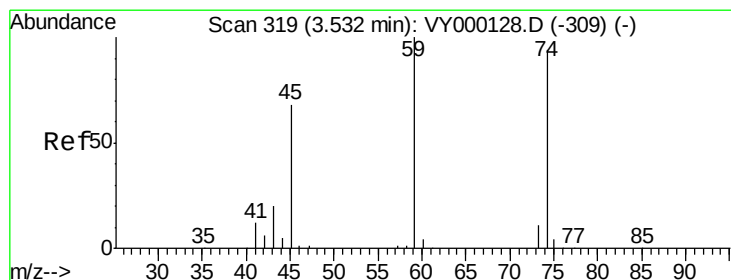
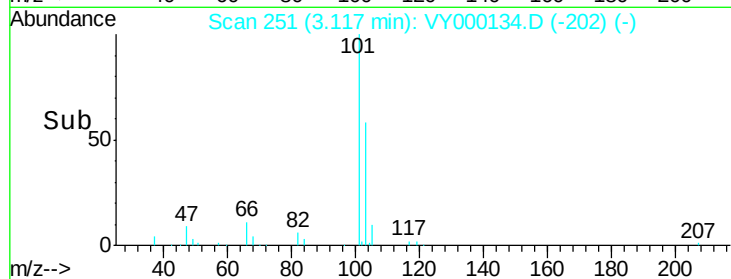
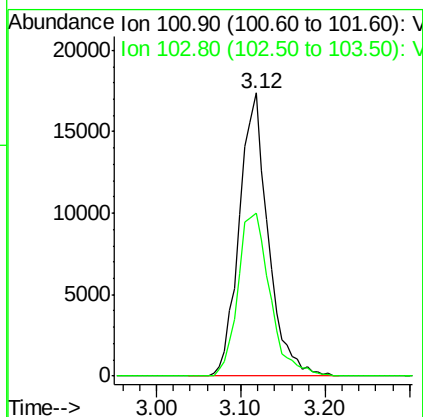
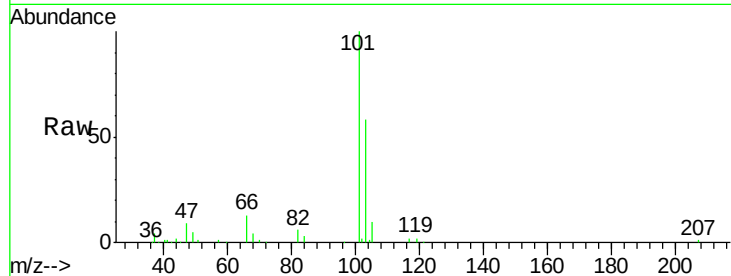
Trichlorofluoromethane
Concen: 20.289 ug/l
RT: 3.12 min Scan# 251
Delta R.T. 0.00 min
Lab File: VY000134.D
Acq: 23 Sep 2019 16:16

Instrument :
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ClientSampleId :
VY0923SBS01

Tot Ion	Ratio	Resp	Lower	Upper
101	100	40111		
103	57.6		49.9	74.9

Manual Integrations
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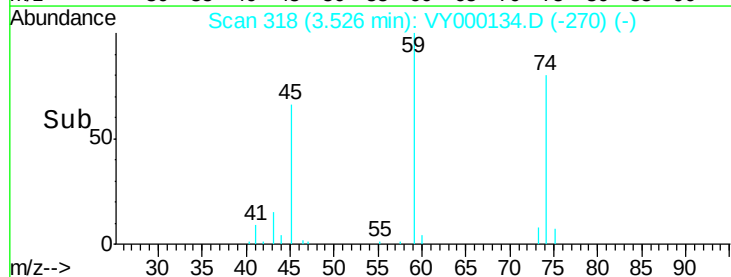
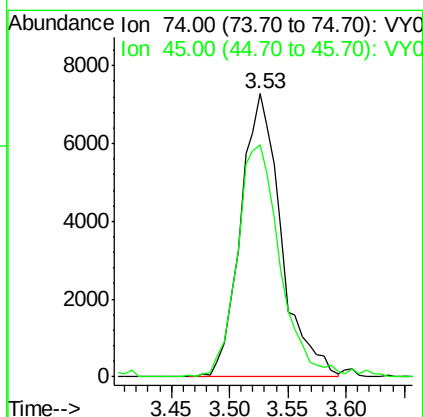
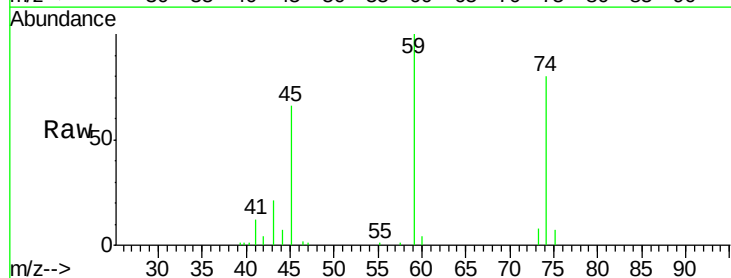
MMDadoda
9/25/2019 12:39:30 AM

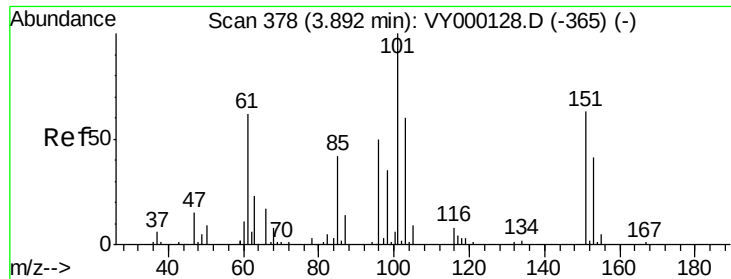


#8

Diethyl Ether
Concen: 20.903 ug/l
RT: 3.53 min Scan# 318
Delta R.T. -0.01 min
Lab File: VY000134.D
Acq: 23 Sep 2019 16:16

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	17715		
45	86.2		40.1	120.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.383 ug/l

RT: 3.89 min Scan# 378

Delta R.T. 0.00 min

Lab File: VY000134.D

Acq: 23 Sep 2019 16:16

Instrument :

MSVOA_Y

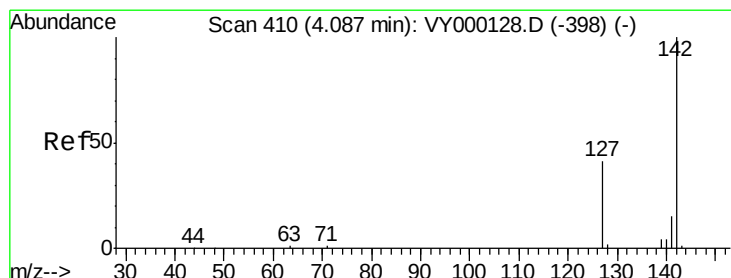
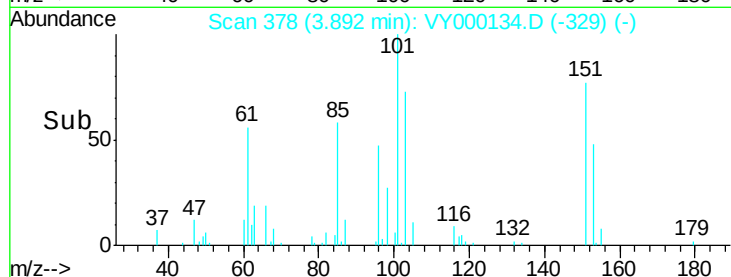
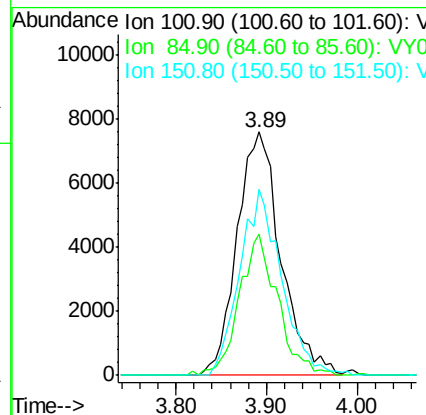
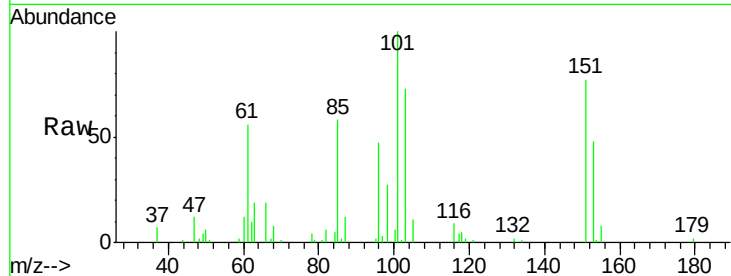
ClientSampleId :

VY0923SBS01

Tot Ion:	101	Resp:	25409
Ion Ratio	Lower	Upper	
101	100		
85	50.7	36.7	55.1
151	73.0	53.9	80.9

Manual Integrations
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#10

Methyl Iodide

Concen: 18.478 ug/l

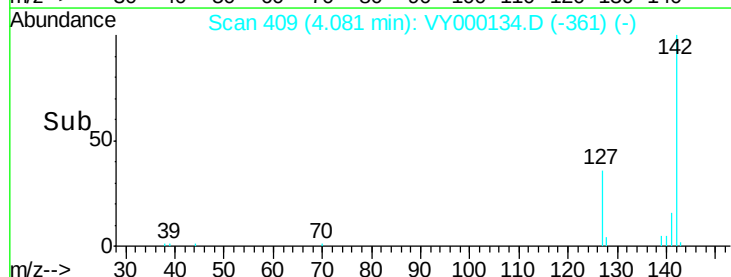
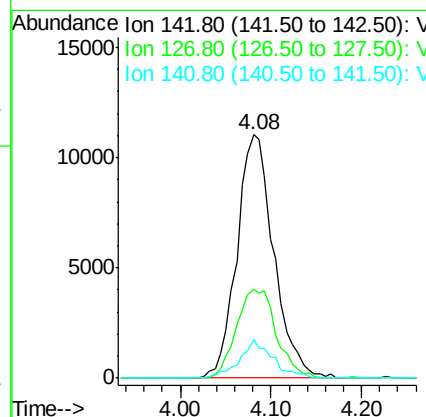
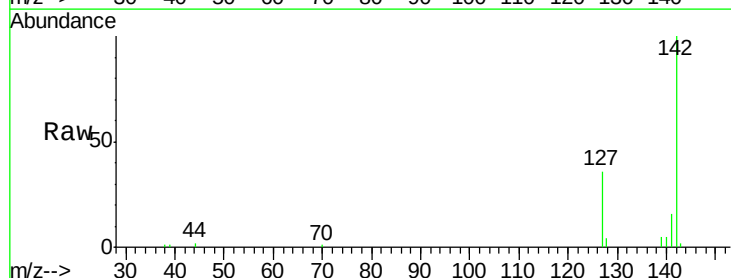
RT: 4.08 min Scan# 409

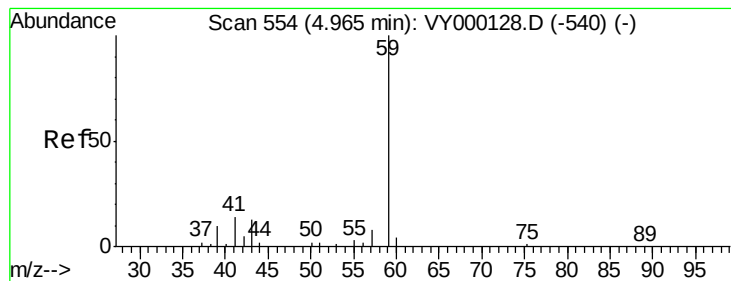
Delta R.T. -0.01 min

Lab File: VY000134.D

Acq: 23 Sep 2019 16:16

Tgt Ion:	142	Resp:	31074
Ion Ratio	Lower	Upper	
142	100		
127	39.2	32.8	49.2
141	14.3	10.8	16.2





#11

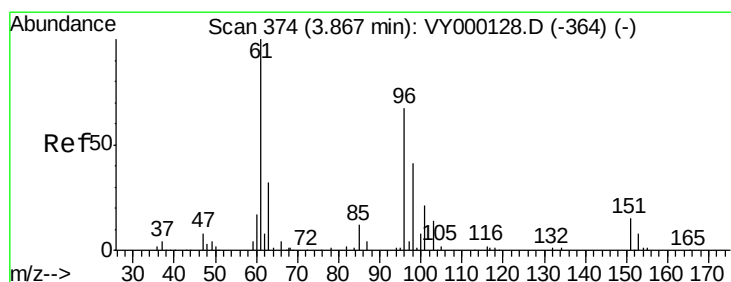
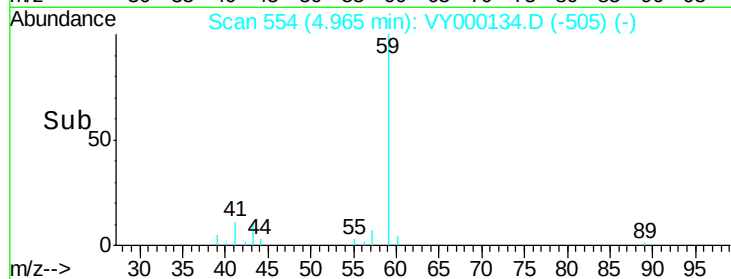
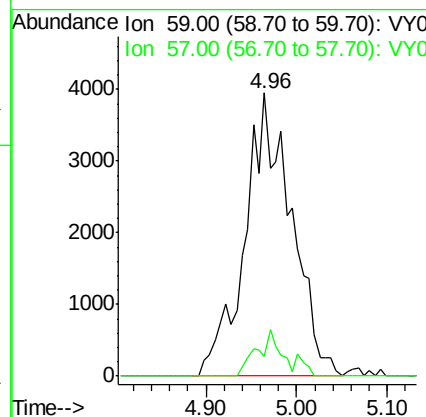
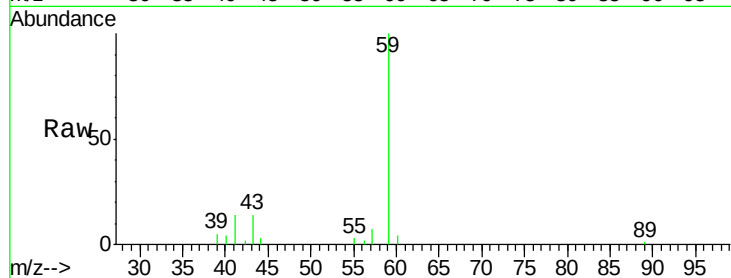
Tert butyl alcohol
Concen: 104.852 ug/l
RT: 4.96 min Scan# 554
Delta R.T. 0.00 min
Lab File: VY000134.D
Acq: 23 Sep 2019 16:16

Instrument :
MSVOA_Y
ClientSampleId :
VY0923SBS01

Tot Ion	59	57	Ratio	100	8.1	Resp:	14009	Lower	8.2	Upper	12.4#

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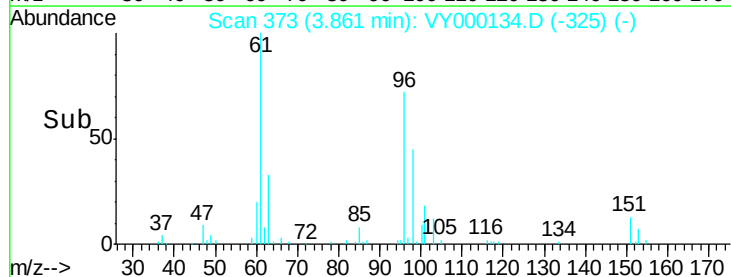
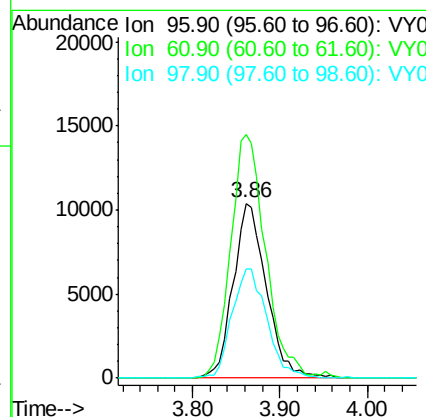
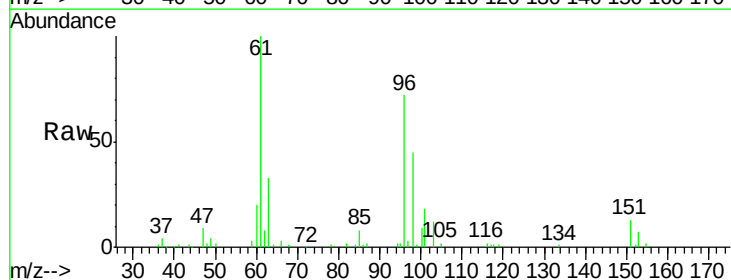
MMDadoda
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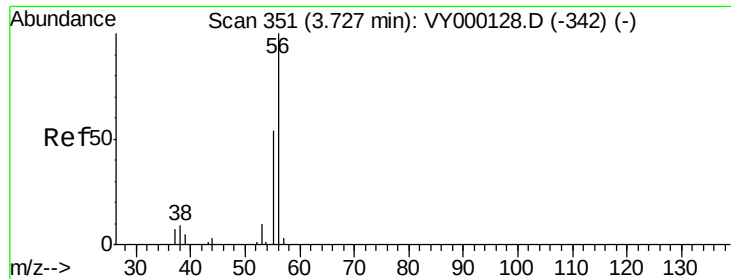


#12

1,1-Dichloroethene
Concen: 20.260 ug/l
RT: 3.86 min Scan# 373
Delta R.T. -0.01 min
Lab File: VY000134.D
Acq: 23 Sep 2019 16:16

Tgt Ion	96	61	98	Ratio	100	139.3	62.6	Resp:	27431	Lower	119.8	48.8	Upper	179.6	73.2





#13

Acrolein

Concen: 147.758 ug/l

RT: 3.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VY000134.D

Acq: 23 Sep 2019 16:16

Instrument :

MSVOA_Y

ClientSampleId :

VY0923SBS01

Tot Ion: 56 Resp: 8021

Ion Ratio Lower Upper

56 100

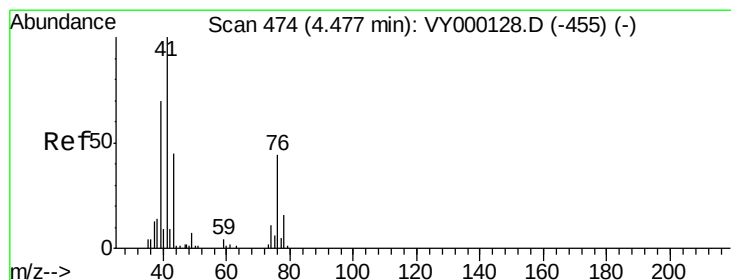
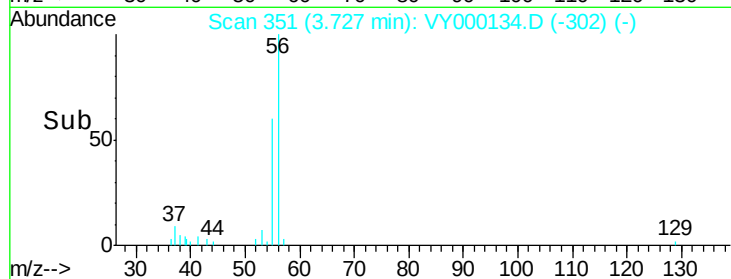
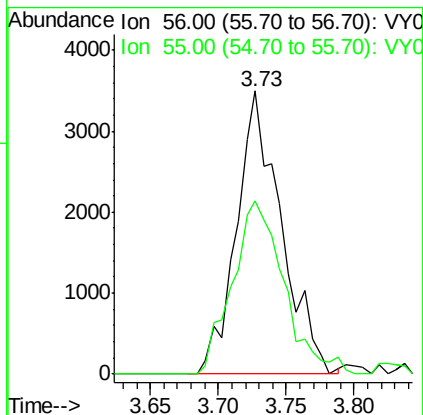
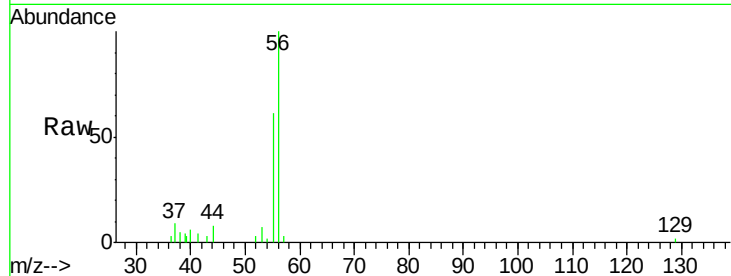
55 70.7 49.4 74.0

Manual Integrations

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#14

Allyl chloride

Concen: 20.437 ug/l

RT: 4.48 min Scan# 474

Delta R.T. 0.00 min

Lab File: VY000134.D

Acq: 23 Sep 2019 16:16

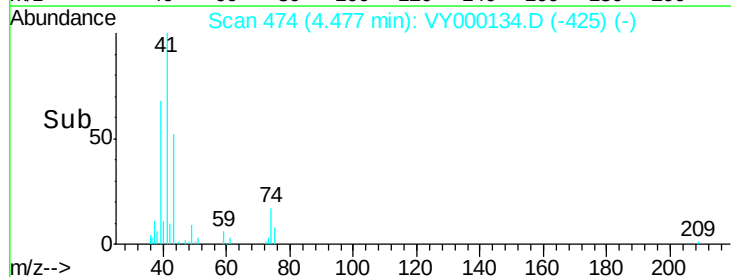
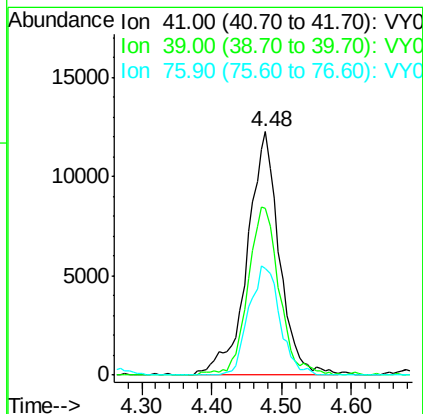
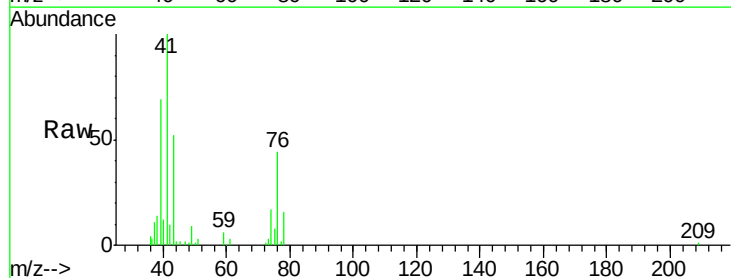
Tgt Ion: 41 Resp: 39059

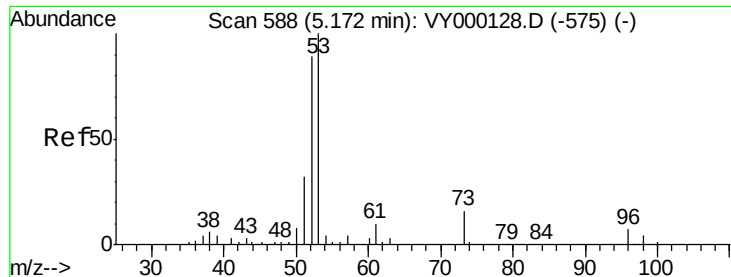
Ion Ratio Lower Upper

41 100

39 67.7 52.7 79.1

76 43.7 36.6 55.0





#15

Acrylonitrile

Concen: 104.332 ug/l

RT: 5.17 min Scan# 587

Delta R.T. -0.01 min

Lab File: VY000134.D

Acq: 23 Sep 2019 16:16

Instrument :

MSVOA_Y

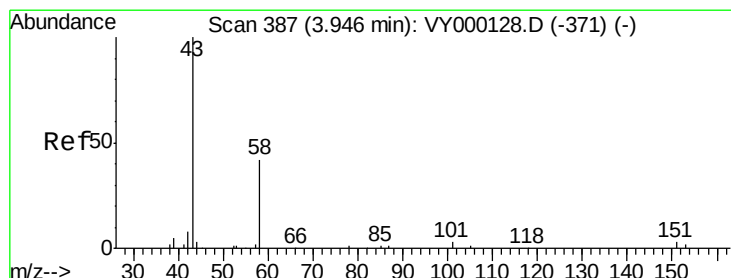
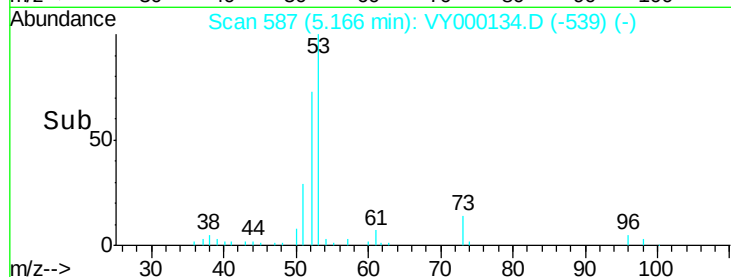
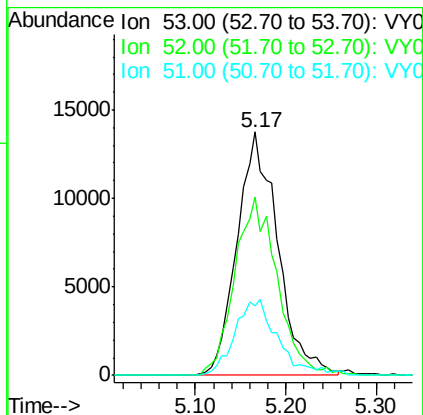
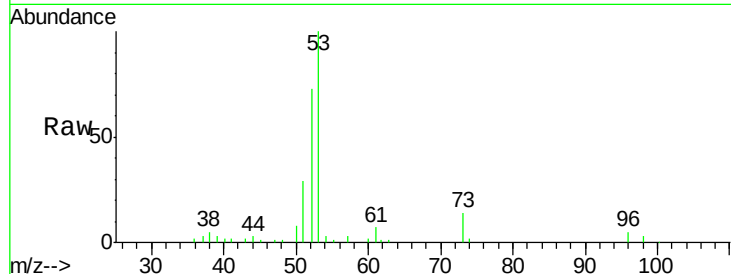
ClientSampleId :

VY0923SBS01

Tot Ion:	53	Resp:	42861
Ion	Ratio	Lower	Upper
53	100		
52	76.6	63.8	95.8
51	33.0	26.6	40.0

Manual Integrations
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#16

Acetone

Concen: 100.449 ug/l

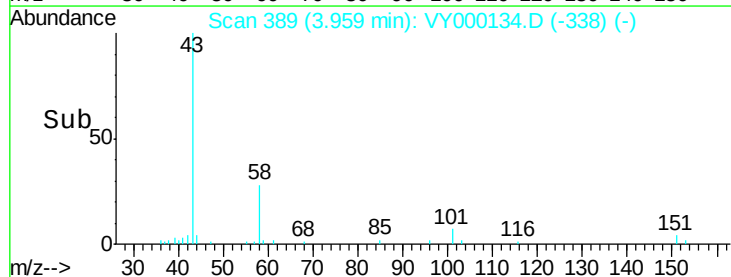
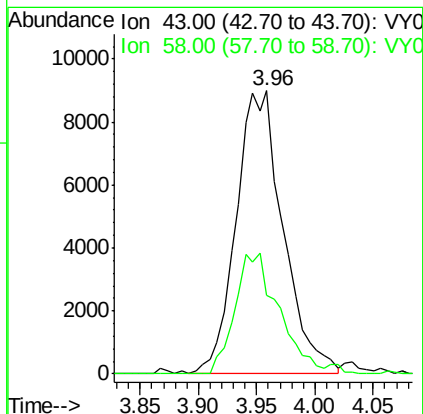
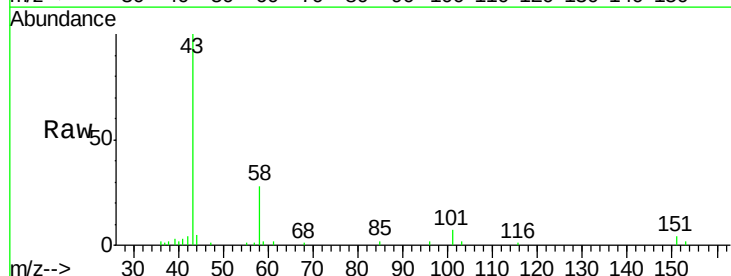
RT: 3.96 min Scan# 389

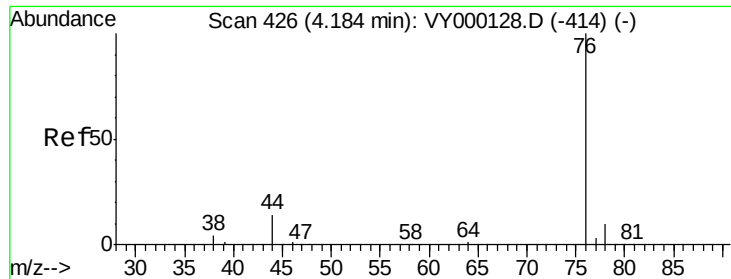
Delta R.T. 0.01 min

Lab File: VY000134.D

Acq: 23 Sep 2019 16:16

Tgt Ion:	43	Resp:	25270
Ion	Ratio	Lower	Upper
43	100		
58	27.9	33.5	50.3#





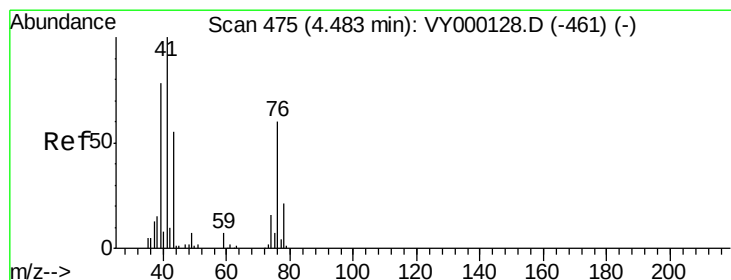
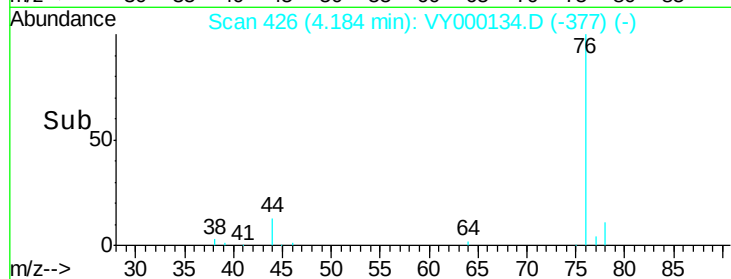
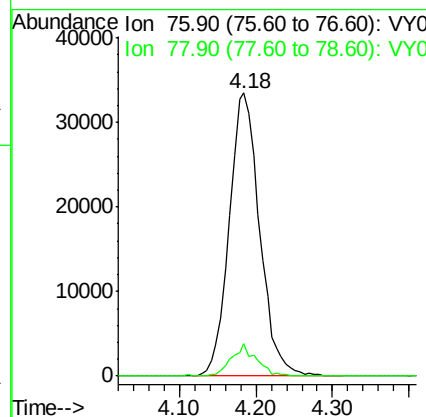
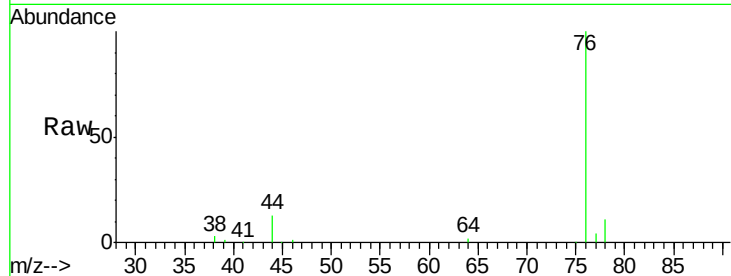
#17
Carbon Disulfide
Concen: 19.795 ug/l
RT: 4.18 min Scan# 426
Delta R.T. 0.00 min
Lab File: VY000134.D
Acq: 23 Sep 2019 16:16

