

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY112719\
 Data File : VY000814.D
 Acq On : 27 Nov 2019 13:00
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY112719

Manual Integrations
 APPROVED

MMDadoda
 12/2/2019 11:37:14 AM

Quant Time: Nov 29 05:23:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112719S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 27 12:40:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	365161	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	635934	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	557552	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	258969	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	186061	47.95	ug/l	0.00
Spiked Amount			Recovery	=	95.90%	
35) Dibromofluoromethane	7.72	113	180964	48.83	ug/l	0.00
Spiked Amount			Recovery	=	97.66%	
50) Toluene-d8	10.18	98	749767	50.60	ug/l	0.00
Spiked Amount			Recovery	=	101.20%	
62) 4-Bromofluorobenzene	12.48	95	257601	46.29	ug/l	0.00
Spiked Amount			Recovery	=	92.58%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.90	85	180547	45.931	ug/l	99
3) Chloromethane	2.12	50	220592	45.526	ug/l	100
4) Vinyl Chloride	2.25	62	217254	45.494	ug/l	99
5) Bromomethane	2.65	94	129469	44.455	ug/l	99
6) Chloroethane	2.79	64	134496	45.936	ug/l	98
7) Trichlorofluoromethane	3.13	101	306440	46.824	ug/l	95
8) Diethyl Ether	3.53	74	118222	47.995	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.90	101	193487	47.875	ug/l	99
10) Methyl Iodide	4.09	142	255910	50.293	ug/l	98
11) Tert butyl alcohol	4.96	59	88959	227.883	ug/l	99
12) 1,1-Dichloroethene	3.88	96	194876	48.673	ug/l	97
13) Acrolein	3.74	56	91867	238.899	ug/l	98
14) Allyl chloride	4.48	41	320507	46.686	ug/l	99
15) Acrylonitrile	5.18	53	301958	237.402	ug/l	98
16) Acetone	3.96	43	206657	232.173	ug/l	98
17) Carbon Disulfide	4.19	76	631604	48.775	ug/l	99
18) Methyl Acetate	4.49	43	165108	44.363	ug/l	96
19) Methyl tert-butyl Ether	5.23	73	515361	48.197	ug/l	99
20) Methylene Chloride	4.72	84	216267	46.094	ug/l	98
21) trans-1,2-Dichloroethene	5.22	96	218573	48.030	ug/l	99
22) Diisopropyl ether	6.13	45	649775	46.051	ug/l	99
23) Vinyl Acetate	6.07	43	2060660	240.228	ug/l	98
24) 1,1-Dichloroethane	6.02	63	366631	47.144	ug/l	99
25) 2-Butanone	6.99	43	392686	238.823	ug/l	99
26) 2,2-Dichloropropane	6.99	77	313327	47.870	ug/l	99
27) cis-1,2-Dichloroethene	7.00	96	235695	47.914	ug/l	98
28) Bromochloromethane	7.34	49	145643	51.034	ug/l	98
29) Tetrahydrofuran	7.36	42	257273	236.124	ug/l	99
30) Chloroform	7.52	83	357454	45.819	ug/l	97
31) Cyclohexane	7.79	56	378709	45.969	ug/l	96
32) 1,1,1-Trichloroethane	7.71	97	308272	47.853	ug/l	98
36) 1,1-Dichloropropene	7.93	75	300774	47.567	ug/l	99
37) Ethyl Acetate	7.08	43	168325	46.103	ug/l	100
38) Carbon Tetrachloride	7.91	117	270198	47.983	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	399443	47.681	ug/l	98
40) Benzene	8.17	78	876669	47.598	ug/l	98
41) Methacrylonitrile	7.33	41	98287m	51.077	ug/l	
42) 1,2-Dichloroethane	8.24	62	225857	46.628	ug/l	100
43) Isopropyl Acetate	8.28	43	317012	46.075	ug/l	97
44) Trichloroethene	8.94	130	223764	47.273	ug/l	100
45) 1,2-Dichloropropane	9.22	63	218799	47.294	ug/l	96
46) Dibromomethane	9.31	93	117195	48.484	ug/l	100
47) Bromodichloromethane	9.50	83	271178	47.756	ug/l	98
48) Methyl methacrylate	9.30	41	140139	46.319	ug/l	94
49) 1,4-Dioxane	9.30	88	31709	925.811	ug/l	88
51) 4-Methyl-2-Pentanone	10.07	43	842636	237.036	ug/l	99
52) Toluene	10.24	92	540578	47.404	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	299413	49.079	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	352425	48.873	ug/l	96
55) 1,1,2-Trichloroethane	10.64	97	169906	47.576	ug/l	98
56) Ethyl methacrylate	10.51	69	253574	49.634	ug/l	99
57) 1,3-Dichloropropane	10.79	76	294204	47.267	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	749376	363.786	ug/l	99
59) 2-Hexanone	10.83	43	628665	242.693	ug/l	99
60) Dibromochloromethane	10.99	129	185450	48.238	ug/l	98
61) 1,2-Dibromoethane	11.09	107	165138	49.065	ug/l	98
64) Tetrachloroethene	10.72	164	227100	46.881	ug/l	98
65) Chlorobenzene	11.52	112	555082	47.895	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	188575	48.282	ug/l	99
67) Ethyl Benzene	11.59	91	1032174	47.821	ug/l	98
68) m/p-Xylenes	11.70	106	779291	96.191	ug/l	99
69) o-Xylene	12.03	106	364892	48.306	ug/l	100
70) Styrene	12.04	104	635757	49.153	ug/l	99
71) Bromoform	12.20	173	111000	50.390	ug/l #	97
73) Isopropylbenzene	12.33	105	983579	47.701	ug/l	99
74) N-amyl acetate	12.14	43	275723	48.042	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.58	83	197049	48.500	ug/l	98
76) 1,2,3-Trichloropropane	12.63	75	143601m	48.942	ug/l	
77) Bromobenzene	12.61	156	218510	48.888	ug/l	98
78) n-propylbenzene	12.67	91	1207190	47.948	ug/l	99
79) 2-Chlorotoluene	12.75	91	656277	47.183	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	809648	47.424	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	75998	50.878	ug/l	96
82) 4-Chlorotoluene	12.85	91	684213	47.747	ug/l	99
83) tert-Butylbenzene	13.07	119	689658	48.047	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	814286	47.673	ug/l	99
85) sec-Butylbenzene	13.25	105	999655	47.887	ug/l	99
86) p-Isopropyltoluene	13.37	119	868506	47.833	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	414316	47.253	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	416753	48.004	ug/l	99
89) n-Butylbenzene	13.69	91	883180	48.110	ug/l	99
90) Hexachloroethane	13.96	117	165456	49.468	ug/l	99
91) 1,2-Dichlorobenzene	13.73	146	379348	48.099	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	32524	47.816	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	258060	48.355	ug/l	100
94) Hexachlorobutadiene	15.11	225	125811	47.548	ug/l	99
95) Naphthalene	15.23	128	620921	50.107	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	230005	48.250	ug/l	99

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

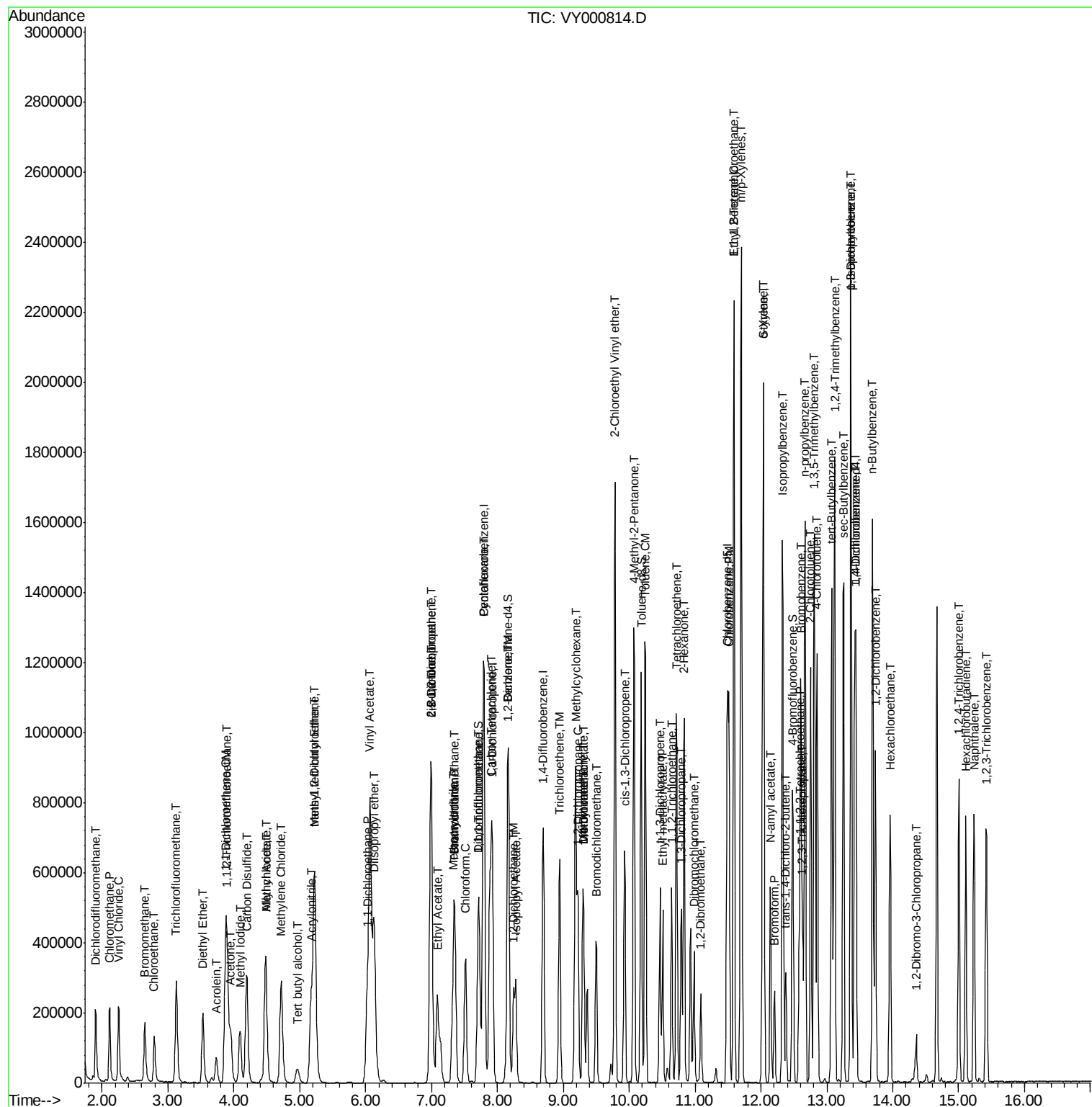
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY112719\
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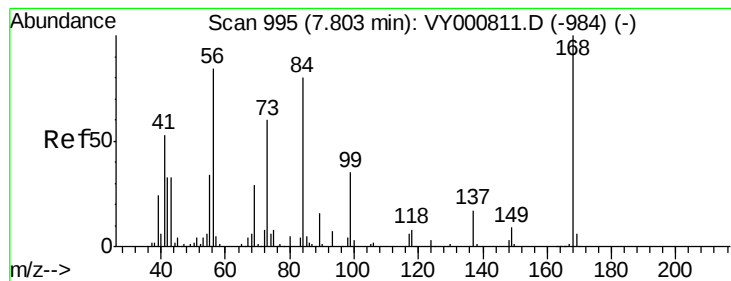
Instrument :
MSVOA_Y
ClientSampleId :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY000814.D

Acq: 27 Nov 2019 13:00

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY112719

Tot Ion:168 Resp: 365161

Ion Ratio Lower Upper

168 100

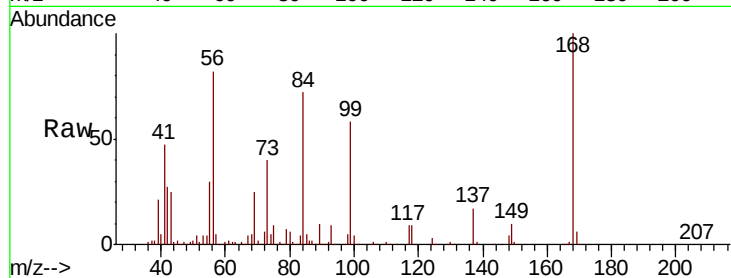
99 58.0 45.0 67.6

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VY000811.D (-984) (-)

Ion 98.90 (98.60 to 99.60): VY000811.D (-984) (-)

7.80

150000

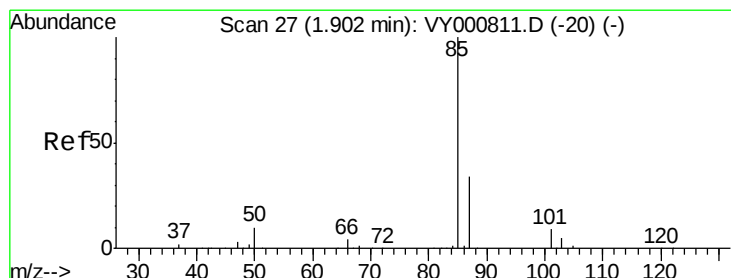
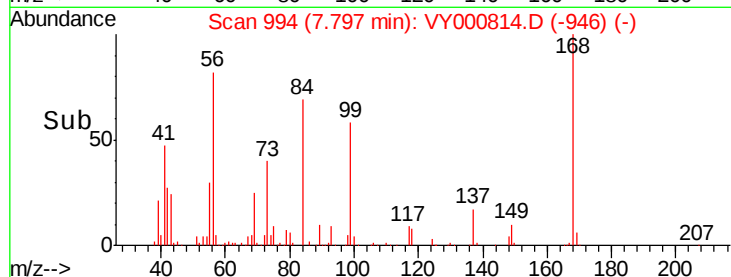
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 45.931 ug/l

RT: 1.90 min Scan# 27

Delta R.T. -0.00 min

Lab File: VY000814.D

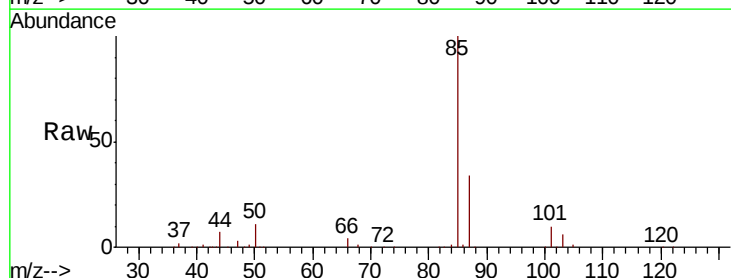
Acq: 27 Nov 2019 13:00

Tgt Ion: 85 Resp: 180547

Ion Ratio Lower Upper

85 100

87 33.8 16.8 50.3



Abundance Ion 84.90 (84.60 to 85.60): VY000811.D (-20) (-)

Ion 86.90 (86.60 to 87.60): VY000811.D (-20) (-)

1.90

120000

100000

80000

60000

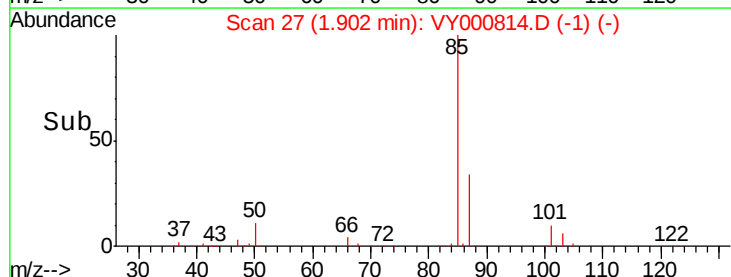
40000

20000

0

1.80 1.85 1.90 1.95 2.00

Time-->





#3

Chloromethane

Concen: 45.526 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY000814.D

Acq: 27 Nov 2019 13:00

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY112719

Tot Ion: 50 Resp: 220592

Ion Ratio Lower Upper

50 100

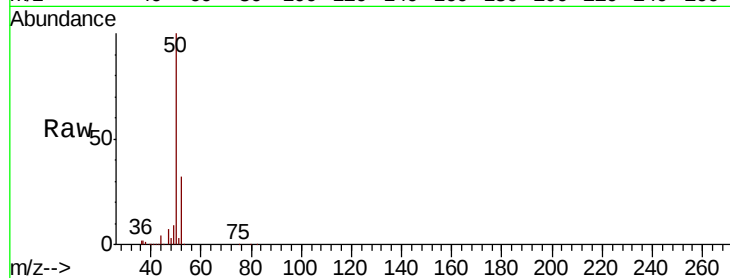
52 32.4 26.0 39.0

Manual Integrations

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Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0

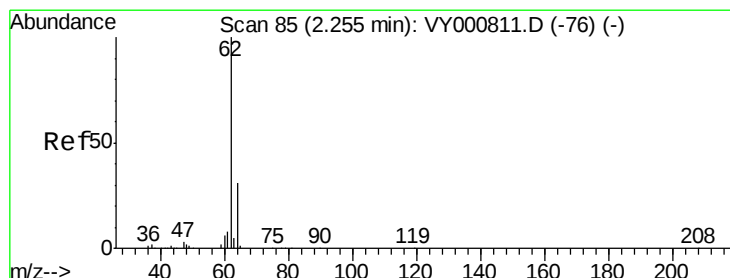
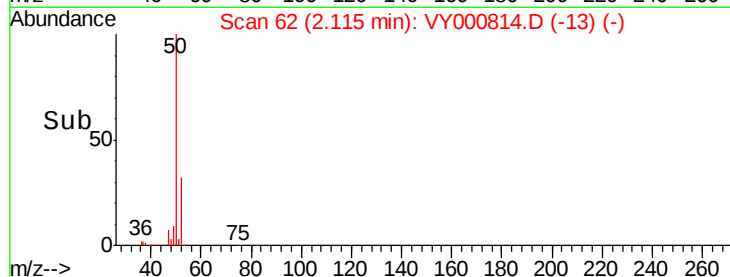
150000

100000

50000

0

Time--> 2.00 2.10 2.20



#4

Vinyl Chloride

Concen: 45.494 ug/l

RT: 2.25 min Scan# 84

Delta R.T. -0.01 min

Lab File: VY000814.D

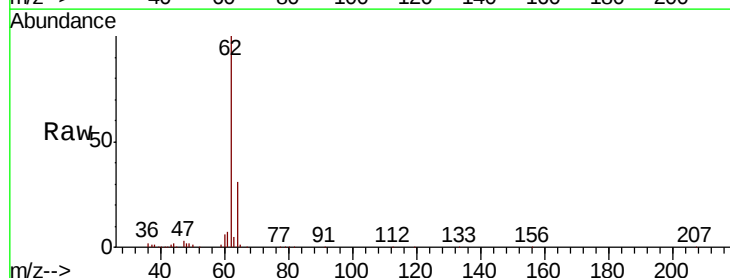
Acq: 27 Nov 2019 13:00

Tgt Ion: 62 Resp: 217254

Ion Ratio Lower Upper

62 100

64 30.6 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0

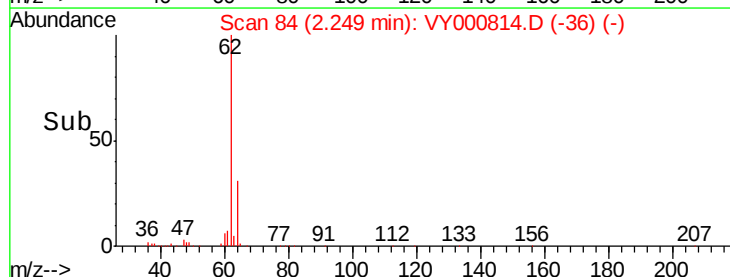
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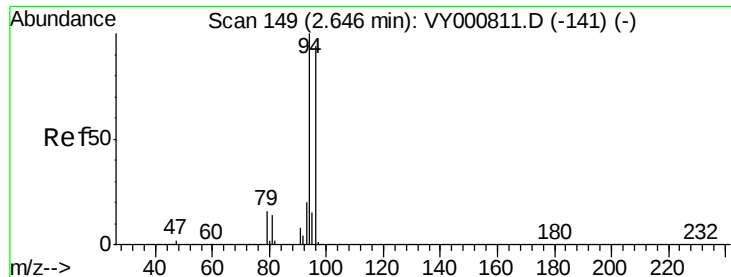
100000

50000

0

Time--> 2.20 2.30 2.40





#5

Bromomethane

Concen: 44.455 ug/l

RT: 2.65 min Scan# 150

Delta R.T. 0.01 min

Lab File: VY000814.D

Acq: 27 Nov 2019 13:00

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY112719

Tot Ion: 94 Resp: 129469

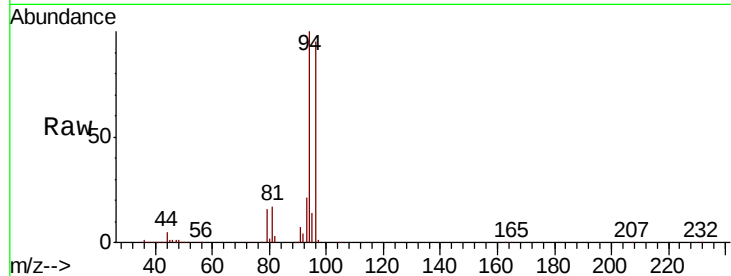
Ion Ratio Lower Upper

94 100

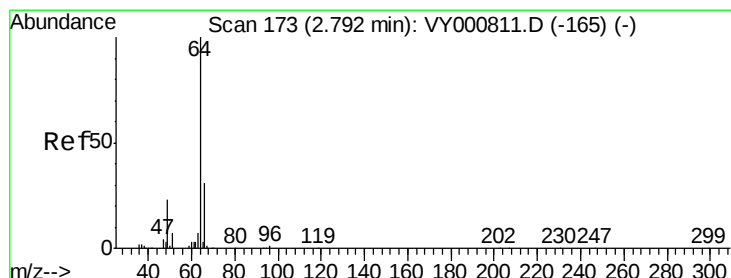
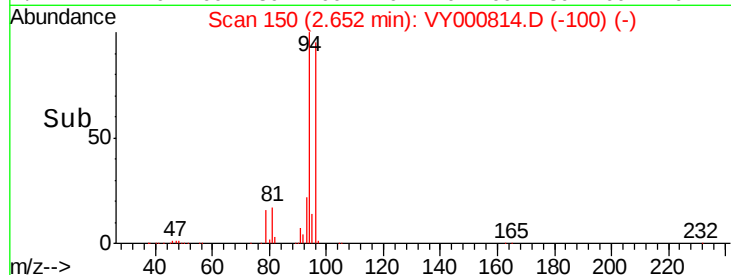
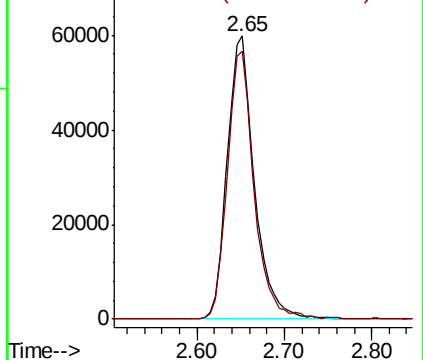
96 94.8 75.2 112.8

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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: 45.936 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.00 min

Lab File: VY000814.D

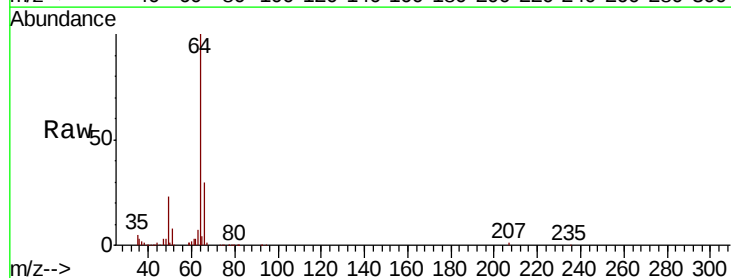
Acq: 27 Nov 2019 13:00

Tgt Ion: 64 Resp: 134496

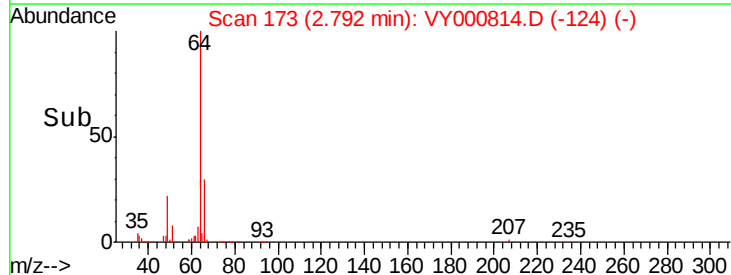
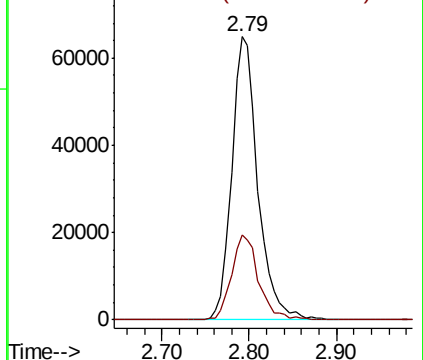
Ion Ratio Lower Upper

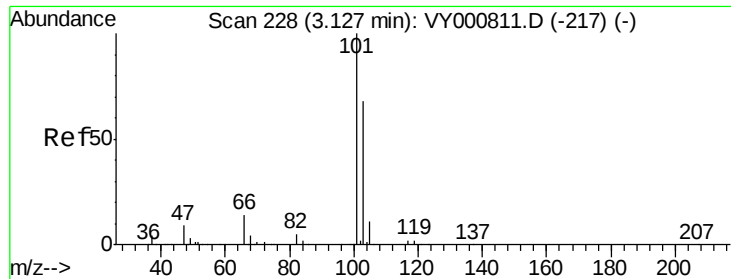
64 100

66 30.1 25.0 37.4



Abundance Ion 63.90 (63.60 to 64.60): VY0
Ion 65.90 (65.60 to 66.60): VY0





#7

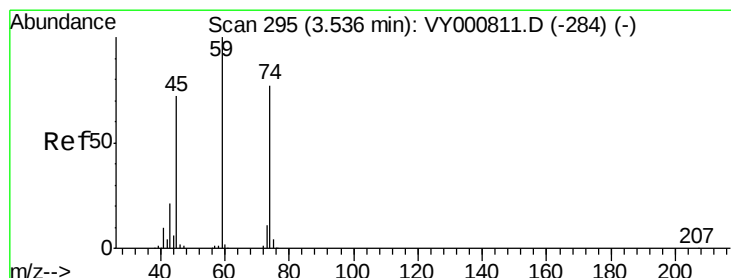
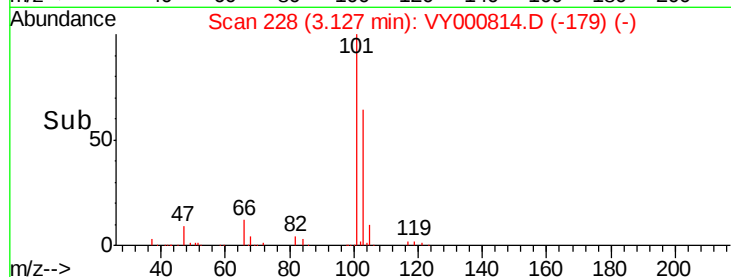
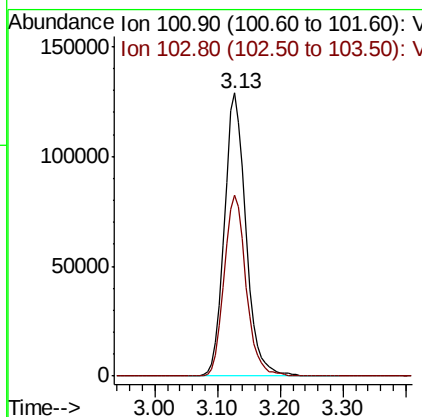
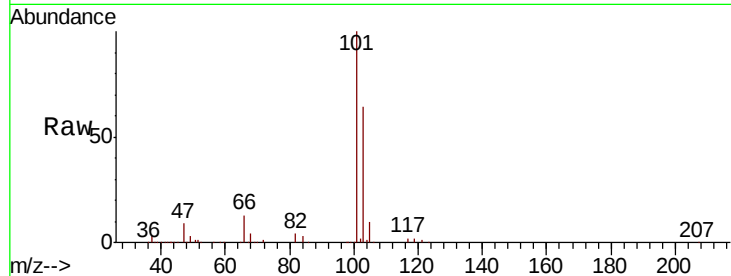
Trichlorofluoromethane
 Concen: 46.824 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. -0.00 min
 Lab File: VY000814.D
 Acq: 27 Nov 2019 13:00

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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.0	54.2	81.2

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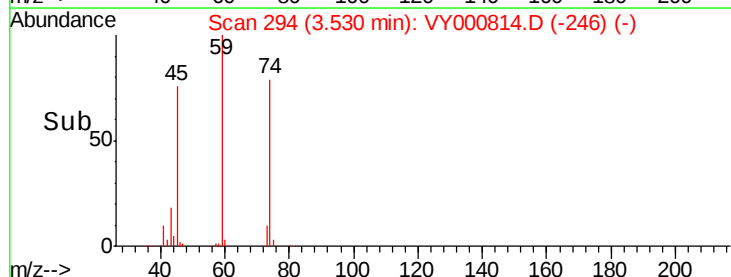
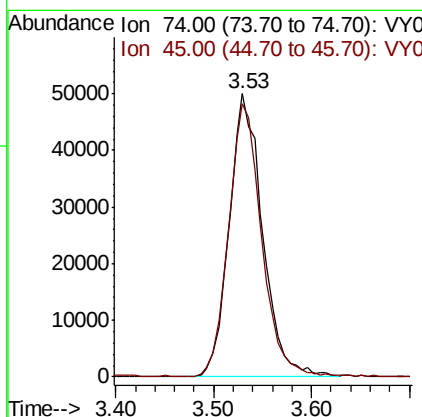
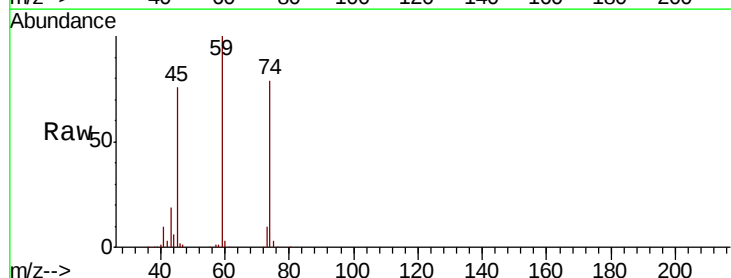
MMDadoda
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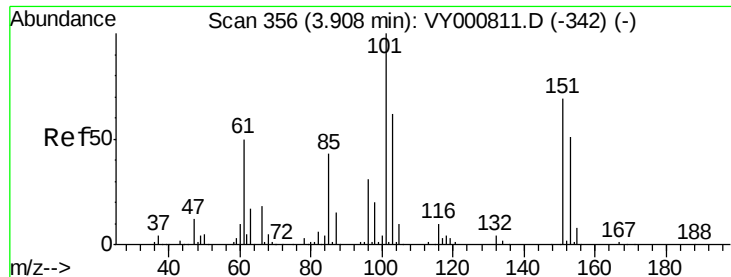


#8

Diethyl Ether
 Concen: 47.995 ug/l
 RT: 3.53 min Scan# 294
 Delta R.T. -0.01 min
 Lab File: VY000814.D
 Acq: 27 Nov 2019 13:00

Tgt Ion	Ratio	Lower	Upper
74	100		
45	95.4	49.0	147.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.875 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.01 min

Lab File: VY000814.D

Acq: 27 Nov 2019 13:00

Instrument :

MSVOA_Y

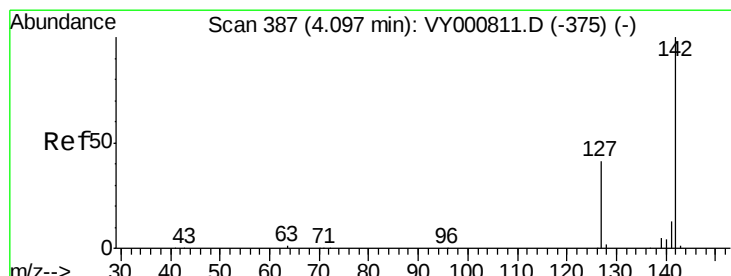
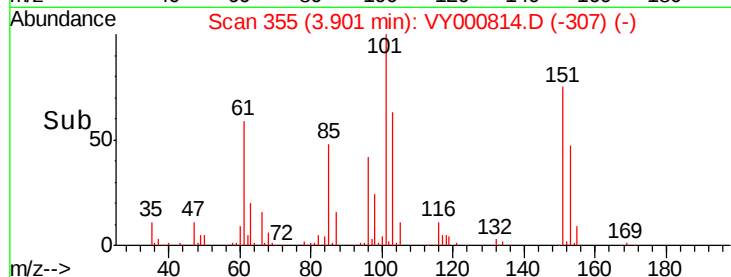
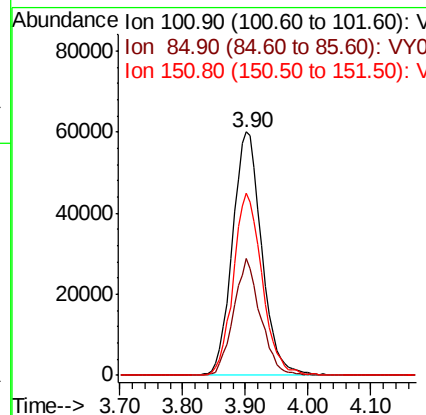
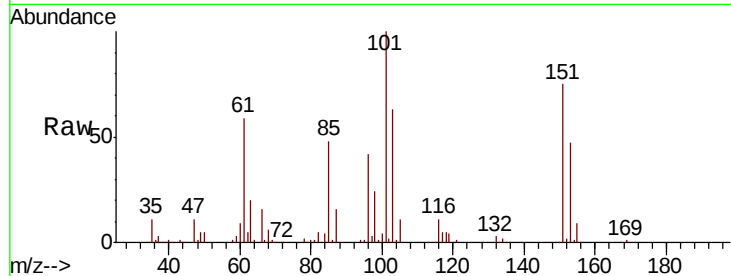
ClientSampleId :

