

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY102219\
 Data File : VY000370.D
 Acq On : 22 Oct 2019 17:38
 Operator : SY/MD
 Sample : K5494-03MSD
 Misc : 6.62G/5ML/MSVOA Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP1-2FTMSD

Manual Integrations
 APPROVED

MMDadoda
 10/24/2019 4:34:18 PM

Quant Time: Oct 23 08:47:26 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	8058	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	12254	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	10312	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	4499	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.16	65	4374	51.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.92%	
35) Dibromofluoromethane	7.73	113	1348	18.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	36.48%	
50) Toluene-d8	10.18	98	13852	48.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.44%	
62) 4-Bromofluorobenzene	12.49	95	4058	37.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	75.14%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	2744	42.455	ug/l	92
3) Chloromethane	2.12	50	4397	44.655	ug/l	98
4) Vinyl Chloride	2.26	62	4666	46.954	ug/l	93
5) Bromomethane	2.66	94	1752	23.789	ug/l	91
6) Chloroethane	2.80	64	2803	43.716	ug/l #	85
7) Trichlorofluoromethane	3.13	101	7062	51.952	ug/l	87
8) Diethyl Ether	3.54	74	2835	59.037	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.91	101	4003	48.558	ug/l #	92
10) Methyl Iodide	4.11	142	4884	41.794	ug/l #	91
11) Tert butyl alcohol	4.97	59	3041m	341.868	ug/l	
12) 1,1-Dichloroethene	3.89	96	4682	57.530	ug/l #	65
13) Acrolein	3.74	56	1629	156.203	ug/l	97
14) Allyl chloride	4.49	41	5714	42.368	ug/l	96
15) Acrylonitrile	5.19	53	8223m	305.936	ug/l	
16) Acetone	3.96	43	9495	344.942	ug/l	89
17) Carbon Disulfide	4.20	76	9314	36.349	ug/l	97
18) Methyl Acetate	4.49	43	5274	77.114	ug/l #	67
19) Methyl tert-butyl Ether	5.22	73	12369	54.596	ug/l #	89
20) Methylene Chloride	4.72	84	4714	50.928	ug/l	97
21) trans-1,2-Dichloroethene	5.24	96	4758	50.958	ug/l #	78
22) Diisopropyl ether	6.14	45	14164	49.655	ug/l #	91
23) Vinyl Acetate	6.13	43	8120	43.634	ug/l #	71
24) 1,1-Dichloroethane	6.02	63	8319	53.430	ug/l #	87
25) 2-Butanone	7.00	43	9699	250.129	ug/l	98
26) 2,2-Dichloropropane	6.99	77	1935m	13.487	ug/l	
27) cis-1,2-Dichloroethene	6.99	96	5054	50.022	ug/l	76
28) Bromochloromethane	7.35	49	3466	51.856	ug/l #	90
29) Tetrahydrofuran	7.36	42	7305	310.855	ug/l	92
30) Chloroform	7.52	83	7212	45.995	ug/l	95
31) Cyclohexane	7.80	56	7351	45.204	ug/l #	80
32) 1,1,1-Trichloroethane	7.71	97	6800	48.780	ug/l	93
36) 1,1-Dichloropropene	7.93	75	5802	48.360	ug/l	96
37) Ethyl Acetate	7.10	43	1675	23.579	ug/l #	70
38) Carbon Tetrachloride	7.91	117	4797	41.295	ug/l #	74

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	7103	45.235	ug/l	95
40) Benzene	8.18	78	17796	51.328	ug/l #	89
41) Methacrylonitrile	7.32	41	2497	73.843	ug/l #	13
42) 1,2-Dichloroethane	8.25	62	5755	58.109	ug/l	92
43) Isopropyl Acetate	8.28	43	3980	29.465	ug/l #	59
44) Trichloroethene	8.95	130	6952	71.462	ug/l	84
45) 1,2-Dichloropropane	9.22	63	4644	54.581	ug/l	94
46) Dibromomethane	9.32	93	2302	48.398	ug/l	92
47) Bromodichloromethane	9.50	83	4566	40.734	ug/l #	94
48) Methyl methacrylate	9.30	41	2065	34.884	ug/l	95
49) 1,4-Dioxane	9.30	88	1052	1475.125	ug/l #	87
51) 4-Methyl-2-Pentanone	10.08	43	17915	257.147	ug/l	99
52) Toluene	10.25	92	11178	50.780	ug/l	92
53) t-1,3-Dichloropropene	10.47	75	1651	13.743	ug/l #	69
54) cis-1,3-Dichloropropene	9.93	75	3178	23.295	ug/l #	90
55) 1,1,2-Trichloroethane	10.64	97	3990	57.695	ug/l #	78
56) Ethyl methacrylate	10.52	69	2086	21.162	ug/l #	85
57) 1,3-Dichloropropane	10.80	76	5814	48.953	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.80	63	3236	82.305	ug/l	94
59) 2-Hexanone	10.83	43	9634	197.010	ug/l	100
60) Dibromochloromethane	10.99	129	2513	32.785	ug/l	89
61) 1,2-Dibromoethane	11.10	107	2710	40.812	ug/l	97
64) Tetrachloroethene	10.72	164	7566	77.069	ug/l	86
65) Chlorobenzene	11.52	112	11157	51.266	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	3178	41.570	ug/l	95
67) Ethyl Benzene	11.60	91	18447	45.725	ug/l	89
68) m/p-Xylenes	11.71	106	14504	94.043	ug/l	95
69) o-Xylene	12.03	106	6935	47.136	ug/l	94
70) Styrene	12.05	104	9436	38.029	ug/l	93
71) Bromoform	12.20	173	1087	24.734	ug/l #	97
73) Isopropylbenzene	12.33	105	17646	50.302	ug/l	93
74) N-amyl acetate	12.14	43	420	4.877	ug/l #	78
75) 1,1,2,2-Tetrachloroethane	12.59	83	1105	16.777	ug/l #	73
76) 1,2,3-Trichloropropane	12.64	75	2506m	45.298	ug/l	
77) Bromobenzene	12.61	156	3897	49.922	ug/l	87
78) n-propylbenzene	12.67	91	18251	43.332	ug/l	94
79) 2-Chlorotoluene	12.75	91	11689	50.252	ug/l	97
80) 1,3,5-Trimethylbenzene	12.81	105	14371	48.855	ug/l	99
82) 4-Chlorotoluene	12.86	91	10474	42.598	ug/l	90
83) tert-Butylbenzene	13.08	119	12470	50.059	ug/l	97
84) 1,2,4-Trimethylbenzene	13.12	105	13146	45.281	ug/l	100
85) sec-Butylbenzene	13.25	105	16149	44.813	ug/l	97
86) p-Isopropyltoluene	13.37	119	13956	44.422	ug/l	97
87) 1,3-Dichlorobenzene	13.37	146	6464	42.028	ug/l	94
88) 1,4-Dichlorobenzene	13.45	146	6526	42.451	ug/l	97
89) n-Butylbenzene	13.70	91	10733	34.571	ug/l	97
90) Hexachloroethane	13.96	117	941	16.175	ug/l	88
91) 1,2-Dichlorobenzene	13.74	146	5977	42.942	ug/l	92
93) 1,2,4-Trichlorobenzene	15.01	180	3097	31.958	ug/l	84
94) Hexachlorobutadiene	15.11	225	1555	29.651	ug/l	85

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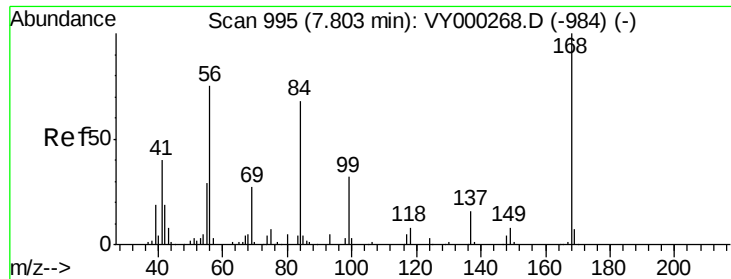
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	15.23	128	7225	33.408	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	2357	26.987	ug/l	94

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.00 min

Lab File: VY000370.D

Acq: 22 Oct 2019 17:38

Instrument :

MSVOA_Y

ClientSampleId :

TP1-2FTMSD

Tot Ion:168 Resp: 8058

Ion Ratio Lower Upper

168 100

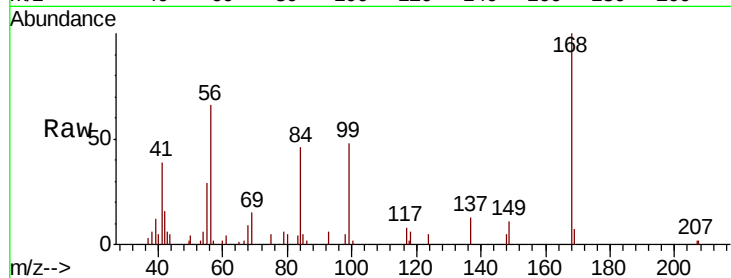
99 48.2 46.6 69.8

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

7.80

4000

3000

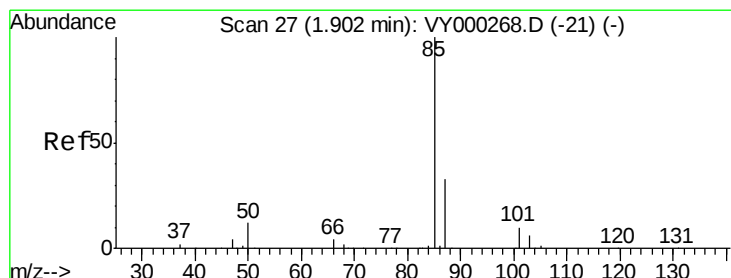
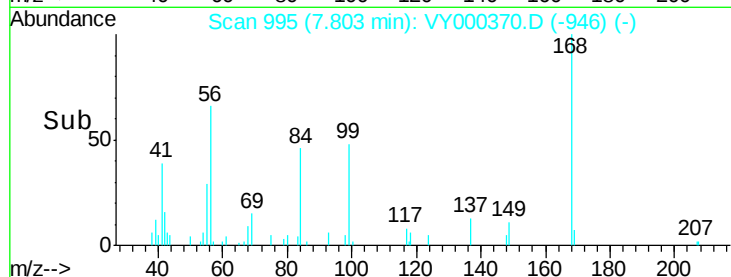
2000

1000

0

7.75 7.80 7.85

Time-->



#2

Dichlorodifluoromethane

Concen: 42.455 ug/l

RT: 1.90 min Scan# 27

Delta R.T. 0.00 min

Lab File: VY000370.D

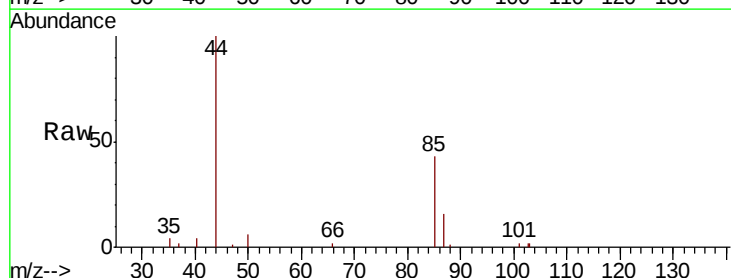
Acq: 22 Oct 2019 17:38

Tgt Ion: 85 Resp: 2744

Ion Ratio Lower Upper

85 100

87 37.5 16.6 49.8



Abundance Ion 84.90 (84.60 to 85.60): VY0

Ion 86.90 (86.60 to 87.60): VY0

1.90

2000

1500

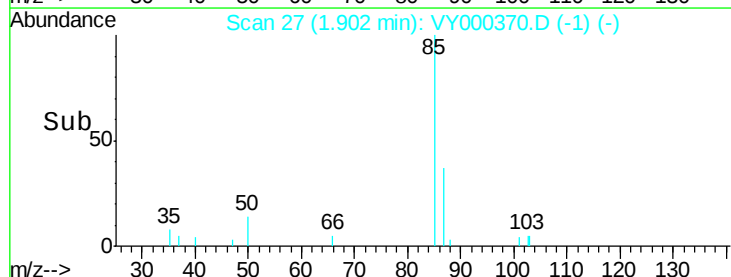
1000

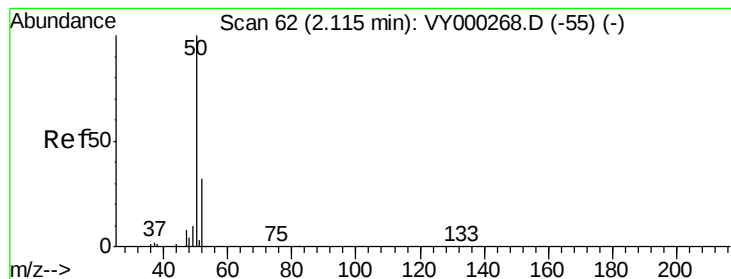
500

0

1.85 1.90 1.95

Time-->





#3

Chloromethane

Concen: 44.655 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY000370.D

Acq: 22 Oct 2019 17:38

Instrument :

MSVOA_Y

ClientSampleId :

TP1-2FTMSD

Tot Ion: 50 Resp: 4397

Ion Ratio Lower Upper

50 100

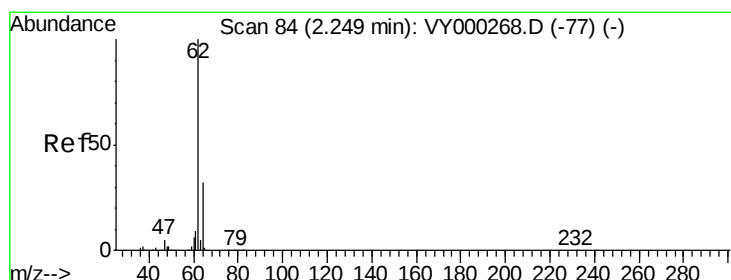
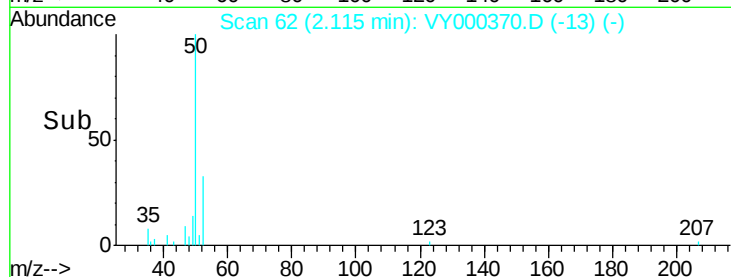
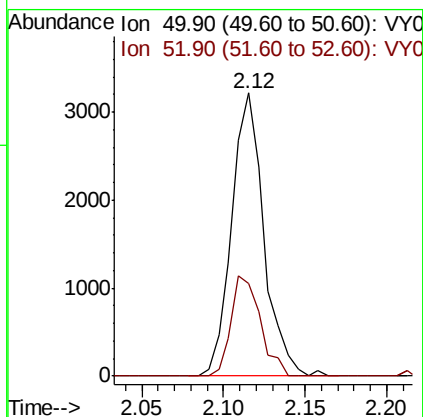
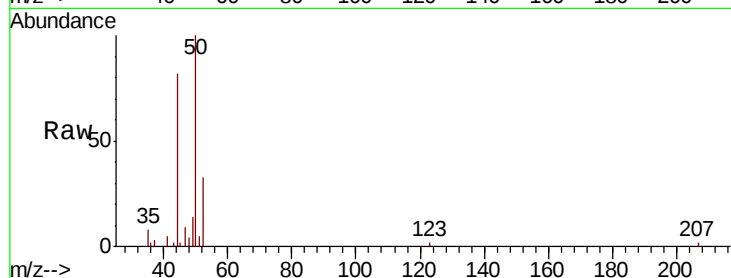
52 32.8 25.3 37.9

