

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY102419\
 Data File : VY000402.D
 Acq On : 24 Oct 2019 12:00
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 10/25/2019 4:46:23 PM

Quant Time: Oct 25 06:50:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 17 02:03:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	229013	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	370058	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	338955	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	173479	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	125266	51.85	ug/l	0.00
Spiked Amount			Recovery	=	103.70%	
35) Dibromofluoromethane	7.72	113	118876	53.25	ug/l	0.00
Spiked Amount			Recovery	=	106.50%	
50) Toluene-d8	10.18	98	472311	55.00	ug/l	0.00
Spiked Amount			Recovery	=	110.00%	
62) 4-Bromofluorobenzene	12.48	95	174799	53.58	ug/l	0.00
Spiked Amount			Recovery	=	107.16%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.90	85	79187	43.182	ug/l	99
3) Chloromethane	2.12	50	160550	57.371	ug/l	96
4) Vinyl Chloride	2.26	62	127688	45.211	ug/l	100
5) Bromomethane	2.65	94	103070	49.243	ug/l	96
6) Chloroethane	2.79	64	84616	46.434	ug/l	92
7) Trichlorofluoromethane	3.13	101	187961	48.653	ug/l	98
8) Diethyl Ether	3.53	74	75263	55.146	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.90	101	116050	49.532	ug/l	99
10) Methyl Iodide	4.10	142	143308	43.111	ug/l	100
11) Tert butyl alcohol	4.96	59	80178	317.150	ug/l	95
12) 1,1-Dichloroethene	3.88	96	113549	49.092	ug/l	97
13) Acrolein	3.74	56	72870	245.858	ug/l	96
14) Allyl chloride	4.49	41	193763	50.551	ug/l	99
15) Acrylonitrile	5.18	53	185257	242.517	ug/l	96
16) Acetone	3.96	43	213950	273.483	ug/l	98
17) Carbon Disulfide	4.20	76	315341	43.301	ug/l	98
18) Methyl Acetate	4.48	43	92797	47.741	ug/l	99
19) Methyl tert-butyl Ether	5.22	73	337207	52.371	ug/l	100
20) Methylene Chloride	4.72	84	154196	59.536	ug/l	98
21) trans-1,2-Dichloroethene	5.22	96	129467	48.788	ug/l	96
22) Diisopropyl ether	6.13	45	437622	53.981	ug/l	97
23) Vinyl Acetate	6.07	43	1390031	262.824	ug/l	99
24) 1,1-Dichloroethane	6.02	63	228088	51.545	ug/l	98
25) 2-Butanone	6.99	43	293963	266.746	ug/l	99
26) 2,2-Dichloropropane	6.99	77	215122	52.758	ug/l	98
27) cis-1,2-Dichloroethene	7.00	96	149581	52.092	ug/l	99
28) Bromochloromethane	7.35	49	98899	52.063	ug/l	98
29) Tetrahydrofuran	7.35	42	167769	251.198	ug/l	98
30) Chloroform	7.52	83	231617	51.975	ug/l	100
31) Cyclohexane	7.79	56	219382	47.467	ug/l	98
32) 1,1,1-Trichloroethane	7.71	97	208152	52.539	ug/l	96
36) 1,1-Dichloropropene	7.93	75	183331	50.601	ug/l	98
37) Ethyl Acetate	7.08	43	109304	50.950	ug/l	97
38) Carbon Tetrachloride	7.91	117	182977	52.160	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	236758	49.928	ug/l	97
40) Benzene	8.17	78	543176	51.878	ug/l	99
41) Methacrylonitrile	7.32	41	54181m	53.058	ug/l	
42) 1,2-Dichloroethane	8.25	62	157408	52.630	ug/l	99
43) Isopropyl Acetate	8.28	43	212383	52.066	ug/l	99
44) Trichloroethene	8.95	130	148496	50.546	ug/l	95
45) 1,2-Dichloropropane	9.22	63	134711	52.428	ug/l	94
46) Dibromomethane	9.31	93	73816	51.391	ug/l	97
47) Bromodichloromethane	9.50	83	183295	54.147	ug/l	98
48) Methyl methacrylate	9.30	41	95544	53.446	ug/l	98
49) 1,4-Dioxane	9.30	88	21649	1005.215	ug/l	96
51) 4-Methyl-2-Pentanone	10.08	43	575027	273.314	ug/l	99
52) Toluene	10.25	92	351875	52.933	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	203160	56.000	ug/l	97
54) cis-1,3-Dichloropropene	9.93	75	226376	54.947	ug/l	98
55) 1,1,2-Trichloroethane	10.65	97	112005	53.631	ug/l	99
56) Ethyl methacrylate	10.51	69	161992	54.419	ug/l	98
57) 1,3-Dichloropropane	10.79	76	196252	54.717	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	314290	264.700	ug/l	99
59) 2-Hexanone	10.83	43	442662	299.752	ug/l	98
60) Dibromochloromethane	10.99	129	128215	55.390	ug/l	99
61) 1,2-Dibromoethane	11.09	107	105608	52.666	ug/l	100
64) Tetrachloroethene	10.72	164	152277	47.190	ug/l	97
65) Chlorobenzene	11.52	112	372182	52.028	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	135317	53.850	ug/l	99
67) Ethyl Benzene	11.60	91	695174	52.423	ug/l	99
68) m/p-Xylenes	11.70	106	528266	104.206	ug/l	99
69) o-Xylene	12.03	106	250193	51.735	ug/l	100
70) Styrene	12.05	104	433351	53.133	ug/l	100
71) Bromoform	12.21	173	79350	54.931	ug/l	98
73) Isopropylbenzene	12.33	105	683521	50.531	ug/l	100
74) N-amyl acetate	12.14	43	200909	60.500	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	137315	54.067	ug/l	97
76) 1,2,3-Trichloropropane	12.64	75	102920m	48.247	ug/l	
77) Bromobenzene	12.61	156	153205	50.898	ug/l	96
78) n-propylbenzene	12.67	91	838003	51.598	ug/l	99
79) 2-Chlorotoluene	12.75	91	460271	51.317	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	573012	50.519	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	51385	52.704	ug/l	99
82) 4-Chlorotoluene	12.86	91	486522	51.316	ug/l	100
83) tert-Butylbenzene	13.08	119	488152	50.821	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	583167	52.093	ug/l	99
85) sec-Butylbenzene	13.25	105	717734	51.653	ug/l	100
86) p-Isopropyltoluene	13.37	119	633159	52.266	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	304754	51.387	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	307794	51.925	ug/l	97
89) n-Butylbenzene	13.70	91	631663	52.765	ug/l	99
90) Hexachloroethane	13.96	117	119864	53.434	ug/l	97
91) 1,2-Dichlorobenzene	13.74	146	283029	52.734	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	22333	46.365	ug/l	99

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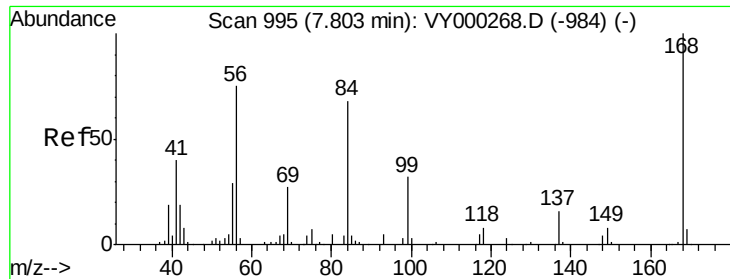
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	190863	51.077	ug/l	99
94) Hexachlorobutadiene	15.11	225	99920	49.411	ug/l	99
95) Naphthalene	15.23	128	418720	50.212	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	170357	50.585	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.00 min

Lab File: VY000402.D

Acq: 24 Oct 2019 12:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 229013

Ion Ratio Lower Upper

168 100

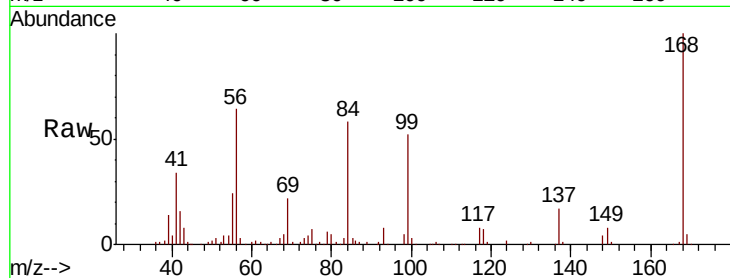
99 51.8 46.6 69.8

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VY000402.D (-946) (-)

Ion 98.90 (98.60 to 99.60): VY000402.D (-946) (-)

120000

100000

80000

60000

40000

20000

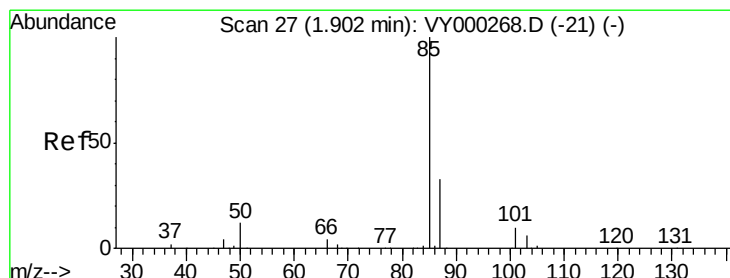
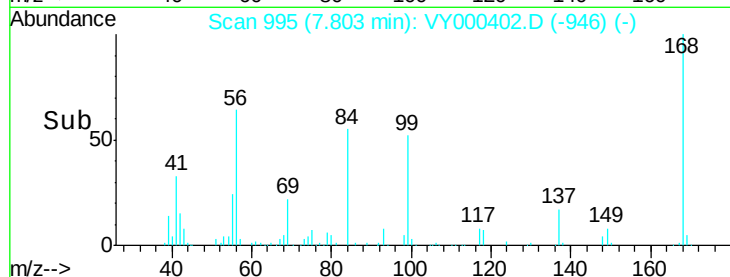
0

7.70

7.80

7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 43.182 ug/l

RT: 1.90 min Scan# 27

Delta R.T. 0.00 min

Lab File: VY000402.D

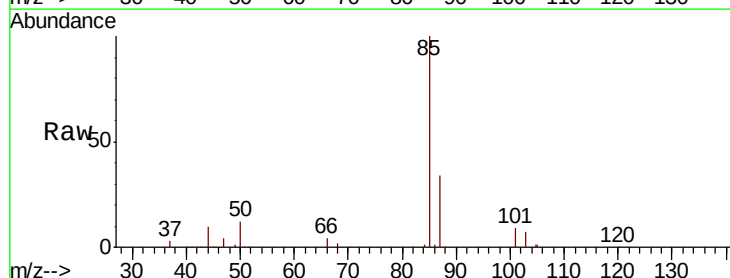
Acq: 24 Oct 2019 12:00

Tgt Ion: 85 Resp: 79187

Ion Ratio Lower Upper

85 100

87 33.7 16.6 49.8



Abundance Ion 84.90 (84.60 to 85.60): VY000402.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY000402.D (-1) (-)

50000

40000

30000

20000

10000

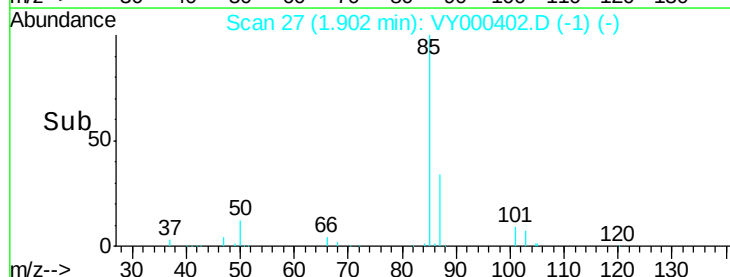
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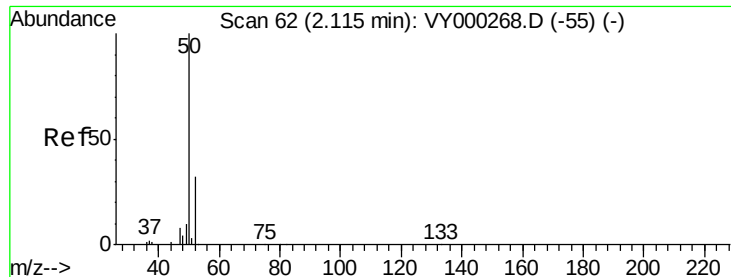
1.80

1.90

2.00

Time-->





#3

Chloromethane

Concen: 57.371 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY000402.D

Acq: 24 Oct 2019 12:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 160550

Ion Ratio Lower Upper

50 100

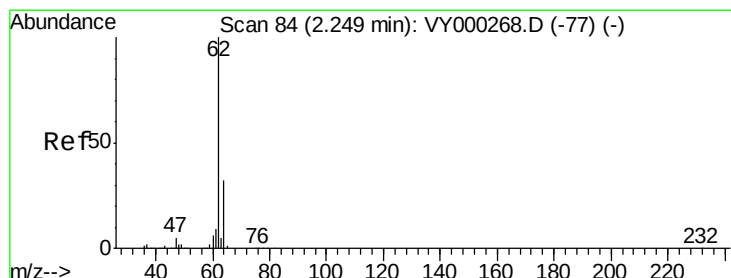
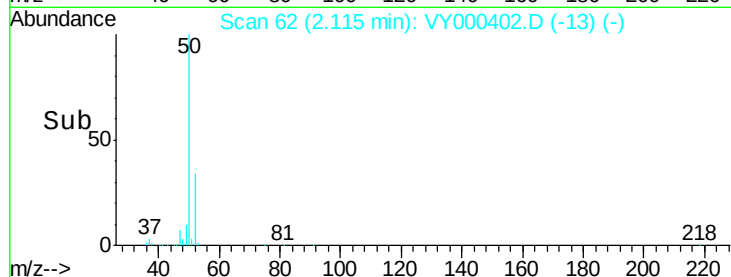
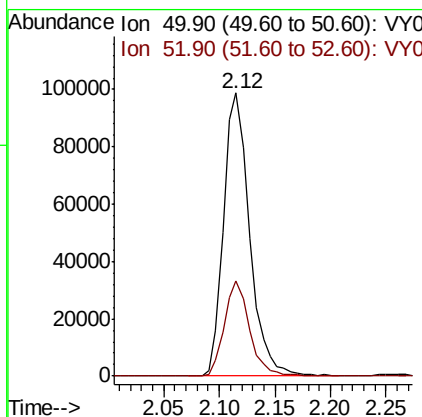
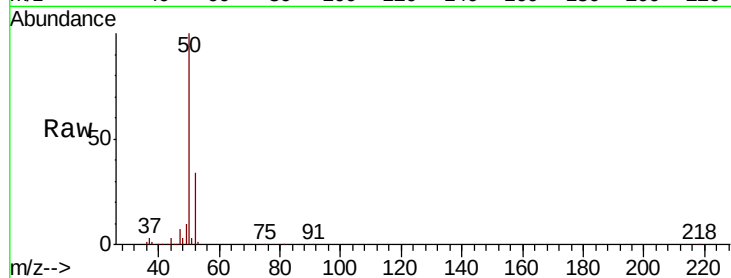
52 33.6 25.3 37.9

Manual Integrations

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#4

Vinyl Chloride

Concen: 45.211 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.01 min

Lab File: VY000402.D

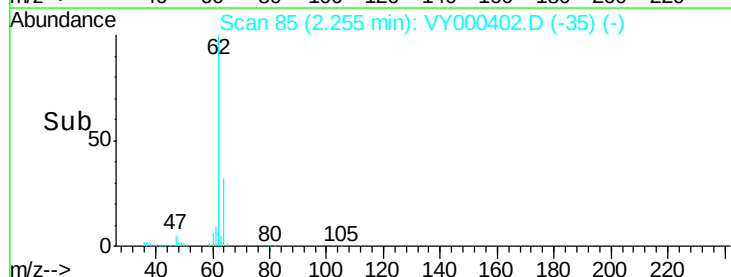
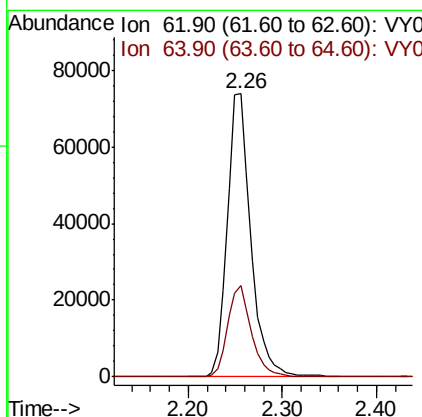
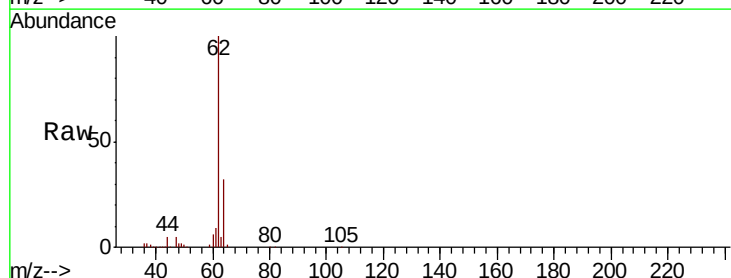
Acq: 24 Oct 2019 12:00

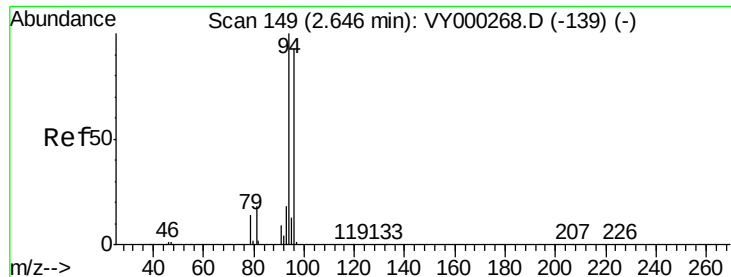
Tgt Ion: 62 Resp: 127688

Ion Ratio Lower Upper

62 100

64 32.2 25.6 38.4





#5

Bromomethane

Concen: 49.243 ug/l

RT: 2.65 min Scan# 149

Delta R.T. 0.00 min

Lab File: VY000402.D

Acq: 24 Oct 2019 12:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 103070

Ion Ratio Lower Upper

94 100

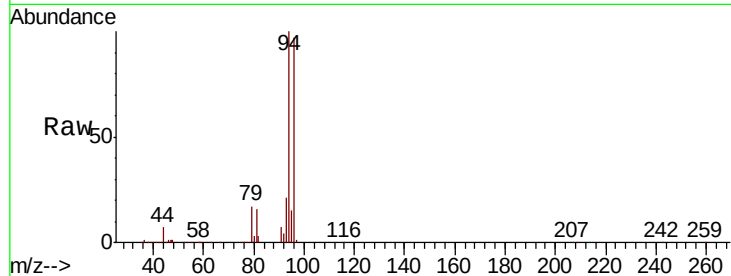
96 96.7 74.2 111.2

Manual Integrations

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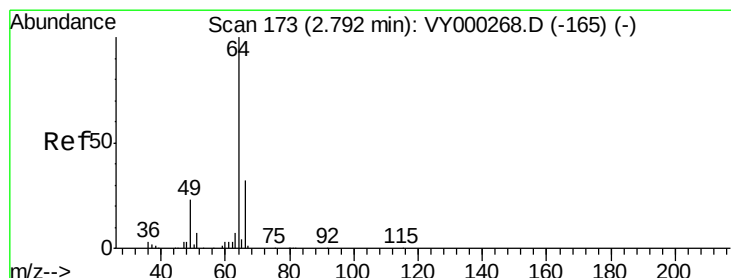
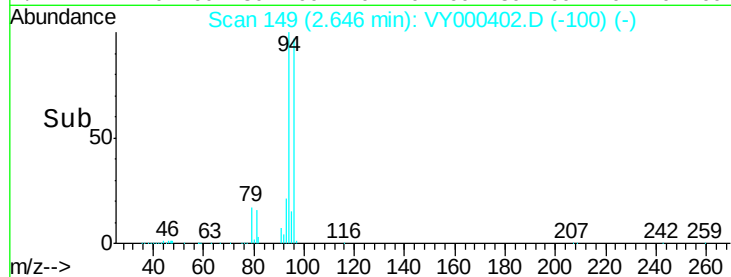
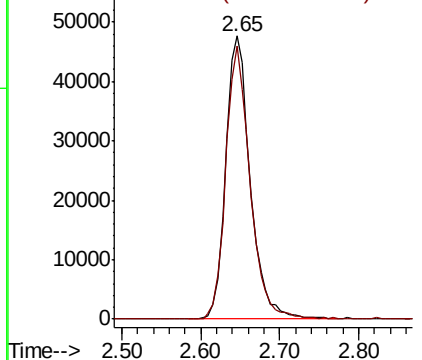
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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 46.434 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.00 min

Lab File: VY000402.D

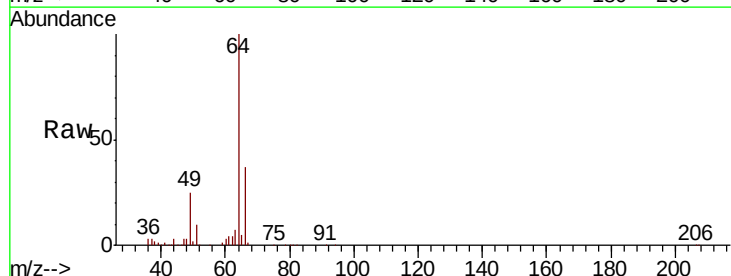
Acq: 24 Oct 2019 12:00

Tgt Ion: 64 Resp: 84616

Ion Ratio Lower Upper

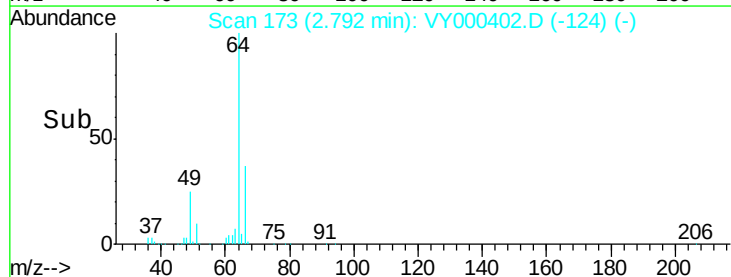
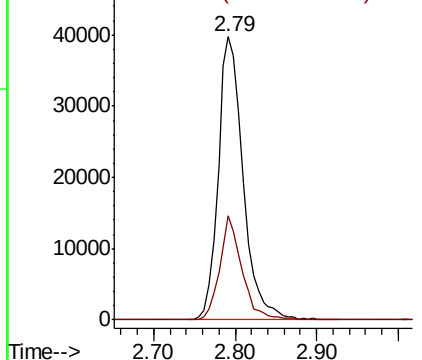
64 100

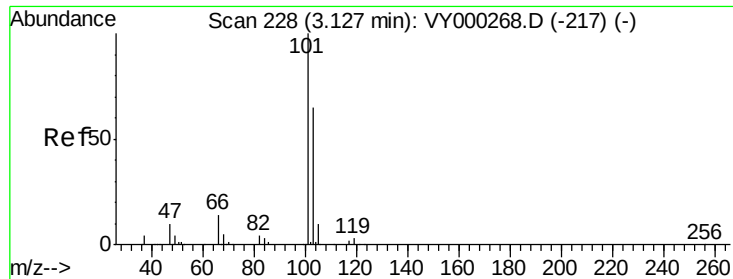
66 36.6 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

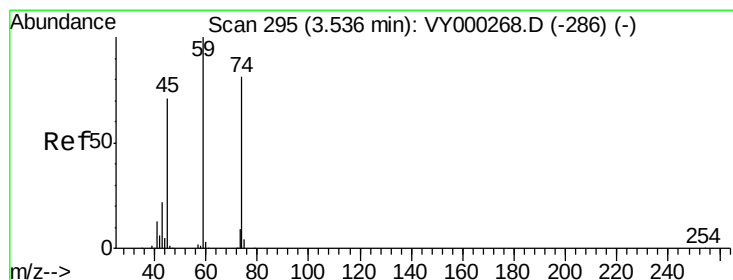
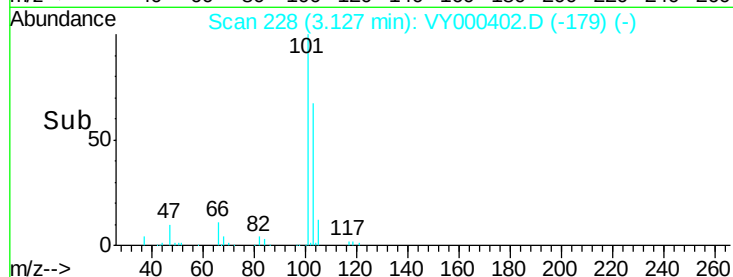
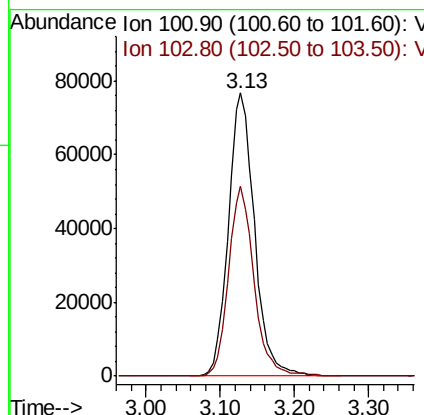
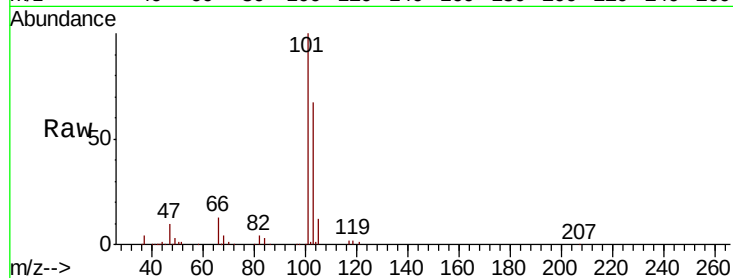
Trichlorofluoromethane
 Concen: 48.653 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. -0.00 min
 Lab File: VY000402.D
 Acq: 24 Oct 2019 12:00

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Tot Ion	Ratio	Lower	Upper
101	100		
103	67.1	52.2	78.4

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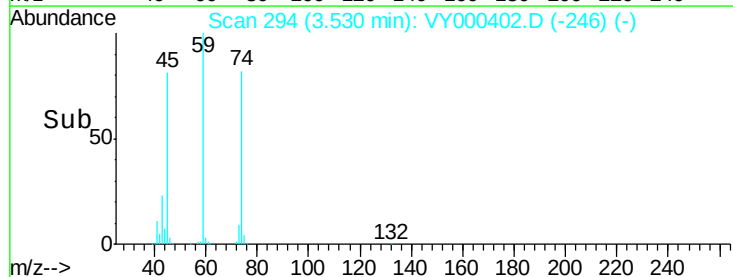
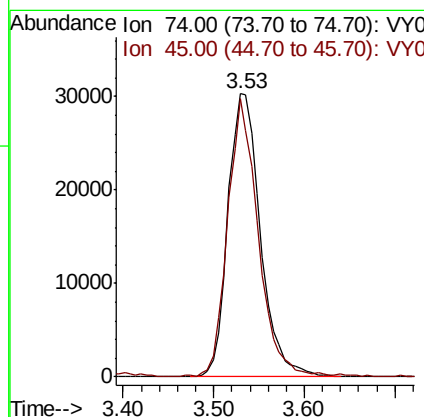
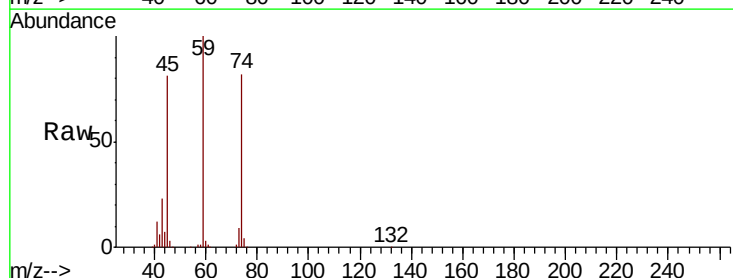
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 10/25/2019 4:46:23 PM

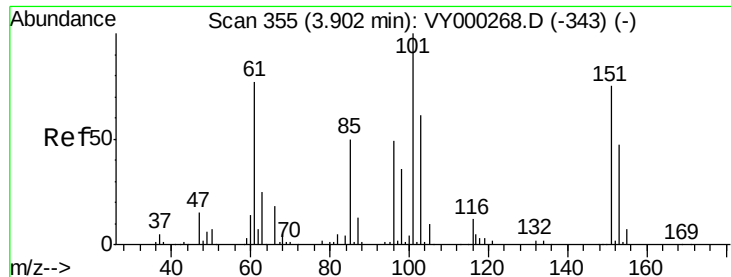


#8

Diethyl Ether
 Concen: 55.146 ug/l
 RT: 3.53 min Scan# 294
 Delta R.T. -0.01 min
 Lab File: VY000402.D
 Acq: 24 Oct 2019 12:00

Tgt Ion	Ratio	Lower	Upper
74	100		
45	92.3	47.1	141.4





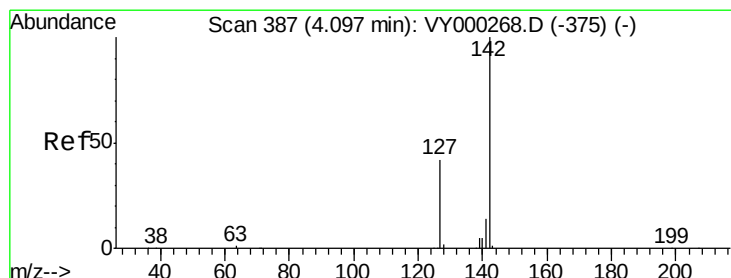
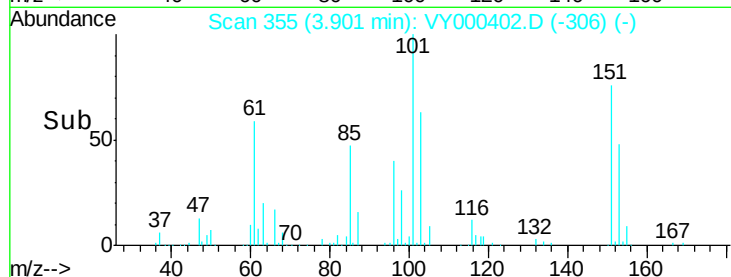
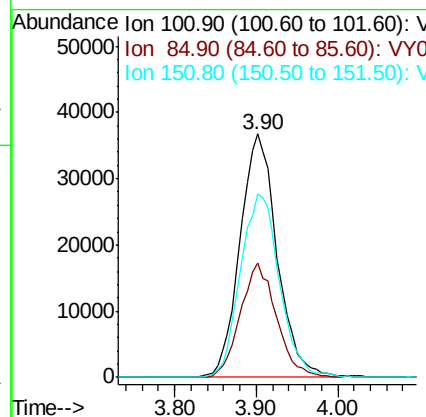
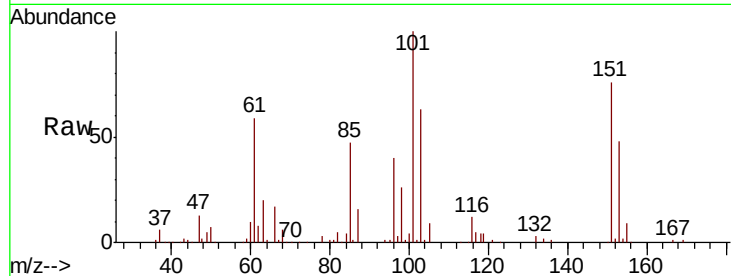
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 49.532 ug/l
 RT: 3.90 min Scan# 355
 Delta R.T. -0.00 min
 Lab File: VY000402.D
 Acq: 24 Oct 2019 12:00

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 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
101	100	116050		
85	45.7	36.6	55.0	
151	79.6	63.1	94.7	

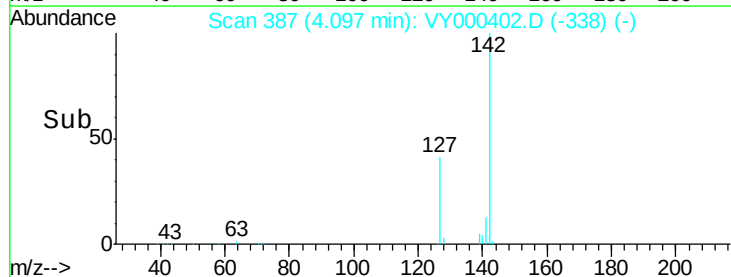
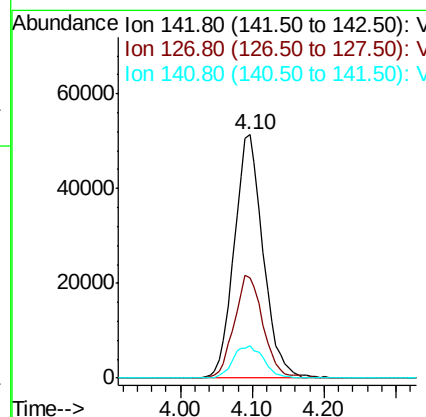
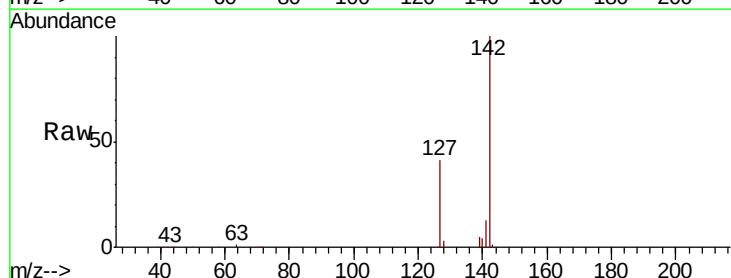
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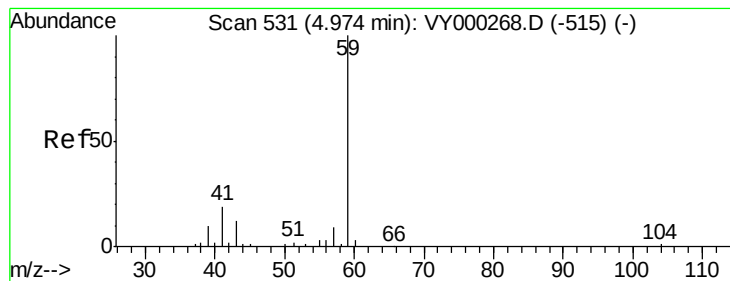
MMDadoda
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#10
 Methyl Iodide
 Concen: 43.111 ug/l
 RT: 4.10 min Scan# 387
 Delta R.T. 0.00 min
 Lab File: VY000402.D
 Acq: 24 Oct 2019 12:00