ICVVY112719

Tot Ion:	101	Resp:	193487
Ion Ratio	Lower	Upper	
101	100		
85	44.2	36.0	54.0
151	73.7	58.2	87.2

Manual Integrations
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#10

Methyl Iodide

Concen: 50.293 ug/l

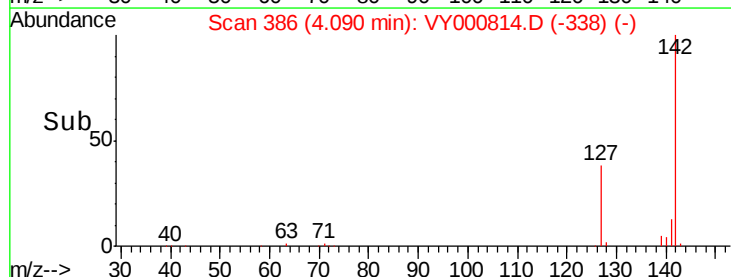
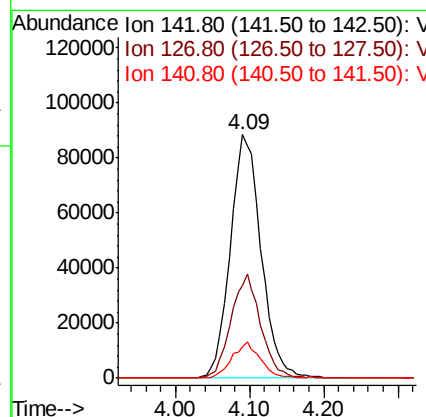
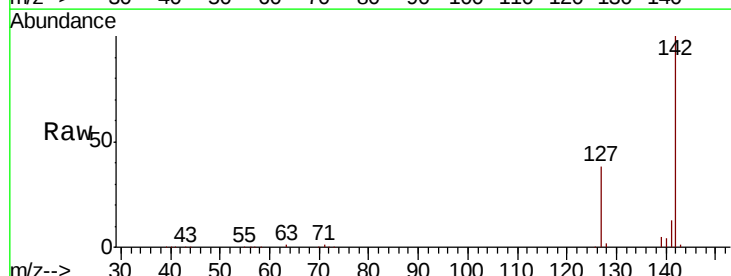
RT: 4.09 min Scan# 386

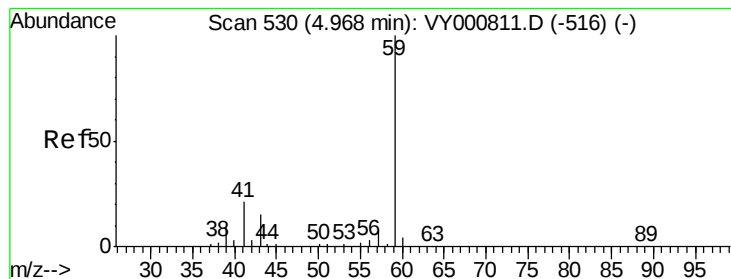
Delta R.T. -0.01 min

Lab File: VY000814.D

Acq: 27 Nov 2019 13:00

Tgt Ion:	142	Resp:	255910
Ion Ratio	Lower	Upper	
142	100		
127	41.1	33.8	50.8
141	13.5	10.9	16.3





#11

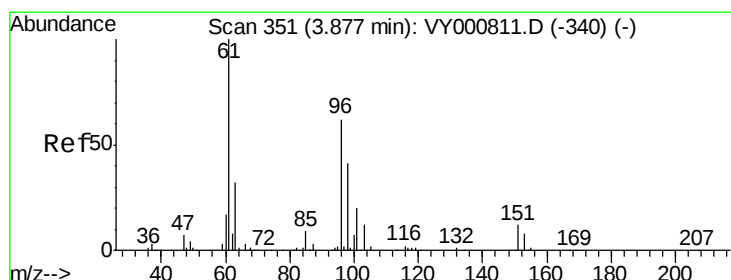
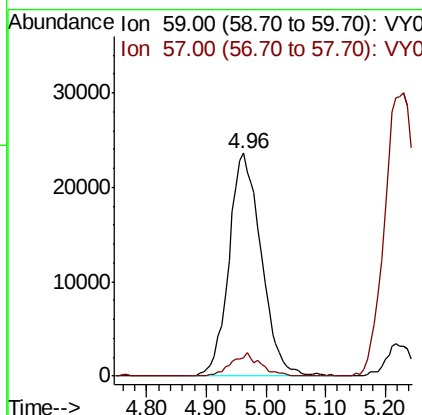
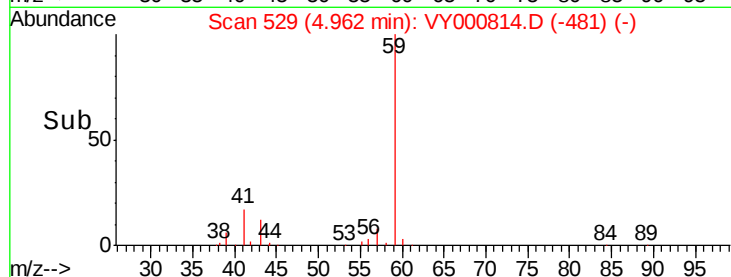
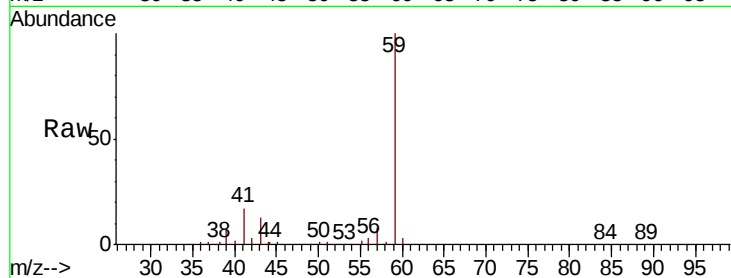
Tert butyl alcohol
Concen: 227.883 ug/l
RT: 4.96 min Scan# 529
Delta R.T. -0.01 min
Lab File: VY000814.D
Acq: 27 Nov 2019 13:00

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY112719

Tot Ion	59	57	Ratio	100	9.2	Resp	88959	Lower	7.8	Upper	11.6
Ion	59	57	Ratio	100	9.2	Resp	88959	Lower	7.8	Upper	11.6

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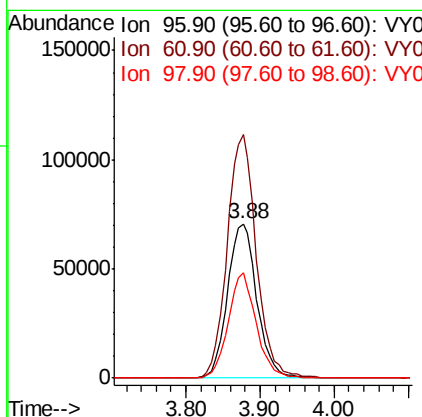
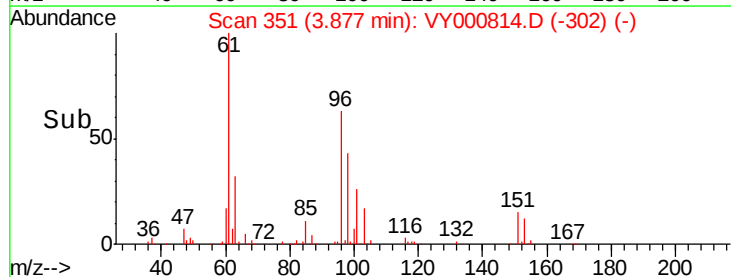
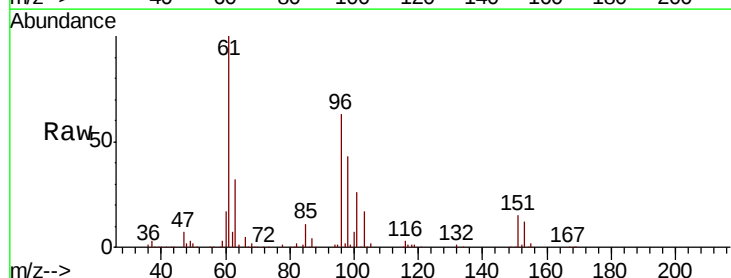
MMDadoda
12/2/2019 11:37:14 AM

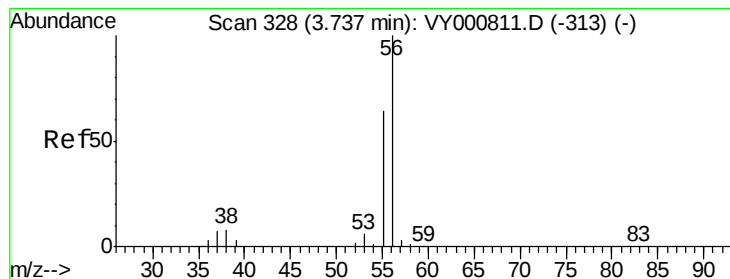


#12

1,1-Dichloroethene
Concen: 48.673 ug/l
RT: 3.88 min Scan# 351
Delta R.T. -0.00 min
Lab File: VY000814.D
Acq: 27 Nov 2019 13:00

Tgt Ion	96	61	98	Ratio	100	157.9	68.7	Resp	194876	Lower	129.4	53.4	Upper	194.2	80.0
Ion	96	61	98	Ratio	100	157.9	68.7	Resp	194876	Lower	129.4	53.4	Upper	194.2	80.0





#13

Acrolein

Concen: 238.899 ug/l

RT: 3.74 min Scan# 328

Delta R.T. -0.00 min

Lab File: VY000814.D

Acq: 27 Nov 2019 13:00

Instrument :

MSVOA_Y

ClientSampleId :

ICVY112719

Tot Ion: 56 Resp: 91867

Ion Ratio Lower Upper

56 100

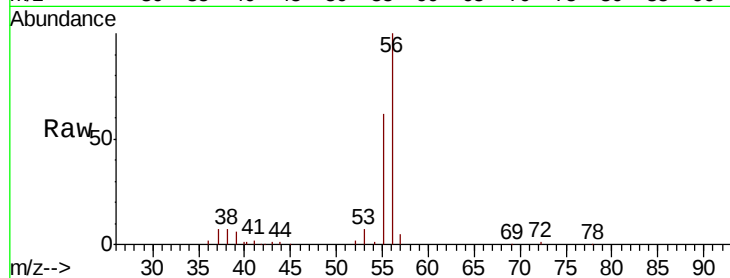
55 68.2 55.7 83.5

Manual Integrations

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Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

3.74

40000

30000

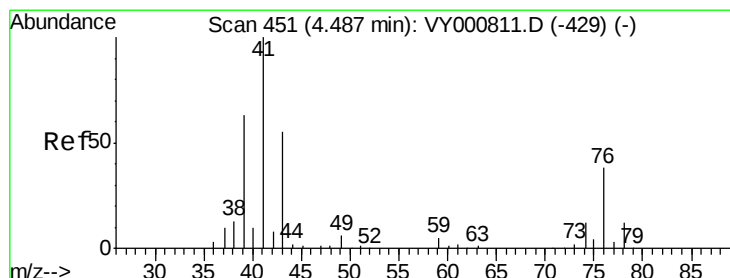
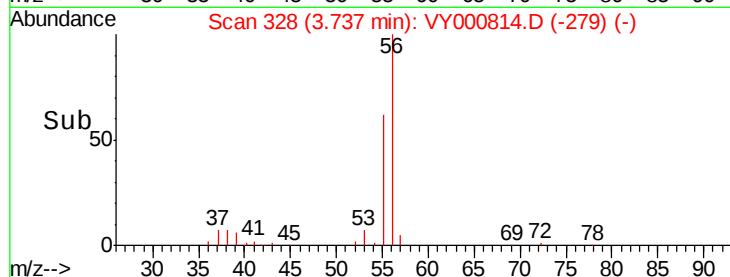
20000

10000

0

Time-->

3.60 3.70 3.80 3.90



#14

Allyl chloride

Concen: 46.686 ug/l

RT: 4.48 min Scan# 450

Delta R.T. -0.01 min

Lab File: VY000814.D

Acq: 27 Nov 2019 13:00

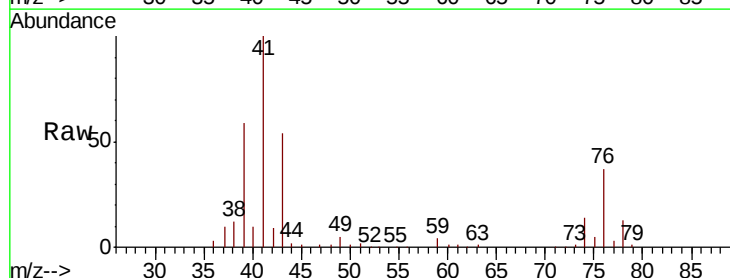
Tgt Ion: 41 Resp: 320507

Ion Ratio Lower Upper

41 100

39 60.9 49.2 73.8

76 37.8 29.2 43.8



Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0

4.48

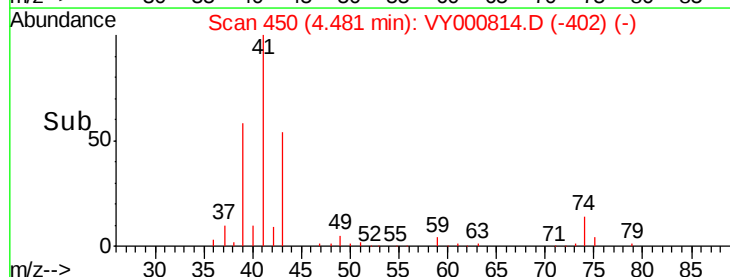
100000

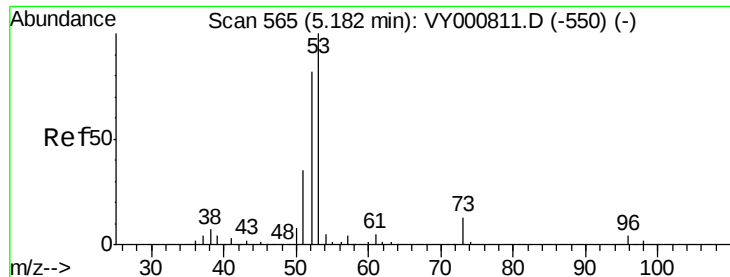
50000

0

Time-->

4.40 4.60





#15

Acrylonitrile

Concen: 237.402 ug/l

RT: 5.18 min Scan# 564

Delta R.T. -0.01 min

Lab File: VY000814.D

Acq: 27 Nov 2019 13:00

Instrument :

MSVOA_Y

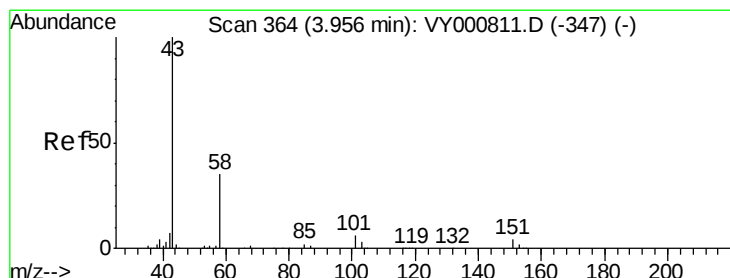
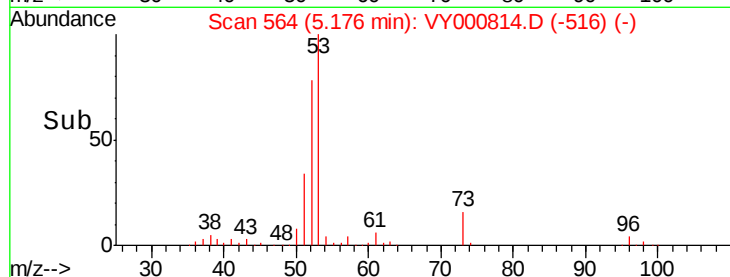
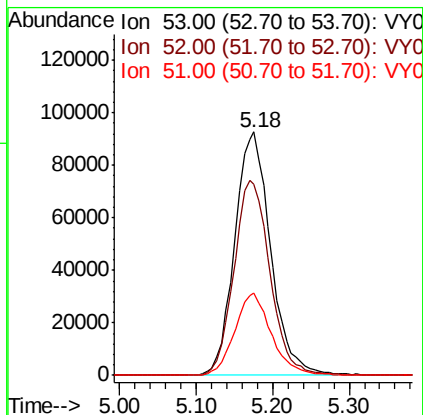
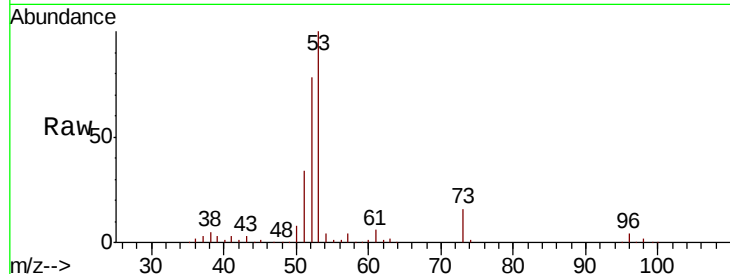
ClientSampleId :

ICVY112719

Tot Ion:	53	Resp:	301958
Ion	Ratio	Lower	Upper
53	100		
52	80.4	65.1	97.7
51	34.7	29.0	43.4

Manual Integrations
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#16

Acetone

Concen: 232.173 ug/l

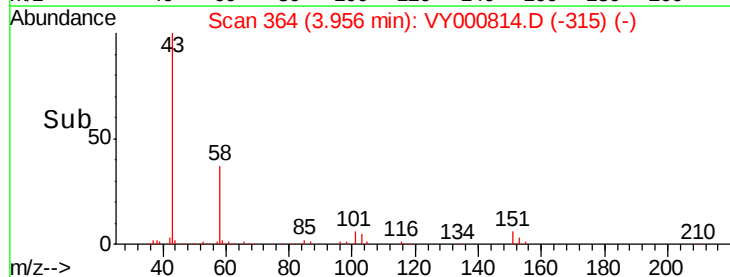
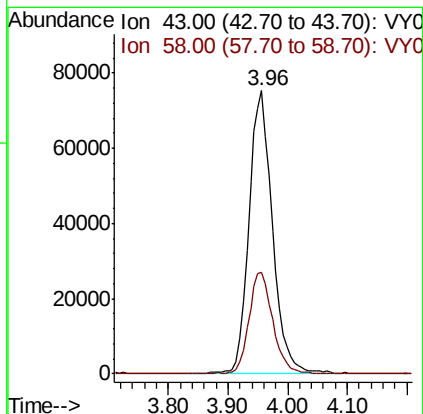
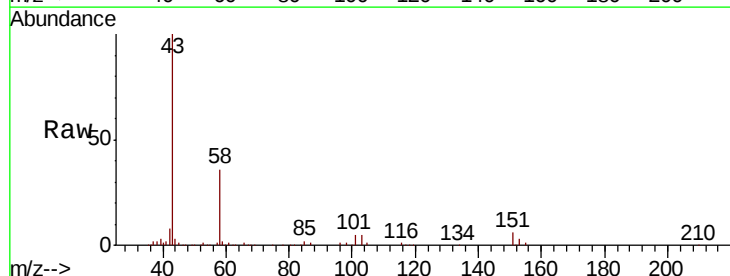
RT: 3.96 min Scan# 364

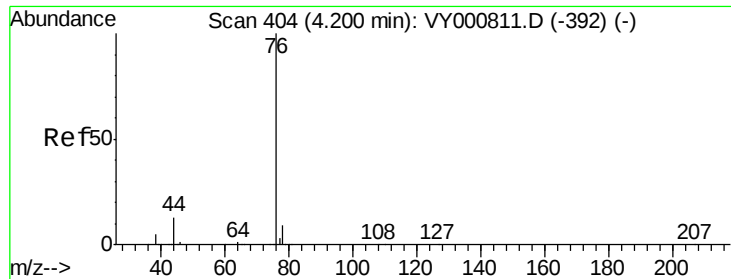
Delta R.T. -0.00 min

Lab File: VY000814.D

Acq: 27 Nov 2019 13:00

Tgt Ion:	43	Resp:	206657
Ion	Ratio	Lower	Upper
43	100		
58	35.9	28.0	42.0





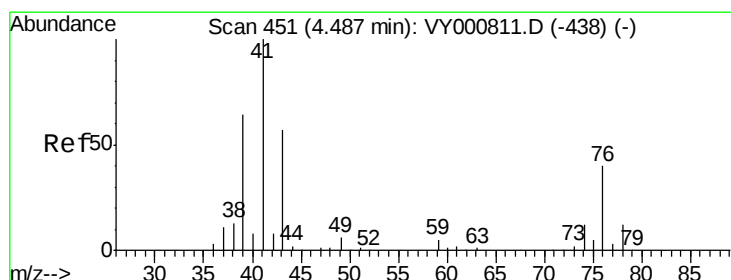
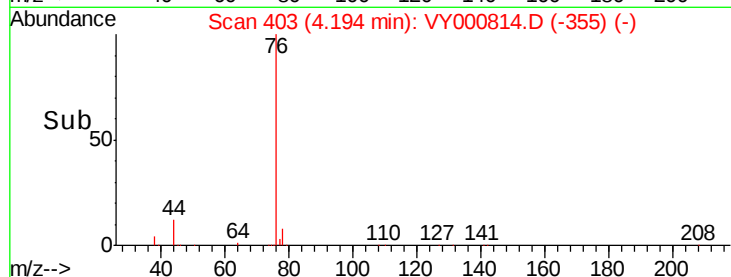
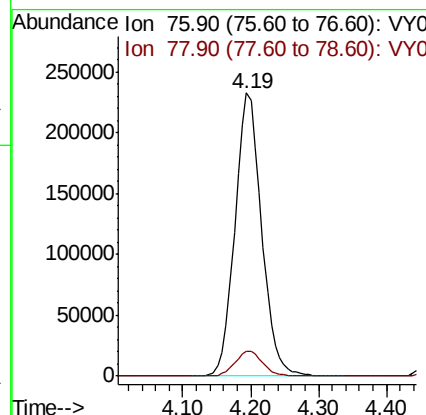
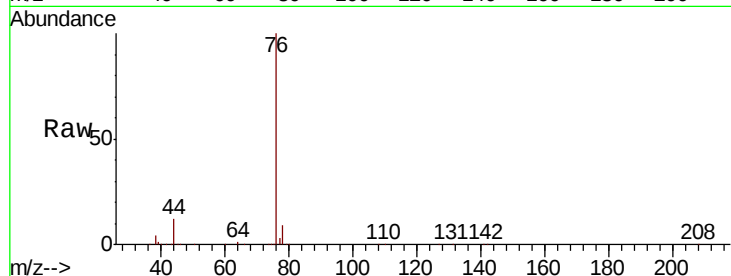
#17
Carbon Disulfide
Concen: 48.775 ug/l
RT: 4.19 min Scan# 403
Delta R.T. -0.01 min
Lab File: VY000814.D
Acq: 27 Nov 2019 13:00

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY112719

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.7	7.3	10.9

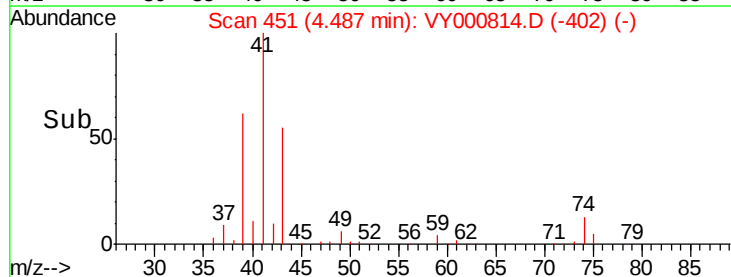
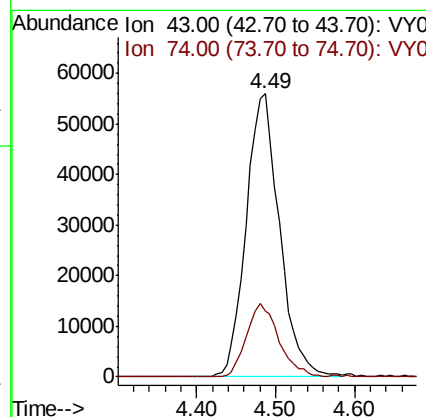
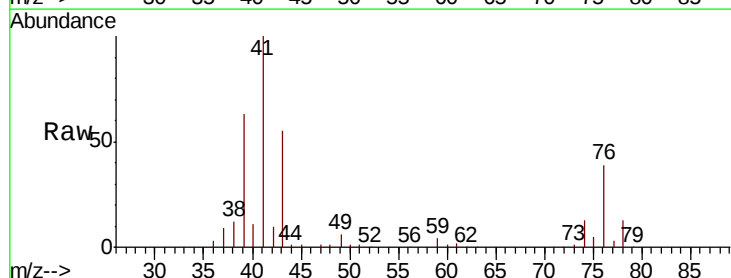
Manual Integrations
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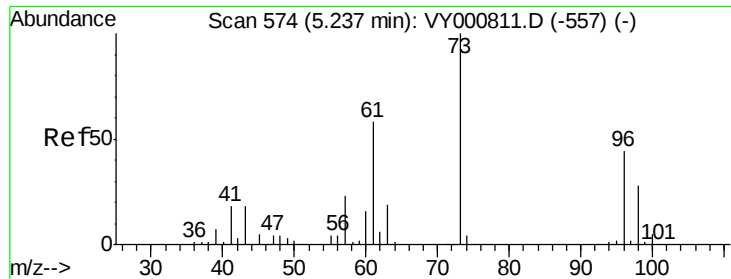
MMDadoda
12/2/2019 11:37:14 AM



#18
Methyl Acetate
Concen: 44.363 ug/l
RT: 4.49 min Scan# 451
Delta R.T. -0.00 min
Lab File: VY000814.D
Acq: 27 Nov 2019 13:00

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.3	18.5	27.7





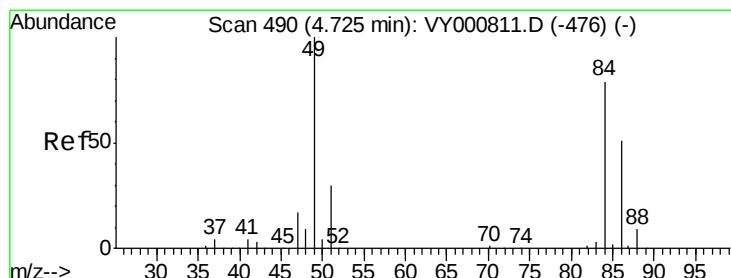
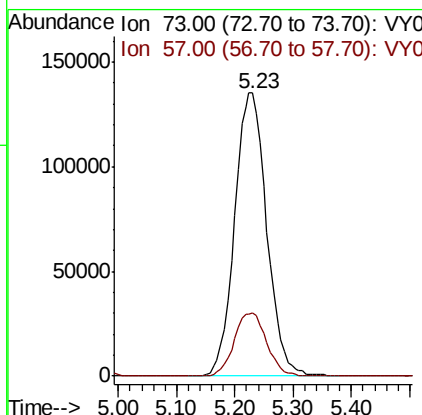
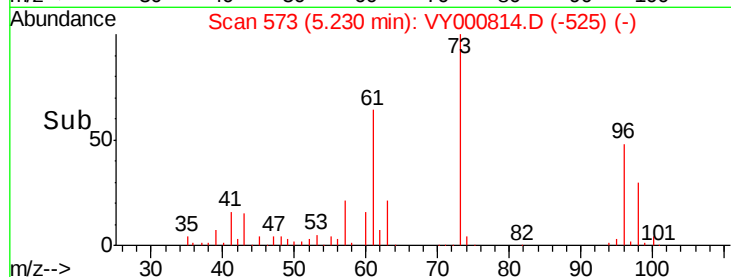
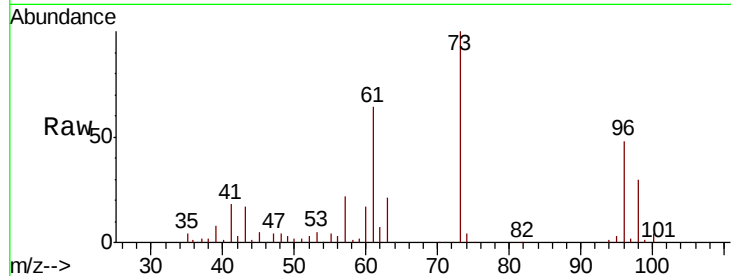
#19
Methvl tert-butvl Ether
Concen: 48.197 ug/l
RT: 5.23 min Scan# 573
Delta R.T. -0.01 min
Lab File: VY000814.D
Acq: 27 Nov 2019 13:00

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY112719

Tot Ion: 73 Resp: 515361
Ion Ratio Lower Upper
73 100
57 22.2 18.2 27.4

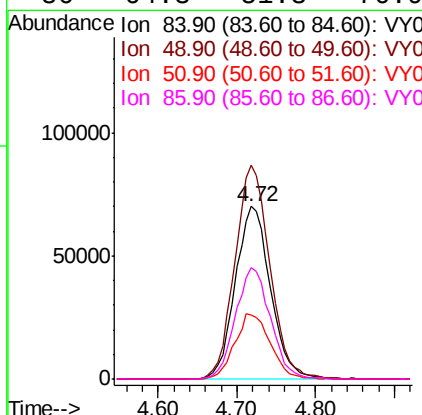
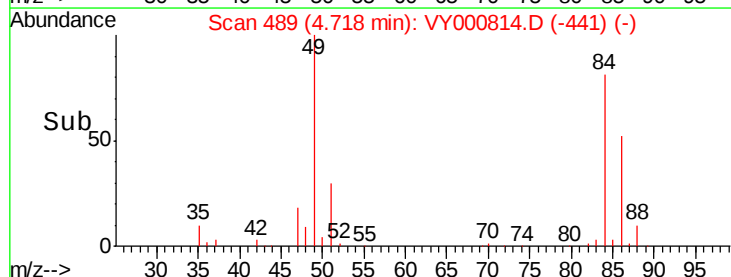
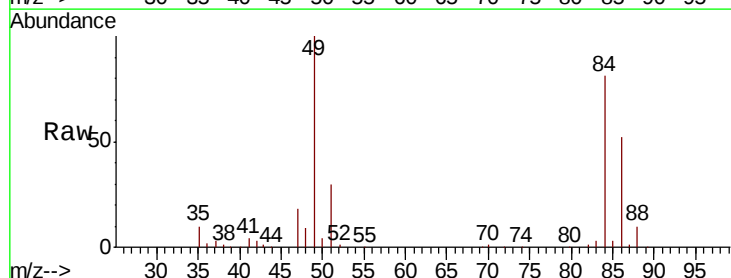
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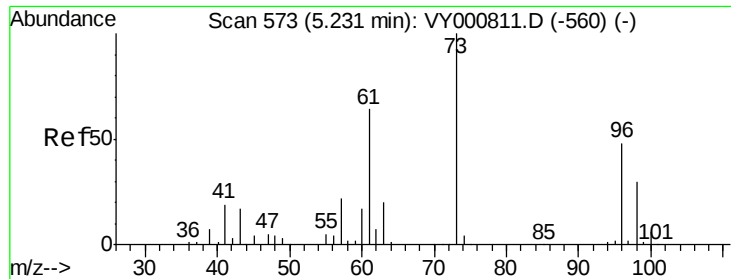
MMDadoda
12/2/2019 11:37:14 AM



#20
Methylene Chloride
Concen: 46.094 ug/l
RT: 4.72 min Scan# 489
Delta R.T. -0.01 min
Lab File: VY000814.D
Acq: 27 Nov 2019 13:00

Tgt Ion: 84 Resp: 216267
Ion Ratio Lower Upper
84 100
49 123.9 101.3 151.9
51 37.5 30.6 45.8
86 64.3 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 48.030 ug/l

RT: 5.22 min Scan# 572

Delta R.T. -0.01 min

Lab File: VY000814.D

Acq: 27 Nov 2019 13:00

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY112719

Tot Ion: 96 Resp: 218573

Ion Ratio Lower Upper

96 100

61 130.1 105.9 158.9

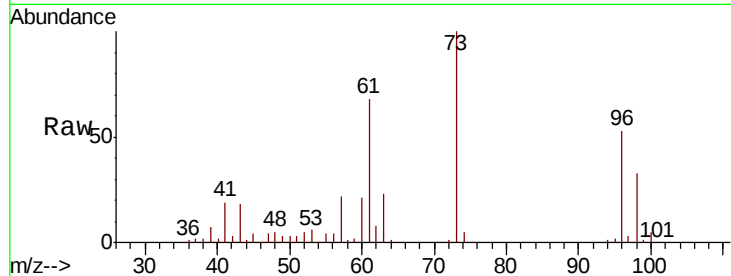
98 62.2 49.4 74.2

Manual Integrations

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MMDadoda

12/2/2019 11:37:14 AM

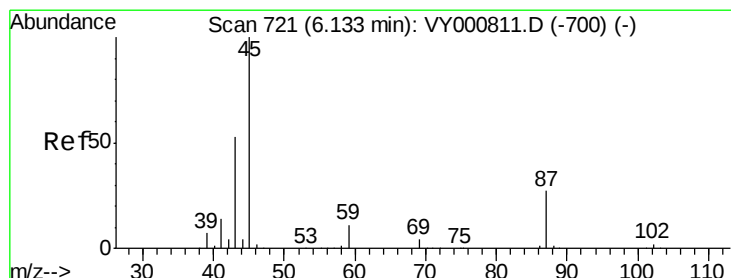
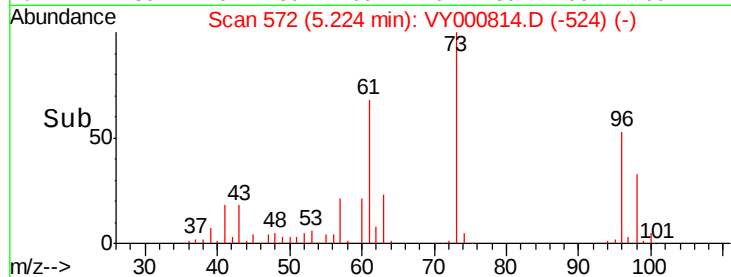
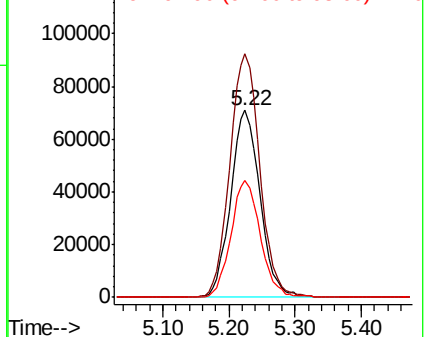


