

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY102819\
 Data File : VY000447.D
 Acq On : 28 Oct 2019 11:48
 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
 10/29/2019 2:06:14 PM

Quant Time: Oct 29 10:06:51 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	212432	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	339444	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	314984	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	157745	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	113348	50.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.16%	
35) Dibromofluoromethane	7.73	113	104094	50.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.68%	
50) Toluene-d8	10.18	98	407402	51.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.44%	
62) 4-Bromofluorobenzene	12.48	95	151340	50.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.16%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	65423	37.939	ug/l	95
3) Chloromethane	2.12	50	148615	57.251	ug/l	97
4) Vinyl Chloride	2.26	62	111763	42.661	ug/l	100
5) Bromomethane	2.65	94	138052	71.103	ug/l	95
6) Chloroethane	2.80	64	75455	44.639	ug/l	97
7) Trichlorofluoromethane	3.13	101	167105	46.631	ug/l	100
8) Diethyl Ether	3.53	74	64956	51.309	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.90	101	107265	49.356	ug/l	97
10) Methyl Iodide	4.09	142	160594	51.835	ug/l	98
11) Tert butyl alcohol	4.96	59	75108	320.284	ug/l	95
12) 1,1-Dichloroethene	3.87	96	98557	45.936	ug/l	96
13) Acrolein	3.73	56	48083	174.891	ug/l	97
14) Allyl chloride	4.48	41	173488	48.794	ug/l	99
15) Acrylonitrile	5.17	53	189244	267.073	ug/l	99
16) Acetone	3.96	43	212332	292.600	ug/l	96
17) Carbon Disulfide	4.19	76	268173	39.699	ug/l	99
18) Methyl Acetate	4.49	43	90915	50.424	ug/l	97
19) Methyl tert-butyl Ether	5.22	73	315214	52.776	ug/l	99
20) Methylene Chloride	4.72	84	117272	47.715	ug/l	97
21) trans-1,2-Dichloroethene	5.22	96	118027	47.948	ug/l	97
22) Diisopropyl ether	6.13	45	402370	53.507	ug/l	96
23) Vinyl Acetate	6.07	43	1309865	266.997	ug/l	100
24) 1,1-Dichloroethane	6.02	63	209363	51.006	ug/l	98
25) 2-Butanone	6.99	43	290662	284.337	ug/l	98
26) 2,2-Dichloropropane	6.99	77	187610	49.602	ug/l	98
27) cis-1,2-Dichloroethene	6.99	96	134612	50.538	ug/l	97
28) Bromochloromethane	7.34	49	91359	51.847	ug/l	97
29) Tetrahydrofuran	7.36	42	165605	267.312	ug/l	98
30) Chloroform	7.52	83	216121	52.283	ug/l	98
31) Cyclohexane	7.79	56	196307	45.790	ug/l	99
32) 1,1,1-Trichloroethane	7.71	97	190010	51.703	ug/l #	91
36) 1,1-Dichloropropene	7.93	75	164567	49.518	ug/l	98
37) Ethyl Acetate	7.08	43	108147	54.957	ug/l	97
38) Carbon Tetrachloride	7.91	117	166850	51.852	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	212564	48.869	ug/l	97
40) Benzene	8.17	78	491226	51.147	ug/l	100
41) Methacrylonitrile	7.32	41	51129m	54.585	ug/l	
42) 1,2-Dichloroethane	8.24	62	143157	52.182	ug/l	99
43) Isopropyl Acetate	8.28	43	209228	55.918	ug/l	100
44) Trichloroethene	8.94	130	130531	48.438	ug/l	99
45) 1,2-Dichloropropane	9.22	63	129368	54.889	ug/l	99
46) Dibromomethane	9.31	93	70379	53.417	ug/l	96
47) Bromodichloromethane	9.50	83	167235	53.859	ug/l #	97
48) Methyl methacrylate	9.30	41	89562	54.618	ug/l	99
49) 1,4-Dioxane	9.30	88	20783	1052.037	ug/l	91
51) 4-Methyl-2-Pentanone	10.08	43	563487	291.984	ug/l	99
52) Toluene	10.25	92	317982	52.148	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	187651	56.390	ug/l	97
54) cis-1,3-Dichloropropene	9.93	75	206439	54.627	ug/l	97
55) 1,1,2-Trichloroethane	10.65	97	103875	54.224	ug/l	99
56) Ethyl methacrylate	10.51	69	153295	56.141	ug/l	97
57) 1,3-Dichloropropane	10.79	76	180780	54.949	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	331691	304.550	ug/l	98
59) 2-Hexanone	10.83	43	443437	327.358	ug/l	100
60) Dibromochloromethane	10.99	129	120219	56.619	ug/l	97
61) 1,2-Dibromoethane	11.09	107	100392	54.580	ug/l	99
64) Tetrachloroethene	10.72	164	126931	42.329	ug/l	95
65) Chlorobenzene	11.52	112	340190	51.175	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.59	131	119496	51.173	ug/l	97
67) Ethyl Benzene	11.60	91	627908	50.954	ug/l	99
68) m/p-Xylenes	11.70	106	483657	102.667	ug/l	100
69) o-Xylene	12.03	106	231392	51.488	ug/l	99
70) Styrene	12.05	104	400335	52.820	ug/l	99
71) Bromoform	12.21	173	76144	56.723	ug/l #	100
73) Isopropylbenzene	12.33	105	628035	51.060	ug/l	99
74) N-amyl acetate	12.14	43	196690	65.138	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	136388	59.058	ug/l	96
76) 1,2,3-Trichloropropane	12.64	75	102430m	52.806	ug/l	
77) Bromobenzene	12.61	156	141712	51.776	ug/l	96
78) n-propylbenzene	12.67	91	762046	51.601	ug/l	100
79) 2-Chlorotoluene	12.75	91	421061	51.627	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	531277	51.511	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	47446	53.518	ug/l	99
82) 4-Chlorotoluene	12.86	91	443641	51.460	ug/l	100
83) tert-Butylbenzene	13.08	119	455837	52.190	ug/l	98
84) 1,2,4-Trimethylbenzene	13.12	105	529289	51.997	ug/l	100
85) sec-Butylbenzene	13.25	105	655574	51.885	ug/l	99
86) p-Isopropyltoluene	13.37	119	582955	52.922	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	279668	51.861	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	280807	52.097	ug/l	99
89) n-Butylbenzene	13.70	91	573631	52.697	ug/l	99
90) Hexachloroethane	13.96	117	112922	55.361	ug/l	95
91) 1,2-Dichlorobenzene	13.74	146	260156	53.308	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	22814	52.088	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	178550	52.548	ug/l	99
94) Hexachlorobutadiene	15.11	225	89673	48.767	ug/l	98
95) Naphthalene	15.23	128	411848	54.314	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	159116	51.960	ug/l	98

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

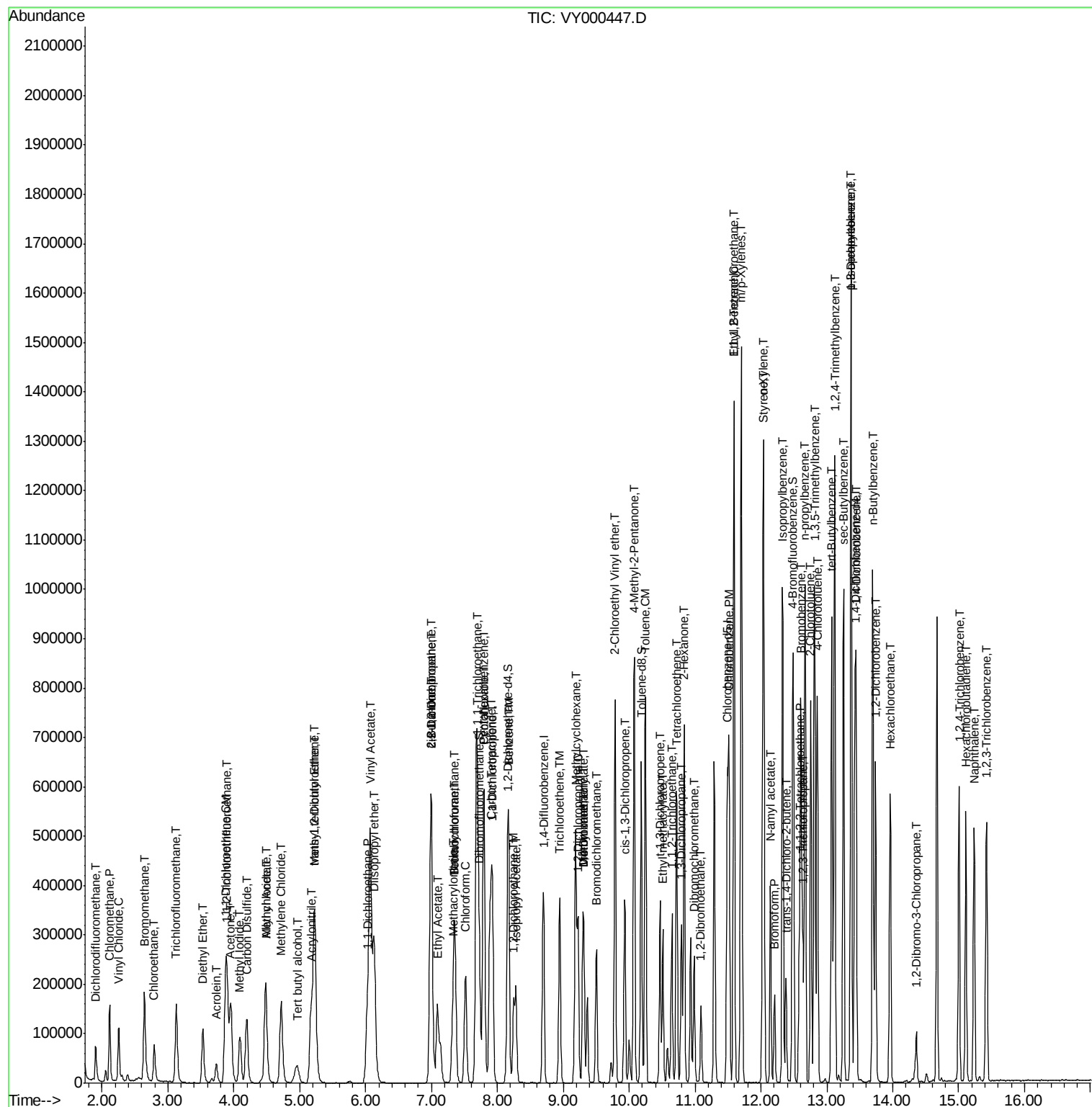
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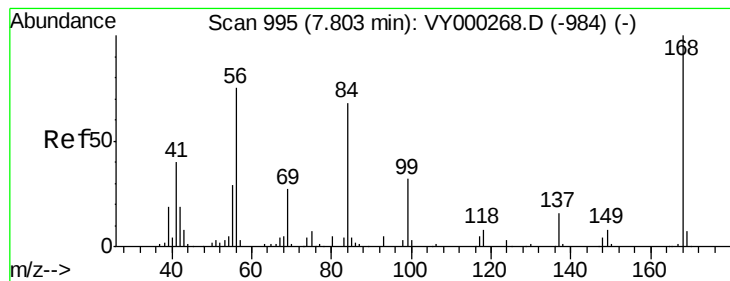
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY000447.D

Acq: 28 Oct 2019 11:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 212432

Ion Ratio Lower Upper

168 100

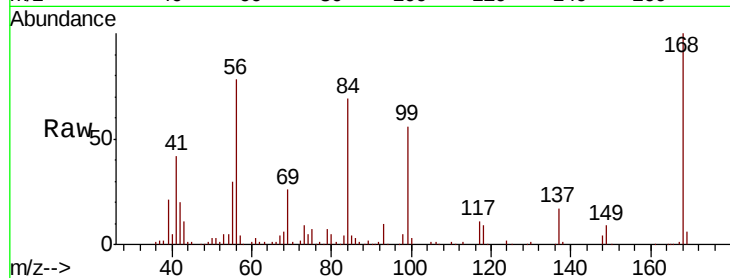
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Manual Integrations

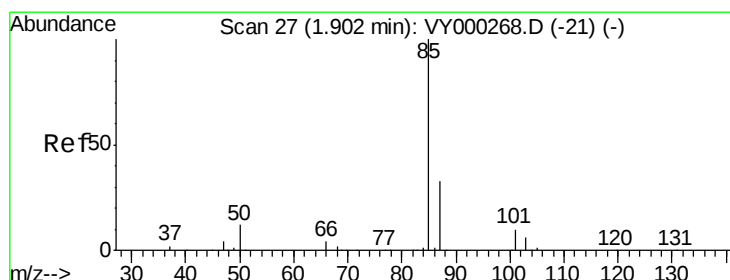
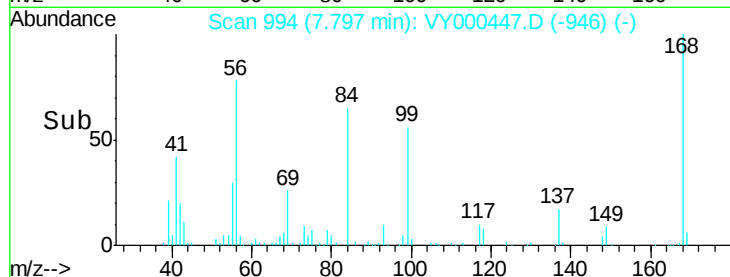
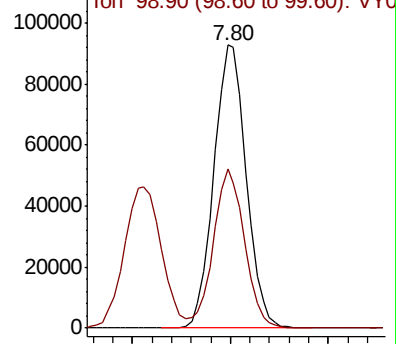
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10/29/2019 2:06:14 PM



Abundance Ion 167.90 (167.60 to 168.60): VY000268.D (-984) (-)



#2

Dichlorodifluoromethane

Concen: 37.939 ug/l

RT: 1.90 min Scan# 27

Delta R.T. 0.00 min

Lab File: VY000447.D

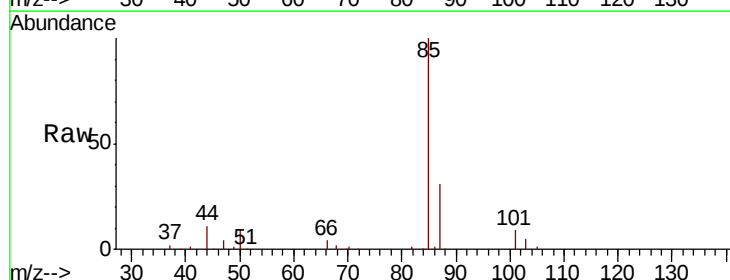
Acq: 28 Oct 2019 11:48

Tgt Ion: 85 Resp: 65423

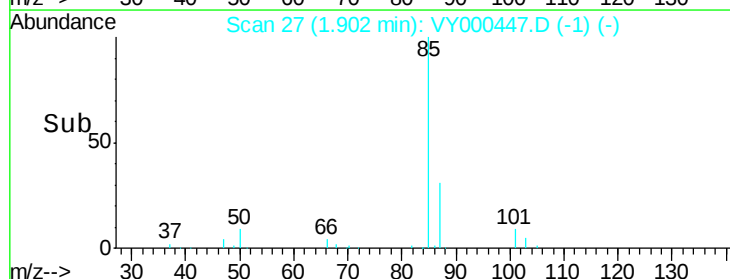
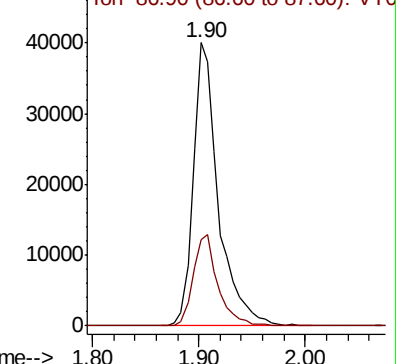
Ion Ratio Lower Upper

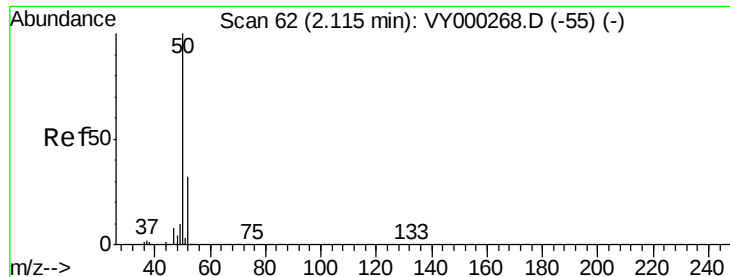
85 100

87 30.6 16.6 49.8



Abundance Ion 84.90 (84.60 to 85.60): VY000268.D (-21) (-)





#3

Chloromethane

Concen: 57.251 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY000447.D

Acq: 28 Oct 2019 11:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 148615

Ion Ratio Lower Upper

50 100

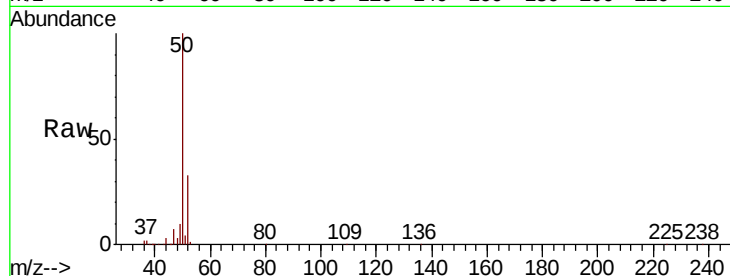
52 33.4 25.3 37.9

Manual Integrations

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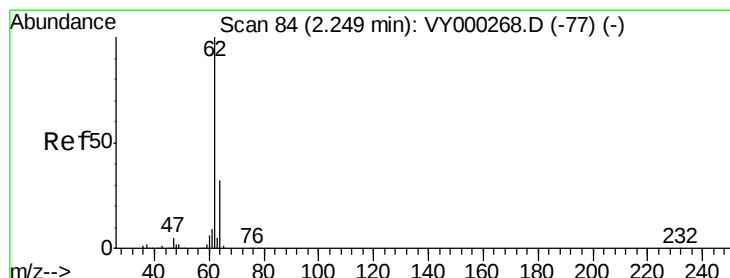
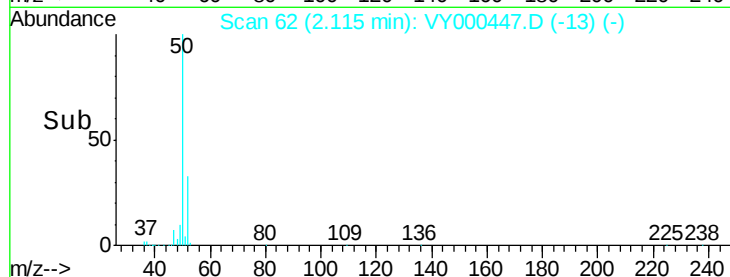
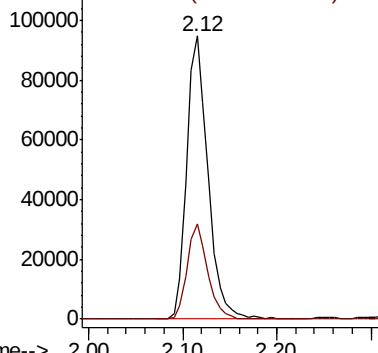
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Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 42.661 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.01 min

Lab File: VY000447.D

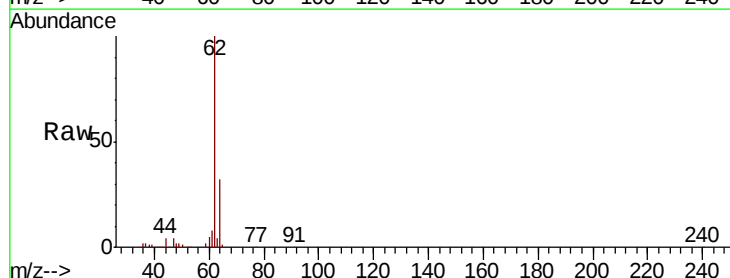
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Tgt Ion: 62 Resp: 111763

Ion Ratio Lower Upper

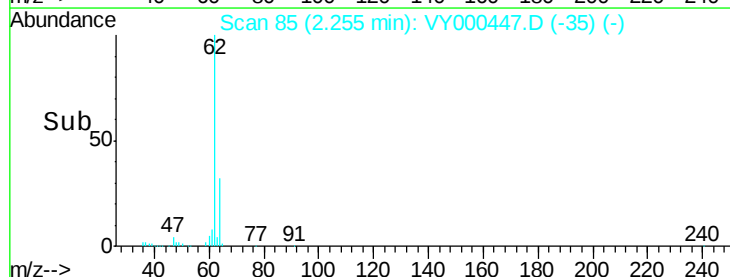
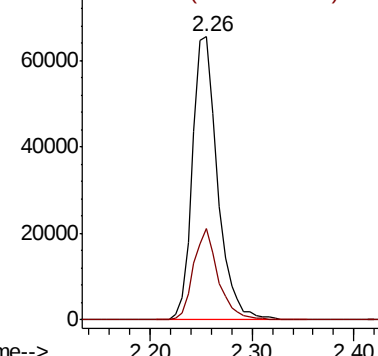
62 100

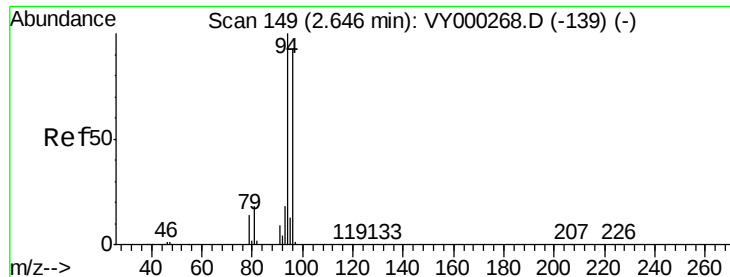
64 32.1 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 71.103 ug/l

RT: 2.65 min Scan# 149

Delta R.T. 0.00 min

Lab File: VY000447.D

Acq: 28 Oct 2019 11:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 138052

Ion Ratio Lower Upper

94 100

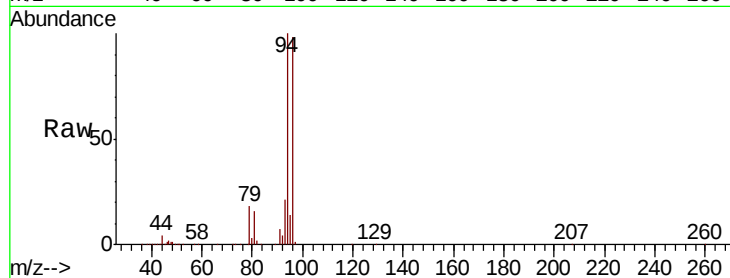
96 97.7 74.2 111.2

Manual Integrations

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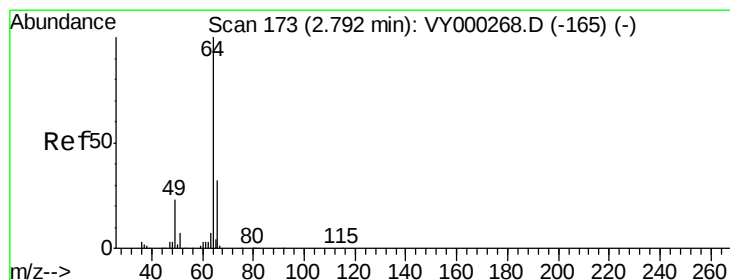
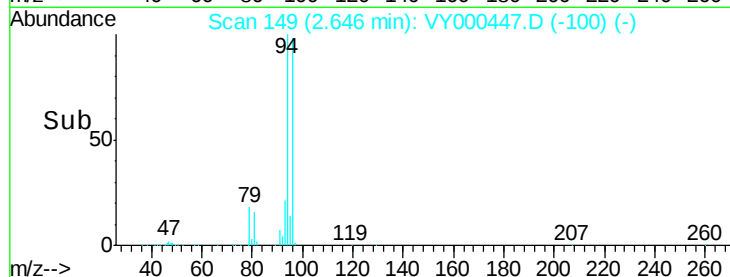
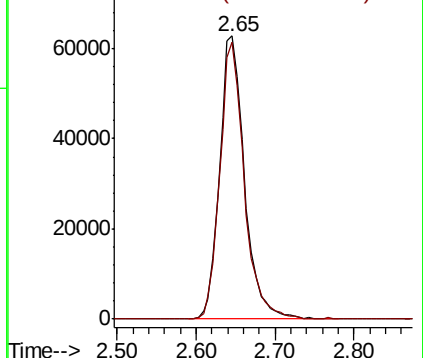
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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 44.639 ug/l

RT: 2.80 min Scan# 174

Delta R.T. 0.01 min

Lab File: VY000447.D

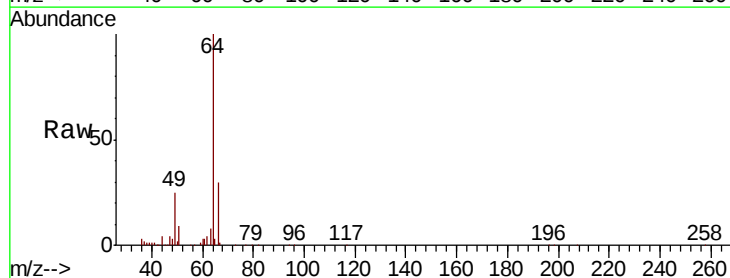
Acq: 28 Oct 2019 11:48

Tgt Ion: 64 Resp: 75455

Ion Ratio Lower Upper

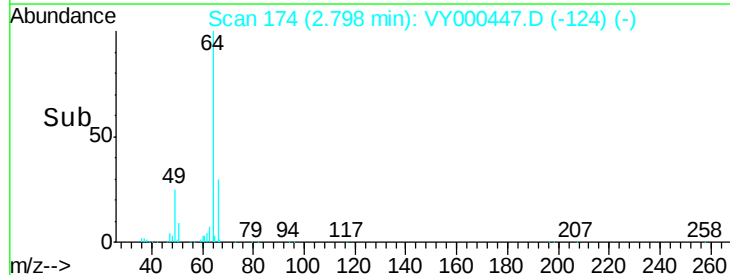
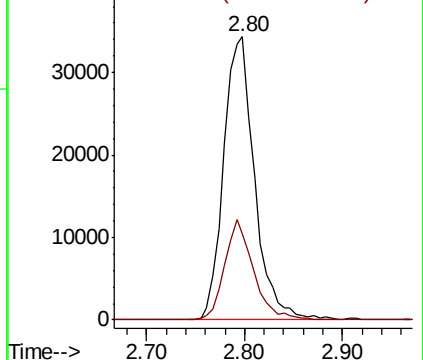
64 100

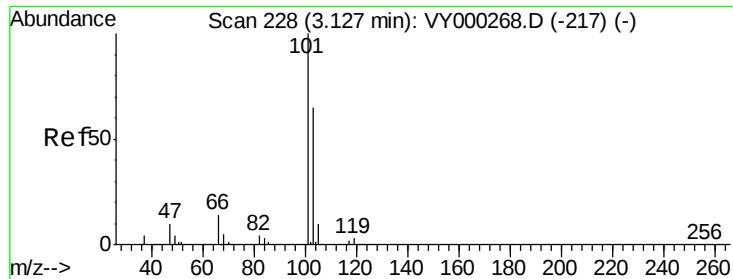
66 30.3 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

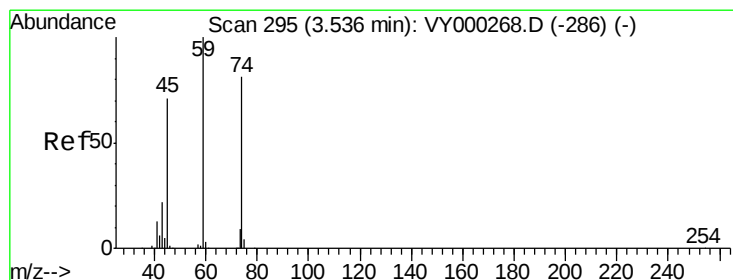
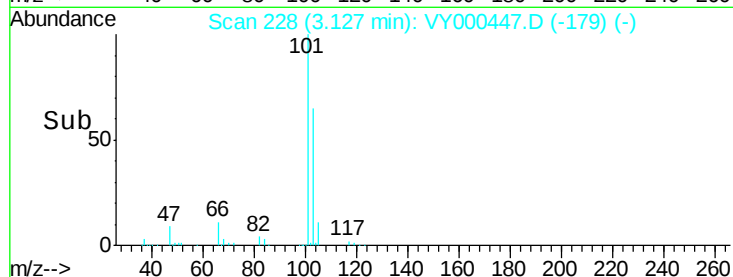
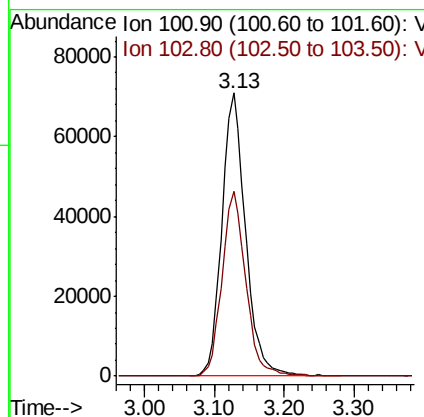
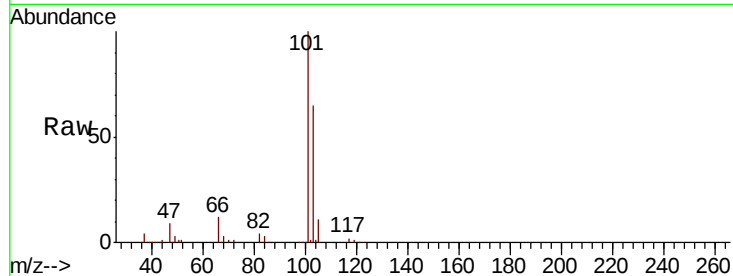
Trichlorofluoromethane
Concen: 46.631 ug/l
RT: 3.13 min Scan# 228
Delta R.T. -0.00 min
Lab File: VY000447.D
Acq: 28 Oct 2019 11:48

Instrument :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	65.3	52.2	78.4

Manual Integrations
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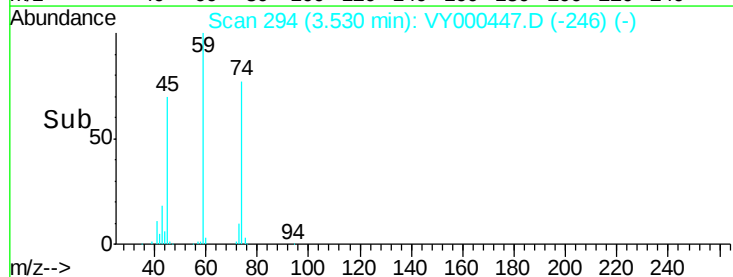
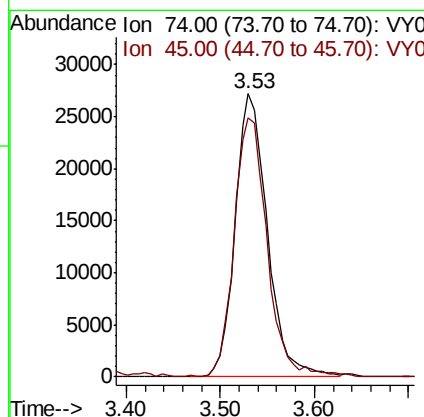
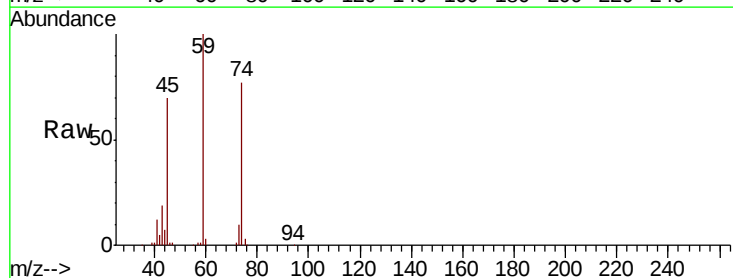
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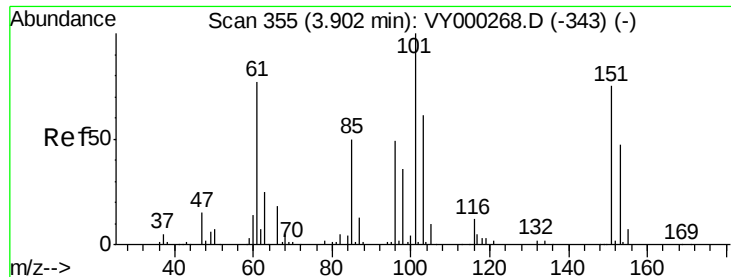


#8

Diethyl Ether
Concen: 51.309 ug/l
RT: 3.53 min Scan# 294
Delta R.T. -0.01 min
Lab File: VY000447.D
Acq: 28 Oct 2019 11:48

