

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY102319\
 Data File : VY000383.D
 Acq On : 23 Oct 2019 16:00
 Operator : SY/MD
 Sample : K5494-02MS
 Misc : 6.58G/5ML/MSVOA Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP1-2FTMS

Manual Integrations
 APPROVED

MMDadoda
 10/24/2019 4:30:33 PM

Quant Time: Oct 24 05:06:13 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	221536	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	358260	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	317634	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	142543	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	122079	52.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.48%	
35) Dibromofluoromethane	7.73	113	109033	50.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.90%	
50) Toluene-d8	10.18	98	432545	52.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.06%	
62) 4-Bromofluorobenzene	12.48	95	146801	46.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	77445	43.710	ug/l	96
3) Chloromethane	2.11	50	143695	53.081	ug/l	95
4) Vinyl Chloride	2.25	62	126305	46.231	ug/l	90
5) Bromomethane	2.65	94	71333	35.230	ug/l	100
6) Chloroethane	2.79	64	85006	48.222	ug/l	93
7) Trichlorofluoromethane	3.13	101	186558	49.920	ug/l	99
8) Diethyl Ether	3.54	74	72921	55.234	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.90	101	116788	51.530	ug/l	98
10) Methyl Iodide	4.10	142	117861	36.830	ug/l	99
11) Tert butyl alcohol	4.97	59	61205	250.272	ug/l	99
12) 1,1-Dichloroethene	3.87	96	110715	49.483	ug/l	95
13) Acrolein	3.74	56	29792	103.908	ug/l	98
14) Allyl chloride	4.48	41	194898	52.564	ug/l	98
15) Acrylonitrile	5.18	53	189275	256.139	ug/l	96
16) Acetone	3.95	43	173368	229.088	ug/l	100
17) Carbon Disulfide	4.19	76	298049	42.308	ug/l	98
18) Methyl Acetate	4.48	43	234893	124.924	ug/l	96
19) Methyl tert-butyl Ether	5.23	73	351247	56.393	ug/l	98
20) Methylene Chloride	4.72	84	129087	50.702	ug/l	98
21) trans-1,2-Dichloroethene	5.22	96	124332	48.434	ug/l #	87
22) Diisopropyl ether	6.13	45	426152	54.341	ug/l	91
23) Vinyl Acetate	6.07	43	253948	49.636	ug/l	98
24) 1,1-Dichloroethane	6.03	63	226795	52.982	ug/l	98
25) 2-Butanone	7.00	43	263037	246.739	ug/l	99
26) 2,2-Dichloropropane	6.99	77	202764	51.406	ug/l	100
27) cis-1,2-Dichloroethene	6.99	96	146482	52.734	ug/l	98
28) Bromochloromethane	7.35	49	93641	50.958	ug/l	96
29) Tetrahydrofuran	7.36	42	170623	264.094	ug/l	98
30) Chloroform	7.52	83	239814	55.630	ug/l	98
31) Cyclohexane	7.80	56	208403	46.614	ug/l	99
32) 1,1,1-Trichloroethane	7.71	97	208789	54.478	ug/l	99
36) 1,1-Dichloropropene	7.93	75	173765	49.540	ug/l	98
37) Ethyl Acetate	7.08	43	79743	38.395	ug/l	98
38) Carbon Tetrachloride	7.91	117	181653	53.488	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	219339	47.778	ug/l	97
40) Benzene	8.17	78	542778	53.547	ug/l	99
41) Methacrylonitrile	7.36	41	152656	154.414	ug/l #	25
42) 1,2-Dichloroethane	8.25	62	160572	55.456	ug/l	99
43) Isopropyl Acetate	8.28	43	181264	45.900	ug/l	98
44) Trichloroethene	8.94	130	147248	51.772	ug/l	98
45) 1,2-Dichloropropane	9.22	63	139552	56.100	ug/l	95
46) Dibromomethane	9.32	93	77813	55.957	ug/l	95
47) Bromodichloromethane	9.50	83	187403	57.184	ug/l	99
48) Methyl methacrylate	9.30	41	114662	66.252	ug/l	99
49) 1,4-Dioxane	9.30	88	22167	1063.162	ug/l	94
51) 4-Methyl-2-Pentanone	10.08	43	574821	282.213	ug/l	99
52) Toluene	10.25	92	341711	53.097	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	190110	54.129	ug/l	97
54) cis-1,3-Dichloropropene	9.93	75	218387	54.753	ug/l	99
55) 1,1,2-Trichloroethane	10.65	97	112957	55.868	ug/l	96
56) Ethyl methacrylate	10.51	69	119302	41.397	ug/l	99
57) 1,3-Dichloropropane	10.79	76	194656	56.059	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.79	63	349385	303.948	ug/l	99
59) 2-Hexanone	10.83	43	399551	279.469	ug/l	99
60) Dibromochloromethane	10.99	129	129114	57.615	ug/l	97
61) 1,2-Dibromoethane	11.09	107	105204	54.192	ug/l	98
64) Tetrachloroethene	10.72	164	150154	49.655	ug/l	99
65) Chlorobenzene	11.52	112	357950	53.398	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	134769	57.232	ug/l	100
67) Ethyl Benzene	11.60	91	657286	52.893	ug/l	100
68) m/p-Xylenes	11.70	106	506540	106.628	ug/l	100
69) o-Xylene	12.03	106	241666	53.326	ug/l	100
70) Styrene	12.04	104	402548	52.669	ug/l	99
71) Bromoform	12.20	173	76875	56.789	ug/l	100
73) Isopropylbenzene	12.33	105	644376	57.976	ug/l	100
74) N-amyl acetate	12.14	43	89255	32.711	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	128805	61.723	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	99773m	56.922	ug/l	
77) Bromobenzene	12.61	156	144773	58.536	ug/l	92
78) n-propylbenzene	12.67	91	748422	56.084	ug/l	99
79) 2-Chlorotoluene	12.75	91	427977	58.072	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	534579	57.359	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	47688	59.528	ug/l	99
82) 4-Chlorotoluene	12.85	91	431038	55.330	ug/l	100
83) tert-Butylbenzene	13.08	119	462580	58.611	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	535907	58.261	ug/l	100
85) sec-Butylbenzene	13.25	105	636071	55.711	ug/l	100
86) p-Isopropyltoluene	13.37	119	559400	56.200	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	259794	53.313	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	254425	52.236	ug/l	99
89) n-Butylbenzene	13.69	91	501995	51.034	ug/l	99
90) Hexachloroethane	13.96	117	109173	59.231	ug/l	98
91) 1,2-Dichlorobenzene	13.74	146	243230	55.155	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	22935	57.949	ug/l	95

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QLast Update : Thu Oct 17 02:03:07 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	125281	40.803	ug/l	100
94) Hexachlorobutadiene	15.11	225	65582	39.469	ug/l	99
95) Naphthalene	15.23	128	297499	43.418	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	110148	39.805	ug/l	98

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

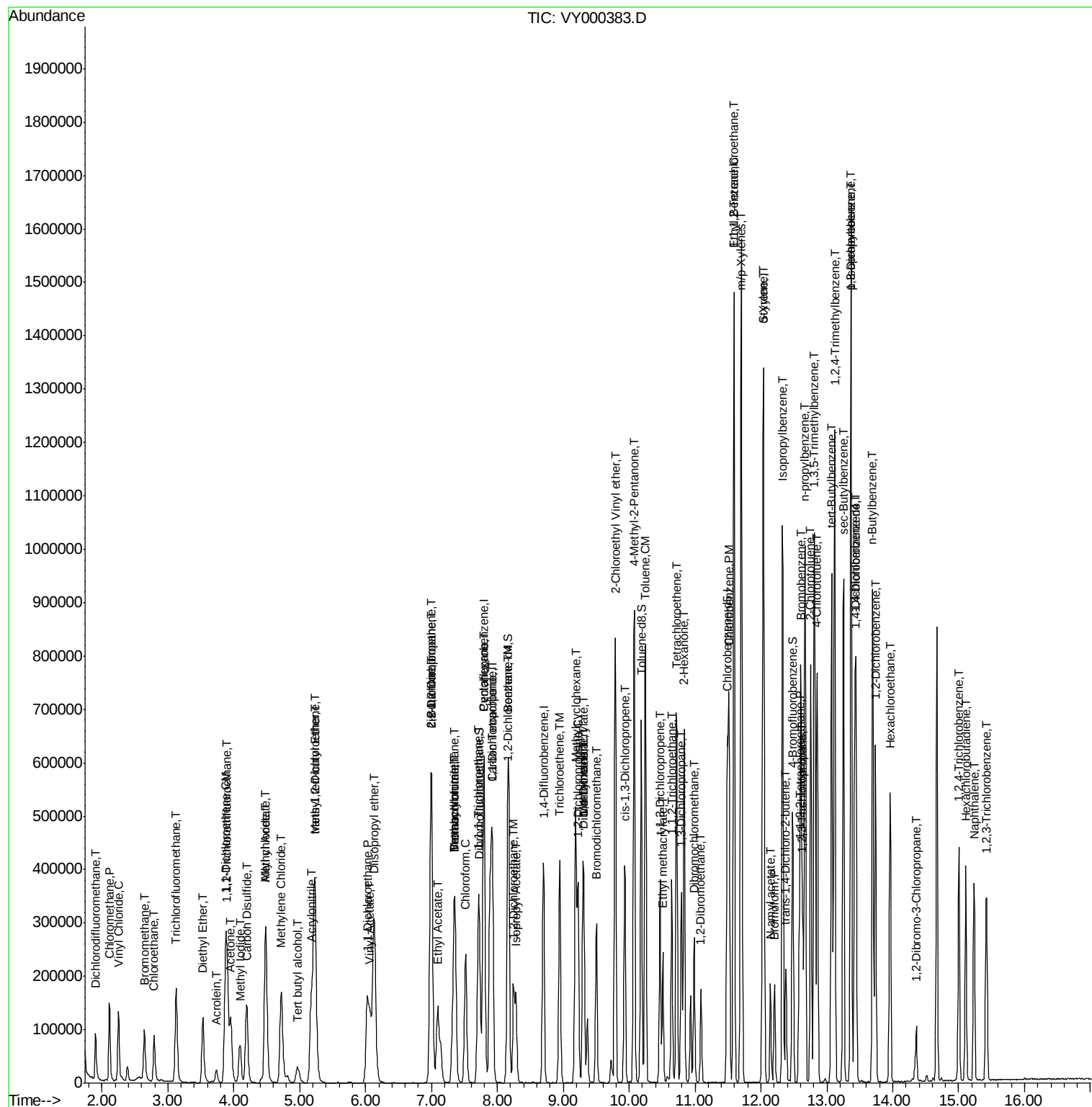
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY102319\
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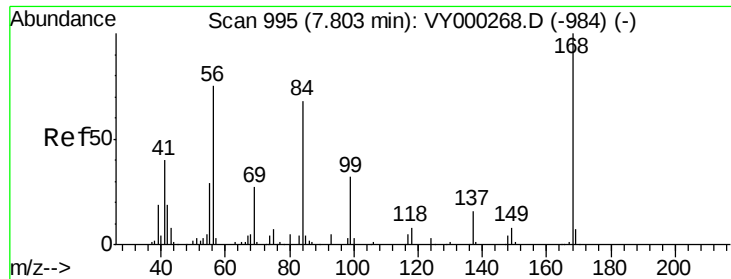
Instrument :
 MSVOA_Y
 ClientSampleId :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.00 min

Lab File: VY000383.D

Acq: 23 Oct 2019 16:00

Instrument :

MSVOA_Y

ClientSampleId :

TP1-2FTMS

Tot Ion:168 Resp: 221536

Ion Ratio Lower Upper

168 100

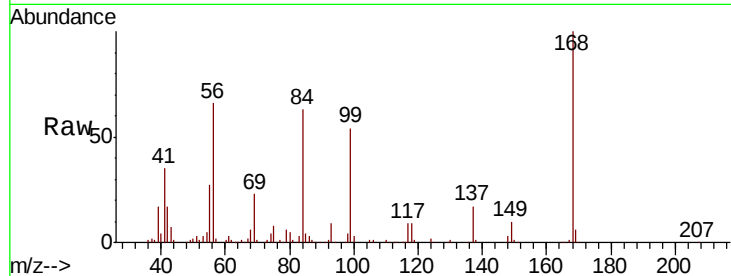
99 54.5 46.6 69.8

Manual Integrations

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MMDadoda

10/24/2019 4:30:33 PM



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

Ion 98.90 (98.60 to 99.60): VY000268.D (-984) (-)

7.80

100000

80000

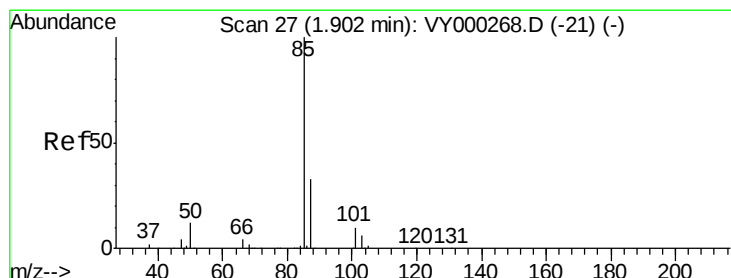
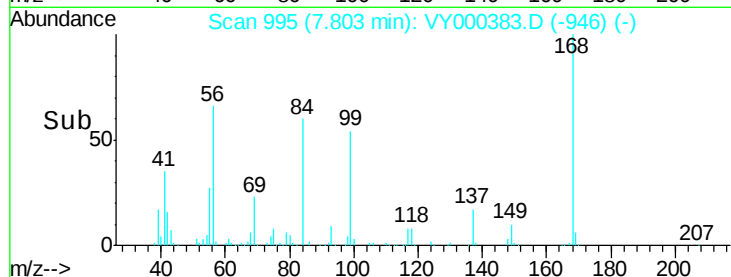
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 43.710 ug/l

RT: 1.90 min Scan# 27

Delta R.T. 0.00 min

Lab File: VY000383.D

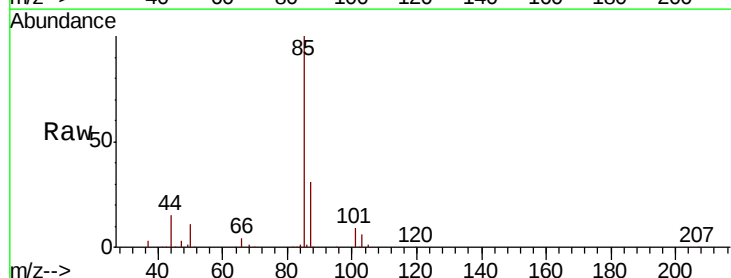
Acq: 23 Oct 2019 16:00

Tgt Ion: 85 Resp: 77445

Ion Ratio Lower Upper

85 100

87 31.0 16.6 49.8



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

Ion 86.90 (86.60 to 87.60): VY000268.D (-21) (-)

1.90

50000

40000

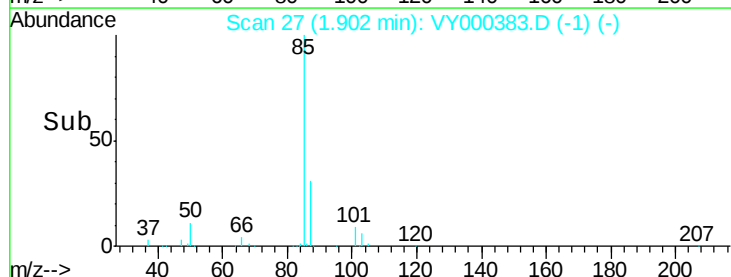
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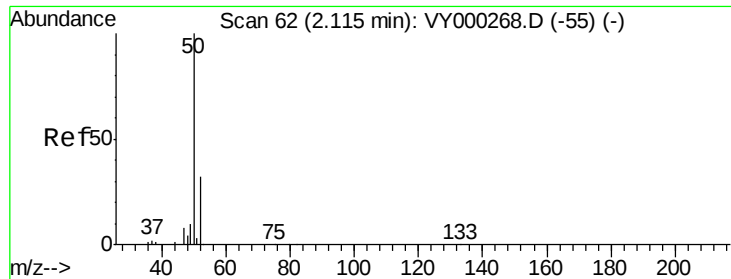
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10000

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Time-->





#3

Chloromethane

Concen: 53.081 ug/l

RT: 2.11 min Scan# 61

Delta R.T. -0.01 min

Lab File: VY000383.D

Acq: 23 Oct 2019 16:00

Instrument :

MSVOA_Y

ClientSampleId :

TP1-2FTMS

Tot Ion: 50 Resp: 143695

Ion Ratio Lower Upper

50 100

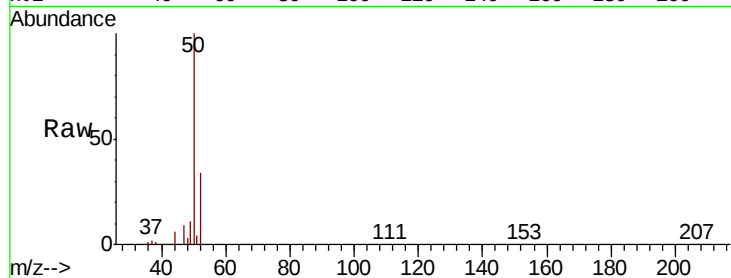
52 34.4 25.3 37.9

Manual Integrations

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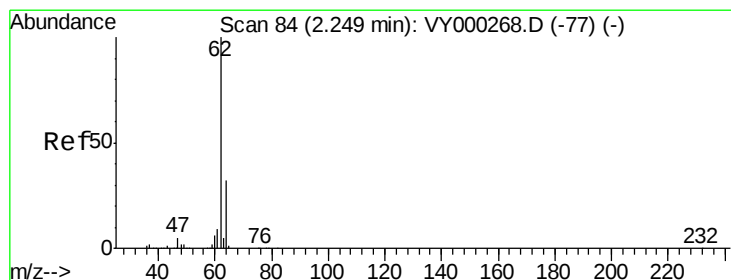
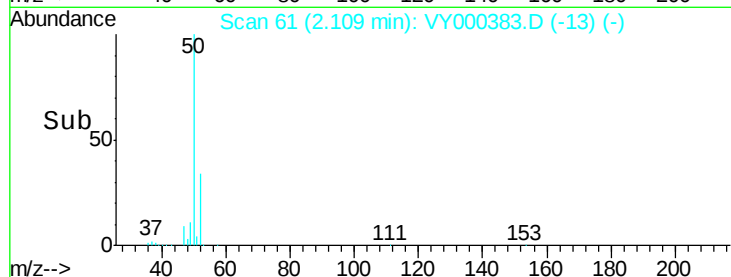
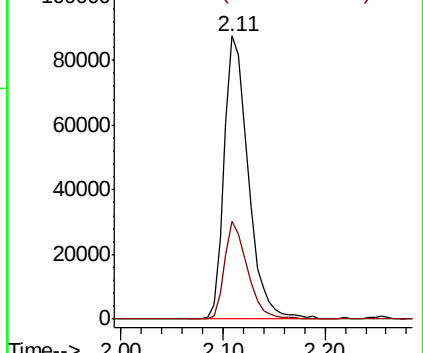
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Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 46.231 ug/l

RT: 2.25 min Scan# 84

Delta R.T. -0.00 min

Lab File: VY000383.D

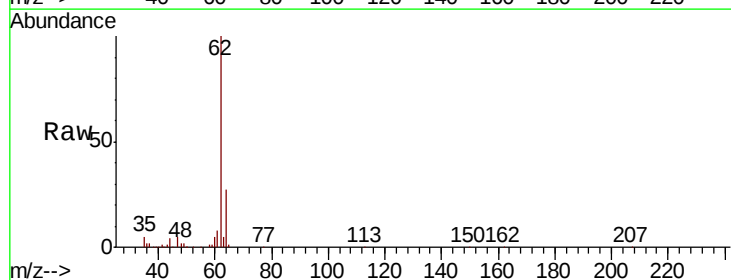
Acq: 23 Oct 2019 16:00

Tgt Ion: 62 Resp: 126305

Ion Ratio Lower Upper

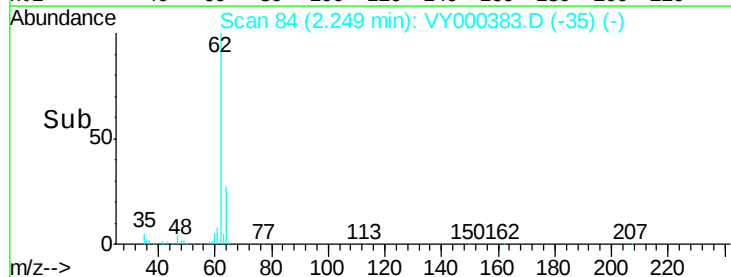
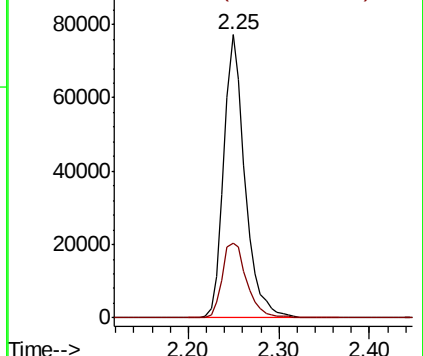
62 100

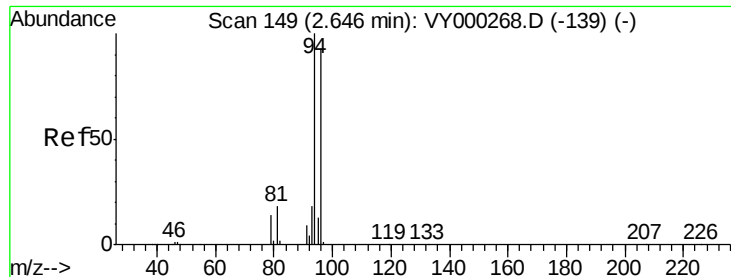
64 26.6 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 35.230 ug/l

RT: 2.65 min Scan# 149

Delta R.T. 0.00 min

Lab File: VY000383.D

Acq: 23 Oct 2019 16:00

Instrument :

MSVOA_Y

ClientSampleId :

TP1-2FTMS

Tot Ion: 94 Resp: 71333

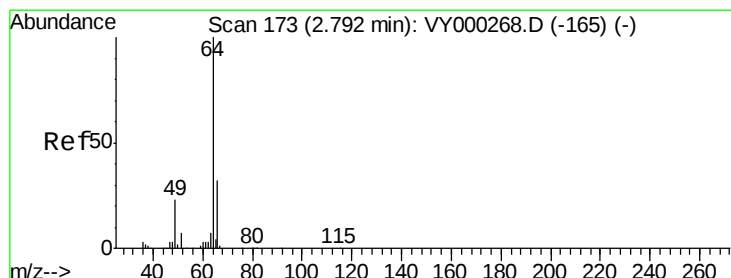
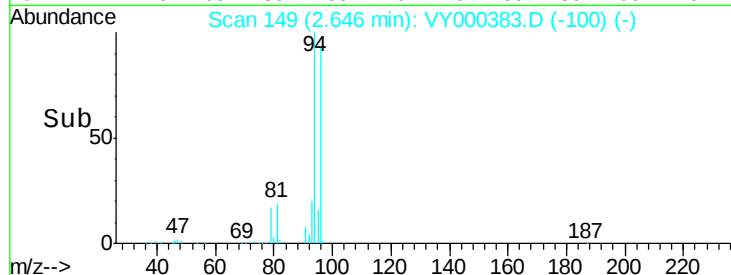
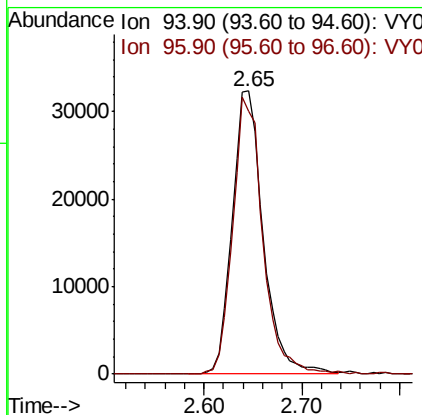
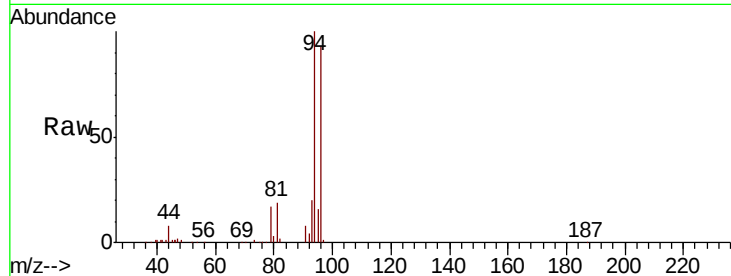
Ion Ratio Lower Upper

94 100

96 93.0 74.2 111.2

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#6

Chloroethane

Concen: 48.222 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.00 min

Lab File: VY000383.D

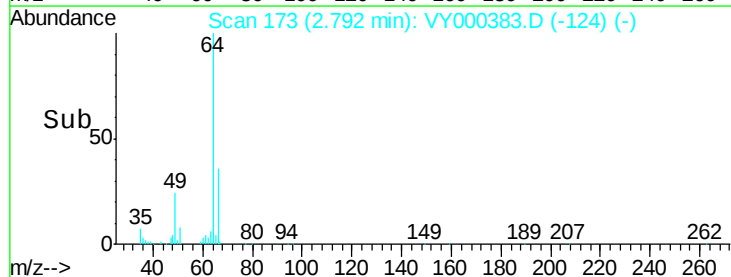
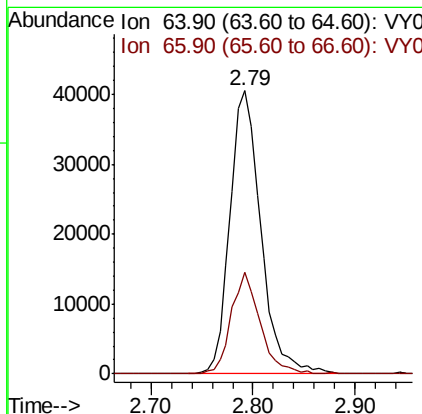
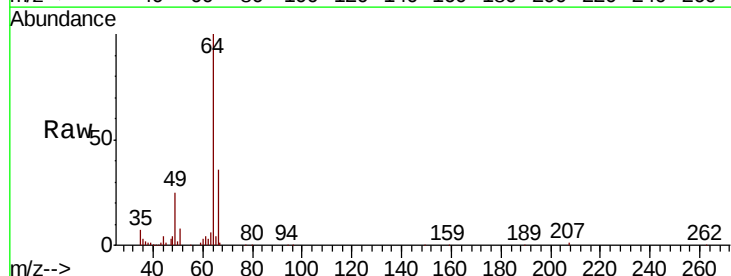
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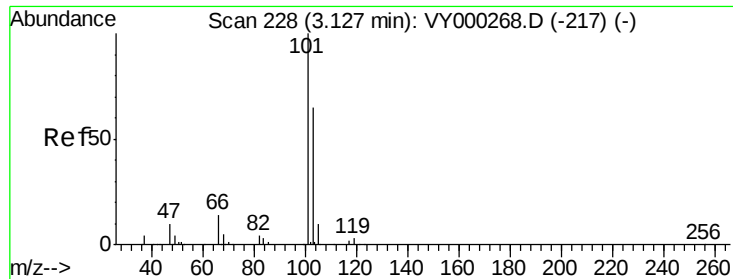
Tgt Ion: 64 Resp: 85006

Ion Ratio Lower Upper

64 100

66 35.8 25.6 38.4





#7

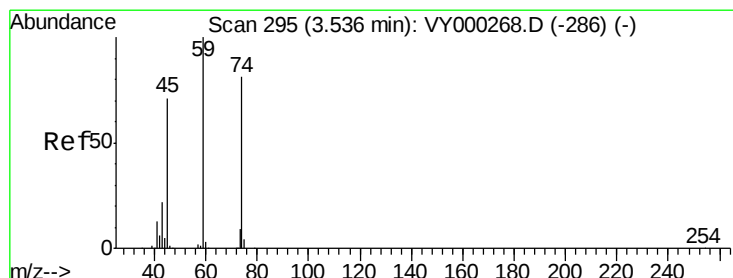
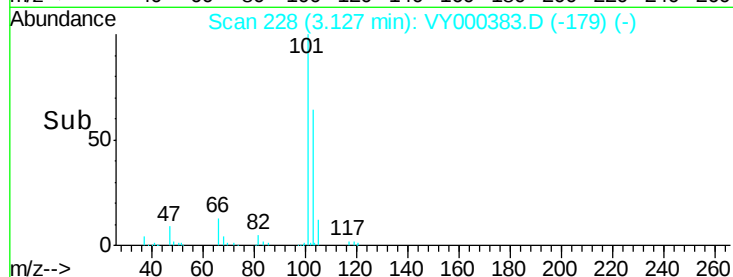
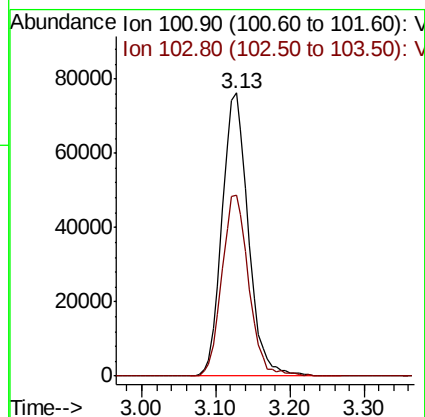
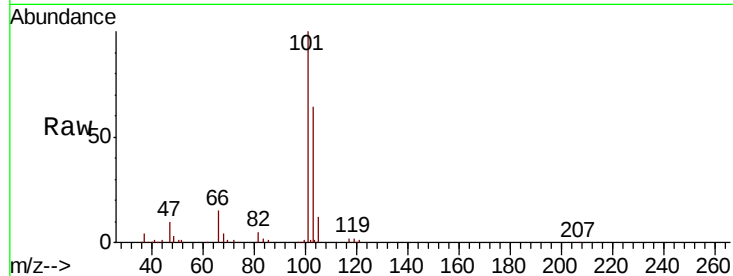
Trichlorofluoromethane
 Concen: 49.920 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. -0.00 min
 Lab File: VY000383.D
 Acq: 23 Oct 2019 16:00

Instrument :
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Tot Ion	Ratio	Resp	Lower	Upper
101	100	186558		
103	64.2	52.2	78.4	

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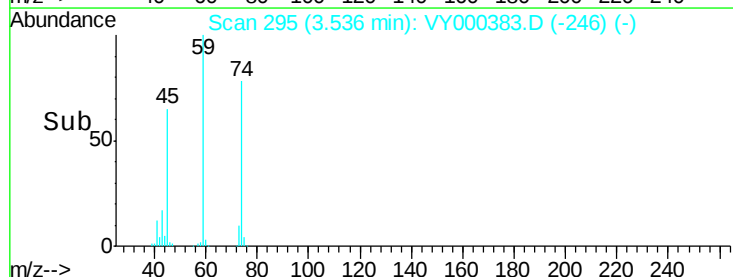
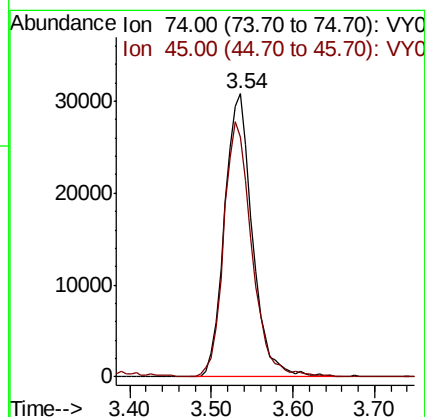
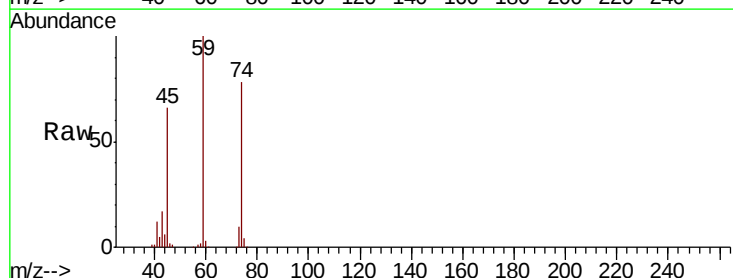
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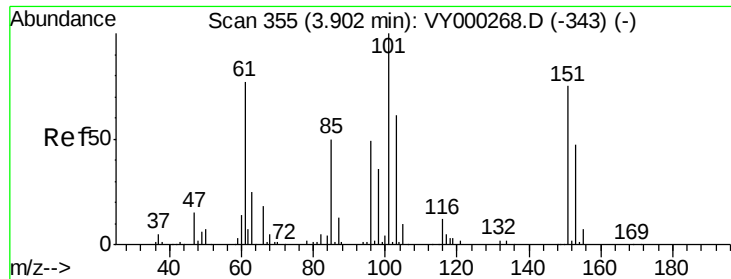


#8

Diethyl Ether
 Concen: 55.234 ug/l
 RT: 3.54 min Scan# 295
 Delta R.T. -0.00 min
 Lab File: VY000383.D
 Acq: 23 Oct 2019 16:00

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	72921		
45	90.8	47.1	141.4	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.530 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.00 min

Lab File: VY000383.D

Acq: 23 Oct 2019 16:00

Instrument :

MSVOA_Y

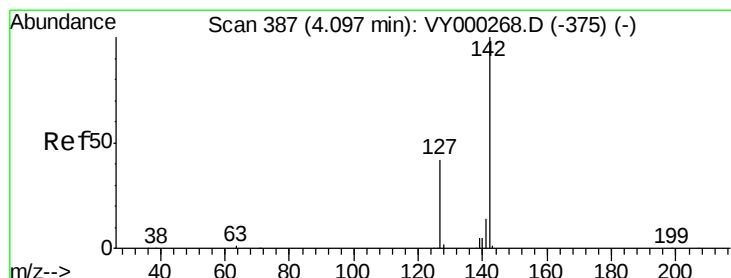
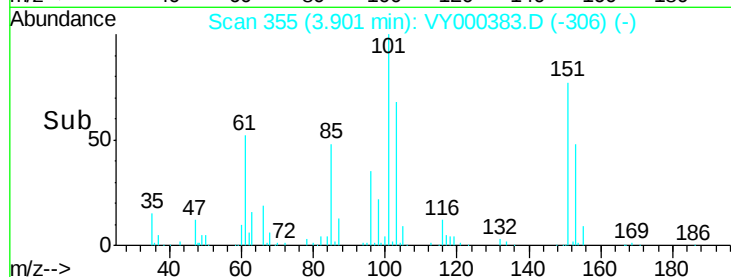
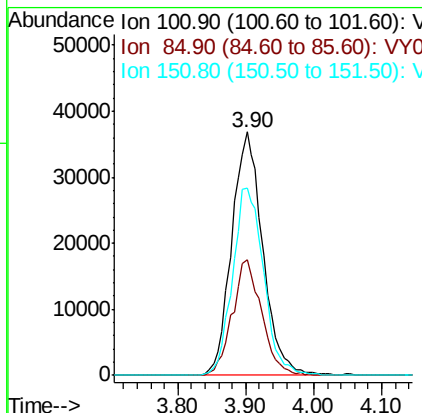
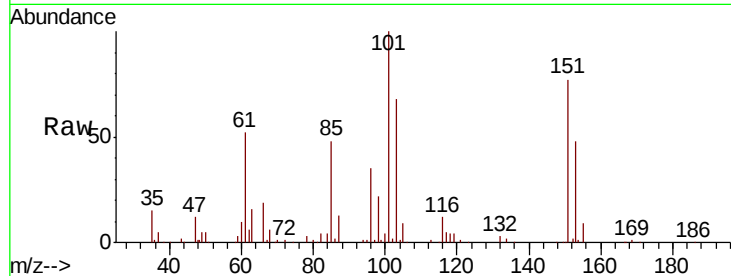
ClientSampleId :