Abundance

Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0



#22

Diisopropyl ether

Concen: 46.051 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.01 min

Lab File: VY000814.D

Acq: 27 Nov 2019 13:00

Tgt Ion: 45 Resp: 649775

Ion Ratio Lower Upper

45 100

43 53.5 42.7 64.1

87 27.3 22.0 33.0

59 12.5 8.9 13.3

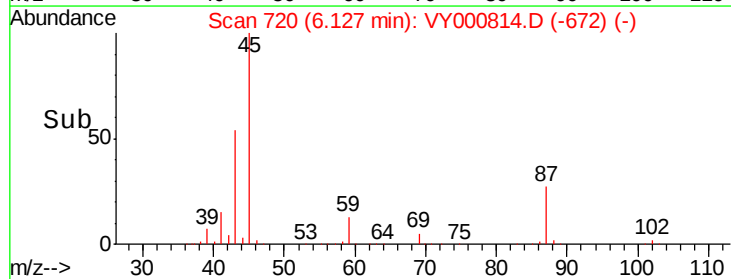
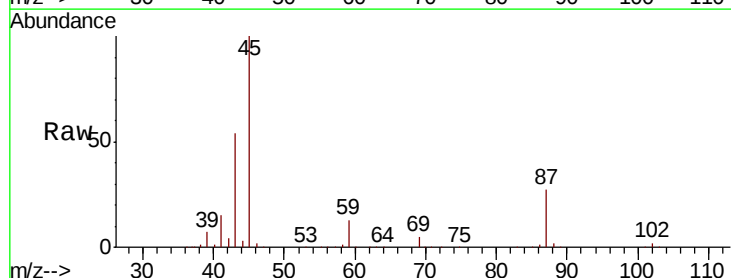
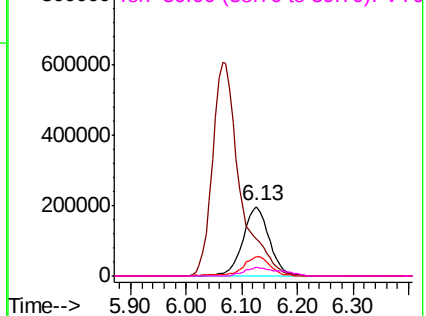
Abundance

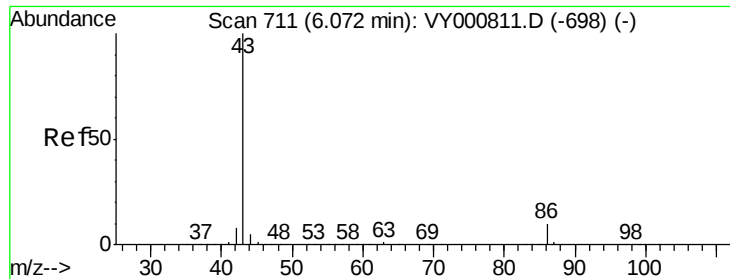
Ion 45.00 (44.70 to 45.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 87.00 (86.70 to 87.70): VY0

Ion 59.00 (58.70 to 59.70): VY0





#23

Vinyl Acetate

Concen: 240.228 ug/l

RT: 6.07 min Scan# 710

Delta R.T. -0.01 min

Lab File: VY000814.D

Acq: 27 Nov 2019 13:00

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY112719

Tot Ion: 43 Resp: 2060660

Ion Ratio Lower Upper

43 100

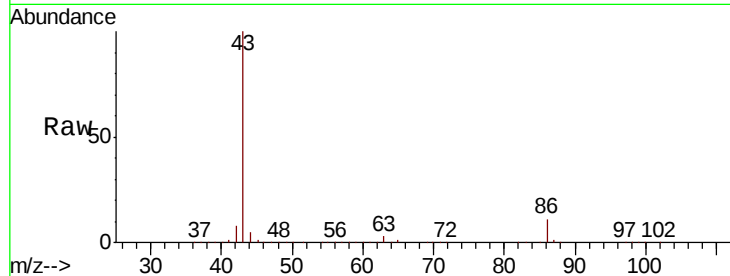
86 11.1 8.3 12.5

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

600000

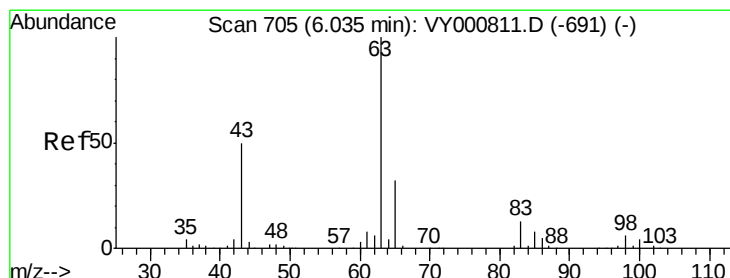
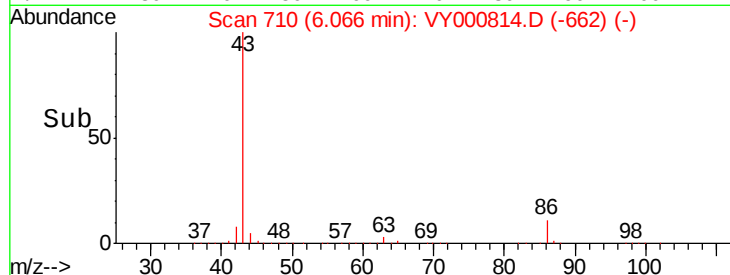
400000

200000

0

5.90 6.00 6.10 6.20 6.30

Time-->



#24

1,1-Dichloroethane

Concen: 47.144 ug/l

RT: 6.02 min Scan# 703

Delta R.T. -0.01 min

Lab File: VY000814.D

Acq: 27 Nov 2019 13:00

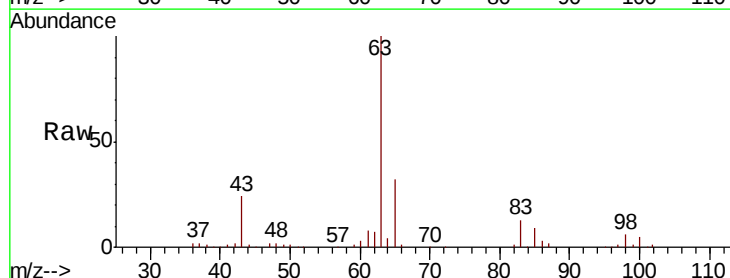
Tgt Ion: 63 Resp: 366631

Ion Ratio Lower Upper

63 100

98 6.4 3.3 9.8

100 4.8 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

150000

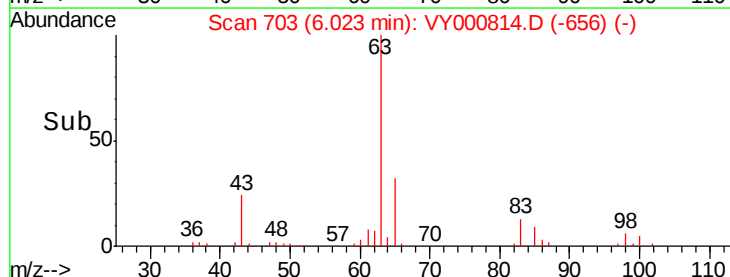
100000

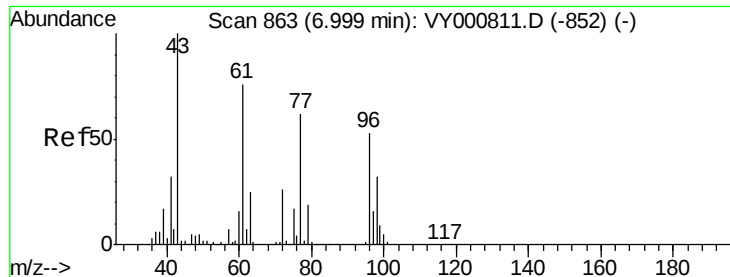
50000

0

5.90 6.00 6.10 6.20

Time-->





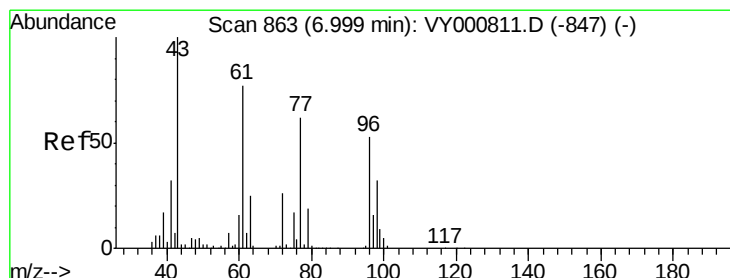
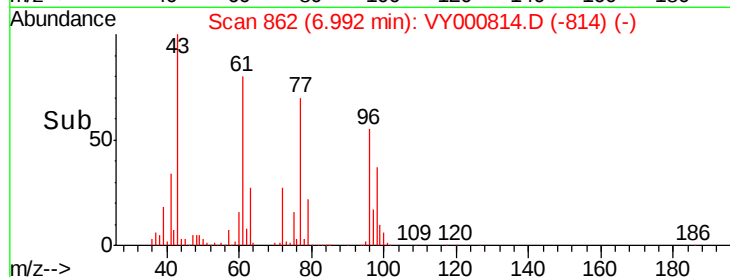
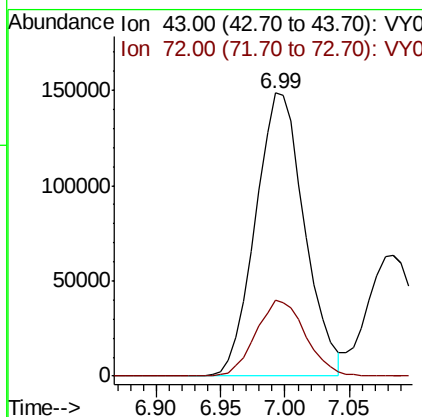
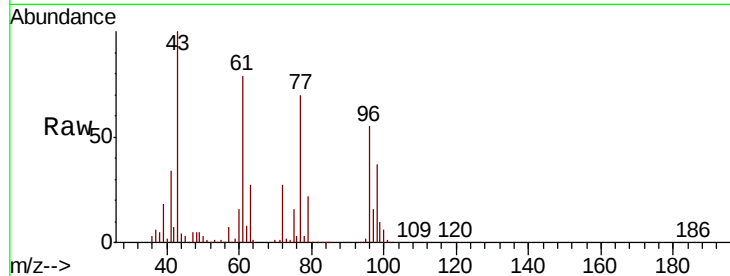
#25
2-Butanone
Concen: 238.823 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.01 min
Lab File: VY000814.D
Acq: 27 Nov 2019 13:00

Instrument :
MSVOA_Y
ClientSampleId :
ICVY112719

Tot Ion: 43 Resp: 392686
Ion Ratio Lower Upper
43 100
72 26.7 21.0 31.4

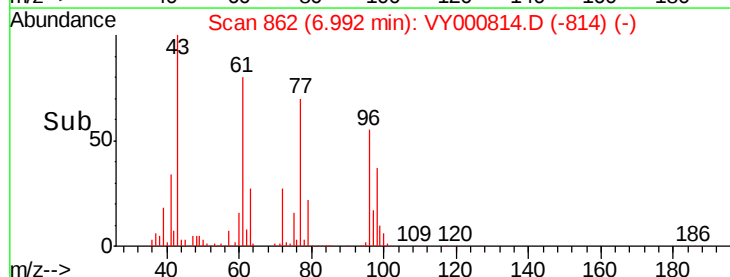
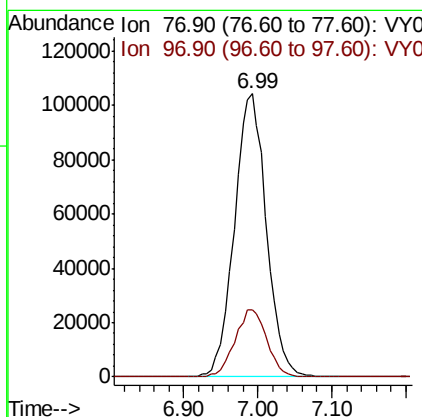
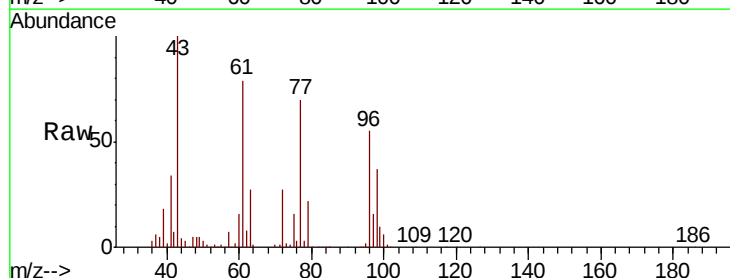
Manual Integrations
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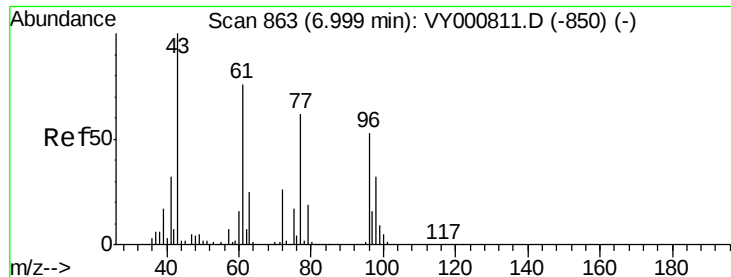
MMDadoda
12/2/2019 11:37:14 AM



#26
2,2-Dichloropropane
Concen: 47.870 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.01 min
Lab File: VY000814.D
Acq: 27 Nov 2019 13:00

Tgt Ion: 77 Resp: 313327
Ion Ratio Lower Upper
77 100
97 23.6 11.9 35.9





#27

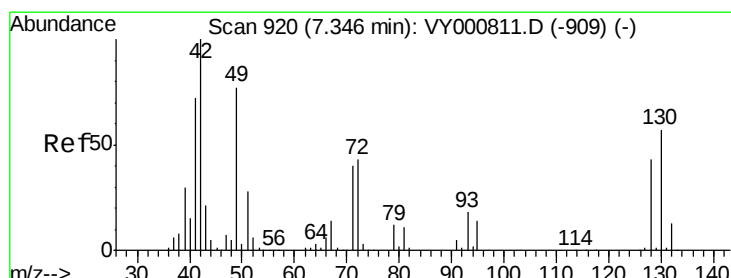
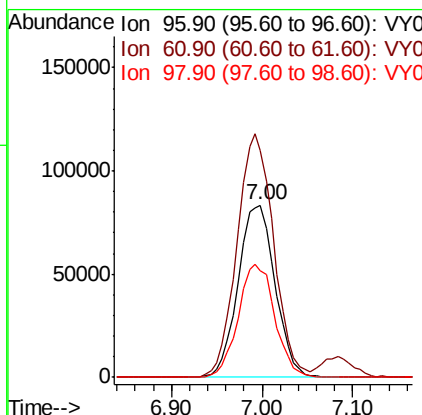
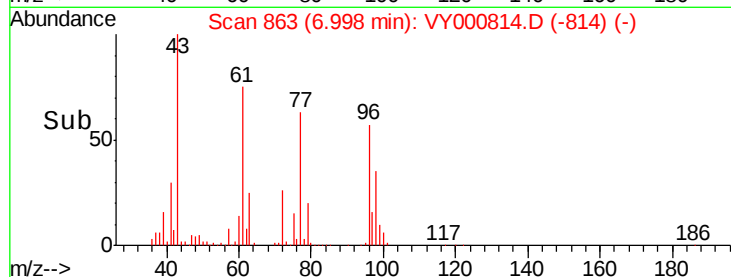
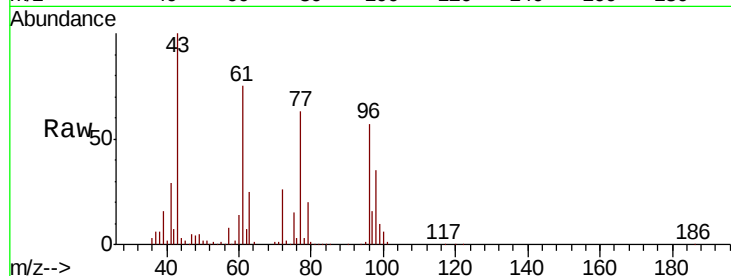
cis-1,2-Dichloroethene
Concen: 47.914 ug/l
RT: 7.00 min Scan# 863
Delta R.T. -0.00 min
Lab File: VY000814.D
Acq: 27 Nov 2019 13:00

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY112719

Tot Ion	Ratio	Resp	Lower	Upper
96	100	235695		
61	140.3	0.0	285.0	
98	64.9	0.0	128.0	

Manual Integrations
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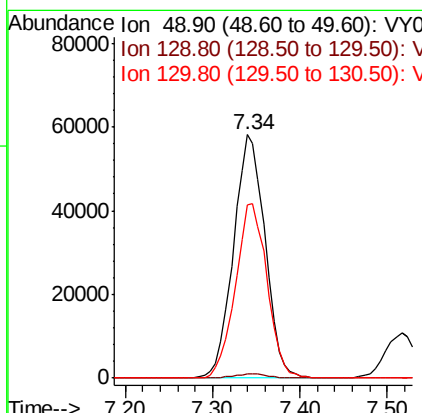
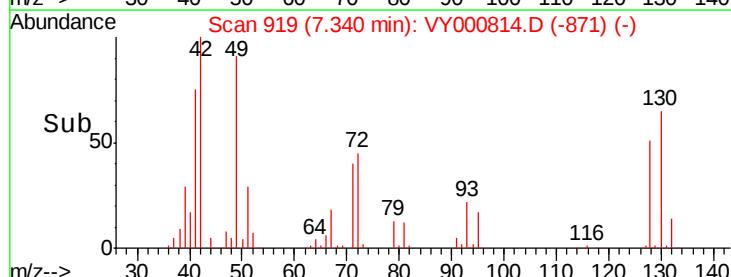
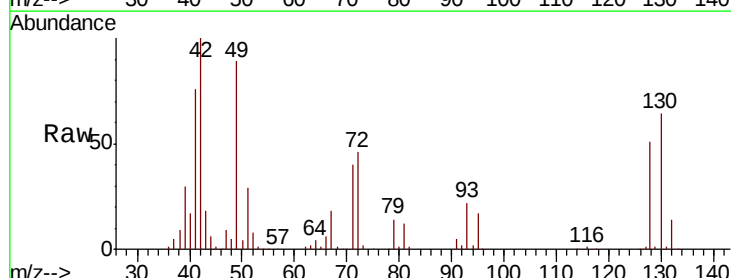
MMDadoda
12/2/2019 11:37:14 AM

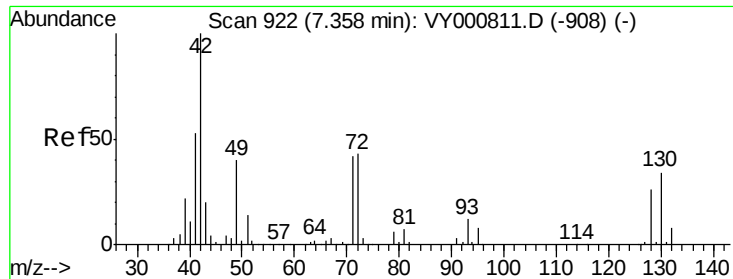


#28

Bromochloromethane
Concen: 51.034 ug/l
RT: 7.34 min Scan# 919
Delta R.T. -0.01 min
Lab File: VY000814.D
Acq: 27 Nov 2019 13:00

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	145643		
129	1.8	0.0	3.8	
130	71.9	58.7	88.1	





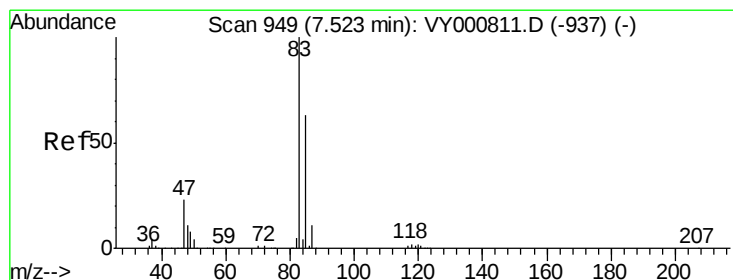
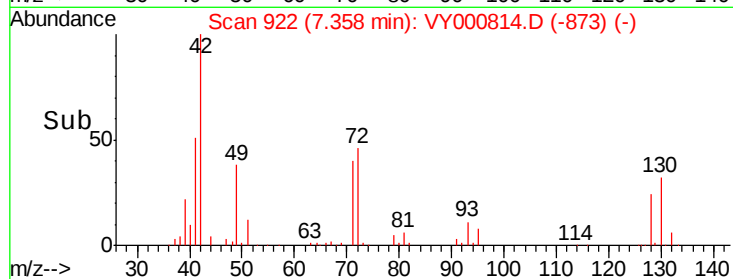
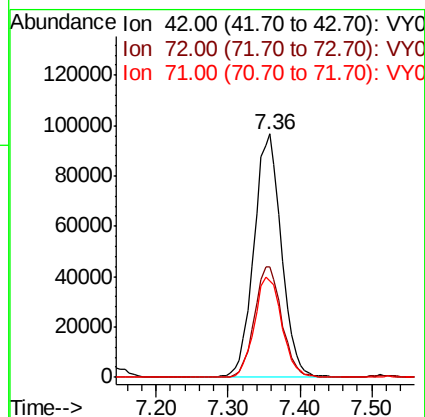
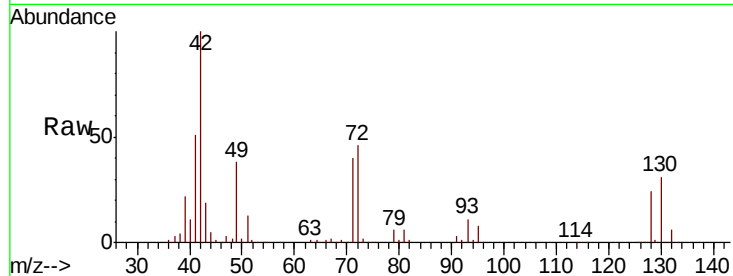
#29
Tetrahydrofuran
Concen: 236.124 ug/l
RT: 7.36 min Scan# 922
Delta R.T. -0.00 min
Lab File: VY000814.D
Acq: 27 Nov 2019 13:00

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY112719

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.1	35.1	52.7
71	41.2	32.8	49.2

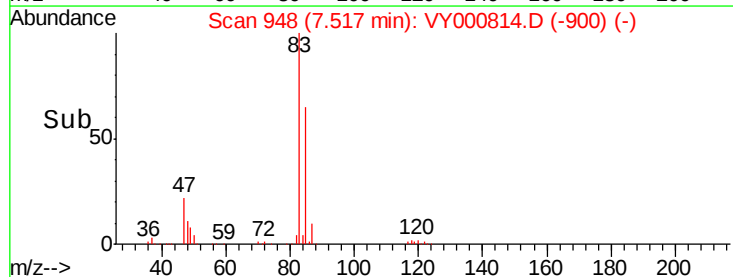
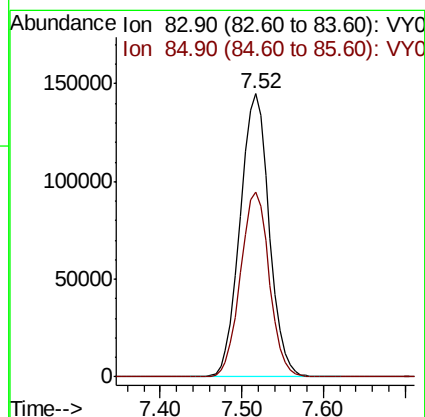
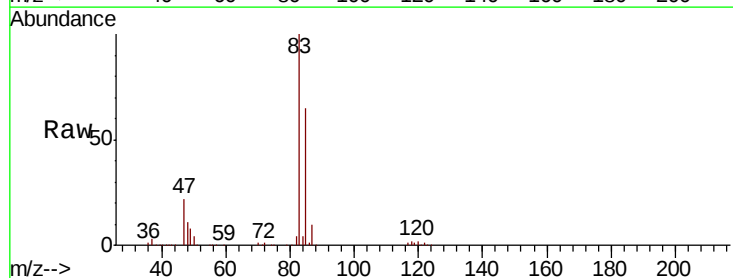
Manual Integrations
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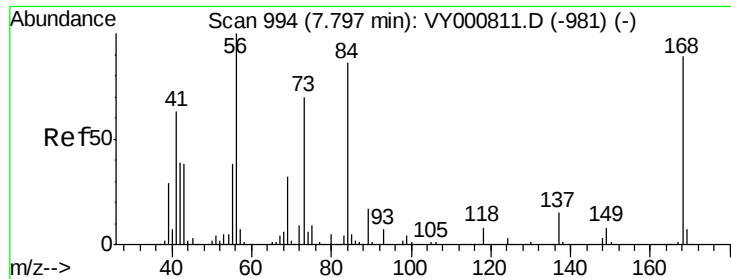
MMDadoda
12/2/2019 11:37:14 AM



#30
Chloroform
Concen: 45.819 ug/l
RT: 7.52 min Scan# 948
Delta R.T. -0.01 min
Lab File: VY000814.D
Acq: 27 Nov 2019 13:00

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.2	50.4	75.6





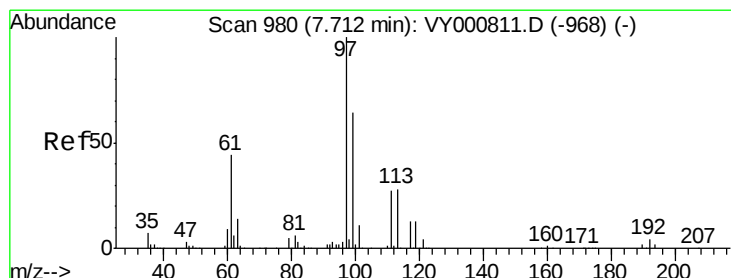
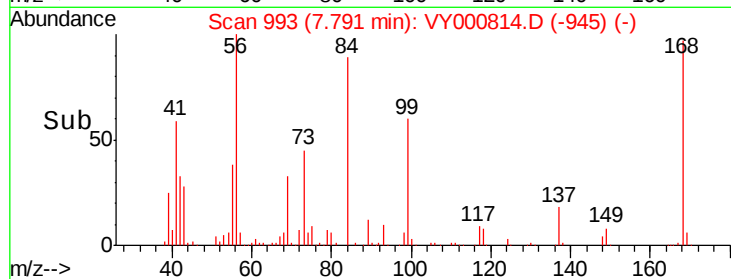
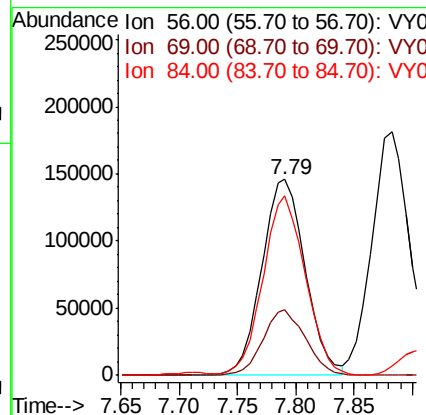
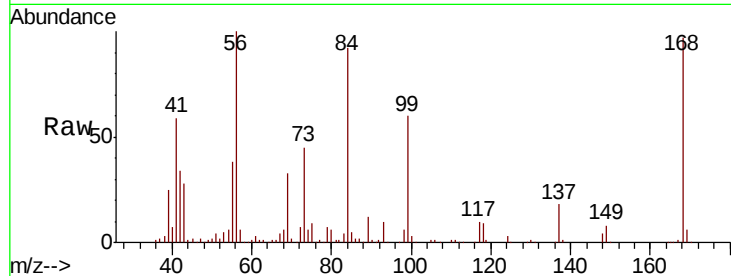
#31
Cyclohexane
Concen: 45.969 ug/l
RT: 7.79 min Scan# 993
Delta R.T. -0.01 min
Lab File: VY000814.D
Acq: 27 Nov 2019 13:00

Instrument :
MSVOA_Y
ClientSampleId :
ICVY112719

Tot Ion	Ratio	Lower	Upper
56	100		
69	33.4	25.9	38.9
84	90.7	68.6	102.8

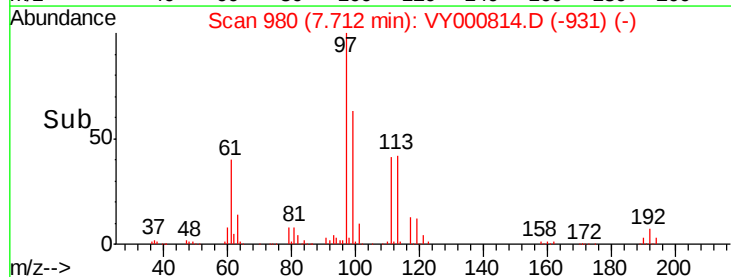
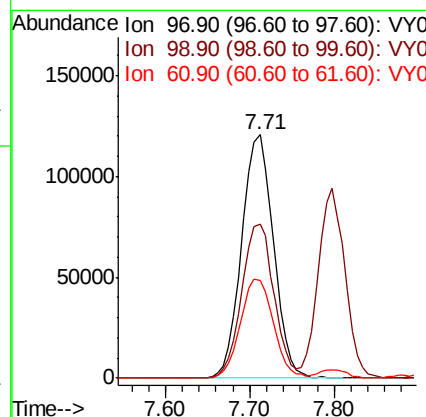
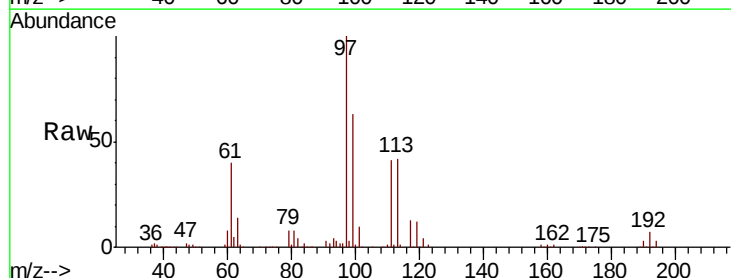
Manual Integrations
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#32
1,1,1-Trichloroethane
Concen: 47.853 ug/l
RT: 7.71 min Scan# 980
Delta R.T. -0.00 min
Lab File: VY000814.D
Acq: 27 Nov 2019 13:00

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.0	51.7	77.5
61	42.0	35.0	52.6





#33

1,2-Dichloroethane-d4

Concen: 47.952 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.00 min

Lab File: VY000814.D

Acq: 27 Nov 2019 13:00

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY112719

Tot Ion: 65 Resp: 186061

Ion Ratio Lower Upper

65 100

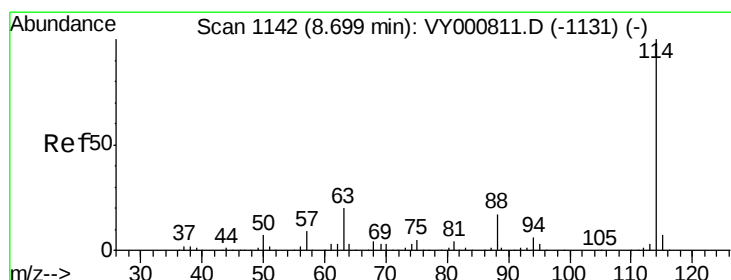
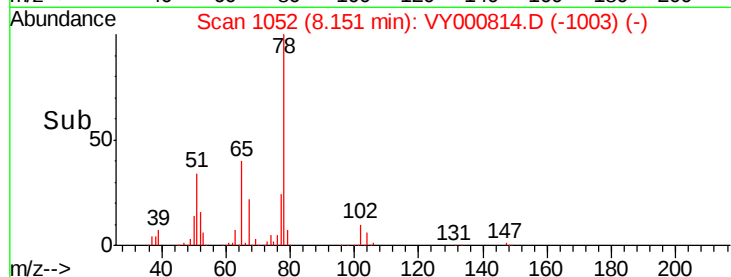
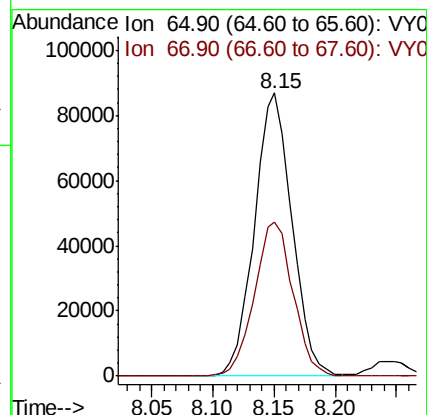
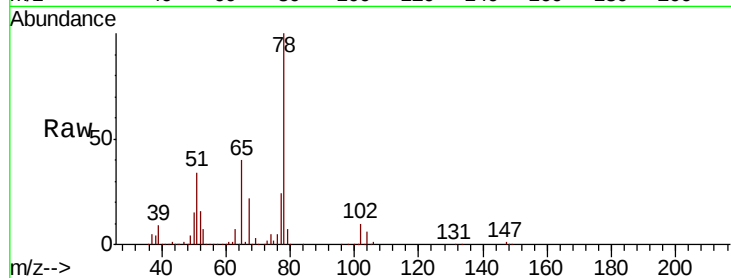
67 55.8 0.0 112.0