Manual Integrations

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#4

Vinyl Chloride

Concen: 46.954 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.01 min

Lab File: VY000370.D

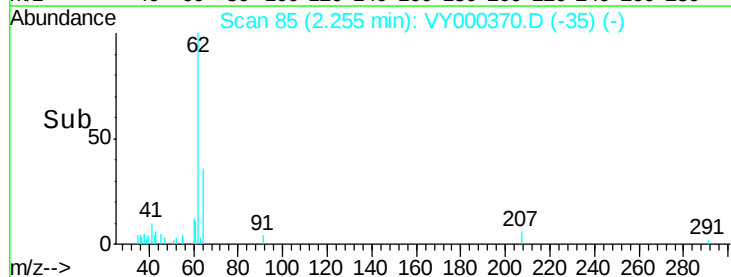
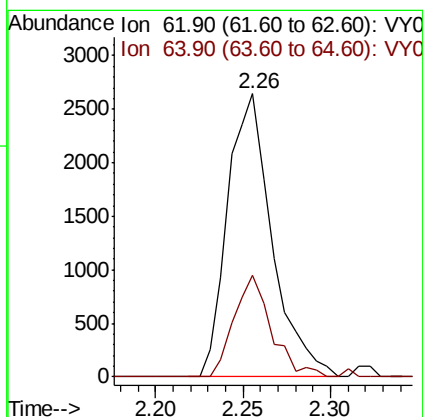
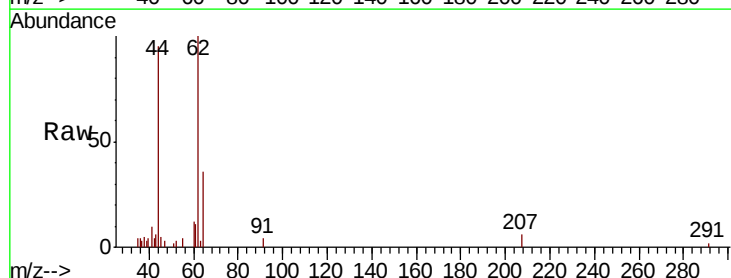
Acq: 22 Oct 2019 17:38

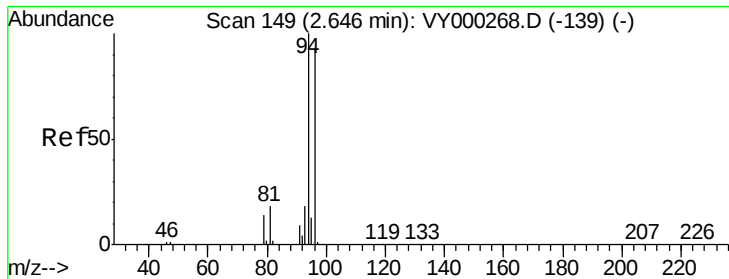
Tgt Ion: 62 Resp: 4666

Ion Ratio Lower Upper

62 100

64 35.8 25.6 38.4





#5

Bromomethane

Concen: 23.789 ug/l

RT: 2.66 min Scan# 152

Delta R.T. 0.02 min

Lab File: VY000370.D

Acq: 22 Oct 2019 17:38

Instrument :

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ClientSampleId :

TP1-2FTMSD

Tot Ion: 94 Resp: 1752

Ion Ratio Lower Upper

94 100

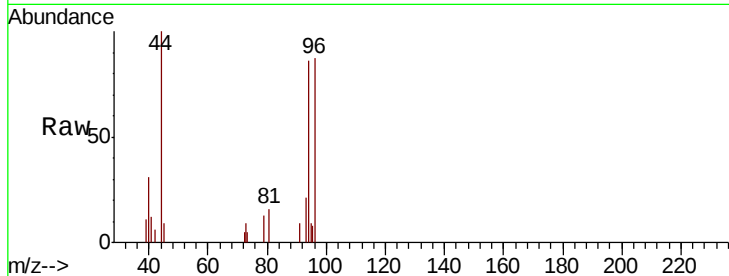
96 101.4 74.2 111.2

Manual Integrations

APPROVED

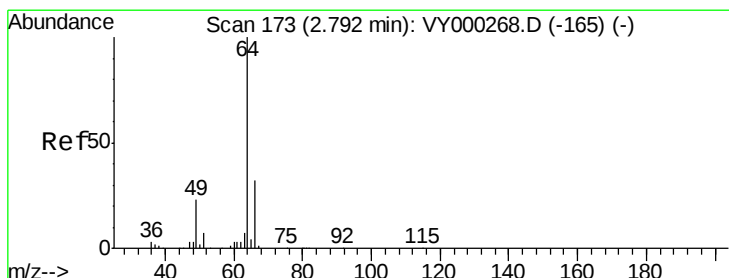
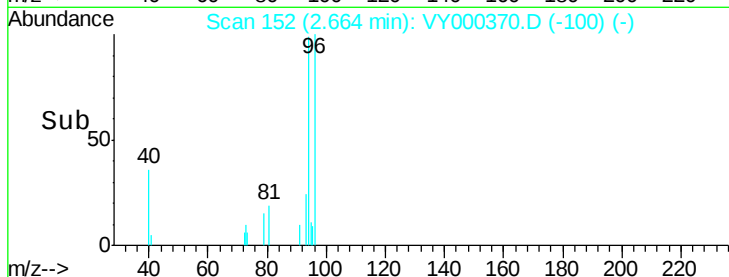
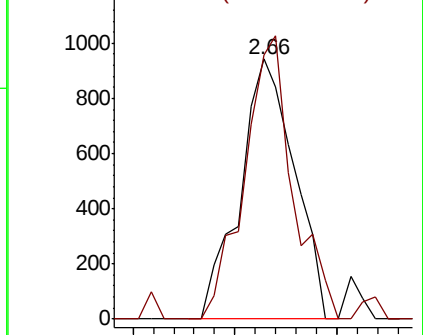
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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 43.716 ug/l

RT: 2.80 min Scan# 174

Delta R.T. 0.01 min

Lab File: VY000370.D

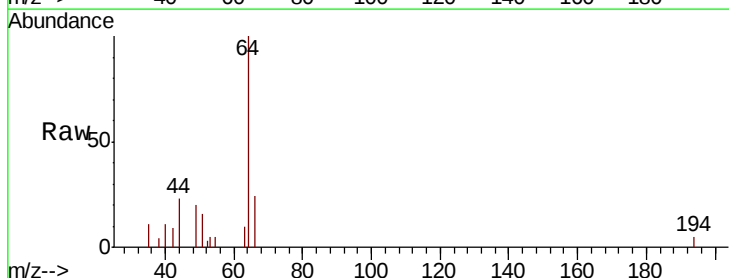
Acq: 22 Oct 2019 17:38

Tgt Ion: 64 Resp: 2803

Ion Ratio Lower Upper

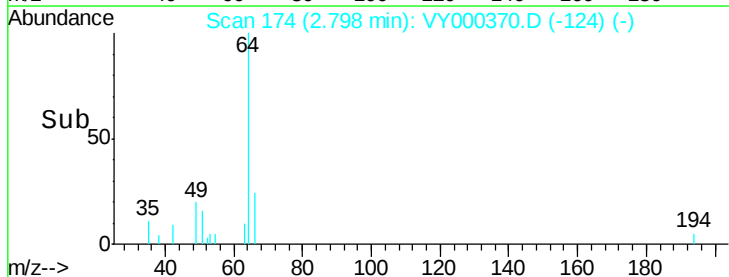
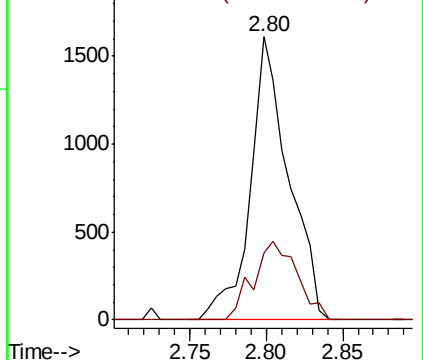
64 100

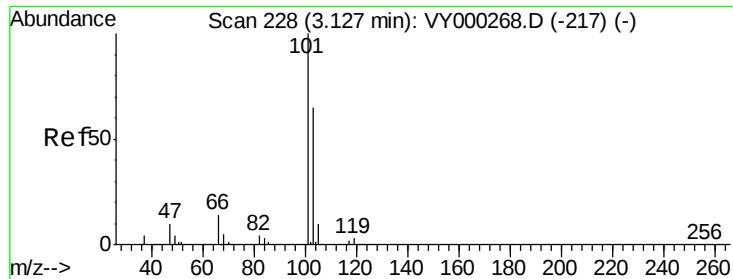
66 23.7 25.6 38.4#



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

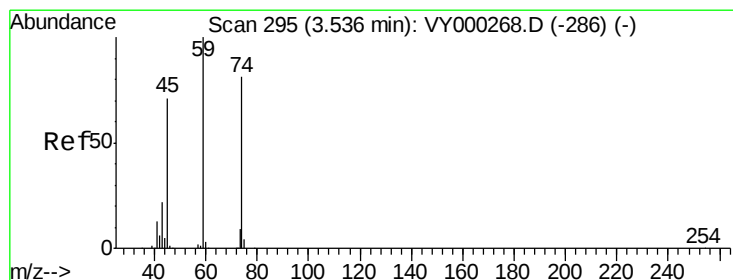
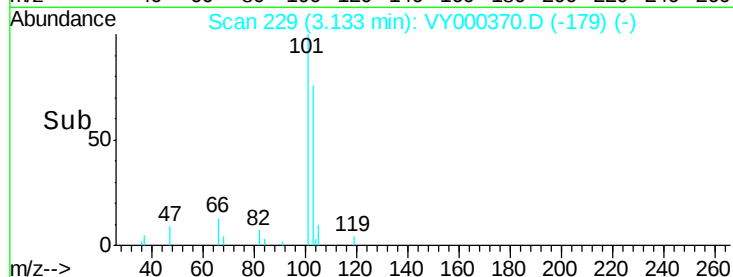
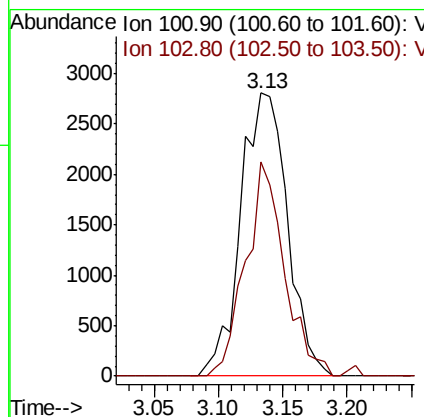
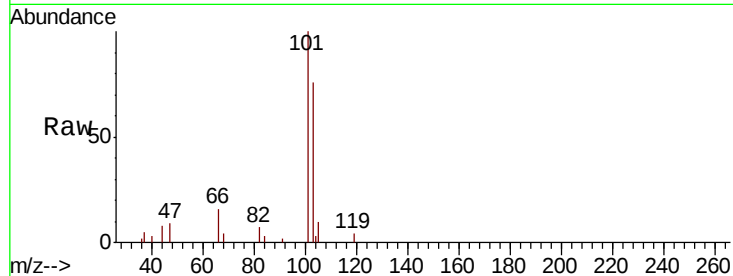
Trichlorofluoromethane
Concen: 51.952 ug/l
RT: 3.13 min Scan# 229
Delta R.T. 0.01 min
Lab File: VY000370.D
Acq: 22 Oct 2019 17:38

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Tot Ion	Ratio	Lower	Upper
101	100		
103	75.6	52.2	78.4

Manual Integrations
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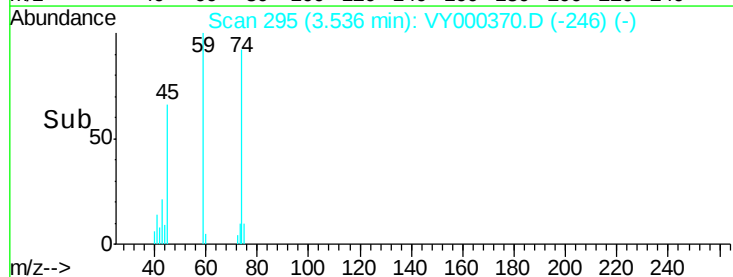
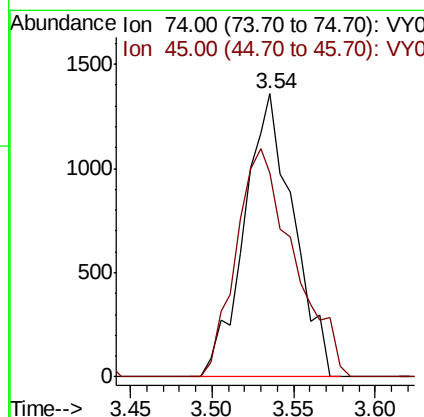
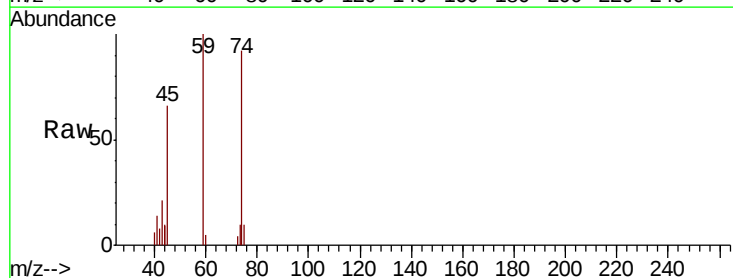
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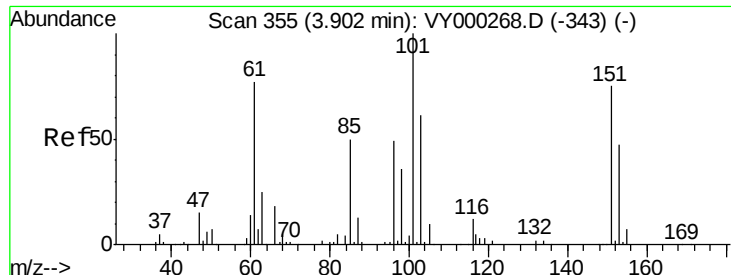


#8

Diethyl Ether
Concen: 59.037 ug/l
RT: 3.54 min Scan# 295
Delta R.T. 0.00 min
Lab File: VY000370.D
Acq: 22 Oct 2019 17:38