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	143308		
127	42.2	33.9	50.9	
141	14.3	11.2	16.8	





#11

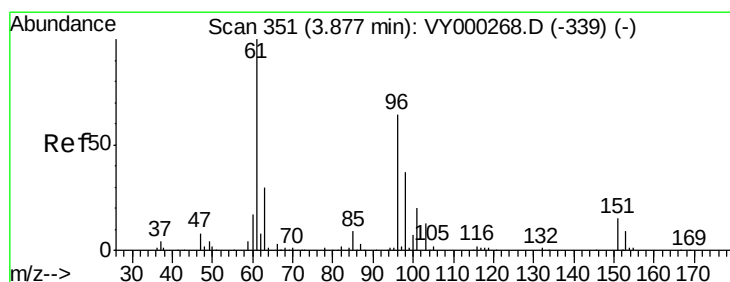
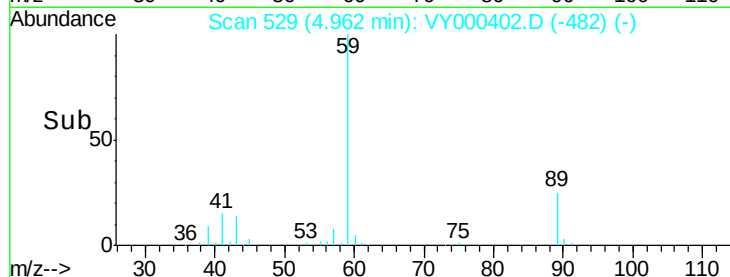
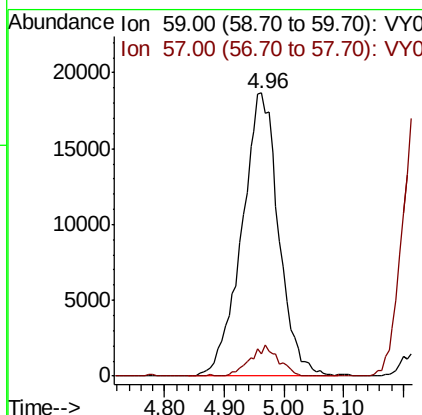
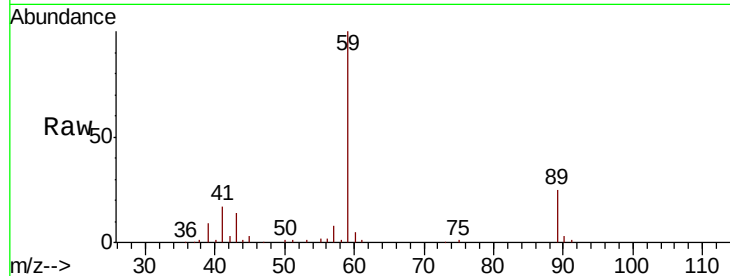
Tert butyl alcohol
 Concen: 317.150 ug/l
 RT: 4.96 min Scan# 529
 Delta R.T. -0.01 min
 Lab File: VY000402.D
 Acq: 24 Oct 2019 12:00

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
59	59	100	80178		
57	57	8.4		8.2	12.2

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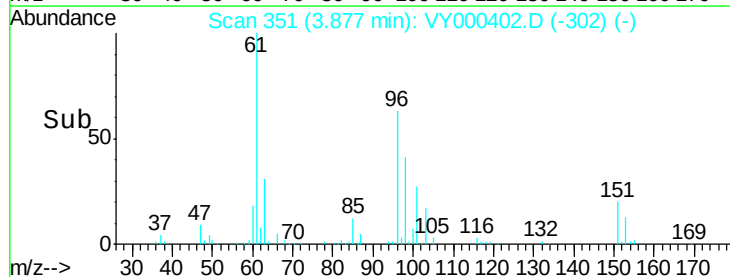
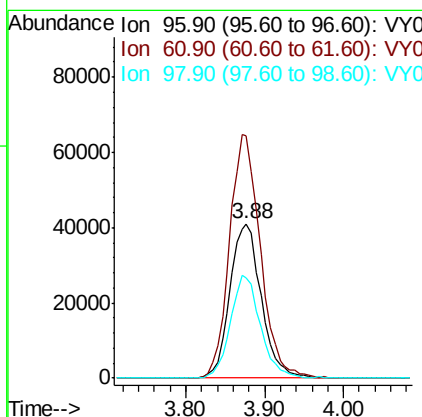
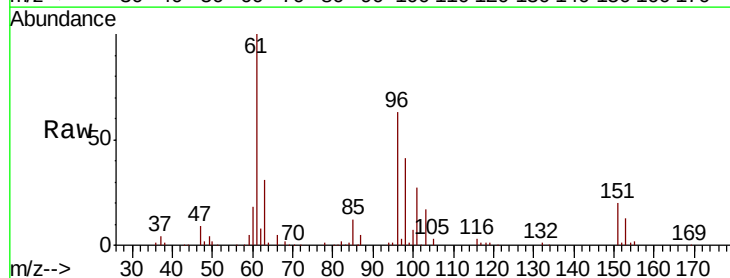
MMDadoda
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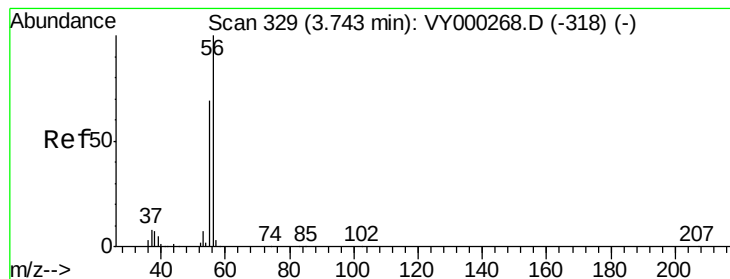


#12

1,1-Dichloroethene
 Concen: 49.092 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. -0.00 min
 Lab File: VY000402.D
 Acq: 24 Oct 2019 12:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
96	96	100	113549		
61	61	157.5		125.8	188.6
98	98	64.7		46.2	69.2





#13

Acrolein

Concen: 245.858 ug/l

RT: 3.74 min Scan# 328

Delta R.T. -0.01 min

Lab File: VY000402.D

Acq: 24 Oct 2019 12:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 72870

Ion Ratio Lower Upper

56 100

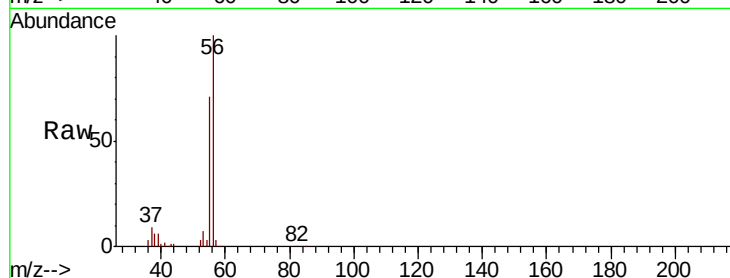
55 72.6 55.7 83.5

Manual Integrations

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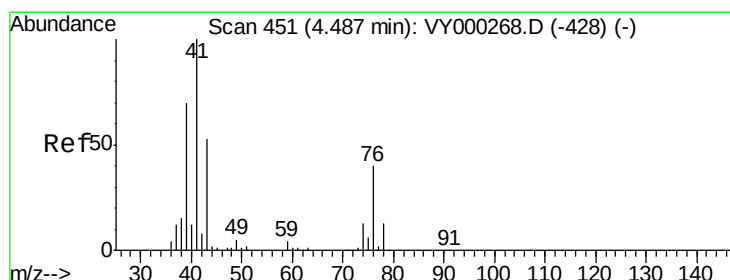
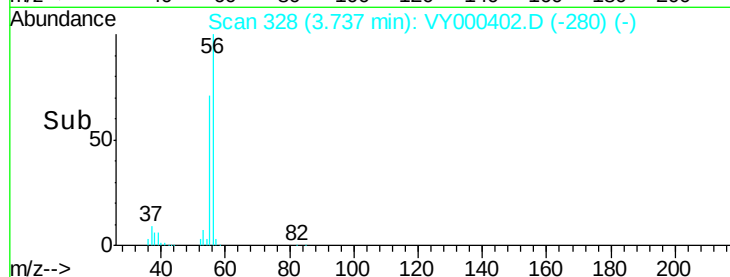
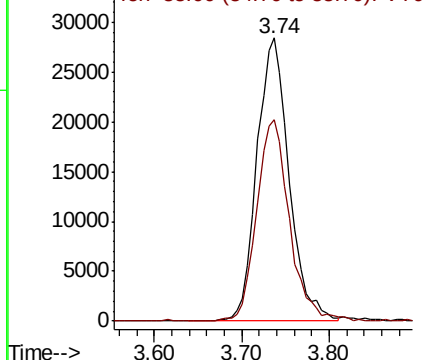
MMDadoda

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Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0



#14

Allyl chloride

Concen: 50.551 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.00 min

Lab File: VY000402.D

Acq: 24 Oct 2019 12:00

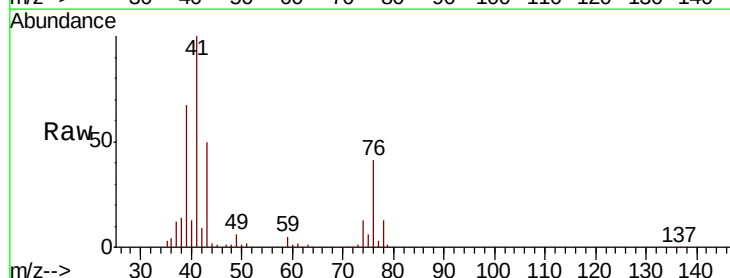
Tgt Ion: 41 Resp: 193763

Ion Ratio Lower Upper

41 100

39 66.8 54.0 81.0

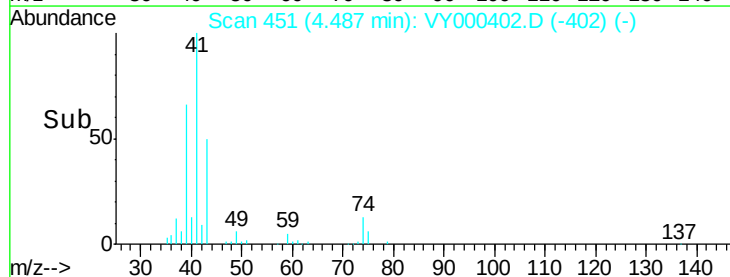
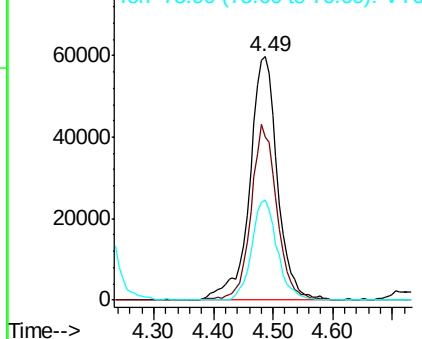
76 37.6 30.7 46.1

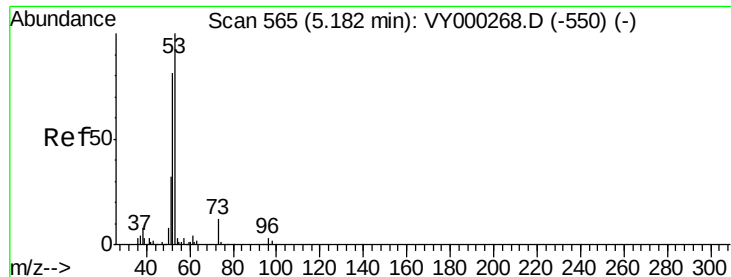


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0





#15

Acrylonitrile

Concen: 242.517 ug/l

RT: 5.18 min Scan# 564

Delta R.T. -0.01 min

Lab File: VY000402.D

Acq: 24 Oct 2019 12:00

Instrument :

MSVOA_Y

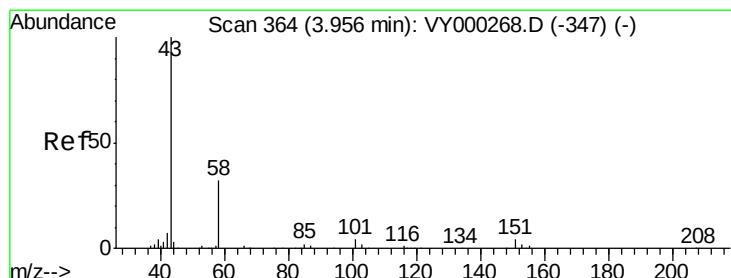
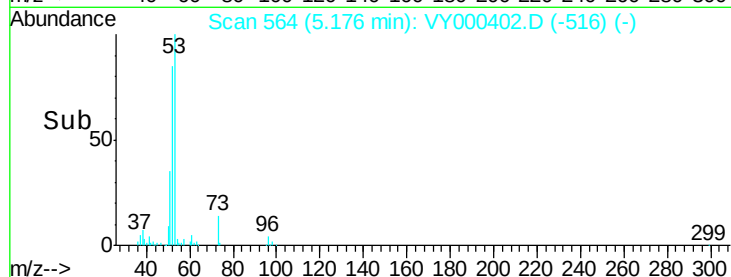
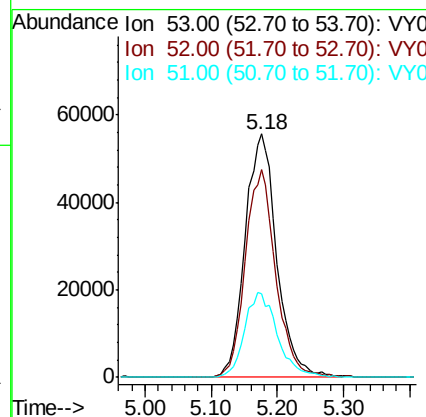
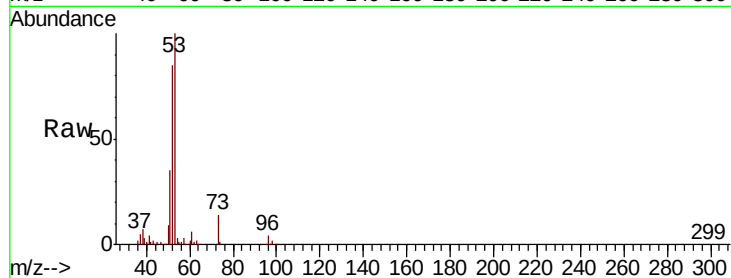
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	185257
Ion Ratio		Lower	Upper
53	100		
52	81.8	62.9	94.3
51	36.1	26.9	40.3

Manual Integrations
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#16

Acetone

Concen: 273.483 ug/l

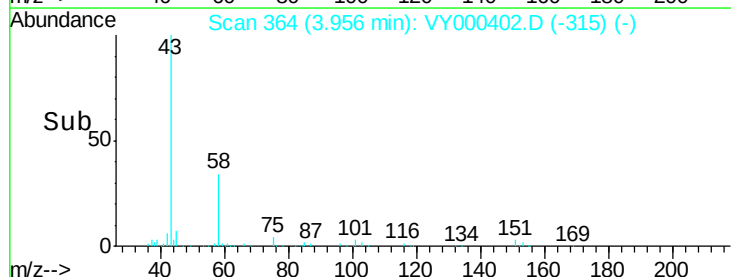
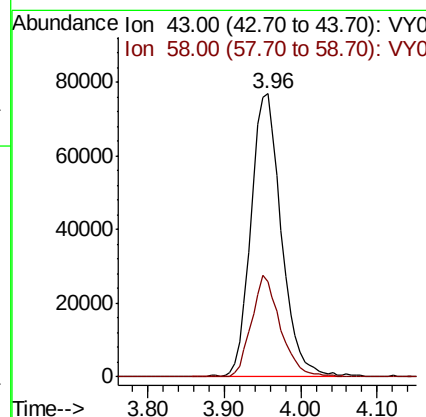
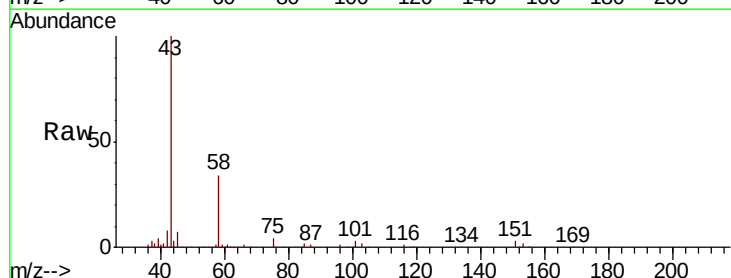
RT: 3.96 min Scan# 364

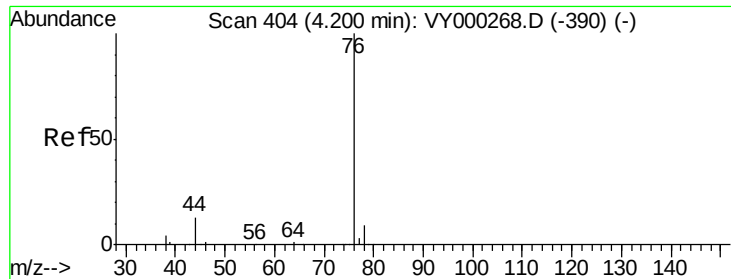
Delta R.T. -0.00 min

Lab File: VY000402.D

Acq: 24 Oct 2019 12:00

Tgt Ion:	43	Resp:	213950
Ion Ratio		Lower	Upper
43	100		
58	33.6	25.8	38.6





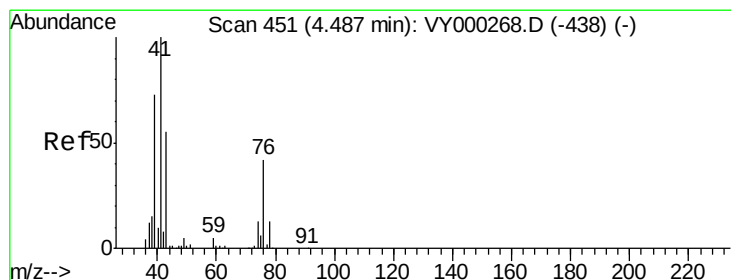
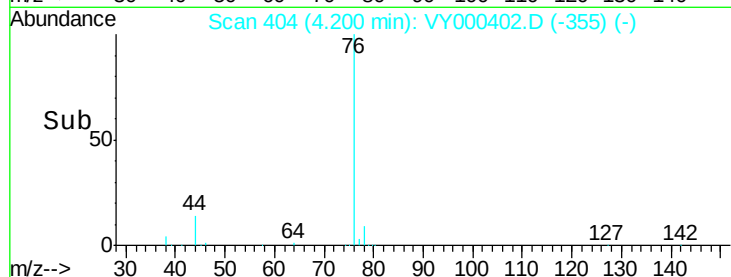
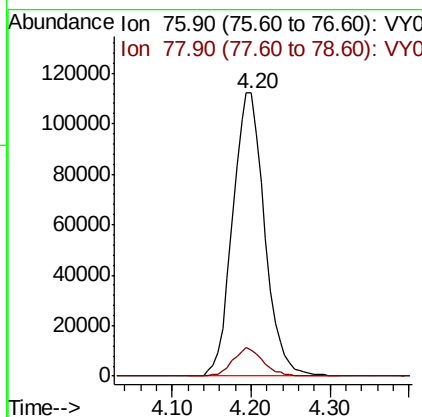
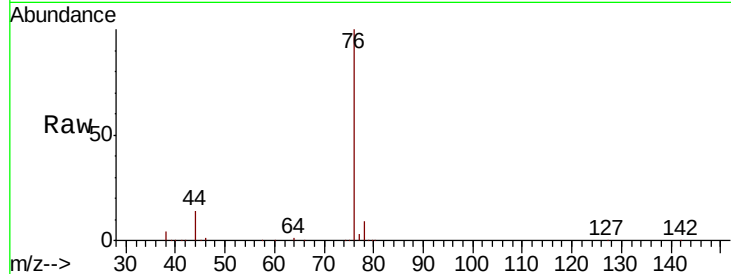
#17
Carbon Disulfide
Concen: 43.301 ug/l
RT: 4.20 min Scan# 404
Delta R.T. -0.00 min
Lab File: VY000402.D
Acq: 24 Oct 2019 12:00

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 76 Resp: 315341
Ion Ratio Lower Upper
76 100
78 9.4 7.0 10.4

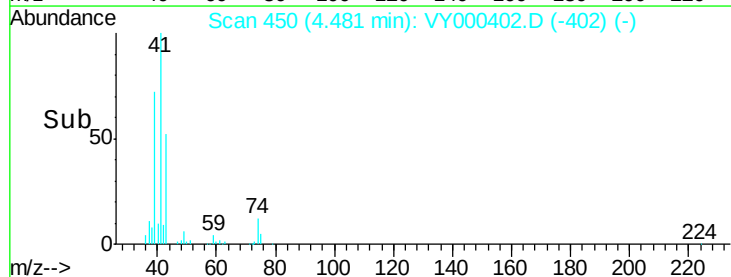
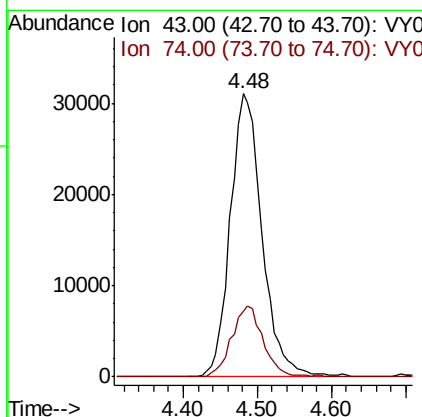
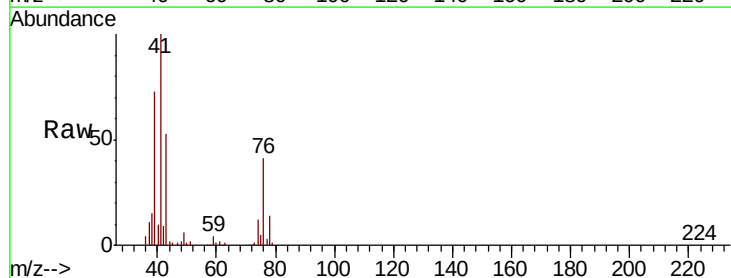
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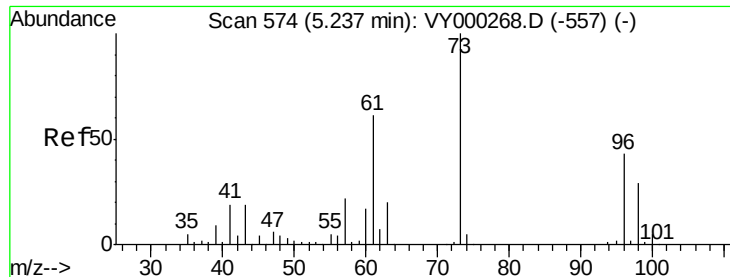
MMDadoda
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#18
Methyl Acetate
Concen: 47.741 ug/l
RT: 4.48 min Scan# 450
Delta R.T. -0.01 min
Lab File: VY000402.D
Acq: 24 Oct 2019 12:00

Tgt Ion: 43 Resp: 92797
Ion Ratio Lower Upper
43 100
74 25.0 20.4 30.6





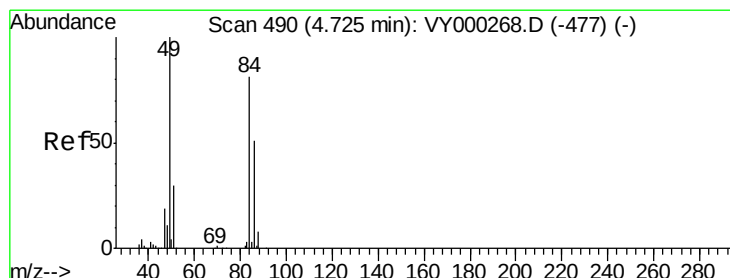
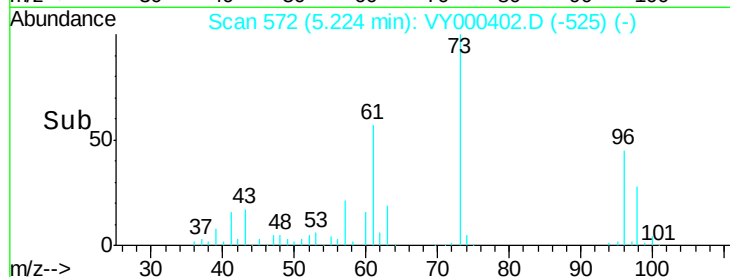
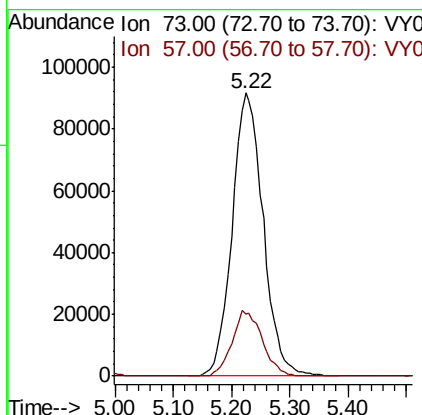
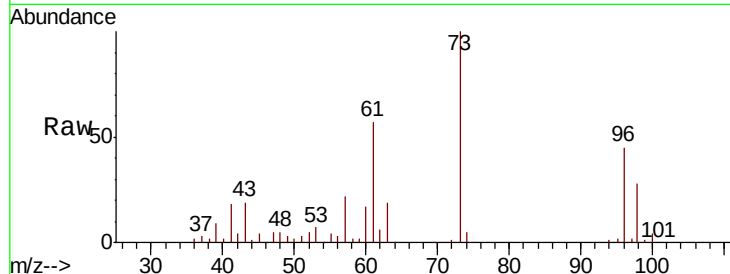
#19
Methyl tert-butyl Ether
Concen: 52.371 ug/l
RT: 5.22 min Scan# 572
Delta R.T. -0.01 min
Lab File: VY000402.D
Acq: 24 Oct 2019 12:00

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 337207
Ion Ratio Lower Upper
73 100
57 21.7 17.4 26.0

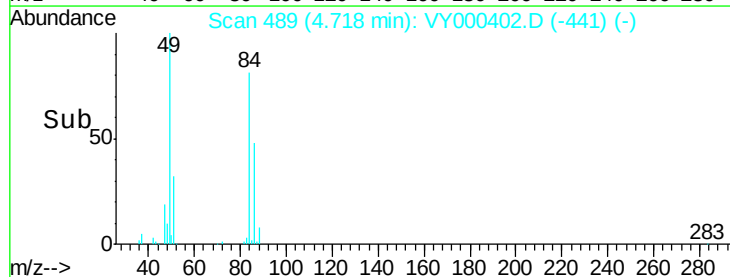
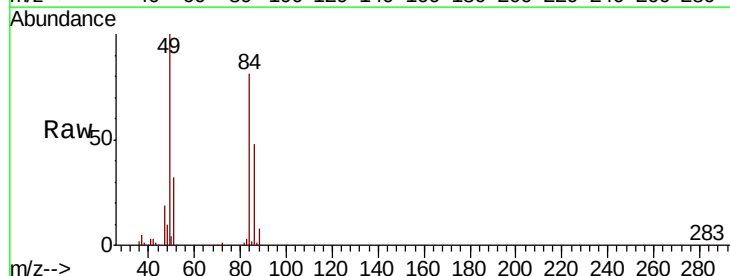
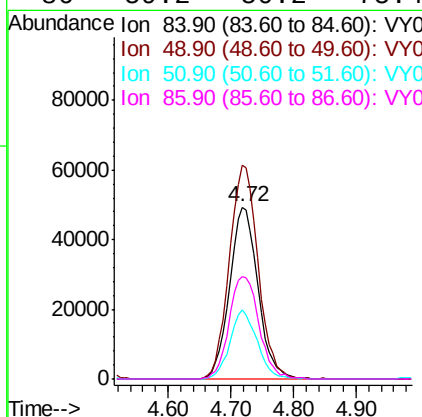
Manual Integrations
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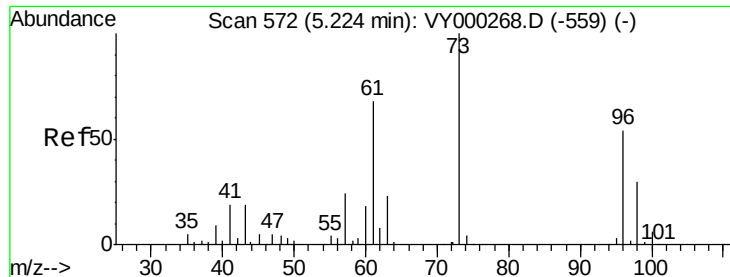
MMDadoda
10/25/2019 4:46:23 PM



#20
Methylene Chloride
Concen: 59.536 ug/l
RT: 4.72 min Scan# 489
Delta R.T. -0.01 min
Lab File: VY000402.D
Acq: 24 Oct 2019 12:00

Tgt Ion: 84 Resp: 154196
Ion Ratio Lower Upper
84 100
49 124.1 99.0 148.4
51 40.1 29.3 43.9
86 59.2 50.2 75.4





#21

trans-1,2-Dichloroethene

Concen: 48.788 ug/l

RT: 5.22 min Scan# 572

Delta R.T. -0.00 min

Lab File: VY000402.D

Acq: 24 Oct 2019 12:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 96 Resp: 129467

Ion Ratio Lower Upper

96 100

61 127.7 100.4 150.6

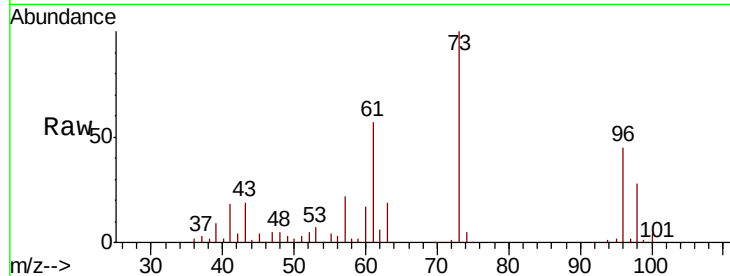
98 61.7 44.6 66.8

Manual Integrations

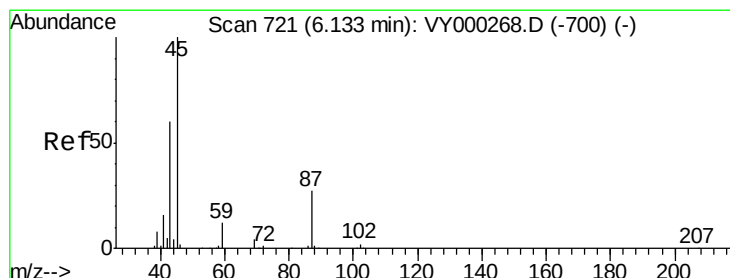
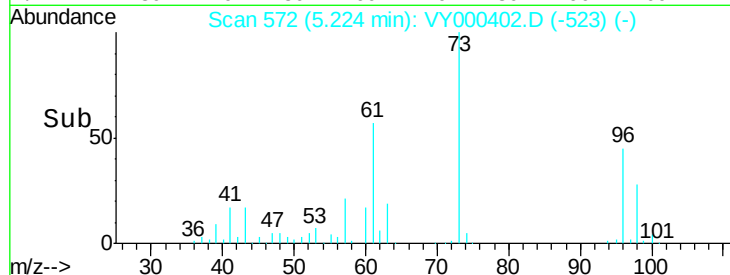
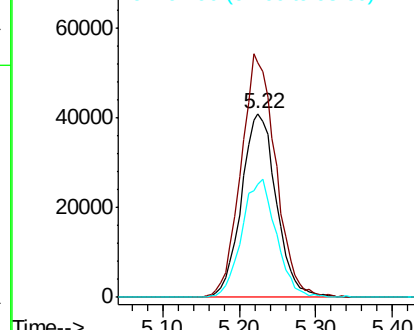
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Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



#22

Diisopropyl ether

Concen: 53.981 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.01 min

Lab File: VY000402.D

Acq: 24 Oct 2019 12:00

Tgt Ion: 45 Resp: 437622

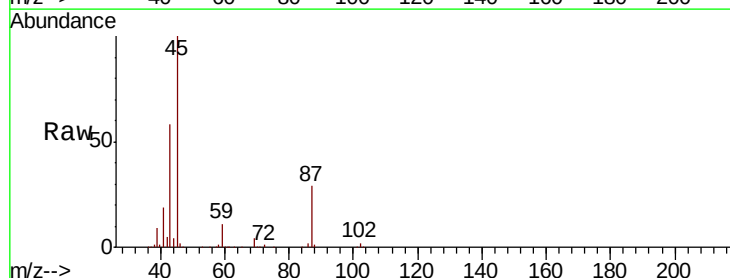
Ion Ratio Lower Upper

45 100

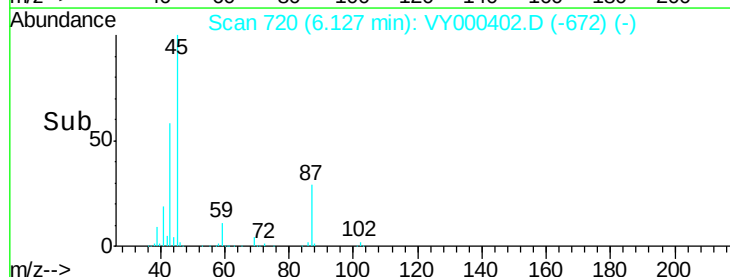
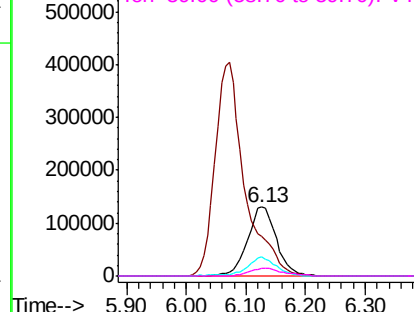
43 58.2 48.5 72.7

