

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY102219\
 Data File : VY000369.D
 Acq On : 22 Oct 2019 17:16
 Operator : SY/MD
 Sample : K5494-02MS
 Misc : 5.39G/5ML/MSVOA Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP1-2FTMS

Manual Integrations
 APPROVED

MMDadoda
 10/24/2019 4:34:14 PM

Quant Time: Oct 23 08:41:18 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	21705	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	34364	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	27928	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	12774	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	12746	55.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.34%	
35) Dibromofluoromethane	7.74	113	7985	38.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	77.04%	
50) Toluene-d8	10.19	98	39826	49.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.90%	
62) 4-Bromofluorobenzene	12.48	95	12964	42.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.58%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.90	85	7898	45.693	ug/l	87
3) Chloromethane	2.11	50	11650	43.924	ug/l	98
4) Vinyl Chloride	2.26	62	12817	47.883	ug/l	93
5) Bromomethane	2.66	94	5200	26.213	ug/l	85
6) Chloroethane	2.80	64	8447	48.909	ug/l	98
7) Trichlorofluoromethane	3.13	101	17762	48.511	ug/l	93
8) Diethyl Ether	3.54	74	6966	53.854	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.90	101	11035	49.696	ug/l #	72
10) Methyl Iodide	4.11	142	11903	37.927	ug/l #	96
11) Tert butyl alcohol	4.97	59	6272	261.767	ug/l	98
12) 1,1-Dichloroethene	3.88	96	10394	47.415	ug/l #	93
13) Acrolein	3.73	56	3784	134.706	ug/l	92
14) Allyl chloride	4.49	41	17515	48.214	ug/l	98
15) Acrylonitrile	5.19	53	18889	260.902	ug/l	98
16) Acetone	3.96	43	20882	281.637	ug/l	93
17) Carbon Disulfide	4.20	76	27160	39.351	ug/l	100
18) Methyl Acetate	4.49	43	18180	98.686	ug/l	96
19) Methyl tert-butyl Ether	5.23	73	32193	52.754	ug/l	91
20) Methylene Chloride	4.72	84	12748	51.155	ug/l #	80
21) trans-1,2-Dichloroethene	5.24	96	11667	46.389	ug/l	89
22) Diisopropyl ether	6.13	45	36707	47.774	ug/l #	83
23) Vinyl Acetate	6.08	43	9152	18.258	ug/l	100
24) 1,1-Dichloroethane	6.02	63	21934	52.300	ug/l	99
25) 2-Butanone	7.00	43	25487	244.019	ug/l	96
26) 2,2-Dichloropropane	6.99	77	17876	46.257	ug/l	98
27) cis-1,2-Dichloroethene	6.99	96	13000	47.768	ug/l	99
28) Bromochloromethane	7.35	49	8403	46.673	ug/l	88
29) Tetrahydrofuran	7.36	42	16743	264.508	ug/l	96
30) Chloroform	7.52	83	21847	51.727	ug/l	92
31) Cyclohexane	7.80	56	19376	44.234	ug/l	99
32) 1,1,1-Trichloroethane	7.71	97	18648	49.663	ug/l	96
36) 1,1-Dichloropropene	7.94	75	16736	49.744	ug/l	98
37) Ethyl Acetate	7.09	43	8139	40.855	ug/l #	90
38) Carbon Tetrachloride	7.91	117	16075	49.346	ug/l #	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	18564	42.158	ug/l	93
40) Benzene	8.17	78	48021	49.390	ug/l	98
41) Methacrylonitrile	7.33	41	5815m	61.322	ug/l	
42) 1,2-Dichloroethane	8.25	62	14731	53.040	ug/l	99
43) Isopropyl Acetate	8.28	43	17558	46.353	ug/l	93
44) Trichloroethene	8.95	130	15082	55.284	ug/l	97
45) 1,2-Dichloropropane	9.22	63	12630	52.933	ug/l	96
46) Dibromomethane	9.31	93	6505	48.769	ug/l	97
47) Bromodichloromethane	9.50	83	15131	48.135	ug/l #	98
48) Methyl methacrylate	9.30	41	9112	54.889	ug/l	98
49) 1,4-Dioxane	9.30	88	2519	1259.550	ug/l #	89
51) 4-Methyl-2-Pentanone	10.08	43	48859	250.083	ug/l	99
52) Toluene	10.25	92	29261	47.402	ug/l	98
53) t-1,3-Dichloropropene	10.47	75	13204	39.194	ug/l	96
54) cis-1,3-Dichloropropene	9.94	75	15814	41.335	ug/l	98
55) 1,1,2-Trichloroethane	10.65	97	9891	51.001	ug/l	94
56) Ethyl methacrylate	10.52	69	9782	35.387	ug/l	98
57) 1,3-Dichloropropane	10.80	76	16927	50.822	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.79	63	27725	251.455	ug/l	97
59) 2-Hexanone	10.84	43	28644	208.876	ug/l	98
60) Dibromochloromethane	10.99	129	10593	49.280	ug/l	90
61) 1,2-Dibromoethane	11.09	107	8531	45.814	ug/l	100
64) Tetrachloroethene	10.72	164	15556	58.508	ug/l	98
65) Chlorobenzene	11.52	112	29653	50.310	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.59	131	11626	56.152	ug/l	97
67) Ethyl Benzene	11.59	91	53161	48.654	ug/l	97
68) m/p-Xylenes	11.70	106	41580	99.547	ug/l	96
69) o-Xylene	12.03	106	20235	50.782	ug/l	93
70) Styrene	12.05	104	28236	42.017	ug/l	99
71) Bromoform	12.20	173	5463	45.899	ug/l #	97
73) Isopropylbenzene	12.33	105	51271	51.475	ug/l	96
74) N-amyl acetate	12.14	43	5682	23.237	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.58	83	8348	44.639	ug/l	98
76) 1,2,3-Trichloropropane	12.64	75	8591m	54.693	ug/l	
77) Bromobenzene	12.61	156	11112	50.135	ug/l	98
78) n-propylbenzene	12.67	91	56568	47.302	ug/l	98
79) 2-Chlorotoluene	12.76	91	32111	48.620	ug/l	98
80) 1,3,5-Trimethylbenzene	12.81	105	42635	51.048	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.38	75	1622	22.593	ug/l	95
82) 4-Chlorotoluene	12.86	91	31633	45.311	ug/l	97
83) tert-Butylbenzene	13.08	119	35969	50.855	ug/l	98
84) 1,2,4-Trimethylbenzene	13.12	105	40498	49.130	ug/l	97
85) sec-Butylbenzene	13.25	105	48730	47.626	ug/l	96
86) p-Isopropyltoluene	13.37	119	41562	46.594	ug/l	97
87) 1,3-Dichlorobenzene	13.36	146	19742	45.208	ug/l	96
88) 1,4-Dichlorobenzene	13.45	146	19465	44.595	ug/l	97
89) n-Butylbenzene	13.70	91	36185	41.050	ug/l	98
90) Hexachloroethane	13.96	117	6237	37.760	ug/l	96
91) 1,2-Dichlorobenzene	13.74	146	18510	46.837	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.35	75	1251	35.271	ug/l	83

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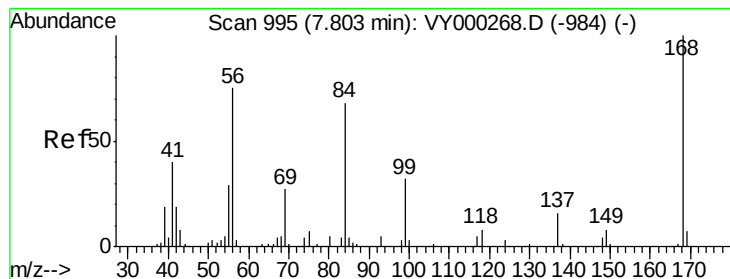
Manual Integrations
APPROVED

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	8581	31.186	ug/l	97
94) Hexachlorobutadiene	15.11	225	5803	38.971	ug/l	88
95) Naphthalene	15.23	128	19012	30.962	ug/l	98
96) 1,2,3-Trichlorobenzene	15.42	180	7518	30.317	ug/l	96

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.00 min

Lab File: VY000369.D

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Instrument :

MSVOA_Y

ClientSampleId :

TP1-2FTMS

Tot Ion:168 Resp: 21705

Ion Ratio Lower Upper

168 100

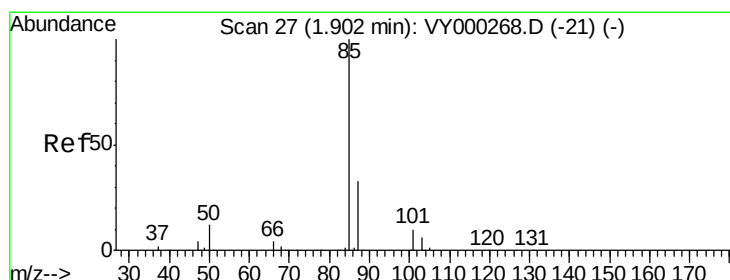
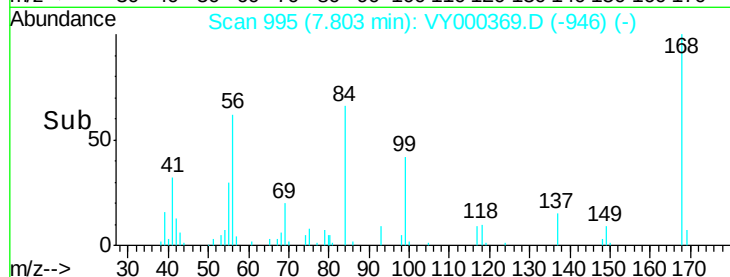
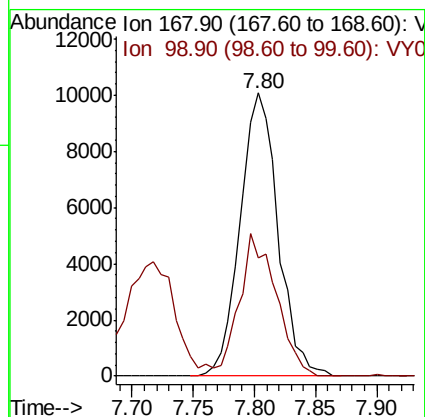
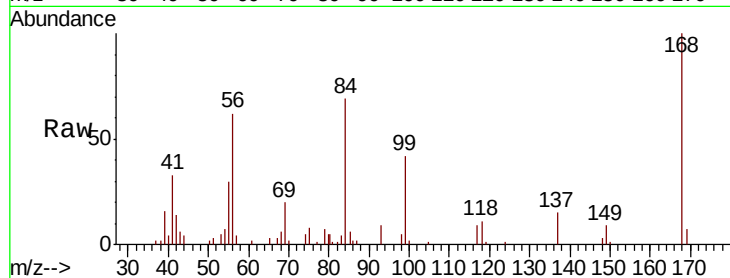
99 41.7 46.6 69.8#

Manual Integrations

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10/24/2019 4:34:14 PM



#2

Dichlorodifluoromethane

Concen: 45.693 ug/l

RT: 1.90 min Scan# 27

Delta R.T. 0.00 min

Lab File: VY000369.D

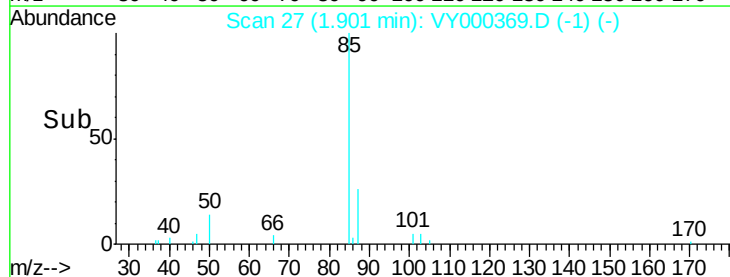
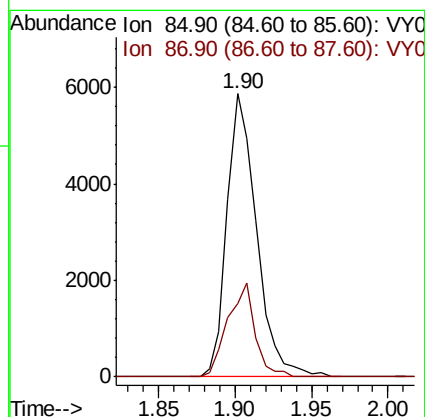
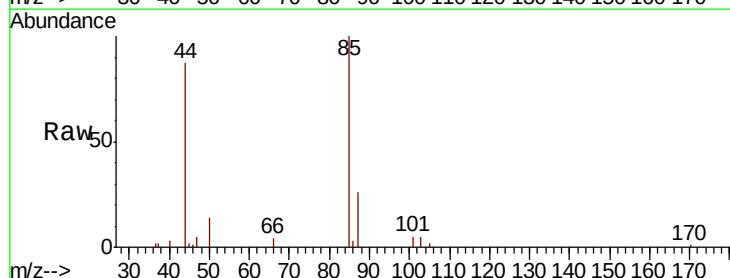
Acq: 22 Oct 2019 17:16

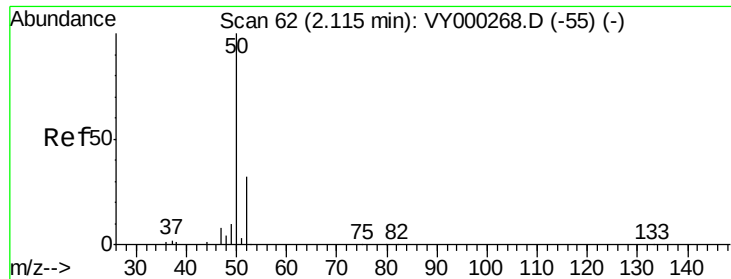
Tgt Ion: 85 Resp: 7898

Ion Ratio Lower Upper

85 100

87 25.9 16.6 49.8





#3

Chloromethane

Concen: 43.924 ug/l

RT: 2.11 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY000369.D

Acq: 22 Oct 2019 17:16

Instrument :

MSVOA_Y

ClientSampleId :

TP1-2FTMS

Tot Ion: 50 Resp: 11650

Ion Ratio Lower Upper

50 100

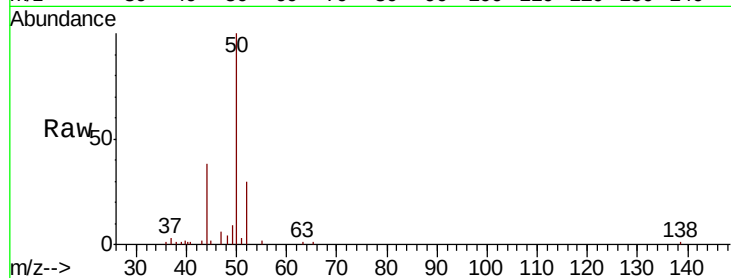
52 30.5 25.3 37.9

Manual Integrations

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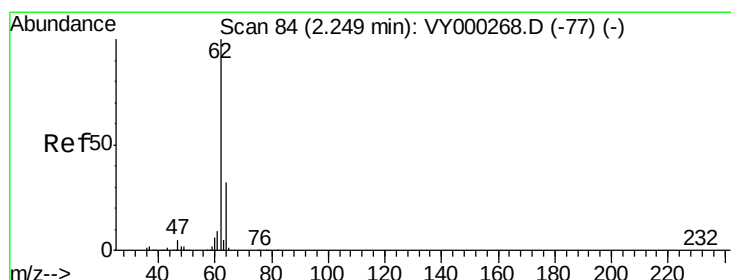
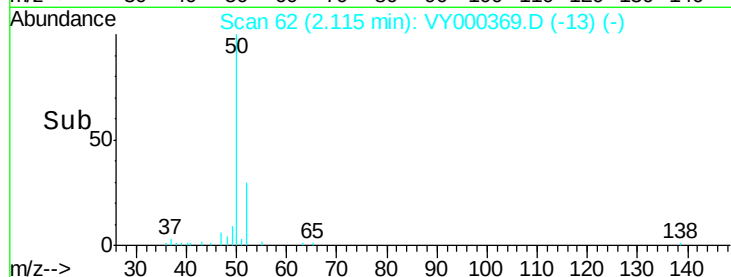
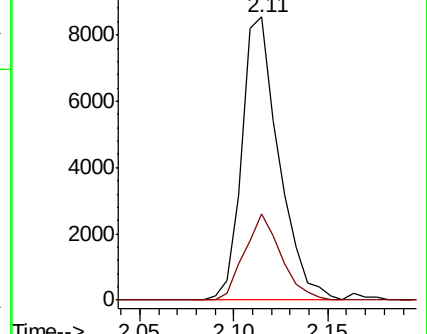
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Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 47.883 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.01 min

Lab File: VY000369.D

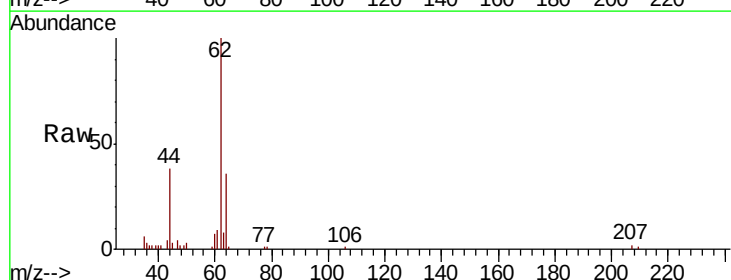
Acq: 22 Oct 2019 17:16

Tgt Ion: 62 Resp: 12817

Ion Ratio Lower Upper

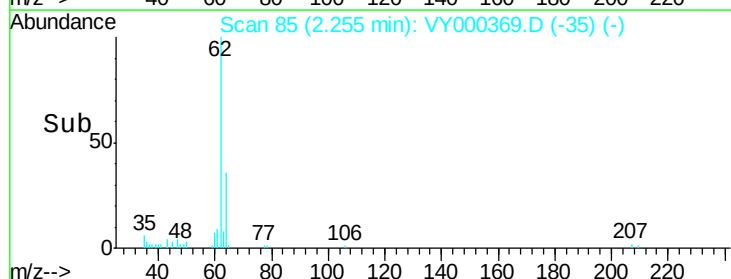
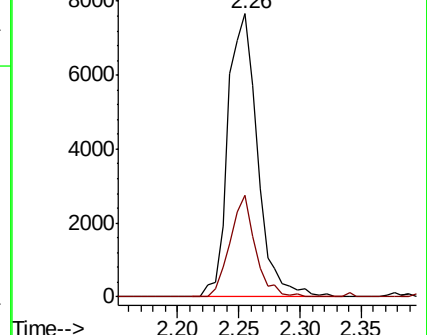
62 100

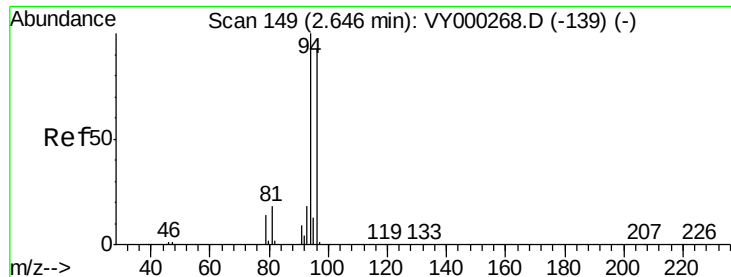
64 35.7 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 26.213 ug/l

RT: 2.66 min Scan# 152

Delta R.T. 0.02 min

Lab File: VY000369.D

Acq: 22 Oct 2019 17:16

Instrument :

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ClientSampleId :

TP1-2FTMS

Tot Ion: 94 Resp: 5200

Ion Ratio Lower Upper

94 100

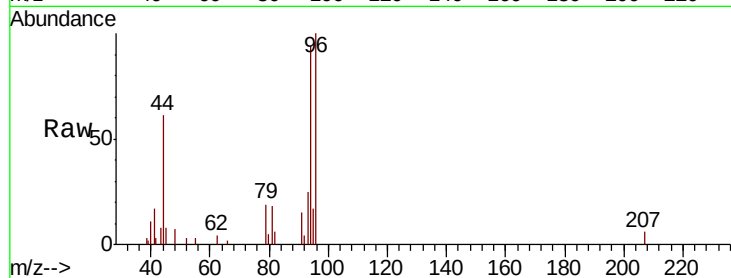
96 106.6 74.2 111.2

Manual Integrations

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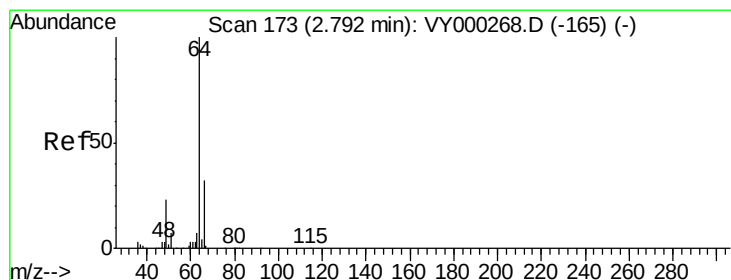
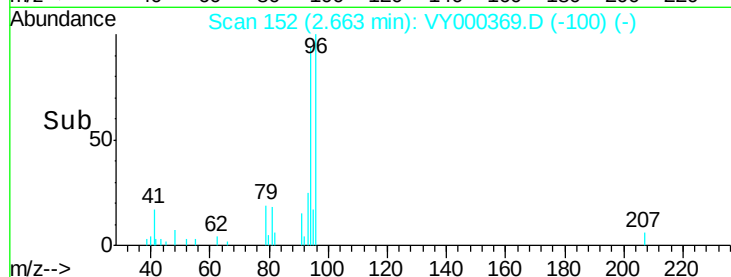
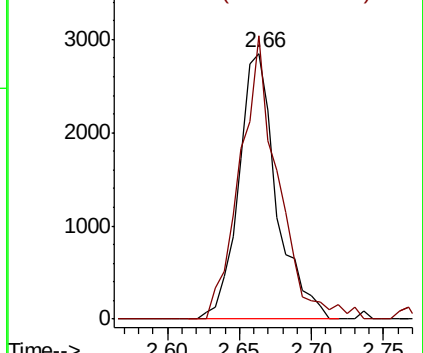
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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 48.909 ug/l

RT: 2.80 min Scan# 174

Delta R.T. 0.01 min

Lab File: VY000369.D

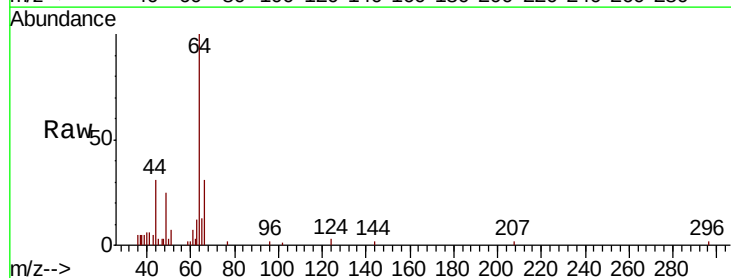
Acq: 22 Oct 2019 17:16

Tgt Ion: 64 Resp: 8447

Ion Ratio Lower Upper

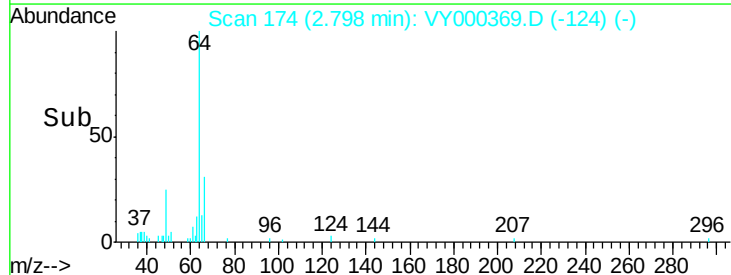
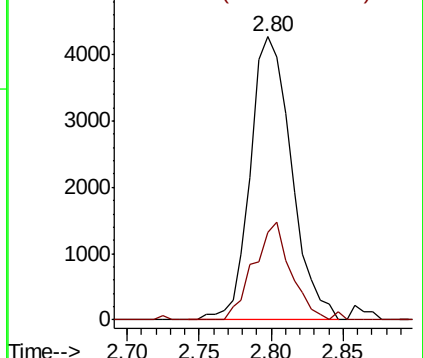
64 100

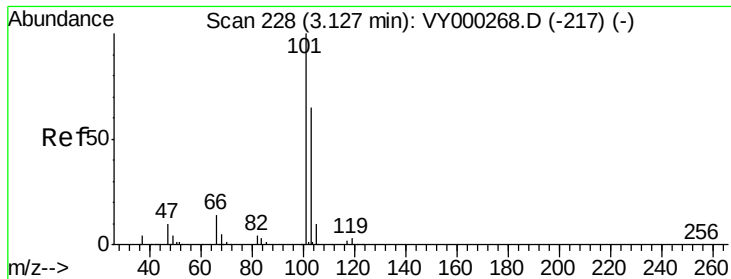
66 31.1 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

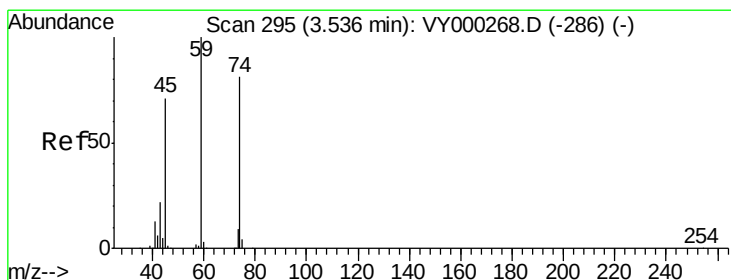
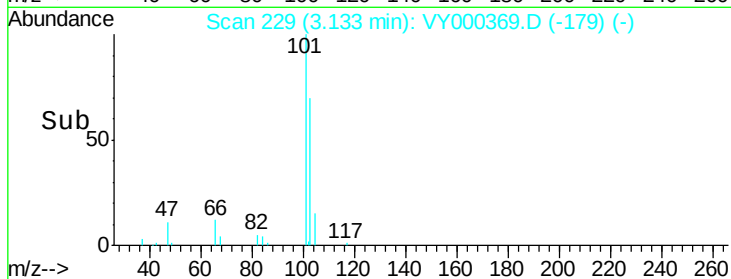
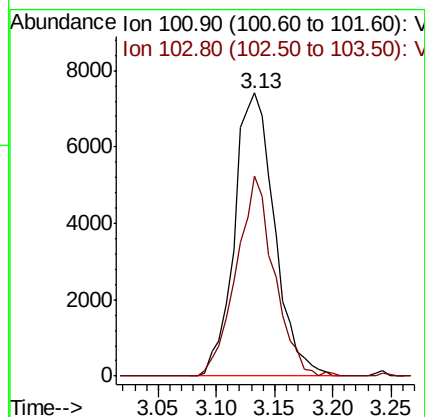
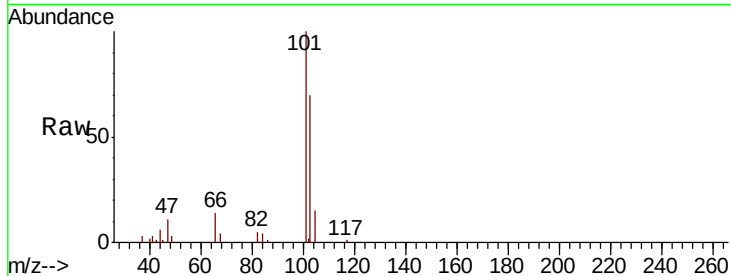
Trichlorofluoromethane
Concen: 48.511 ug/l
RT: 3.13 min Scan# 229
Delta R.T. 0.01 min
Lab File: VY000369.D
Acq: 22 Oct 2019 17:16

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Tot Ion	Ratio	Lower	Upper
101	100		
103	70.5	52.2	78.4

Manual Integrations
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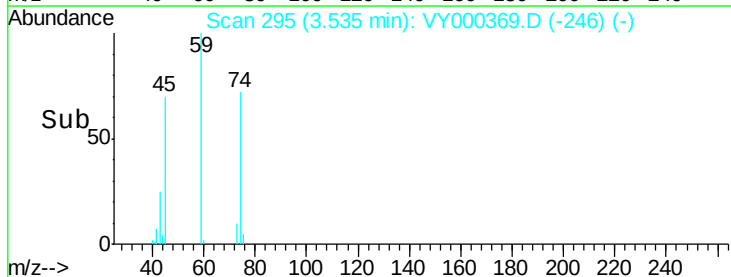
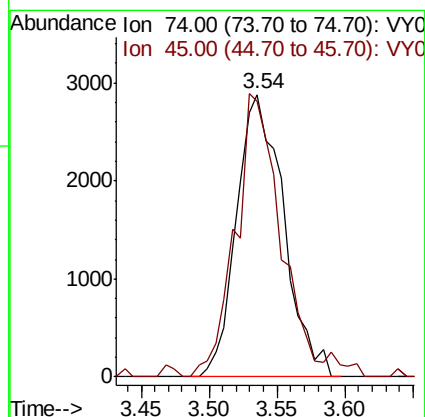
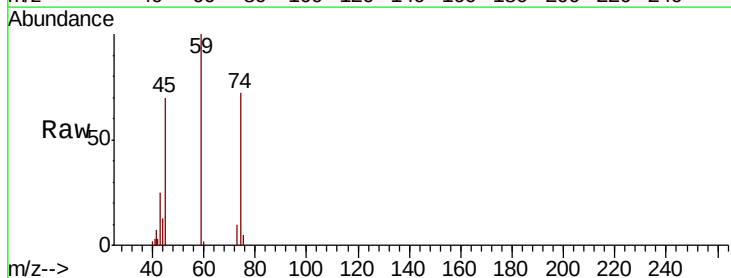
MMDadoda
10/24/2019 4:34:14 PM

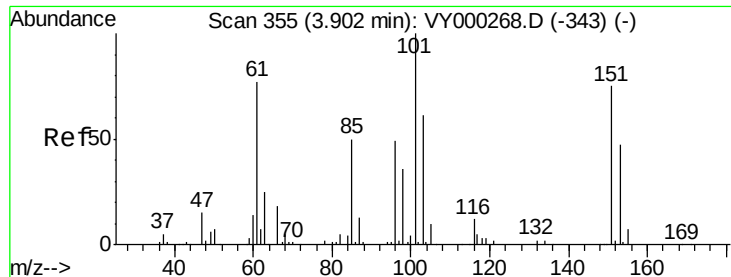


#8

Diethyl Ether
Concen: 53.854 ug/l
RT: 3.54 min Scan# 295
Delta R.T. -0.00 min
Lab File: VY000369.D
Acq: 22 Oct 2019 17:16

Tgt Ion	Ratio	Lower	Upper
74	100		
45	95.6	47.1	141.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.696 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.00 min

Lab File: VY000369.D

Acq: 22 Oct 2019 17:16

Instrument :

MSVOA_Y

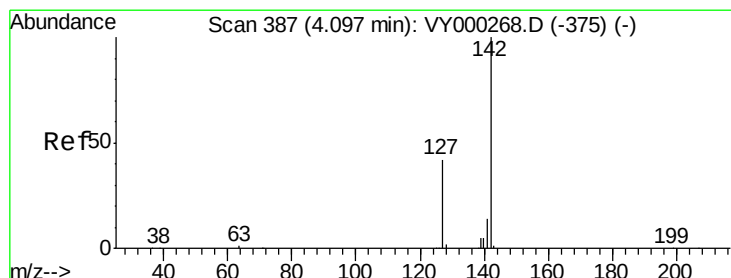
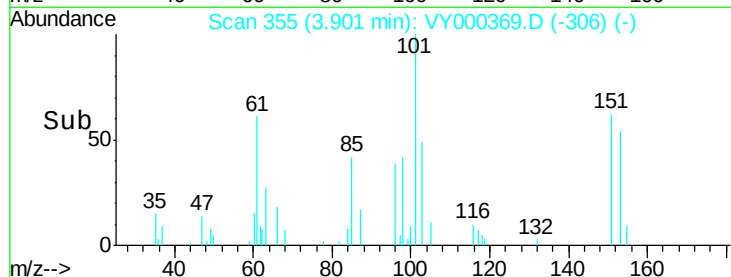
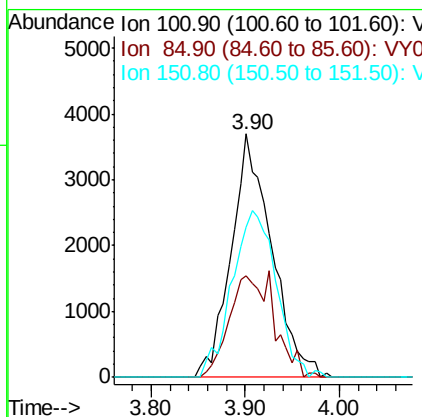
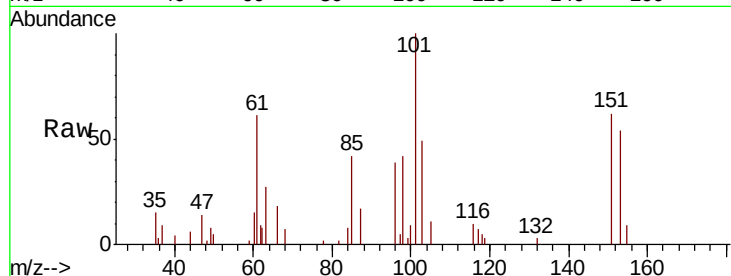
ClientSampleId :

TP1-2FTMS

Tot Ion:	101	Resp:	11035
Ion Ratio	Lower	Upper	
101	100		
85	0.0	36.6	55.0#
151	74.8	63.1	94.7

Manual Integrations
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#10

Methyl Iodide

Concen: 37.927 ug/l

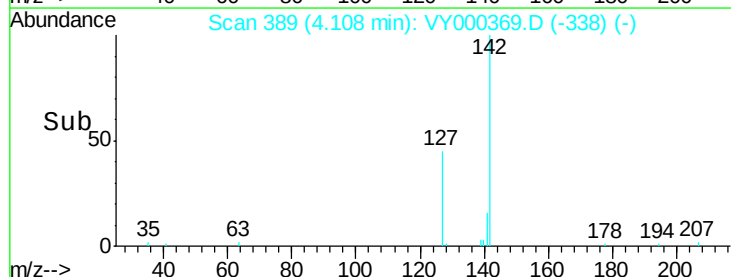
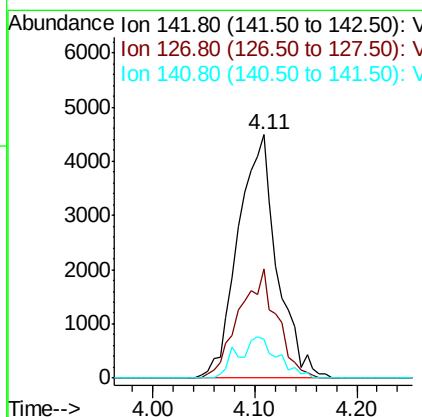
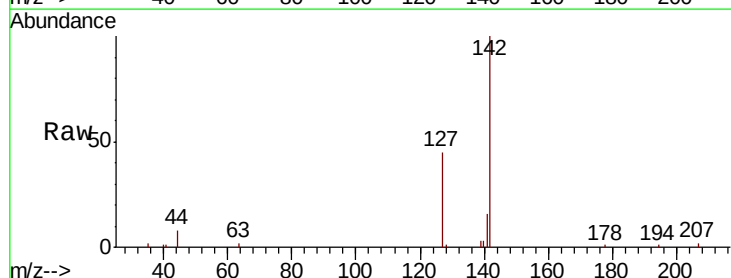
RT: 4.11 min Scan# 389