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. -0.01 min

Lab File: VY000814.D

Acq: 27 Nov 2019 13:00

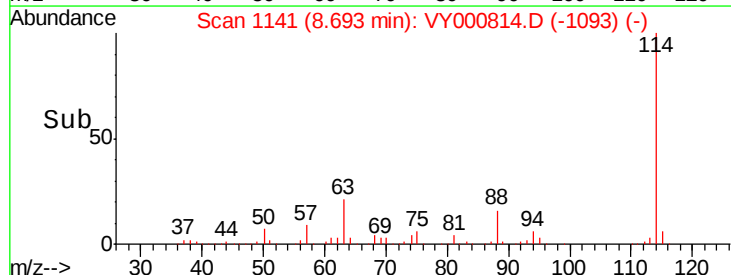
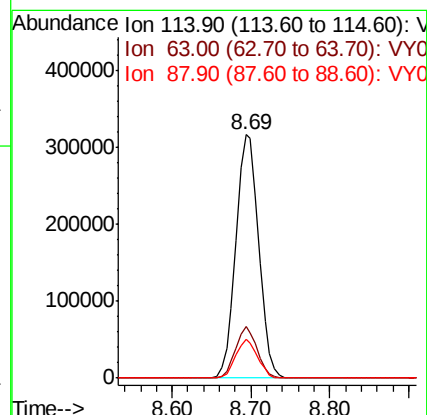
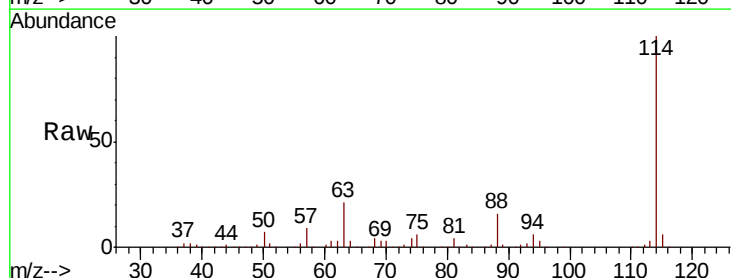
Tgt Ion: 114 Resp: 635934

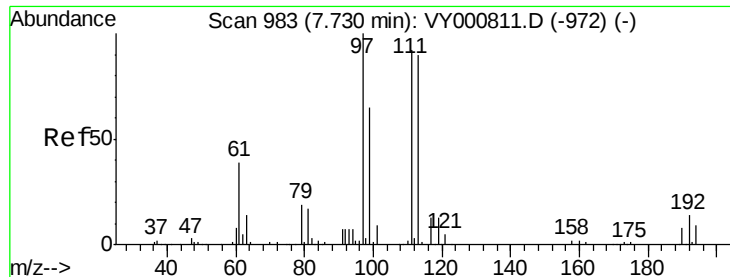
Ion Ratio Lower Upper

114 100

63 21.2 0.0 39.8

88 15.7 0.0 33.2





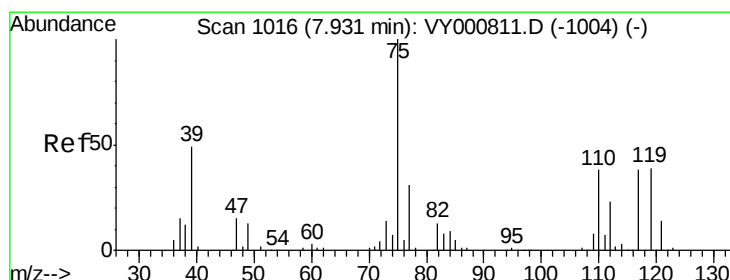
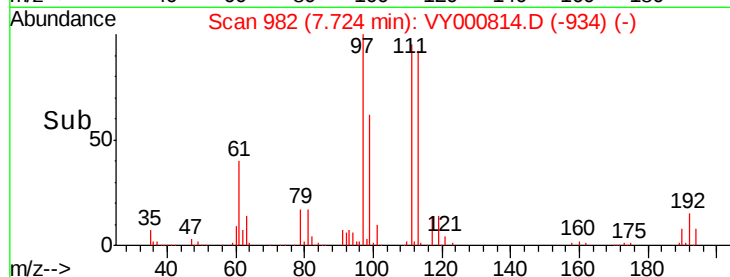
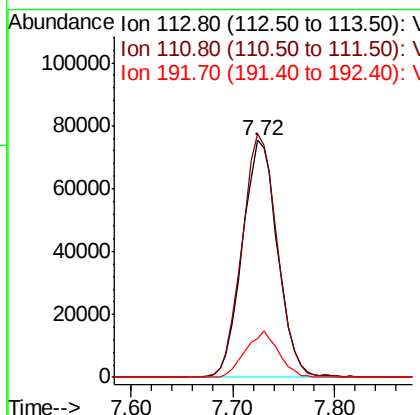
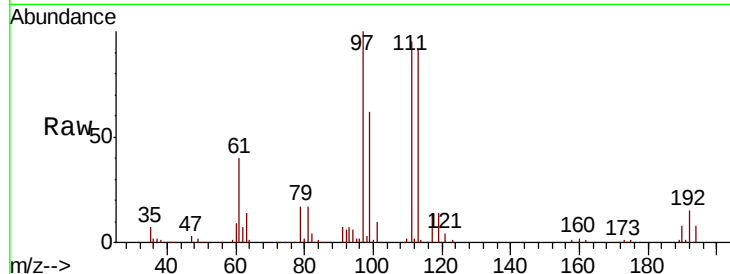
#35
Dibromofluoromethane
Concen: 48.827 ug/l
RT: 7.72 min Scan# 982
Delta R.T. -0.01 min
Lab File: VY000814.D
Acq: 27 Nov 2019 13:00

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY112719

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.4	123.6
192	18.5	14.2	21.2

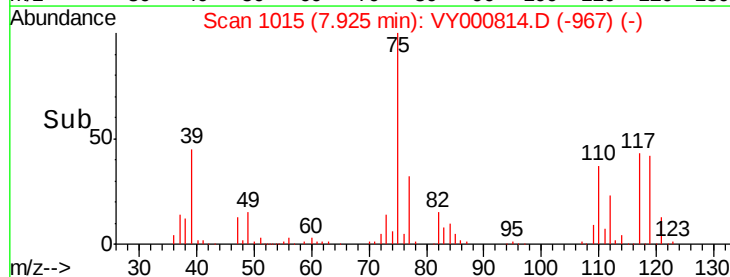
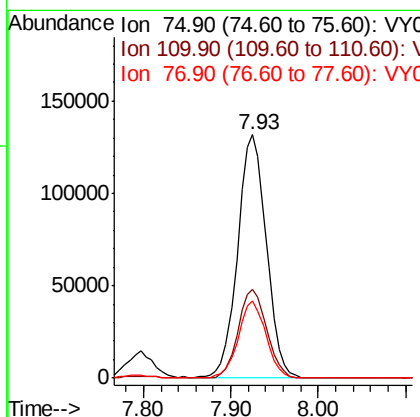
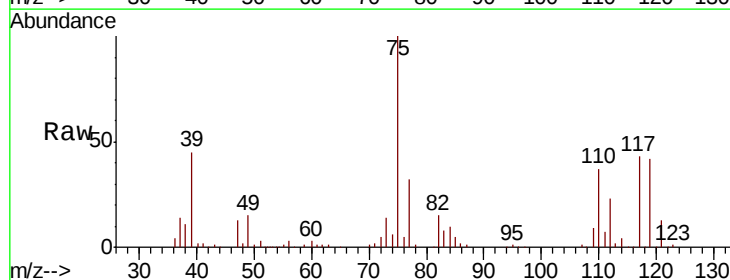
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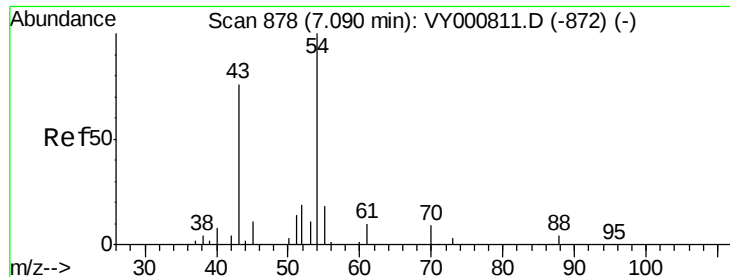
MMDadoda
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#36
1,1-Dichloropropene
Concen: 47.567 ug/l
RT: 7.93 min Scan# 1015
Delta R.T. -0.01 min
Lab File: VY000814.D
Acq: 27 Nov 2019 13:00

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.1	17.9	53.7
77	30.6	24.7	37.1





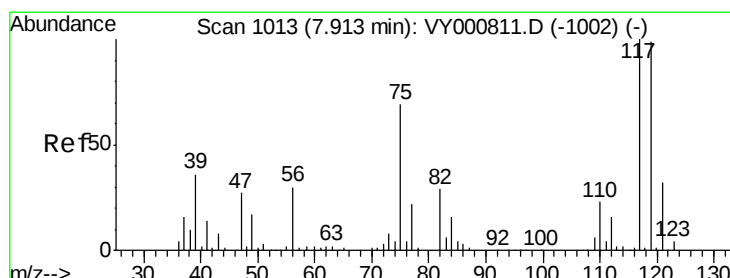
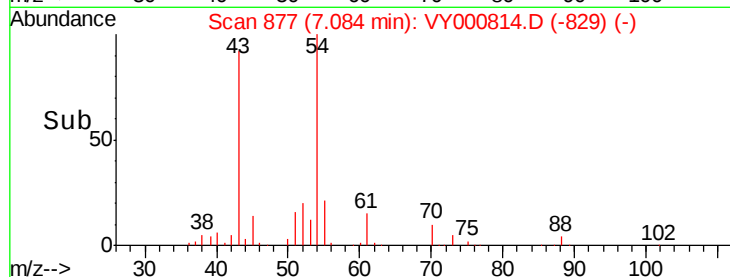
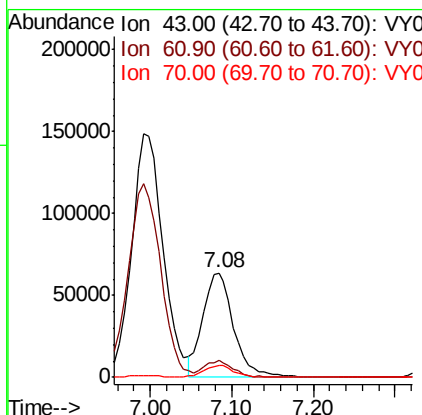
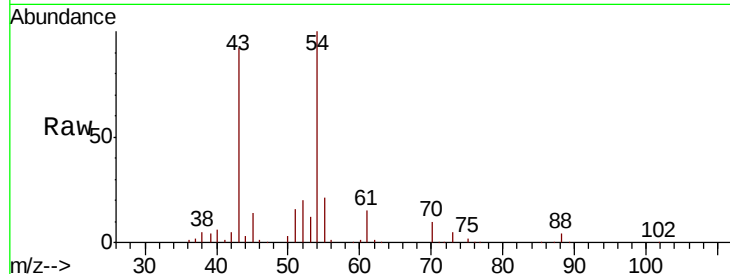
#37
Ethyl Acetate
Concen: 46.103 ug/l
RT: 7.08 min Scan# 877
Delta R.T. -0.01 min
Lab File: VY000814.D
Acq: 27 Nov 2019 13:00

Instrument :
MSVOA_Y
ClientSampleId :
ICVY112719

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.7	11.8	17.8
70	10.9	8.7	13.1

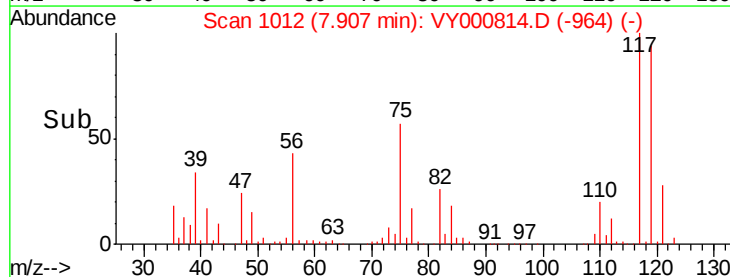
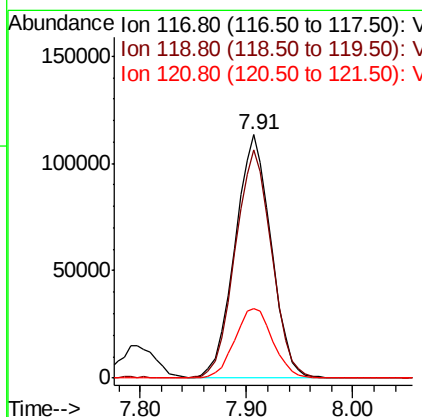
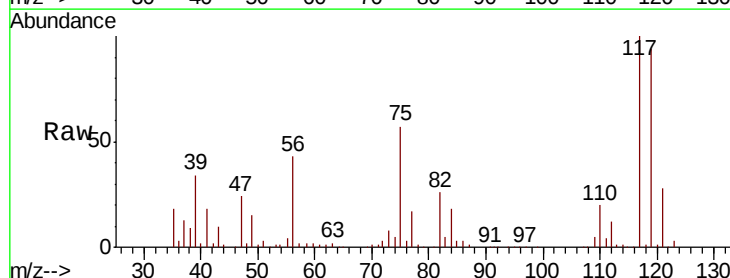
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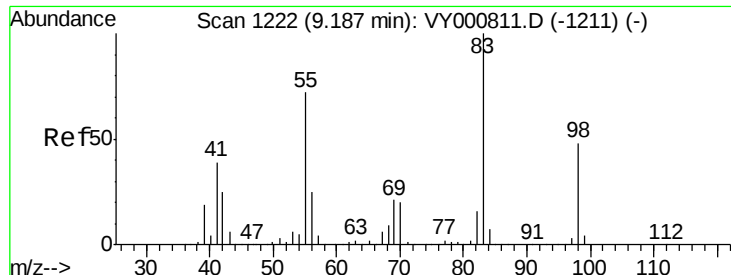
MMDadoda
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#38
Carbon Tetrachloride
Concen: 47.983 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.01 min
Lab File: VY000814.D
Acq: 27 Nov 2019 13:00

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.7	79.3	118.9
121	28.5	25.5	38.3





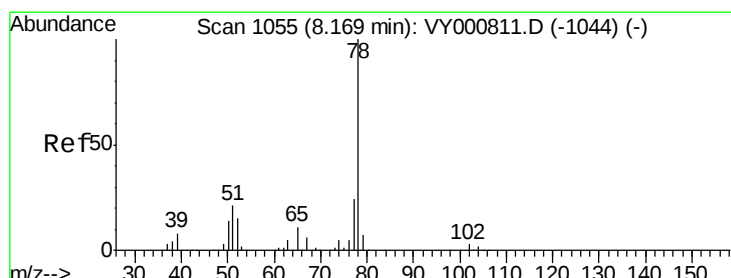
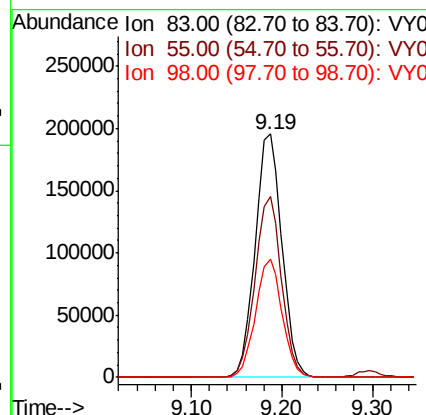
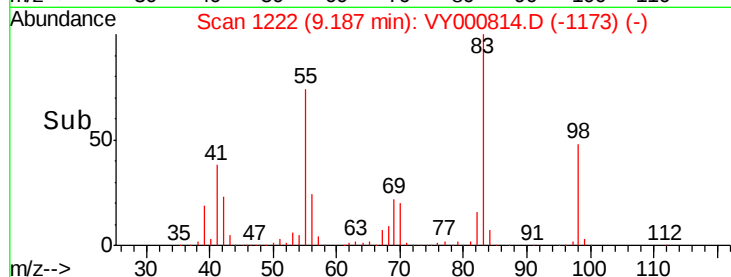
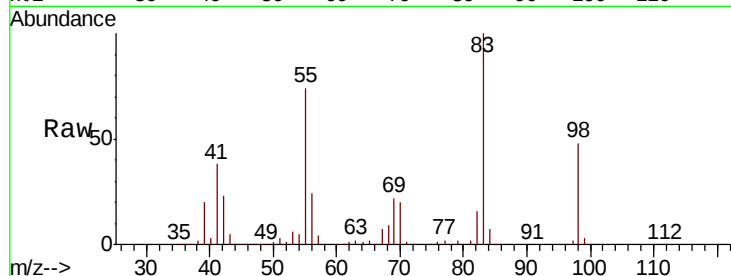
#39
Methvlcvclohexane
Concen: 47.681 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY000814.D
Acq: 27 Nov 2019 13:00

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY112719

Tot Ion	83.00	Resp	399443
Ion Ratio	Lower	Upper	
83	100		
55	74.3	57.8	86.6
98	48.5	38.6	58.0

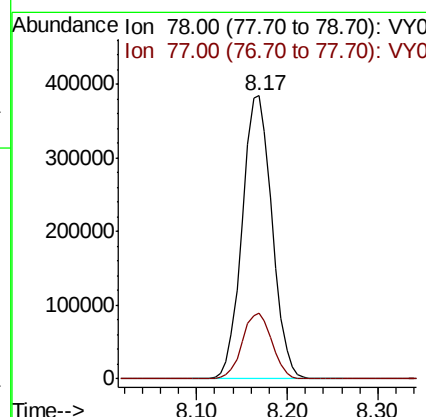
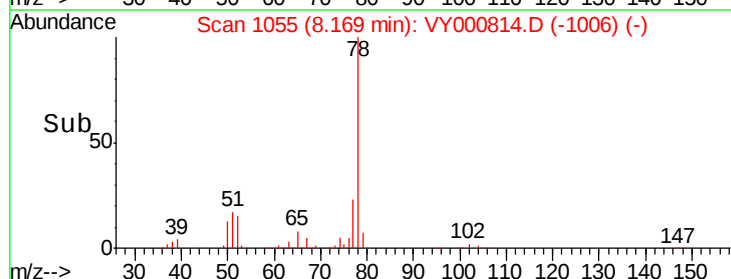
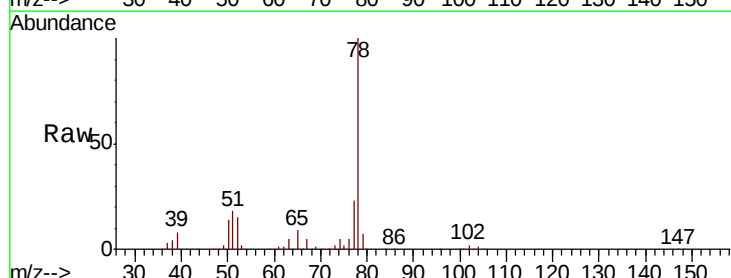
Manual Integrations
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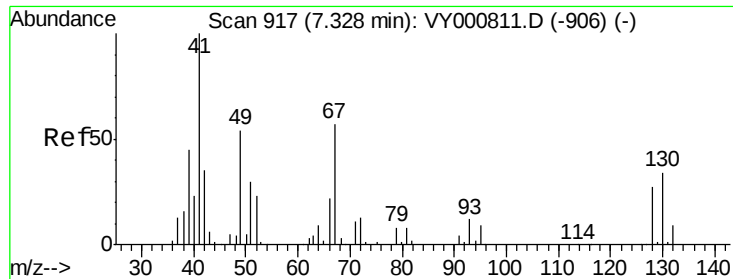
MMDadoda
12/2/2019 11:37:14 AM



#40
Benzene
Concen: 47.598 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.00 min
Lab File: VY000814.D
Acq: 27 Nov 2019 13:00

Tgt Ion	78.00	Resp	876669
Ion Ratio	Lower	Upper	
78	100		
77	23.3	19.2	28.8





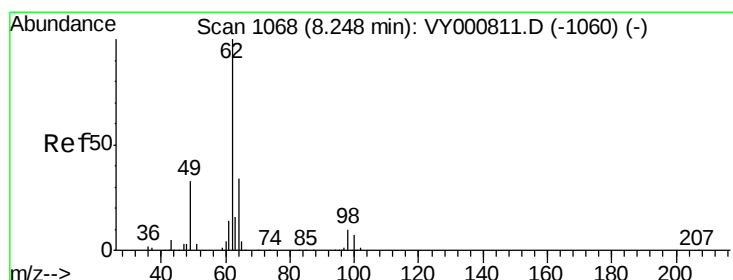
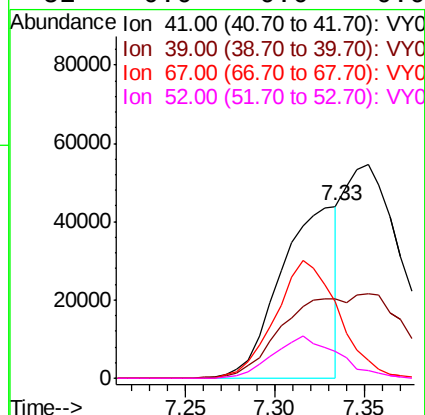
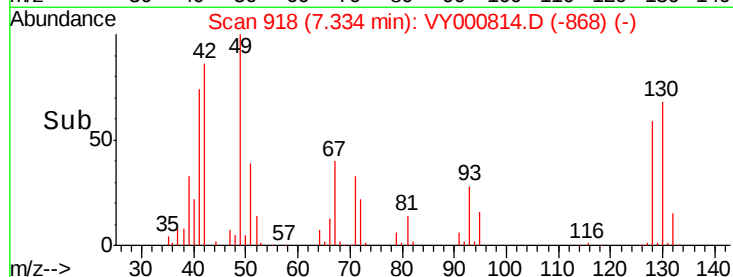
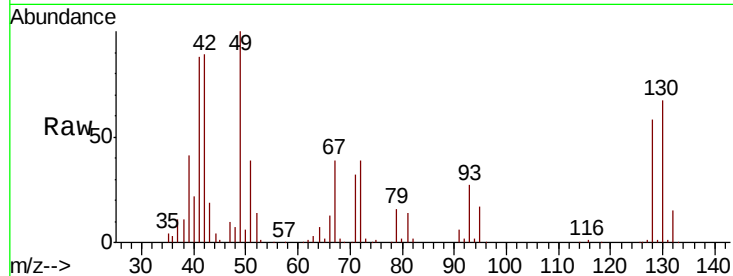
#41
Methacrylonitrile
Concen: 51.077 ug/l m
RT: 7.33 min Scan# 918
Delta R.T. 0.01 min
Lab File: VY000814.D
Acq: 27 Nov 2019 13:00

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY112719

Tot Ion	Ratio	Lower	Upper
41	100		
39	0.0	95.7	143.5#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

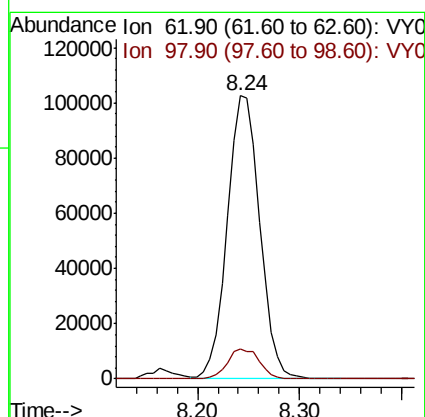
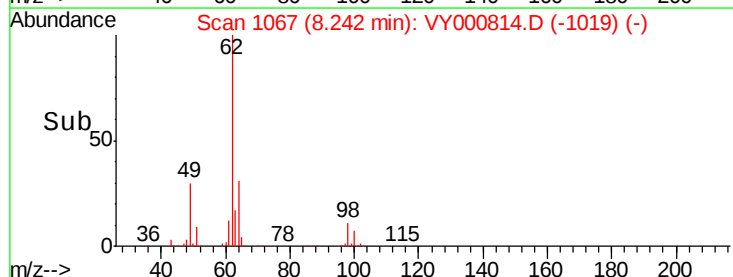
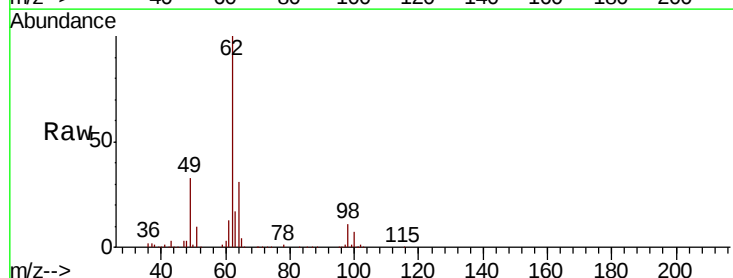
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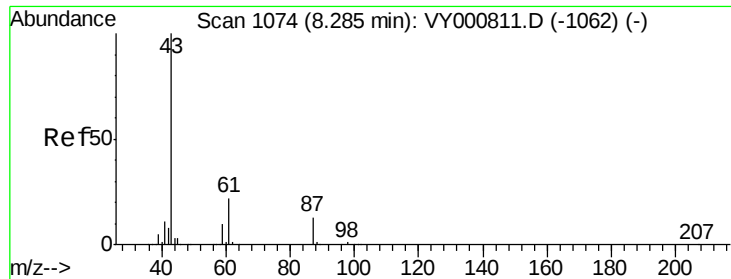
MMDadoda
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#42
1,2-Dichloroethane
Concen: 46.628 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.01 min
Lab File: VY000814.D
Acq: 27 Nov 2019 13:00

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.6	0.0	21.4





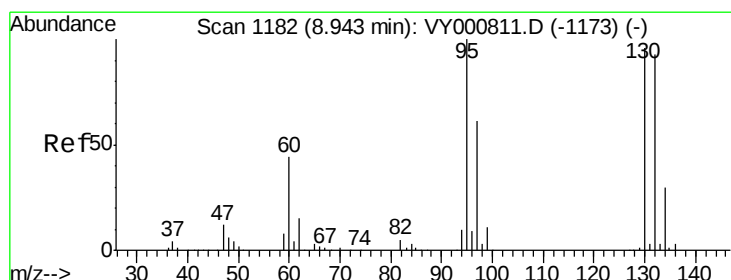
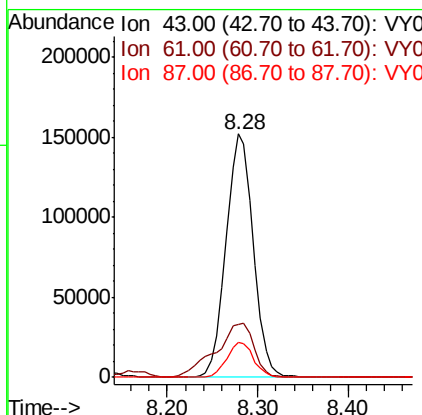
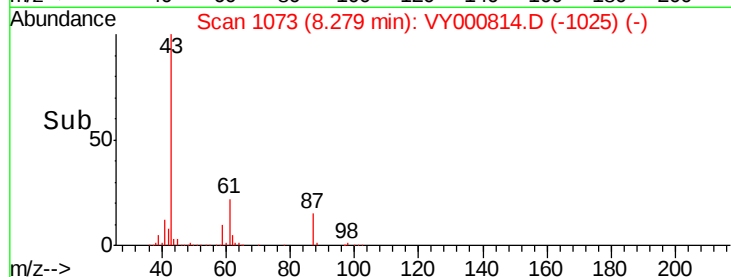
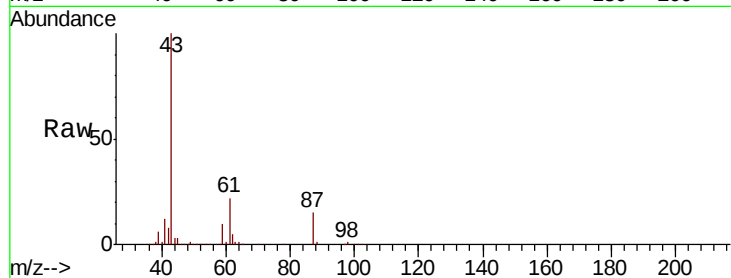
#43
Isopropyl Acetate
Concen: 46.075 ug/l
RT: 8.28 min Scan# 1073
Delta R.T. -0.01 min
Lab File: VY000814.D
Acq: 27 Nov 2019 13:00

Instrument :
MSVOA_Y
ClientSampleId :
ICVY112719

Tot Ion	Ratio	Lower	Upper
43	100		
61	31.1	23.7	35.5
87	14.1	10.6	15.8

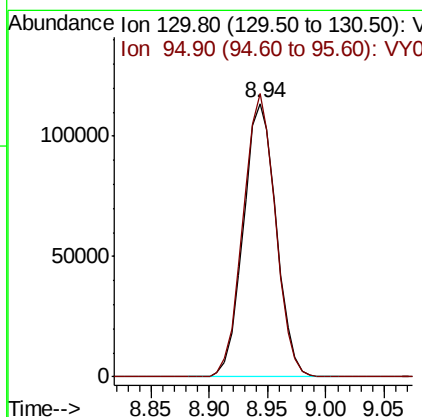
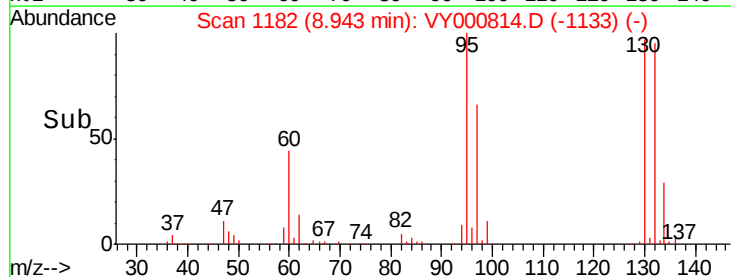
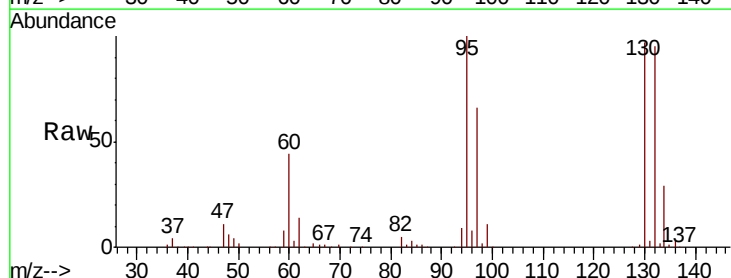
Manual Integrations
APPROVED

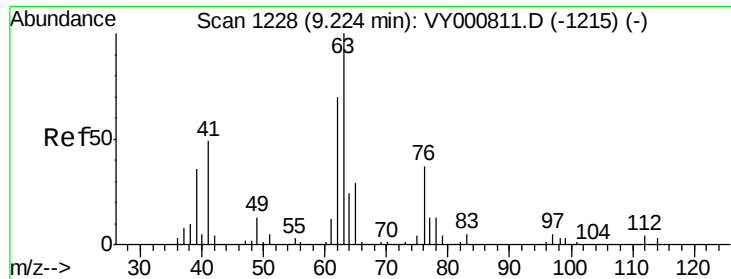
MMDadoda
12/2/2019 11:37:14 AM



#44
Trichloroethene
Concen: 47.273 ug/l
RT: 8.94 min Scan# 1182
Delta R.T. -0.00 min
Lab File: VY000814.D
Acq: 27 Nov 2019 13:00

Tgt Ion	Ratio	Lower	Upper
130	100		
95	103.6	0.0	207.8





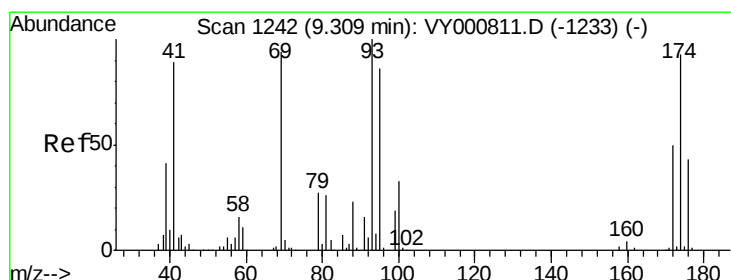
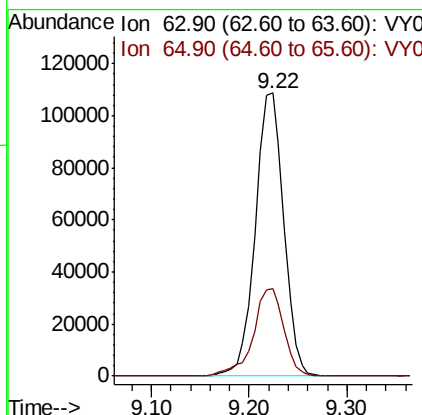
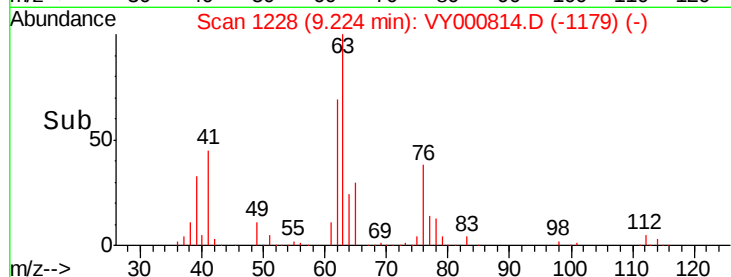
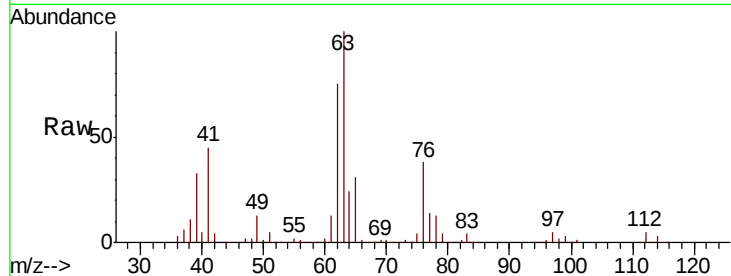
#45
 1,2-Dichloropropane
 Concen: 47.294 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. -0.00 min
 Lab File: VY000814.D
 Acq: 27 Nov 2019 13:00