Instrument :
MSVOA_Y
ClientSampleId :
VY0923SBS01

Tot Ion: 76 Resp: 92342
Ion Ratio Lower Upper
76 100
78 11.4 7.9 11.9

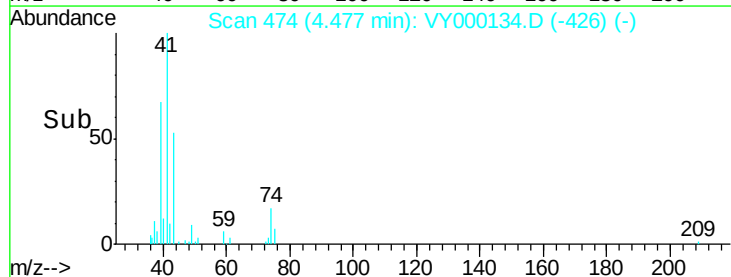
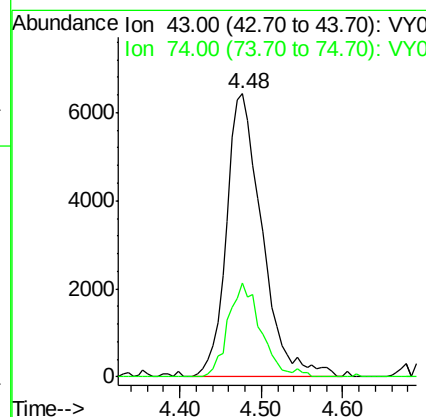
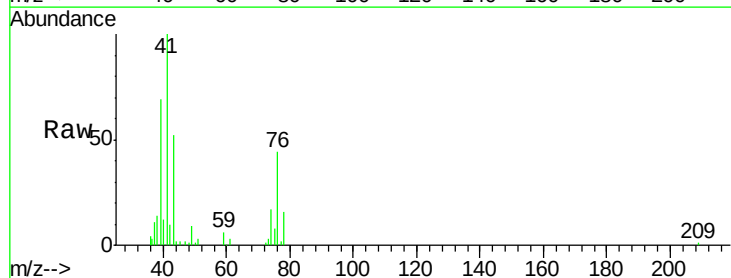
Manual Integrations
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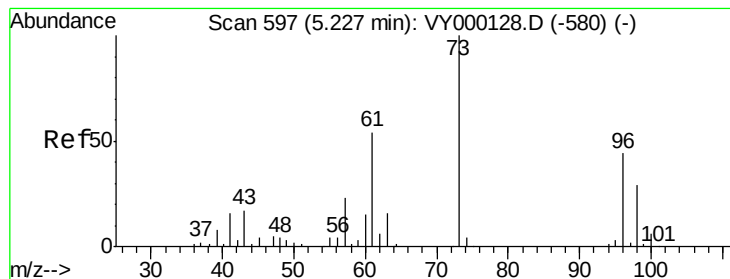
MMDadoda
9/25/2019 12:39:30 AM



#18
Methyl Acetate
Concen: 21.092 ug/l
RT: 4.48 min Scan# 474
Delta R.T. -0.01 min
Lab File: VY000134.D
Acq: 23 Sep 2019 16:16

Tgt Ion: 43 Resp: 19438
Ion Ratio Lower Upper
43 100
74 29.7 22.7 34.1





#19

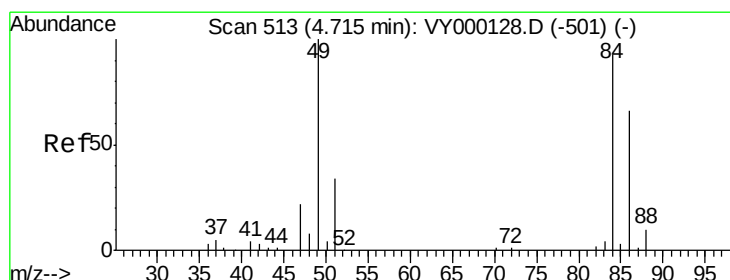
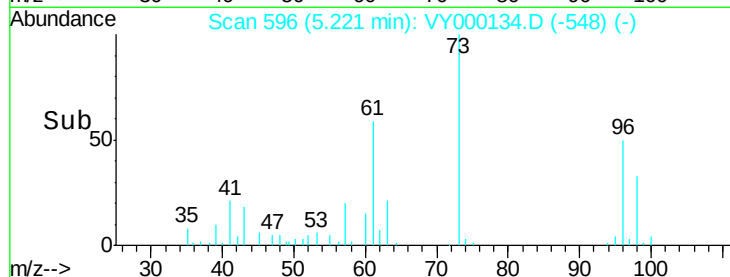
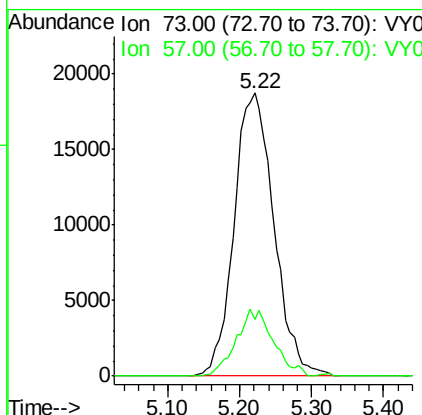
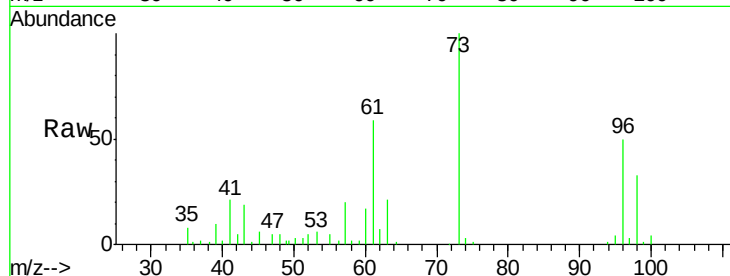
Methyl tert-butyl Ether
 Concen: 20.445 ug/l
 RT: 5.22 min Scan# 596
 Delta R.T. -0.01 min
 Lab File: VY000134.D
 Acq: 23 Sep 2019 16:16

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0923SBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	19.9	18.3	27.5

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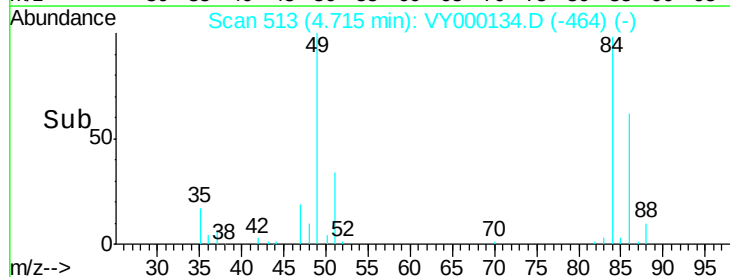
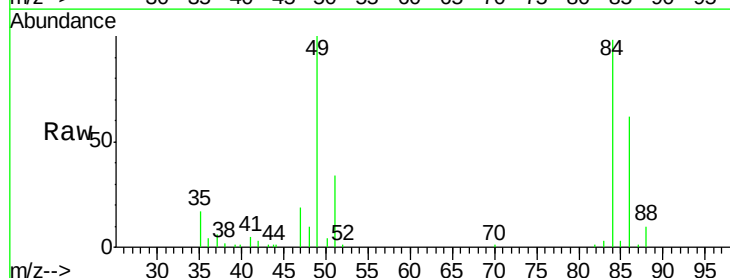
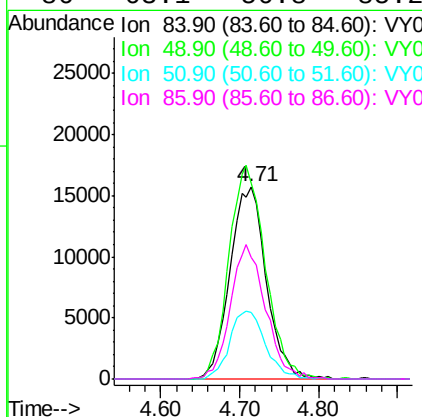
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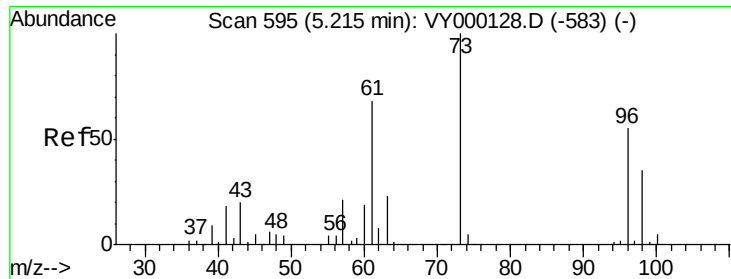


#20

Methylene Chloride
 Concen: 29.813 ug/l
 RT: 4.71 min Scan# 513
 Delta R.T. 0.00 min
 Lab File: VY000134.D
 Acq: 23 Sep 2019 16:16

Tgt Ion	Ratio	Lower	Upper
84	100		
49	102.1	85.8	128.6
51	34.3	29.2	43.8
86	63.1	56.8	85.2





#21

trans-1,2-Dichloroethene

Concen: 20.276 ug/l

RT: 5.21 min Scan# 595

Delta R.T. 0.00 min

Lab File: VY000134.D

Acq: 23 Sep 2019 16:16

Instrument :

MSVOA_Y

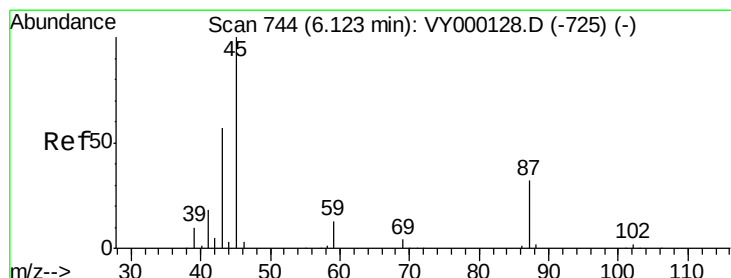
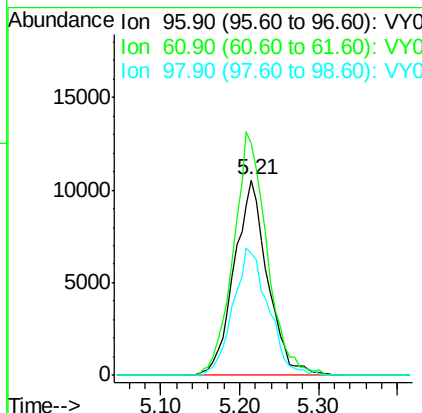
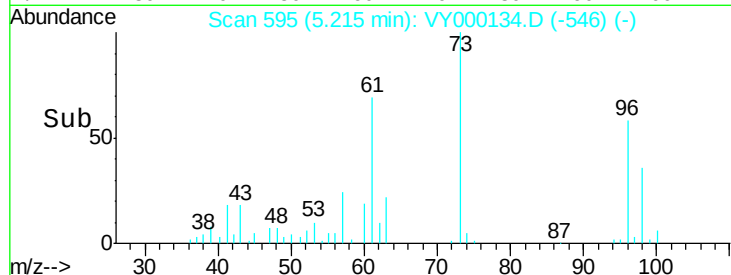
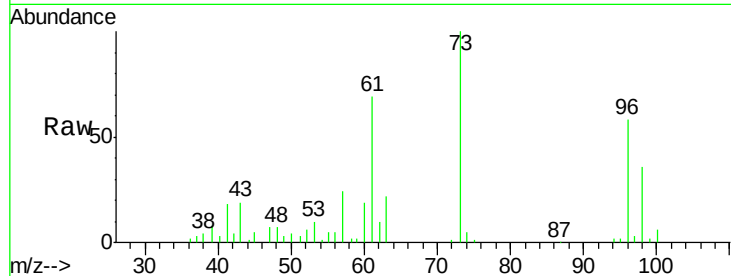
ClientSampleId :

VY0923SBS01

Tot Ion:	96	Resp:	30958
Ion	Ratio	Lower	Upper
96	100		
61	119.1	99.0	148.6
98	62.5	51.0	76.4

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#22

Diisopropyl ether

Concen: 20.190 ug/l

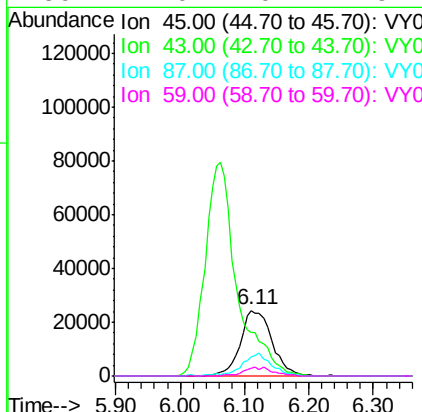
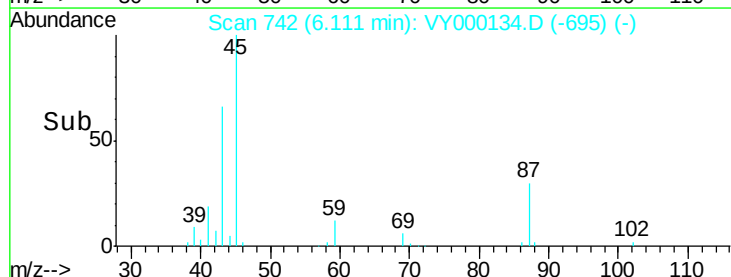
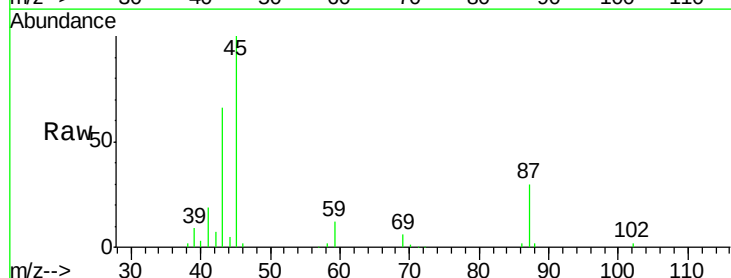
RT: 6.11 min Scan# 742

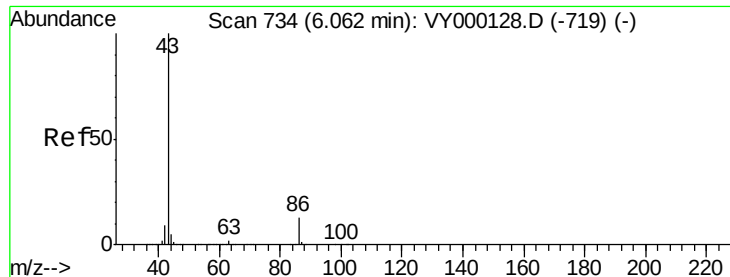
Delta R.T. -0.01 min

Lab File: VY000134.D

Acq: 23 Sep 2019 16:16

Tgt Ion:	45	Resp:	82267
Ion	Ratio	Lower	Upper
45	100		
43	65.9	48.2	72.4
87	29.6	25.9	38.9
59	12.0	10.2	15.2





#23

Vinyl Acetate

Concen: 101.399 ug/l

RT: 6.06 min Scan# 734

Delta R.T. 0.00 min

Lab File: VY000134.D

Acq: 23 Sep 2019 16:16

Instrument :

MSVOA_Y

ClientSampleId :

VY0923SBS01

Tot Ion: 43 Resp: 275350

Ion Ratio Lower Upper

43 100

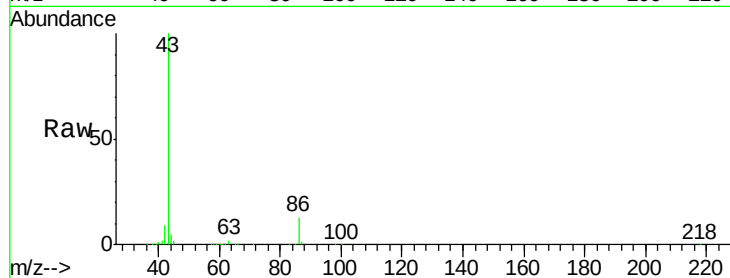
86 13.1 10.6 16.0

Manual Integrations

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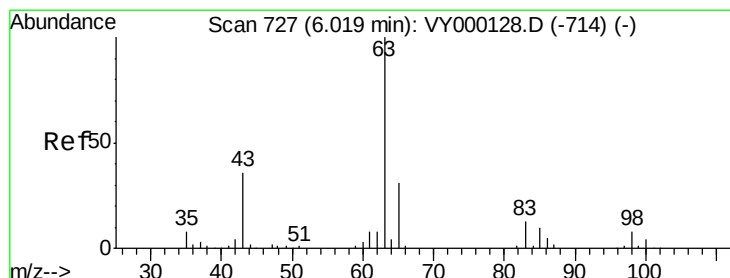
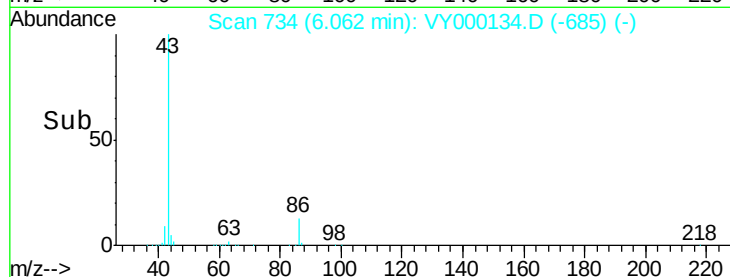
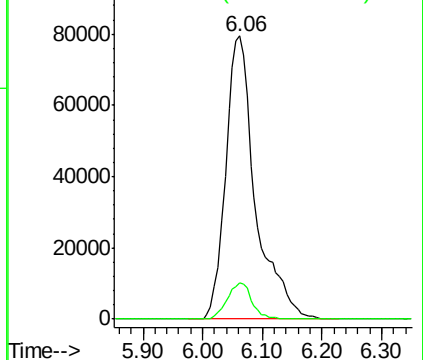
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 19.798 ug/l

RT: 6.01 min Scan# 726

Delta R.T. -0.01 min

Lab File: VY000134.D

Acq: 23 Sep 2019 16:16

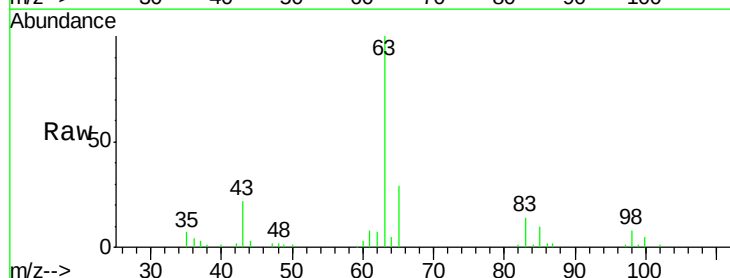
Tgt Ion: 63 Resp: 48056

Ion Ratio Lower Upper

63 100

98 8.3 3.9 11.7

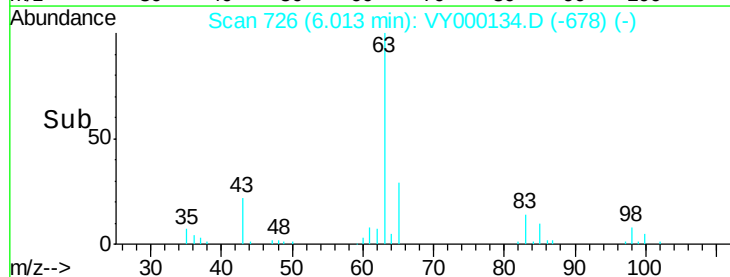
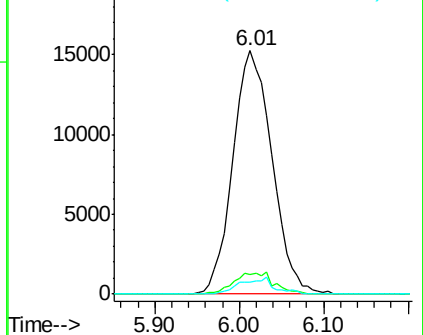
100 4.7 2.2 6.6

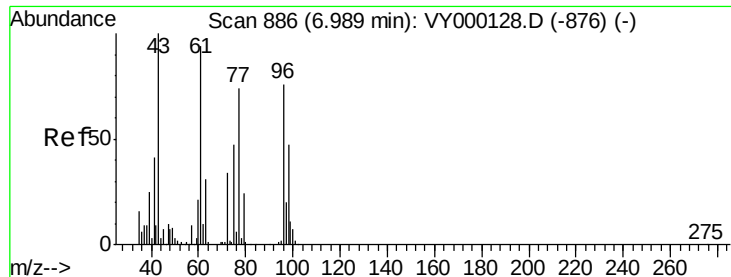


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 102.941 ug/l

RT: 6.99 min Scan# 886

Delta R.T. 0.00 min

Lab File: VY000134.D

Acq: 23 Sep 2019 16:16

Instrument :

MSVOA_Y

ClientSampleId :

VY0923SBS01

Tot Ion: 43 Resp: 48047

Ion Ratio Lower Upper

43 100

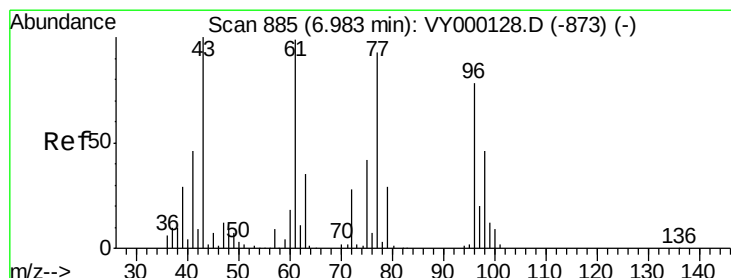
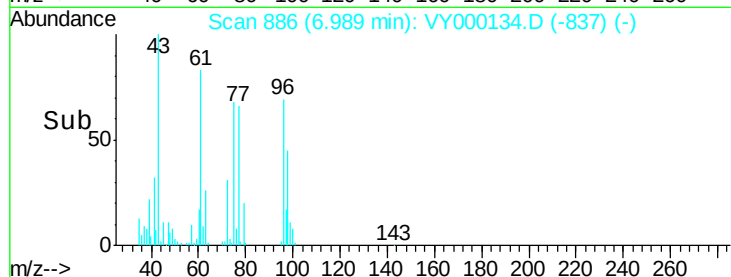
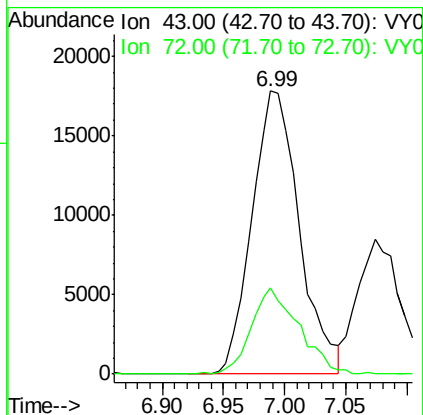
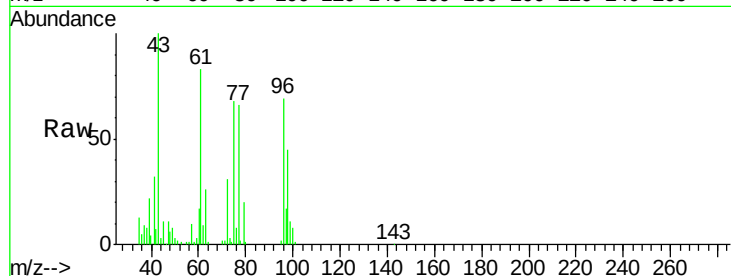
72 30.5 27.0 40.6

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 18.306 ug/l

RT: 6.98 min Scan# 885

Delta R.T. 0.00 min

Lab File: VY000134.D

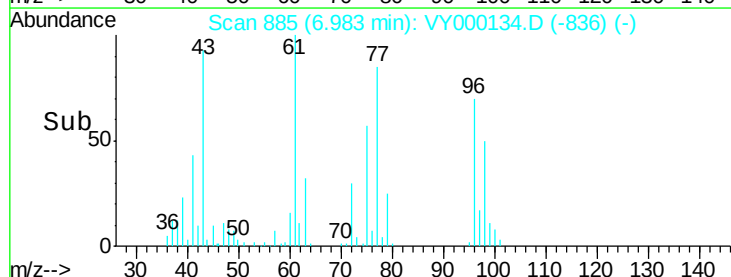
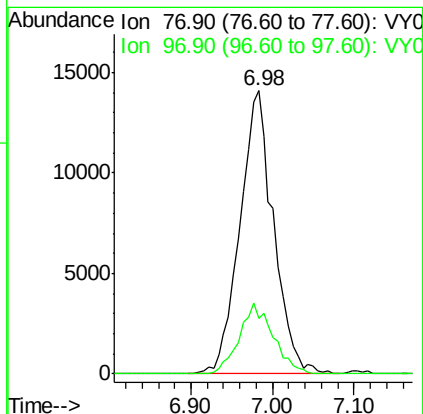
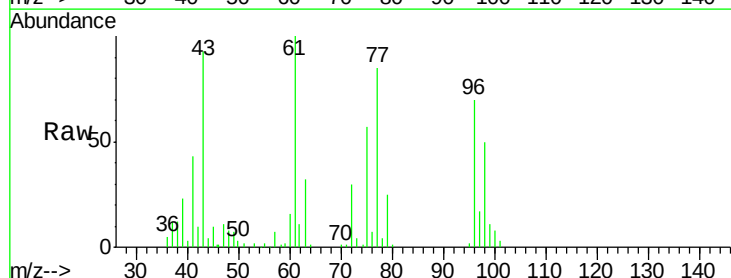
Acq: 23 Sep 2019 16:16

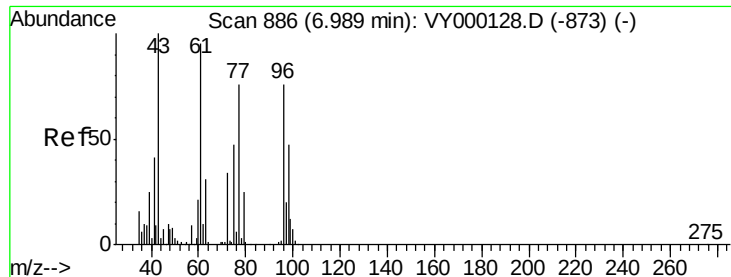
Tgt Ion: 77 Resp: 40268

Ion Ratio Lower Upper

77 100

97 25.0 12.0 36.0





#27

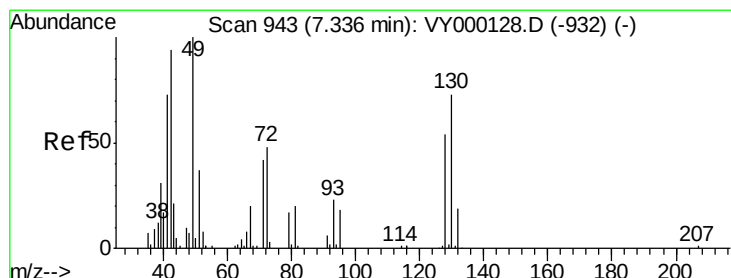
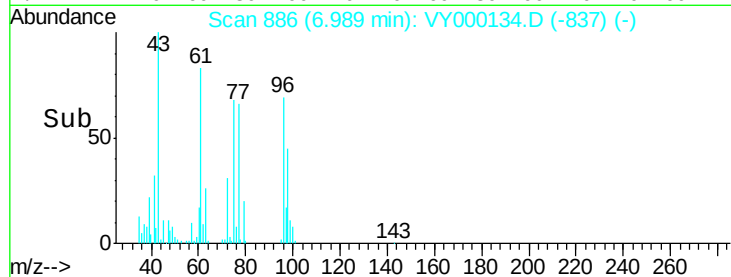
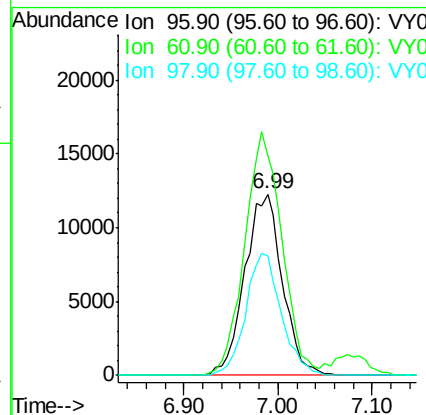
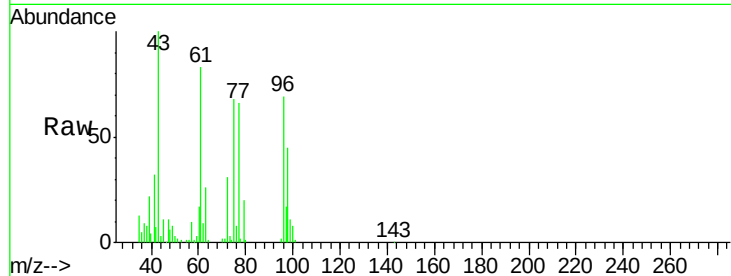
cis-1,2-Dichloroethene
 Concen: 20.206 ug/l
 RT: 6.99 min Scan# 886
 Delta R.T. 0.00 min
 Lab File: VY000134.D
 Acq: 23 Sep 2019 16:16

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0923SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	132.8	0.0	254.8
98	63.3	0.0	127.8

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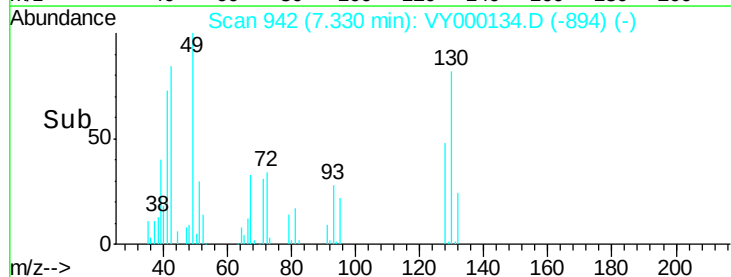
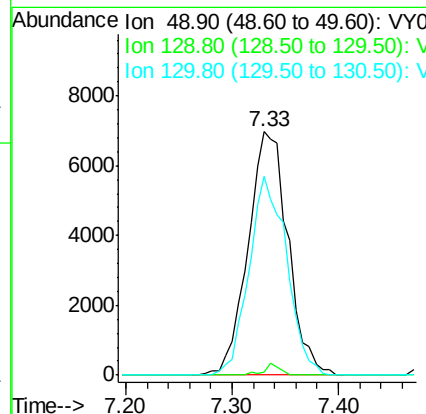
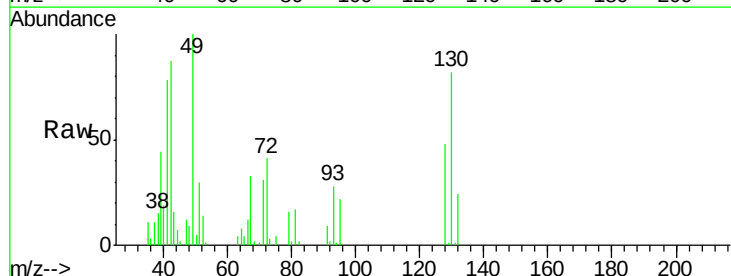
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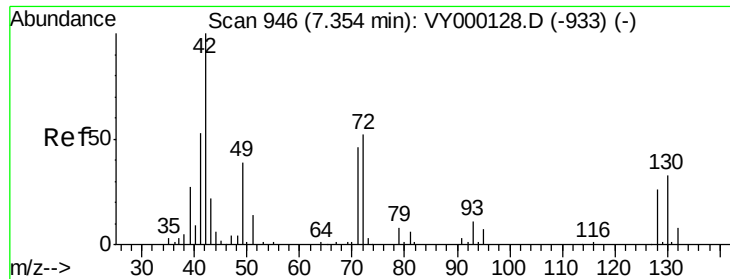


#28

Bromochloromethane
 Concen: 19.326 ug/l
 RT: 7.33 min Scan# 942
 Delta R.T. -0.01 min
 Lab File: VY000134.D
 Acq: 23 Sep 2019 16:16