Tgt Ion	Ratio	Lower	Upper
74	100		
45	95.4	47.1	141.4





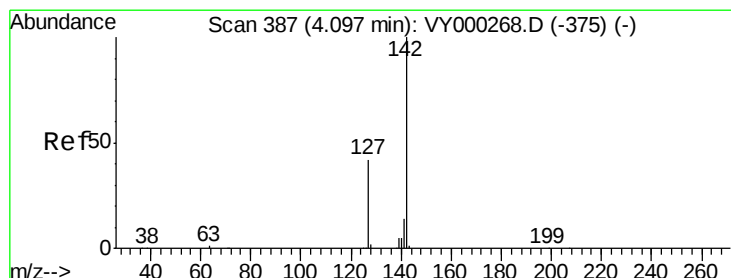
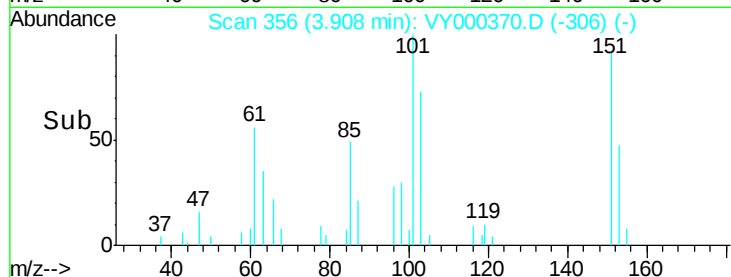
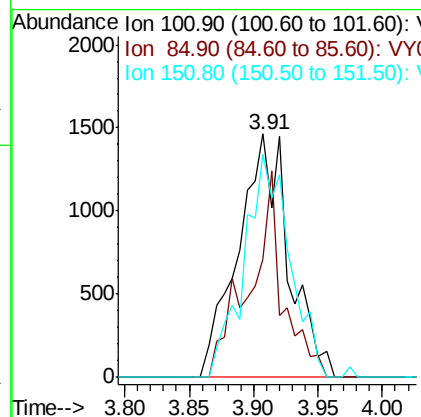
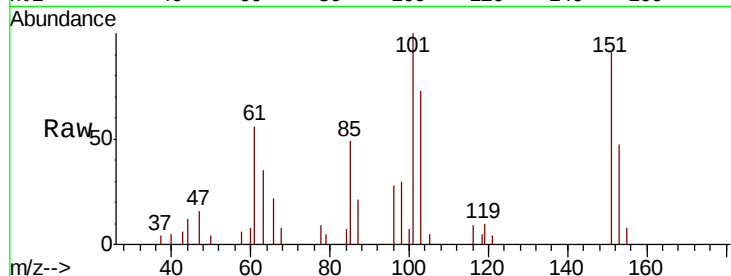
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 48.558 ug/l
 RT: 3.91 min Scan# 356
 Delta R.T. 0.01 min
 Lab File: VY000370.D
 Acq: 22 Oct 2019 17:38

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Tot Ion	Ratio	Resp	Lower	Upper
101	100	4003		
85	55.2		36.6	55.0#
151	82.7		63.1	94.7

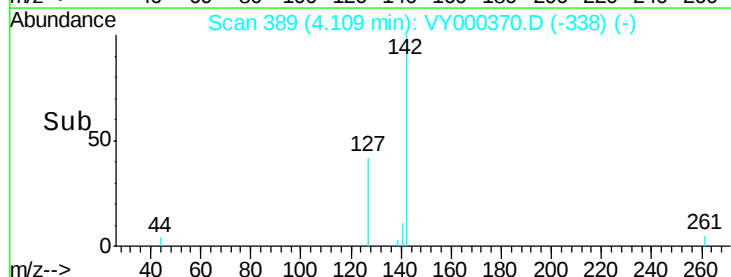
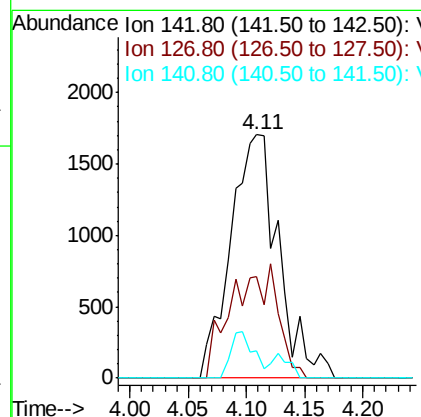
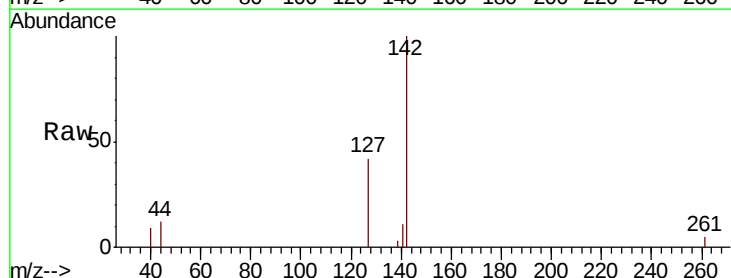
Manual Integrations
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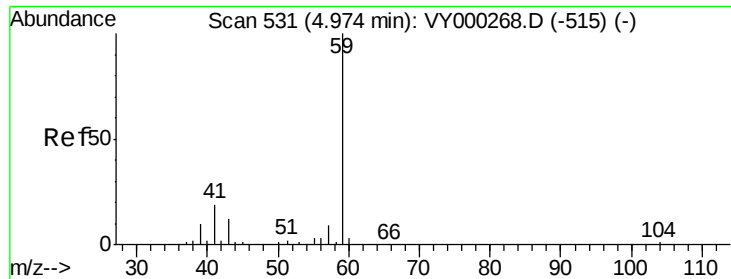
MMDadoda
 10/24/2019 4:34:18 PM



#10
 Methyl Iodide
 Concen: 41.794 ug/l
 RT: 4.11 min Scan# 389
 Delta R.T. 0.01 min
 Lab File: VY000370.D
 Acq: 22 Oct 2019 17:38

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	4884		
127	44.7		33.9	50.9
141	2.9		11.2	16.8#





#11

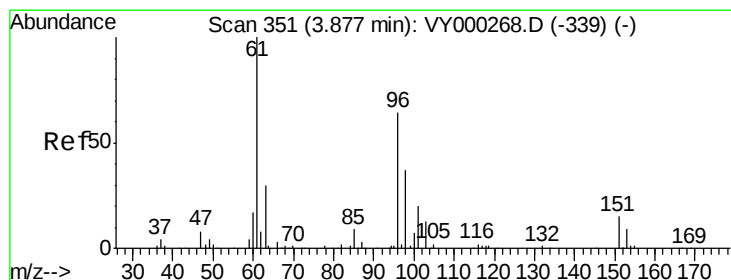
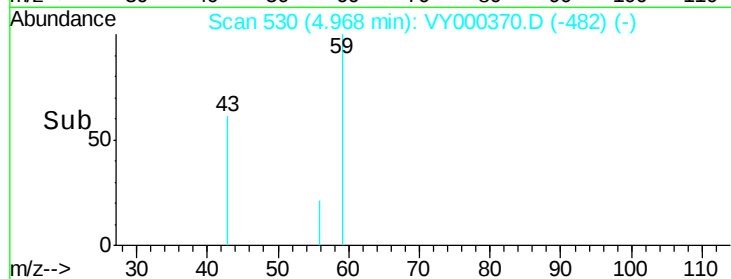
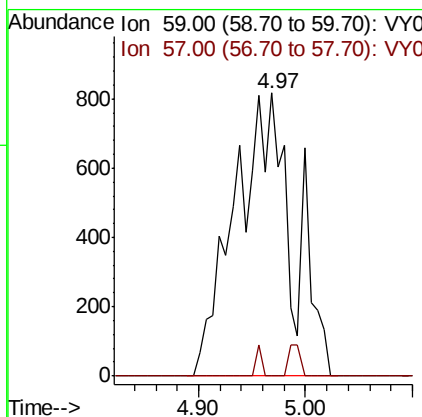
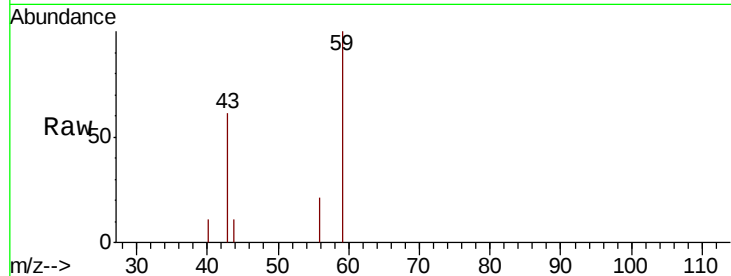
Tert butyl alcohol
 Concen: 341.868 ug/l m
 RT: 4.97 min Scan# 530
 Delta R.T. -0.01 min
 Lab File: VY000370.D
 Acq: 22 Oct 2019 17:38

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP1-2FTMSD

Tot Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.2	12.2#

Manual Integrations
 APPROVED

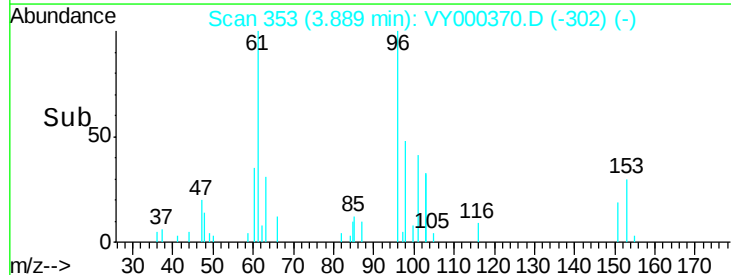
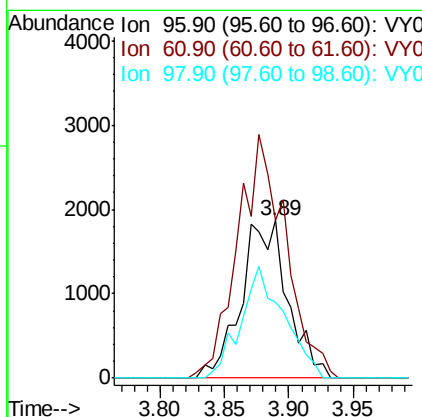
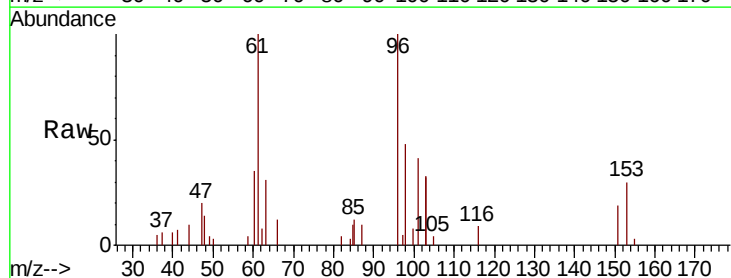
MMDadoda
 10/24/2019 4:34:18 PM

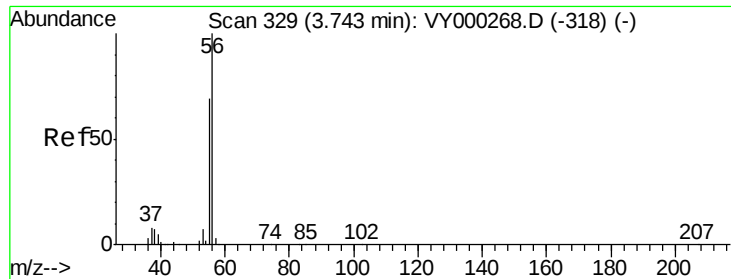


#12

1,1-Dichloroethene
 Concen: 57.530 ug/l
 RT: 3.89 min Scan# 353
 Delta R.T. 0.01 min
 Lab File: VY000370.D
 Acq: 22 Oct 2019 17:38

Tgt Ion	Ratio	Lower	Upper
96	100		
61	100.2	125.8	188.6#
98	48.5	46.2	69.2





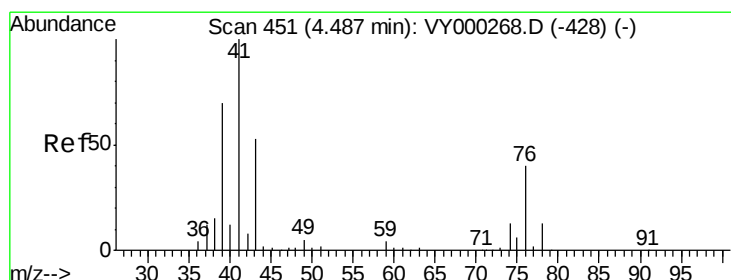
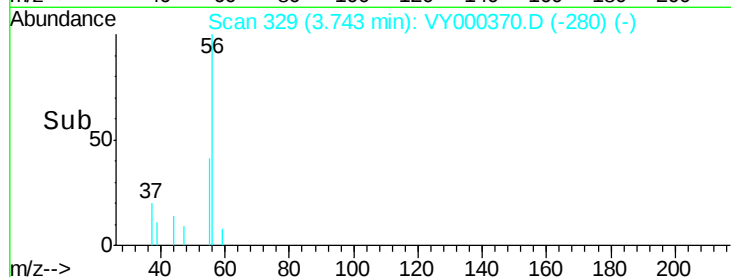
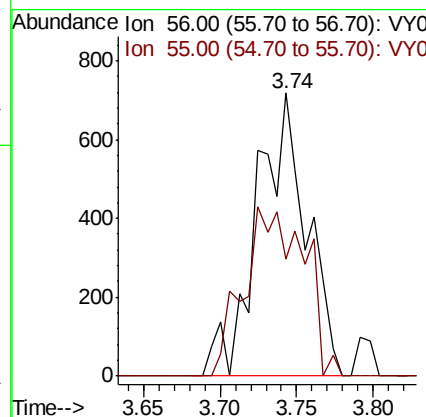
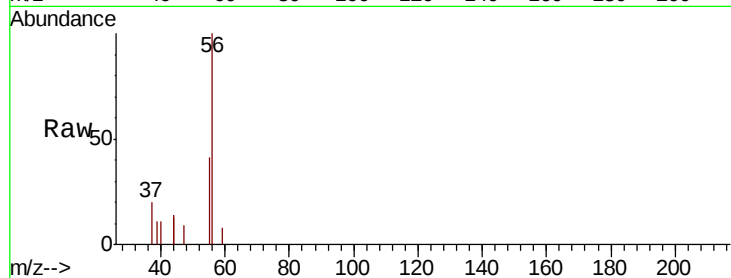
#13
Acrolein
Concen: 156.203 ug/l
RT: 3.74 min Scan# 329
Delta R.T. 0.00 min
Lab File: VY000370.D
Acq: 22 Oct 2019 17:38