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY112719

Tot Ion: 63 Resp: 218799
 Ion Ratio Lower Upper
 63 100
 65 31.1 23.2 34.8

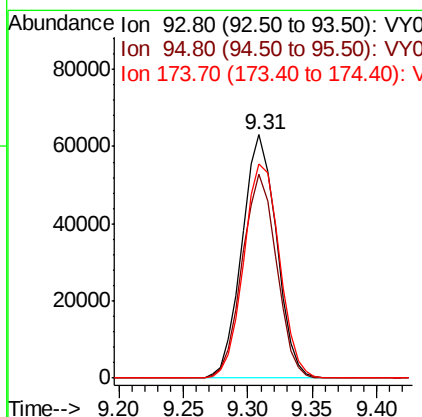
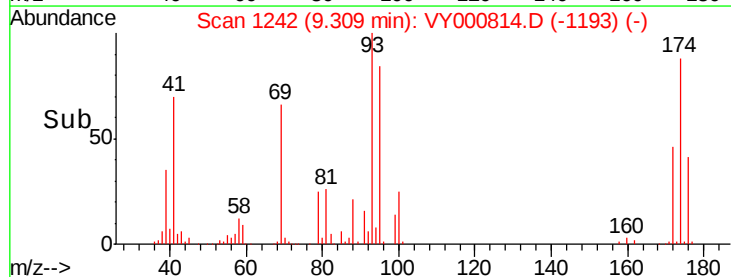
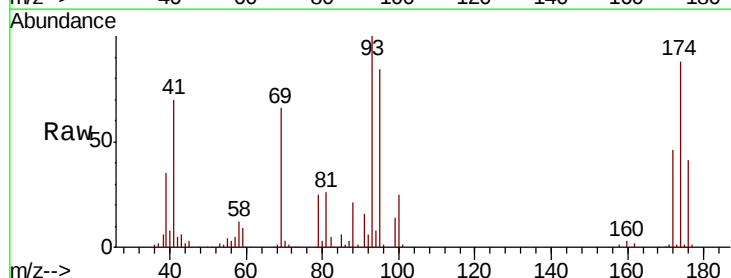
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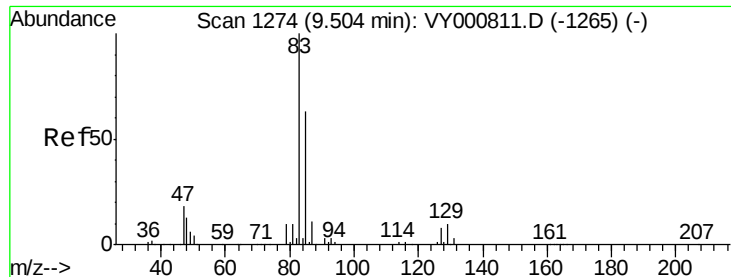
MMDadoda
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#46
 Dibromomethane
 Concen: 48.484 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.00 min
 Lab File: VY000814.D
 Acq: 27 Nov 2019 13:00

Tgt Ion: 93 Resp: 117195
 Ion Ratio Lower Upper
 93 100
 95 83.0 66.4 99.6
 174 91.1 73.0 109.6





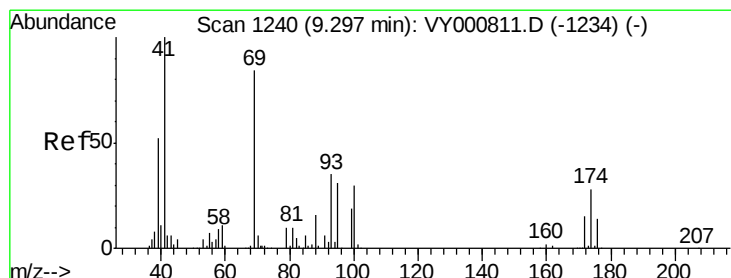
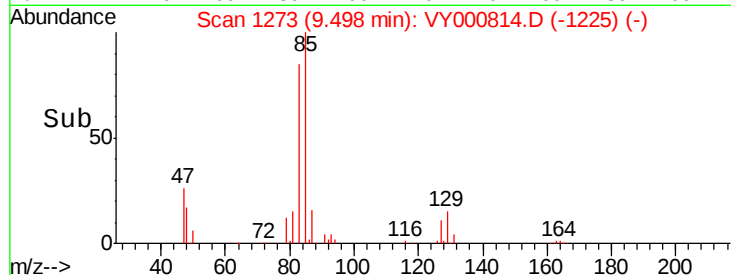
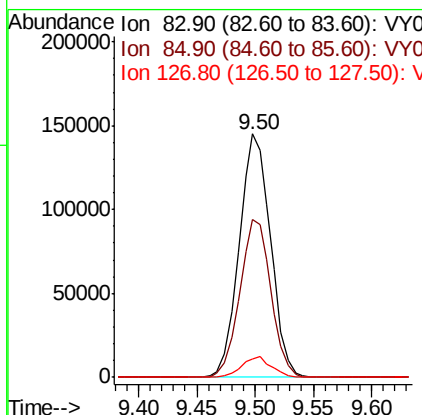
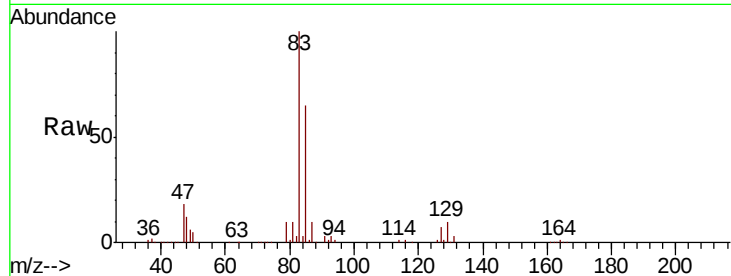
#47
Bromodichloromethane
Concen: 47.756 ug/l
RT: 9.50 min Scan# 1273
Delta R.T. -0.01 min
Lab File: VY000814.D
Acq: 27 Nov 2019 13:00

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY112719

Tot Ion	Ratio	Resp	Lower	Upper
83	100	271178		
85	64.8		50.8	76.2
127	7.4		6.6	10.0

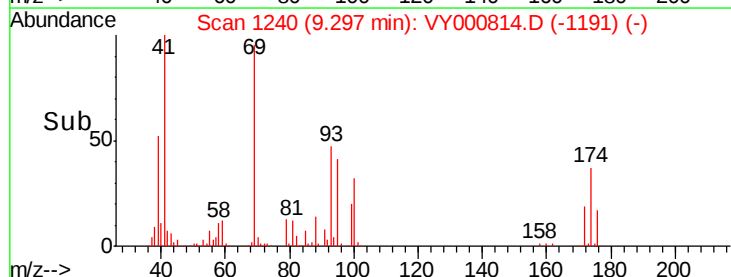
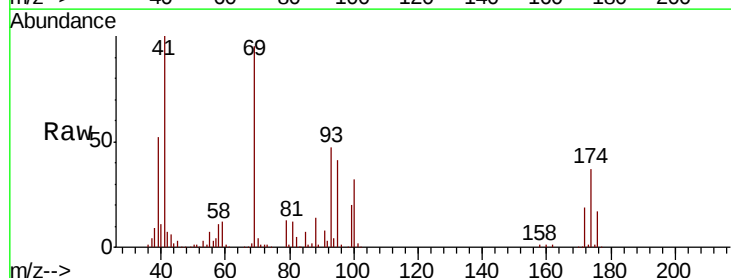
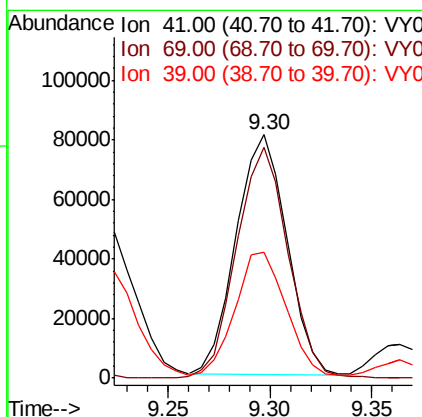
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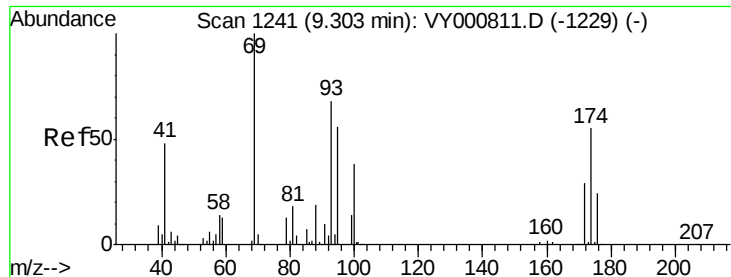
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#48
Methyl methacrylate
Concen: 46.319 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VY000814.D
Acq: 27 Nov 2019 13:00

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	140139		
69	97.2		70.4	105.6
39	51.5		40.9	61.3





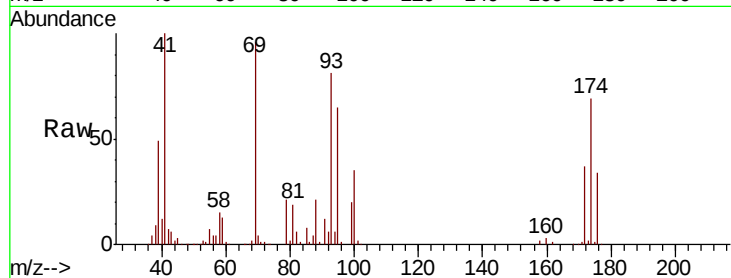
#49
1,4-Dioxane
Concen: 925.811 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VY000814.D
Acq: 27 Nov 2019 13:00

Instrument :
MSVOA_Y
ClientSampleId :
ICVY112719

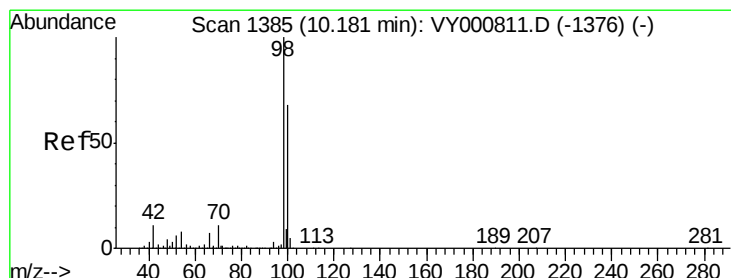
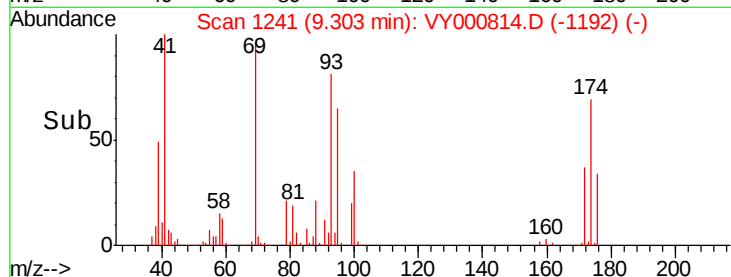
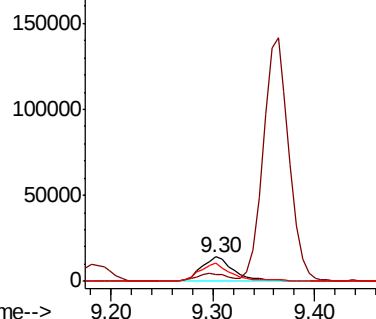
Tot Ion	Ratio	Lower	Upper
88	100		
43	30.2	21.1	31.7
58	74.0	50.7	76.1

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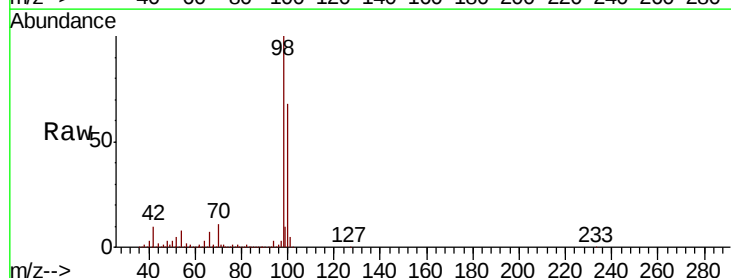


Abundance Ion 88.00 (87.70 to 88.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

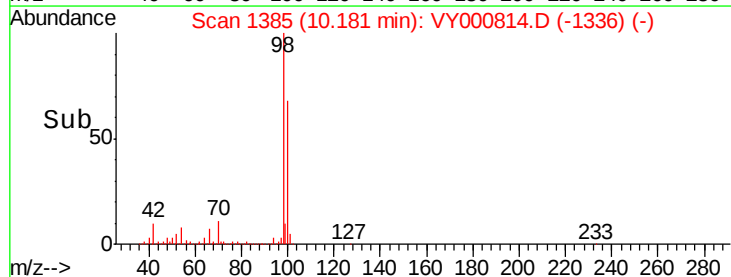
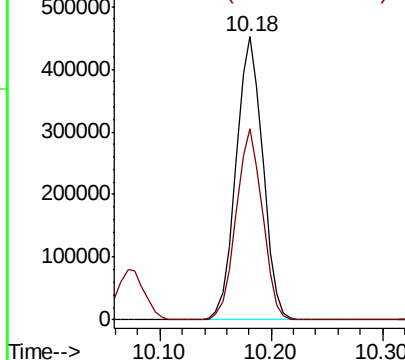


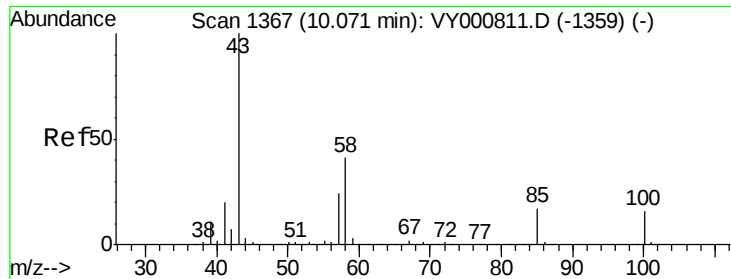
#50
Toluene-d8
Concen: 50.601 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY000814.D
Acq: 27 Nov 2019 13:00

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.5	53.1	79.7



Abundance Ion 98.00 (97.70 to 98.70): VY0
Ion 100.00 (99.70 to 100.70): VY0





#51

4-Methyl-2-Pentanone

Concen: 237.036 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. -0.00 min

Lab File: VY000814.D

Acq: 27 Nov 2019 13:00

Instrument :

MSVOA_Y

ClientSampleId :

ICVY112719

Tot Ion: 43 Resp: 842636

Ion Ratio Lower Upper

43 100

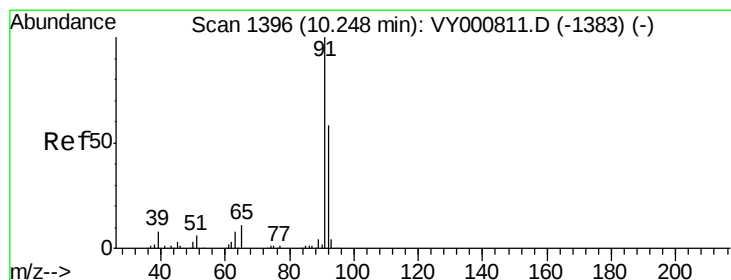
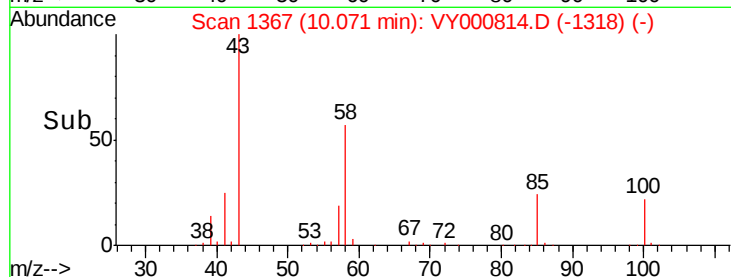
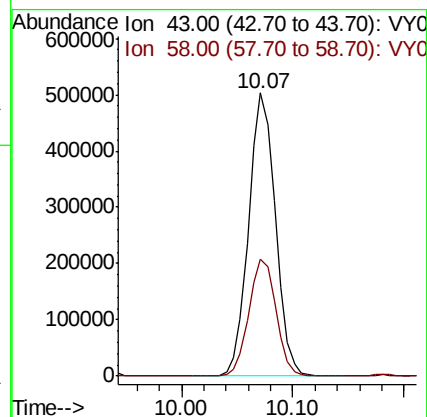
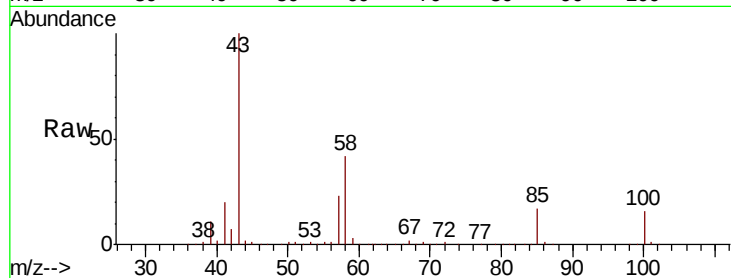
58 41.9 33.1 49.7

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#52

Toluene

Concen: 47.404 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. -0.01 min

Lab File: VY000814.D

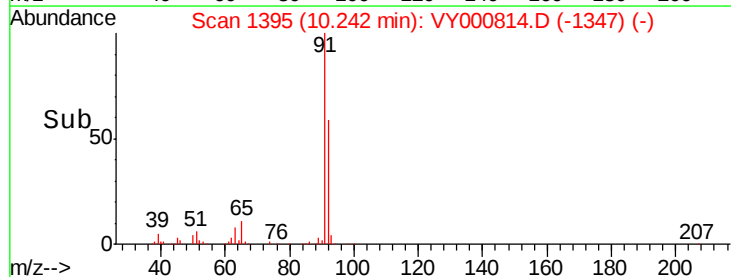
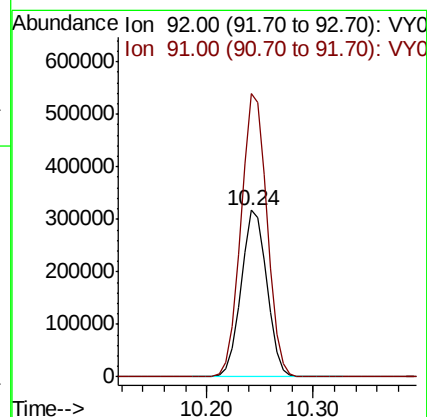
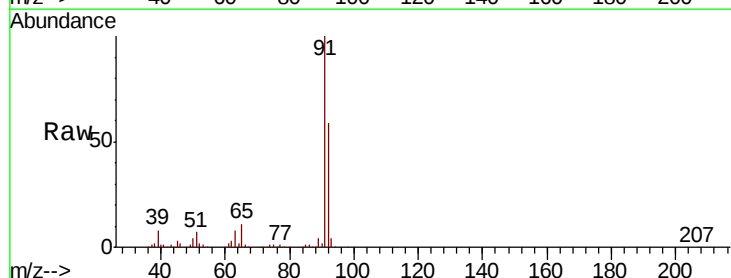
Acq: 27 Nov 2019 13:00

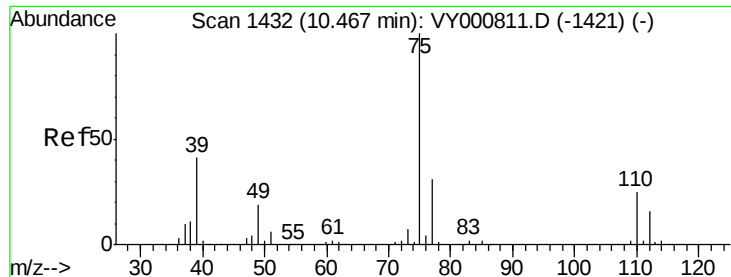
Tgt Ion: 92 Resp: 540578

Ion Ratio Lower Upper

92 100

91 171.7 136.6 204.8





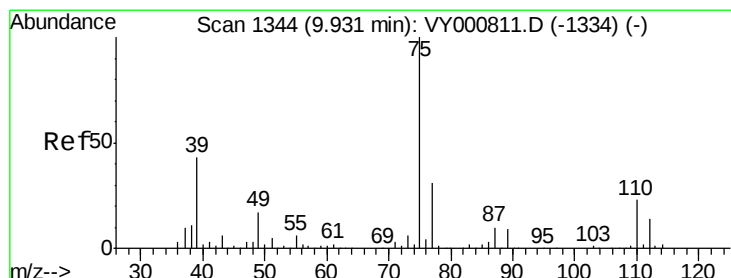
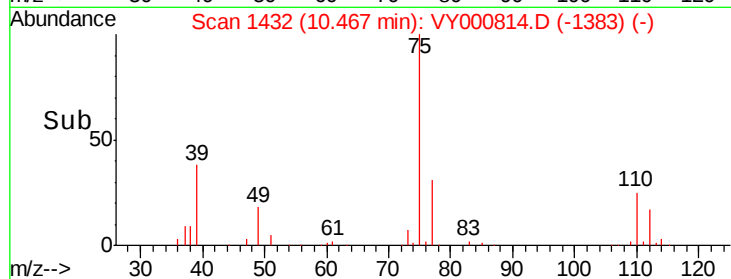
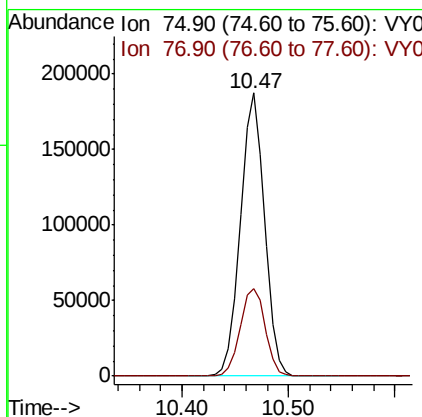
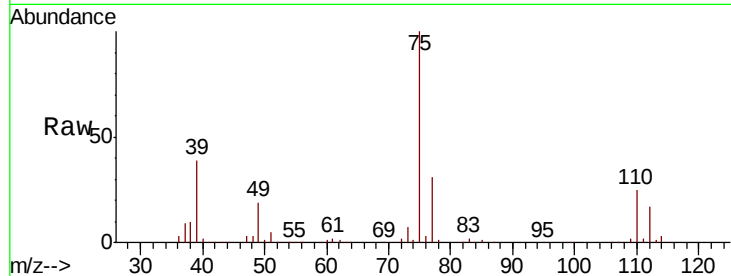
#53
 t-1,3-Dichloropropene
 Concen: 49.079 ug/l
 RT: 10.47 min Scan# 1432
 Delta R.T. -0.00 min
 Lab File: VY000814.D
 Acq: 27 Nov 2019 13:00

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY112719

Tot Ion: 75 Resp: 299413
 Ion Ratio Lower Upper
 75 100
 77 30.7 25.1 37.7

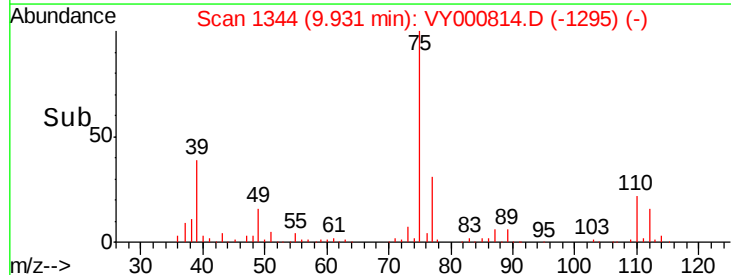
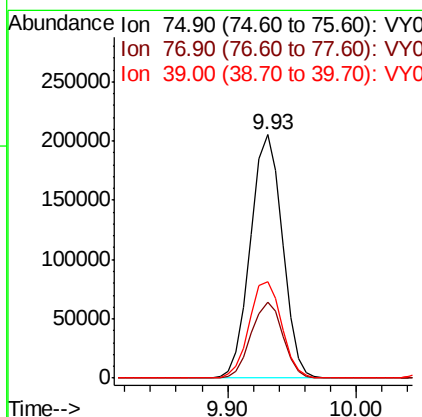
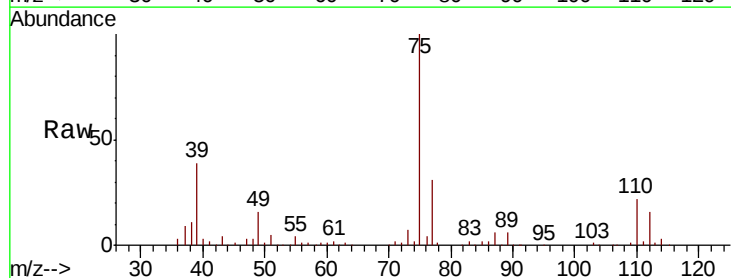
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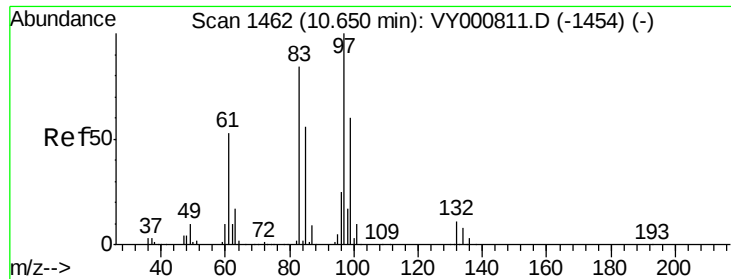
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 12/2/2019 11:37:14 AM



#54
 cis-1,3-Dichloropropene
 Concen: 48.873 ug/l
 RT: 9.93 min Scan# 1344
 Delta R.T. -0.00 min
 Lab File: VY000814.D
 Acq: 27 Nov 2019 13:00

Tgt Ion: 75 Resp: 352425
 Ion Ratio Lower Upper
 75 100
 77 31.3 24.7 37.1
 39 39.3 34.5 51.7





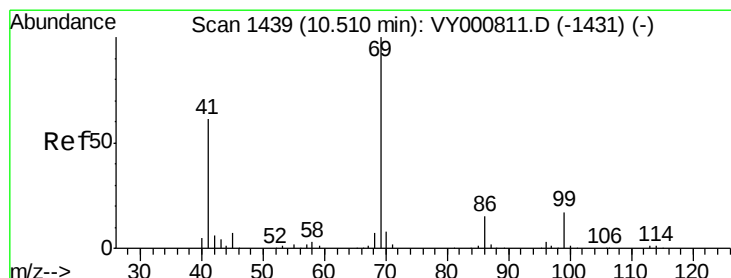
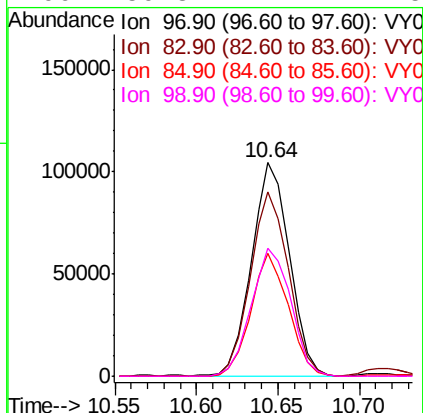
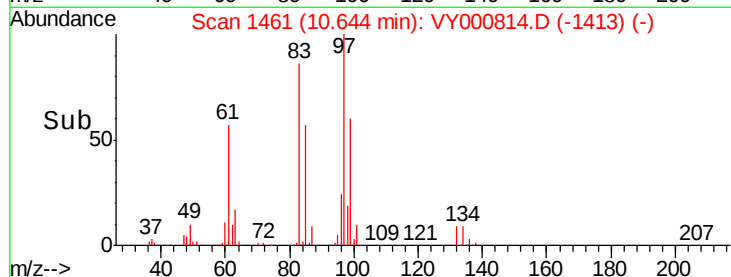
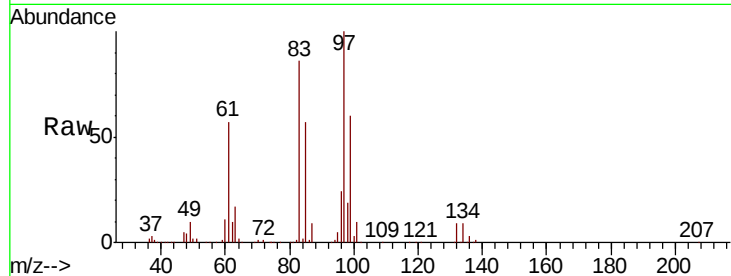
#55
1,1,2-Trichloroethane
Concen: 47.576 ug/l
RT: 10.64 min Scan# 1461
Delta R.T. -0.01 min
Lab File: VY000814.D
Acq: 27 Nov 2019 13:00

Instrument :
MSVOA_Y
ClientSampleId :
ICVY112719

Tot Ion:	97	Resp:	169906
Ion	Ratio	Lower	Upper
97	100		
83	86.2	67.5	101.3
85	57.5	44.5	66.7
99	59.8	47.7	71.5

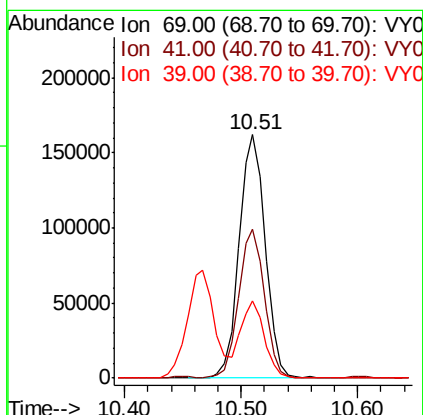
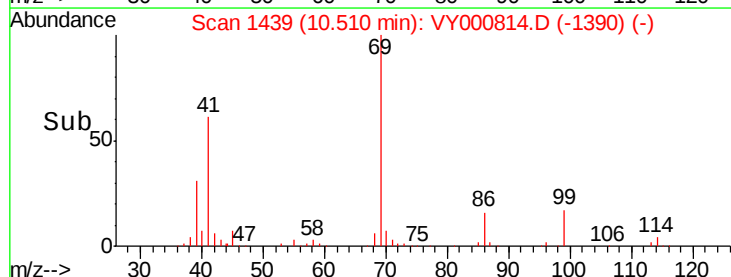
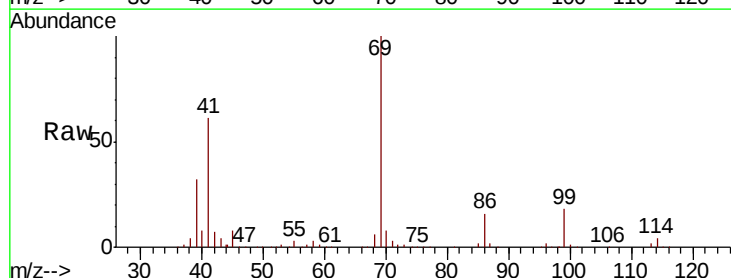
Manual Integrations
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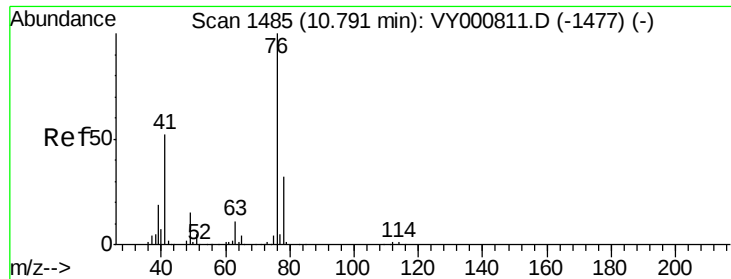
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#56
Ethyl methacrylate
Concen: 49.634 ug/l
RT: 10.51 min Scan# 1439
Delta R.T. -0.00 min
Lab File: VY000814.D
Acq: 27 Nov 2019 13:00

Tgt Ion:	69	Resp:	253574
Ion	Ratio	Lower	Upper
69	100		
41	60.2	49.0	73.6
39	28.3	23.1	34.7





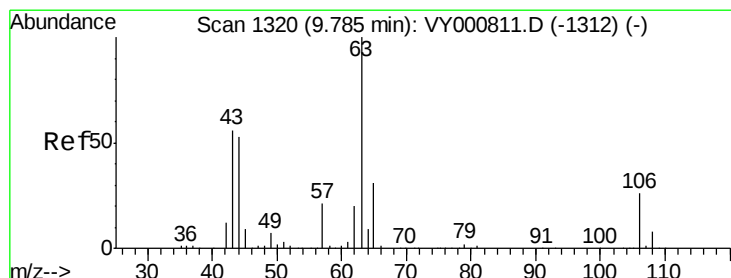
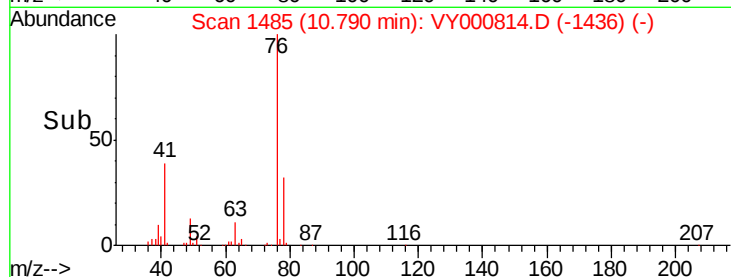
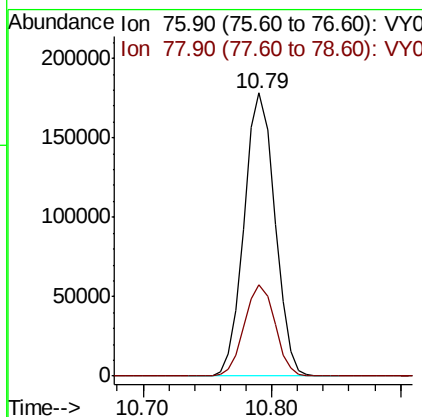
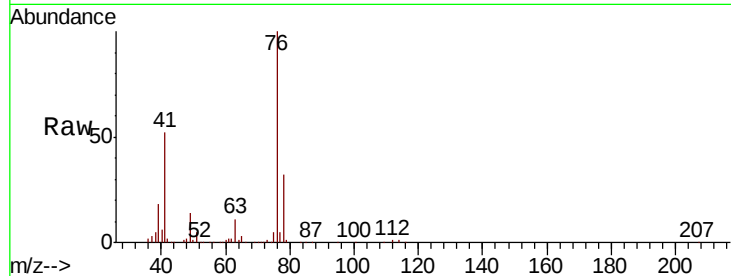
#57
 1,3-Dichloropropane
 Concen: 47.267 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. -0.00 min
 Lab File: VY000814.D
 Acq: 27 Nov 2019 13:00