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	3.4
130	77.1	62.0	93.0





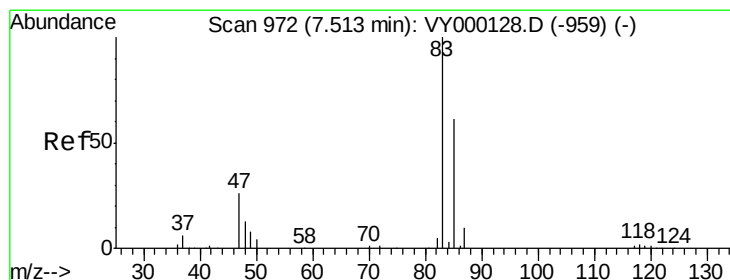
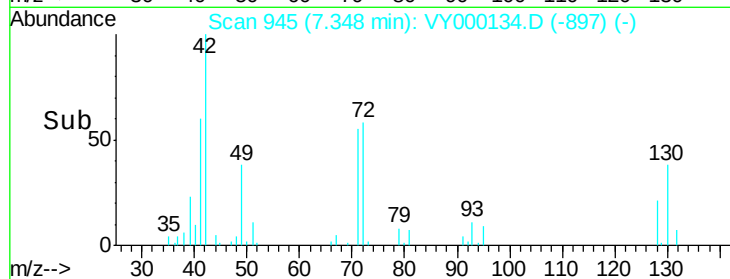
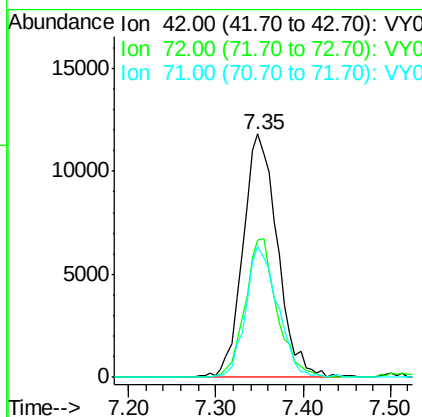
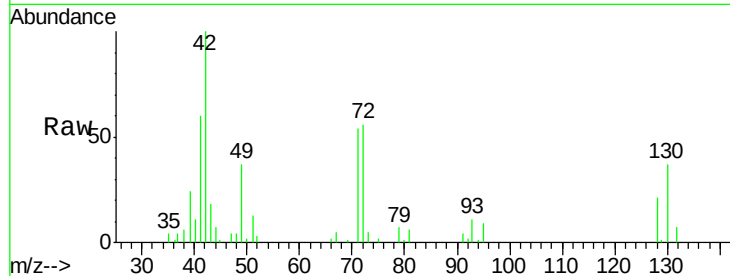
#29
Tetrahydrofuran
Concen: 102.479 ug/l
RT: 7.35 min Scan# 945
Delta R.T. -0.01 min
Lab File: VY000134.D
Acq: 23 Sep 2019 16:16

Instrument :
MSVOA_Y
ClientSampleId :
VY0923SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	52.3	41.8	62.8
71	49.7	38.6	58.0

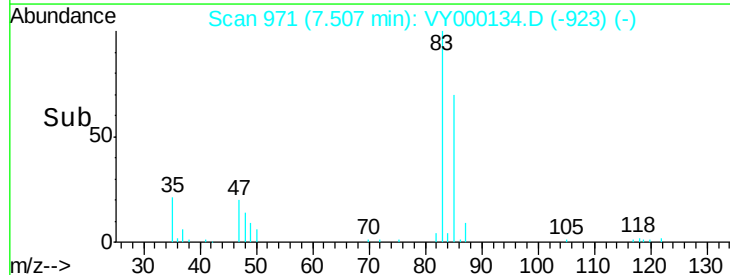
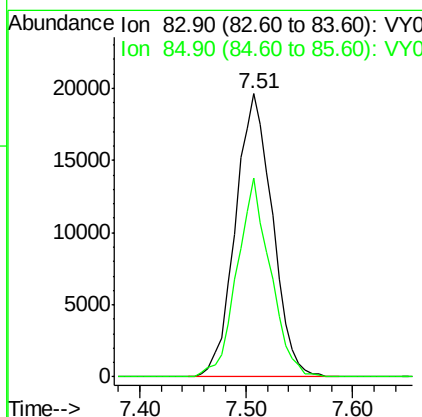
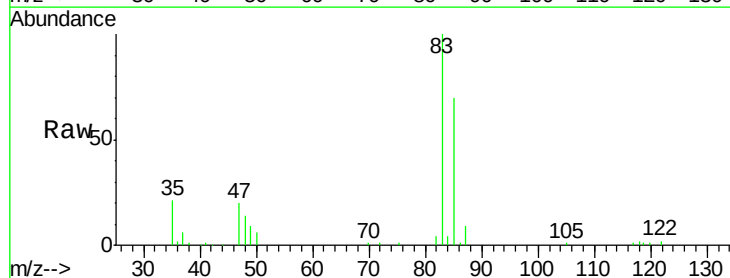
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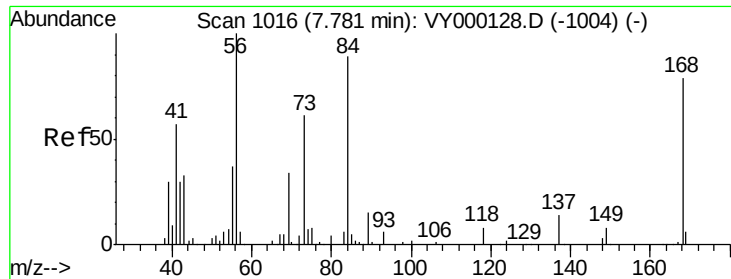
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#30
Chloroform
Concen: 19.576 ug/l
RT: 7.51 min Scan# 971
Delta R.T. -0.01 min
Lab File: VY000134.D
Acq: 23 Sep 2019 16:16

Tgt Ion	Ratio	Lower	Upper
83	100		
85	70.2	49.0	73.6





#31

Cyclohexane

Concen: 19.665 ug/l

RT: 7.78 min Scan# 1016

Delta R.T. 0.00 min

Lab File: VY000134.D

Acq: 23 Sep 2019 16:16

Instrument :

MSVOA_Y

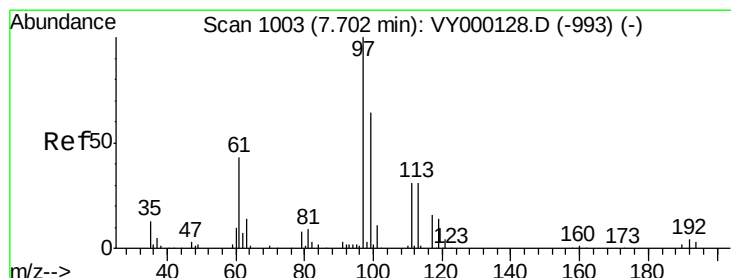
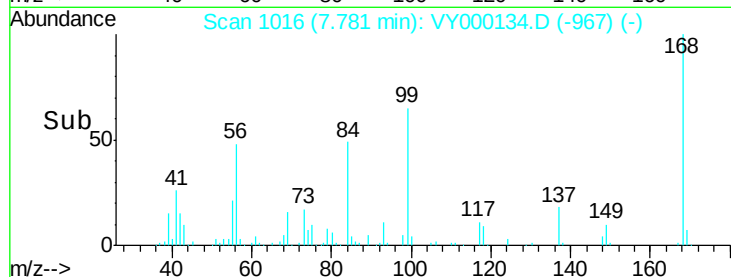
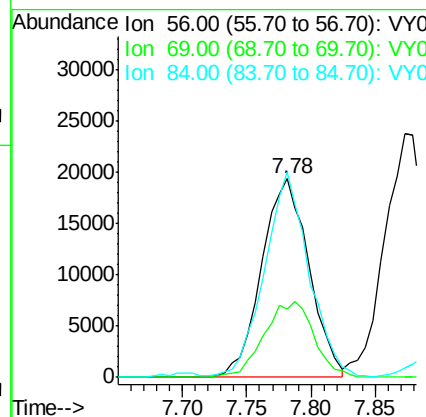
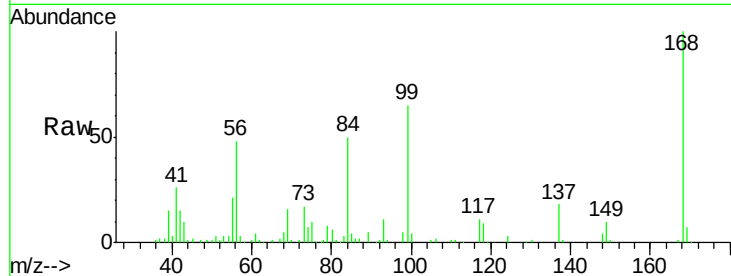
ClientSampleId :

VY0923SBS01

Tot Ion:	56	Resp:	49499
Ion	Ratio	Lower	Upper
56	100		
69	33.8	27.1	40.7
84	100.9	71.3	106.9

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#32

1,1,1-Trichloroethane

Concen: 19.399 ug/l

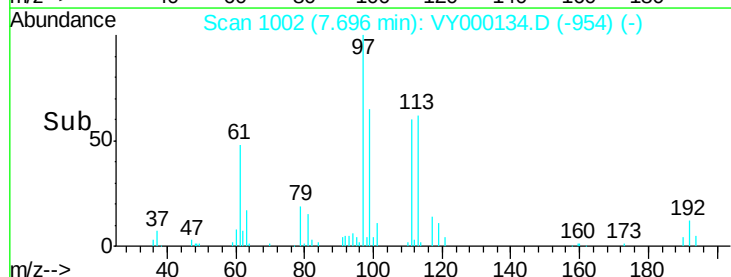
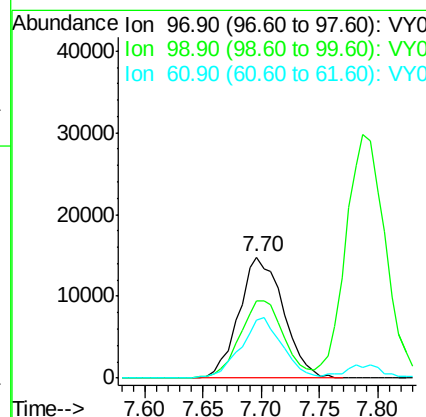
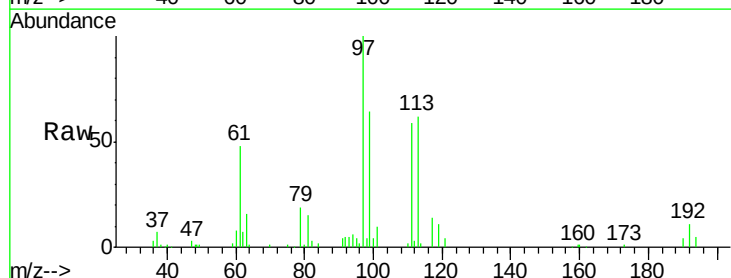
RT: 7.70 min Scan# 1002

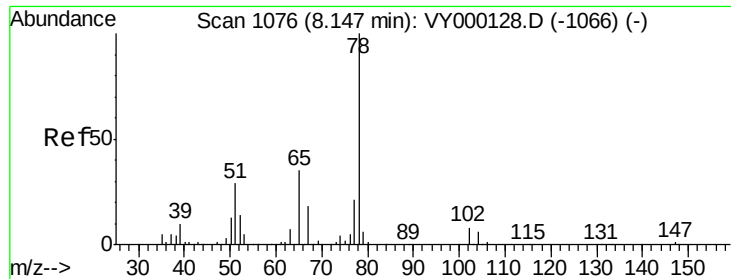
Delta R.T. -0.01 min

Lab File: VY000134.D

Acq: 23 Sep 2019 16:16

Tgt Ion:	97	Resp:	39002
Ion	Ratio	Lower	Upper
97	100		
99	64.0	51.3	76.9
61	46.5	36.0	54.0





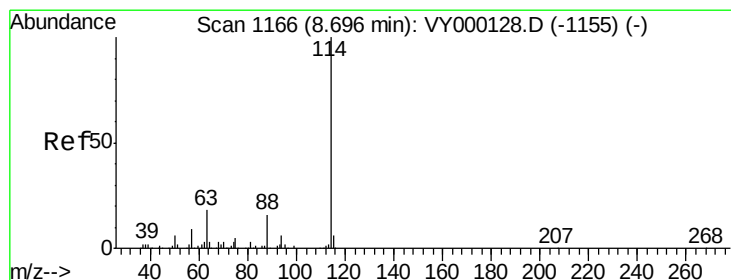
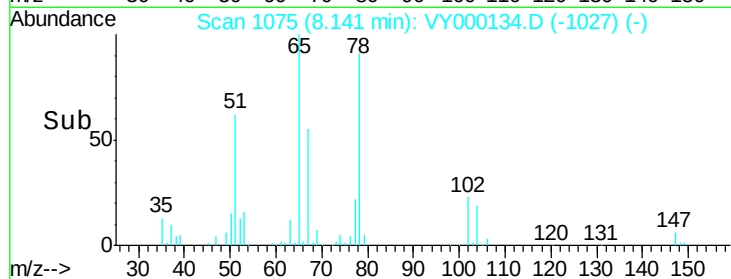
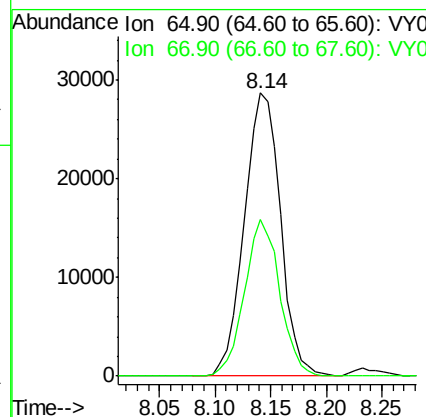
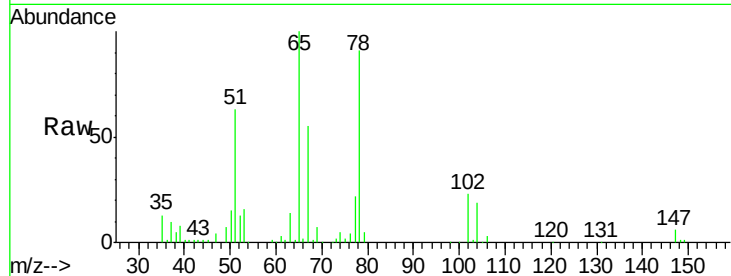
#33
 1,2-Dichloroethane-d4
 Concen: 50.102 ug/l
 RT: 8.14 min Scan# 1075
 Delta R.T. -0.01 min
 Lab File: VY000134.D
 Acq: 23 Sep 2019 16:16

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0923SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	64837		
67	53.6	0.0	109.6	

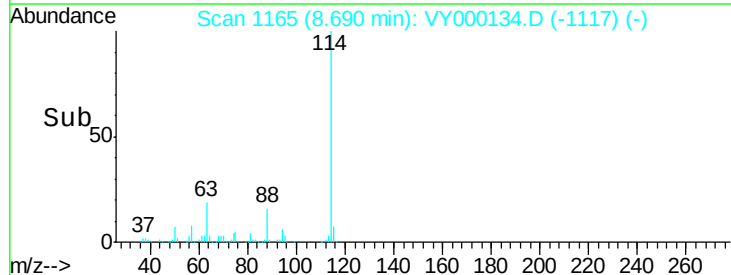
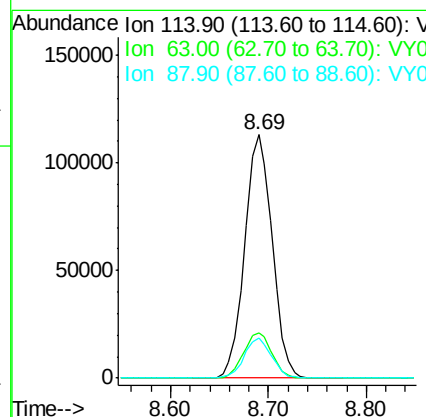
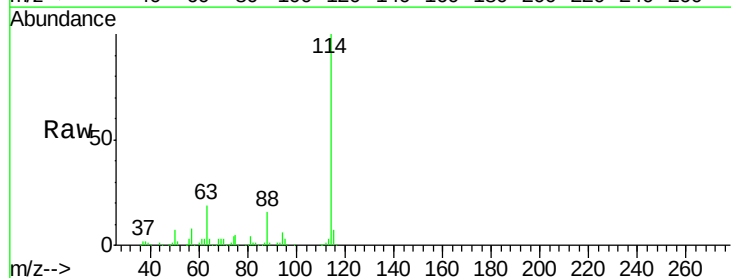
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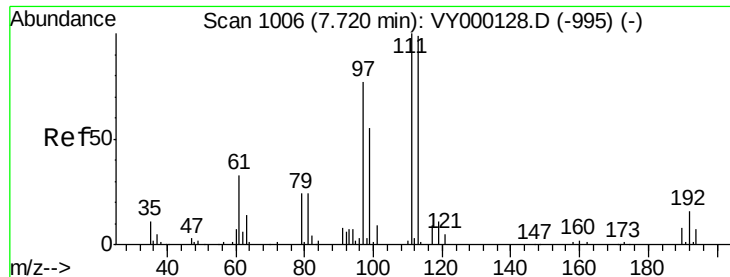
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1165
 Delta R.T. -0.01 min
 Lab File: VY000134.D
 Acq: 23 Sep 2019 16:16

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	219473		
63	18.7	0.0	35.6	
88	16.4	0.0	31.8	





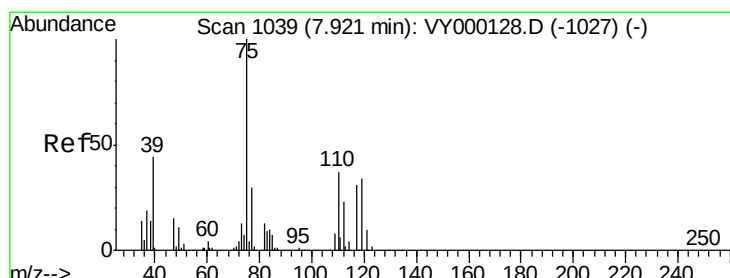
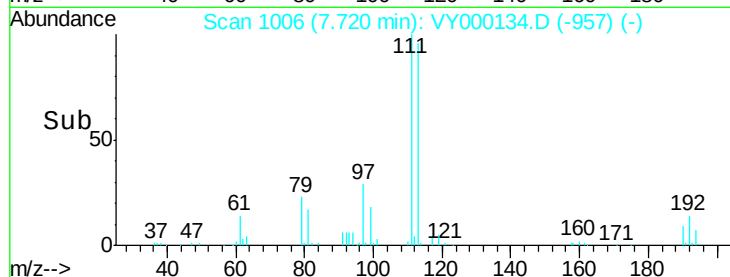
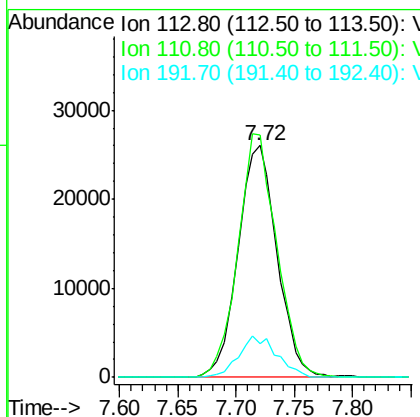
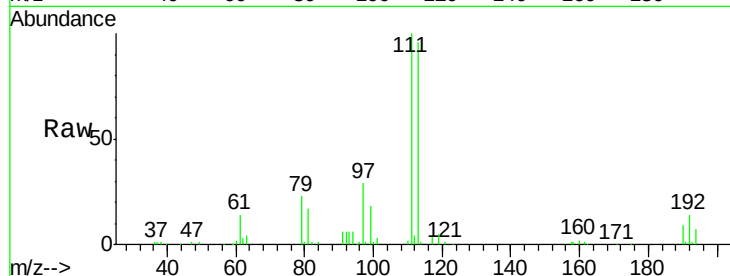
#35
 Dibromofluoromethane
 Concen: 48.216 ug/l
 RT: 7.72 min Scan# 1006
 Delta R.T. 0.00 min
 Lab File: VY000134.D
 Acq: 23 Sep 2019 16:16

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0923SBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	60762		
111	104.3		83.0	124.4
192	17.5		13.5	20.3

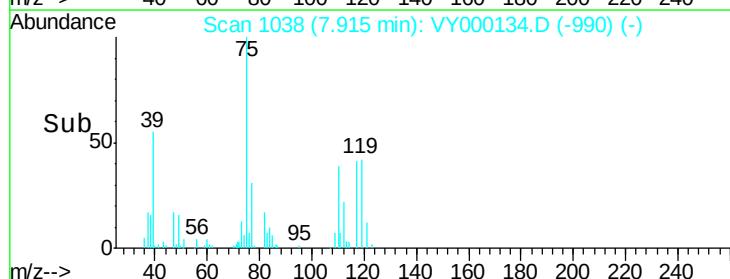
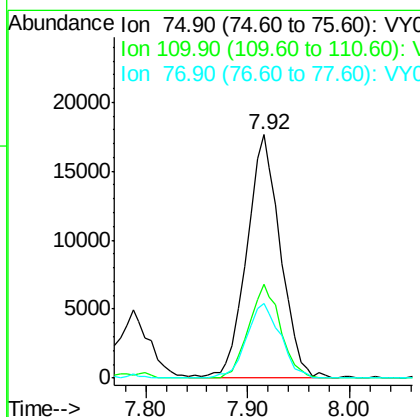
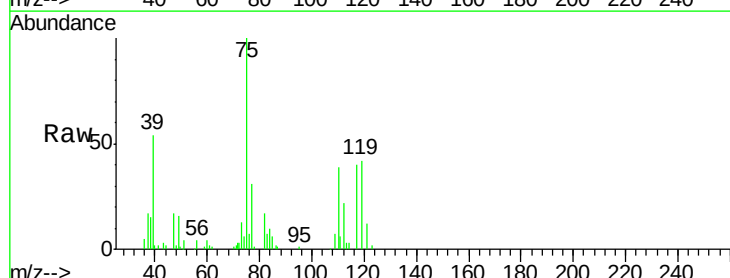
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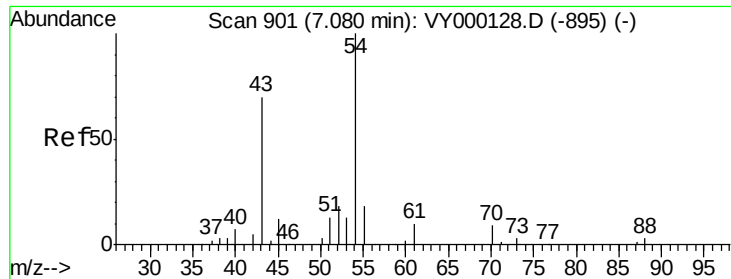
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#36
 1,1-Dichloropropene
 Concen: 19.935 ug/l
 RT: 7.92 min Scan# 1038
 Delta R.T. -0.01 min
 Lab File: VY000134.D
 Acq: 23 Sep 2019 16:16

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	40511		
110	36.4		19.1	57.3
77	31.1		24.7	37.1





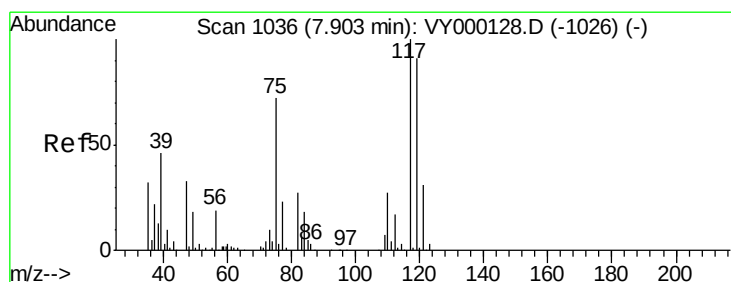
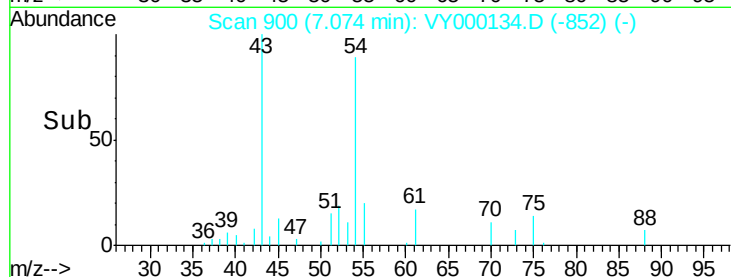
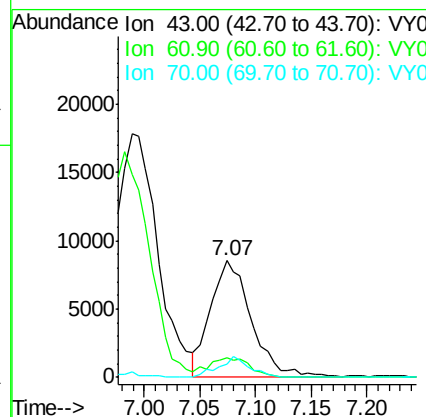
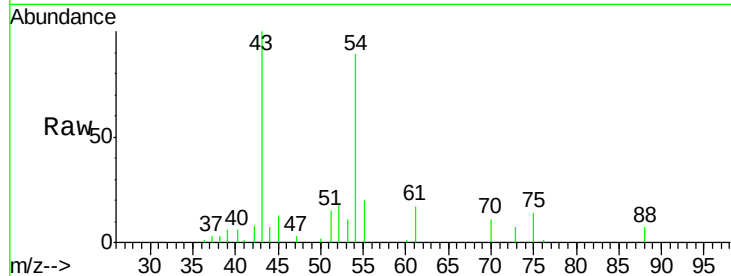
#37
Ethyl Acetate
Concen: 20.072 ug/l
RT: 7.07 min Scan# 900
Delta R.T. -0.01 min
Lab File: VY000134.D
Acq: 23 Sep 2019 16:16

Instrument :
MSVOA_Y
ClientSampleId :
VY0923SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	17.3	12.1	18.1
70	13.5	10.0	15.0

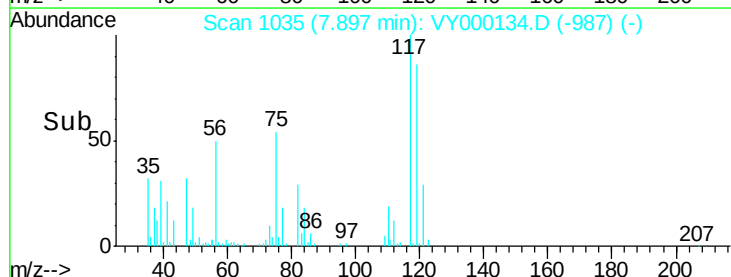
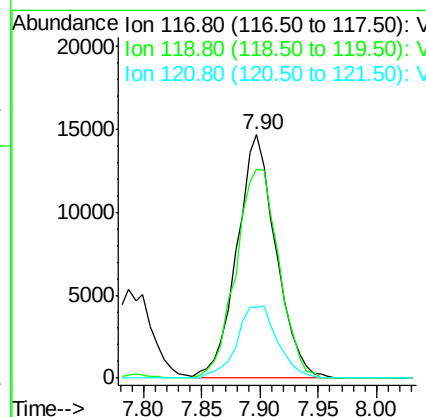
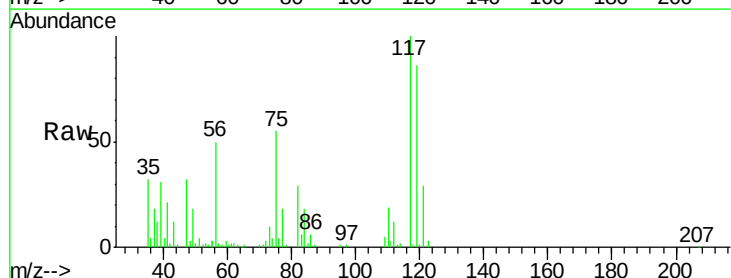
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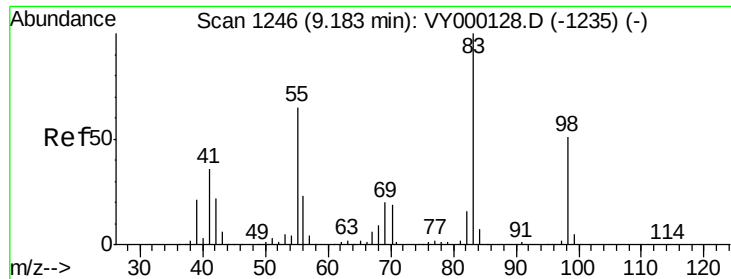
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#38
Carbon Tetrachloride
Concen: 19.634 ug/l
RT: 7.90 min Scan# 1035
Delta R.T. -0.01 min
Lab File: VY000134.D
Acq: 23 Sep 2019 16:16

Tgt Ion	Ratio	Lower	Upper
117	100		
119	85.9	72.6	108.8
121	29.2	24.3	36.5





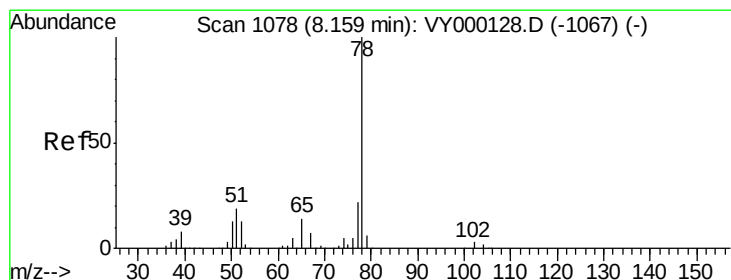
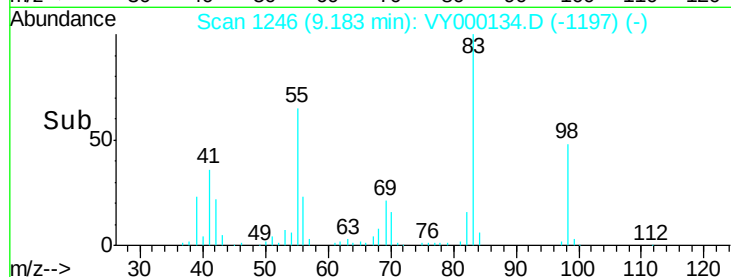
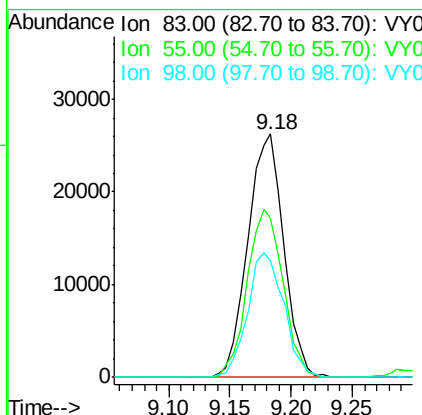
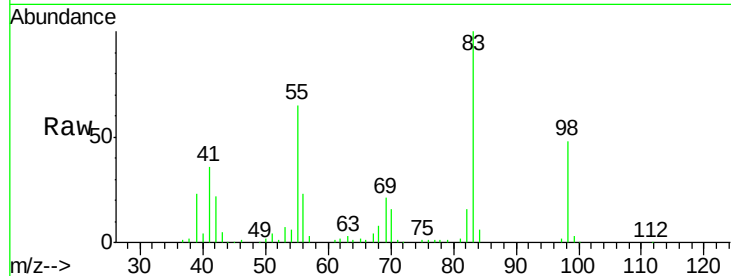
#39
Methylvlcyclohexane
Concen: 19.205 ug/l
RT: 9.18 min Scan# 1246
Delta R.T. 0.00 min
Lab File: VY000134.D
Acq: 23 Sep 2019 16:16

Instrument :
MSVOA_Y
ClientSampleId :
VY0923SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	65.5	52.3	78.5
98	48.2	40.6	61.0