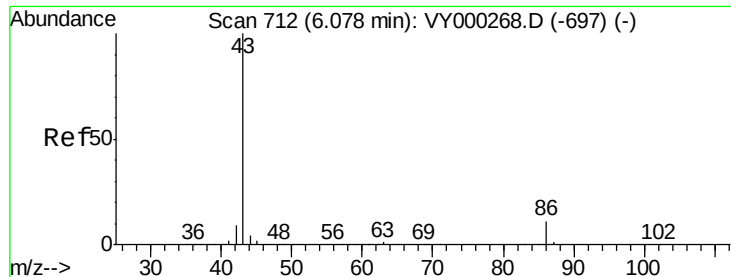
87 28.5 21.5 32.3

59 10.9 9.4 14.0



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: 262.824 ug/l

RT: 6.07 min Scan# 711

Delta R.T. -0.01 min

Lab File: VY000402.D

Acq: 24 Oct 2019 12:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1390031

Ion Ratio Lower Upper

43 100

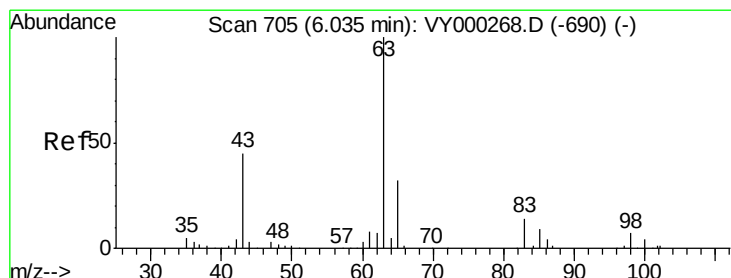
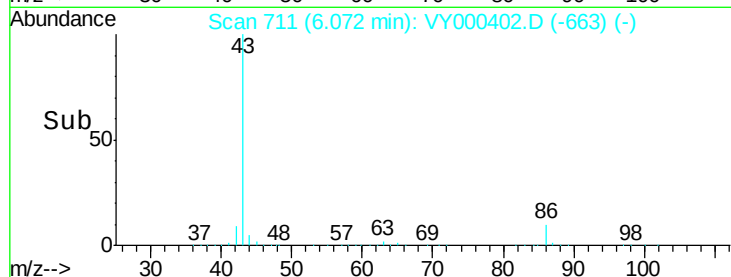
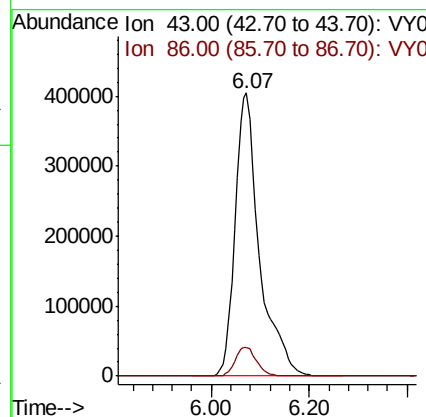
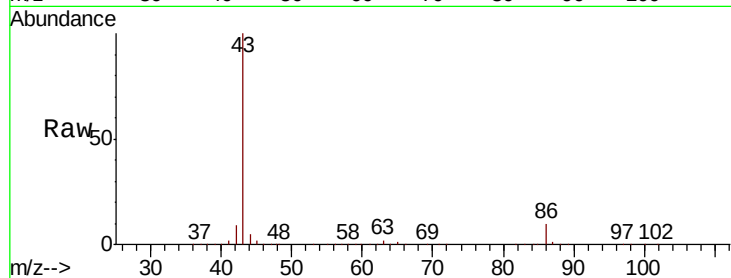
86 10.3 8.6 13.0

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 51.545 ug/l

RT: 6.02 min Scan# 703

Delta R.T. -0.01 min

Lab File: VY000402.D

Acq: 24 Oct 2019 12:00

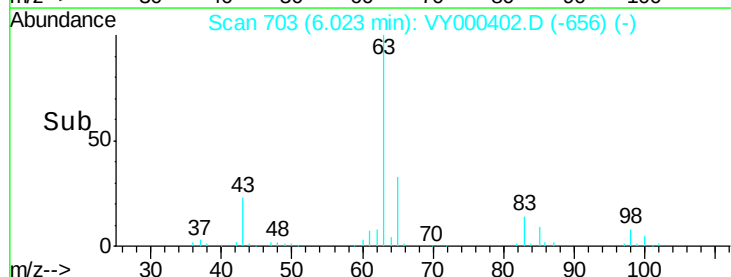
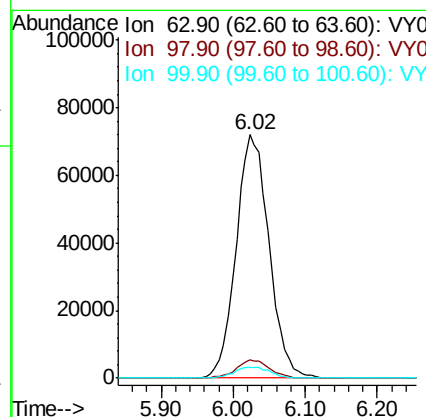
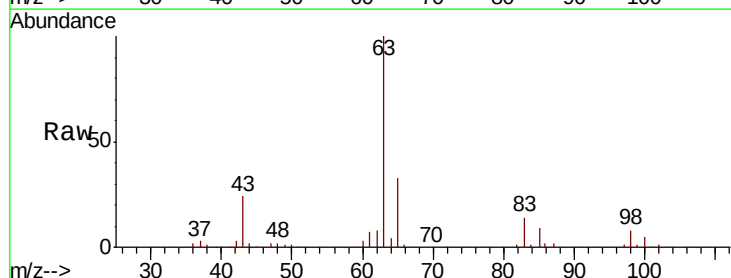
Tgt Ion: 63 Resp: 228088

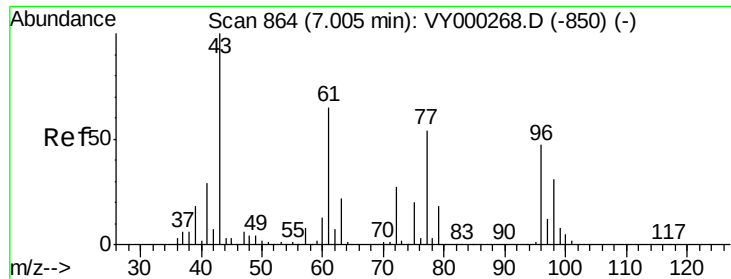
Ion Ratio Lower Upper

63 100

98 7.6 3.5 10.4

100 4.6 2.1 6.2





#25

2-Butanone

Concen: 266.746 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.01 min

Lab File: VY000402.D

Acq: 24 Oct 2019 12:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 293963

Ion Ratio Lower Upper

43 100

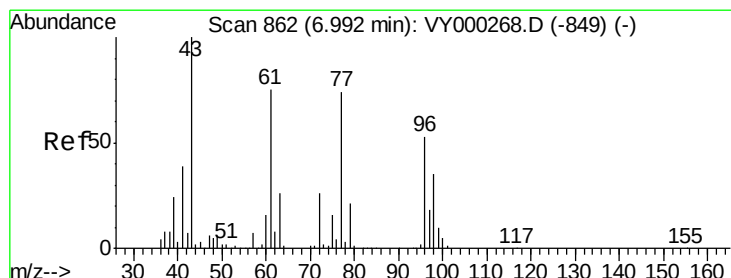
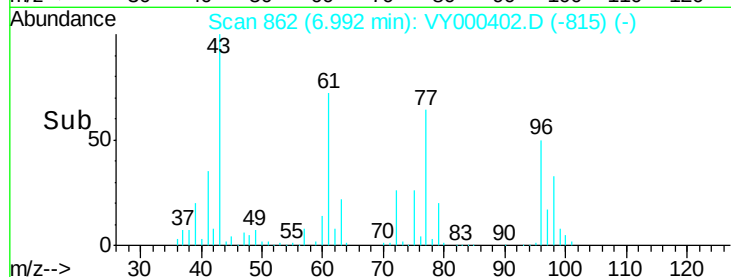
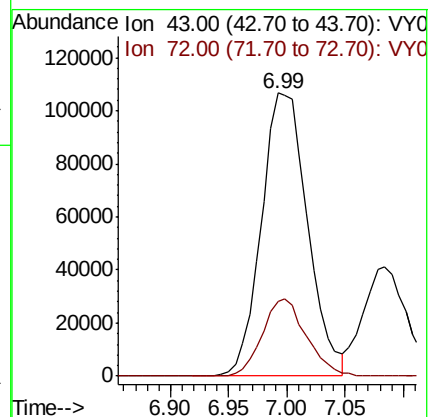
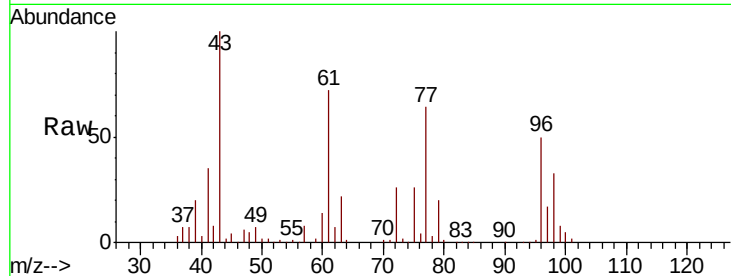
72 26.3 21.4 32.2

Manual Integrations

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MMDadoda

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#26

2,2-Dichloropropane

Concen: 52.758 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.00 min

Lab File: VY000402.D

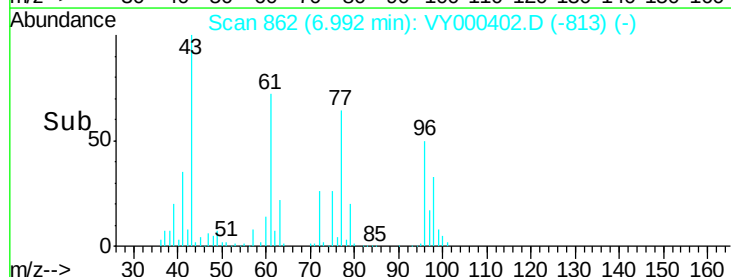
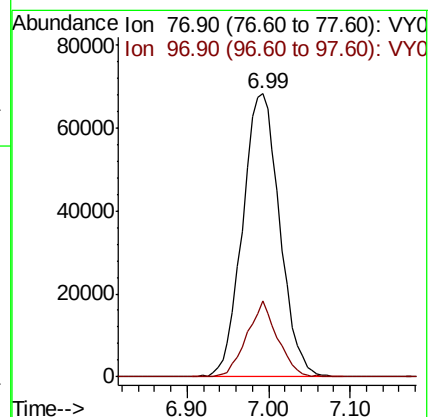
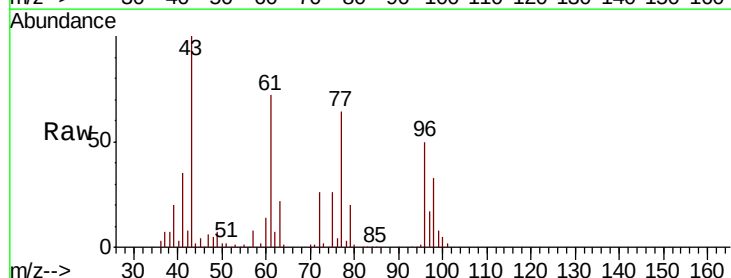
Acq: 24 Oct 2019 12:00

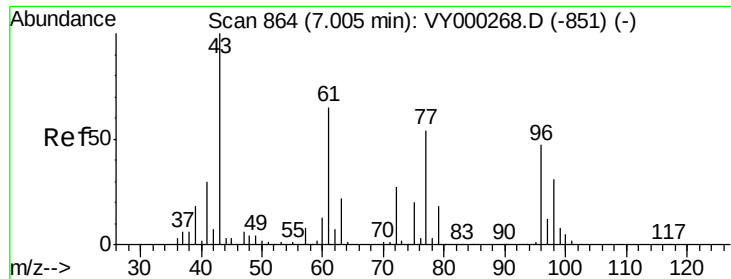
Tgt Ion: 77 Resp: 215122

Ion Ratio Lower Upper

77 100

97 22.2 11.6 34.7





#27

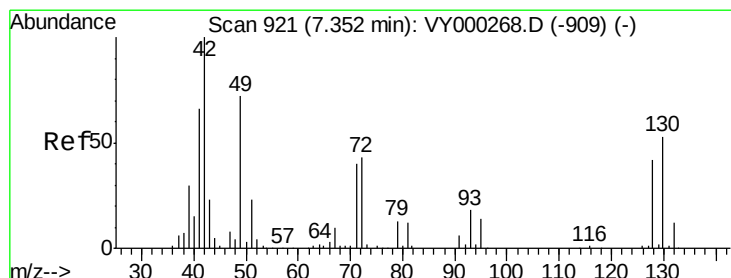
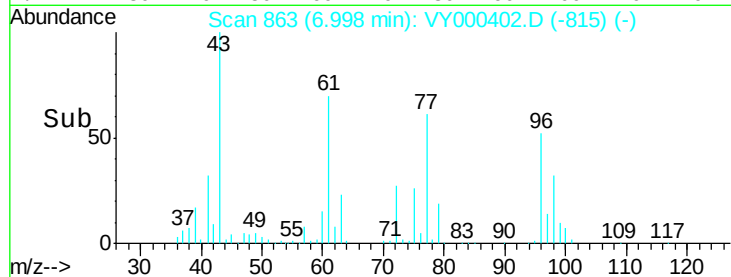
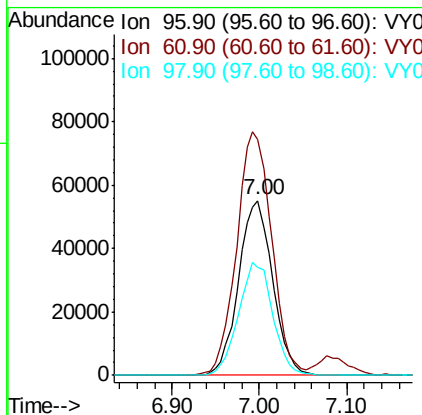
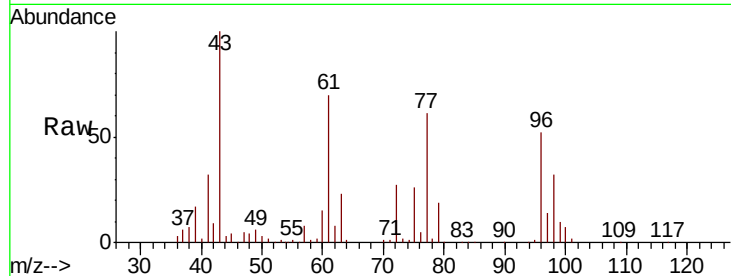
cis-1,2-Dichloroethene
Concen: 52.092 ug/l
RT: 7.00 min Scan# 863
Delta R.T. -0.01 min
Lab File: VY000402.D
Acq: 24 Oct 2019 12:00

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	149581		
61	143.3	0.0	289.8	
98	64.7	0.0	131.8	

Manual Integrations
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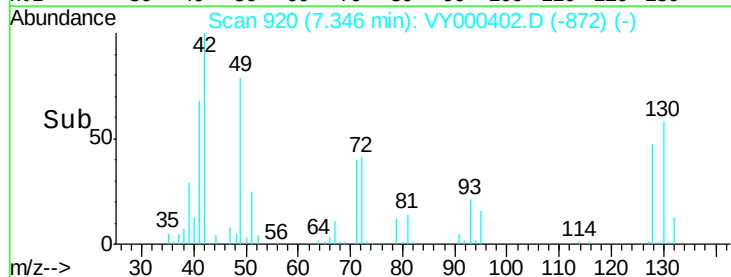
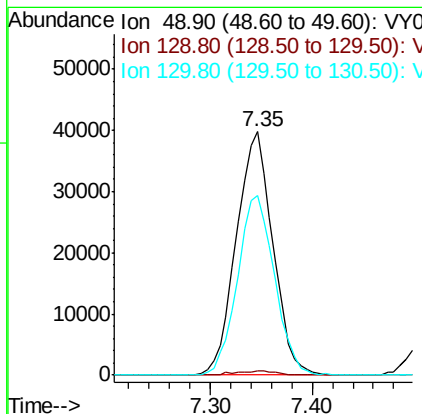
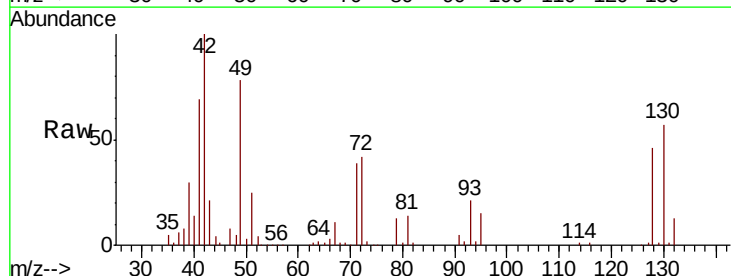
MMDadoda
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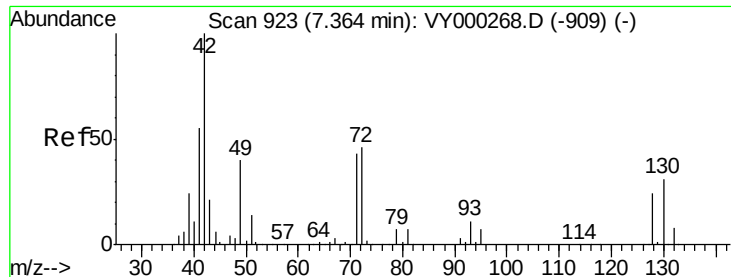


#28

Bromochloromethane
Concen: 52.063 ug/l
RT: 7.35 min Scan# 920
Delta R.T. -0.01 min
Lab File: VY000402.D
Acq: 24 Oct 2019 12:00

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	98899		
129	1.9	0.0	4.0	
130	74.7	58.2	87.2	





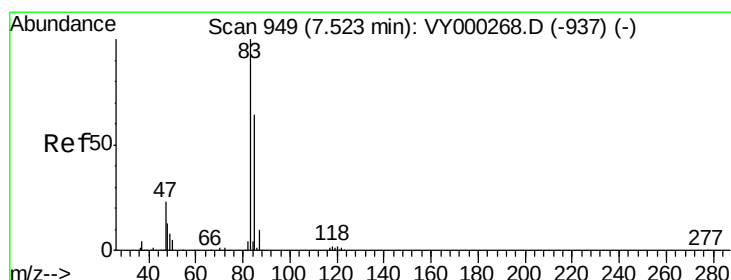
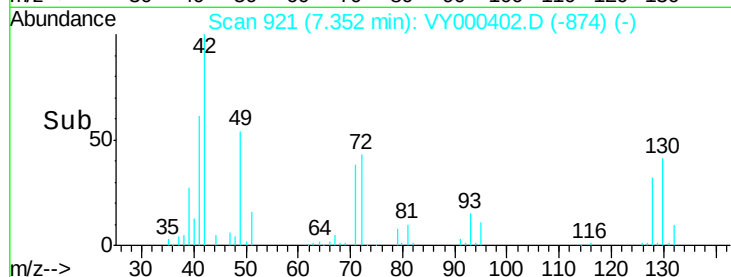
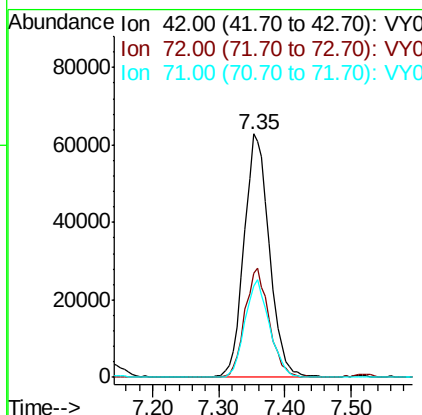
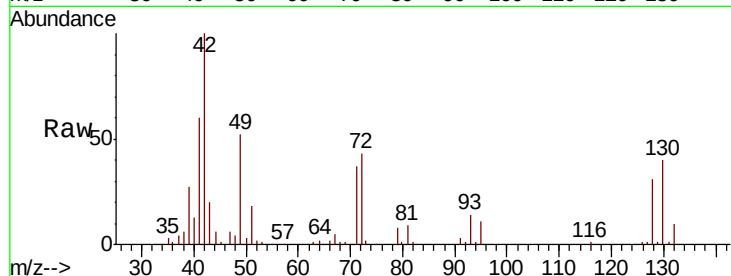
#29
Tetrahydrofuran
Concen: 251.198 ug/l
RT: 7.35 min Scan# 921
Delta R.T. -0.01 min
Lab File: VY000402.D
Acq: 24 Oct 2019 12:00

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.9	34.5	51.7
71	38.9	32.7	49.1

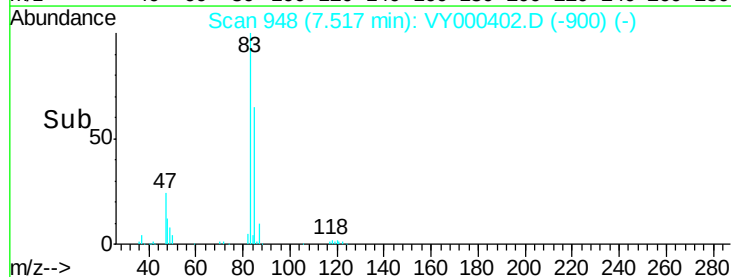
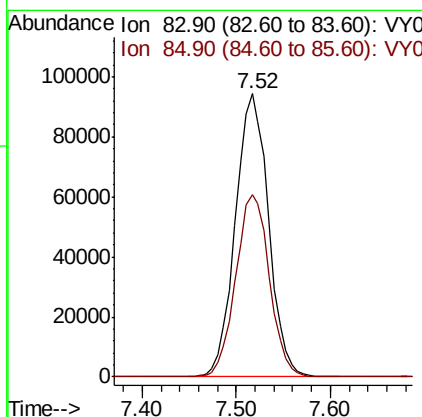
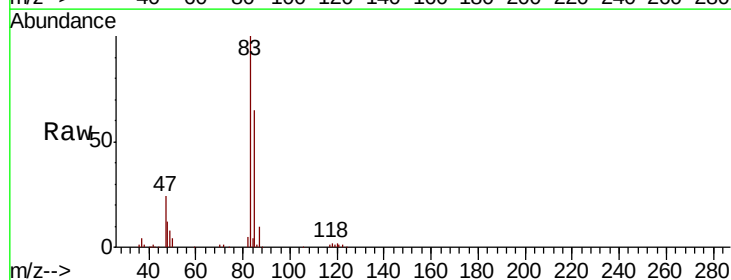
Manual Integrations
APPROVED

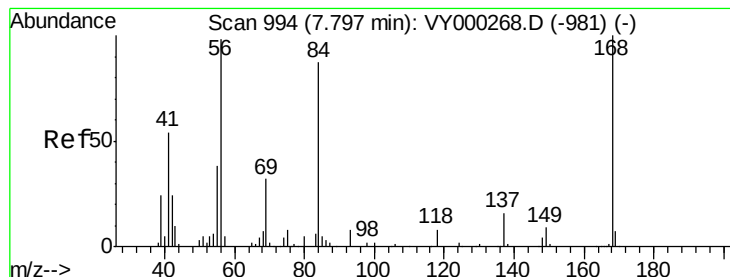
MMDadoda
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#30
Chloroform
Concen: 51.975 ug/l
RT: 7.52 min Scan# 948
Delta R.T. -0.01 min
Lab File: VY000402.D
Acq: 24 Oct 2019 12:00

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.6	51.4	77.2





#31

Cyclohexane

Concen: 47.467 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.01 min

Lab File: VY000402.D

Acq: 24 Oct 2019 12:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 219382

Ion Ratio Lower Upper

56 100

69 32.8 26.3 39.5

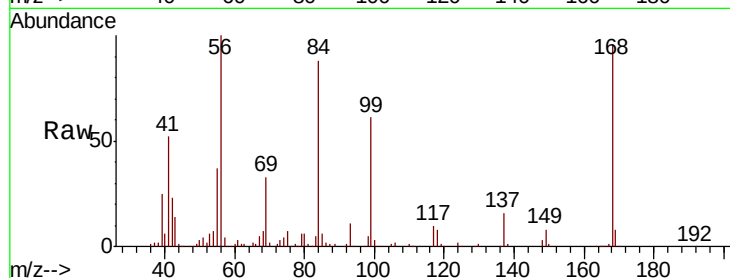
84 86.2 70.8 106.2

Manual Integrations

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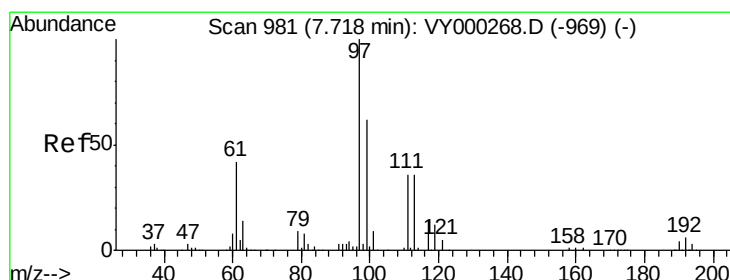
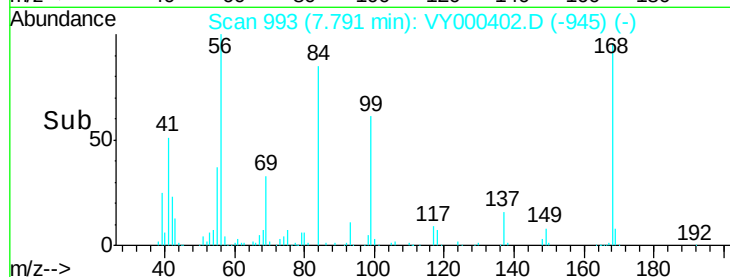
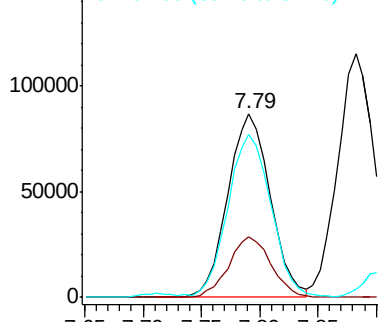


Abundance

Ion 56.00 (55.70 to 56.70): VY0

Ion 69.00 (68.70 to 69.70): VY0

Ion 84.00 (83.70 to 84.70): VY0



#32

1,1,1-Trichloroethane

Concen: 52.539 ug/l

RT: 7.71 min Scan# 979

Delta R.T. -0.01 min

Lab File: VY000402.D

Acq: 24 Oct 2019 12:00

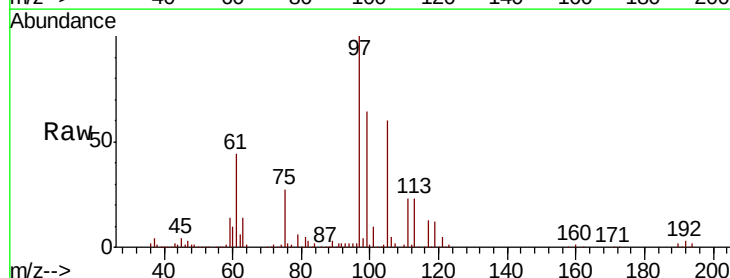
Tgt Ion: 97 Resp: 208152

Ion Ratio Lower Upper

97 100

99 64.7 51.7 77.5

61 49.3 34.5 51.7

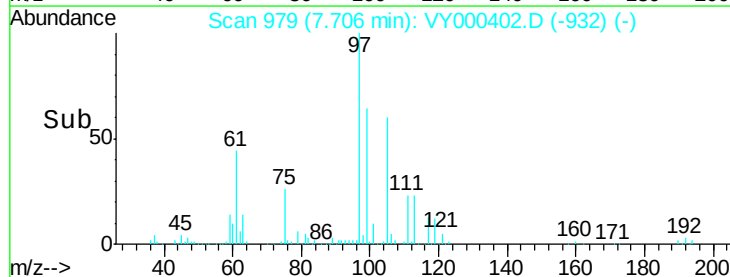
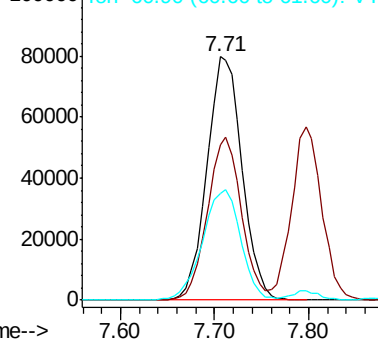


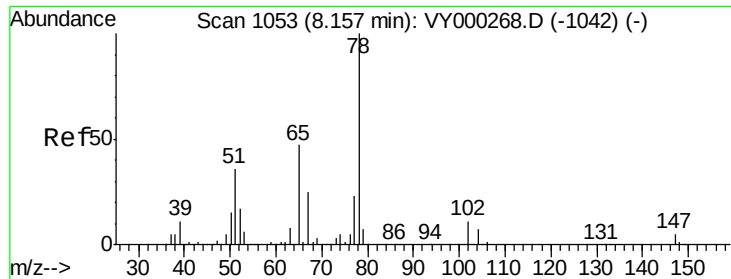
Abundance

Ion 96.90 (96.60 to 97.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

Ion 60.90 (60.60 to 61.60): VY0





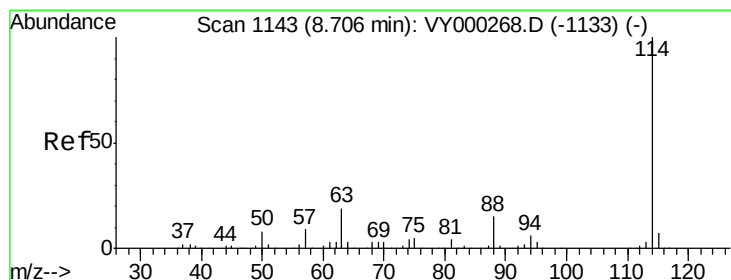
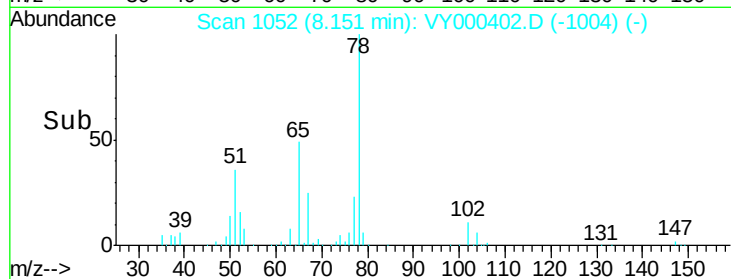
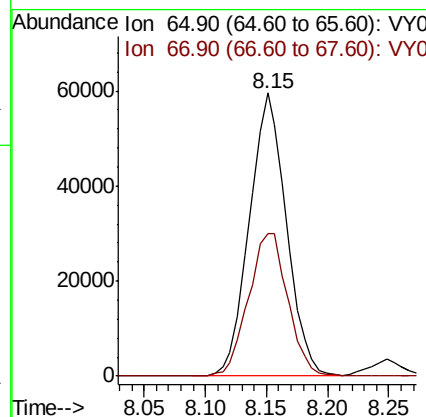
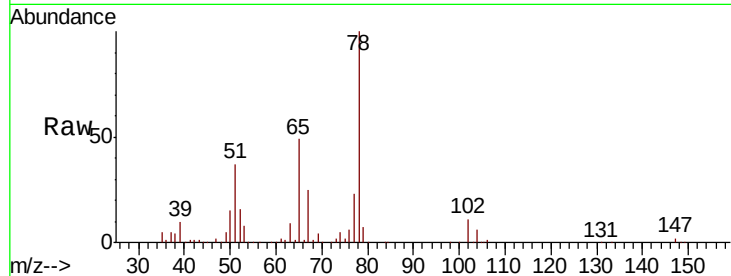
#33
 1,2-Dichloroethane-d4
 Concen: 51.854 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: VY000402.D
 Acq: 24 Oct 2019 12:00

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	53.6	0.0	109.4	

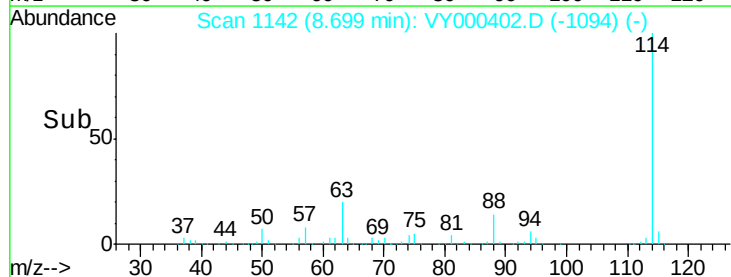
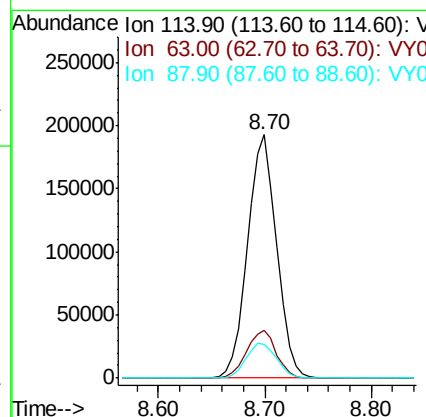
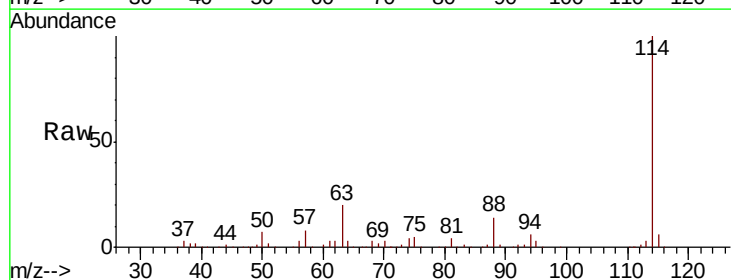
Manual Integrations
 APPROVED

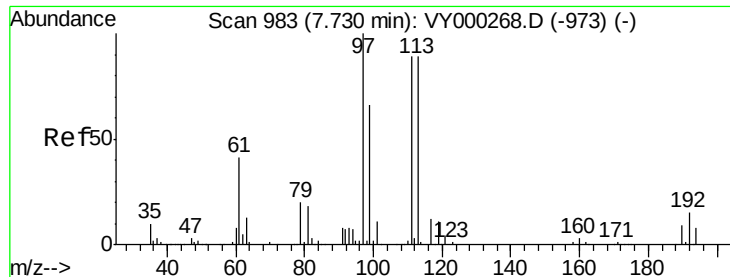
MMDadoda
 10/25/2019 4:46:23 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: VY000402.D
 Acq: 24 Oct 2019 12:00