Tgt Ion	Ratio	Lower	Upper
74	100		
45	93.9	47.1	141.4





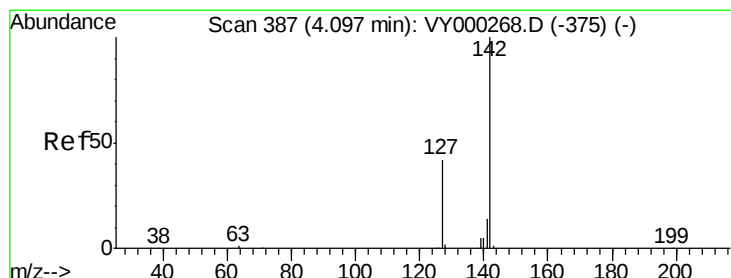
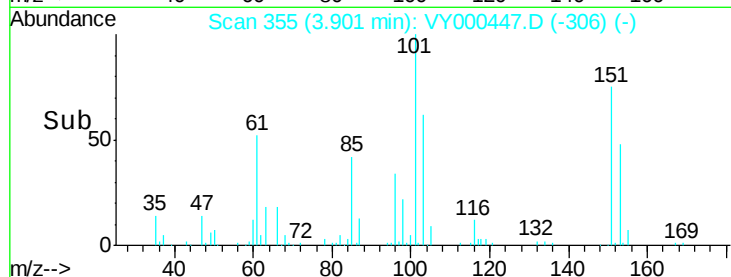
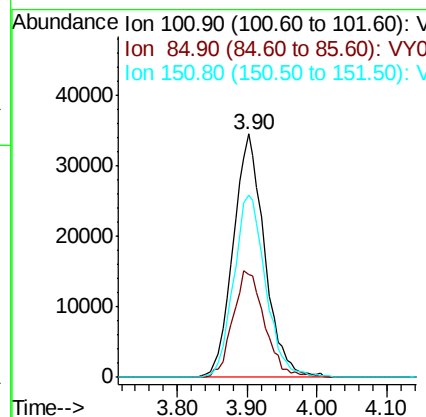
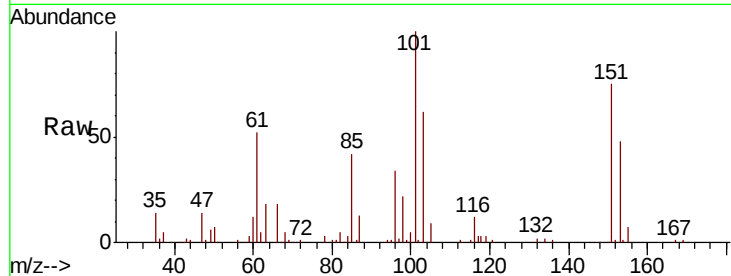
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 49.356 ug/l
 RT: 3.90 min Scan# 355
 Delta R.T. -0.00 min
 Lab File: VY000447.D
 Acq: 28 Oct 2019 11:48

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
101	100	107265		
85	44.4	36.6	55.0	
151	76.3	63.1	94.7	

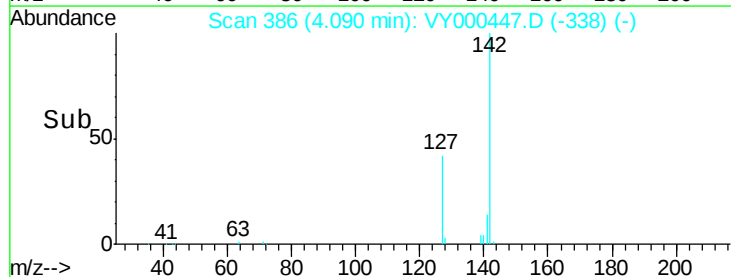
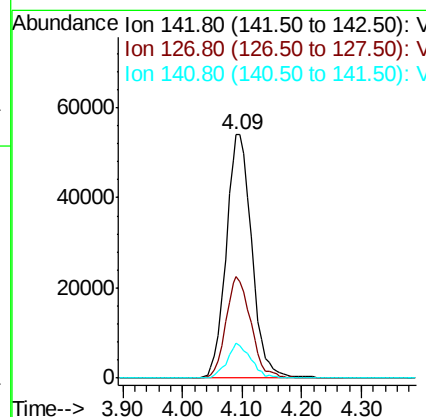
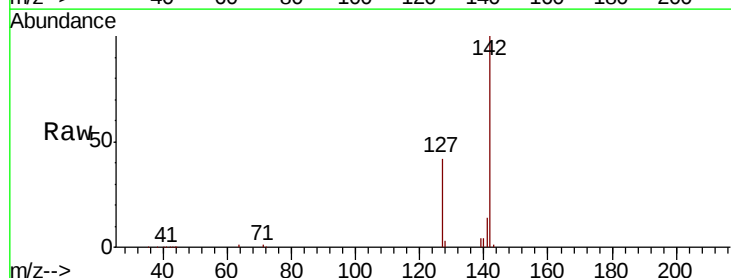
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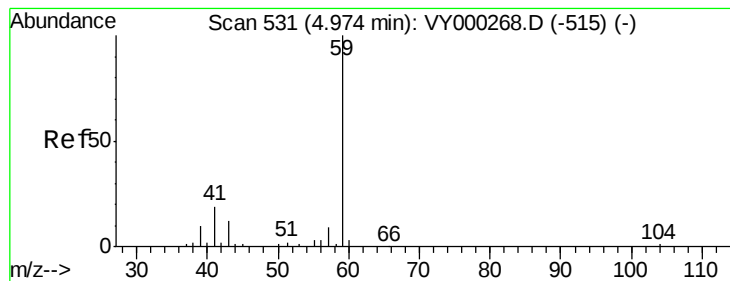
MMDadoda
 10/29/2019 2:06:14 PM



#10
 Methyl Iodide
 Concen: 51.835 ug/l
 RT: 4.09 min Scan# 386
 Delta R.T. -0.01 min
 Lab File: VY000447.D
 Acq: 28 Oct 2019 11:48

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	160594		
127	40.8	33.9	50.9	
141	13.4	11.2	16.8	





#11

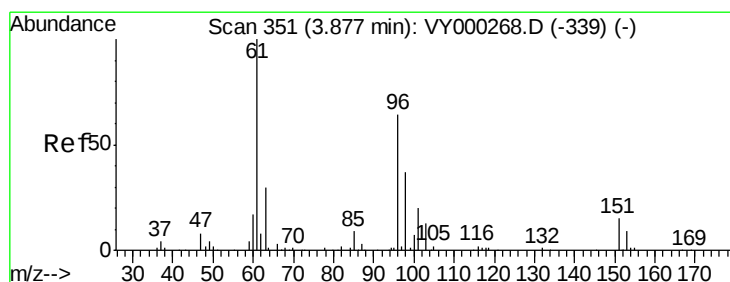
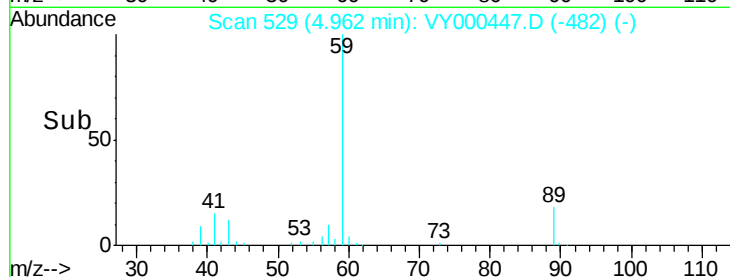
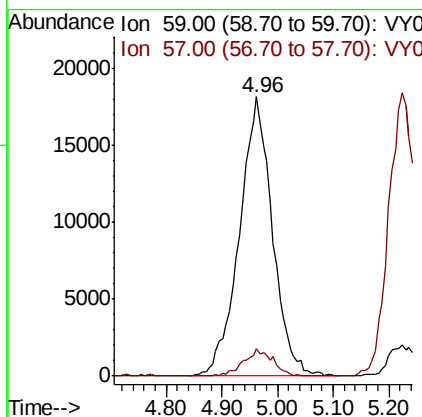
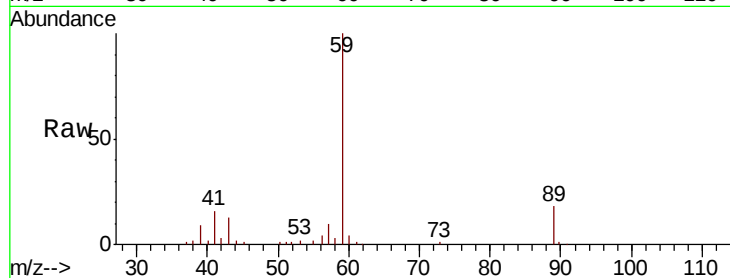
Tert butyl alcohol
Concen: 320.284 ug/l
RT: 4.96 min Scan# 529
Delta R.T. -0.01 min
Lab File: VY000447.D
Acq: 28 Oct 2019 11:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	8.5	8.2	12.2

Manual Integrations
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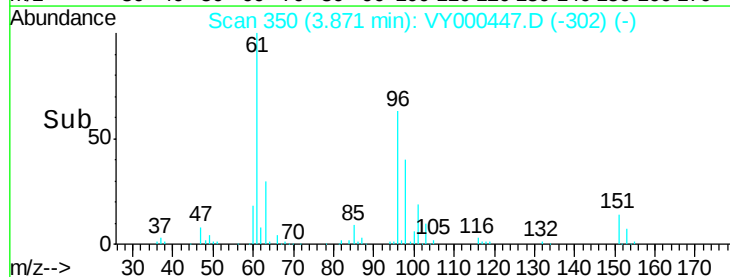
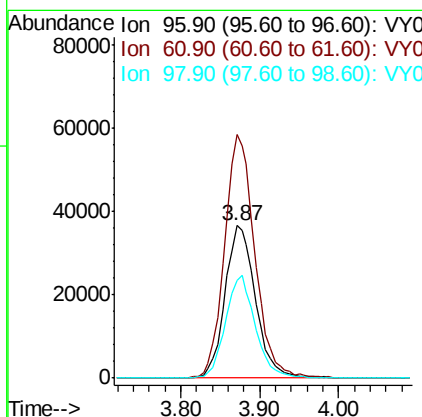
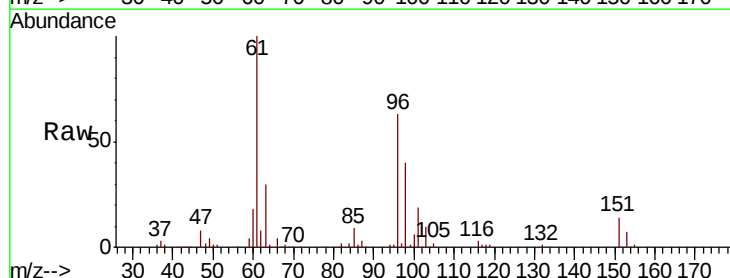
MMDadoda
10/29/2019 2:06:14 PM

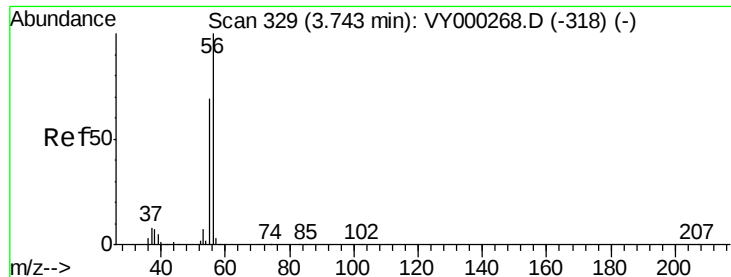


#12

1,1-Dichloroethene
Concen: 45.936 ug/l
RT: 3.87 min Scan# 350
Delta R.T. -0.01 min
Lab File: VY000447.D
Acq: 28 Oct 2019 11:48

Tgt Ion	Ratio	Lower	Upper
96	100		
61	159.7	125.8	188.6
98	64.1	46.2	69.2





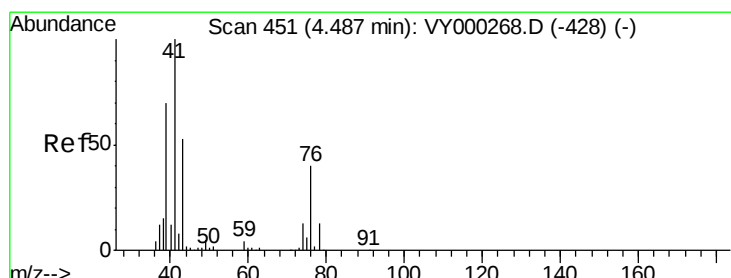
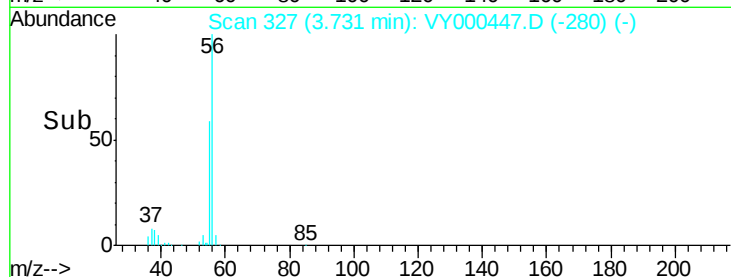
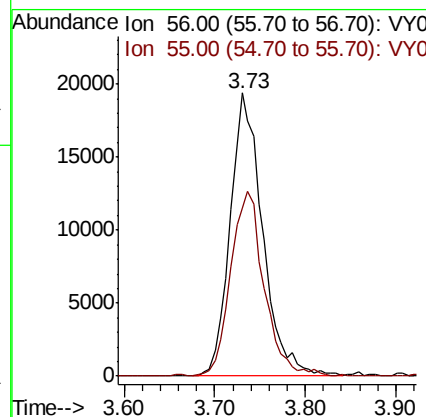
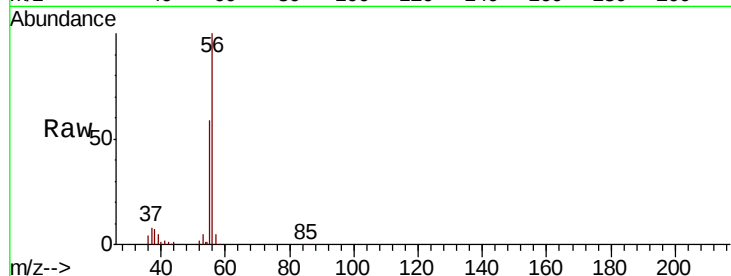
#13
Acrolein
Concen: 174.891 ug/l
RT: 3.73 min Scan# 327
Delta R.T. -0.01 min
Lab File: VY000447.D
Acq: 28 Oct 2019 11:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	56	Resp	48083
Ion Ratio	100	Lower	Upper
56	100		
55	67.5	55.7	83.5

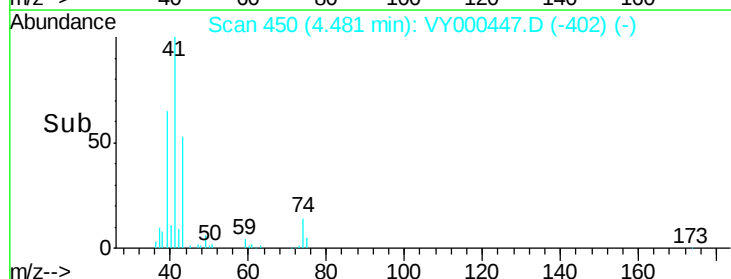
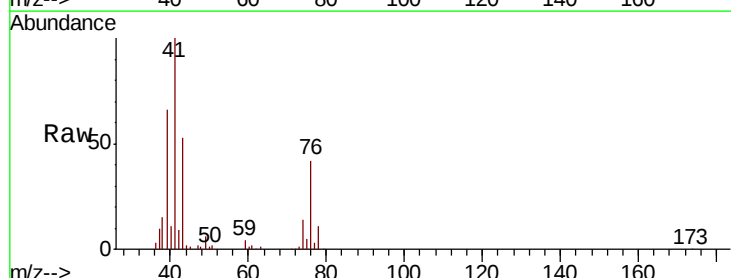
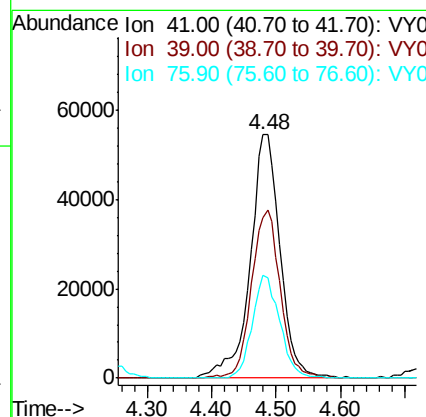
Manual Integrations
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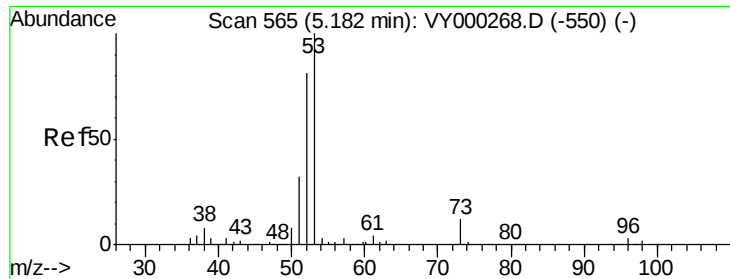
MMDadoda
10/29/2019 2:06:14 PM



#14
Allyl chloride
Concen: 48.794 ug/l
RT: 4.48 min Scan# 450
Delta R.T. -0.01 min
Lab File: VY000447.D
Acq: 28 Oct 2019 11:48

Tgt Ion	41	Resp	173488
Ion Ratio	100	Lower	Upper
41	100		
39	66.3	54.0	81.0
76	38.4	30.7	46.1





#15

Acrylonitrile

Concen: 267.073 ug/l

RT: 5.17 min Scan# 563

Delta R.T. -0.01 min

Lab File: VY000447.D

Acq: 28 Oct 2019 11:48

Instrument :

MSVOA_Y

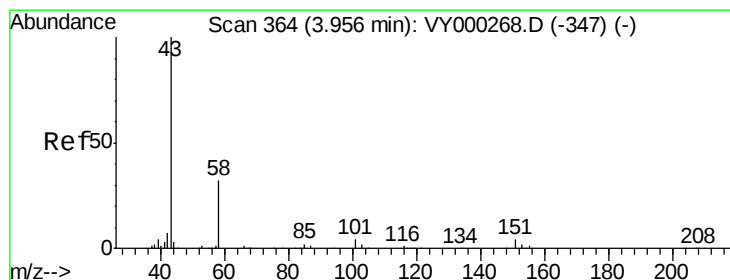
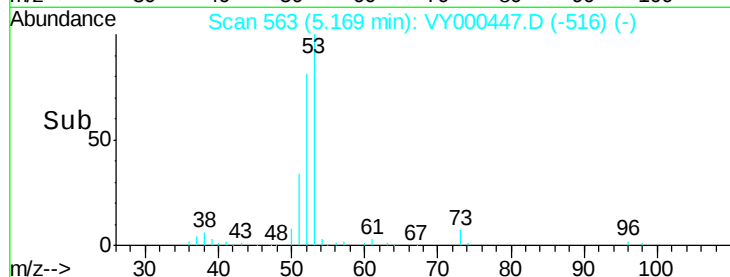
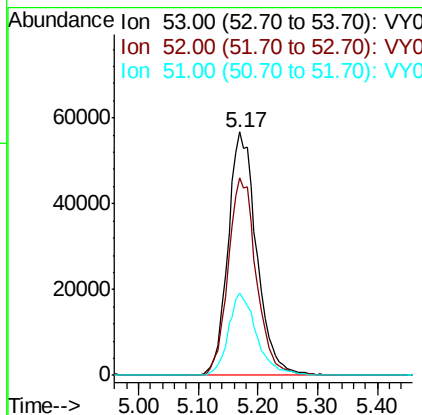
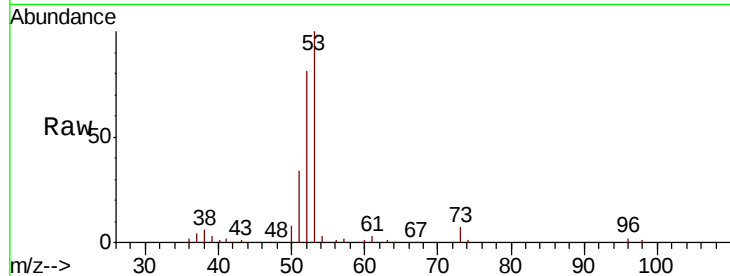
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	189244
Ion	Ratio	Lower	Upper
53	100		
52	79.8	62.9	94.3
51	33.4	26.9	40.3

Manual Integrations
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#16

Acetone

Concen: 292.600 ug/l

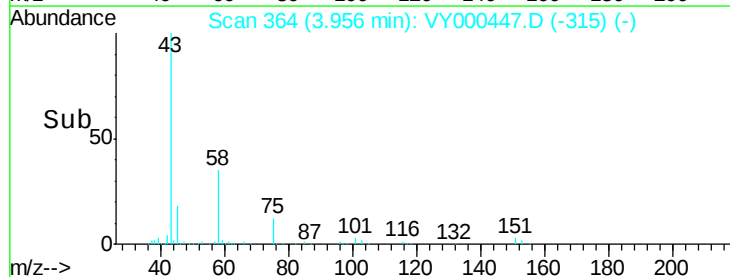
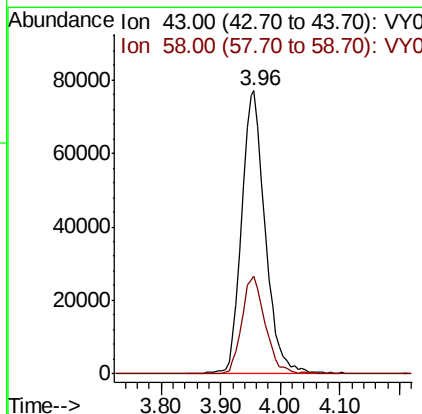
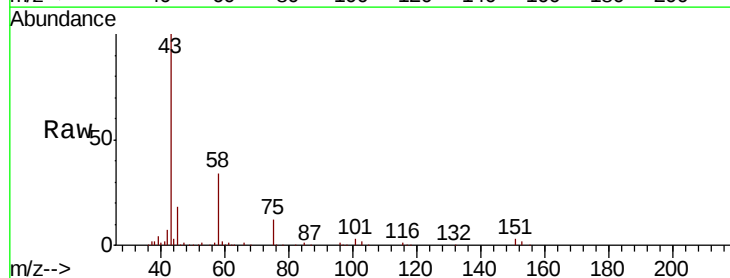
RT: 3.96 min Scan# 364

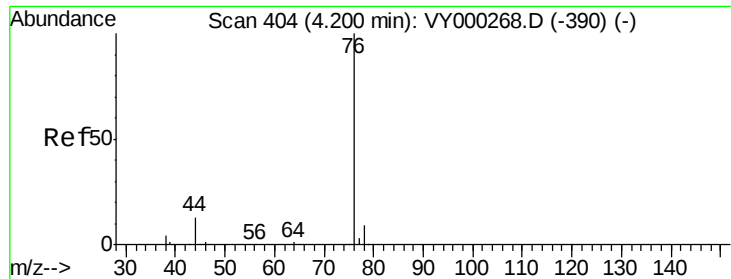
Delta R.T. -0.00 min

Lab File: VY000447.D

Acq: 28 Oct 2019 11:48

Tgt Ion:	43	Resp:	212332
Ion	Ratio	Lower	Upper
43	100		
58	34.4	25.8	38.6





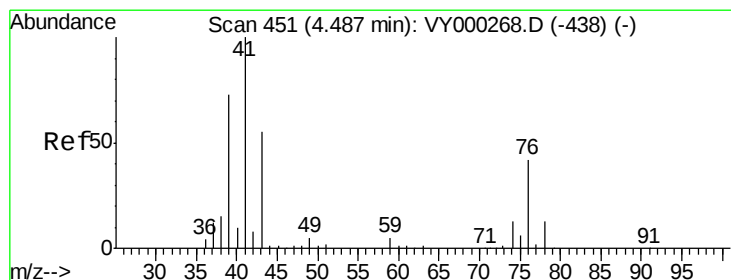
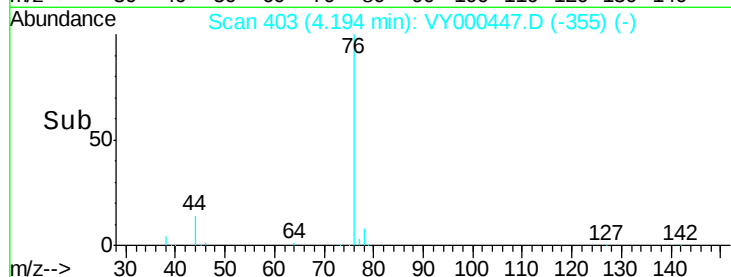
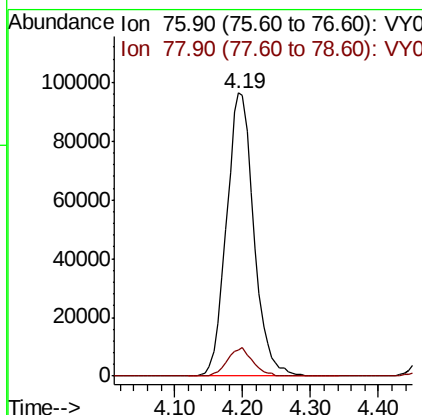
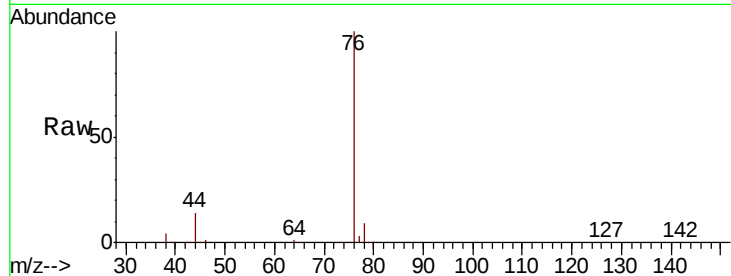
#17
Carbon Disulfide
Concen: 39.699 ug/l
RT: 4.19 min Scan# 403
Delta R.T. -0.01 min
Lab File: VY000447.D
Acq: 28 Oct 2019 11:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.0	10.4

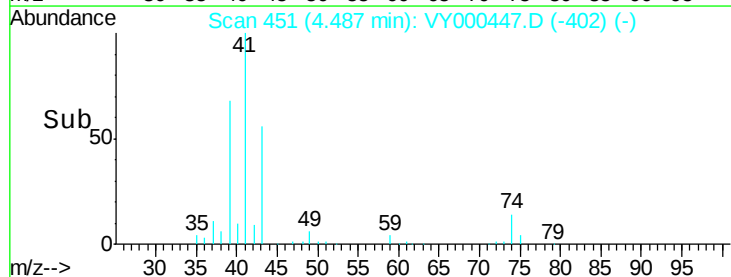
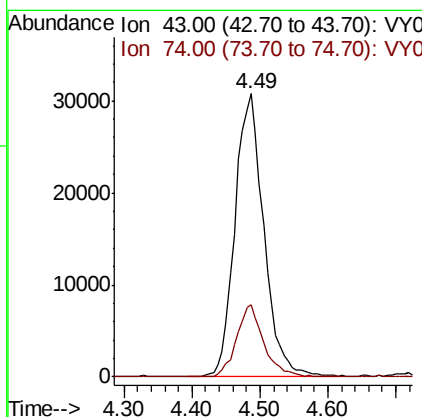
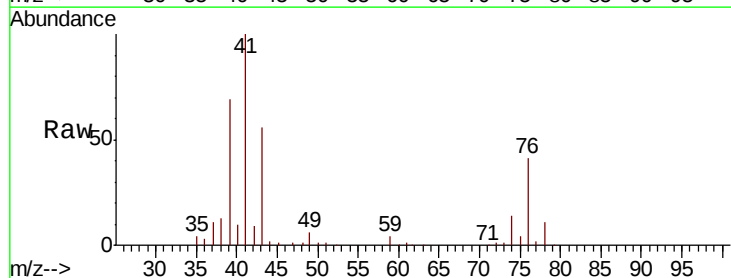
Manual Integrations
APPROVED

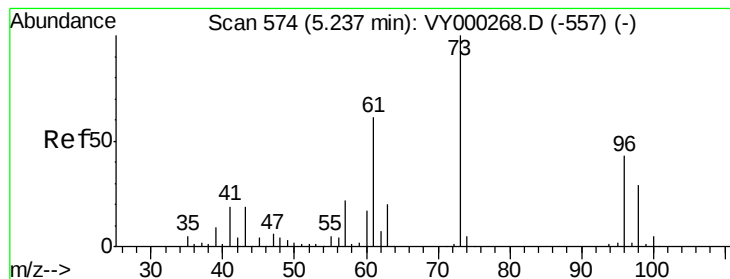
MMDadoda
10/29/2019 2:06:14 PM



#18
Methyl Acetate
Concen: 50.424 ug/l
RT: 4.49 min Scan# 451
Delta R.T. -0.00 min
Lab File: VY000447.D
Acq: 28 Oct 2019 11:48

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.8	20.4	30.6





#19

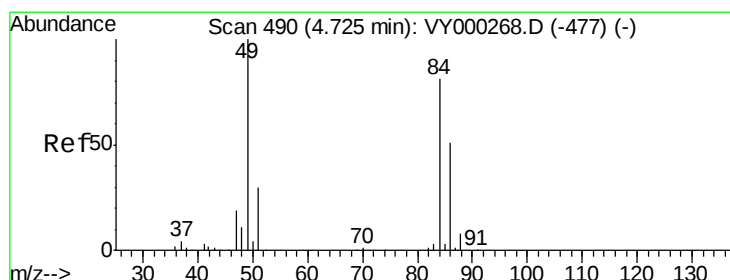
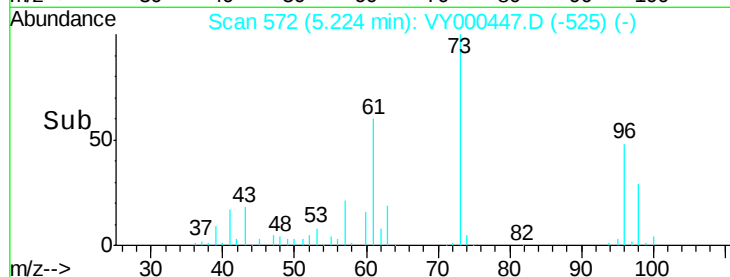
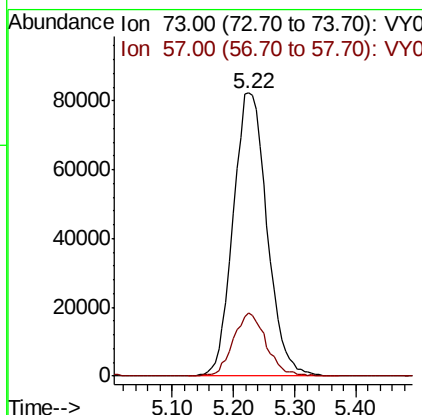
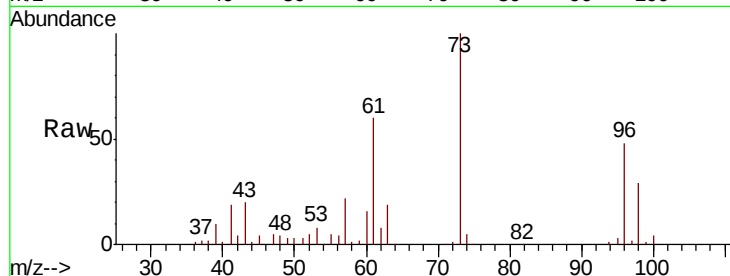
Methyl tert-butyl Ether
 Concen: 52.776 ug/l
 RT: 5.22 min Scan# 572
 Delta R.T. -0.01 min
 Lab File: VY000447.D
 Acq: 28 Oct 2019 11:48

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.4	17.4	26.0

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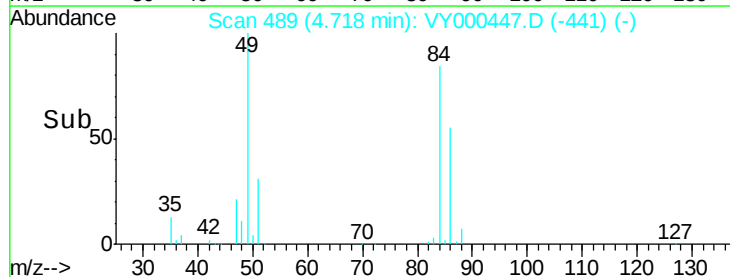
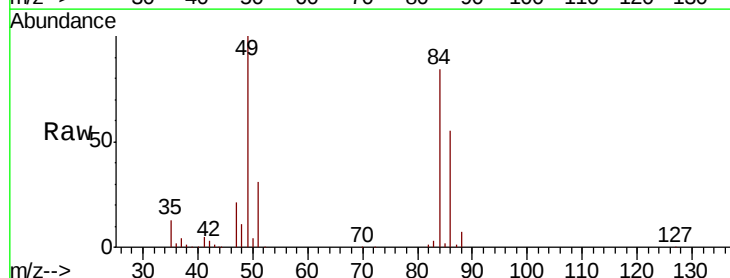
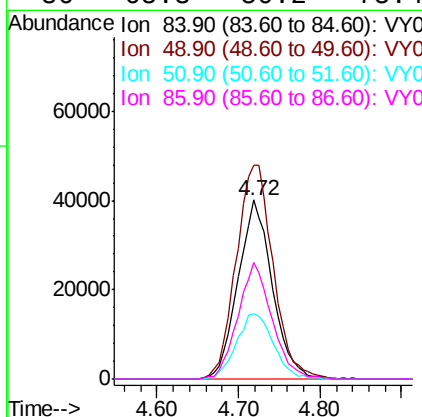
MMDadoda
 10/29/2019 2:06:14 PM



#20

Methylene Chloride
 Concen: 47.715 ug/l
 RT: 4.72 min Scan# 489
 Delta R.T. -0.01 min
 Lab File: VY000447.D
 Acq: 28 Oct 2019 11:48

Tgt Ion	Ratio	Lower	Upper
84	100		
49	119.4	99.0	148.4
51	36.7	29.3	43.9
86	65.3	50.2	75.4





#21

trans-1,2-Dichloroethene

Concen: 47.948 ug/l

RT: 5.22 min Scan# 572

Delta R.T. -0.00 min

Lab File: VY000447.D

Acq: 28 Oct 2019 11:48

Instrument :