TP1-2FTMS

Tot Ion:	101	Resp:	116788
Ion Ratio	Lower	Upper	
101	100		
85	44.9	36.6	55.0
151	77.0	63.1	94.7

Manual Integrations
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#10

Methyl Iodide

Concen: 36.830 ug/l

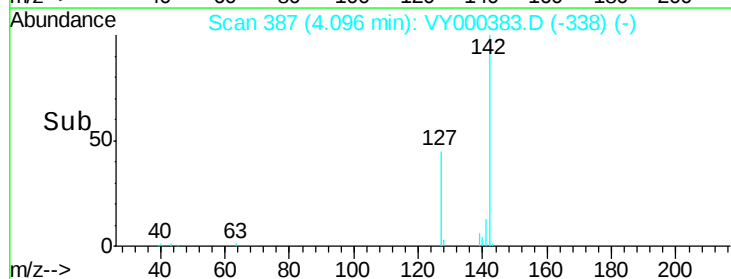
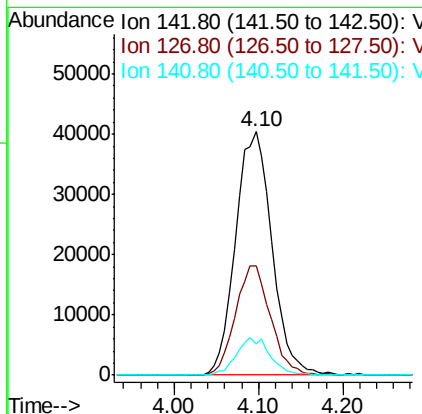
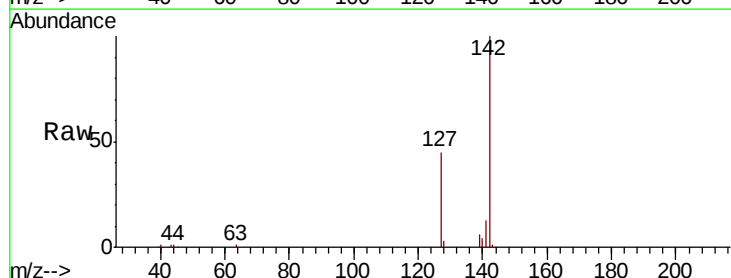
RT: 4.10 min Scan# 387

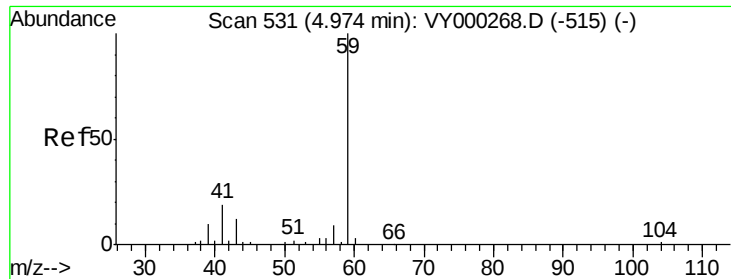
Delta R.T. 0.00 min

Lab File: VY000383.D

Acq: 23 Oct 2019 16:00

Tgt Ion:	142	Resp:	117861
Ion Ratio	Lower	Upper	
142	100		
127	43.3	33.9	50.9
141	14.5	11.2	16.8





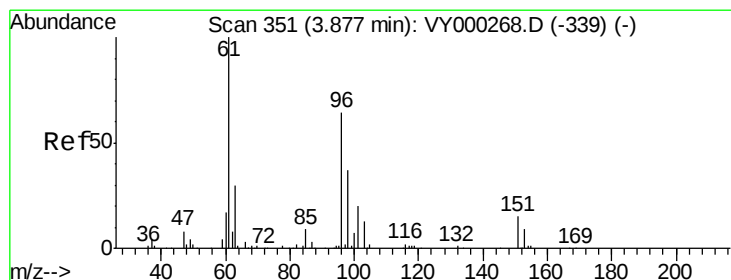
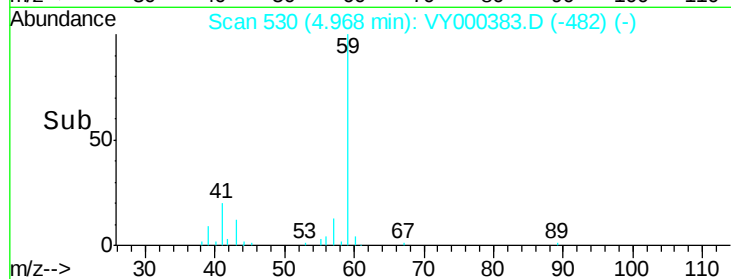
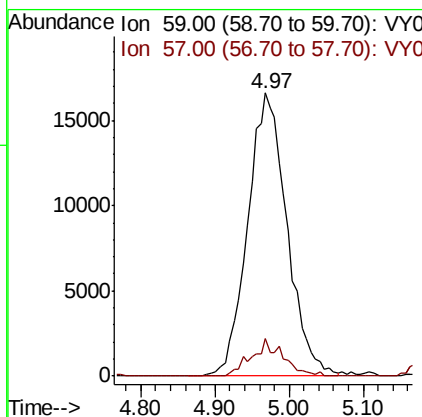
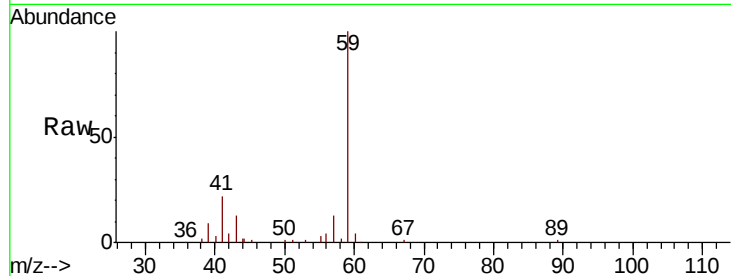
#11
Tert butyl alcohol
Concen: 250.272 ug/l
RT: 4.97 min Scan# 530
Delta R.T. -0.01 min
Lab File: VY000383.D
Acq: 23 Oct 2019 16:00

Instrument :
MSVOA_Y
ClientSampleId :
TP1-2FTMS

Tot Ion	59	Resp	61205
Ion Ratio	100	Lower	Upper
57	10.4	8.2	12.2

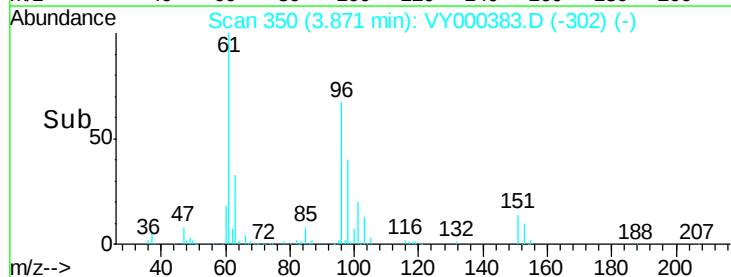
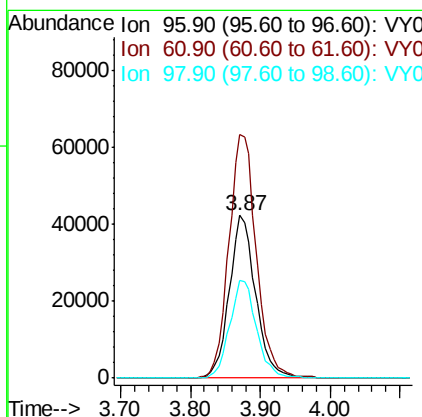
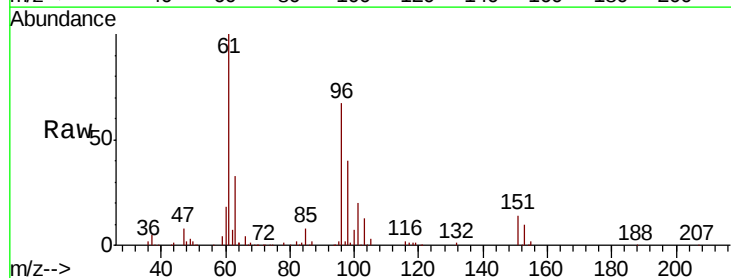
Manual Integrations
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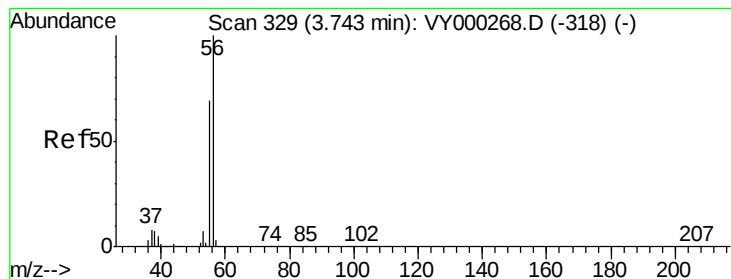
MMDadoda
10/24/2019 4:30:33 PM



#12
1,1-Dichloroethene
Concen: 49.483 ug/l
RT: 3.87 min Scan# 350
Delta R.T. -0.01 min
Lab File: VY000383.D
Acq: 23 Oct 2019 16:00

Tgt Ion	96	Resp	110715
Ion Ratio	100	Lower	Upper
61	149.6	125.8	188.6
98	59.7	46.2	69.2





#13

Acrolein

Concen: 103.908 ug/l

RT: 3.74 min Scan# 328

Delta R.T. -0.01 min

Lab File: VY000383.D

Acq: 23 Oct 2019 16:00

Instrument :

MSVOA_Y

ClientSampled :

TP1-2FTMS

Tot Ion: 56 Resp: 29792

Ion Ratio Lower Upper

56 100

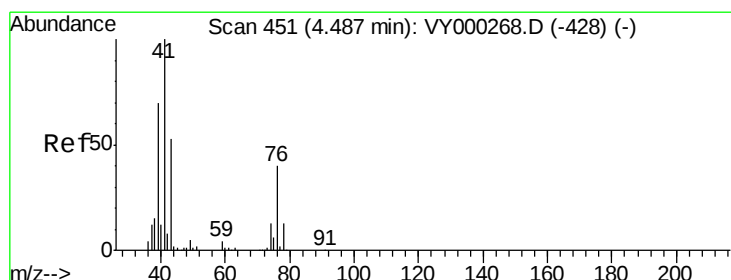
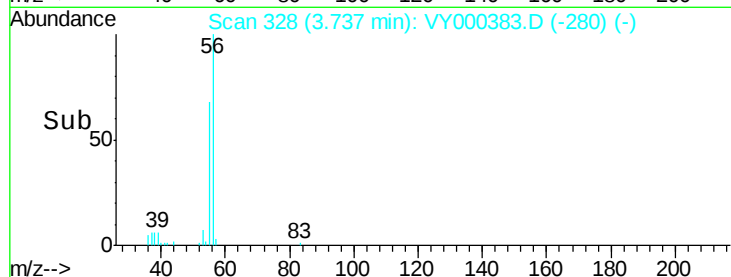
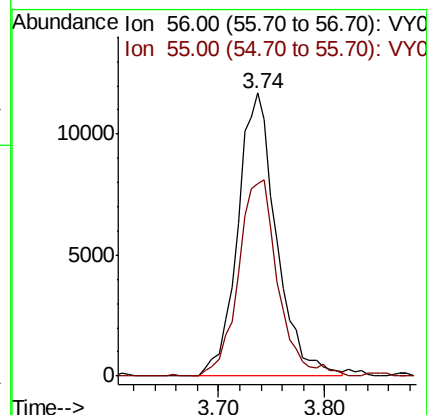
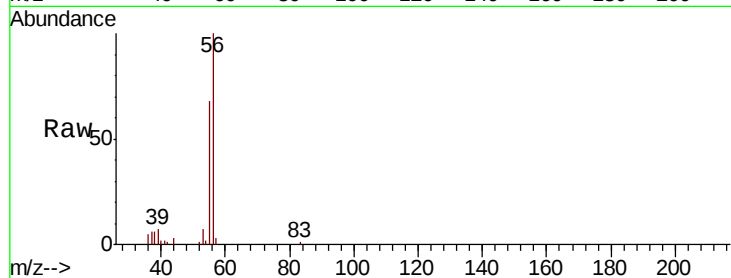
55 71.0 55.7 83.5

Manual Integrations

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MMDadoda

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#14

Allyl chloride

Concen: 52.564 ug/l

RT: 4.48 min Scan# 450

Delta R.T. -0.01 min

Lab File: VY000383.D

Acq: 23 Oct 2019 16:00

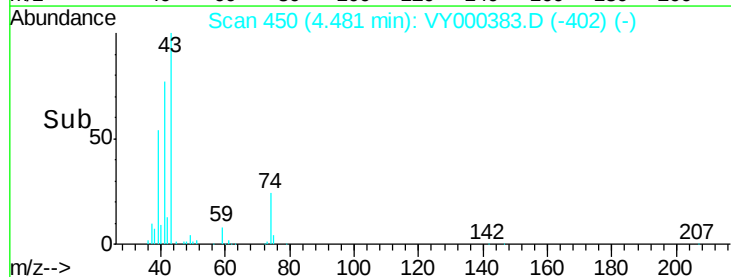
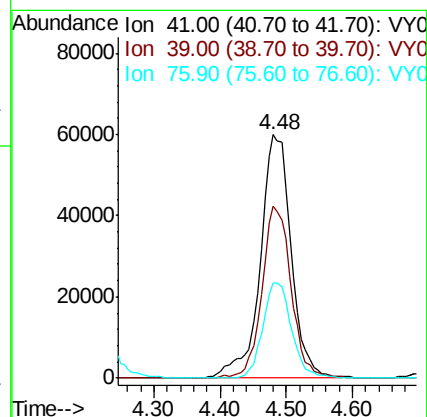
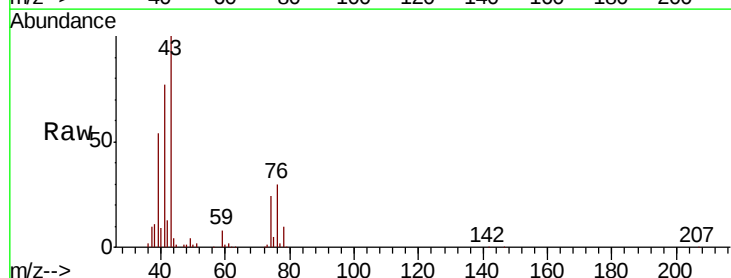
Tgt Ion: 41 Resp: 194898

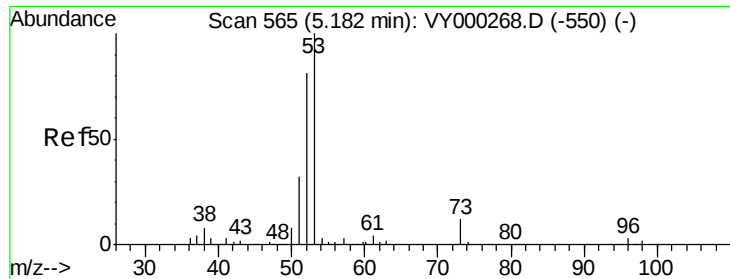
Ion Ratio Lower Upper

41 100

39 66.7 54.0 81.0

76 36.3 30.7 46.1





#15

Acrylonitrile

Concen: 256.139 ug/l

RT: 5.18 min Scan# 564

Delta R.T. -0.01 min

Lab File: VY000383.D

Acq: 23 Oct 2019 16:00

Instrument :

MSVOA_Y

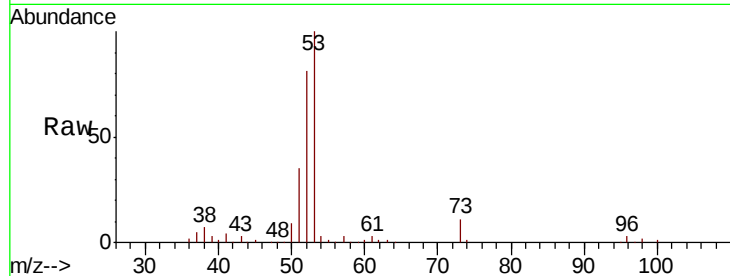
ClientSampleId :

TP1-2FTMS

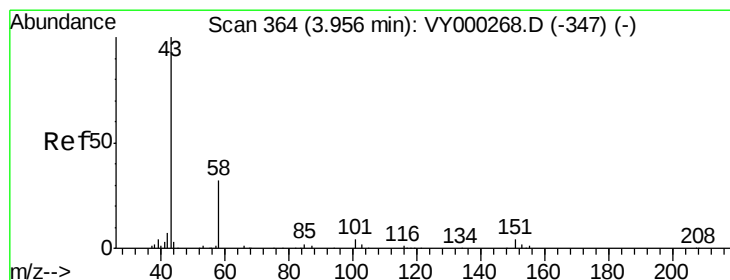
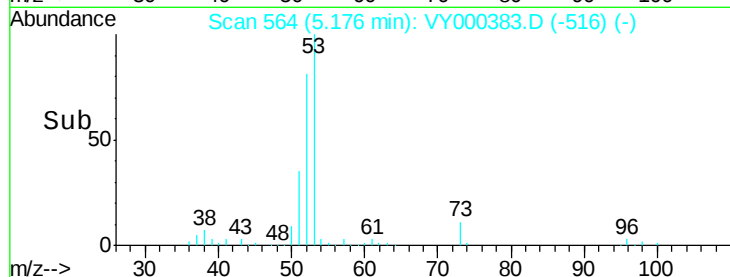
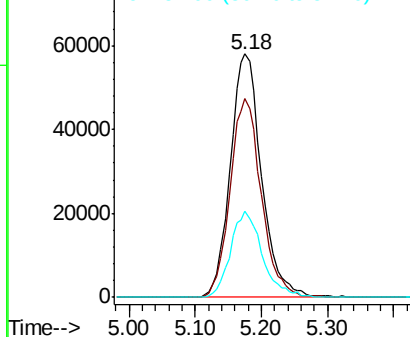
Tot Ion:	53	Resp:	189275
Ion	Ratio	Lower	Upper
53	100		
52	81.7	62.9	94.3
51	36.3	26.9	40.3

Manual Integrations
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Abundance Ion 53.00 (52.70 to 53.70): VY0
Ion 52.00 (51.70 to 52.70): VY0
Ion 51.00 (50.70 to 51.70): VY0



#16

Acetone

Concen: 229.088 ug/l

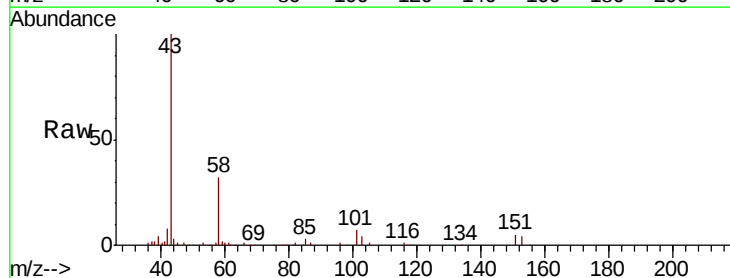
RT: 3.95 min Scan# 363

Delta R.T. -0.01 min

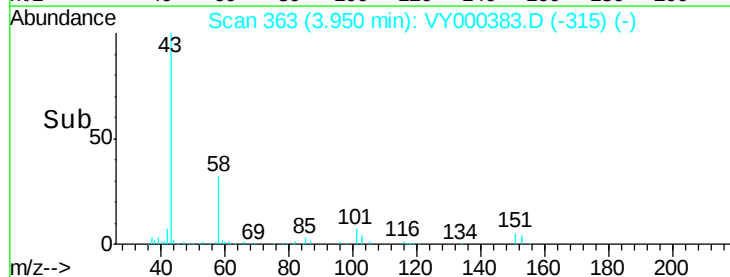
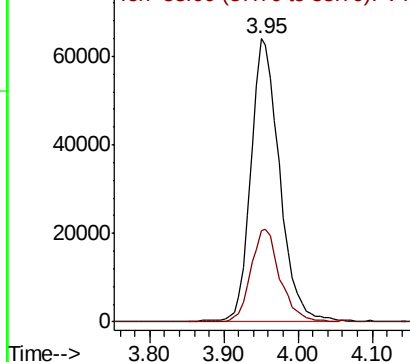
Lab File: VY000383.D

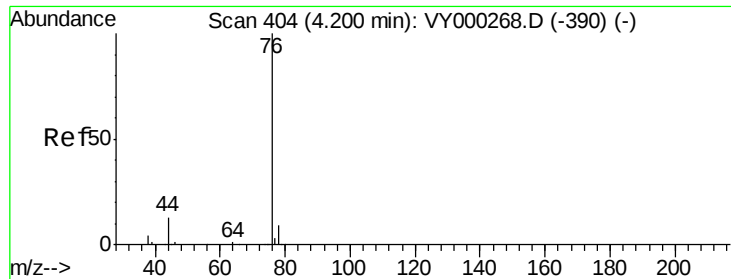
Acq: 23 Oct 2019 16:00

Tgt Ion:	43	Resp:	173368
Ion	Ratio	Lower	Upper
43	100		
58	32.2	25.8	38.6



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





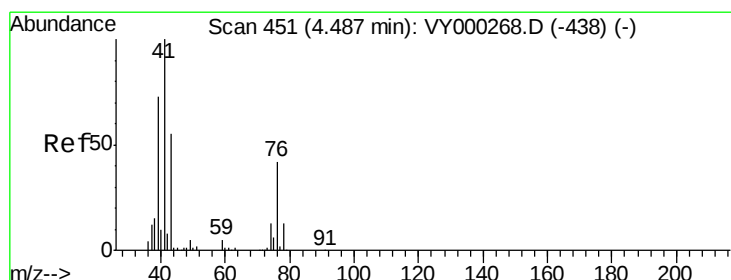
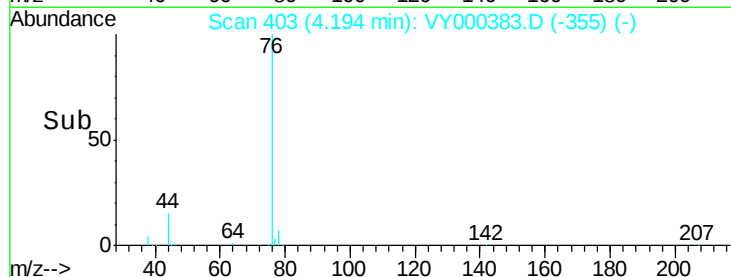
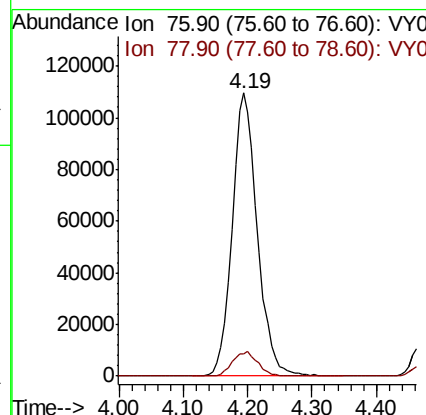
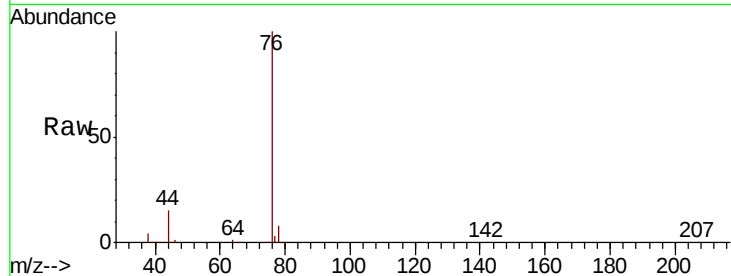
#17
Carbon Disulfide
Concen: 42.308 ug/l
RT: 4.19 min Scan# 403
Delta R.T. -0.01 min
Lab File: VY000383.D
Acq: 23 Oct 2019 16:00

Instrument :
MSVOA_Y
ClientSampleId :
TP1-2FTMS

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.0	7.0	10.4

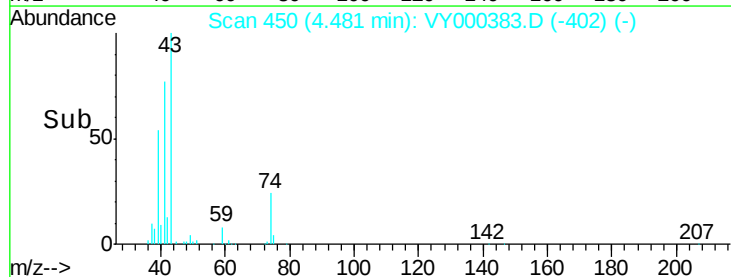
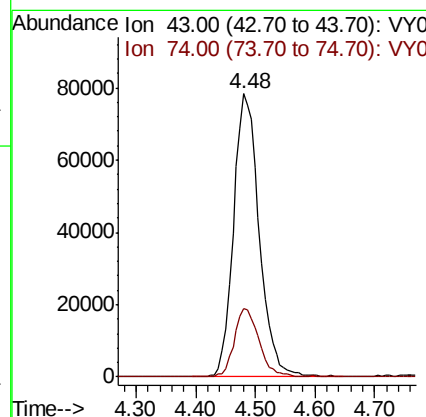
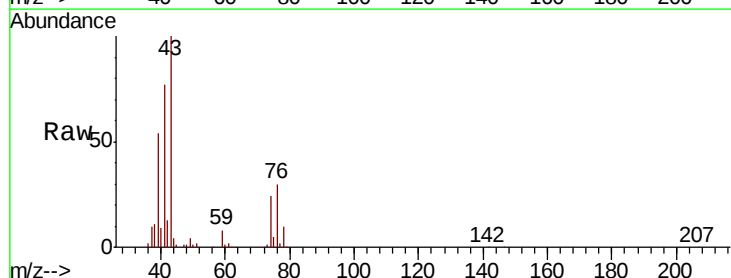
Manual Integrations
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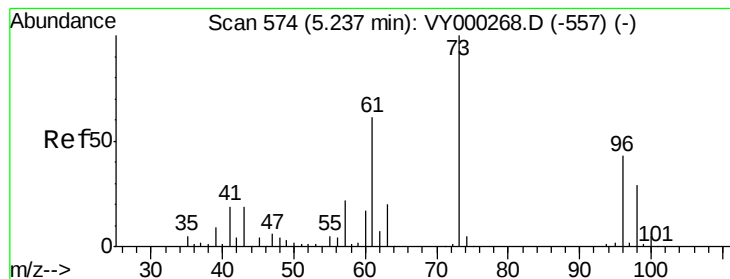
MMDadoda
10/24/2019 4:30:33 PM



#18
Methyl Acetate
Concen: 124.924 ug/l
RT: 4.48 min Scan# 450
Delta R.T. -0.01 min
Lab File: VY000383.D
Acq: 23 Oct 2019 16:00

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.5	20.4	30.6





#19

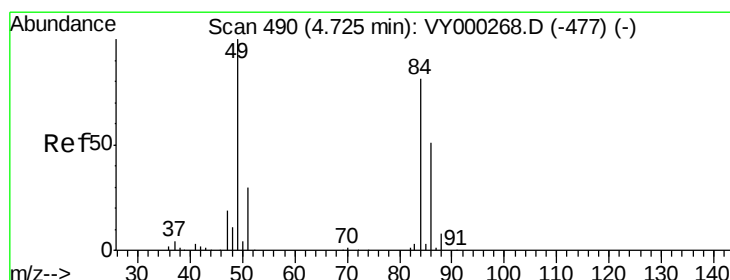
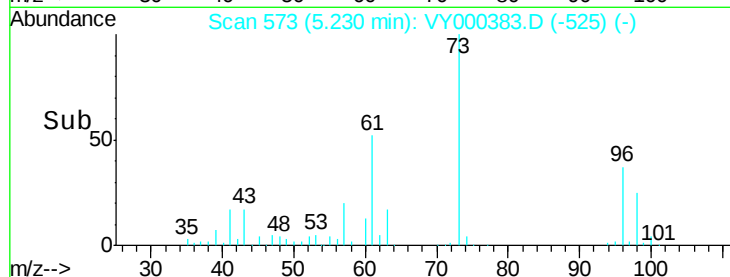
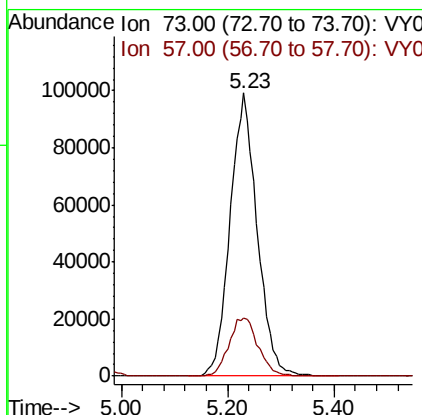
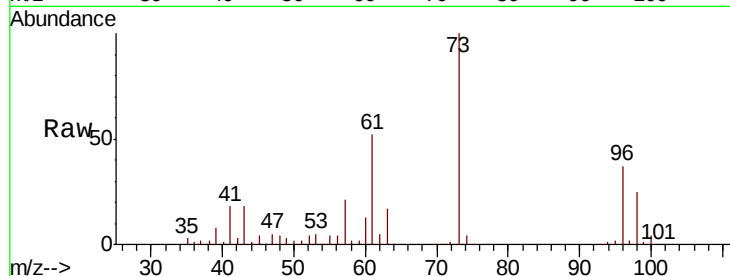
Methyl tert-butyl Ether
 Concen: 56.393 ug/l
 RT: 5.23 min Scan# 573
 Delta R.T. -0.01 min
 Lab File: VY000383.D
 Acq: 23 Oct 2019 16:00

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP1-2FTMS

Tot Ion: 73 Resp: 351247
 Ion Ratio Lower Upper
 73 100
 57 20.7 17.4 26.0

Manual Integrations
 APPROVED

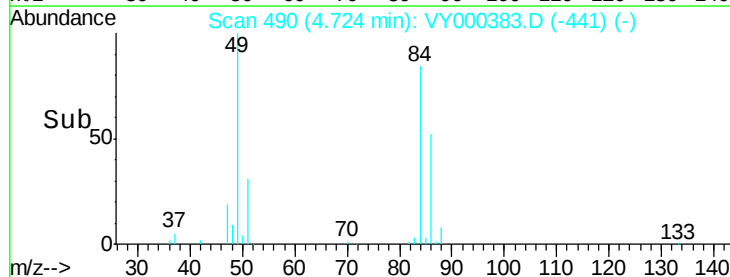
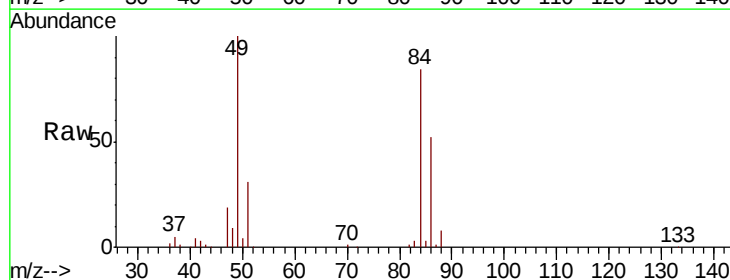
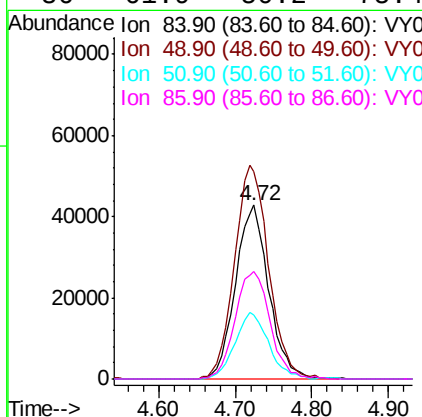
MMDadoda
 10/24/2019 4:30:33 PM

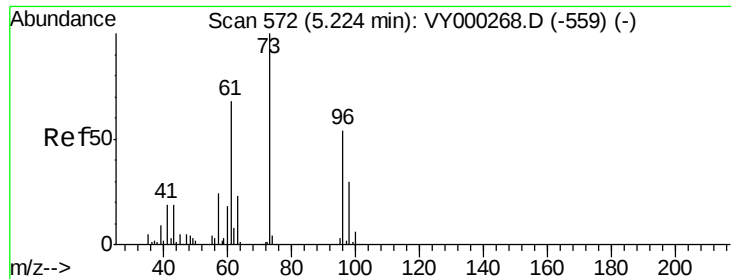


#20

Methylene Chloride
 Concen: 50.702 ug/l
 RT: 4.72 min Scan# 490
 Delta R.T. 0.00 min
 Lab File: VY000383.D
 Acq: 23 Oct 2019 16:00

Tgt Ion: 84 Resp: 129087
 Ion Ratio Lower Upper
 84 100
 49 119.7 99.0 148.4
 51 36.5 29.3 43.9
 86 61.9 50.2 75.4





#21

trans-1,2-Dichloroethene

Concen: 48.434 ug/l

RT: 5.22 min Scan# 572

Delta R.T. -0.00 min

Lab File: VY000383.D

Acq: 23 Oct 2019 16:00

Instrument :

MSVOA_Y

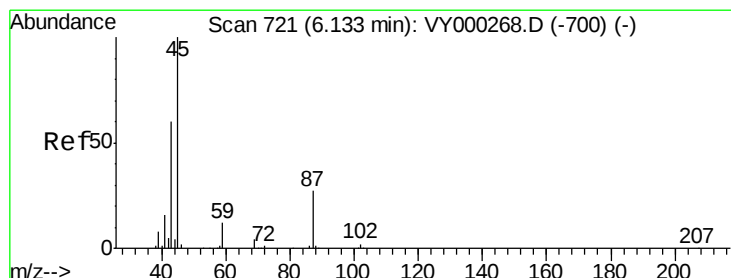
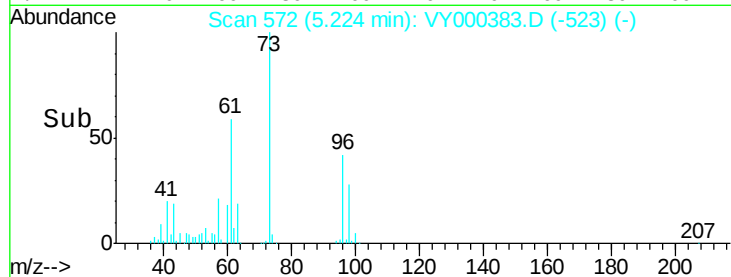
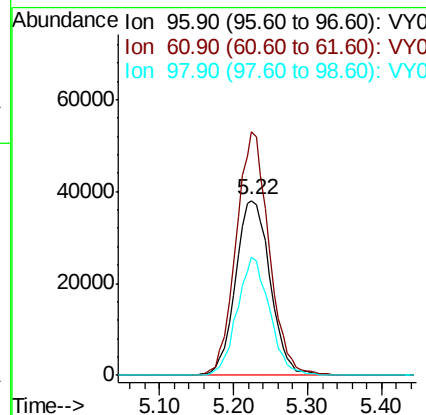
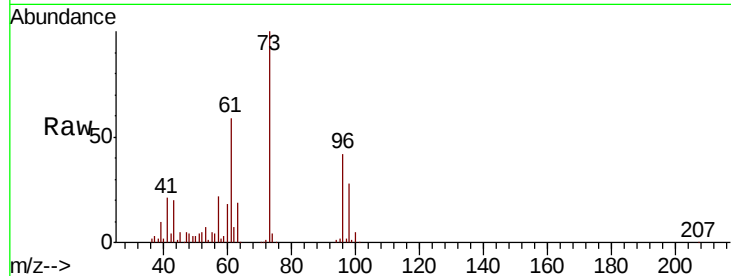
ClientSampleId :