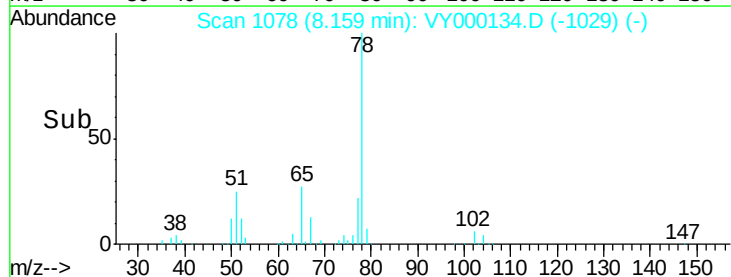
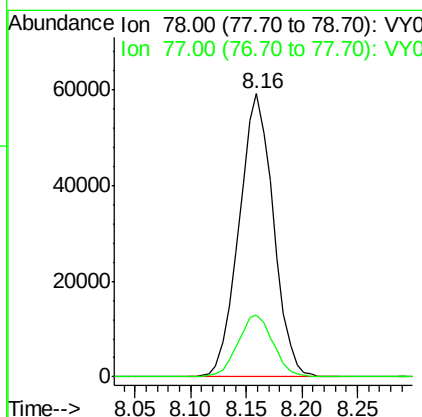
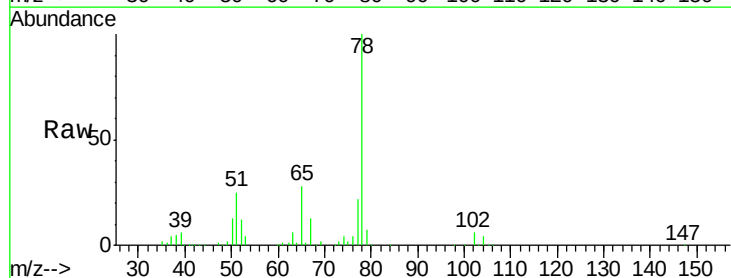
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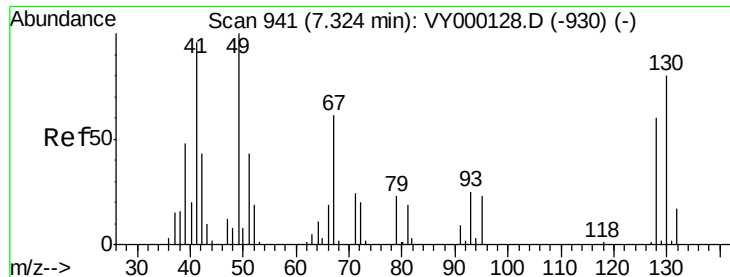
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#40
Benzene
Concen: 20.164 ug/l
RT: 8.16 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VY000134.D
Acq: 23 Sep 2019 16:16

Tgt Ion	Ratio	Lower	Upper
78	100		
77	21.9	17.9	26.9





#41

Methacrylonitrile

Concen: 21.144 ug/l m

RT: 7.31 min Scan# 939

Delta R.T. -0.01 min

Lab File: VY000134.D

Acq: 23 Sep 2019 16:16

Instrument :

MSVOA_Y

ClientSampleId :

VY0923SBS01

Tot Ion: 41 Resp: 11172

Ion Ratio Lower Upper

41 100

39 77.9 53.4 80.0

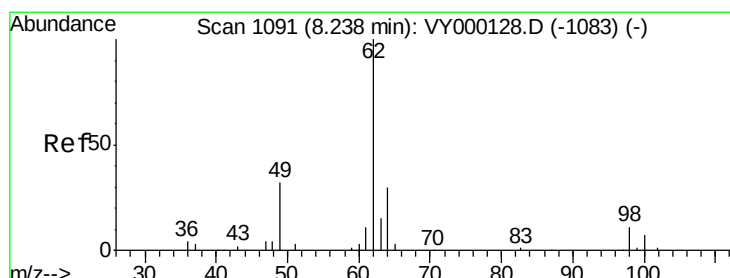
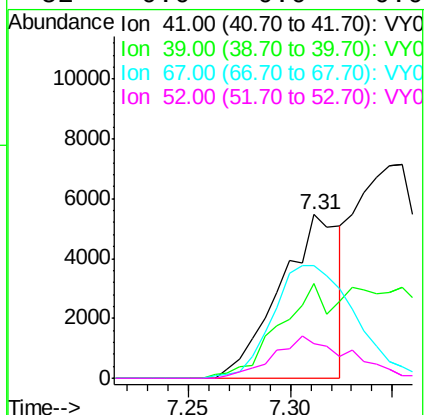
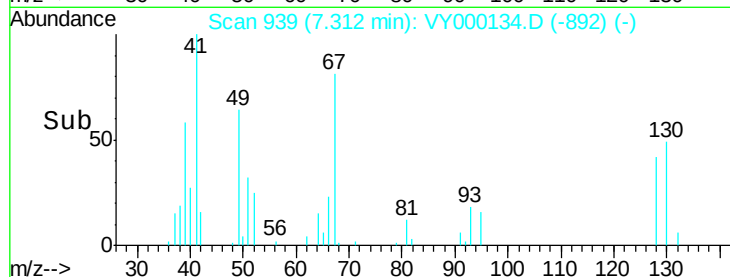
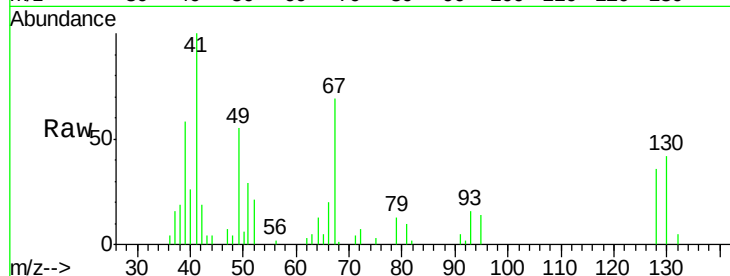
67 0.0 0.0 0.0

52 0.0 0.0 0.0

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#42

1,2-Dichloroethane

Concen: 20.390 ug/l

RT: 8.24 min Scan# 1091

Delta R.T. 0.00 min

Lab File: VY000134.D

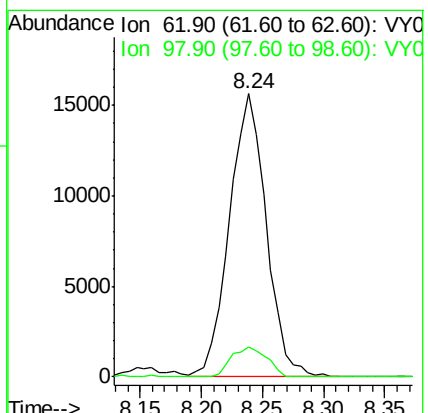
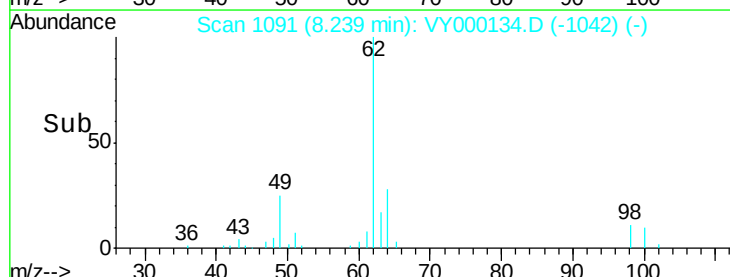
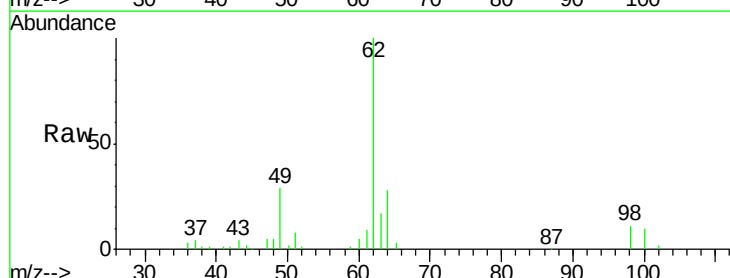
Acq: 23 Sep 2019 16:16

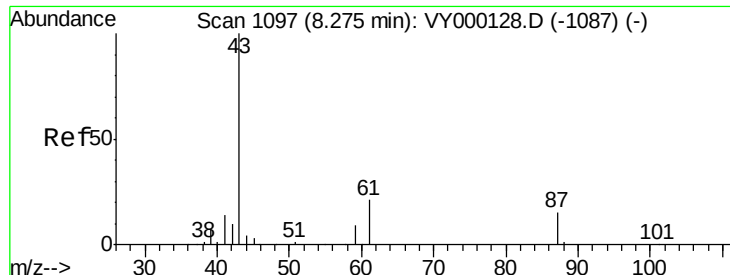
Tgt Ion: 62 Resp: 32611

Ion Ratio Lower Upper

62 100

98 10.2 0.0 22.4





#43

Isopropyl Acetate

Concen: 19.947 ug/l

RT: 8.28 min Scan# 1097

Delta R.T. 0.00 min

Lab File: VY000134.D

Acq: 23 Sep 2019 16:16

Instrument :

MSVOA_Y

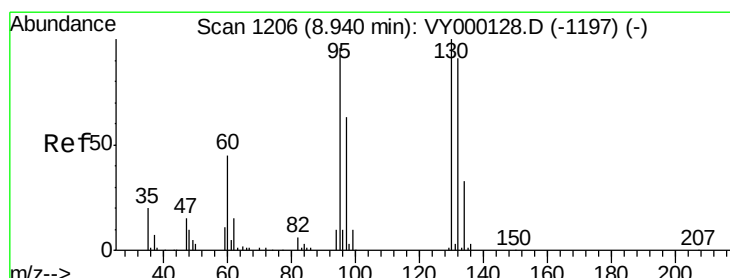
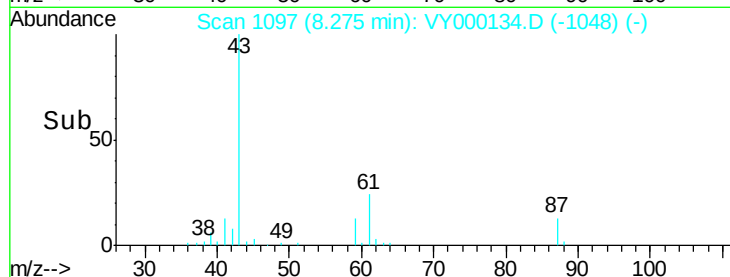
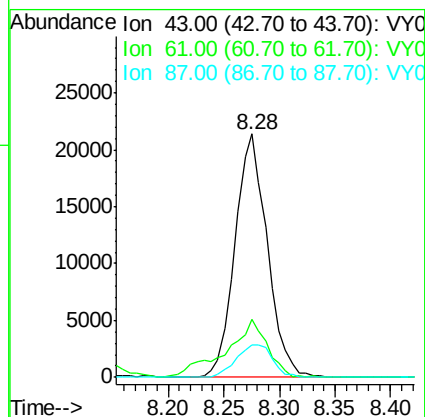
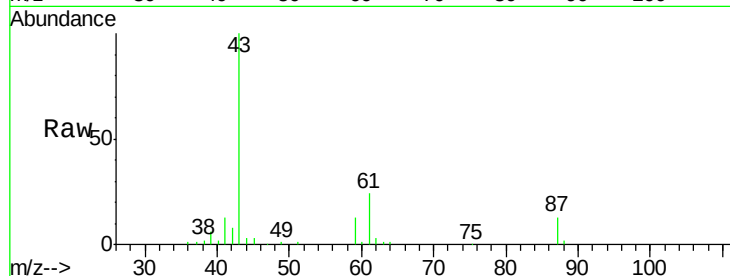
ClientSampleId :

VY0923SBS01

Tot Ion:	43	Resp:	42819
Ion	Ratio	Lower	Upper
43	100		
61	31.0	24.6	37.0
87	15.0	12.5	18.7

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#44

Trichloroethene

Concen: 20.384 ug/l

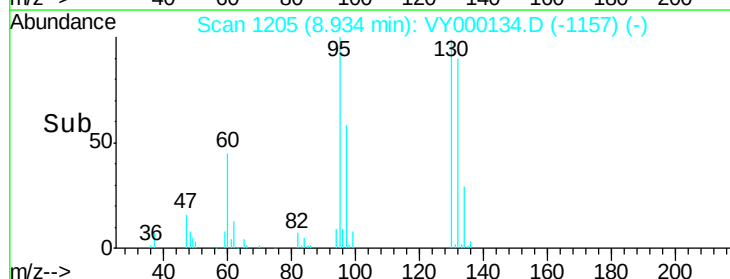
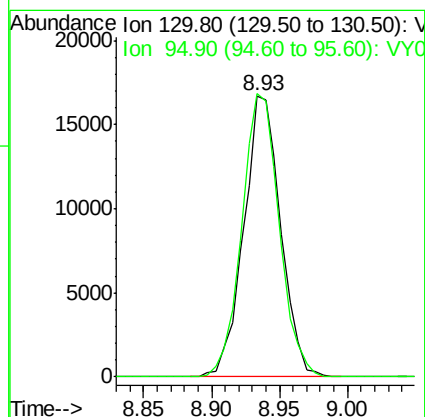
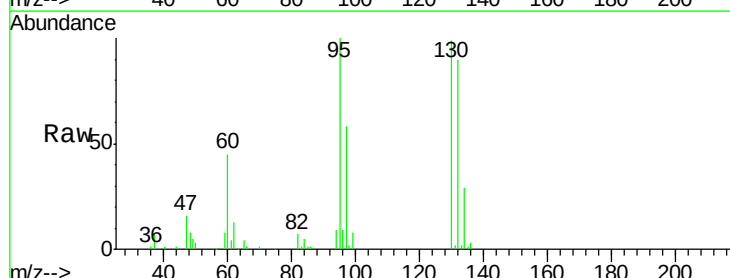
RT: 8.93 min Scan# 1205

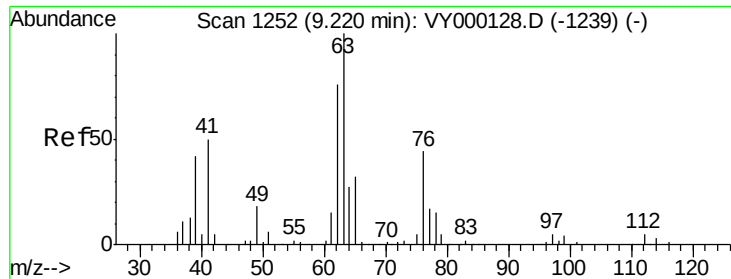
Delta R.T. -0.01 min

Lab File: VY000134.D

Acq: 23 Sep 2019 16:16

Tgt Ion:	130	Resp:	31744
Ion	Ratio	Lower	Upper
130	100		
95	100.8	0.0	192.0





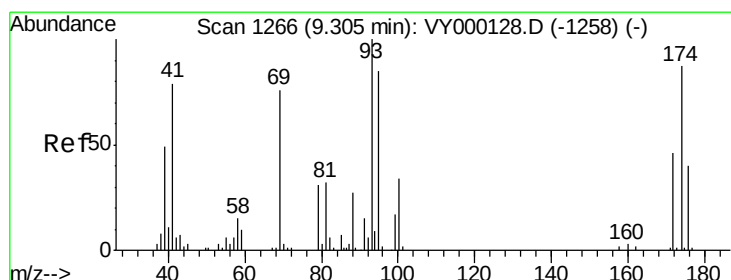
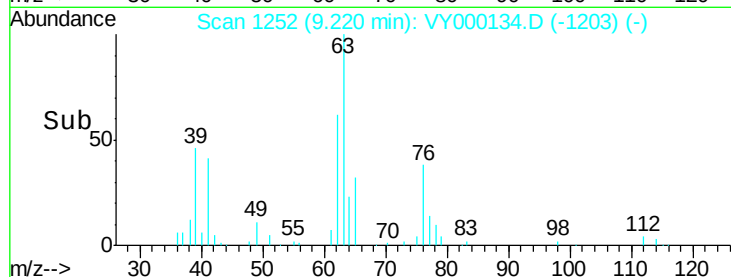
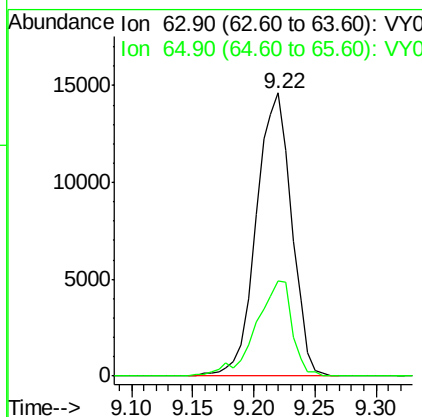
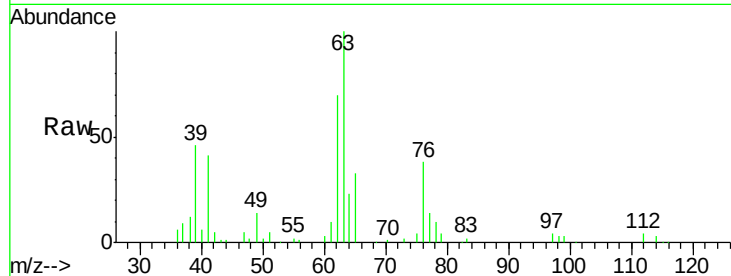
#45
 1,2-Dichloropropane
 Concen: 19.388 ug/l
 RT: 9.22 min Scan# 1252
 Delta R.T. 0.00 min
 Lab File: VY000134.D
 Acq: 23 Sep 2019 16:16

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0923SBS01

Tot Ion: 63 Resp: 29370
 Ion Ratio Lower Upper
 63 100
 65 33.5 25.4 38.2

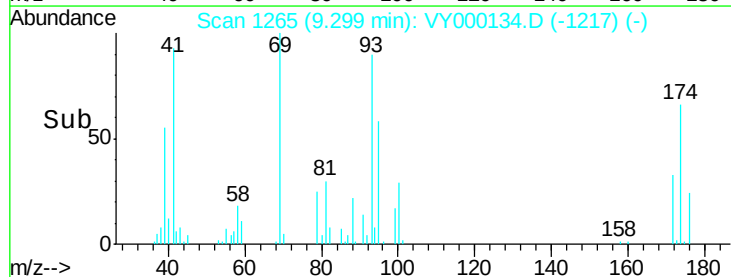
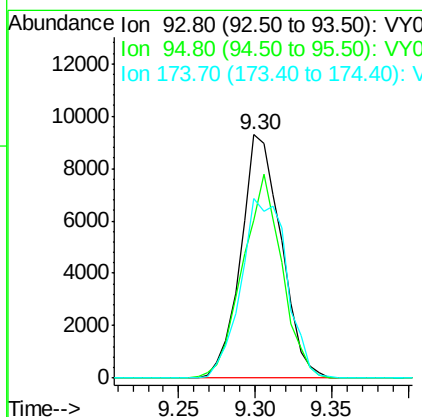
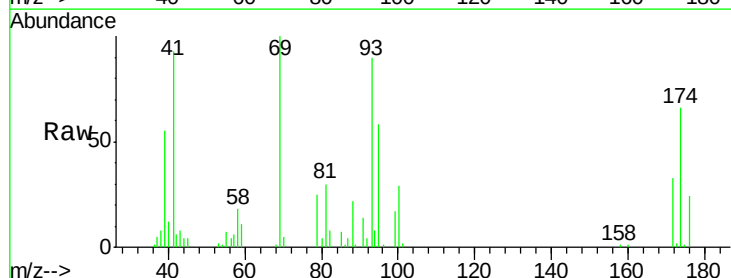
Manual Integrations
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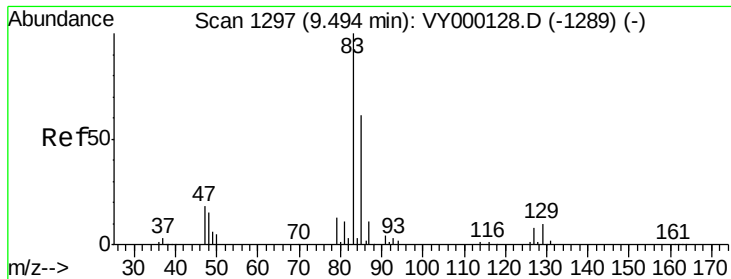
MMDadoda
 9/25/2019 12:39:30 AM



#46
 Dibromomethane
 Concen: 20.214 ug/l
 RT: 9.30 min Scan# 1265
 Delta R.T. -0.01 min
 Lab File: VY000134.D
 Acq: 23 Sep 2019 16:16

Tgt Ion: 93 Resp: 17030
 Ion Ratio Lower Upper
 93 100
 95 81.4 68.6 103.0
 174 84.1 69.4 104.0





#47

Bromodichloromethane

Concen: 19.482 ug/l

RT: 9.49 min Scan# 1297

Delta R.T. 0.00 min

Lab File: VY000134.D

Acq: 23 Sep 2019 16:16

Instrument :

MSVOA_Y

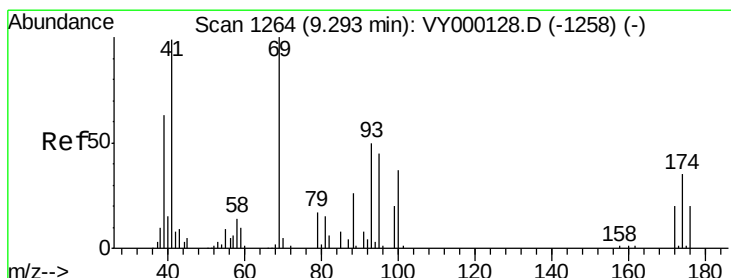
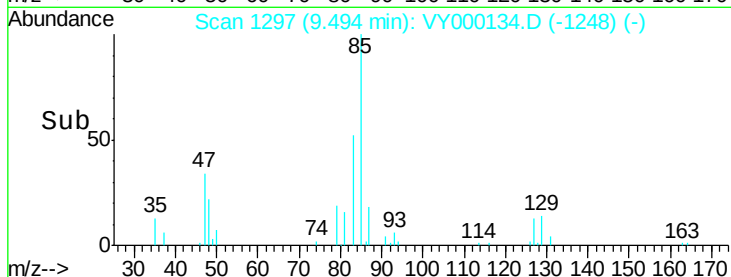
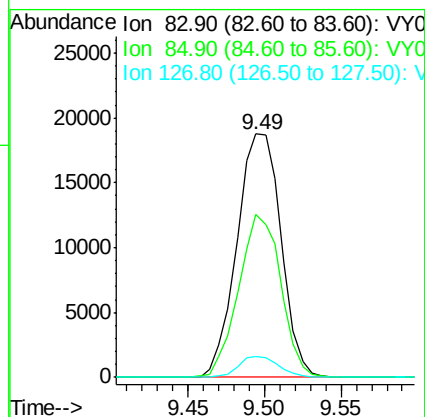
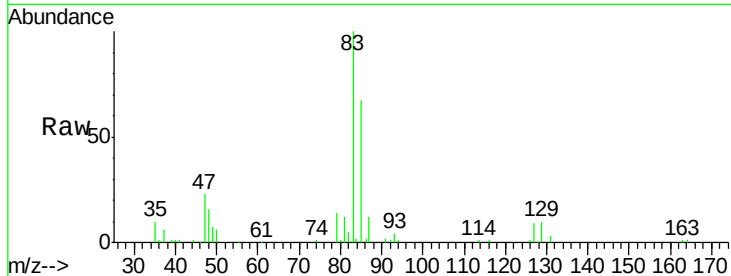
ClientSampleId :

VY0923SBS01

Tot Ion:	83	Resp:	37581
Ion	Ratio	Lower	Upper
83	100		
85	66.7	48.6	73.0
127	8.5	6.2	9.4

Manual Integrations
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MMDadoda
9/25/2019 12:39:30 AM



#48

Methyl methacrylate

Concen: 19.743 ug/l

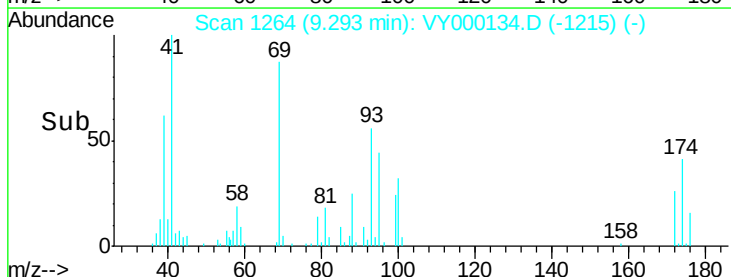
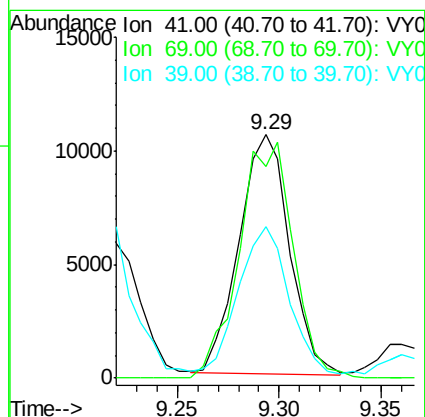
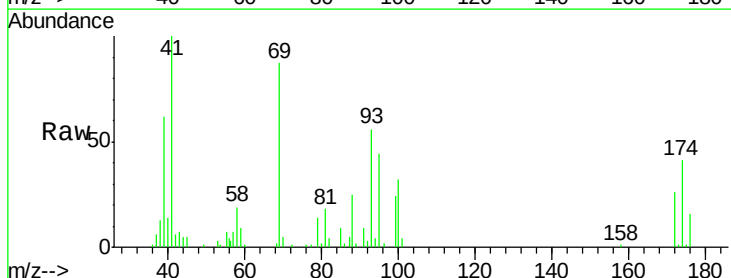
RT: 9.29 min Scan# 1264

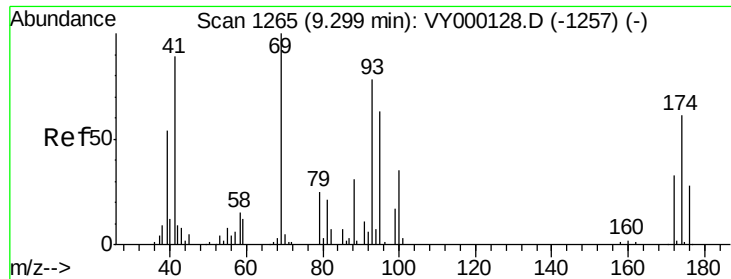
Delta R.T. 0.00 min

Lab File: VY000134.D

Acq: 23 Sep 2019 16:16

Tgt Ion:	41	Resp:	18111
Ion	Ratio	Lower	Upper
41	100		
69	105.5	81.0	121.6
39	65.4	53.2	79.8





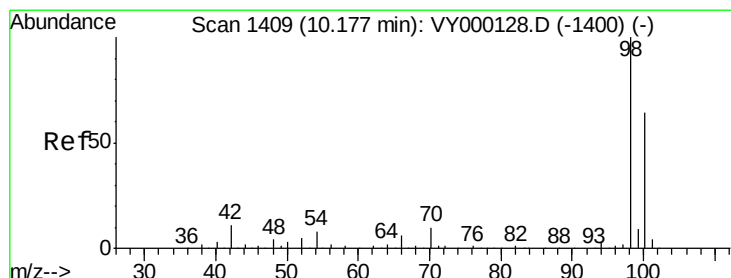
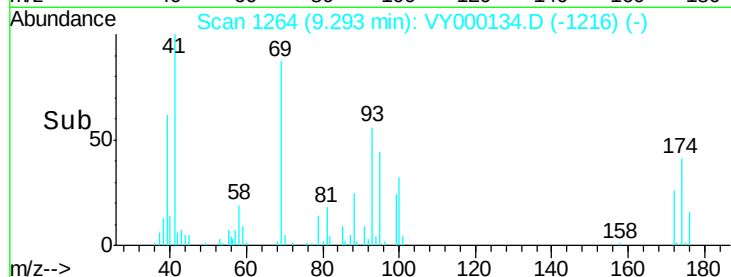
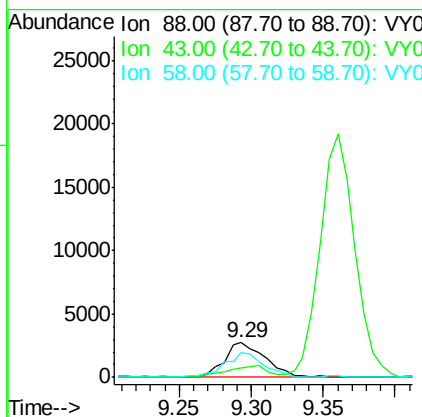
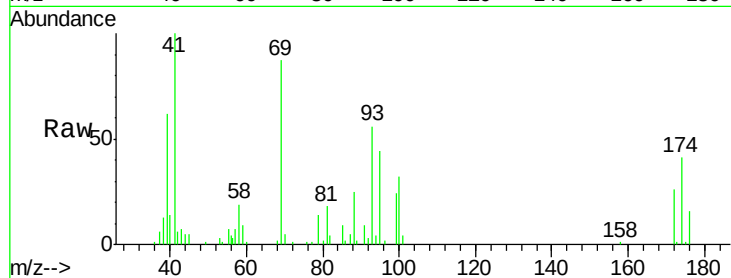
#49
 1,4-Dioxane
 Concen: 405.628 ug/l
 RT: 9.29 min Scan# 1264
 Delta R.T. -0.01 min
 Lab File: VY000134.D
 Acq: 23 Sep 2019 16:16

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0923SBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	34.6	22.6	33.8#
58	68.6	42.5	63.7#

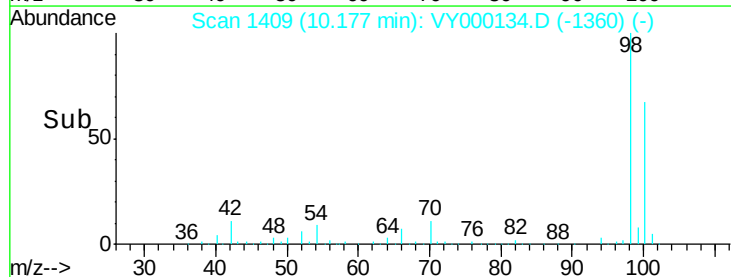
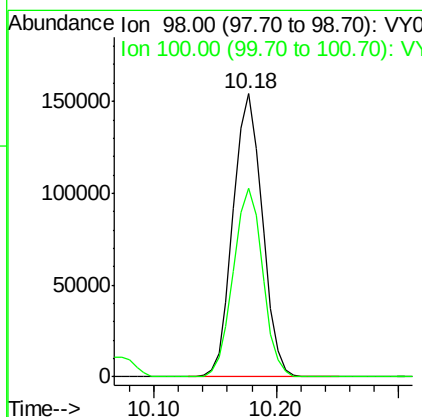
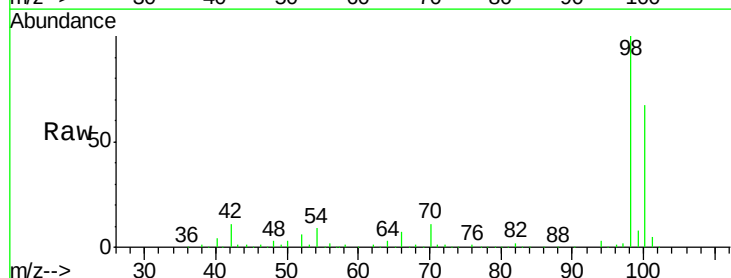
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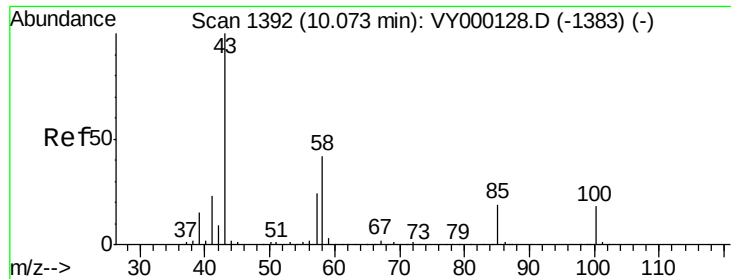
MMDadoda
 9/25/2019 12:39:30 AM



#50
 Toluene-d8
 Concen: 50.406 ug/l
 RT: 10.18 min Scan# 1409
 Delta R.T. 0.00 min
 Lab File: VY000134.D
 Acq: 23 Sep 2019 16:16

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.9	52.7	79.1





#51

4-Methyl-2-Pentanone

Concen: 101.472 ug/l

RT: 10.07 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VY000134.D

Acq: 23 Sep 2019 16:16

Instrument :

MSVOA_Y

ClientSampleId :