MSVOA_Y

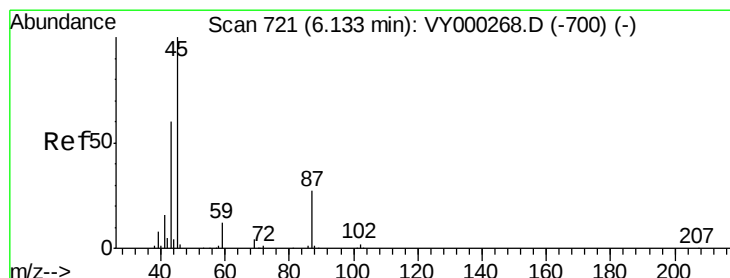
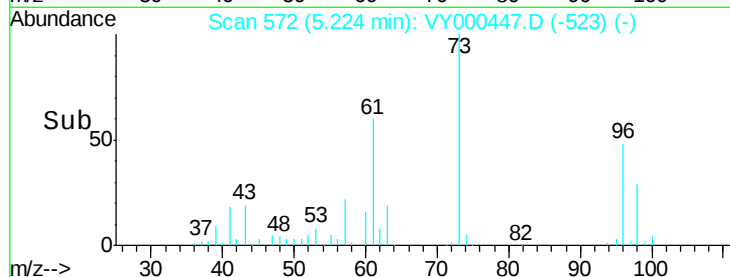
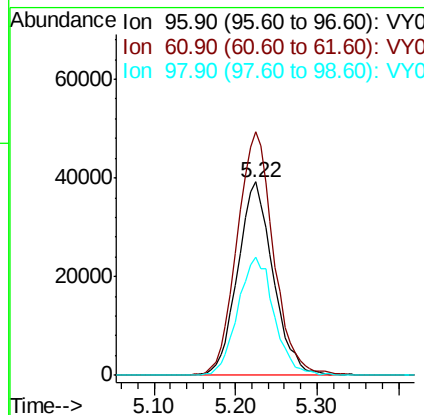
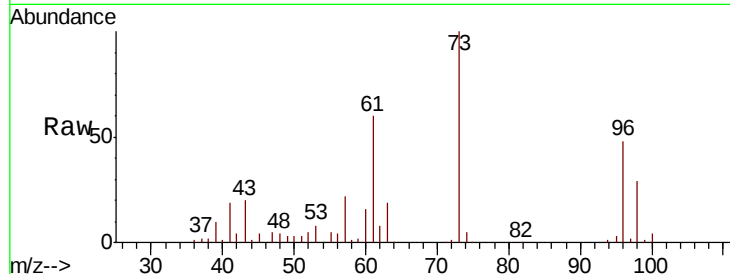
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	118027
Ion	Ratio	Lower	Upper
96	100		
61	126.0	100.4	150.6
98	61.3	44.6	66.8

Manual Integrations
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#22

Diisopropyl ether

Concen: 53.507 ug/l

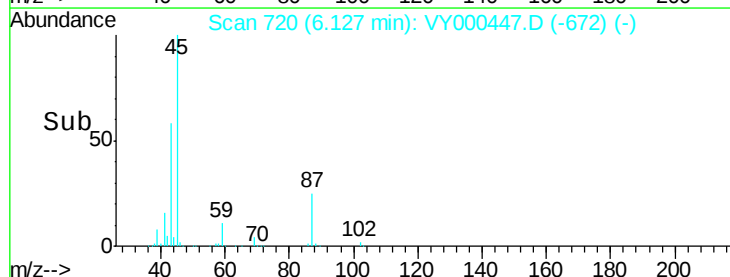
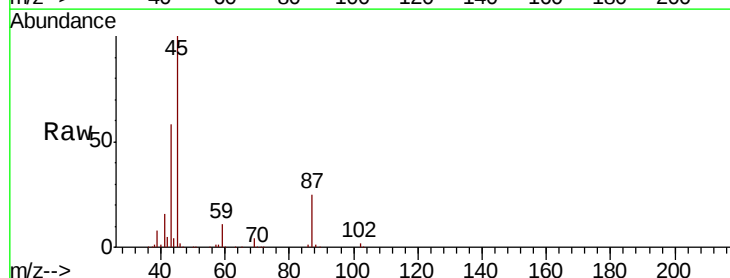
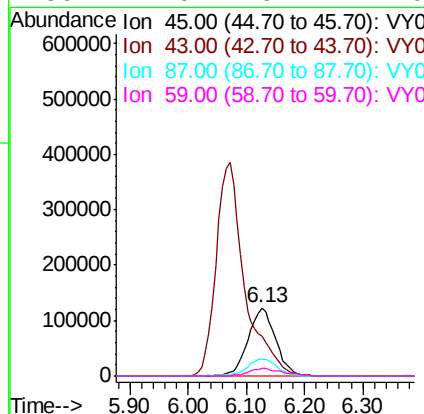
RT: 6.13 min Scan# 720

Delta R.T. -0.01 min

Lab File: VY000447.D

Acq: 28 Oct 2019 11:48

Tgt Ion:	45	Resp:	402370
Ion	Ratio	Lower	Upper
45	100		
43	57.3	48.5	72.7
87	25.0	21.5	32.3
59	11.0	9.4	14.0





#23

Vinyl Acetate

Concen: 266.997 ug/l

RT: 6.07 min Scan# 711

Delta R.T. -0.01 min

Lab File: VY000447.D

Acq: 28 Oct 2019 11:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1309865

Ion Ratio Lower Upper

43 100

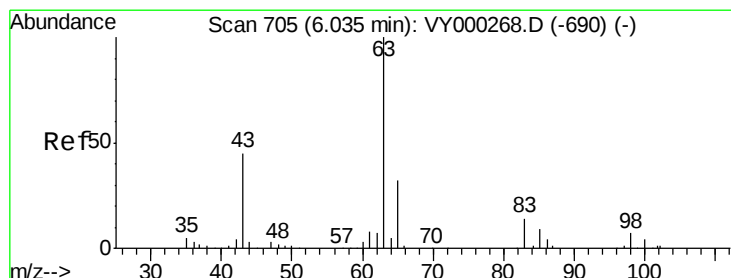
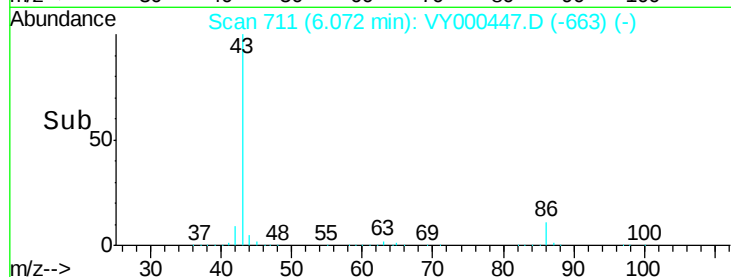
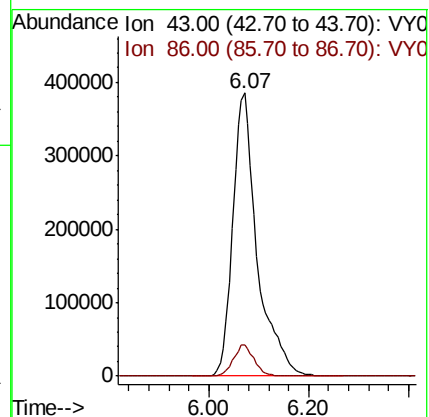
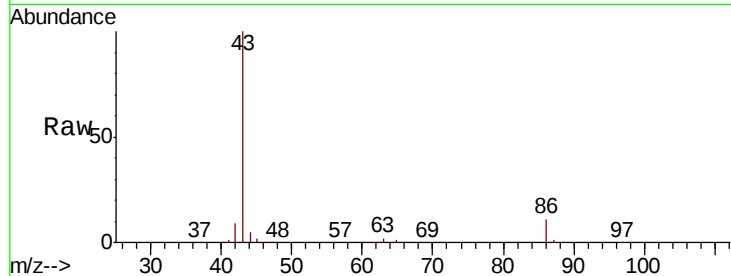
86 10.9 8.6 13.0

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 51.006 ug/l

RT: 6.02 min Scan# 703

Delta R.T. -0.01 min

Lab File: VY000447.D

Acq: 28 Oct 2019 11:48

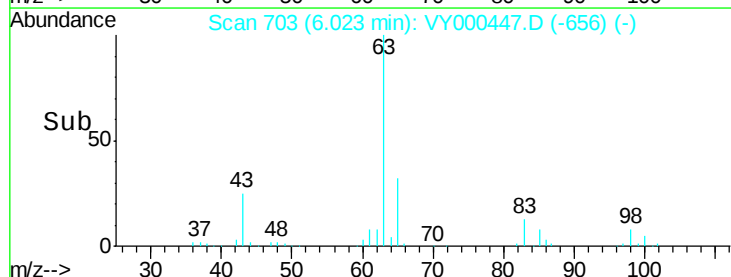
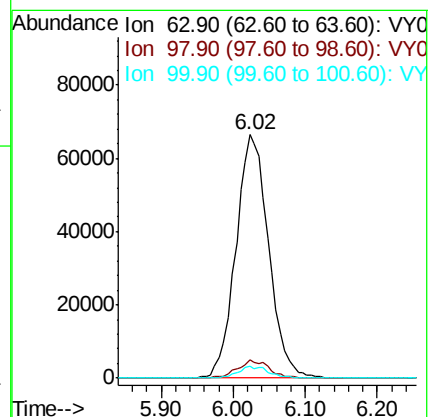
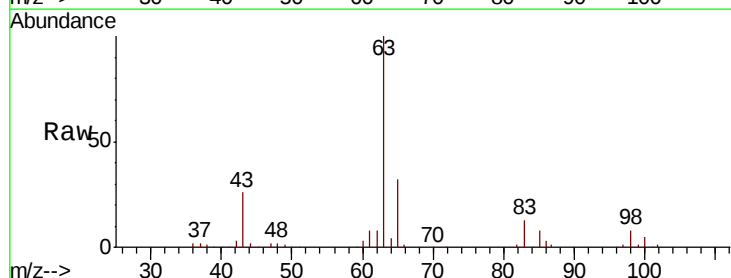
Tgt Ion: 63 Resp: 209363

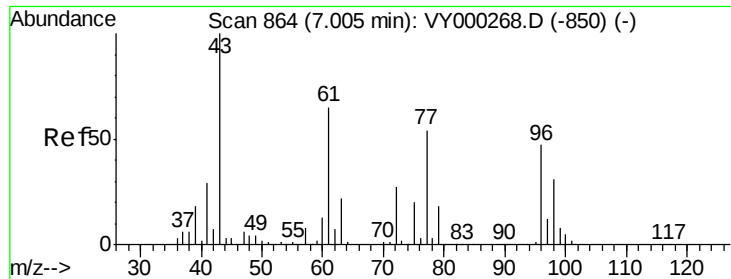
Ion Ratio Lower Upper

63 100

98 7.6 3.5 10.4

100 4.9 2.1 6.2





#25

2-Butanone

Concen: 284.337 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.01 min

Lab File: VY000447.D

Acq: 28 Oct 2019 11:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 290662

Ion Ratio Lower Upper

43 100

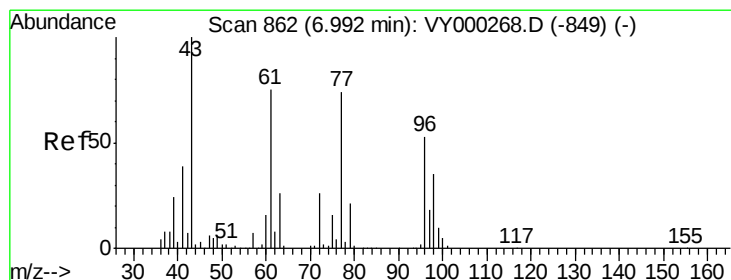
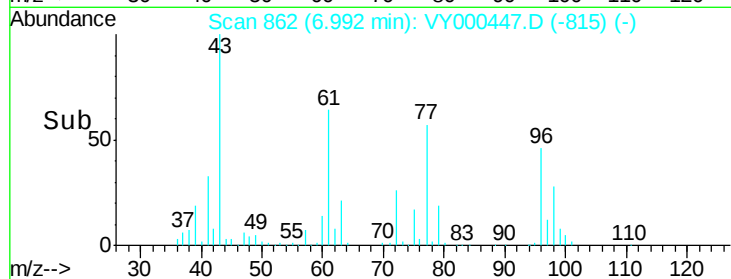
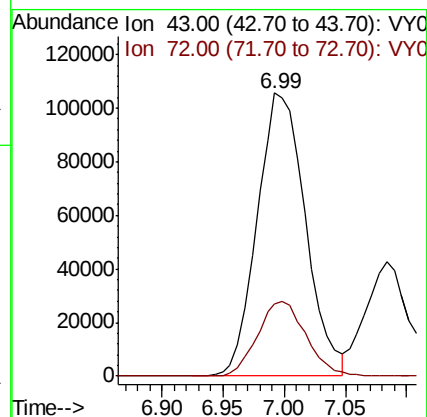
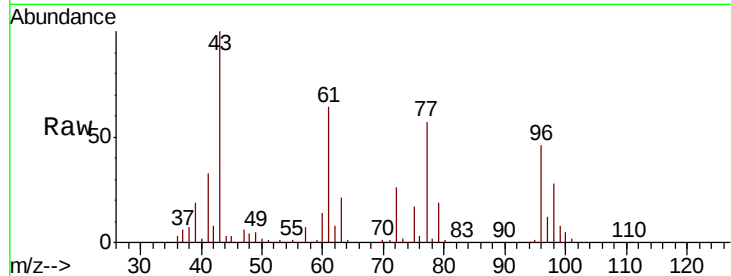
72 25.7 21.4 32.2

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 49.602 ug/l

RT: 6.99 min Scan# 861

Delta R.T. -0.01 min

Lab File: VY000447.D

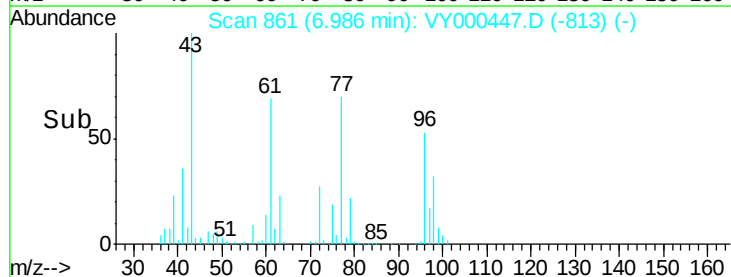
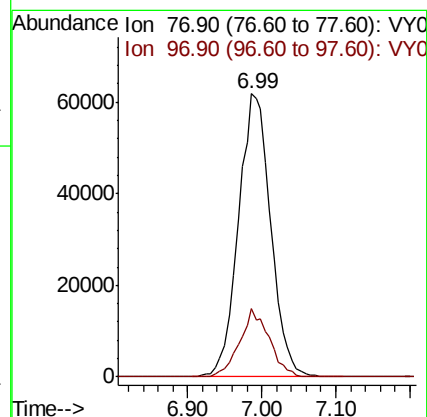
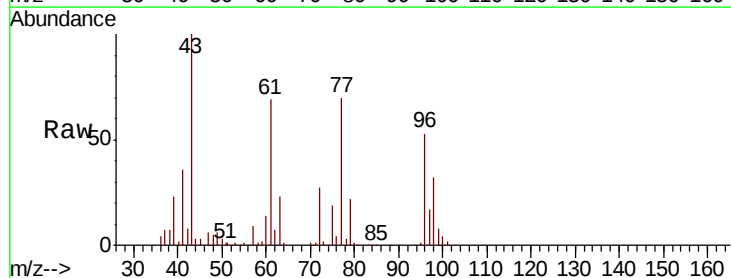
Acq: 28 Oct 2019 11:48

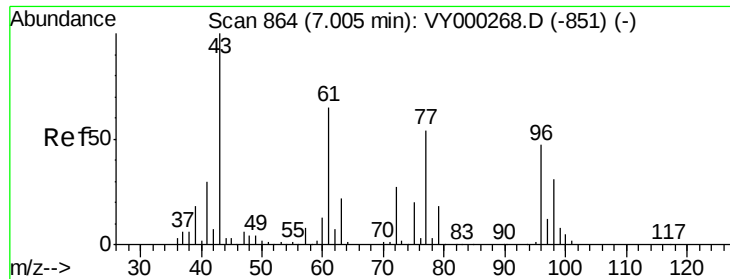
Tgt Ion: 77 Resp: 187610

Ion Ratio Lower Upper

77 100

97 22.1 11.6 34.7





#27

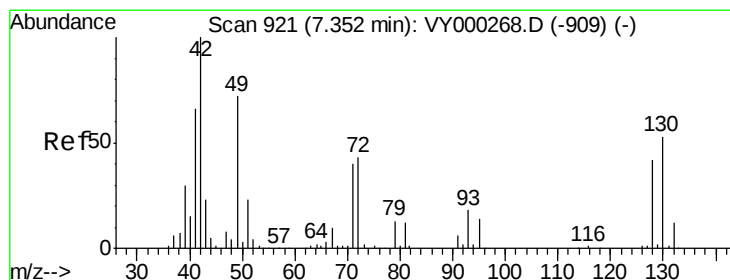
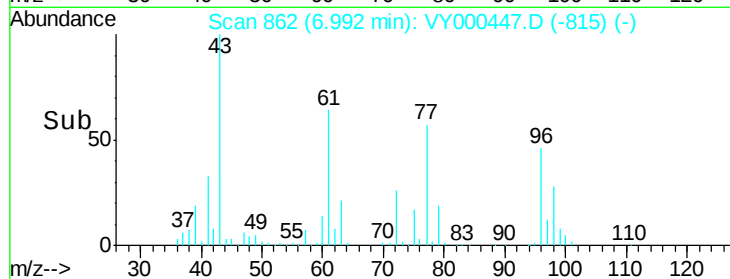
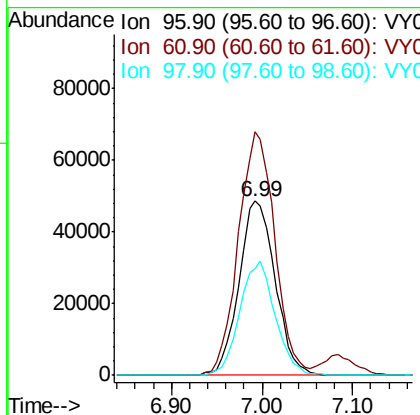
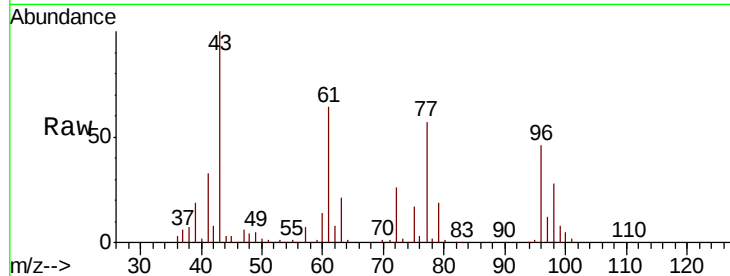
cis-1,2-Dichloroethene
Concen: 50.538 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.01 min
Lab File: VY000447.D
Acq: 28 Oct 2019 11:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	134612		
61	140.5	0.0	289.8	
98	63.7	0.0	131.8	

Manual Integrations
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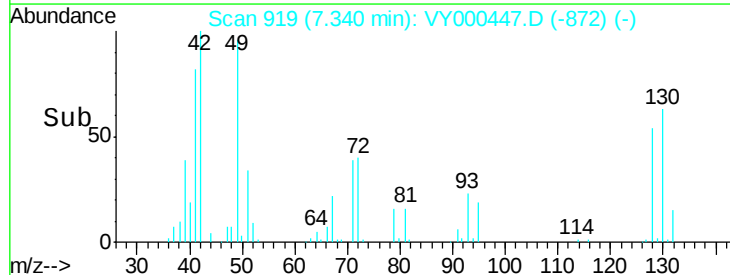
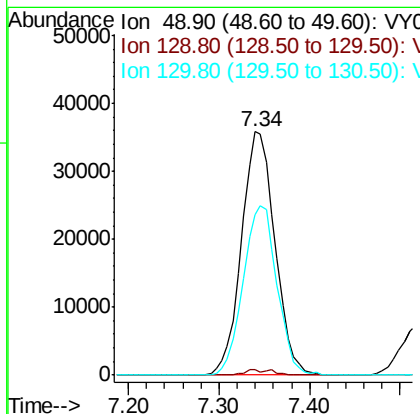
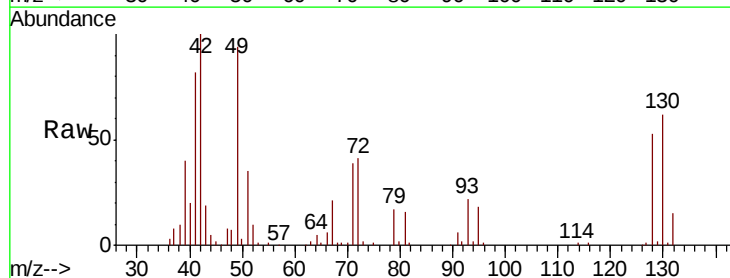
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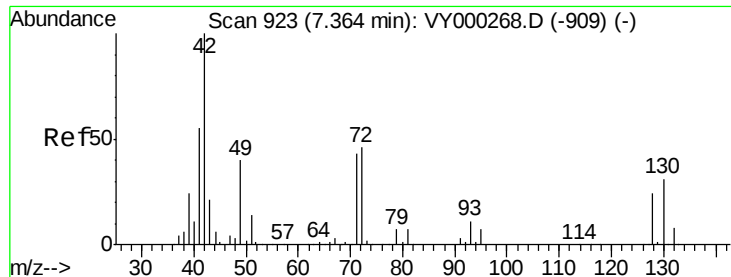


#28

Bromochloromethane
Concen: 51.847 ug/l
RT: 7.34 min Scan# 919
Delta R.T. -0.01 min
Lab File: VY000447.D
Acq: 28 Oct 2019 11:48

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	91359		
129	1.9	0.0	4.0	
130	70.3	58.2	87.2	





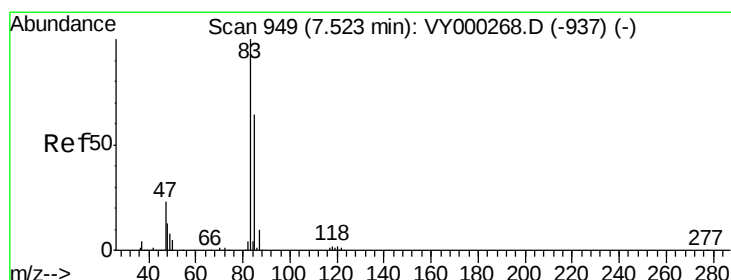
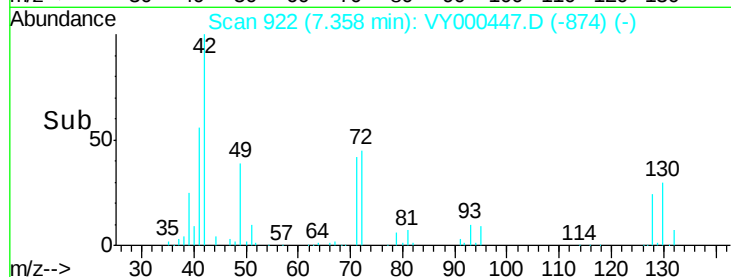
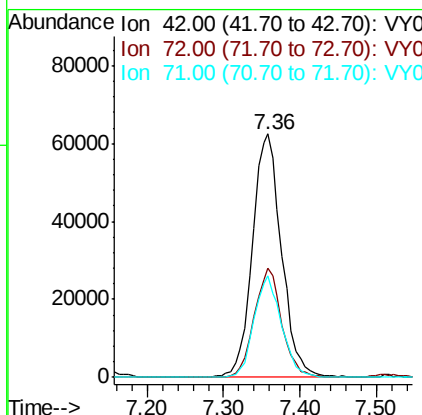
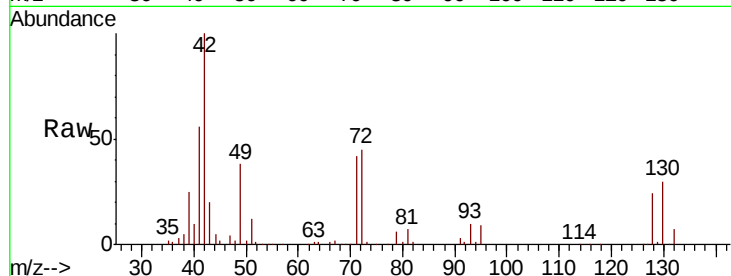
#29
Tetrahydrofuran
Concen: 267.312 ug/l
RT: 7.36 min Scan# 922
Delta R.T. -0.01 min
Lab File: VY000447.D
Acq: 28 Oct 2019 11:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.6	34.5	51.7
71	39.2	32.7	49.1

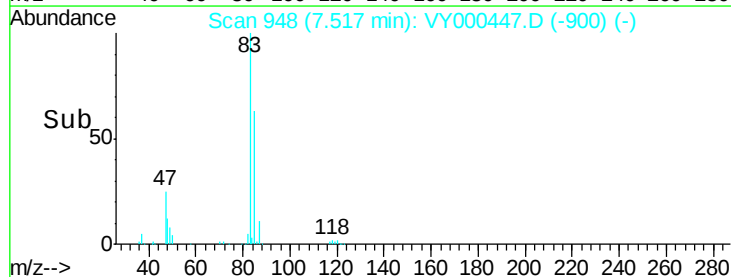
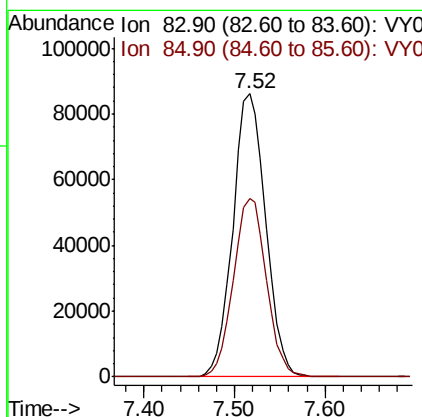
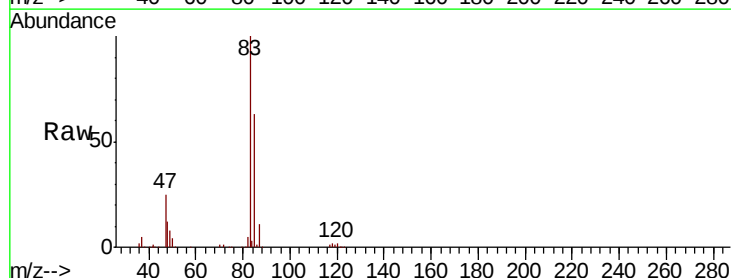
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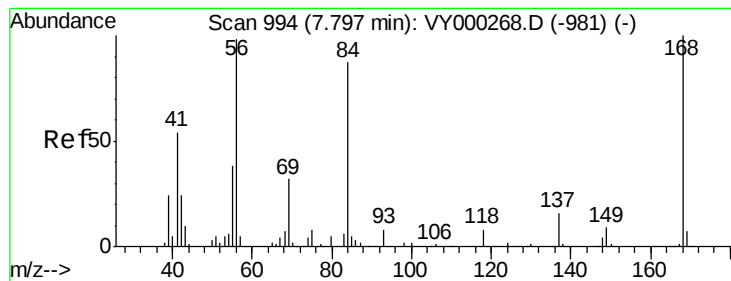
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#30
Chloroform
Concen: 52.283 ug/l
RT: 7.52 min Scan# 948
Delta R.T. -0.01 min
Lab File: VY000447.D
Acq: 28 Oct 2019 11:48

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.0	51.4	77.2





#31

Cyclohexane

Concen: 45.790 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.01 min

Lab File: VY000447.D

Acq: 28 Oct 2019 11:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 196307

Ion Ratio Lower Upper

56 100

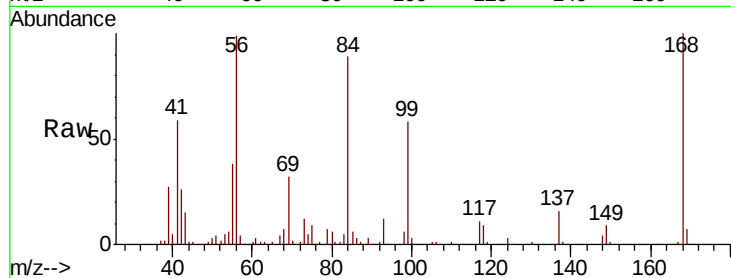
69 32.7 26.3 39.5

84 89.5 70.8 106.2

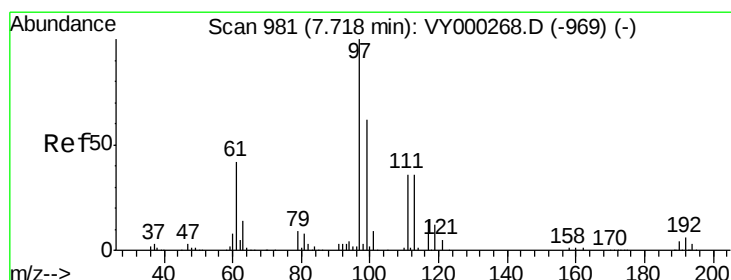
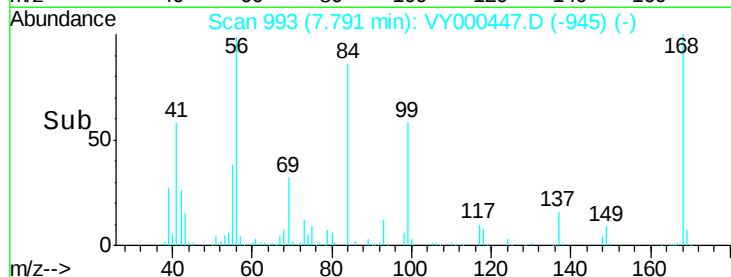
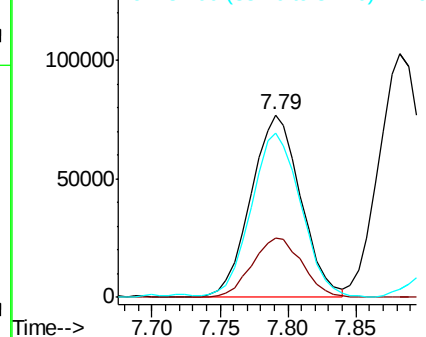
Manual Integrations
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Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0



#32

1,1,1-Trichloroethane

Concen: 51.703 ug/l

RT: 7.71 min Scan# 979

Delta R.T. -0.01 min

Lab File: VY000447.D

Acq: 28 Oct 2019 11:48

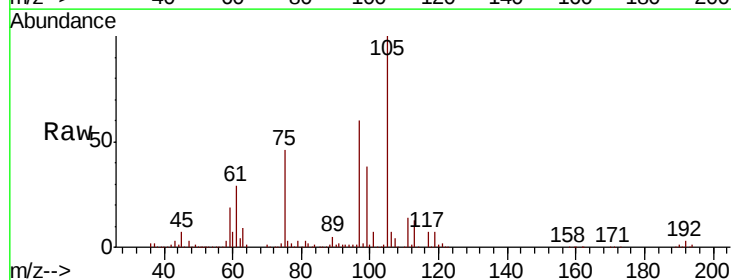
Tgt Ion: 97 Resp: 190010

Ion Ratio Lower Upper

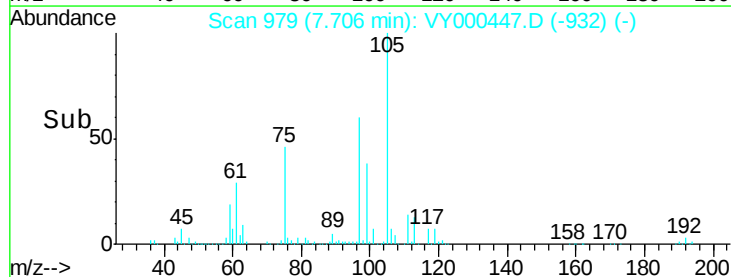
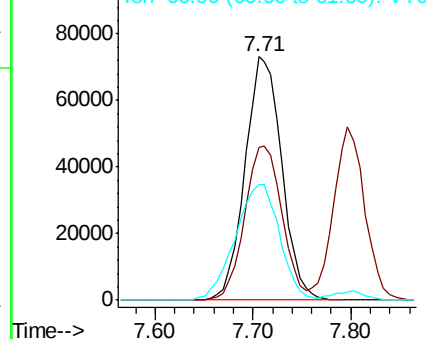
97 100

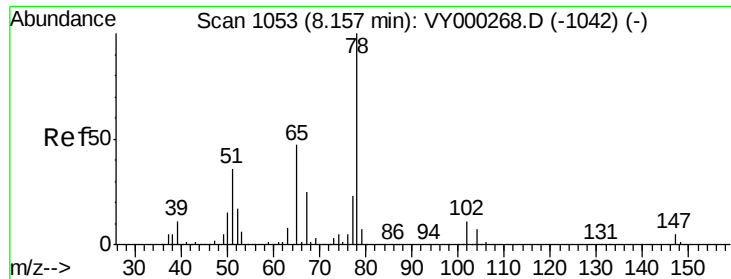
99 64.5 51.7 77.5

61 57.4 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





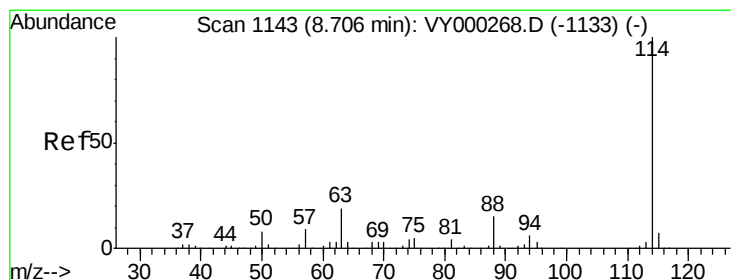
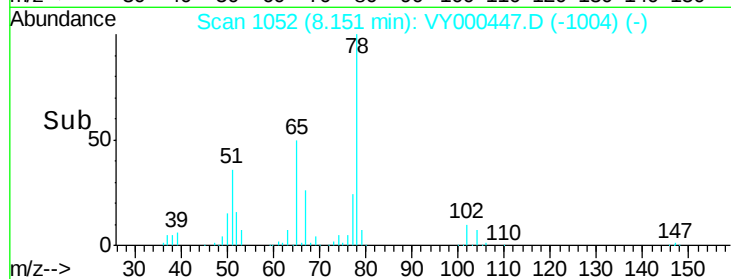
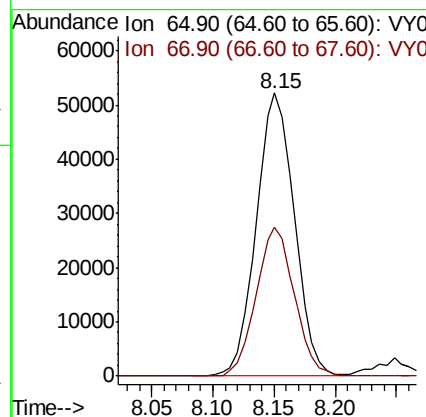
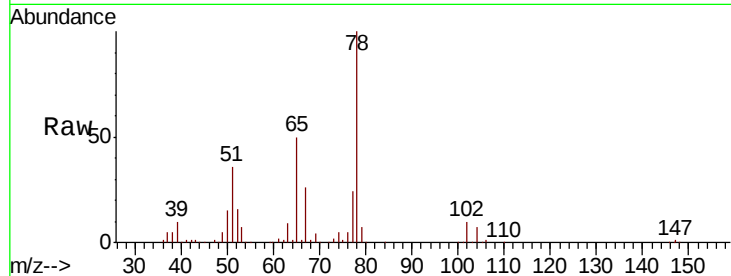
#33
 1,2-Dichloroethane-d4
 Concen: 50.583 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: VY000447.D
 Acq: 28 Oct 2019 11:48