TP1-2FTMS

Tot Ion:	96	Resp:	124332
Ion	Ratio	Lower	Upper
96	100		
61	139.0	100.4	150.6
98	67.3	44.6	66.8#

Manual Integrations
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#22

Diisopropyl ether

Concen: 54.341 ug/l

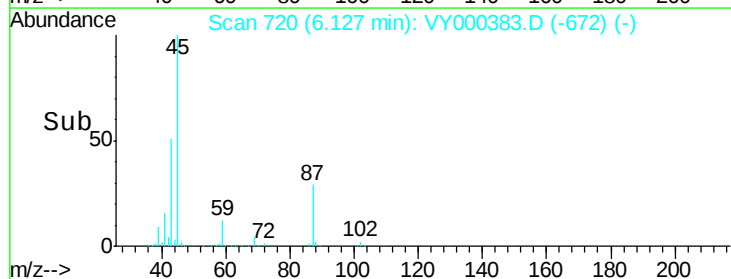
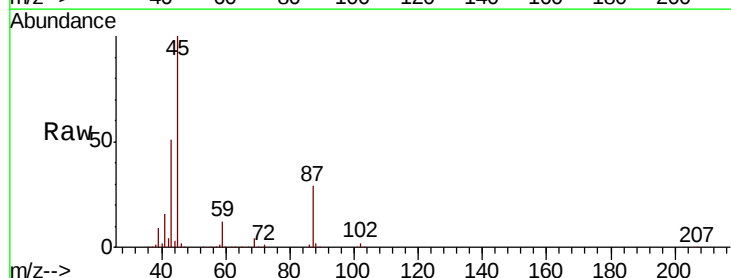
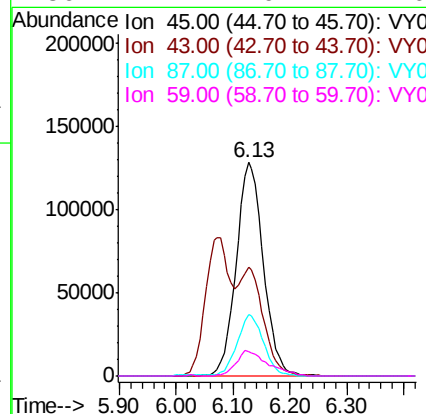
RT: 6.13 min Scan# 720

Delta R.T. -0.01 min

Lab File: VY000383.D

Acq: 23 Oct 2019 16:00

Tgt Ion:	45	Resp:	426152
Ion	Ratio	Lower	Upper
45	100		
43	50.7	48.5	72.7
87	28.5	21.5	32.3
59	11.7	9.4	14.0





#23

Vinyl Acetate

Concen: 49.636 ug/l

RT: 6.07 min Scan# 711

Delta R.T. -0.01 min

Lab File: VY000383.D

Acq: 23 Oct 2019 16:00

Instrument :

MSVOA_Y

ClientSampleId :

TP1-2FTMS

Tot Ion: 43 Resp: 253948

Ion Ratio Lower Upper

43 100

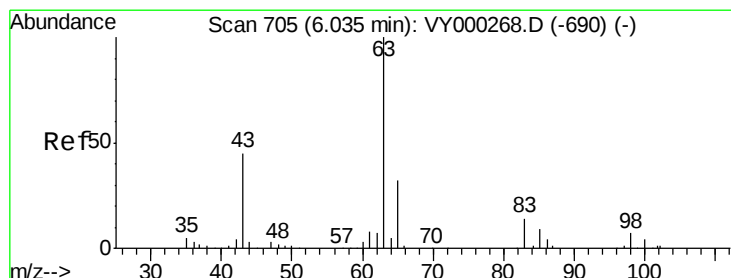
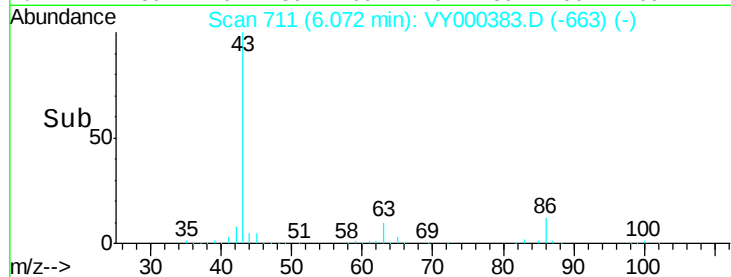
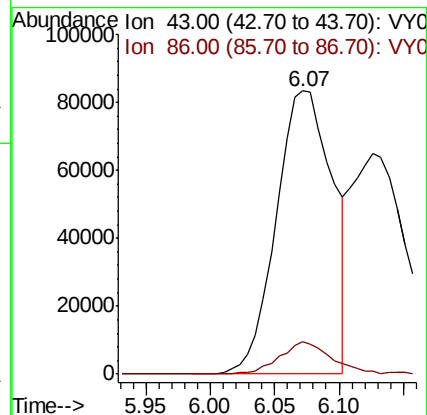
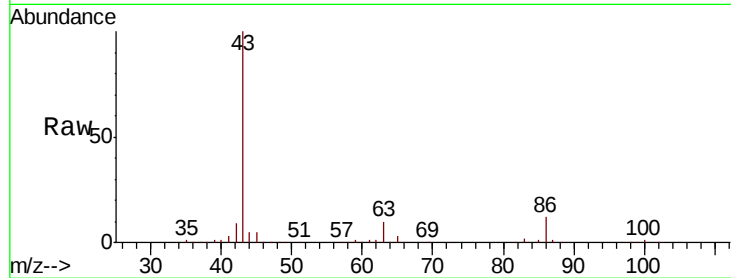
86 11.5 8.6 13.0

Manual Integrations

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MMDadoda

10/24/2019 4:30:33 PM



#24

1,1-Dichloroethane

Concen: 52.982 ug/l

RT: 6.03 min Scan# 704

Delta R.T. -0.01 min

Lab File: VY000383.D

Acq: 23 Oct 2019 16:00

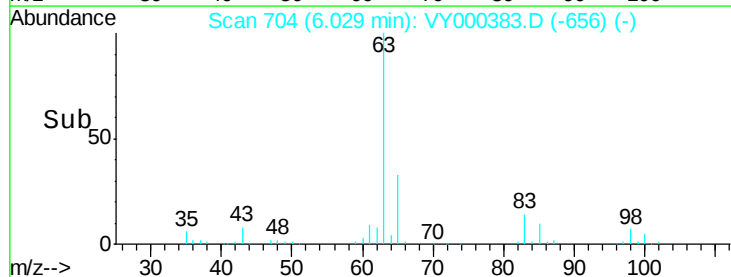
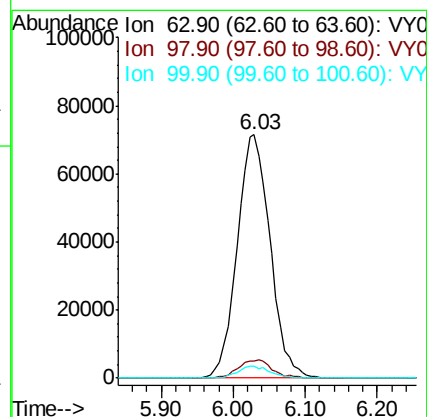
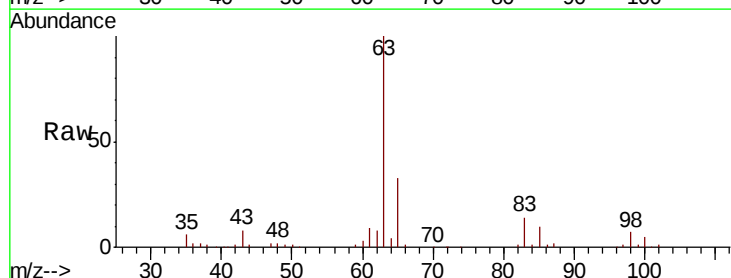
Tgt Ion: 63 Resp: 226795

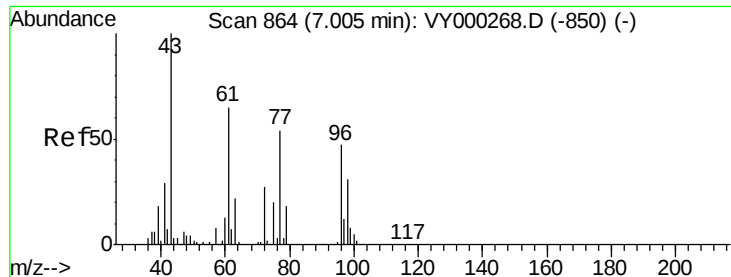
Ion Ratio Lower Upper

63 100

98 7.2 3.5 10.4

100 5.0 2.1 6.2





#25

2-Butanone

Concen: 246.739 ug/l

RT: 7.00 min Scan# 863

Delta R.T. -0.01 min

Lab File: VY000383.D

Acq: 23 Oct 2019 16:00

Instrument :

MSVOA_Y

ClientSampleId :

TP1-2FTMS

Tot Ion: 43 Resp: 263037

Ion Ratio Lower Upper

43 100

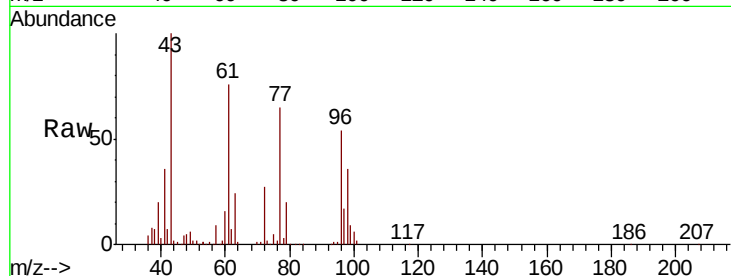
72 27.1 21.4 32.2

Manual Integrations

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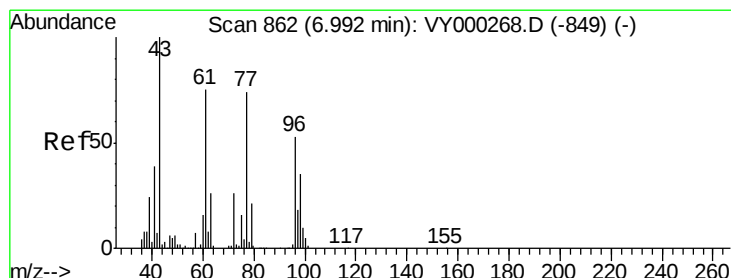
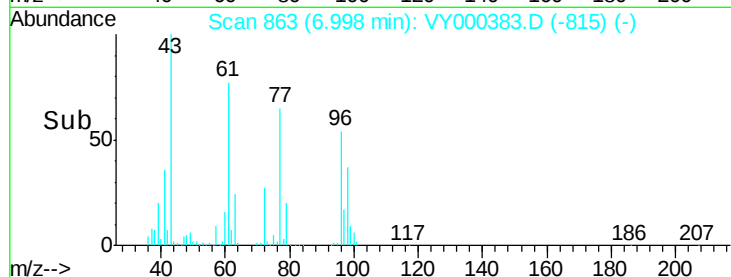
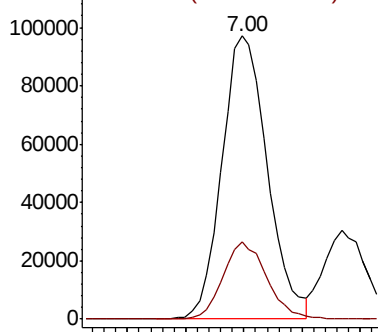
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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0



#26

2,2-Dichloropropane

Concen: 51.406 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.00 min

Lab File: VY000383.D

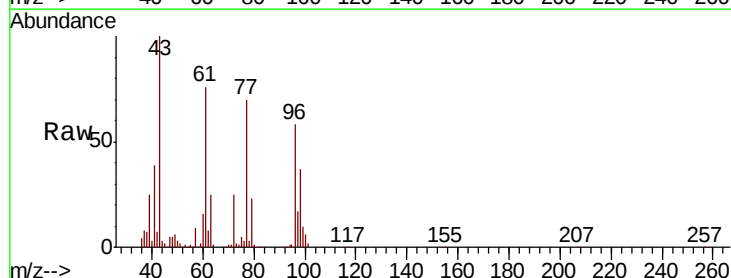
Acq: 23 Oct 2019 16:00

Tgt Ion: 77 Resp: 202764

Ion Ratio Lower Upper

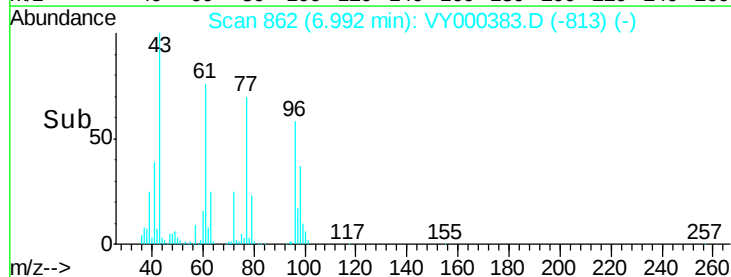
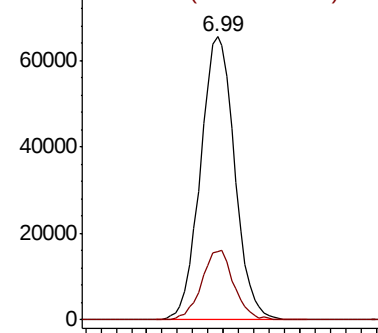
77 100

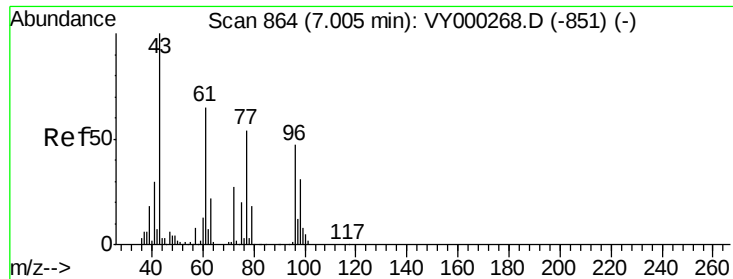
97 23.2 11.6 34.7



Abundance Ion 76.90 (76.60 to 77.60): VY0

Ion 96.90 (96.60 to 97.60): VY0





#27

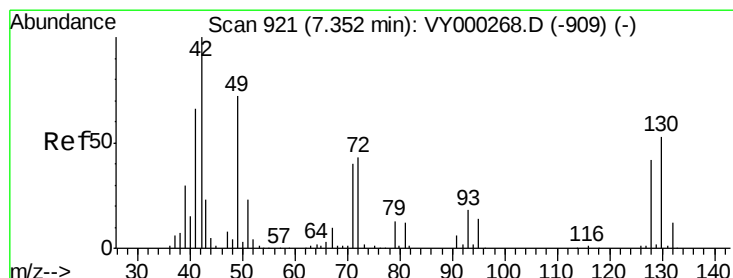
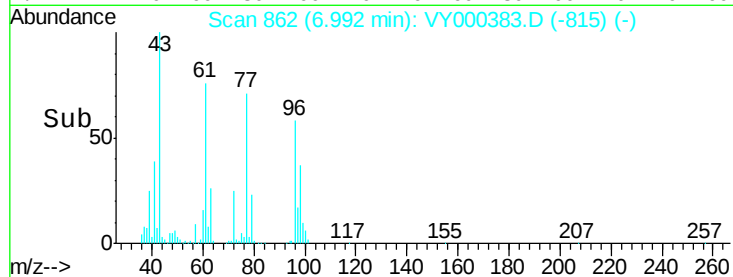
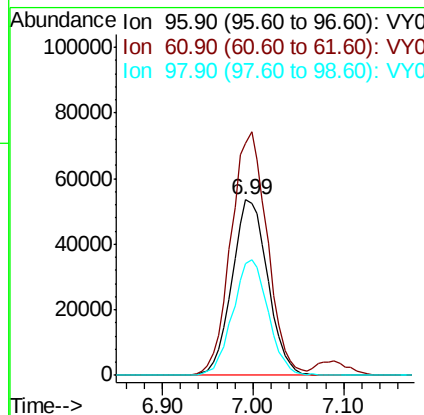
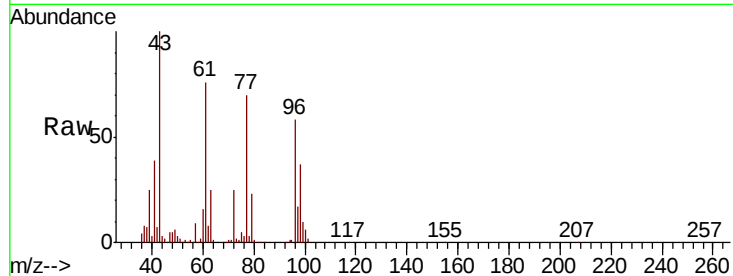
cis-1,2-Dichloroethene
Concen: 52.734 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.01 min
Lab File: VY000383.D
Acq: 23 Oct 2019 16:00

Instrument :
MSVOA_Y
ClientSampleId :
TP1-2FTMS

Tot Ion	Ratio	Resp	Lower	Upper
96	100	146482		
61	141.2	0.0	289.8	
98	65.3	0.0	131.8	

Manual Integrations
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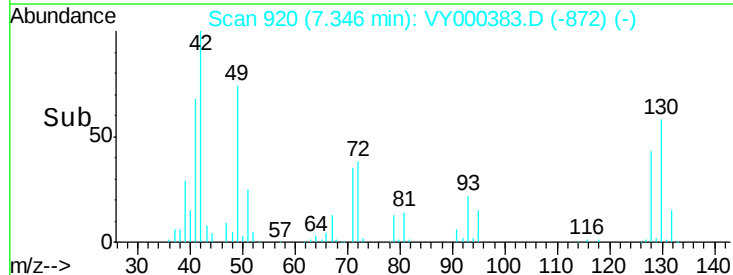
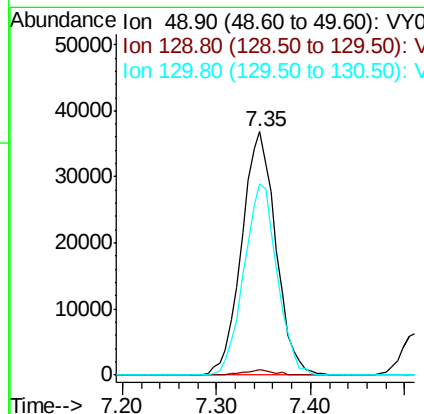
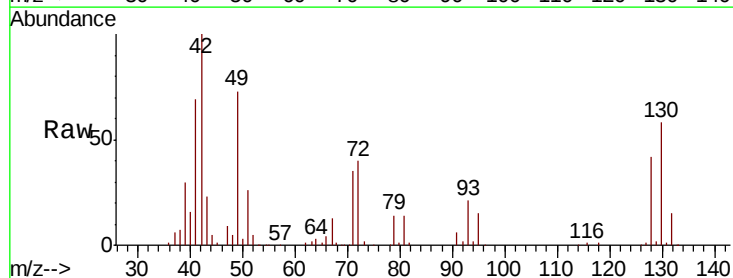
MMDadoda
10/24/2019 4:30:33 PM

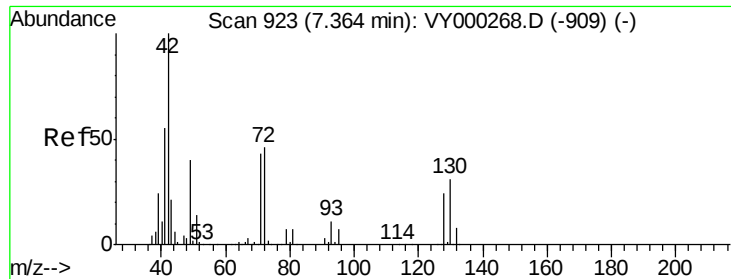


#28

Bromochloromethane
Concen: 50.958 ug/l
RT: 7.35 min Scan# 920
Delta R.T. -0.01 min
Lab File: VY000383.D
Acq: 23 Oct 2019 16:00

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	93641		
129	1.7	0.0	4.0	
130	76.1	58.2	87.2	





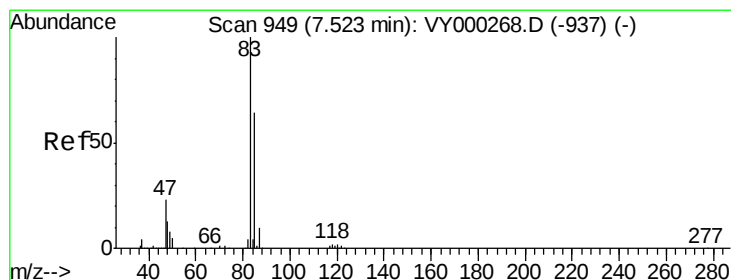
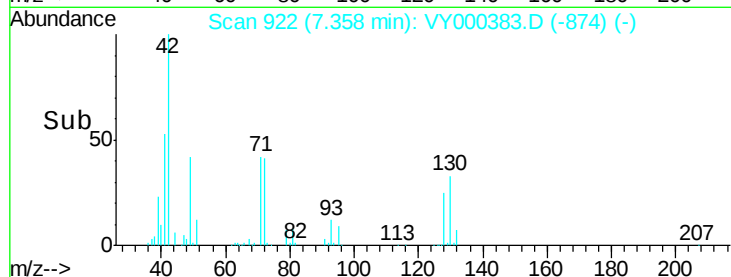
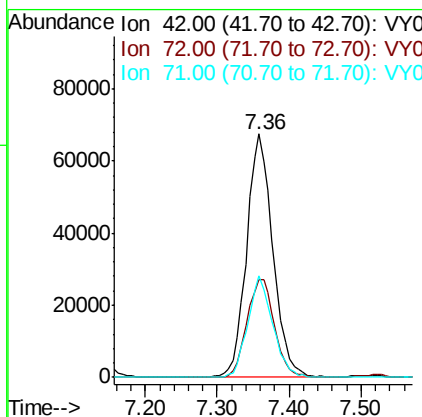
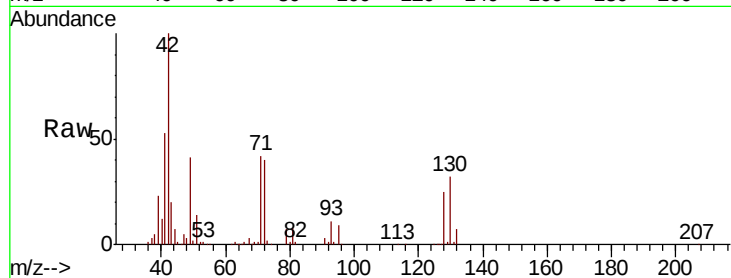
#29
Tetrahydrofuran
Concen: 264.094 ug/l
RT: 7.36 min Scan# 922
Delta R.T. -0.01 min
Lab File: VY000383.D
Acq: 23 Oct 2019 16:00

Instrument :
MSVOA_Y
ClientSampleId :
TP1-2FTMS

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.5	34.5	51.7
71	39.6	32.7	49.1

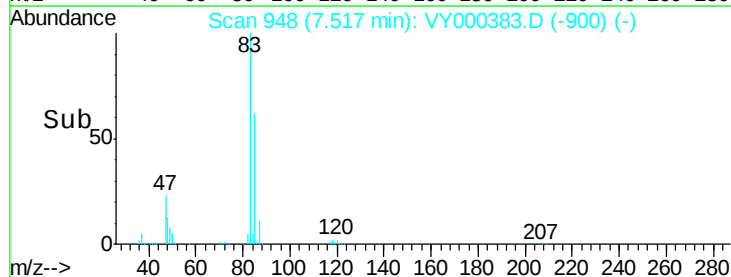
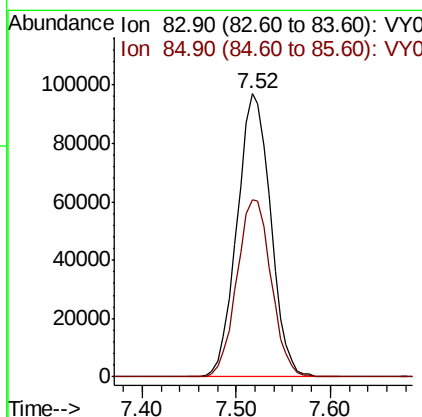
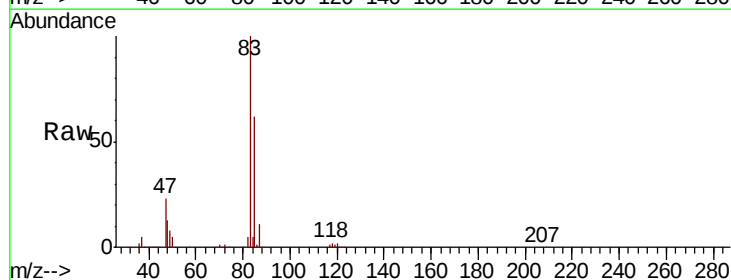
Manual Integrations
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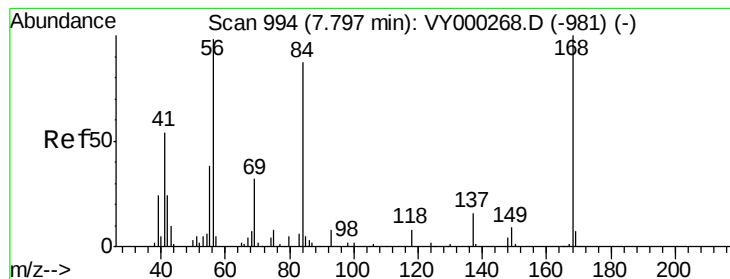
MMDadoda
10/24/2019 4:30:33 PM



#30
Chloroform
Concen: 55.630 ug/l
RT: 7.52 min Scan# 948
Delta R.T. -0.01 min
Lab File: VY000383.D
Acq: 23 Oct 2019 16:00

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.5	51.4	77.2





#31

Cyclohexane

Concen: 46.614 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

Lab File: VY000383.D

Acq: 23 Oct 2019 16:00

Instrument :

MSVOA_Y

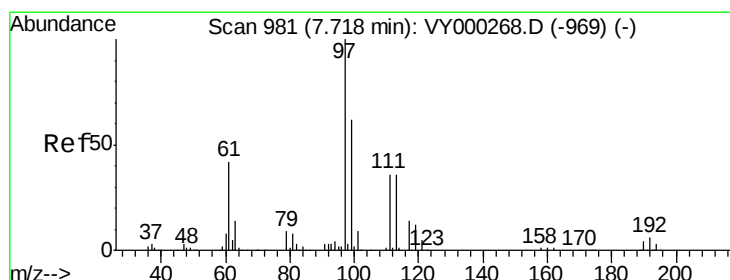
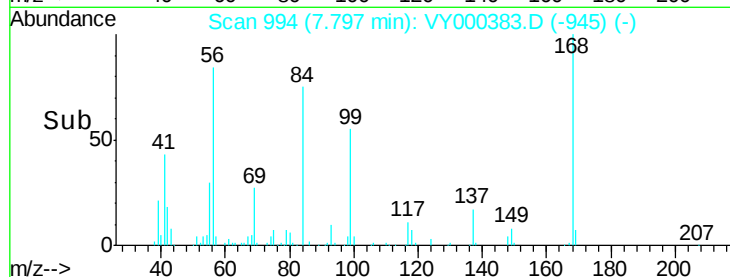
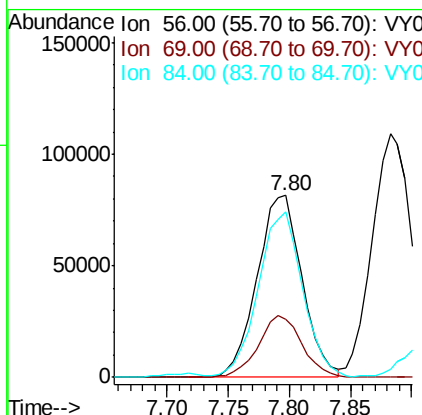
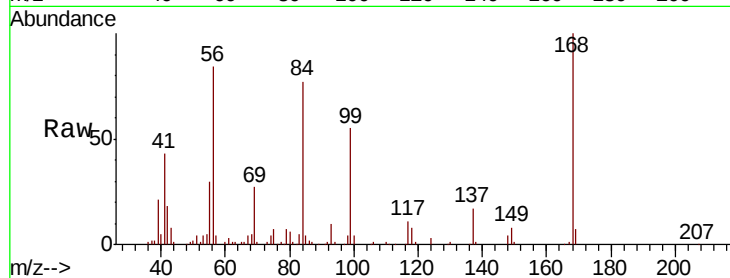
ClientSampleId :

TP1-2FTMS

Tot Ion:	56	Resp:	208403
Ion Ratio	Lower	Upper	
56	100		
69	32.2	26.3	39.5
84	88.8	70.8	106.2

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 54.478 ug/l

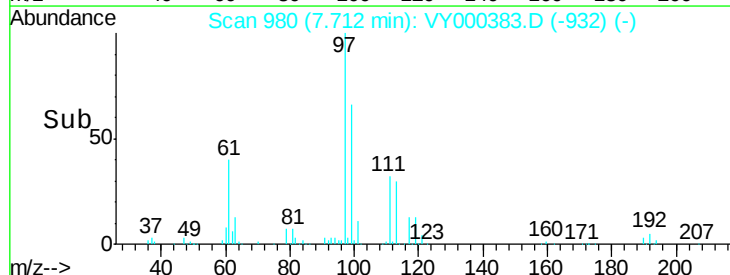
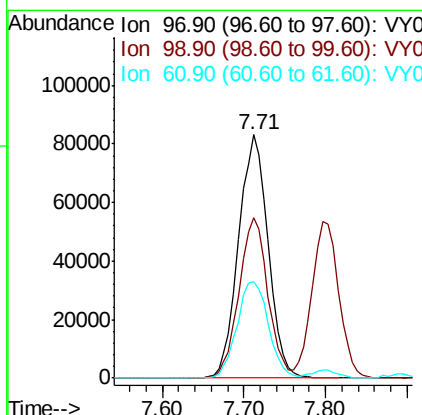
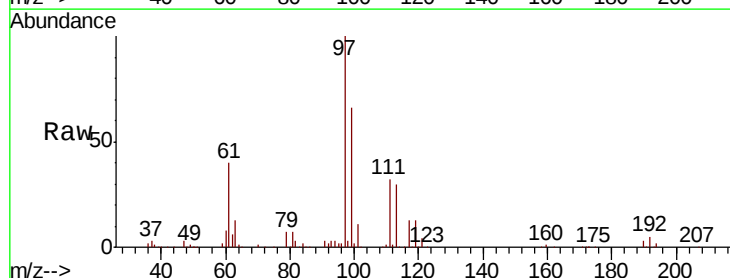
RT: 7.71 min Scan# 980

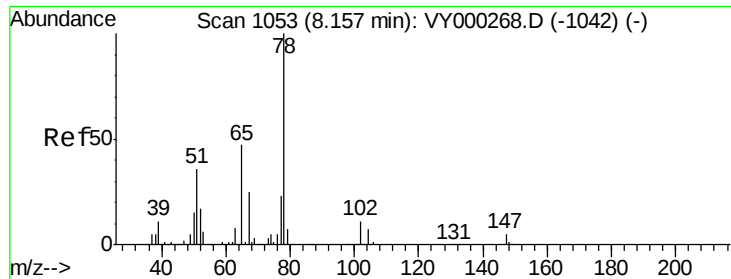
Delta R.T. -0.01 min

Lab File: VY000383.D

Acq: 23 Oct 2019 16:00

Tgt Ion:	97	Resp:	208789
Ion Ratio	Lower	Upper	
97	100		
99	64.7	51.7	77.5
61	42.3	34.5	51.7





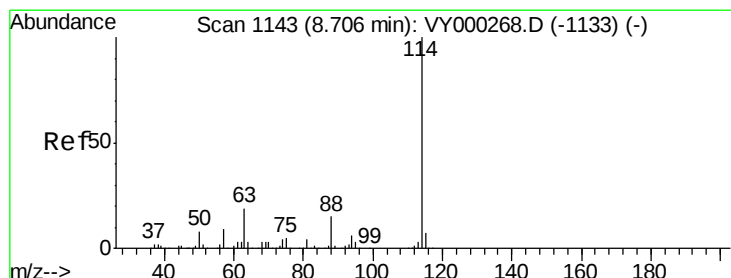
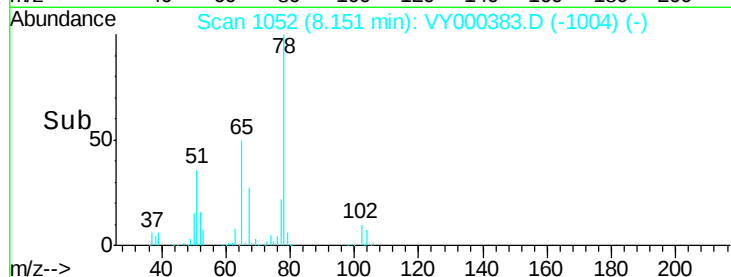
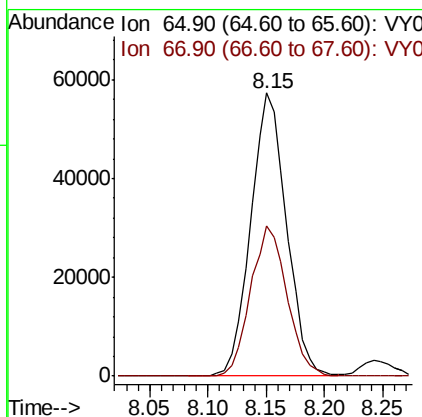
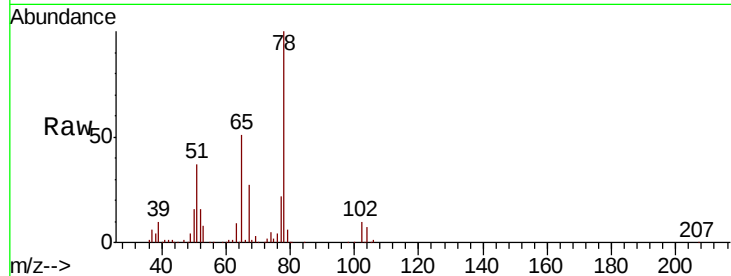
#33
 1,2-Dichloroethane-d4
 Concen: 52.241 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: VY000383.D
 Acq: 23 Oct 2019 16:00