VY0923SBS01

Tot Ion: 43 Resp: 110994

Ion Ratio Lower Upper

43 100

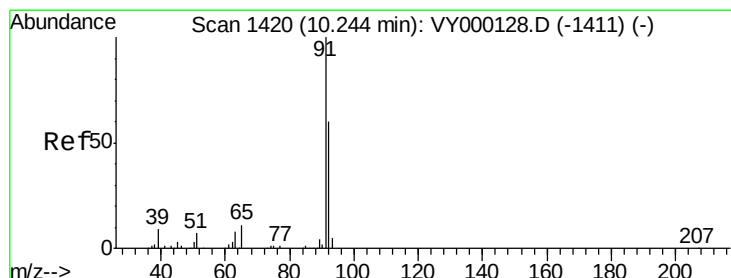
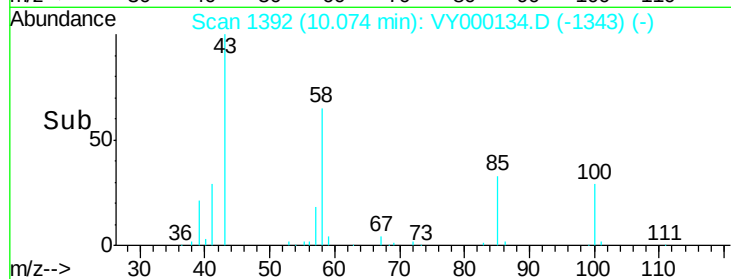
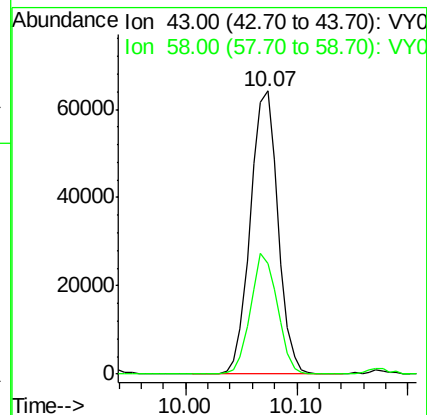
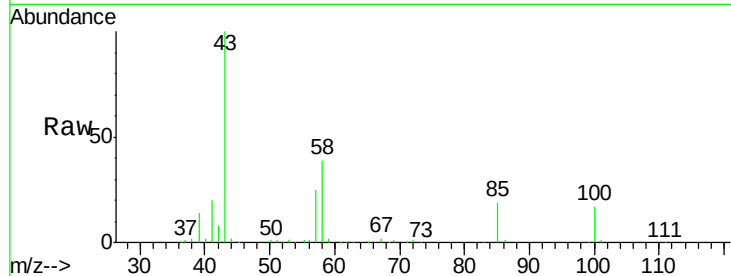
58 41.5 33.0 49.6

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#52

Toluene

Concen: 20.341 ug/l

RT: 10.24 min Scan# 1419

Delta R.T. -0.01 min

Lab File: VY000134.D

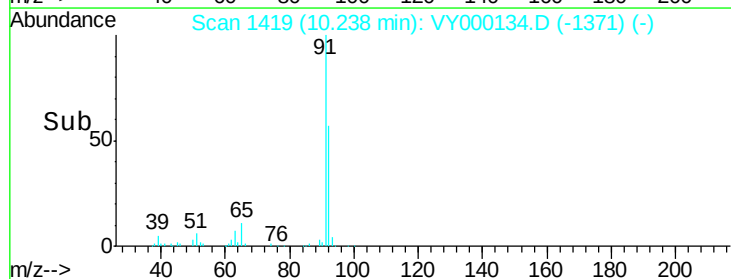
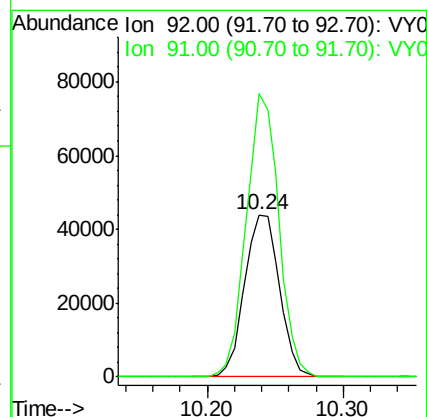
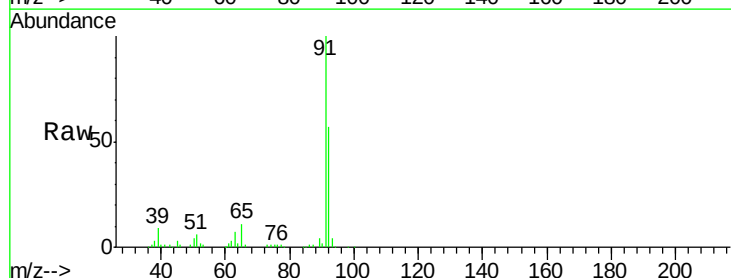
Acq: 23 Sep 2019 16:16

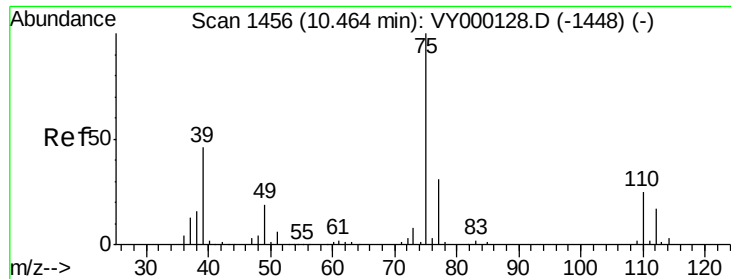
Tgt Ion: 92 Resp: 78834

Ion Ratio Lower Upper

92 100

91 163.4 135.7 203.5





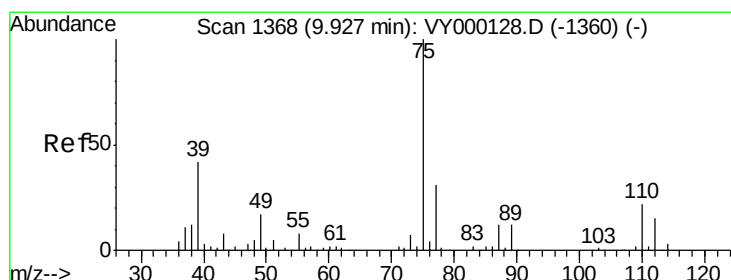
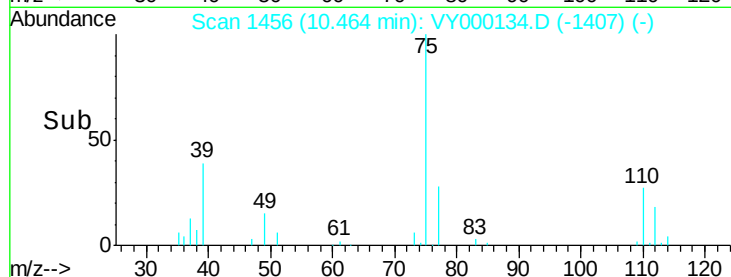
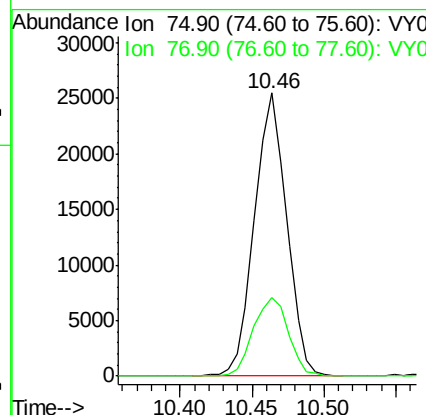
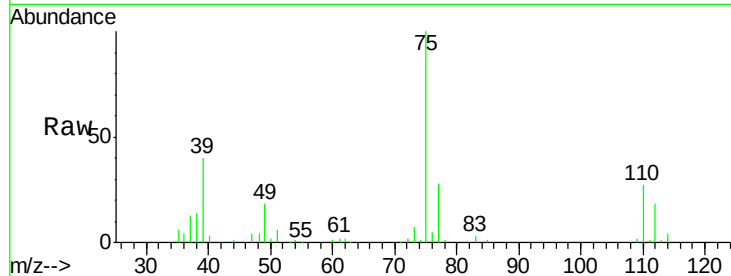
#53
t-1,3-Dichloropropene
Concen: 18.721 ug/l
RT: 10.46 min Scan# 1456
Delta R.T. 0.00 min
Lab File: VY000134.D
Acq: 23 Sep 2019 16:16

Instrument :
MSVOA_Y
ClientSampleId :
VY0923SBS01

Tot Ion: 75 Resp: 39378
Ion Ratio Lower Upper
75 100
77 27.9 24.9 37.3

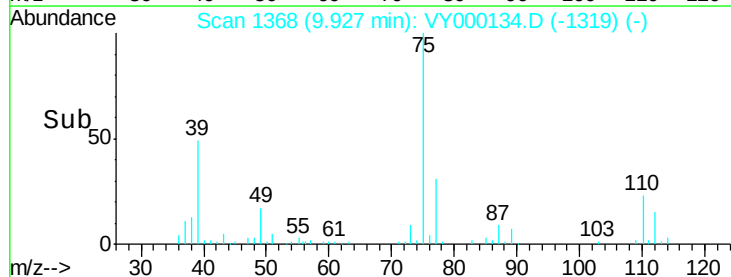
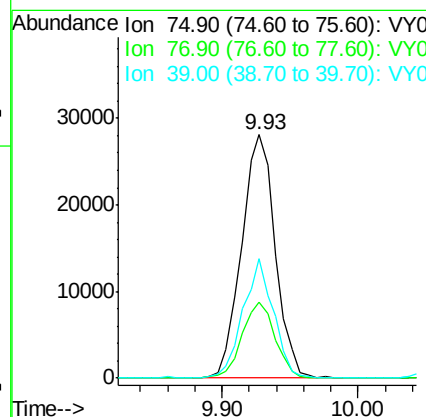
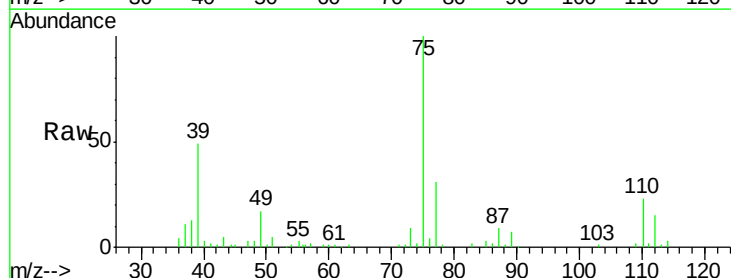
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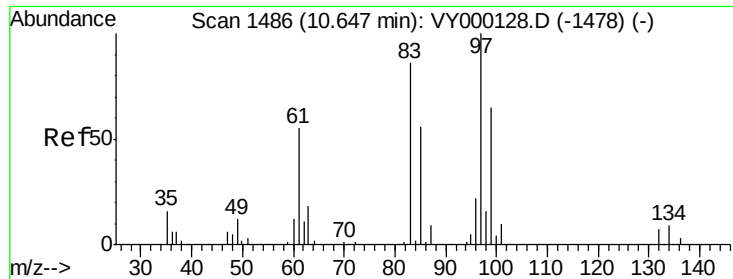
MMDadoda
9/25/2019 12:39:30 AM



#54
cis-1,3-Dichloropropene
Concen: 19.869 ug/l
RT: 9.93 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VY000134.D
Acq: 23 Sep 2019 16:16

Tgt Ion: 75 Resp: 48455
Ion Ratio Lower Upper
75 100
77 31.2 24.6 37.0
39 49.1 33.8 50.6





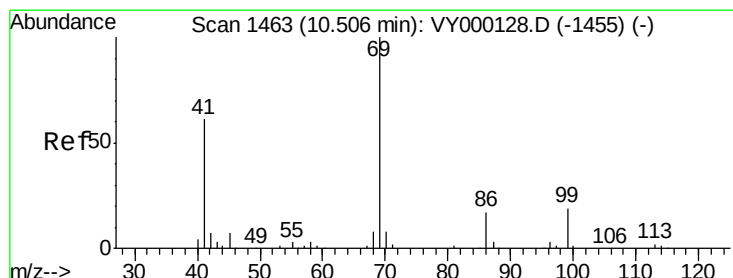
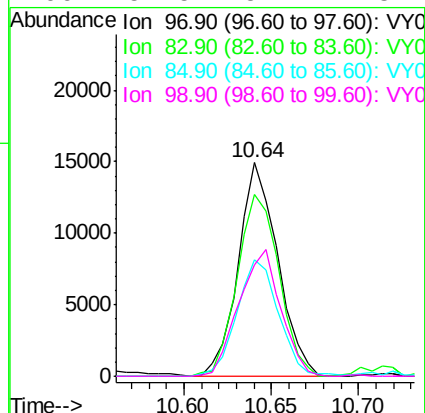
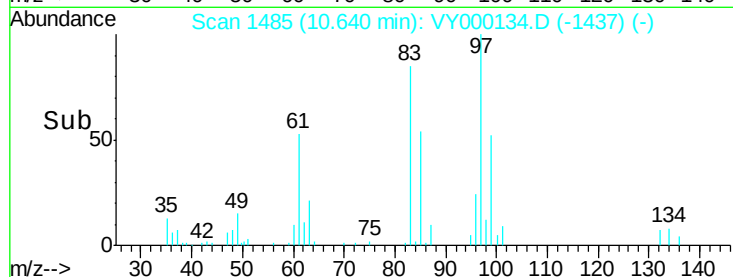
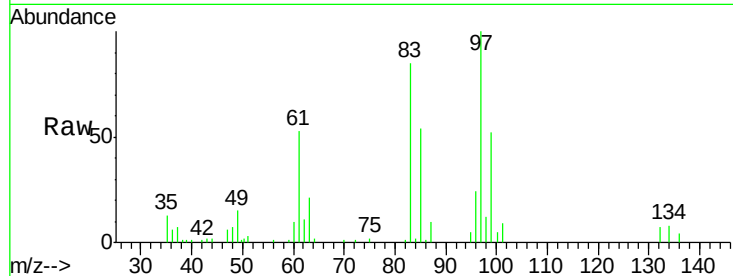
#55
1,1,2-Trichloroethane
Concen: 19.463 ug/l
RT: 10.64 min Scan# 1485
Delta R.T. -0.01 min
Lab File: VY000134.D
Acq: 23 Sep 2019 16:16

Instrument :
MSVOA_Y
ClientSampleId :
VY0923SBS01

Tot Ion:	97	Resp:	23482
Ion	Ratio	Lower	Upper
97	100		
83	84.9	68.8	103.2
85	54.3	44.9	67.3
99	52.5	52.1	78.1

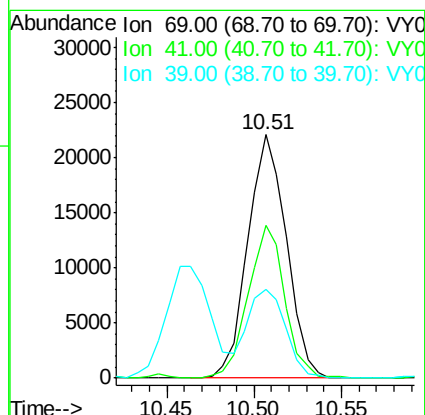
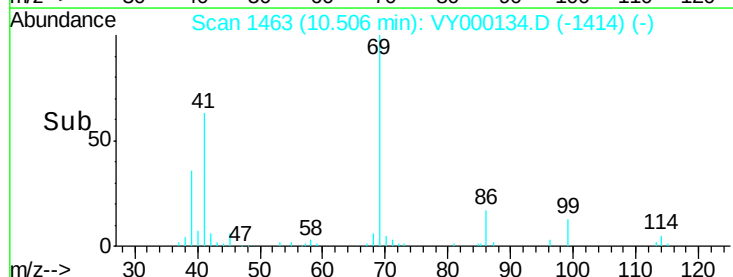
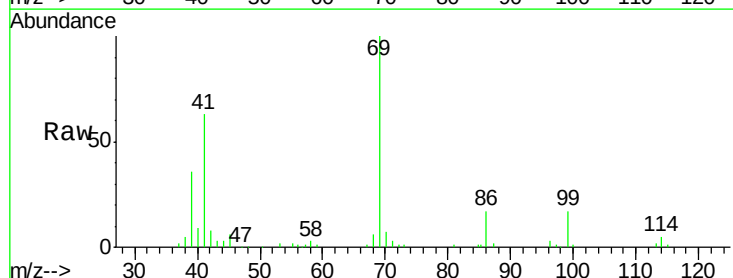
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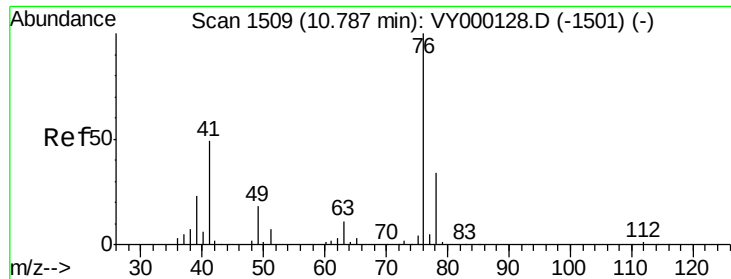
MMDadoda
9/25/2019 12:39:30 AM



#56
Ethyl methacrylate
Concen: 20.010 ug/l
RT: 10.51 min Scan# 1463
Delta R.T. 0.00 min
Lab File: VY000134.D
Acq: 23 Sep 2019 16:16

Tgt Ion:	69	Resp:	34005
Ion	Ratio	Lower	Upper
69	100		
41	59.4	47.9	71.9
39	35.4	27.4	41.0





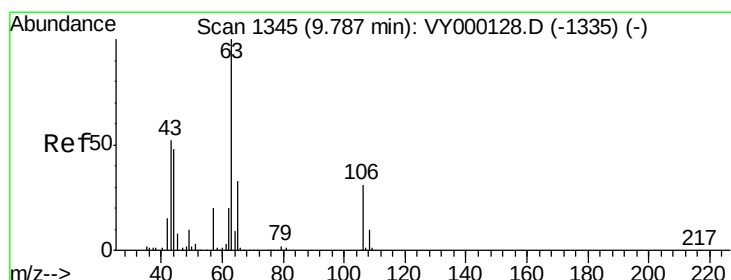
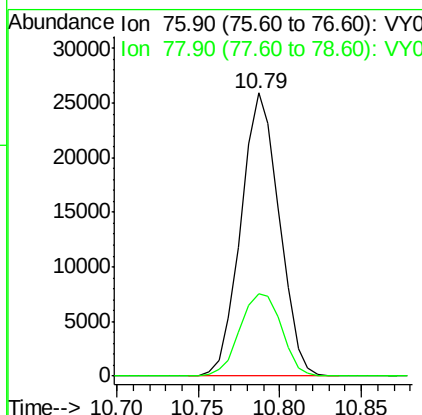
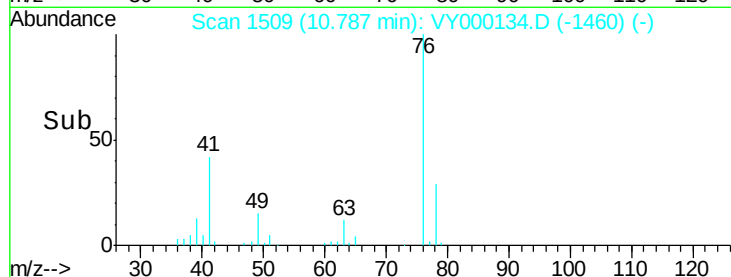
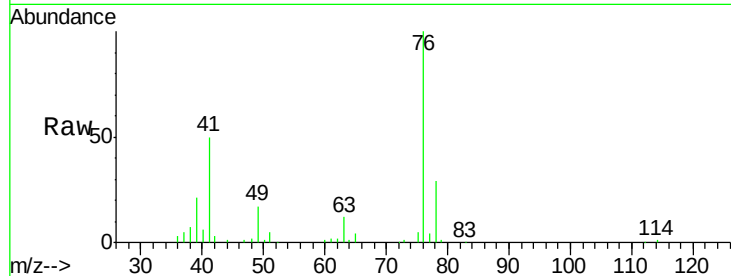
#57
 1,3-Dichloropropane
 Concen: 20.278 ug/l
 RT: 10.79 min Scan# 1509
 Delta R.T. 0.00 min
 Lab File: VY000134.D
 Acq: 23 Sep 2019 16:16

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0923SBS01

Tot Ion: 76 Resp: 42533
 Ion Ratio Lower Upper
 76 100
 78 31.6 26.5 39.7

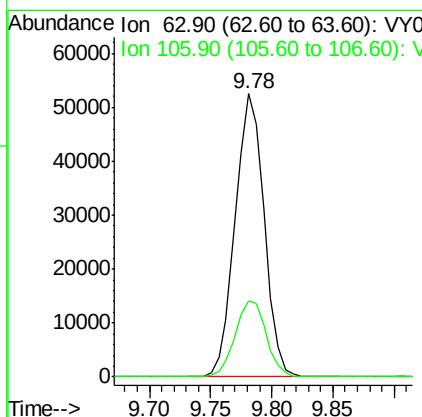
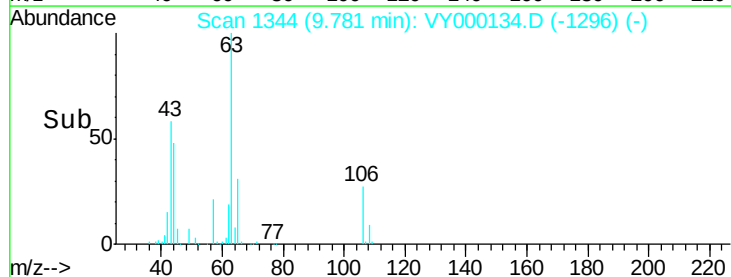
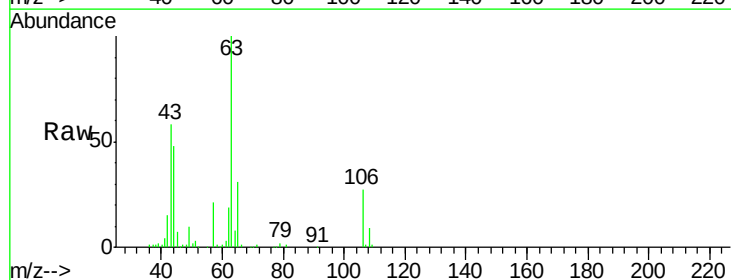
Manual Integrations
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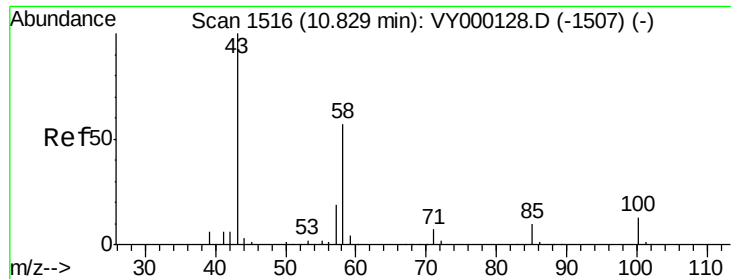
MMDadoda
 9/25/2019 12:39:30 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 102.278 ug/l
 RT: 9.78 min Scan# 1344
 Delta R.T. -0.01 min
 Lab File: VY000134.D
 Acq: 23 Sep 2019 16:16

Tgt Ion: 63 Resp: 85812
 Ion Ratio Lower Upper
 63 100
 106 29.0 23.2 34.8





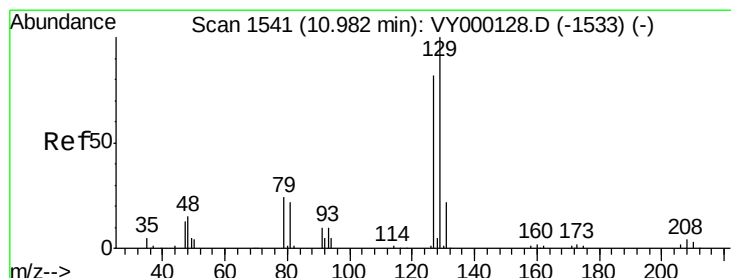
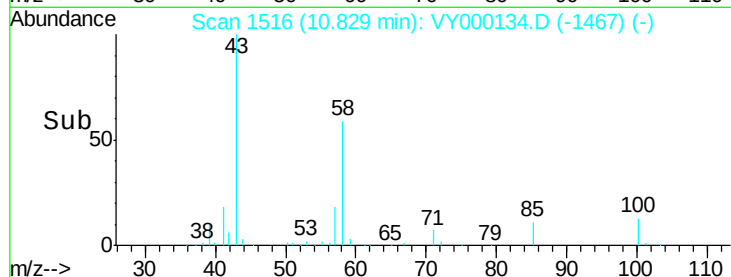
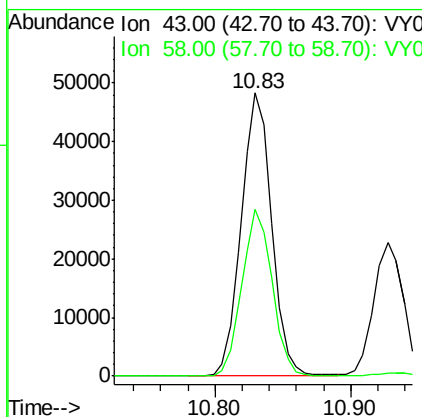
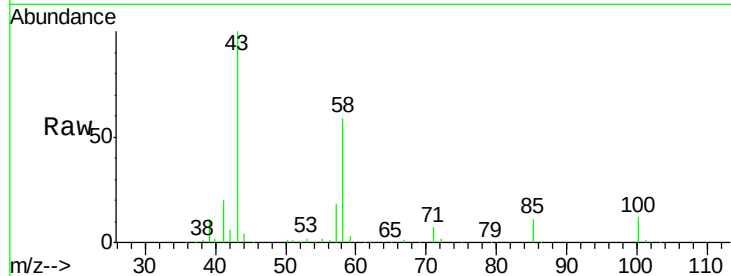
#59
2-Hexanone
Concen: 98.453 ug/l
RT: 10.83 min Scan# 1516
Delta R.T. 0.00 min
Lab File: VY000134.D
Acq: 23 Sep 2019 16:16

Instrument :
MSVOA_Y
ClientSampleId :
VY0923SBS01

Tot Ion: 43 Resp: 75434
Ion Ratio Lower Upper
43 100
58 58.6 29.1 87.3

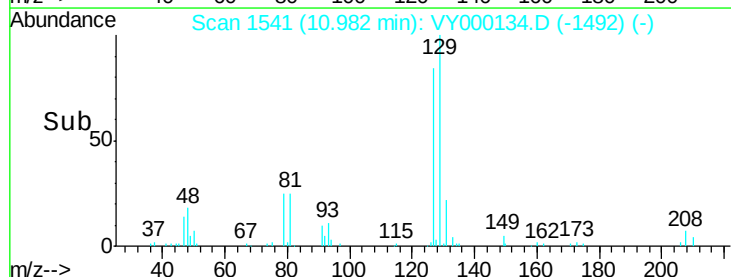
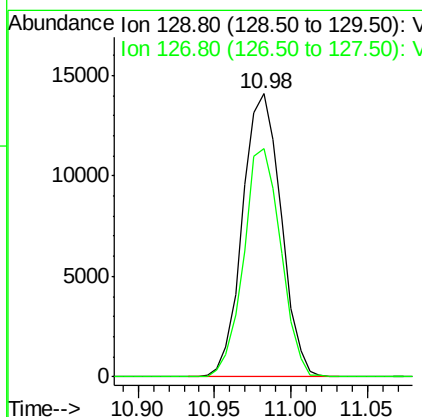
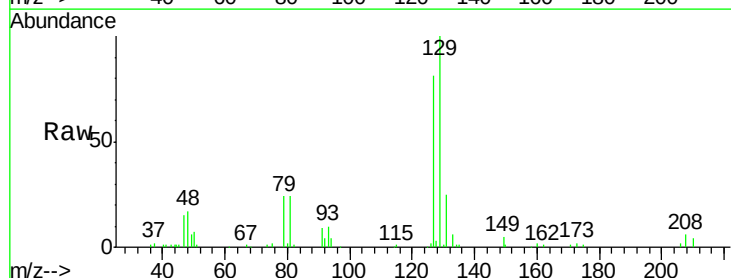
Manual Integrations
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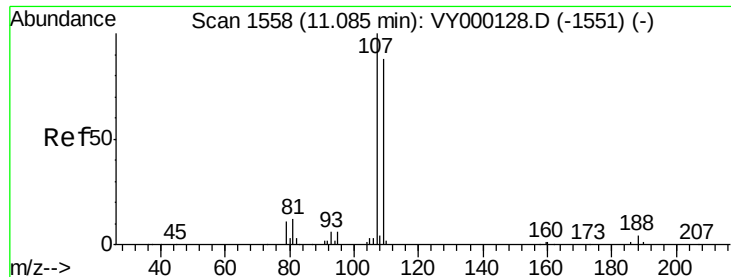
MMDadoda
9/25/2019 12:39:30 AM



#60
Dibromochloromethane
Concen: 19.641 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. 0.00 min
Lab File: VY000134.D
Acq: 23 Sep 2019 16:16

Tgt Ion: 129 Resp: 24766
Ion Ratio Lower Upper
129 100
127 77.6 37.5 112.3





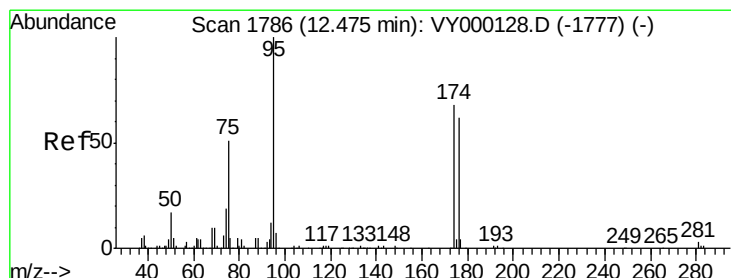
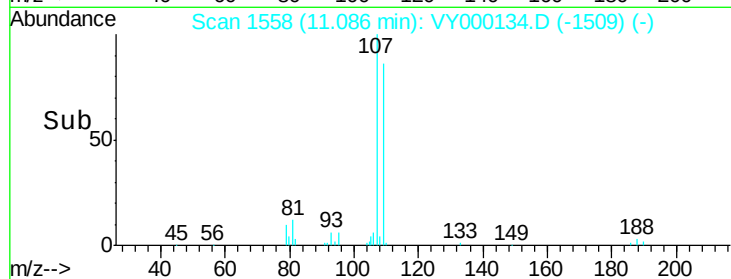
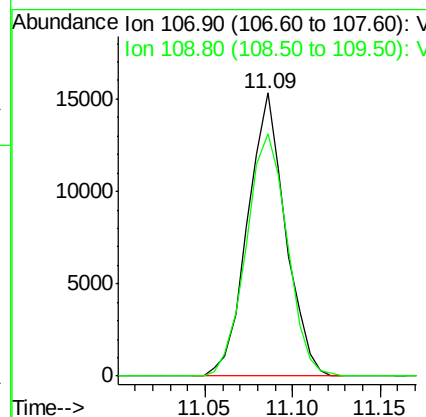
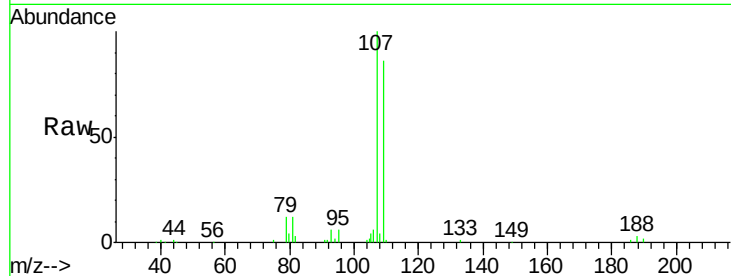
#61
 1,2-Dibromoethane
 Concen: 20.323 ug/l
 RT: 11.09 min Scan# 1558
 Delta R.T. 0.00 min
 Lab File: VY000134.D
 Acq: 23 Sep 2019 16:16

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0923SBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	92.7	74.0	111.0