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.7	0.0	109.4

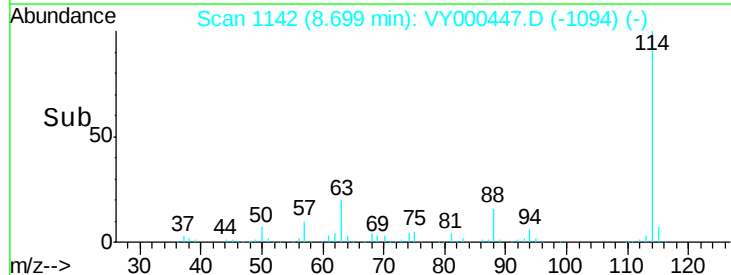
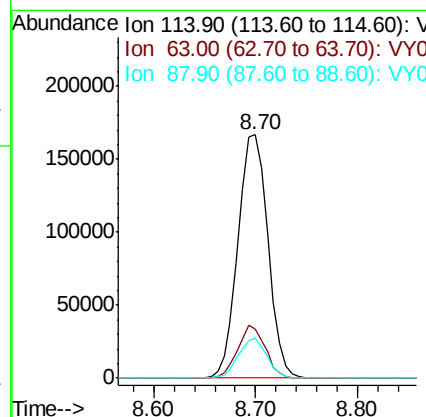
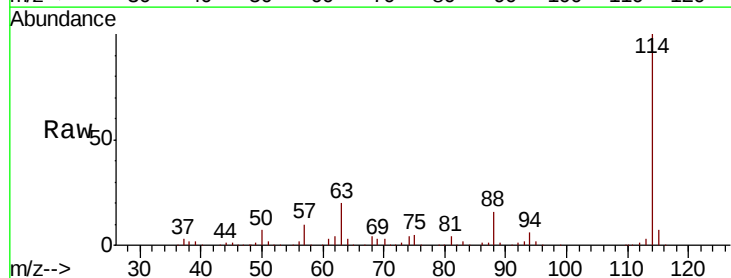
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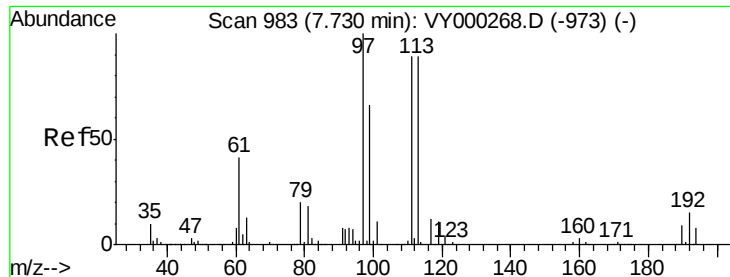
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: VY000447.D
 Acq: 28 Oct 2019 11:48

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	37.2
88	16.3	0.0	30.2





#35

Dibromofluoromethane

Concen: 50.838 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.00 min

Lab File: VY000447.D

Acq: 28 Oct 2019 11:48

Instrument :

MSVOA_Y

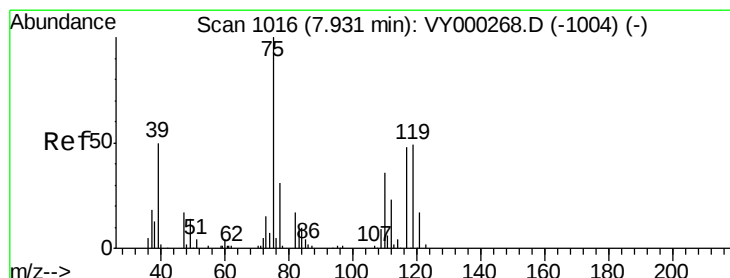
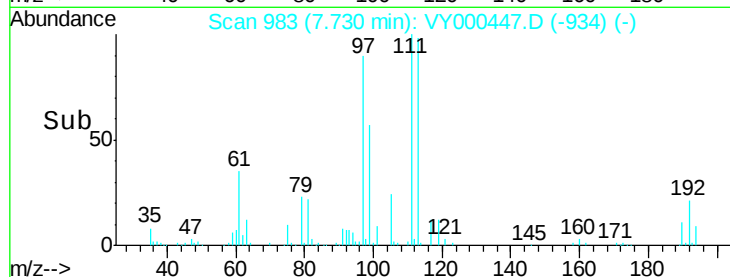
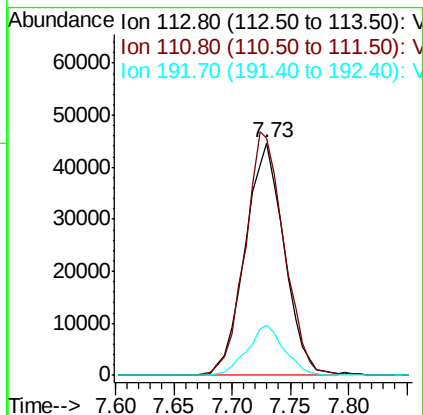
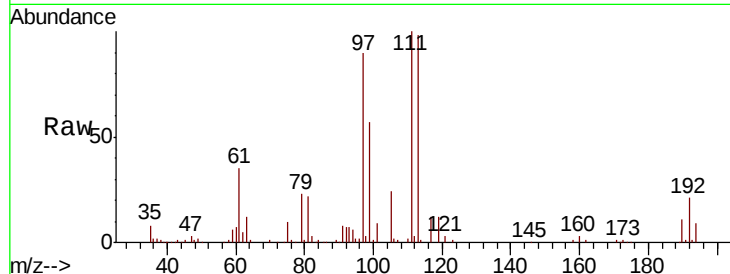
ClientSampleId :

VSTDCCC050

Tot Ion:	113	Resp:	104094
Ion	Ratio	Lower	Upper
113	100		
111	104.7	81.6	122.4
192	20.4	15.3	22.9

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#36

1,1-Dichloropropene

Concen: 49.518 ug/l

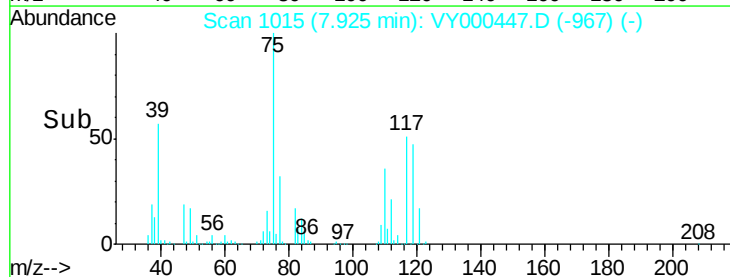
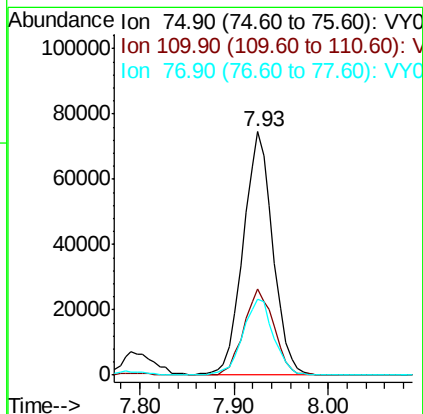
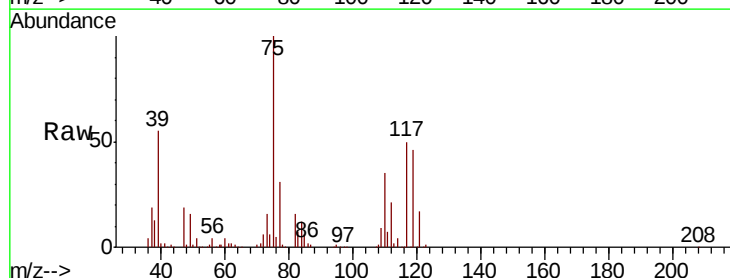
RT: 7.93 min Scan# 1015

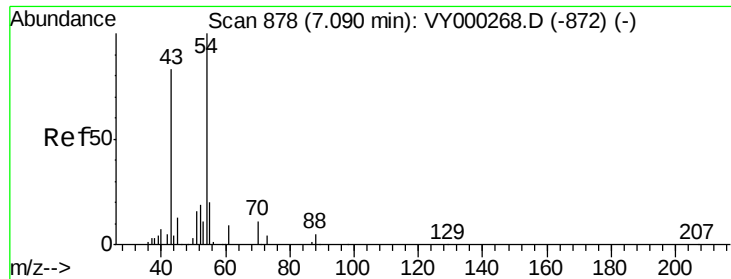
Delta R.T. -0.01 min

Lab File: VY000447.D

Acq: 28 Oct 2019 11:48

Tgt Ion:	75	Resp:	164567
Ion	Ratio	Lower	Upper
75	100		
110	35.9	18.4	55.4
77	32.4	25.0	37.6





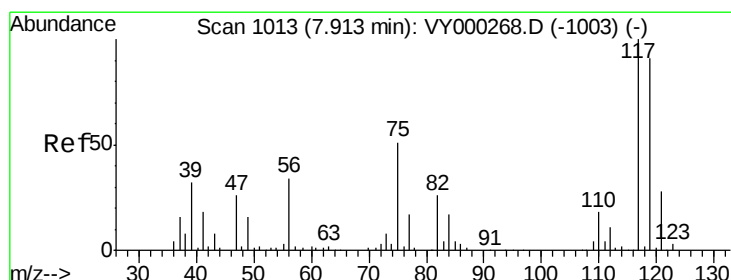
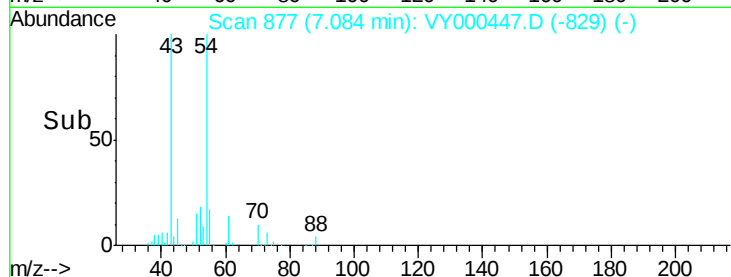
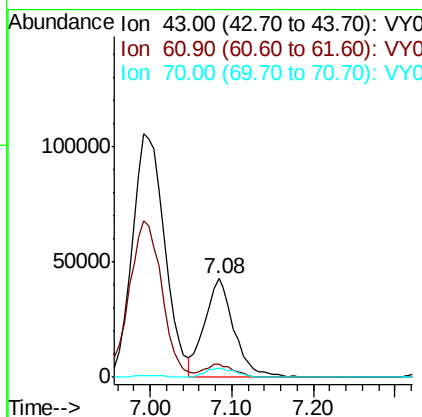
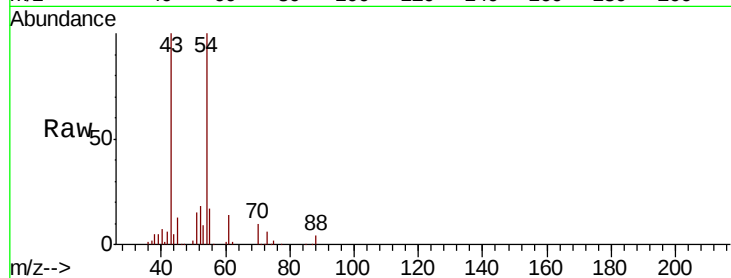
#37
Ethyl Acetate
Concen: 54.957 ug/l
RT: 7.08 min Scan# 877
Delta R.T. -0.01 min
Lab File: VY000447.D
Acq: 28 Oct 2019 11:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.7	12.1	18.1
70	9.7	8.7	13.1

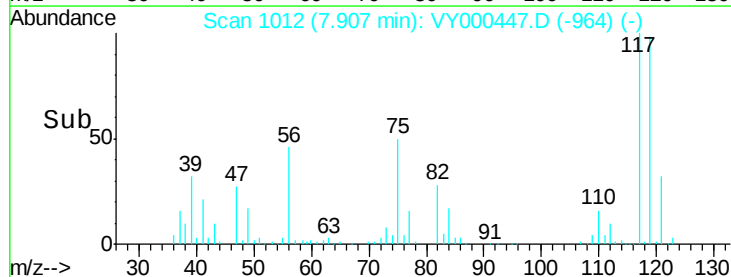
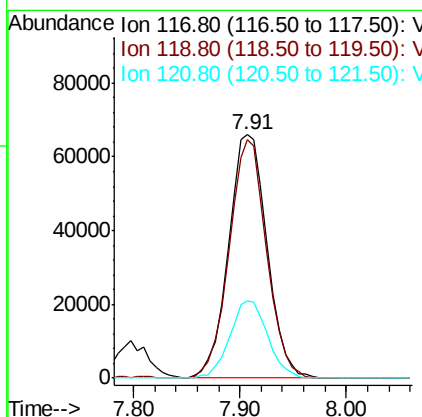
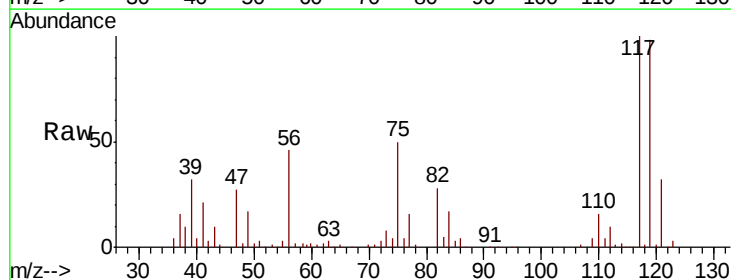
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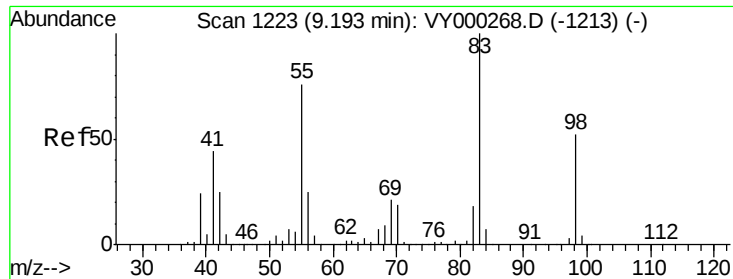
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#38
Carbon Tetrachloride
Concen: 51.852 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.01 min
Lab File: VY000447.D
Acq: 28 Oct 2019 11:48

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.1	72.8	109.2
121	31.8	22.2	33.2





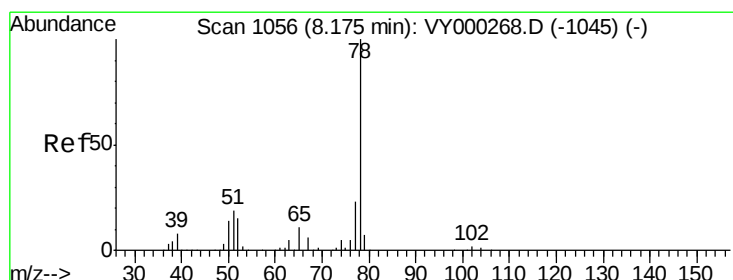
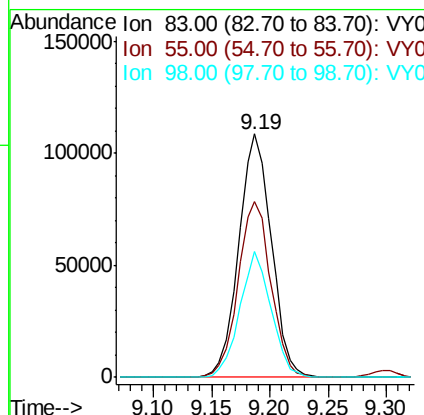
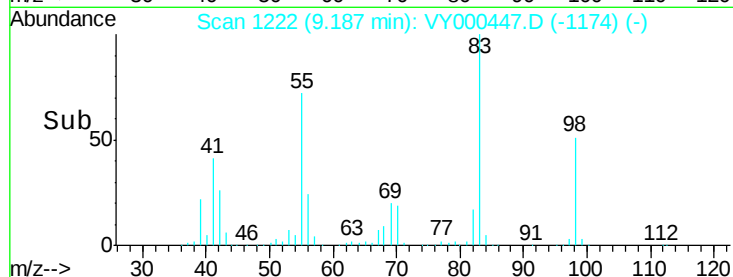
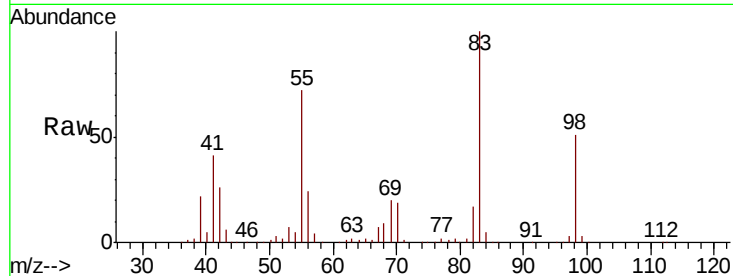
#39
Methvlcvclohexane
Concen: 48.869 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.01 min
Lab File: VY000447.D
Acq: 28 Oct 2019 11:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	72.2	60.9	91.3
98	51.5	41.8	62.6

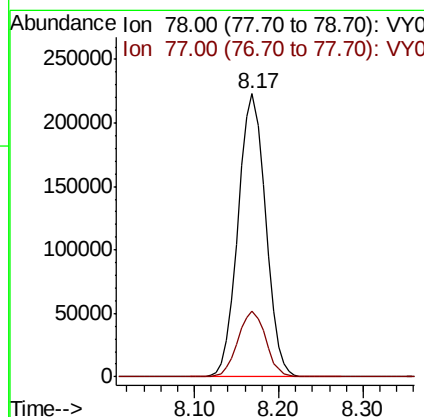
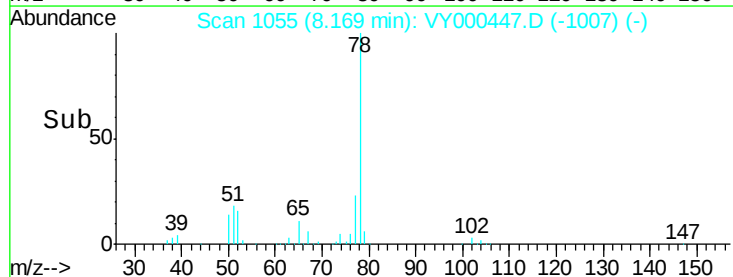
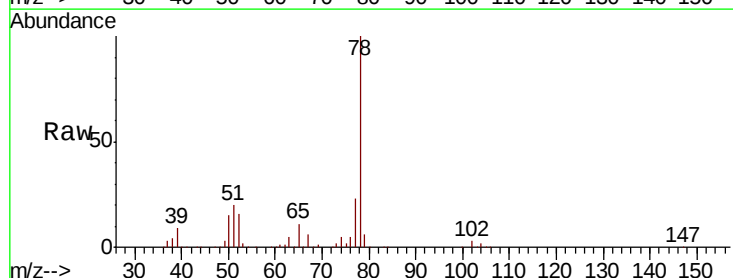
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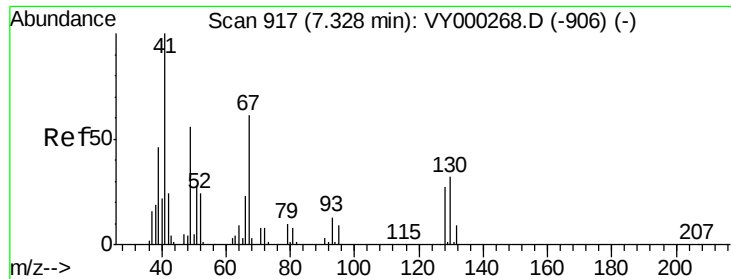
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#40
Benzene
Concen: 51.147 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.01 min
Lab File: VY000447.D
Acq: 28 Oct 2019 11:48

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.3	18.8	28.2





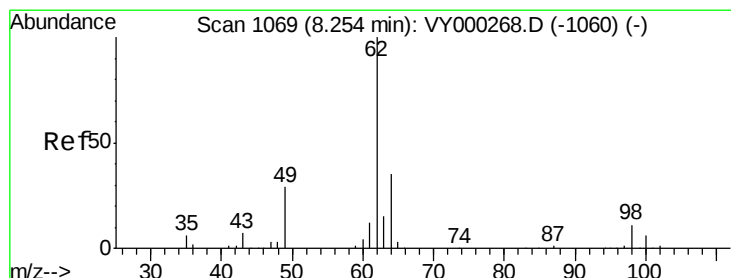
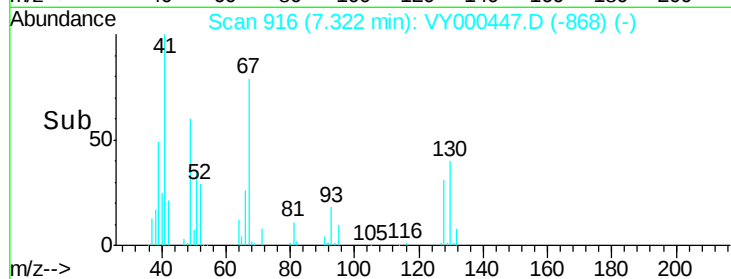
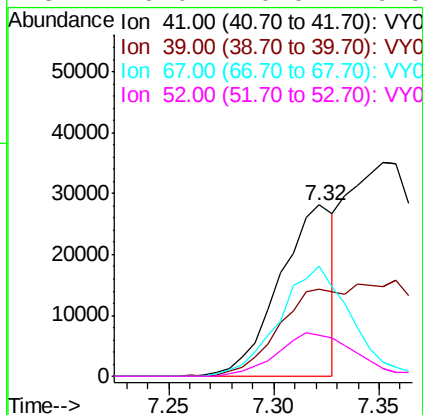
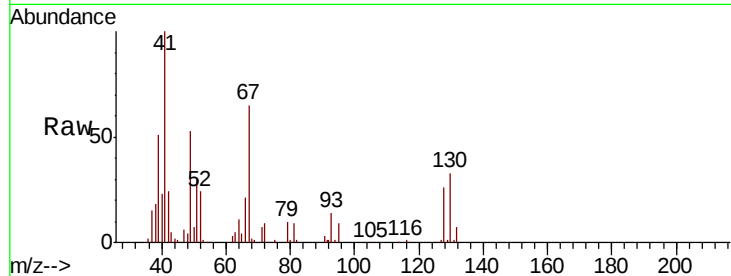
#41
Methacrylonitrile
Concen: 54.585 ug/l m
RT: 7.32 min Scan# 916
Delta R.T. -0.01 min
Lab File: VY000447.D
Acq: 28 Oct 2019 11:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	41	Resp	51129
Ion	Ratio	Lower	Upper
41	100		
39	0.0	110.2	165.2#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

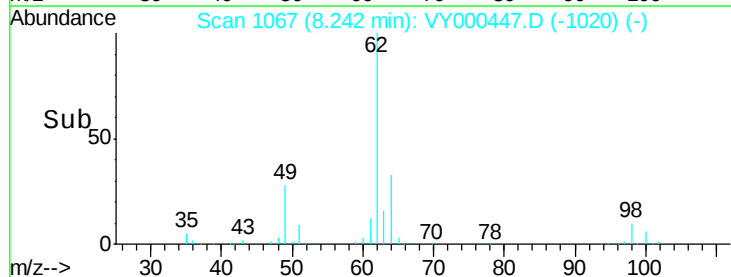
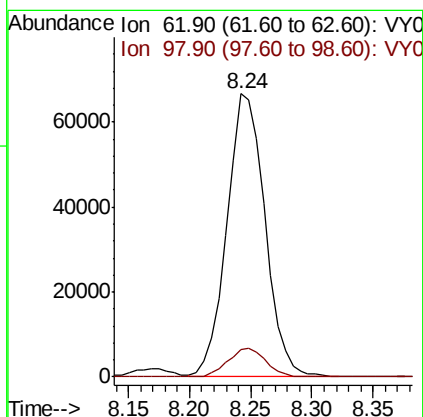
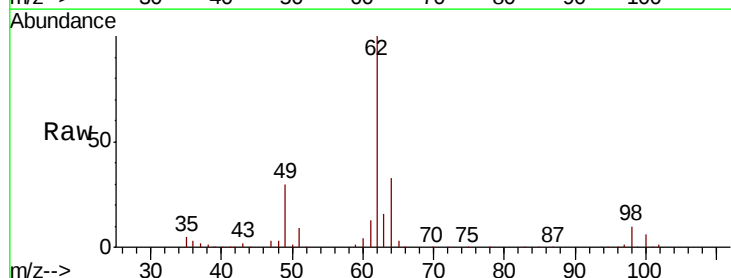
Manual Integrations
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10/29/2019 2:06:14 PM



#42
1,2-Dichloroethane
Concen: 52.182 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.01 min
Lab File: VY000447.D
Acq: 28 Oct 2019 11:48

Tgt Ion	62	Resp	143157
Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	20.6





#43

Isopropyl Acetate

Concen: 55.918 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. -0.01 min

Lab File: VY000447.D

Acq: 28 Oct 2019 11:48

Instrument :

MSVOA_Y

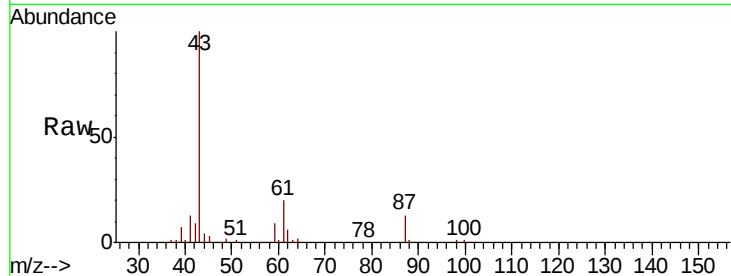
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	209228
Ion	Ratio	Lower	Upper
43	100		
61	27.9	22.3	33.5
87	13.0	10.9	16.3

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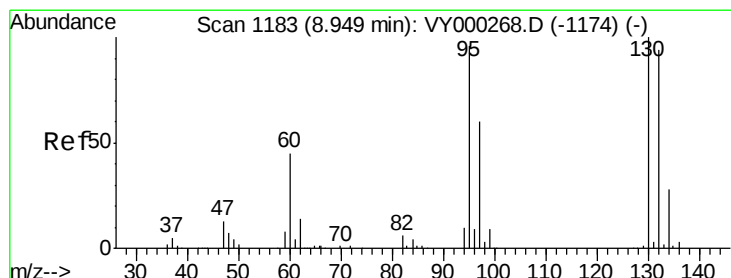
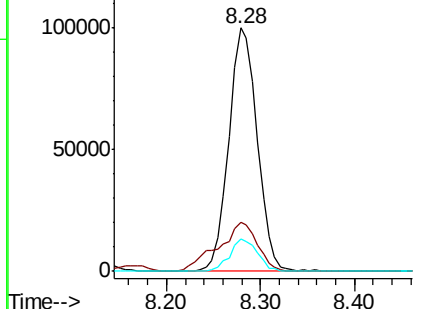
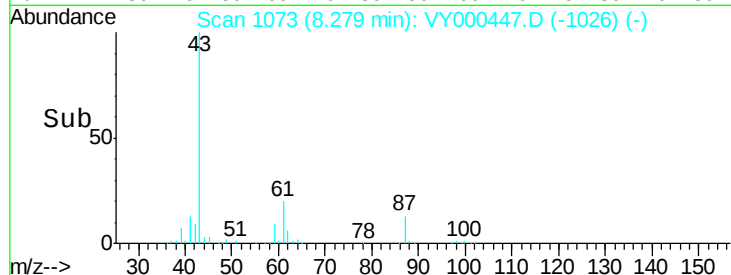


Abundance Ion 43.00 (42.70 to 43.70): VY000268.D (-1065) (-)

Ion 61.00 (60.70 to 61.70): VY000268.D (-1065) (-)

Ion 87.00 (86.70 to 87.70): VY000268.D (-1065) (-)

Time-->



#44

Trichloroethene

Concen: 48.438 ug/l

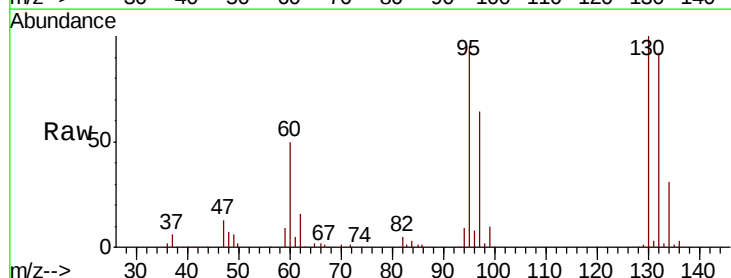
RT: 8.94 min Scan# 1182

Delta R.T. -0.01 min

Lab File: VY000447.D

Acq: 28 Oct 2019 11:48

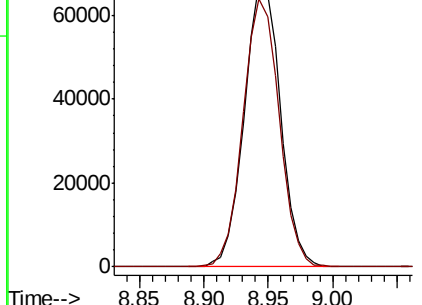
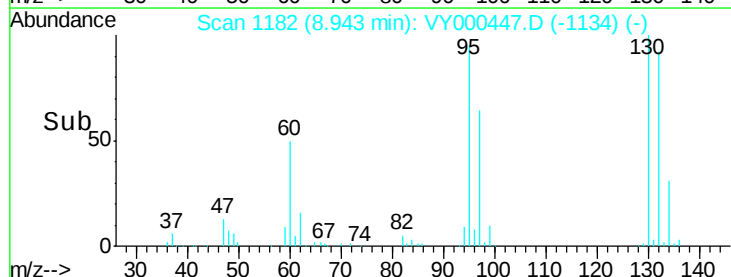
Tgt Ion:	130	Resp:	130531
Ion	Ratio	Lower	Upper
130	100		
95	94.6	0.0	191.4

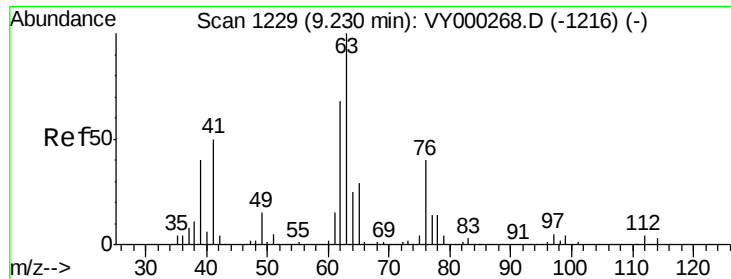


Abundance Ion 129.80 (129.50 to 130.50): VY000268.D (-1174) (-)

Ion 94.90 (94.60 to 95.60): VY000268.D (-1174) (-)

Time-->





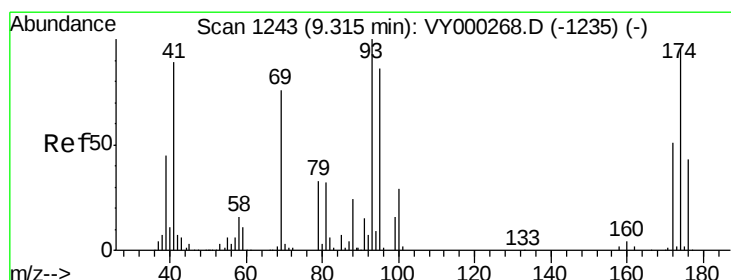
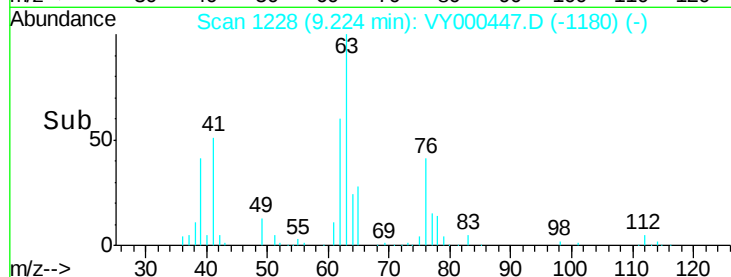
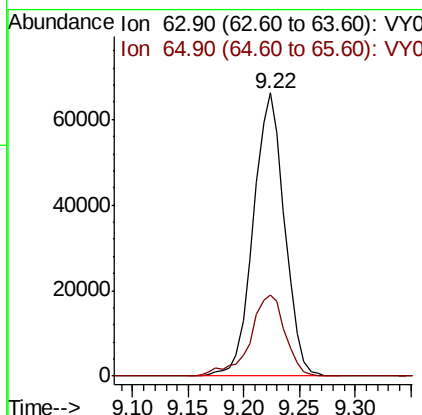
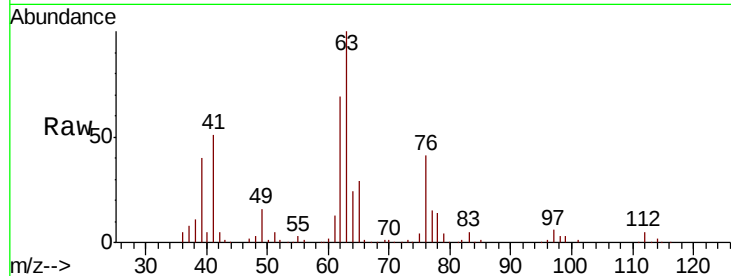
#45
 1,2-Dichloropropane
 Concen: 54.889 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: VY000447.D
 Acq: 28 Oct 2019 11:48