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY112719

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.3	26.4	39.6

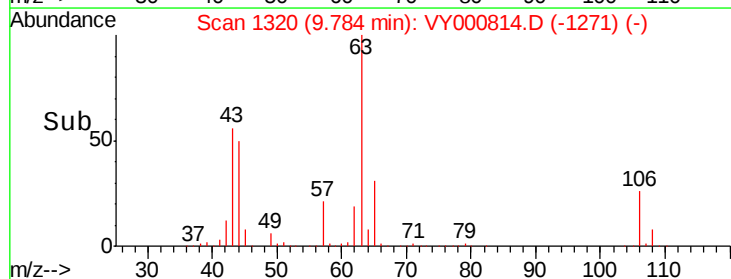
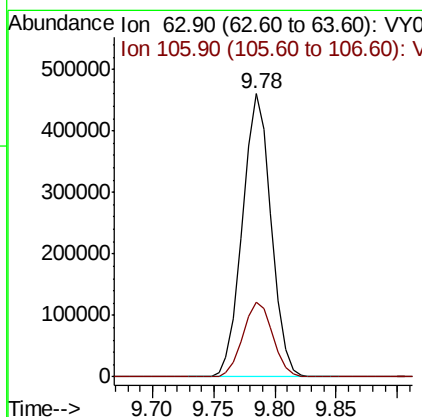
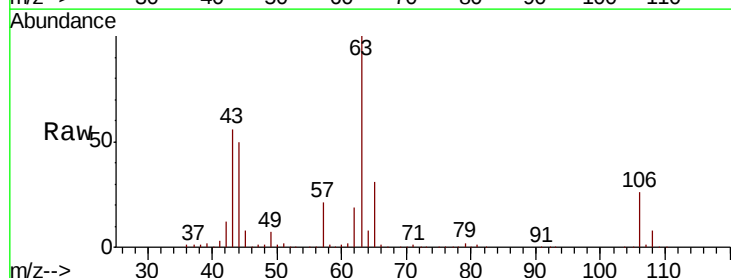
Manual Integrations
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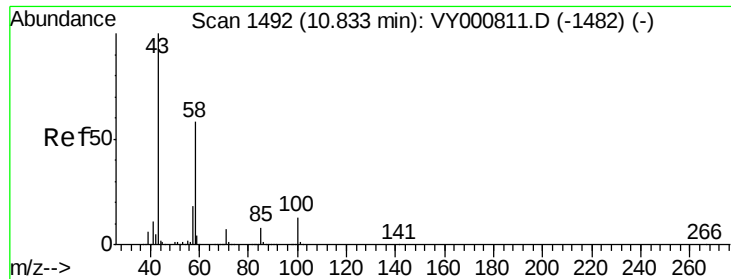
MMDadoda
 12/2/2019 11:37:14 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 363.786 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. -0.00 min
 Lab File: VY000814.D
 Acq: 27 Nov 2019 13:00

Tgt Ion	Ratio	Lower	Upper
63	100		
106	27.4	21.5	32.3





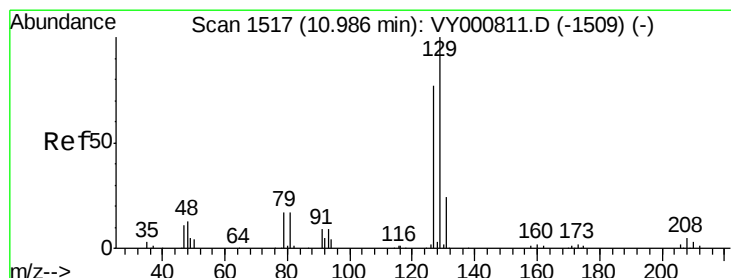
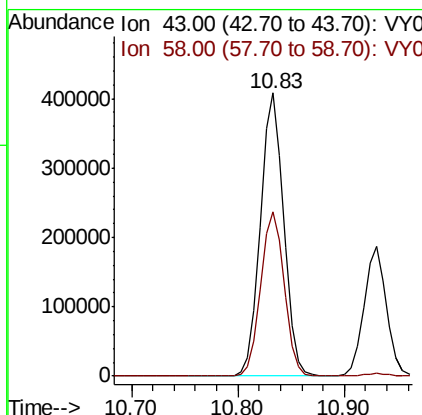
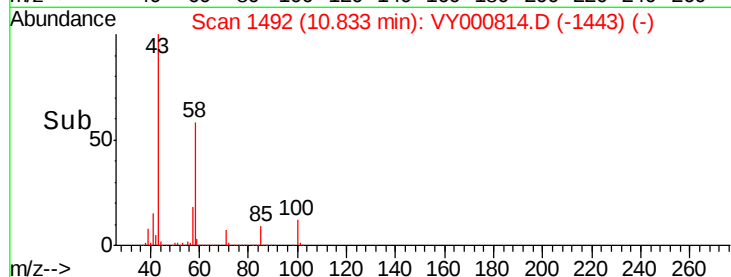
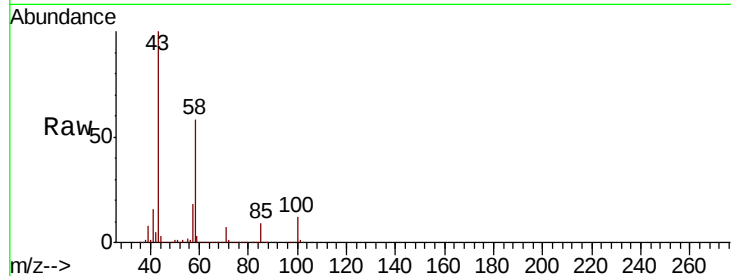
#59
2-Hexanone
Concen: 242.693 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY000814.D
Acq: 27 Nov 2019 13:00

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY112719

Tot Ion: 43 Resp: 628665
Ion Ratio Lower Upper
43 100
58 58.8 29.0 87.1

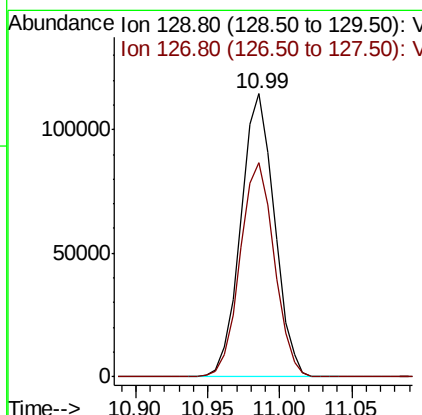
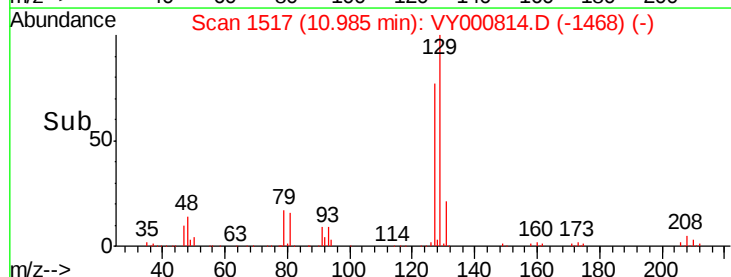
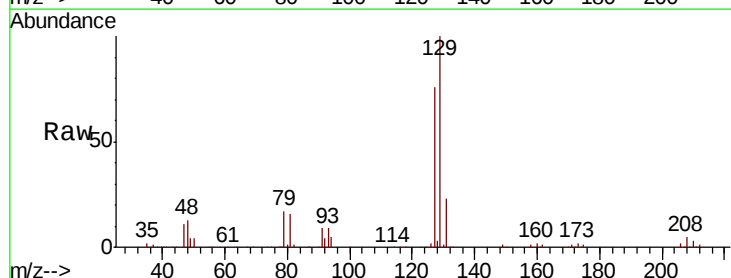
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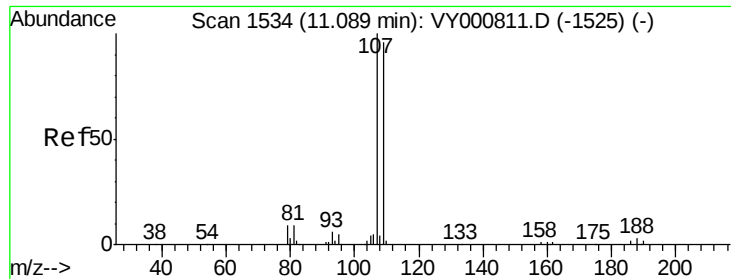
MMDadoda
12/2/2019 11:37:14 AM



#60
Dibromochloromethane
Concen: 48.238 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY000814.D
Acq: 27 Nov 2019 13:00

Tgt Ion: 129 Resp: 185450
Ion Ratio Lower Upper
129 100
127 76.7 39.1 117.2





#61

1,2-Dibromoethane

Concen: 49.065 ug/l

RT: 11.09 min Scan# 1534

Delta R.T. -0.00 min

Lab File: VY000814.D

Acq: 27 Nov 2019 13:00

Instrument :

MSVOA_Y

ClientSampleId :

ICVY112719

Tot Ion: 107 Resp: 165138

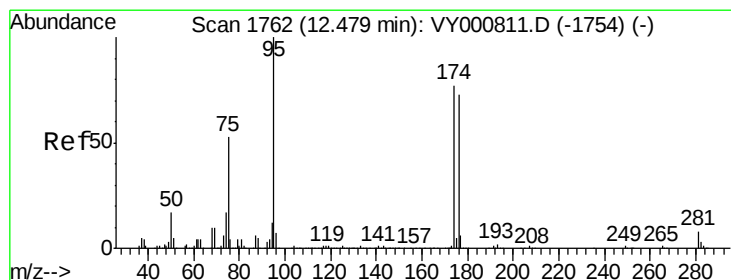
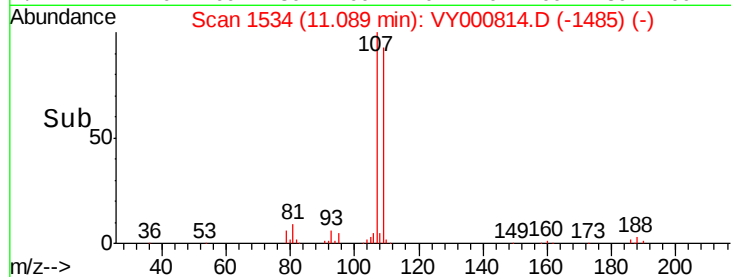
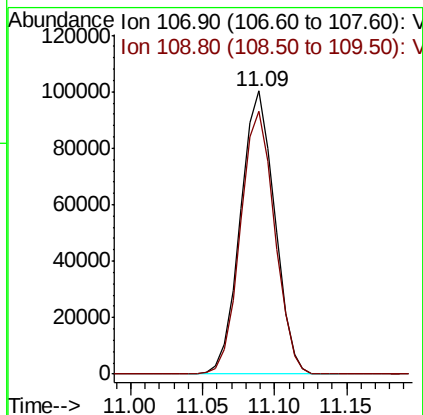
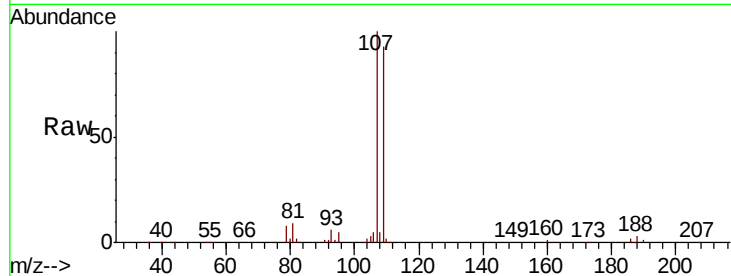
Ion Ratio Lower Upper

107 100

109 92.8 75.9 113.9

Manual Integrations
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#62

4-Bromofluorobenzene

Concen: 46.292 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY000814.D

Acq: 27 Nov 2019 13:00

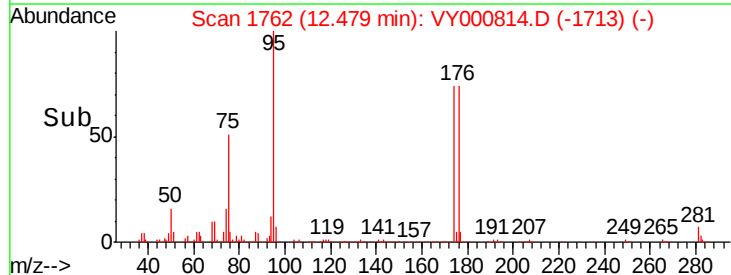
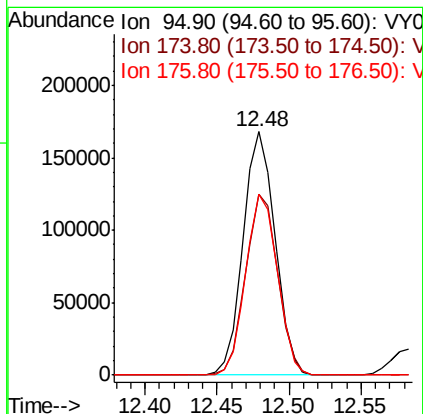
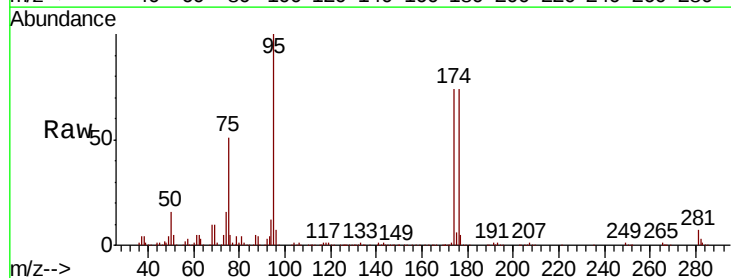
Tgt Ion: 95 Resp: 257601

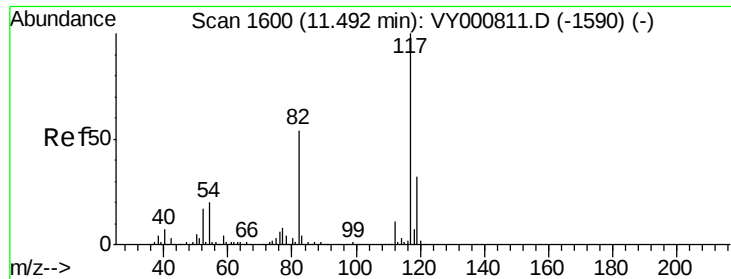
Ion Ratio Lower Upper

95 100

174 74.7 0.0 150.6

176 74.1 0.0 145.2





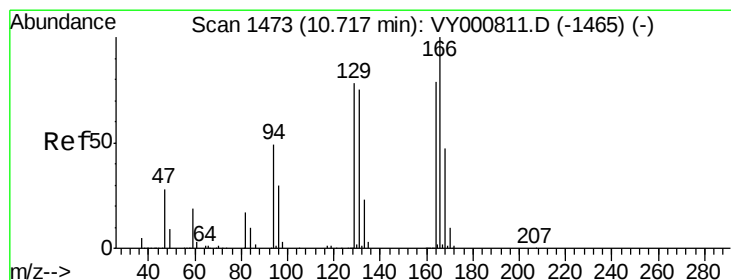
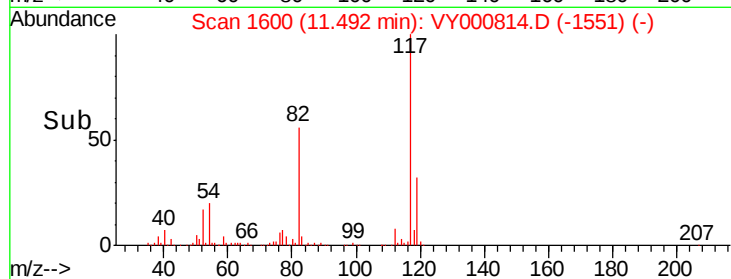
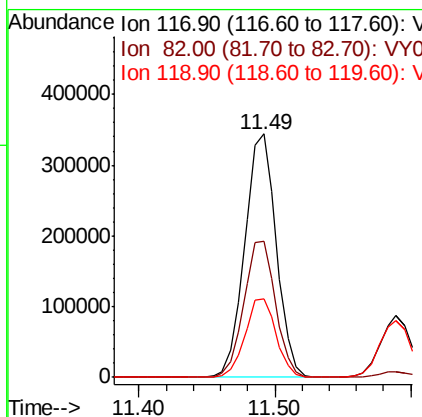
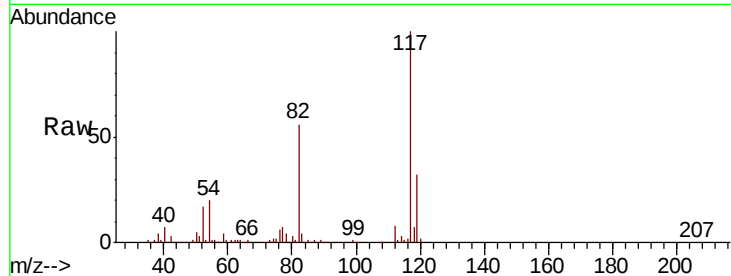
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY000814.D
Acq: 27 Nov 2019 13:00

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY112719

Tot Ion	Ratio	Resp	Lower	Upper
117	100	557552		
82	55.7	43.1	64.7	
119	32.5	25.3	37.9	

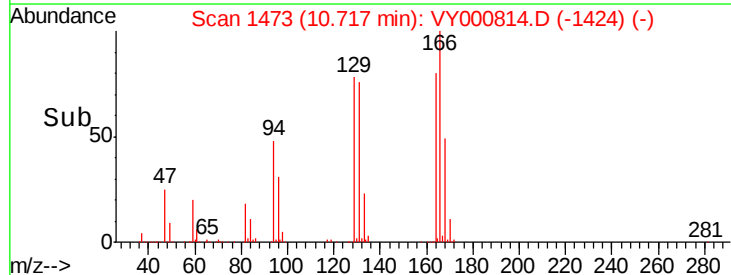
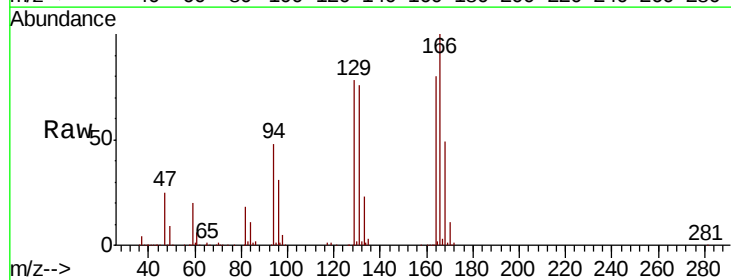
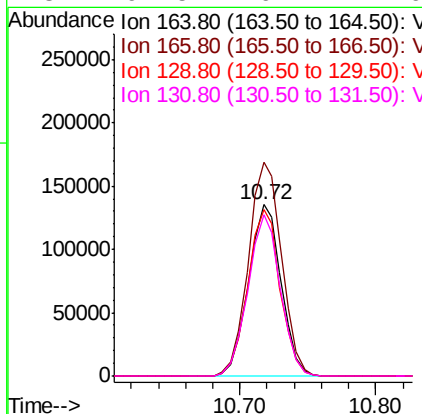
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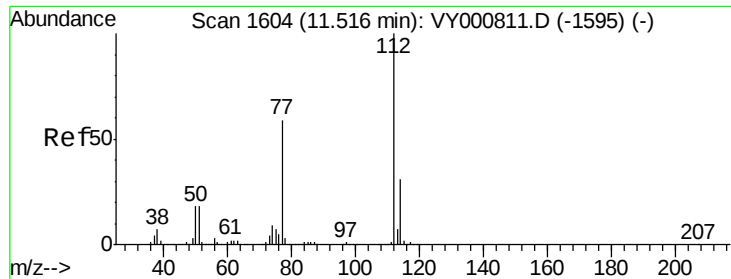
MMDadoda
12/2/2019 11:37:14 AM



#64
Tetrachloroethene
Concen: 46.881 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY000814.D
Acq: 27 Nov 2019 13:00

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	227100		
166	124.7	101.8	152.8	
129	97.0	79.3	118.9	
131	94.5	76.4	114.6	





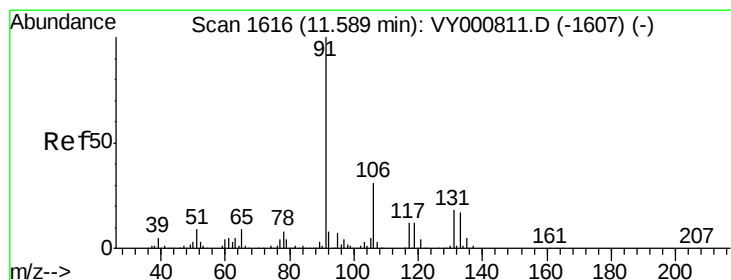
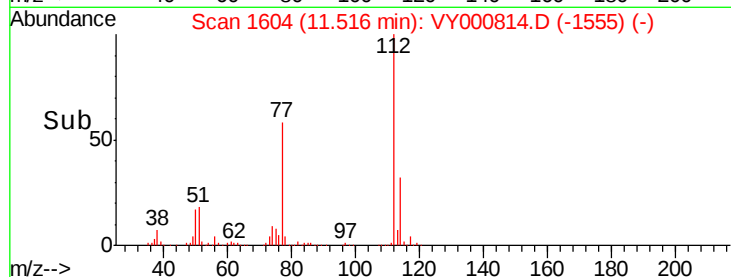
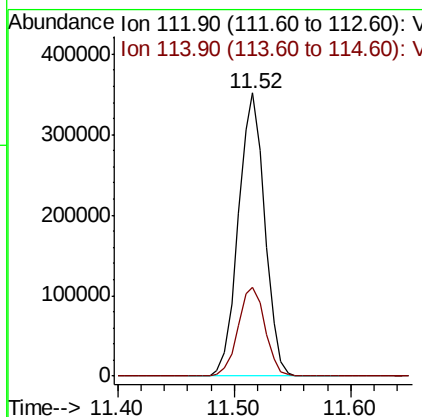
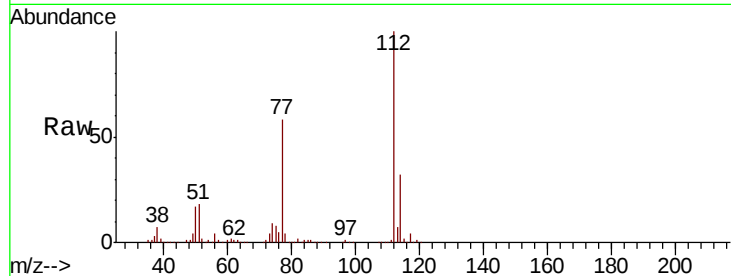
#65
Chlorobenzene
Concen: 47.895 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY000814.D
Acq: 27 Nov 2019 13:00

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY112719

Tot Ion:112 Resp: 555082
Ion Ratio Lower Upper
112 100
114 31.6 25.1 37.7

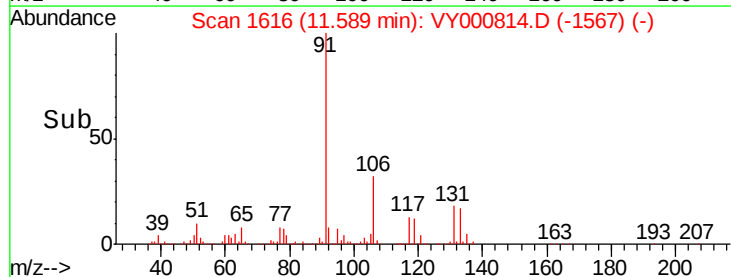
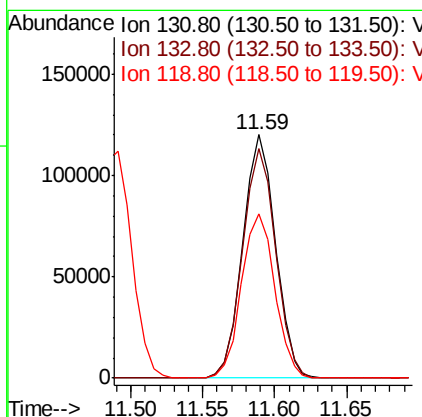
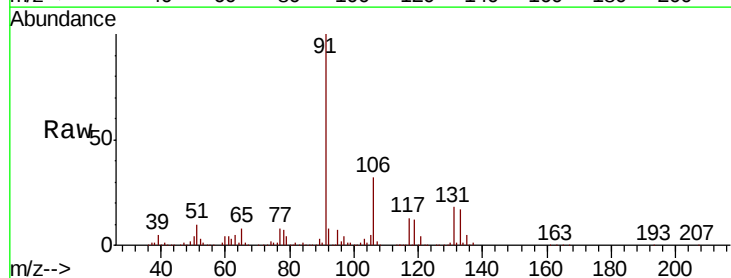
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#66
1,1,1,2-Tetrachloroethane
Concen: 48.282 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY000814.D
Acq: 27 Nov 2019 13:00

Tgt Ion:131 Resp: 188575
Ion Ratio Lower Upper
131 100
133 95.9 47.4 142.2
119 69.2 33.8 101.3





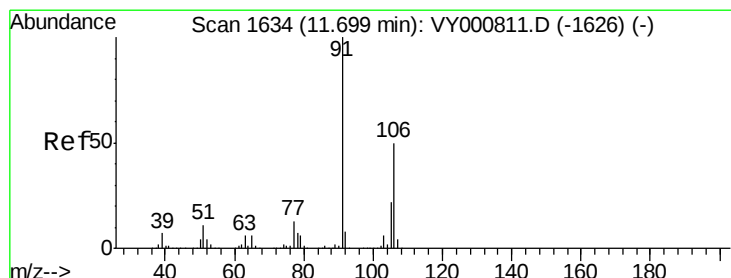
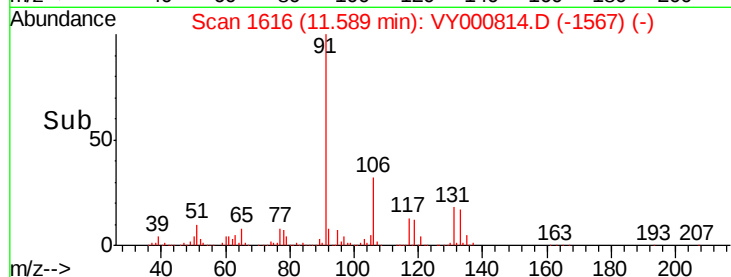
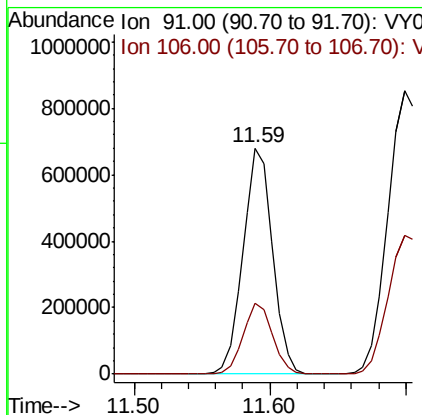
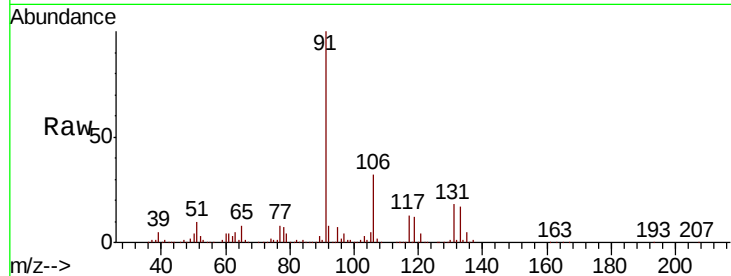
#67
Ethyl Benzene
Concen: 47.821 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY000814.D
Acq: 27 Nov 2019 13:00

Instrument :
MSVOA_Y
ClientSampleId :
ICVY112719

Tot Ion: 91 Resp: 1032174
Ion Ratio Lower Upper
91 100
106 31.6 24.4 36.6

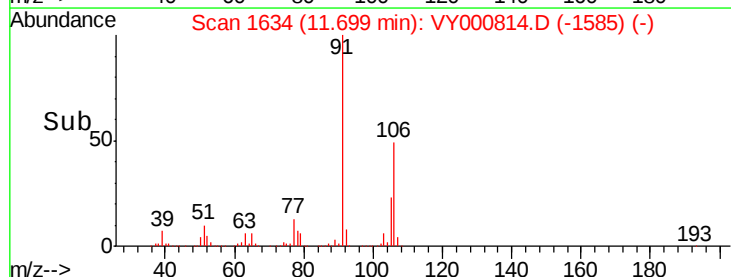
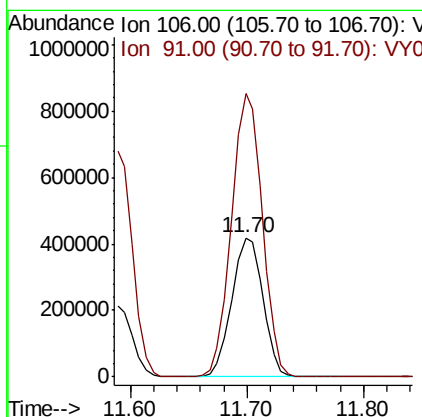
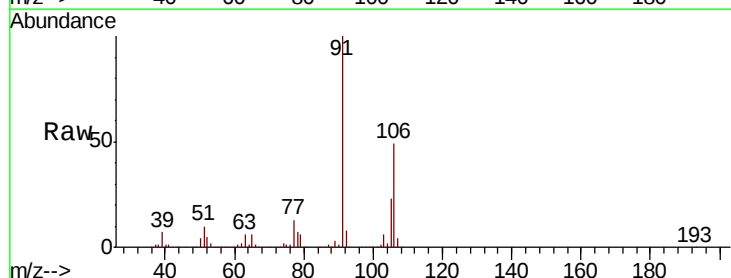
Manual Integrations
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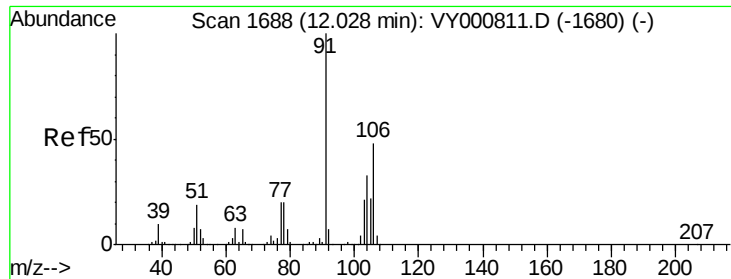
MMDadoda
12/2/2019 11:37:14 AM



#68
m/p-Xylenes
Concen: 96.191 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VY000814.D
Acq: 27 Nov 2019 13:00

Tgt Ion: 106 Resp: 779291
Ion Ratio Lower Upper
106 100
91 201.5 159.6 239.4





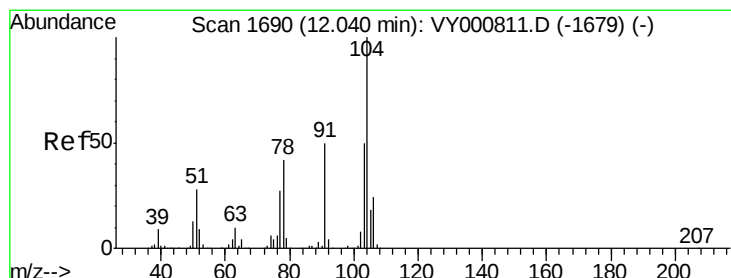
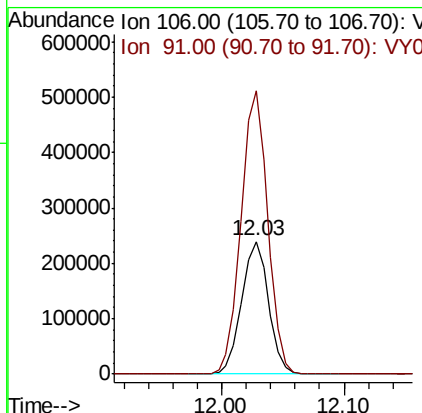
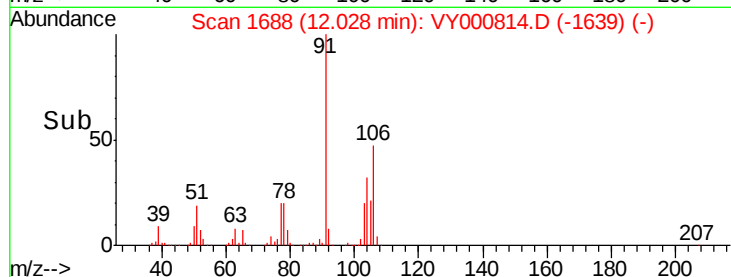
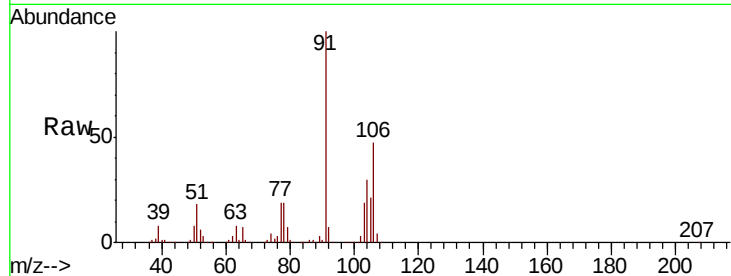
#69
o-Xylene
Concen: 48.306 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY000814.D
Acq: 27 Nov 2019 13:00

Instrument :
MSVOA_Y
ClientSampleId :
ICVY112719

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100				
91	211.9	106.1	364892	318.1	

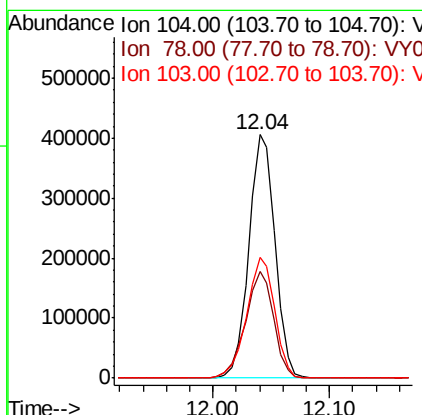
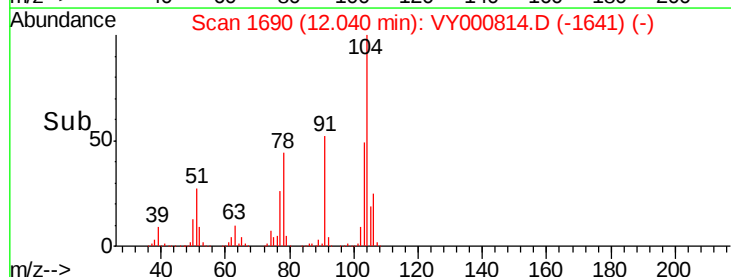
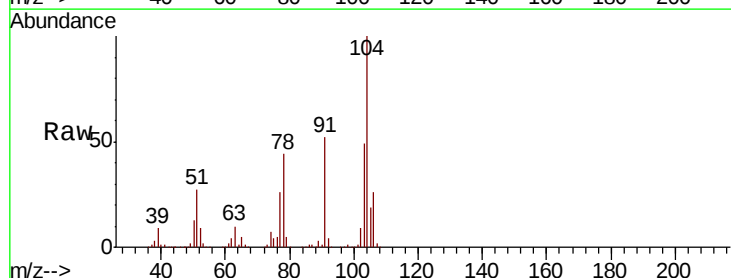
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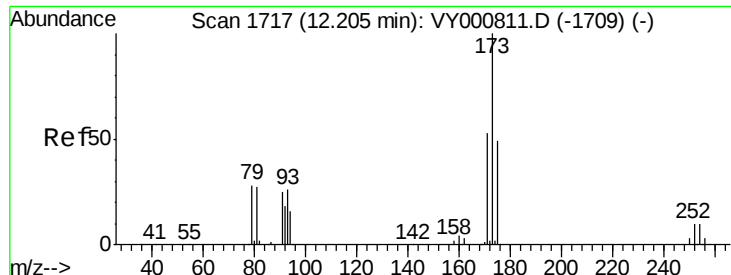
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#70
Styrene
Concen: 49.153 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VY000814.D
Acq: 27 Nov 2019 13:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100				
78	47.3	38.2	635757	57.4	
103	53.2	43.4	635757	65.0	