Instrument :
MSVOA_Y
ClientSampleId :
TP1-2FTMSD

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
55	72.4	55.7	83.5	

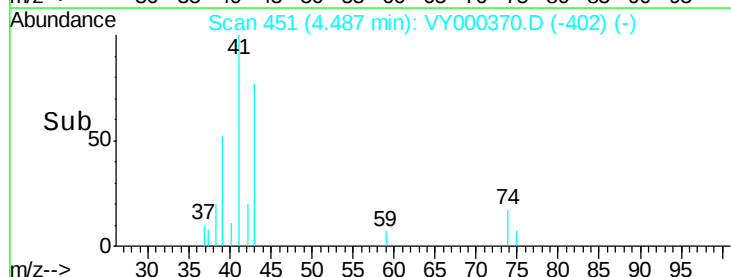
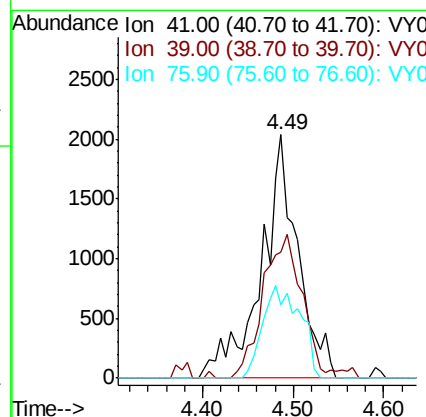
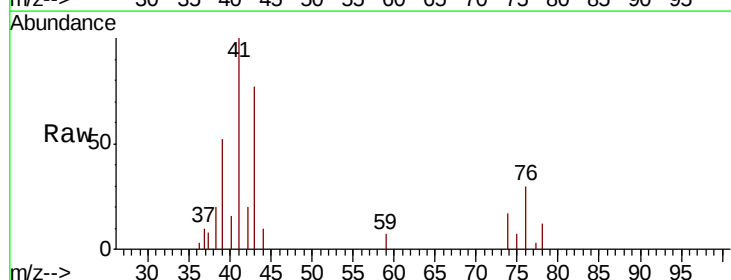
Manual Integrations
APPROVED

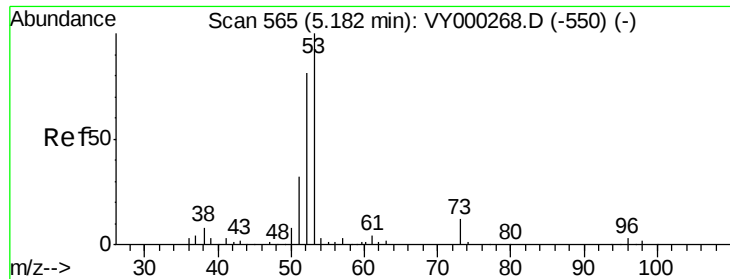
MMDadoda
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#14
Allyl chloride
Concen: 42.368 ug/l
RT: 4.49 min Scan# 451
Delta R.T. 0.00 min
Lab File: VY000370.D
Acq: 22 Oct 2019 17:38

Tgt Ion	Ion	Ratio	Lower	Upper
41	100			
39	62.9	54.0	81.0	
76	38.5	30.7	46.1	





#15

Acrylonitrile

Concen: 305.936 ug/l

RT: 5.19 min Scan# 567

Delta R.T. 0.01 min

Lab File: VY000370.D

Acq: 22 Oct 2019 17:38

Instrument :

MSVOA_Y

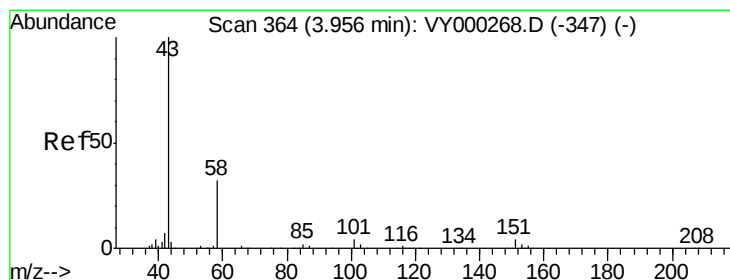
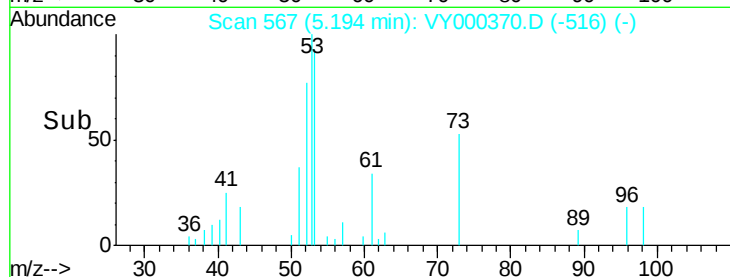
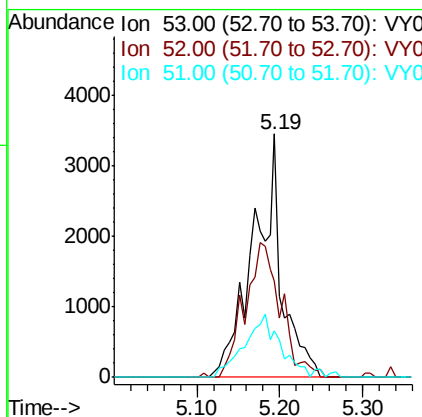
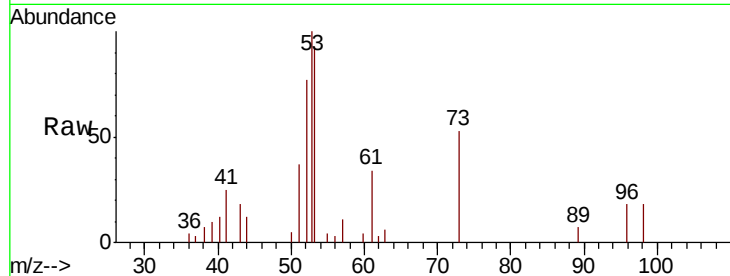
ClientSampleId :

TP1-2FTMSD

Tot Ion:	53	Resp:	8223
Ion	Ratio	Lower	Upper
53	100		
52	70.7	62.9	94.3
51	32.8	26.9	40.3

Manual Integrations
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#16

Acetone

Concen: 344.942 ug/l

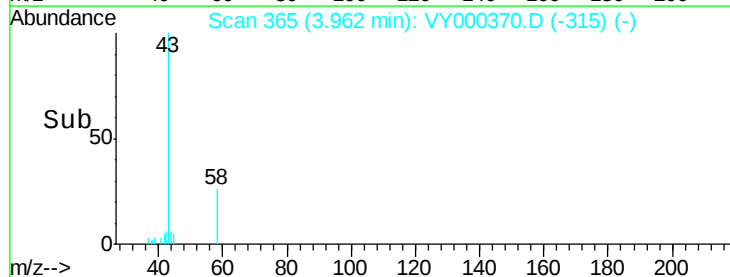
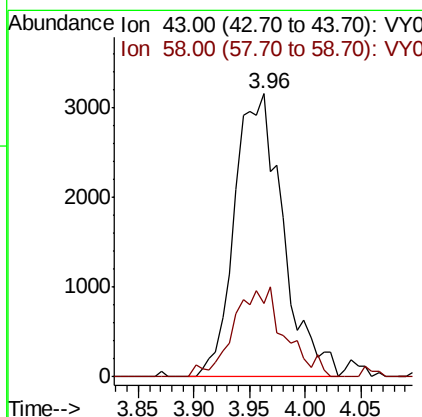
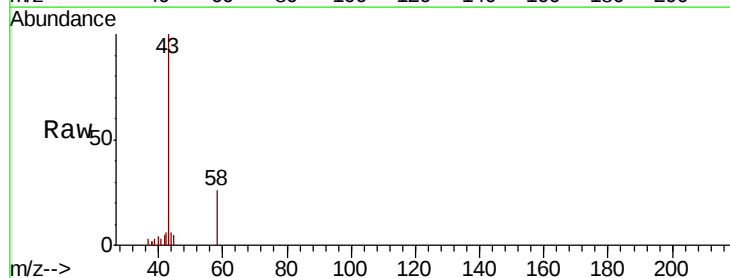
RT: 3.96 min Scan# 365

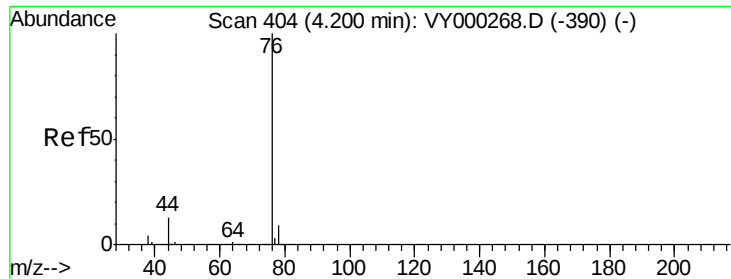
Delta R.T. 0.01 min

Lab File: VY000370.D

Acq: 22 Oct 2019 17:38

Tgt Ion:	43	Resp:	9495
Ion	Ratio	Lower	Upper
43	100		
58	26.1	25.8	38.6





#17

Carbon Disulfide

Concen: 36.349 ug/l

RT: 4.20 min Scan# 404

Delta R.T. 0.00 min

Lab File: VY000370.D

Acq: 22 Oct 2019 17:38

Instrument :

MSVOA_Y

ClientSampleId :

TP1-2FTMSD

Tot Ion: 76 Resp: 9314

Ion Ratio Lower Upper

76 100

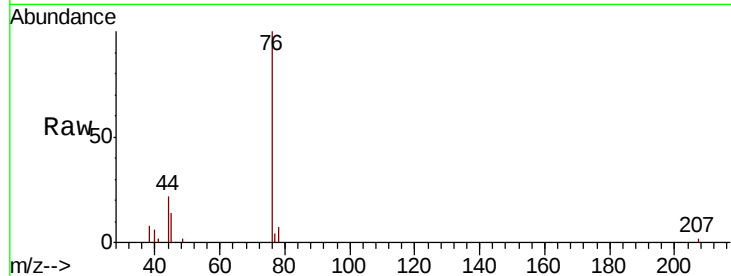
78 7.5 7.0 10.4

Manual Integrations

APPROVED

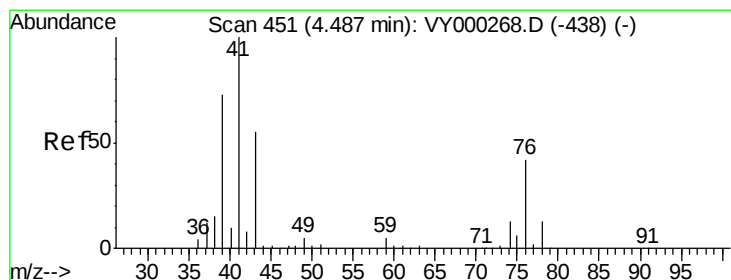
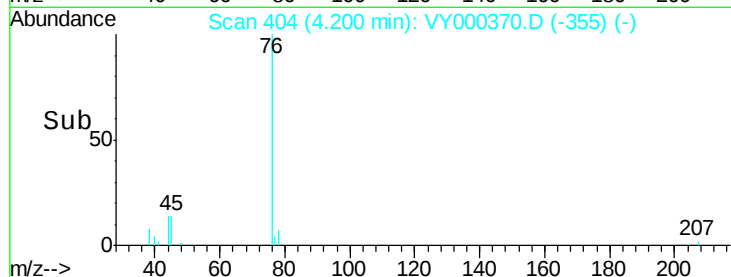
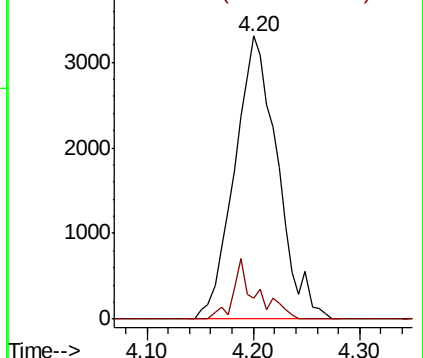
MMDadoda

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Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 77.114 ug/l

RT: 4.49 min Scan# 452

Delta R.T. 0.01 min

Lab File: VY000370.D

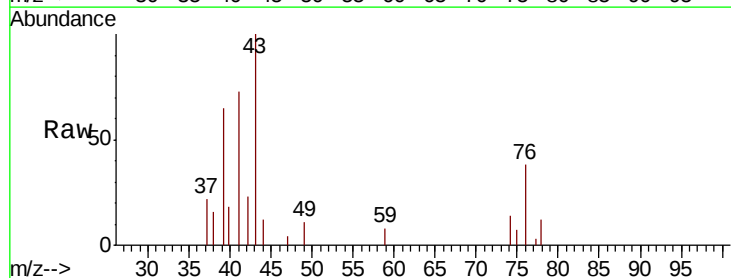
Acq: 22 Oct 2019 17:38

Tgt Ion: 43 Resp: 5274

Ion Ratio Lower Upper

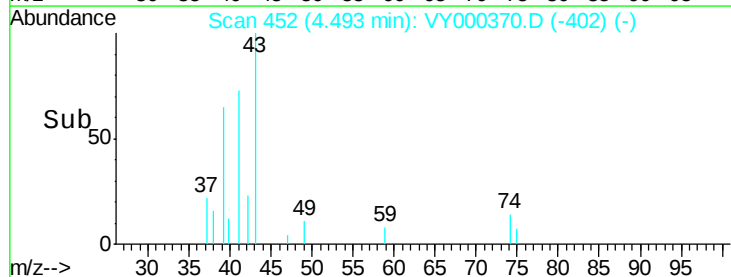
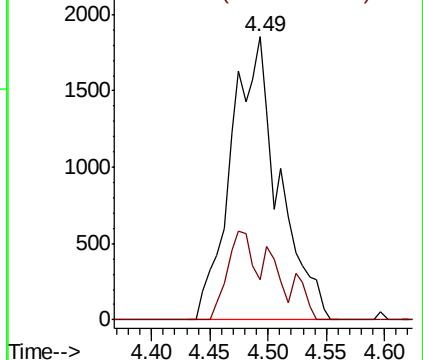
43 100

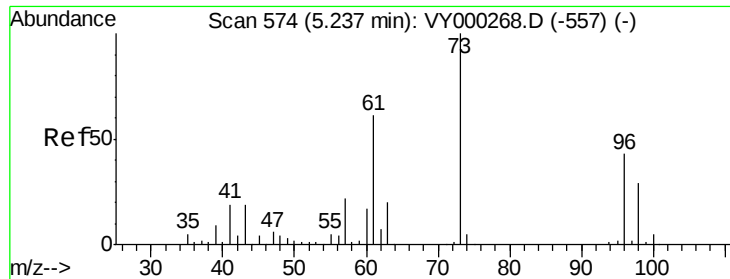
74 8.6 20.4 30.6#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0