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	19.7	0.0	37.2	
88	13.9	0.0	30.2	





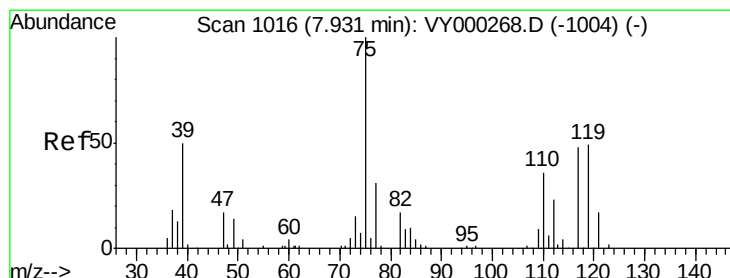
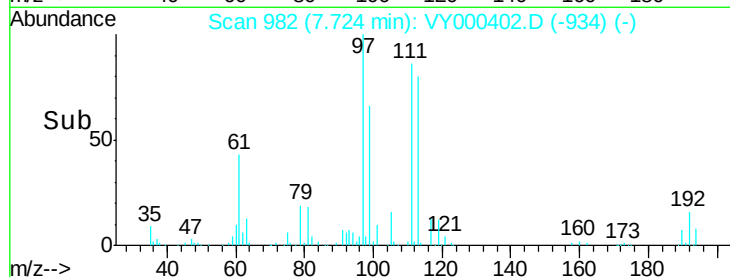
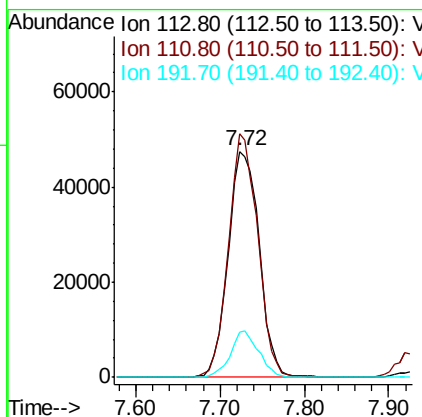
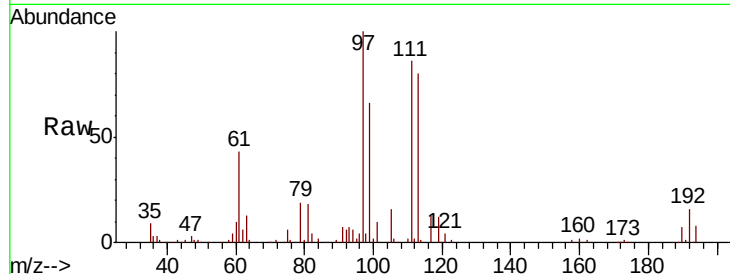
#35
 Dibromofluoromethane
 Concen: 53.255 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: VY000402.D
 Acq: 24 Oct 2019 12:00

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.5	81.6	122.4
192	18.7	15.3	22.9

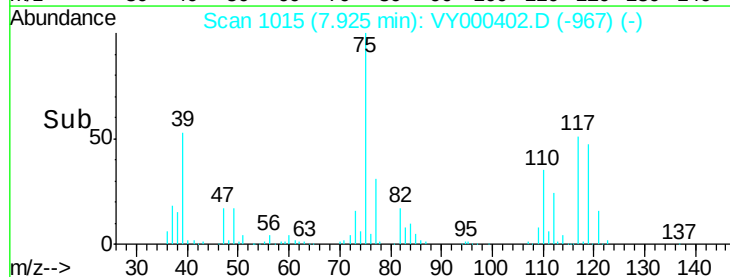
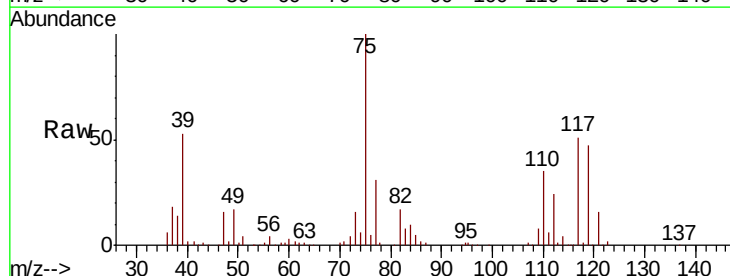
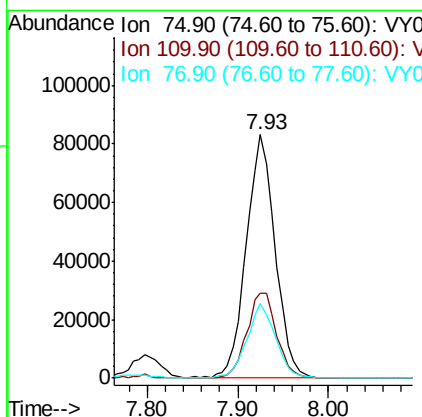
Manual Integrations
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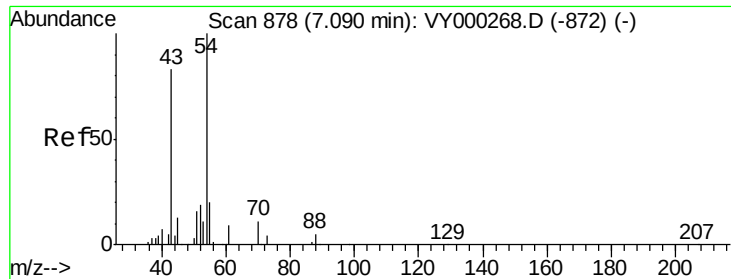
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#36
 1,1-Dichloropropene
 Concen: 50.601 ug/l
 RT: 7.93 min Scan# 1015
 Delta R.T. -0.01 min
 Lab File: VY000402.D
 Acq: 24 Oct 2019 12:00

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.9	18.4	55.4
77	30.3	25.0	37.6





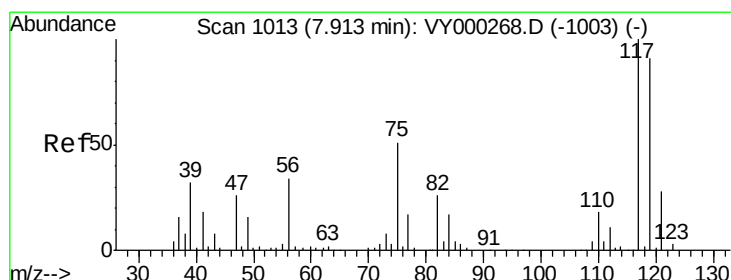
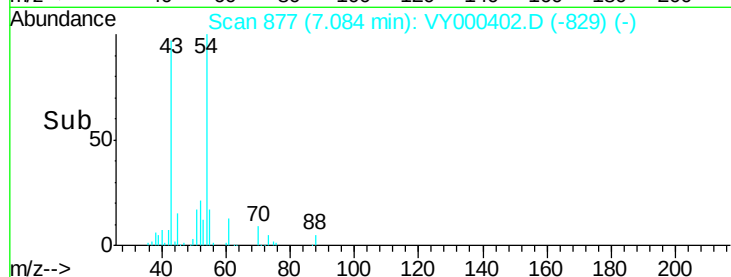
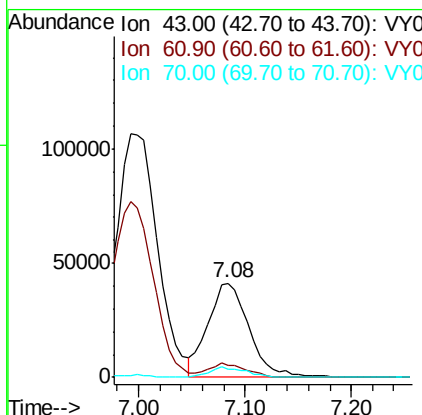
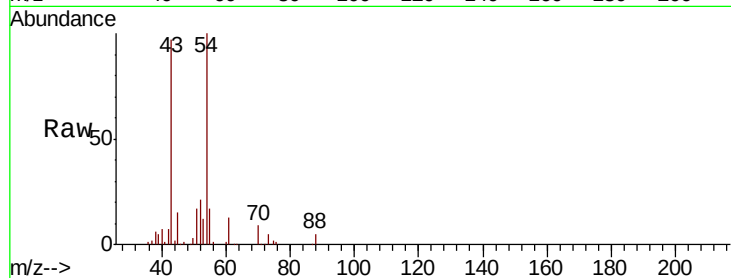
#37
Ethyl Acetate
Concen: 50.950 ug/l
RT: 7.08 min Scan# 877
Delta R.T. -0.01 min
Lab File: VY000402.D
Acq: 24 Oct 2019 12:00

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.0	12.1	18.1
70	10.0	8.7	13.1

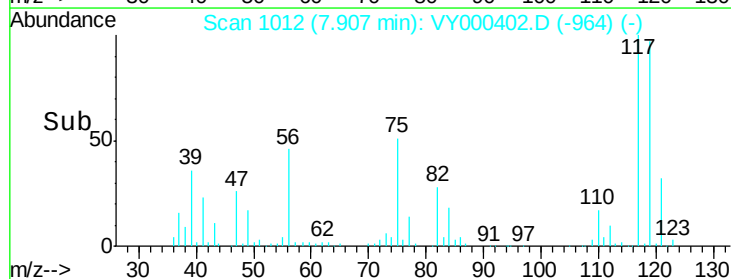
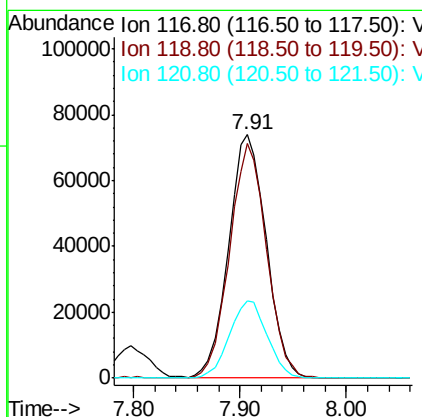
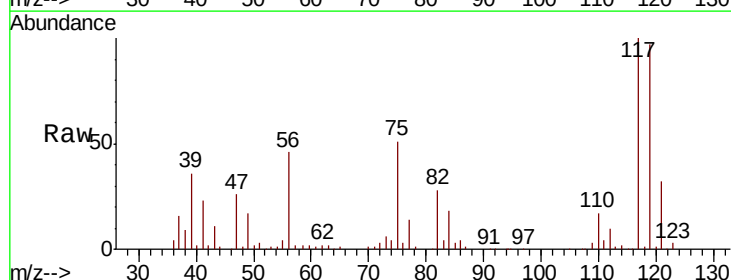
Manual Integrations
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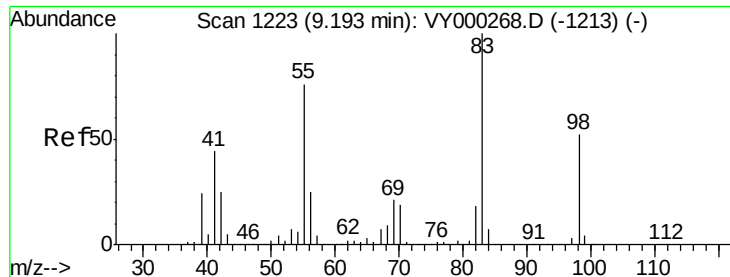
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#38
Carbon Tetrachloride
Concen: 52.160 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.01 min
Lab File: VY000402.D
Acq: 24 Oct 2019 12:00

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.6	72.8	109.2
121	31.9	22.2	33.2





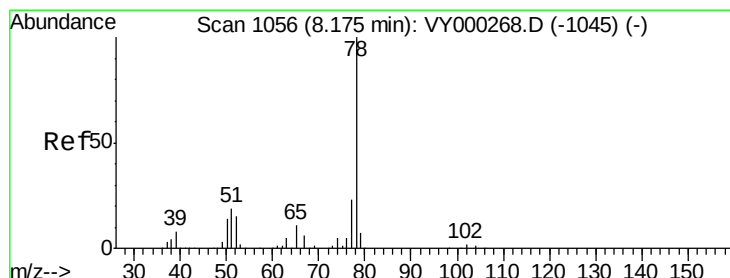
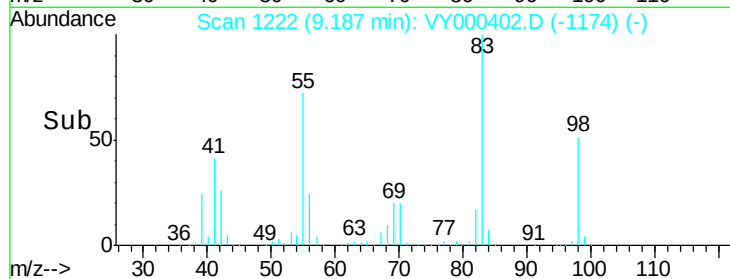
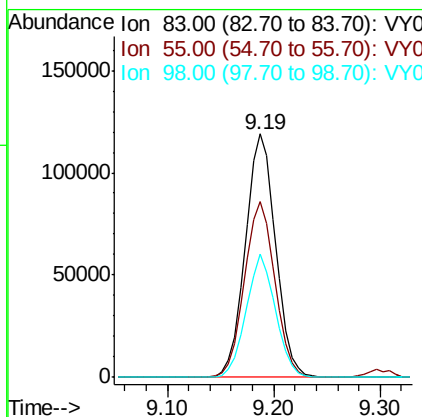
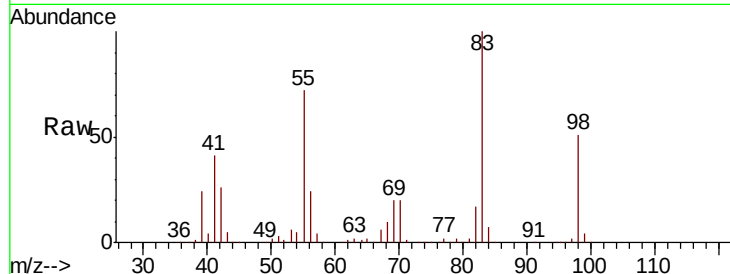
#39
Methylvlcyclohexane
Concen: 49.928 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.01 min
Lab File: VY000402.D
Acq: 24 Oct 2019 12:00

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	72.4	60.9	91.3	
98	50.6	41.8	62.6	

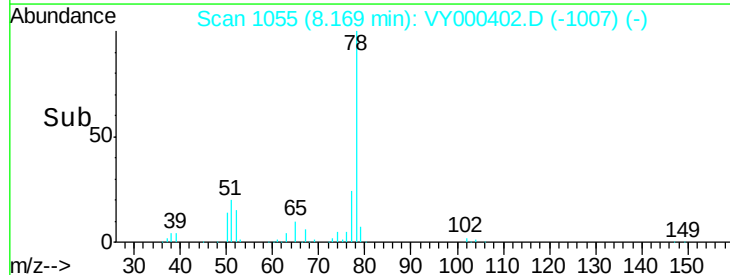
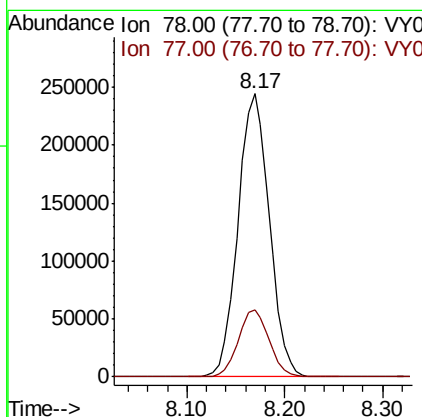
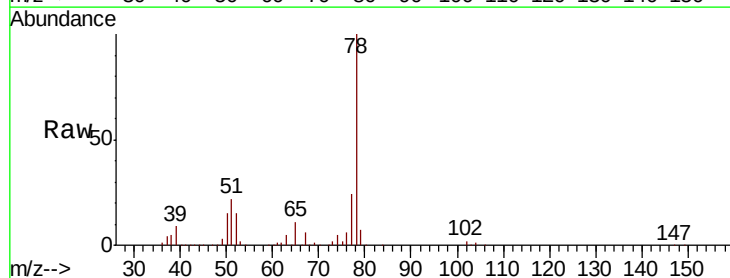
Manual Integrations
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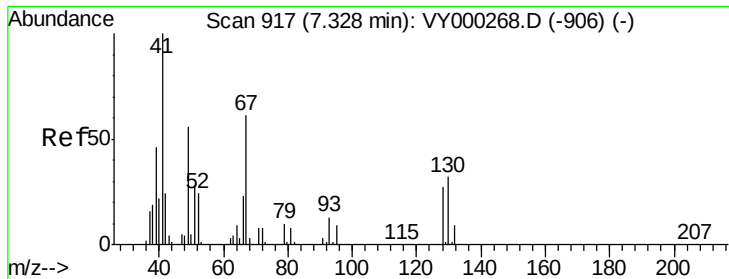
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#40
Benzene
Concen: 51.878 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.01 min
Lab File: VY000402.D
Acq: 24 Oct 2019 12:00

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	23.8	18.8	28.2	





#41

Methacrylonitrile

Concen: 53.058 ug/l m

RT: 7.32 min Scan# 916

Delta R.T. -0.01 min

Lab File: VY000402.D

Acq: 24 Oct 2019 12:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 41 Resp: 54181

Ion Ratio Lower Upper

41 100

39 133.2 110.2 165.2

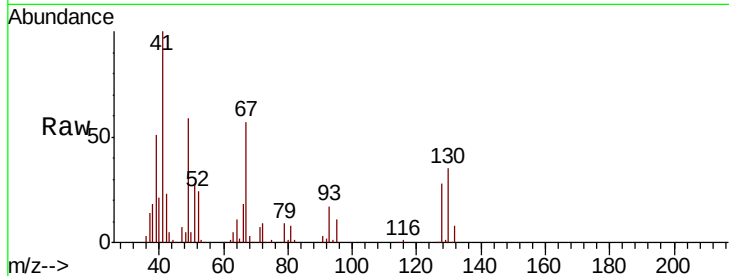
67 0.0 0.0 0.0

52 0.0 0.0 0.0

Manual Integrations
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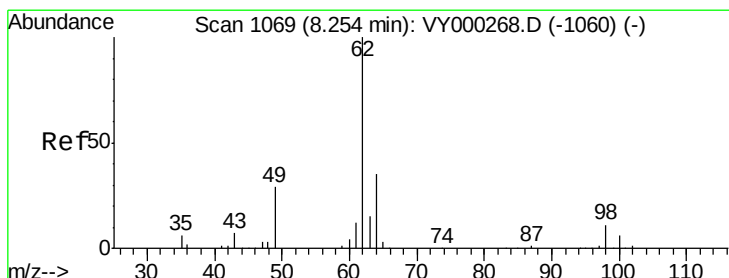
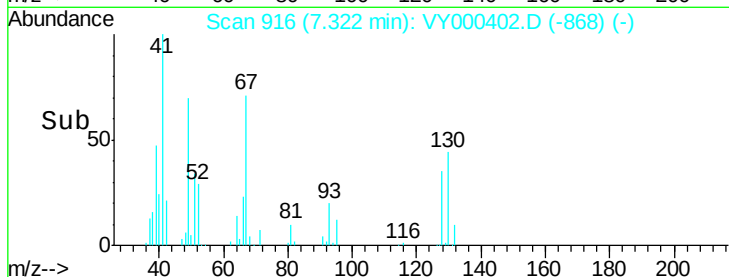
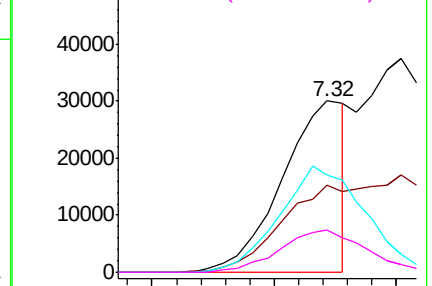


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 67.00 (66.70 to 67.70): VY0

Ion 52.00 (51.70 to 52.70): VY0



#42

1,2-Dichloroethane

Concen: 52.630 ug/l

RT: 8.25 min Scan# 1068

Delta R.T. -0.01 min

Lab File: VY000402.D

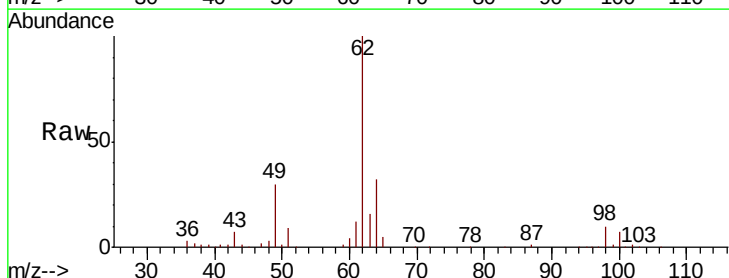
Acq: 24 Oct 2019 12:00

Tgt Ion: 62 Resp: 157408

Ion Ratio Lower Upper

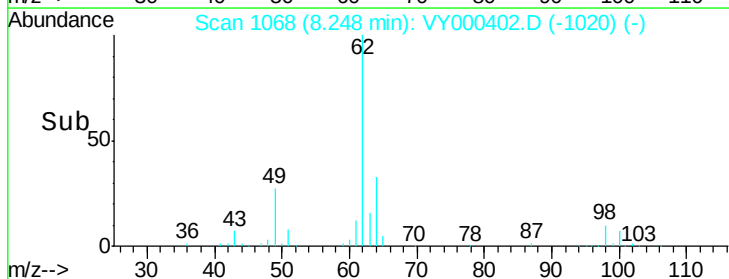
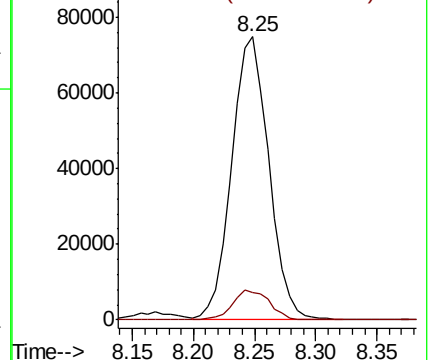
62 100

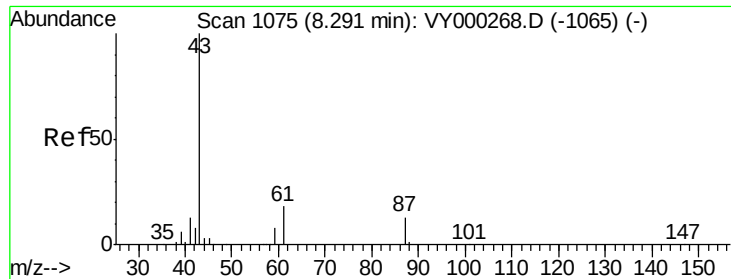
98 10.6 0.0 20.6



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 97.90 (97.60 to 98.60): VY0





#43

Isopropyl Acetate

Concen: 52.066 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. -0.01 min

Lab File: VY000402.D

Acq: 24 Oct 2019 12:00

Instrument :

MSVOA_Y

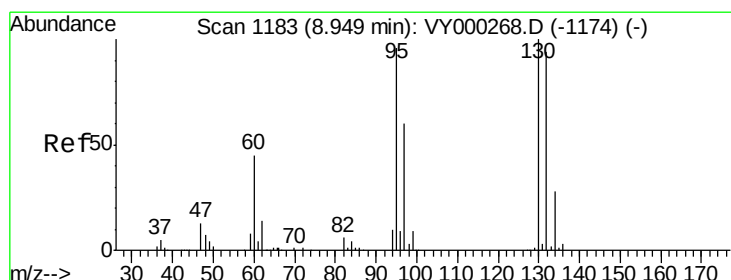
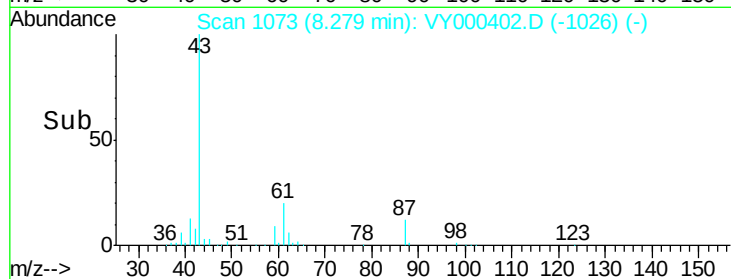
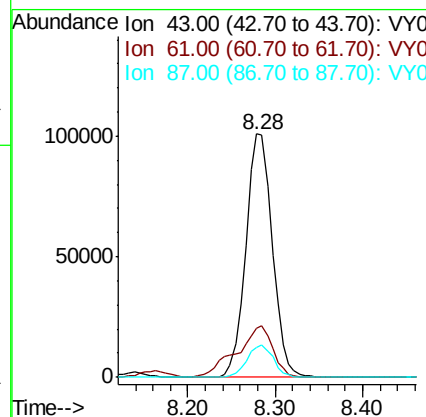
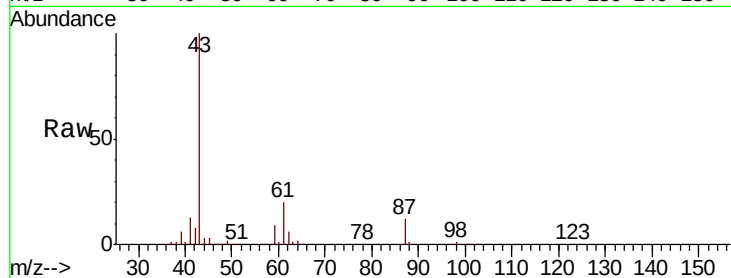
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	212383
Ion	Ratio	Lower	Upper
43	100		
61	28.8	22.3	33.5
87	13.2	10.9	16.3

Manual Integrations
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#44

Trichloroethene

Concen: 50.546 ug/l

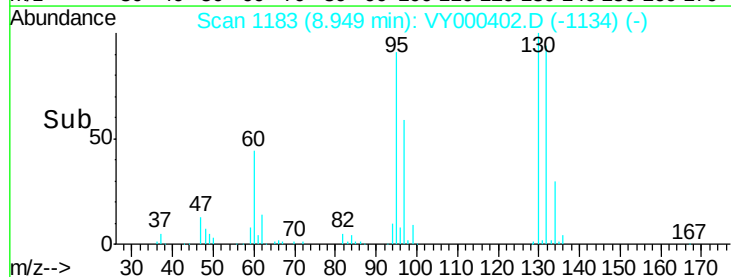
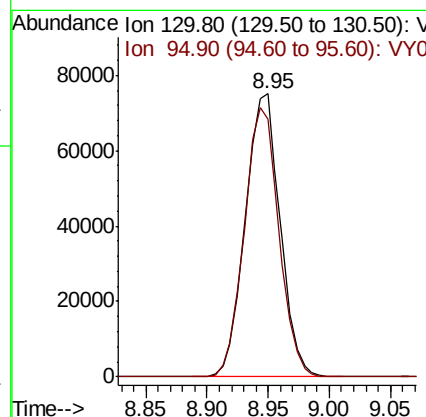
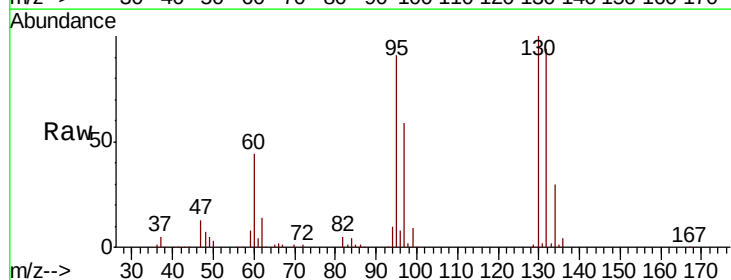
RT: 8.95 min Scan# 1183

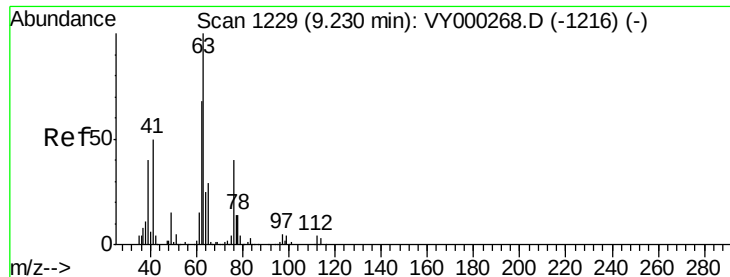
Delta R.T. -0.00 min

Lab File: VY000402.D

Acq: 24 Oct 2019 12:00

Tgt Ion:	130	Resp:	148496
Ion	Ratio	Lower	Upper
130	100		
95	90.9	0.0	191.4





#45

1,2-Dichloropropane

Concen: 52.428 ug/l

RT: 9.22 min Scan# 1228

Delta R.T. -0.01 min

Lab File: VY000402.D

Acq: 24 Oct 2019 12:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 134711

Ion Ratio Lower Upper

63 100

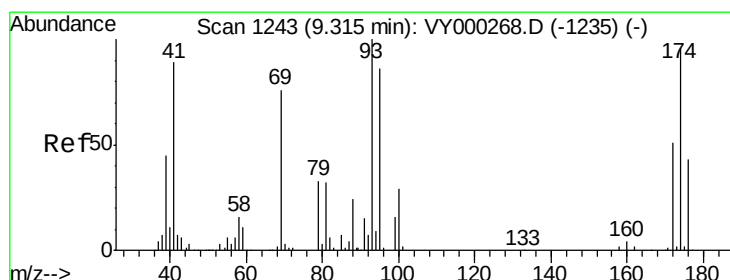
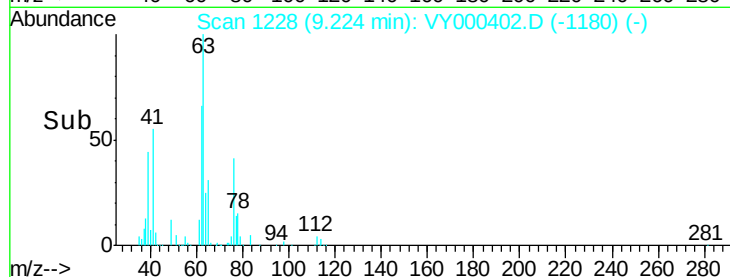
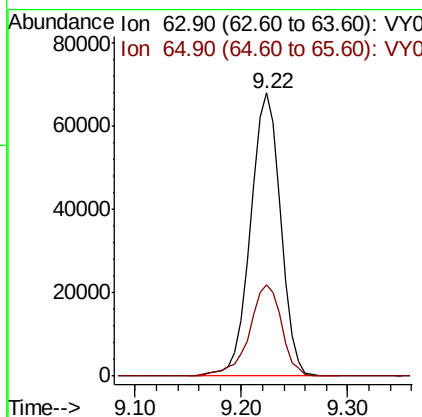
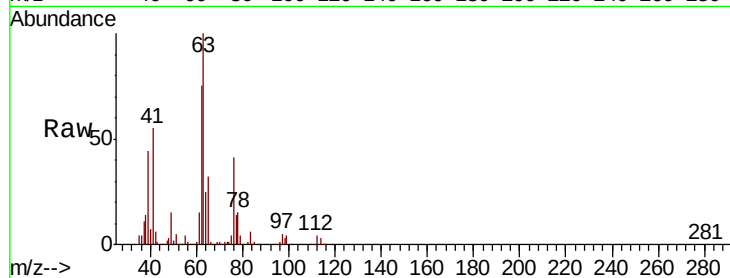
65 32.4 23.2 34.8

Manual Integrations

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#46

Dibromomethane

Concen: 51.391 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. -0.01 min

Lab File: VY000402.D

Acq: 24 Oct 2019 12:00

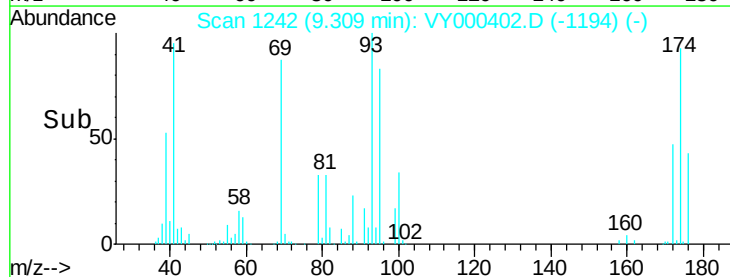
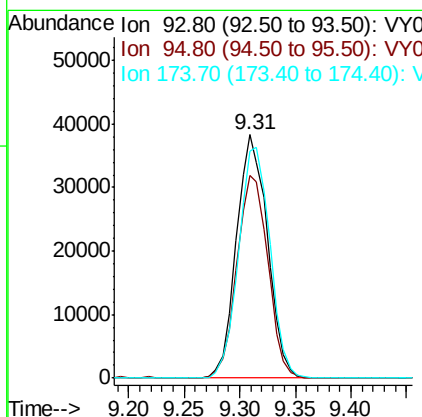
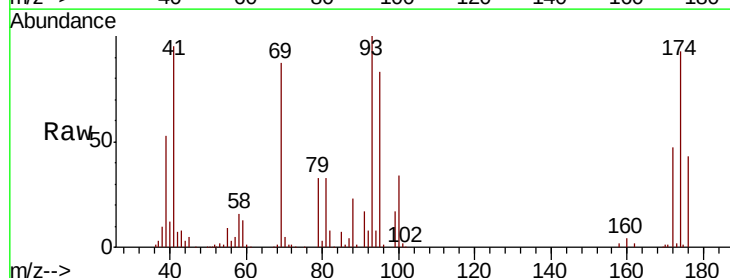
Tgt Ion: 93 Resp: 73816

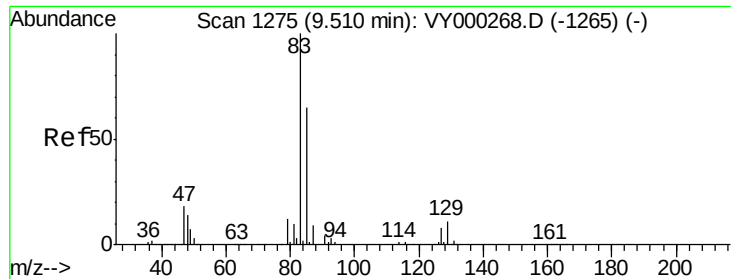
Ion Ratio Lower Upper

93 100

95 83.4 68.2 102.2

174 96.6 79.8 119.6





#47

Bromodichloromethane

Concen: 54.147 ug/l

RT: 9.50 min Scan# 1274

Delta R.T. -0.01 min

Lab File: VY000402.D

Acq: 24 Oct 2019 12:00

Instrument :