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	28.6	23.2	34.8

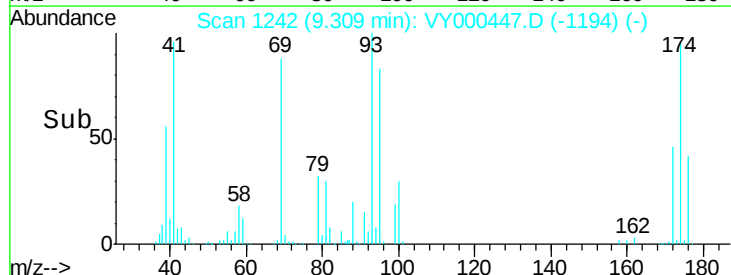
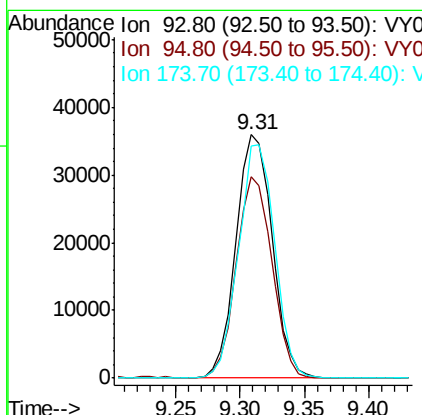
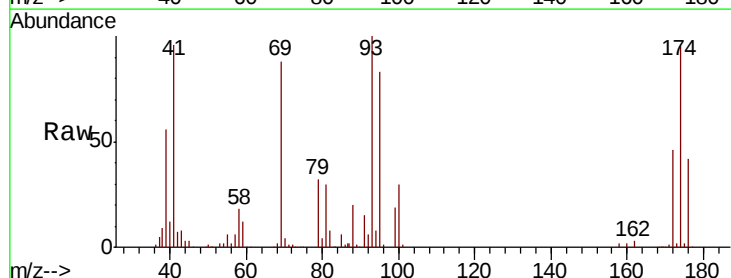
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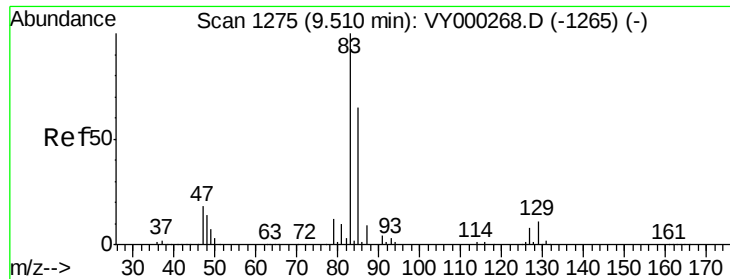
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#46
 Dibromomethane
 Concen: 53.417 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.01 min
 Lab File: VY000447.D
 Acq: 28 Oct 2019 11:48

Tgt Ion	Ratio	Lower	Upper
93	100		
95	81.6	68.2	102.2
174	95.5	79.8	119.6





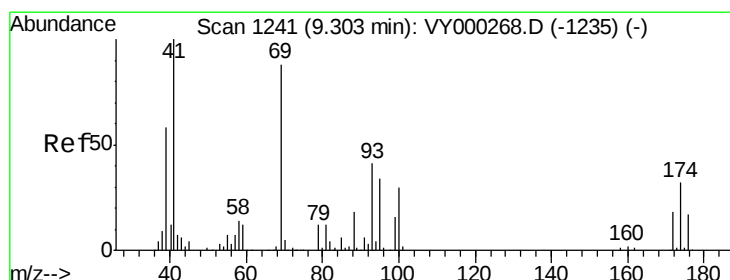
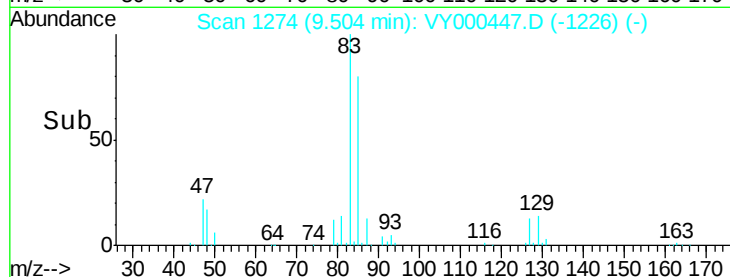
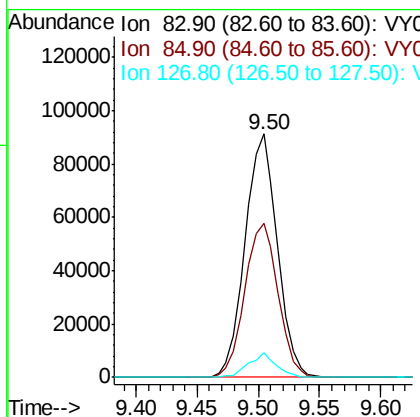
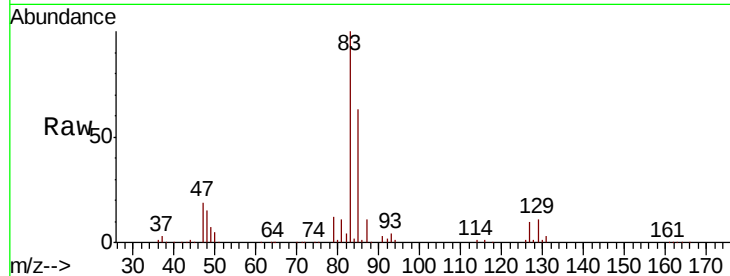
#47
Bromodichloromethane
Concen: 53.859 ug/l
RT: 9.50 min Scan# 1274
Delta R.T. -0.01 min
Lab File: VY000447.D
Acq: 28 Oct 2019 11:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
85	63.3	52.2	78.2
127	10.1	6.3	9.5#

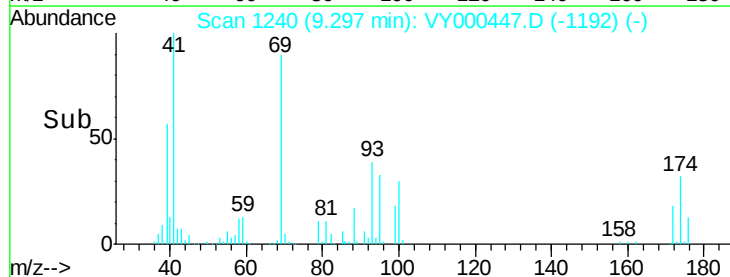
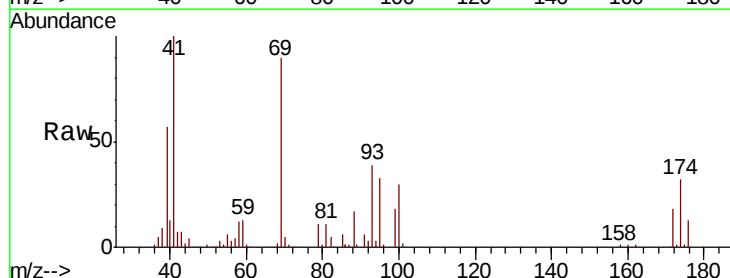
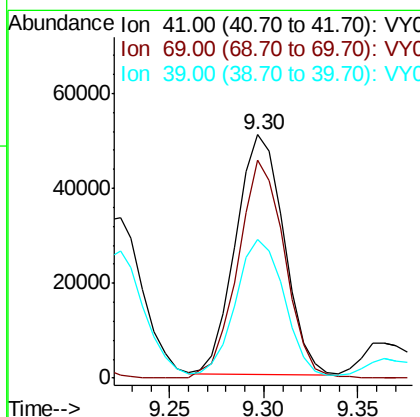
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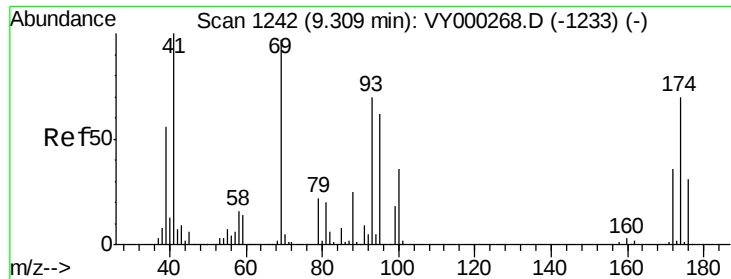
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#48
Methyl methacrylate
Concen: 54.618 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. -0.01 min
Lab File: VY000447.D
Acq: 28 Oct 2019 11:48

Tgt Ion	Ratio	Lower	Upper
41	100		
69	88.4	70.0	105.0
39	59.4	47.7	71.5





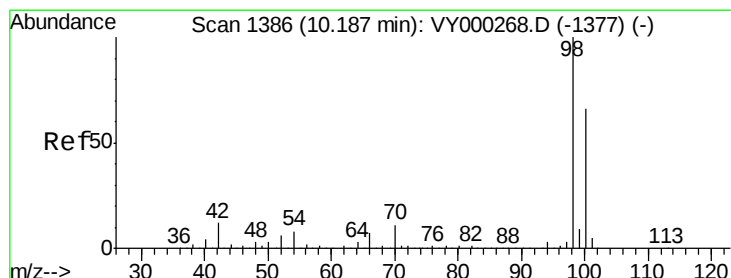
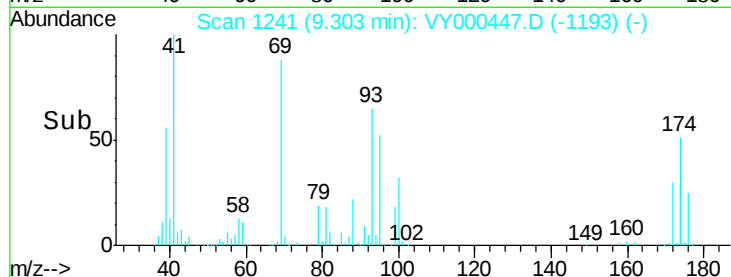
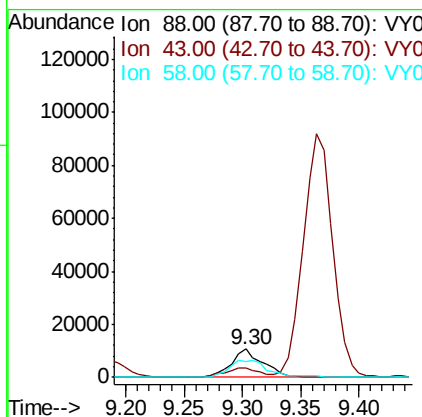
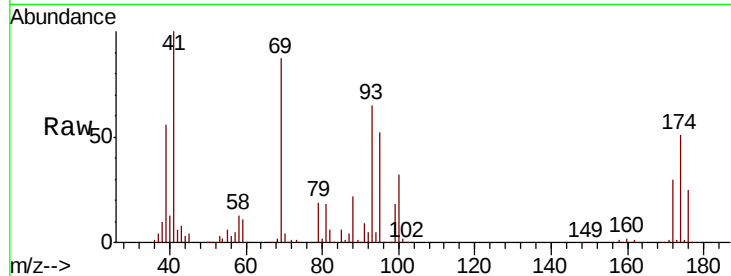
#49
 1,4-Dioxane
 Concen: 1052.037 ug/l
 RT: 9.30 min Scan# 1241
 Delta R.T. -0.01 min
 Lab File: VY000447.D
 Acq: 28 Oct 2019 11:48

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	88	Resp	20783
Ion	Ratio	Lower	Upper
88	100		
43	36.8	25.6	38.4
58	75.3	54.6	81.8

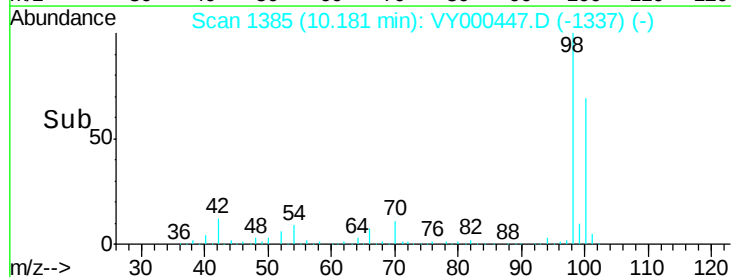
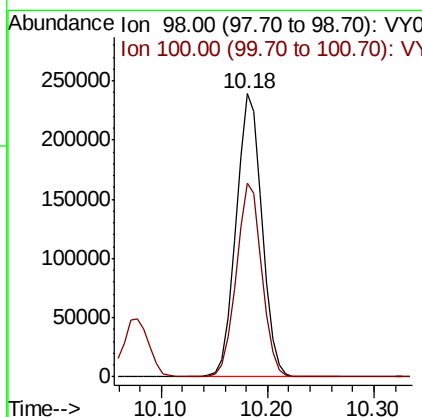
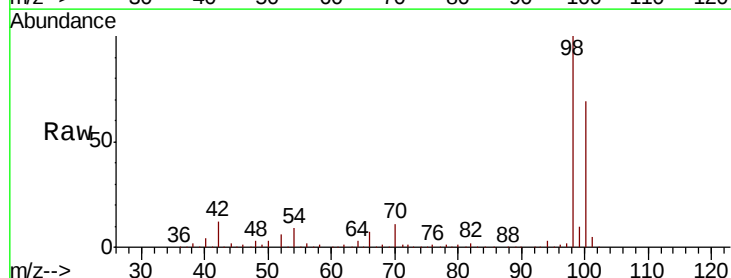
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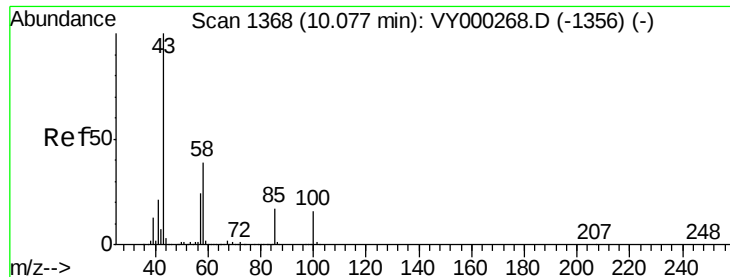
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#50
 Toluene-d8
 Concen: 51.724 ug/l
 RT: 10.18 min Scan# 1385
 Delta R.T. -0.01 min
 Lab File: VY000447.D
 Acq: 28 Oct 2019 11:48

Tgt Ion	98	Resp	407402
Ion	Ratio	Lower	Upper
98	100		
100	67.3	52.8	79.2





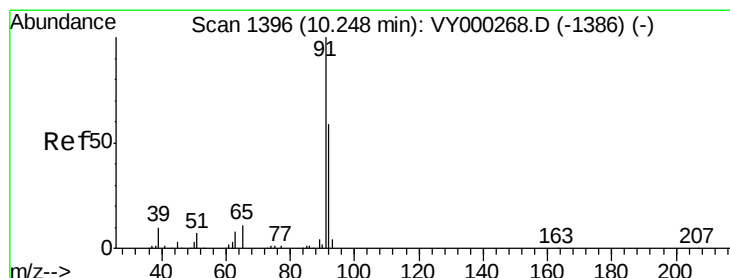
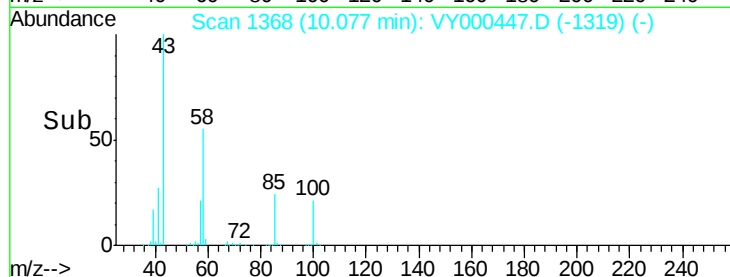
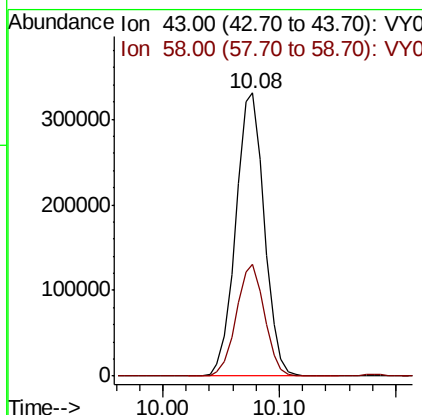
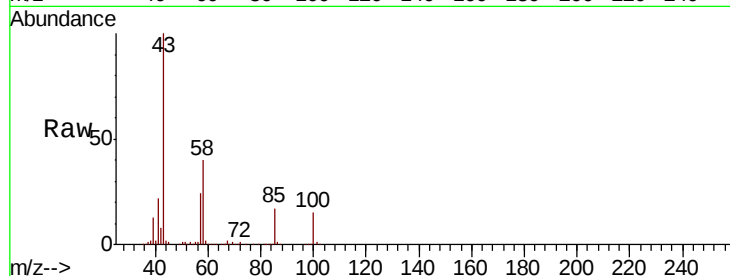
#51
4-Methyl-2-Pentanone
Concen: 291.984 ug/l
RT: 10.08 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VY000447.D
Acq: 28 Oct 2019 11:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 563487
Ion Ratio Lower Upper
43 100
58 39.2 31.0 46.6

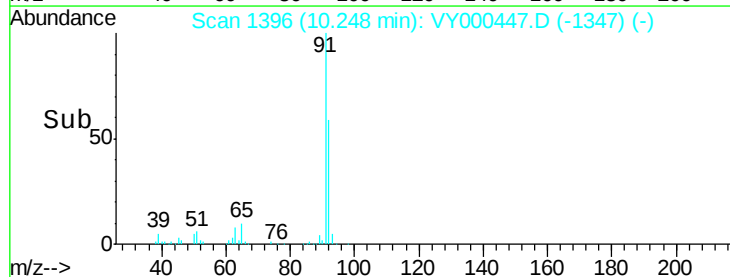
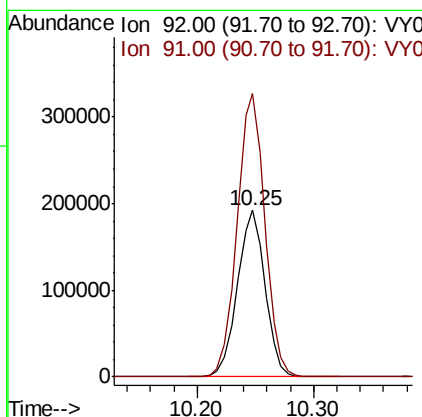
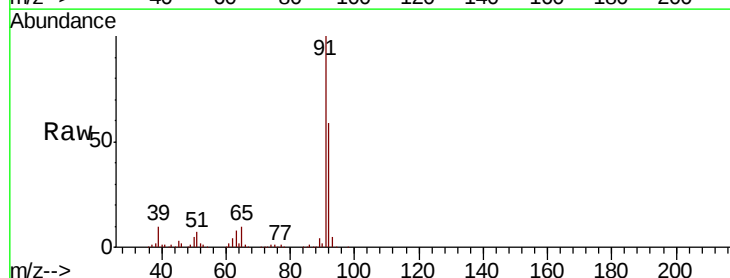
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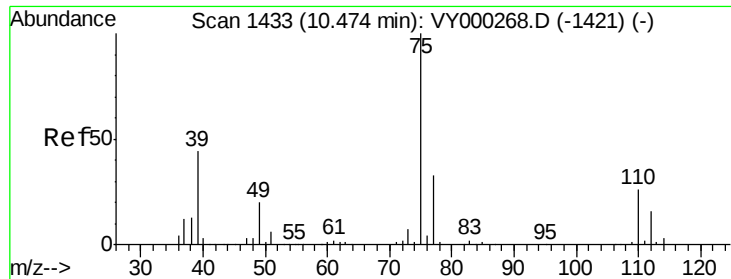
MMDadoda
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#52
Toluene
Concen: 52.148 ug/l
RT: 10.25 min Scan# 1396
Delta R.T. -0.00 min
Lab File: VY000447.D
Acq: 28 Oct 2019 11:48

Tgt Ion: 92 Resp: 317982
Ion Ratio Lower Upper
92 100
91 170.5 136.6 205.0





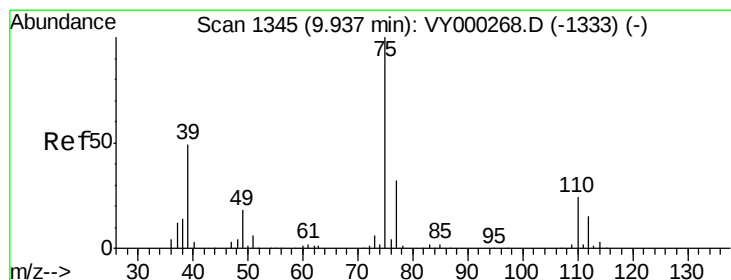
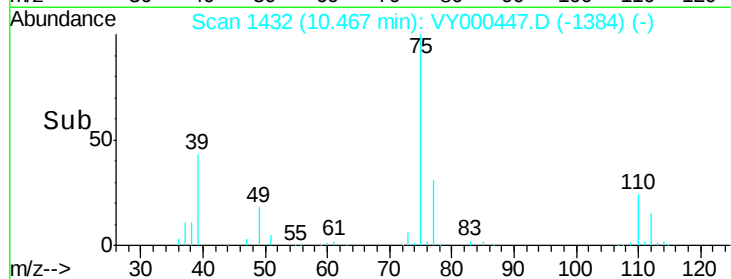
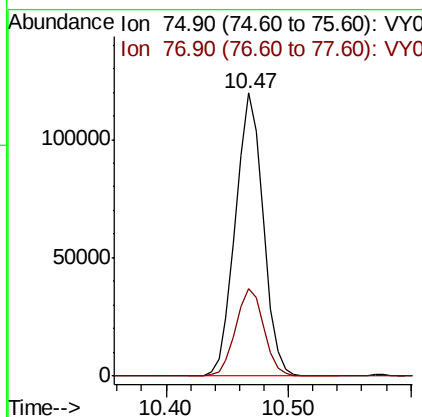
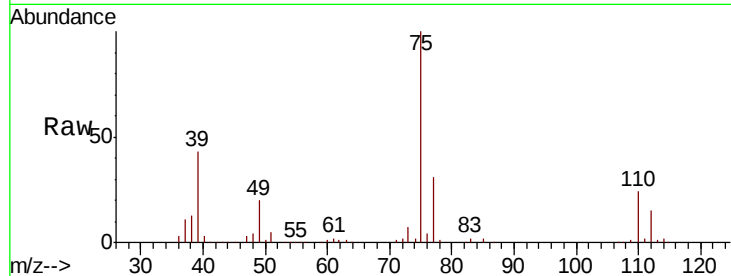
#53
t-1,3-Dichloropropene
Concen: 56.390 ug/l
RT: 10.47 min Scan# 1432
Delta R.T. -0.01 min
Lab File: VY000447.D
Acq: 28 Oct 2019 11:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 75 Resp: 187651
Ion Ratio Lower Upper
75 100
77 30.9 26.0 39.0

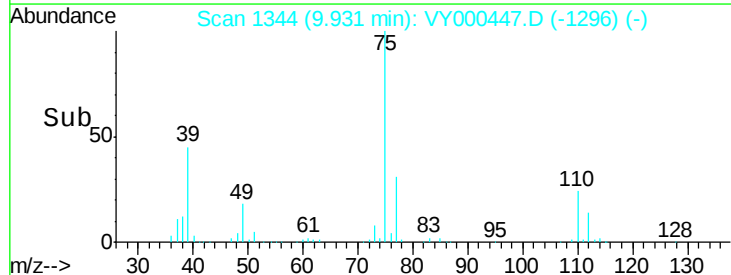
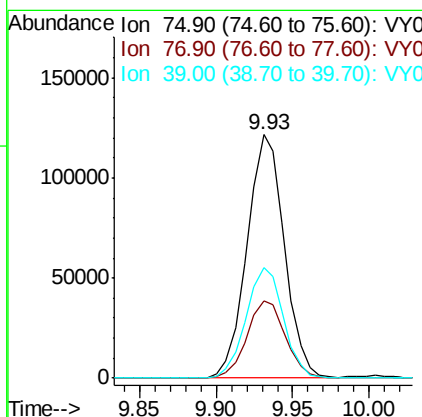
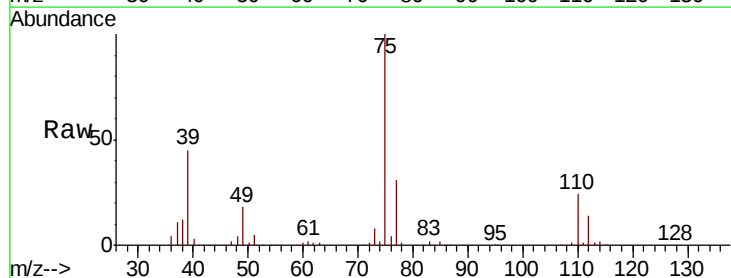
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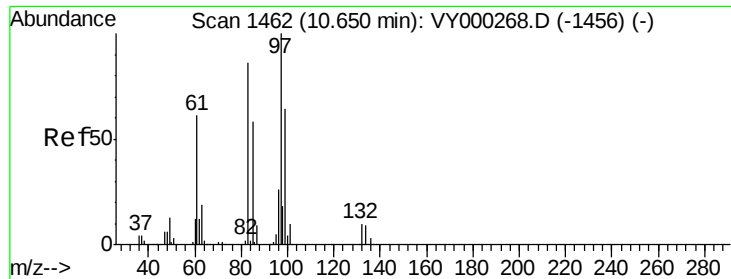
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#54
cis-1,3-Dichloropropene
Concen: 54.627 ug/l
RT: 9.93 min Scan# 1344
Delta R.T. -0.01 min
Lab File: VY000447.D
Acq: 28 Oct 2019 11:48

Tgt Ion: 75 Resp: 206439
Ion Ratio Lower Upper
75 100
77 31.5 26.0 39.0
39 45.4 38.8 58.2





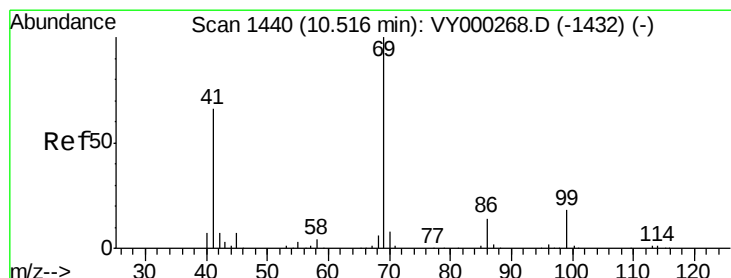
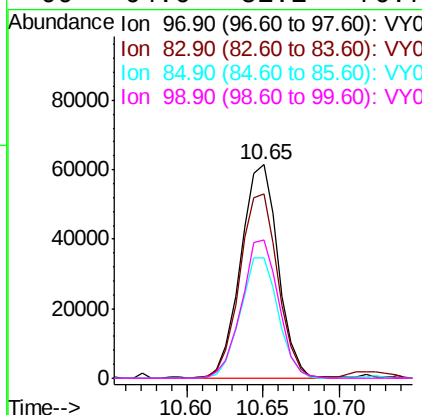
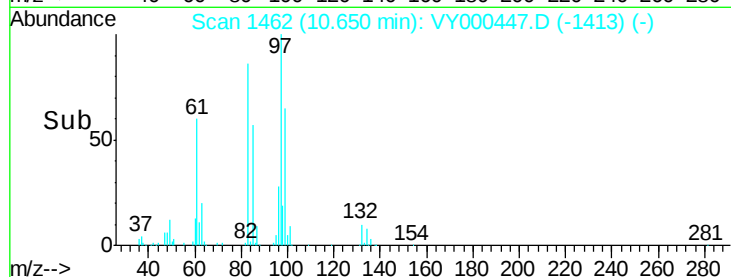
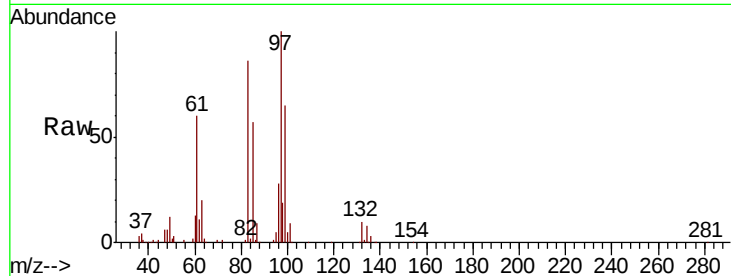
#55
 1,1,2-Trichloroethane
 Concen: 54.224 ug/l
 RT: 10.65 min Scan# 1462
 Delta R.T. -0.00 min
 Lab File: VY000447.D
 Acq: 28 Oct 2019 11:48

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	103875
Ion	Ratio	Lower	Upper
97	100		
83	86.3	69.0	103.6
85	56.7	46.2	69.4
99	64.6	51.1	76.7

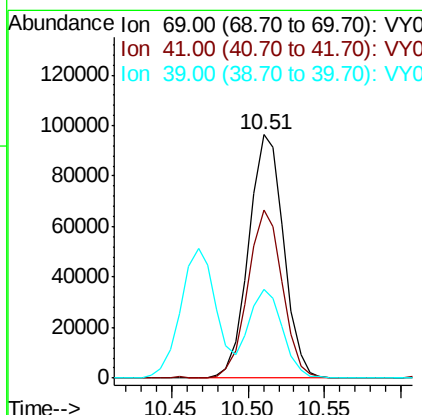
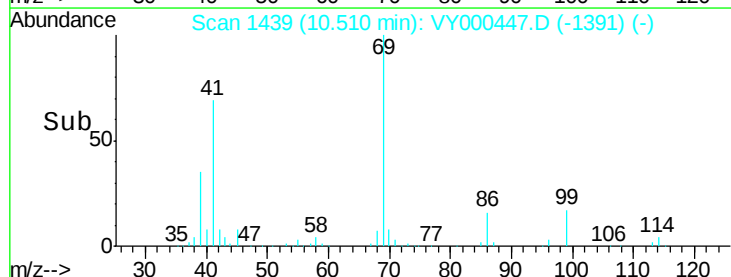
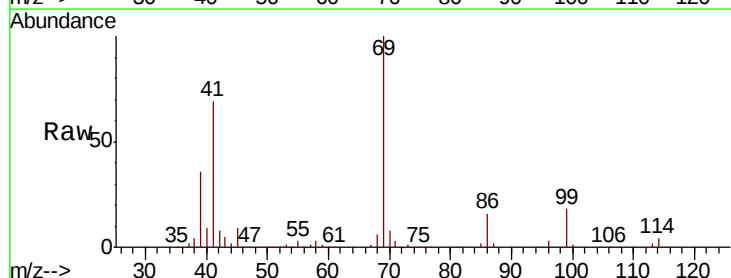
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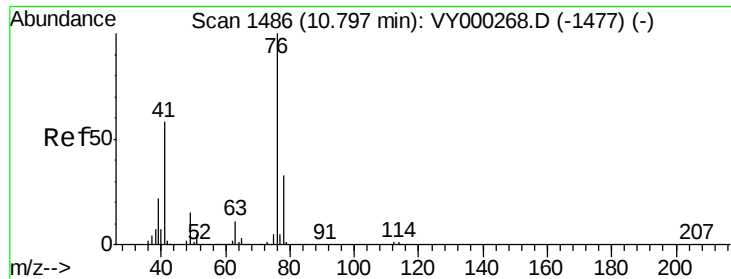
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#56
 Ethyl methacrylate
 Concen: 56.141 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: VY000447.D
 Acq: 28 Oct 2019 11:48

Tgt Ion:	69	Resp:	153295
Ion	Ratio	Lower	Upper
69	100		
41	67.9	52.5	78.7
39	35.0	26.7	40.1





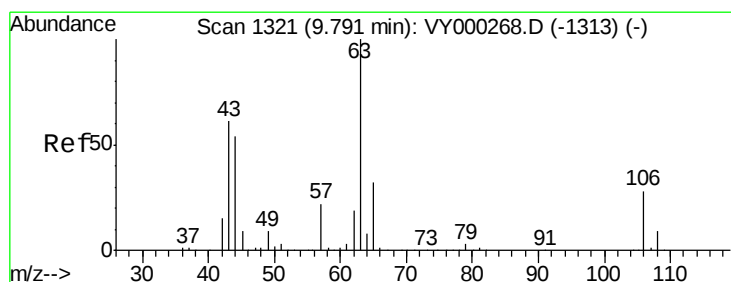
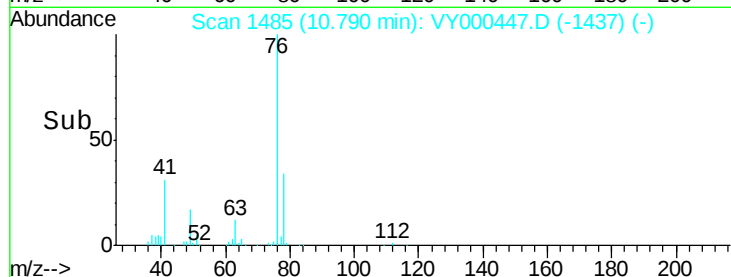
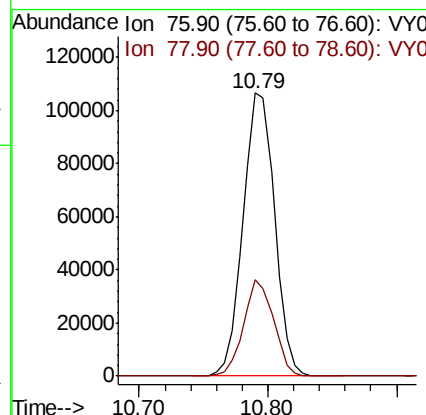
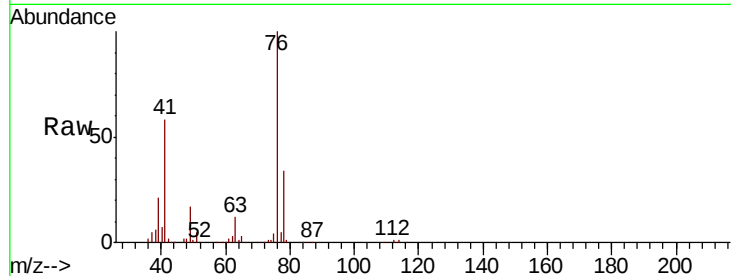
#57
 1,3-Dichloropropane
 Concen: 54.949 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. -0.01 min
 Lab File: VY000447.D
 Acq: 28 Oct 2019 11:48

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion: 76 Resp: 180780
 Ion Ratio Lower Upper
 76 100
 78 32.5 26.2 39.2