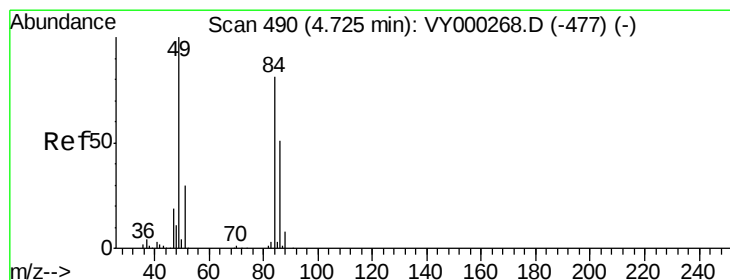
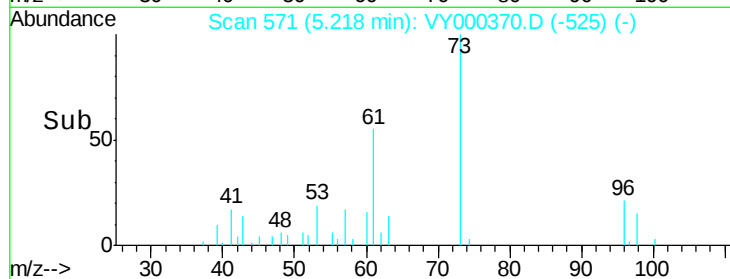
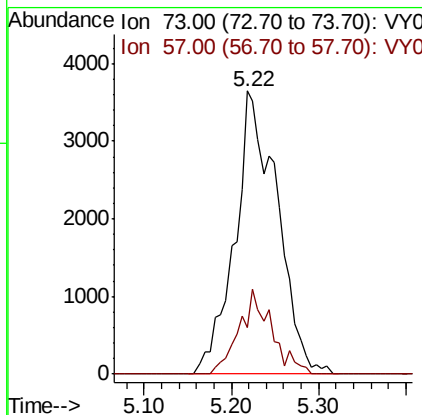
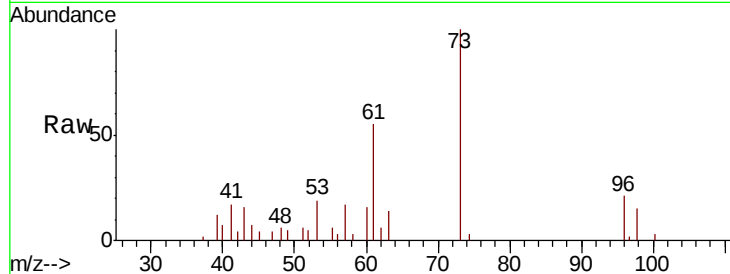
#19
Methvl tert-butvl Ether
Concen: 54.596 ug/l
RT: 5.22 min Scan# 571
Delta R.T. -0.02 min
Lab File: VY000370.D
Acq: 22 Oct 2019 17:38

Instrument :
MSVOA_Y
ClientSampleId :
TP1-2FTMSD

Tot Ion: 73 Resp: 12369
Ion Ratio Lower Upper
73 100
57 16.5 17.4 26.0#

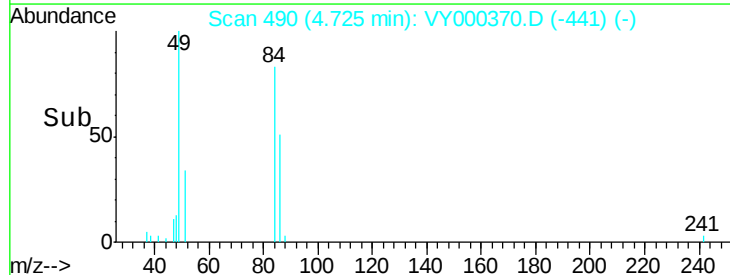
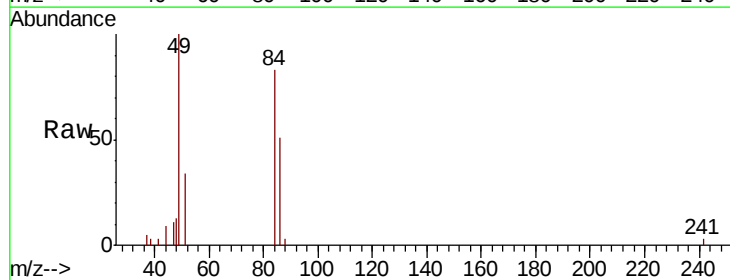
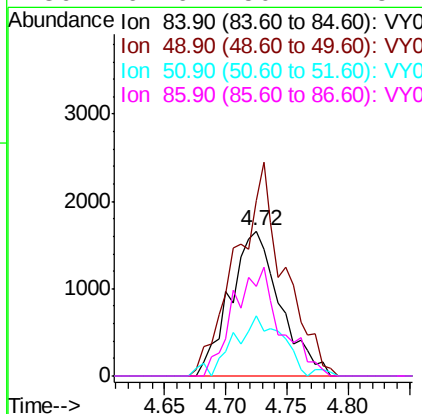
Manual Integrations
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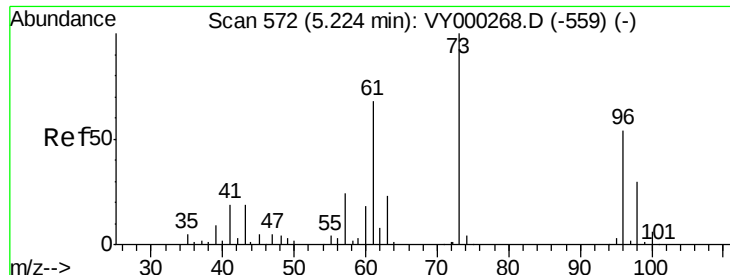
MMDadoda
10/24/2019 4:34:18 PM



#20
Methylene Chloride
Concen: 50.928 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY000370.D
Acq: 22 Oct 2019 17:38

Tgt Ion: 84 Resp: 4714
Ion Ratio Lower Upper
84 100
49 120.8 99.0 148.4
51 41.4 29.3 43.9
86 61.6 50.2 75.4





#21

trans-1,2-Dichloroethene

Concen: 50.958 ug/l

RT: 5.24 min Scan# 574

Delta R.T. 0.01 min

Lab File: VY000370.D

Acq: 22 Oct 2019 17:38

Instrument :

MSVOA_Y

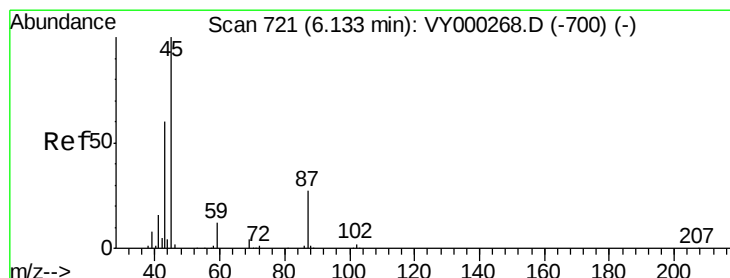
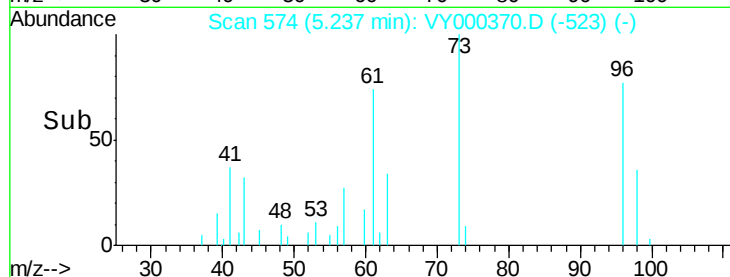
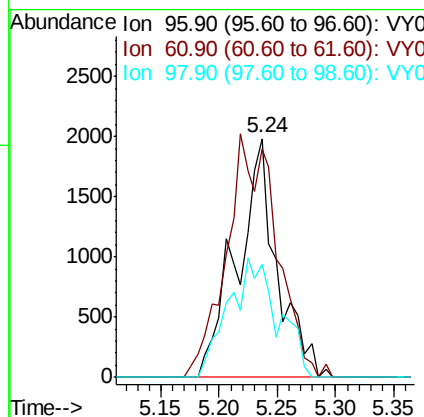
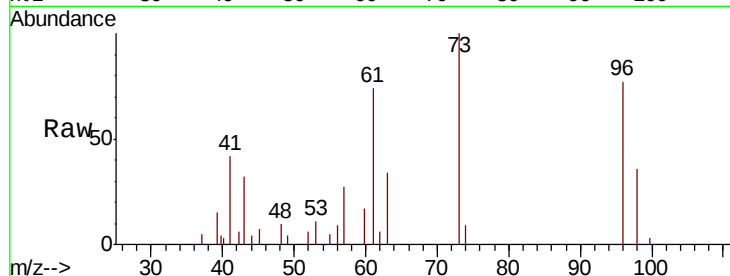
ClientSampleId :

TP1-2FTMSD

Tot Ion:	96	Resp:	4758
Ion	Ratio	Lower	Upper
96	100		
61	95.5	100.4	150.6#
98	47.4	44.6	66.8

Manual Integrations
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#22

Diisopropyl ether

Concen: 49.655 ug/l

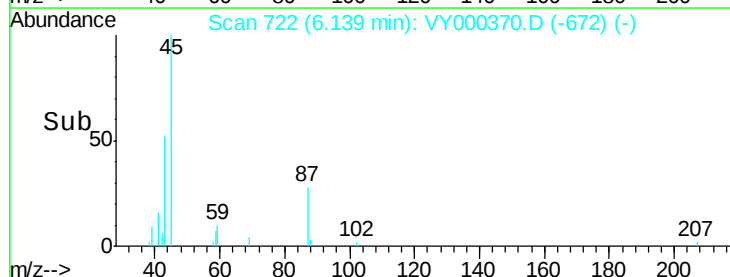
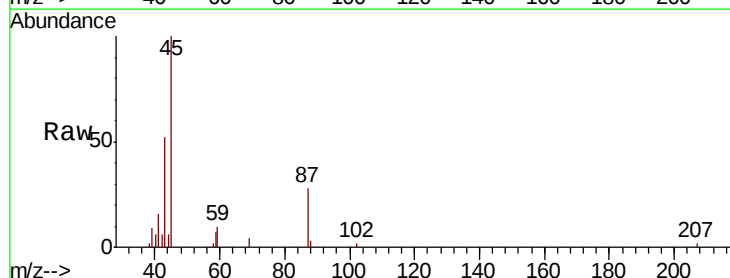
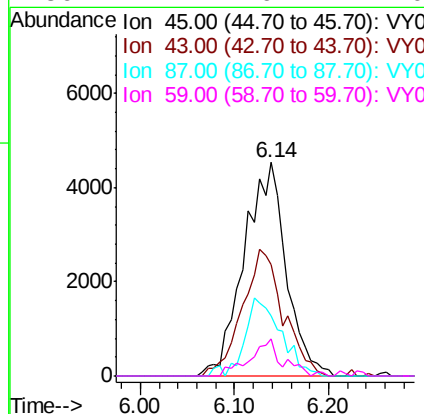
RT: 6.14 min Scan# 722

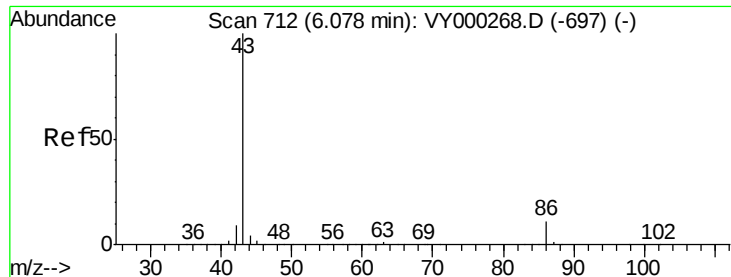
Delta R.T. 0.01 min

Lab File: VY000370.D

Acq: 22 Oct 2019 17:38

Tgt Ion:	45	Resp:	14164
Ion	Ratio	Lower	Upper
45	100		
43	52.1	48.5	72.7
87	28.4	21.5	32.3
59	17.2	9.4	14.0#





#23

Vinyl Acetate

Concen: 43.634 ug/l

RT: 6.13 min Scan# 720

Delta R.T. 0.05 min

Lab File: VY000370.D

Acq: 22 Oct 2019 17:38

Instrument :

MSVOA_Y

ClientSampleId :

TP1-2FTMSD

Tot Ion: 43 Resp: 8120

Ion Ratio Lower Upper

43 100

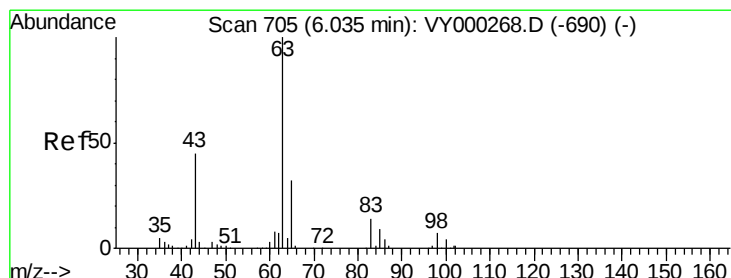
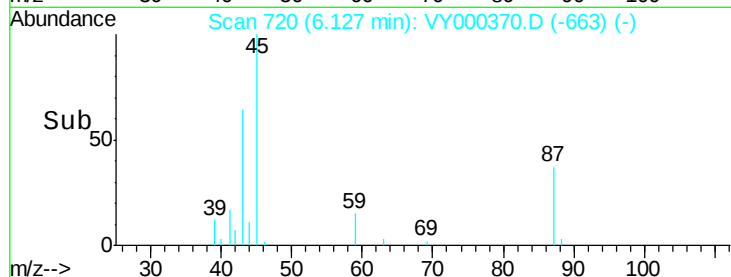
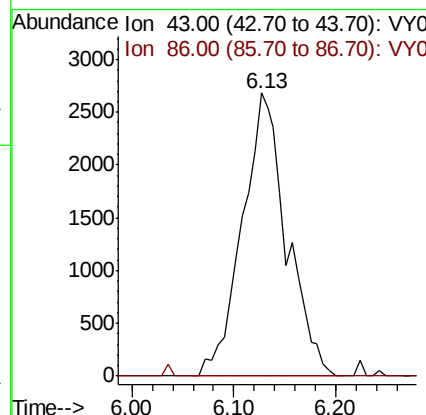
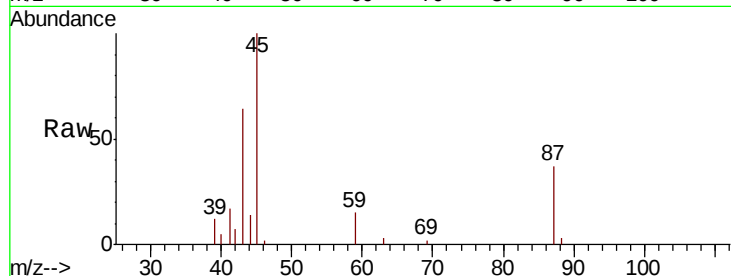
86 0.0 8.6 13.0#

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 53.430 ug/l

RT: 6.02 min Scan# 703

Delta R.T. -0.01 min

Lab File: VY000370.D

Acq: 22 Oct 2019 17:38

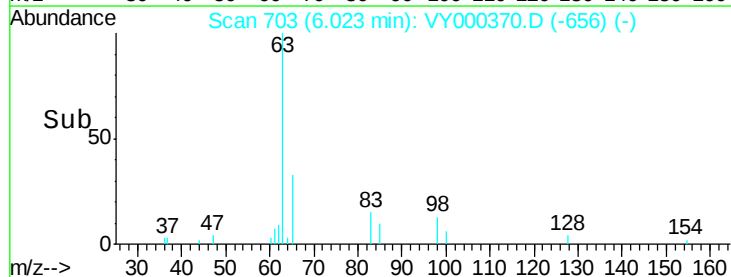
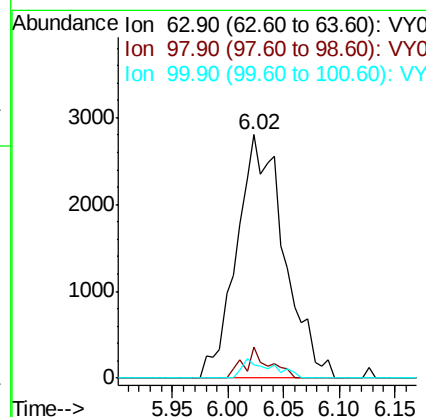
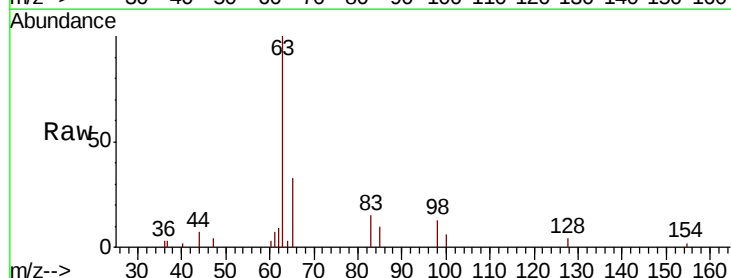
Tgt Ion: 63 Resp: 8319