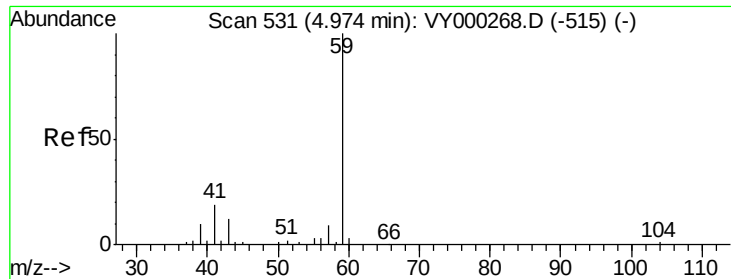
Delta R.T. 0.01 min

Lab File: VY000369.D

Acq: 22 Oct 2019 17:16

Tgt Ion:	142	Resp:	11903
Ion Ratio	Lower	Upper	
142	100		
127	43.8	33.9	50.9
141	17.1	11.2	16.8#





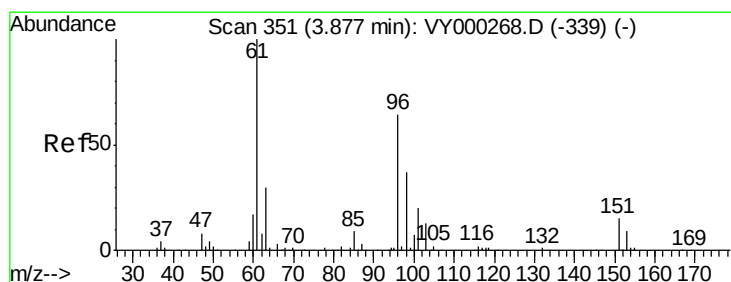
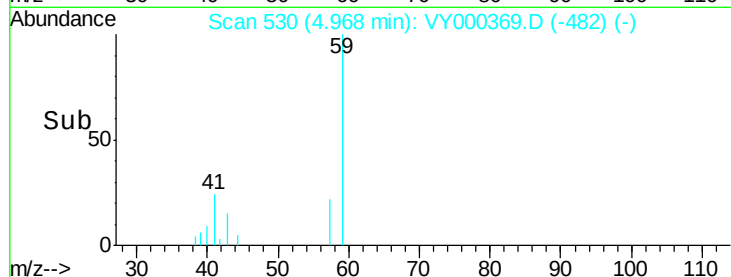
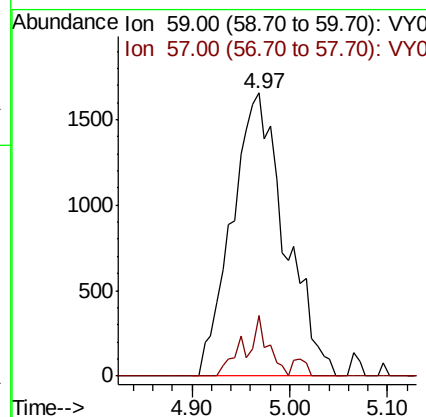
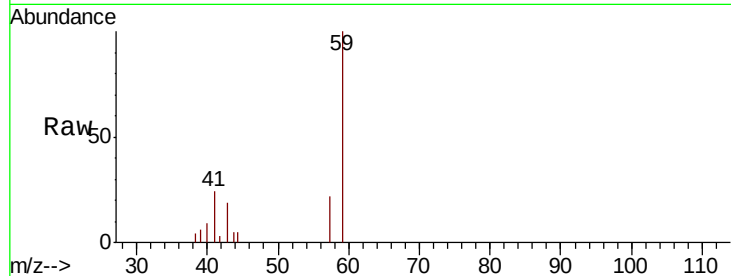
#11
Tert butyl alcohol
Concen: 261.767 ug/l
RT: 4.97 min Scan# 530
Delta R.T. -0.01 min
Lab File: VY000369.D
Acq: 22 Oct 2019 17:16

Instrument :
MSVOA_Y
ClientSampleId :
TP1-2FTMS

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.5	8.2	12.2

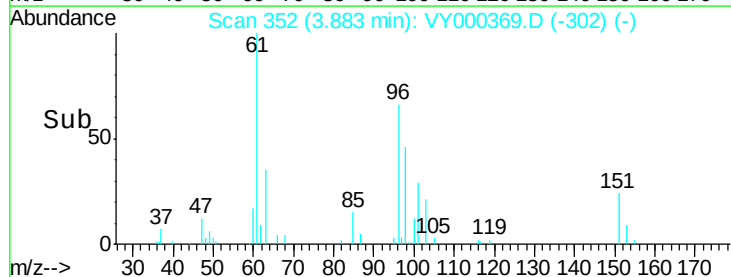
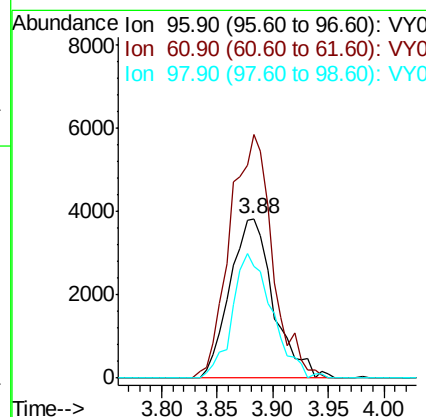
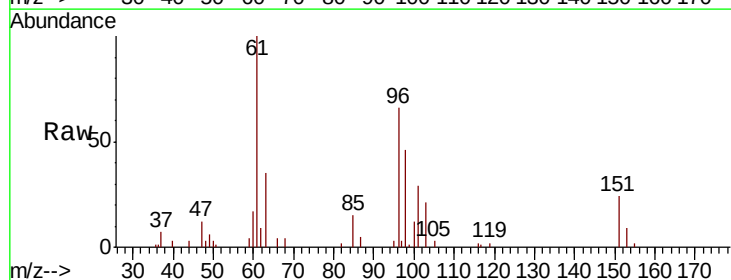
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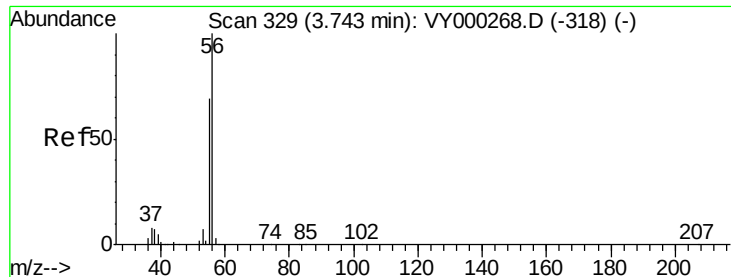
MMDadoda
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#12
1,1-Dichloroethene
Concen: 47.415 ug/l
RT: 3.88 min Scan# 352
Delta R.T. 0.01 min
Lab File: VY000369.D
Acq: 22 Oct 2019 17:16

Tgt Ion	Ratio	Lower	Upper
96	100		
61	152.6	125.8	188.6
98	70.4	46.2	69.2#





#13

Acrolein

Concen: 134.706 ug/l

RT: 3.73 min Scan# 327

Delta R.T. -0.01 min

Lab File: VY000369.D

Acq: 22 Oct 2019 17:16

Instrument :

MSVOA_Y

ClientSampleId :

TP1-2FTMS

Tot Ion: 56 Resp: 3784

Ion Ratio Lower Upper

56 100

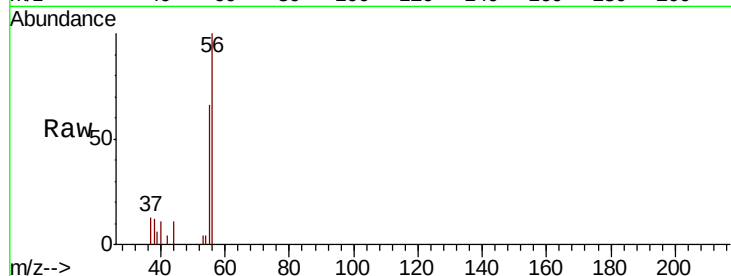
55 76.1 55.7 83.5

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Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

3.73

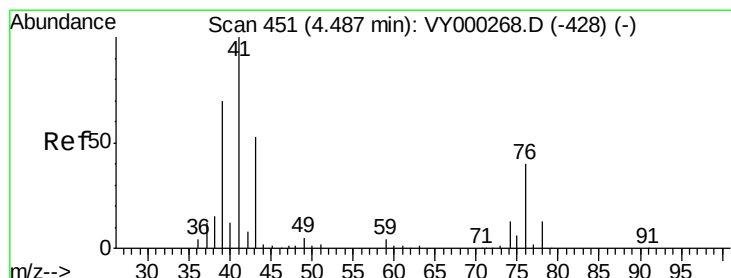
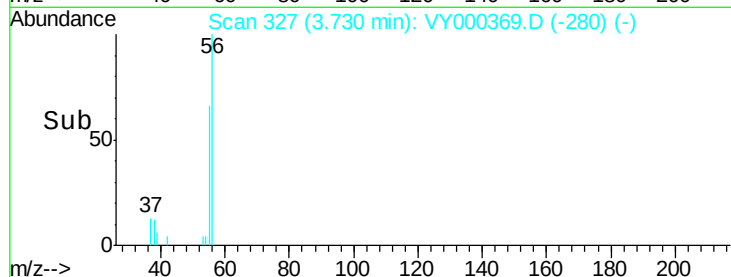
1500

1000

500

0

Time--> 3.65 3.70 3.75 3.80



#14

Allyl chloride

Concen: 48.214 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.00 min

Lab File: VY000369.D

Acq: 22 Oct 2019 17:16

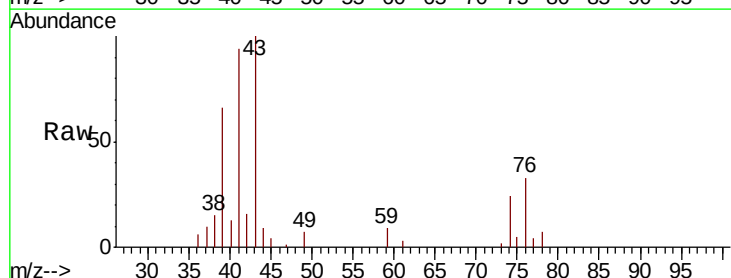
Tgt Ion: 41 Resp: 17515

Ion Ratio Lower Upper

41 100

39 68.0 54.0 81.0

76 35.8 30.7 46.1



Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0

4.49

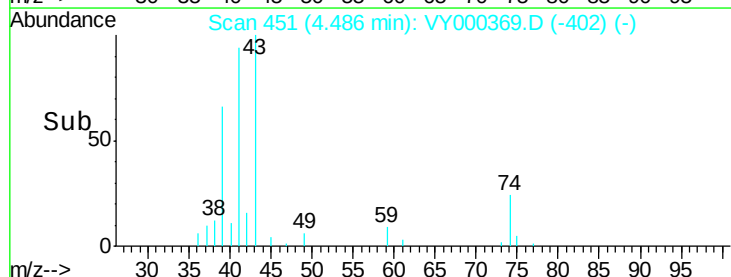
6000

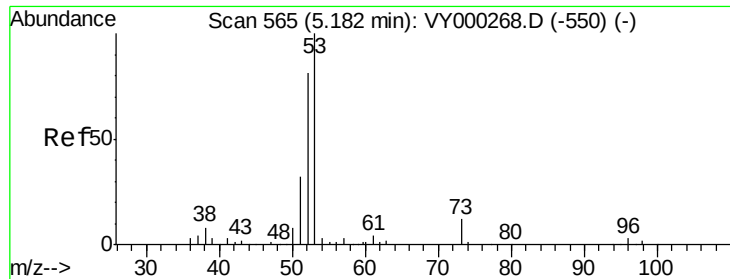
4000

2000

0

Time--> 4.30 4.40 4.50 4.60





#15

Acrylonitrile

Concen: 260.902 ug/l

RT: 5.19 min Scan# 566

Delta R.T. 0.01 min

Lab File: VY000369.D

Acq: 22 Oct 2019 17:16

Instrument :

MSVOA_Y

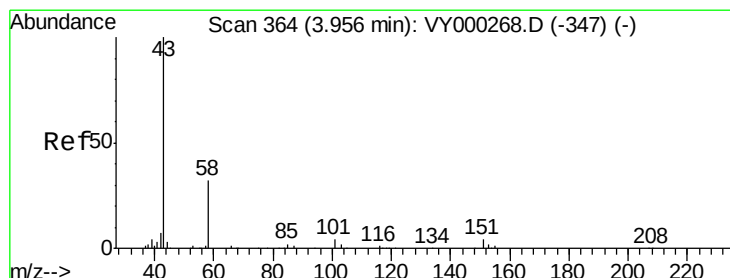
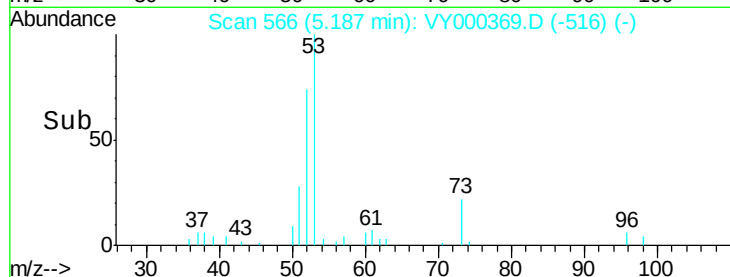
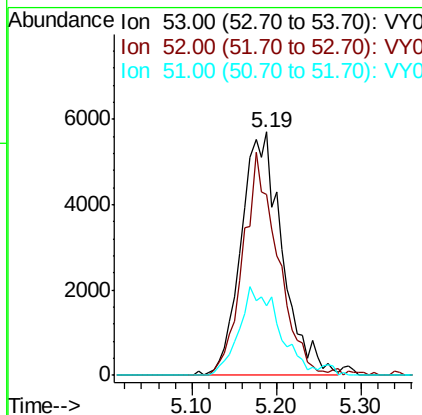
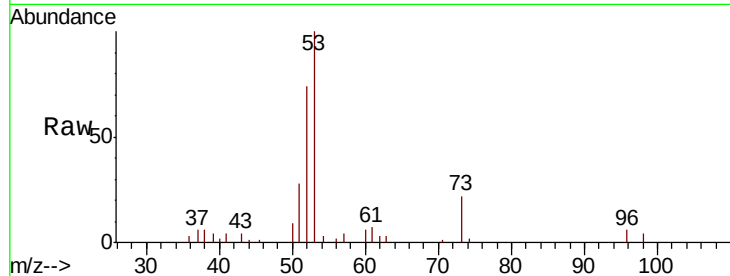
ClientSampleId :

TP1-2FTMS

Tot Ion:	53	Resp:	18889
Ion	Ratio	Lower	Upper
53	100		
52	77.5	62.9	94.3
51	35.4	26.9	40.3

Manual Integrations
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#16

Acetone

Concen: 281.637 ug/l

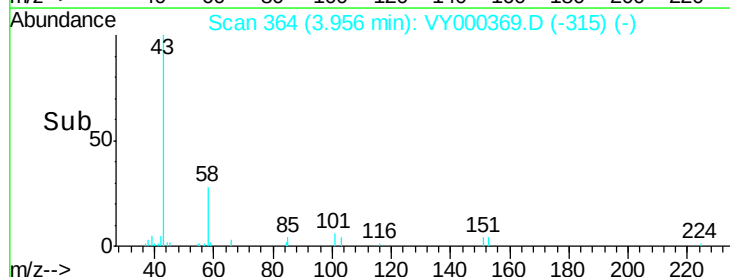
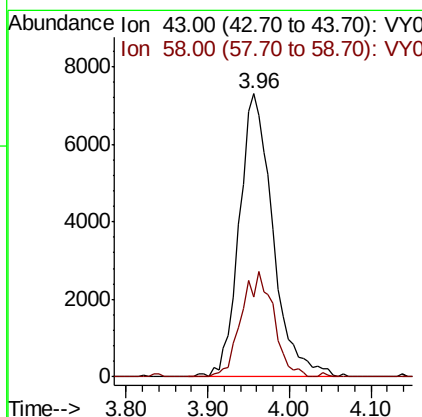
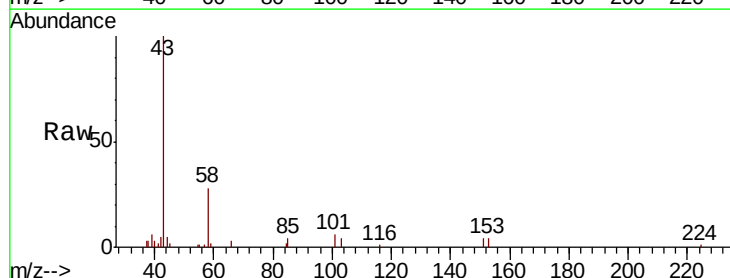
RT: 3.96 min Scan# 364

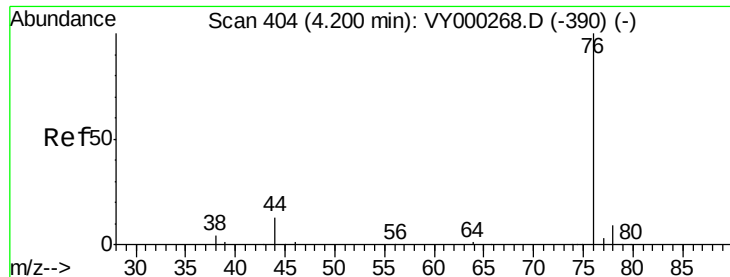
Delta R.T. -0.00 min

Lab File: VY000369.D

Acq: 22 Oct 2019 17:16

Tgt Ion:	43	Resp:	20882
Ion	Ratio	Lower	Upper
43	100		
58	28.4	25.8	38.6





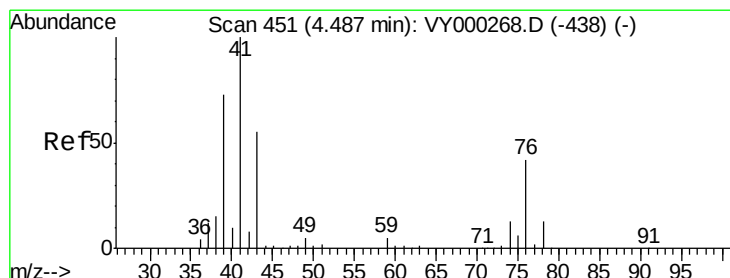
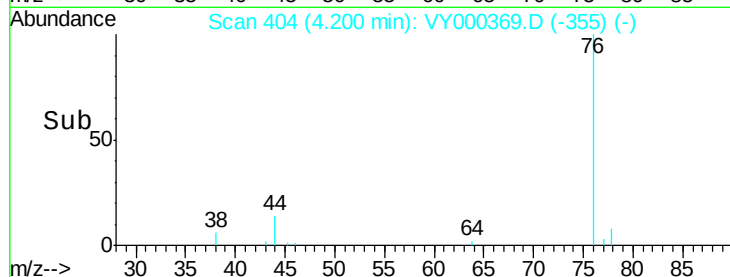
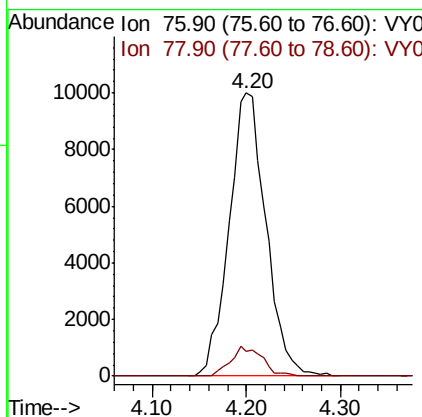
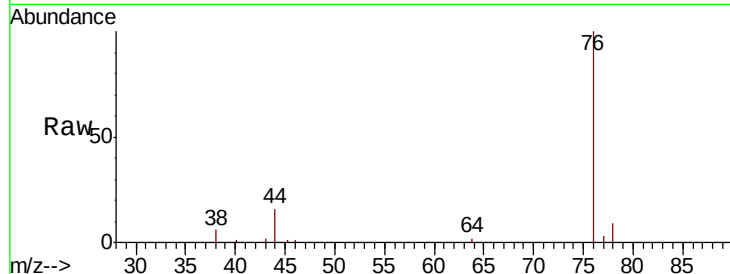
#17
Carbon Disulfide
Concen: 39.351 ug/l
RT: 4.20 min Scan# 404
Delta R.T. -0.00 min
Lab File: VY000369.D
Acq: 22 Oct 2019 17:16

Instrument :
MSVOA_Y
ClientSampleId :
TP1-2FTMS

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.6	7.0	10.4

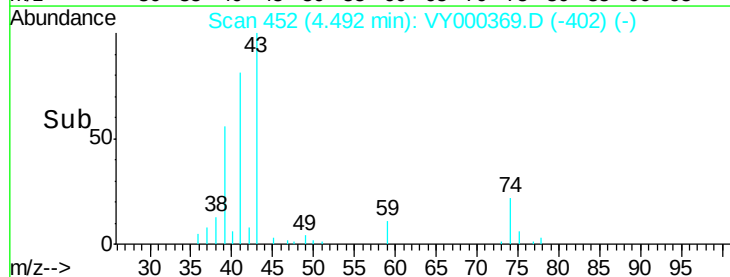
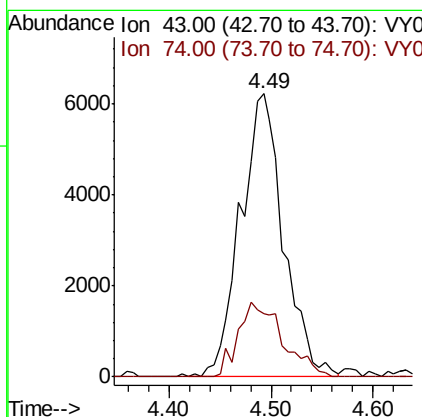
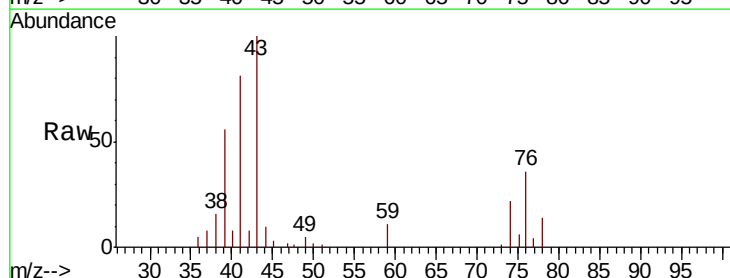
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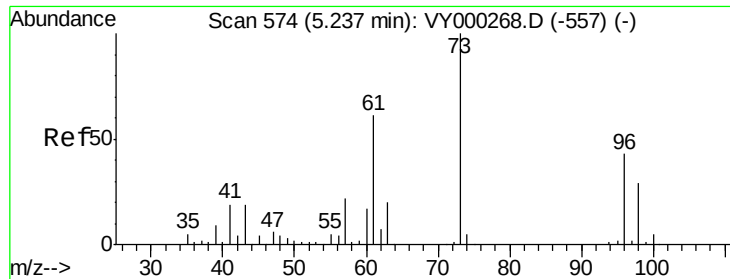
MMDadoda
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#18
Methyl Acetate
Concen: 98.686 ug/l
RT: 4.49 min Scan# 452
Delta R.T. 0.01 min
Lab File: VY000369.D
Acq: 22 Oct 2019 17:16

Tgt Ion	Ratio	Lower	Upper
43	100		
74	27.6	20.4	30.6





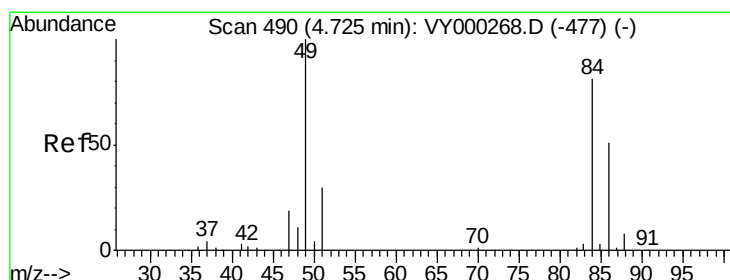
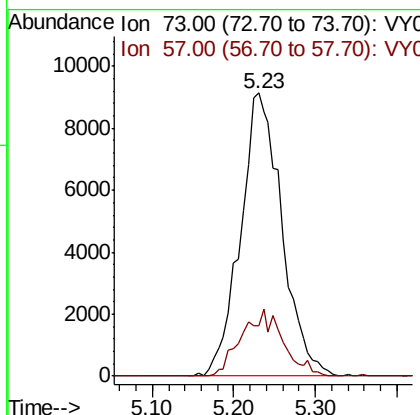
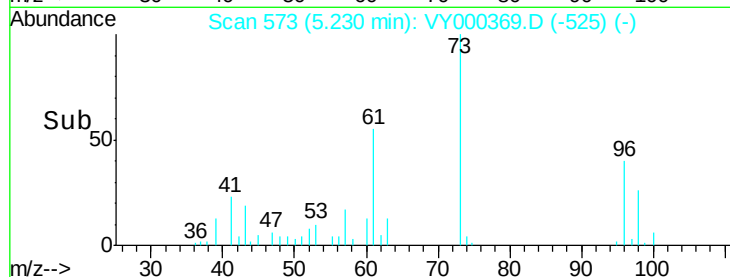
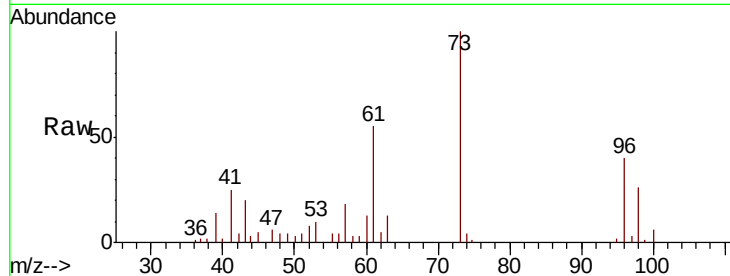
#19
Methyl tert-butyl Ether
Concen: 52.754 ug/l
RT: 5.23 min Scan# 573
Delta R.T. -0.01 min
Lab File: VY000369.D
Acq: 22 Oct 2019 17:16

Instrument :
MSVOA_Y
ClientSampleId :
TP1-2FTMS

Tot Ion: 73 Resp: 32193
Ion Ratio Lower Upper
73 100
57 17.6 17.4 26.0

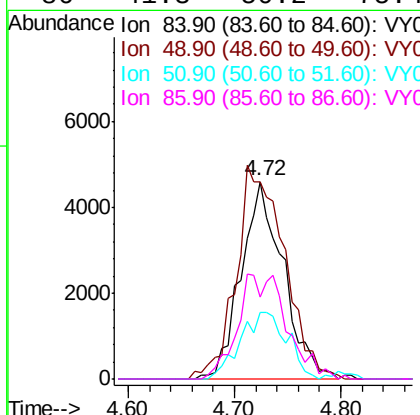
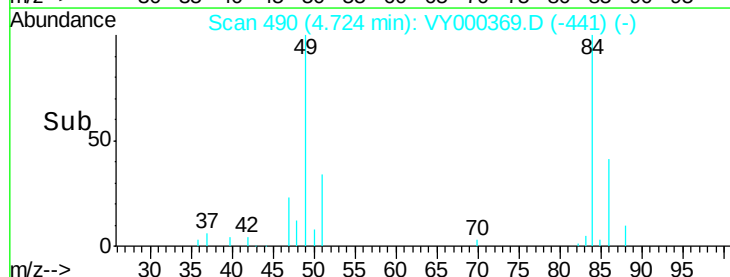
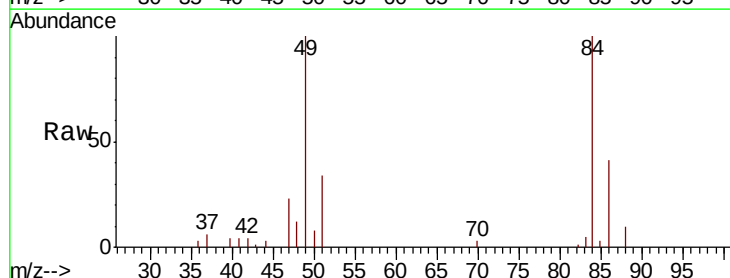
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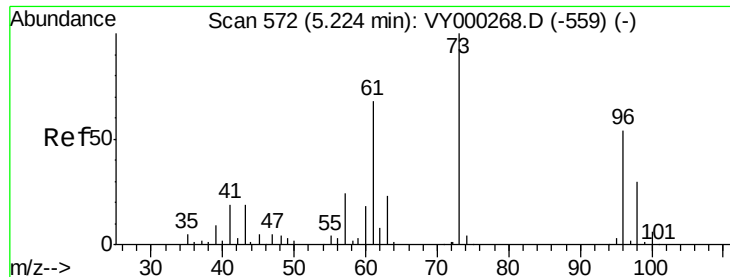
MMDadoda
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#20
Methylene Chloride
Concen: 51.155 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY000369.D
Acq: 22 Oct 2019 17:16

Tgt Ion: 84 Resp: 12748
Ion Ratio Lower Upper
84 100
49 100.0 99.0 148.4
51 33.9 29.3 43.9
86 41.3 50.2 75.4#





#21

trans-1,2-Dichloroethene

Concen: 46.389 ug/l

RT: 5.24 min Scan# 574

Delta R.T. 0.01 min

Lab File: VY000369.D

Acq: 22 Oct 2019 17:16

Instrument :

MSVOA_Y

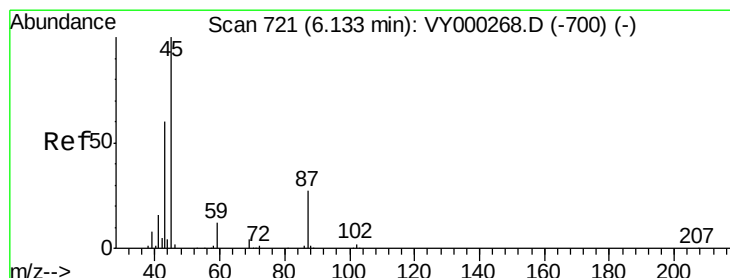
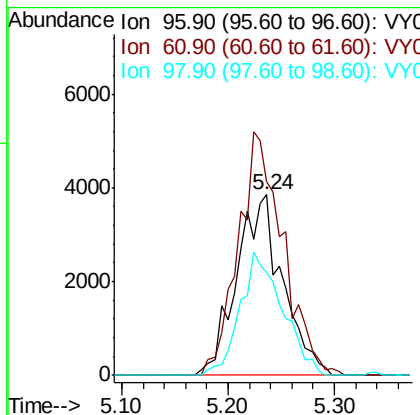
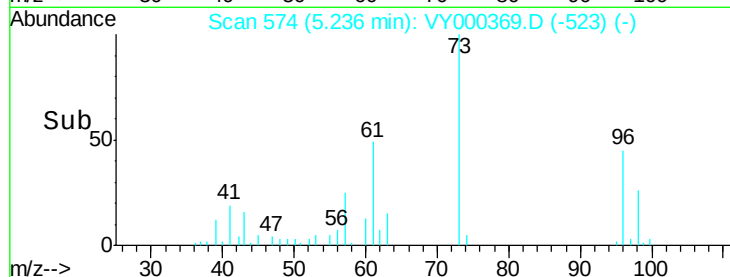
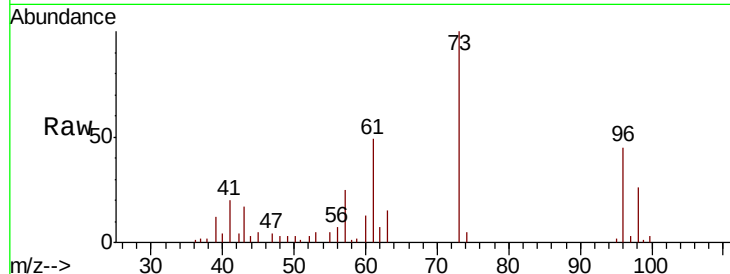
ClientSampleId :

TP1-2FTMS

Tot Ion:	96	Resp:	11667
Ion	Ratio	Lower	Upper
96	100		
61	107.4	100.4	150.6
98	56.5	44.6	66.8

Manual Integrations
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#22

Diisopropyl ether

Concen: 47.774 ug/l

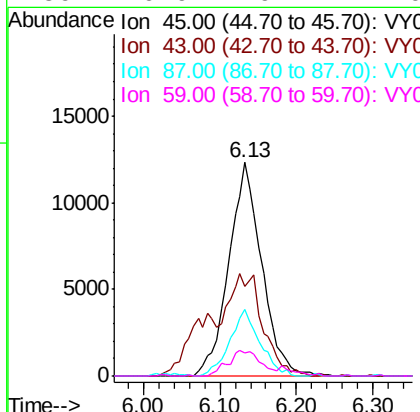
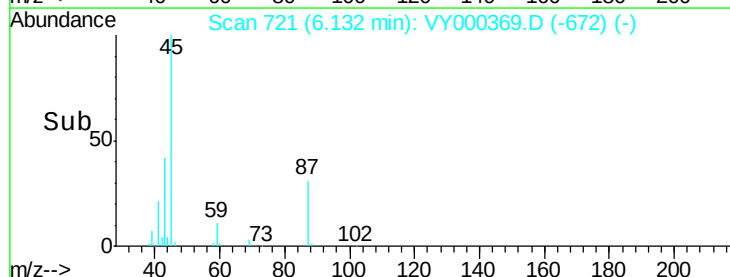
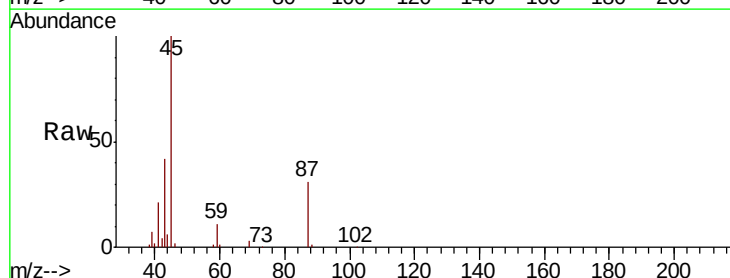
RT: 6.13 min Scan# 721

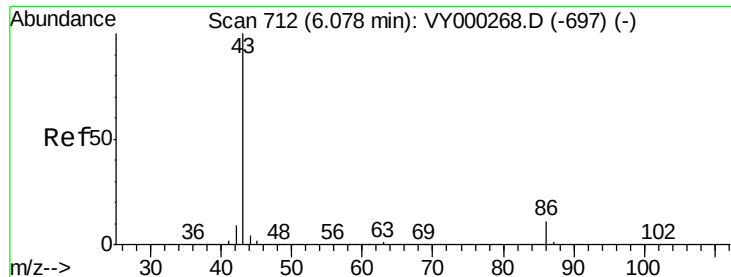
Delta R.T. -0.00 min

Lab File: VY000369.D

Acq: 22 Oct 2019 17:16

Tgt Ion:	45	Resp:	36707
Ion	Ratio	Lower	Upper
45	100		
43	42.2	48.5	72.7#
87	31.1	21.5	32.3
59	10.9	9.4	14.0