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP1-2FTMS

Tot Ion	Ratio	Resp	Lower	Upper
65	100	122079		
67	53.9	0.0	109.4	

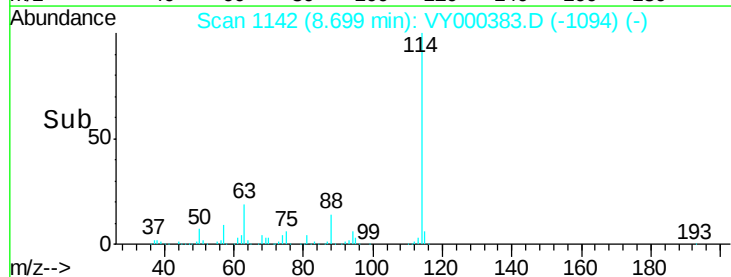
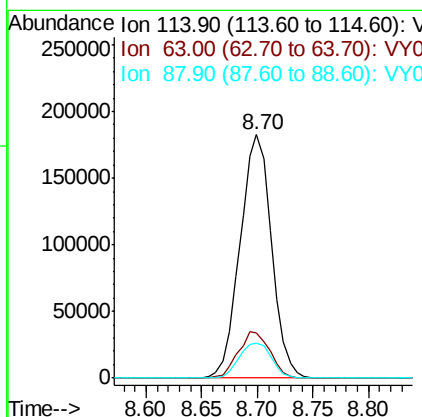
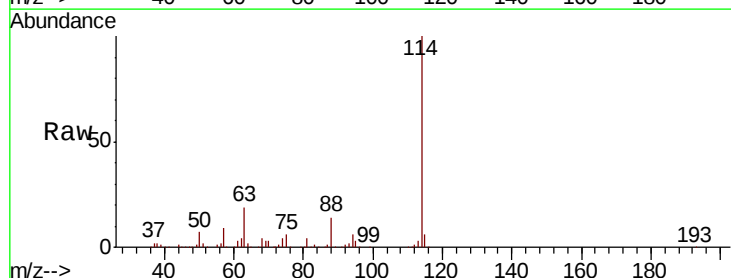
Manual Integrations
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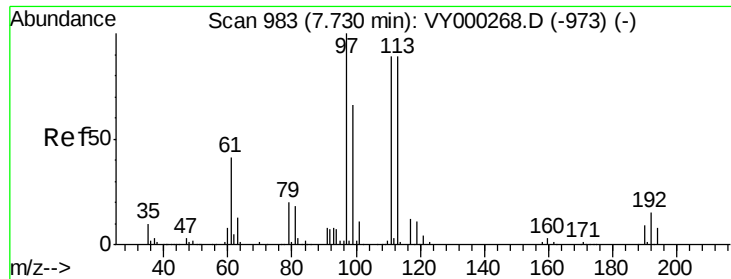
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 10/24/2019 4:30:33 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: VY000383.D
 Acq: 23 Oct 2019 16:00

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	358260		
63	18.8	0.0	37.2	
88	14.4	0.0	30.2	





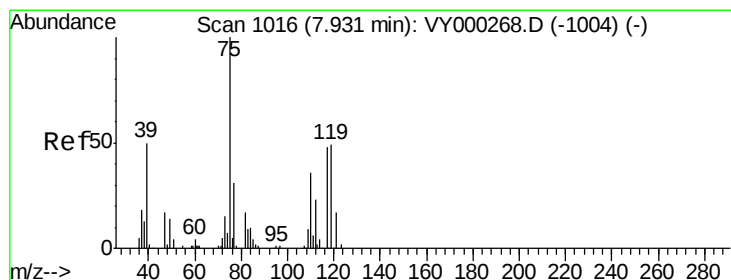
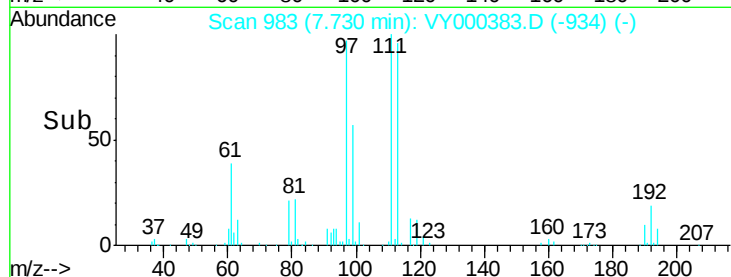
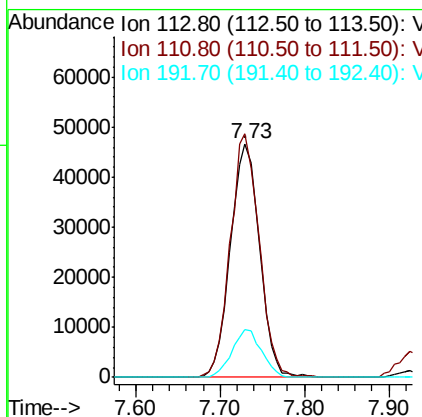
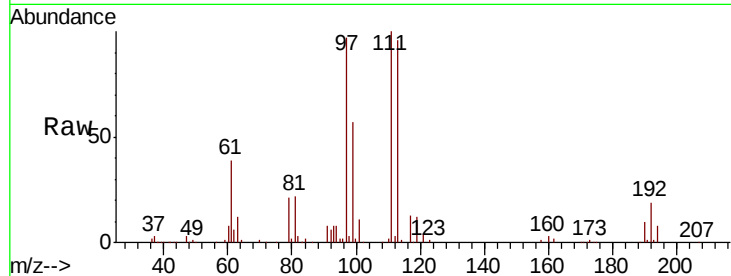
#35
Dibromofluoromethane
Concen: 50.454 ug/l
RT: 7.73 min Scan# 983
Delta R.T. -0.00 min
Lab File: VY000383.D
Acq: 23 Oct 2019 16:00

Instrument :
MSVOA_Y
ClientSampleId :
TP1-2FTMS

Tot Ion	Ratio	Resp	Lower	Upper
113	100	109033		
111	103.2	81.6	122.4	
192	20.7	15.3	22.9	

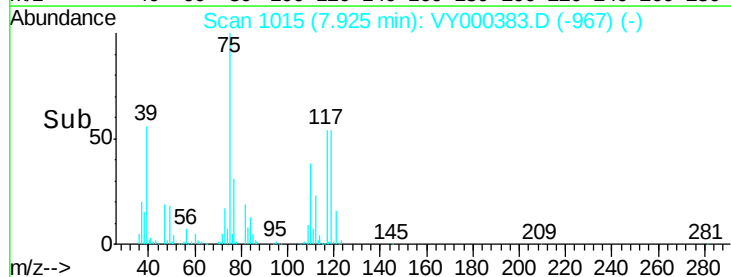
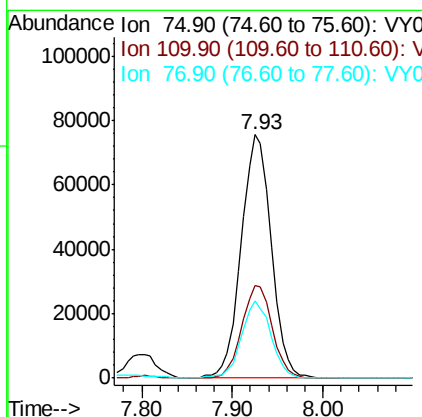
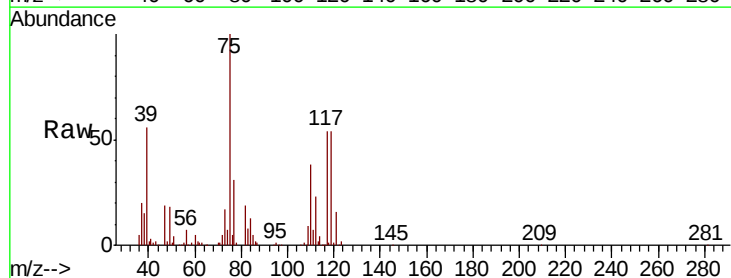
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#36
1,1-Dichloropropene
Concen: 49.540 ug/l
RT: 7.93 min Scan# 1015
Delta R.T. -0.01 min
Lab File: VY000383.D
Acq: 23 Oct 2019 16:00

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	173765		
110	38.4	18.4	55.4	
77	31.0	25.0	37.6	





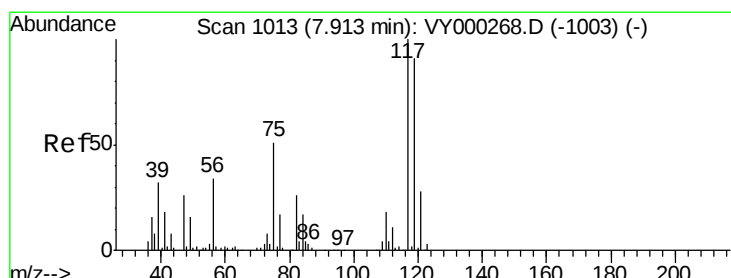
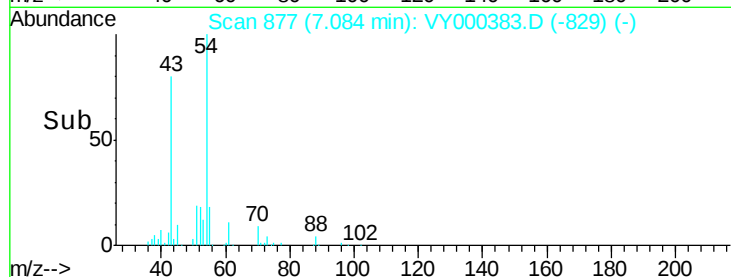
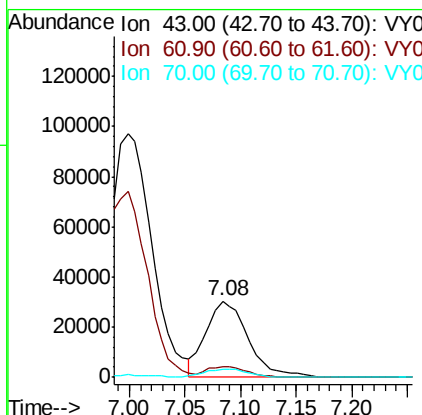
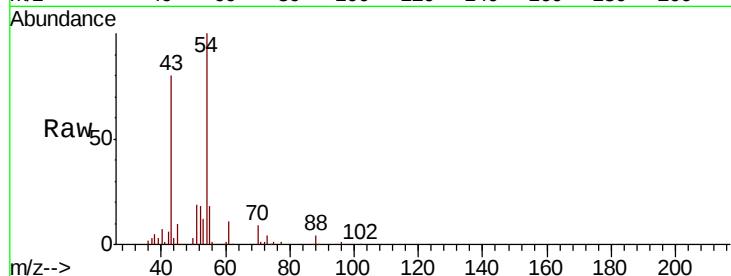
#37
Ethyl Acetate
Concen: 38.395 ug/l
RT: 7.08 min Scan# 877
Delta R.T. -0.01 min
Lab File: VY000383.D
Acq: 23 Oct 2019 16:00

Instrument :
MSVOA_Y
ClientSampleId :
TP1-2FTMS

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.0	12.1	18.1
70	11.4	8.7	13.1

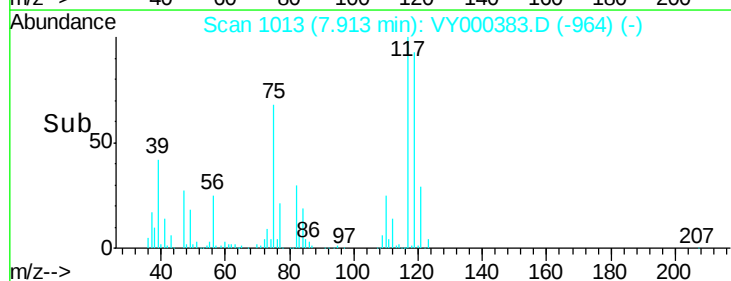
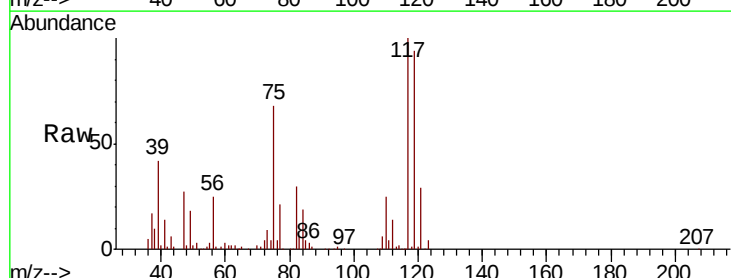
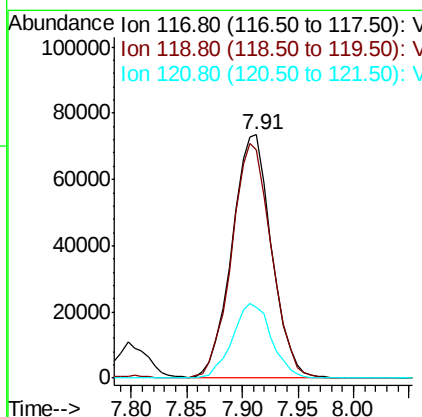
Manual Integrations
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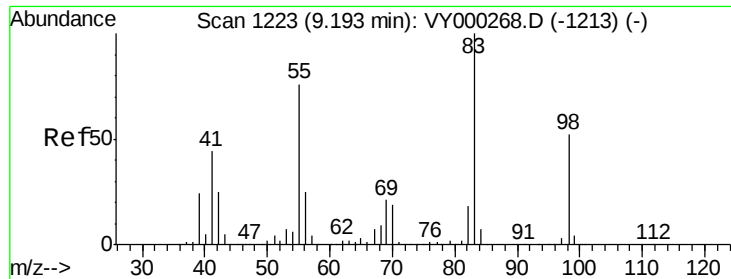
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#38
Carbon Tetrachloride
Concen: 53.488 ug/l
RT: 7.91 min Scan# 1013
Delta R.T. -0.00 min
Lab File: VY000383.D
Acq: 23 Oct 2019 16:00

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.4	72.8	109.2
121	29.3	22.2	33.2





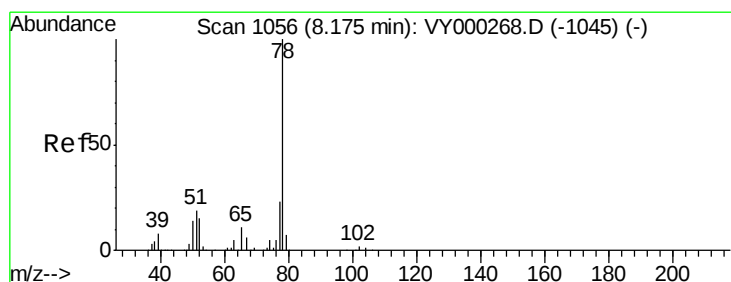
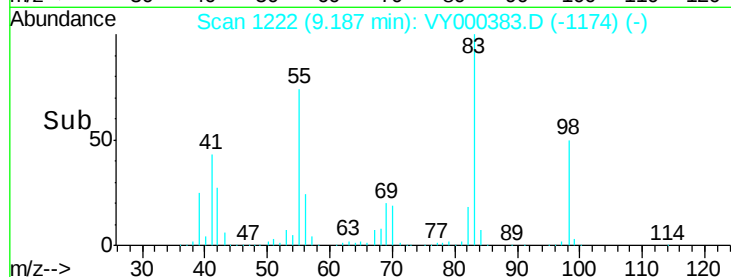
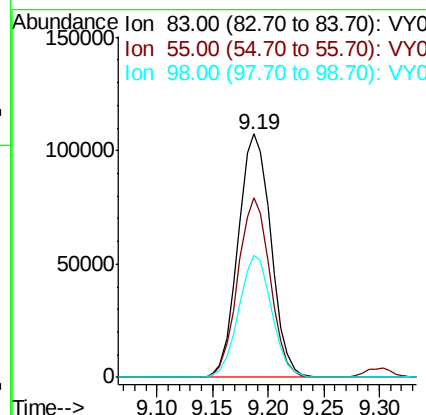
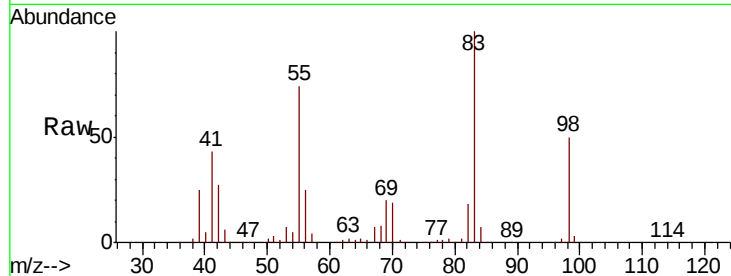
#39
Methvlcvclohexane
Concen: 47.778 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.01 min
Lab File: VY000383.D
Acq: 23 Oct 2019 16:00

Instrument :
MSVOA_Y
ClientSampleId :
TP1-2FTMS

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	73.6	60.9	91.3	
98	50.3	41.8	62.6	

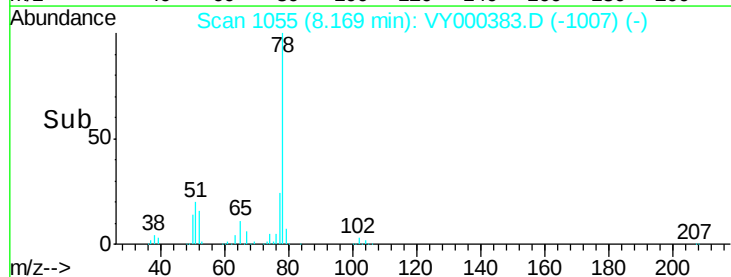
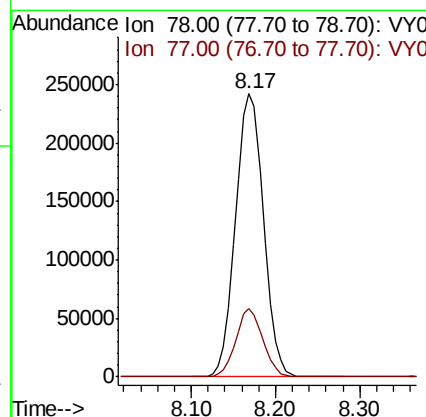
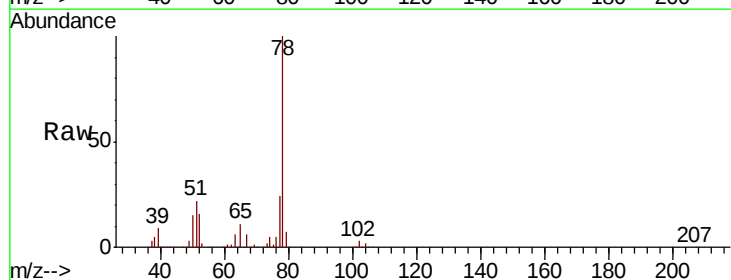
Manual Integrations
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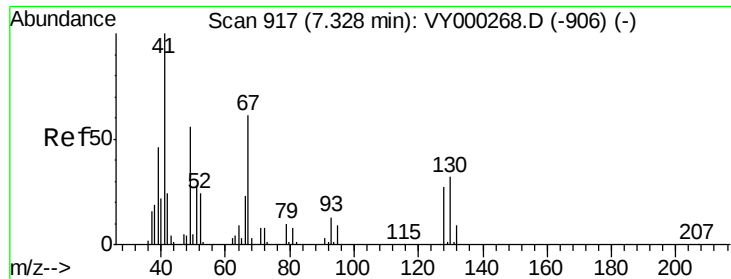
MMDadoda
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#40
Benzene
Concen: 53.547 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.01 min
Lab File: VY000383.D
Acq: 23 Oct 2019 16:00

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	24.2	18.8	28.2	





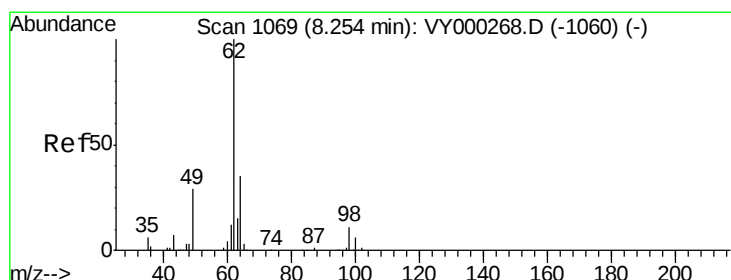
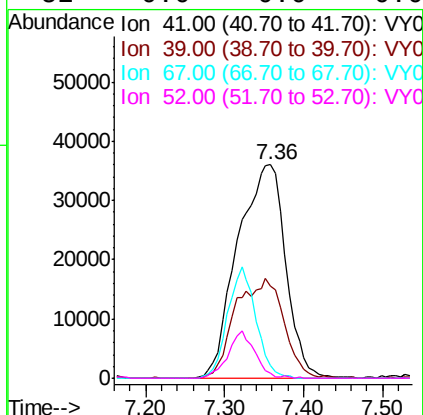
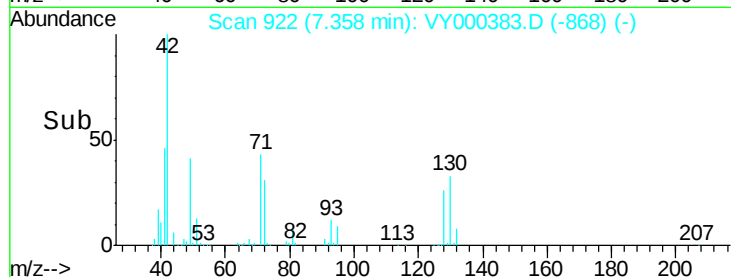
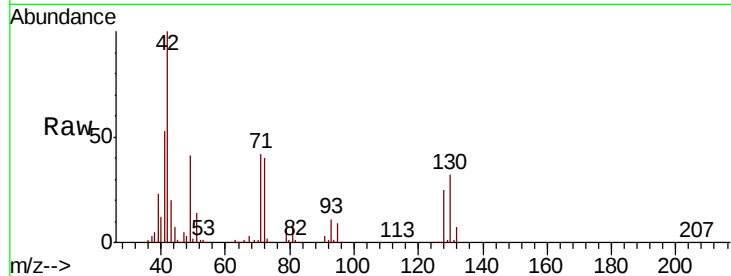
#41
Methacrylonitrile
Concen: 154.414 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.03 min
Lab File: VY000383.D
Acq: 23 Oct 2019 16:00

Instrument :
MSVOA_Y
ClientSampleId :
TP1-2FTMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		152656		
39	47.1	110.2	165.2#		
67	0.0	0.0	0.0		
52	0.0	0.0	0.0		

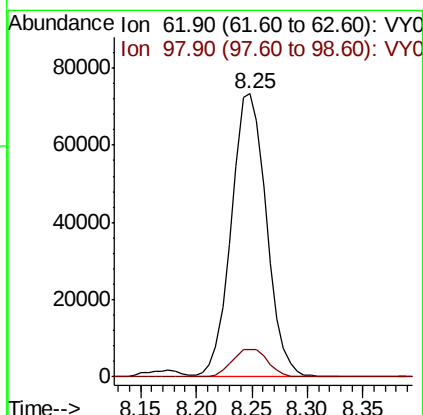
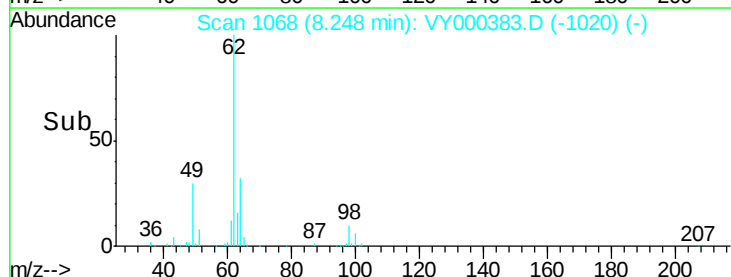
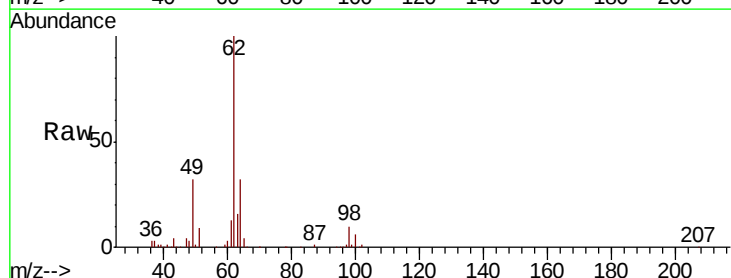
Manual Integrations
APPROVED

MMDadoda
10/24/2019 4:30:33 PM



#42
1,2-Dichloroethane
Concen: 55.456 ug/l
RT: 8.25 min Scan# 1068
Delta R.T. -0.01 min
Lab File: VY000383.D
Acq: 23 Oct 2019 16:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		160572		
98	10.1	0.0	20.6		





#43

Isopropyl Acetate

Concen: 45.900 ug/l

RT: 8.28 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VY000383.D

Acq: 23 Oct 2019 16:00

Instrument :

MSVOA_Y

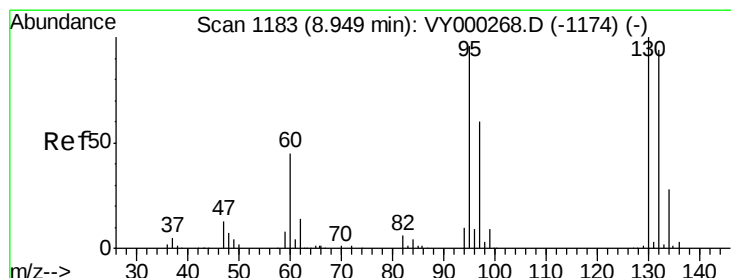
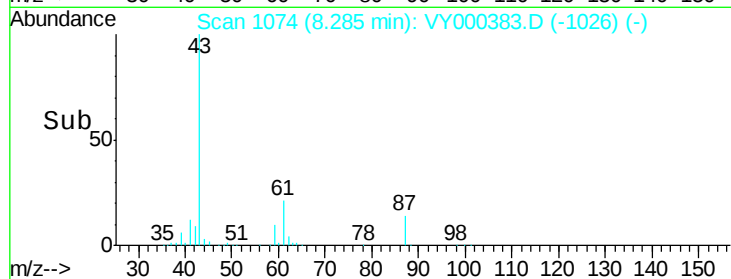
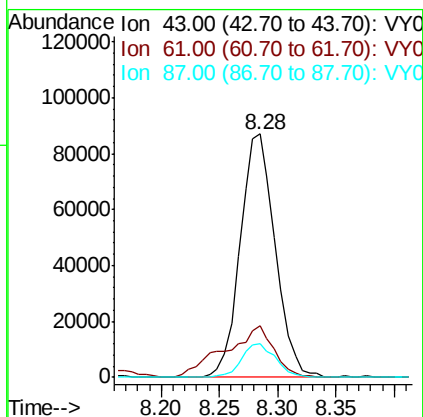
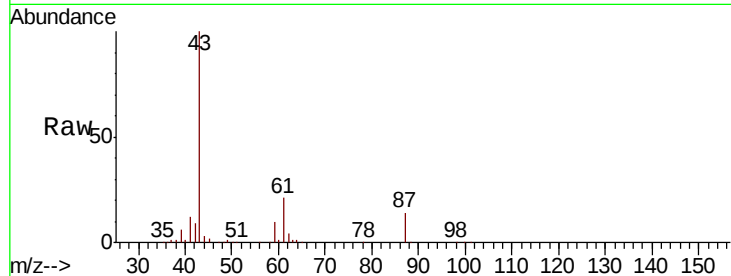
ClientSampleId :

TP1-2FTMS

Tot Ion:	43	Resp:	181264
Ion	Ratio	Lower	Upper
43	100		
61	29.6	22.3	33.5
87	13.6	10.9	16.3

Manual Integrations
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MMDadoda
10/24/2019 4:30:33 PM



#44

Trichloroethene

Concen: 51.772 ug/l

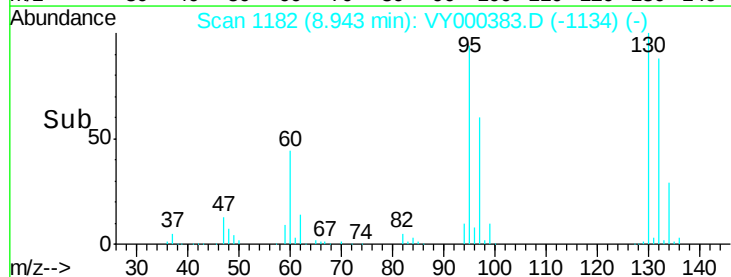
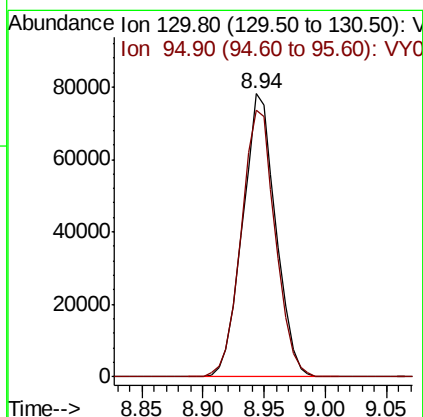
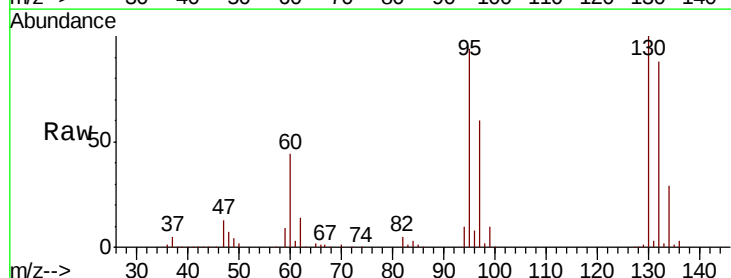
RT: 8.94 min Scan# 1182

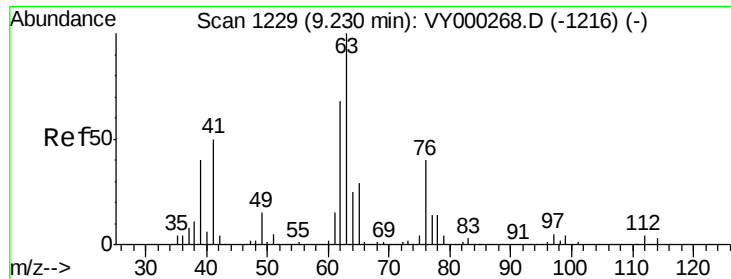
Delta R.T. -0.01 min

Lab File: VY000383.D

Acq: 23 Oct 2019 16:00

Tgt Ion:	130	Resp:	147248
Ion	Ratio	Lower	Upper
130	100		
95	94.1	0.0	191.4





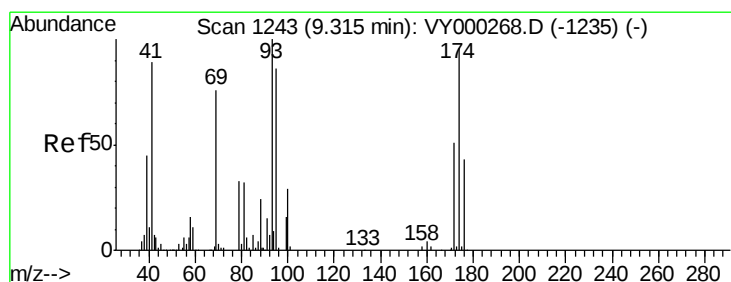
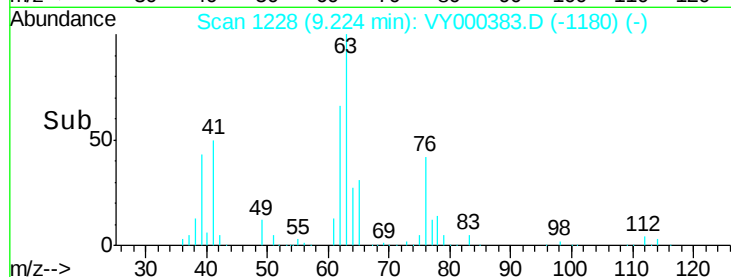
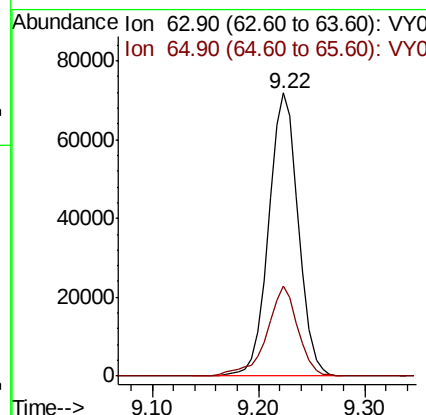
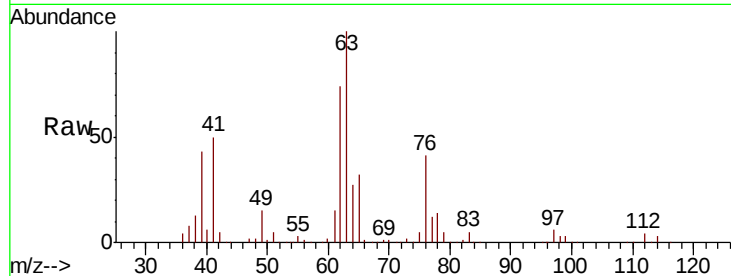
#45
 1,2-Dichloropropane
 Concen: 56.100 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: VY000383.D
 Acq: 23 Oct 2019 16:00