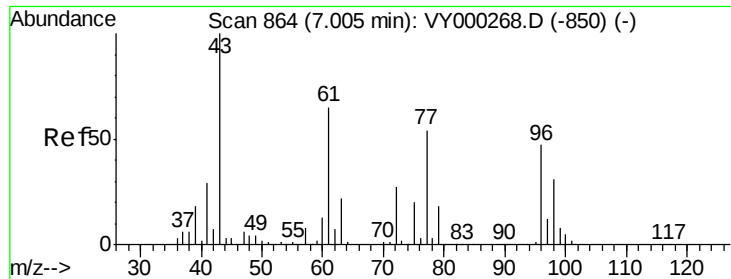
Ion Ratio Lower Upper

63 100

98 13.0 3.5 10.4#

100 5.6 2.1 6.2





#25

2-Butanone

Concen: 250.129 ug/l

RT: 7.00 min Scan# 864

Delta R.T. 0.00 min

Lab File: VY000370.D

Acq: 22 Oct 2019 17:38

Instrument :

MSVOA_Y

ClientSampleId :

TP1-2FTMSD

Tot Ion: 43 Resp: 9699

Ion Ratio Lower Upper

43 100

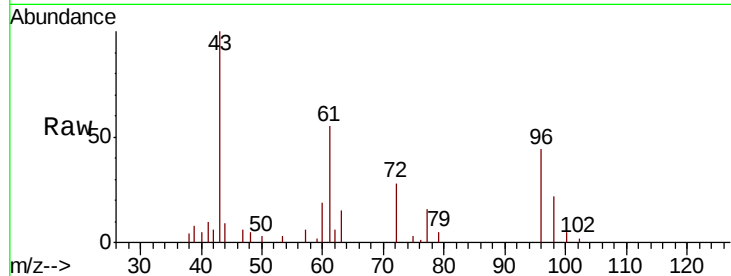
72 27.8 21.4 32.2

Manual Integrations

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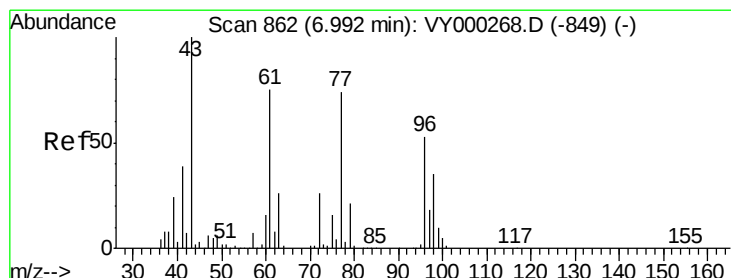
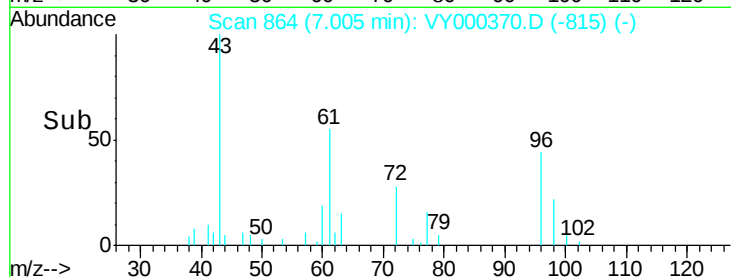
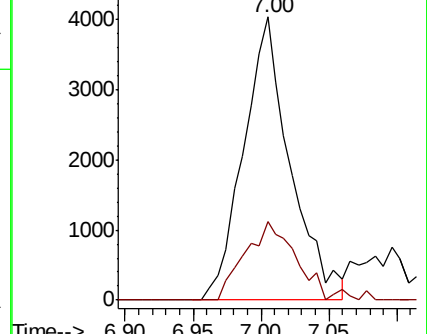
MMDadoda

10/24/2019 4:34:18 PM



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0



#26

2,2-Dichloropropane

Concen: 13.487 ug/l m

RT: 6.99 min Scan# 861

Delta R.T. -0.01 min

Lab File: VY000370.D

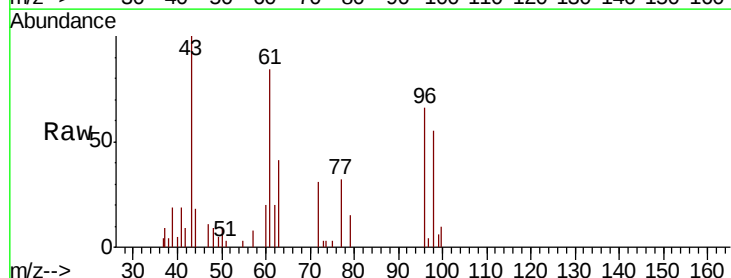
Acq: 22 Oct 2019 17:38

Tgt Ion: 77 Resp: 1935

Ion Ratio Lower Upper

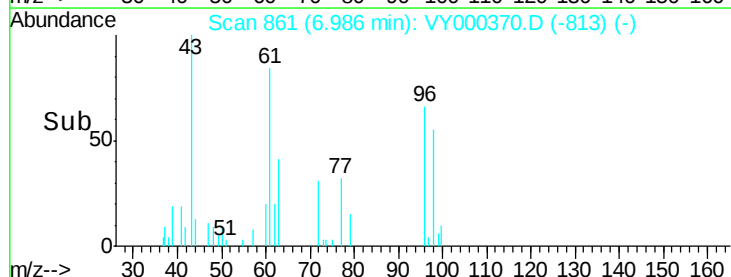
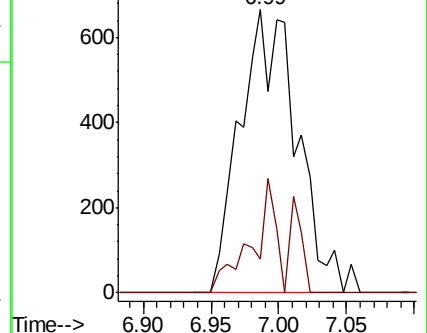
77 100

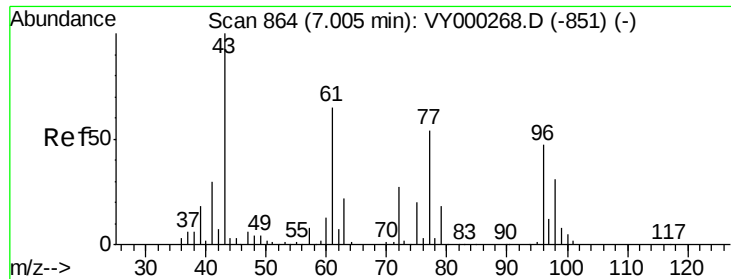
97 16.8 11.6 34.7



Abundance Ion 76.90 (76.60 to 77.60): VY0

Ion 96.90 (96.60 to 97.60): VY0





#27

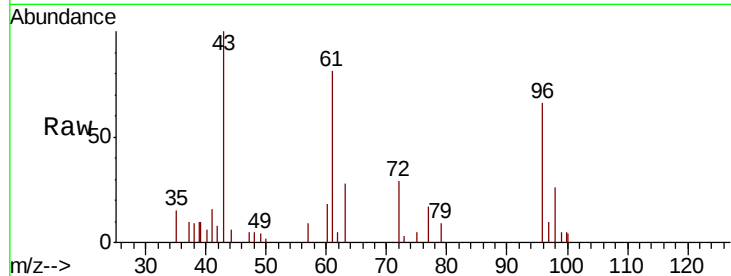
cis-1,2-Dichloroethene
Concen: 50.022 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.01 min
Lab File: VY000370.D
Acq: 22 Oct 2019 17:38

Instrument :
MSVOA_Y
ClientSampleId :
TP1-2FTMSD

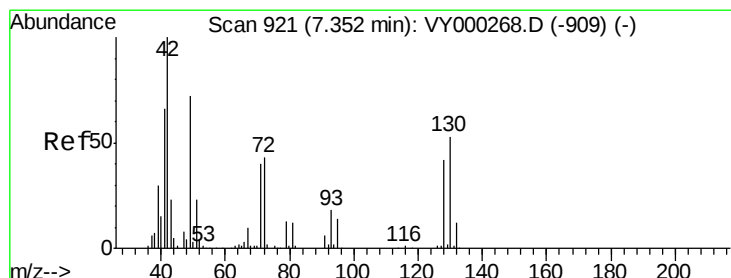
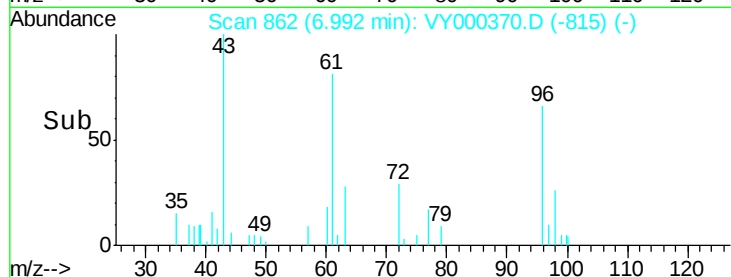
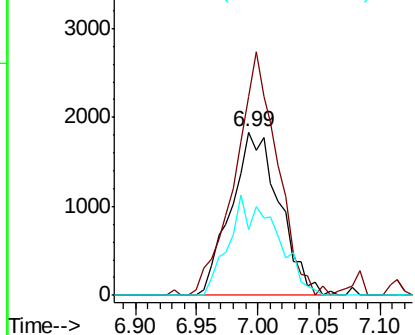
Tot Ion	Ratio	Lower	Upper
96	100		
61	130.0	0.0	289.8
98	26.4	0.0	131.8

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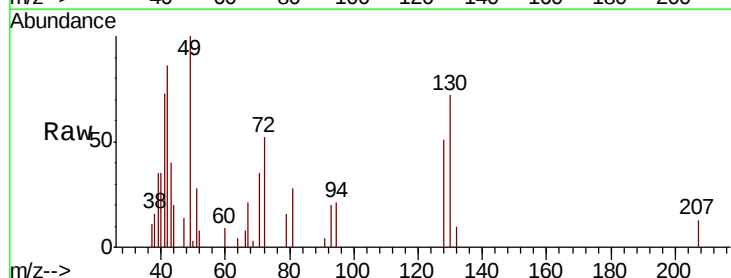
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



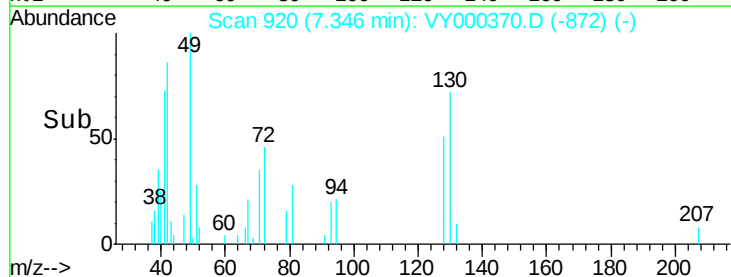
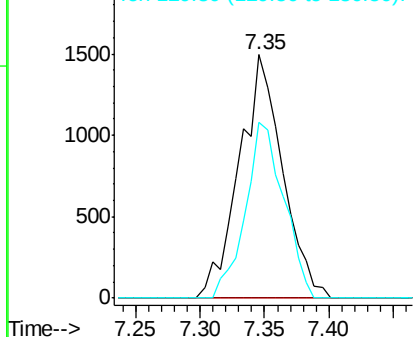
#28

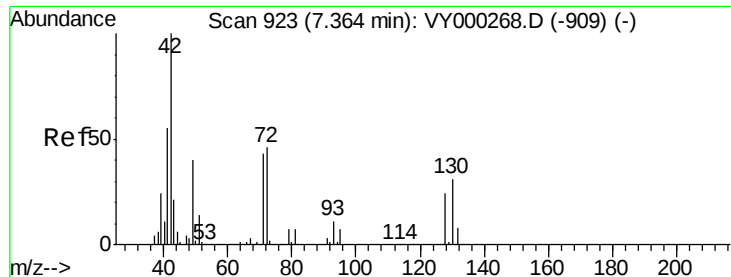
Bromochloromethane
Concen: 51.856 ug/l
RT: 7.35 min Scan# 920
Delta R.T. -0.01 min
Lab File: VY000370.D
Acq: 22 Oct 2019 17:38

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.0
130	64.0	58.2	87.2



Abundance Ion 48.90 (48.60 to 49.60): VY0
Ion 128.80 (128.50 to 129.50): VY0
Ion 129.80 (129.50 to 130.50): VY0





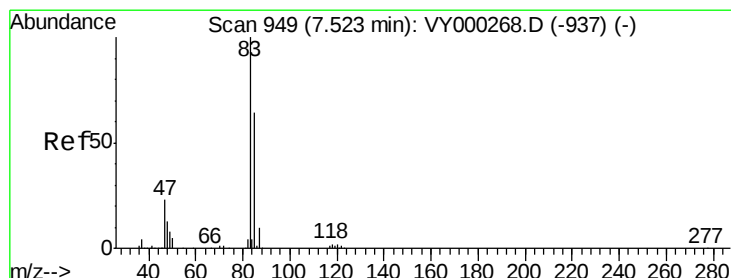
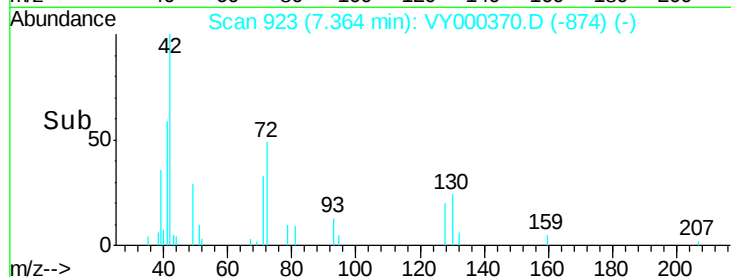
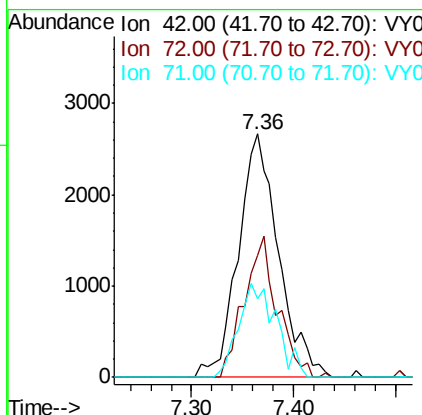
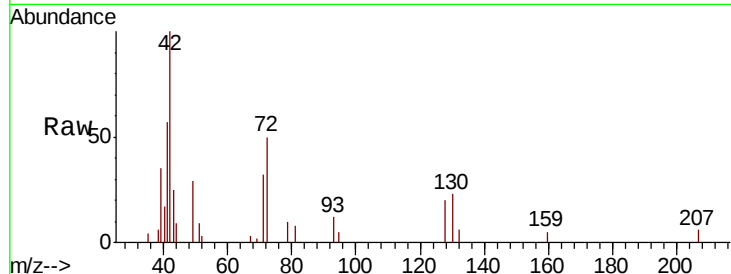
#29
Tetrahydrofuran
Concen: 310.855 ug/l
RT: 7.36 min Scan# 923
Delta R.T. 0.00 min
Lab File: VY000370.D
Acq: 22 Oct 2019 17:38