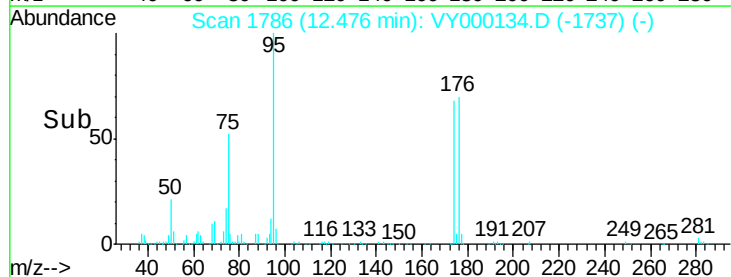
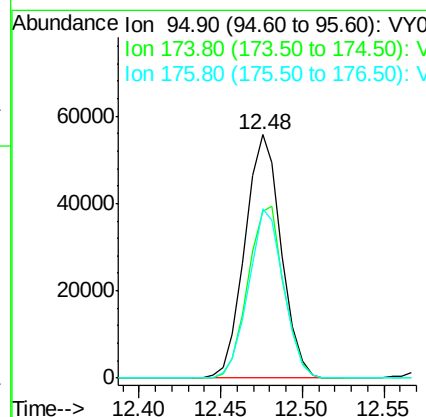
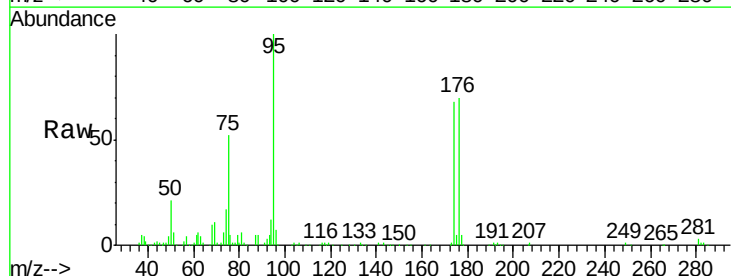
Manual Integrations
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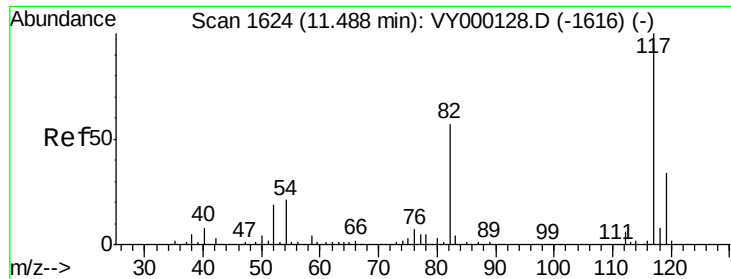
MMDadoda
 9/25/2019 12:39:30 AM



#62
 4-Bromofluorobenzene
 Concen: 46.138 ug/l
 RT: 12.48 min Scan# 1786
 Delta R.T. 0.00 min
 Lab File: VY000134.D
 Acq: 23 Sep 2019 16:16

Tgt Ion	Ratio	Lower	Upper
95	100		
174	70.0	0.0	140.8
176	67.3	0.0	135.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1624

Delta R.T. 0.00 min

Lab File: VY000134.D

Acq: 23 Sep 2019 16:16

Instrument :

MSVOA_Y

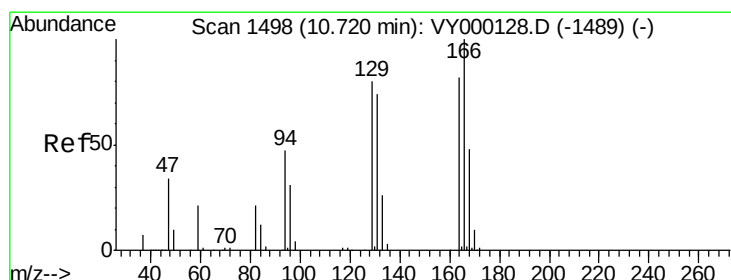
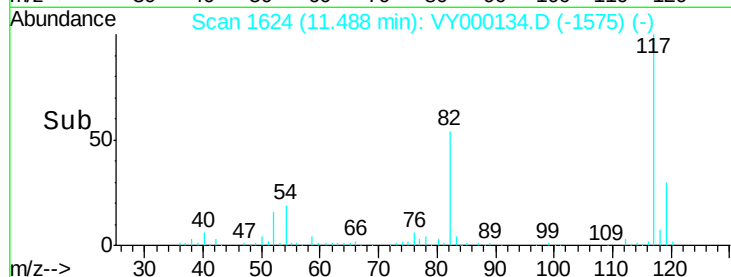
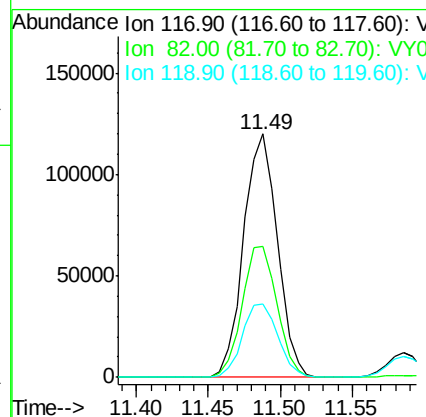
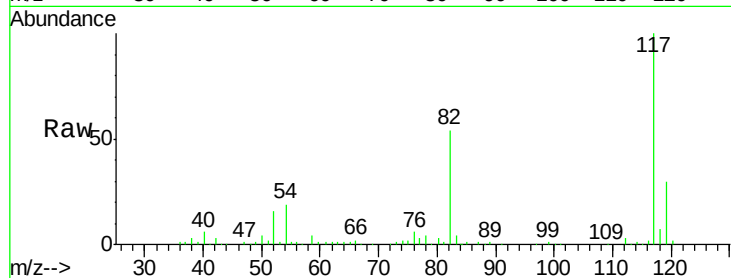
ClientSampleId :

VY0923SBS01

Tot Ion:	117	Resp:	195419
Ion Ratio	Lower	Upper	
117	100		
82	53.7	45.5	68.3
119	30.2	27.3	40.9

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#64

Tetrachloroethene

Concen: 19.476 ug/l

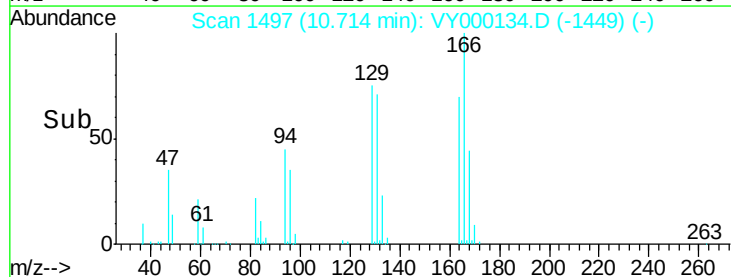
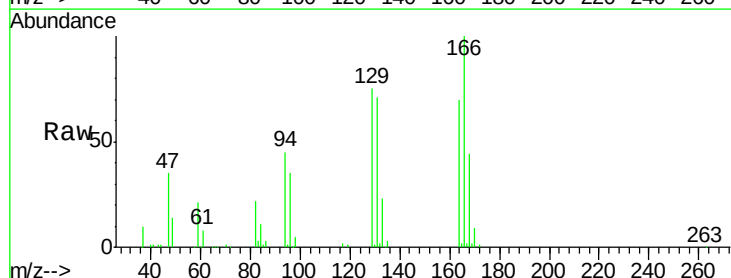
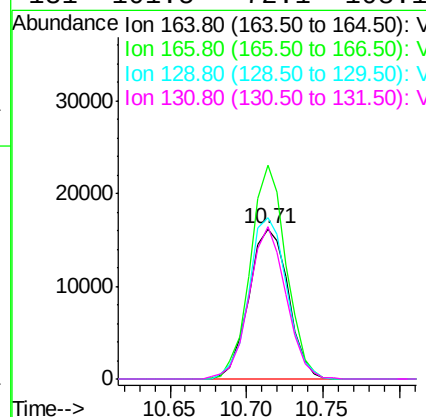
RT: 10.71 min Scan# 1497

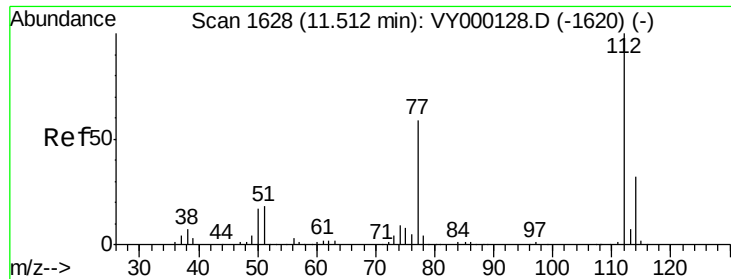
Delta R.T. -0.01 min

Lab File: VY000134.D

Acq: 23 Sep 2019 16:16

Tgt Ion:	164	Resp:	28970
Ion Ratio	Lower	Upper	
164	100		
166	142.5	97.0	145.6
129	107.5	77.6	116.4
131	101.5	72.1	108.1





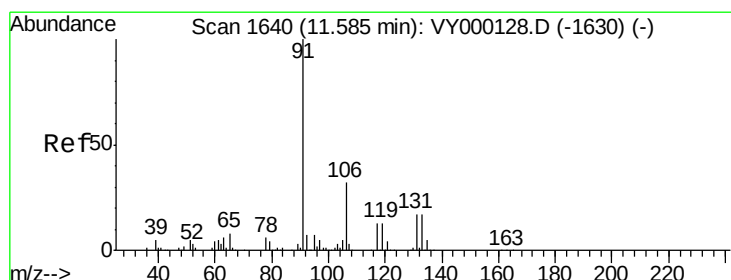
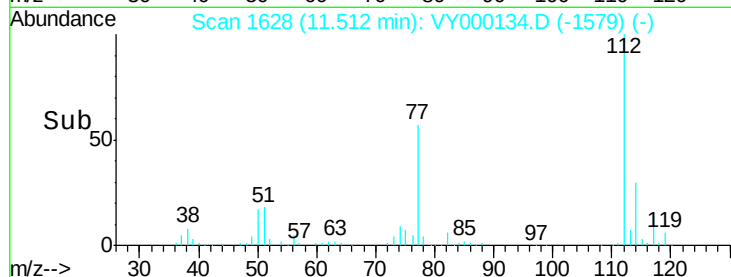
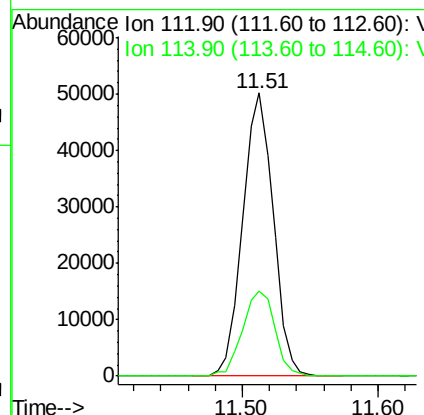
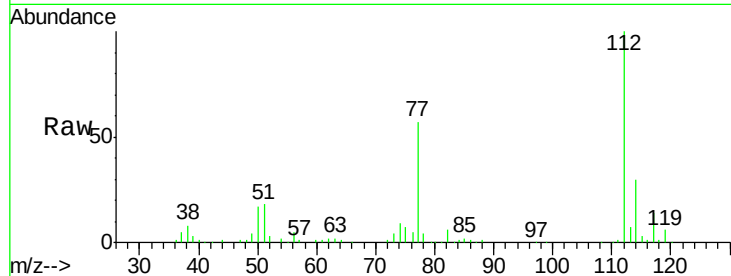
#65
Chlorobenzene
Concen: 19.883 ug/l
RT: 11.51 min Scan# 1628
Delta R.T. 0.00 min
Lab File: VY000134.D
Acq: 23 Sep 2019 16:16

Instrument :
MSVOA_Y
ClientSampleId :
VY0923SBS01

Tot Ion:112 Resp: 78875
Ion Ratio Lower Upper
112 100
114 30.2 25.6 38.4

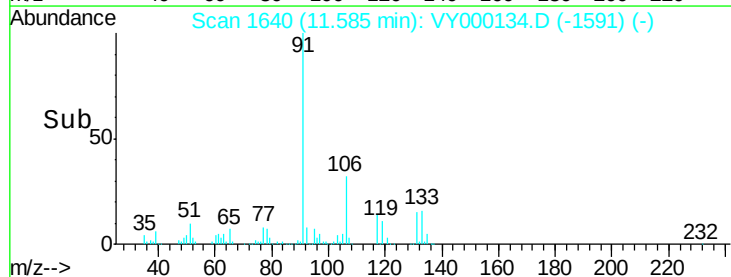
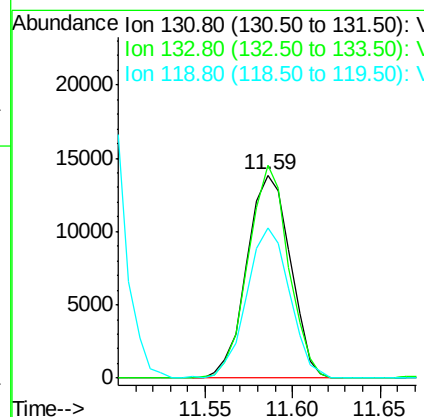
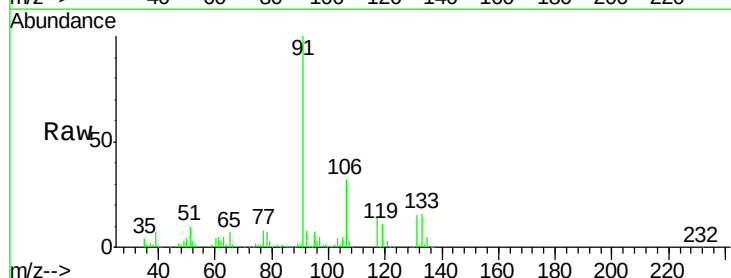
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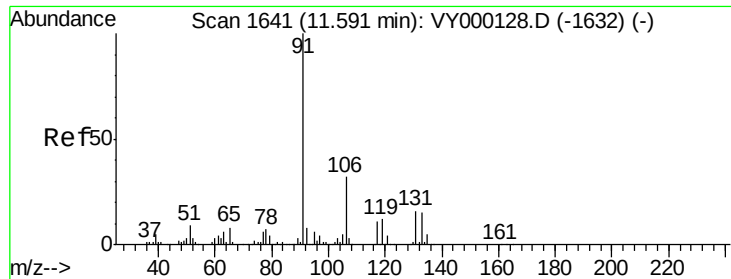
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#66
1,1,1,2-Tetrachloroethane
Concen: 18.828 ug/l
RT: 11.59 min Scan# 1640
Delta R.T. 0.00 min
Lab File: VY000134.D
Acq: 23 Sep 2019 16:16

Tgt Ion:131 Resp: 24000
Ion Ratio Lower Upper
131 100
133 97.2 47.5 142.5
119 73.1 35.4 106.2





#67

Ethyl Benzene

Concen: 19.884 ug/l

RT: 11.59 min Scan# 1640

Delta R.T. -0.01 min

Lab File: VY000134.D

Acq: 23 Sep 2019 16:16

Instrument :

MSVOA_Y

ClientSampleId :

VY0923SBS01

Tot Ion: 91 Resp: 143379

Ion Ratio Lower Upper

91 100

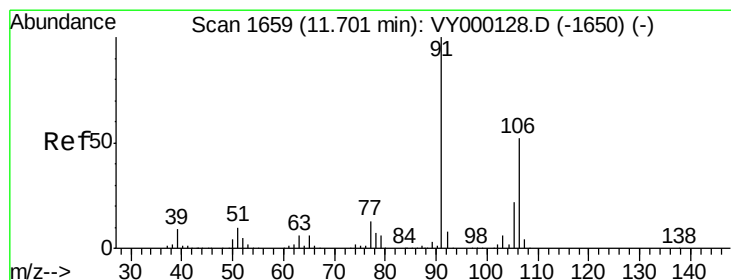
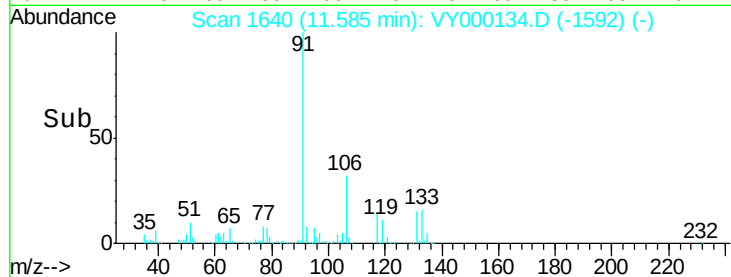
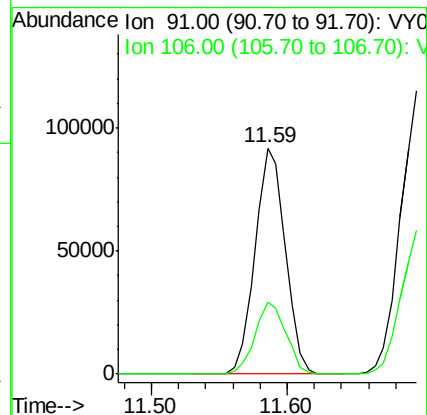
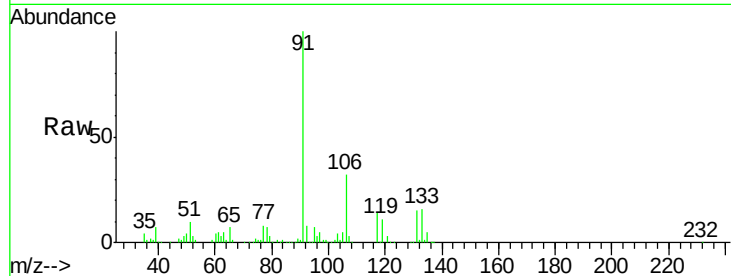
106 32.0 25.6 38.4

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#68

m/p-Xylenes

Concen: 38.485 ug/l

RT: 11.70 min Scan# 1658

Delta R.T. -0.01 min

Lab File: VY000134.D

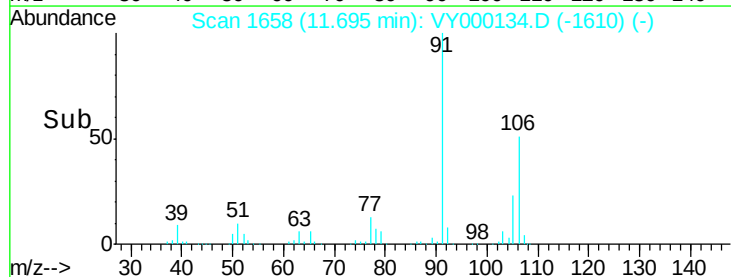
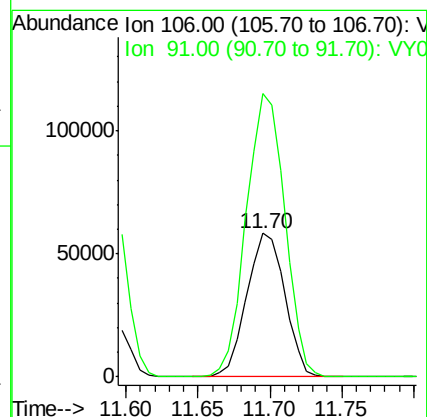
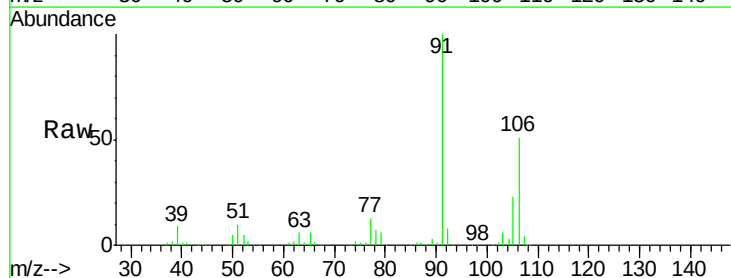
Acq: 23 Sep 2019 16:16

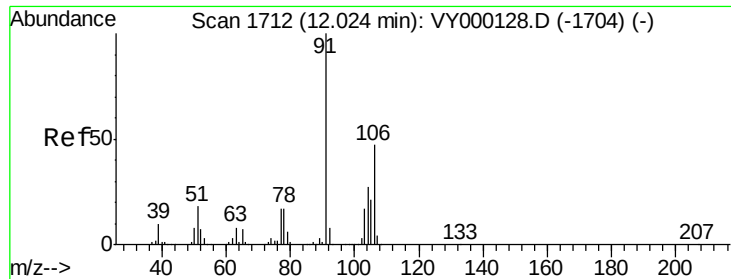
Tgt Ion: 106 Resp: 107018

Ion Ratio Lower Upper

106 100

91 198.9 154.6 232.0





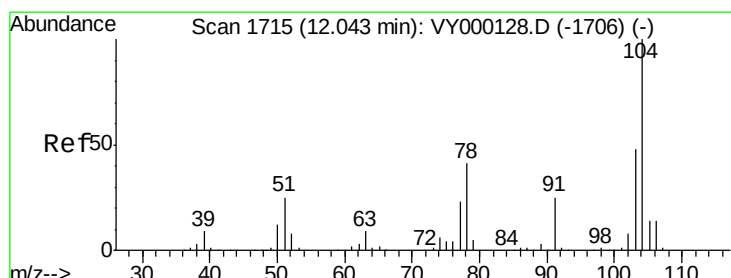
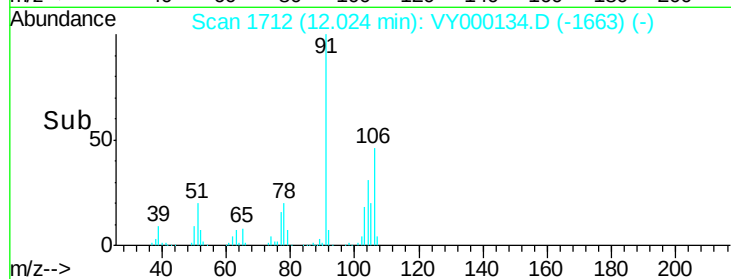
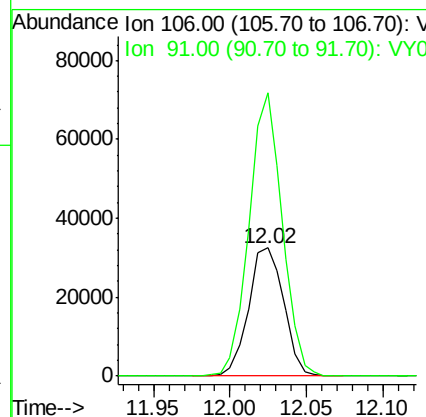
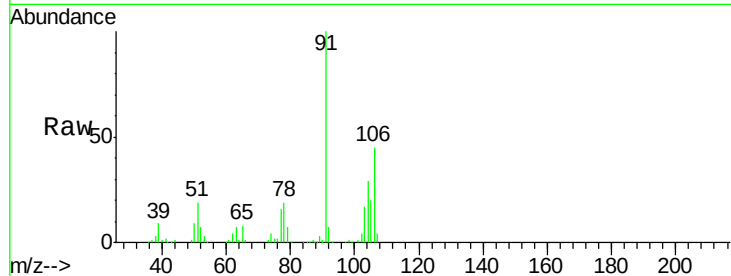
#69
o-Xylene
Concen: 19.555 ug/l
RT: 12.02 min Scan# 1712
Delta R.T. 0.00 min
Lab File: VY000134.D
Acq: 23 Sep 2019 16:16

Instrument :
MSVOA_Y
ClientSampleId :
VY0923SBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		51981		
91	207.8	102.1	306.1		

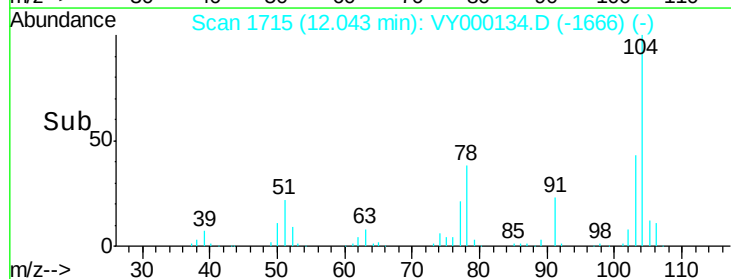
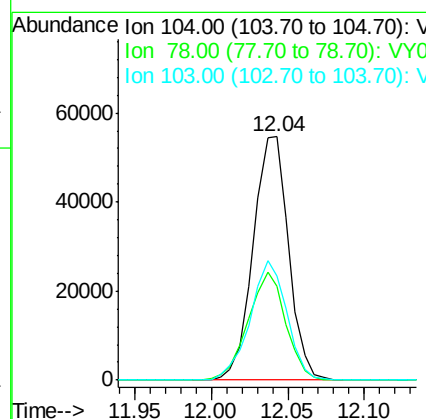
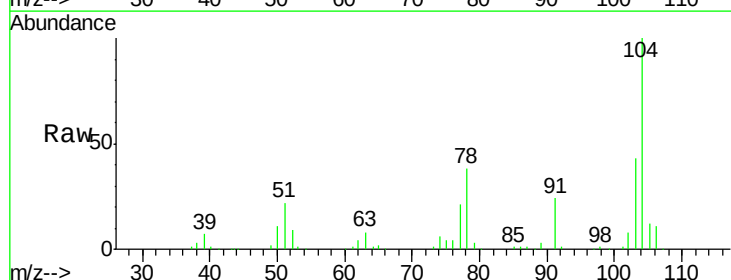
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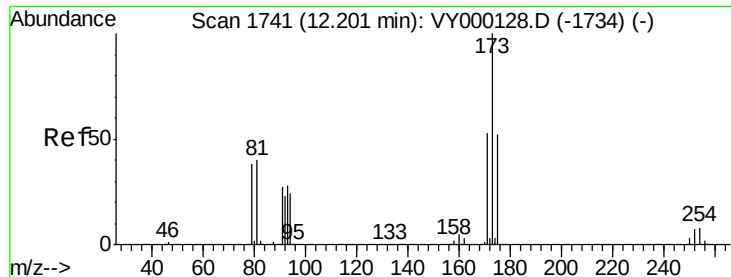
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#70
Styrene
Concen: 19.599 ug/l
RT: 12.04 min Scan# 1715
Delta R.T. 0.00 min
Lab File: VY000134.D
Acq: 23 Sep 2019 16:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		88028		
78	47.0	37.3	55.9		
103	50.8	42.2	63.2		





#71

Bromoform

Concen: 19.836 ug/l

RT: 12.20 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VY000134.D

Acq: 23 Sep 2019 16:16

Instrument :

MSVOA_Y

ClientSampleId :

VY0923SBS01

Tot Ion:173 Resp: 14276

Ion Ratio Lower Upper

173 100

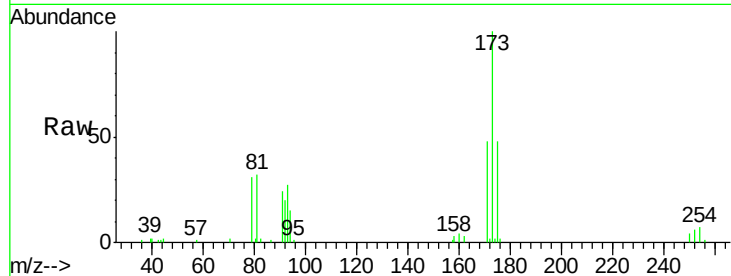
175 48.6 23.9 71.8

254 0.0 0.0 0.0

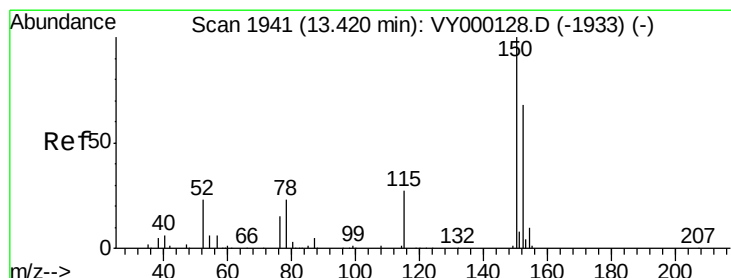
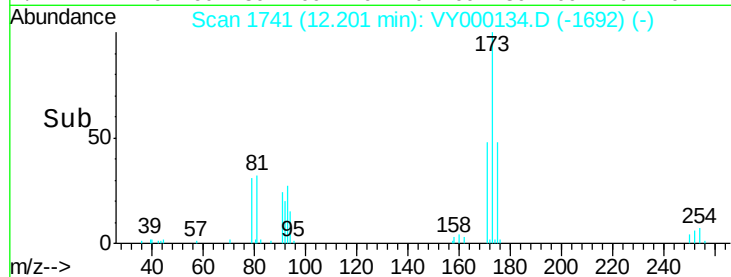
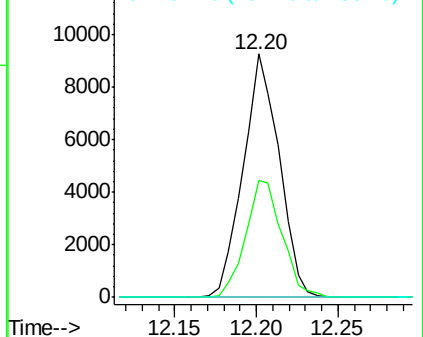
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1941

Delta R.T. 0.00 min

Lab File: VY000134.D

Acq: 23 Sep 2019 16:16

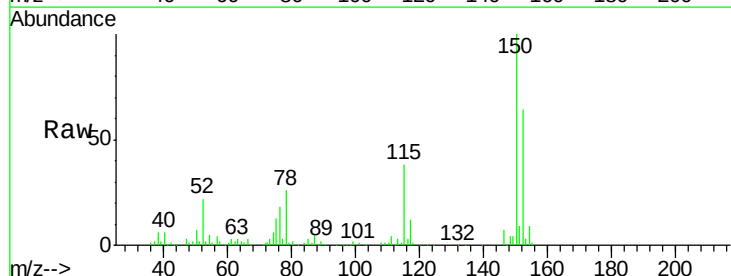
Tgt Ion:152 Resp: 84680

Ion Ratio Lower Upper

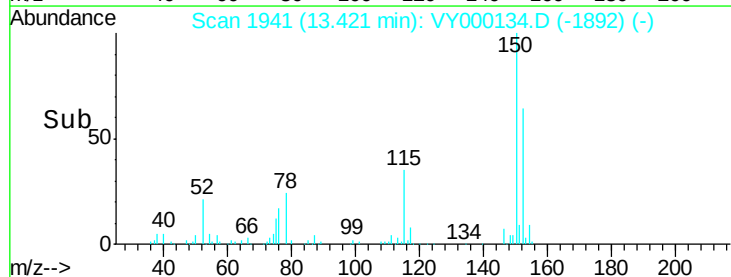
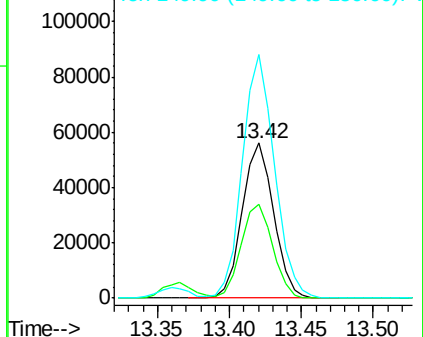
152 100