#23

Vinyl Acetate

Concen: 18.258 ug/l

RT: 6.08 min Scan# 713

Delta R.T. 0.01 min

Lab File: VY000369.D

Acq: 22 Oct 2019 17:16

Instrument :

MSVOA_Y

ClientSampleId :

TP1-2FTMS

Tot Ion: 43 Resp: 9152

Ion Ratio Lower Upper

43 100

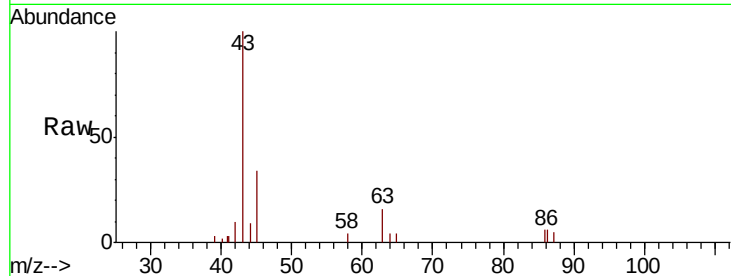
86 10.7 8.6 13.0

Manual Integrations

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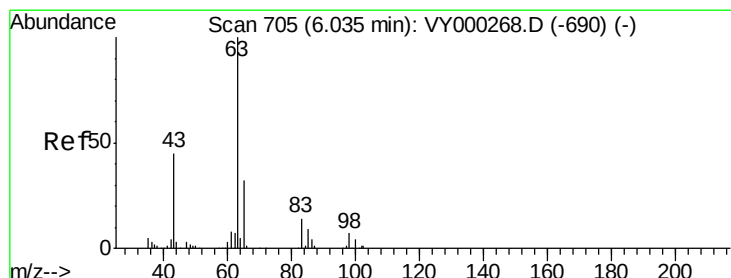
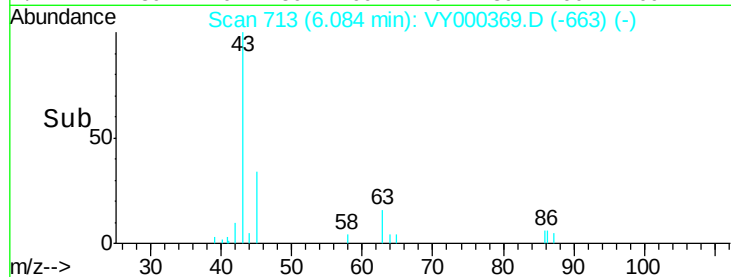
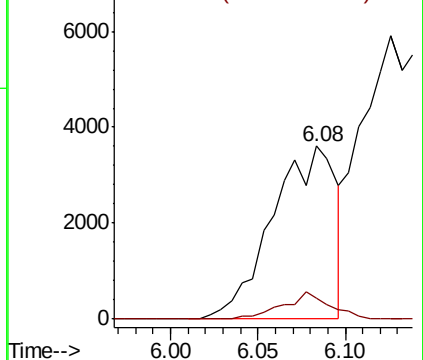
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 52.300 ug/l

RT: 6.02 min Scan# 703

Delta R.T. -0.01 min

Lab File: VY000369.D

Acq: 22 Oct 2019 17:16

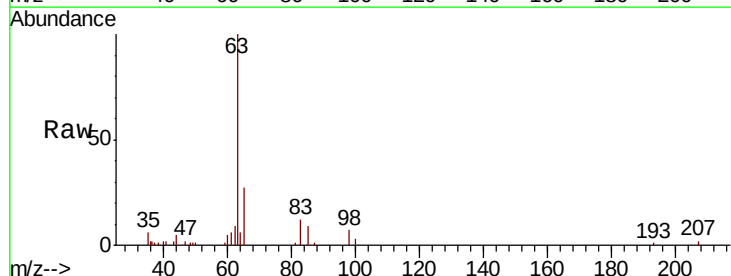
Tgt Ion: 63 Resp: 21934

Ion Ratio Lower Upper

63 100

98 6.7 3.5 10.4

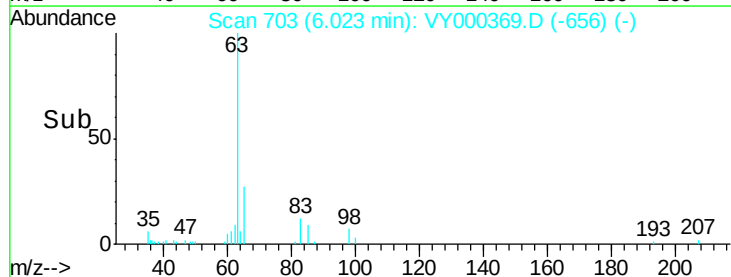
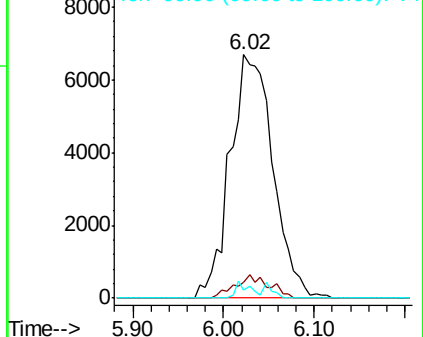
100 3.2 2.1 6.2

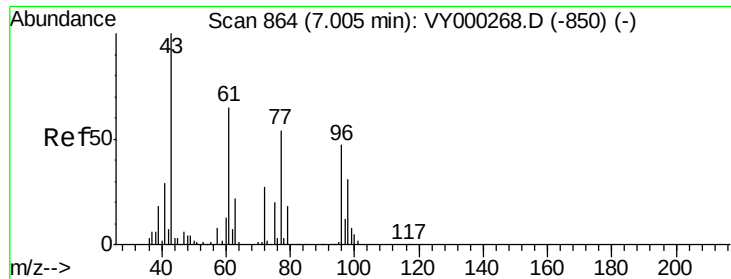


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 244.019 ug/l

RT: 7.00 min Scan# 864

Delta R.T. -0.00 min

Lab File: VY000369.D

Acq: 22 Oct 2019 17:16

Instrument :

MSVOA_Y

ClientSampleId :

TP1-2FTMS

Tot Ion: 43 Resp: 25487

Ion Ratio Lower Upper

43 100

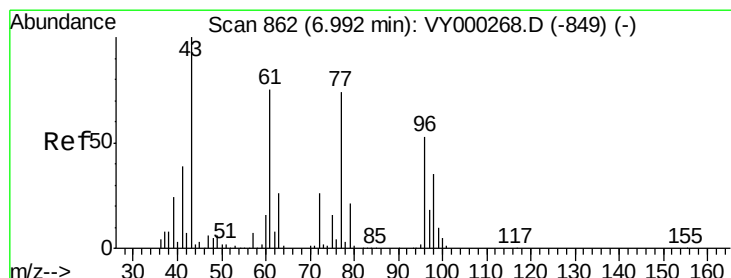
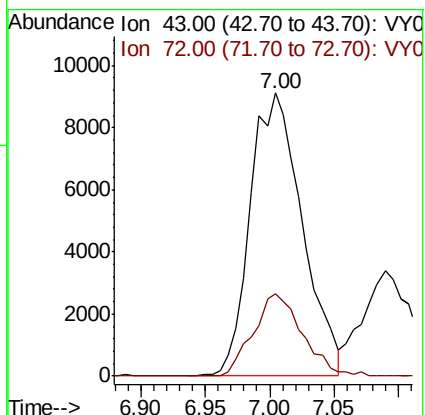
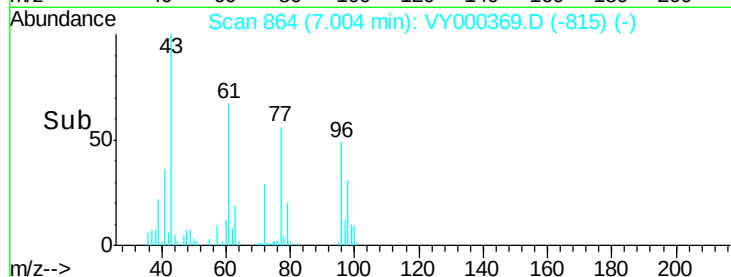
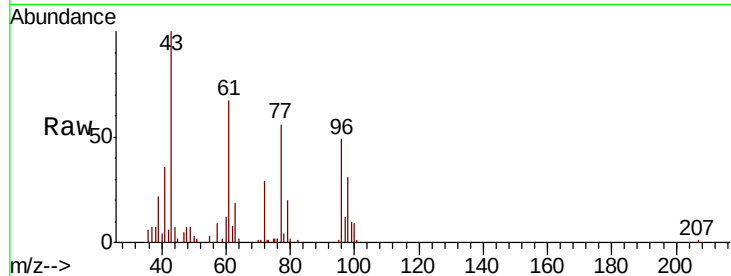
72 28.9 21.4 32.2

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 46.257 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.00 min

Lab File: VY000369.D

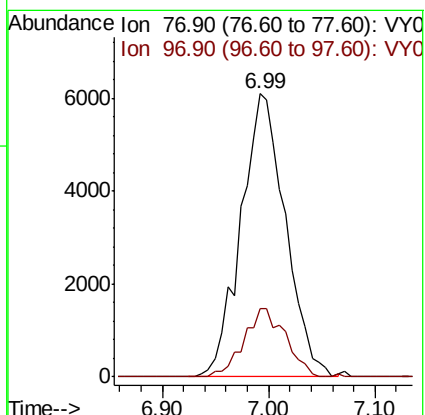
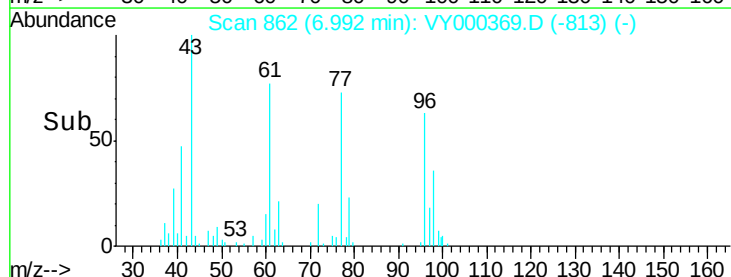
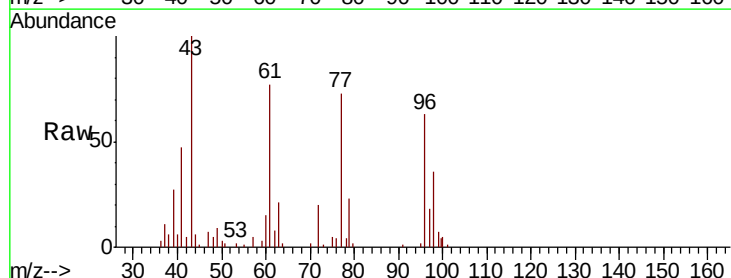
Acq: 22 Oct 2019 17:16

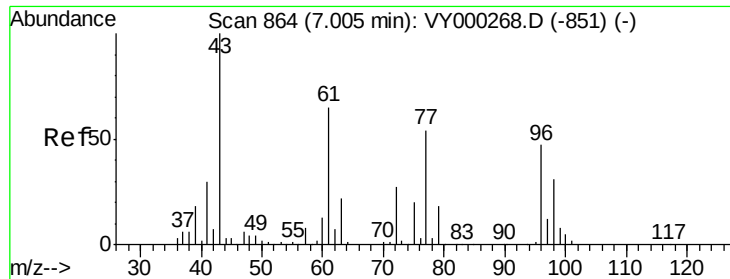
Tgt Ion: 77 Resp: 17876

Ion Ratio Lower Upper

77 100

97 22.4 11.6 34.7





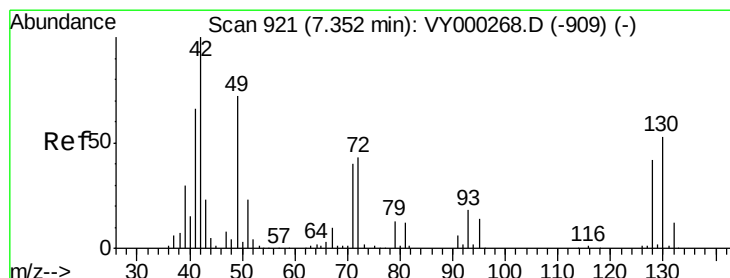
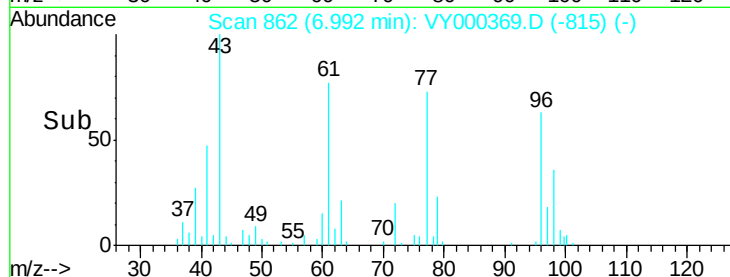
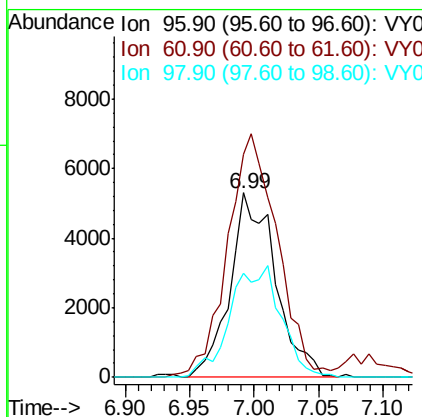
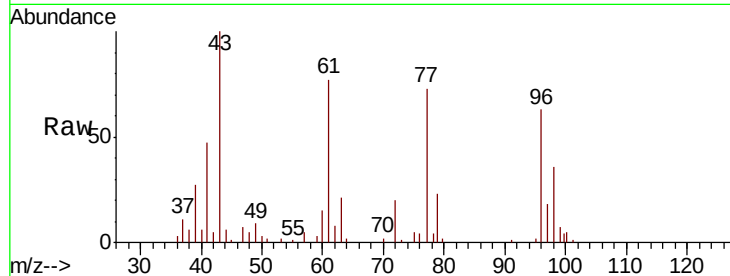
#27
 cis-1,2-Dichloroethene
 Concen: 47.768 ug/l
 RT: 6.99 min Scan# 862
 Delta R.T. -0.01 min
 Lab File: VY000369.D
 Acq: 22 Oct 2019 17:16

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP1-2FTMS

Tot Ion	Ratio	Lower	Upper
96	100		
61	145.2	0.0	289.8
98	67.6	0.0	131.8

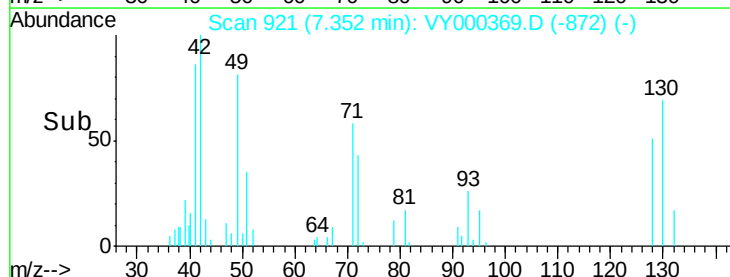
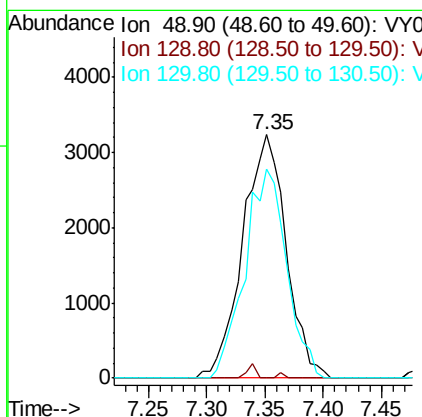
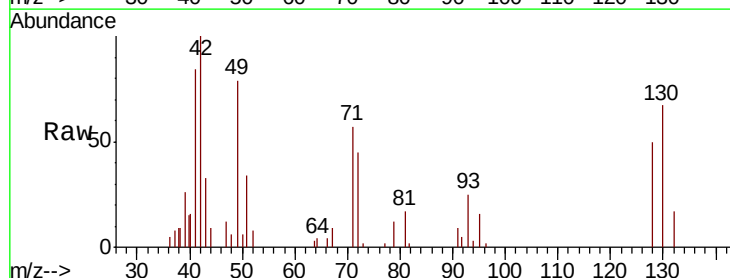
Manual Integrations
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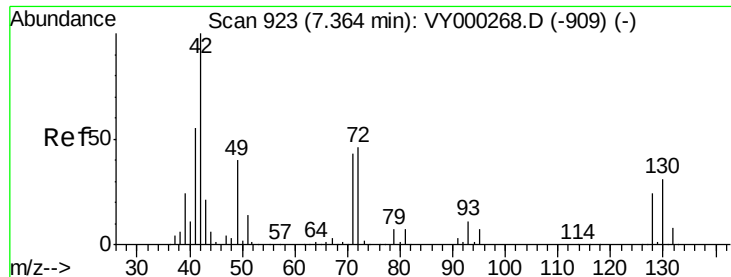
MMDadoda
 10/24/2019 4:34:14 PM



#28
 Bromochloromethane
 Concen: 46.673 ug/l
 RT: 7.35 min Scan# 921
 Delta R.T. -0.00 min
 Lab File: VY000369.D
 Acq: 22 Oct 2019 17:16

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.4	0.0	4.0
130	82.5	58.2	87.2





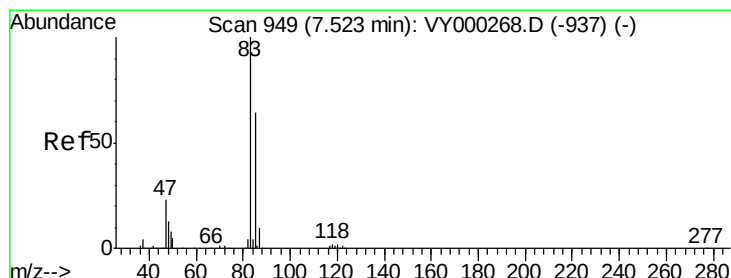
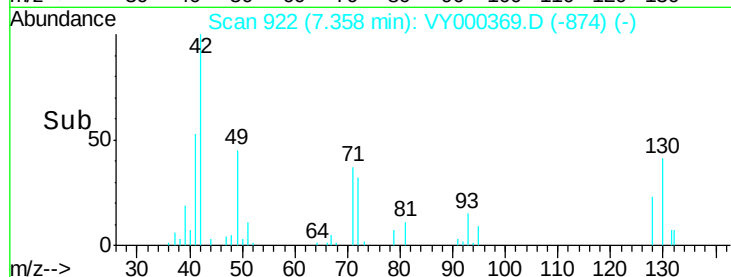
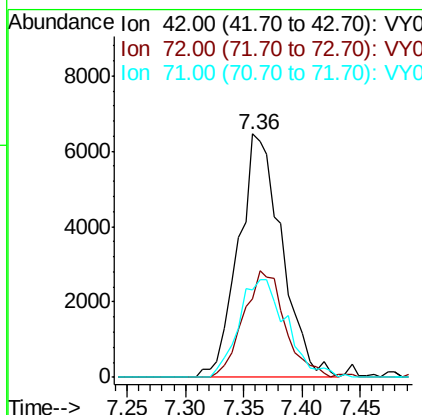
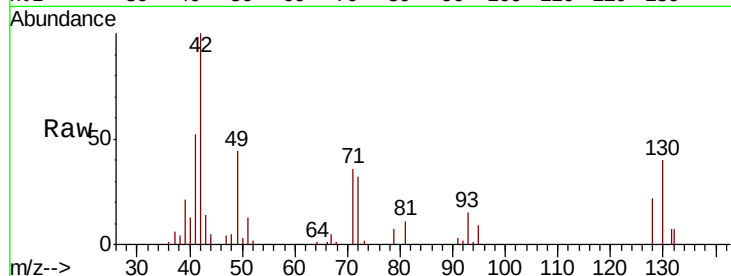
#29
Tetrahydrofuran
Concen: 264.508 ug/l
RT: 7.36 min Scan# 922
Delta R.T. -0.01 min
Lab File: VY000369.D
Acq: 22 Oct 2019 17:16

Instrument :
MSVOA_Y
ClientSampleId :
TP1-2FTMS

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.8	34.5	51.7
71	44.2	32.7	49.1

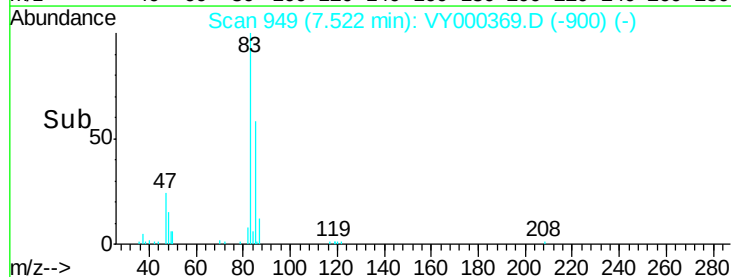
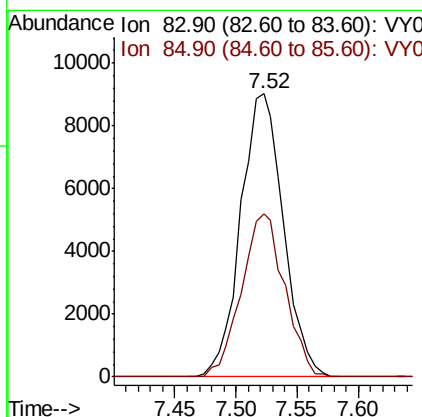
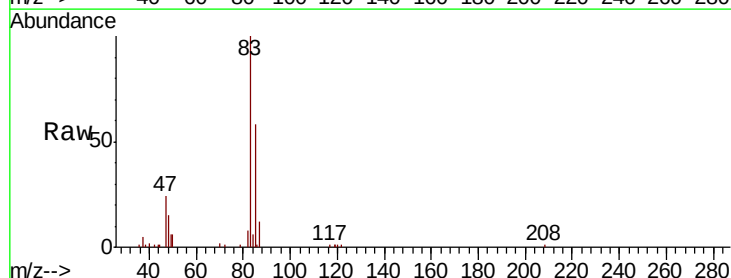
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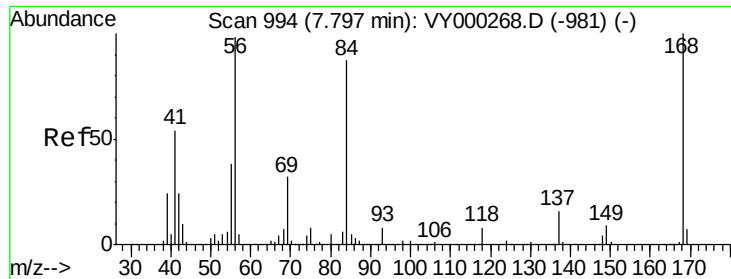
MMDadoda
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#30
Chloroform
Concen: 51.727 ug/l
RT: 7.52 min Scan# 949
Delta R.T. -0.00 min
Lab File: VY000369.D
Acq: 22 Oct 2019 17:16

Tgt Ion	Ratio	Lower	Upper
83	100		
85	57.8	51.4	77.2





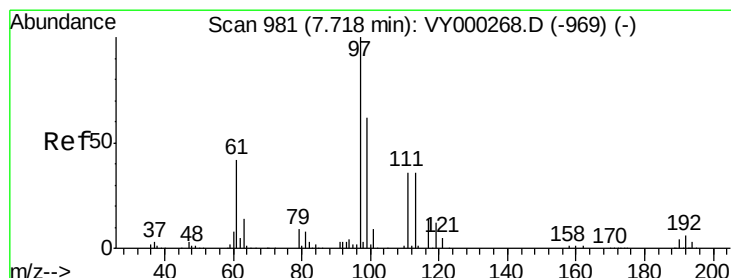
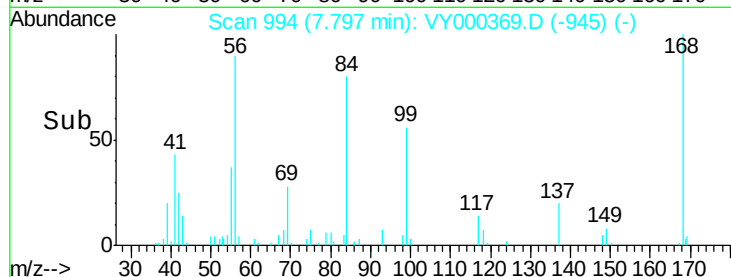
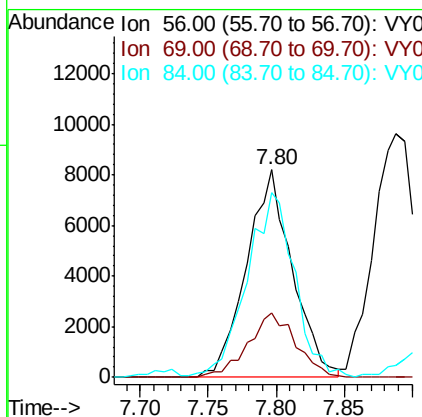
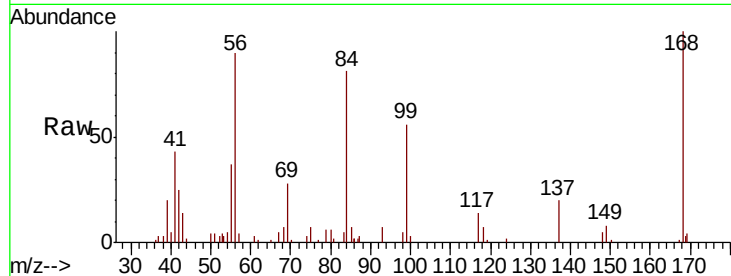
#31
Cyclohexane
Concen: 44.234 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.00 min
Lab File: VY000369.D
Acq: 22 Oct 2019 17:16

Instrument :
MSVOA_Y
ClientSampleId :
TP1-2FTMS

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.0	26.3	39.5
84	88.1	70.8	106.2

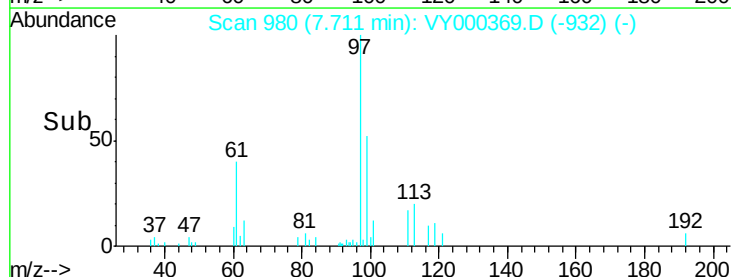
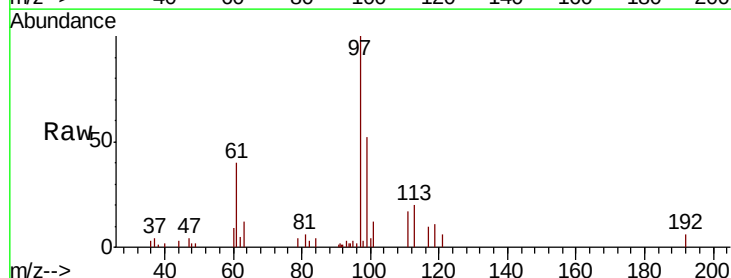
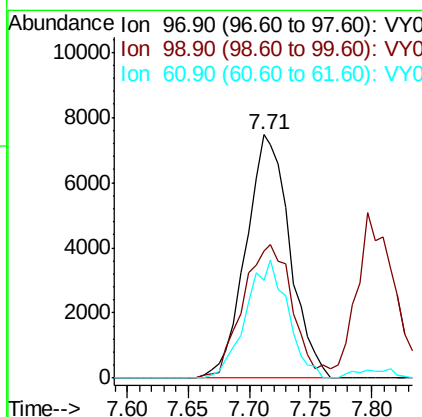
Manual Integrations
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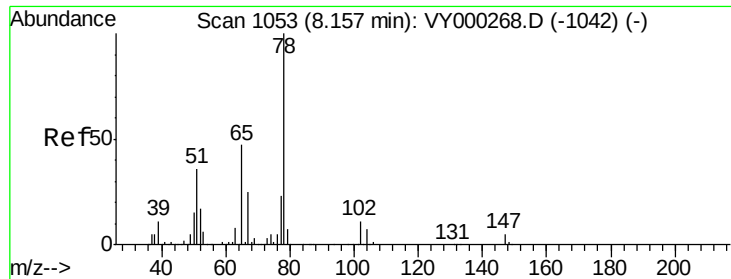
MMDadoda
10/24/2019 4:34:14 PM



#32
1,1,1-Trichloroethane
Concen: 49.663 ug/l
RT: 7.71 min Scan# 980
Delta R.T. -0.01 min
Lab File: VY000369.D
Acq: 22 Oct 2019 17:16

Tgt Ion	Ratio	Lower	Upper
97	100		
99	61.9	51.7	77.5
61	45.9	34.5	51.7





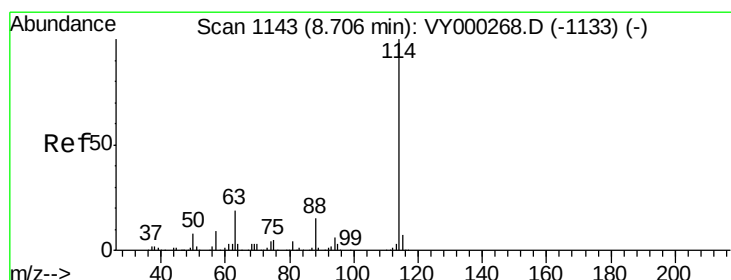
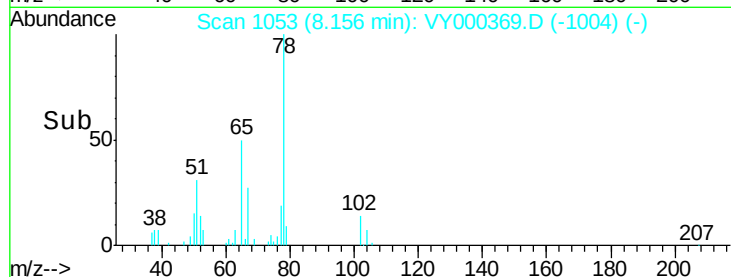
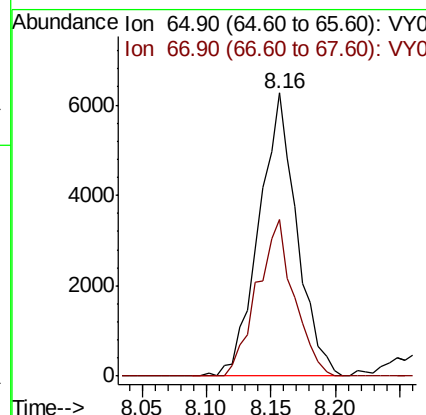
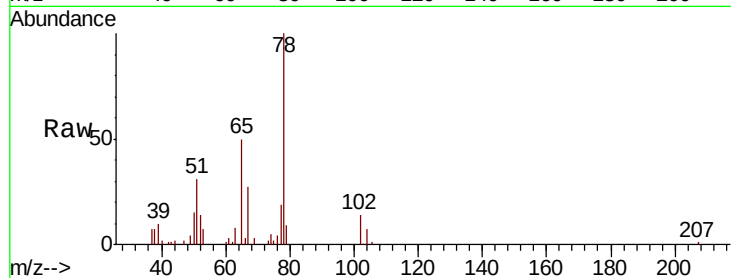
#33
 1,2-Dichloroethane-d4
 Concen: 55.671 ug/l
 RT: 8.16 min Scan# 1053
 Delta R.T. -0.00 min
 Lab File: VY000369.D
 Acq: 22 Oct 2019 17:16

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP1-2FTMS

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.7	0.0	109.4

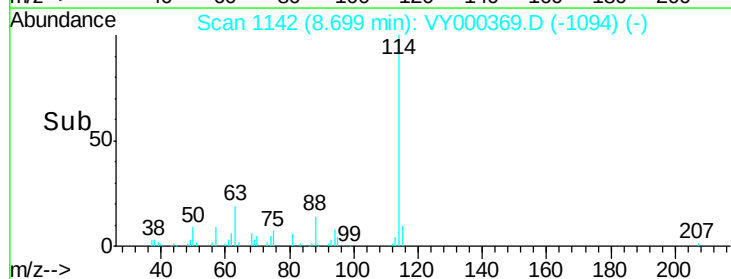
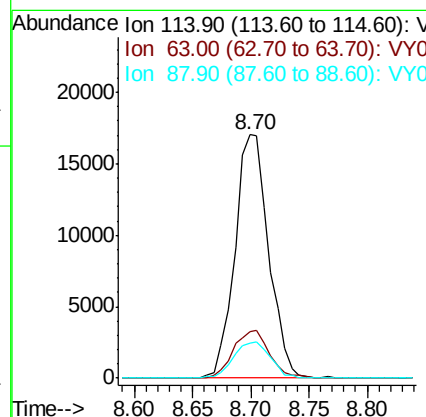
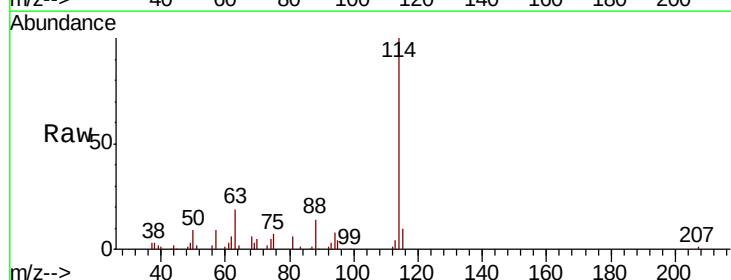
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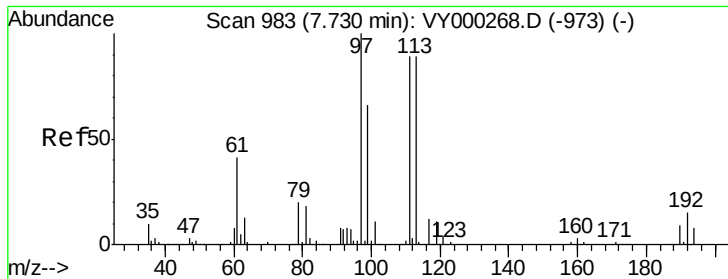
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: VY000369.D
 Acq: 22 Oct 2019 17:16