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP1-2FTMS

Tot Ion: 63 Resp: 139552
 Ion Ratio Lower Upper
 63 100
 65 31.9 23.2 34.8

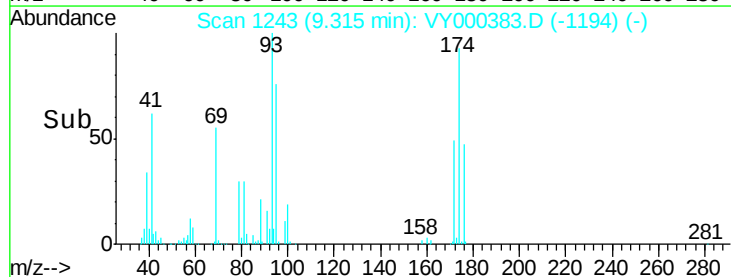
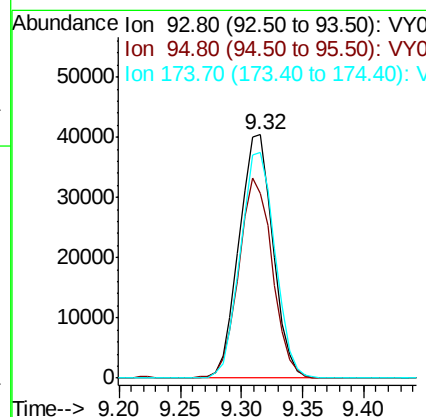
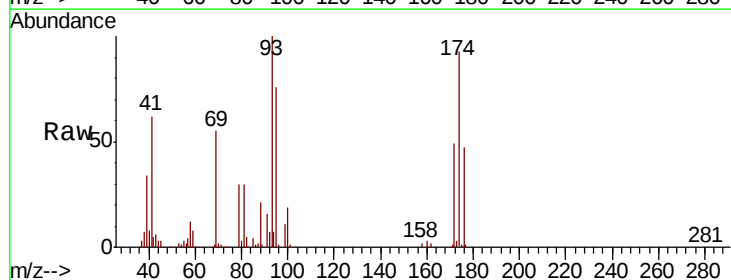
Manual Integrations
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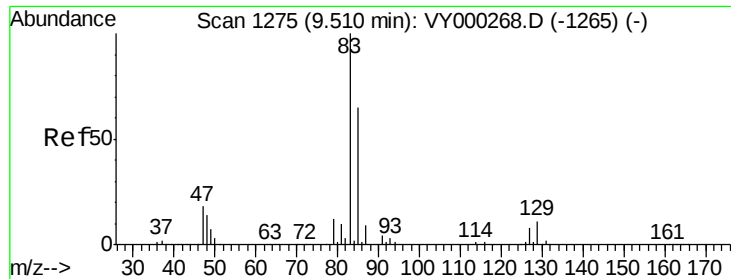
MMDadoda
 10/24/2019 4:30:33 PM



#46
 Dibromomethane
 Concen: 55.957 ug/l
 RT: 9.32 min Scan# 1243
 Delta R.T. -0.00 min
 Lab File: VY000383.D
 Acq: 23 Oct 2019 16:00

Tgt Ion: 93 Resp: 77813
 Ion Ratio Lower Upper
 93 100
 95 81.0 68.2 102.2
 174 95.1 79.8 119.6





#47

Bromodichloromethane

Concen: 57.184 ug/l

RT: 9.50 min Scan# 1274

Delta R.T. -0.01 min

Lab File: VY000383.D

Acq: 23 Oct 2019 16:00

Instrument :

MSVOA_Y

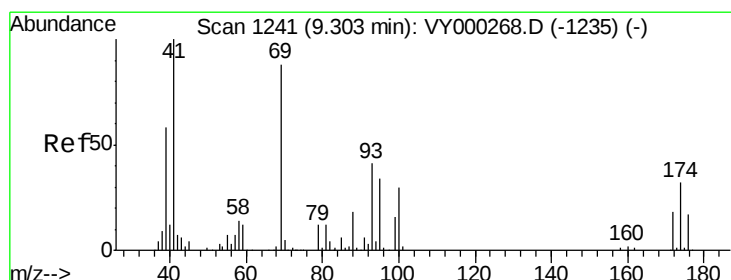
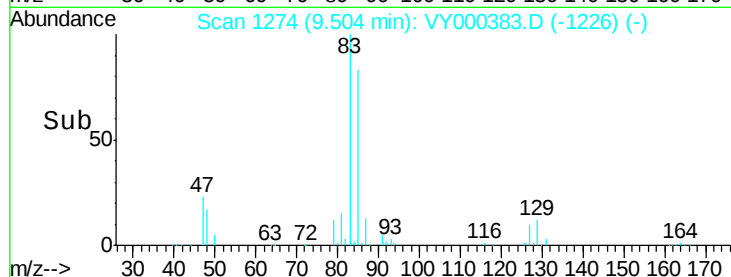
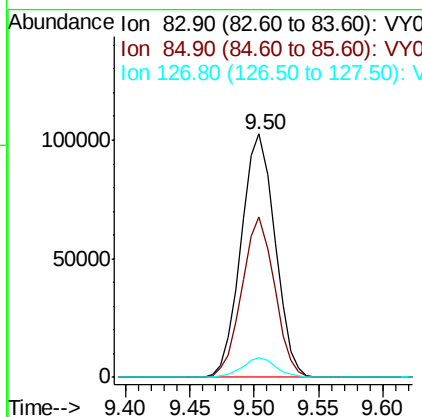
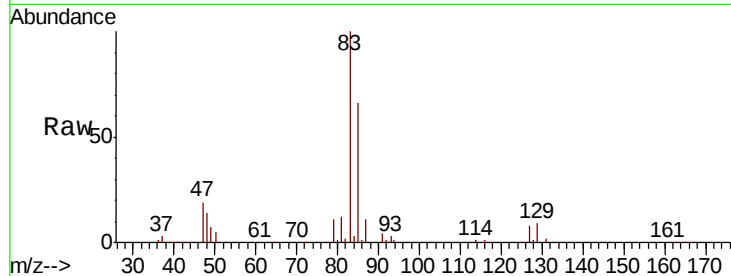
ClientSampleId :

TP1-2FTMS

Tot Ion:	83	Resp:	187403
Ion Ratio	Lower	Upper	
83	100		
85	65.6	52.2	78.2
127	8.0	6.3	9.5

Manual Integrations
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MMDadoda
10/24/2019 4:30:33 PM



#48

Methyl methacrylate

Concen: 66.252 ug/l

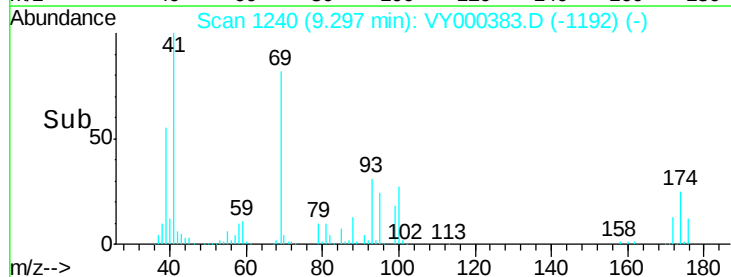
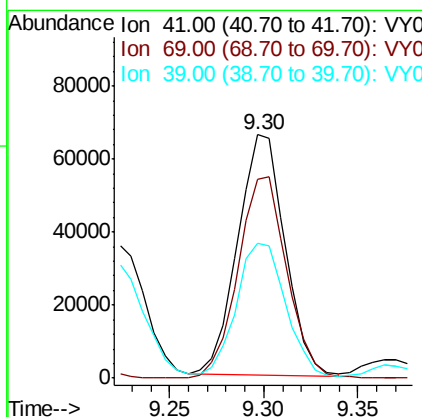
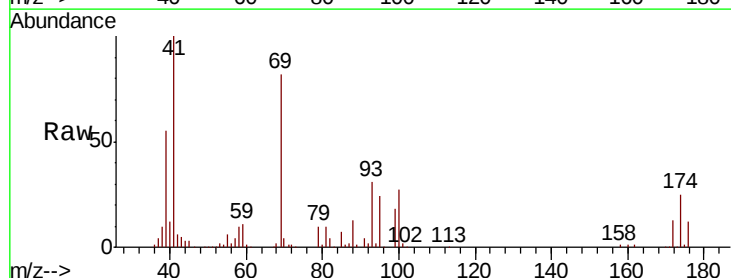
RT: 9.30 min Scan# 1240

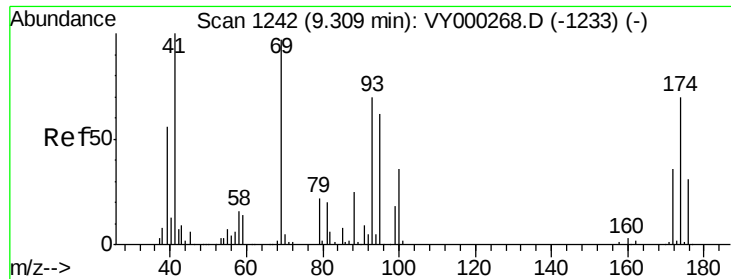
Delta R.T. -0.01 min

Lab File: VY000383.D

Acq: 23 Oct 2019 16:00

Tgt Ion:	41	Resp:	114662
Ion Ratio	Lower	Upper	
41	100		
69	86.5	70.0	105.0
39	59.5	47.7	71.5





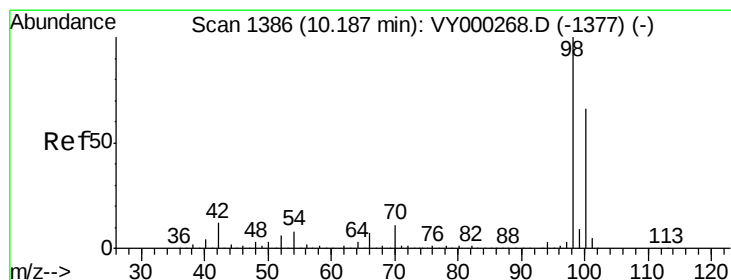
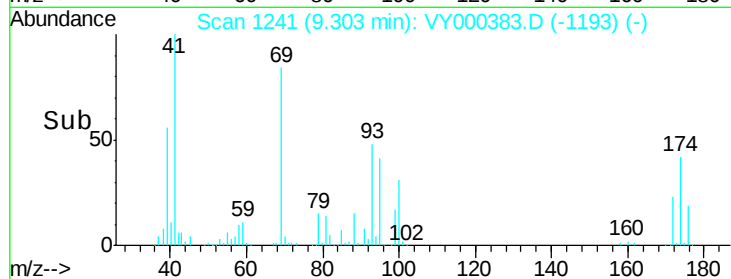
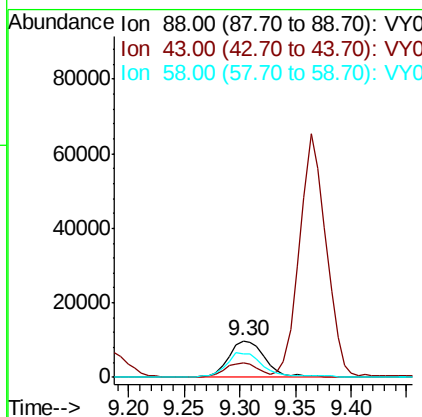
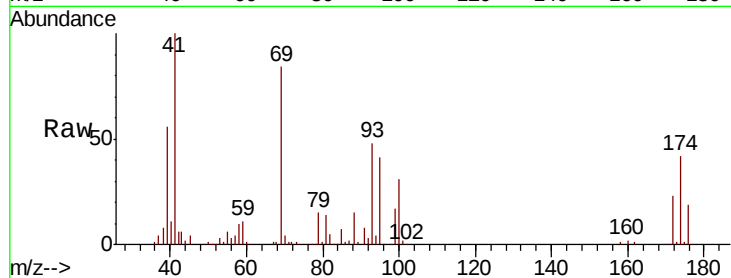
#49
1,4-Dioxane
Concen: 1063.162 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. -0.01 min
Lab File: VY000383.D
Acq: 23 Oct 2019 16:00

Instrument :
MSVOA_Y
ClientSampleId :
TP1-2FTMS

Tot Ion	88	Resp	22167
Ion	Ratio	Lower	Upper
88	100		
43	36.8	25.6	38.4
58	72.7	54.6	81.8

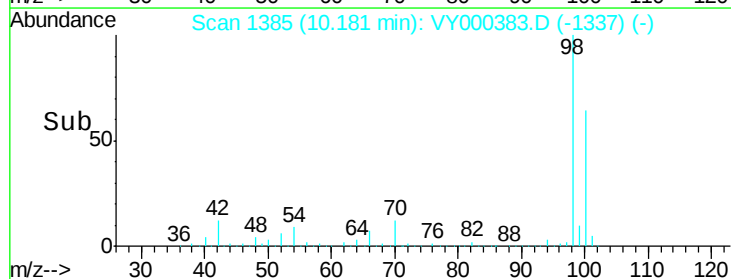
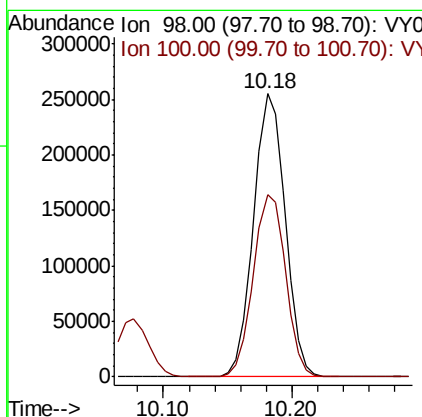
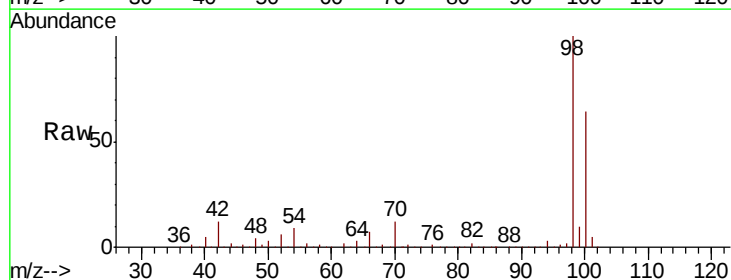
Manual Integrations
APPROVED

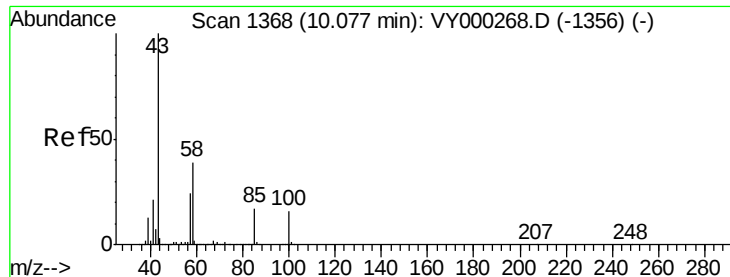
MMDadoda
10/24/2019 4:30:33 PM



#50
Toluene-d8
Concen: 52.032 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.01 min
Lab File: VY000383.D
Acq: 23 Oct 2019 16:00

Tgt Ion	98	Resp	432545
Ion	Ratio	Lower	Upper
98	100		
100	65.8	52.8	79.2





#51

4-Methyl-2-Pentanone

Concen: 282.213 ug/l

RT: 10.08 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VY000383.D

Acq: 23 Oct 2019 16:00

Instrument :

MSVOA_Y

ClientSampleId :

TP1-2FTMS

Tot Ion: 43 Resp: 574821

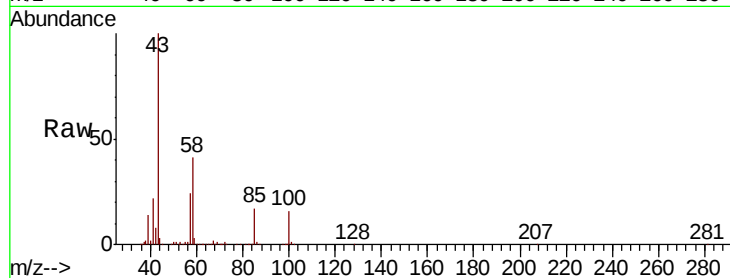
Ion Ratio Lower Upper

43 100

58 39.5 31.0 46.6

Manual Integrations
APPROVED

MMDadoda
10/24/2019 4:30:33 PM



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

10.08

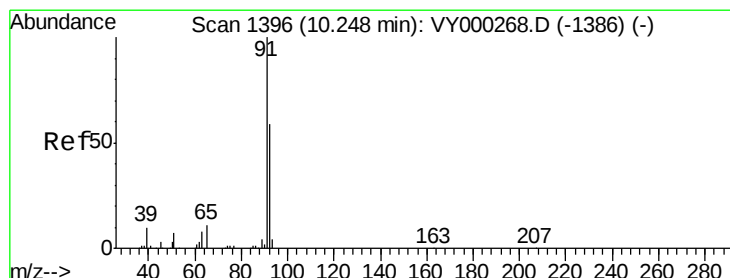
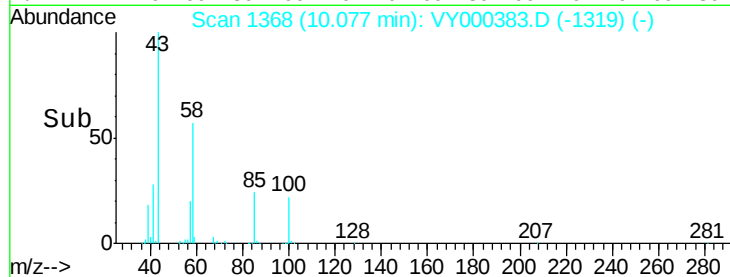
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 53.097 ug/l

RT: 10.25 min Scan# 1396

Delta R.T. -0.00 min

Lab File: VY000383.D

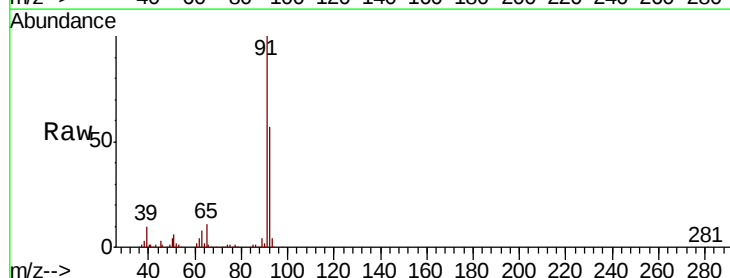
Acq: 23 Oct 2019 16:00

Tgt Ion: 92 Resp: 341711

Ion Ratio Lower Upper

92 100

91 171.4 136.6 205.0



Abundance Ion 92.00 (91.70 to 92.70): VY0

Ion 91.00 (90.70 to 91.70): VY0

400000

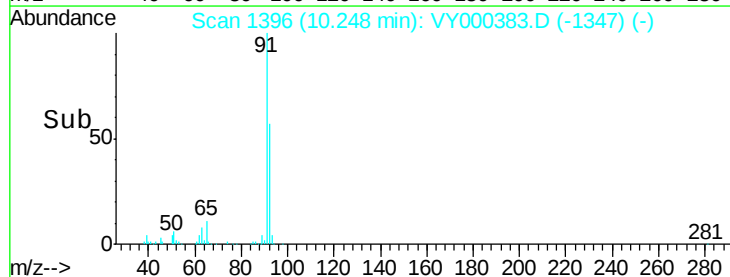
300000

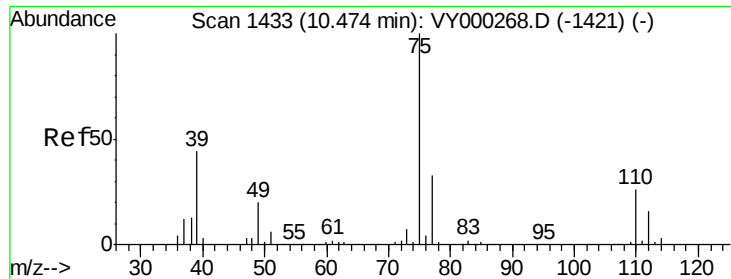
200000

100000

0

Time-->





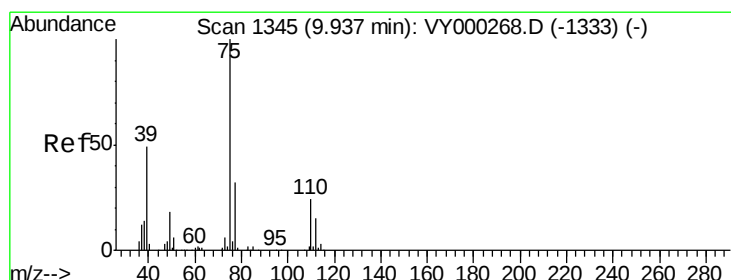
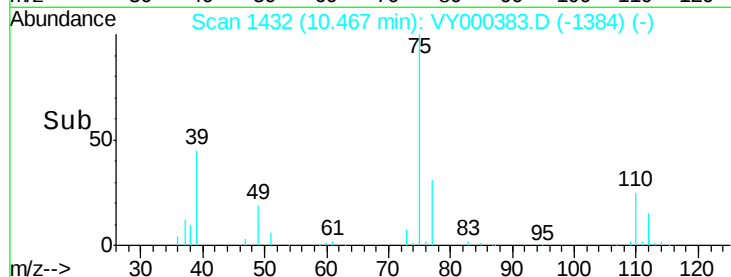
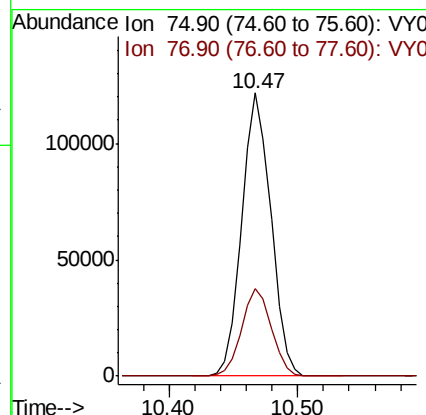
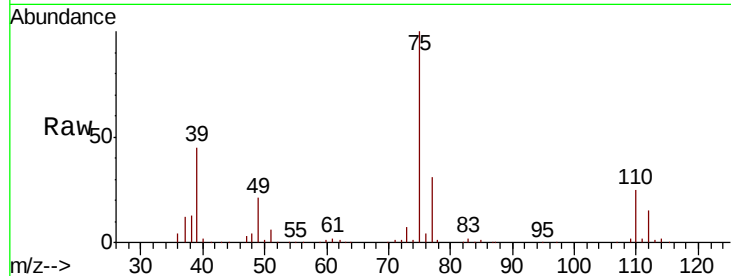
#53
t-1,3-Dichloropropene
Concen: 54.129 ug/l
RT: 10.47 min Scan# 1432
Delta R.T. -0.01 min
Lab File: VY000383.D
Acq: 23 Oct 2019 16:00

Instrument :
MSVOA_Y
ClientSampleId :
TP1-2FTMS

Tot Ion	Ratio	Resp	Lower	Upper
75	100	190110		
77	30.9	26.0	39.0	

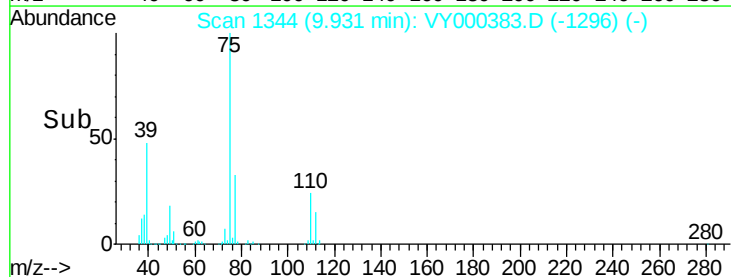
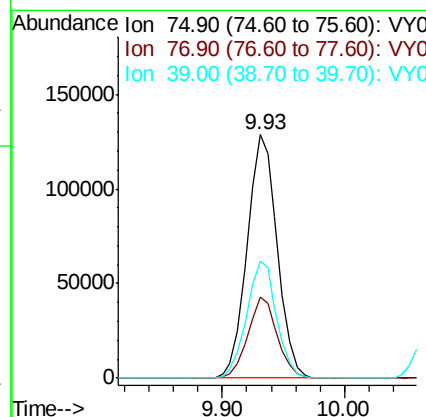
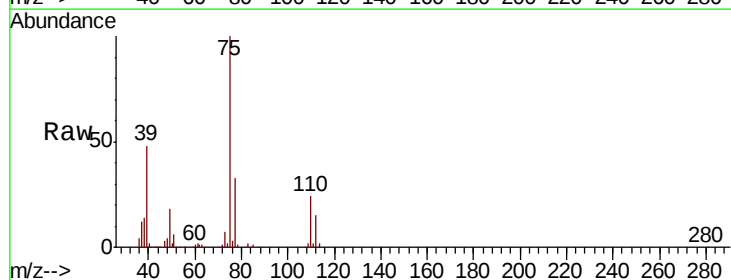
Manual Integrations
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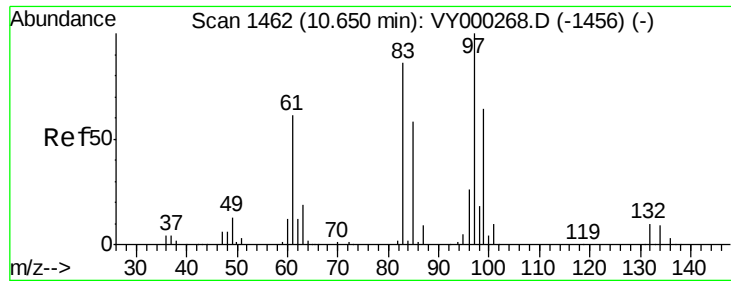
MMDadoda
10/24/2019 4:30:33 PM



#54
cis-1,3-Dichloropropene
Concen: 54.753 ug/l
RT: 9.93 min Scan# 1344
Delta R.T. -0.01 min
Lab File: VY000383.D
Acq: 23 Oct 2019 16:00

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	218387		
77	33.4	26.0	39.0	
39	47.9	38.8	58.2	





#55

1,1,2-Trichloroethane

Concen: 55.868 ug/l

RT: 10.65 min Scan# 1462

Delta R.T. -0.00 min

Lab File: VY000383.D

Acq: 23 Oct 2019 16:00

Instrument :

MSVOA_Y

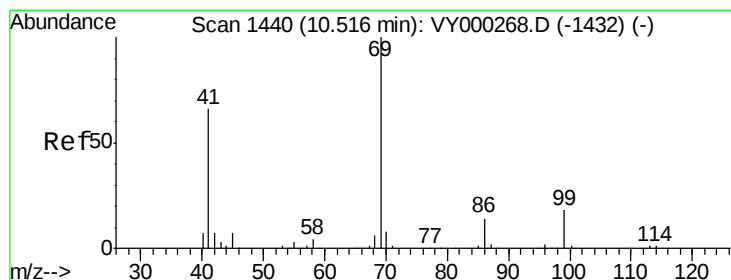
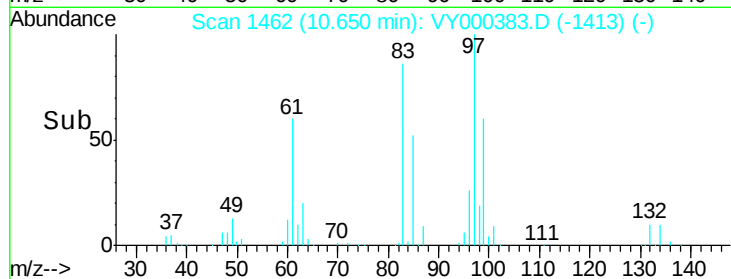
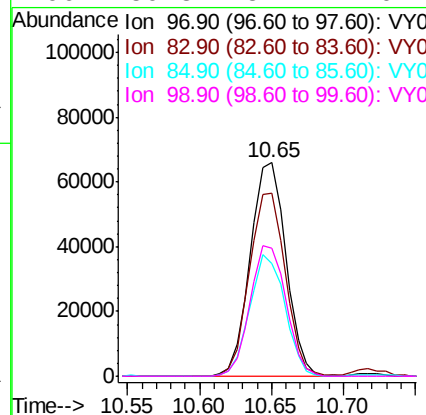
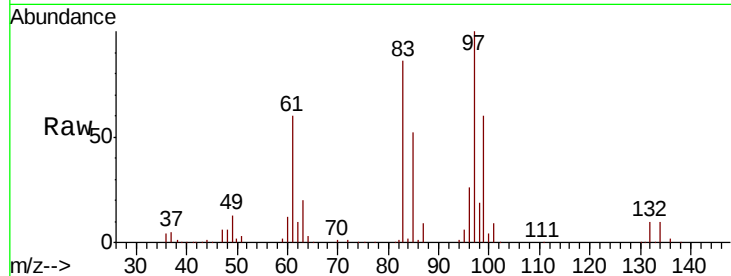
ClientSampleId :

TP1-2FTMS

Tot Ion:	97	Resp:	112957
Ion	Ratio	Lower	Upper
97	100		
83	85.7	69.0	103.6
85	52.5	46.2	69.4
99	59.8	51.1	76.7

Manual Integrations
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#56

Ethyl methacrylate

Concen: 41.397 ug/l

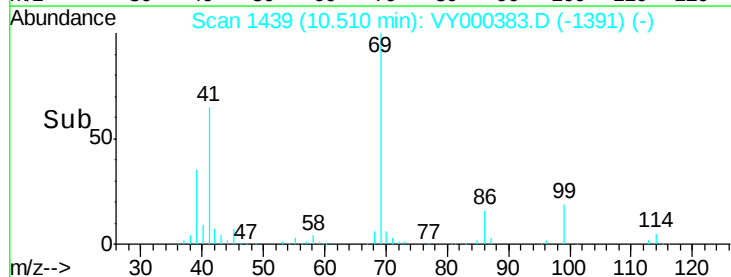
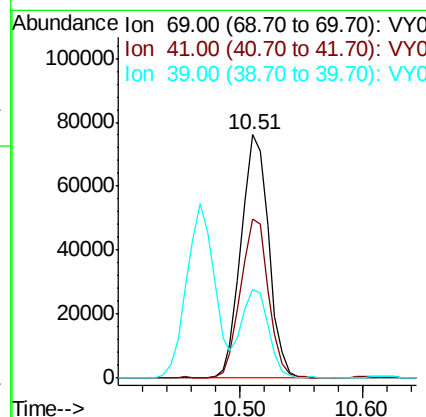
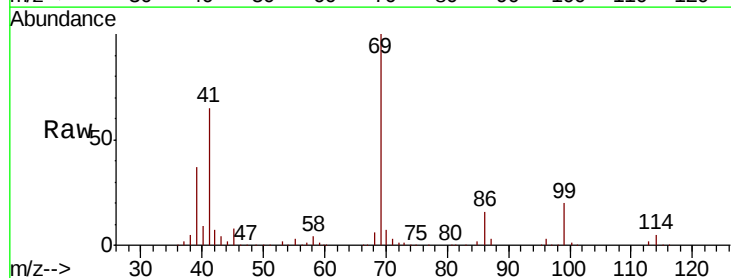
RT: 10.51 min Scan# 1439

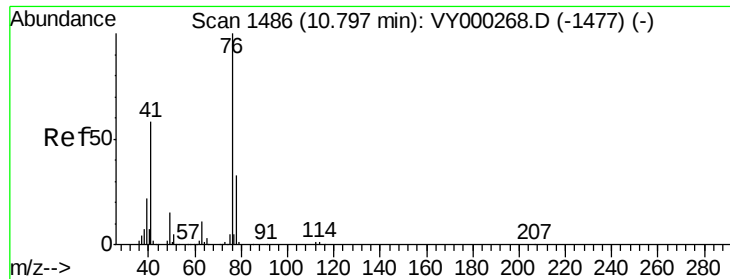
Delta R.T. -0.01 min

Lab File: VY000383.D

Acq: 23 Oct 2019 16:00

Tgt Ion:	69	Resp:	119302
Ion	Ratio	Lower	Upper
69	100		
41	65.6	52.5	78.7
39	35.7	26.7	40.1





#57

1,3-Dichloropropane

Concen: 56.059 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. -0.01 min

Lab File: VY000383.D

Acq: 23 Oct 2019 16:00

Instrument :

MSVOA_Y

ClientSampleId :

TP1-2FTMS

Tot Ion: 76 Resp: 194656

Ion Ratio Lower Upper

76 100

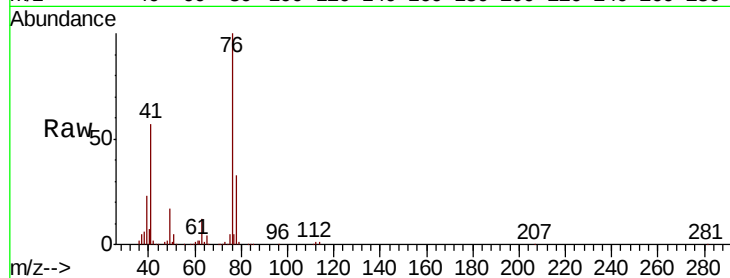
78 32.9 26.2 39.2

Manual Integrations

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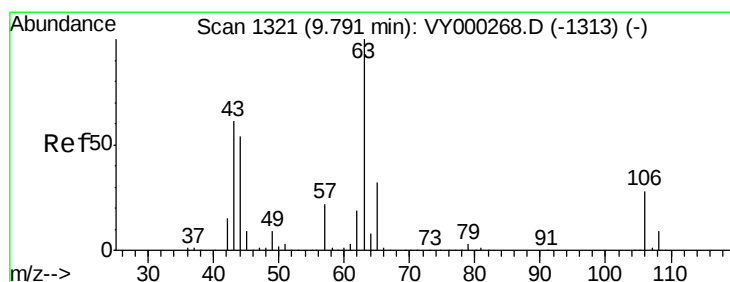
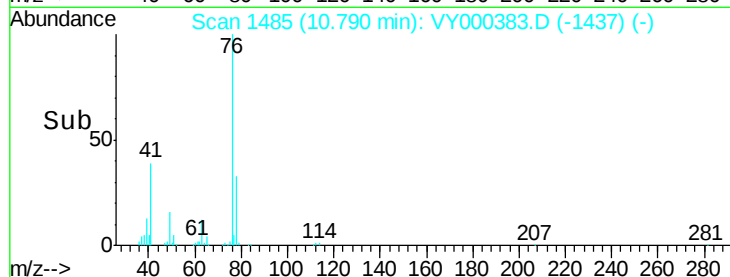
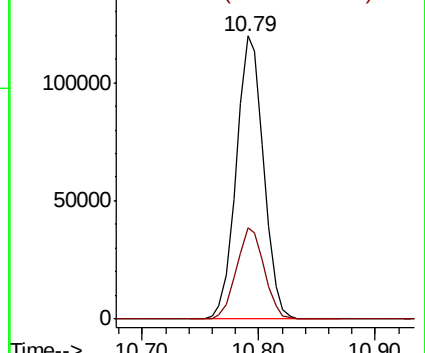
MMDadoda

10/24/2019 4:30:33 PM



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#58

2-Chloroethyl Vinyl ether

Concen: 303.948 ug/l

RT: 9.79 min Scan# 1321

Delta R.T. -0.00 min

Lab File: VY000383.D

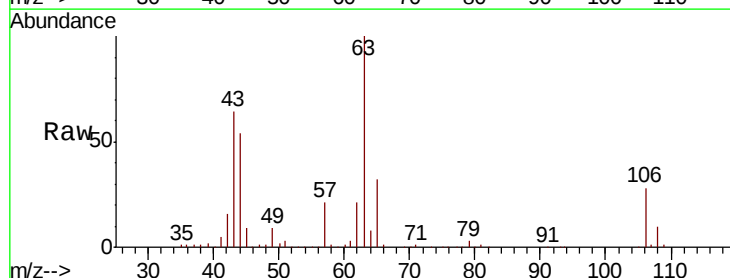
Acq: 23 Oct 2019 16:00

Tgt Ion: 63 Resp: 349385

Ion Ratio Lower Upper

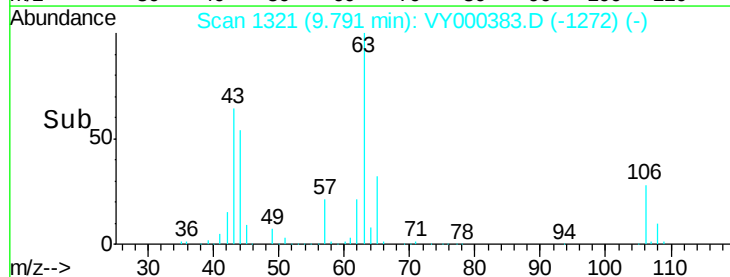
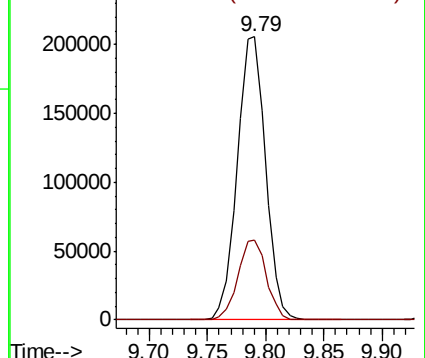
63 100