Instrument :
MSVOA_Y
ClientSampleId :
TP1-2FTMSD

Tot Ion	Ratio	Lower	Upper
42	100		
72	47.7	34.5	51.7
71	35.9	32.7	49.1

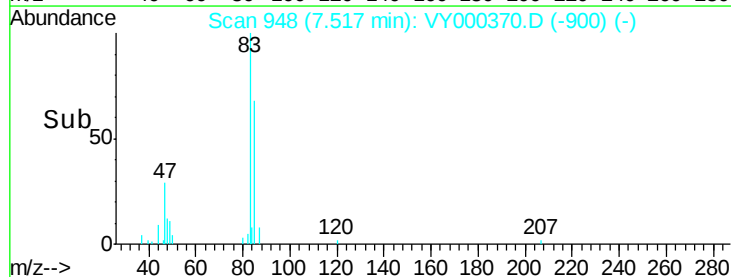
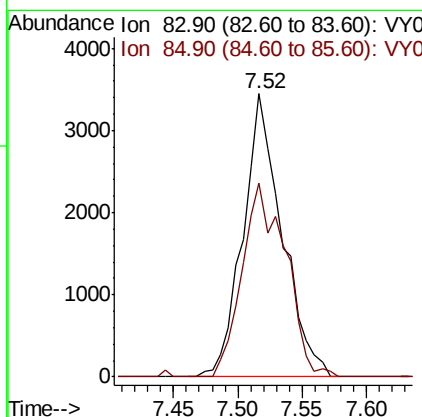
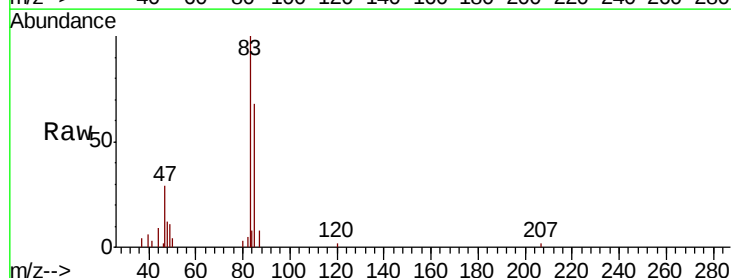
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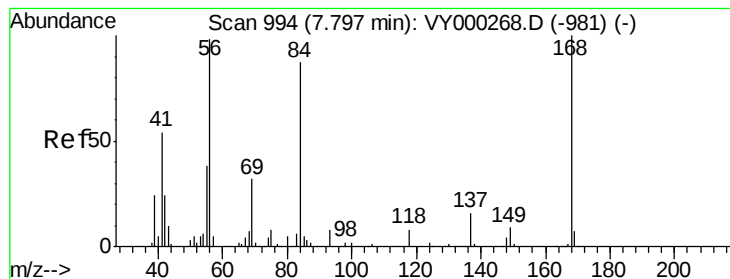
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#30
Chloroform
Concen: 45.995 ug/l
RT: 7.52 min Scan# 948
Delta R.T. -0.01 min
Lab File: VY000370.D
Acq: 22 Oct 2019 17:38

Tgt Ion	Ratio	Lower	Upper
83	100		
85	68.3	51.4	77.2





#31

Cyclohexane

Concen: 45.204 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.01 min

Lab File: VY000370.D

Acq: 22 Oct 2019 17:38

Instrument :

MSVOA_Y

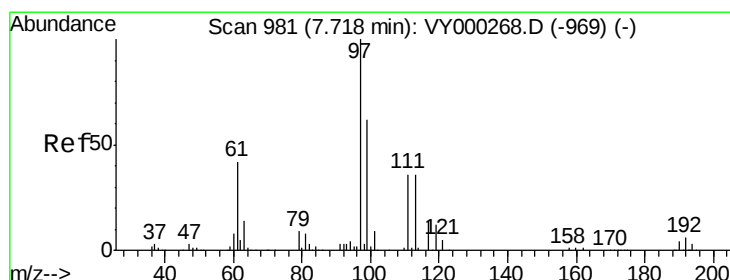
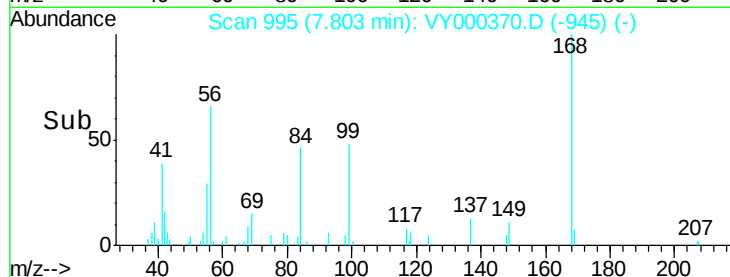
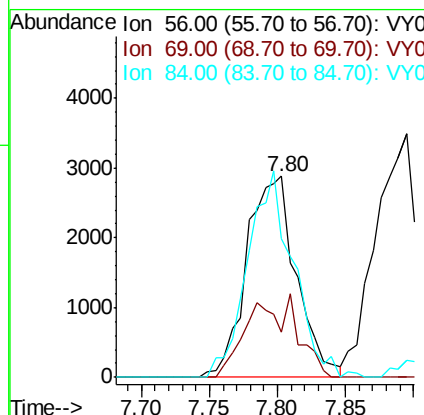
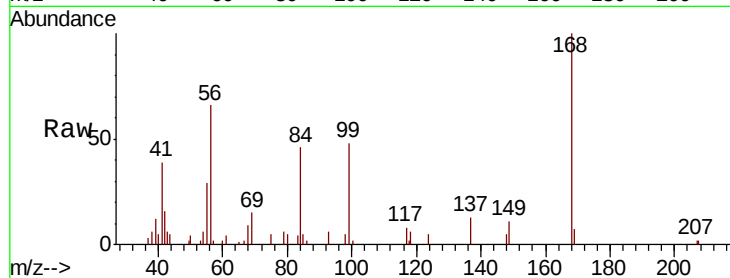
ClientSampleId :

TP1-2FTMSD

Tot Ion:	56	Resp:	7351
Ion	Ratio	Lower	Upper
56	100		
69	22.7	26.3	39.5#
84	69.2	70.8	106.2#

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#32

1,1,1-Trichloroethane

Concen: 48.780 ug/l

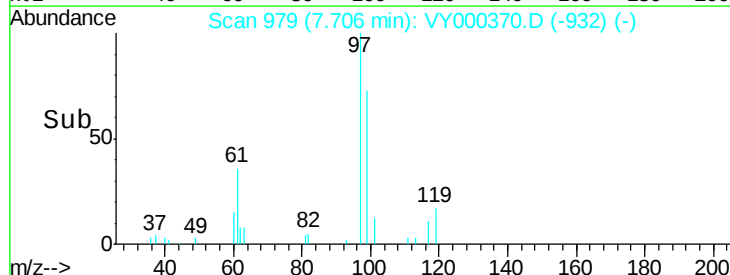
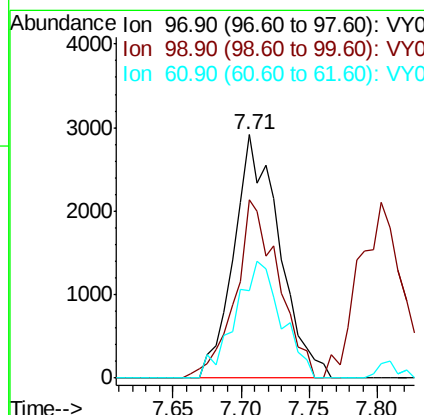
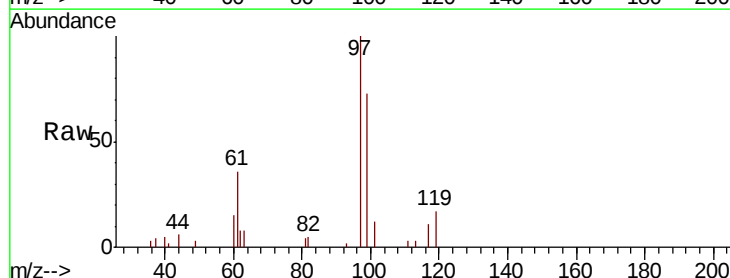
RT: 7.71 min Scan# 979

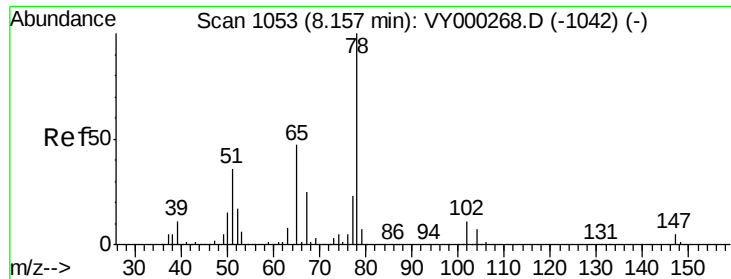
Delta R.T. -0.01 min

Lab File: VY000370.D

Acq: 22 Oct 2019 17:38

Tgt Ion:	97	Resp:	6800
Ion	Ratio	Lower	Upper
97	100		
99	69.4	51.7	77.5
61	48.9	34.5	51.7





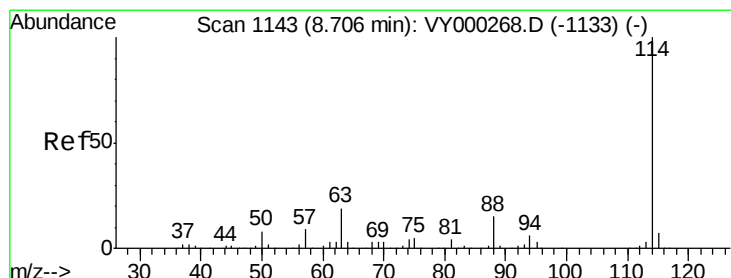
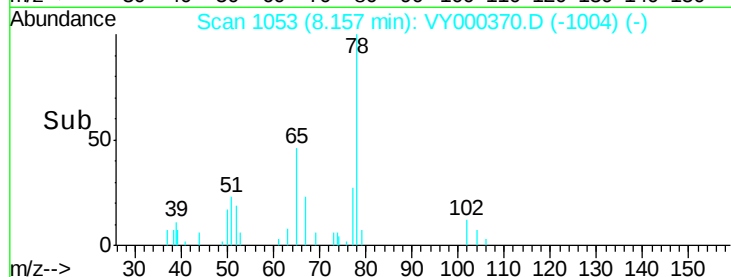
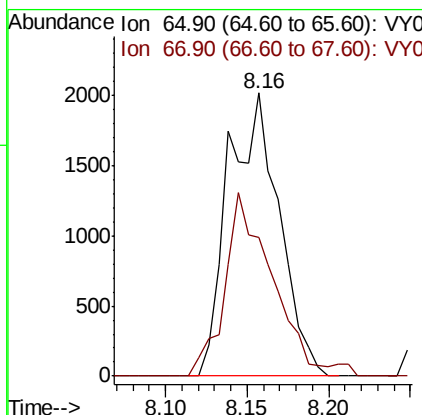
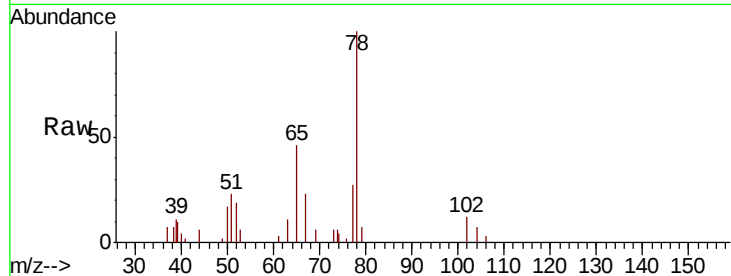
#33
 1,2-Dichloroethane-d4
 Concen: 51.459 ug/l
 RT: 8.16 min Scan# 1053
 Delta R.T. 0.00 min
 Lab File: VY000370.D
 Acq: 22 Oct 2019 17:38

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP1-2FTMSD

Tot Ion	Ratio	Lower	Upper
65	100		
67	61.1	0.0	109.4

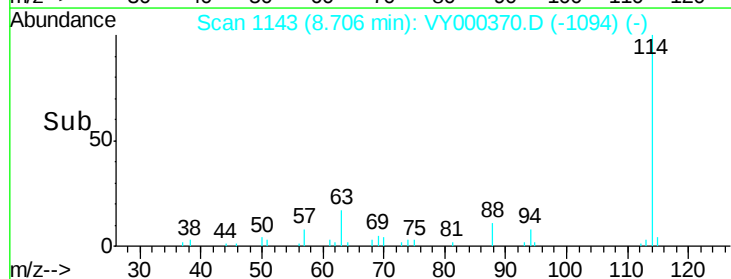
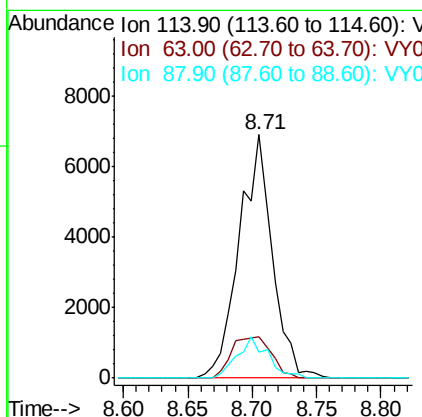
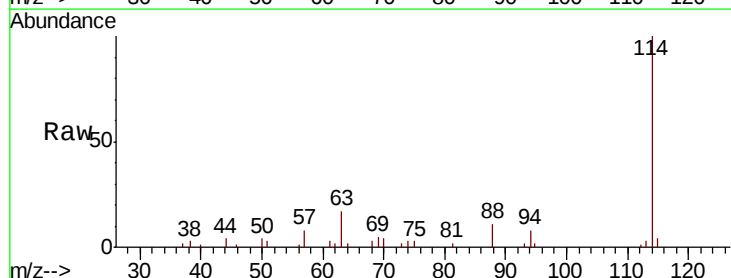
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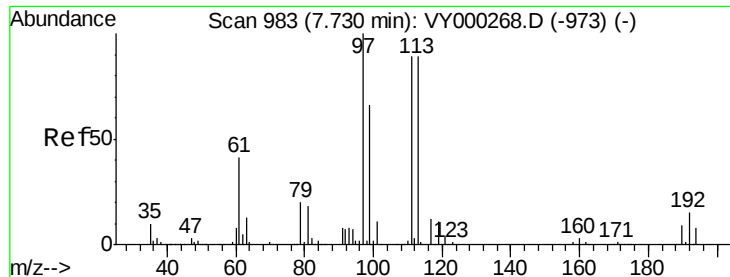
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. 0.00 min
 Lab File: VY000370.D
 Acq: 22 Oct 2019 17:38