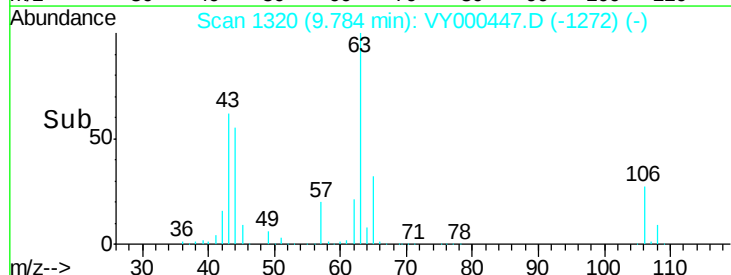
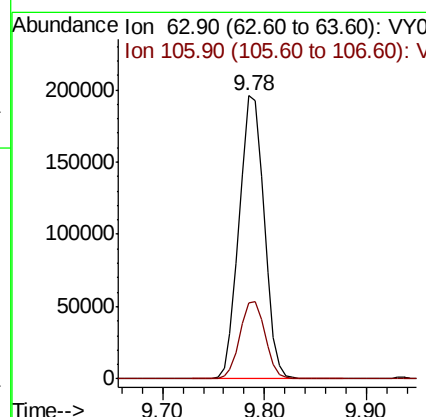
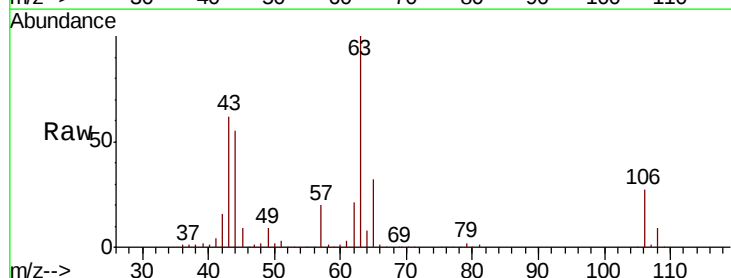
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#58
 2-Chloroethyl Vinyl ether
 Concen: 304.550 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. -0.01 min
 Lab File: VY000447.D
 Acq: 28 Oct 2019 11:48

Tgt Ion: 63 Resp: 331691
 Ion Ratio Lower Upper
 63 100
 106 27.5 23.0 34.4





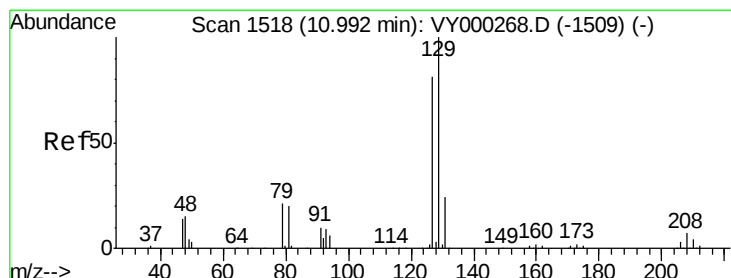
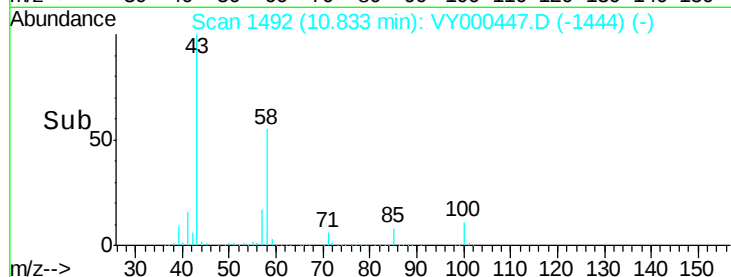
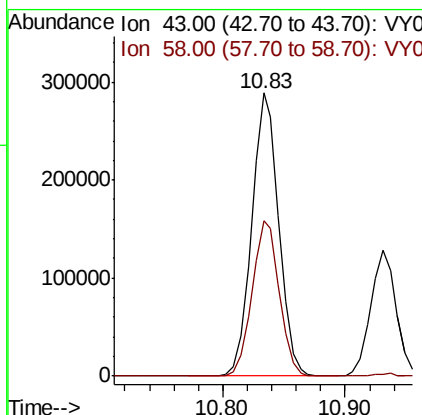
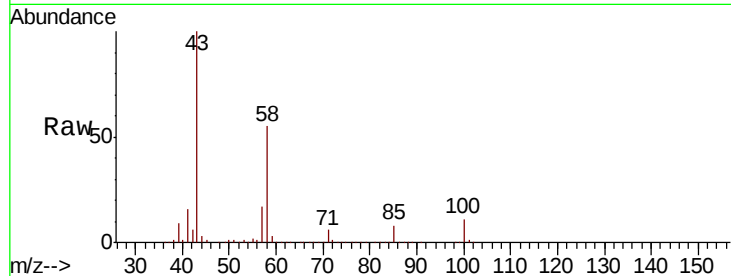
#59
2-Hexanone
Concen: 327.358 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.01 min
Lab File: VY000447.D
Acq: 28 Oct 2019 11:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 443437
Ion Ratio Lower Upper
43 100
58 55.4 27.7 83.1

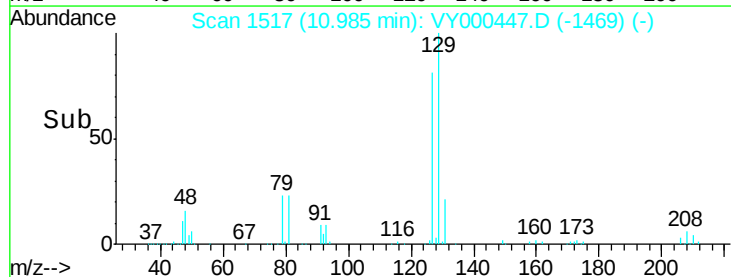
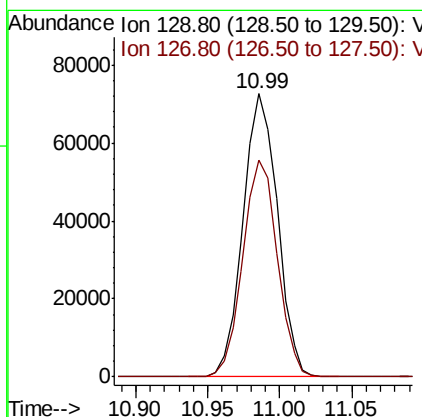
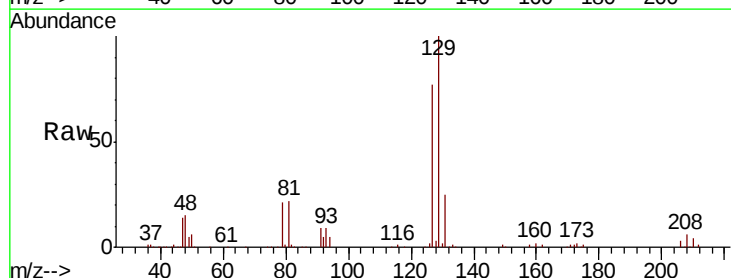
Manual Integrations
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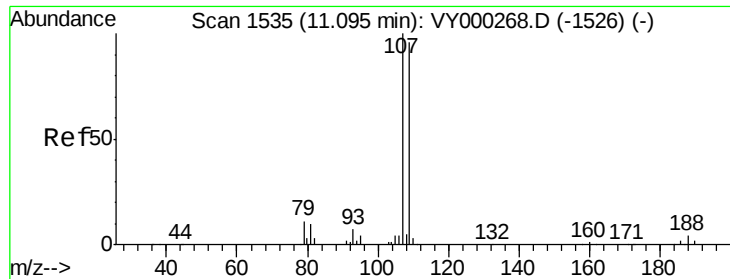
MMDadoda
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#60
Dibromochloromethane
Concen: 56.619 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.01 min
Lab File: VY000447.D
Acq: 28 Oct 2019 11:48

Tgt Ion: 129 Resp: 120219
Ion Ratio Lower Upper
129 100
127 77.0 39.9 119.7





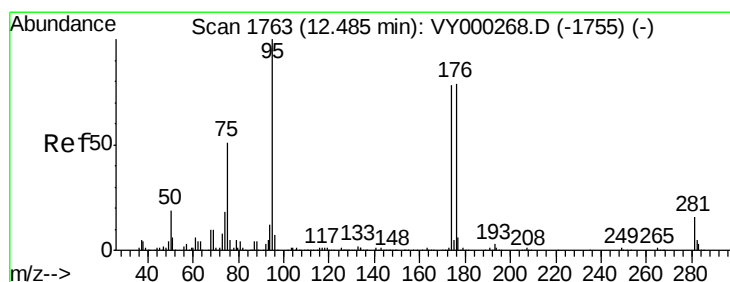
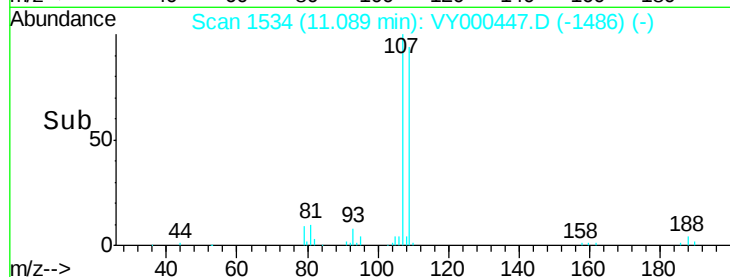
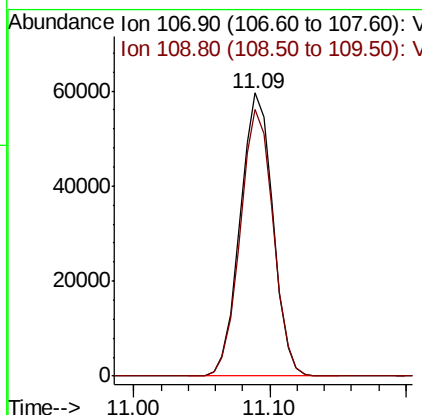
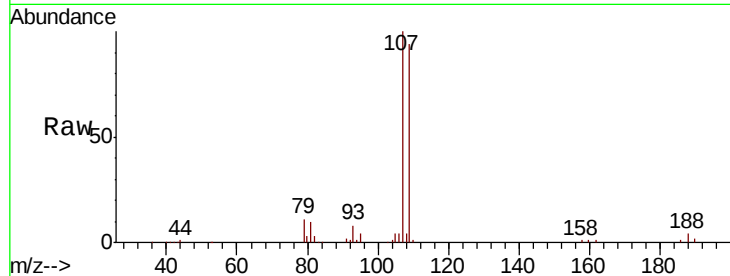
#61
 1,2-Dibromoethane
 Concen: 54.580 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.01 min
 Lab File: VY000447.D
 Acq: 28 Oct 2019 11:48

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
107	100	100392		
109	94.6	75.1	112.7	

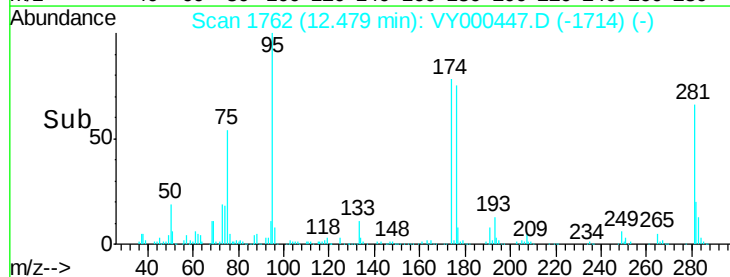
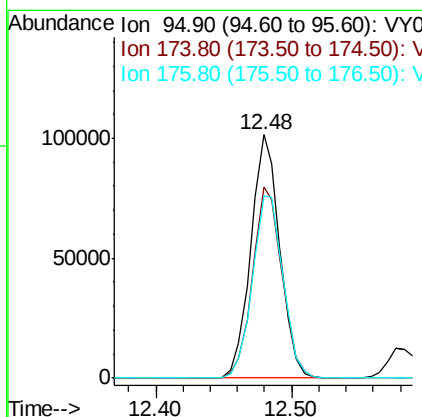
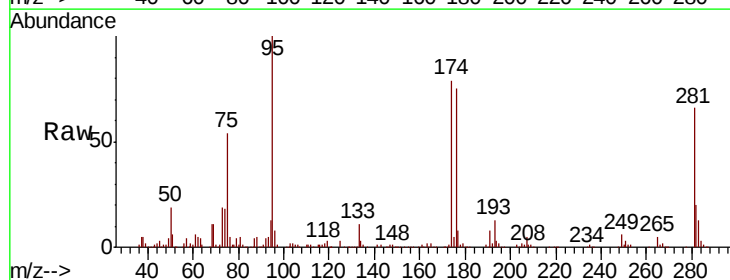
Manual Integrations
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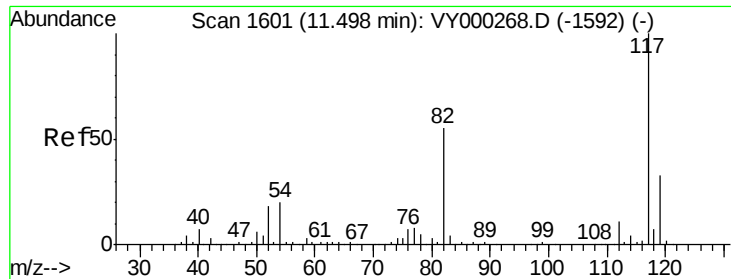
MMDadoda
 10/29/2019 2:06:14 PM



#62
 4-Bromofluorobenzene
 Concen: 50.576 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.01 min
 Lab File: VY000447.D
 Acq: 28 Oct 2019 11:48

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	151340		
174	80.1	0.0	159.6	
176	79.4	0.0	153.8	





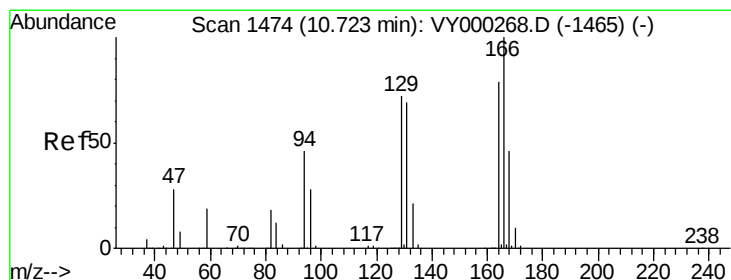
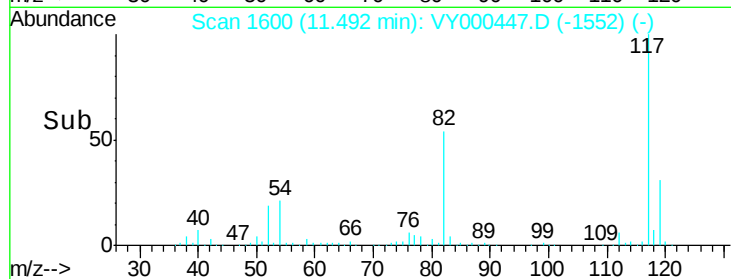
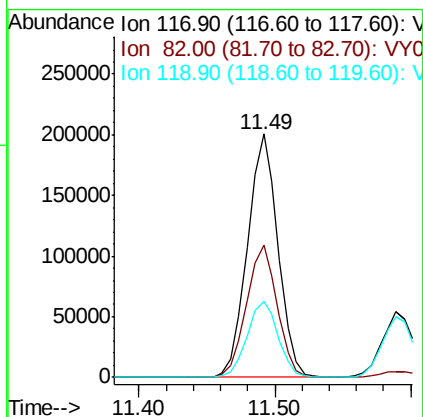
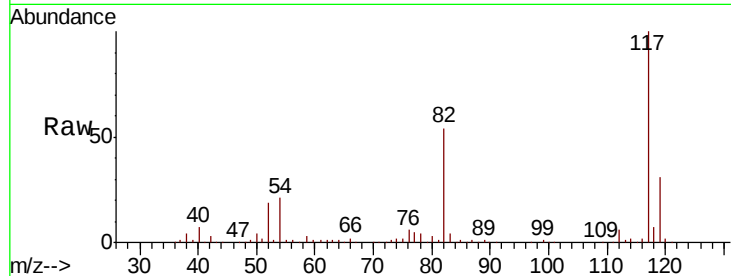
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY000447.D
Acq: 28 Oct 2019 11:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.3	43.7	65.5
119	31.1	26.6	39.8

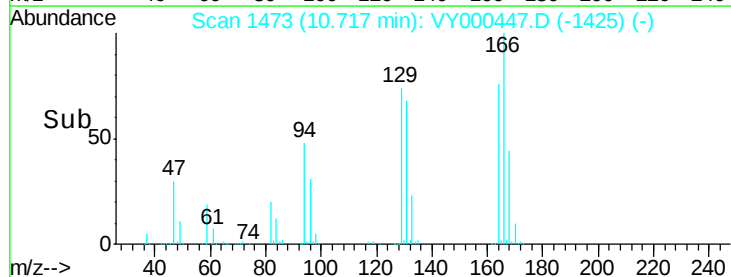
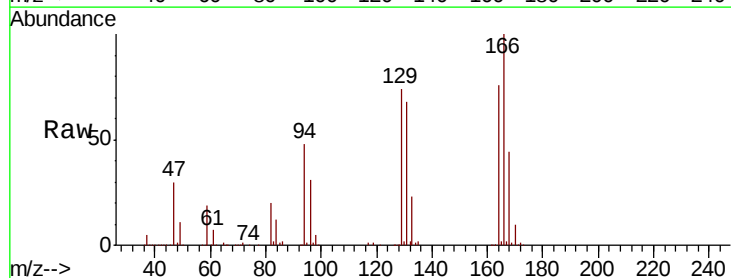
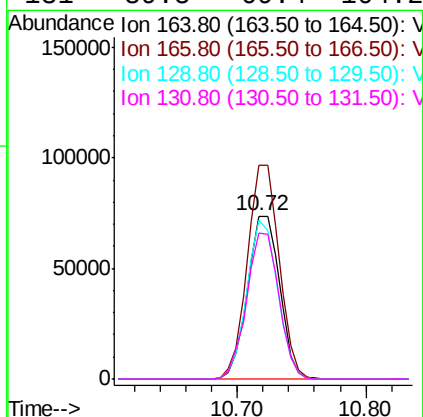
Manual Integrations
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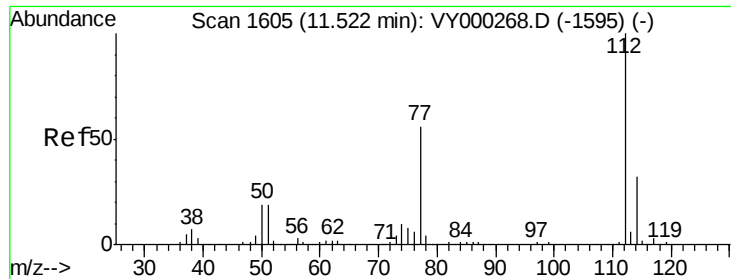
MMDadoda
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#64
Tetrachloroethene
Concen: 42.329 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.01 min
Lab File: VY000447.D
Acq: 28 Oct 2019 11:48

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.8	100.6	151.0
129	97.3	72.8	109.2
131	89.5	69.4	104.2





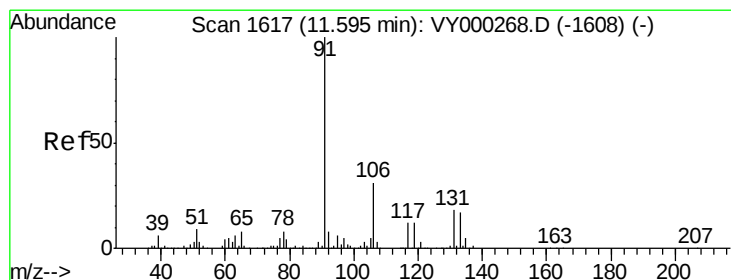
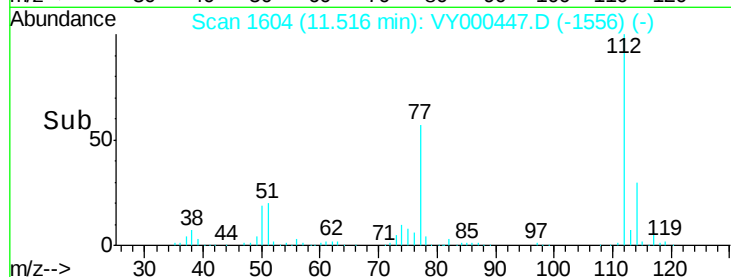
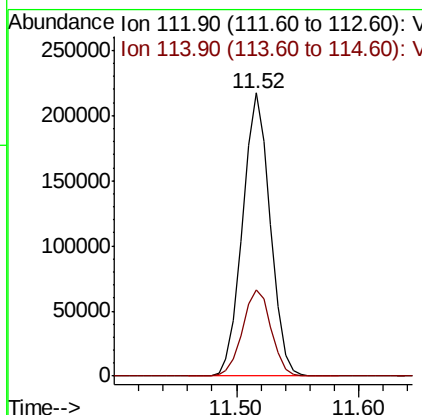
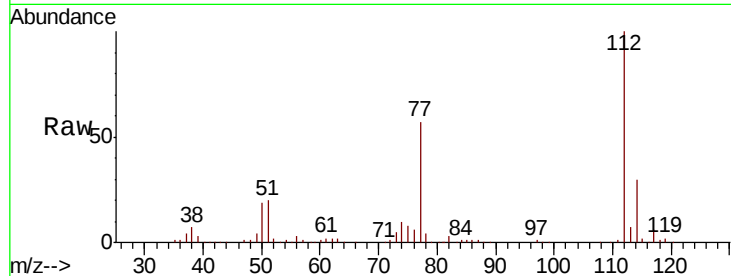
#65
Chlorobenzene
Concen: 51.175 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.01 min
Lab File: VY000447.D
Acq: 28 Oct 2019 11:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 340190
Ion Ratio Lower Upper
112 100
114 30.4 25.7 38.5

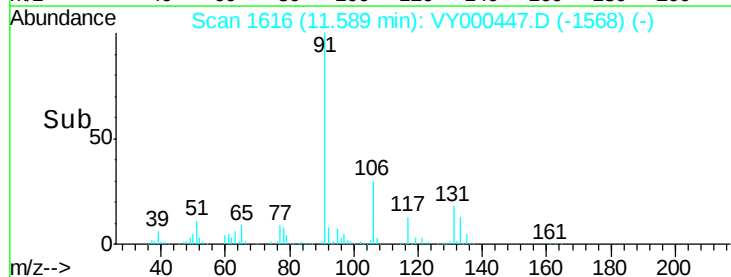
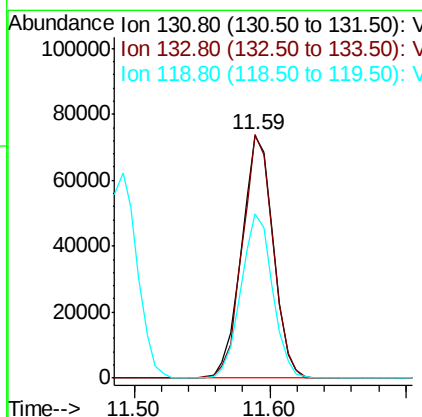
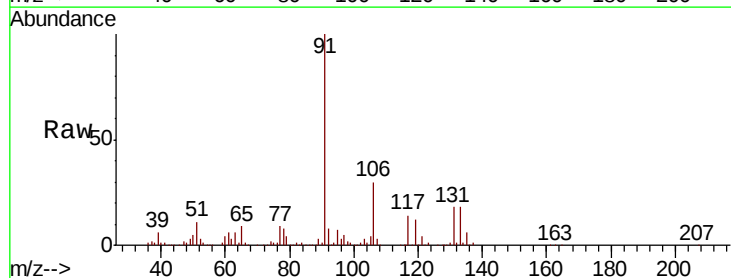
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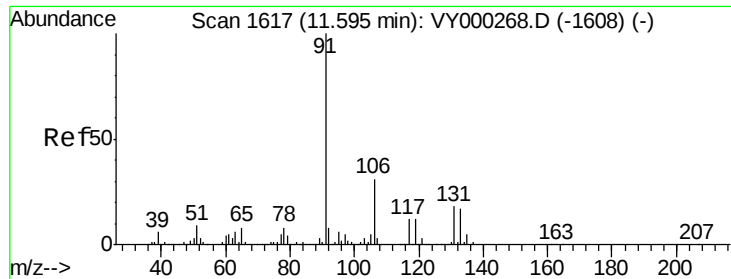
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#66
1,1,1,2-Tetrachloroethane
Concen: 51.173 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.01 min
Lab File: VY000447.D
Acq: 28 Oct 2019 11:48

Tgt Ion:131 Resp: 119496
Ion Ratio Lower Upper
131 100
133 97.5 47.2 141.6
119 67.2 32.6 98.0





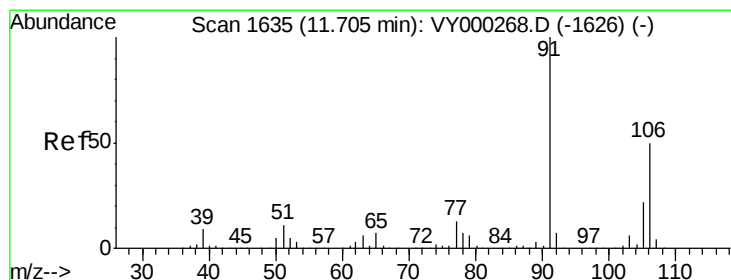
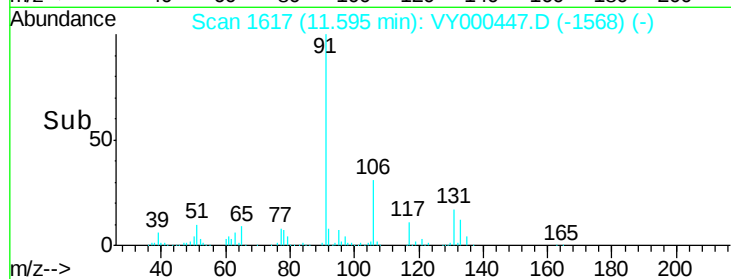
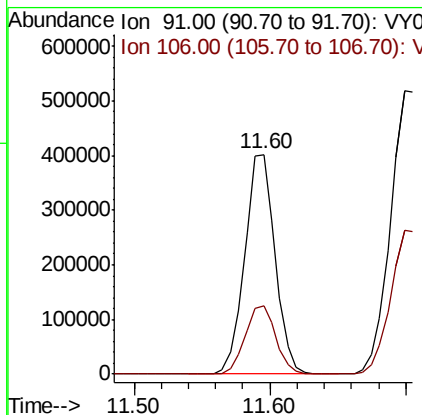
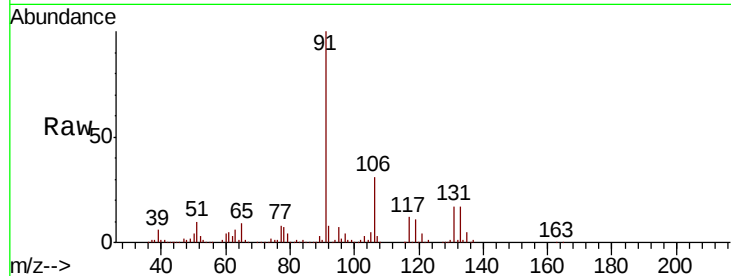
#67
Ethyl Benzene
Concen: 50.954 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. -0.00 min
Lab File: VY000447.D
Acq: 28 Oct 2019 11:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 627908
Ion Ratio Lower Upper
91 100
106 31.0 25.0 37.6

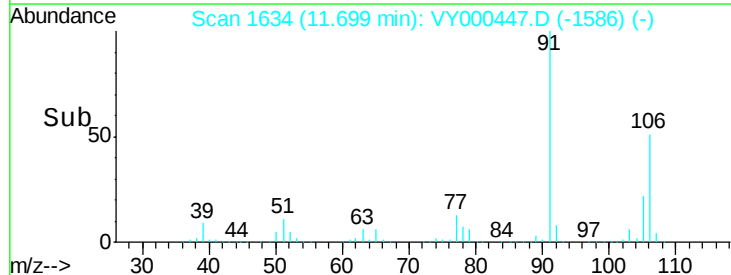
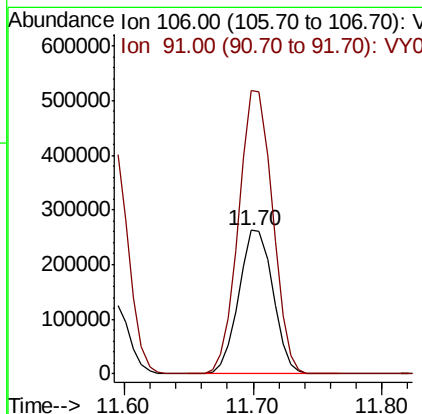
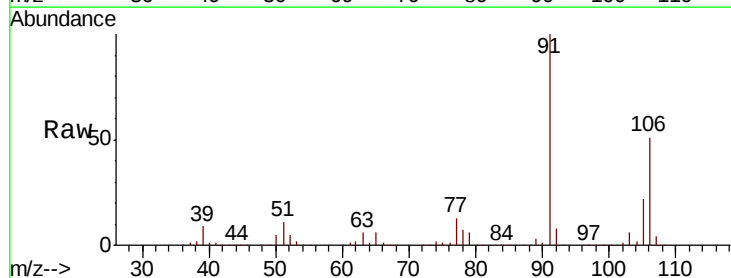
Manual Integrations
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#68
m/p-Xylenes
Concen: 102.667 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. -0.01 min
Lab File: VY000447.D
Acq: 28 Oct 2019 11:48

Tgt Ion: 106 Resp: 483657
Ion Ratio Lower Upper
106 100
91 196.6 157.5 236.3





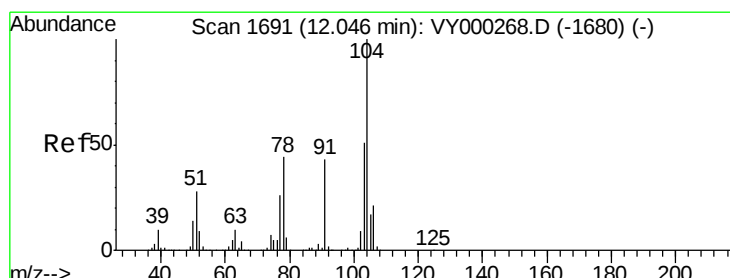
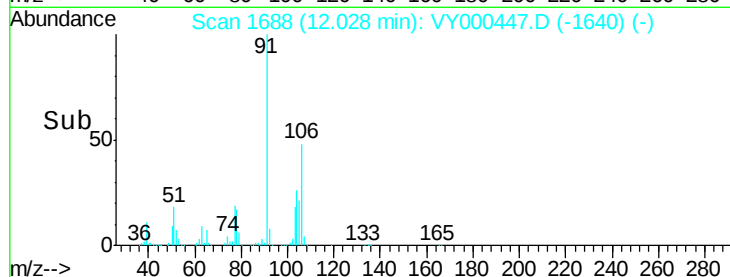
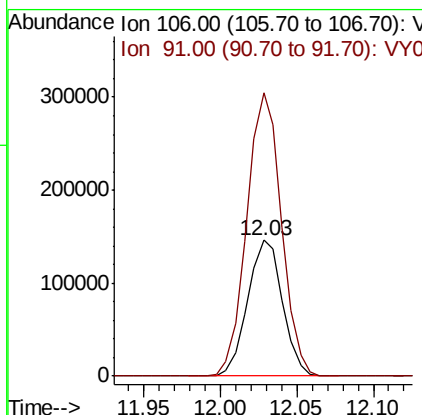
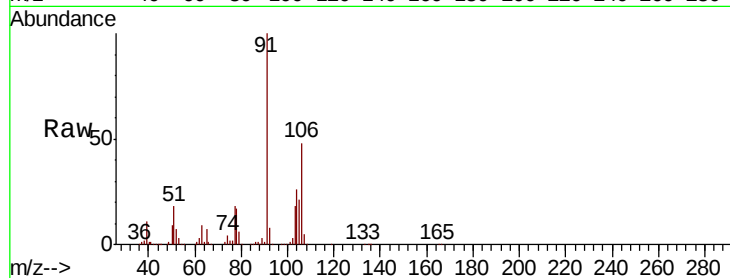
#69
o-Xylene
Concen: 51.488 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.01 min
Lab File: VY000447.D
Acq: 28 Oct 2019 11:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	207.1	104.7	313.9	

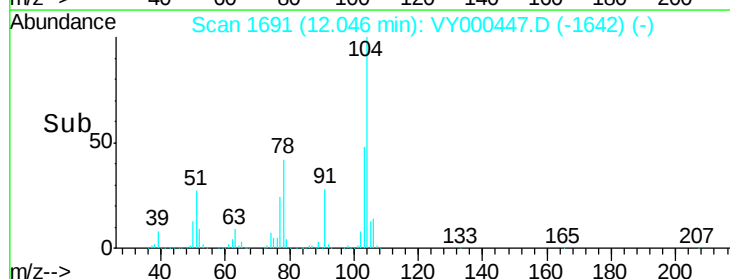
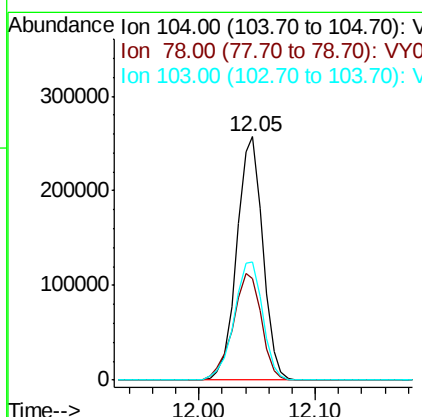
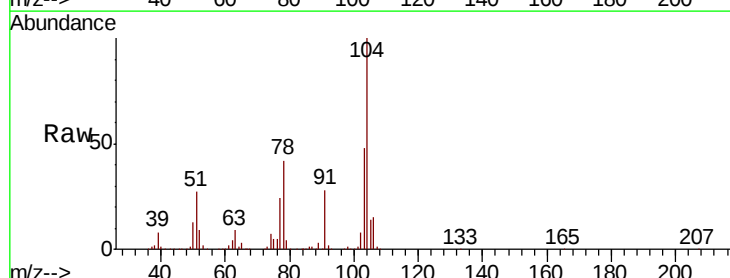
Manual Integrations
APPROVED

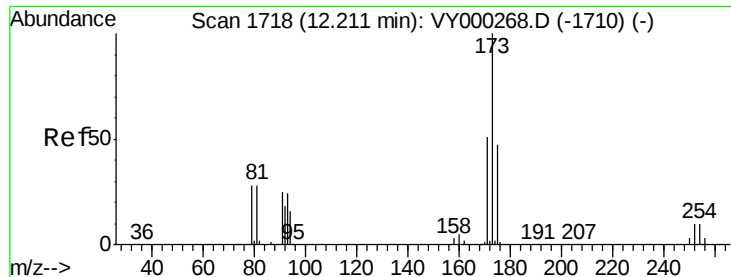
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#70
Styrene
Concen: 52.820 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. -0.00 min
Lab File: VY000447.D
Acq: 28 Oct 2019 11:48

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	48.0	39.0	58.6	
103	53.3	43.1	64.7	