106 28.4 23.0 34.4



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V





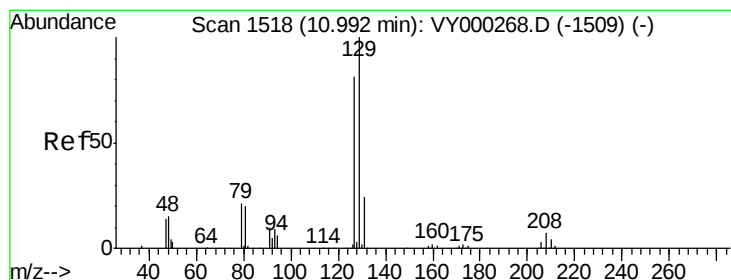
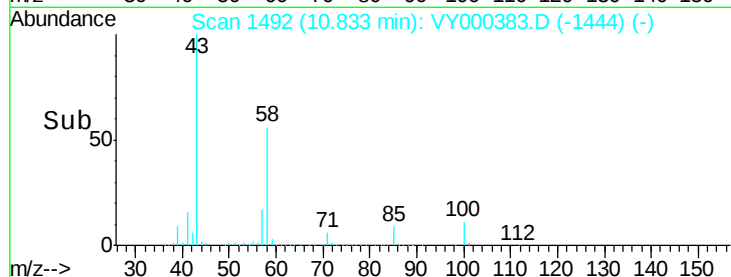
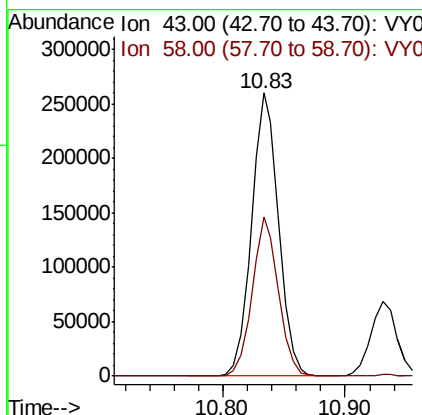
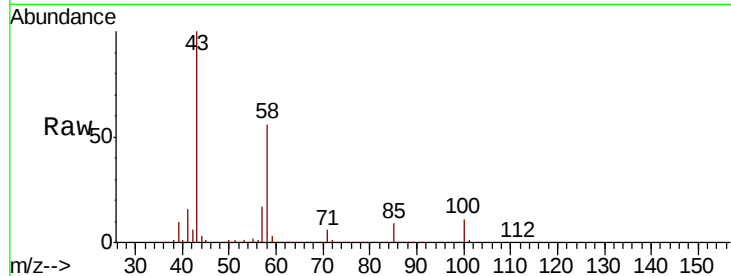
#59
2-Hexanone
Concen: 279.469 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.01 min
Lab File: VY000383.D
Acq: 23 Oct 2019 16:00

Instrument :
MSVOA_Y
ClientSampleId :
TP1-2FTMS

Tot Ion	Ratio	Lower	Upper
43	100		
58	54.5	27.7	83.1

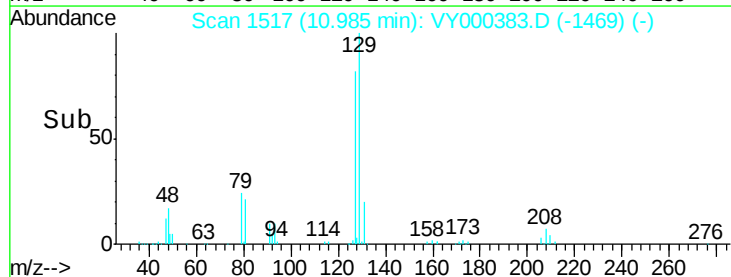
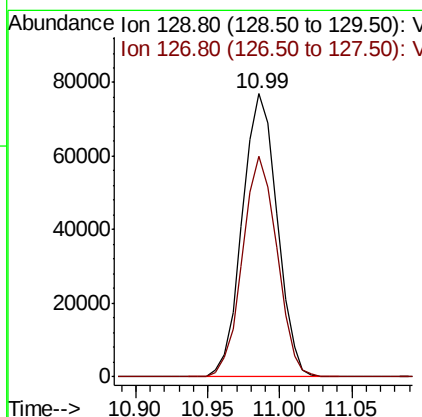
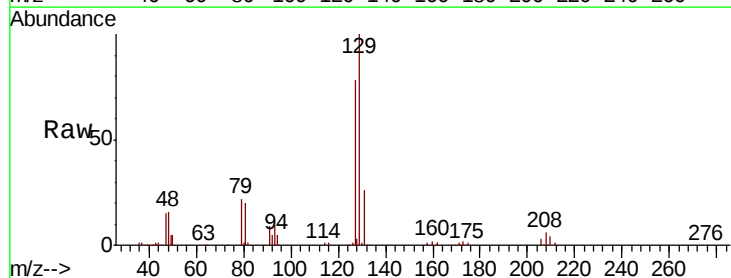
Manual Integrations
APPROVED

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10/24/2019 4:30:33 PM



#60
Dibromochloromethane
Concen: 57.615 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.01 min
Lab File: VY000383.D
Acq: 23 Oct 2019 16:00

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.1	39.9	119.7





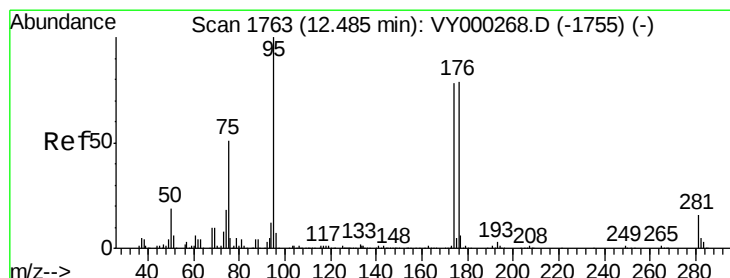
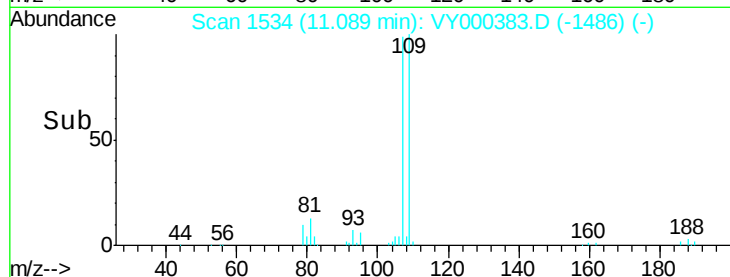
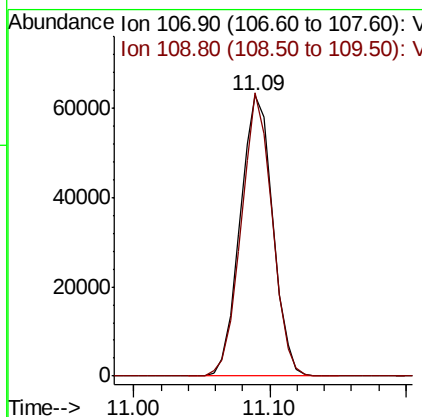
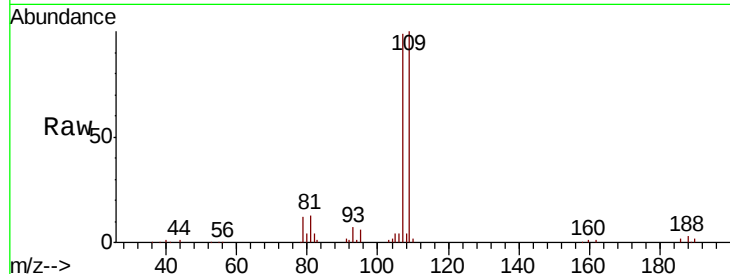
#61
1,2-Dibromoethane
Concen: 54.192 ug/l
RT: 11.09 min Scan# 1534
Delta R.T. -0.01 min
Lab File: VY000383.D
Acq: 23 Oct 2019 16:00

Instrument :
MSVOA_Y
ClientSampleId :
TP1-2FTMS

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.6	75.1	112.7

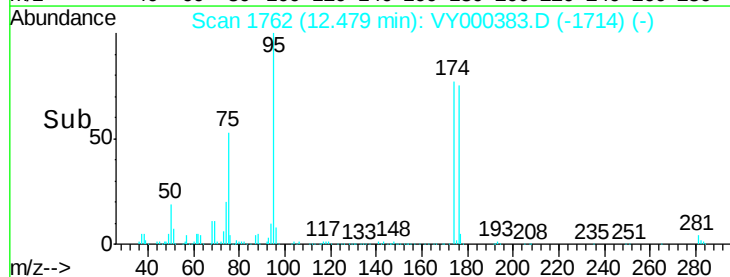
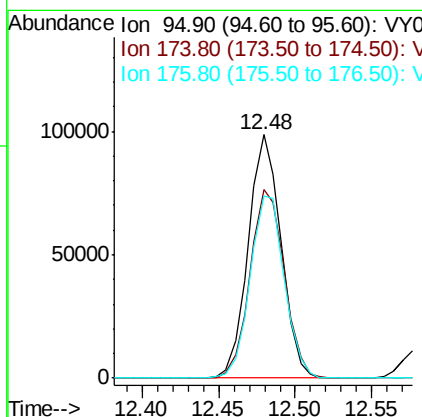
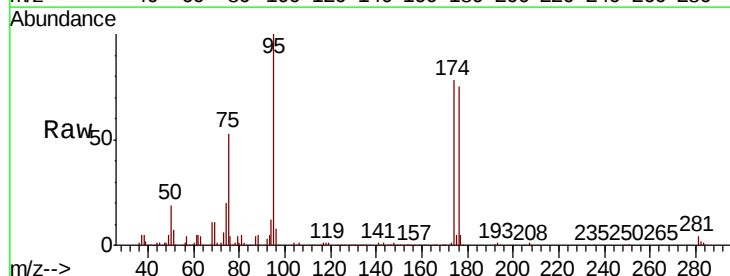
Manual Integrations
APPROVED

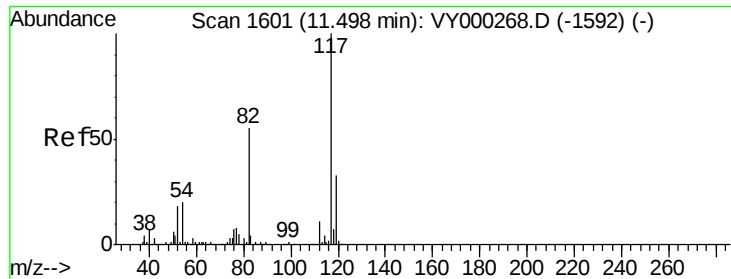
MMDadoda
10/24/2019 4:30:33 PM



#62
4-Bromofluorobenzene
Concen: 46.482 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.01 min
Lab File: VY000383.D
Acq: 23 Oct 2019 16:00

Tgt Ion	Ratio	Lower	Upper
95	100		
174	81.3	0.0	159.6
176	78.5	0.0	153.8





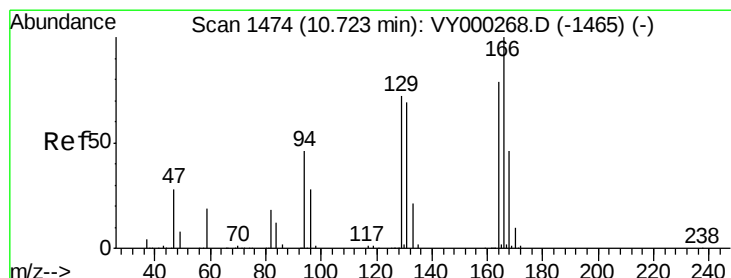
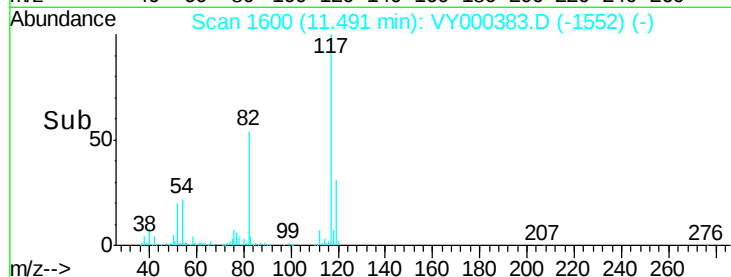
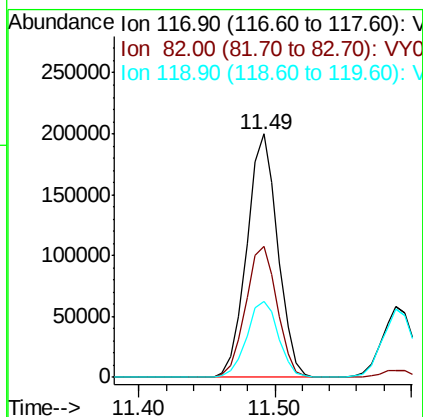
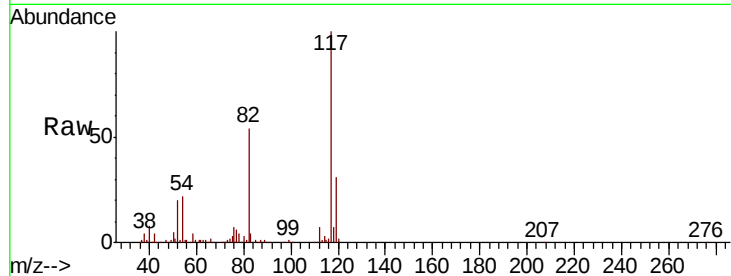
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY000383.D
Acq: 23 Oct 2019 16:00

Instrument :
MSVOA_Y
ClientSampleId :
TP1-2FTMS

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.7	43.7	65.5
119	31.1	26.6	39.8

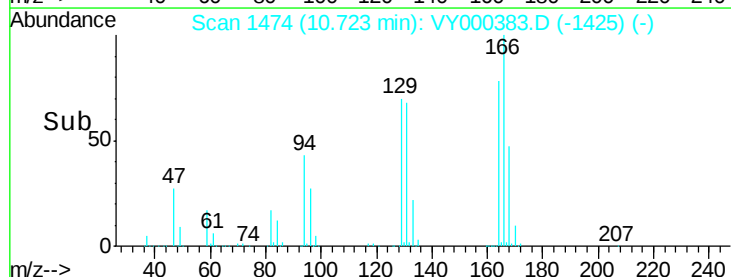
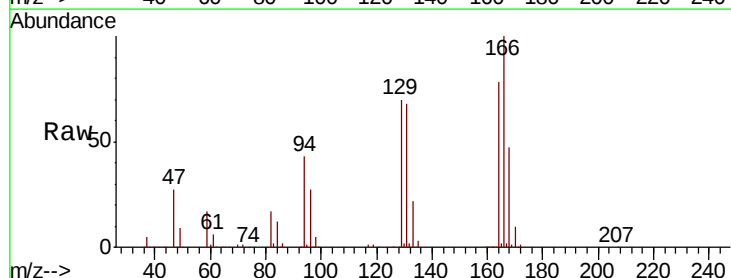
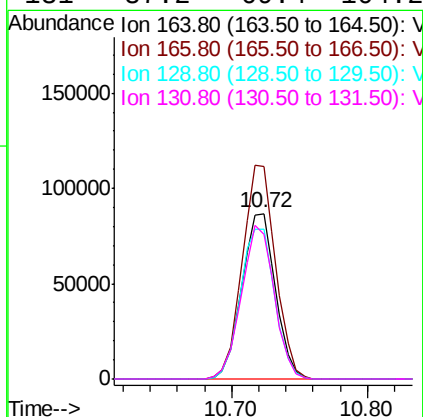
Manual Integrations
APPROVED

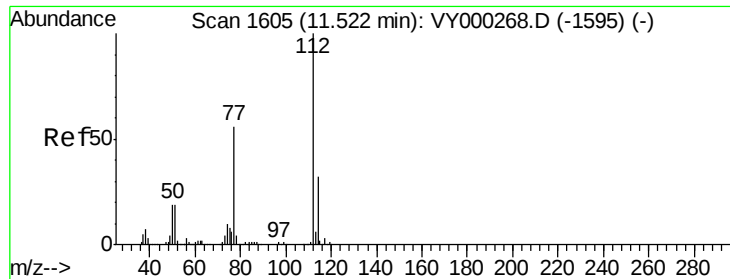
MMDadoda
10/24/2019 4:30:33 PM



#64
Tetrachloroethene
Concen: 49.655 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VY000383.D
Acq: 23 Oct 2019 16:00

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.3	100.6	151.0
129	90.4	72.8	109.2
131	87.2	69.4	104.2





#65

Chlorobenzene

Concen: 53.398 ug/l

RT: 11.52 min Scan# 1604

Delta R.T. -0.01 min

Lab File: VY000383.D

Acq: 23 Oct 2019 16:00

Instrument :

MSVOA_Y

ClientSampleId :

TP1-2FTMS

Tot Ion:112 Resp: 357950

Ion Ratio Lower Upper

112 100

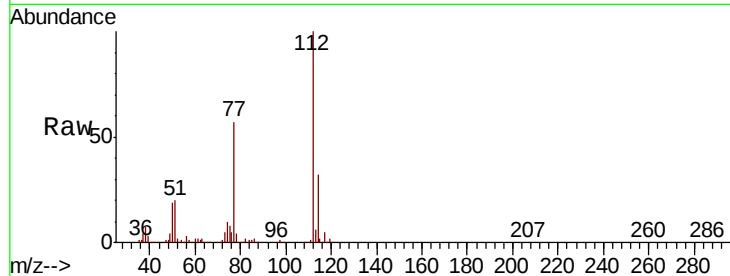
114 32.1 25.7 38.5

Manual Integrations

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

11.52

200000

150000

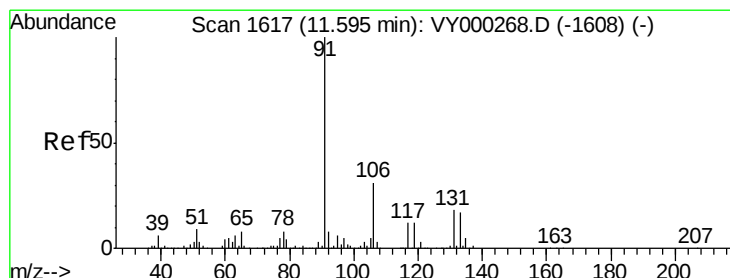
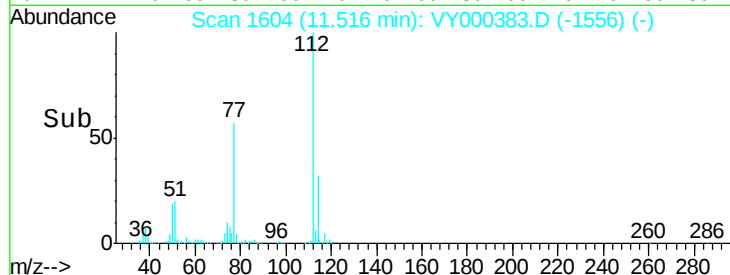
100000

50000

0

11.50 11.60

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 57.232 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. -0.01 min

Lab File: VY000383.D

Acq: 23 Oct 2019 16:00

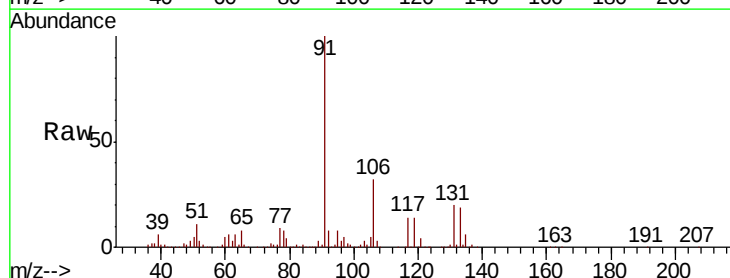
Tgt Ion:131 Resp: 134769

Ion Ratio Lower Upper

131 100

133 94.2 47.2 141.6

119 65.5 32.6 98.0



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

11.59

100000

80000

60000

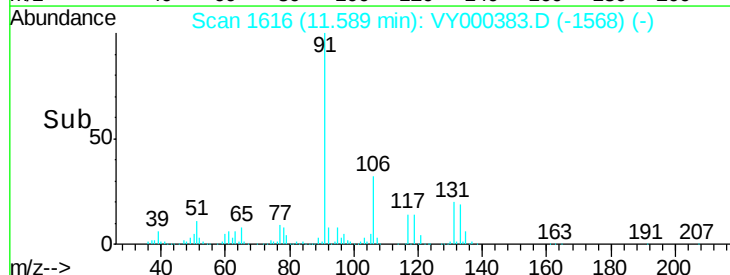
40000

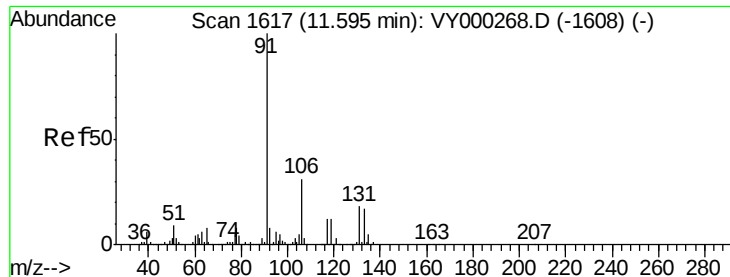
20000

0

11.50 11.55 11.60 11.65

Time-->





#67

Ethyl Benzene

Concen: 52.893 ug/l

RT: 11.60 min Scan# 1617

Delta R.T. -0.00 min

Lab File: VY000383.D

Acq: 23 Oct 2019 16:00

Instrument :

MSVOA_Y

ClientSampleId :

TP1-2FTMS

Tot Ion: 91 Resp: 657286

Ion Ratio Lower Upper

91 100

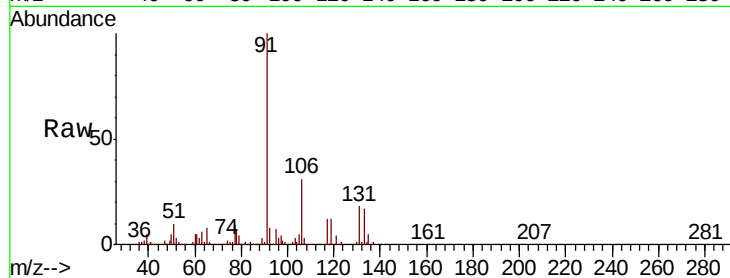
106 31.5 25.0 37.6

Manual Integrations

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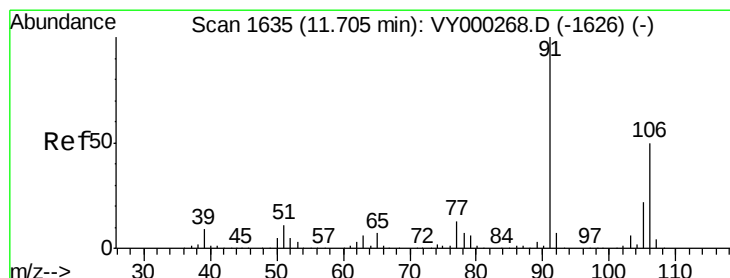
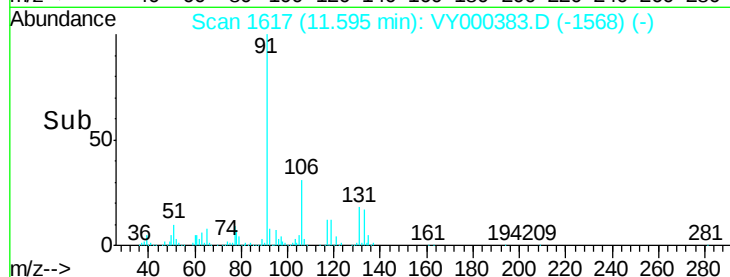
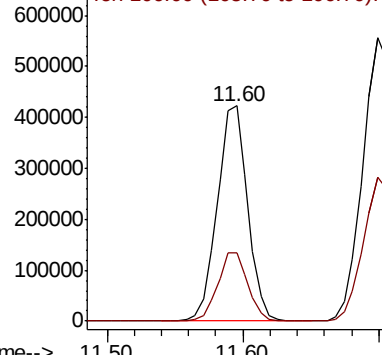
MMDadoda

10/24/2019 4:30:33 PM



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 106.628 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. -0.01 min

Lab File: VY000383.D

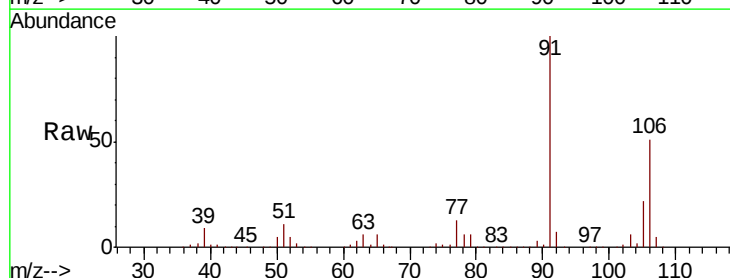
Acq: 23 Oct 2019 16:00

Tgt Ion: 106 Resp: 506540

Ion Ratio Lower Upper

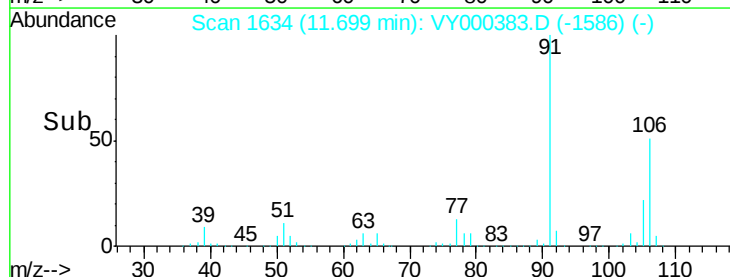
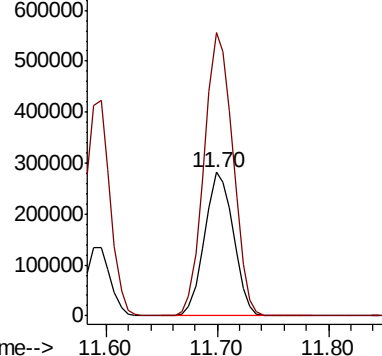
106 100

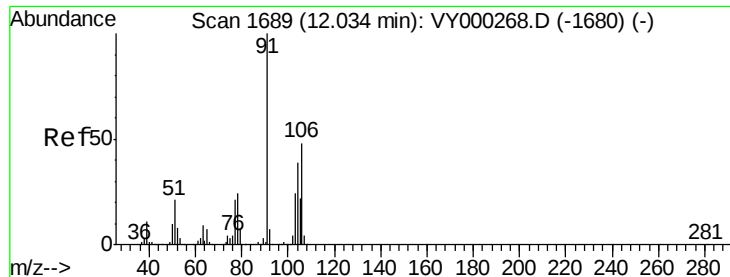
91 197.4 157.5 236.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VY0





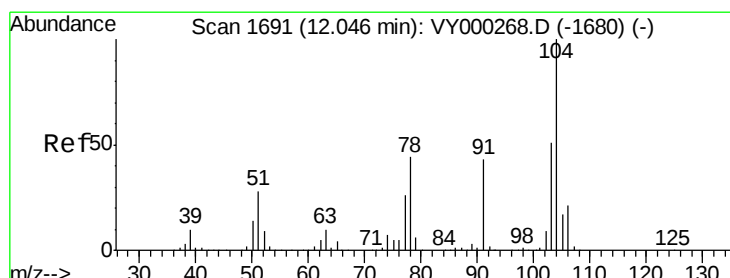
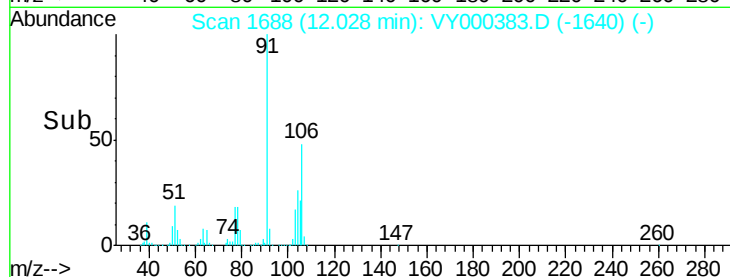
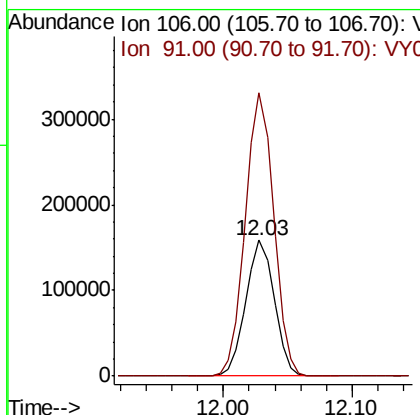
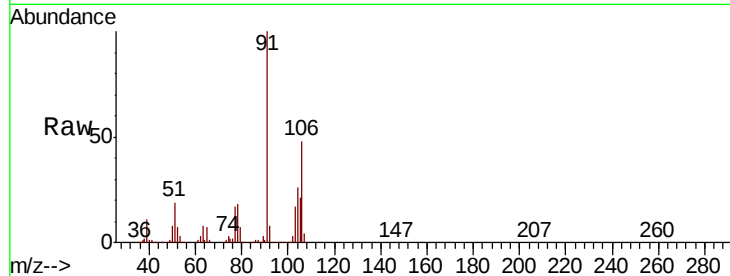
#69
o-Xylene
Concen: 53.326 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.01 min
Lab File: VY000383.D
Acq: 23 Oct 2019 16:00

Instrument :
MSVOA_Y
ClientSampleId :
TP1-2FTMS

Tot Ion:106 Resp: 241666
Ion Ratio Lower Upper
106 100
91 208.7 104.7 313.9

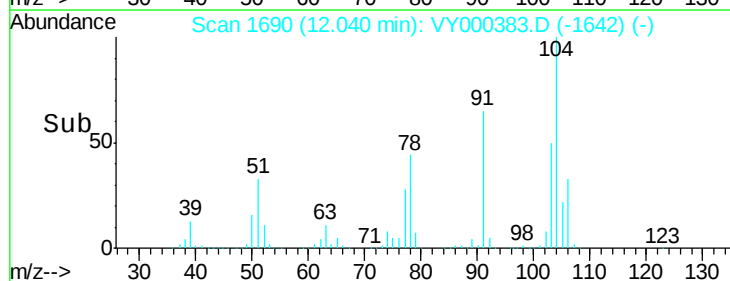
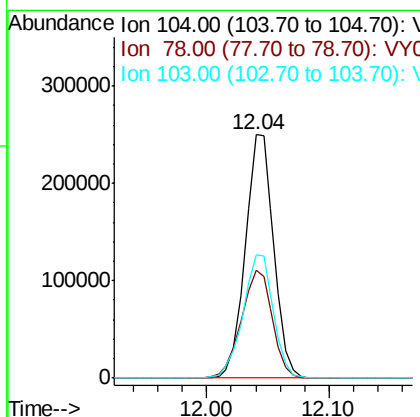
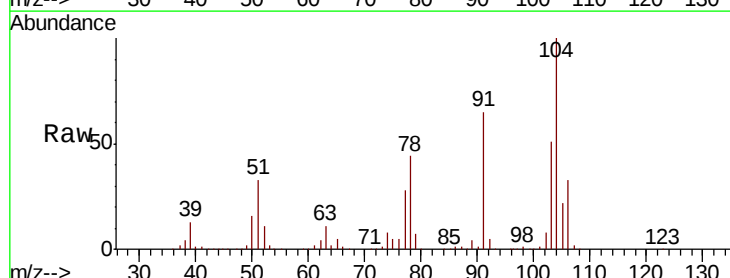
Manual Integrations
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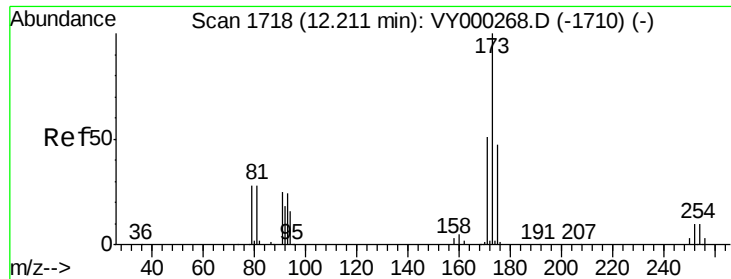
MMDadoda
10/24/2019 4:30:33 PM



#70
Styrene
Concen: 52.669 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.01 min
Lab File: VY000383.D
Acq: 23 Oct 2019 16:00

Tgt Ion:104 Resp: 402548
Ion Ratio Lower Upper
104 100
78 48.3 39.0 58.6
103 54.2 43.1 64.7





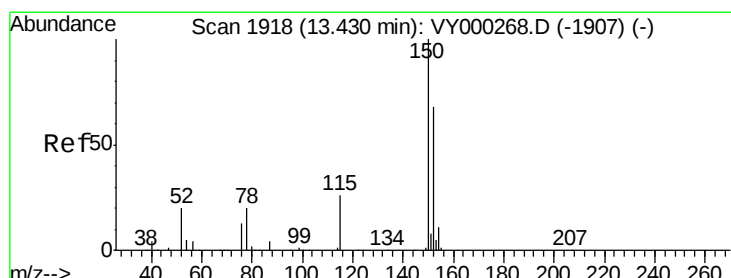
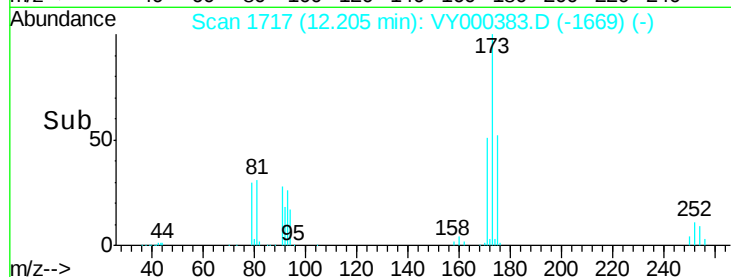
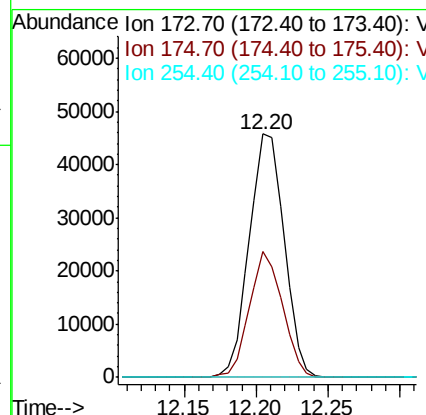
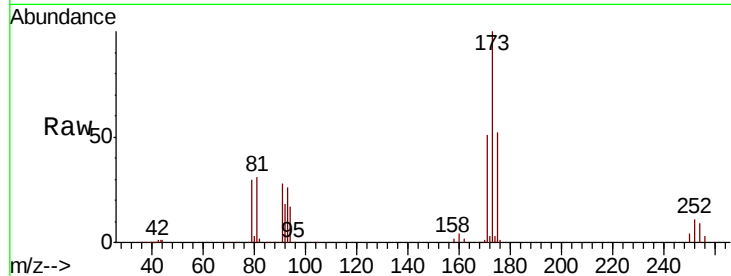
#71
Bromoform
Concen: 56.789 ug/l
RT: 12.20 min Scan# 1717
Delta R.T. -0.01 min
Lab File: VY000383.D
Acq: 23 Oct 2019 16:00