Tgt Ion	Ratio	Lower	Upper
114	100		
63	18.9	0.0	37.2
88	14.3	0.0	30.2





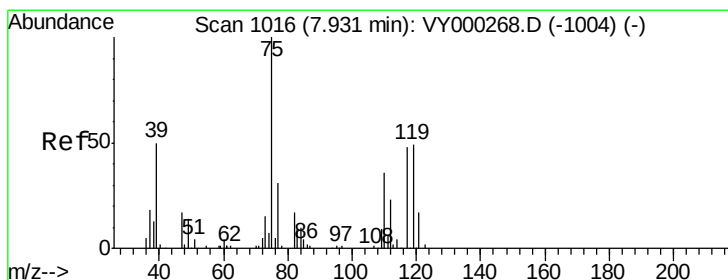
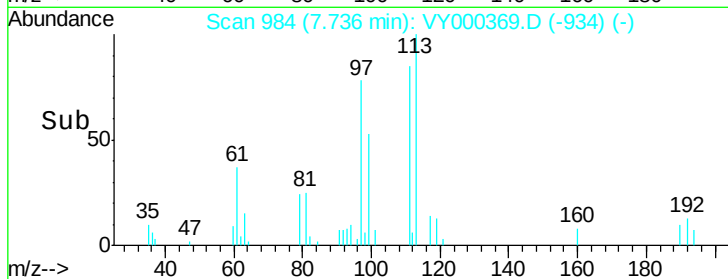
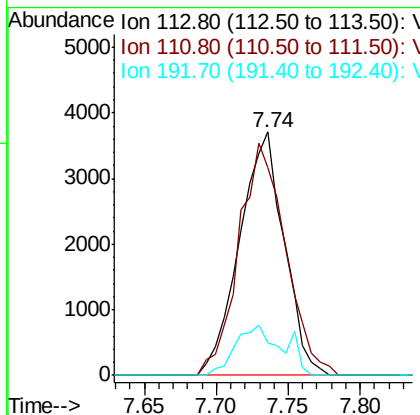
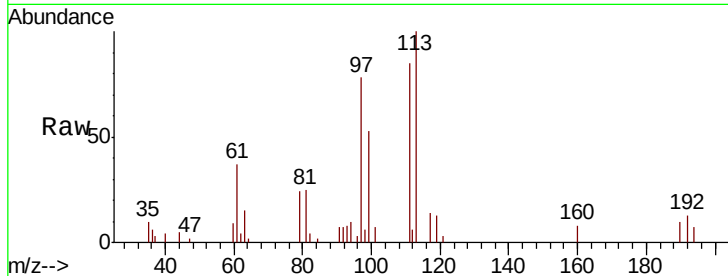
#35
 Dibromofluoromethane
 Concen: 38.522 ug/l
 RT: 7.74 min Scan# 984
 Delta R.T. 0.01 min
 Lab File: VY000369.D
 Acq: 22 Oct 2019 17:16

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP1-2FTMS

Tot Ion	Ratio	Lower	Upper
113	100		
111	100.0	81.6	122.4
192	21.9	15.3	22.9

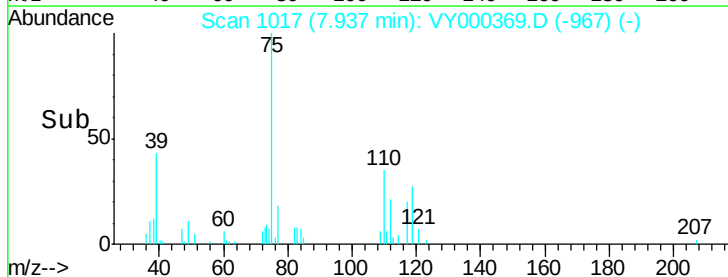
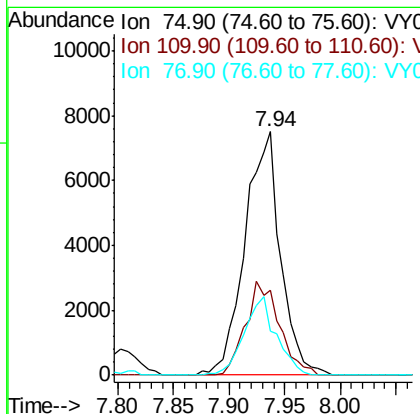
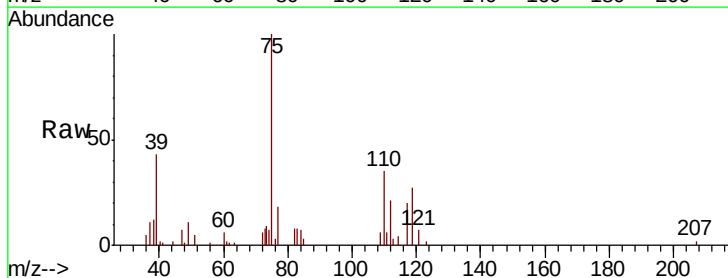
Manual Integrations
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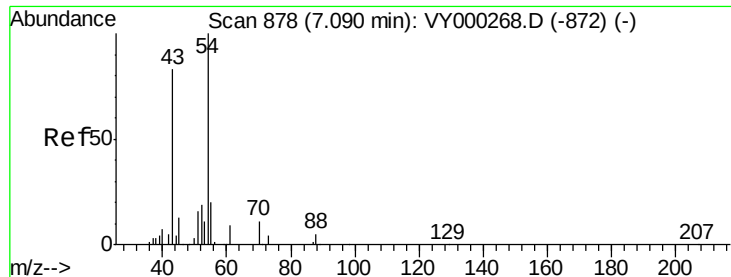
MMDadoda
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#36
 1,1-Dichloropropene
 Concen: 49.744 ug/l
 RT: 7.94 min Scan# 1017
 Delta R.T. 0.01 min
 Lab File: VY000369.D
 Acq: 22 Oct 2019 17:16

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.7	18.4	55.4
77	28.9	25.0	37.6





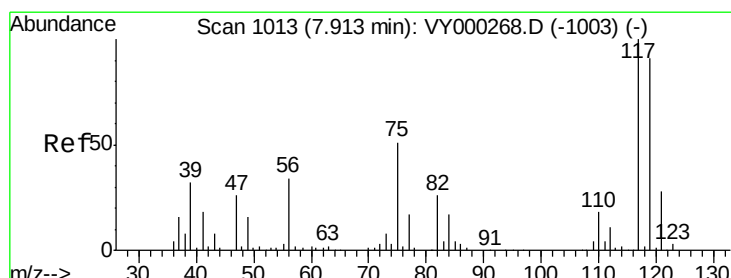
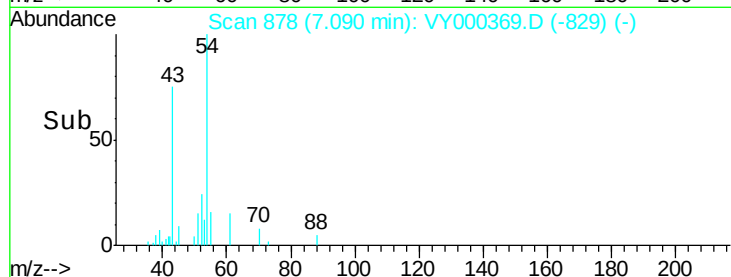
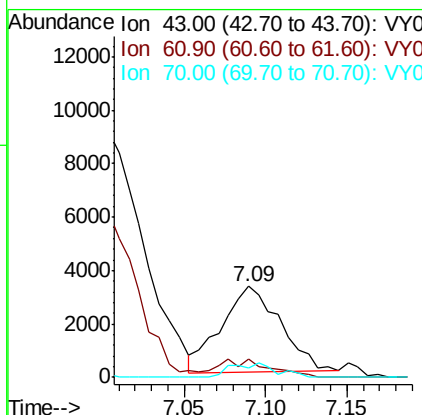
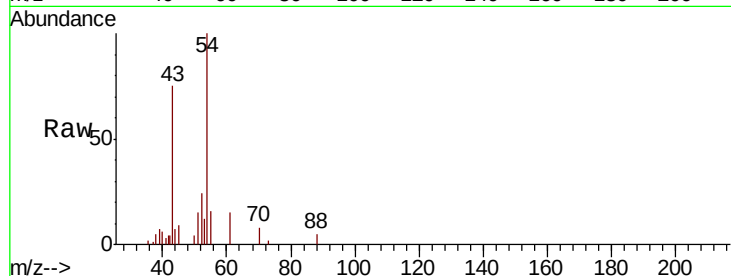
#37
Ethyl Acetate
Concen: 40.855 ug/l
RT: 7.09 min Scan# 878
Delta R.T. -0.00 min
Lab File: VY000369.D
Acq: 22 Oct 2019 17:16

Instrument :
MSVOA_Y
ClientSampleId :
TP1-2FTMS

Tot Ion	Ratio	Lower	Upper
43	100		
61	18.0	12.1	18.1
70	6.0	8.7	13.1

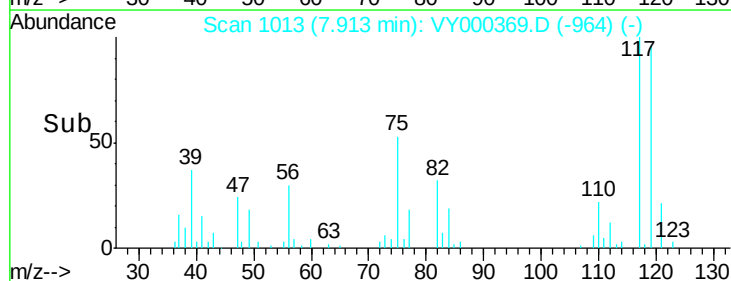
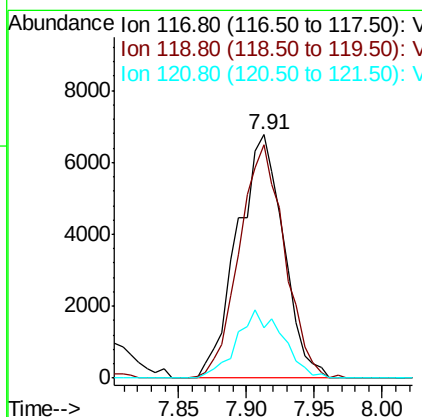
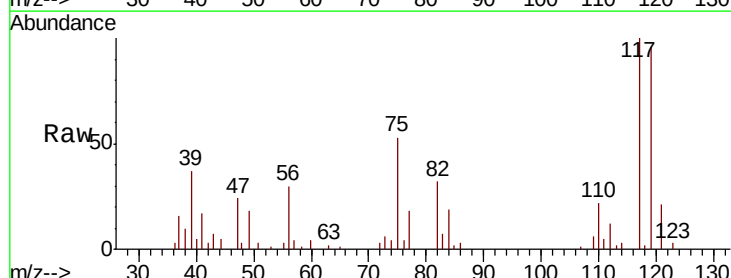
Manual Integrations
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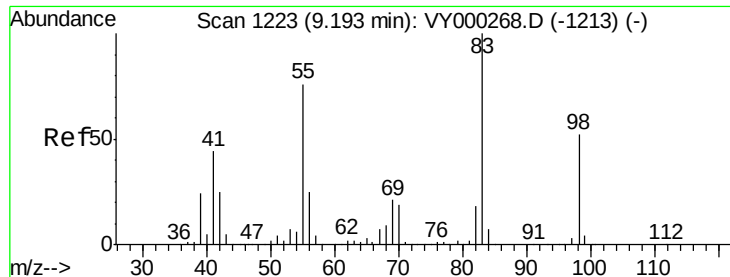
MMDadoda
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#38
Carbon Tetrachloride
Concen: 49.346 ug/l
RT: 7.91 min Scan# 1013
Delta R.T. -0.00 min
Lab File: VY000369.D
Acq: 22 Oct 2019 17:16

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.7	72.8	109.2
121	20.8	22.2	33.2





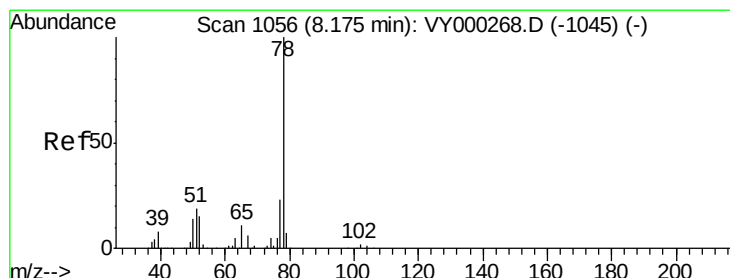
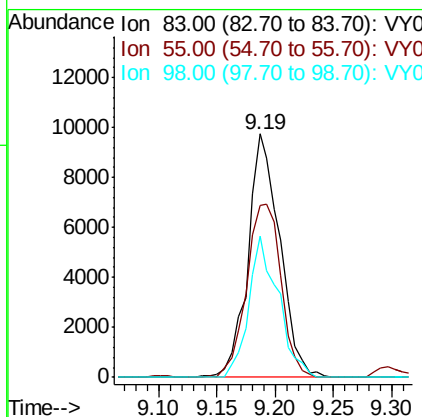
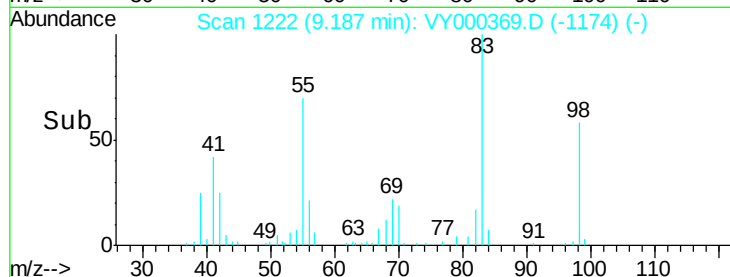
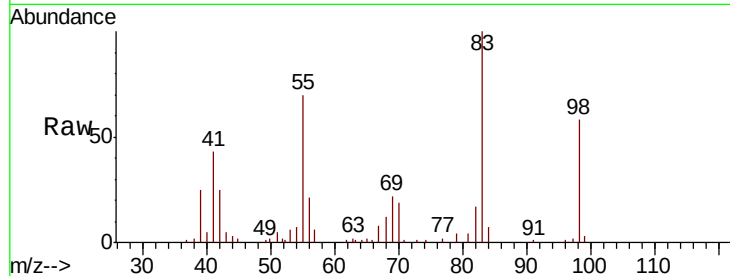
#39
Methylvlcyclohexane
Concen: 42.158 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.01 min
Lab File: VY000369.D
Acq: 22 Oct 2019 17:16

Instrument :
MSVOA_Y
ClientSampleId :
TP1-2FTMS

Tot Ion	83.00	Resp	18564
Ion Ratio	100	Lower	Upper
83	100		
55	70.5	60.9	91.3
98	57.9	41.8	62.6

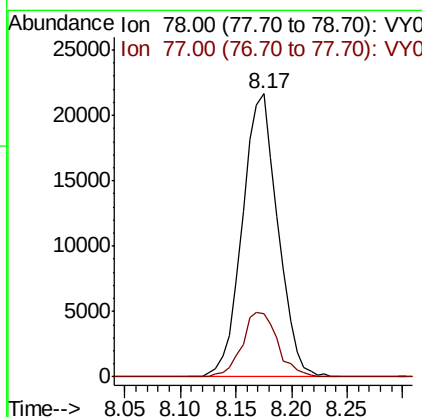
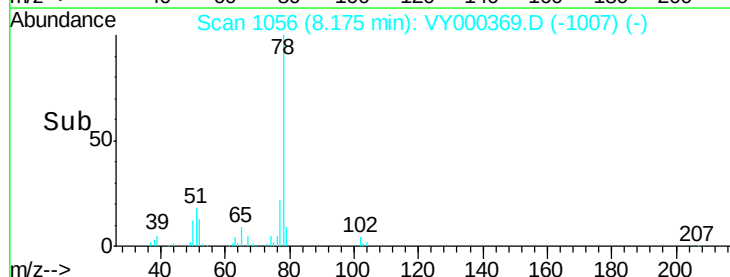
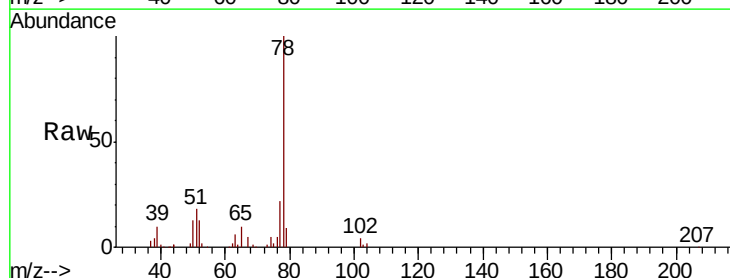
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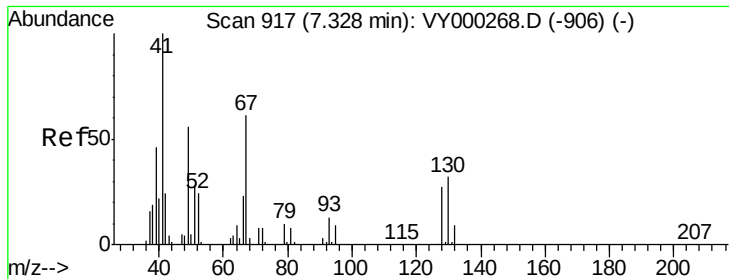
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#40
Benzene
Concen: 49.390 ug/l
RT: 8.17 min Scan# 1056
Delta R.T. -0.00 min
Lab File: VY000369.D
Acq: 22 Oct 2019 17:16

Tgt Ion	78.00	Resp	48021
Ion Ratio	100	Lower	Upper
78	100		
77	22.3	18.8	28.2





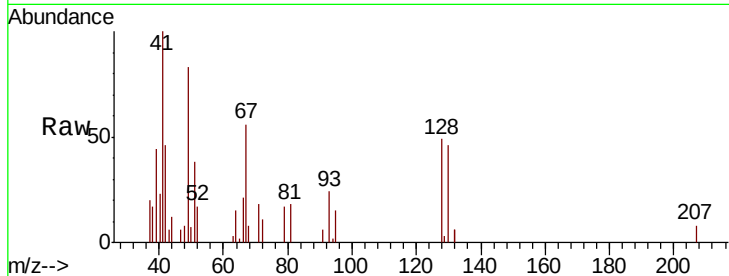
#41
Methacrylonitrile
Concen: 61.322 ug/l m
RT: 7.33 min Scan# 918
Delta R.T. 0.01 min
Lab File: VY000369.D
Acq: 22 Oct 2019 17:16

Instrument :
MSVOA_Y
ClientSampleId :
TP1-2FTMS

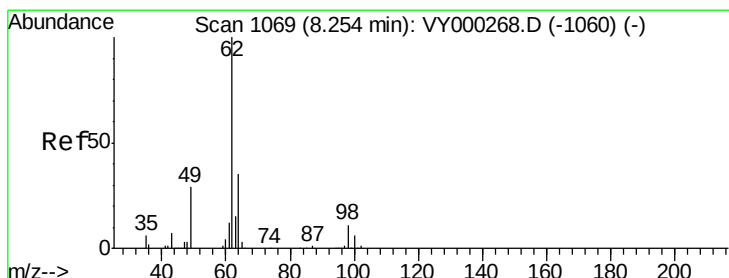
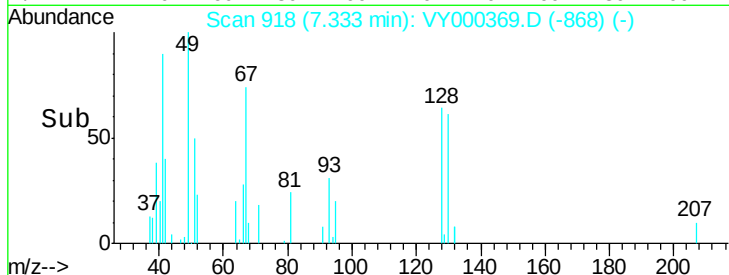
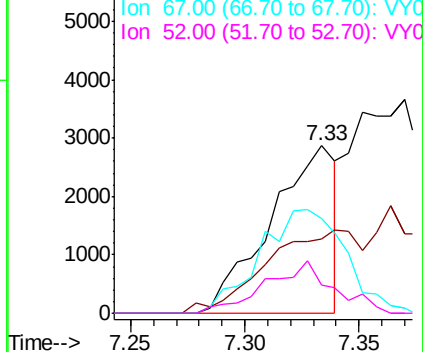
Tot Ion	41	Resp:	5815
Ion	Ratio	Lower	Upper
41	100		
39	56.7	110.2	165.2#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

Manual Integrations
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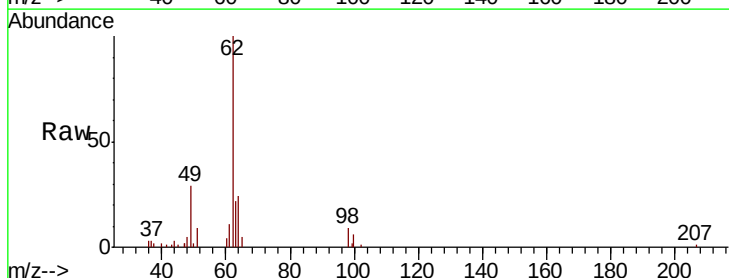


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

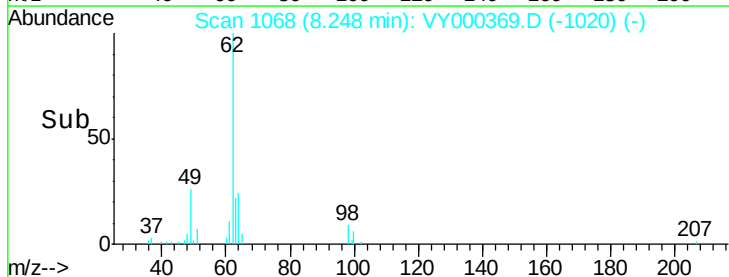
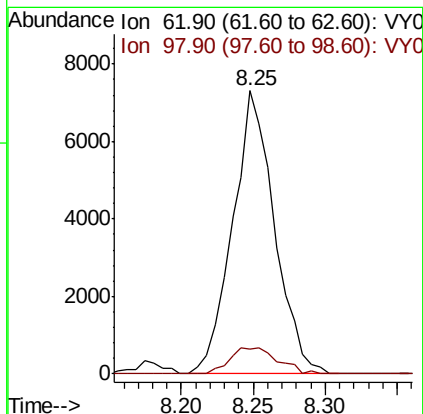


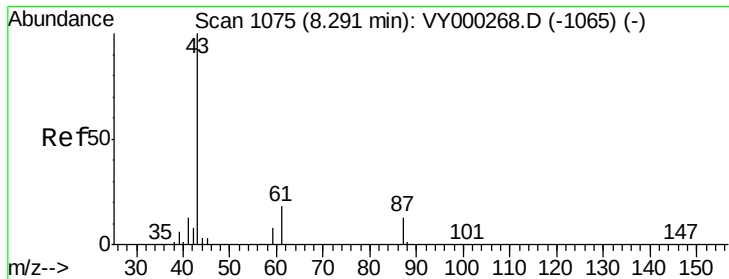
#42
1,2-Dichloroethane
Concen: 53.040 ug/l
RT: 8.25 min Scan# 1068
Delta R.T. -0.01 min
Lab File: VY000369.D
Acq: 22 Oct 2019 17:16

Tgt Ion	62	Resp:	14731
Ion	Ratio	Lower	Upper
62	100		
98	10.8	0.0	20.6



Abundance Ion 61.90 (61.60 to 62.60): VY0
Ion 97.90 (97.60 to 98.60): VY0





#43

Isopropyl Acetate

Concen: 46.353 ug/l

RT: 8.28 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VY000369.D

Acq: 22 Oct 2019 17:16

Instrument :

MSVOA_Y

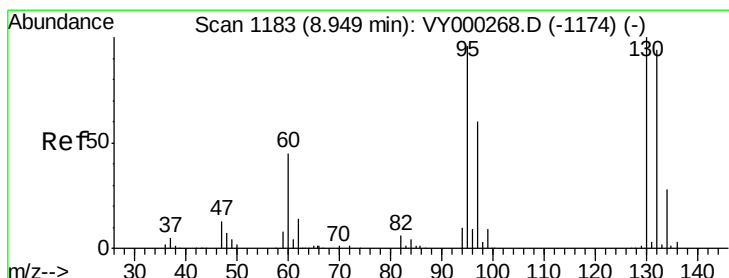
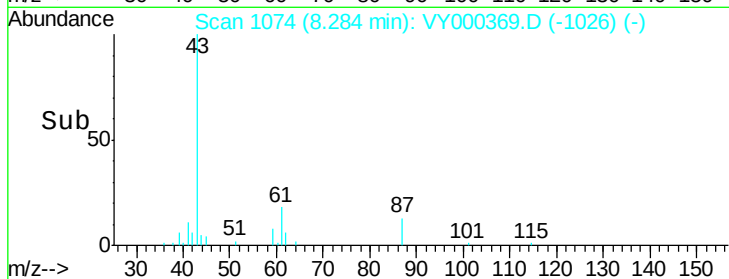
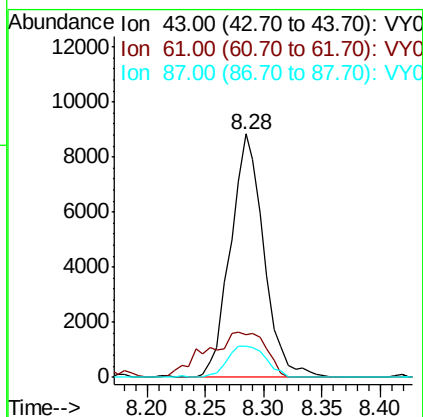
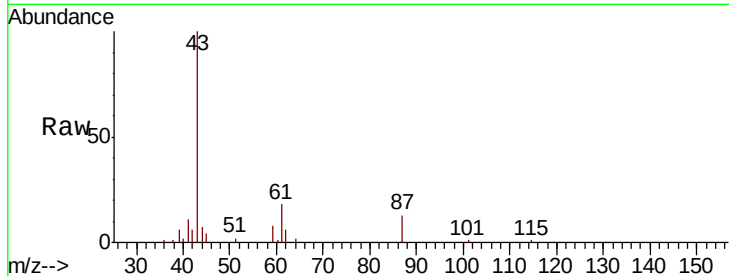
ClientSampleId :

TP1-2FTMS

Tot Ion:	43	Resp:	17558
Ion	Ratio	Lower	Upper
43	100		
61	32.8	22.3	33.5
87	14.9	10.9	16.3

Manual Integrations
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#44

Trichloroethene

Concen: 55.284 ug/l

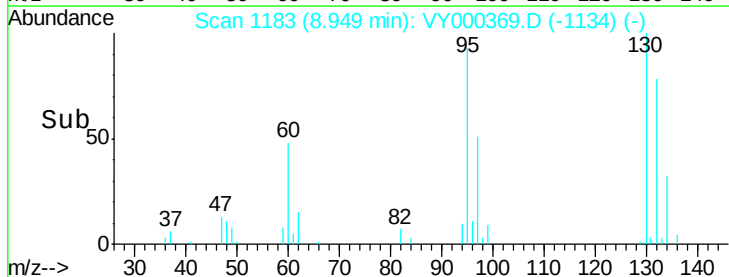
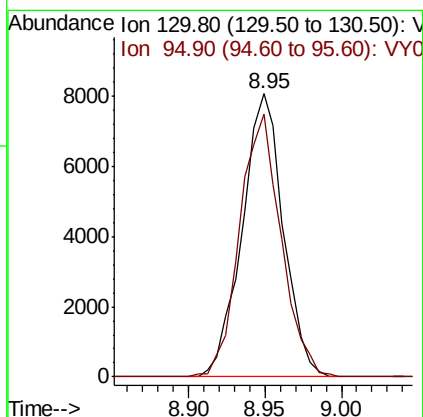
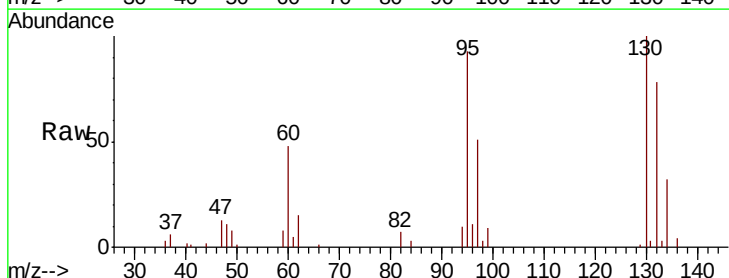
RT: 8.95 min Scan# 1183

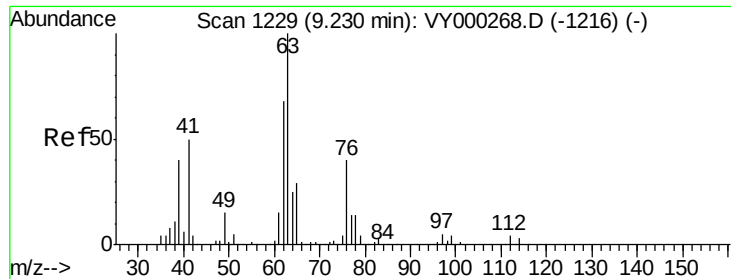
Delta R.T. -0.00 min

Lab File: VY000369.D

Acq: 22 Oct 2019 17:16

Tgt Ion:	130	Resp:	15082
Ion	Ratio	Lower	Upper
130	100		
95	92.9	0.0	191.4





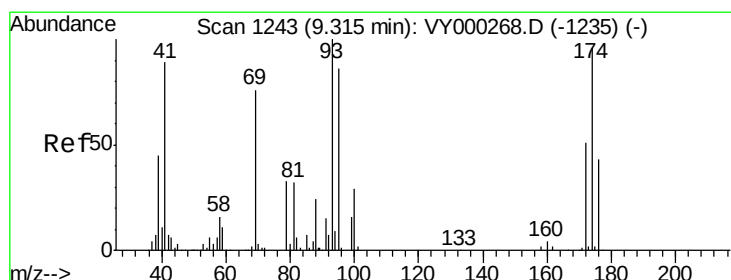
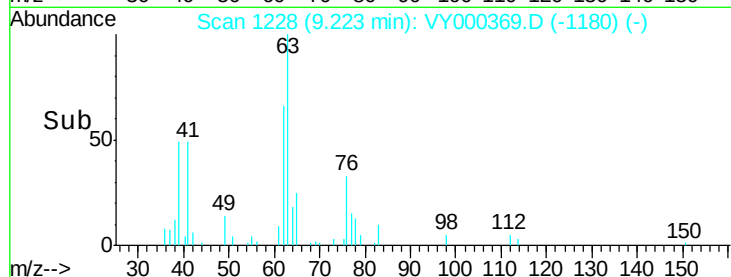
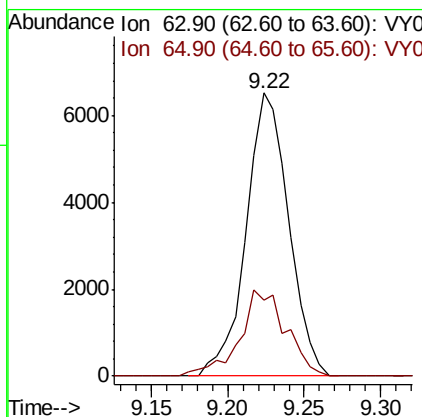
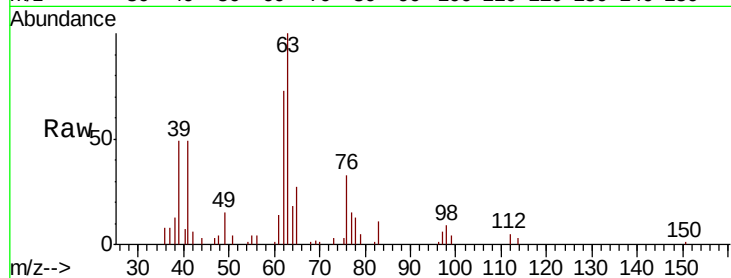
#45
 1,2-Dichloropropane
 Concen: 52.933 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: VY000369.D
 Acq: 22 Oct 2019 17:16

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP1-2FTMS

Tot Ion: 63 Resp: 12630
 Ion Ratio Lower Upper
 63 100
 65 26.8 23.2 34.8

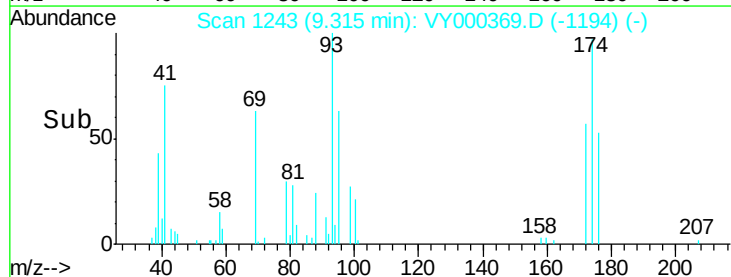
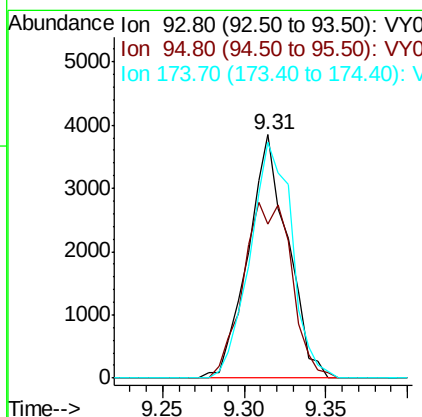
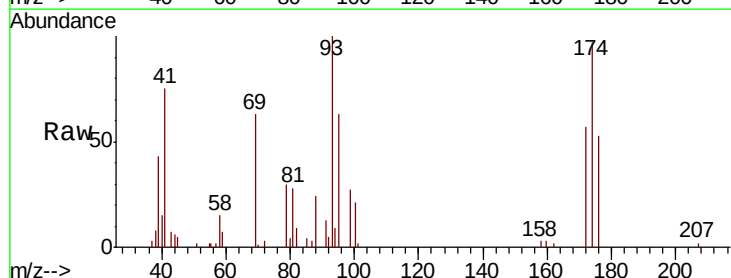
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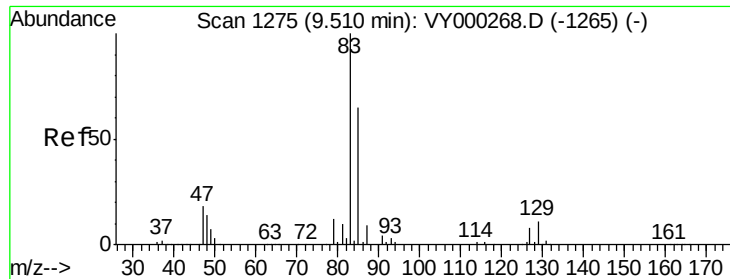
MMDadoda
 10/24/2019 4:34:14 PM



#46
 Dibromomethane
 Concen: 48.769 ug/l
 RT: 9.31 min Scan# 1243
 Delta R.T. -0.00 min
 Lab File: VY000369.D
 Acq: 22 Oct 2019 17:16

Tgt Ion: 93 Resp: 6505
 Ion Ratio Lower Upper
 93 100
 95 87.3 68.2 102.2
 174 102.4 79.8 119.6