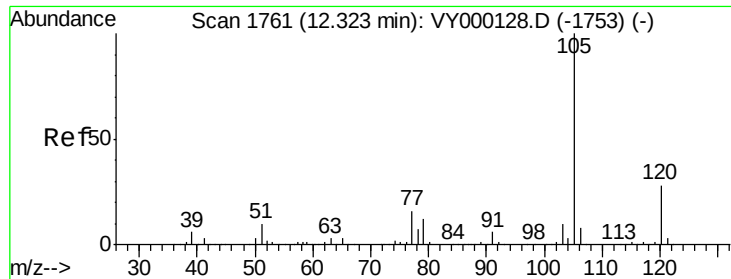
115 60.8 30.8 92.3

150 160.4 0.0 354.6



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





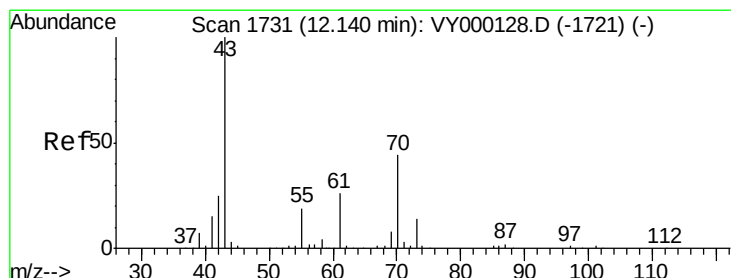
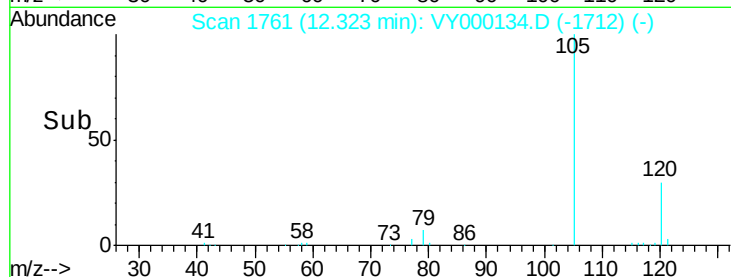
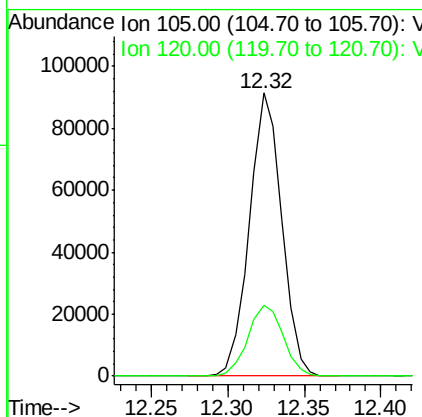
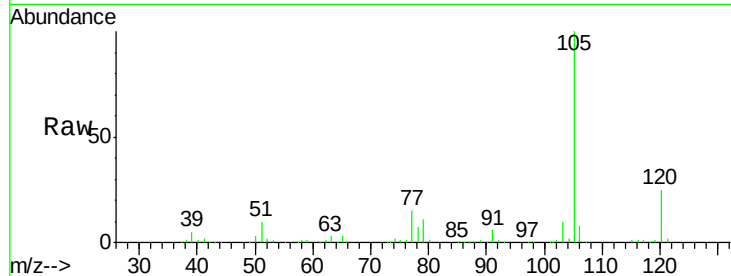
#73
Isopropylbenzene
Concen: 19.884 ug/l
RT: 12.32 min Scan# 1761
Delta R.T. 0.00 min
Lab File: VY000134.D
Acq: 23 Sep 2019 16:16

Instrument :
MSVOA_Y
ClientSampleId :
VY0923SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
120	27.3	13.8	41.3

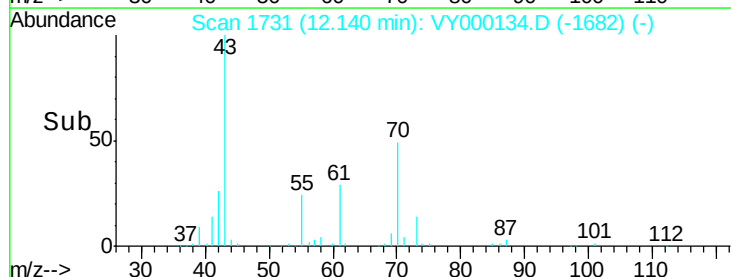
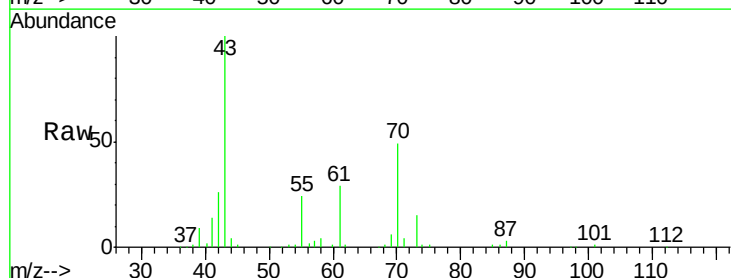
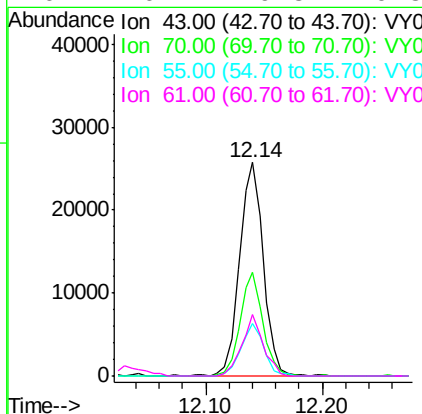
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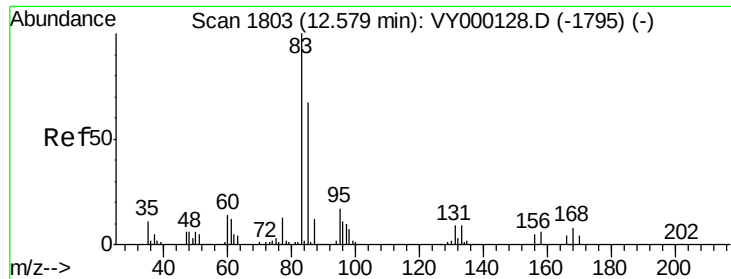
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#74
N-ethyl acetate
Concen: 19.456 ug/l
RT: 12.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VY000134.D
Acq: 23 Sep 2019 16:16

Tgt Ion	Ratio	Lower	Upper
43	100		
70	46.3	35.7	53.5
55	23.6	17.2	25.8
61	26.1	19.8	29.8





#75

1,1,2,2-Tetrachloroethane

Concen: 20.287 ug/l

RT: 12.58 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VY000134.D

Acq: 23 Sep 2019 16:16

Instrument :

MSVOA_Y

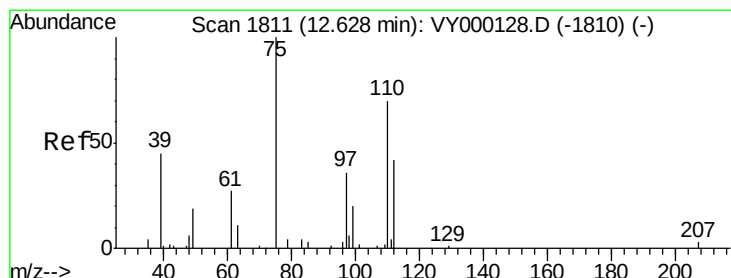
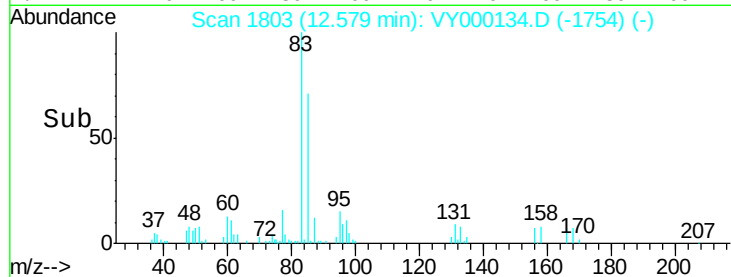
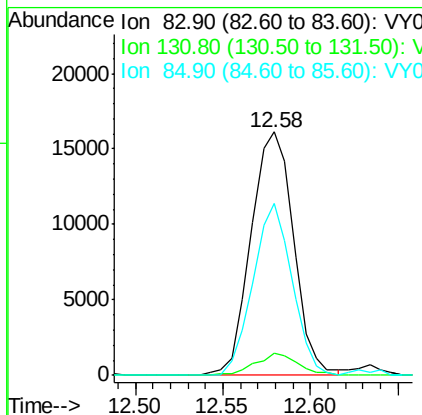
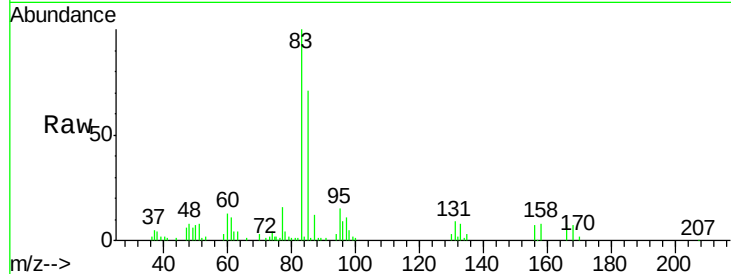
ClientSampleId :

VY0923SBS01

Tot Ion:	83	Resp:	27310
Ion Ratio	Lower	Upper	
83	100		
131	9.0	4.9	14.6
85	64.7	32.0	96.0

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#76

1,2,3-Trichloropropane

Concen: 17.533 ug/l m

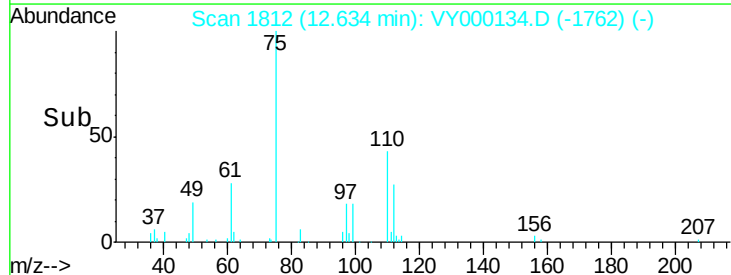
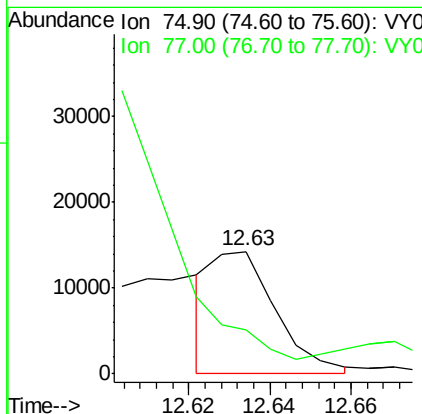
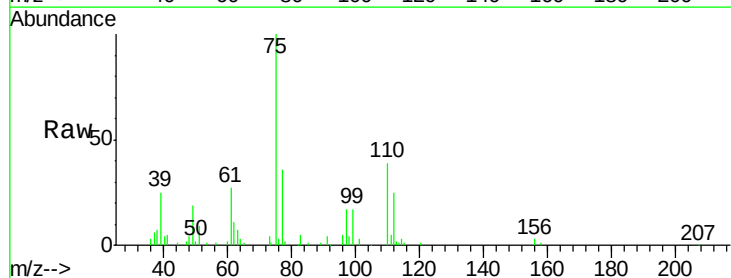
RT: 12.63 min Scan# 1812

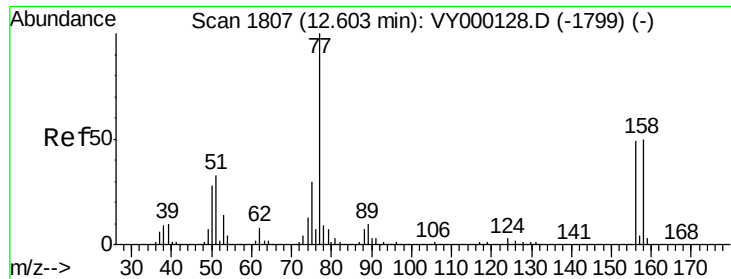
Delta R.T. 0.01 min

Lab File: VY000134.D

Acq: 23 Sep 2019 16:16

Tgt Ion:	75	Resp:	15559
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 19.642 ug/l

RT: 12.60 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VY000134.D

Acq: 23 Sep 2019 16:16

Instrument :

MSVOA_Y

ClientSampleId :

VY0923SBS01

Tot Ion:156 Resp: 27693

Ion Ratio Lower Upper

156 100

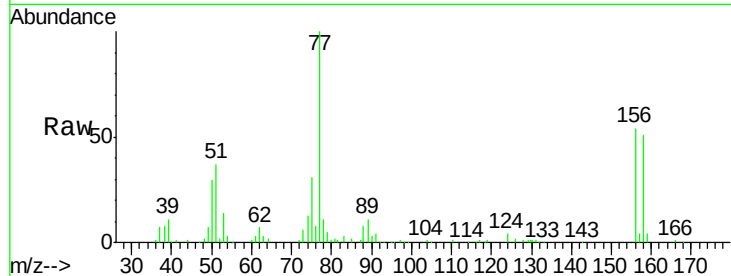
77 214.3 105.0 314.9

158 97.1 48.4 145.2

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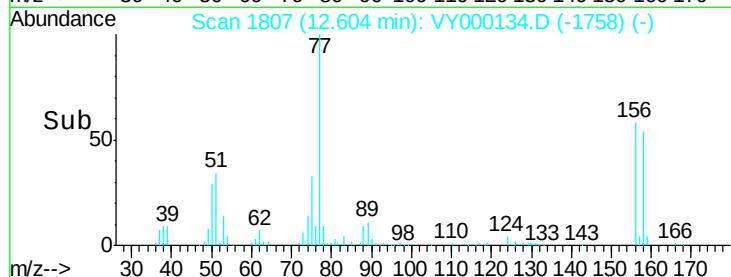


Abundance Ion 155.80 (155.50 to 156.50): V

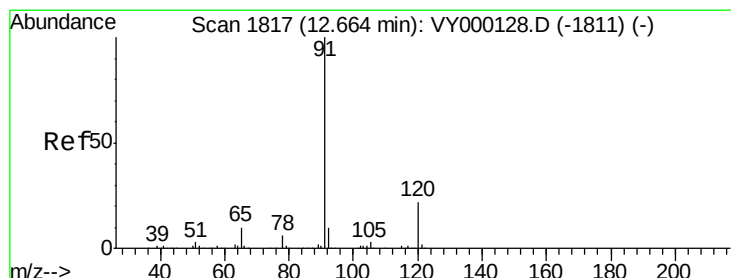
Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V

Time-->



Time-->



#78

n-propylbenzene

Concen: 19.450 ug/l

RT: 12.66 min Scan# 1817

Delta R.T. 0.00 min

Lab File: VY000134.D

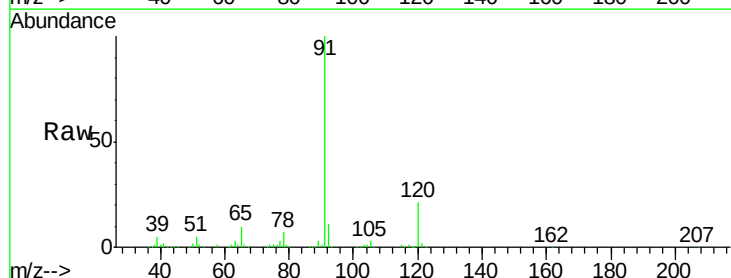
Acq: 23 Sep 2019 16:16

Tgt Ion: 91 Resp: 162185

Ion Ratio Lower Upper

91 100

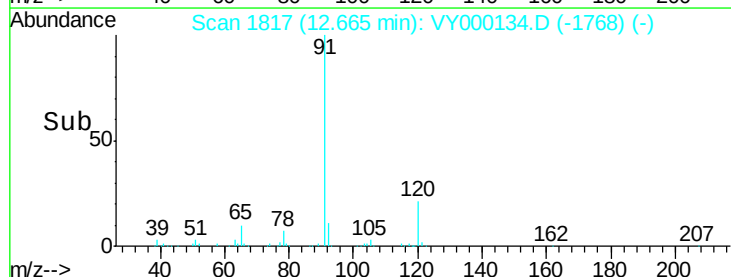
120 23.1 11.6 34.7



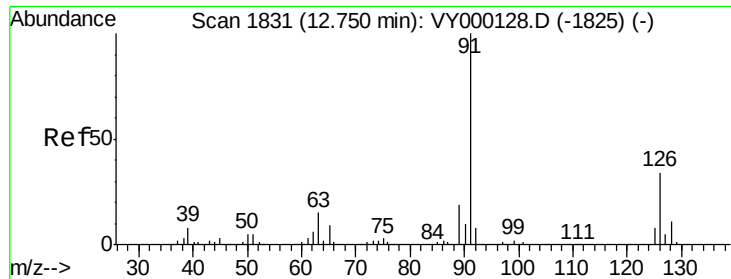
Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

Time-->



Time-->



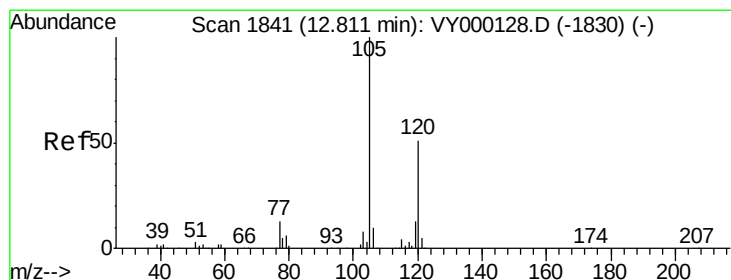
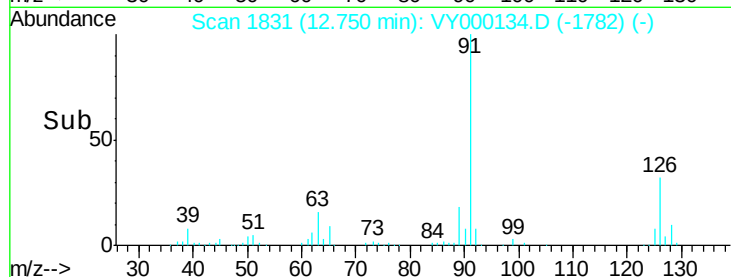
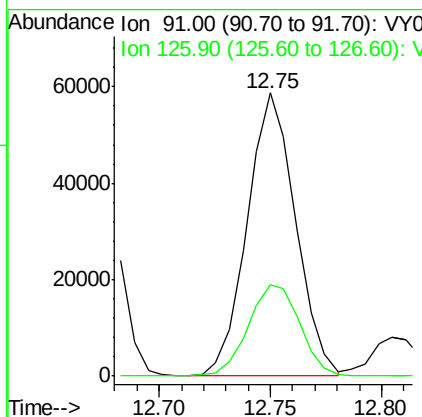
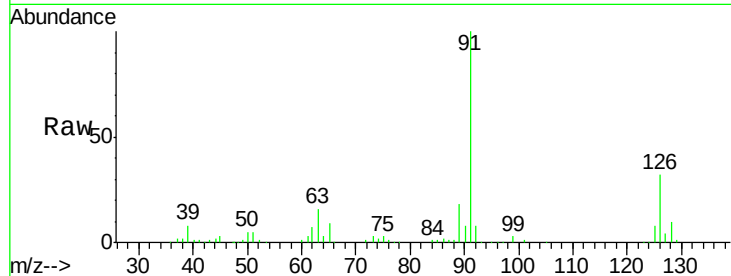
#79
 2-Chlorotoluene
 Concen: 19.334 ug/l
 RT: 12.75 min Scan# 1831
 Delta R.T. 0.00 min
 Lab File: VY000134.D
 Acq: 23 Sep 2019 16:16

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0923SBS01

Tot Ion: 91 Resp: 88500
 Ion Ratio Lower Upper
 91 100
 126 34.5 17.5 52.5

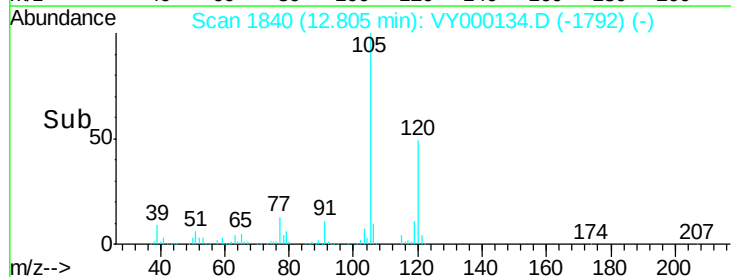
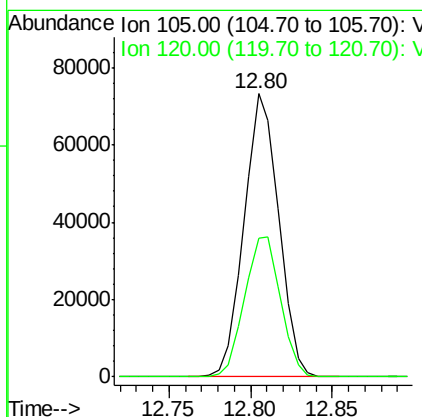
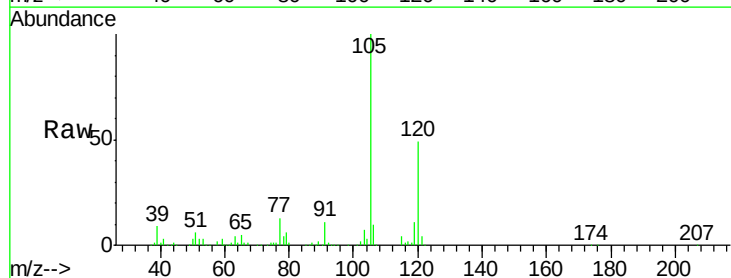
Manual Integrations
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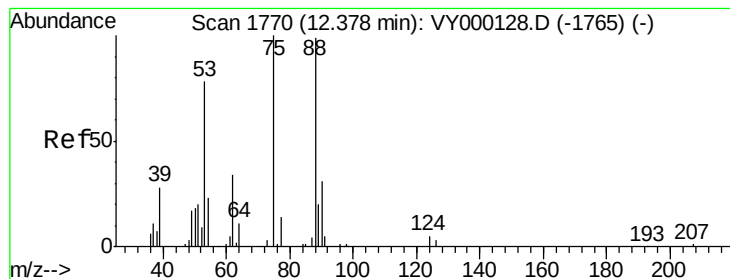
MMDadoda
 9/25/2019 12:39:30 AM



#80
 1,3,5-Trimethylbenzene
 Concen: 19.202 ug/l
 RT: 12.80 min Scan# 1840
 Delta R.T. -0.01 min
 Lab File: VY000134.D
 Acq: 23 Sep 2019 16:16

Tgt Ion: 105 Resp: 108341
 Ion Ratio Lower Upper
 105 100
 120 51.5 25.3 75.8





#81

trans-1,4-Dichloro-2-butene

Concen: 19.324 ug/l

RT: 12.37 min Scan# 1769

Delta R.T. -0.01 min

Lab File: VY000134.D

Acq: 23 Sep 2019 16:16

Instrument :

MSVOA_Y

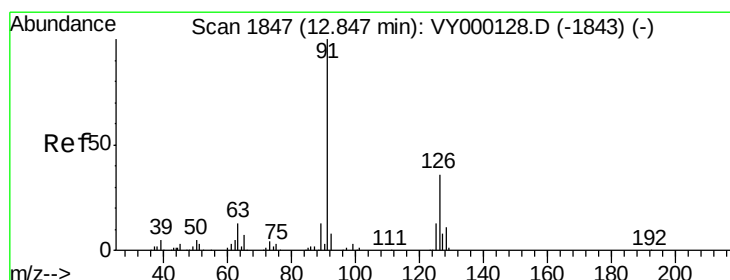
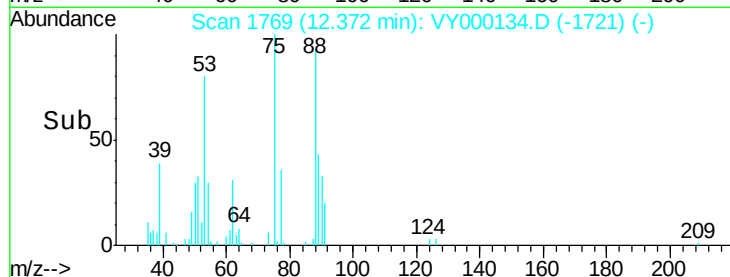
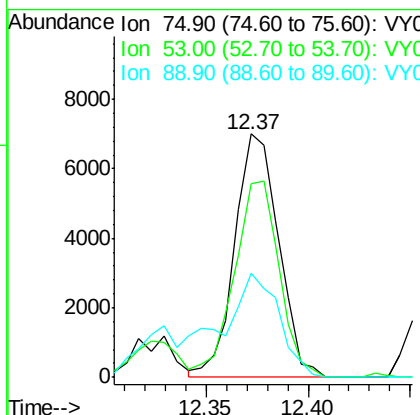
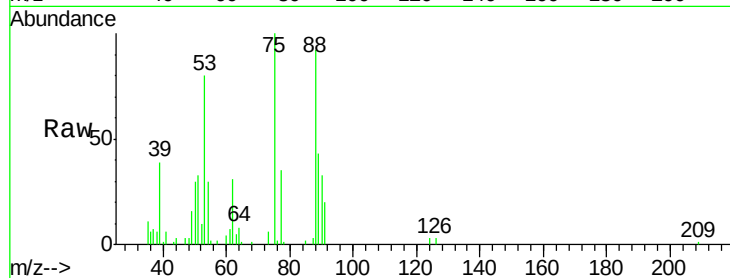
ClientSampleId :

VY0923SBS01

Tot Ion:	75	Resp:	10433
Ion Ratio	Lower	Upper	
75	100		
53	82.7	62.5	93.7
89	53.4	31.4	47.2#

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#82

4-Chlorotoluene

Concen: 20.097 ug/l

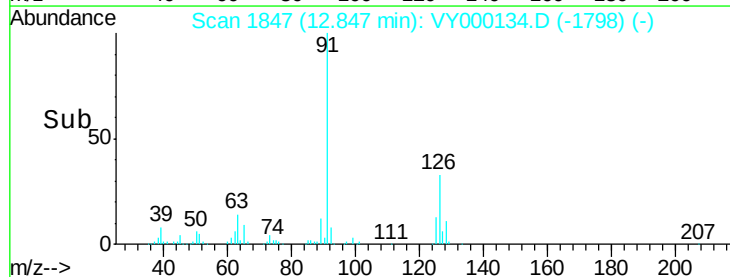
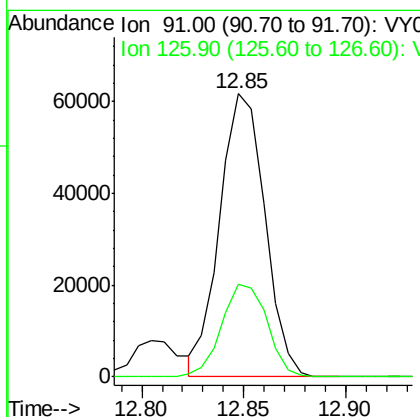
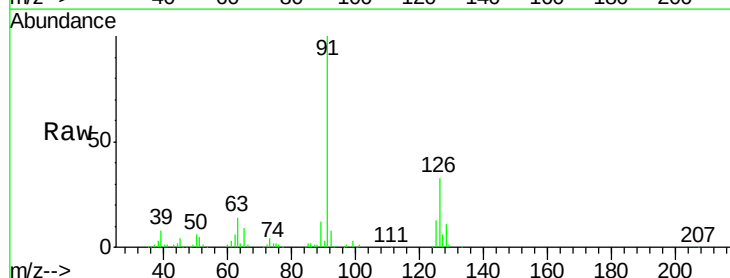
RT: 12.85 min Scan# 1847

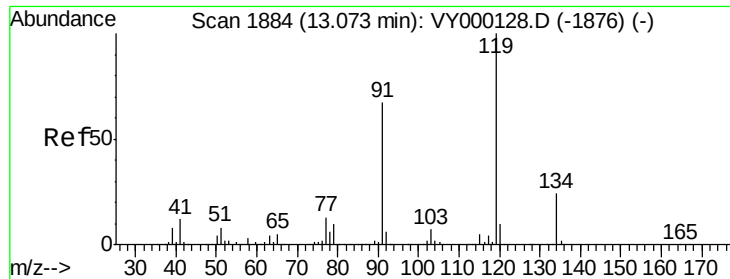
Delta R.T. 0.00 min

Lab File: VY000134.D

Acq: 23 Sep 2019 16:16

Tgt Ion:	91	Resp:	94883
Ion Ratio	Lower	Upper	
91	100		
126	33.1	17.3	51.9





#83

tert-Butylbenzene

Concen: 19.791 ug/l

RT: 13.07 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VY000134.D

Acq: 23 Sep 2019 16:16

Instrument :

MSVOA_Y

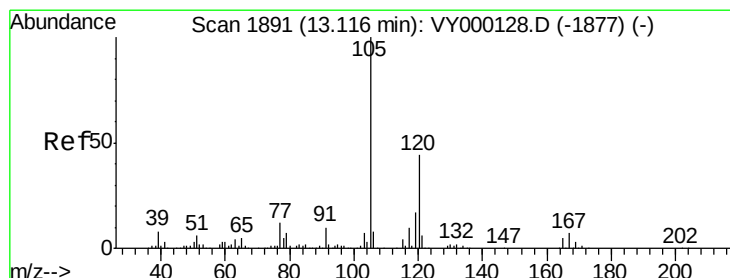
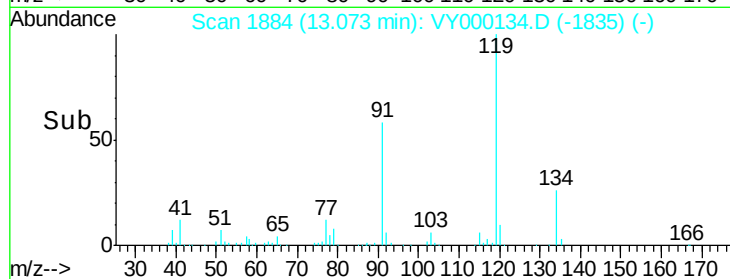
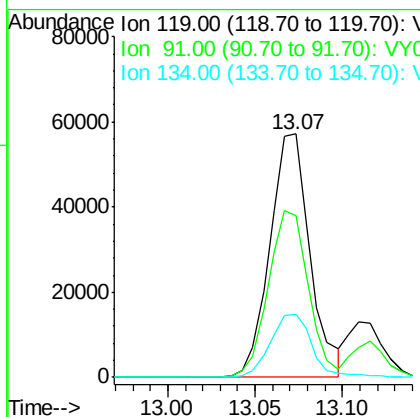
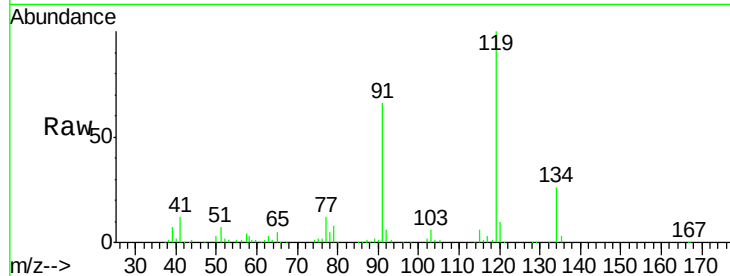
ClientSampleId :

VY0923SBS01

Tot Ion:119	Resp:	91473
Ion Ratio	Lower	Upper
119 100		
91 68.1	33.6	100.8
134 27.2	12.6	37.6

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#84

1,2,4-Trimethylbenzene

Concen: 19.469 ug/l

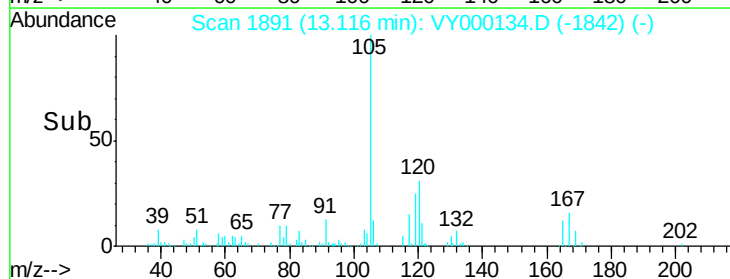
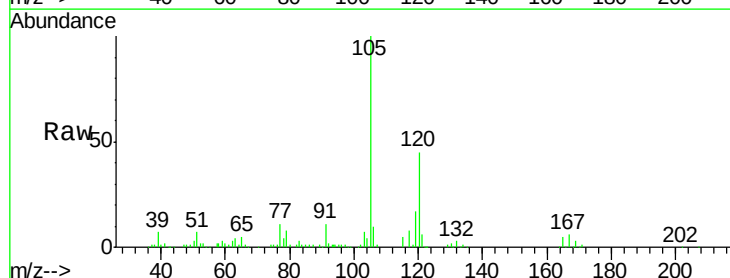
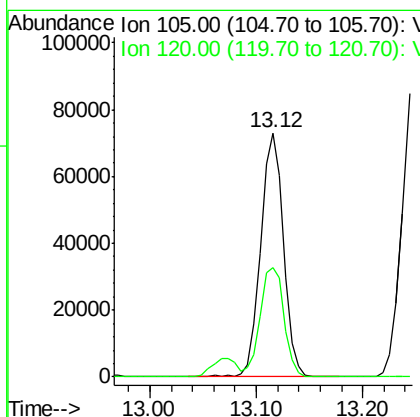
RT: 13.12 min Scan# 1891