MSVOA_Y

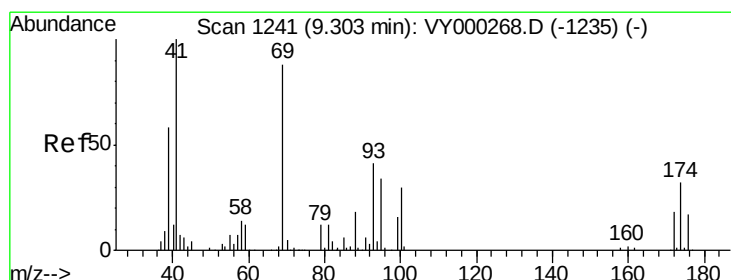
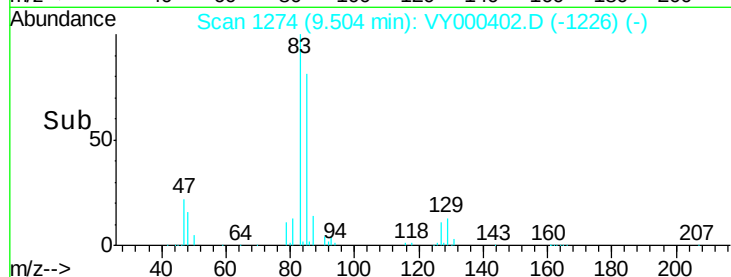
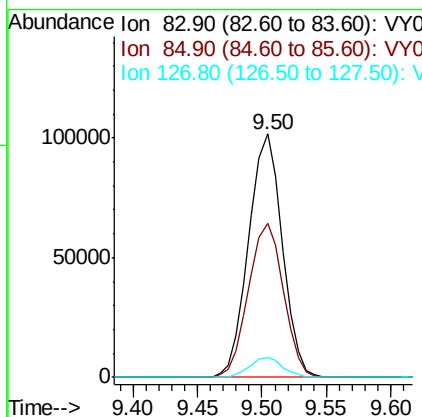
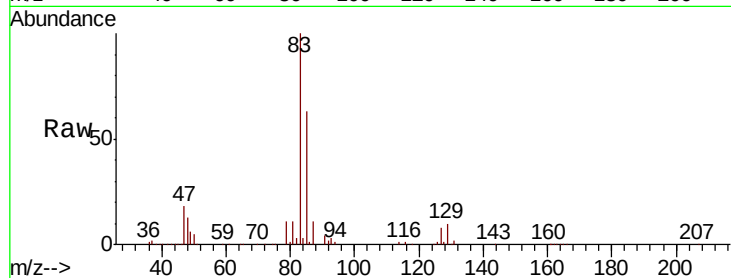
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	183295
Ion	Ratio	Lower	Upper
83	100		
85	63.4	52.2	78.2
127	8.3	6.3	9.5

Manual Integrations
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#48

Methyl methacrylate

Concen: 53.446 ug/l

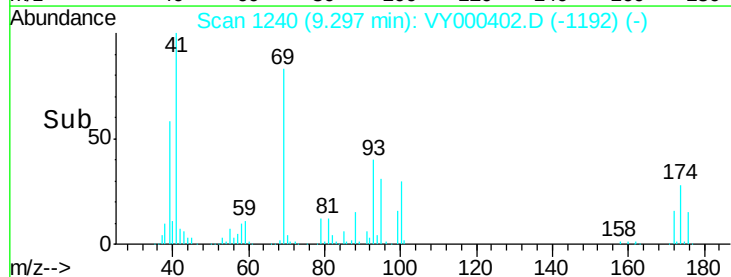
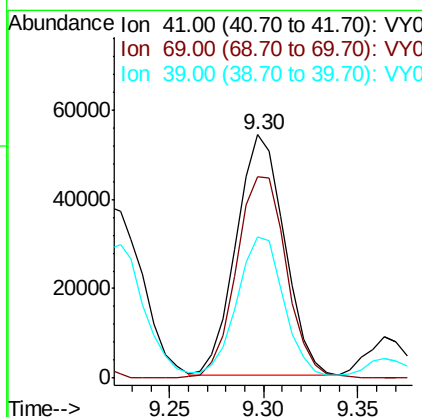
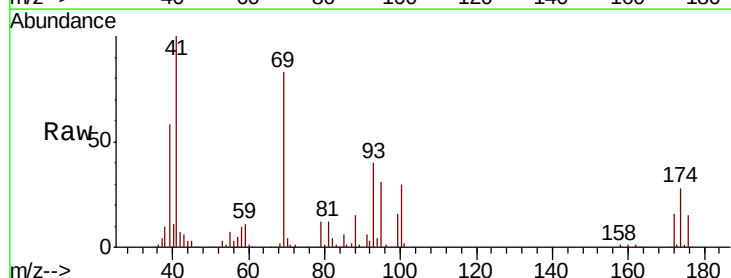
RT: 9.30 min Scan# 1240

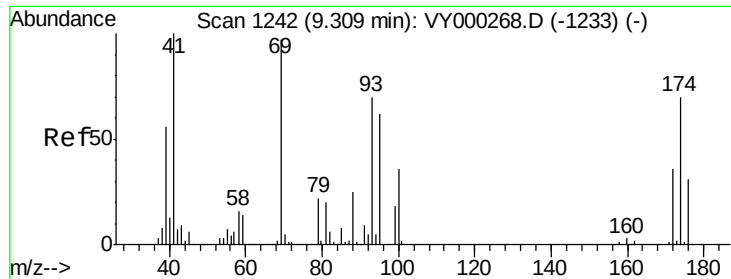
Delta R.T. -0.01 min

Lab File: VY000402.D

Acq: 24 Oct 2019 12:00

Tgt Ion:	41	Resp:	95544
Ion	Ratio	Lower	Upper
41	100		
69	87.4	70.0	105.0
39	55.2	47.7	71.5





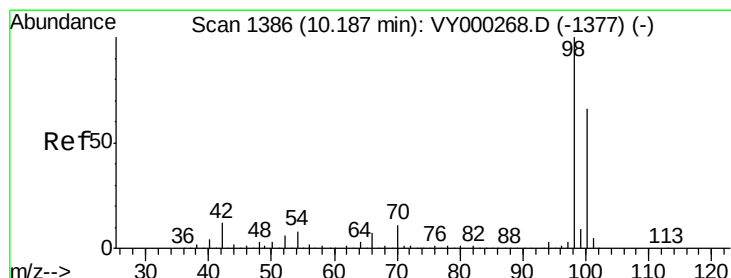
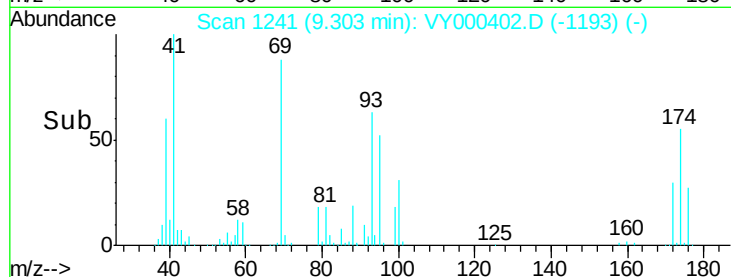
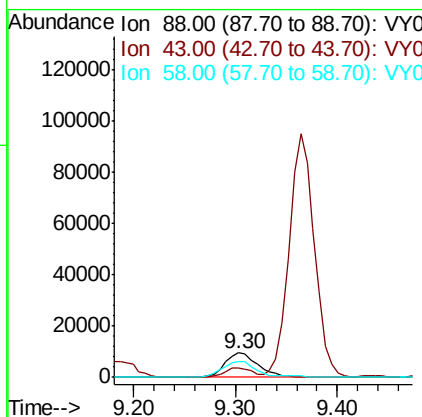
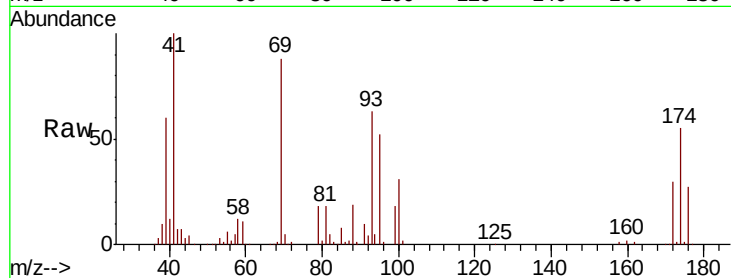
#49
 1,4-Dioxane
 Concen: 1005.215 ug/l
 RT: 9.30 min Scan# 1241
 Delta R.T. -0.01 min
 Lab File: VY000402.D
 Acq: 24 Oct 2019 12:00

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	88	Resp	21649
Ion Ratio	Lower	Upper	
88	100		
43	33.6	25.6	38.4
58	64.0	54.6	81.8

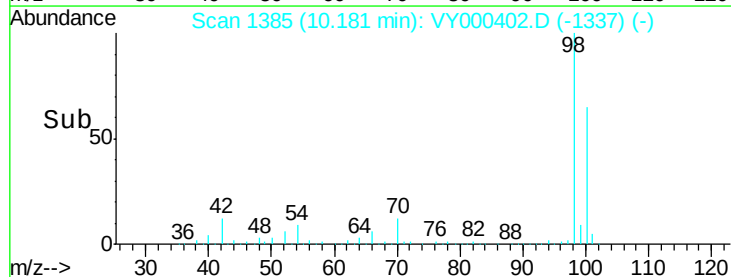
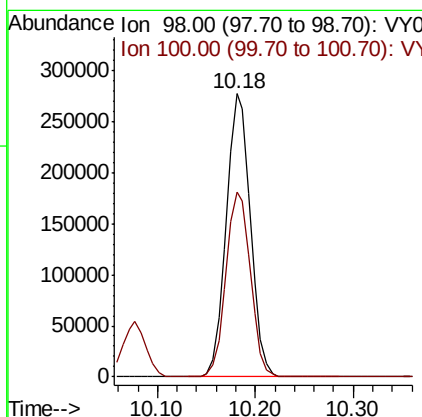
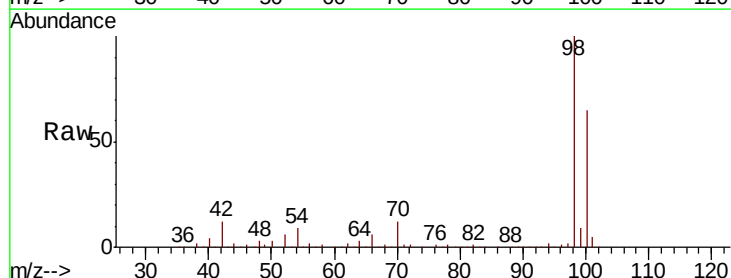
Manual Integrations
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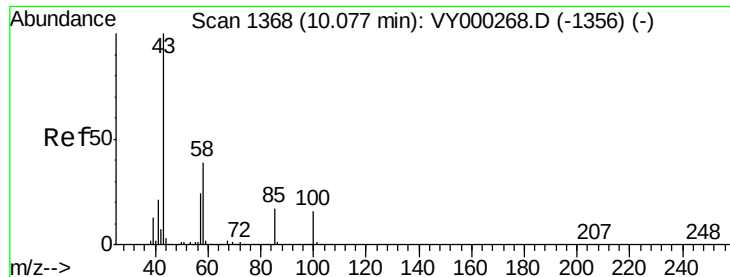
MMDadoda
 10/25/2019 4:46:23 PM



#50
 Toluene-d8
 Concen: 55.004 ug/l
 RT: 10.18 min Scan# 1385
 Delta R.T. -0.01 min
 Lab File: VY000402.D
 Acq: 24 Oct 2019 12:00

Tgt Ion	98	Resp	472311
Ion Ratio	Lower	Upper	
98	100		
100	66.3	52.8	79.2





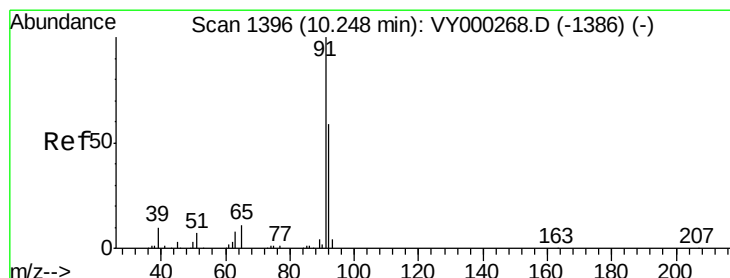
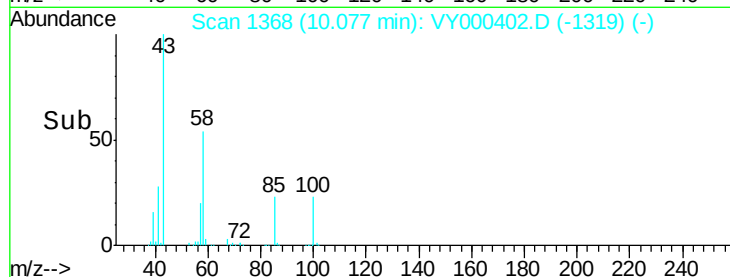
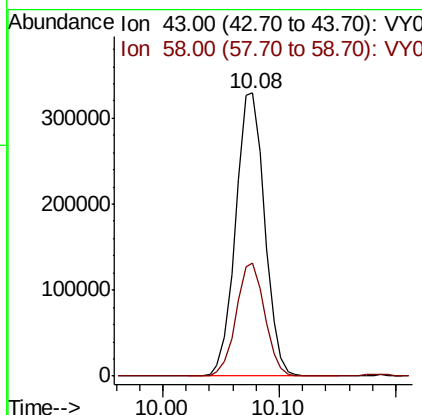
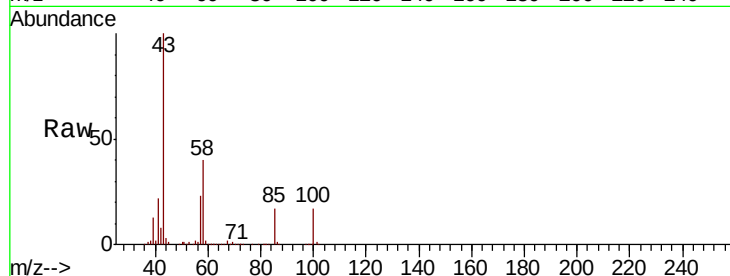
#51
 4-Methyl-2-Pentanone
 Concen: 273.314 ug/l
 RT: 10.08 min Scan# 1368
 Delta R.T. -0.00 min
 Lab File: VY000402.D
 Acq: 24 Oct 2019 12:00

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
58	39.3	31.0	46.6

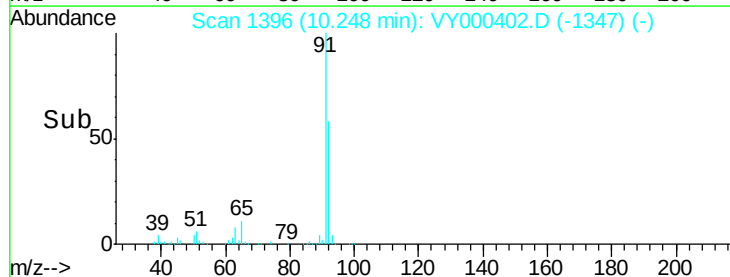
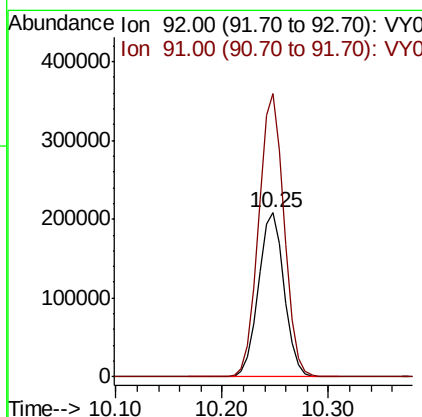
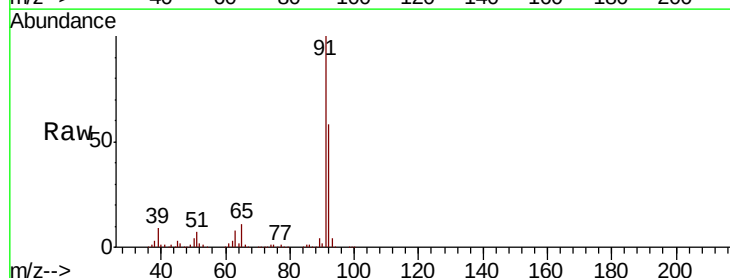
Manual Integrations
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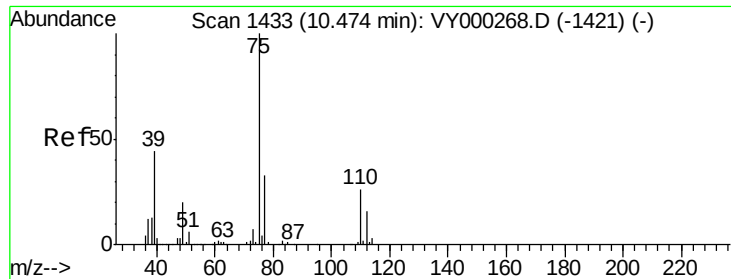
MMDadoda
 10/25/2019 4:46:23 PM



#52
 Toluene
 Concen: 52.933 ug/l
 RT: 10.25 min Scan# 1396
 Delta R.T. -0.00 min
 Lab File: VY000402.D
 Acq: 24 Oct 2019 12:00

Tgt Ion	Ratio	Lower	Upper
92	100		
91	170.8	136.6	205.0





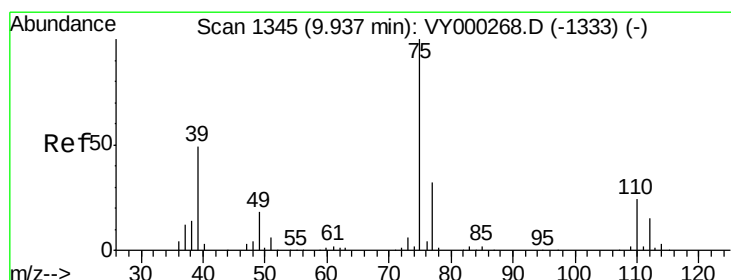
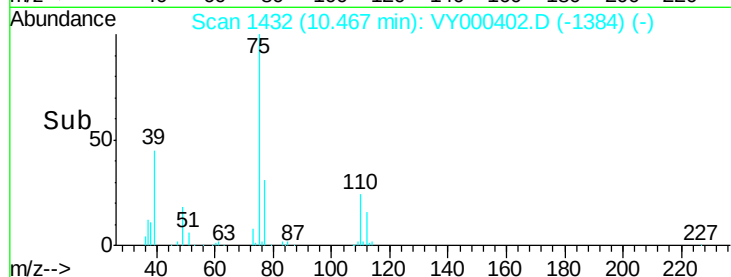
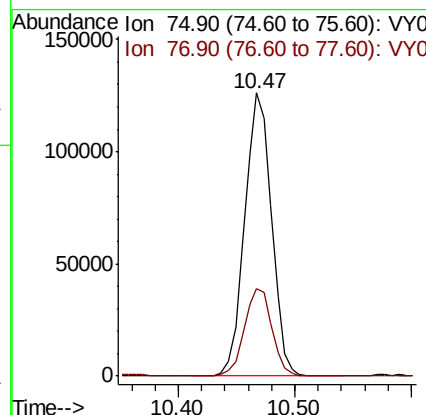
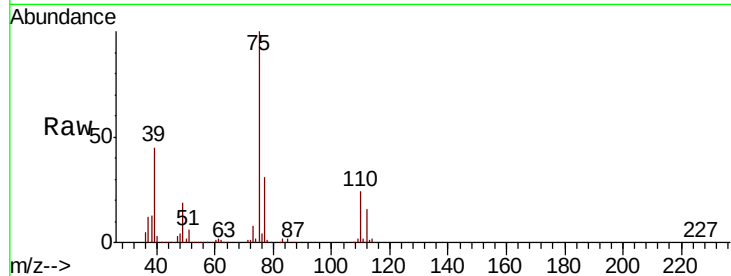
#53
t-1,3-Dichloropropene
Concen: 56.000 ug/l
RT: 10.47 min Scan# 1432
Delta R.T. -0.01 min
Lab File: VY000402.D
Acq: 24 Oct 2019 12:00

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 75 Resp: 203160
Ion Ratio Lower Upper
75 100
77 30.9 26.0 39.0

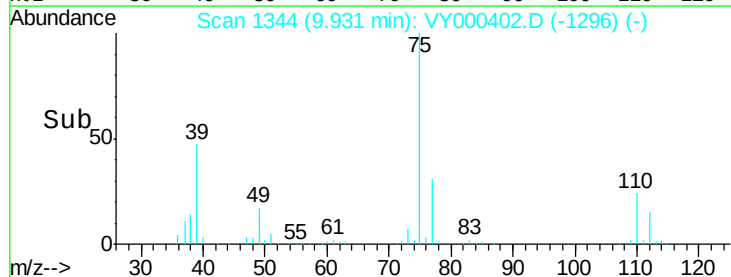
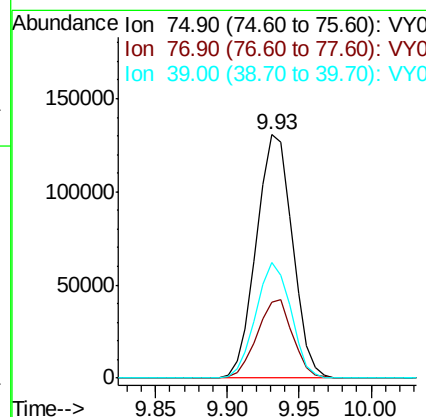
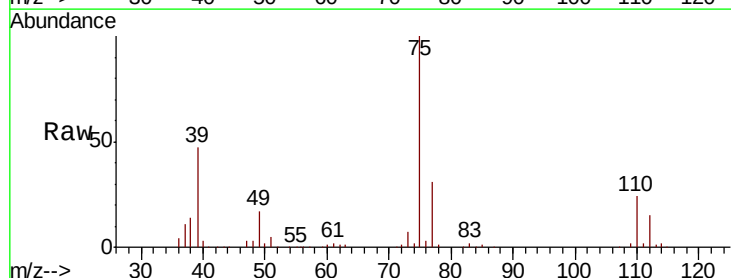
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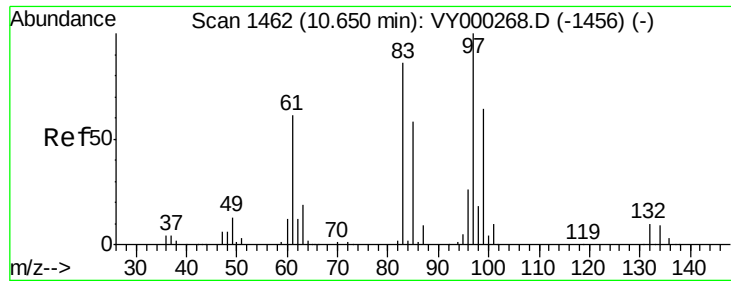
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 54.947 ug/l
RT: 9.93 min Scan# 1344
Delta R.T. -0.01 min
Lab File: VY000402.D
Acq: 24 Oct 2019 12:00

Tgt Ion: 75 Resp: 226376
Ion Ratio Lower Upper
75 100
77 31.2 26.0 39.0
39 47.5 38.8 58.2





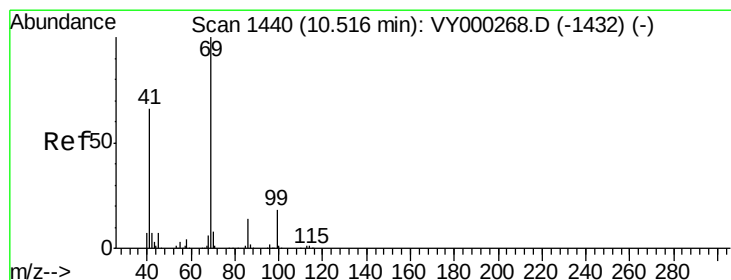
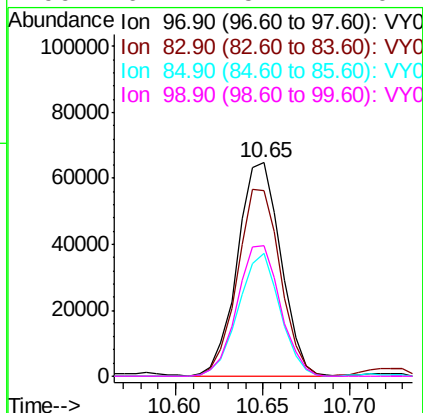
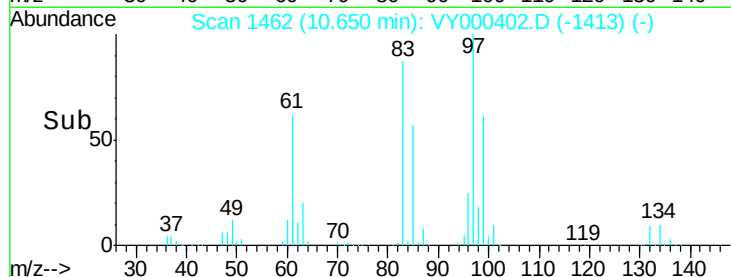
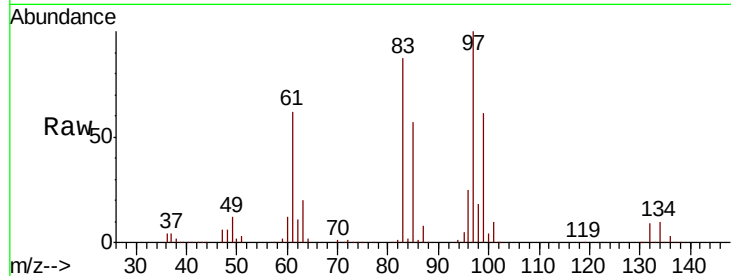
#55
1,1,2-Trichloroethane
Concen: 53.631 ug/l
RT: 10.65 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VY000402.D
Acq: 24 Oct 2019 12:00

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
97	100			
83	86.7	69.0	103.6	
85	57.4	46.2	69.4	
99	61.2	51.1	76.7	

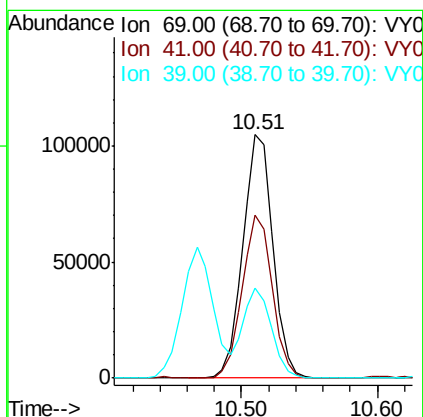
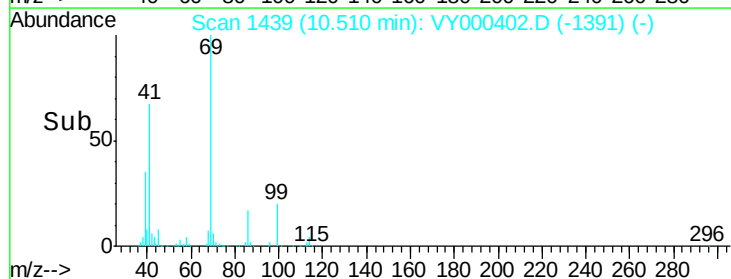
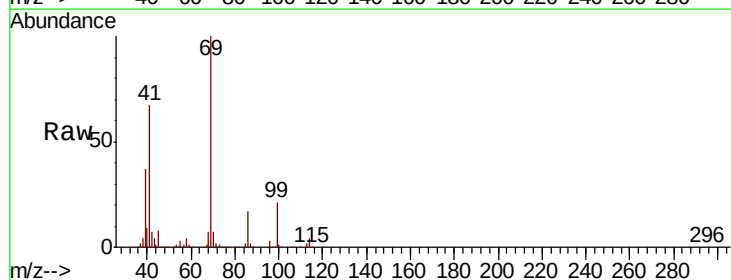
Manual Integrations
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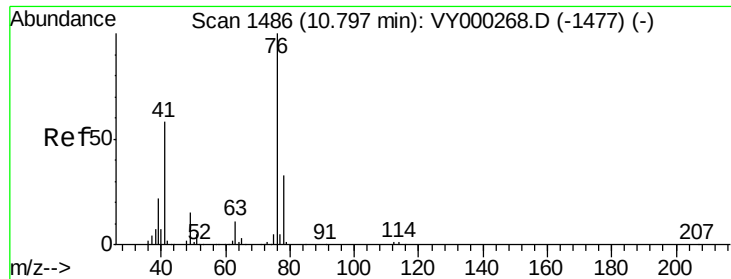
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#56
Ethyl methacrylate
Concen: 54.419 ug/l
RT: 10.51 min Scan# 1439
Delta R.T. -0.01 min
Lab File: VY000402.D
Acq: 24 Oct 2019 12:00

Tgt Ion	Ion	Ratio	Lower	Upper
69	100			
41	66.4	52.5	78.7	
39	35.0	26.7	40.1	





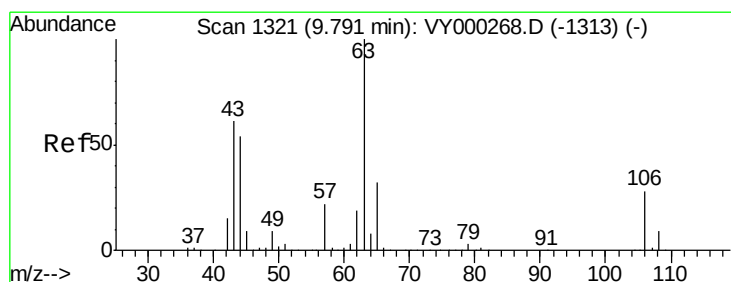
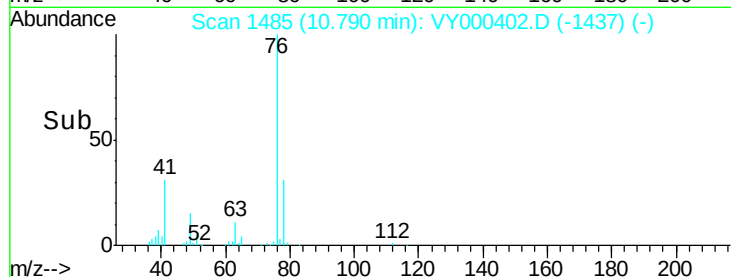
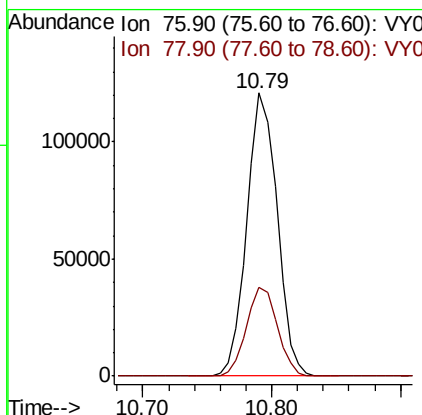
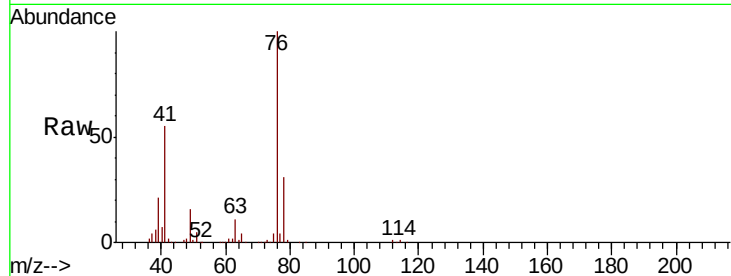
#57
 1,3-Dichloropropane
 Concen: 54.717 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. -0.01 min
 Lab File: VY000402.D
 Acq: 24 Oct 2019 12:00

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.1	26.2	39.2

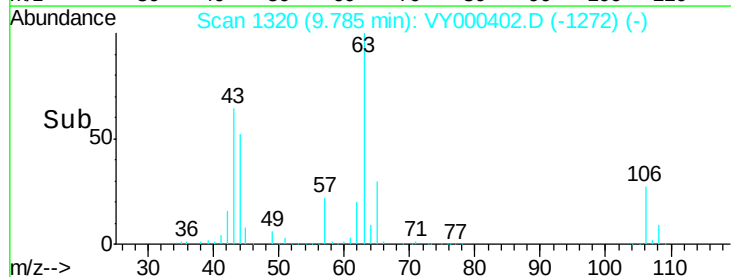
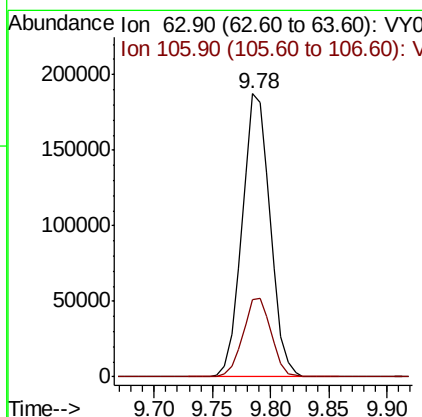
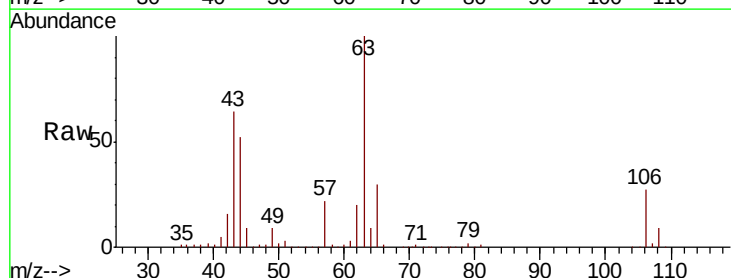
Manual Integrations
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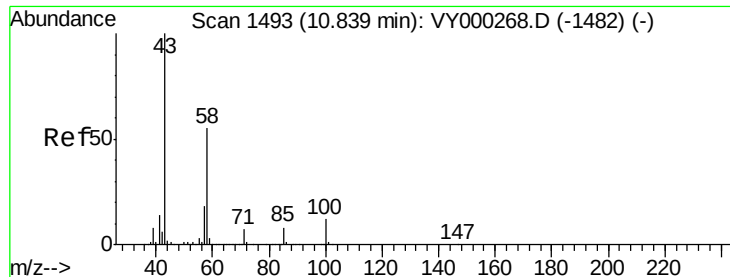
MMDadoda
 10/25/2019 4:46:23 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 264.700 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. -0.01 min
 Lab File: VY000402.D
 Acq: 24 Oct 2019 12:00