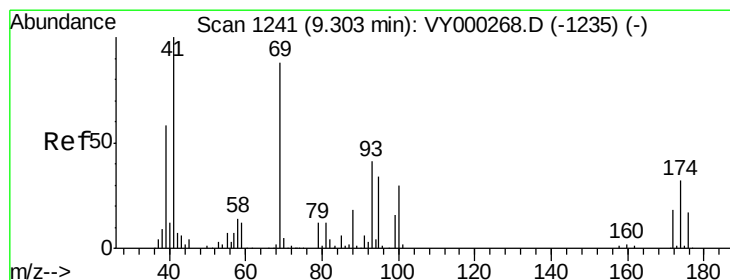
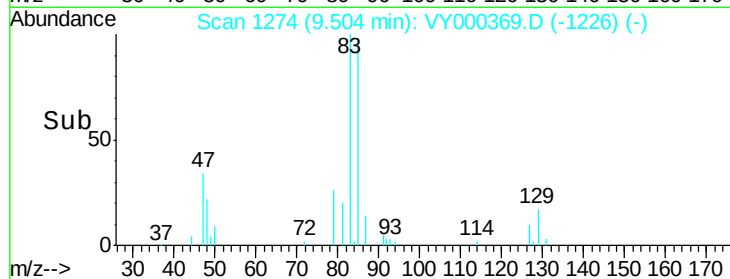
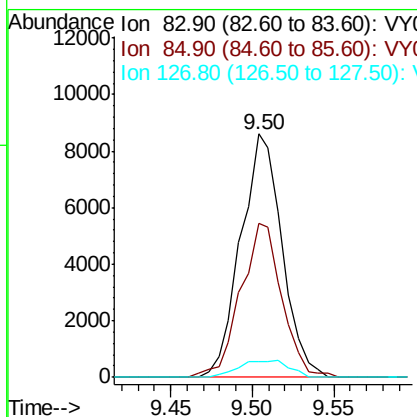
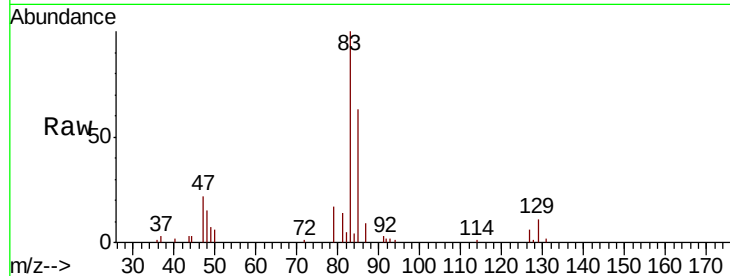
#47
Bromodichloromethane
Concen: 48.135 ug/l
RT: 9.50 min Scan# 1274
Delta R.T. -0.01 min
Lab File: VY000369.D
Acq: 22 Oct 2019 17:16

Instrument :
MSVOA_Y
ClientSampleId :
TP1-2FTMS

Tot Ion	83	Resp	15131
Ion Ratio	100	Lower	Upper
83	100		
85	63.5	52.2	78.2
127	6.2	6.3	9.5#

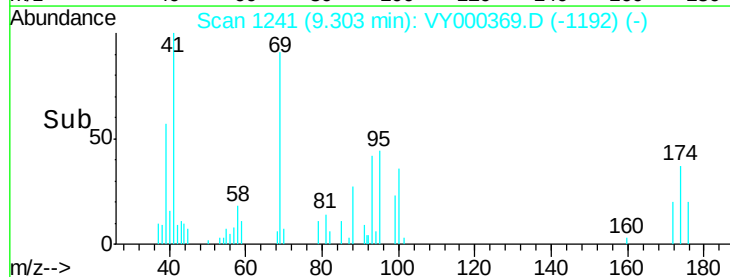
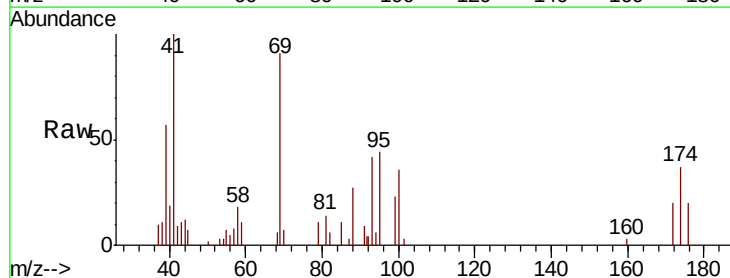
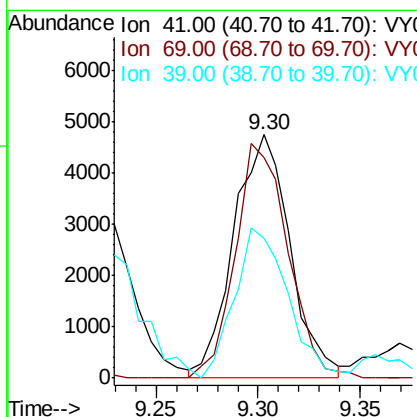
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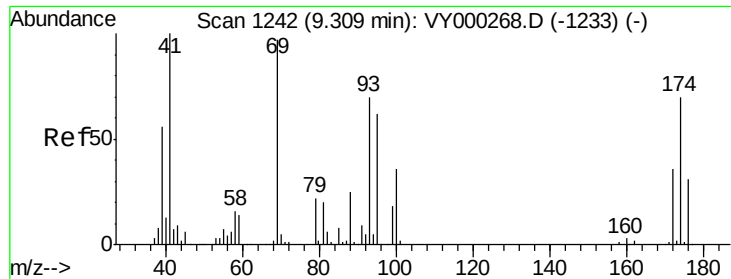
MMDadoda
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#48
Methyl methacrylate
Concen: 54.889 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VY000369.D
Acq: 22 Oct 2019 17:16

Tgt Ion	41	Resp	9112
Ion Ratio	100	Lower	Upper
41	100		
69	90.3	70.0	105.0
39	58.3	47.7	71.5





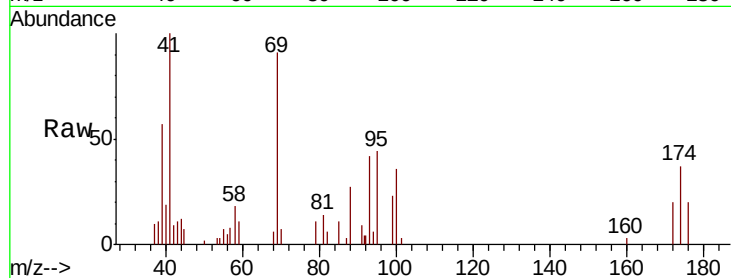
#49
1,4-Dioxane
Concen: 1259.550 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. -0.01 min
Lab File: VY000369.D
Acq: 22 Oct 2019 17:16

Instrument :
MSVOA_Y
ClientSampleId :
TP1-2FTMS

Tot Ion	88	Resp	2519
Ion	Ratio	Lower	Upper
88	100		
43	43.2	25.6	38.4#
58	74.1	54.6	81.8

Manual Integrations
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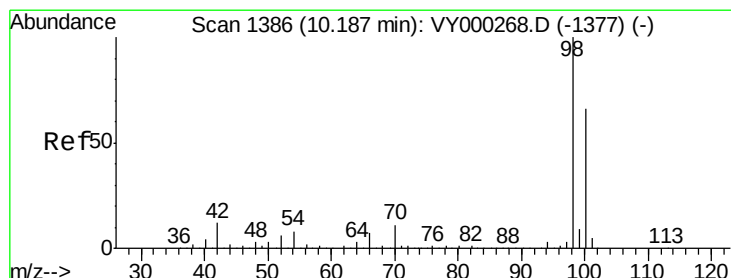
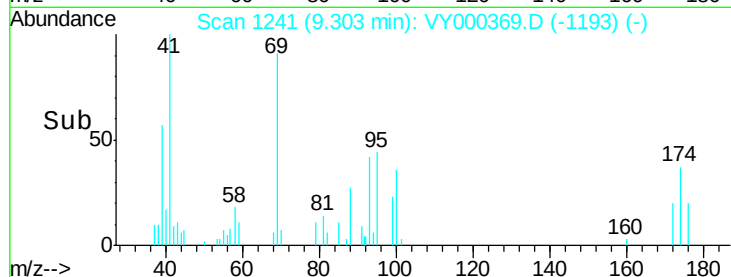
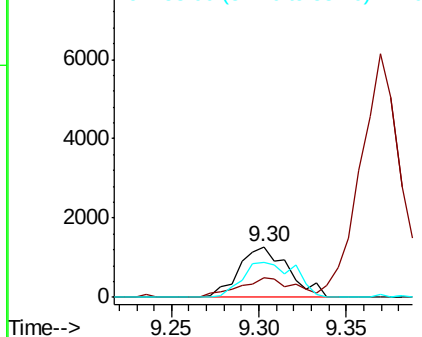


Abundance

Ion 88.00 (87.70 to 88.70): VY0

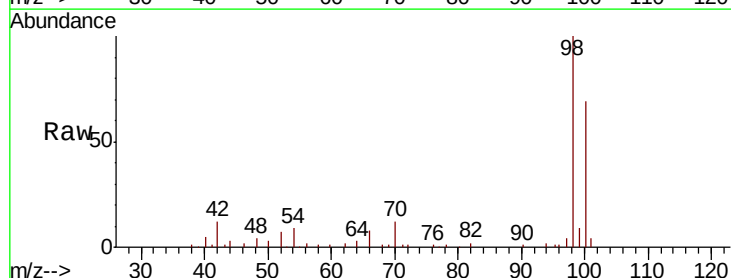
Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#50
Toluene-d8
Concen: 49.946 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. -0.00 min
Lab File: VY000369.D
Acq: 22 Oct 2019 17:16

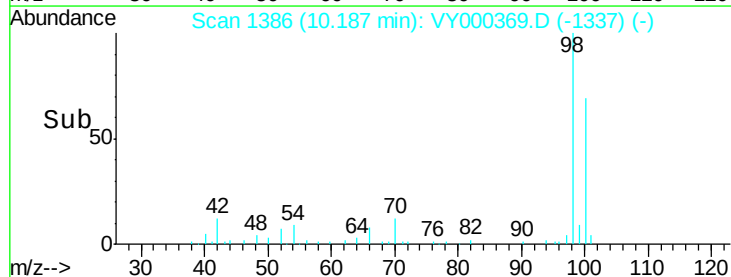
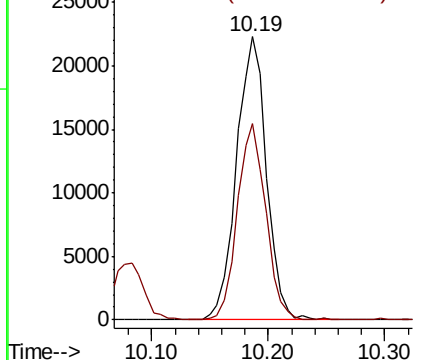
Tgt Ion	98	Resp	39826
Ion	Ratio	Lower	Upper
98	100		
100	65.9	52.8	79.2

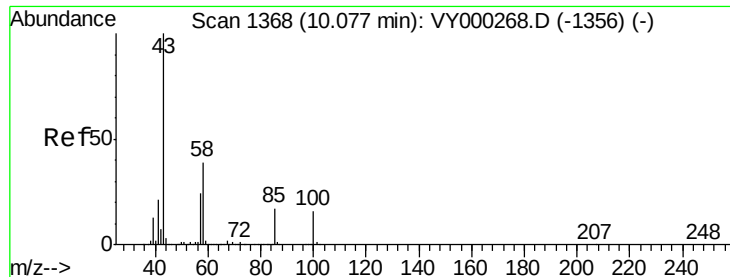


Abundance

Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0





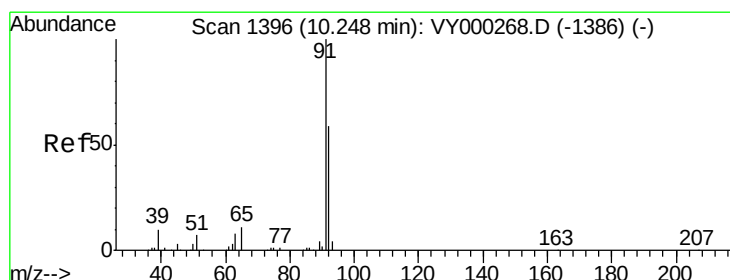
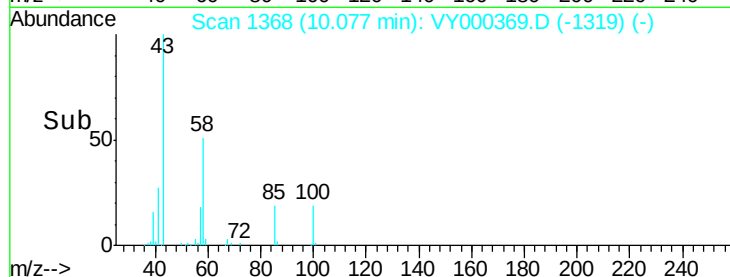
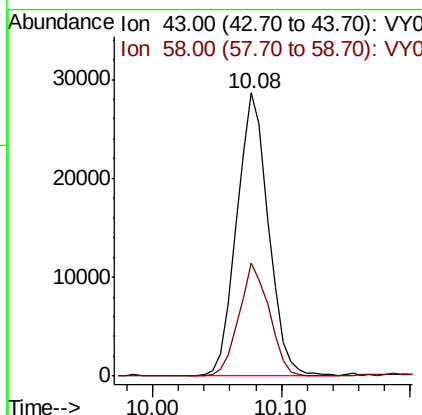
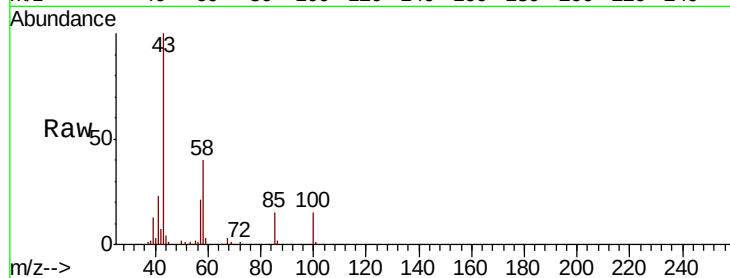
#51
4-Methyl-2-Pentanone
Concen: 250.083 ug/l
RT: 10.08 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VY000369.D
Acq: 22 Oct 2019 17:16

Instrument :
MSVOA_Y
ClientSampleId :
TP1-2FTMS

Tot Ion	43	Resp	48859
Ion Ratio	100	Lower	Upper
58	38.0	31.0	46.6

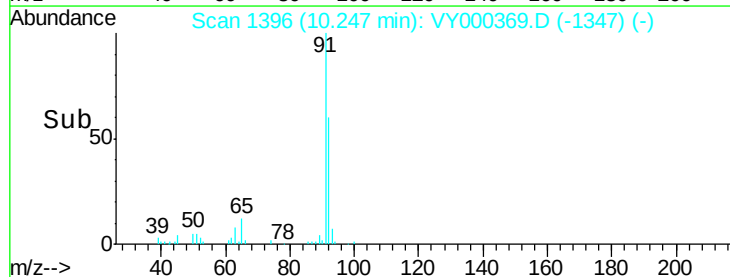
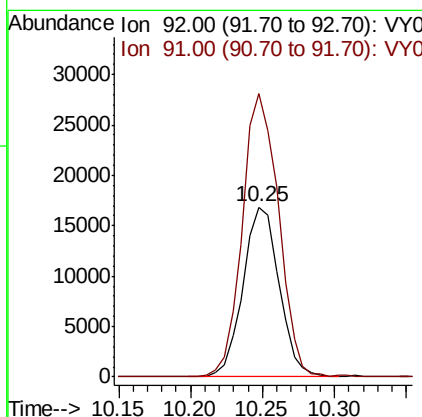
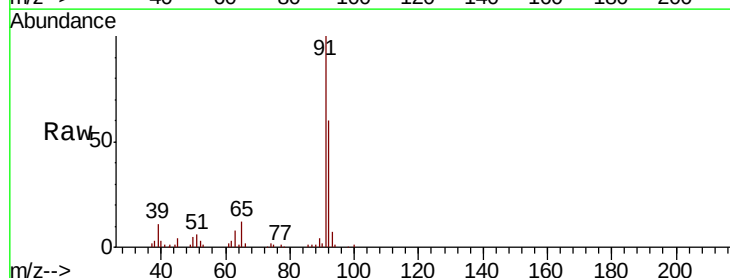
Manual Integrations
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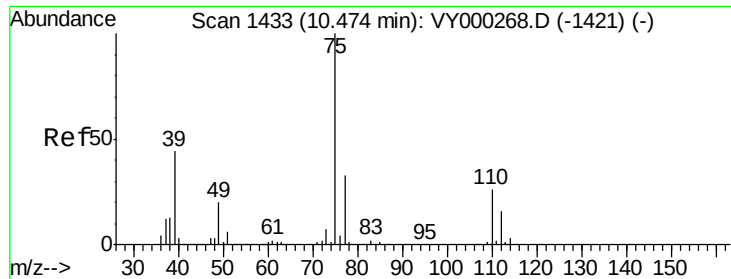
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#52
Toluene
Concen: 47.402 ug/l
RT: 10.25 min Scan# 1396
Delta R.T. -0.00 min
Lab File: VY000369.D
Acq: 22 Oct 2019 17:16

Tgt Ion	92	Resp	29261
Ion Ratio	100	Lower	Upper
91	167.7	136.6	205.0





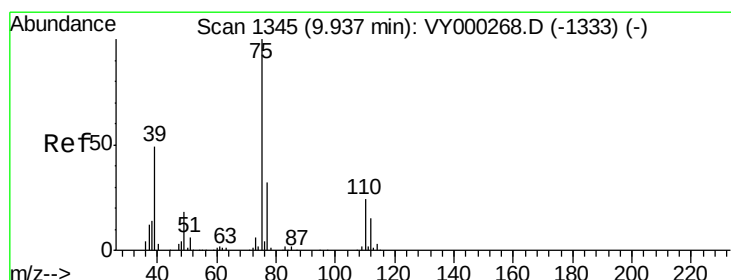
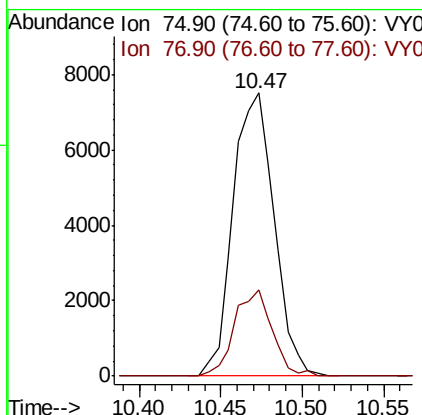
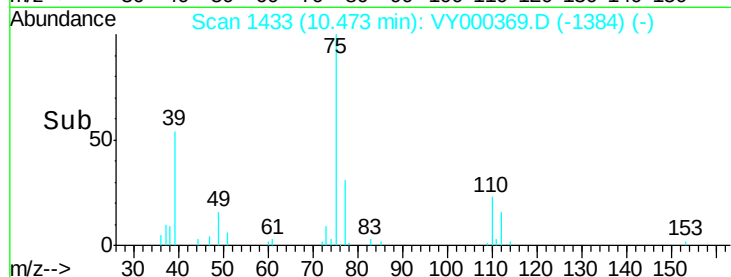
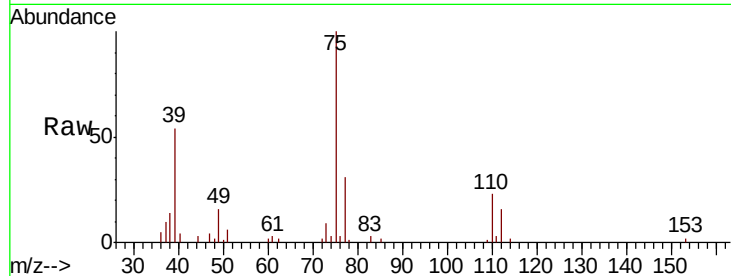
#53
t-1,3-Dichloropropene
Concen: 39.194 ug/l
RT: 10.47 min Scan# 1433
Delta R.T. -0.00 min
Lab File: VY000369.D
Acq: 22 Oct 2019 17:16

Instrument :
MSVOA_Y
ClientSampleId :
TP1-2FTMS

Tot Ion: 75 Resp: 13204
Ion Ratio Lower Upper
75 100
77 30.5 26.0 39.0

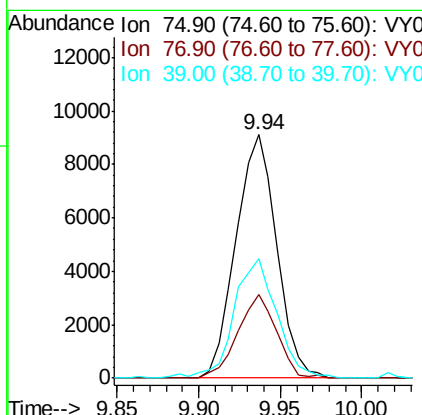
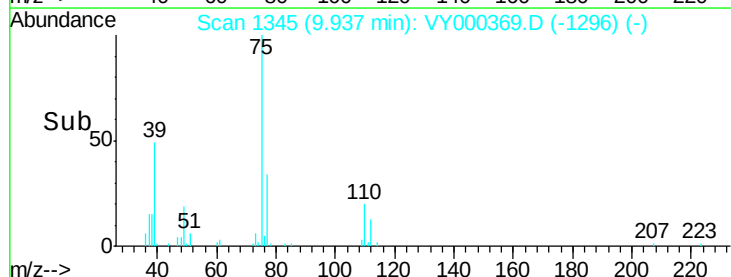
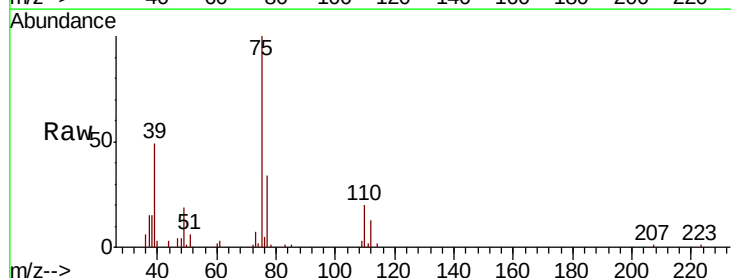
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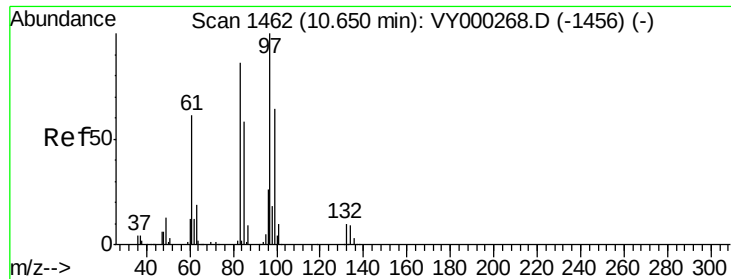
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#54
cis-1,3-Dichloropropene
Concen: 41.335 ug/l
RT: 9.94 min Scan# 1345
Delta R.T. -0.00 min
Lab File: VY000369.D
Acq: 22 Oct 2019 17:16

Tgt Ion: 75 Resp: 15814
Ion Ratio Lower Upper
75 100
77 34.4 26.0 39.0
39 49.0 38.8 58.2





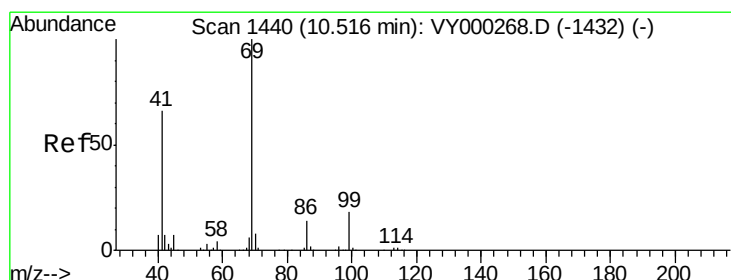
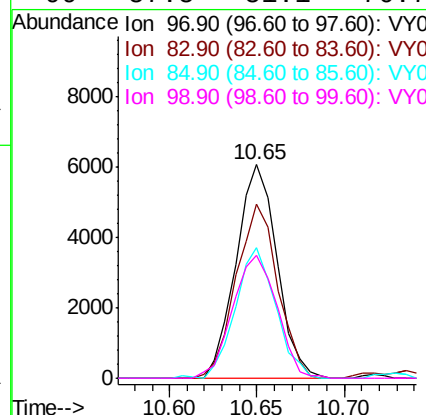
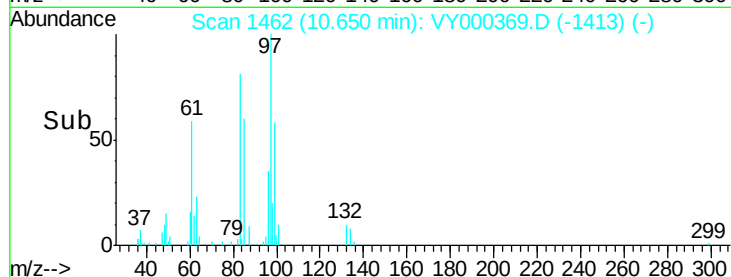
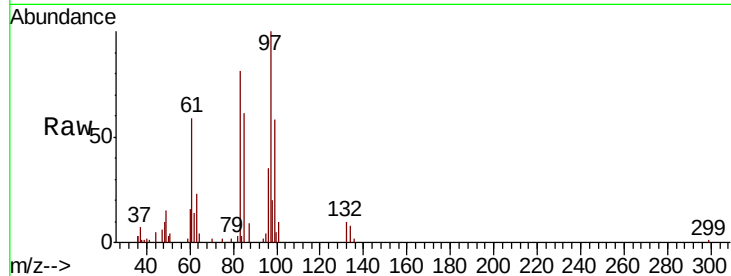
#55
 1,1,2-Trichloroethane
 Concen: 51.001 ug/l
 RT: 10.65 min Scan# 1462
 Delta R.T. -0.00 min
 Lab File: VY000369.D
 Acq: 22 Oct 2019 17:16

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP1-2FTMS

Tot Ion:	97	Resp:	9891
Ion	Ratio	Lower	Upper
97	100		
83	81.3	69.0	103.6
85	61.0	46.2	69.4
99	57.5	51.1	76.7

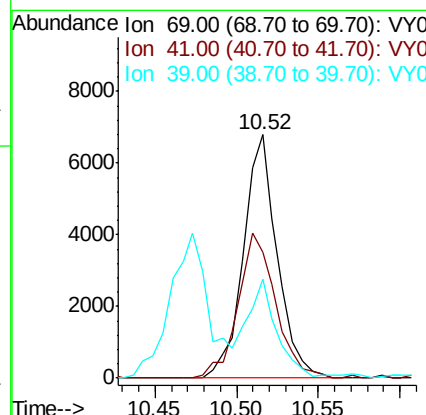
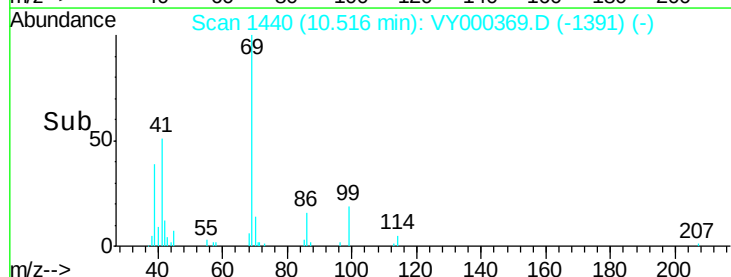
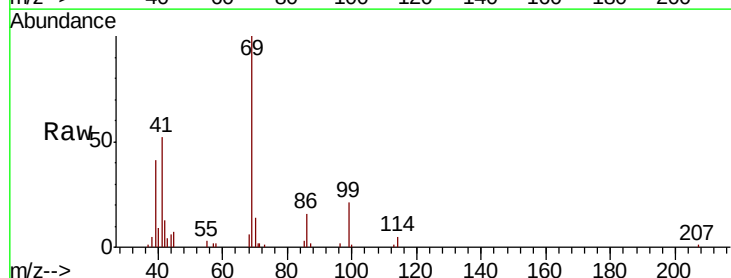
Manual Integrations
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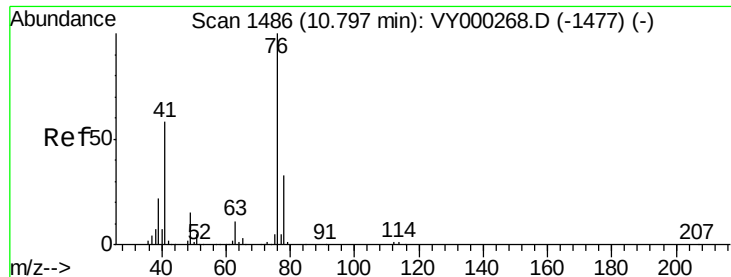
MMDadoda
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#56
 Ethyl methacrylate
 Concen: 35.387 ug/l
 RT: 10.52 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: VY000369.D
 Acq: 22 Oct 2019 17:16

Tgt Ion:	69	Resp:	9782
Ion	Ratio	Lower	Upper
69	100		
41	66.1	52.5	78.7
39	36.3	26.7	40.1





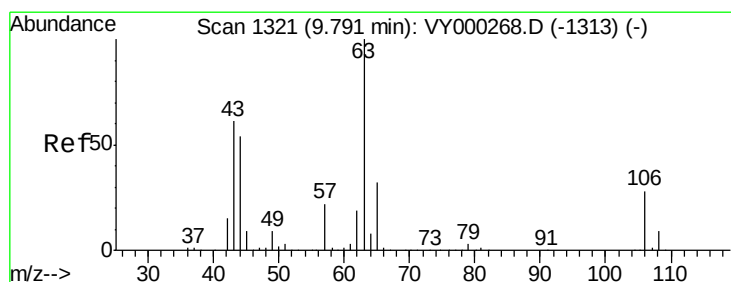
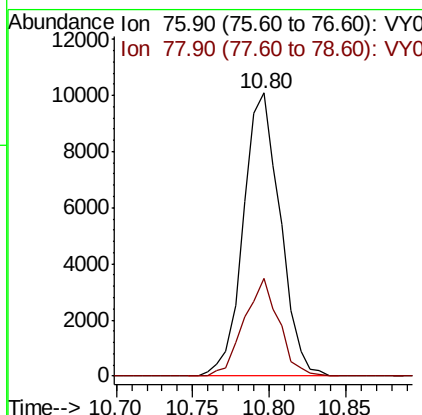
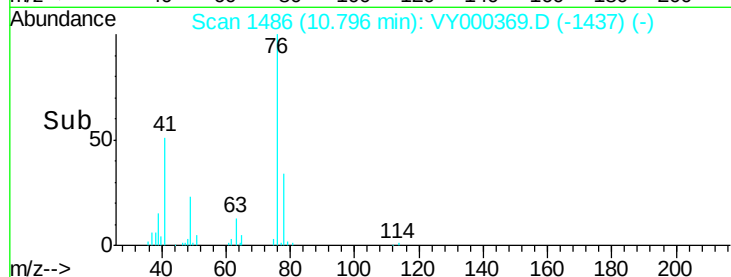
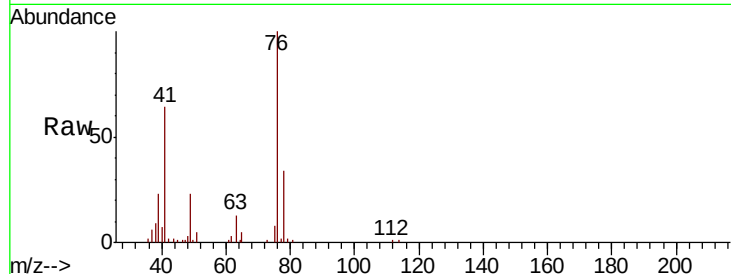
#57
 1,3-Dichloropropane
 Concen: 50.822 ug/l
 RT: 10.80 min Scan# 1486
 Delta R.T. -0.00 min
 Lab File: VY000369.D
 Acq: 22 Oct 2019 17:16

Instrument :
 MSVOA_Y
 ClientSampled :
 TP1-2FTMS

Tot Ion: 76 Resp: 16927
 Ion Ratio Lower Upper
 76 100
 78 32.7 26.2 39.2

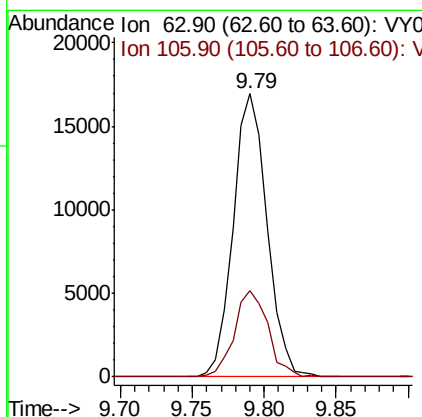
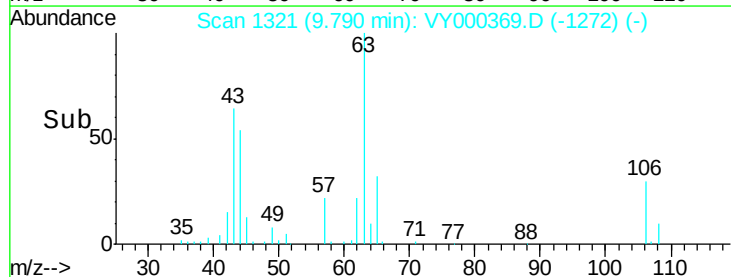
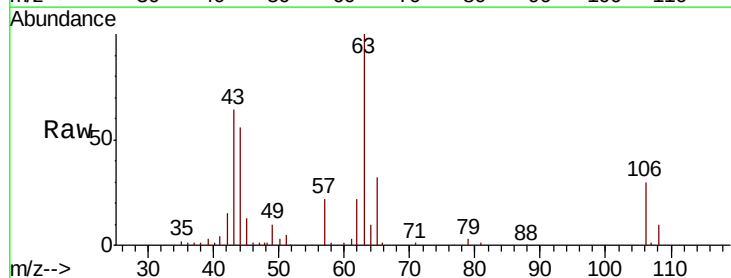
Manual Integrations
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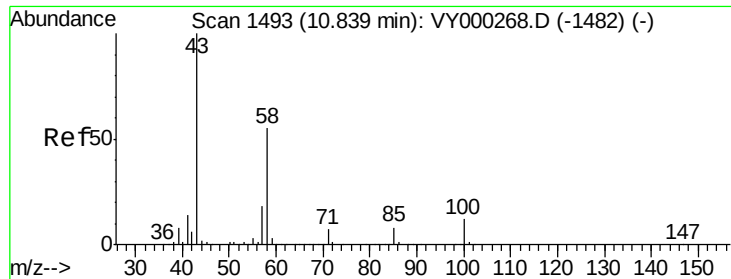
MMDadoda
 10/24/2019 4:34:14 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 251.455 ug/l
 RT: 9.79 min Scan# 1321
 Delta R.T. -0.00 min
 Lab File: VY000369.D
 Acq: 22 Oct 2019 17:16