#71

Bromoform

Concen: 56.723 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. -0.00 min

Lab File: VY000447.D

Acq: 28 Oct 2019 11:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion:173 Resp: 76144

Ion Ratio Lower Upper

173 100

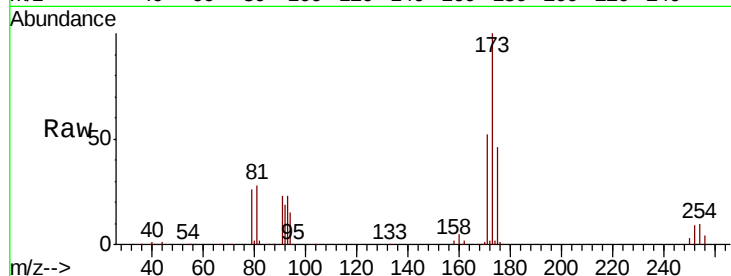
175 49.1 24.6 73.6

254 0.1 0.1 0.1#

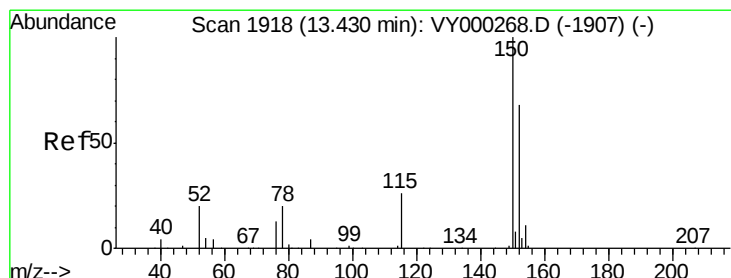
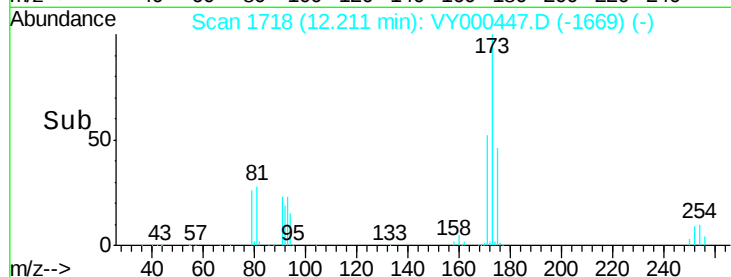
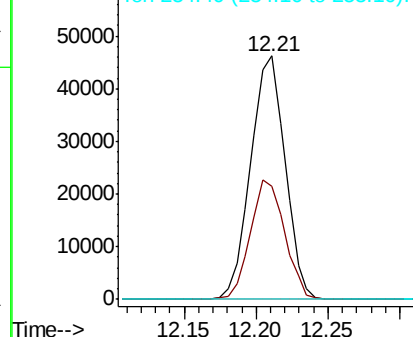
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. -0.01 min

Lab File: VY000447.D

Acq: 28 Oct 2019 11:48

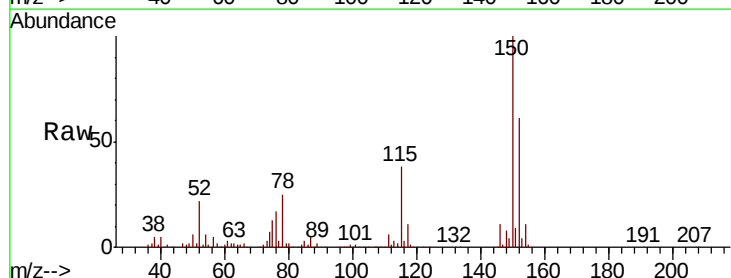
Tgt Ion:152 Resp: 157745

Ion Ratio Lower Upper

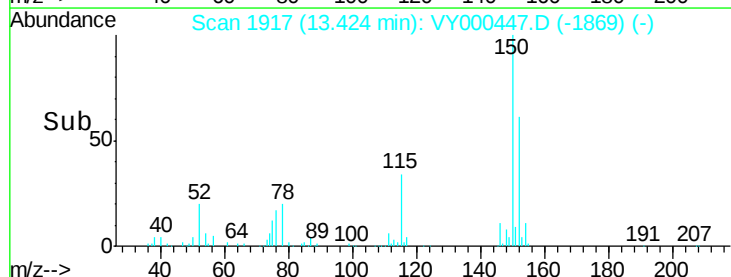
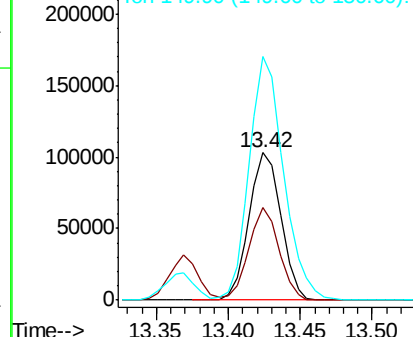
152 100

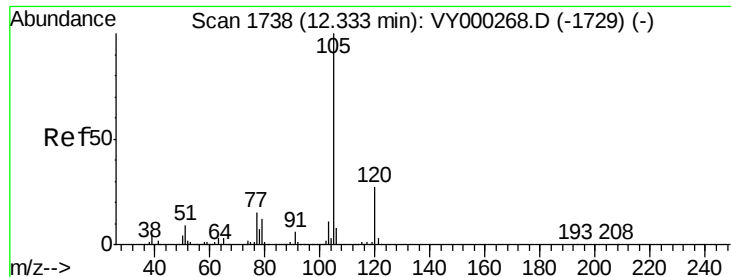
115 59.5 29.3 88.0

150 178.7 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: 51.060 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.01 min

Lab File: VY000447.D

Acq: 28 Oct 2019 11:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 628035

Ion Ratio Lower Upper

105 100

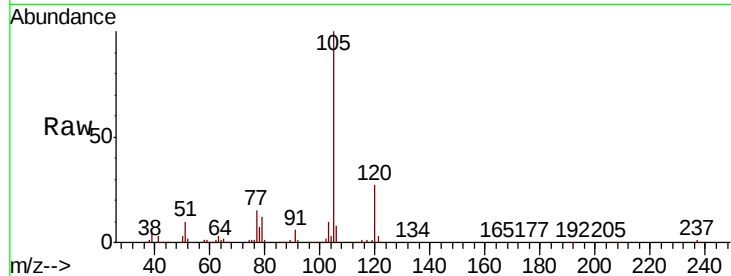
120 27.1 13.4 40.2

Manual Integrations

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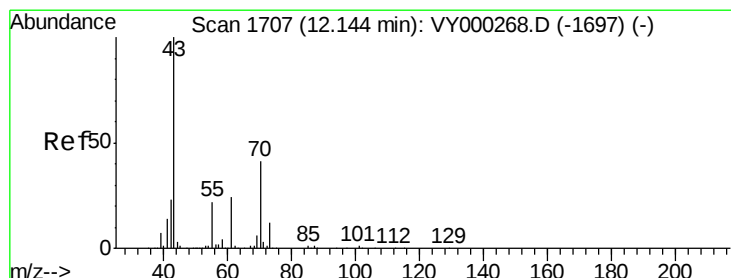
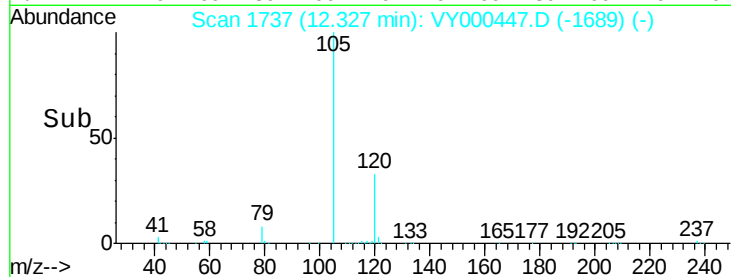
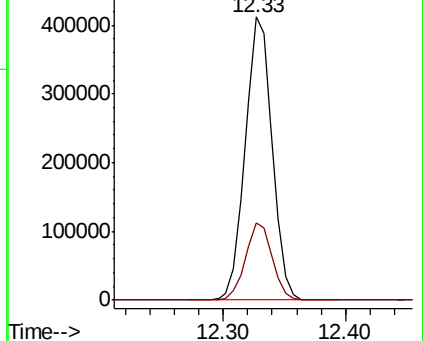
MMDadoda

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 65.138 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VY000447.D

Acq: 28 Oct 2019 11:48

Tgt Ion: 43 Resp: 196690

Ion Ratio Lower Upper

43 100

70 41.6 32.9 49.3

55 22.1 17.8 26.6

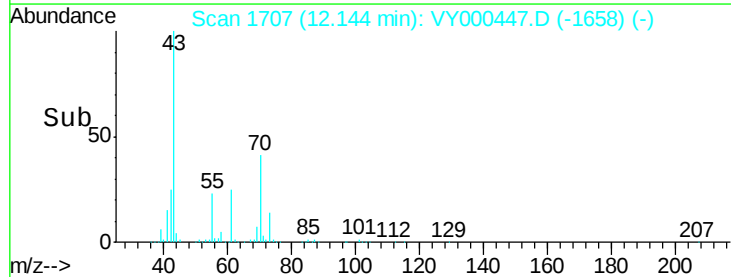
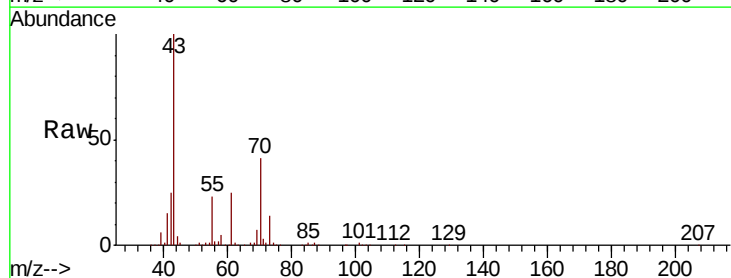
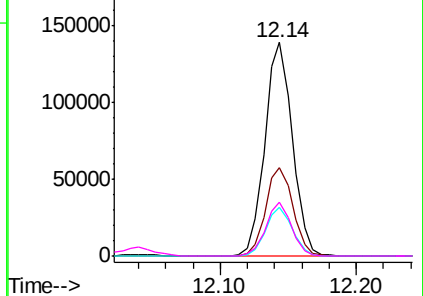
61 23.9 19.5 29.3

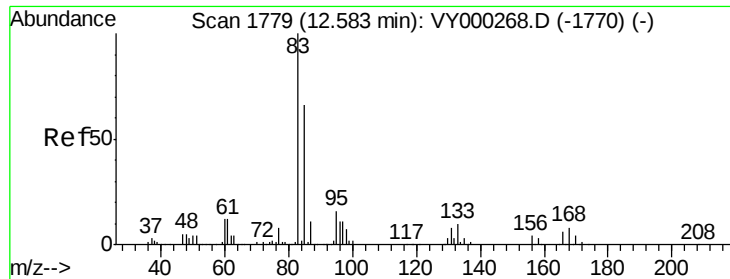
Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0





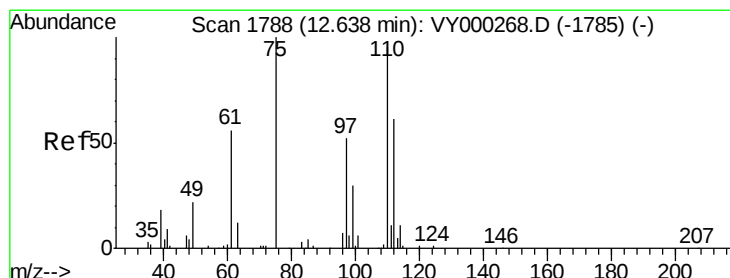
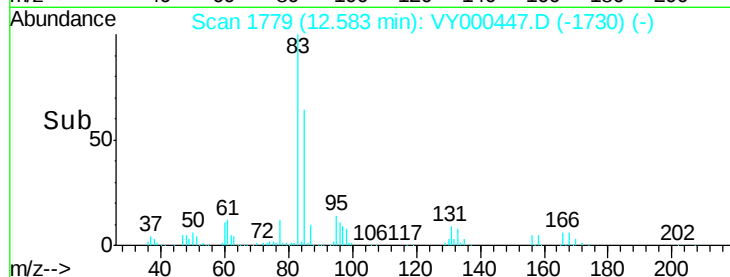
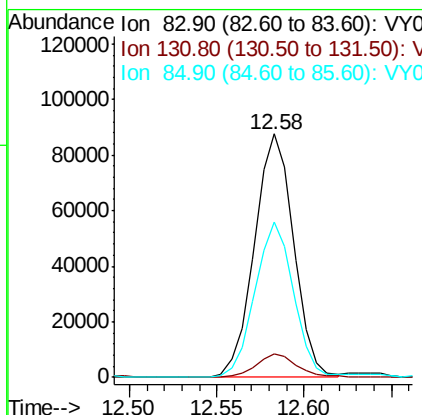
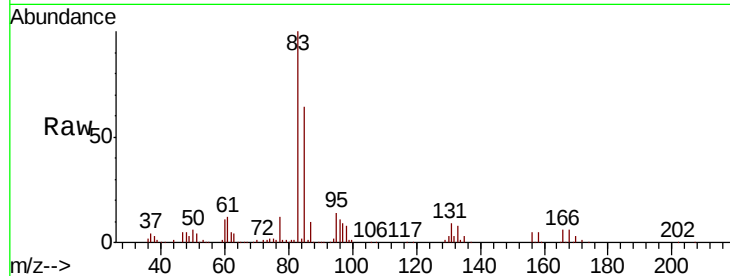
#75
 1,1,2,2-Tetrachloroethane
 Concen: 59.058 ug/l
 RT: 12.58 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VY000447.D
 Acq: 28 Oct 2019 11:48

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	83	Resp	136388
Ion Ratio	100	Lower	Upper
83	100		
131	9.7	5.3	16.1
85	62.7	32.9	98.7

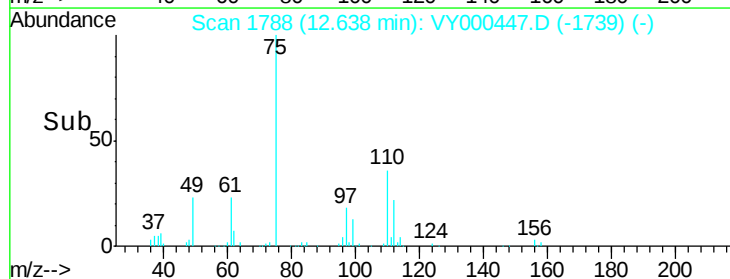
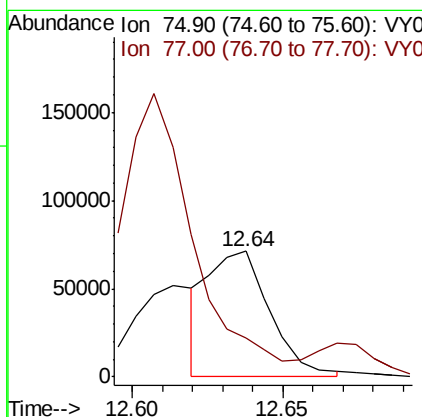
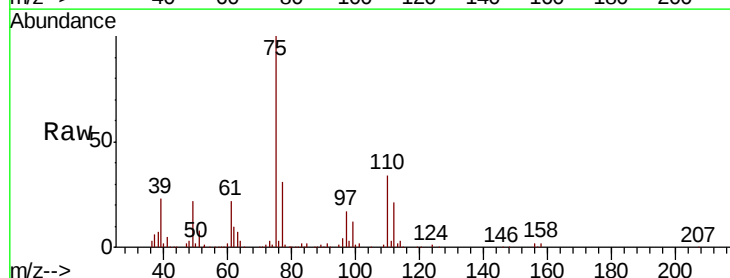
Manual Integrations
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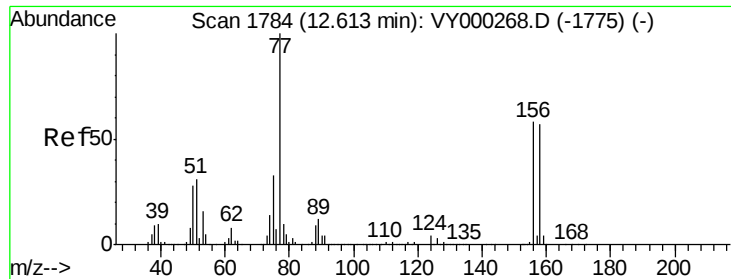
MMDadoda
 10/29/2019 2:06:14 PM



#76
 1,2,3-Trichloropropane
 Concen: 52.806 ug/l m
 RT: 12.64 min Scan# 1788
 Delta R.T. -0.00 min
 Lab File: VY000447.D
 Acq: 28 Oct 2019 11:48

Tgt Ion	75	Resp	102430
Ion Ratio	100	Lower	Upper
75	100		
77	0.0	0.0	0.0





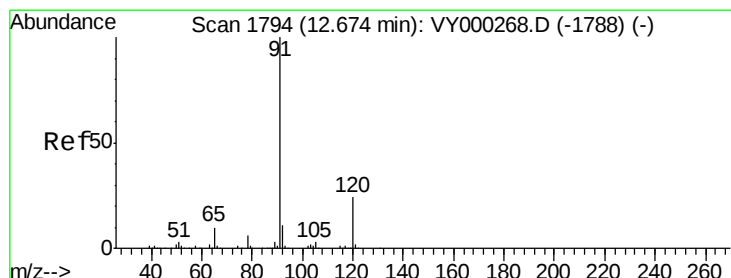
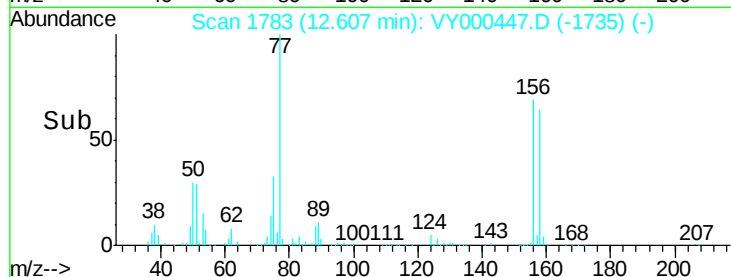
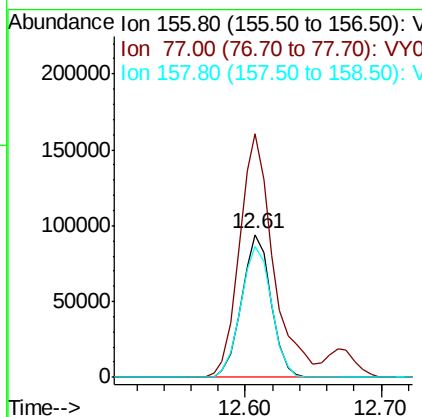
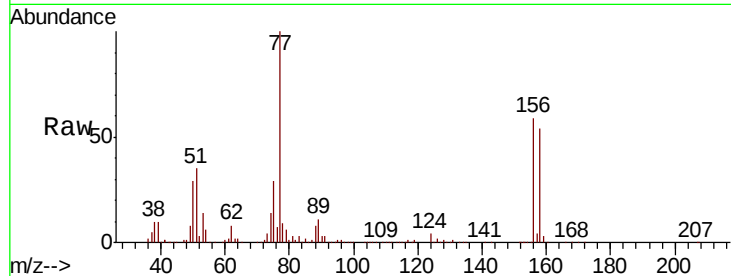
#77
Bromobenzene
Concen: 51.776 ug/l
RT: 12.61 min Scan# 1783
Delta R.T. -0.01 min
Lab File: VY000447.D
Acq: 28 Oct 2019 11:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
156	156	100		
77	77	195.4	101.0	302.9
158	158	95.9	49.7	149.1

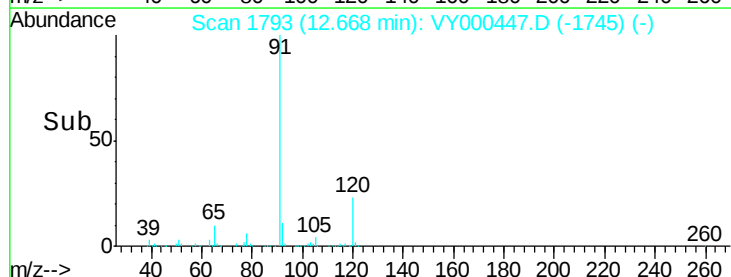
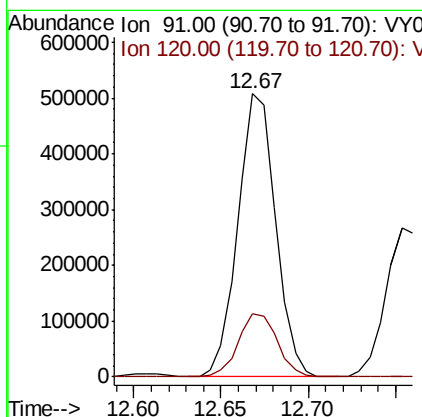
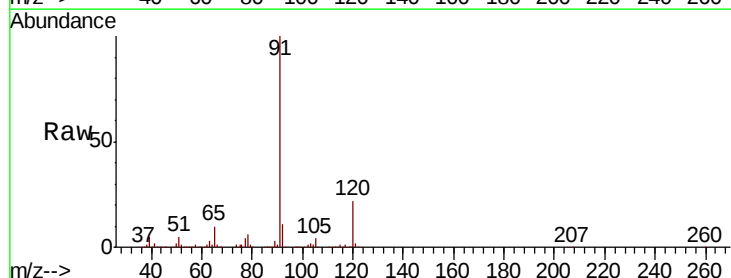
Manual Integrations
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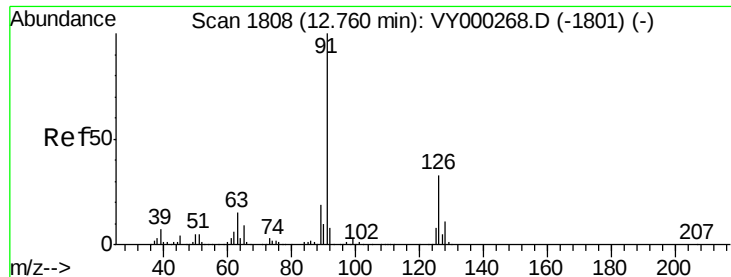
MMDadoda
10/29/2019 2:06:14 PM



#78
n-propylbenzene
Concen: 51.601 ug/l
RT: 12.67 min Scan# 1793
Delta R.T. -0.01 min
Lab File: VY000447.D
Acq: 28 Oct 2019 11:48

Tgt Ion	Ion	Ratio	Lower	Upper
91	91	100		
120	120	23.0	11.5	34.5





#79

2-Chlorotoluene

Concen: 51.627 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. -0.01 min

Lab File: VY000447.D

Acq: 28 Oct 2019 11:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 421061

Ion Ratio Lower Upper

91 100

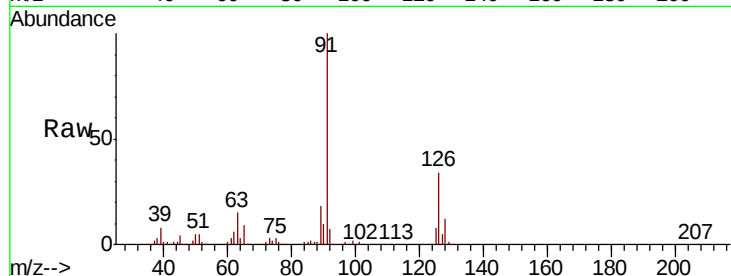
126 34.2 17.1 51.3

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VY000268.D (-1801) (-)

Ion 125.90 (125.60 to 126.60): VY000268.D (-1801) (-)

300000

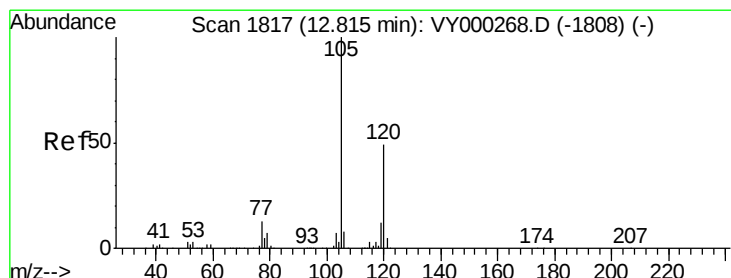
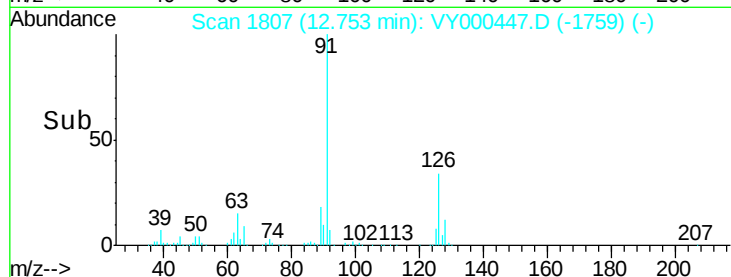
200000

100000

0

12.70 12.75 12.80

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 51.511 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. -0.00 min

Lab File: VY000447.D

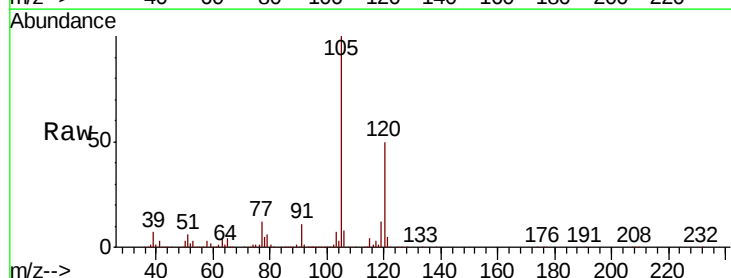
Acq: 28 Oct 2019 11:48

Tgt Ion: 105 Resp: 531277

Ion Ratio Lower Upper

105 100

120 50.4 24.9 74.8



Abundance Ion 105.00 (104.70 to 105.70): VY000268.D (-1808) (-)

Ion 120.00 (119.70 to 120.70): VY000268.D (-1808) (-)

400000

300000

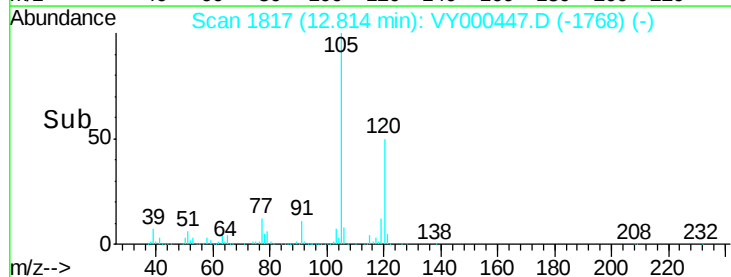
200000

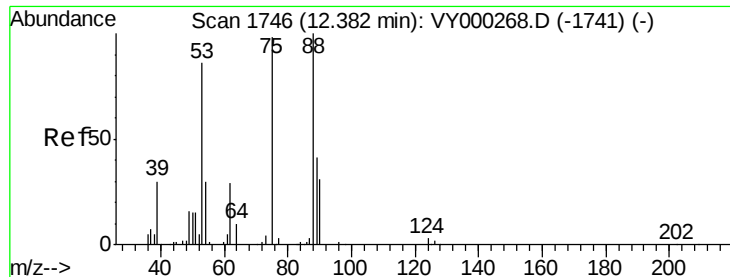
100000

0

12.70 12.80 12.90

Time-->





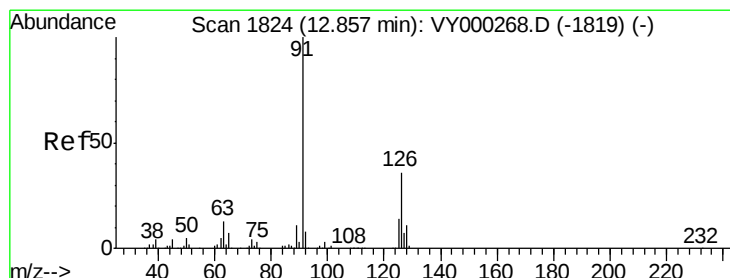
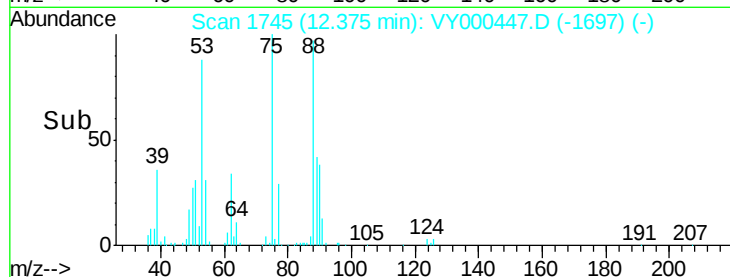
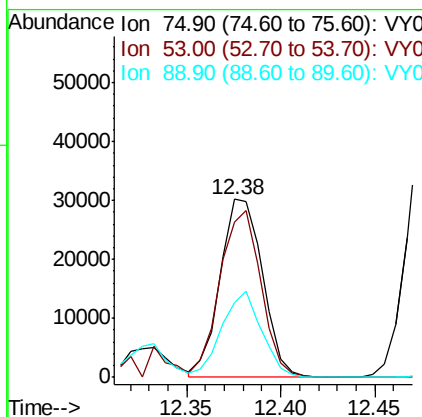
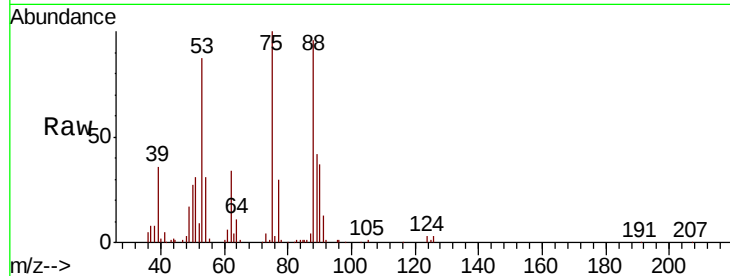
#81
trans-1,4-Dichloro-2-butene
Concen: 53.518 ug/l
RT: 12.38 min Scan# 1745
Delta R.T. -0.01 min
Lab File: VY000447.D
Acq: 28 Oct 2019 11:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	90.5	71.3	106.9
89	44.6	35.1	52.7

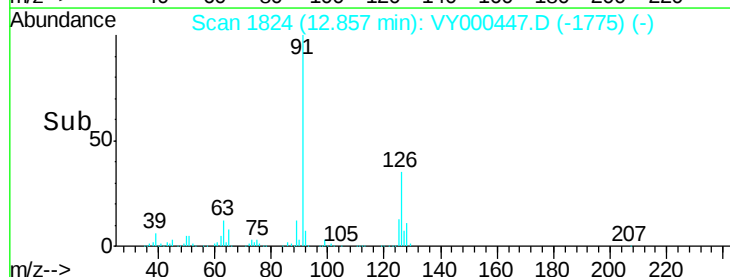
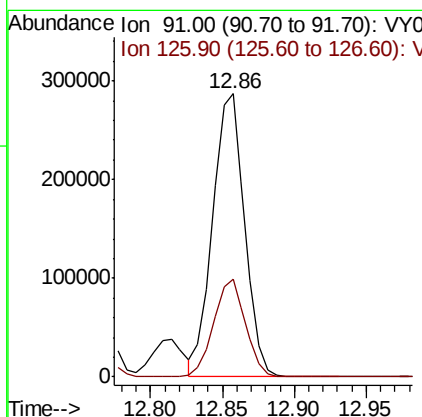
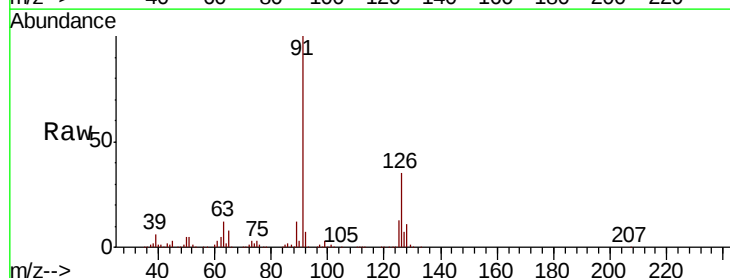
Manual Integrations
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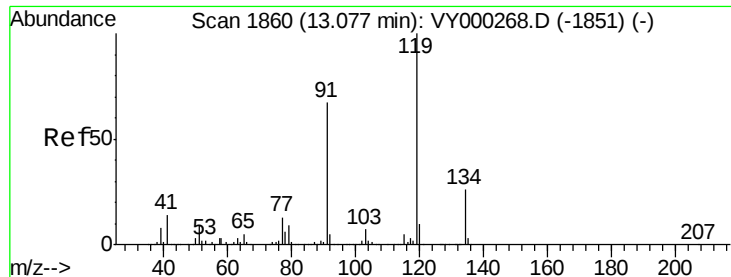
MMDadoda
10/29/2019 2:06:14 PM



#82
4-Chlorotoluene
Concen: 51.460 ug/l
RT: 12.86 min Scan# 1824
Delta R.T. -0.00 min
Lab File: VY000447.D
Acq: 28 Oct 2019 11:48

Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.5	17.2	51.5





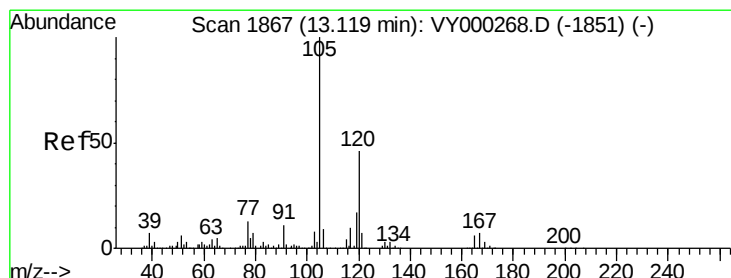
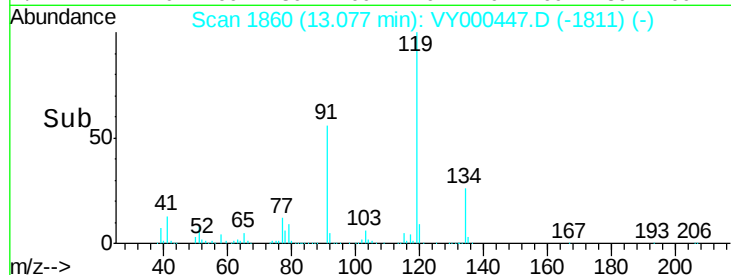
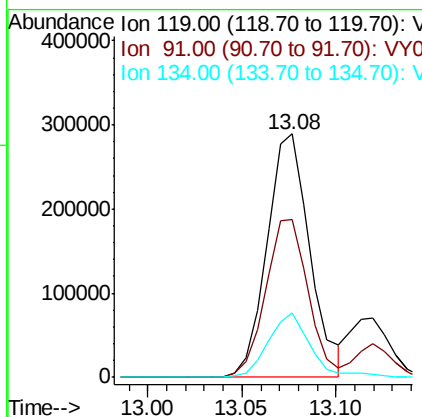
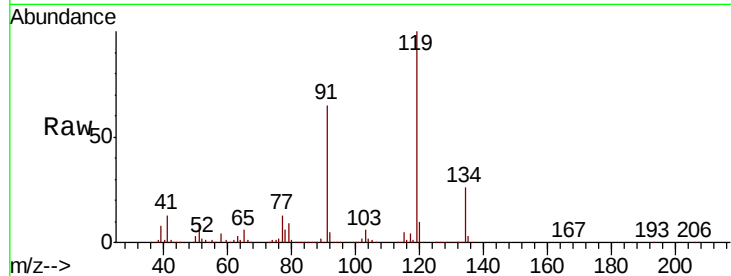
#83
tert-Butylbenzene
Concen: 52.190 ug/l
RT: 13.08 min Scan# 1860
Delta R.T. -0.00 min
Lab File: VY000447.D
Acq: 28 Oct 2019 11:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	64.4	32.9	98.7
134	26.1	13.3	39.8

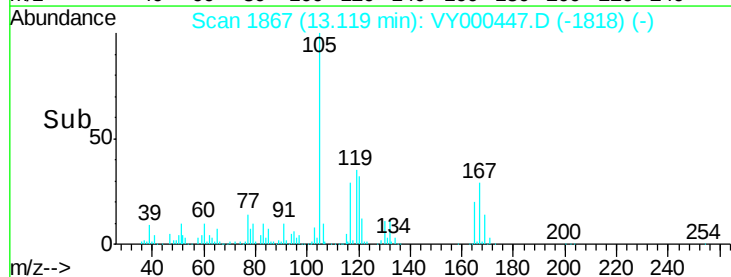
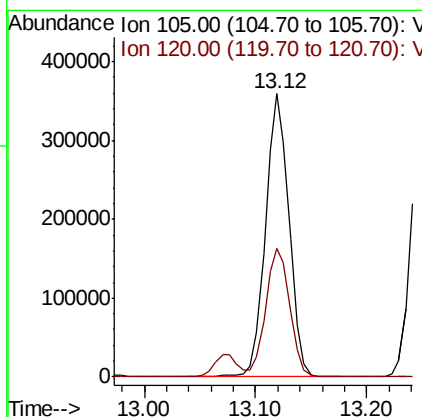
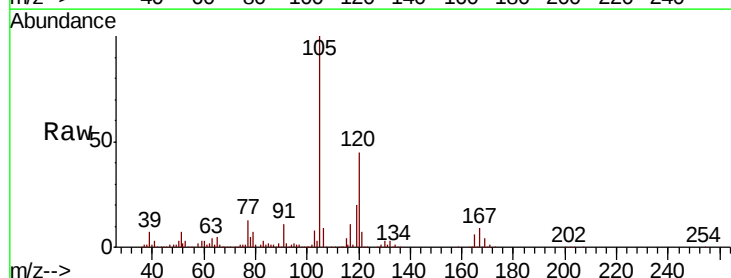
Manual Integrations
APPROVED

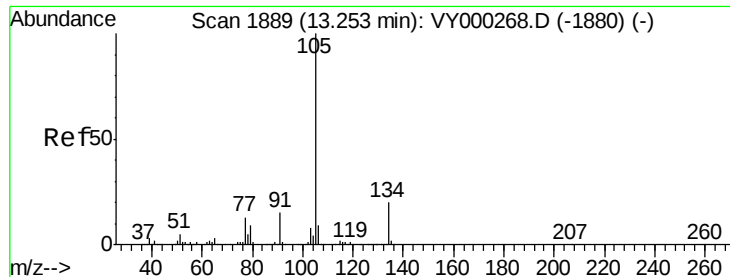
MMDadoda
10/29/2019 2:06:14 PM



#84
1,2,4-Trimethylbenzene
Concen: 51.997 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. -0.00 min
Lab File: VY000447.D
Acq: 28 Oct 2019 11:48

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.9	22.9	68.8





#85

sec-Butylbenzene

Concen: 51.885 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY000447.D

Acq: 28 Oct 2019 11:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 655574

Ion Ratio Lower Upper

105 100

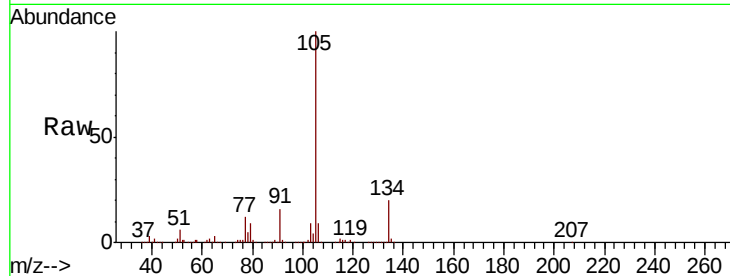
134 20.5 10.1 30.1

Manual Integrations

APPROVED

MMDadoda

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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

400000

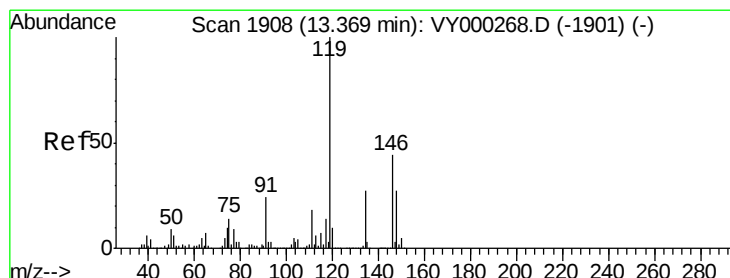
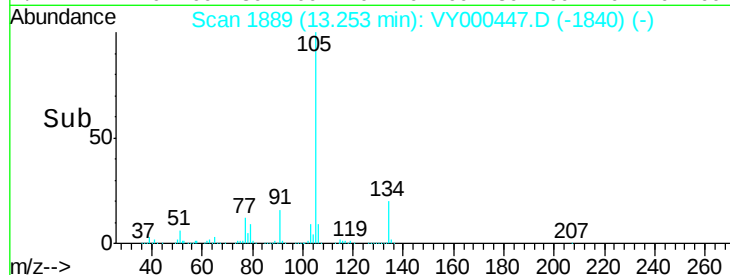
300000

200000

100000

0

Time-->



#86

p-Isopropyltoluene

Concen: 52.922 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY000447.D

Acq: 28 Oct 2019 11:48

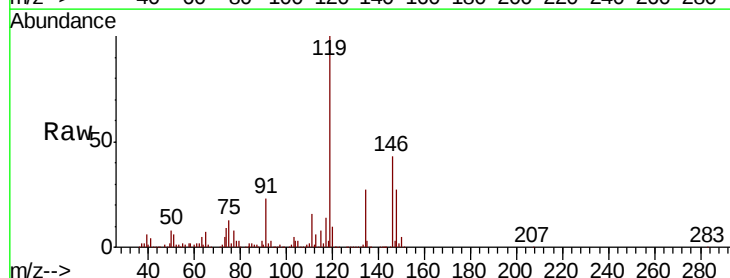
Tgt Ion:119 Resp: 582955

Ion Ratio Lower Upper

119 100

134 27.1 13.6 40.8

91 23.6 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

13.37

400000

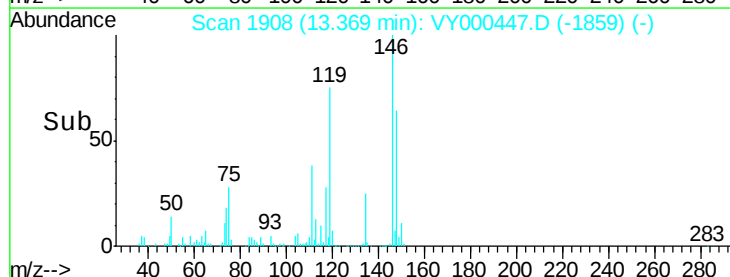
300000

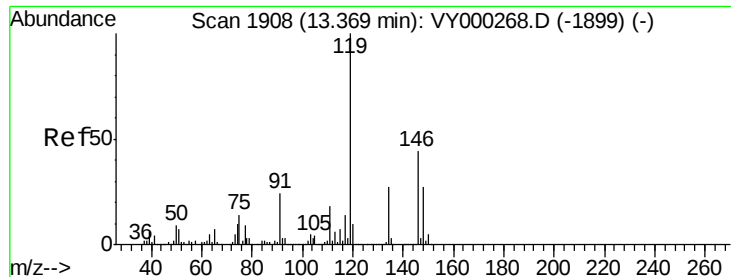
200000

100000

0

Time-->





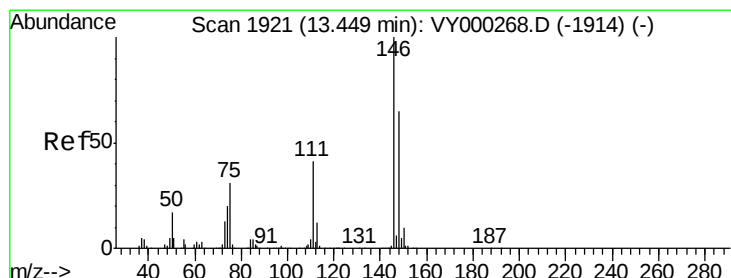
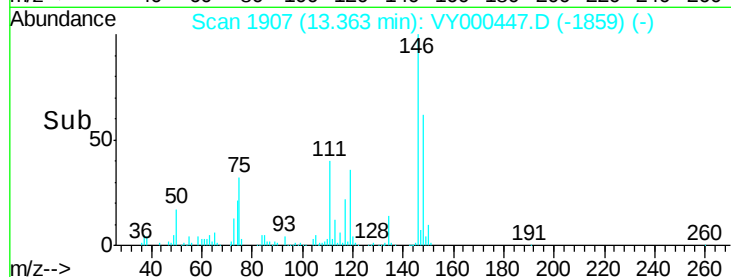
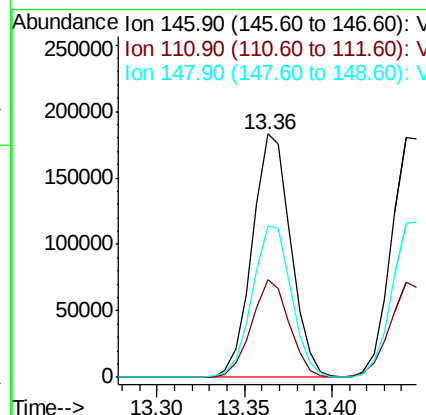
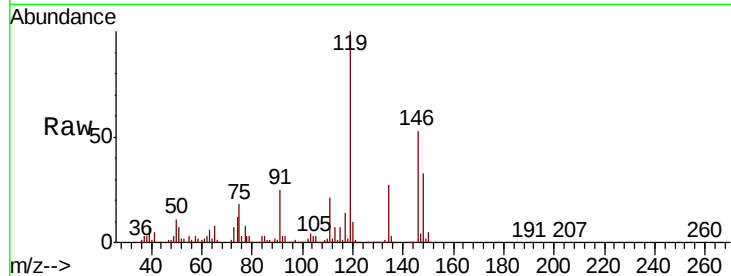
#87
 1,3-Dichlorobenzene
 Concen: 51.861 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.01 min
 Lab File: VY000447.D
 Acq: 28 Oct 2019 11:48

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	279668		
111	39.4	20.6	61.8	
148	63.3	31.9	95.5	

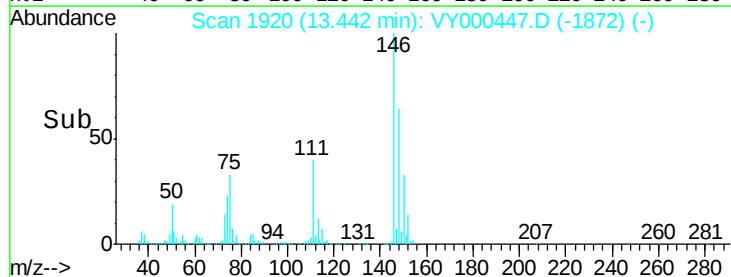
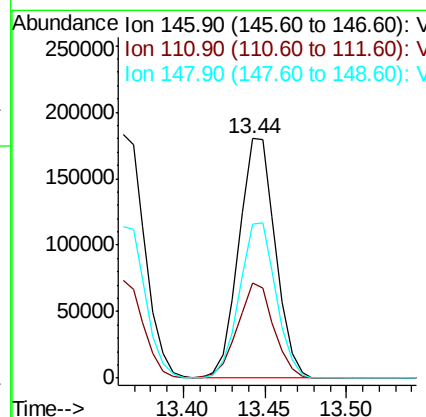
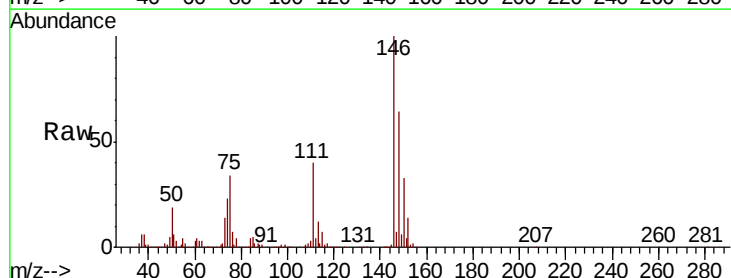
Manual Integrations
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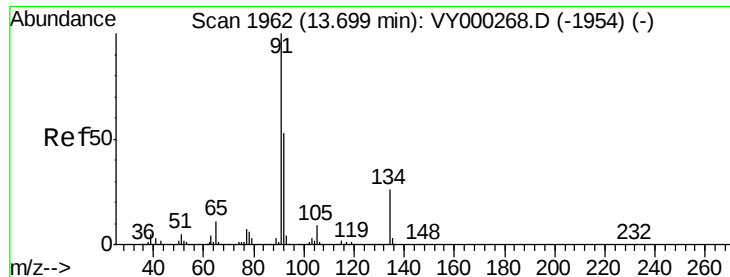
MMDadoda
 10/29/2019 2:06:14 PM



#88
 1,4-Dichlorobenzene
 Concen: 52.097 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. -0.01 min
 Lab File: VY000447.D
 Acq: 28 Oct 2019 11:48

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	280807		
111	39.1	20.1	60.2	
148	64.3	32.4	97.2	





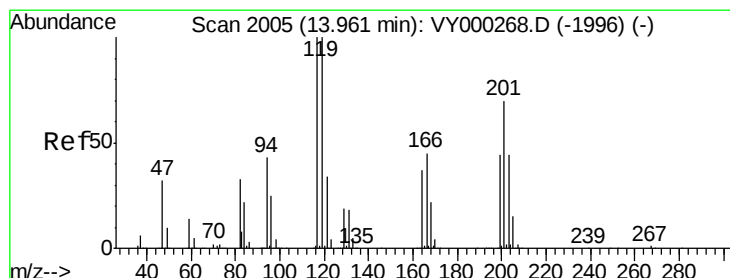
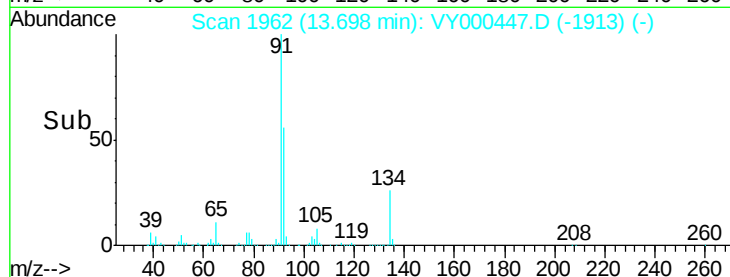
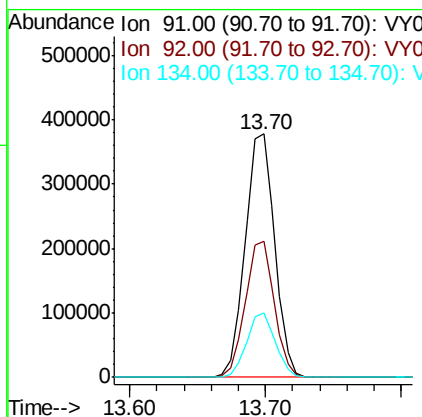
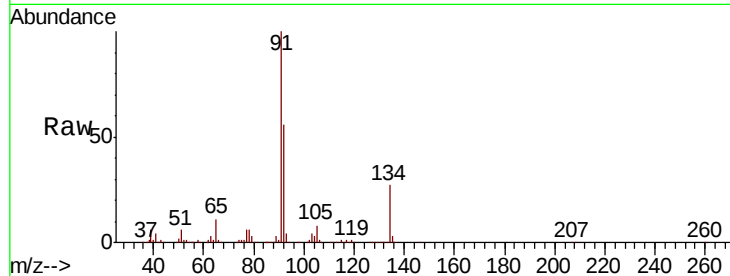
#89
n-Butylbenzene
Concen: 52.697 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. -0.00 min
Lab File: VY000447.D
Acq: 28 Oct 2019 11:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.7	26.7	80.1
134	25.8	13.0	38.9

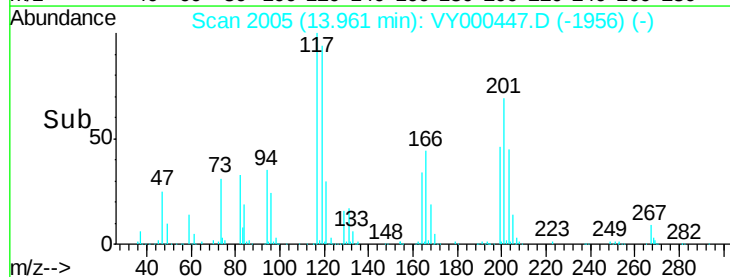
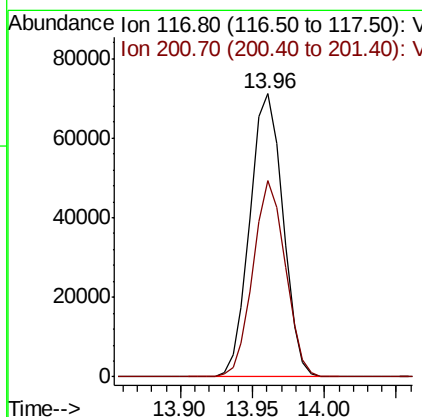
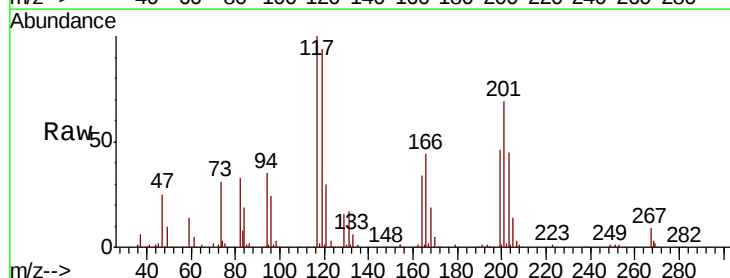
Manual Integrations
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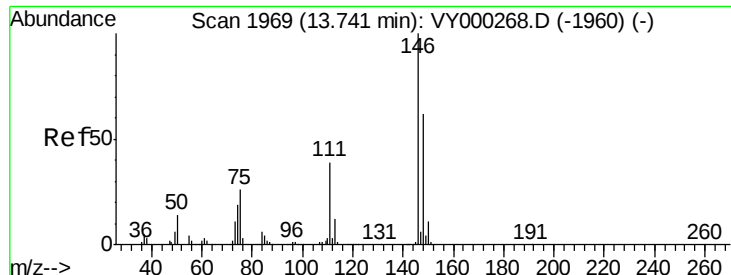
MMDadoda
10/29/2019 2:06:14 PM



#90
Hexachloroethane
Concen: 55.361 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.00 min
Lab File: VY000447.D
Acq: 28 Oct 2019 11:48

Tgt Ion	Ratio	Lower	Upper
117	100		
201	67.9	36.3	108.7





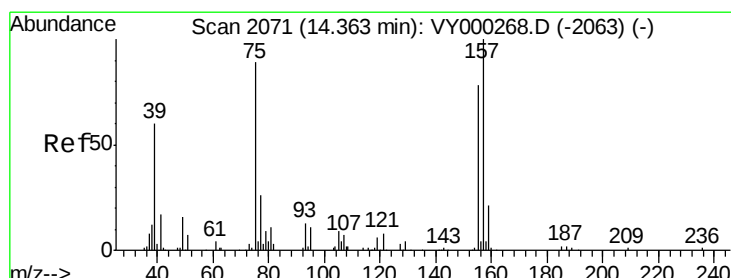
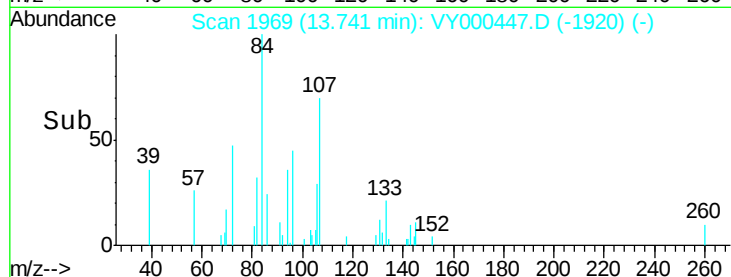
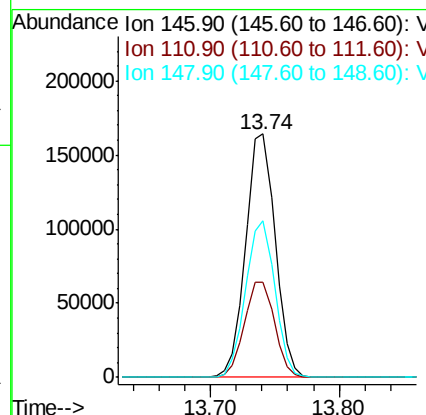
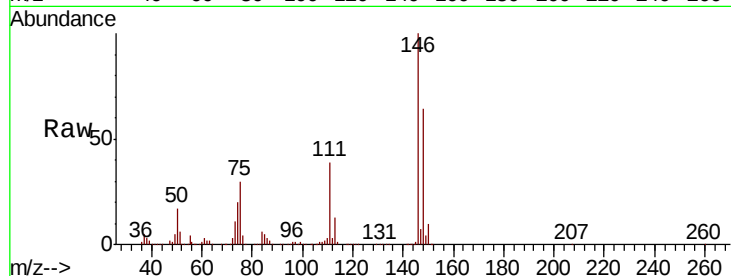
#91
 1,2-Dichlorobenzene
 Concen: 53.308 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. -0.00 min
 Lab File: VY000447.D
 Acq: 28 Oct 2019 11:48

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	260156		
111	40.3		20.5	61.5
148	63.7		31.6	95.0

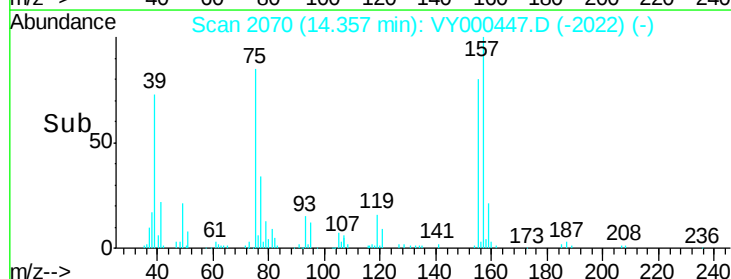
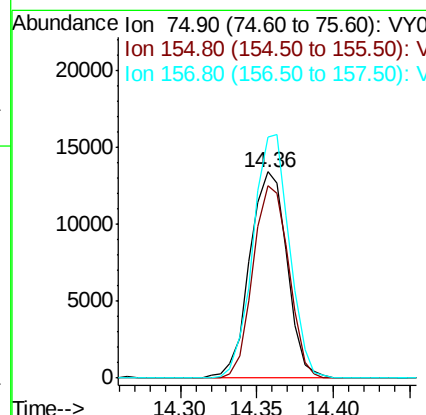
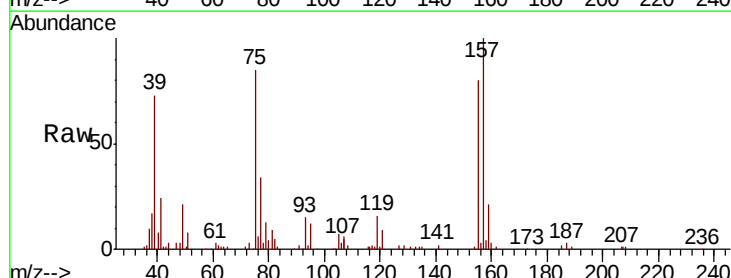
Manual Integrations
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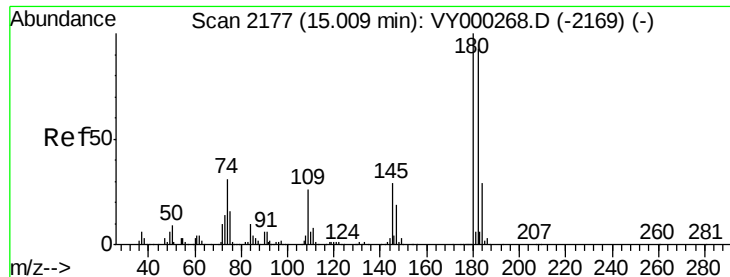
MMDadoda
 10/29/2019 2:06:14 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.088 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. -0.01 min
 Lab File: VY000447.D
 Acq: 28 Oct 2019 11:48

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	22814		
155	88.8		45.8	137.3
157	115.0		55.6	166.9





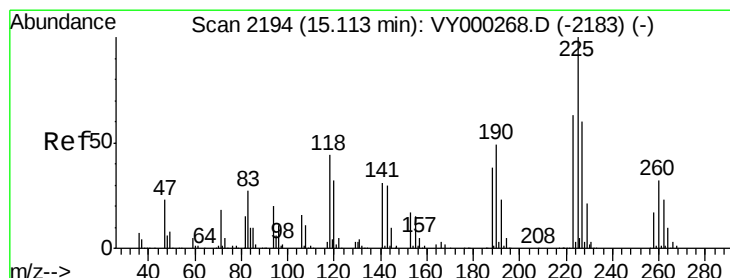
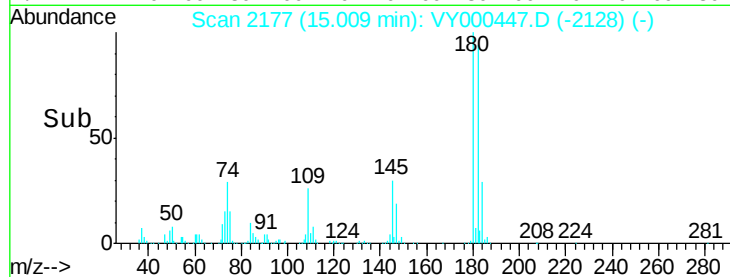
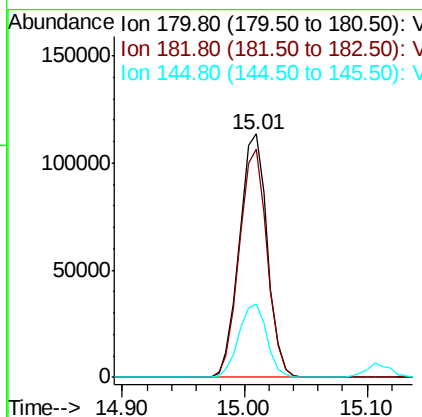
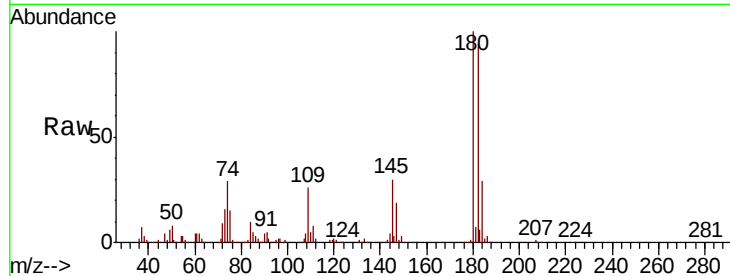
#93
 1,2,4-Trichlorobenzene
 Concen: 52.548 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. -0.00 min
 Lab File: VY000447.D
 Acq: 28 Oct 2019 11:48

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	178550		
182	93.4	47.5	142.6	
145	30.3	15.4	46.1	

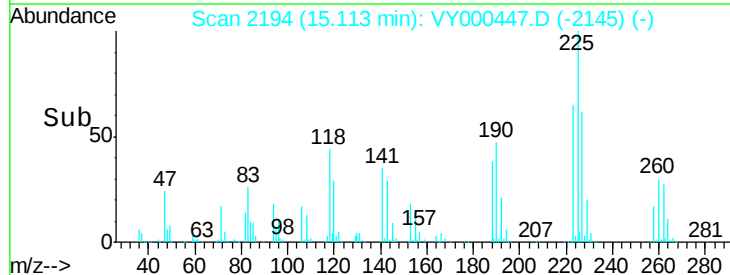
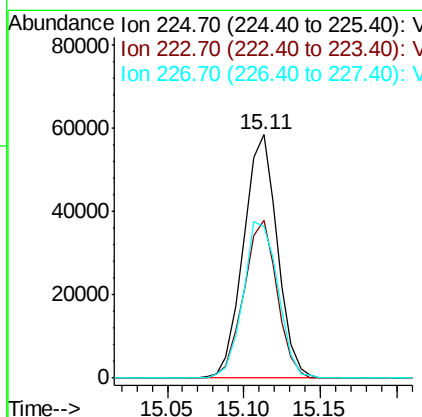
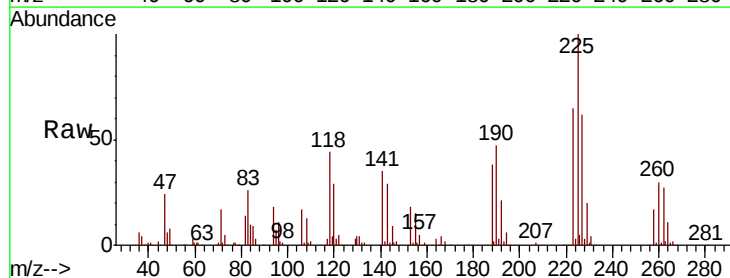
Manual Integrations
 APPROVED

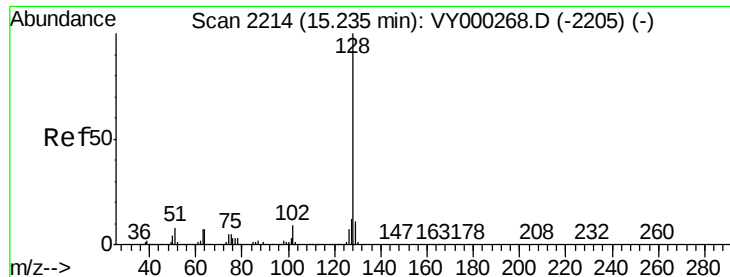
MMDadoda
 10/29/2019 2:06:14 PM



#94
 Hexachlorobutadiene
 Concen: 48.767 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. -0.00 min
 Lab File: VY000447.D
 Acq: 28 Oct 2019 11:48

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	89673		
223	63.8	31.9	95.7	
227	66.1	31.4	94.2	





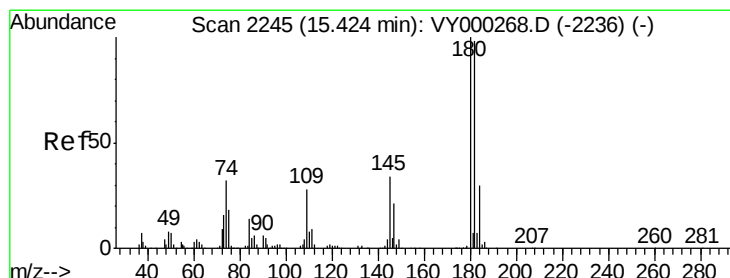
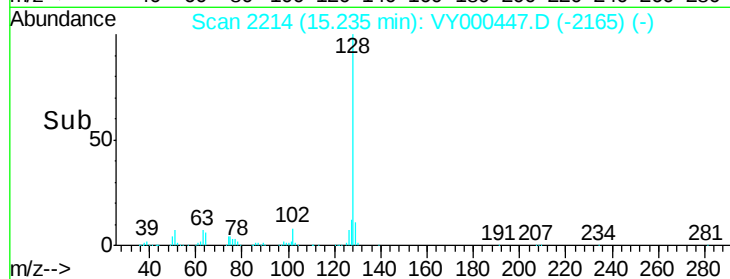
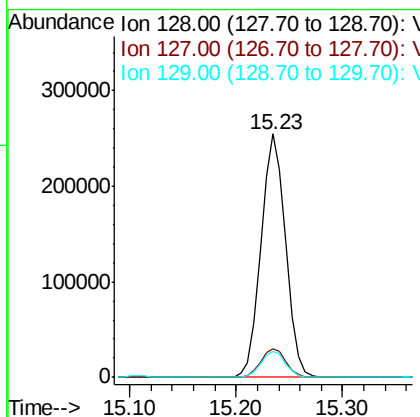
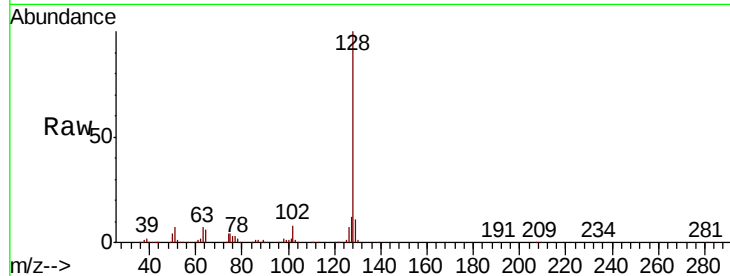
#95
Naphthalene
Concen: 54.314 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VY000447.D
Acq: 28 Oct 2019 11:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.1	9.6	14.4
129	10.8	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
10/29/2019 2:06:14 PM



#96
1,2,3-Trichlorobenzene
Concen: 51.960 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. -0.00 min
Lab File: VY000447.D
Acq: 28 Oct 2019 11:48

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.8	46.5	139.5
145	32.5	16.2	48.5