Instrument :
MSVOA_Y
ClientSampleId :
TP1-2FTMS

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.9	24.6	73.6
254	0.1	0.1	0.1

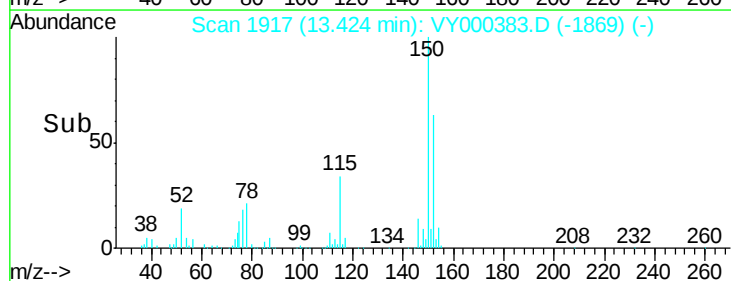
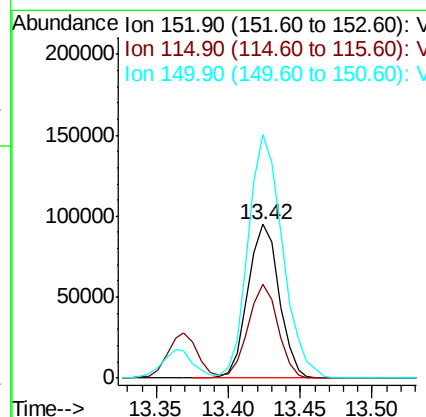
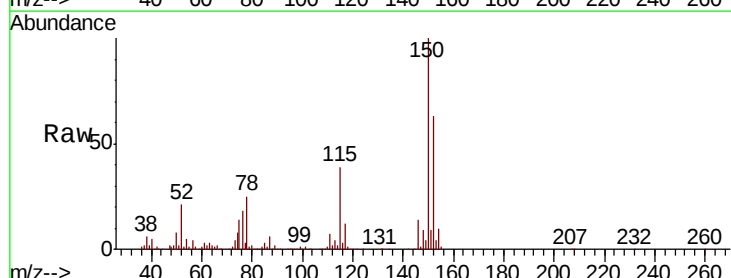
Manual Integrations
APPROVED

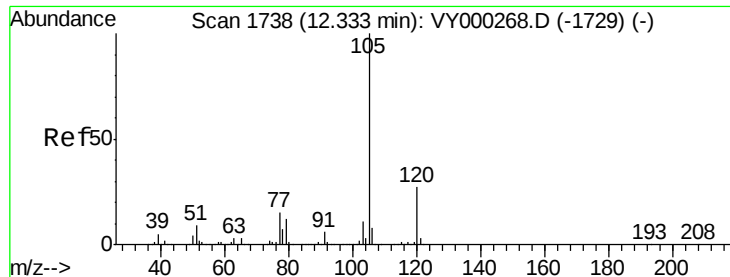
MMDadoda
10/24/2019 4:30:33 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.01 min
Lab File: VY000383.D
Acq: 23 Oct 2019 16:00

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.5	29.3	88.0
150	174.9	0.0	348.4





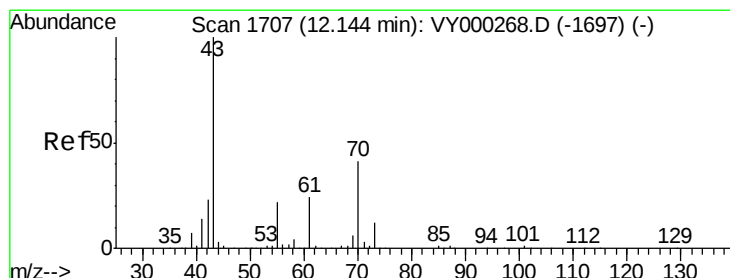
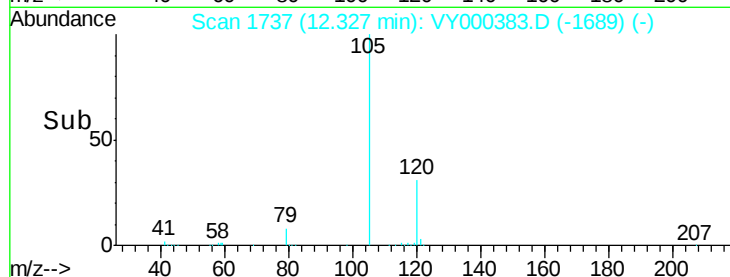
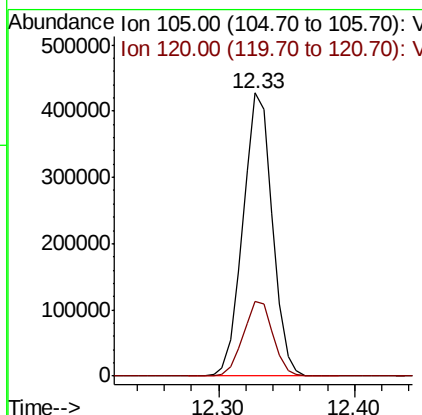
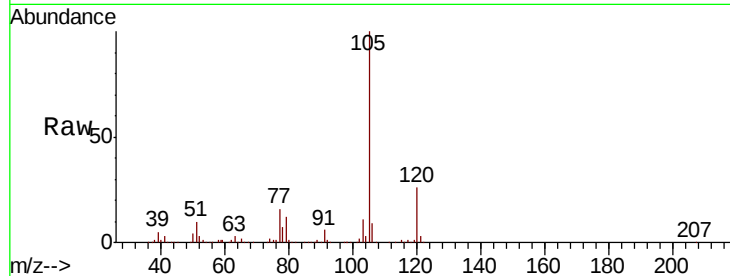
#73
Isopropylbenzene
Concen: 57.976 ug/l
RT: 12.33 min Scan# 1737
Delta R.T. -0.01 min
Lab File: VY000383.D
Acq: 23 Oct 2019 16:00

Instrument :
MSVOA_Y
ClientSampleId :
TP1-2FTMS

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.7	13.4	40.2

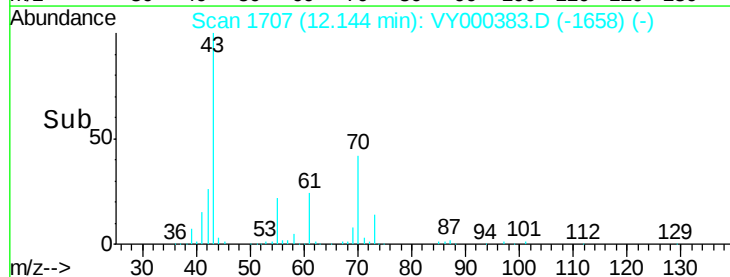
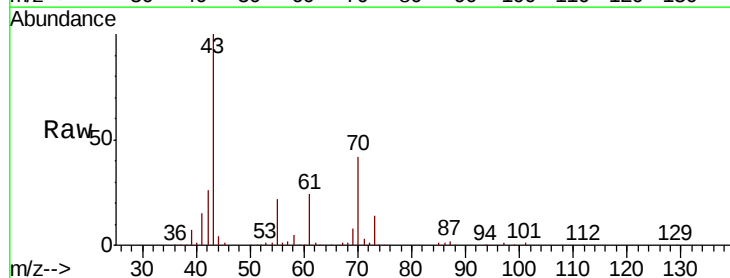
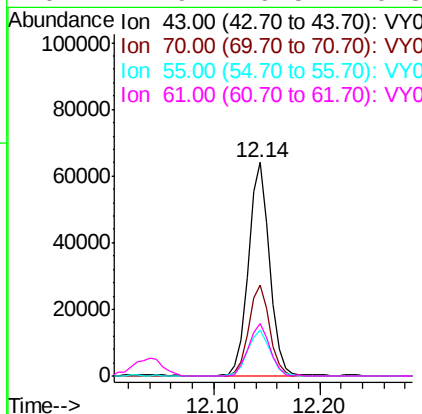
Manual Integrations
APPROVED

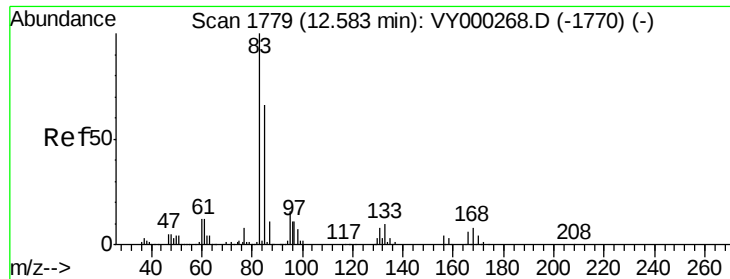
MMDadoda
10/24/2019 4:30:33 PM



#74
N-ethyl acetate
Concen: 32.711 ug/l
RT: 12.14 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VY000383.D
Acq: 23 Oct 2019 16:00

Tgt Ion	Ratio	Lower	Upper
43	100		
70	42.1	32.9	49.3
55	22.8	17.8	26.6
61	24.9	19.5	29.3





#75

1,1,2,2-Tetrachloroethane

Concen: 61.723 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY000383.D

Acq: 23 Oct 2019 16:00

Instrument :

MSVOA_Y

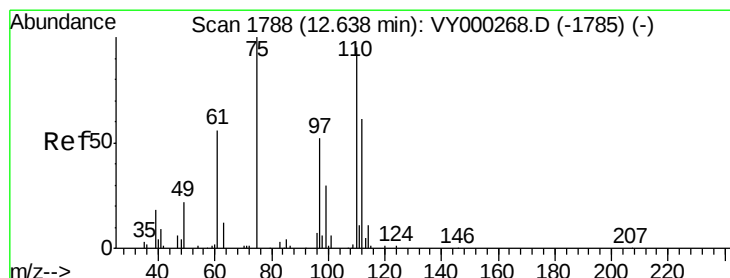
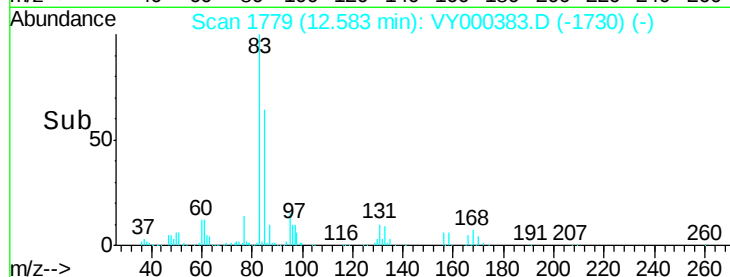
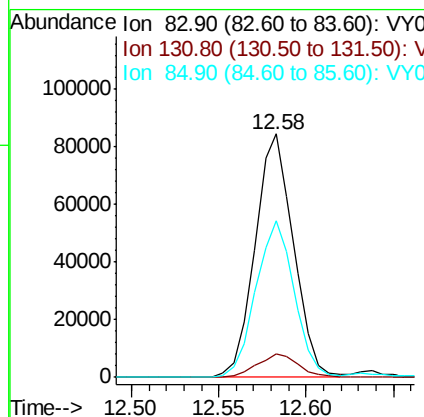
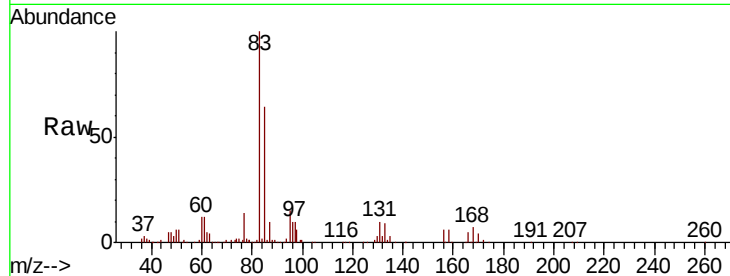
ClientSampleId :

TP1-2FTMS

Tot Ion:	83	Resp:	128805
Ion Ratio	Lower	Upper	
83	100		
131	10.4	5.3	16.1
85	64.7	32.9	98.7

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#76

1,2,3-Trichloropropane

Concen: 56.922 ug/l m

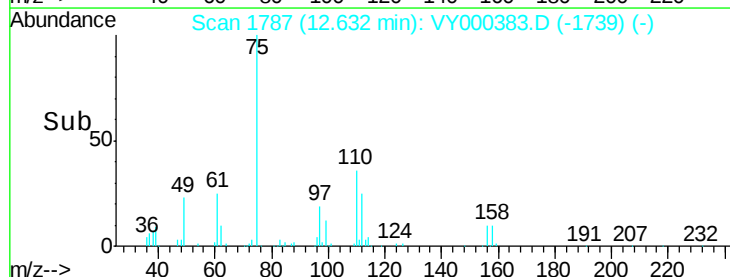
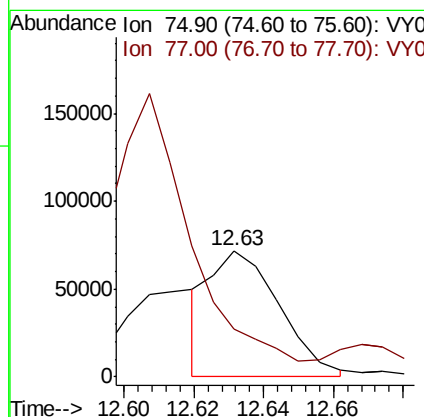
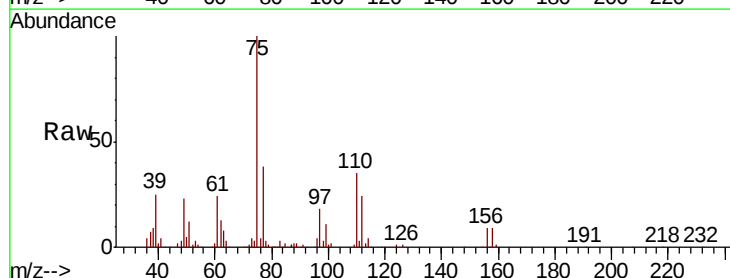
RT: 12.63 min Scan# 1787

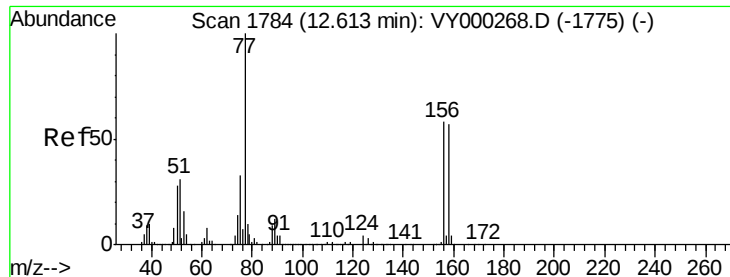
Delta R.T. -0.01 min

Lab File: VY000383.D

Acq: 23 Oct 2019 16:00

Tgt Ion:	75	Resp:	99773
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 58.536 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.01 min

Lab File: VY000383.D

Acq: 23 Oct 2019 16:00

Instrument :

MSVOA_Y

ClientSampleId :

TP1-2FTMS

Tot Ion:156 Resp: 144773

Ion Ratio Lower Upper

156 100

77 188.3 101.0 302.9

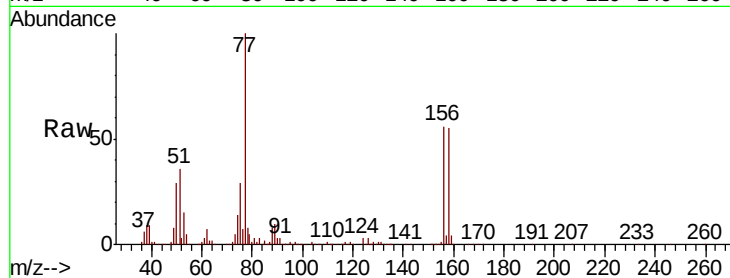
158 94.4 49.7 149.1

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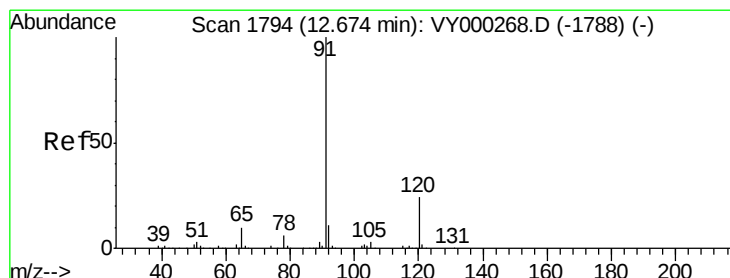
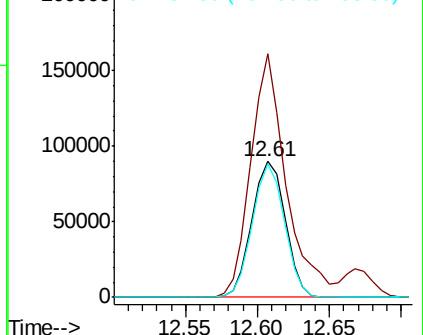
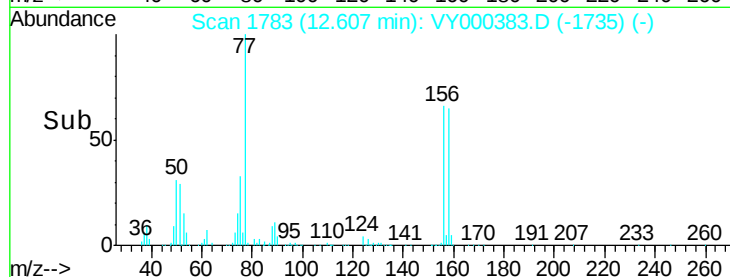
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 56.084 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. -0.01 min

Lab File: VY000383.D

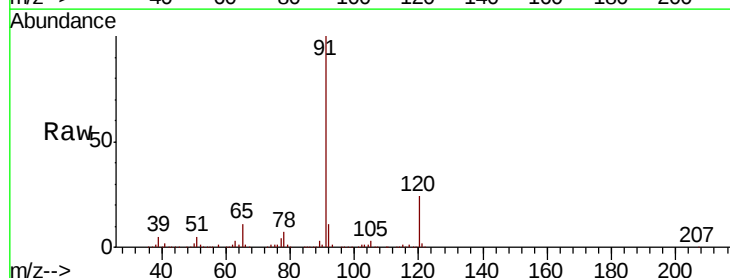
Acq: 23 Oct 2019 16:00

Tgt Ion: 91 Resp: 748422

Ion Ratio Lower Upper

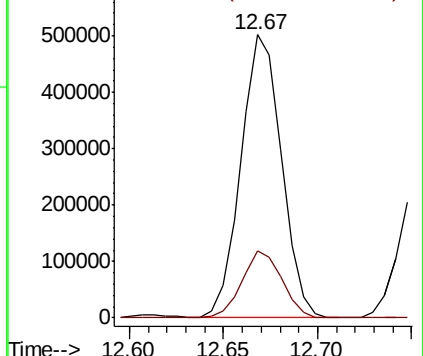
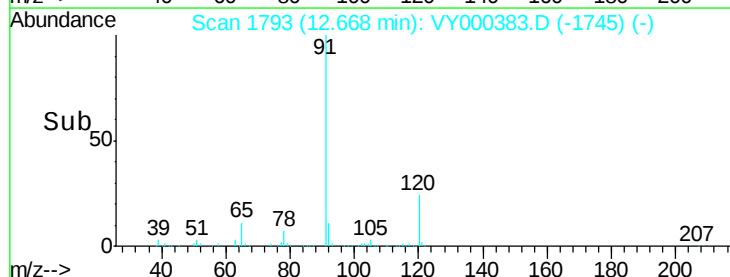
91 100

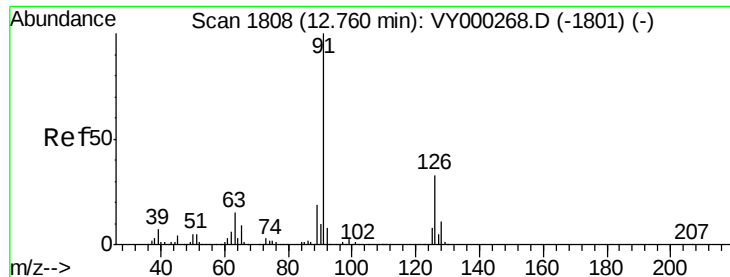
120 23.5 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 58.072 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. -0.01 min

Lab File: VY000383.D

Acq: 23 Oct 2019 16:00

Instrument :

MSVOA_Y

ClientSampleId :

TP1-2FTMS

Tot Ion: 91 Resp: 427977

Ion Ratio Lower Upper

91 100

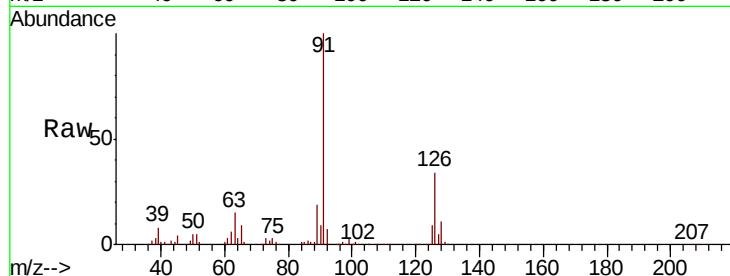
126 34.5 17.1 51.3

Manual Integrations

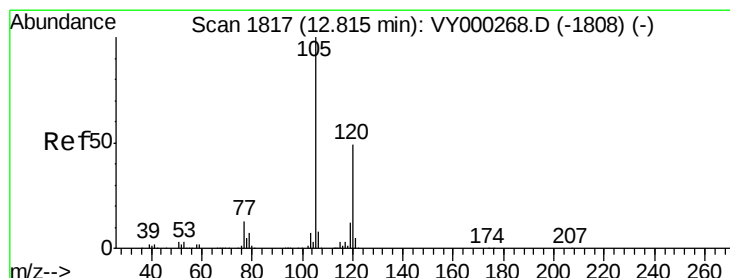
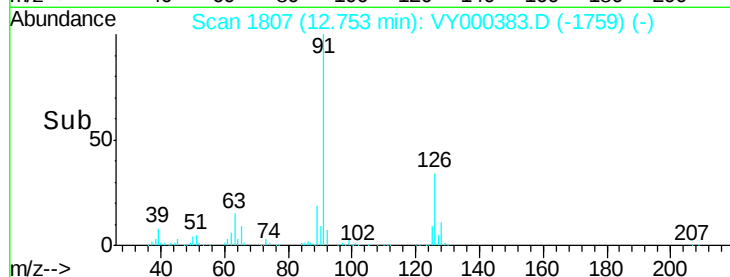
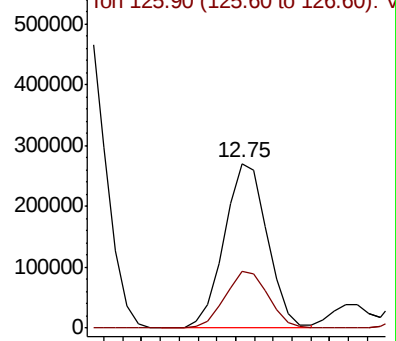
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Abundance Ion 91.00 (90.70 to 91.70): VY000383.D (-1759) (-)



#80

1,3,5-Trimethylbenzene

Concen: 57.359 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. -0.01 min

Lab File: VY000383.D

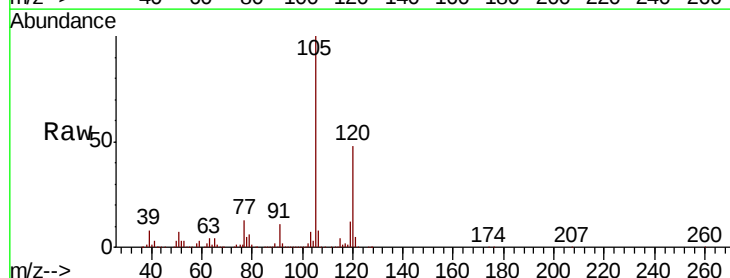
Acq: 23 Oct 2019 16:00

Tgt Ion: 105 Resp: 534579

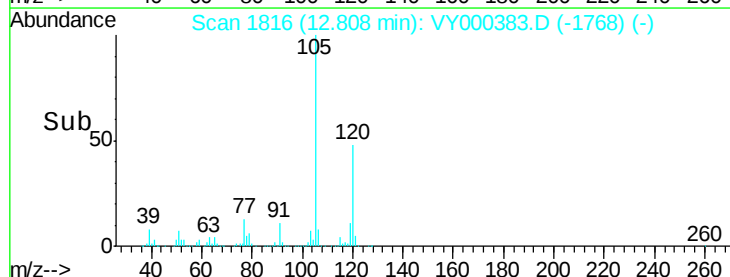
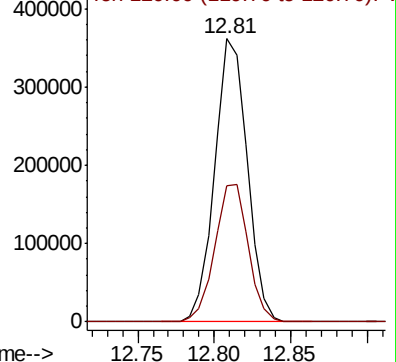
Ion Ratio Lower Upper

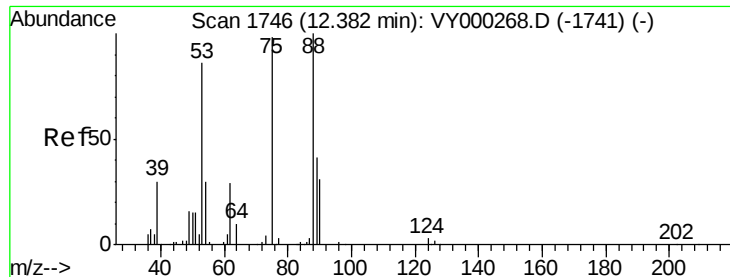
105 100

120 49.8 24.9 74.8



Abundance Ion 105.00 (104.70 to 105.70): VY000383.D (-1768) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 59.528 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. -0.01 min

Lab File: VY000383.D

Acq: 23 Oct 2019 16:00

Instrument :

MSVOA_Y

ClientSampleId :

TP1-2FTMS

Tot Ion: 75 Resp: 47688

Ion Ratio Lower Upper

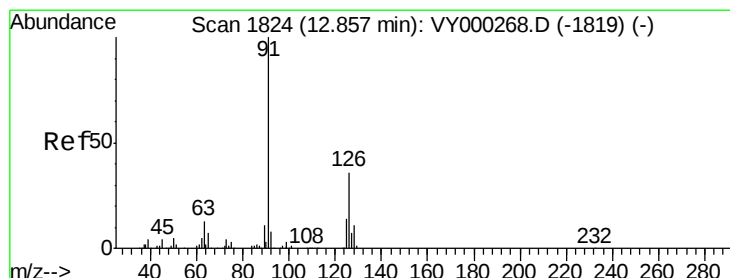
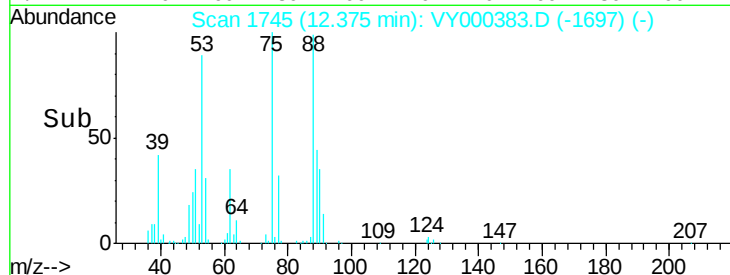
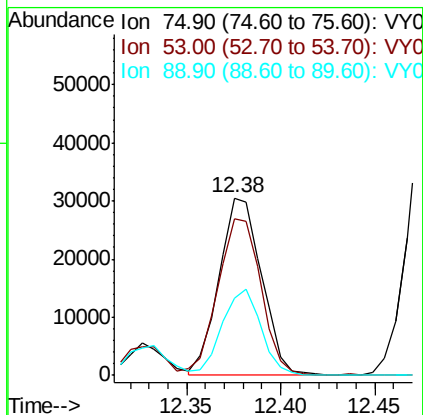
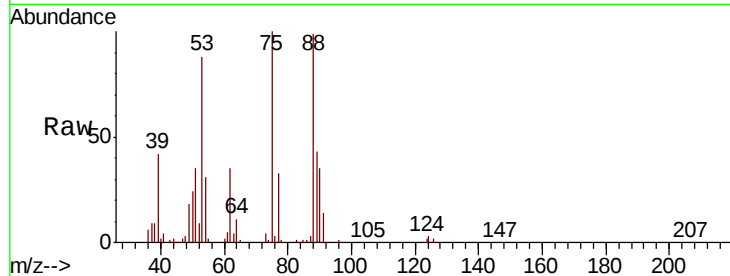
75 100

53 89.9 71.3 106.9

89 44.8 35.1 52.7

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#82

4-Chlorotoluene

Concen: 55.330 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. -0.01 min

Lab File: VY000383.D

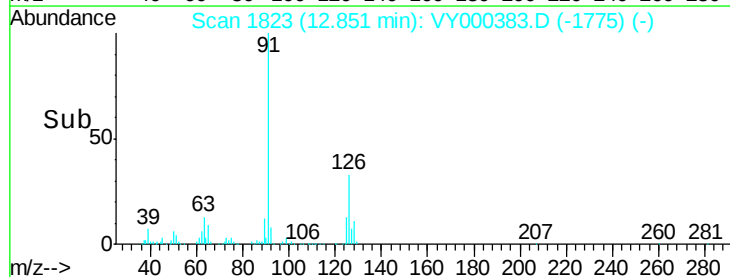
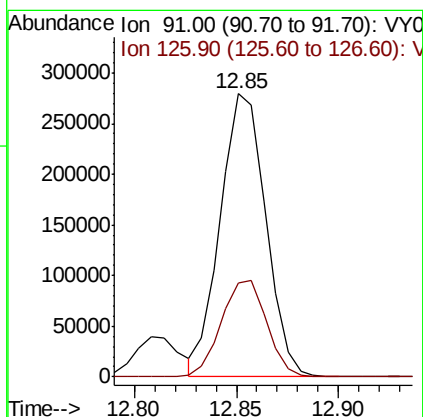
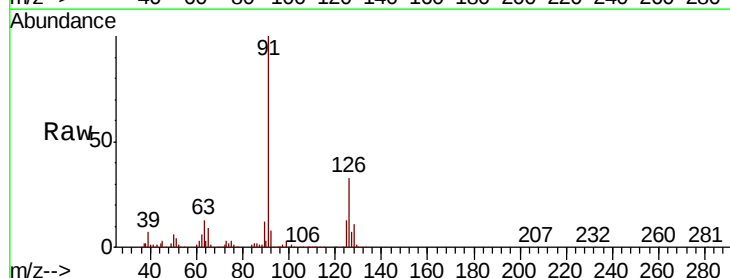
Acq: 23 Oct 2019 16:00

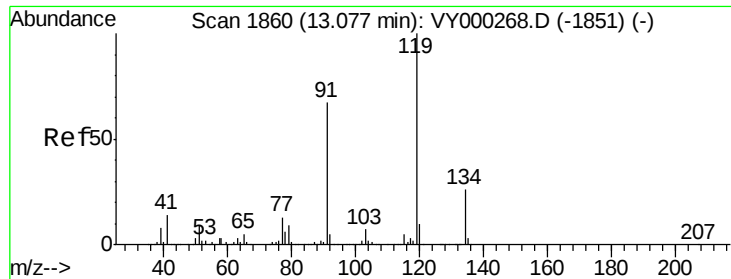
Tgt Ion: 91 Resp: 431038

Ion Ratio Lower Upper

91 100

126 34.4 17.2 51.5





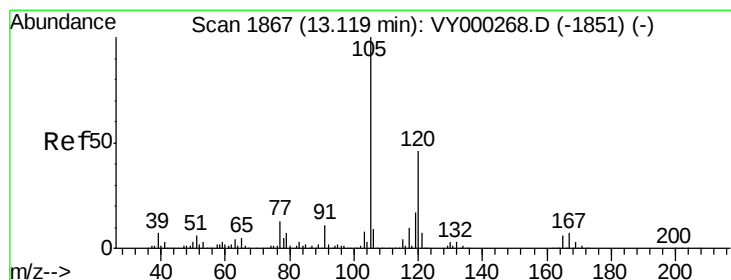
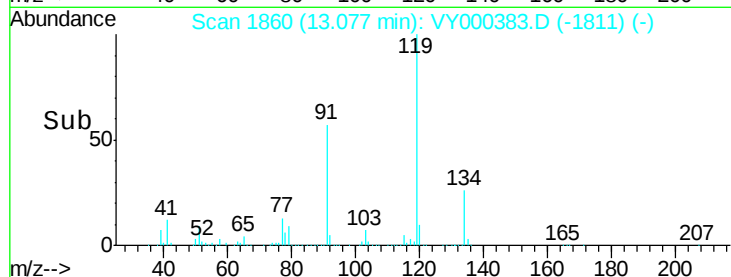
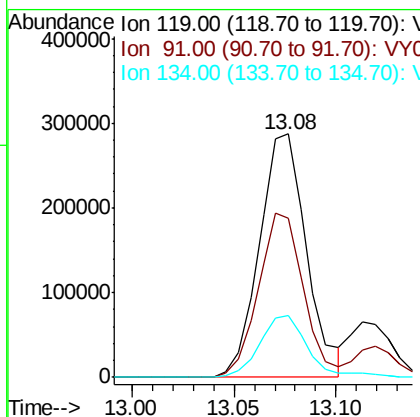
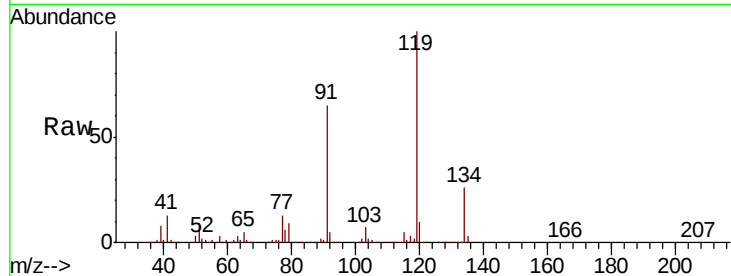
#83
tert-Butylbenzene
Concen: 58.611 ug/l
RT: 13.08 min Scan# 1860
Delta R.T. -0.00 min
Lab File: VY000383.D
Acq: 23 Oct 2019 16:00