Tgt Ion: 63 Resp: 27725
 Ion Ratio Lower Upper
 63 100
 106 30.4 23.0 34.4





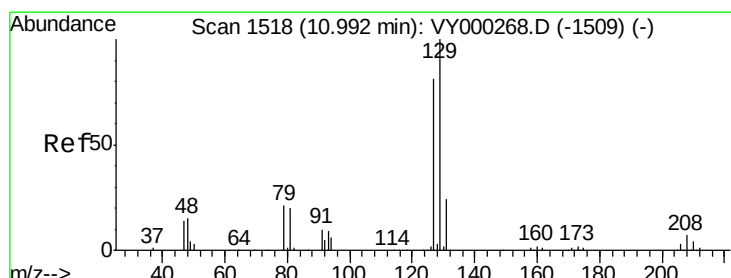
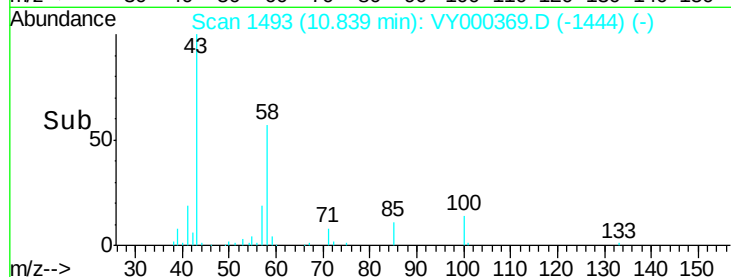
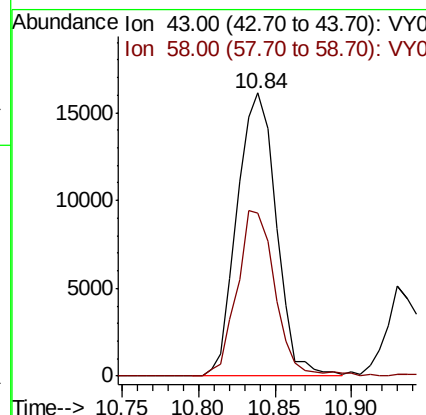
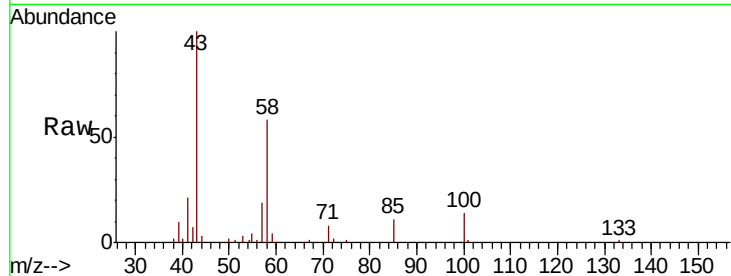
#59
2-Hexanone
Concen: 208.876 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. -0.00 min
Lab File: VY000369.D
Acq: 22 Oct 2019 17:16

Instrument :
MSVOA_Y
ClientSampleId :
TP1-2FTMS

Tot Ion: 43 Resp: 28644
Ion Ratio Lower Upper
43 100
58 56.9 27.7 83.1

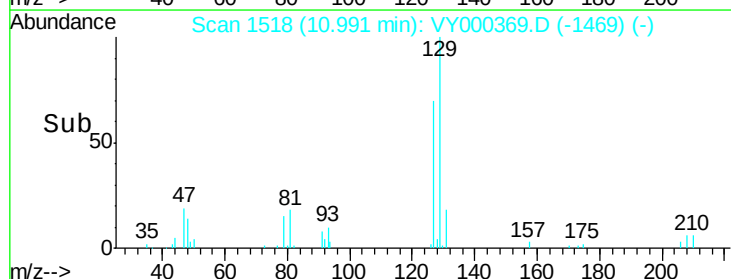
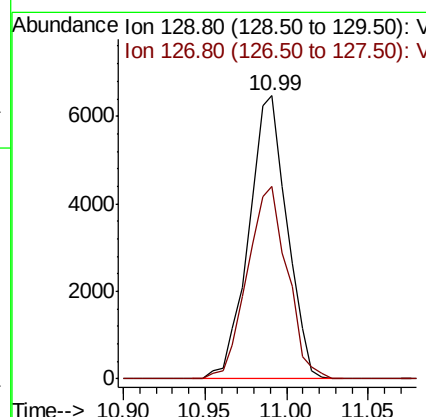
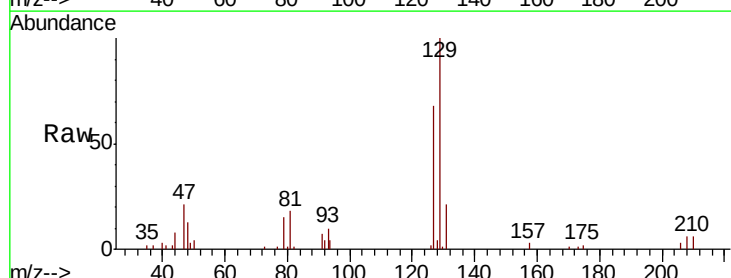
Manual Integrations
APPROVED

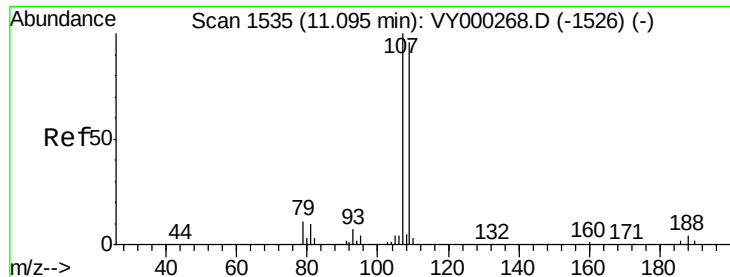
MMDadoda
10/24/2019 4:34:14 PM



#60
Dibromochloromethane
Concen: 49.280 ug/l
RT: 10.99 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VY000369.D
Acq: 22 Oct 2019 17:16

Tgt Ion: 129 Resp: 10593
Ion Ratio Lower Upper
129 100
127 70.9 39.9 119.7





#61

1,2-Dibromoethane

Concen: 45.814 ug/l

RT: 11.09 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VY000369.D

Acq: 22 Oct 2019 17:16

Instrument :

MSVOA_Y

ClientSampleId :

TP1-2FTMS

Tot Ion: 107 Resp: 8531

Ion Ratio Lower Upper

107 100

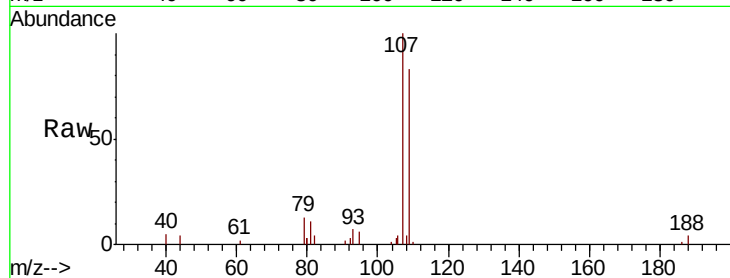
109 93.8 75.1 112.7

Manual Integrations

APPROVED

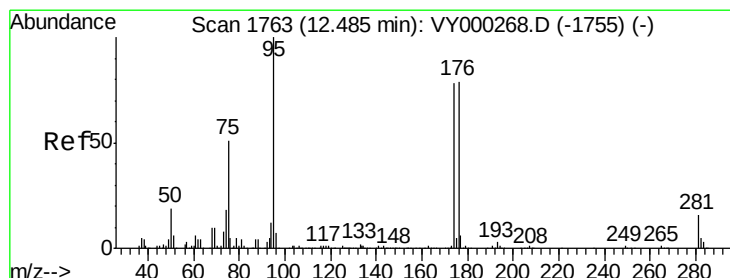
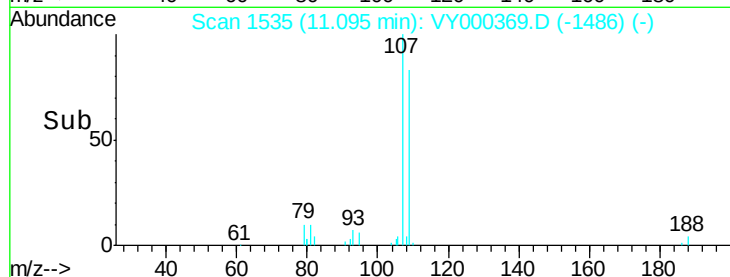
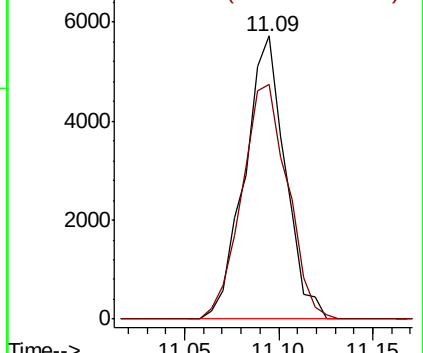
MMDadoda

10/24/2019 4:34:14 PM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 42.795 ug/l

RT: 12.48 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VY000369.D

Acq: 22 Oct 2019 17:16

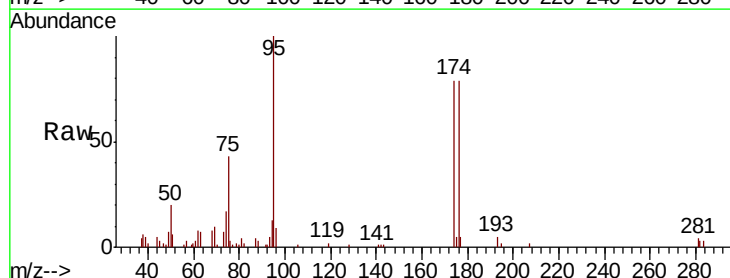
Tgt Ion: 95 Resp: 12964

Ion Ratio Lower Upper

95 100

174 78.6 0.0 159.6

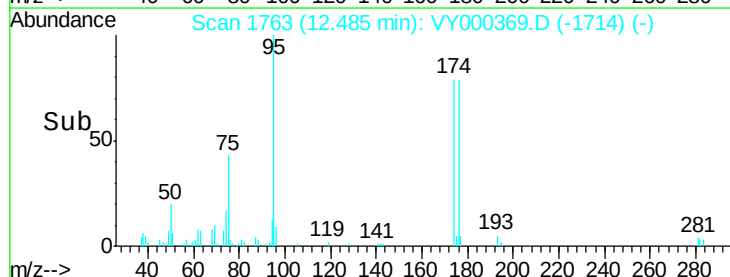
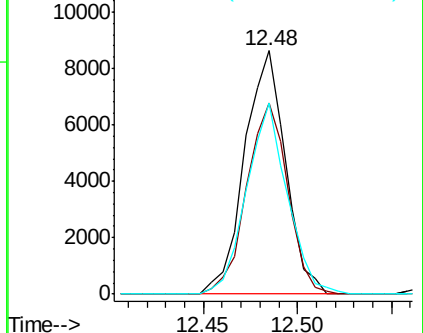
176 78.2 0.0 153.8

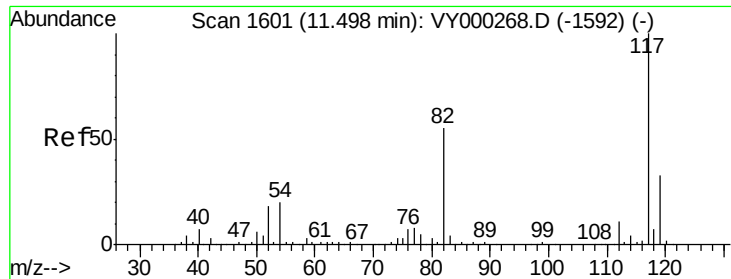


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





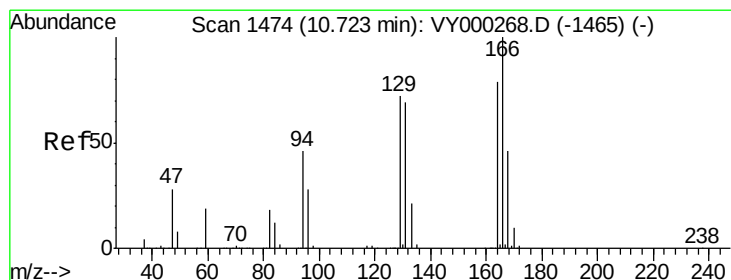
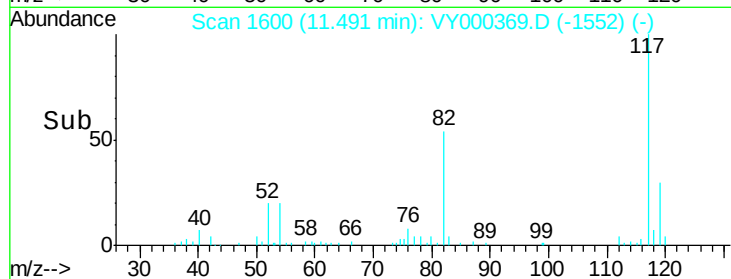
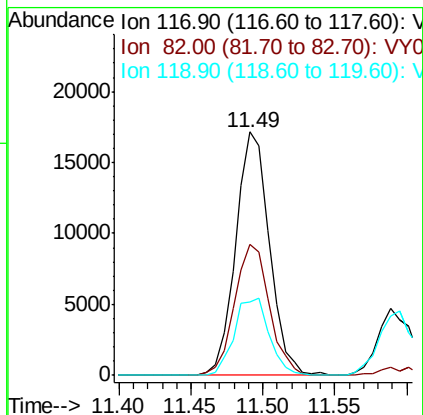
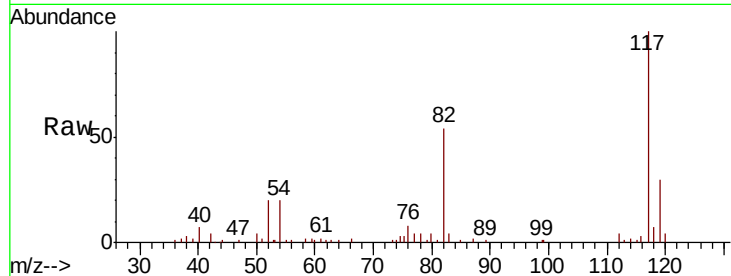
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY000369.D
Acq: 22 Oct 2019 17:16

Instrument :
MSVOA_Y
ClientSampleId :
TP1-2FTMS

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.9	43.7	65.5
119	30.2	26.6	39.8

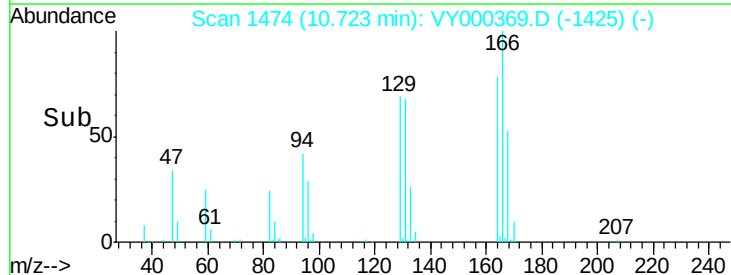
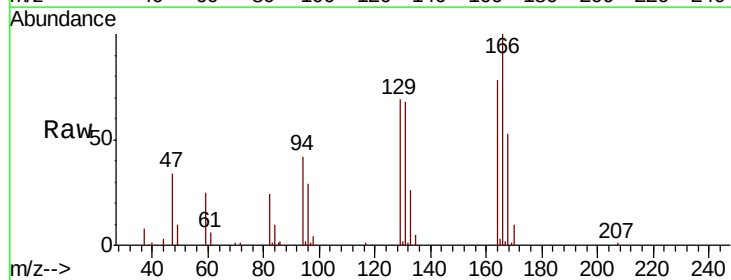
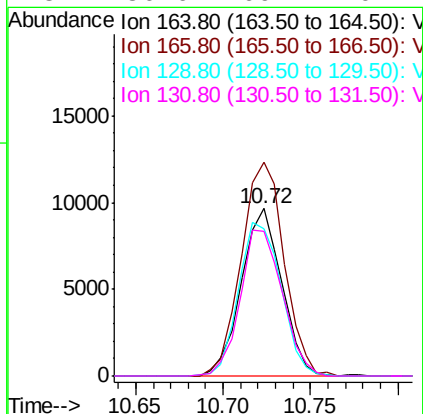
Manual Integrations
APPROVED

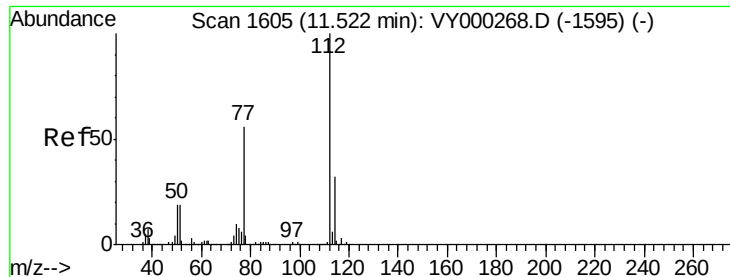
MMDadoda
10/24/2019 4:34:14 PM



#64
Tetrachloroethene
Concen: 58.508 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VY000369.D
Acq: 22 Oct 2019 17:16

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.8	100.6	151.0
129	87.9	72.8	109.2
131	86.6	69.4	104.2





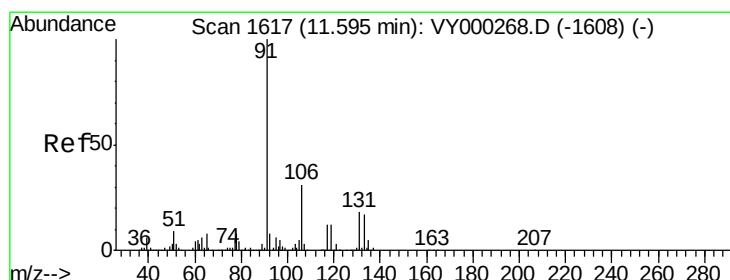
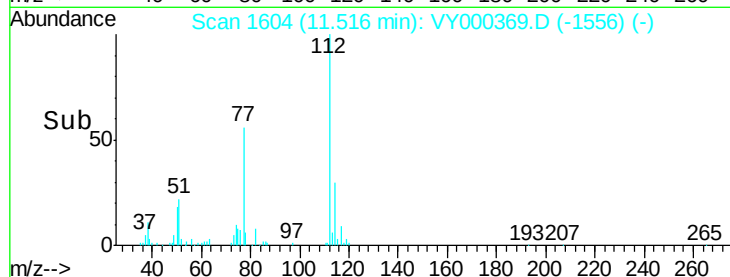
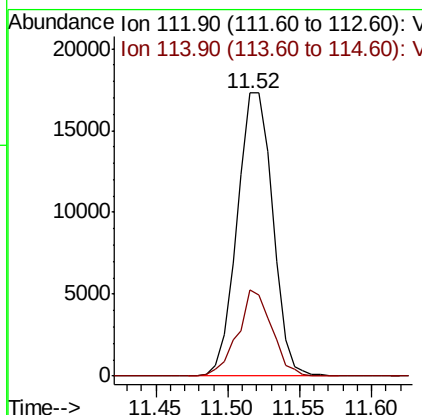
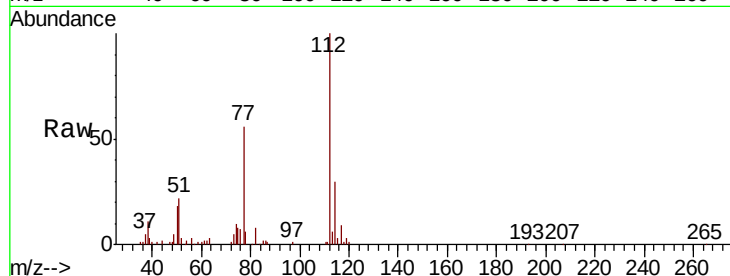
#65
Chlorobenzene
Concen: 50.310 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.01 min
Lab File: VY000369.D
Acq: 22 Oct 2019 17:16

Instrument :
MSVOA_Y
ClientSampleId :
TP1-2FTMS

Tot Ion	Ratio	Lower	Upper
112	100		
114	30.4	25.7	38.5

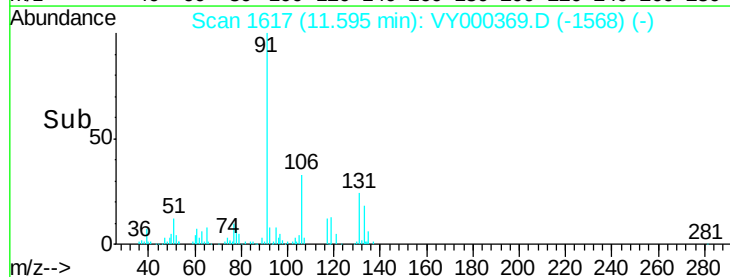
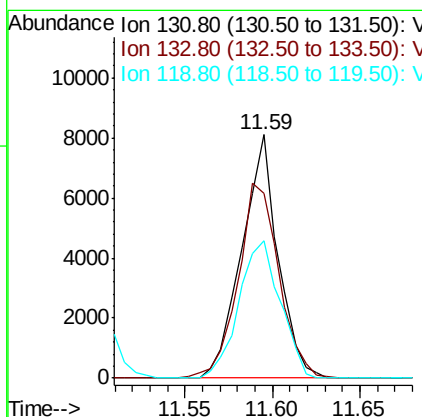
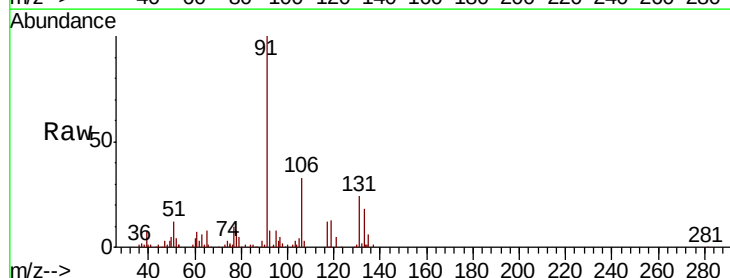
Manual Integrations
APPROVED

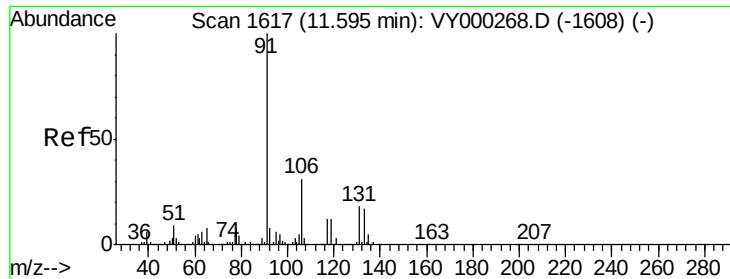
MMDadoda
10/24/2019 4:34:14 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 56.152 ug/l
RT: 11.59 min Scan# 1617
Delta R.T. -0.00 min
Lab File: VY000369.D
Acq: 22 Oct 2019 17:16

Tgt Ion	Ratio	Lower	Upper
131	100		
133	90.7	47.2	141.6
119	64.8	32.6	98.0





#67

Ethyl Benzene

Concen: 48.654 ug/l

RT: 11.59 min Scan# 1617

Delta R.T. -0.00 min

Lab File: VY000369.D

Acq: 22 Oct 2019 17:16

Instrument :

MSVOA_Y

ClientSampleId :

TP1-2FTMS

Tot Ion: 91 Resp: 53161

Ion Ratio Lower Upper

91 100

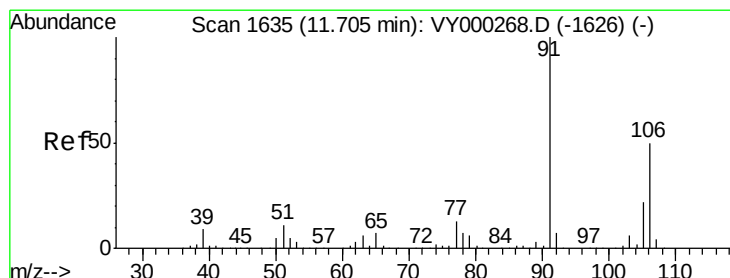
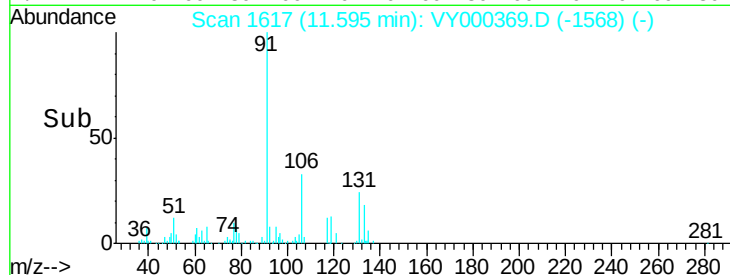
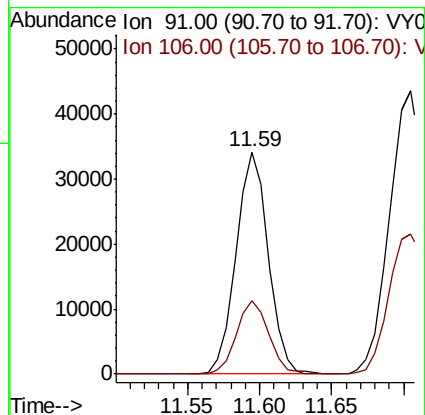
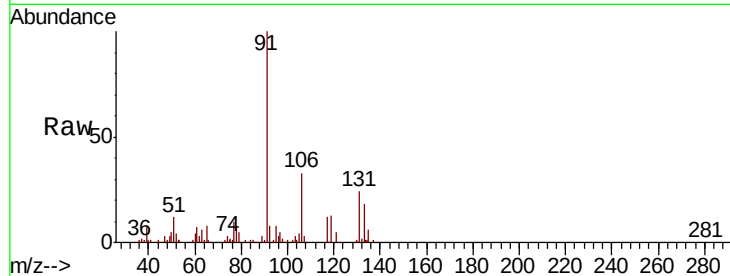
106 33.1 25.0 37.6

Manual Integrations

APPROVED

MMDadoda

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#68

m/p-Xylenes

Concen: 99.547 ug/l

RT: 11.70 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VY000369.D

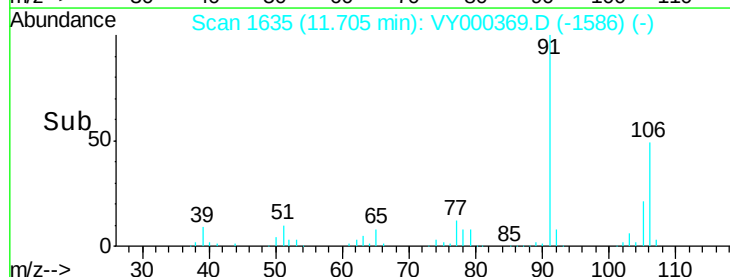
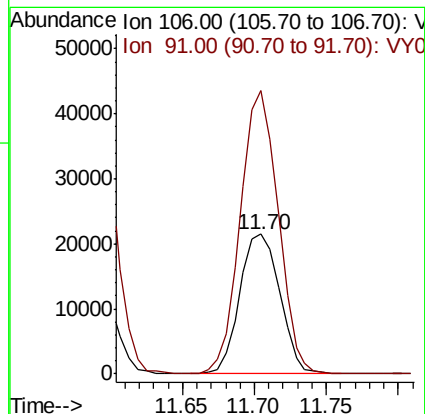
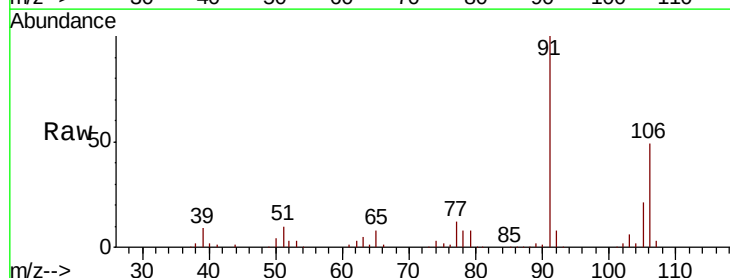
Acq: 22 Oct 2019 17:16

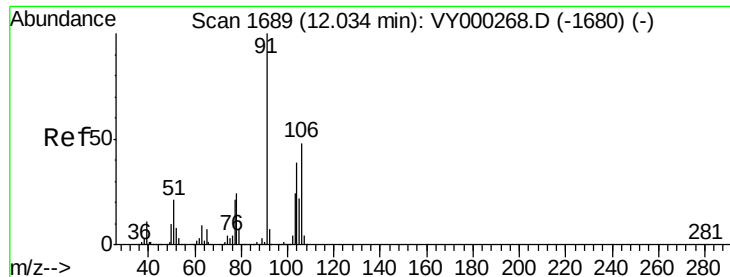
Tgt Ion: 106 Resp: 41580

Ion Ratio Lower Upper

106 100

91 191.4 157.5 236.3





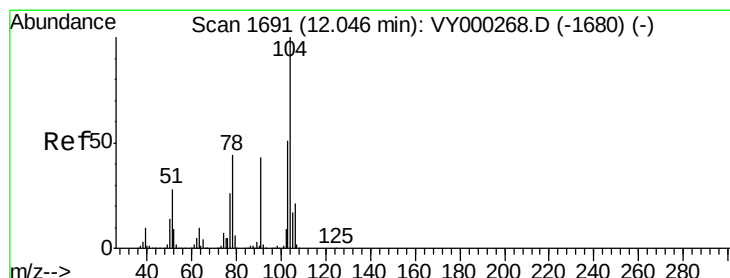
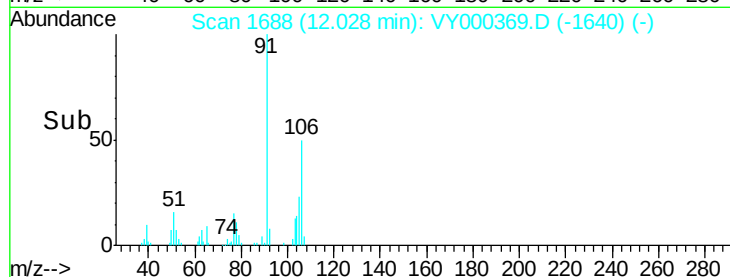
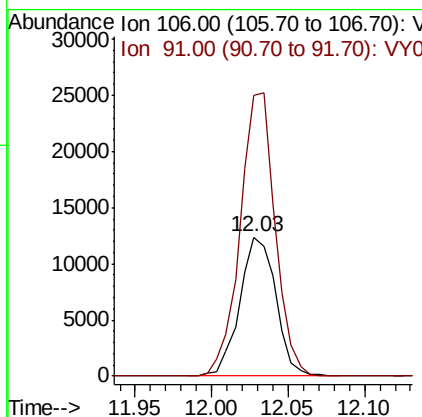
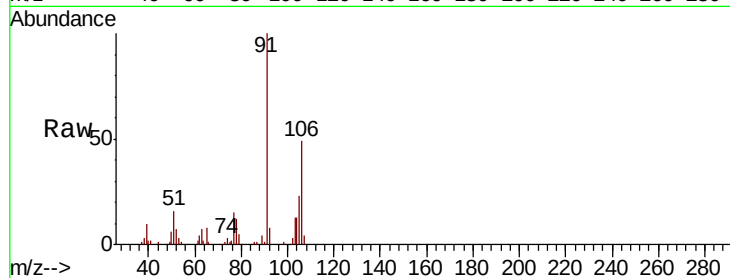
#69
o-Xylene
Concen: 50.782 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.01 min
Lab File: VY000369.D
Acq: 22 Oct 2019 17:16

Instrument :
MSVOA_Y
ClientSampleId :
TP1-2FTMS

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	197.7	104.7	313.9	

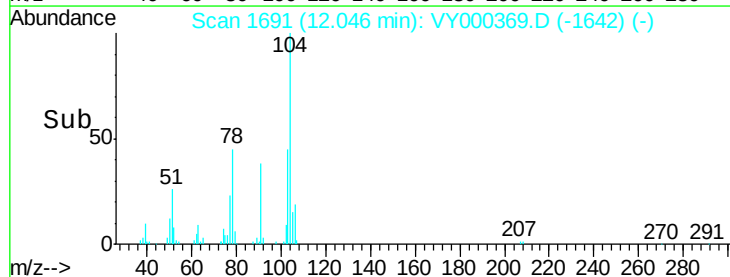
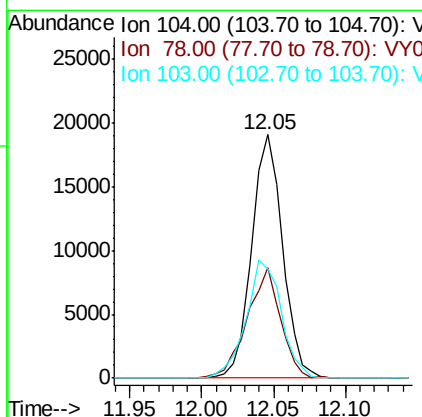
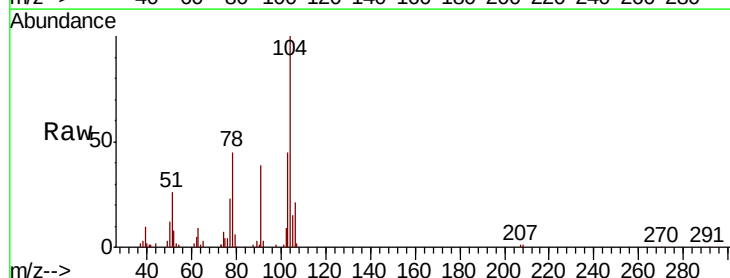
Manual Integrations
APPROVED

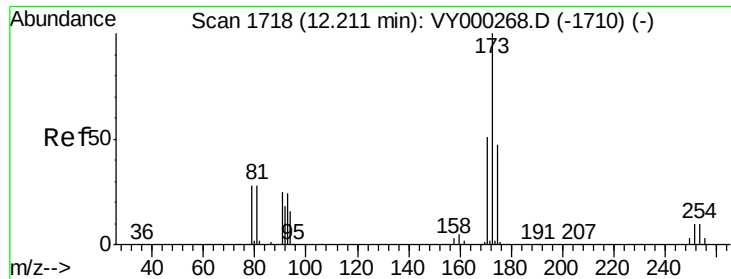
MMDadoda
10/24/2019 4:34:14 PM



#70
Styrene
Concen: 42.017 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. -0.00 min
Lab File: VY000369.D
Acq: 22 Oct 2019 17:16

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	49.2	39.0	58.6	
103	55.4	43.1	64.7	