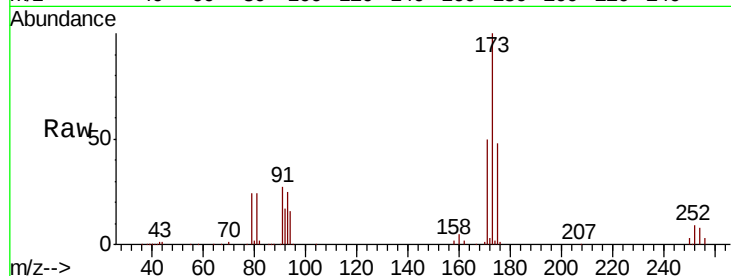
#71
Bromoform
Concen: 50.390 ug/l
RT: 12.20 min Scan# 1717
Delta R.T. -0.00 min
Lab File: VY000814.D
Acq: 27 Nov 2019 13:00

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY112719

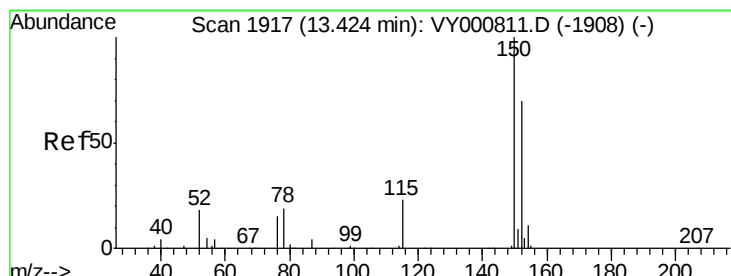
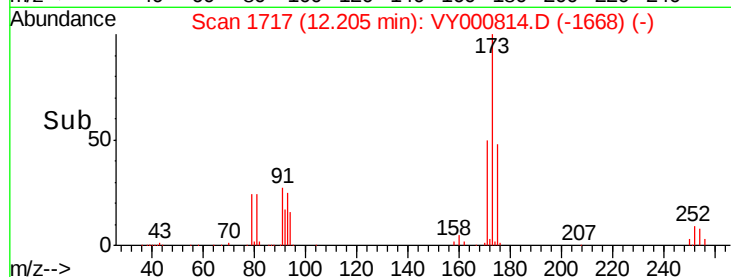
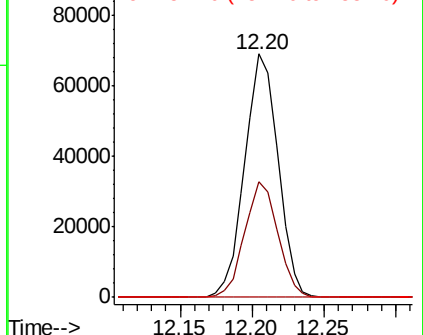
Tot Ion	Ratio	Lower	Upper
173	100		
175	47.2	24.5	73.5
254	0.0	0.0	0.0

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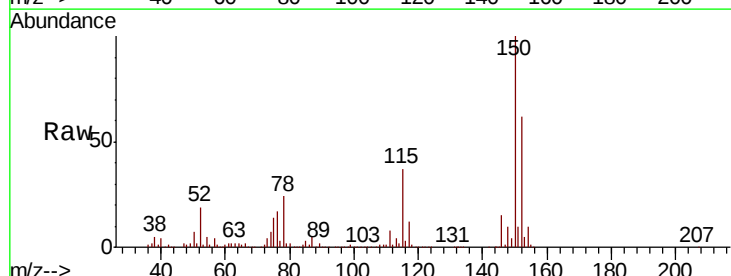


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

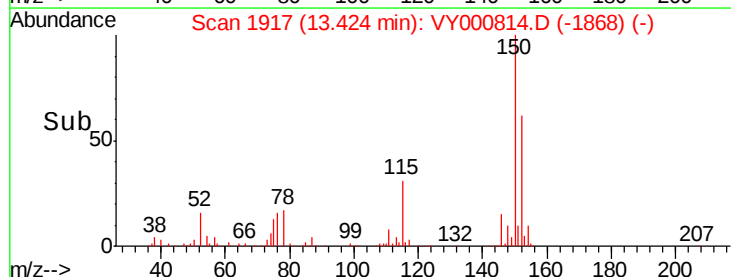
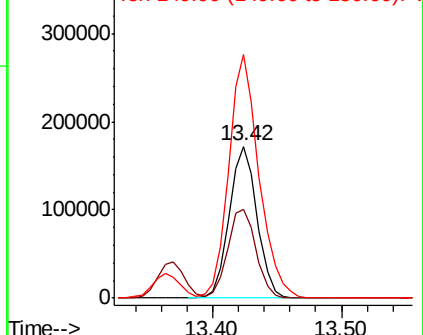


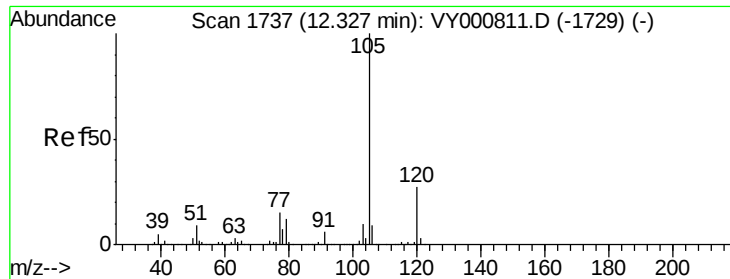
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY000814.D
Acq: 27 Nov 2019 13:00

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.7	29.3	87.8
150	174.0	0.0	351.2



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





#73

Isopropylbenzene

Concen: 47.701 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY000814.D

Acq: 27 Nov 2019 13:00

Instrument :

MSVOA_Y

ClientSampleId :

ICVY112719

Tot Ion: 105 Resp: 983579

Ion Ratio Lower Upper

105 100

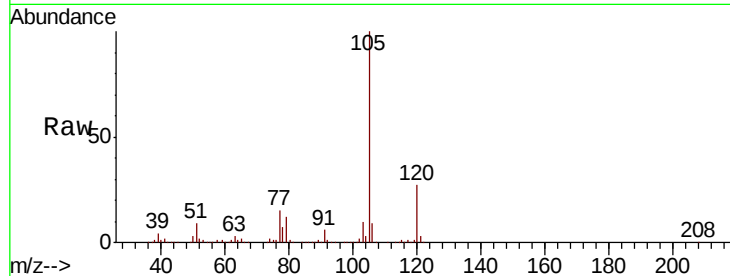
120 27.2 13.4 40.2

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.33

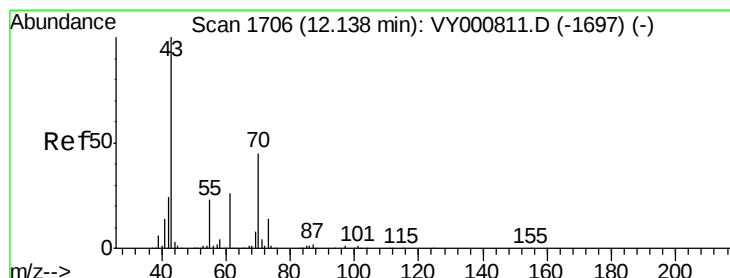
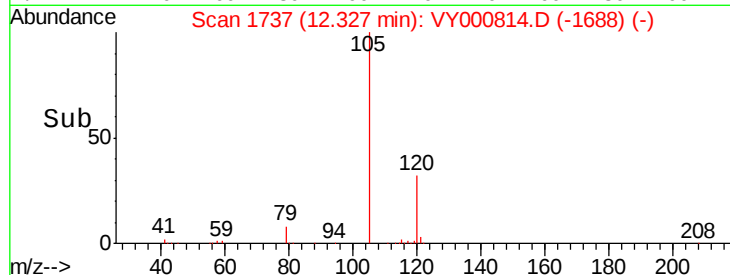
600000

400000

200000

0

Time-->



#74

N-ethyl acetate

Concen: 48.042 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.01 min

Lab File: VY000814.D

Acq: 27 Nov 2019 13:00

Tgt Ion: 43 Resp: 275723

Ion Ratio Lower Upper

43 100

70 46.1 36.6 54.8

55 23.3 18.8 28.2

61 26.3 21.0 31.6

Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0

300000

250000

200000

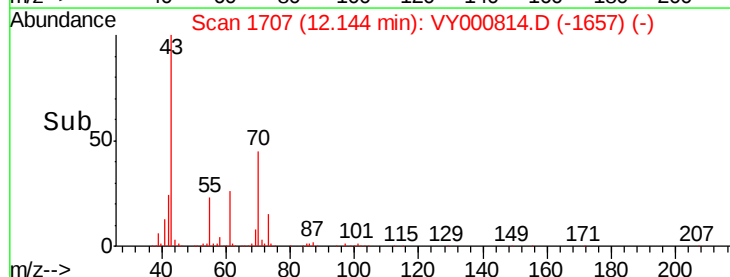
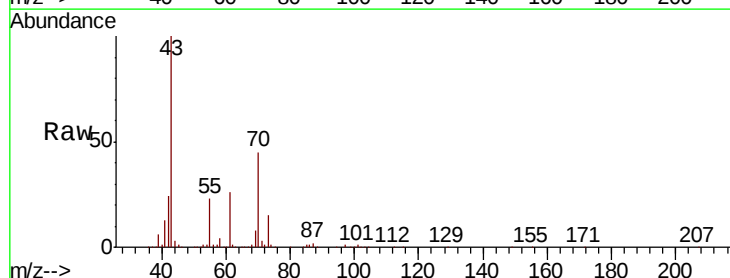
150000

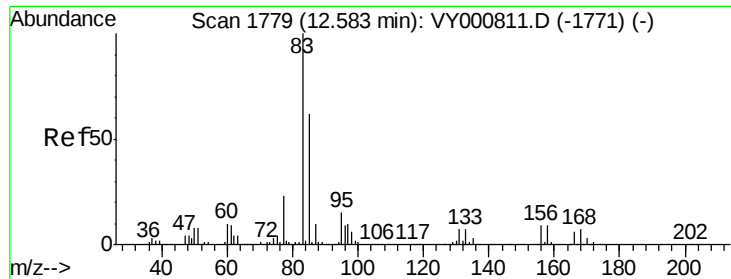
100000

50000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 48.500 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY000814.D

Acq: 27 Nov 2019 13:00

Instrument :

MSVOA_Y

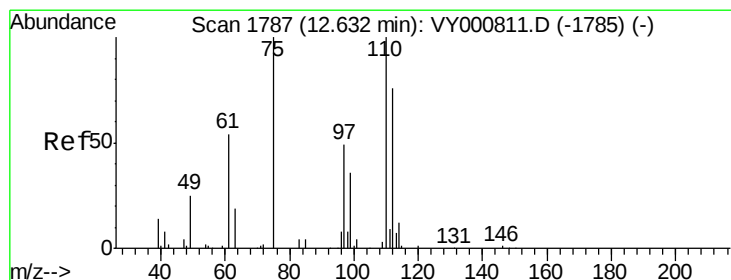
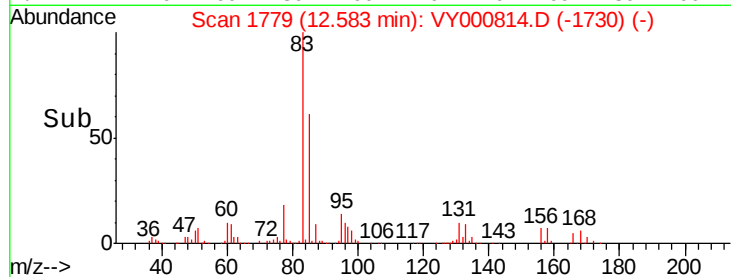
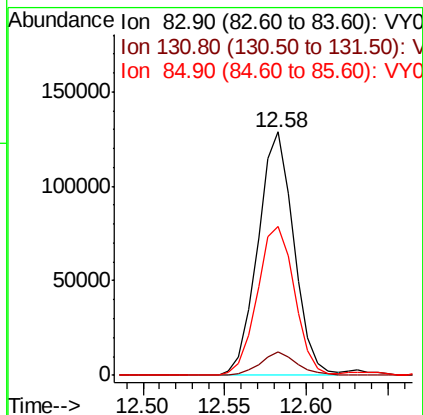
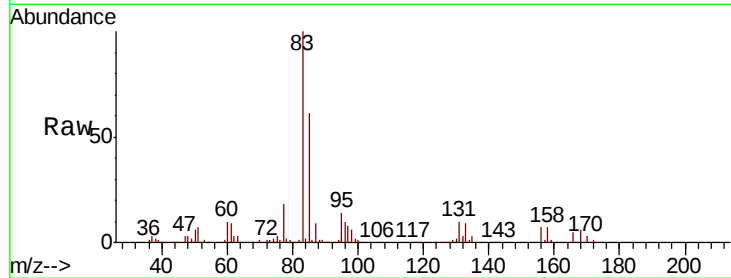
ClientSampleId :

ICVY112719

Tot Ion:	83	Resp:	197049
Ion Ratio	Lower	Upper	
83	100		
131	9.9	4.3	13.1
85	63.6	32.4	97.0

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#76

1,2,3-Trichloropropane

Concen: 48.942 ug/l m

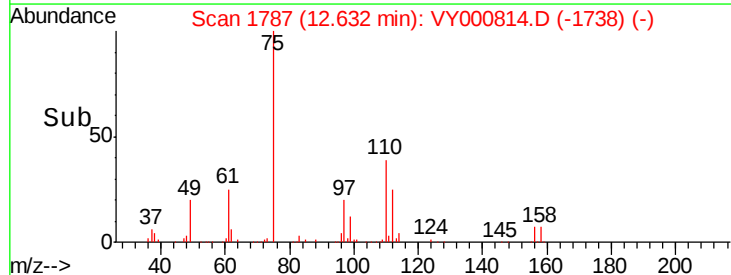
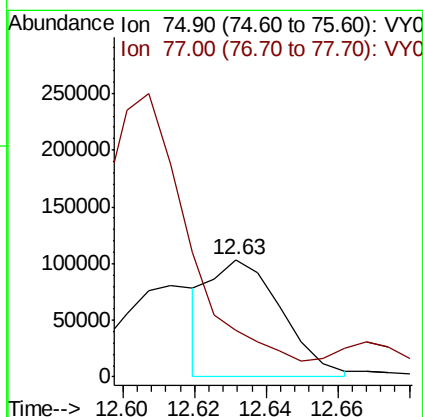
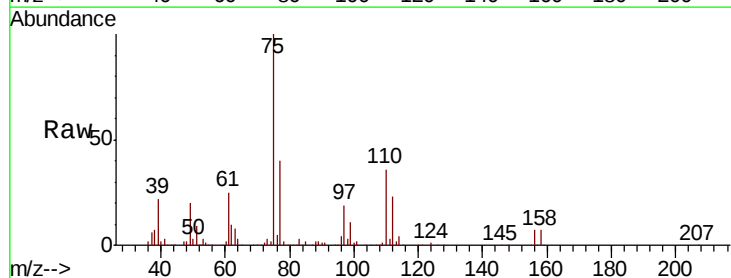
RT: 12.63 min Scan# 1787

Delta R.T. -0.00 min

Lab File: VY000814.D

Acq: 27 Nov 2019 13:00

Tgt Ion:	75	Resp:	143601
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 48.888 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY000814.D

Acq: 27 Nov 2019 13:00

Instrument :

MSVOA_Y

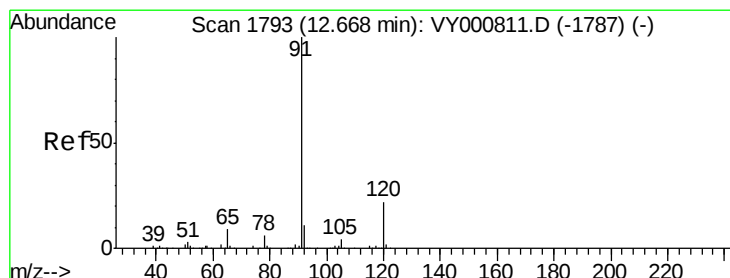
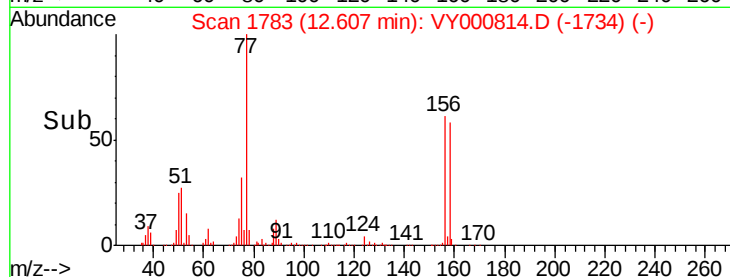
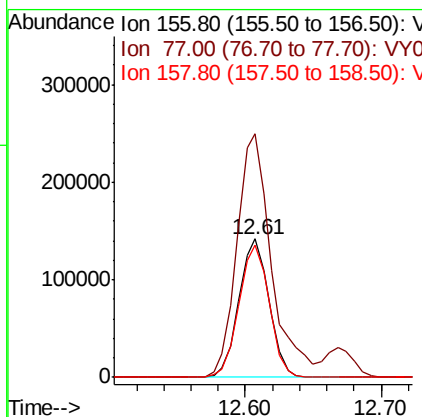
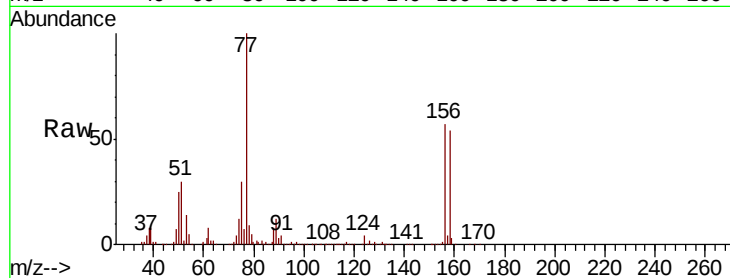
ClientSampleId :

ICVVY112719

Tot Ion	Ratio	Lower	Upper
156	100		
77	201.0	102.6	307.7
158	96.1	47.6	142.8

Manual Integrations
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MMDadoda
12/2/2019 11:37:14 AM



#78

n-propylbenzene

Concen: 47.948 ug/l

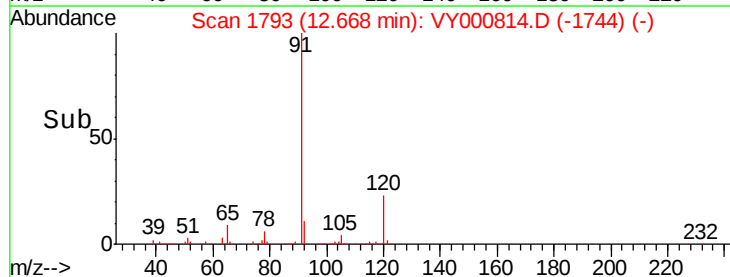
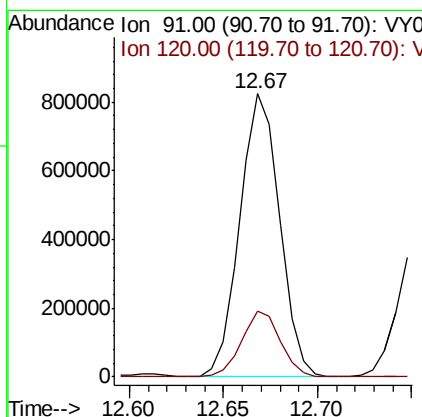
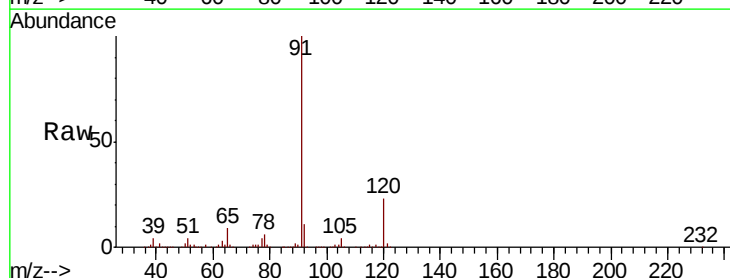
RT: 12.67 min Scan# 1793

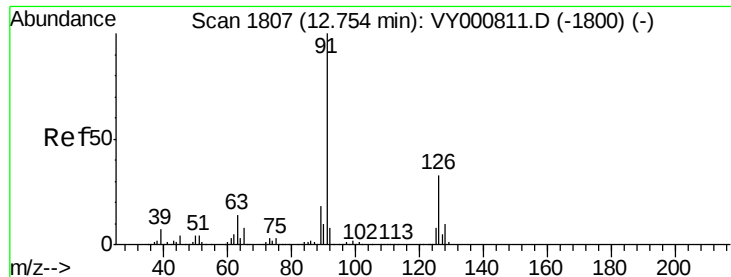
Delta R.T. -0.00 min

Lab File: VY000814.D

Acq: 27 Nov 2019 13:00

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.6	11.2	33.5





#79

2-Chlorotoluene

Concen: 47.183 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. -0.00 min

Lab File: VY000814.D

Acq: 27 Nov 2019 13:00

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY112719

Tot Ion: 91 Resp: 656277

Ion Ratio Lower Upper

91 100

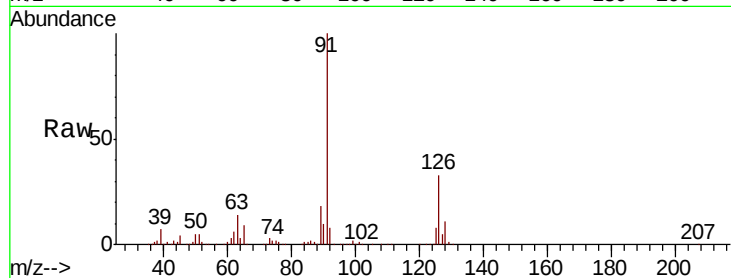
126 34.1 17.0 51.0

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VY000811.D (-1800) (-)

Ion 125.90 (125.60 to 126.60): VY000811.D (-1800) (-)

800000

600000

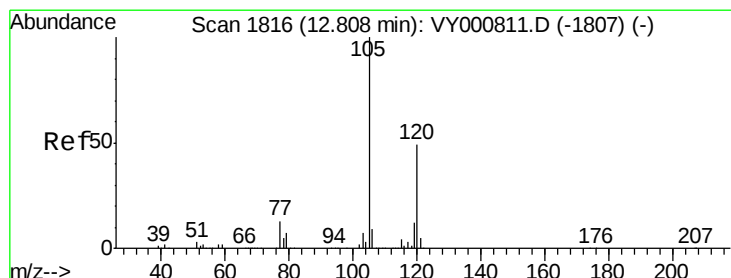
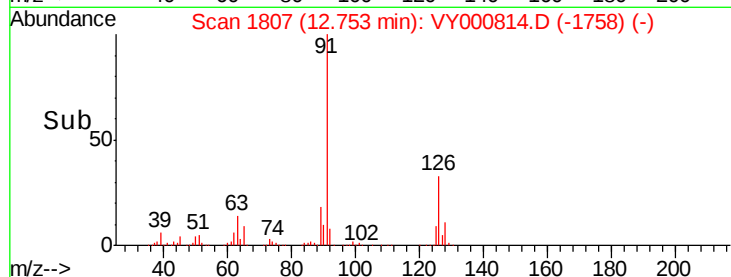
400000

200000

0

12.70 12.75 12.80

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 47.424 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VY000814.D

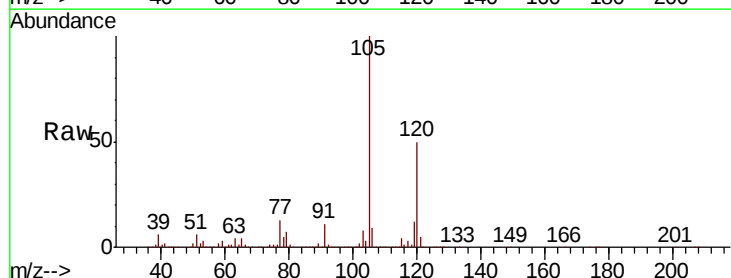
Acq: 27 Nov 2019 13:00

Tgt Ion:105 Resp: 809648

Ion Ratio Lower Upper

105 100

120 49.9 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): VY000811.D (-1807) (-)

Ion 120.00 (119.70 to 120.70): VY000811.D (-1807) (-)

600000

500000

400000

300000

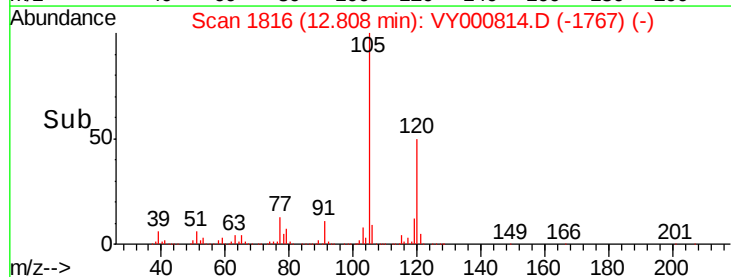
200000

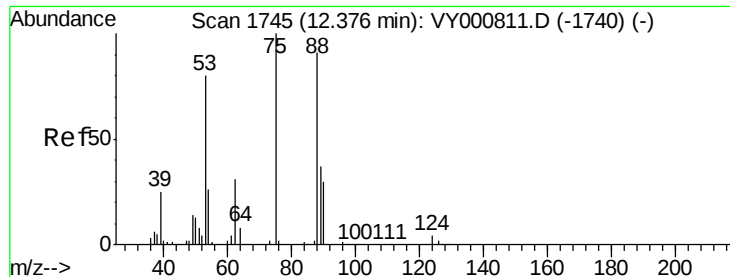
100000

0

12.80 12.81 12.82

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 50.878 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. -0.00 min

Lab File: VY000814.D

Acq: 27 Nov 2019 13:00

Instrument :

MSVOA_Y

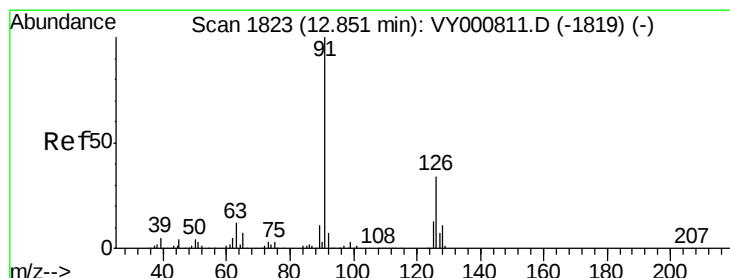
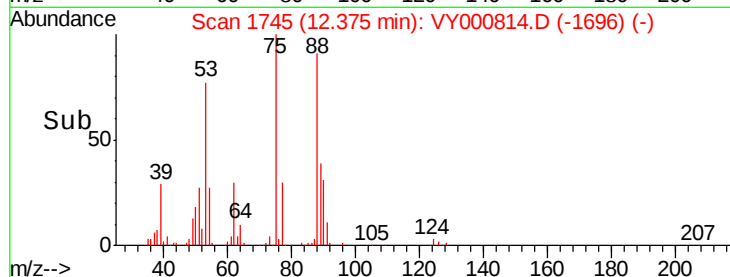
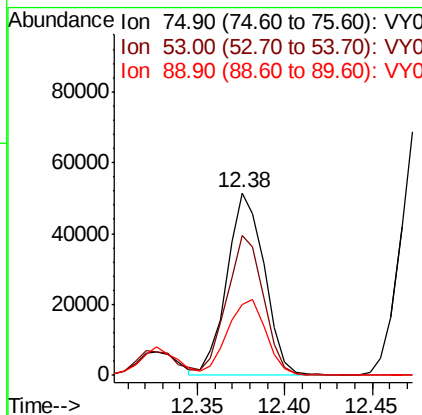
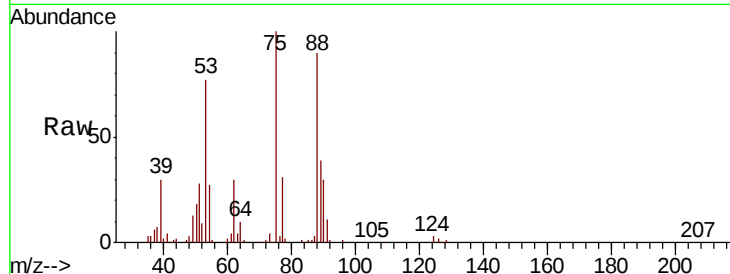
ClientSampleId :

ICVVY112719

Tot Ion:	75	Resp:	75998
Ion	Ratio	Lower	Upper
75	100		
53	75.8	64.6	96.8
89	43.1	33.6	50.4

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#82

4-Chlorotoluene

Concen: 47.747 ug/l

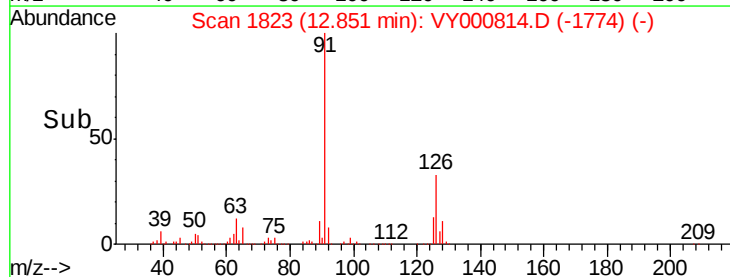
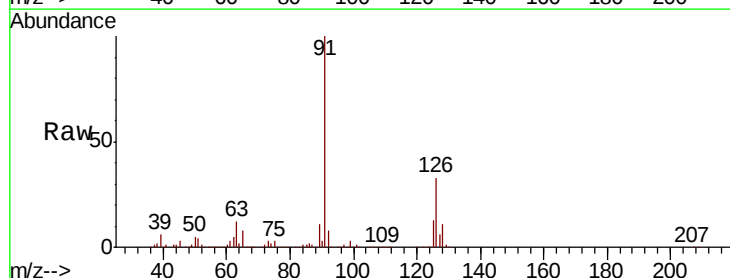
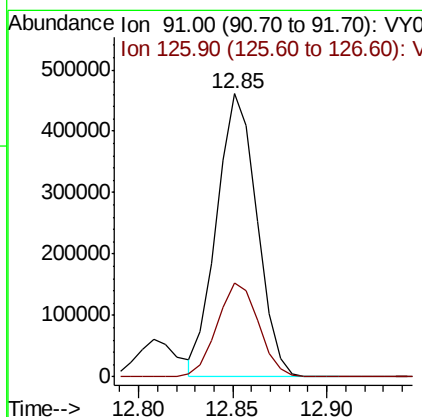
RT: 12.85 min Scan# 1823

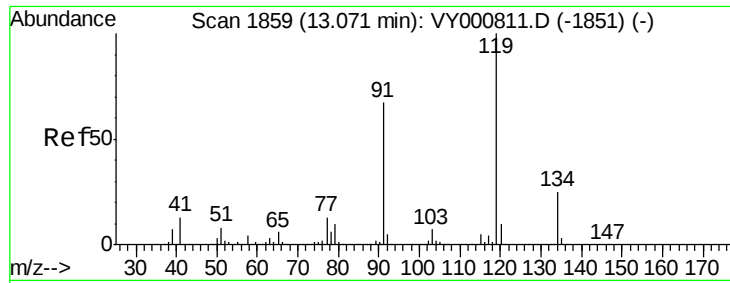
Delta R.T. -0.00 min

Lab File: VY000814.D

Acq: 27 Nov 2019 13:00

Tgt Ion:	91	Resp:	684213
Ion	Ratio	Lower	Upper
91	100		
126	34.0	17.3	51.9





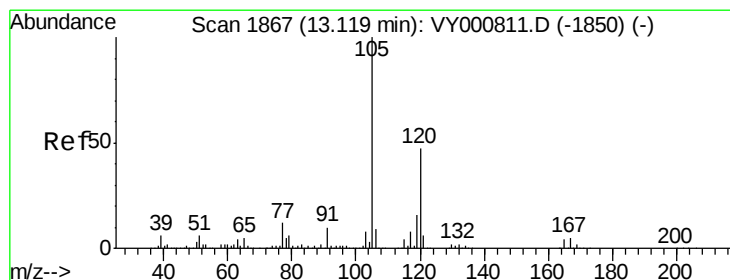
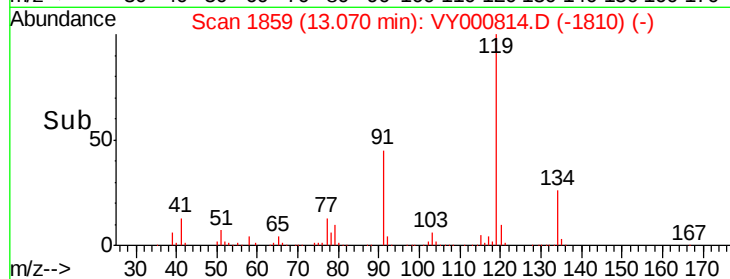
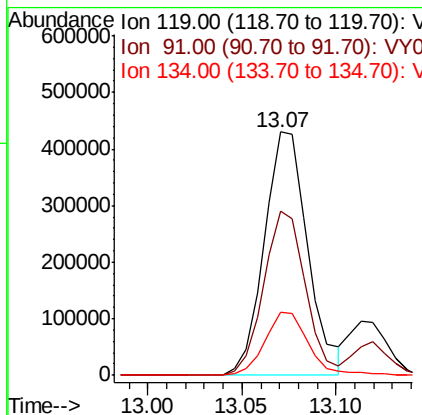
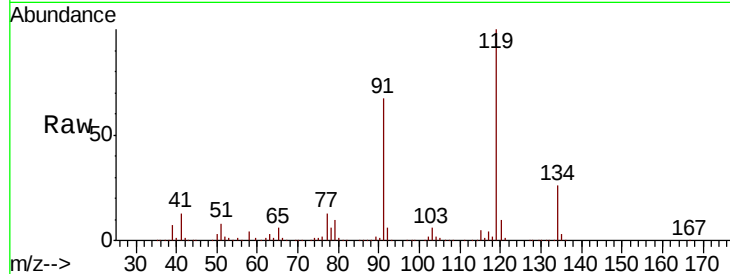
#83
tert-Butylbenzene
Concen: 48.047 ug/l
RT: 13.07 min Scan# 1859
Delta R.T. -0.00 min
Lab File: VY000814.D
Acq: 27 Nov 2019 13:00