Instrument :
MSVOA_Y
ClientSampleId :
TP1-2FTMS

Tot Ion	Ratio	Resp	Lower	Upper
119	100	462580		
91	64.8	32.9	98.7	
134	25.7	13.3	39.8	

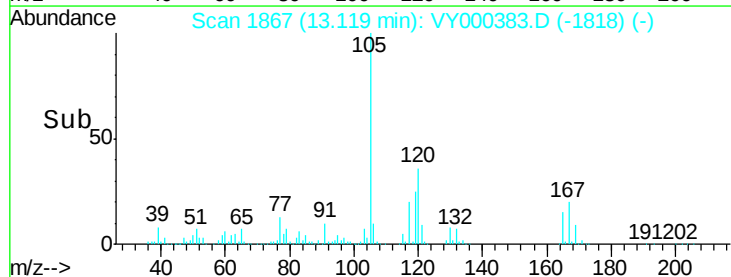
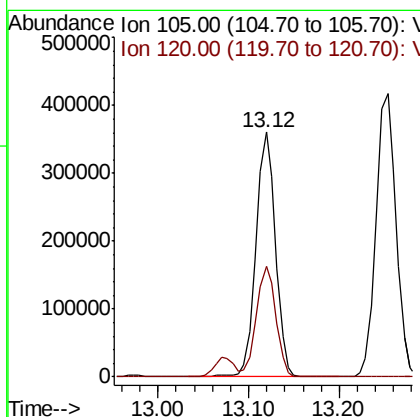
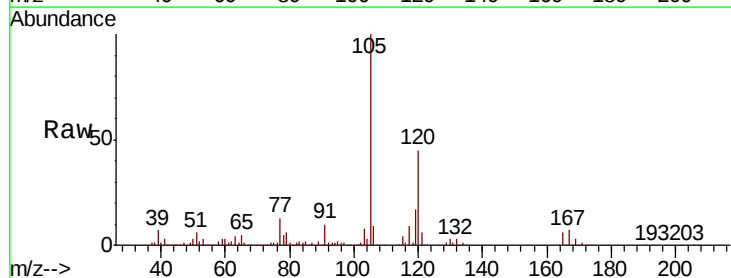
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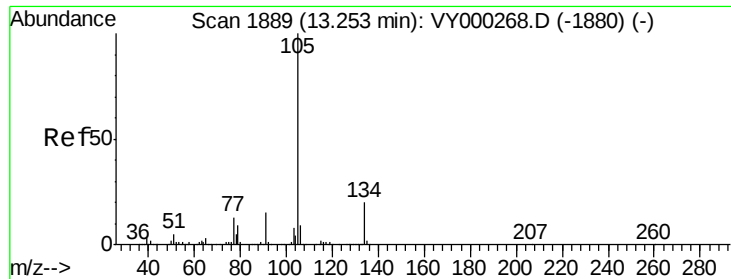
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#84
1,2,4-Trimethylbenzene
Concen: 58.261 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. -0.00 min
Lab File: VY000383.D
Acq: 23 Oct 2019 16:00

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	535907		
120	45.7	22.9	68.8	





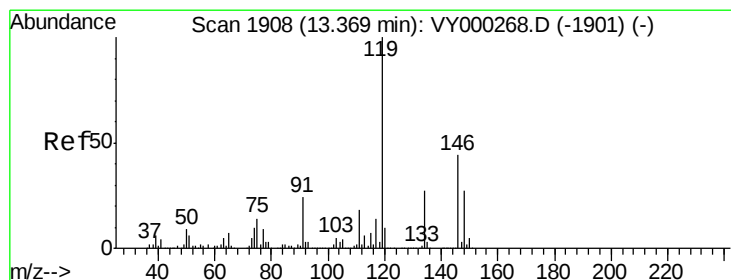
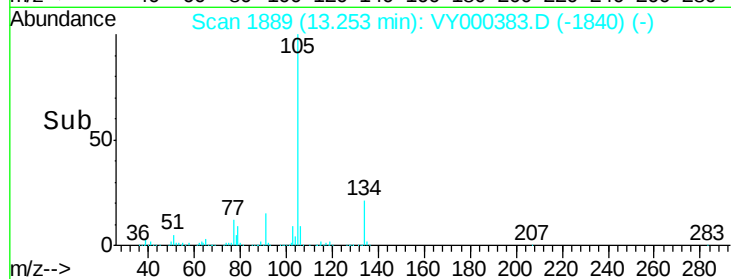
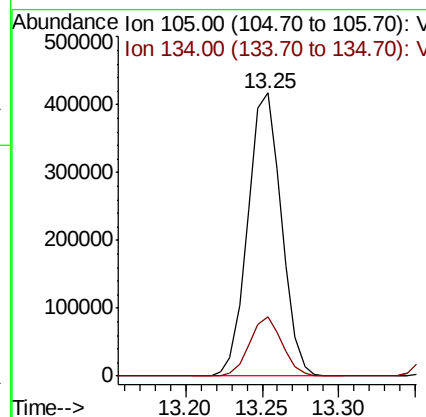
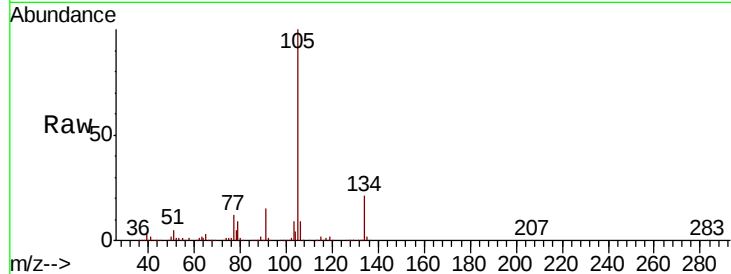
#85
 sec-Butylbenzene
 Concen: 55.711 ug/l
 RT: 13.25 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VY000383.D
 Acq: 23 Oct 2019 16:00

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP1-2FTMS

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.2	10.1	30.1

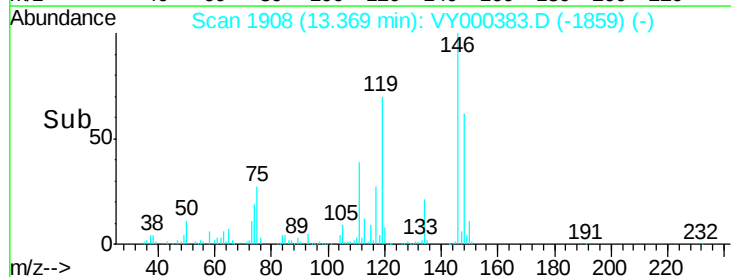
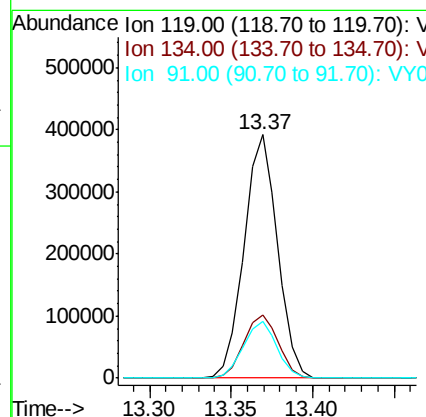
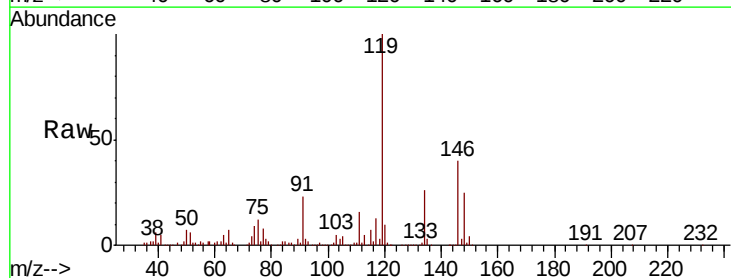
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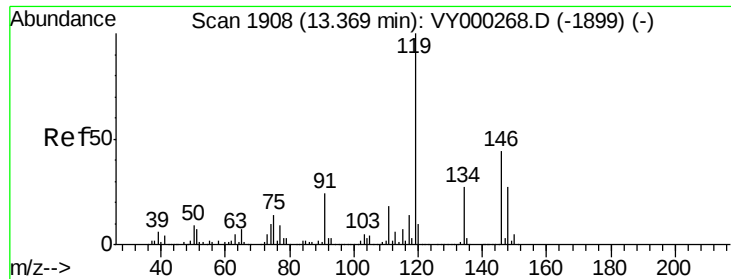
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#86
 p-Isopropyltoluene
 Concen: 56.200 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. -0.00 min
 Lab File: VY000383.D
 Acq: 23 Oct 2019 16:00

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.9	13.6	40.8
91	23.4	12.0	36.1





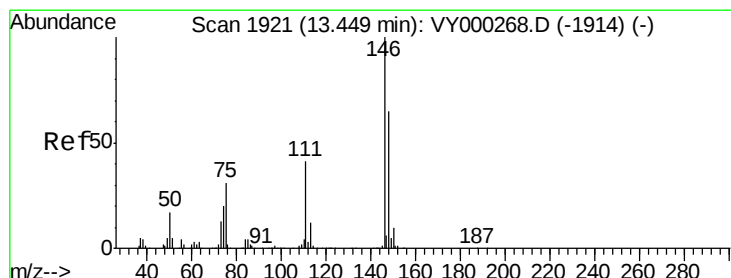
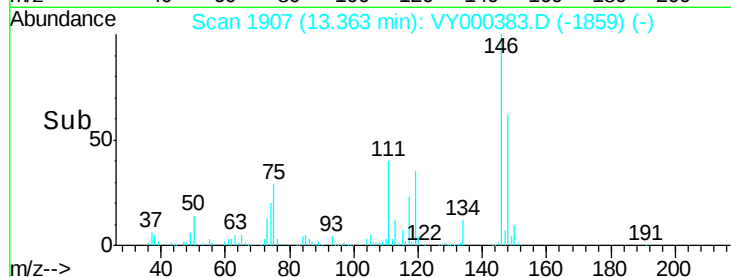
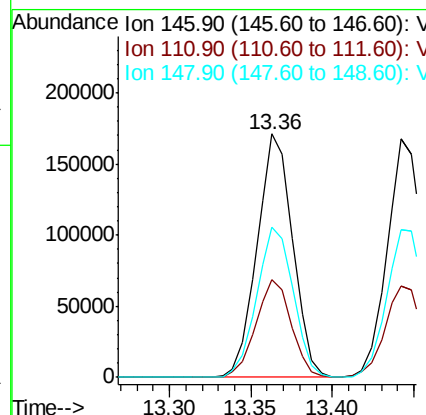
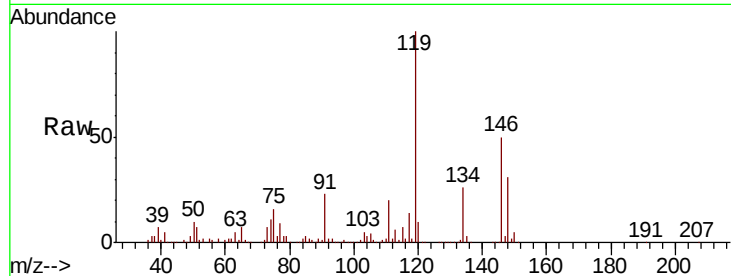
#87
 1,3-Dichlorobenzene
 Concen: 53.313 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.01 min
 Lab File: VY000383.D
 Acq: 23 Oct 2019 16:00

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP1-2FTMS

Tot Ion	Ratio	Resp	Lower	Upper
146	100	259794		
111	40.0		20.6	61.8
148	63.2		31.9	95.5

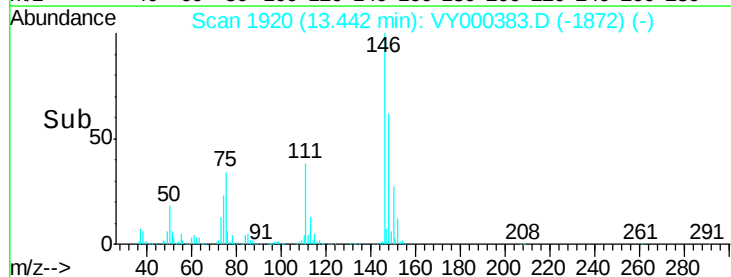
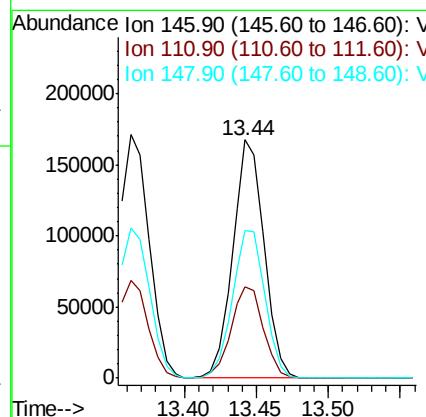
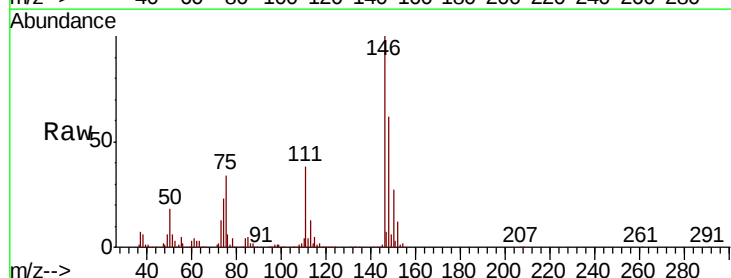
Manual Integrations
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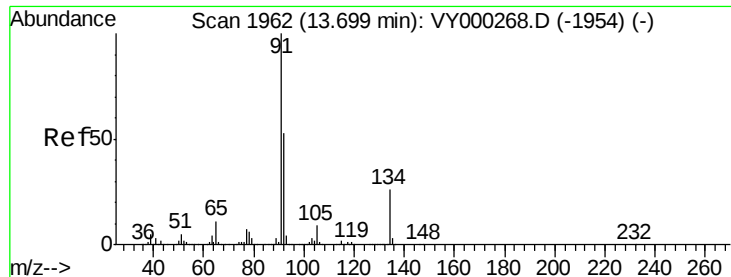
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 10/24/2019 4:30:33 PM



#88
 1,4-Dichlorobenzene
 Concen: 52.236 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. -0.01 min
 Lab File: VY000383.D
 Acq: 23 Oct 2019 16:00

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	254425		
111	39.6		20.1	60.2
148	64.4		32.4	97.2





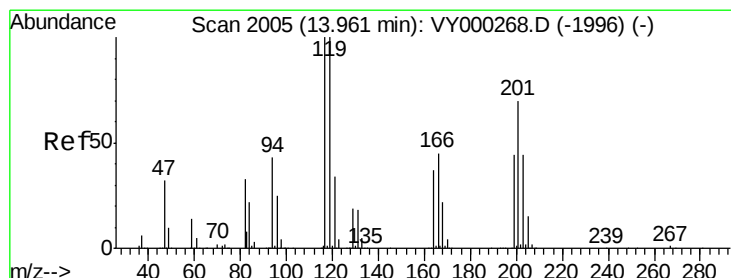
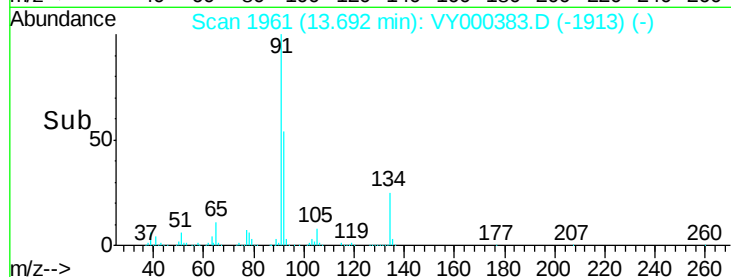
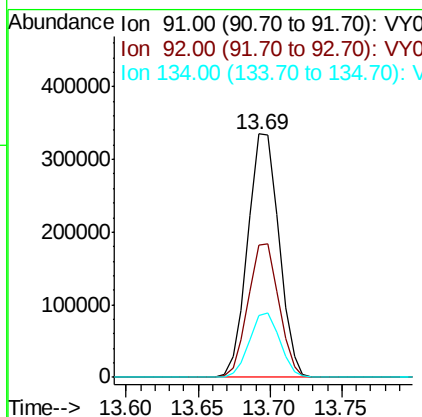
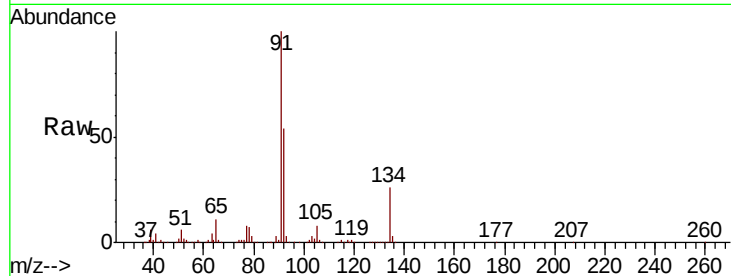
#89
n-Butylbenzene
Concen: 51.034 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. -0.01 min
Lab File: VY000383.D
Acq: 23 Oct 2019 16:00

Instrument :
MSVOA_Y
ClientSampleId :
TP1-2FTMS

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.0	26.7	80.1
134	25.8	13.0	38.9

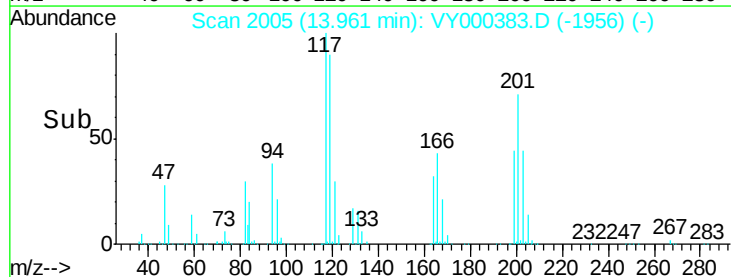
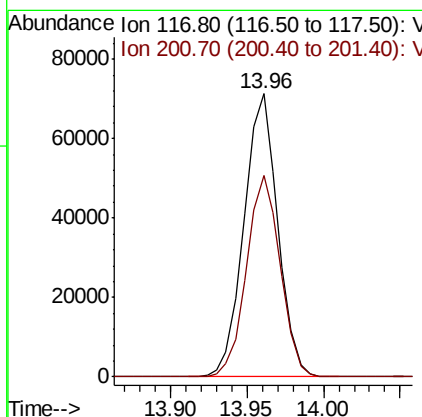
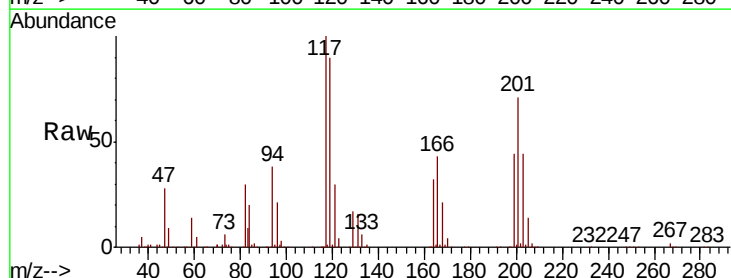
Manual Integrations
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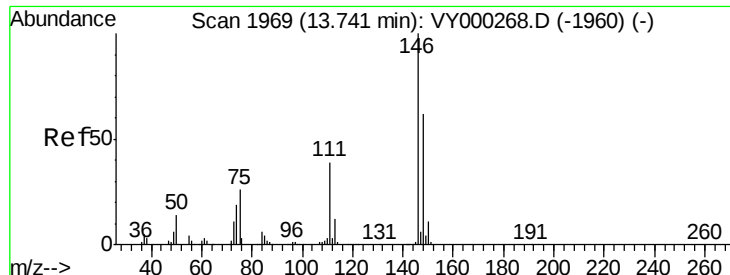
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#90
Hexachloroethane
Concen: 59.231 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.00 min
Lab File: VY000383.D
Acq: 23 Oct 2019 16:00

Tgt Ion	Ratio	Lower	Upper
117	100		
201	71.0	36.3	108.7





#91

1,2-Dichlorobenzene

Concen: 55.155 ug/l

RT: 13.74 min Scan# 1969

Delta R.T. -0.00 min

Lab File: VY000383.D

Acq: 23 Oct 2019 16:00

Instrument :

MSVOA_Y

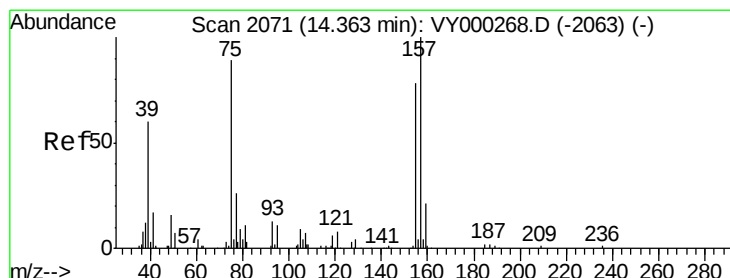
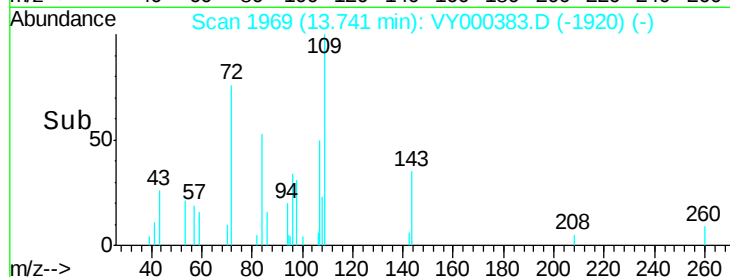
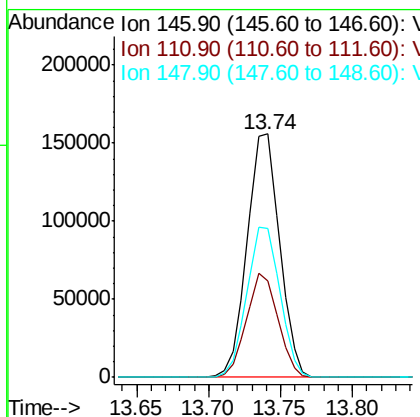
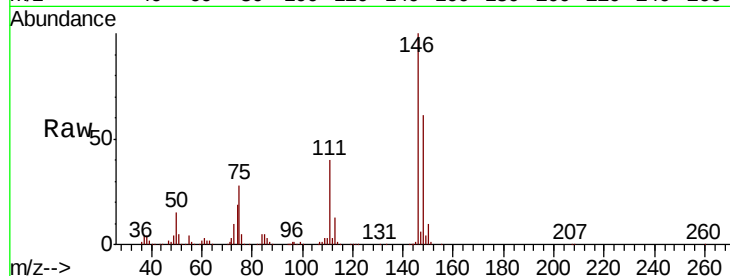
ClientSampleId :

TP1-2FTMS

Tot Ion:	146	Resp:	243230
Ion Ratio		Lower	Upper
146	100		
111	41.7	20.5	61.5
148	63.0	31.6	95.0

Manual Integrations
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#92

1,2-Dibromo-3-Chloropropane

Concen: 57.949 ug/l

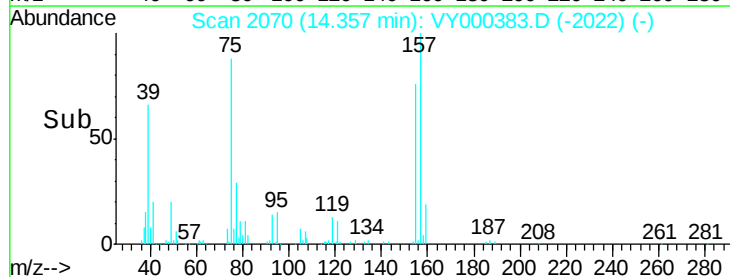
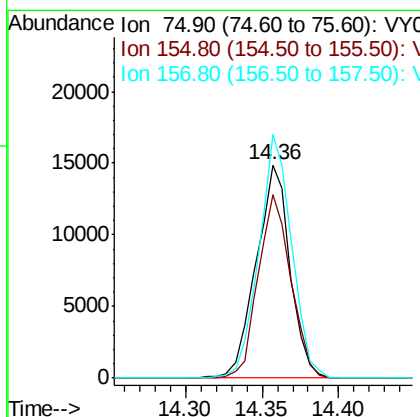
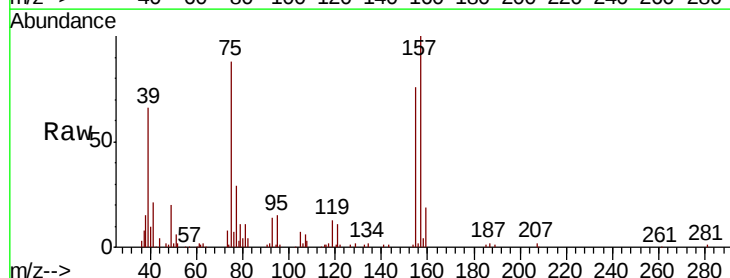
RT: 14.36 min Scan# 2070

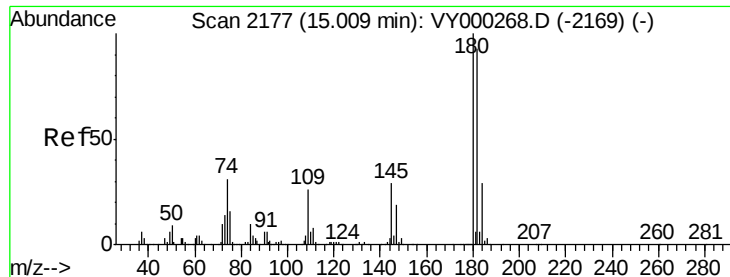
Delta R.T. -0.01 min

Lab File: VY000383.D

Acq: 23 Oct 2019 16:00

Tgt Ion:	75	Resp:	22935
Ion Ratio		Lower	Upper
75	100		
155	82.7	45.8	137.3
157	110.5	55.6	166.9





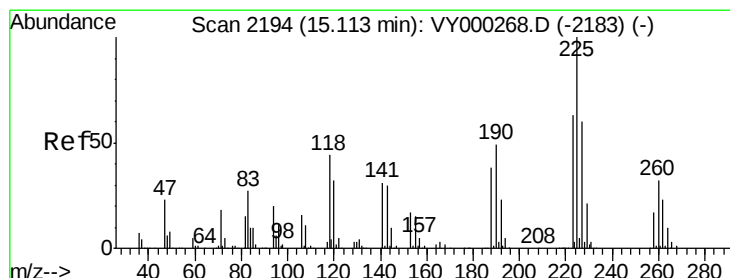
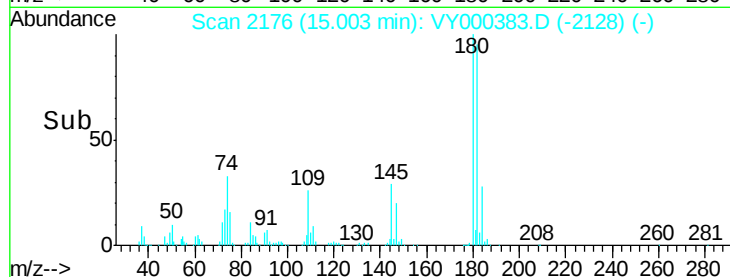
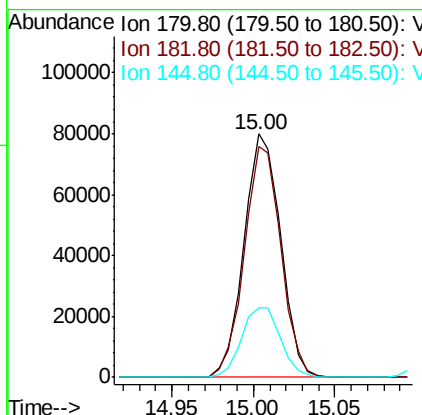
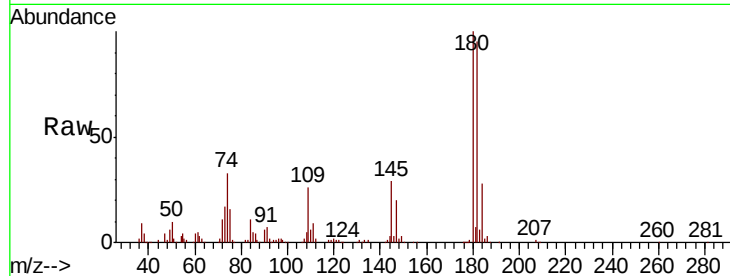
#93
 1,2,4-Trichlorobenzene
 Concen: 40.803 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. -0.01 min
 Lab File: VY000383.D
 Acq: 23 Oct 2019 16:00

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP1-2FTMS

Tot Ion	Ratio	Resp	Lower	Upper
180	100	125281		
182	94.8	47.5	142.6	
145	30.4	15.4	46.1	

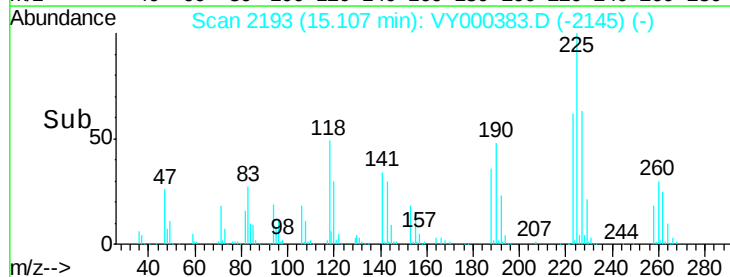
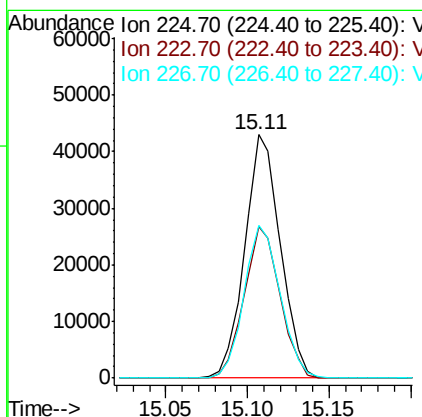
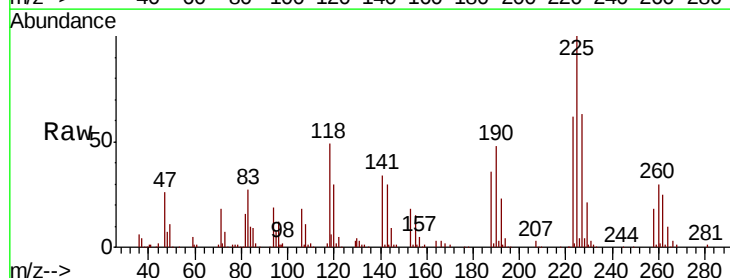
Manual Integrations
 APPROVED

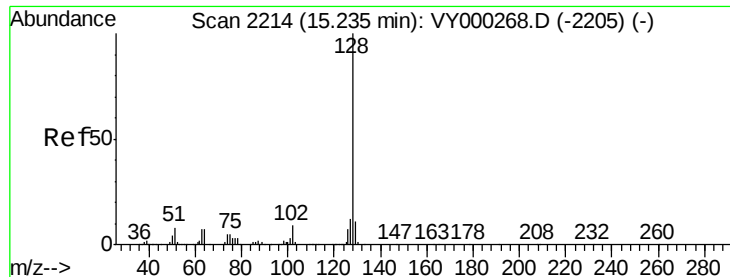
MMDadoda
 10/24/2019 4:30:33 PM



#94
 Hexachlorobutadiene
 Concen: 39.469 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: VY000383.D
 Acq: 23 Oct 2019 16:00

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	65582		
223	62.4	31.9	95.7	
227	63.5	31.4	94.2	





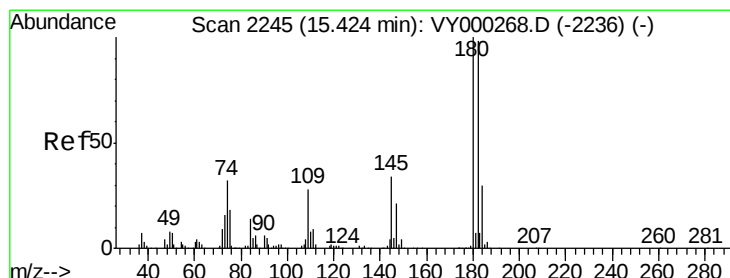
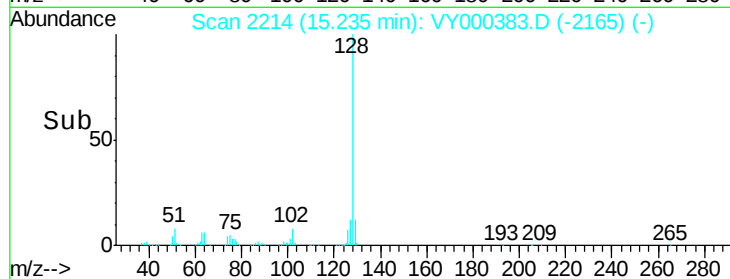
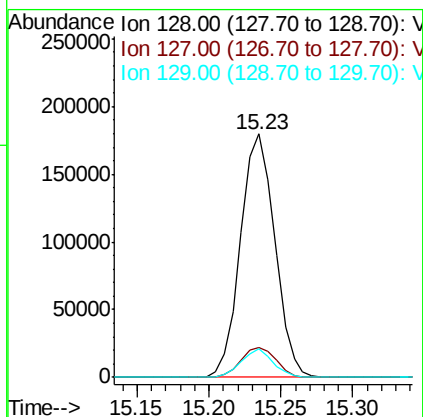
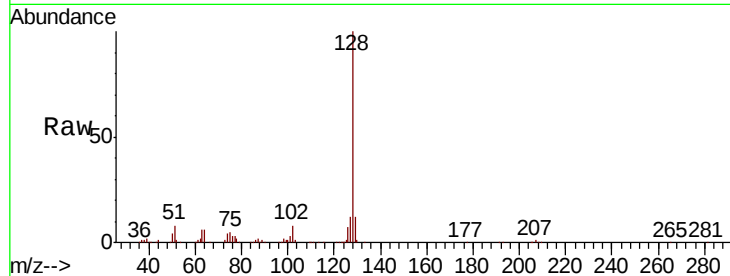
#95
Naphthalene
Concen: 43.418 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VY000383.D
Acq: 23 Oct 2019 16:00

Instrument :
MSVOA_Y
ClientSampleId :
TP1-2FTMS

Tot Ion	Ratio	Resp Lower	Upper
128	100		
127	12.5	9.6	14.4
129	10.8	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
10/24/2019 4:30:33 PM



#96
1,2,3-Trichlorobenzene
Concen: 39.805 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. -0.00 min
Lab File: VY000383.D
Acq: 23 Oct 2019 16:00

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	95.1	46.5	139.5
145	32.7	16.2	48.5