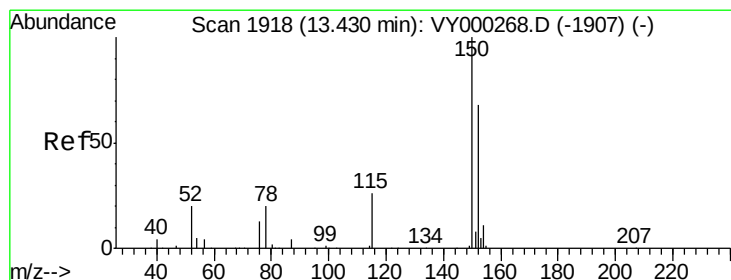
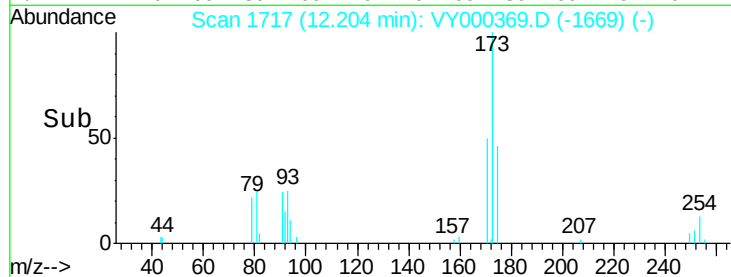
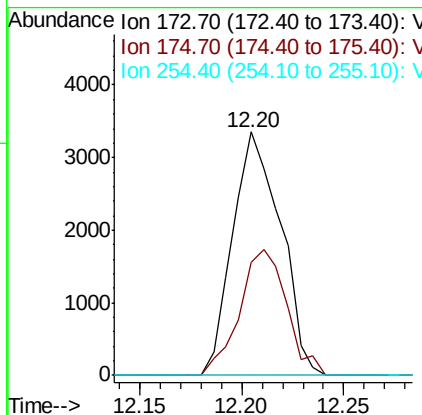
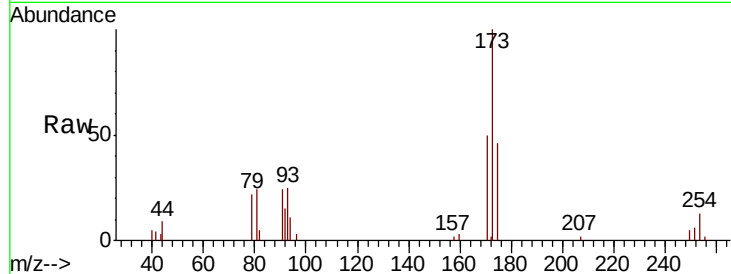
#71
Bromoform
Concen: 45.899 ug/l
RT: 12.20 min Scan# 1717
Delta R.T. -0.01 min
Lab File: VY000369.D
Acq: 22 Oct 2019 17:16

Instrument :
MSVOA_Y
ClientSampleId :
TP1-2FTMS

Tot Ion	Ratio	Lower	Upper
173	100		
175	50.9	24.6	73.6
254	0.0	0.1	0.1#

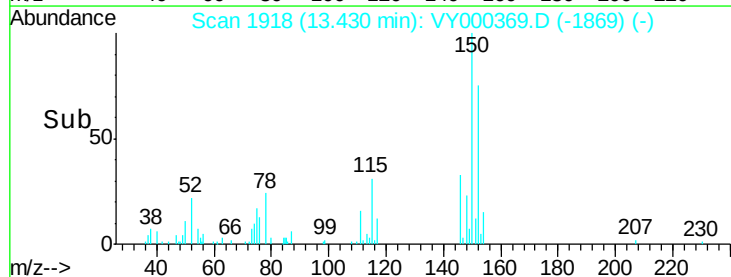
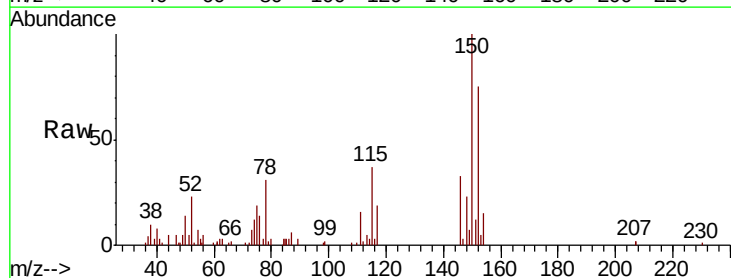
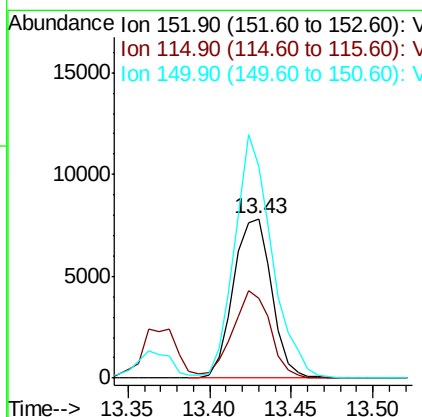
Manual Integrations
APPROVED

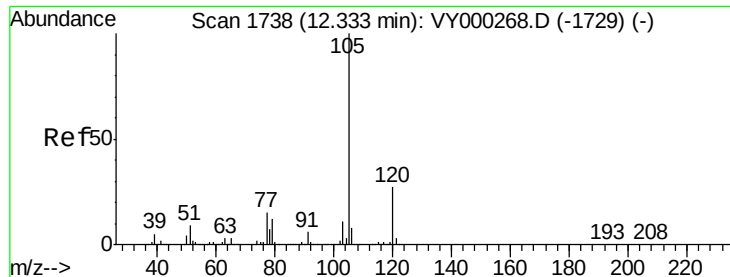
MMDadoda
10/24/2019 4:34:14 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. -0.00 min
Lab File: VY000369.D
Acq: 22 Oct 2019 17:16

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.0	29.3	88.0
150	148.7	0.0	348.4





#73

Isopropylbenzene

Concen: 51.475 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. -0.00 min

Lab File: VY000369.D

Acq: 22 Oct 2019 17:16

Instrument :

MSVOA_Y

ClientSampleId :

TP1-2FTMS

Tot Ion:105 Resp: 51271

Ion Ratio Lower Upper

105 100

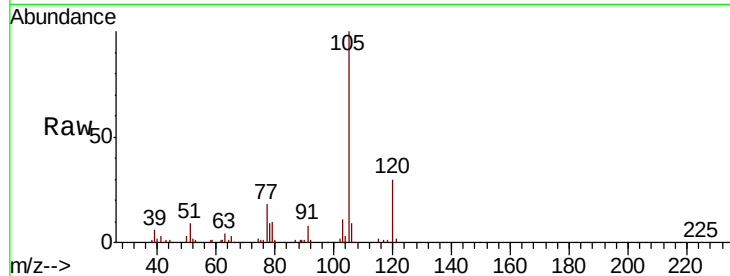
120 28.7 13.4 40.2

Manual Integrations

APPROVED

MMDadoda

10/24/2019 4:34:14 PM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.33

30000

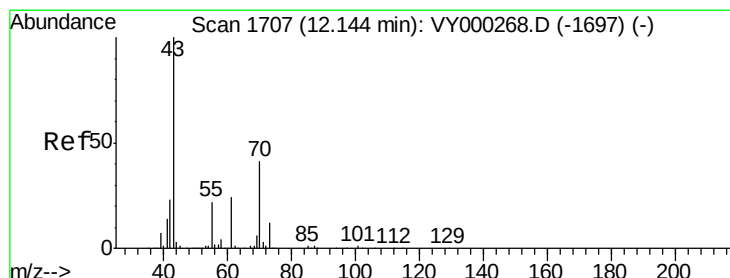
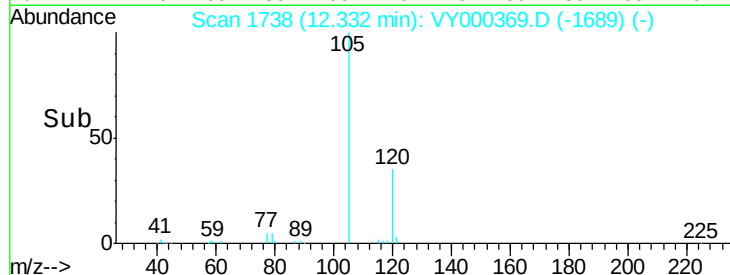
20000

10000

0

Time-->

12.25 12.30 12.35 12.40



#74

N-ethyl acetate

Concen: 23.237 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VY000369.D

Acq: 22 Oct 2019 17:16

Tgt Ion: 43 Resp: 5682

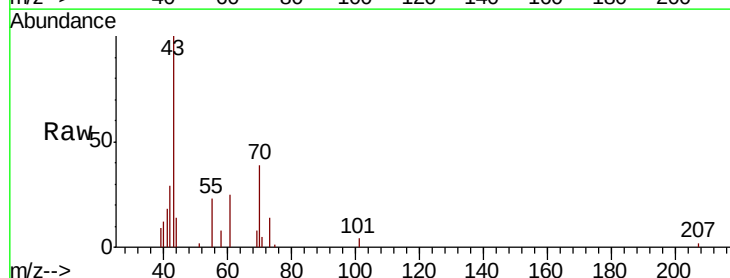
Ion Ratio Lower Upper

43 100

70 34.5 32.9 49.3

55 21.0 17.8 26.6

61 21.8 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

5000

4000

3000

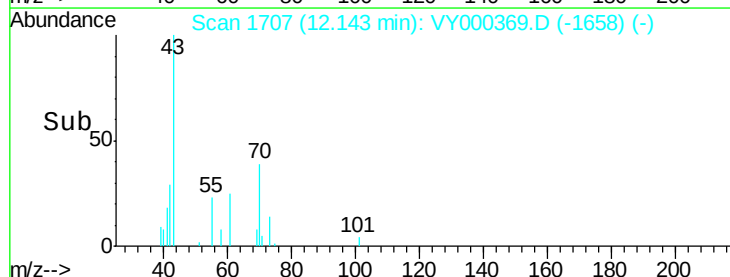
2000

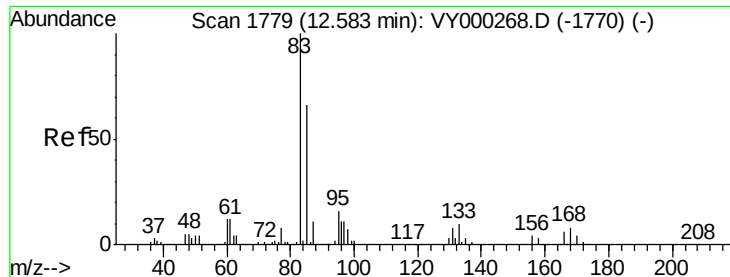
1000

0

Time-->

12.05 12.10 12.15 12.20





#75

1,1,2,2-Tetrachloroethane

Concen: 44.639 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY000369.D

Acq: 22 Oct 2019 17:16

Instrument :

MSVOA_Y

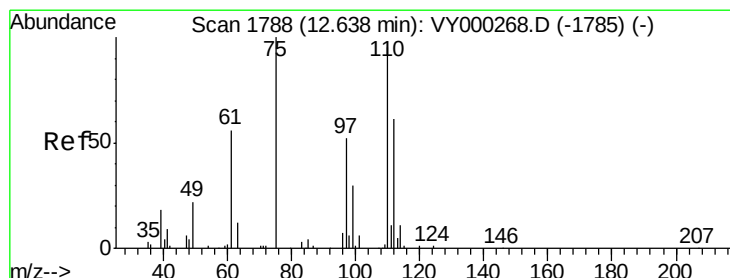
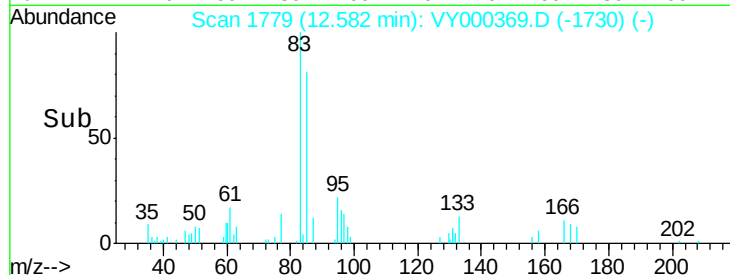
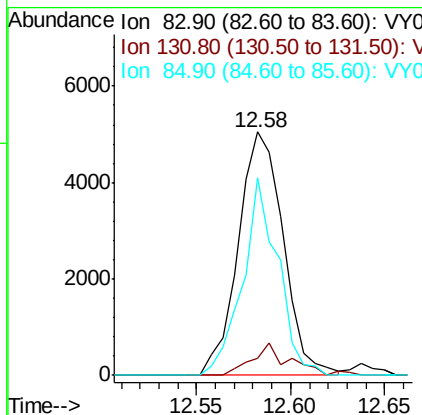
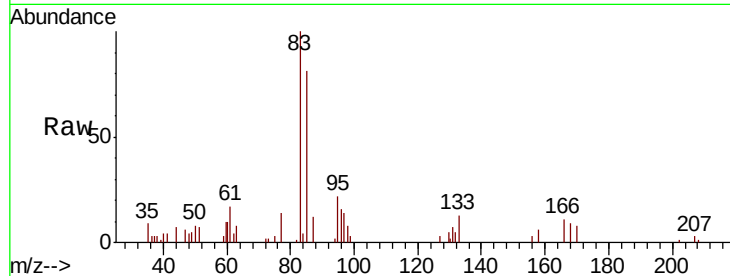
ClientSampleId :

TP1-2FTMS

Tot Ion:	83	Resp:	8348
Ion	Ratio	Lower	Upper
83	100		
131	11.1	5.3	16.1
85	64.2	32.9	98.7

Manual Integrations
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10/24/2019 4:34:14 PM



#76

1,2,3-Trichloropropane

Concen: 54.693 ug/l m

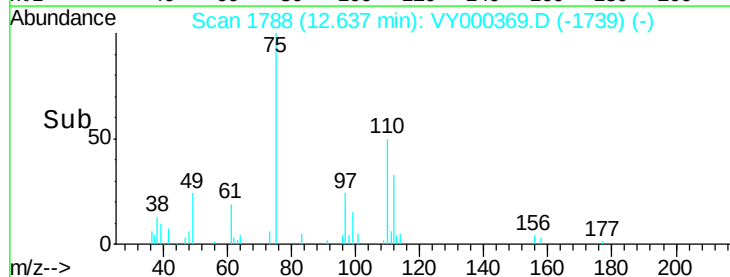
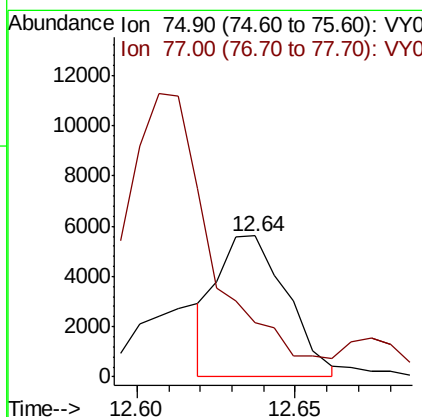
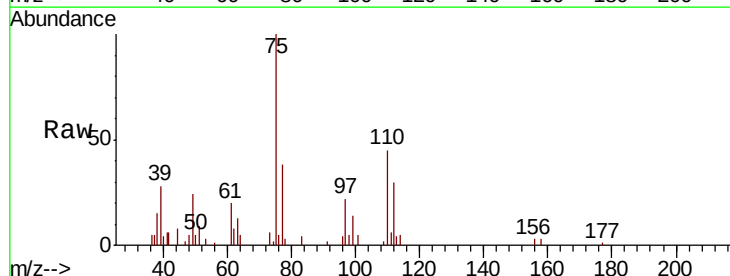
RT: 12.64 min Scan# 1788

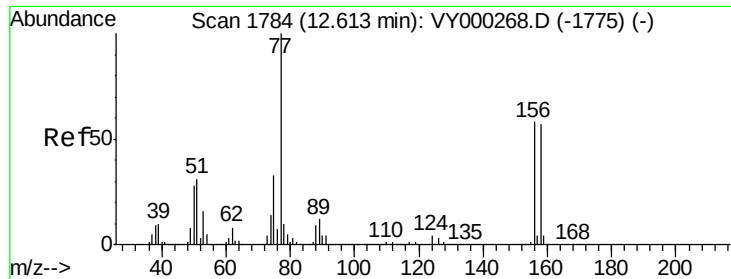
Delta R.T. -0.00 min

Lab File: VY000369.D

Acq: 22 Oct 2019 17:16

Tgt Ion:	75	Resp:	8591
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 50.135 ug/l

RT: 12.61 min Scan# 1784

Delta R.T. -0.00 min

Lab File: VY000369.D

Acq: 22 Oct 2019 17:16

Instrument :

MSVOA_Y

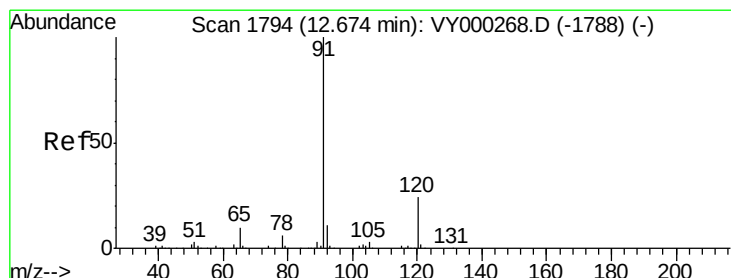
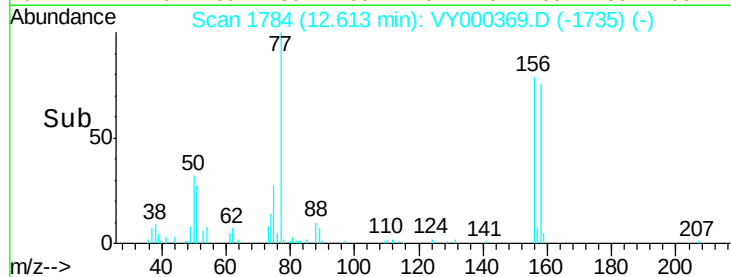
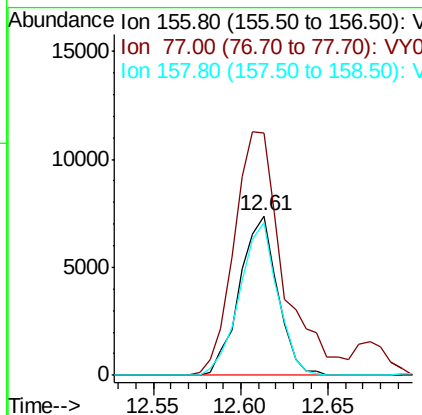
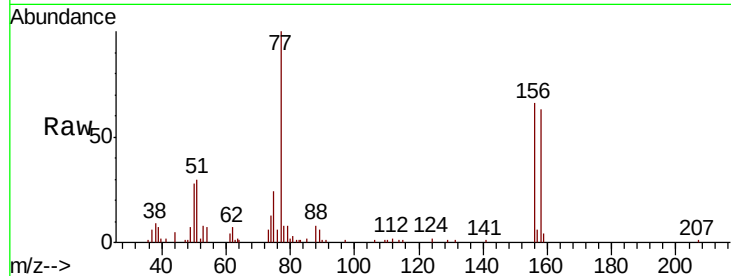
ClientSampleId :

TP1-2FTMS

Tot Ion	Ion	Ratio	Lower	Upper
156	100			
77	199.9	101.0	302.9	
158	95.8	49.7	149.1	

Manual Integrations
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#78

n-propylbenzene

Concen: 47.302 ug/l

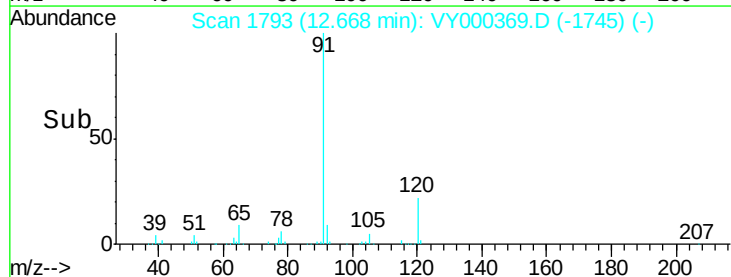
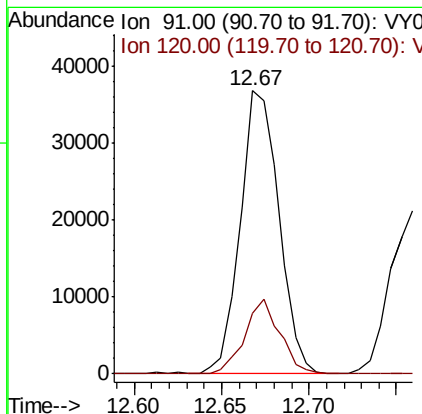
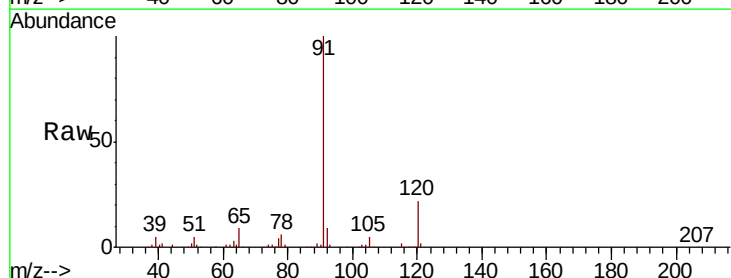
RT: 12.67 min Scan# 1793

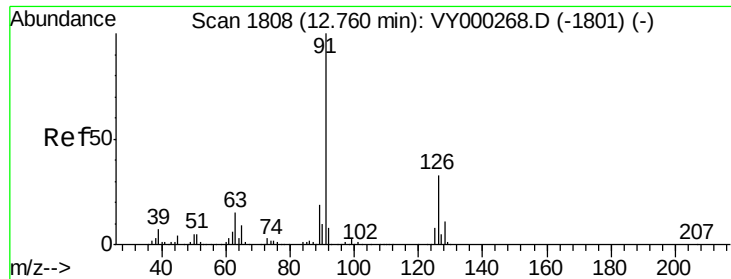
Delta R.T. -0.01 min

Lab File: VY000369.D

Acq: 22 Oct 2019 17:16

Tgt Ion	Ion	Ratio	Lower	Upper
91	100			
120	24.1	11.5	34.5	





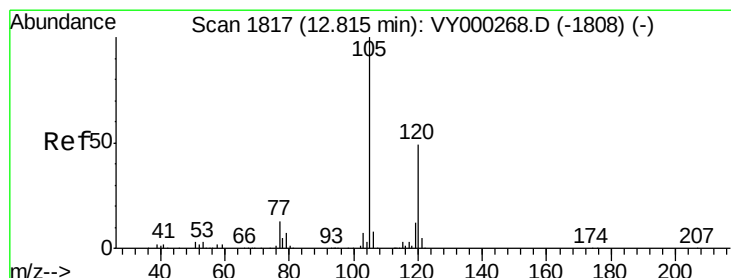
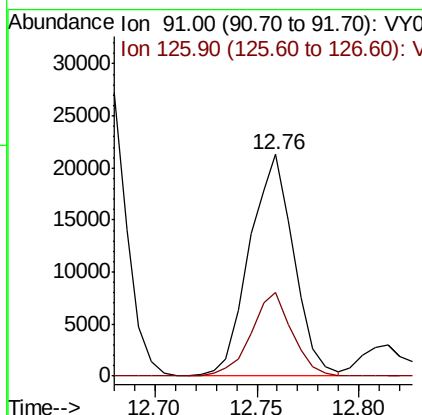
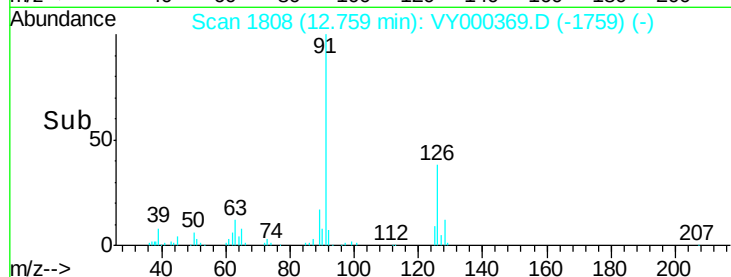
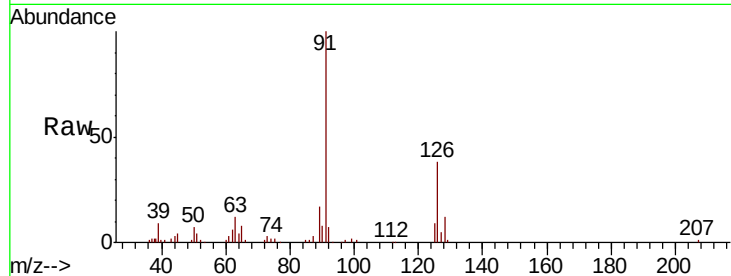
#79
 2-Chlorotoluene
 Concen: 48.620 ug/l
 RT: 12.76 min Scan# 1808
 Delta R.T. -0.00 min
 Lab File: VY000369.D
 Acq: 22 Oct 2019 17:16

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP1-2FTMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
91	100		32111		
126	35.1		17.1	51.3	

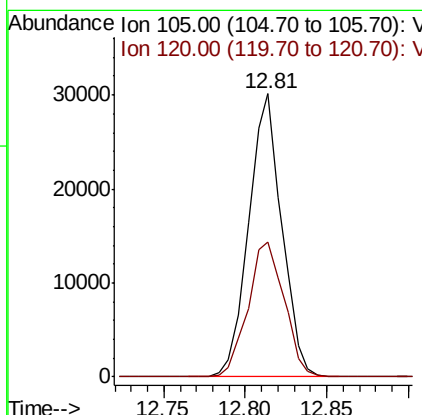
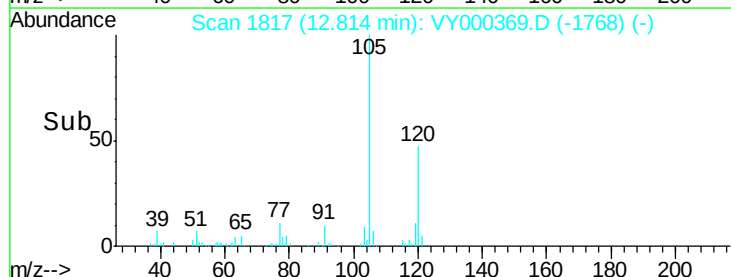
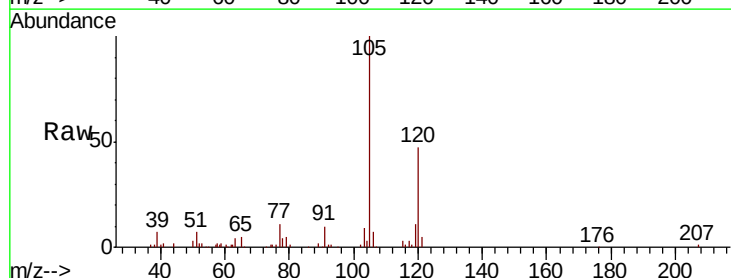
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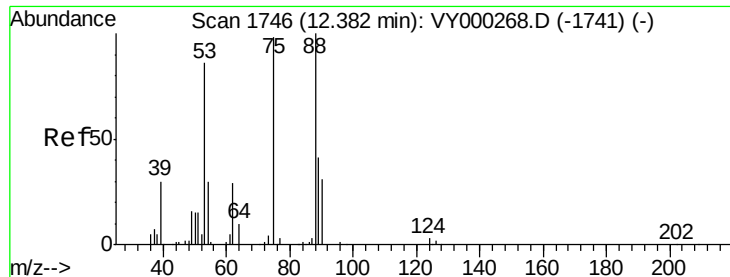
MMDadoda
 10/24/2019 4:34:14 PM



#80
 1,3,5-Trimethylbenzene
 Concen: 51.048 ug/l
 RT: 12.81 min Scan# 1817
 Delta R.T. -0.00 min
 Lab File: VY000369.D
 Acq: 22 Oct 2019 17:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		42635		
120	51.9		24.9	74.8	





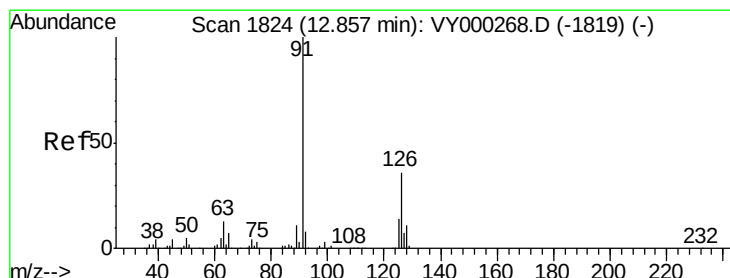
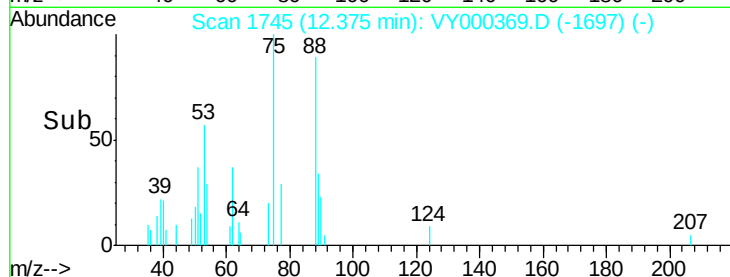
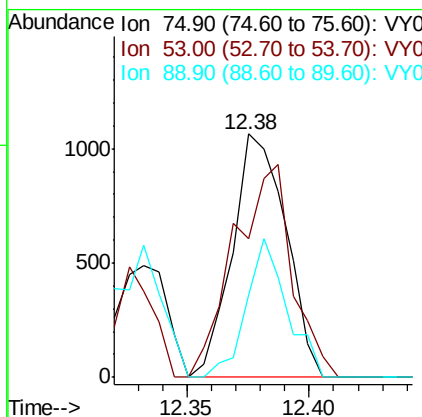
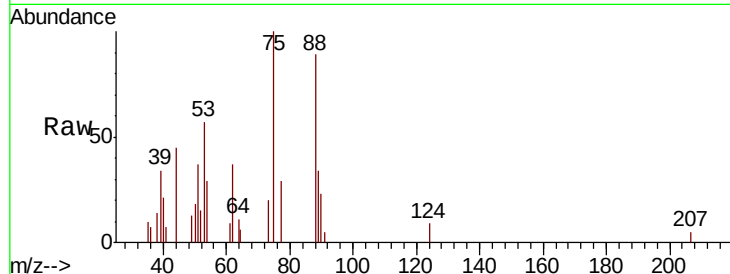
#81
trans-1,4-Dichloro-2-butene
Concen: 22.593 ug/l
RT: 12.38 min Scan# 1745
Delta R.T. -0.01 min
Lab File: VY000369.D
Acq: 22 Oct 2019 17:16

Instrument :
MSVOA_Y
ClientSampleId :
TP1-2FTMS

Tot Ion	Ratio	Lower	Upper
75	100		
53	95.1	71.3	106.9
89	43.3	35.1	52.7

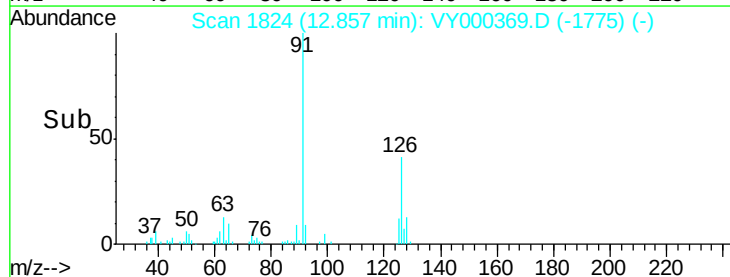
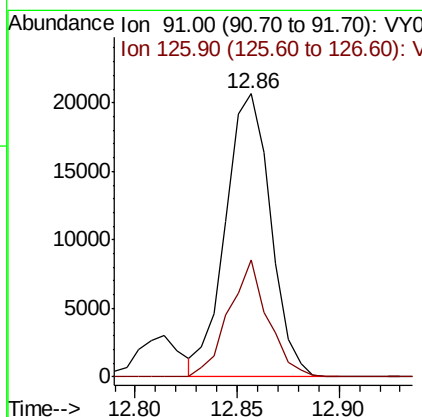
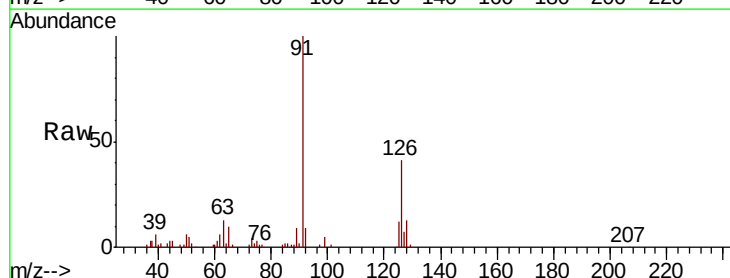
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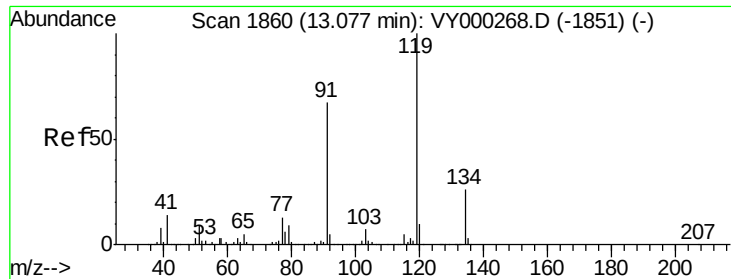
MMDadoda
10/24/2019 4:34:14 PM



#82
4-Chlorotoluene
Concen: 45.311 ug/l
RT: 12.86 min Scan# 1824
Delta R.T. -0.00 min
Lab File: VY000369.D
Acq: 22 Oct 2019 17:16

Tgt Ion	Ratio	Lower	Upper
91	100		
126	36.0	17.2	51.5





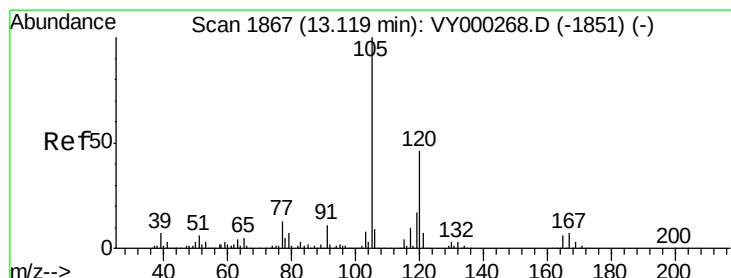
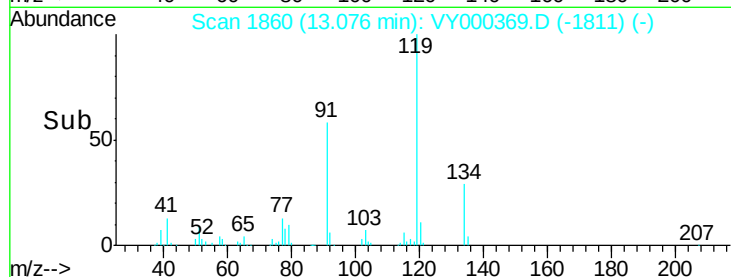
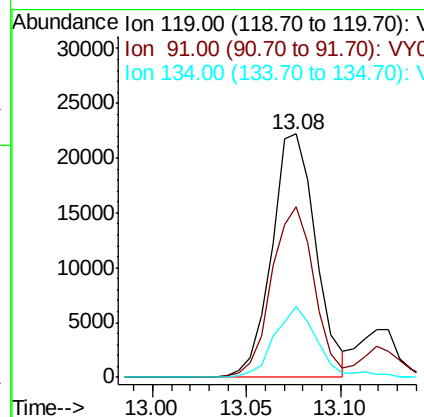
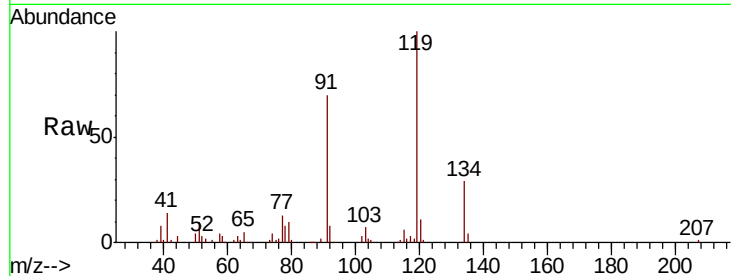
#83
 tert-Butylbenzene
 Concen: 50.855 ug/l
 RT: 13.08 min Scan# 1860
 Delta R.T. -0.00 min
 Lab File: VY000369.D
 Acq: 22 Oct 2019 17:16