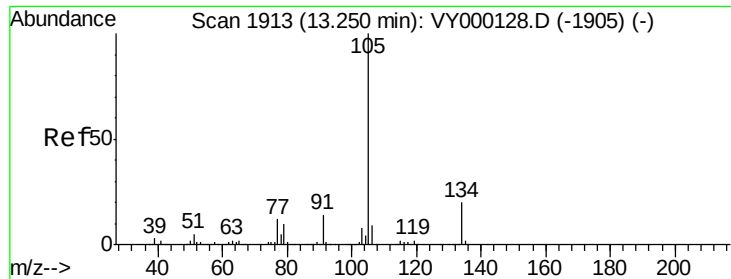
Delta R.T. 0.00 min

Lab File: VY000134.D

Acq: 23 Sep 2019 16:16

Tgt Ion:105	Resp:	109626
Ion Ratio	Lower	Upper
105 100		
120 47.2	22.9	68.8





#85

sec-Butylbenzene

Concen: 19.319 ug/l

RT: 13.25 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VY000134.D

Acq: 23 Sep 2019 16:16

Instrument :

MSVOA_Y

ClientSampleId :

VY0923SBS01

Tot Ion:105 Resp: 133479

Ion Ratio Lower Upper

105 100

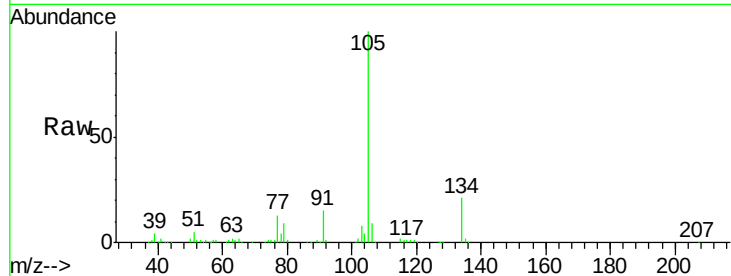
134 20.3 10.2 30.4

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.25

100000

80000

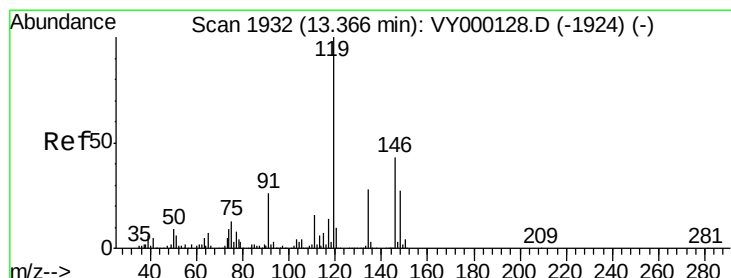
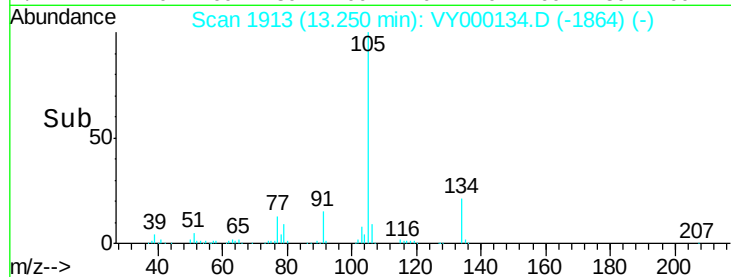
60000

40000

20000

0

Time-->



#86

p-Isopropyltoluene

Concen: 19.586 ug/l

RT: 13.37 min Scan# 1932

Delta R.T. 0.00 min

Lab File: VY000134.D

Acq: 23 Sep 2019 16:16

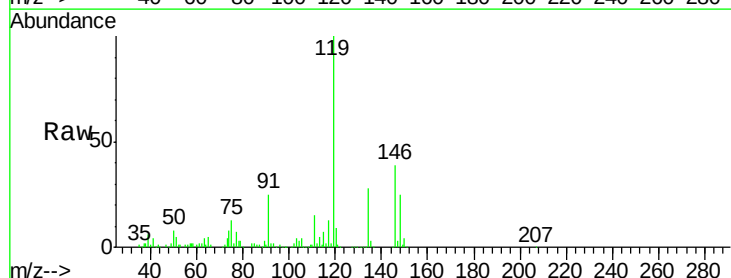
Tgt Ion:119 Resp: 115378

Ion Ratio Lower Upper

119 100

134 26.6 13.6 40.8

91 25.6 12.8 38.3



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

13.37

100000

80000

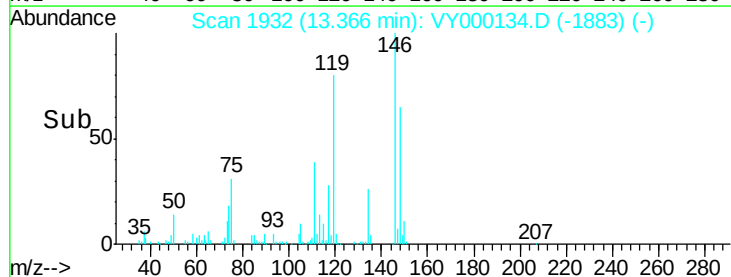
60000

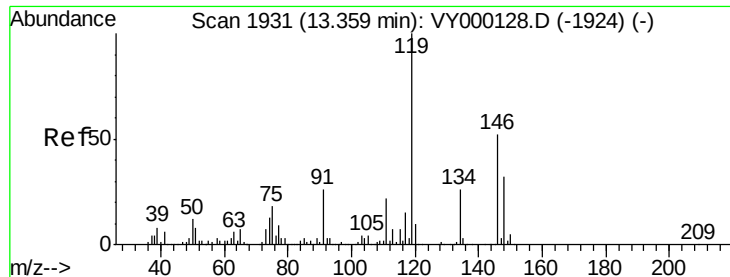
40000

20000

0

Time-->





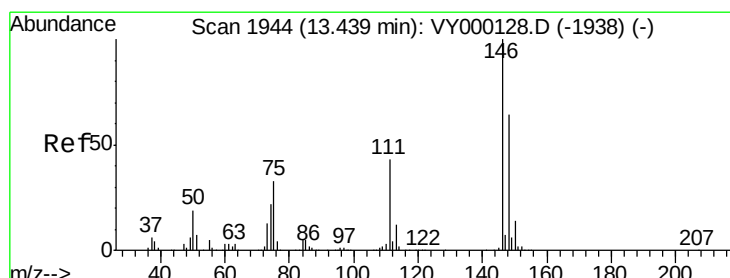
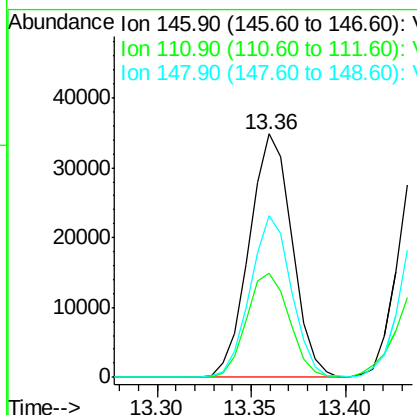
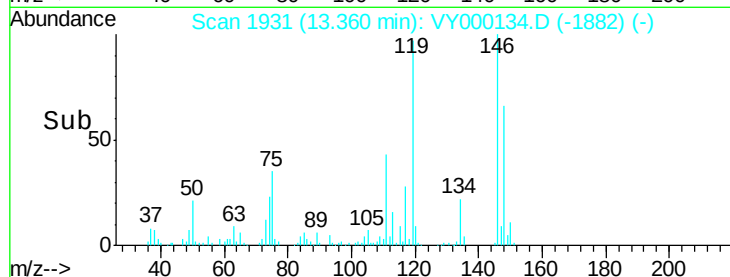
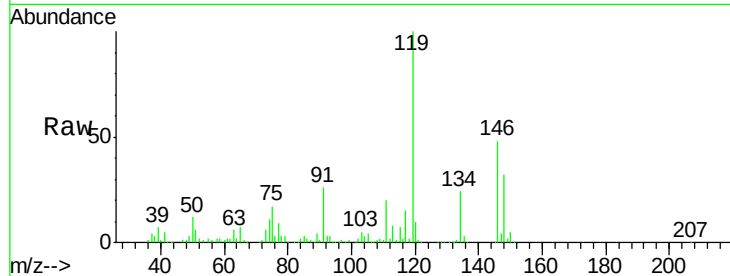
#87
 1,3-Dichlorobenzene
 Concen: 19.882 ug/l
 RT: 13.36 min Scan# 1931
 Delta R.T. 0.00 min
 Lab File: VY000134.D
 Acq: 23 Sep 2019 16:16

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0923SBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	54846		
111	42.6	20.4	61.2	
148	63.8	31.9	95.5	

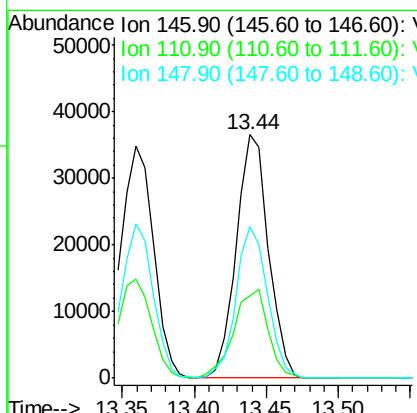
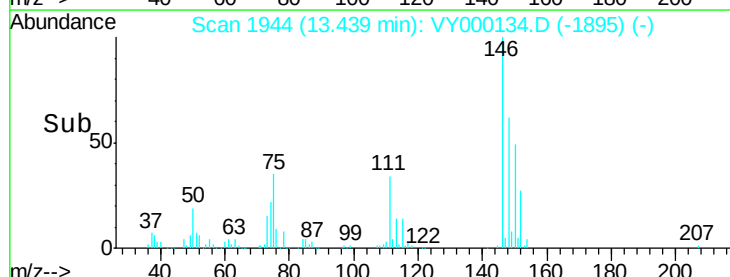
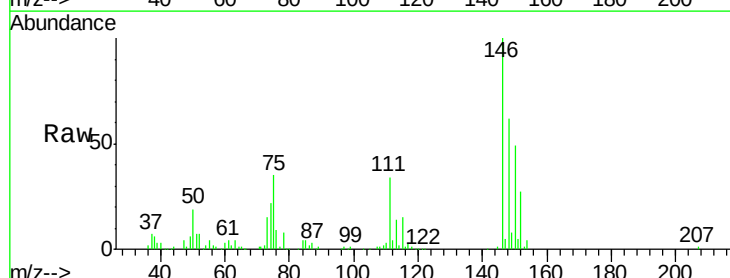
Manual Integrations
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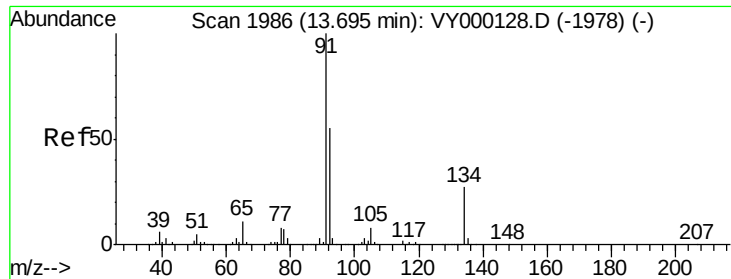
MMDadoda
 9/25/2019 12:39:30 AM



#88
 1,4-Dichlorobenzene
 Concen: 20.186 ug/l
 RT: 13.44 min Scan# 1944
 Delta R.T. 0.00 min
 Lab File: VY000134.D
 Acq: 23 Sep 2019 16:16

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	56839		
111	39.1	20.6	61.8	
148	61.0	31.6	95.0	





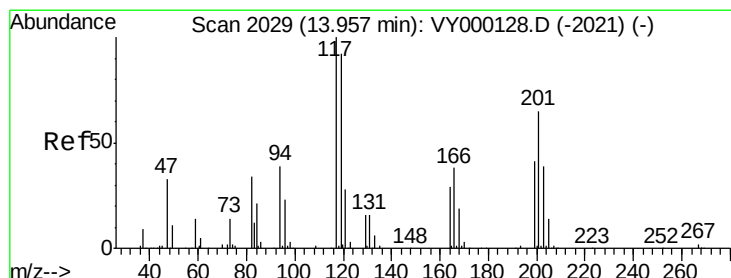
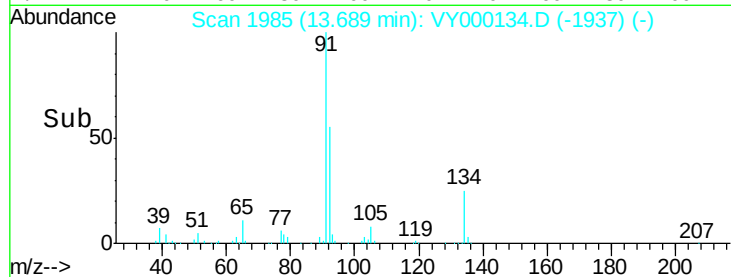
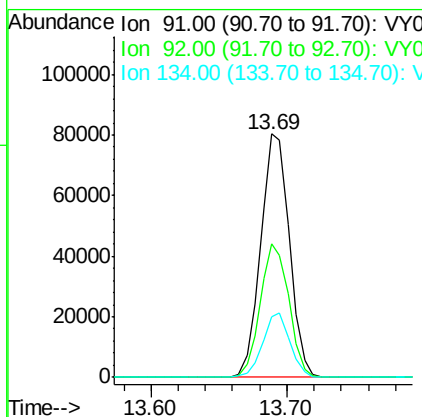
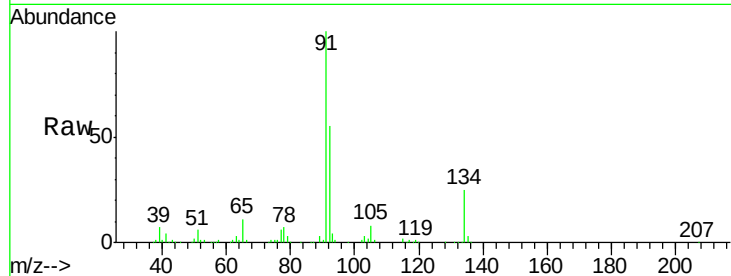
#89
n-Butylbenzene
Concen: 19.730 ug/l
RT: 13.69 min Scan# 1985
Delta R.T. -0.01 min
Lab File: VY000134.D
Acq: 23 Sep 2019 16:16

Instrument :
MSVOA_Y
ClientSampleId :
VY0923SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.4	27.2	81.5
134	25.2	12.9	38.7

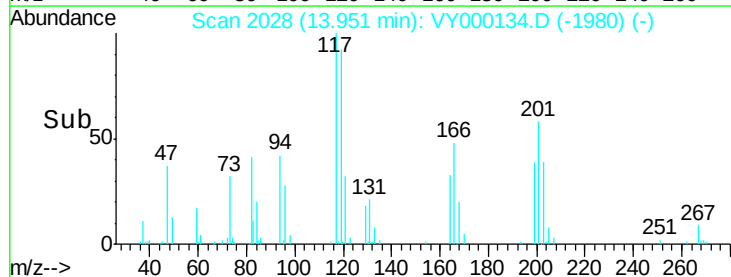
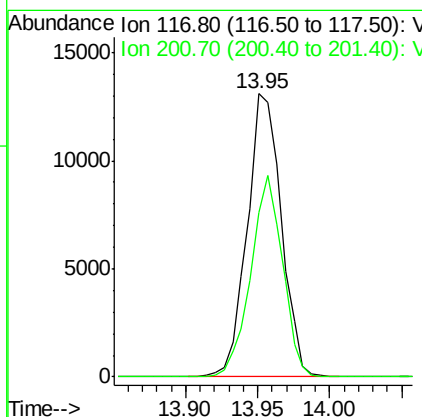
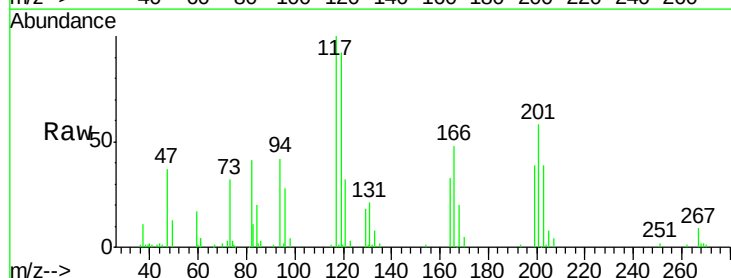
Manual Integrations
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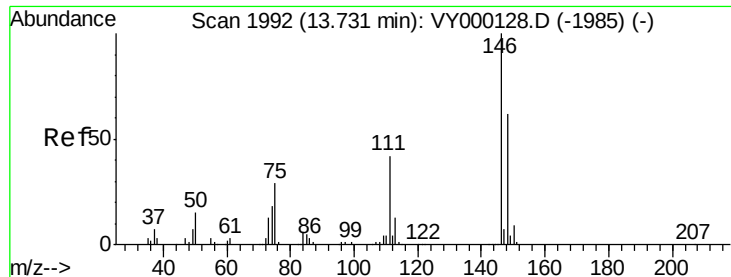
MMDadoda
9/25/2019 12:39:30 AM



#90
Hexachloroethane
Concen: 18.353 ug/l
RT: 13.95 min Scan# 2028
Delta R.T. -0.01 min
Lab File: VY000134.D
Acq: 23 Sep 2019 16:16

Tgt Ion	Ratio	Lower	Upper
117	100		
201	66.2	30.1	90.5





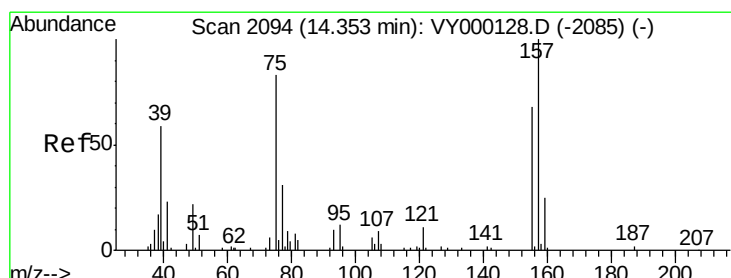
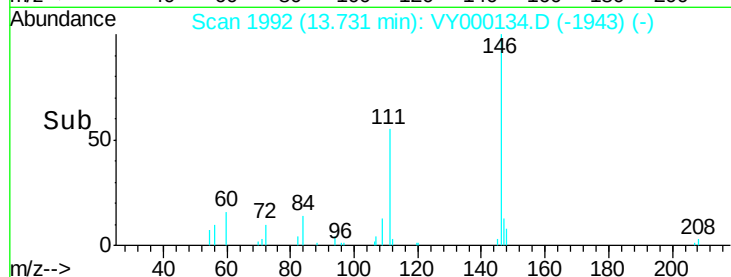
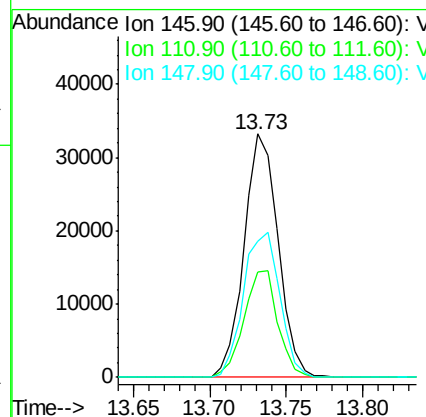
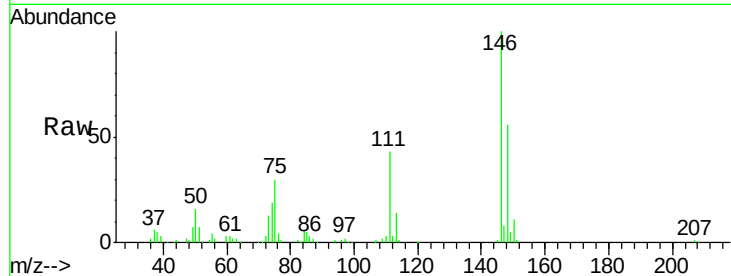
#91
 1,2-Dichlorobenzene
 Concen: 19.725 ug/l
 RT: 13.73 min Scan# 1992
 Delta R.T. 0.00 min
 Lab File: VY000134.D
 Acq: 23 Sep 2019 16:16

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0923SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.7	21.7	65.1
148	63.6	31.5	94.5

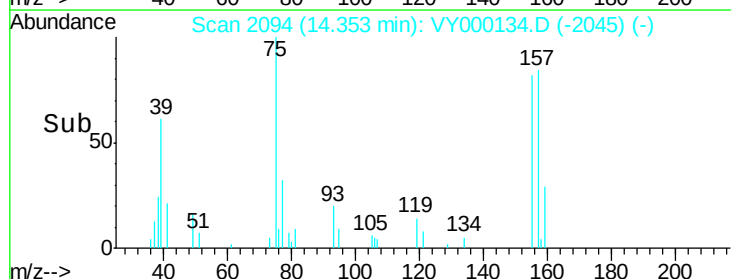
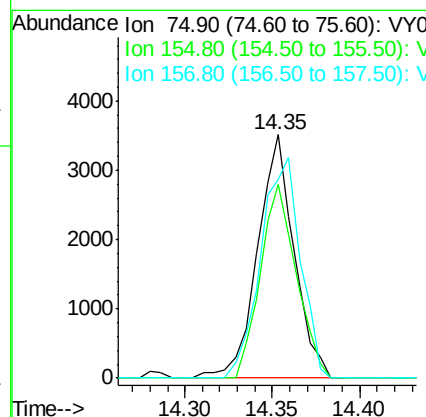
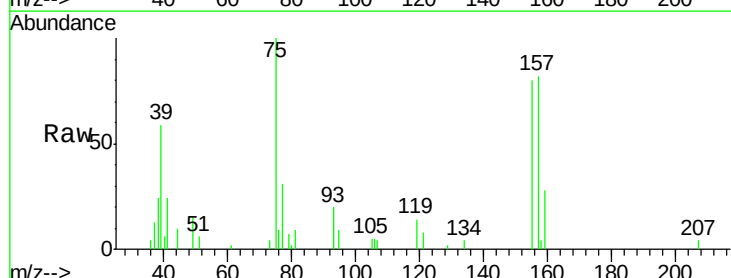
Manual Integrations
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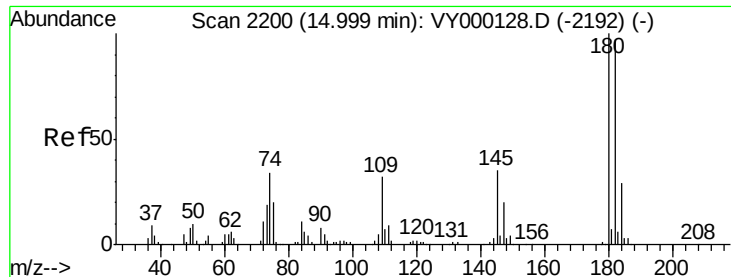
MMDadoda
 9/25/2019 12:39:30 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.543 ug/l
 RT: 14.35 min Scan# 2094
 Delta R.T. 0.00 min
 Lab File: VY000134.D
 Acq: 23 Sep 2019 16:16

Tgt Ion	Ratio	Lower	Upper
75	100		
155	78.6	44.7	134.1
157	98.8	55.9	167.7





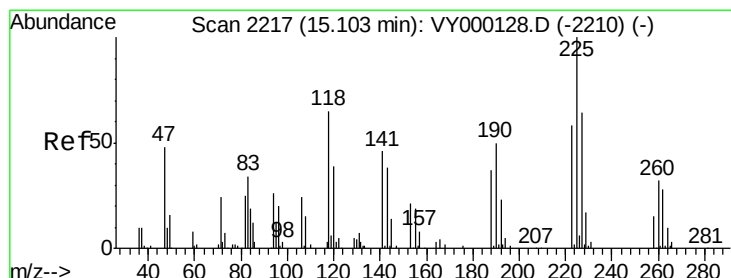
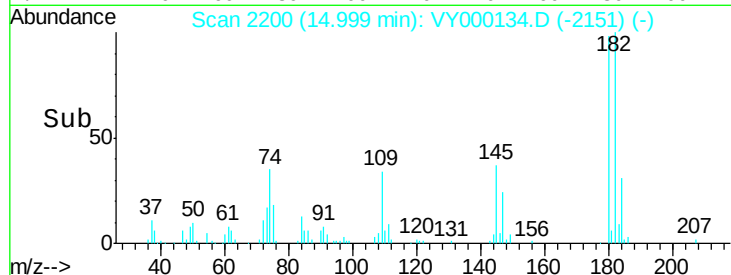
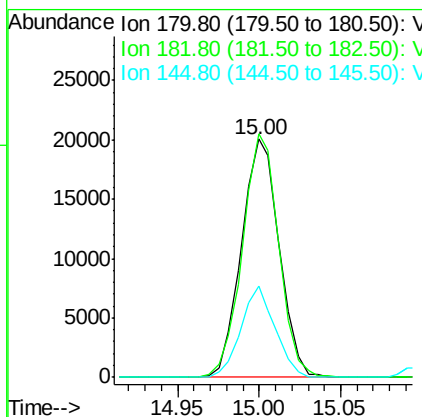
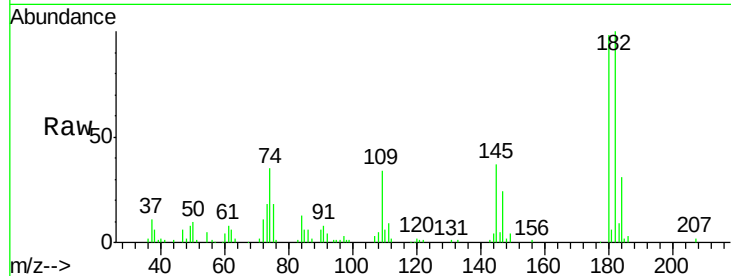
#93
1,2,4-Trichlorobenzene
Concen: 19.248 ug/l
RT: 15.00 min Scan# 2200
Delta R.T. 0.00 min
Lab File: VY000134.D
Acq: 23 Sep 2019 16:16

Instrument :
MSVOA_Y
ClientSampleId :
VY0923SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	98.6	46.1	138.2	
145	34.5	16.8	50.3	

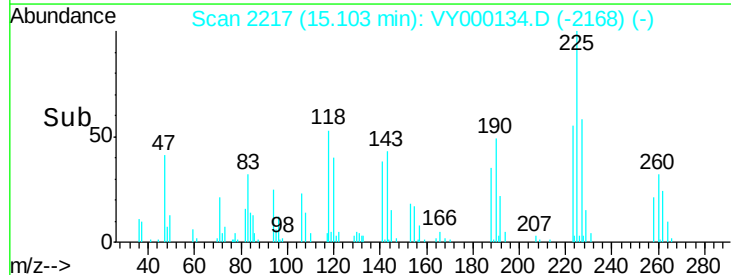
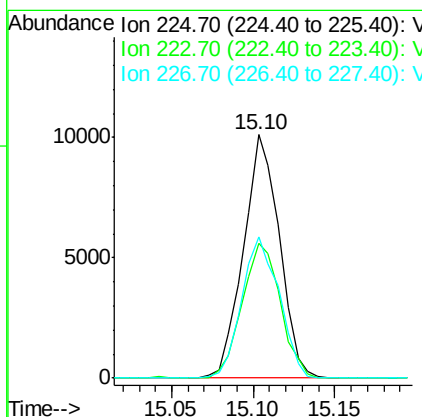
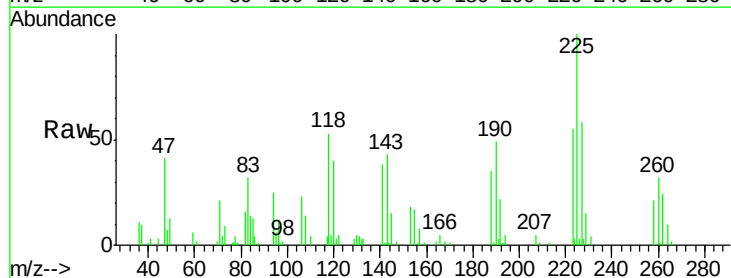
Manual Integrations
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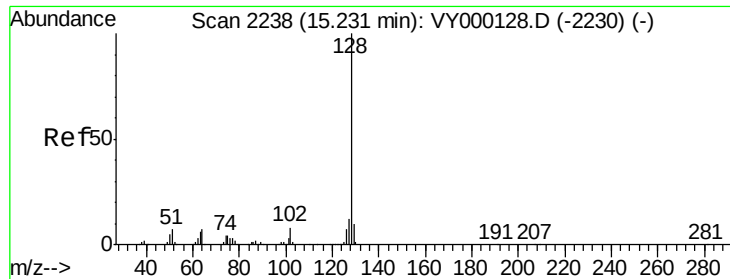
MMDadoda
9/25/2019 12:39:30 AM



#94
Hexachlorobutadiene
Concen: 20.962 ug/l
RT: 15.10 min Scan# 2217
Delta R.T. 0.00 min
Lab File: VY000134.D
Acq: 23 Sep 2019 16:16

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	58.6	31.9	95.5	
227	60.0	32.3	96.8	





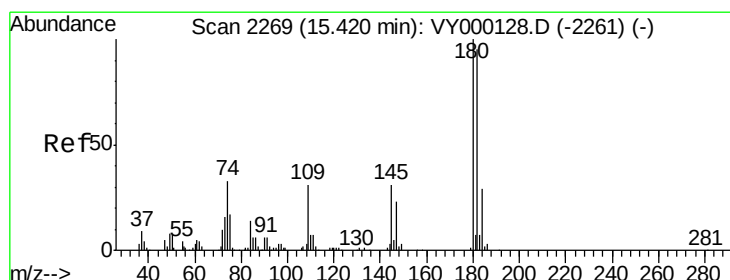
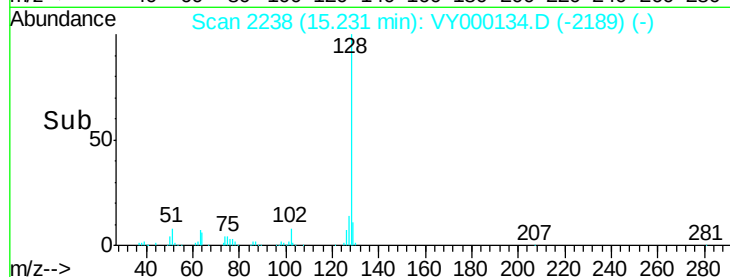
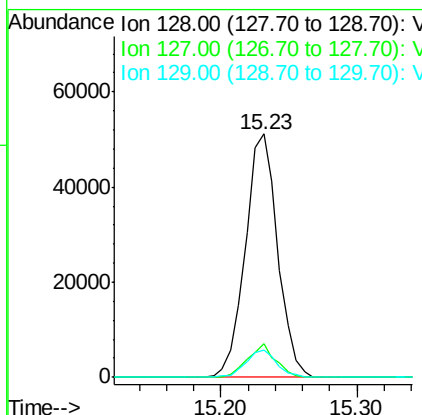
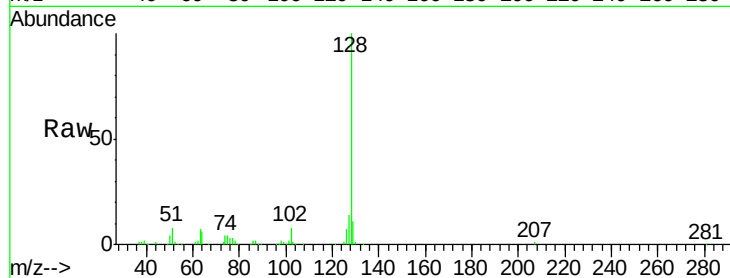
#95
Naphthalene
Concen: 20.076 ug/l
RT: 15.23 min Scan# 2238
Delta R.T. 0.00 min
Lab File: VY000134.D
Acq: 23 Sep 2019 16:16

Instrument :
MSVOA_Y
ClientSampleId :
VY0923SBS01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	84916		
127	11.9		9.7	14.5
129	10.8		8.3	12.5

Manual Integrations
APPROVED

MMDadoda
9/25/2019 12:39:30 AM



#96
1,2,3-Trichlorobenzene
Concen: 19.634 ug/l
RT: 15.42 min Scan# 2269
Delta R.T. 0.00 min
Lab File: VY000134.D
Acq: 23 Sep 2019 16:16

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	29301		
182	96.4		47.4	142.3
145	34.6		17.5	52.6