Tgt Ion	Ratio	Lower	Upper
63	100		
106	27.9	23.0	34.4





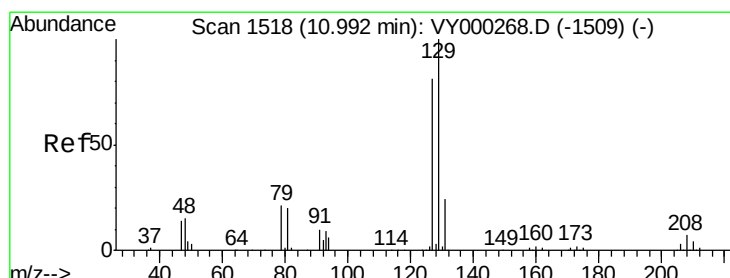
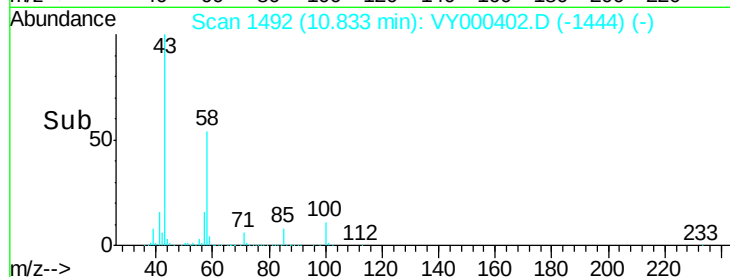
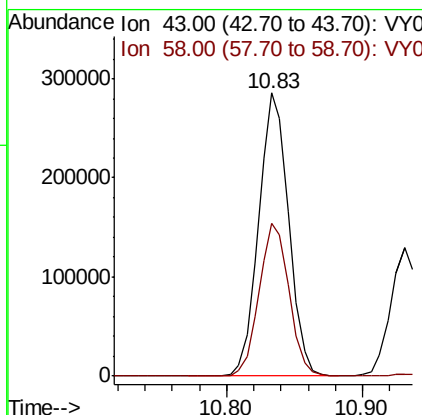
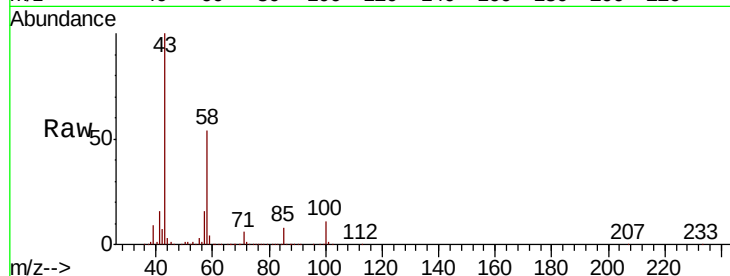
#59
2-Hexanone
Concen: 299.752 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.01 min
Lab File: VY000402.D
Acq: 24 Oct 2019 12:00

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 442662
Ion Ratio Lower Upper
43 100
58 54.1 27.7 83.1

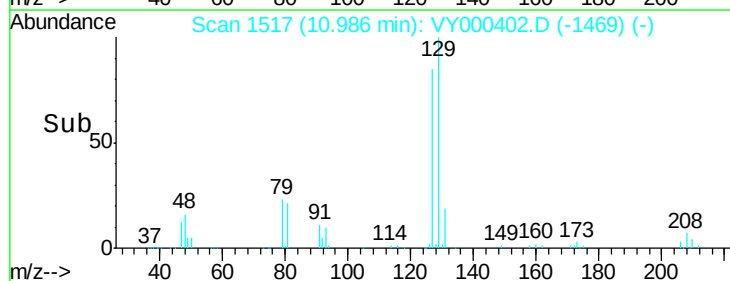
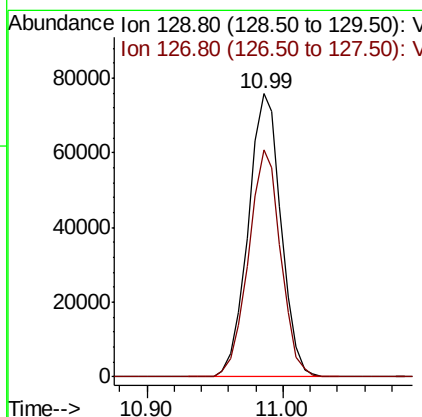
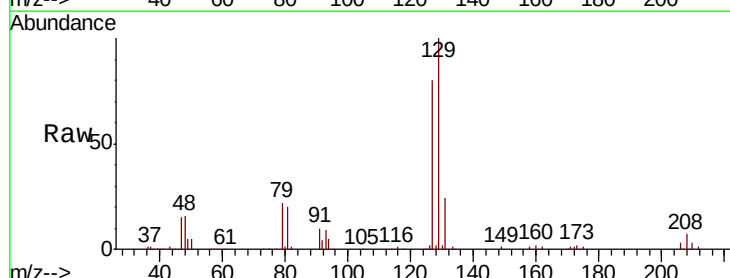
Manual Integrations
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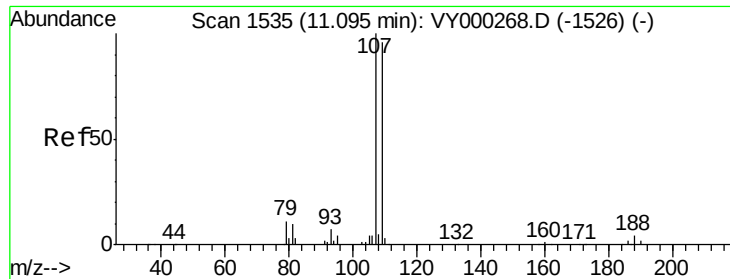
MMDadoda
10/25/2019 4:46:23 PM



#60
Dibromochloromethane
Concen: 55.390 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.01 min
Lab File: VY000402.D
Acq: 24 Oct 2019 12:00

Tgt Ion: 129 Resp: 128215
Ion Ratio Lower Upper
129 100
127 78.8 39.9 119.7





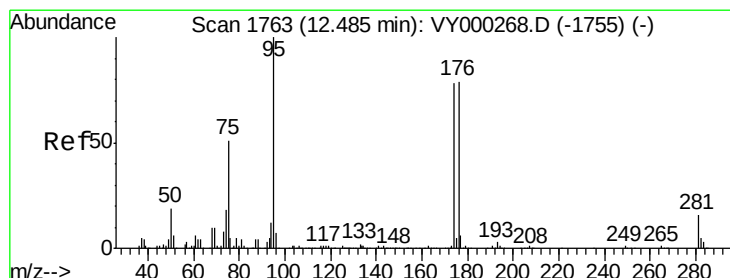
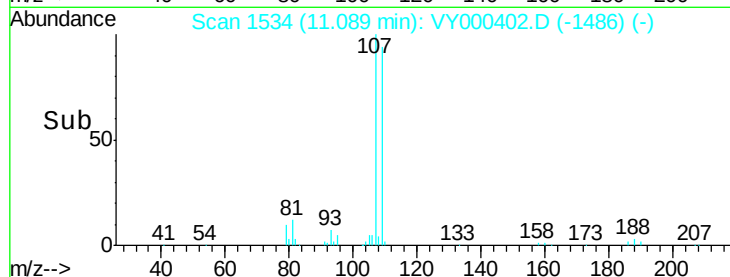
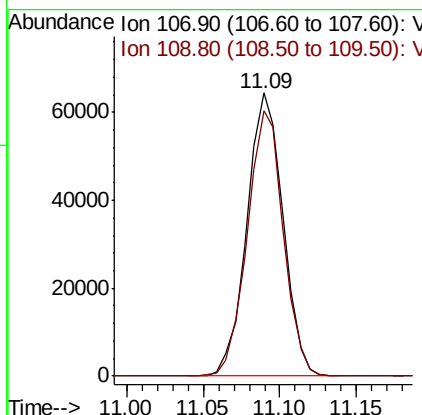
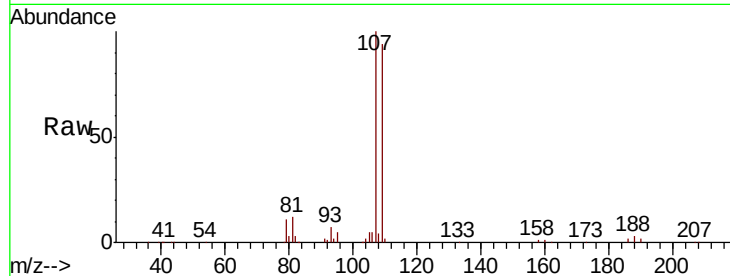
#61
 1,2-Dibromoethane
 Concen: 52.666 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.01 min
 Lab File: VY000402.D
 Acq: 24 Oct 2019 12:00

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.7	75.1	112.7

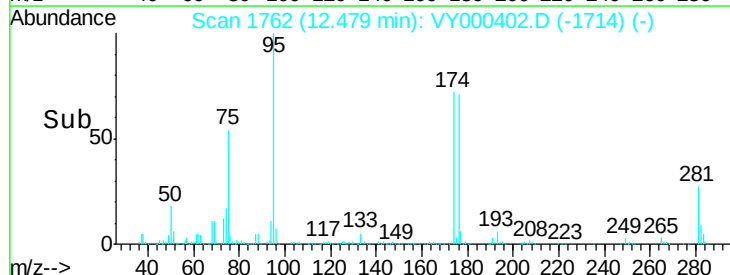
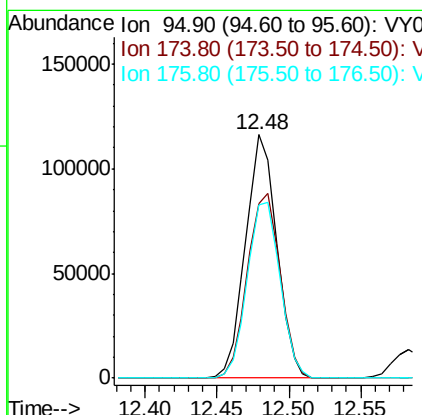
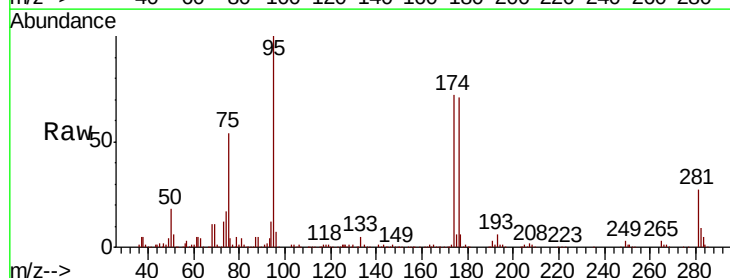
Manual Integrations
 APPROVED

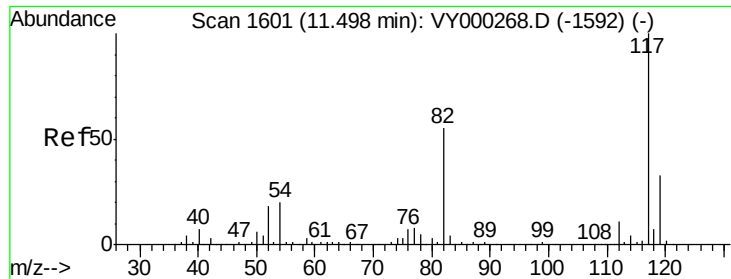
MMDadoda
 10/25/2019 4:46:23 PM



#62
 4-Bromofluorobenzene
 Concen: 53.583 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.01 min
 Lab File: VY000402.D
 Acq: 24 Oct 2019 12:00

Tgt Ion	Ratio	Lower	Upper
95	100		
174	79.2	0.0	159.6
176	75.8	0.0	153.8





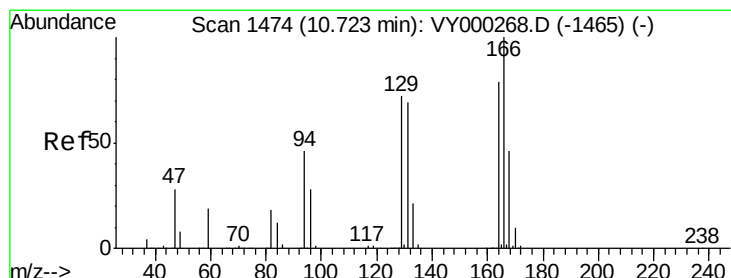
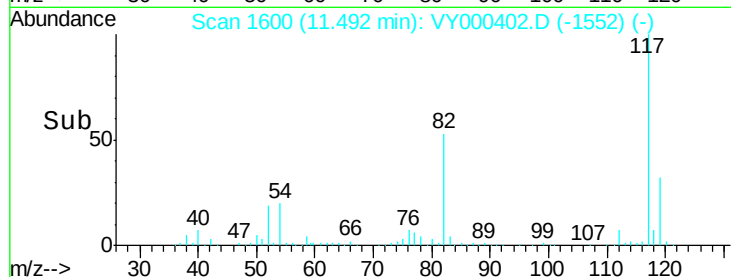
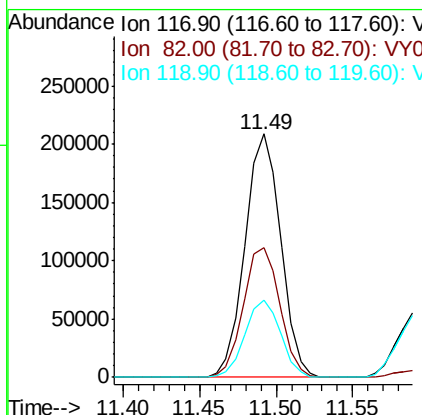
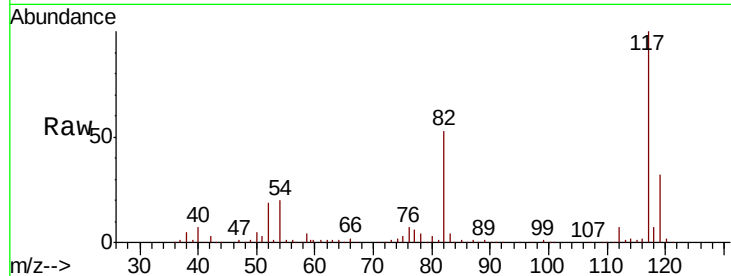
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY000402.D
Acq: 24 Oct 2019 12:00

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.0	43.7	65.5
119	32.0	26.6	39.8

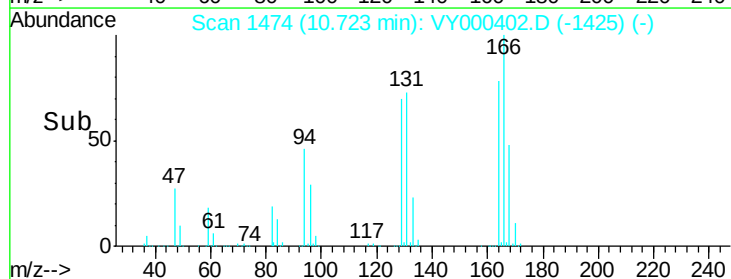
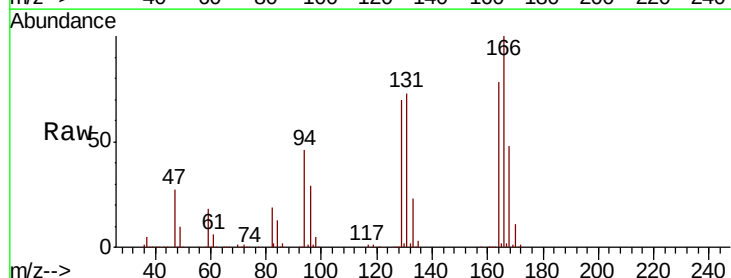
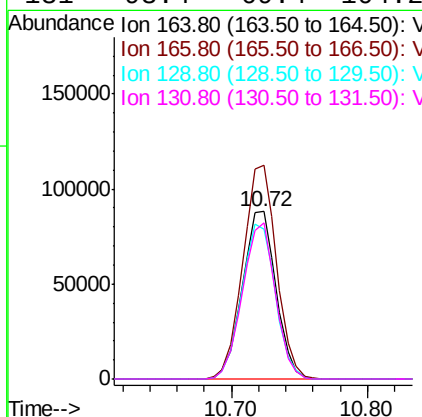
Manual Integrations
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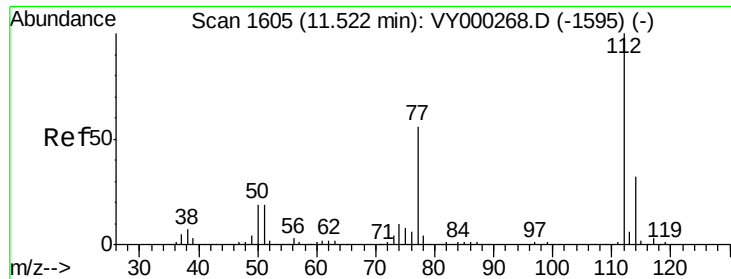
MMDadoda
10/25/2019 4:46:23 PM



#64
Tetrachloroethene
Concen: 47.190 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VY000402.D
Acq: 24 Oct 2019 12:00

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.6	100.6	151.0
129	89.9	72.8	109.2
131	93.4	69.4	104.2





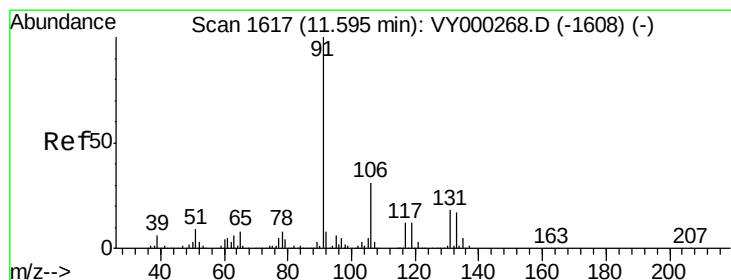
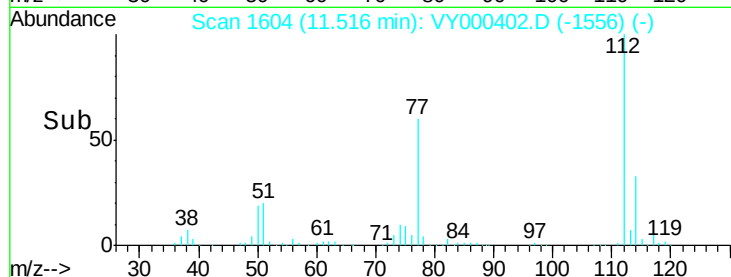
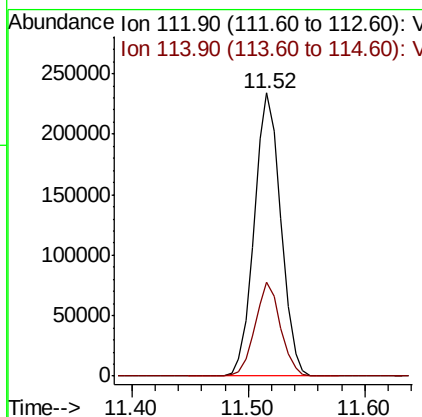
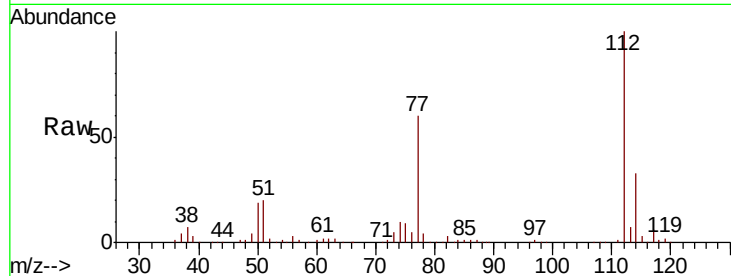
#65
Chlorobenzene
Concen: 52.028 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.01 min
Lab File: VY000402.D
Acq: 24 Oct 2019 12:00

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 372182
Ion Ratio Lower Upper
112 100
114 33.3 25.7 38.5

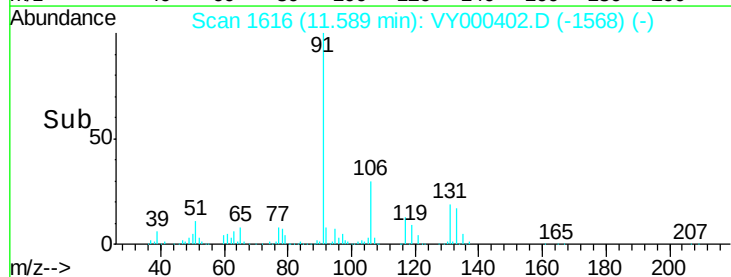
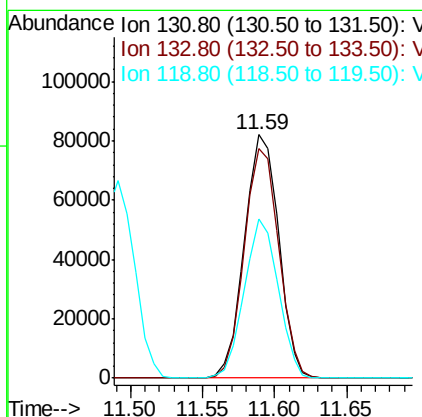
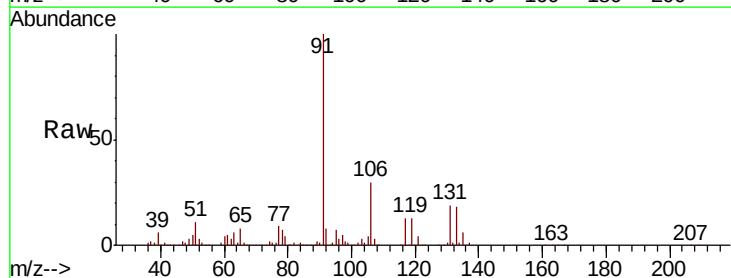
Manual Integrations
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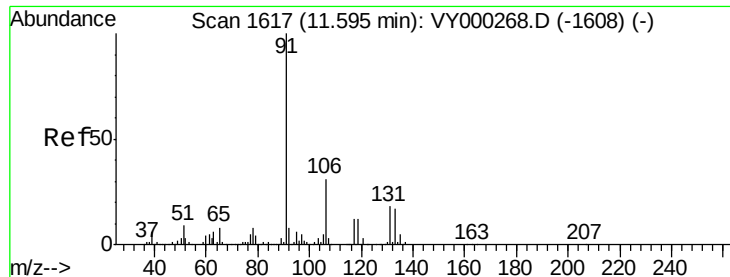
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 53.850 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.01 min
Lab File: VY000402.D
Acq: 24 Oct 2019 12:00

Tgt Ion:131 Resp: 135317
Ion Ratio Lower Upper
131 100
133 95.0 47.2 141.6
119 64.7 32.6 98.0





#67

Ethyl Benzene

Concen: 52.423 ug/l

RT: 11.60 min Scan# 1617

Delta R.T. -0.00 min

Lab File: VY000402.D

Acq: 24 Oct 2019 12:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 695174

Ion Ratio Lower Upper

91 100

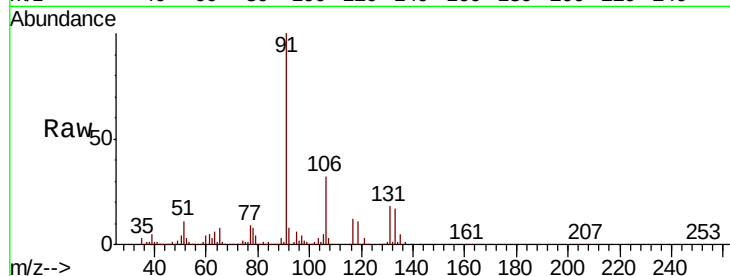
106 32.1 25.0 37.6

Manual Integrations

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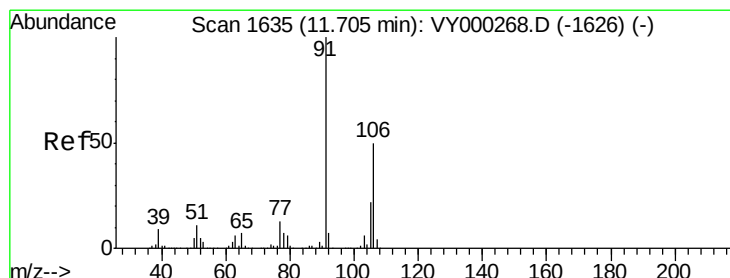
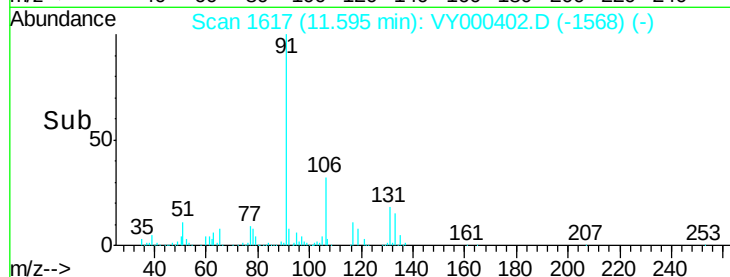
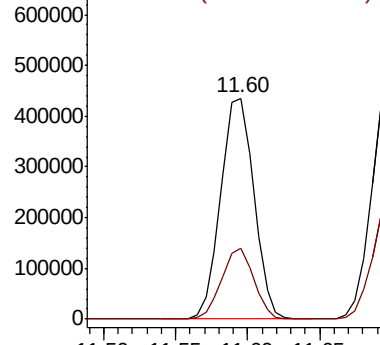
MMDadoda

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Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 104.206 ug/l

RT: 11.70 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VY000402.D

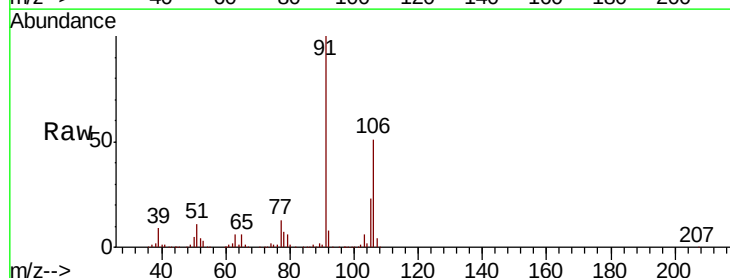
Acq: 24 Oct 2019 12:00

Tgt Ion: 106 Resp: 528266

Ion Ratio Lower Upper

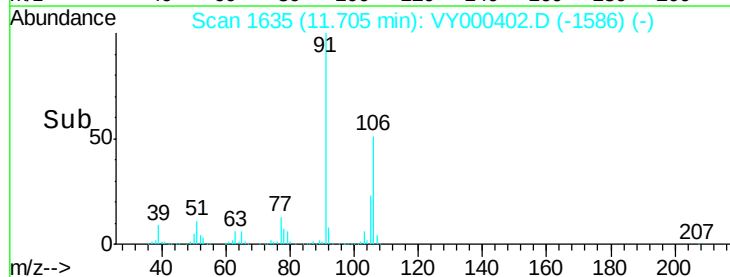
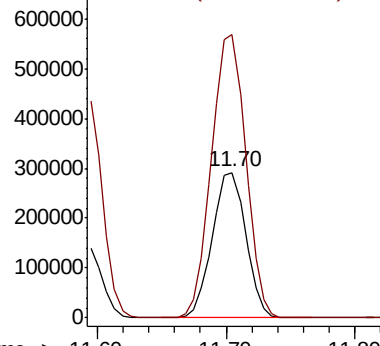
106 100

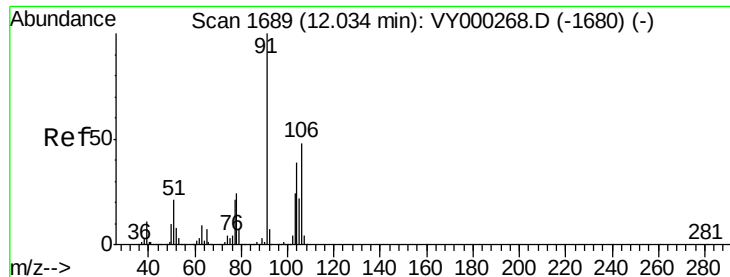
91 198.8 157.5 236.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VY0





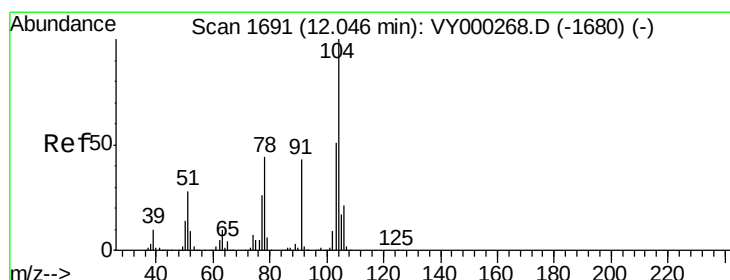
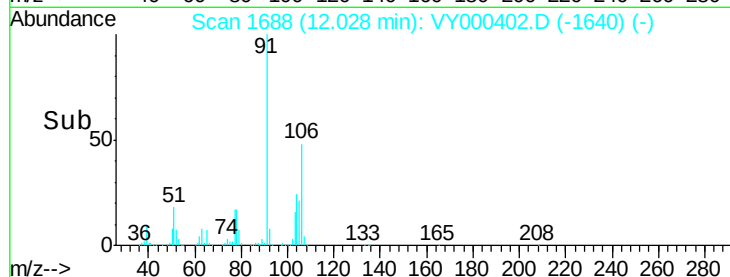
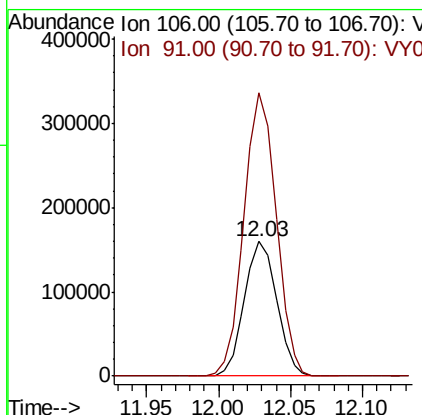
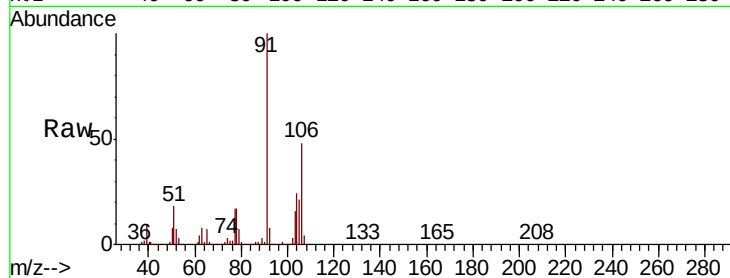
#69
o-Xylene
Concen: 51.735 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.01 min
Lab File: VY000402.D
Acq: 24 Oct 2019 12:00

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	208.9	104.7	313.9

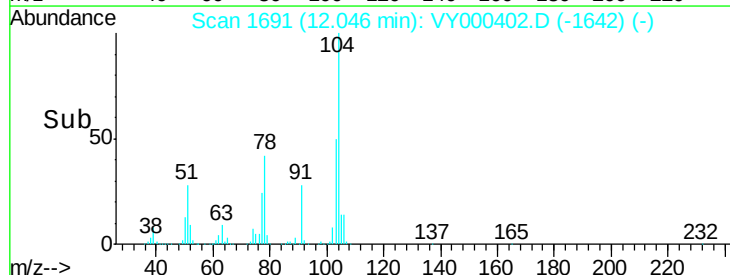
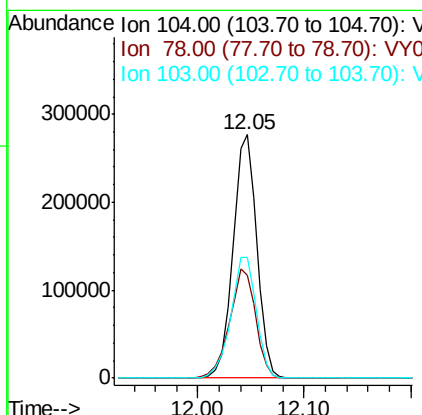
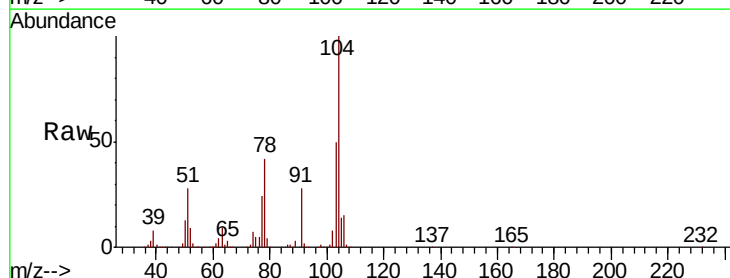
Manual Integrations
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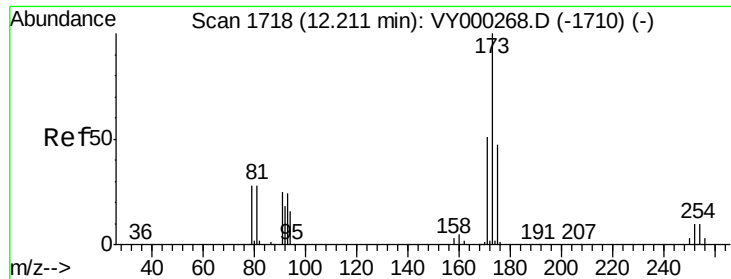
MMDadoda
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#70
Styrene
Concen: 53.133 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. -0.00 min
Lab File: VY000402.D
Acq: 24 Oct 2019 12:00

Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.9	39.0	58.6
103	53.6	43.1	64.7





#71

Bromoform

Concen: 54.931 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. -0.00 min

Lab File: VY000402.D

Acq: 24 Oct 2019 12:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion:173 Resp: 79350