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP1-2FTMS

Tot Ion	Ratio	Lower	Upper
119	100		
91	67.8	32.9	98.7
134	27.5	13.3	39.8

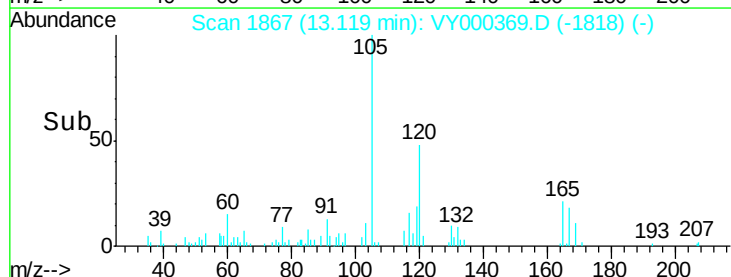
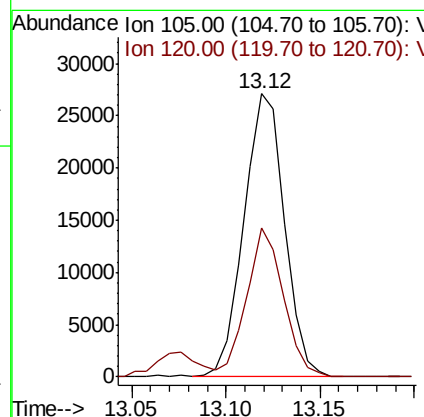
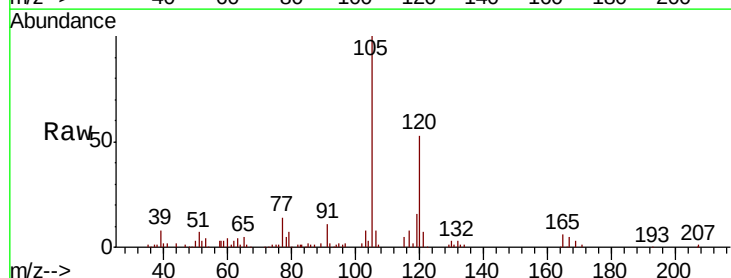
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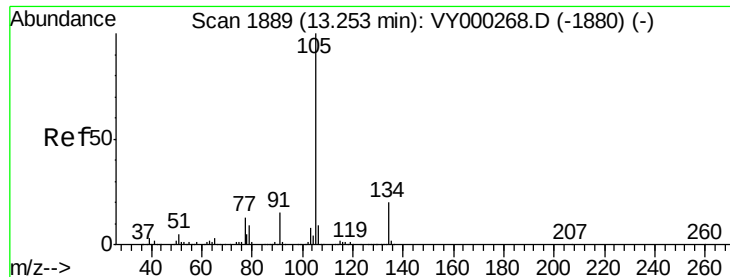
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#84
 1,2,4-Trimethylbenzene
 Concen: 49.130 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VY000369.D
 Acq: 22 Oct 2019 17:16

Tgt Ion	Ratio	Lower	Upper
105	100		
120	47.8	22.9	68.8





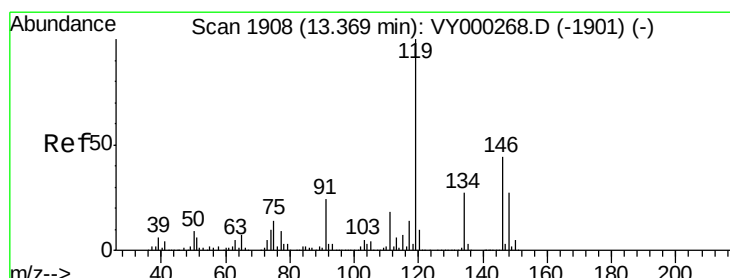
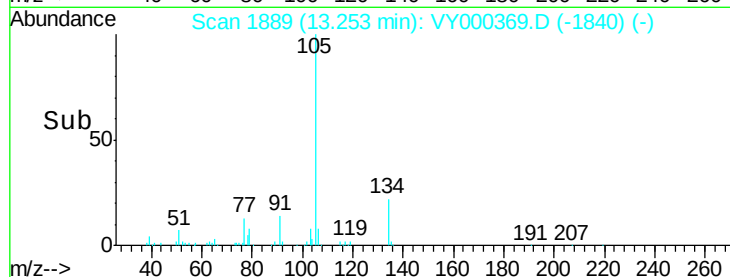
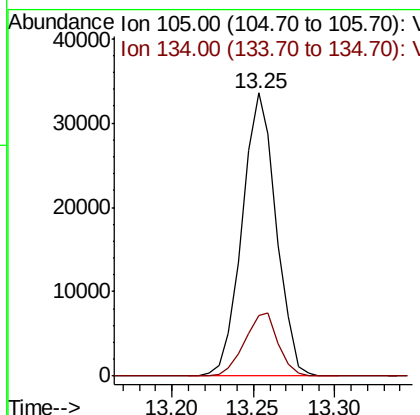
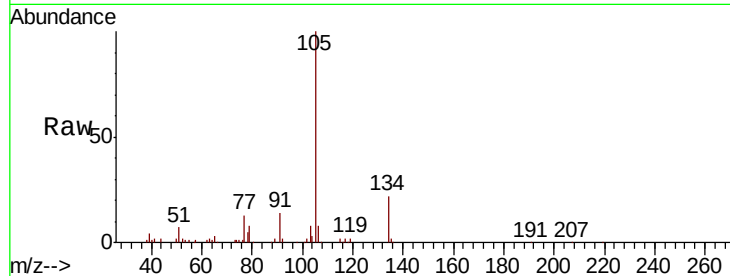
#85
 sec-Butylbenzene
 Concen: 47.626 ug/l
 RT: 13.25 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VY000369.D
 Acq: 22 Oct 2019 17:16

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP1-2FTMS

Tot Ion	Ratio	Lower	Upper
105	100		
134	22.1	10.1	30.1

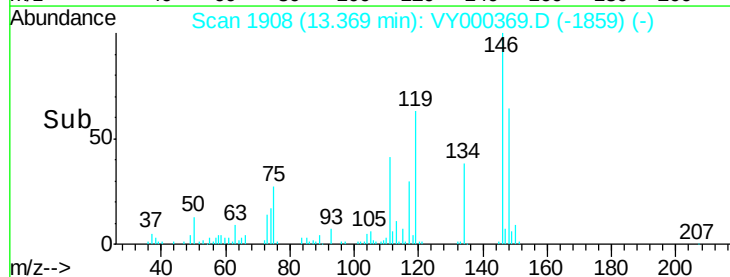
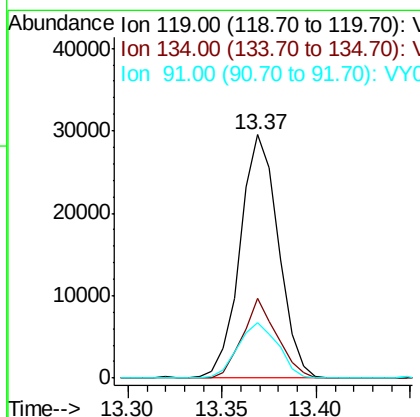
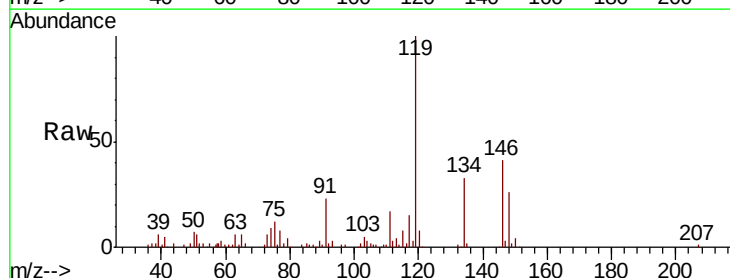
Manual Integrations
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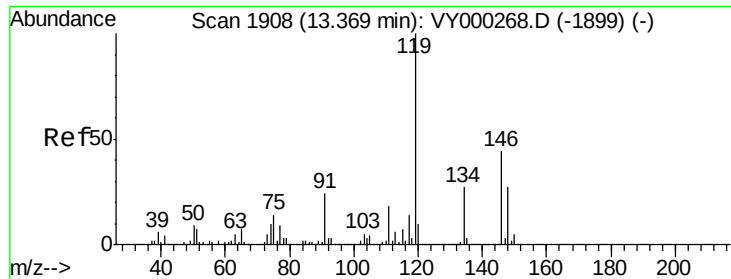
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#86
 p-Isopropyltoluene
 Concen: 46.594 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. -0.00 min
 Lab File: VY000369.D
 Acq: 22 Oct 2019 17:16

Tgt Ion	Ratio	Lower	Upper
119	100		
134	29.4	13.6	40.8
91	23.6	12.0	36.1





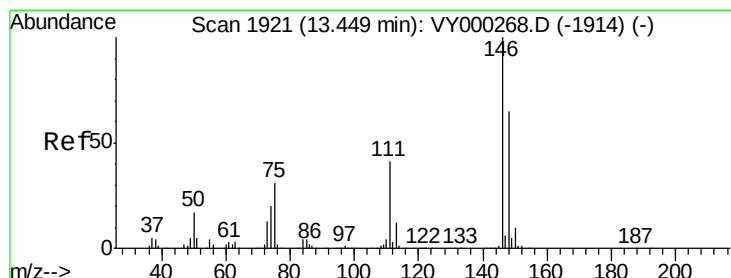
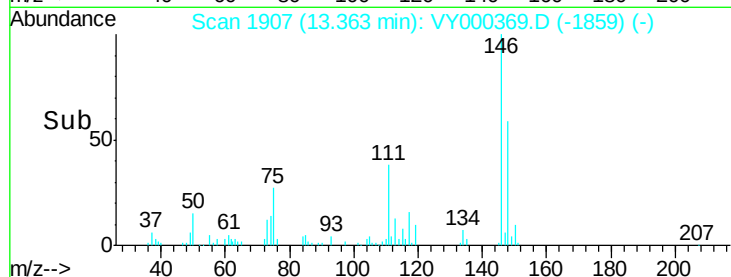
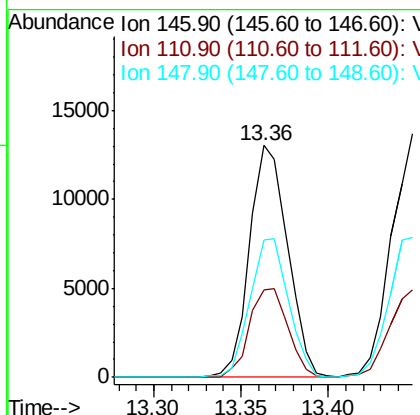
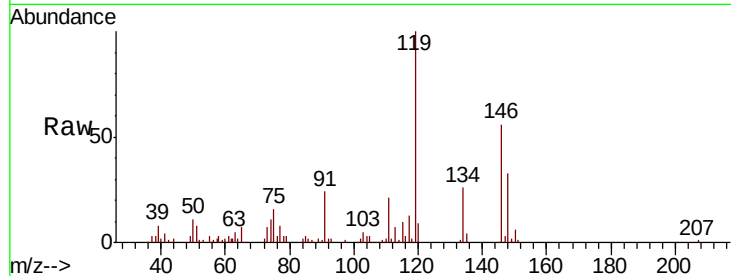
#87
 1,3-Dichlorobenzene
 Concen: 45.208 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.01 min
 Lab File: VY000369.D
 Acq: 22 Oct 2019 17:16

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP1-2FTMS

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.6	20.6	61.8
148	60.6	31.9	95.5

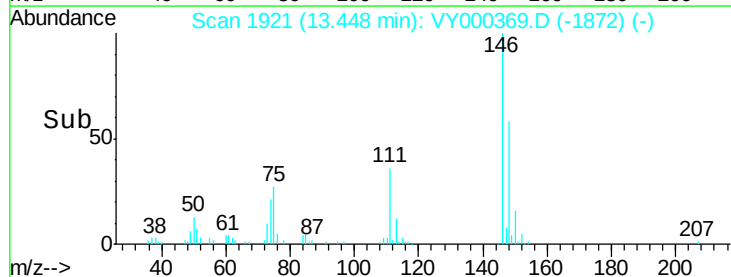
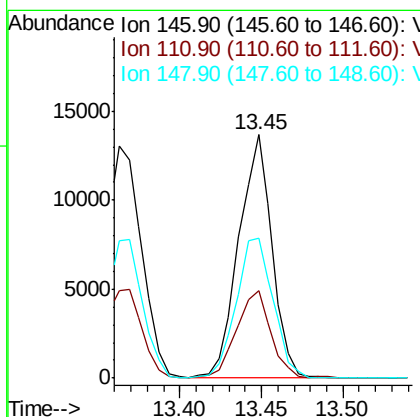
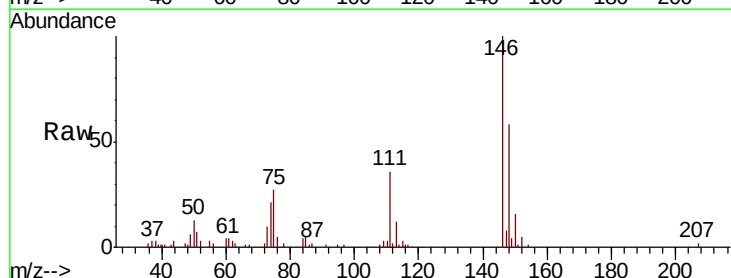
Manual Integrations
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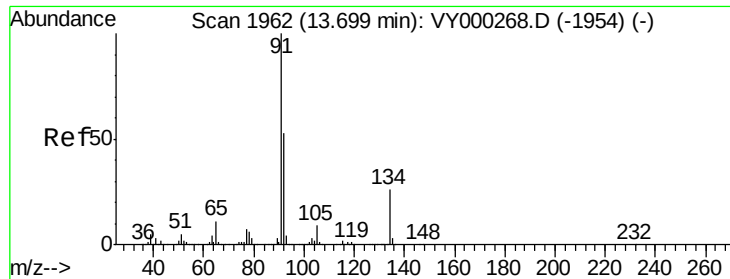
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#88
 1,4-Dichlorobenzene
 Concen: 44.595 ug/l
 RT: 13.45 min Scan# 1921
 Delta R.T. -0.00 min
 Lab File: VY000369.D
 Acq: 22 Oct 2019 17:16

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.9	20.1	60.2
148	63.9	32.4	97.2





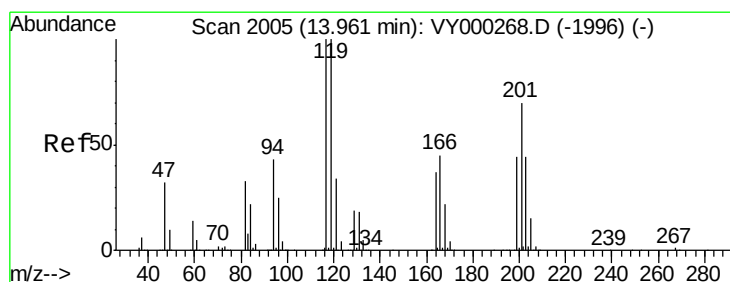
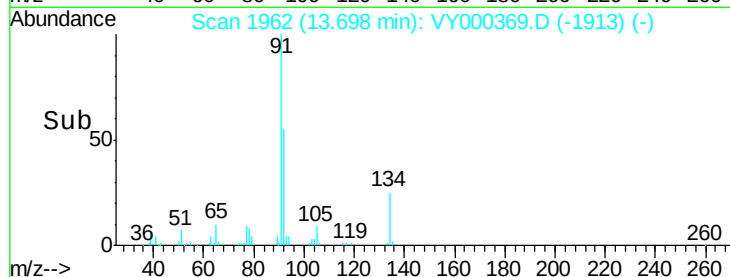
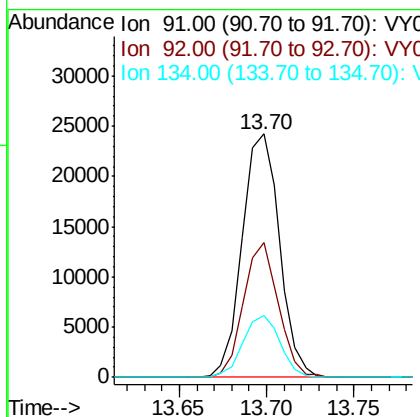
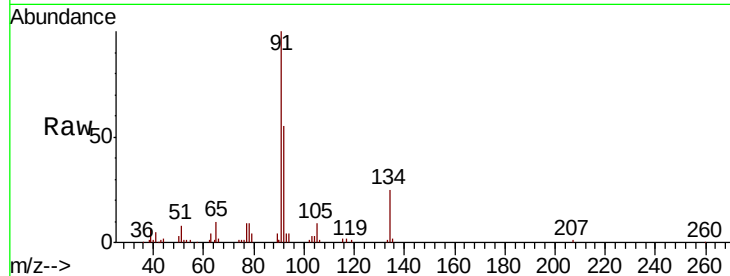
#89
n-Butylbenzene
Concen: 41.050 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. -0.00 min
Lab File: VY000369.D
Acq: 22 Oct 2019 17:16

Instrument :
MSVOA_Y
ClientSampleId :
TP1-2FTMS

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.8	26.7	80.1
134	25.2	13.0	38.9

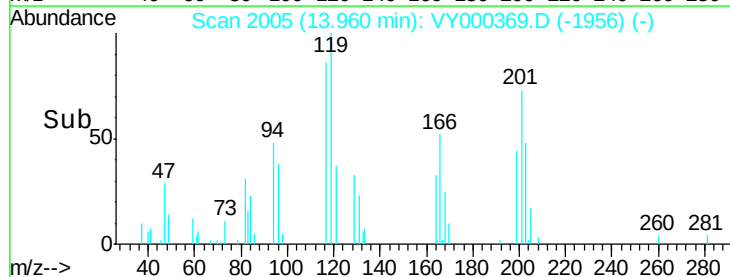
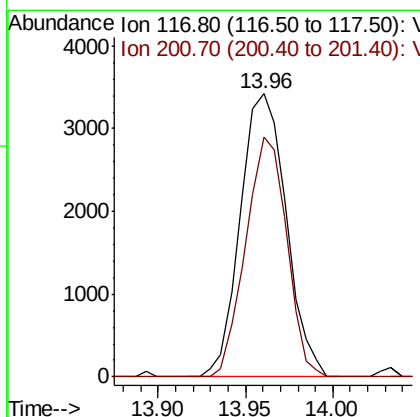
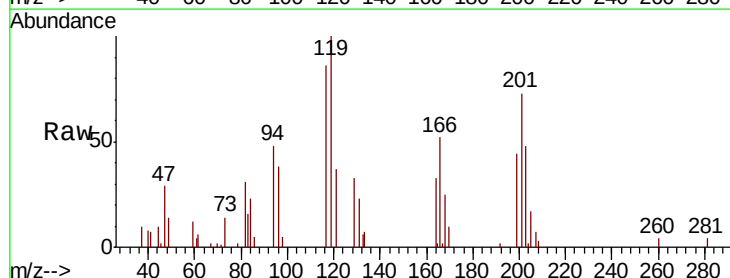
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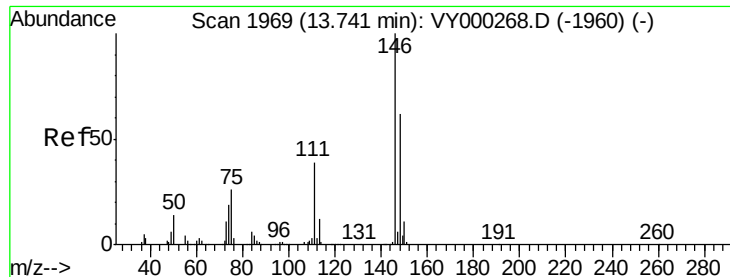
MMDadoda
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#90
Hexachloroethane
Concen: 37.760 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.00 min
Lab File: VY000369.D
Acq: 22 Oct 2019 17:16

Tgt Ion	Ratio	Lower	Upper
117	100		
201	75.8	36.3	108.7





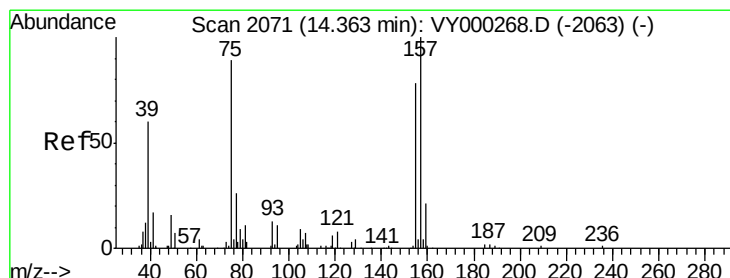
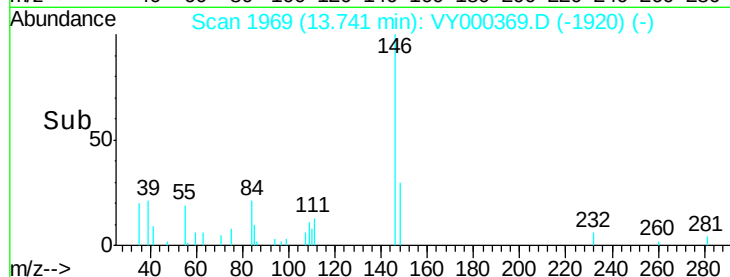
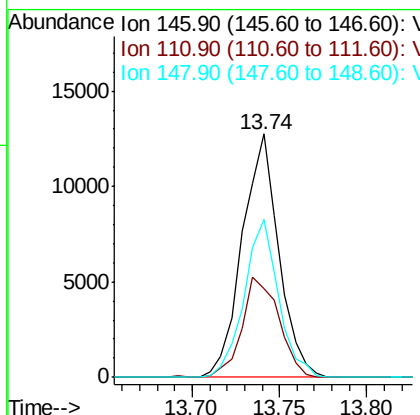
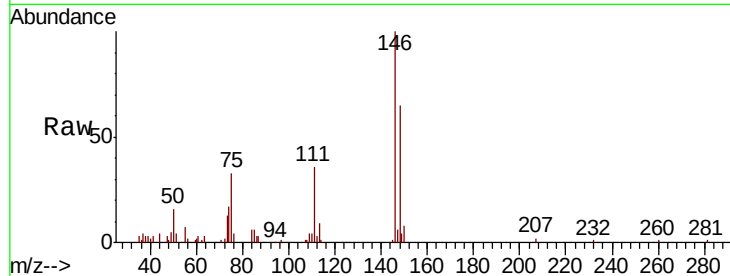
#91
 1,2-Dichlorobenzene
 Concen: 46.837 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. -0.00 min
 Lab File: VY000369.D
 Acq: 22 Oct 2019 17:16

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP1-2FTMS

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.5	20.5	61.5
148	61.1	31.6	95.0

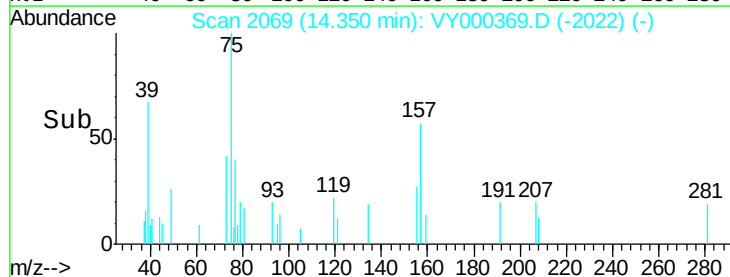
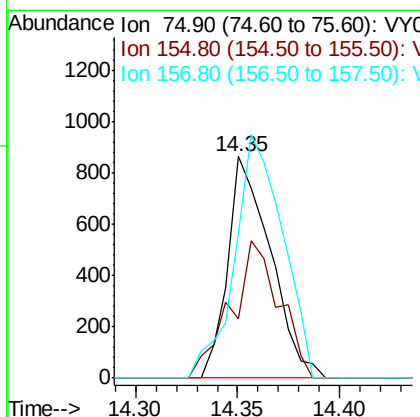
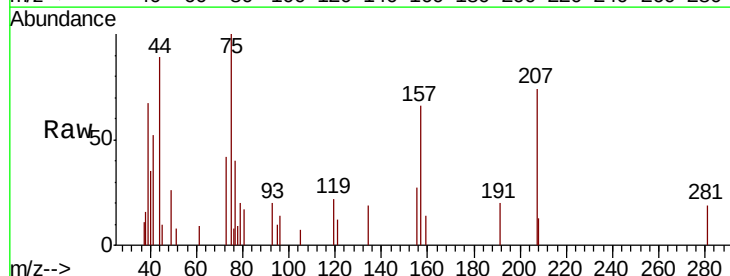
Manual Integrations
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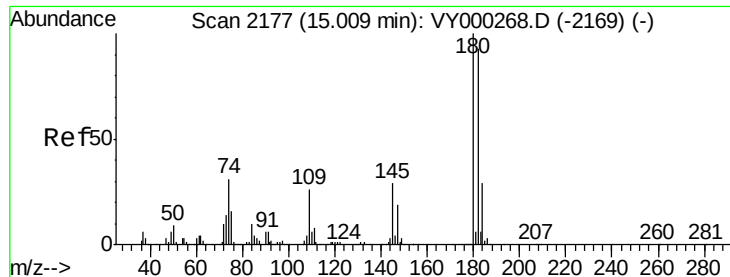
MMDadoda
 10/24/2019 4:34:14 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 35.271 ug/l
 RT: 14.35 min Scan# 2069
 Delta R.T. -0.01 min
 Lab File: VY000369.D
 Acq: 22 Oct 2019 17:16

Tgt Ion	Ratio	Lower	Upper
75	100		
155	70.1	45.8	137.3
157	124.4	55.6	166.9





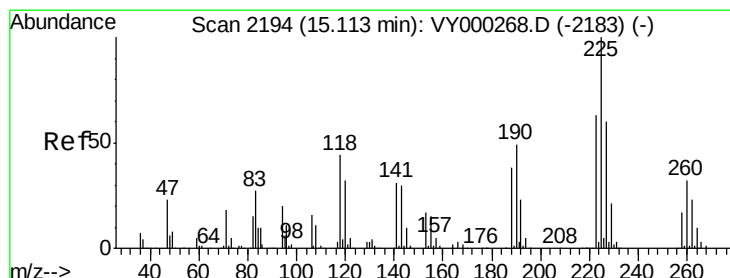
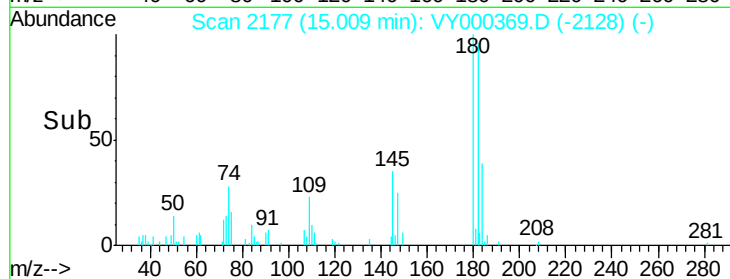
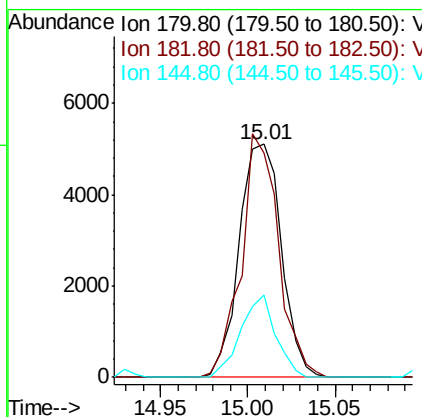
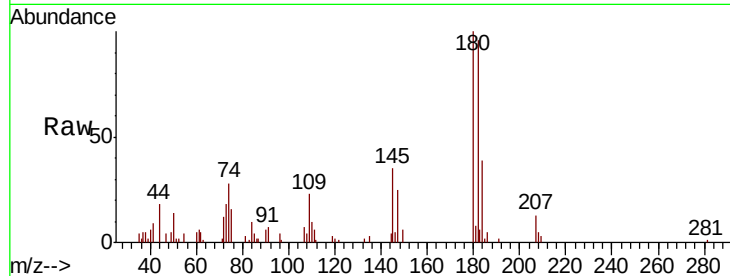
#93
 1,2,4-Trichlorobenzene
 Concen: 31.186 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. -0.00 min
 Lab File: VY000369.D
 Acq: 22 Oct 2019 17:16

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP1-2FTMS

Tot Ion	Ratio	Resp	Lower	Upper
180	100	8581		
182	91.8	47.5	142.6	
145	29.3	15.4	46.1	

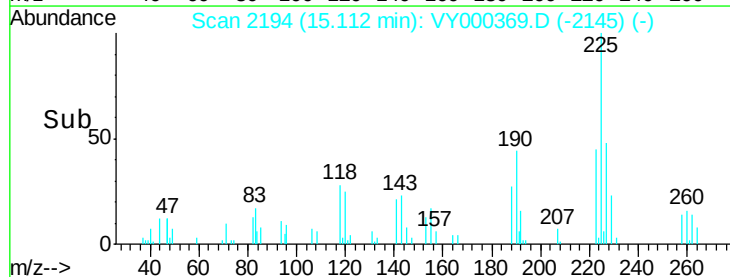
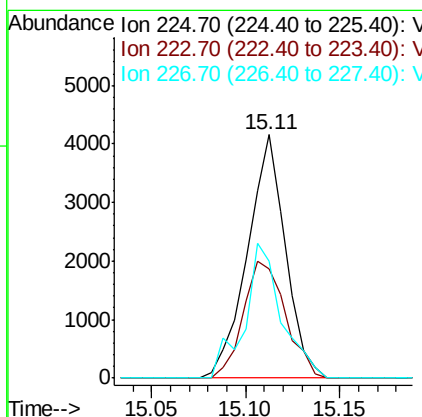
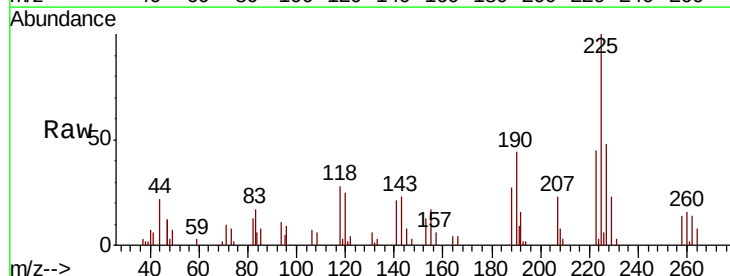
Manual Integrations
 APPROVED

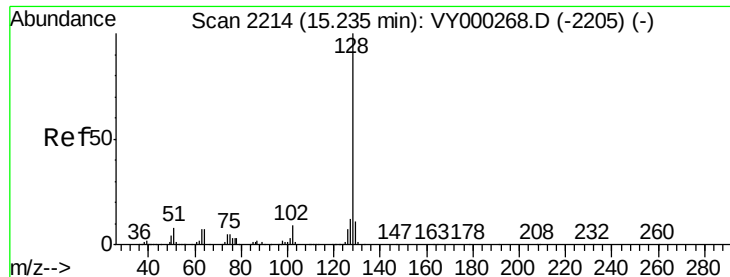
MMDadoda
 10/24/2019 4:34:14 PM



#94
 Hexachlorobutadiene
 Concen: 38.971 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. -0.00 min
 Lab File: VY000369.D
 Acq: 22 Oct 2019 17:16

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	5803		
223	53.4	31.9	95.7	
227	54.1	31.4	94.2	





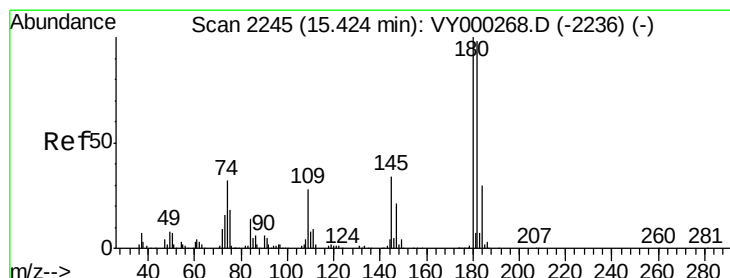
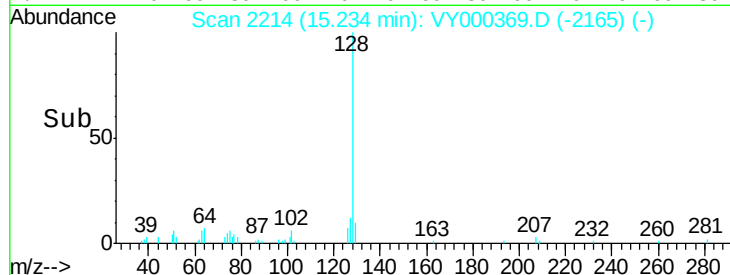
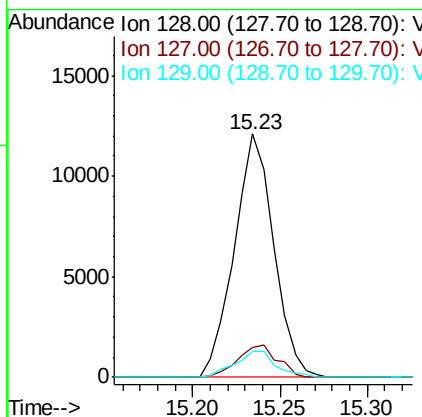
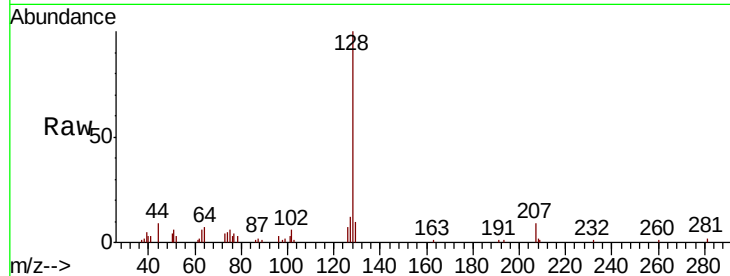
#95
Naphthalene
Concen: 30.962 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VY000369.D
Acq: 22 Oct 2019 17:16

Instrument :
MSVOA_Y
ClientSampleId :
TP1-2FTMS

Tot Ion	Ratio	Resp	Lower	Upper
128	100	19012		
127	13.4		9.6	14.4
129	11.0		8.7	13.1

Manual Integrations
APPROVED

MMDadoda
10/24/2019 4:34:14 PM



#96
1,2,3-Trichlorobenzene
Concen: 30.317 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. -0.00 min
Lab File: VY000369.D
Acq: 22 Oct 2019 17:16

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	7518		
182	97.6		46.5	139.5
145	30.4		16.2	48.5