Instrument :
MSVOA_Y
ClientSampleId :
ICVY112719

Tot Ion	Ratio	Resp	Lower	Upper
119	100	689658		
91	64.7	32.3	96.8	
134	26.1	12.9	38.7	

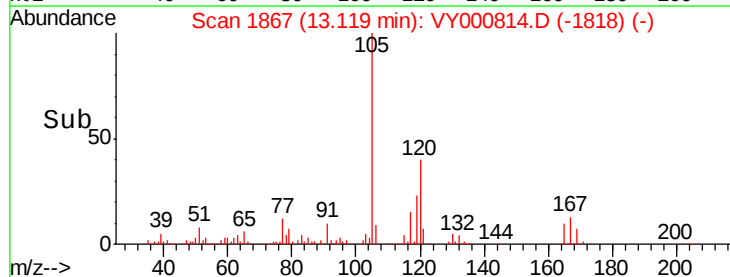
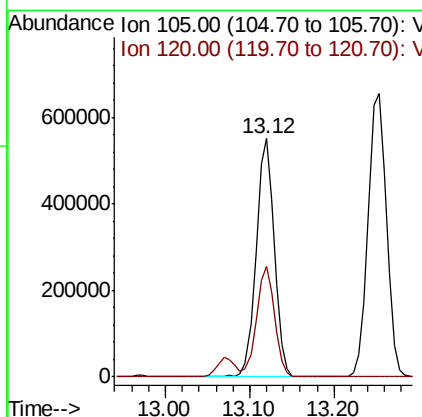
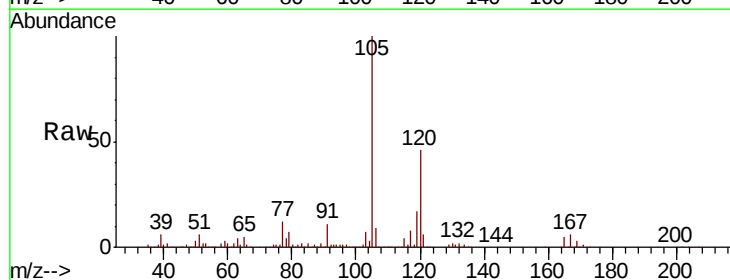
Manual Integrations
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#84
1,2,4-Trimethylbenzene
Concen: 47.673 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. -0.00 min
Lab File: VY000814.D
Acq: 27 Nov 2019 13:00

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	814286		
120	46.0	22.6	67.8	





#85

sec-Butylbenzene

Concen: 47.887 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY000814.D

Acq: 27 Nov 2019 13:00

Instrument :

MSVOA_Y

ClientSampleId :

ICVY112719

Tot Ion:105 Resp: 999655

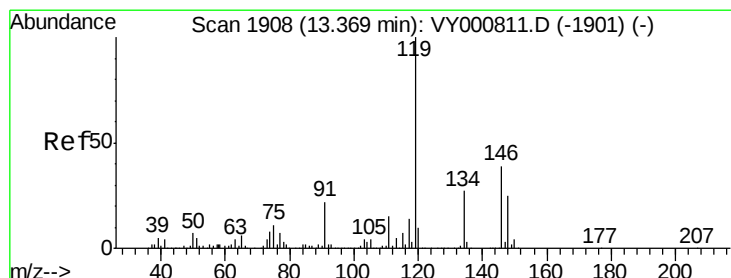
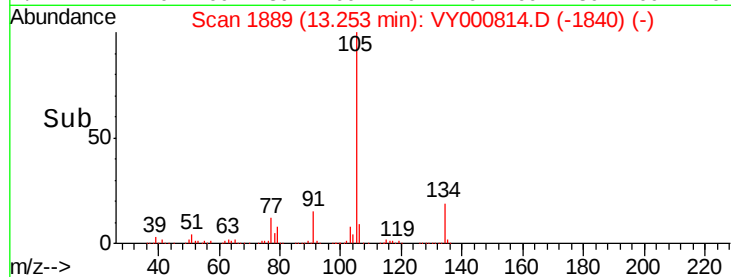
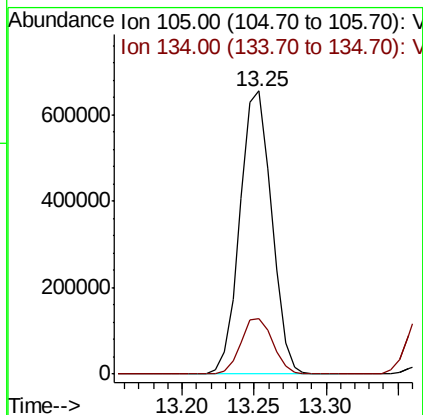
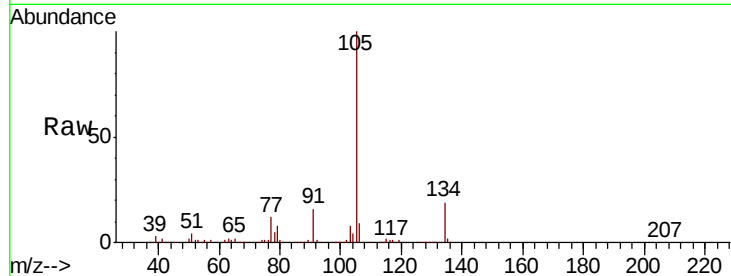
Ion Ratio Lower Upper

105 100

134 19.7 10.1 30.1

Manual Integrations
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#86

p-Isopropyltoluene

Concen: 47.833 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY000814.D

Acq: 27 Nov 2019 13:00

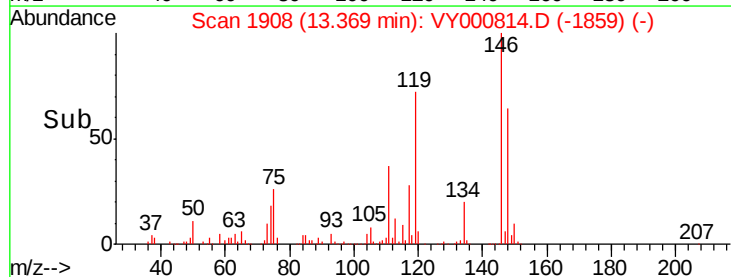
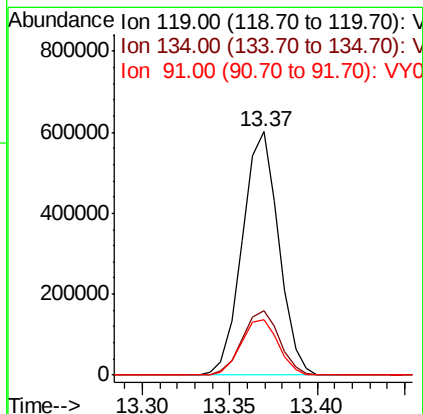
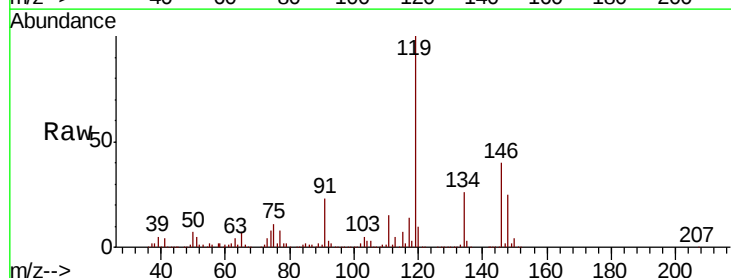
Tgt Ion:119 Resp: 868506

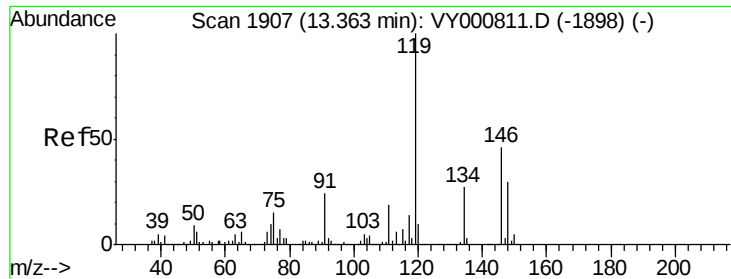
Ion Ratio Lower Upper

119 100

134 27.0 13.5 40.4

91 23.2 11.5 34.5





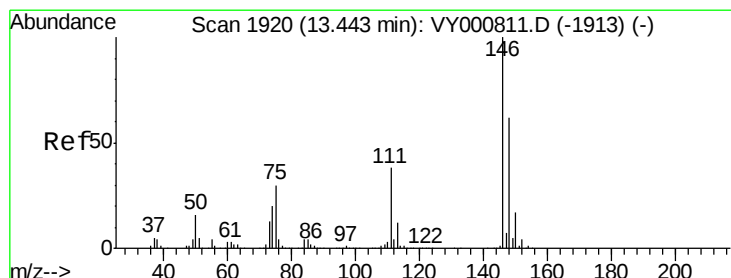
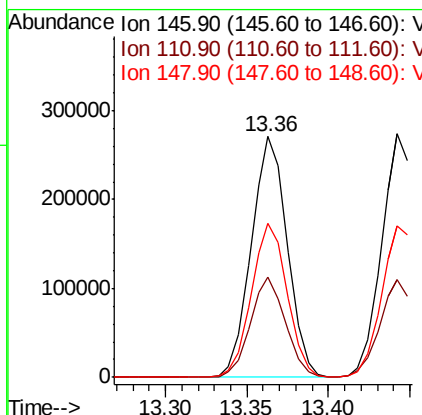
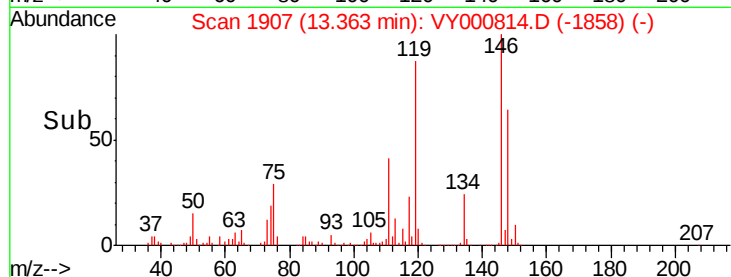
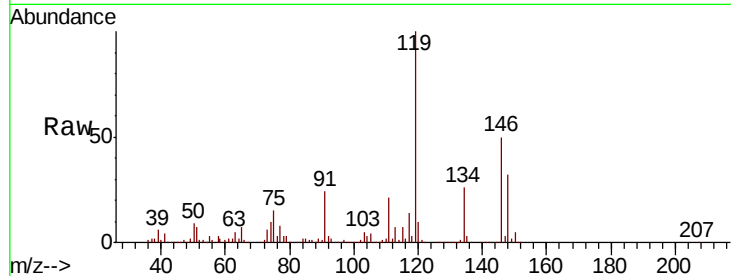
#87
 1,3-Dichlorobenzene
 Concen: 47.253 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VY000814.D
 Acq: 27 Nov 2019 13:00

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY112719

Tot Ion	Ratio	Resp	Lower	Upper
146	100	414316		
111	40.3	20.0	60.0	
148	63.3	32.1	96.5	

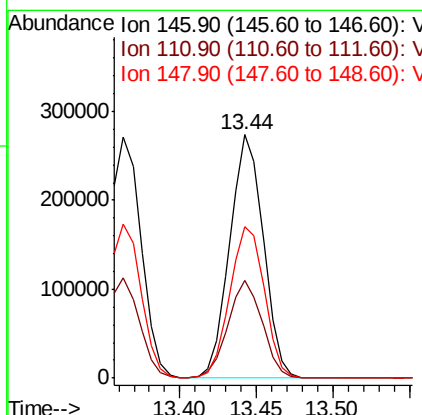
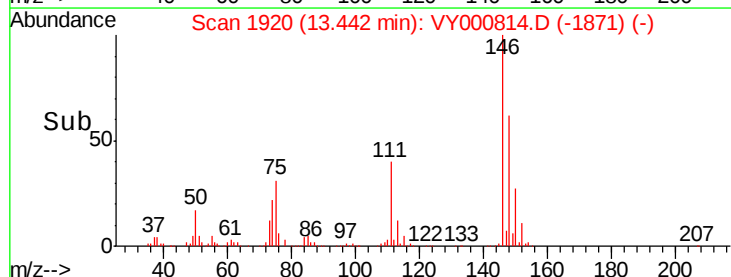
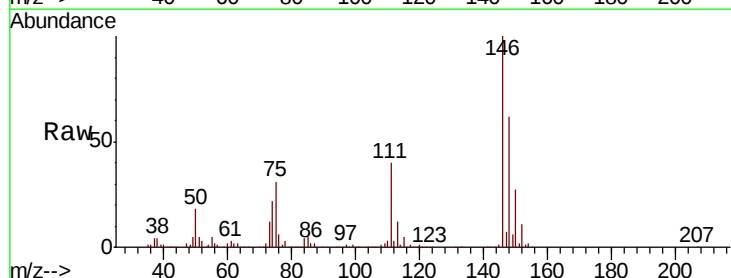
Manual Integrations
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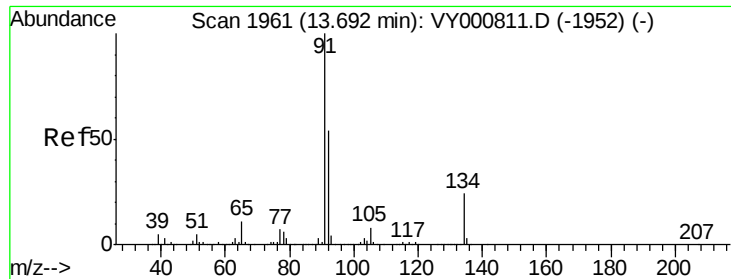
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 12/2/2019 11:37:14 AM



#88
 1,4-Dichlorobenzene
 Concen: 48.004 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. -0.00 min
 Lab File: VY000814.D
 Acq: 27 Nov 2019 13:00

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	416753		
111	40.9	20.0	59.9	
148	64.4	31.7	95.1	





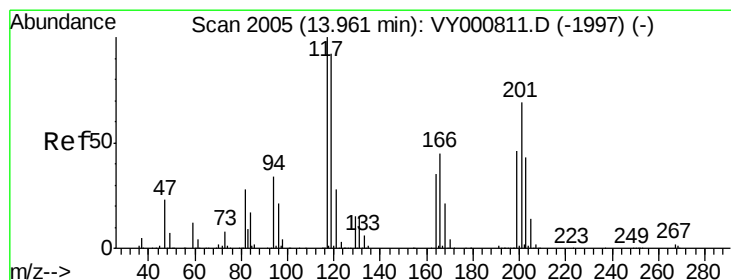
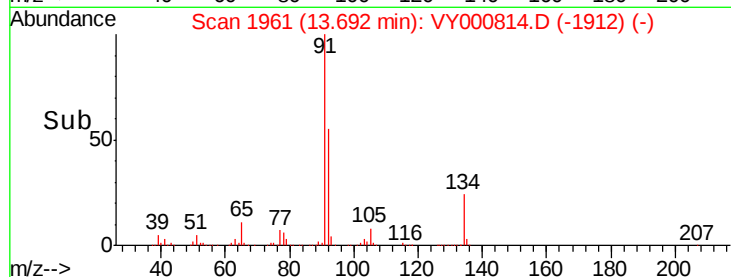
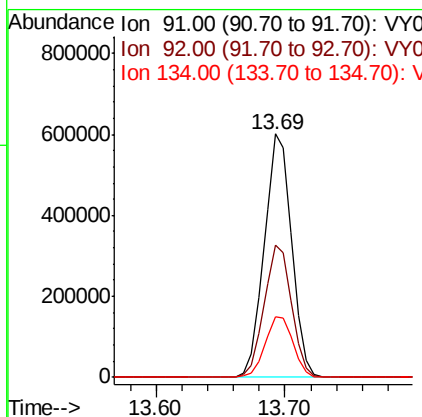
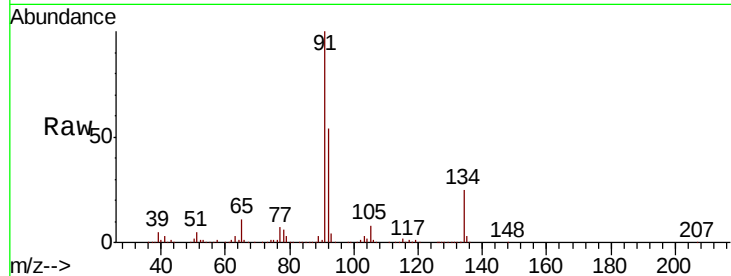
#89
n-Butylbenzene
Concen: 48.110 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. -0.00 min
Lab File: VY000814.D
Acq: 27 Nov 2019 13:00

Instrument :
MSVOA_Y
ClientSampleId :
ICVY112719

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.4	26.9	80.7
134	25.5	12.6	37.6

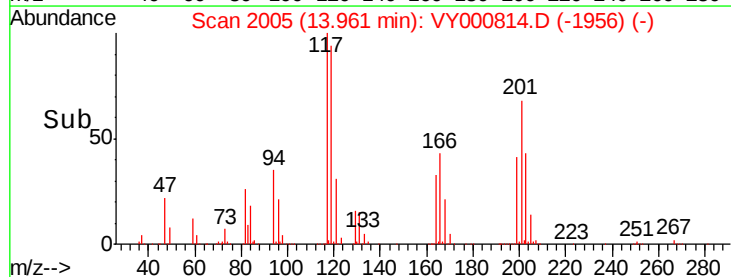
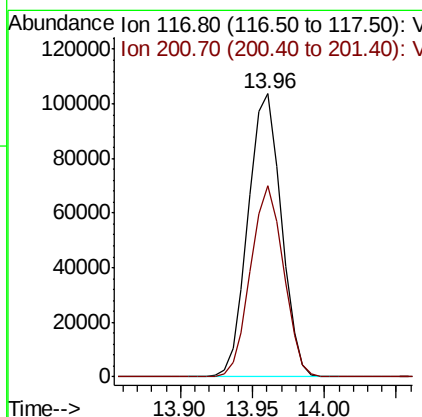
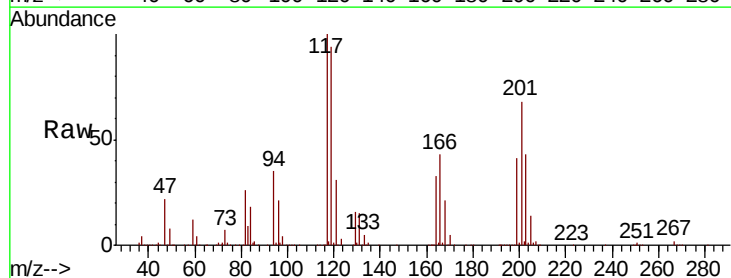
Manual Integrations
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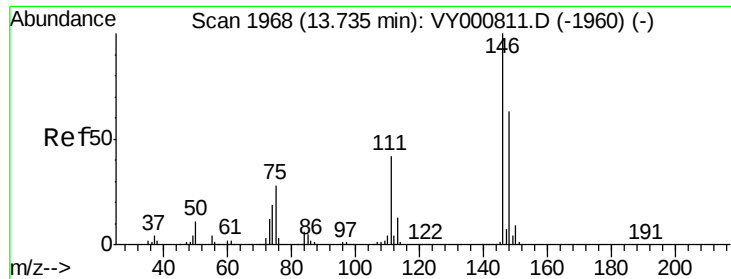
MMDadoda
12/2/2019 11:37:14 AM



#90
Hexachloroethane
Concen: 49.468 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.00 min
Lab File: VY000814.D
Acq: 27 Nov 2019 13:00

Tgt Ion	Ratio	Lower	Upper
117	100		
201	67.0	34.0	102.0





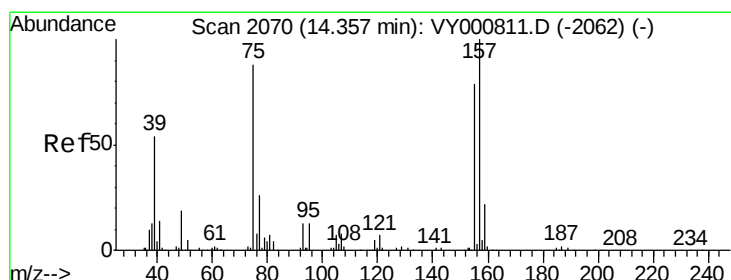
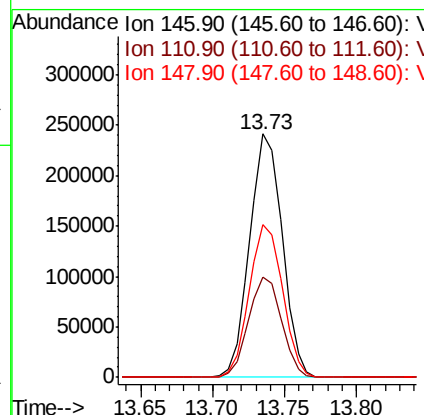
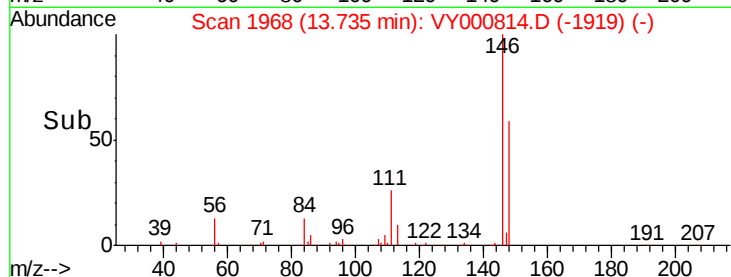
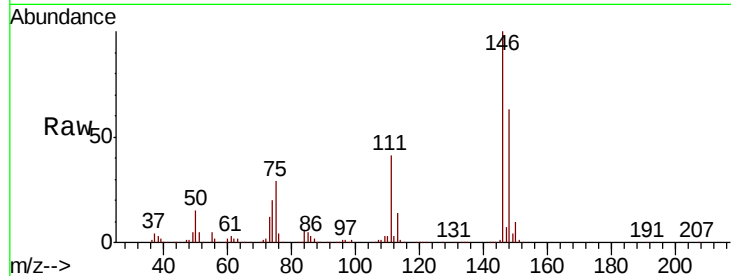
#91
 1,2-Dichlorobenzene
 Concen: 48.099 ug/l
 RT: 13.73 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: VY000814.D
 Acq: 27 Nov 2019 13:00

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY112719

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.8	20.9	62.7
148	63.8	32.1	96.3

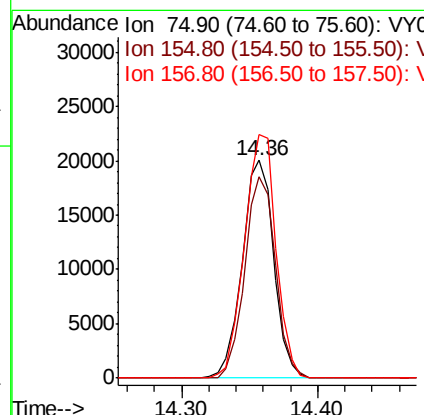
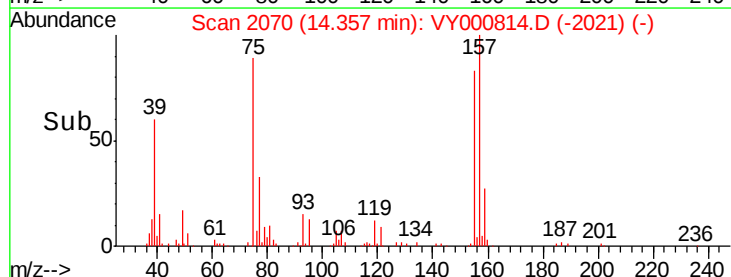
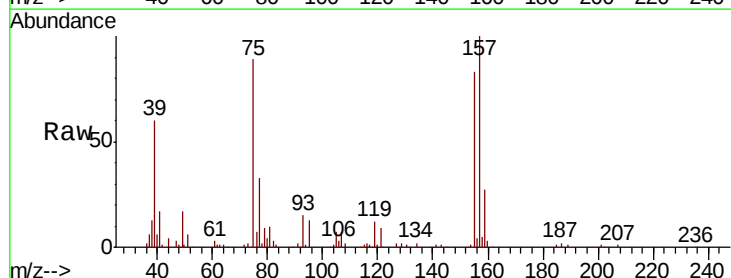
Manual Integrations
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 12/2/2019 11:37:14 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.816 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. -0.00 min
 Lab File: VY000814.D
 Acq: 27 Nov 2019 13:00

Tgt Ion	Ratio	Lower	Upper
75	100		
155	90.1	44.3	132.9
157	111.9	56.3	168.9





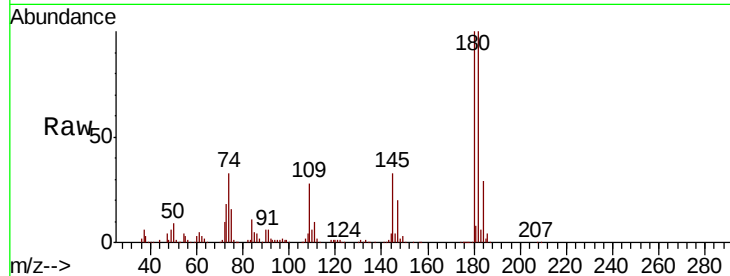
#93
 1,2,4-Trichlorobenzene
 Concen: 48.355 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VY000814.D
 Acq: 27 Nov 2019 13:00

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY112719

Tot Ion:	180	Resp:	258060
Ion Ratio	Lower	Upper	
180	100		
182	94.4	47.3	141.9
145	31.4	16.0	47.9

Manual Integrations
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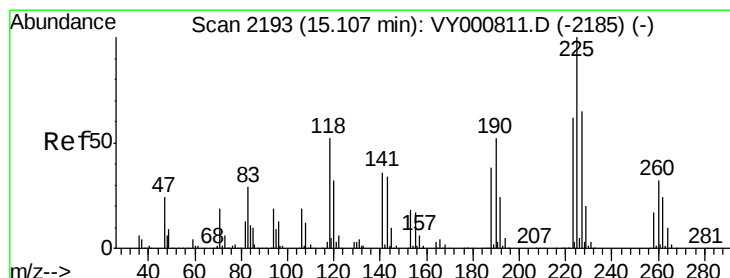
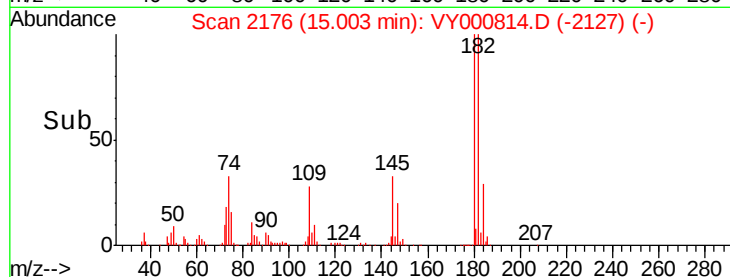
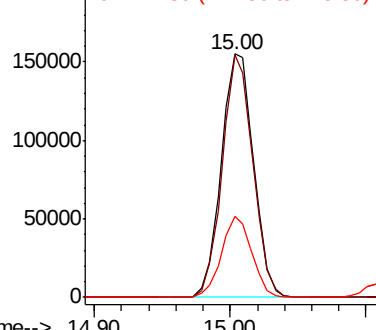


Abundance

Ion 179.80 (179.50 to 180.50): V

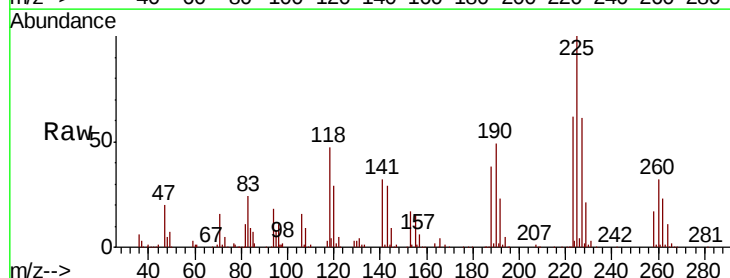
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 47.548 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.01 min
 Lab File: VY000814.D
 Acq: 27 Nov 2019 13:00

Tgt Ion:	225	Resp:	125811
Ion Ratio	Lower	Upper	
225	100		
223	61.8	31.4	94.3
227	62.8	31.8	95.3

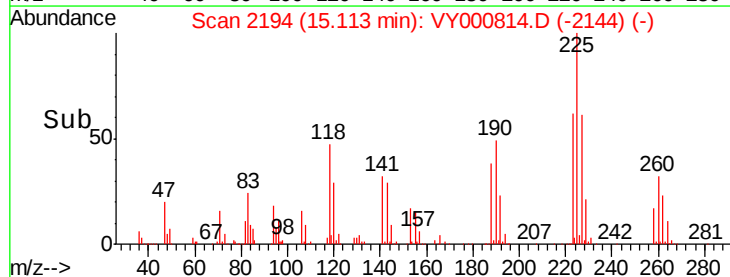
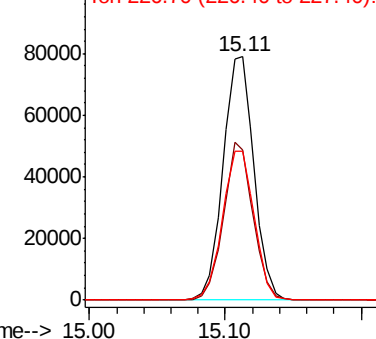


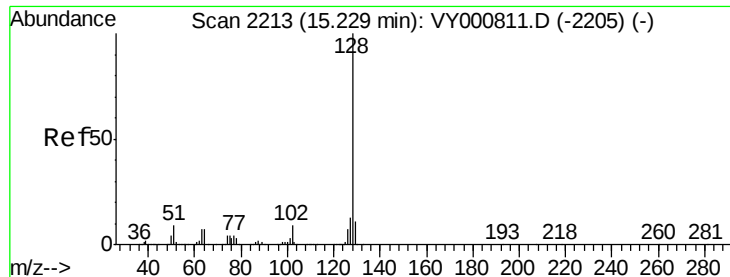
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





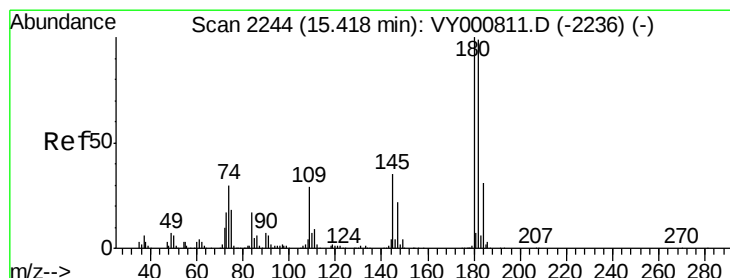
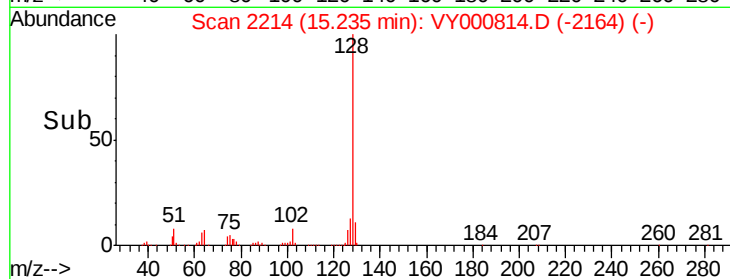
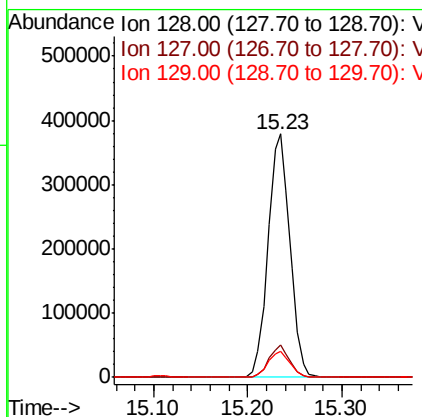
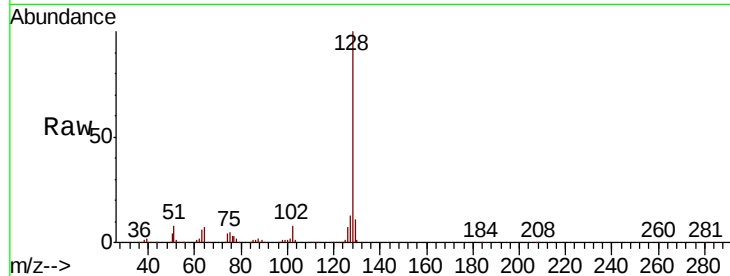
#95
Naphthalene
Concen: 50.107 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.01 min
Lab File: VY000814.D
Acq: 27 Nov 2019 13:00

Instrument :
MSVOA_Y
ClientSampleId :
ICVY112719

Tot Ion:	128	Resp:	620921
Ion Ratio	Lower	Upper	
128	100		
127	12.4	10.1	15.1
129	10.8	8.8	13.2

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#96
1,2,3-Trichlorobenzene
Concen: 48.250 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. 0.01 min
Lab File: VY000814.D
Acq: 27 Nov 2019 13:00

Tgt Ion:	180	Resp:	230005
Ion Ratio	Lower	Upper	
180	100		
182	95.7	48.0	144.0
145	32.6	16.9	50.6