Ion Ratio Lower Upper

173 100

175 47.7 24.6 73.6

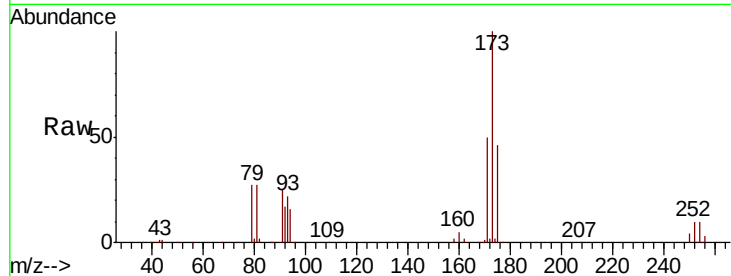
254 0.1 0.1 0.1

Manual Integrations

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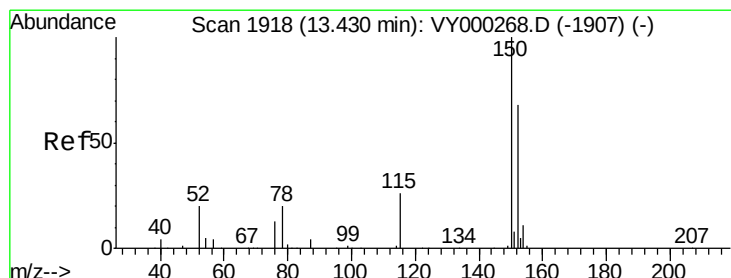
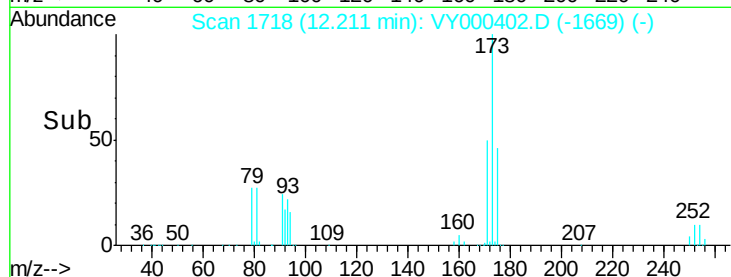
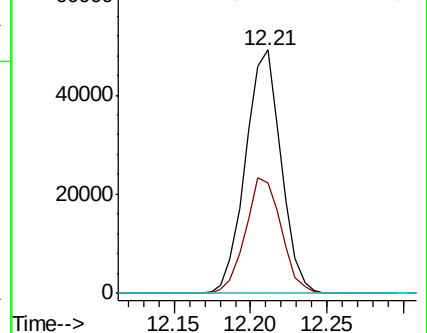
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. -0.01 min

Lab File: VY000402.D

Acq: 24 Oct 2019 12:00

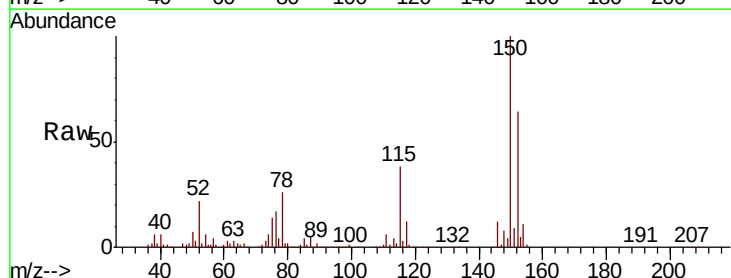
Tgt Ion:152 Resp: 173479

Ion Ratio Lower Upper

152 100

115 57.4 29.3 88.0

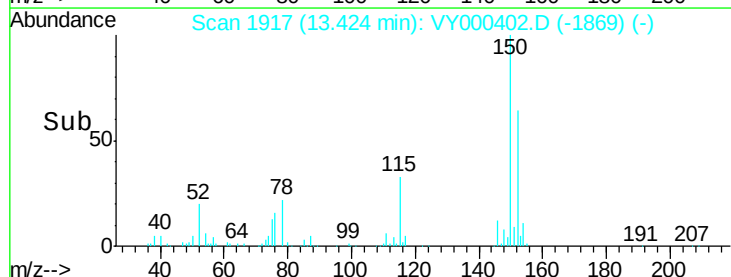
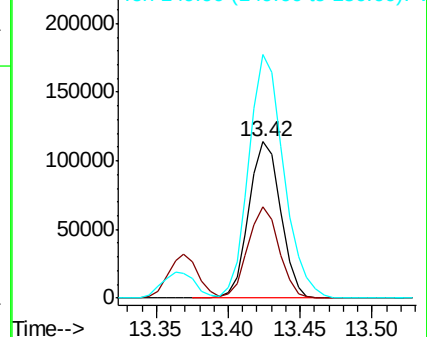
150 171.1 0.0 348.4

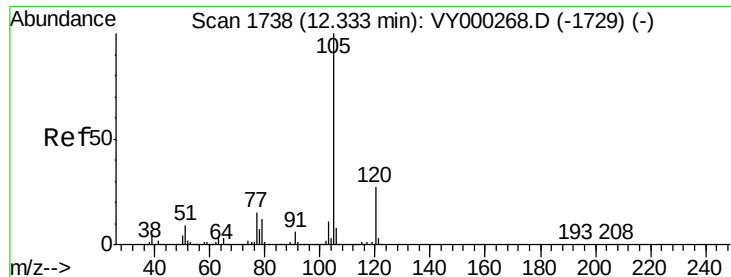


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





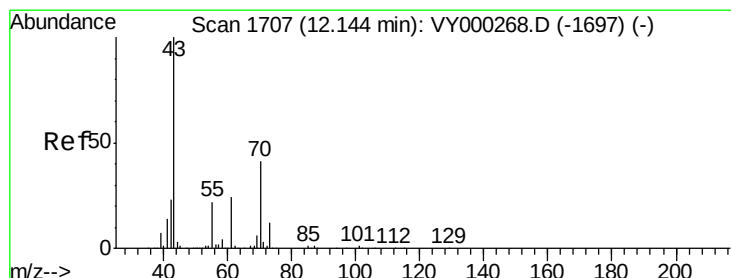
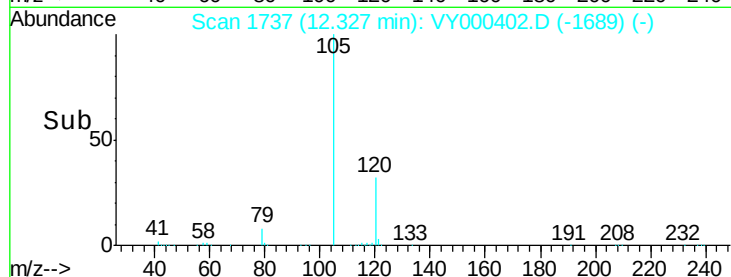
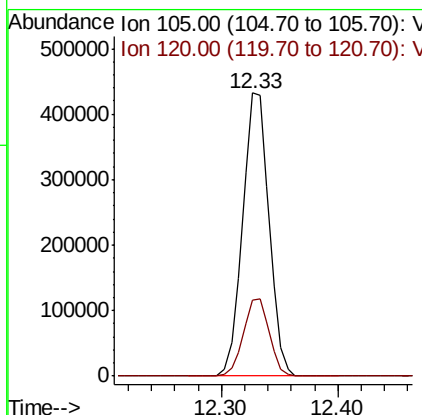
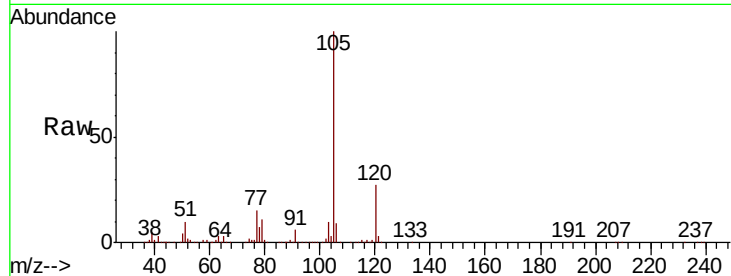
#73
Isopropylbenzene
Concen: 50.531 ug/l
RT: 12.33 min Scan# 1737
Delta R.T. -0.01 min
Lab File: VY000402.D
Acq: 24 Oct 2019 12:00

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.9	13.4	40.2

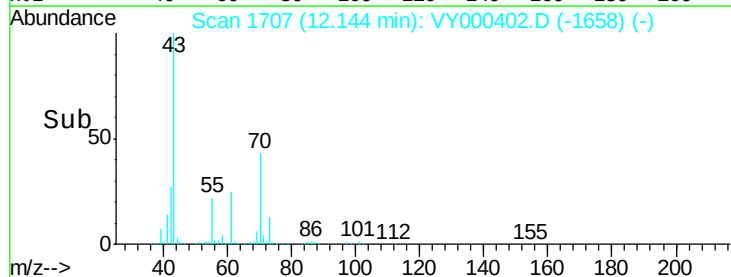
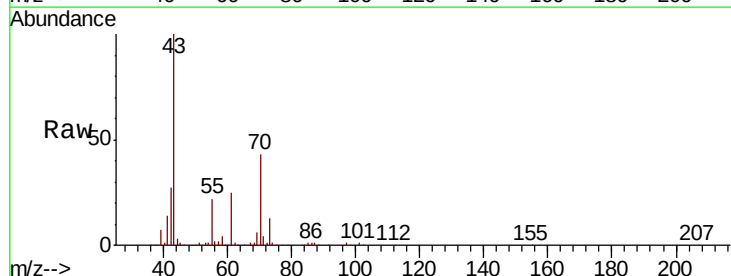
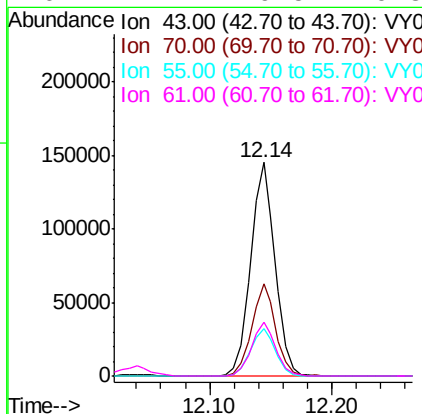
Manual Integrations
APPROVED

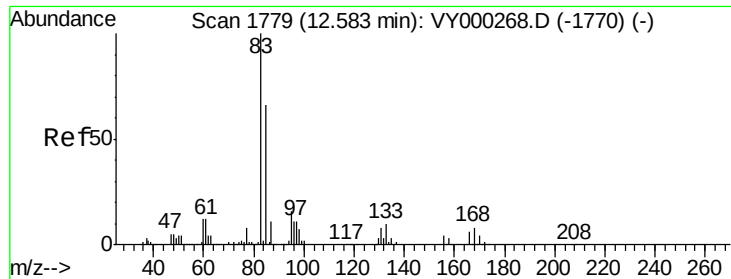
MMDadoda
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#74
N-ethyl acetate
Concen: 60.500 ug/l
RT: 12.14 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VY000402.D
Acq: 24 Oct 2019 12:00

Tgt Ion	Ratio	Lower	Upper
43	100		
70	42.0	32.9	49.3
55	22.6	17.8	26.6
61	24.7	19.5	29.3





#75

1,1,2,2-Tetrachloroethane

Concen: 54.067 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY000402.D

Acq: 24 Oct 2019 12:00

Instrument :

MSVOA_Y

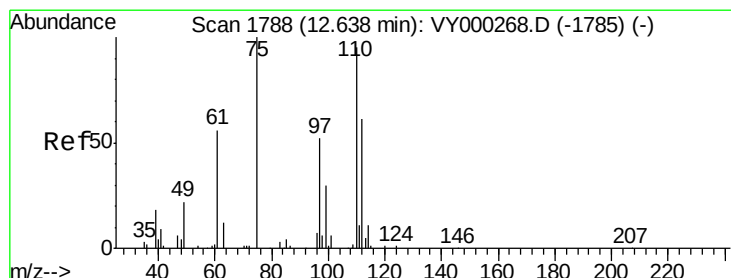
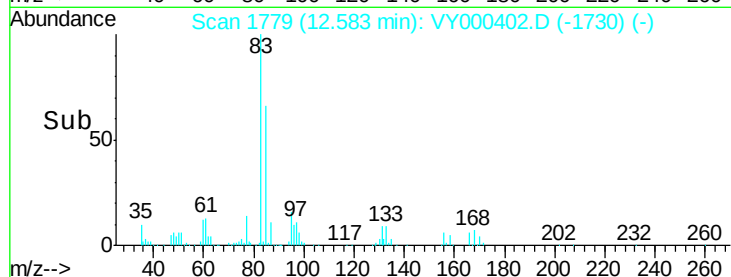
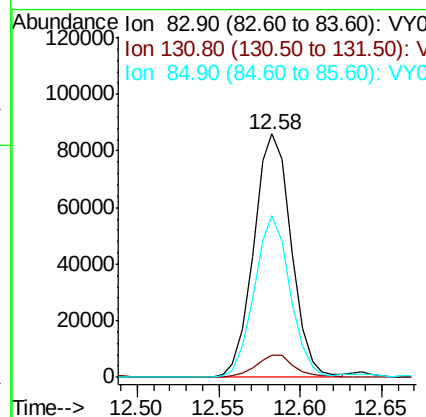
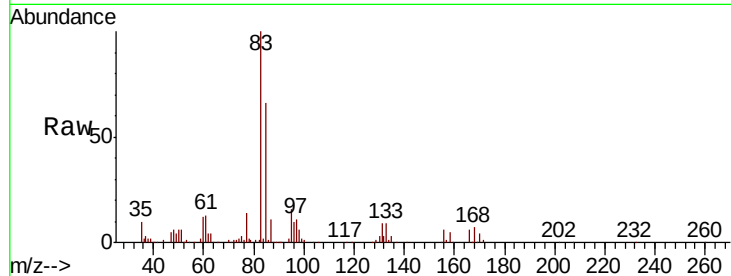
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	137315
Ion Ratio		Lower	Upper
83	100		
131	9.5	5.3	16.1
85	63.5	32.9	98.7

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 48.247 ug/l m

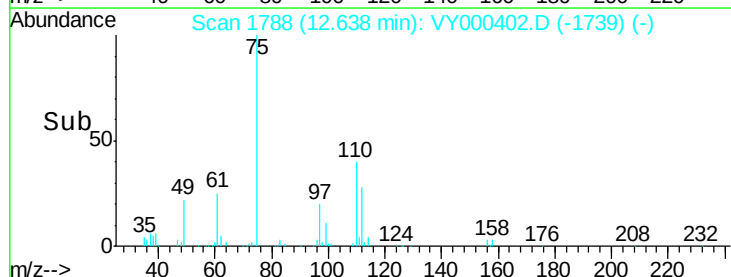
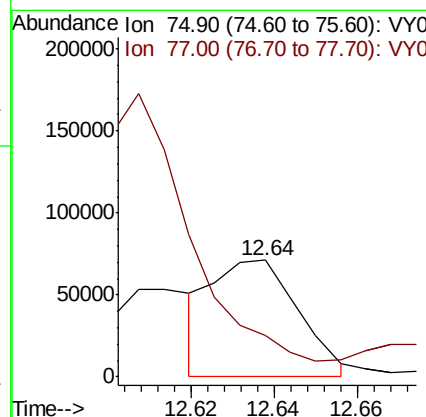
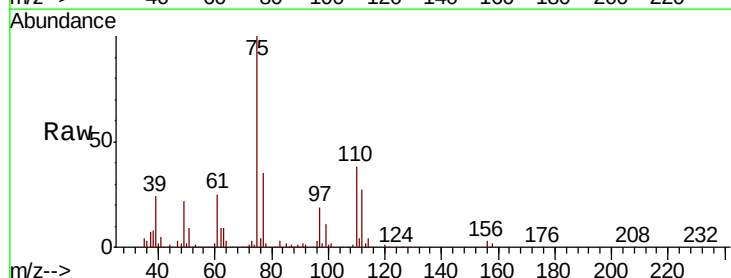
RT: 12.64 min Scan# 1788

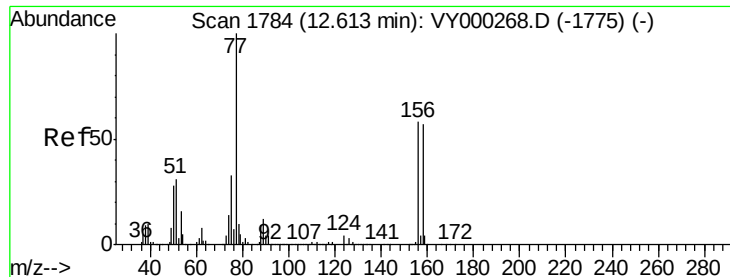
Delta R.T. -0.00 min

Lab File: VY000402.D

Acq: 24 Oct 2019 12:00

Tgt Ion:	75	Resp:	102920
Ion Ratio		Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 50.898 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.01 min

Lab File: VY000402.D

Acq: 24 Oct 2019 12:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion:156 Resp: 153205

Ion Ratio Lower Upper

156 100

77 196.1 101.0 302.9

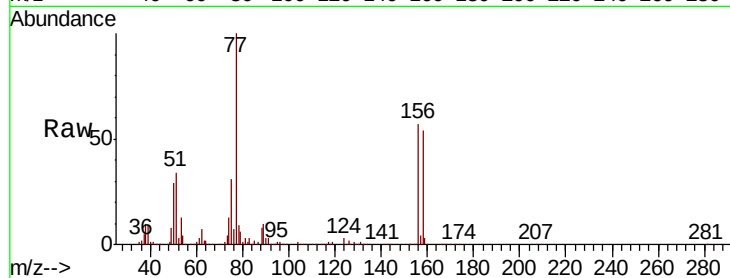
158 95.7 49.7 149.1

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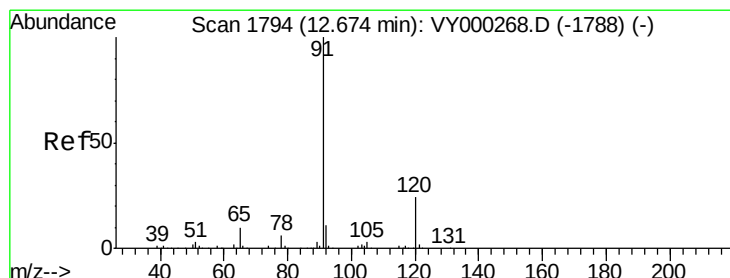
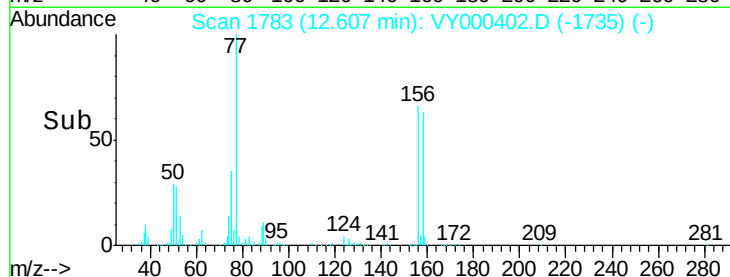
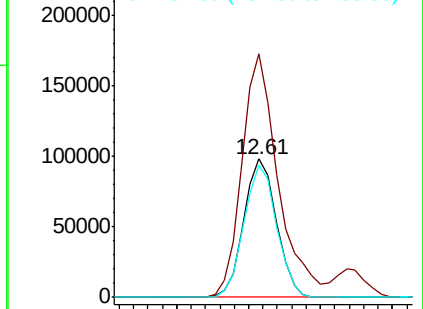
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 51.598 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. -0.01 min

Lab File: VY000402.D

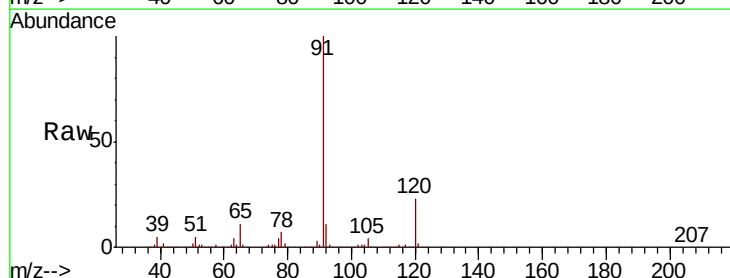
Acq: 24 Oct 2019 12:00

Tgt Ion: 91 Resp: 838003

Ion Ratio Lower Upper

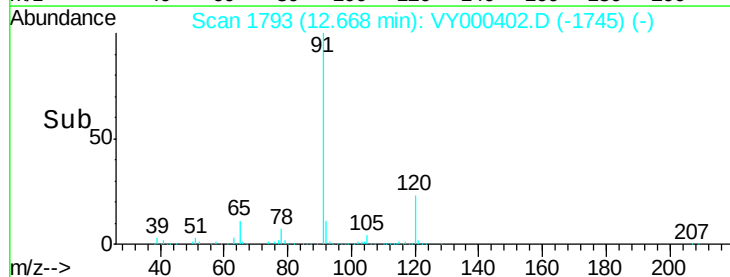
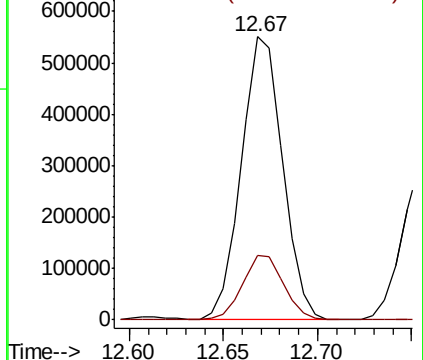
91 100

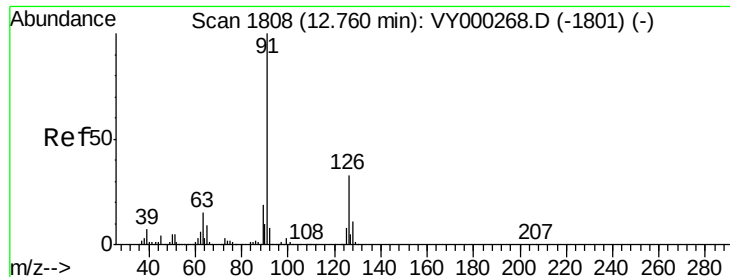
120 22.6 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





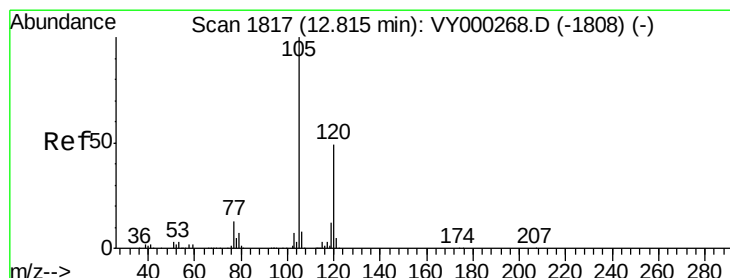
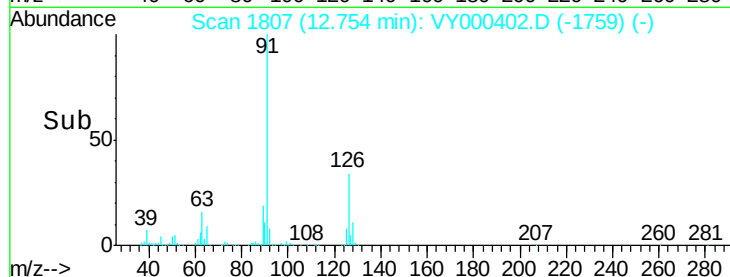
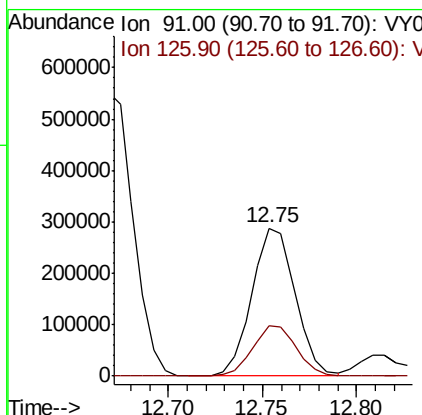
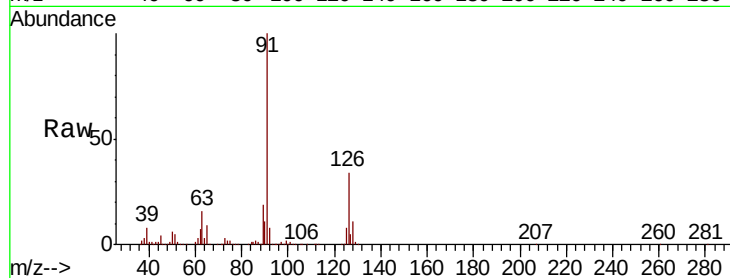
#79
 2-Chlorotoluene
 Concen: 51.317 ug/l
 RT: 12.75 min Scan# 1807
 Delta R.T. -0.01 min
 Lab File: VY000402.D
 Acq: 24 Oct 2019 12:00

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion: 91 Resp: 460271
 Ion Ratio Lower Upper
 91 100
 126 34.5 17.1 51.3

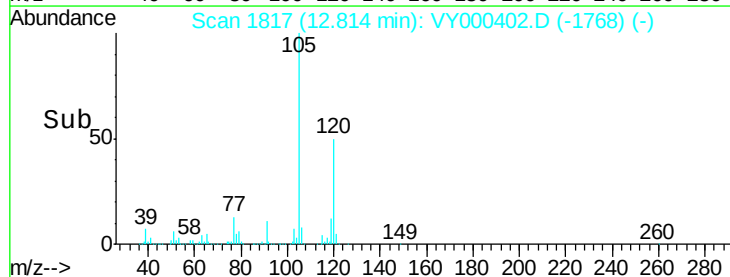
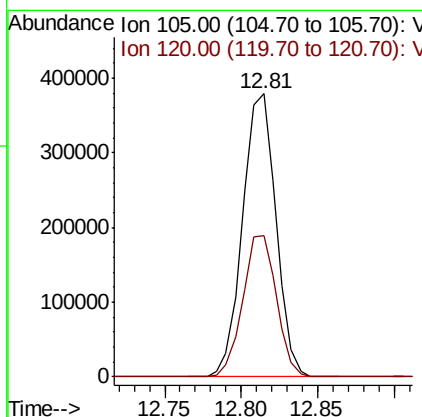
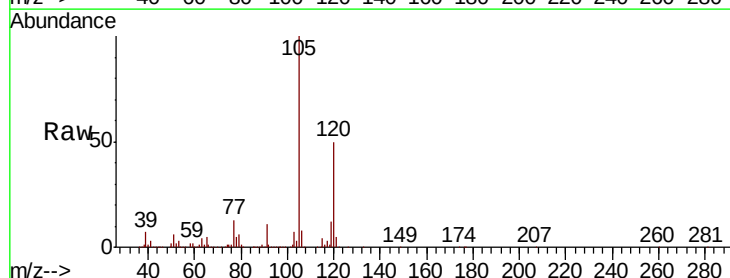
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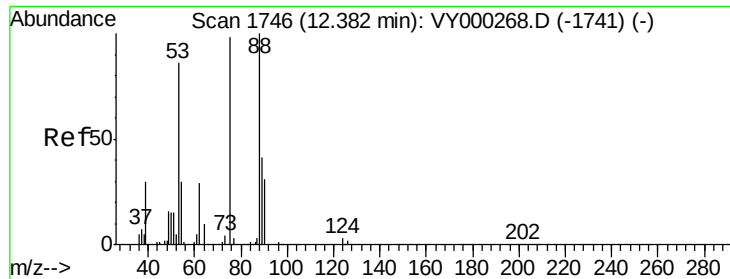
MMDadoda
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#80
 1,3,5-Trimethylbenzene
 Concen: 50.519 ug/l
 RT: 12.81 min Scan# 1817
 Delta R.T. -0.00 min
 Lab File: VY000402.D
 Acq: 24 Oct 2019 12:00

Tgt Ion: 105 Resp: 573012
 Ion Ratio Lower Upper
 105 100
 120 50.5 24.9 74.8





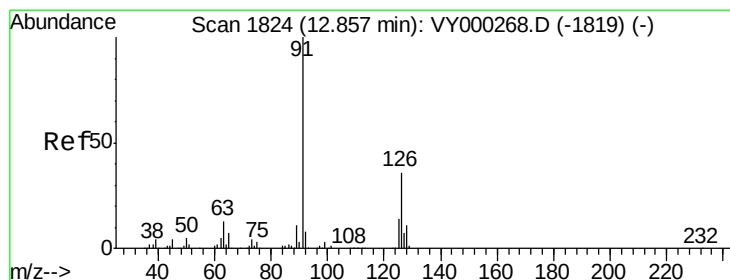
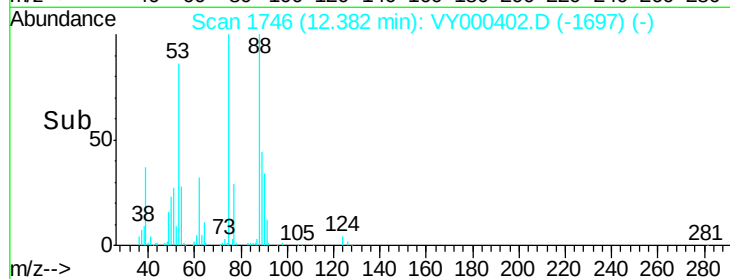
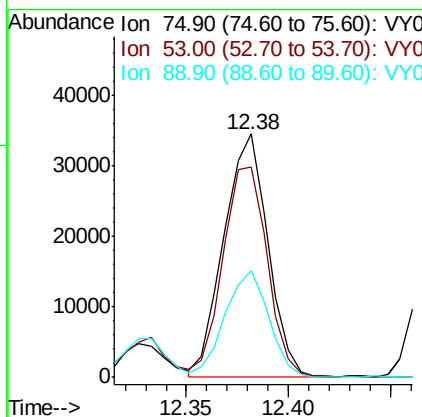
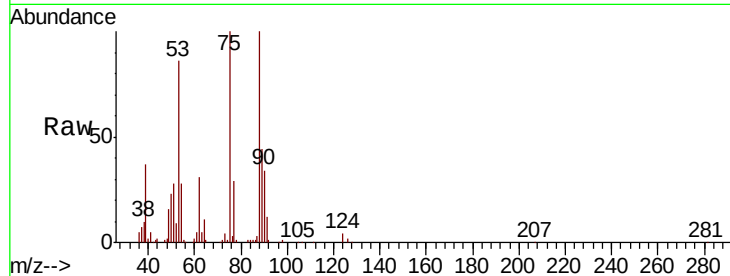
#81
trans-1,4-Dichloro-2-butene
Concen: 52.704 ug/l
RT: 12.38 min Scan# 1746
Delta R.T. -0.00 min
Lab File: VY000402.D
Acq: 24 Oct 2019 12:00

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	87.9	71.3	106.9
89	44.2	35.1	52.7

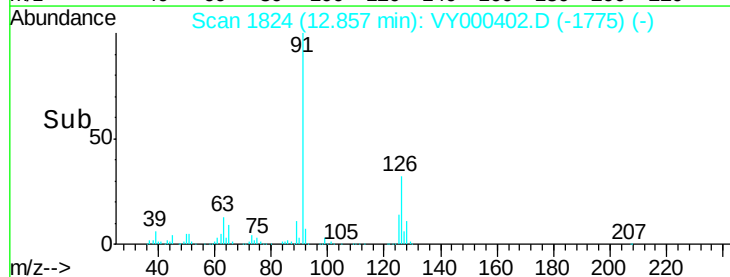
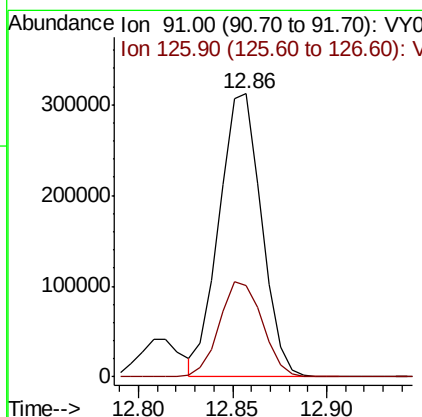
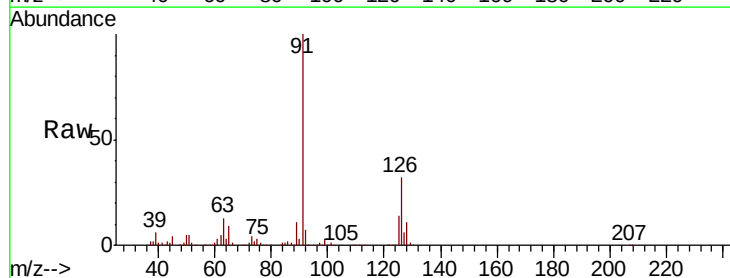
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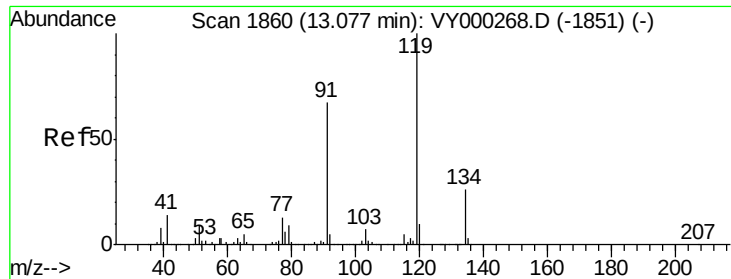
MMDadoda
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#82
4-Chlorotoluene
Concen: 51.316 ug/l
RT: 12.86 min Scan# 1824
Delta R.T. -0.00 min
Lab File: VY000402.D
Acq: 24 Oct 2019 12:00

Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.2	17.2	51.5





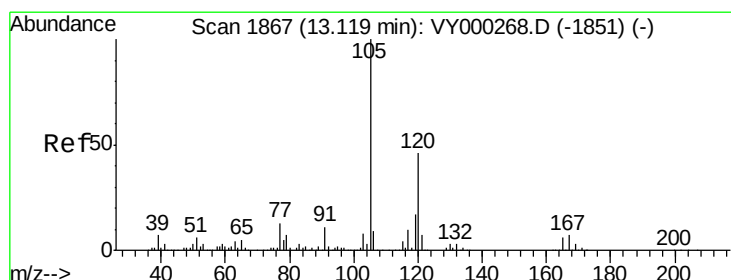
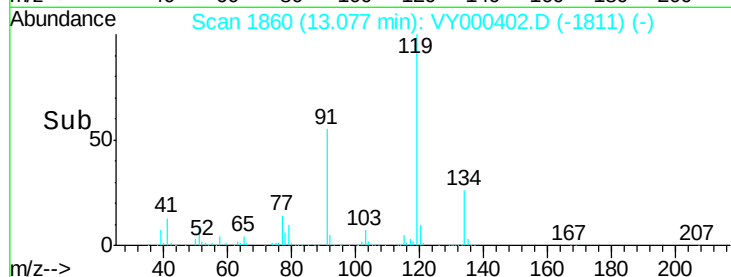
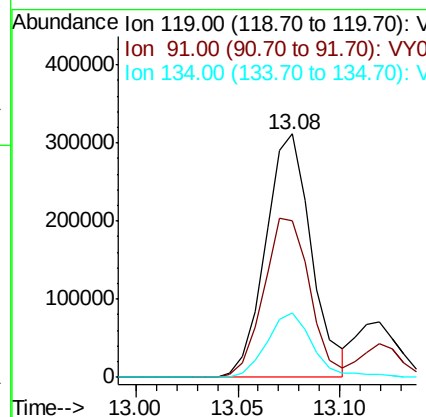
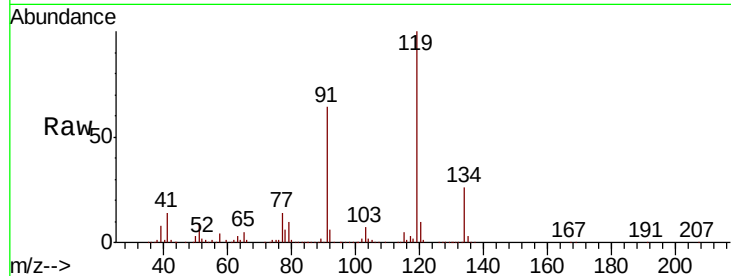
#83
 tert-Butylbenzene
 Concen: 50.821 ug/l
 RT: 13.08 min Scan# 1860
 Delta R.T. -0.00 min
 Lab File: VY000402.D
 Acq: 24 Oct 2019 12:00

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	65.7	32.9	98.7
134	26.7	13.3	39.8

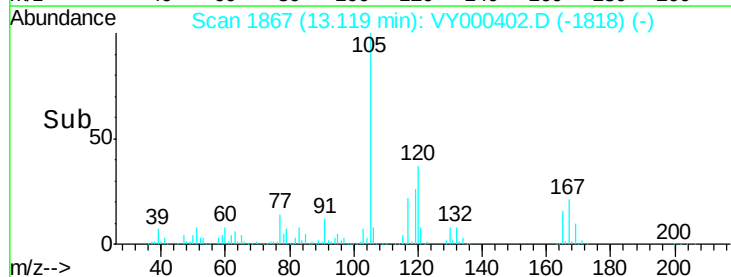
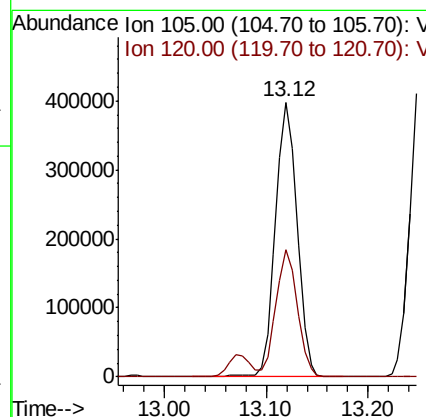
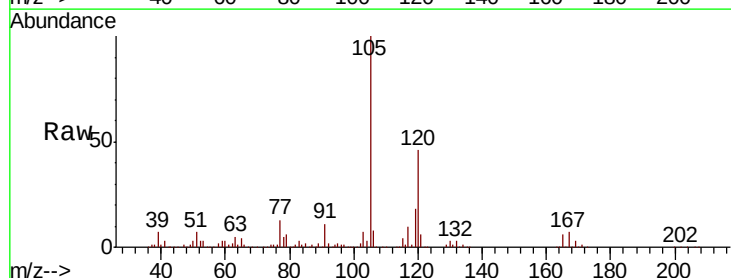
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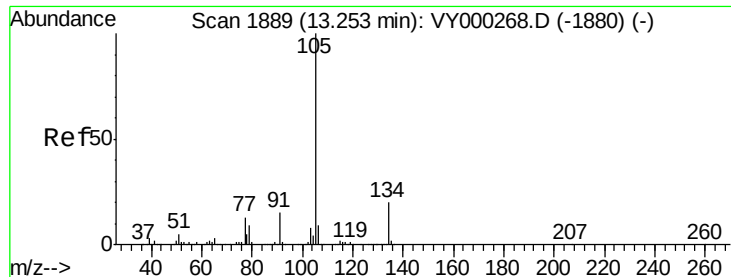
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#84
 1,2,4-Trimethylbenzene
 Concen: 52.093 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VY000402.D
 Acq: 24 Oct 2019 12:00

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.3	22.9	68.8





#85

sec-Butylbenzene

Concen: 51.653 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY000402.D

Acq: 24 Oct 2019 12:00

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 717734

Ion Ratio Lower Upper

105 100

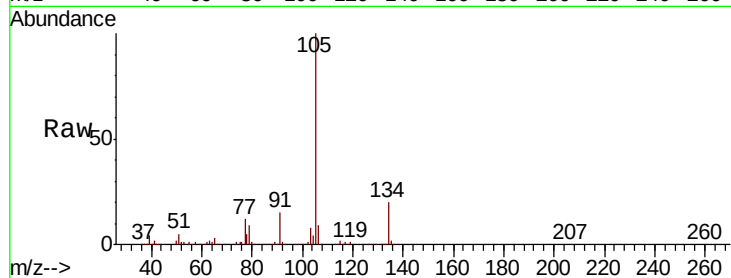
134 20.1 10.1 30.1

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.25

500000

400000

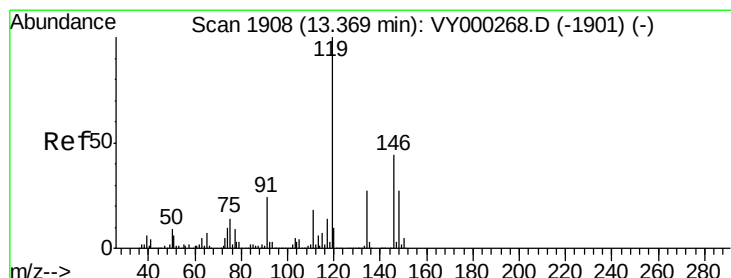
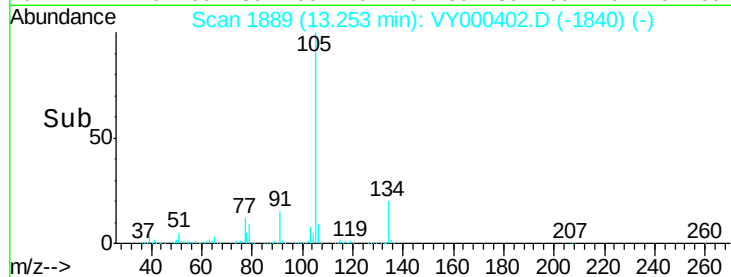
300000

200000

100000

0

Time-->



#86

p-Isopropyltoluene

Concen: 52.266 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY000402.D

Acq: 24 Oct 2019 12:00

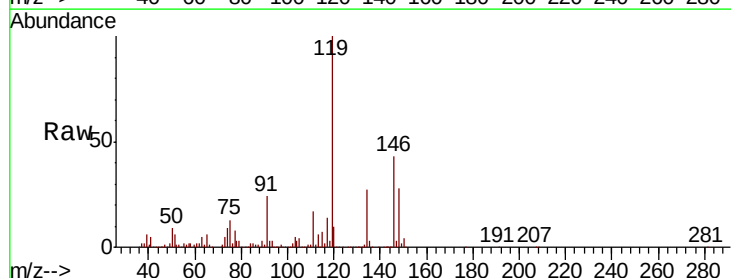
Tgt Ion:119 Resp: 633159

Ion Ratio Lower Upper

119 100

134 27.4 13.6 40.8

91 23.7 12.0 36.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

600000

500000

400000

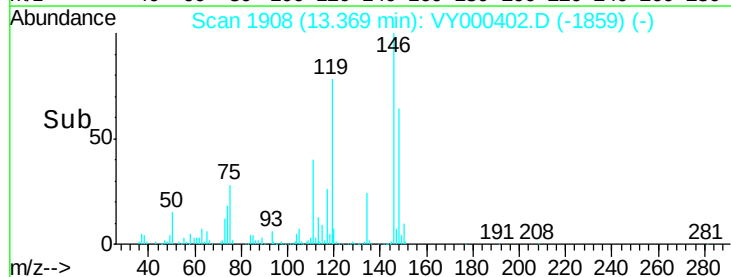
300000

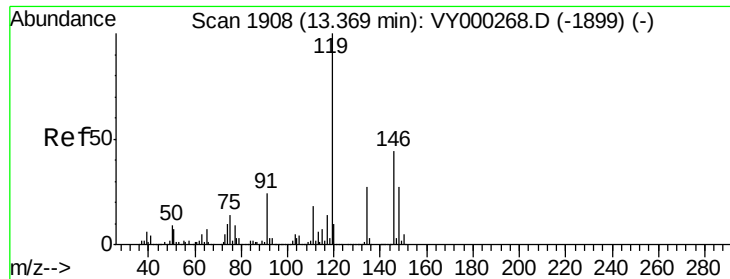
200000

100000

0

Time-->





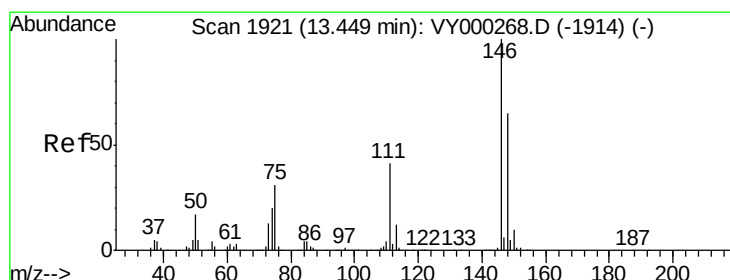
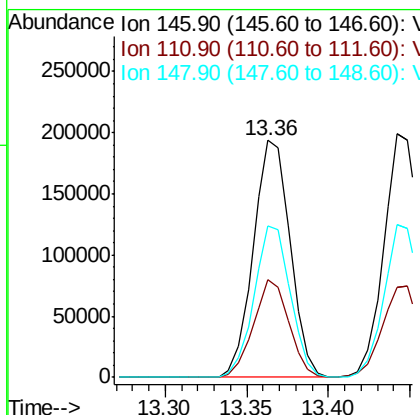
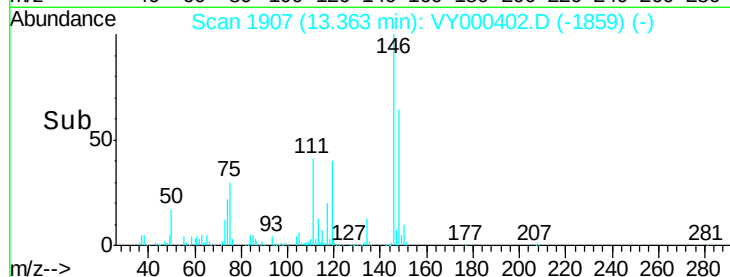
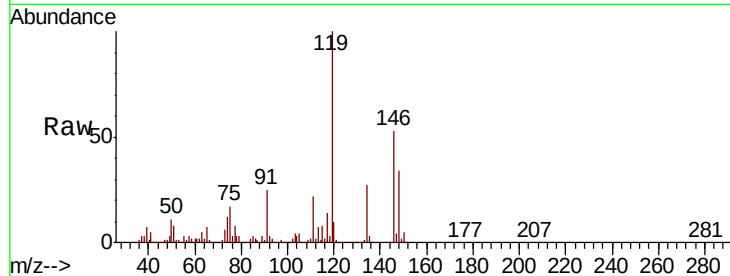
#87
 1,3-Dichlorobenzene
 Concen: 51.387 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.01 min
 Lab File: VY000402.D
 Acq: 24 Oct 2019 12:00

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.9	20.6	61.8
148	62.8	31.9	95.5

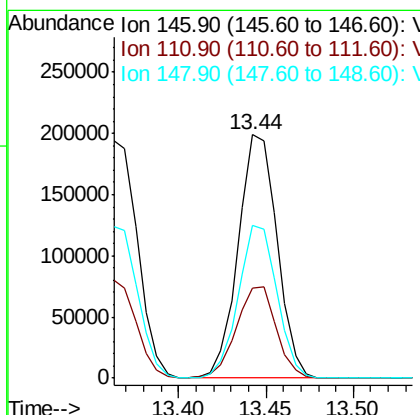
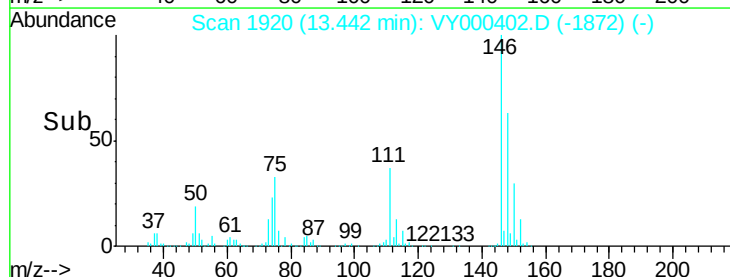
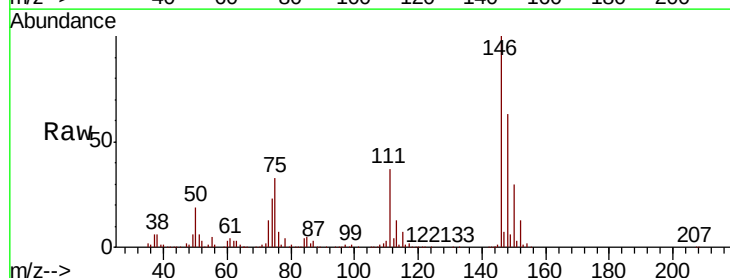
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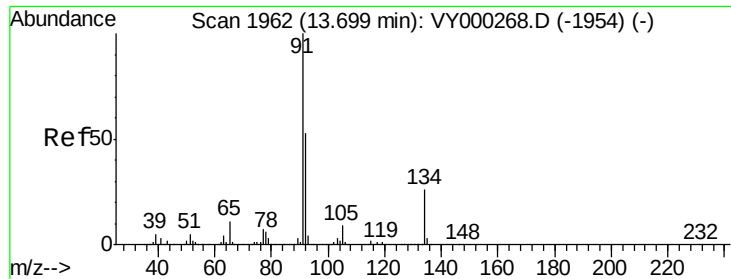
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#88
 1,4-Dichlorobenzene
 Concen: 51.925 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. -0.01 min
 Lab File: VY000402.D
 Acq: 24 Oct 2019 12:00

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.6	20.1	60.2
148	62.5	32.4	97.2





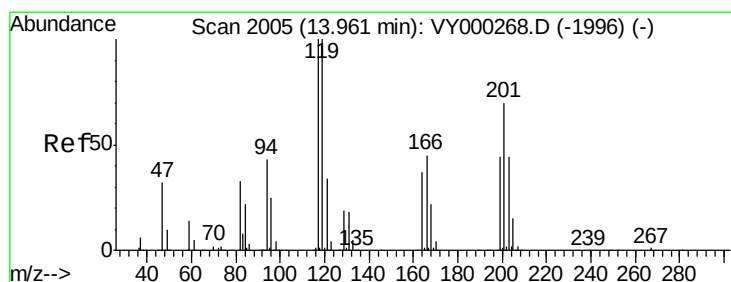
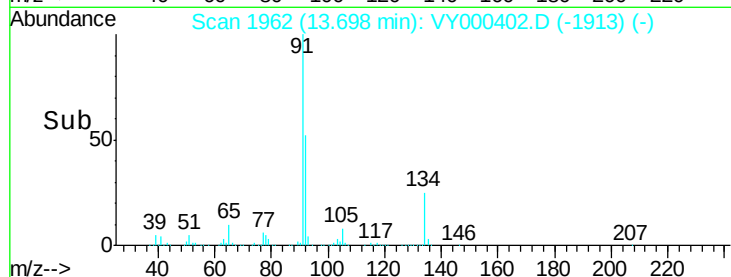
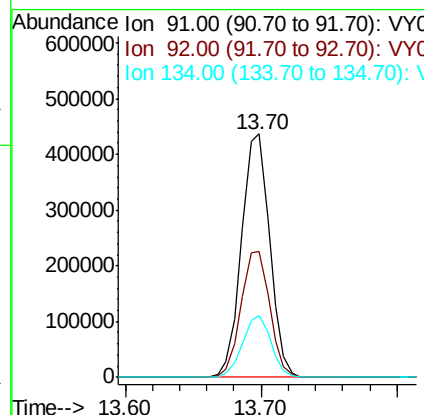
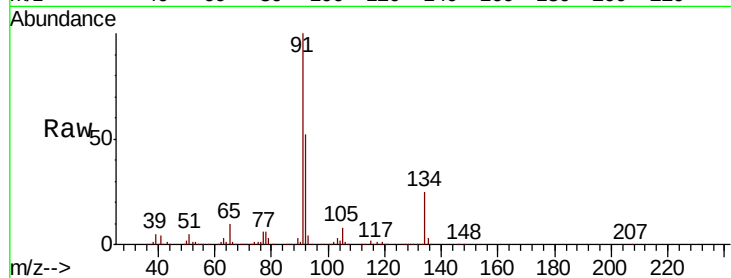
#89
n-Butylbenzene
Concen: 52.765 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. -0.00 min
Lab File: VY000402.D
Acq: 24 Oct 2019 12:00

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.1	26.7	80.1
134	25.5	13.0	38.9

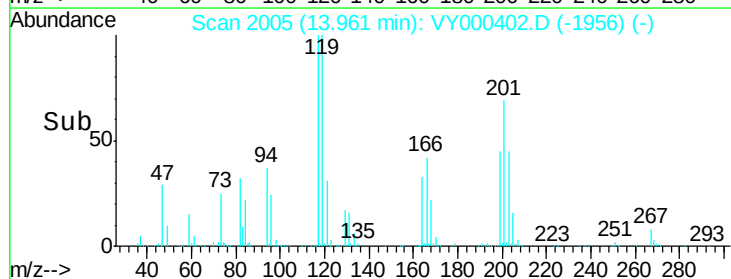
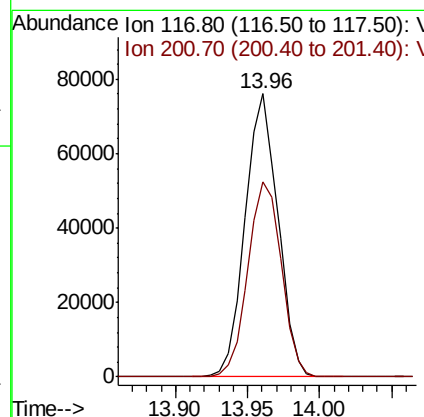
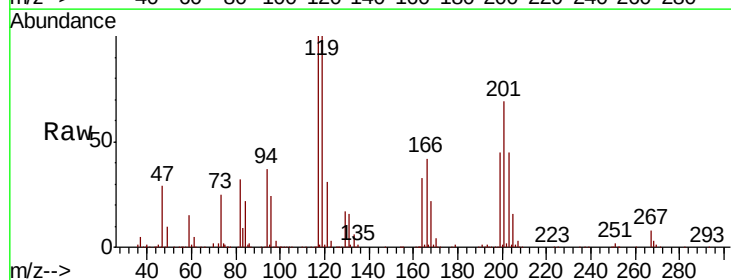
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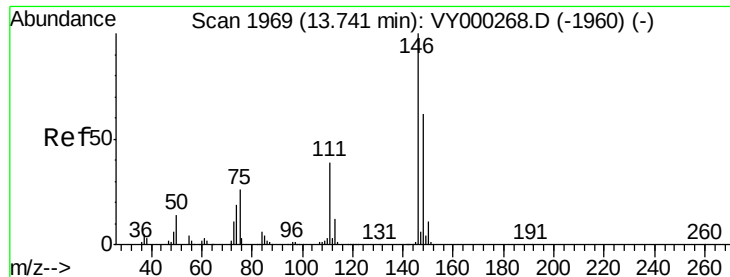
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#90
Hexachloroethane
Concen: 53.434 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.00 min
Lab File: VY000402.D
Acq: 24 Oct 2019 12:00

Tgt Ion	Ratio	Lower	Upper
117	100		
201	70.2	36.3	108.7





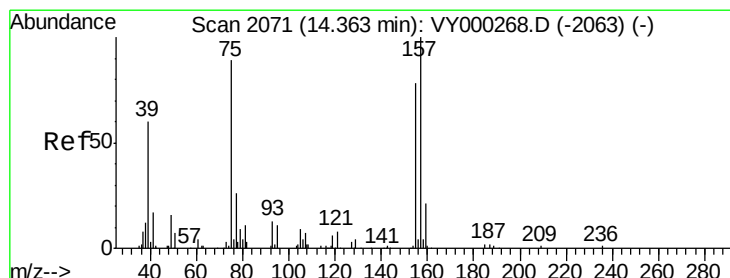
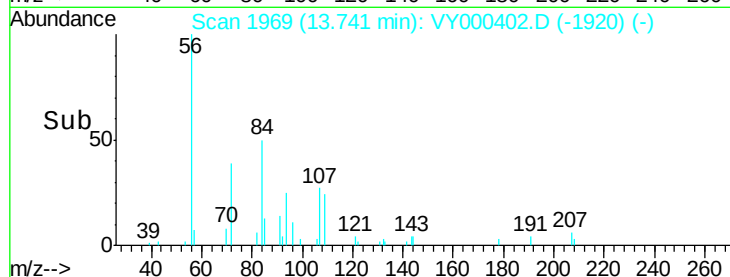
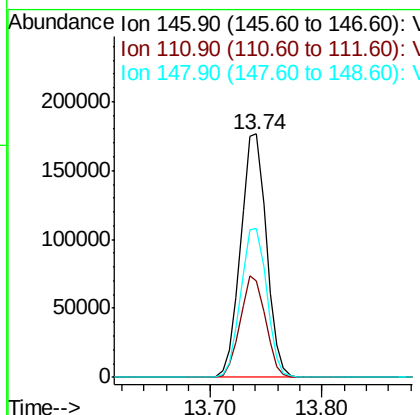
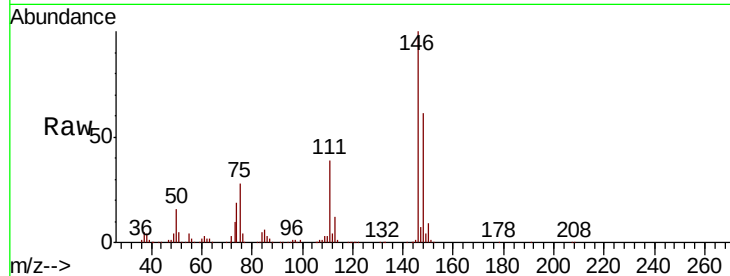
#91
 1,2-Dichlorobenzene
 Concen: 52.734 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. -0.00 min
 Lab File: VY000402.D
 Acq: 24 Oct 2019 12:00

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.0	20.5	61.5
148	62.0	31.6	95.0

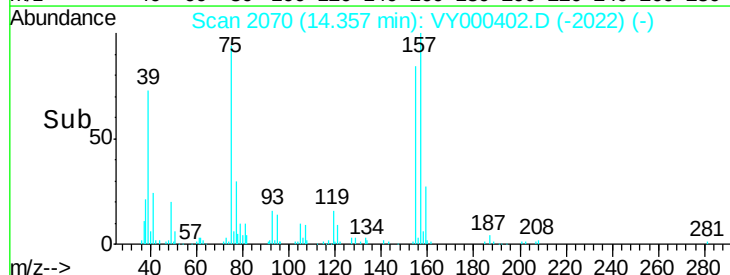
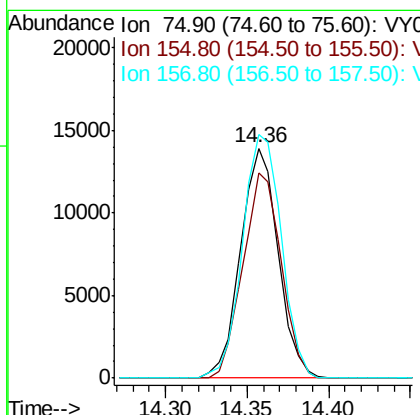
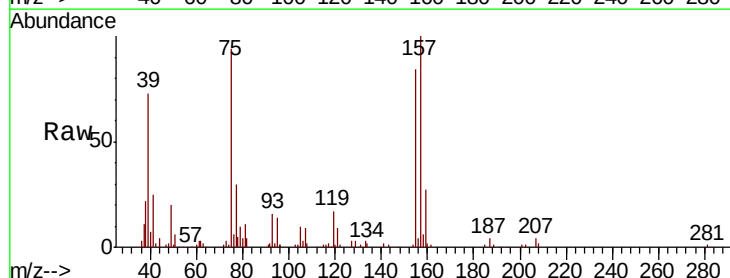
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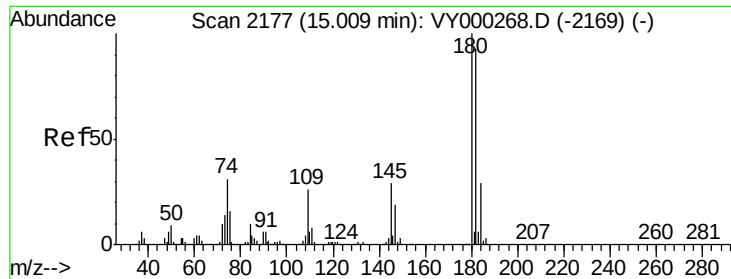
MMDadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.365 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. -0.01 min
 Lab File: VY000402.D
 Acq: 24 Oct 2019 12:00

Tgt Ion	Ratio	Lower	Upper
75	100		
155	90.8	45.8	137.3
157	109.6	55.6	166.9





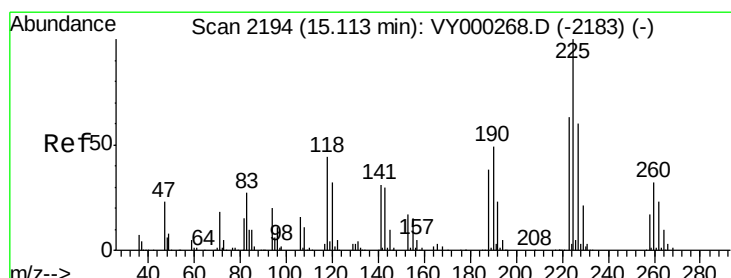
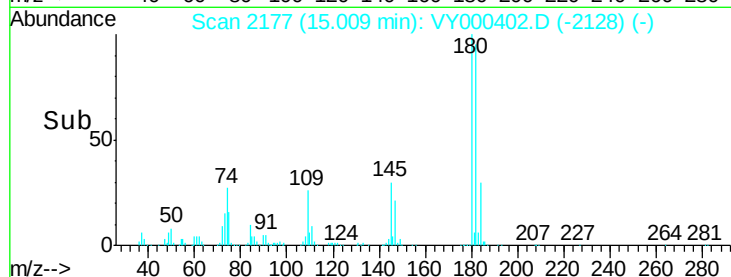
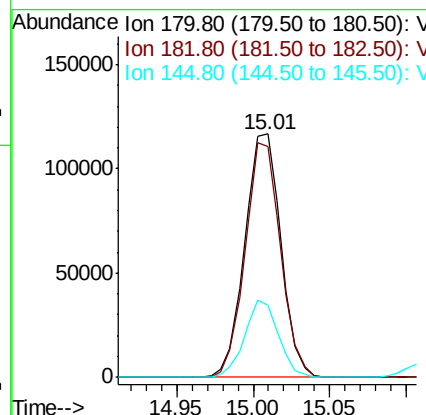
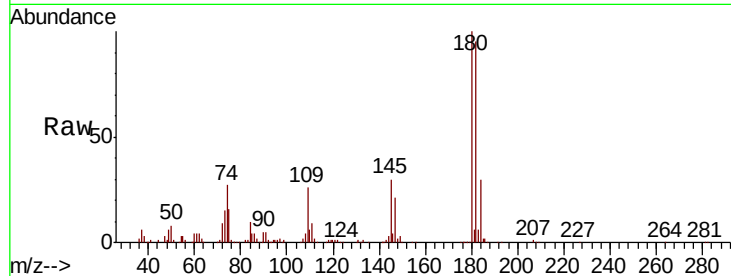
#93
 1,2,4-Trichlorobenzene
 Concen: 51.077 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. -0.00 min
 Lab File: VY000402.D
 Acq: 24 Oct 2019 12:00

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	190863		
182	94.3	47.5	142.6	
145	29.9	15.4	46.1	

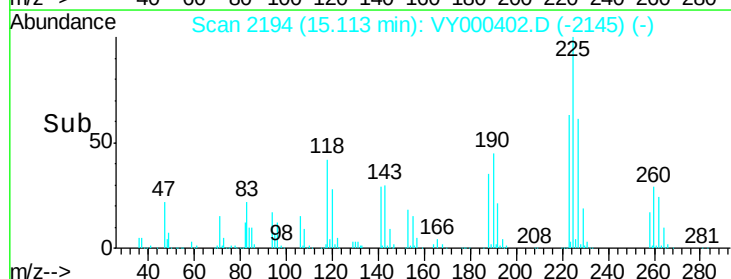
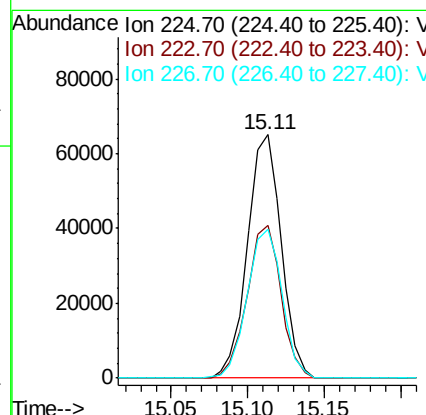
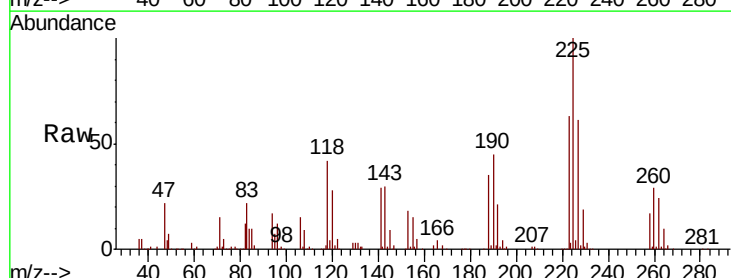
Manual Integrations
 APPROVED

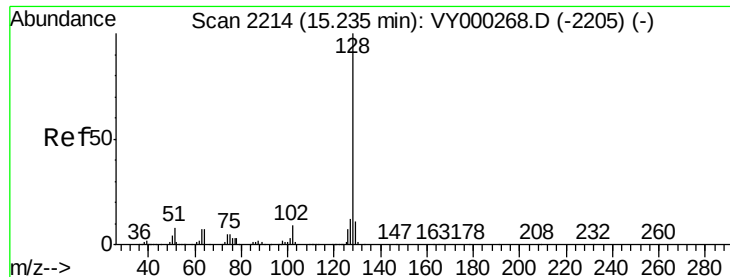
MMDadoda
 10/25/2019 4:46:23 PM



#94
 Hexachlorobutadiene
 Concen: 49.411 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. -0.00 min
 Lab File: VY000402.D
 Acq: 24 Oct 2019 12:00

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	99920		
223	63.1	31.9	95.7	
227	63.2	31.4	94.2	





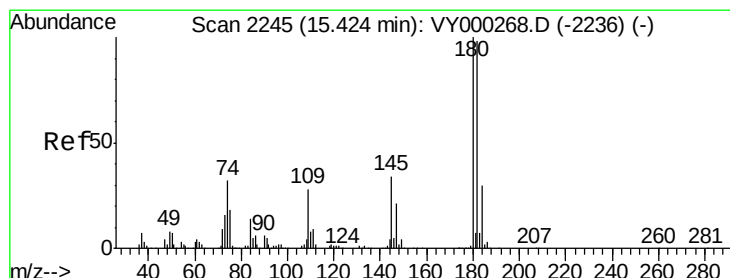
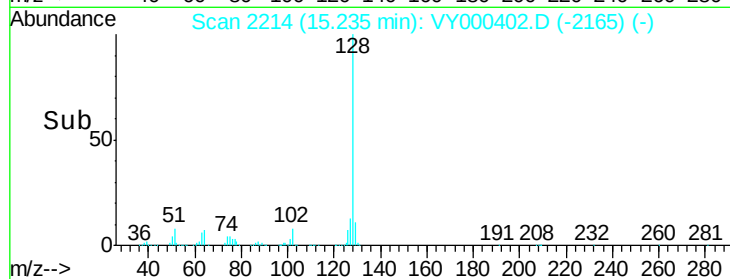
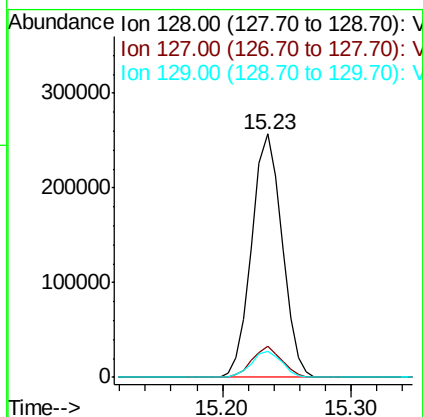
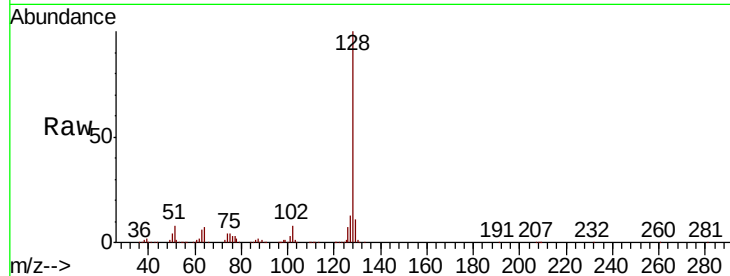
#95
Naphthalene
Concen: 50.212 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VY000402.D
Acq: 24 Oct 2019 12:00

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
128	100	418720		
127	12.3	9.6	14.4	
129	10.7	8.7	13.1	

Manual Integrations
APPROVED

MMDadoda
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#96
1,2,3-Trichlorobenzene
Concen: 50.585 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. -0.00 min
Lab File: VY000402.D
Acq: 24 Oct 2019 12:00

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	170357		
182	94.2	46.5	139.5	
145	32.5	16.2	48.5	