Tgt Ion	Ratio	Lower	Upper
114	100		
63	16.9	0.0	37.2
88	10.6	0.0	30.2





#35

Dibromofluoromethane

Concen: 18.237 ug/l

RT: 7.73 min Scan# 983

Delta R.T. 0.00 min

Lab File: VY000370.D

Acq: 22 Oct 2019 17:38

Instrument :

MSVOA_Y

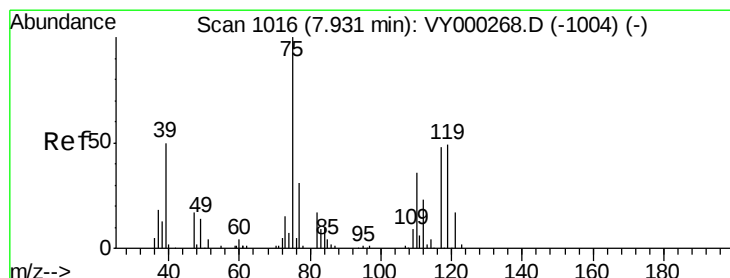
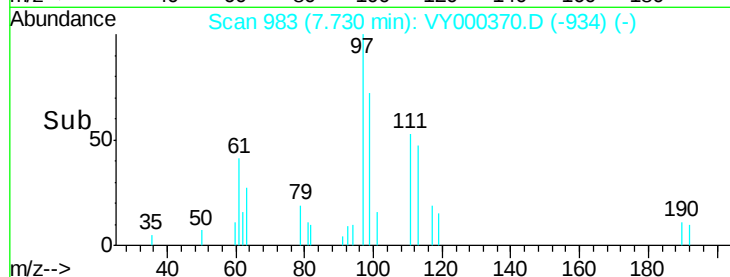
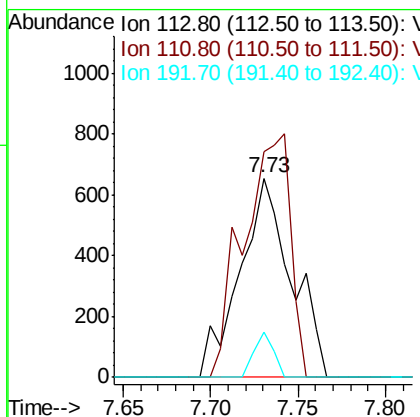
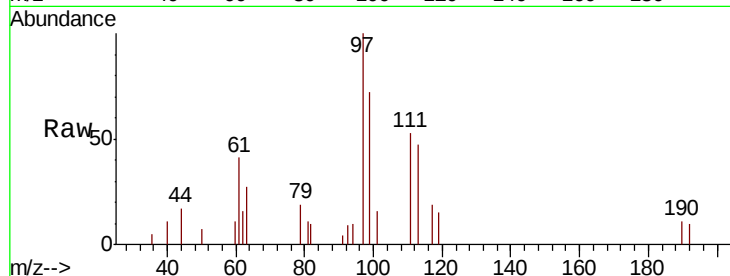
ClientSampleId :

TP1-2FTMSD

Tot Ion	Ratio	Lower	Upper
113	100		
111	110.1	81.6	122.4
192	8.4	15.3	22.9#

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#36

1,1-Dichloropropene

Concen: 48.360 ug/l

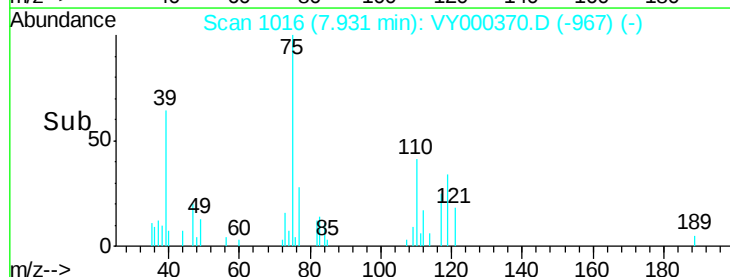
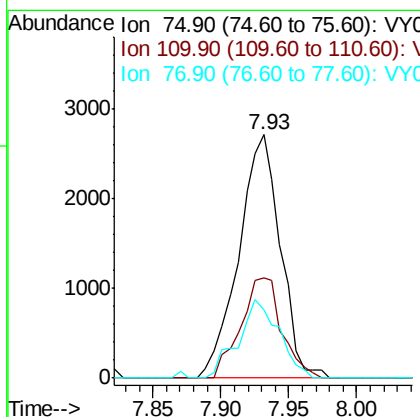
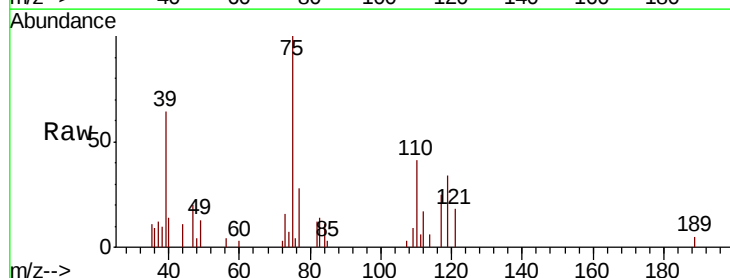
RT: 7.93 min Scan# 1016

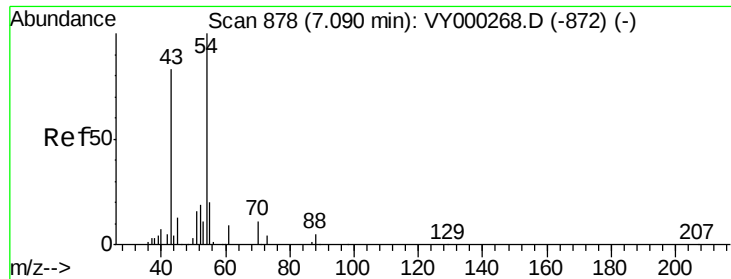
Delta R.T. 0.00 min

Lab File: VY000370.D

Acq: 22 Oct 2019 17:38

Tgt Ion	Ratio	Lower	Upper
75	100		
110	40.7	18.4	55.4
77	31.6	25.0	37.6





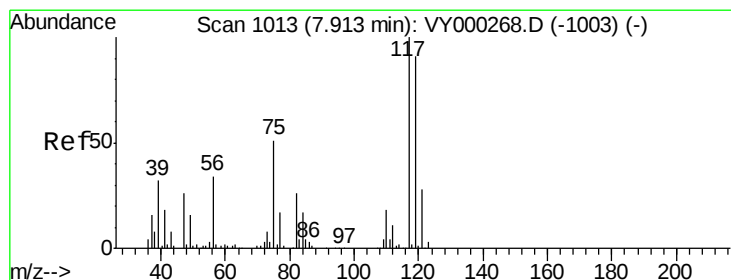
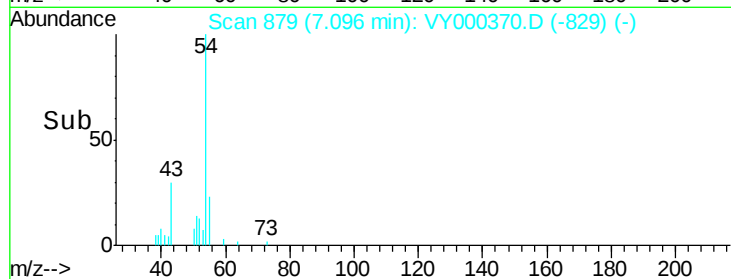
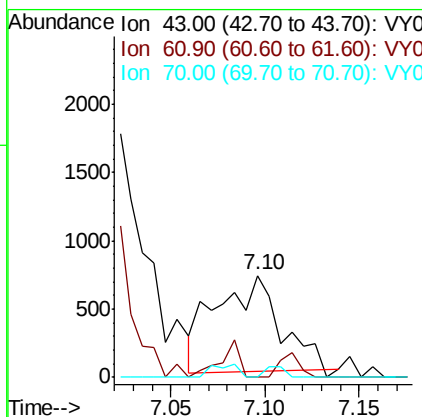
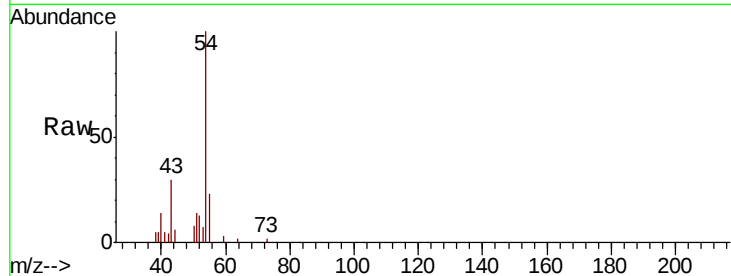
#37
Ethyl Acetate
Concen: 23.579 ug/l
RT: 7.10 min Scan# 879
Delta R.T. 0.01 min
Lab File: VY000370.D
Acq: 22 Oct 2019 17:38

Instrument :
MSVOA_Y
ClientSampleId :
TP1-2FTMSD

Tot Ion	Ratio	Lower	Upper
43	100		
61	0.0	12.1	18.1#
70	3.2	8.7	13.1#

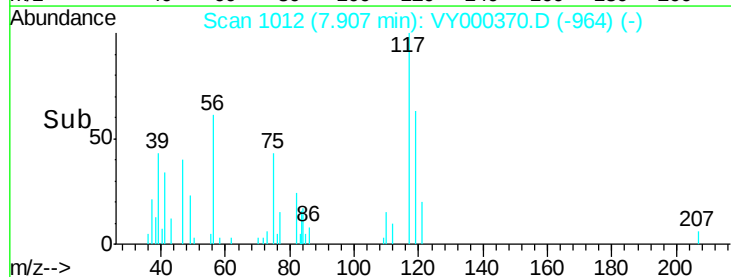
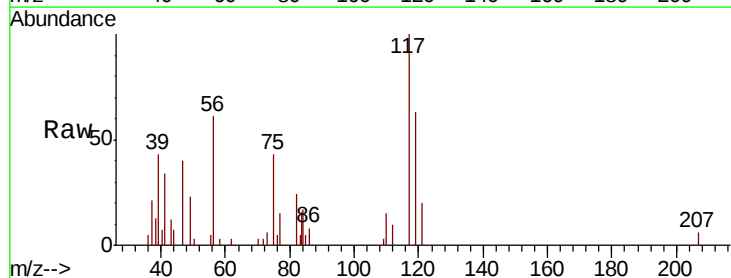
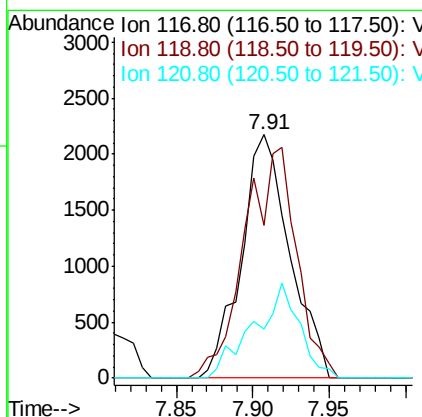
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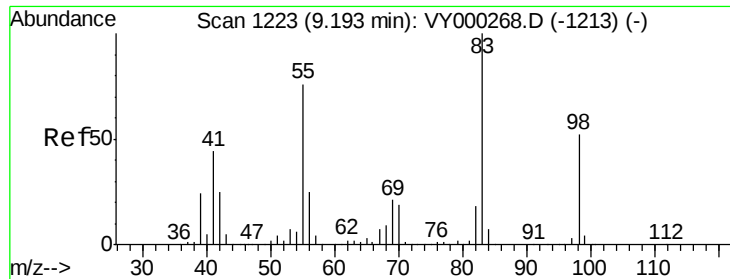
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#38
Carbon Tetrachloride
Concen: 41.295 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.01 min
Lab File: VY000370.D
Acq: 22 Oct 2019 17:38

Tgt Ion	Ratio	Lower	Upper
117	100		
119	62.9	72.8	109.2#
121	20.4	22.2	33.2#





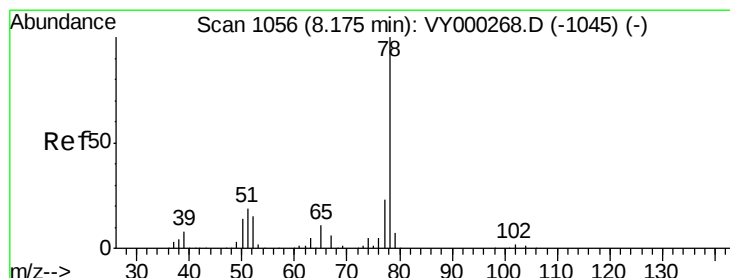
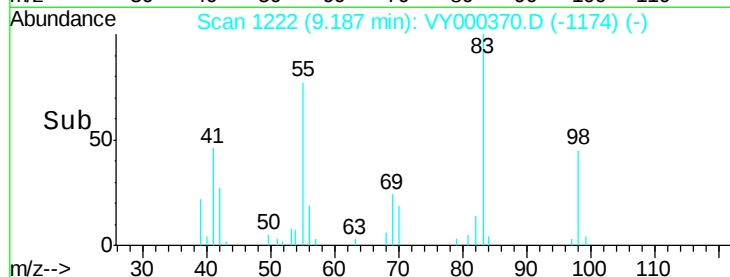
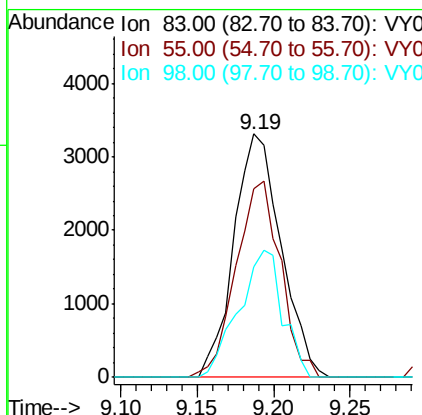
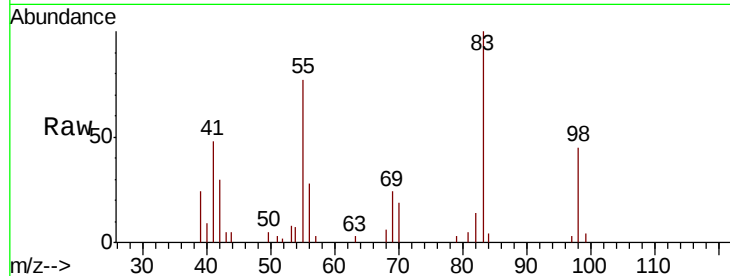
#39
Methvlcvclohexane
Concen: 45.235 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.01 min
Lab File: VY000370.D
Acq: 22 Oct 2019 17:38

Instrument :
MSVOA_Y
ClientSampleId :
TP1-2FTMSD

Tot Ion	83.00	Resp:	7103
Ion	Ratio	Lower	Upper
83	100		
55	77.4	60.9	91.3
98	45.2	41.8	62.6

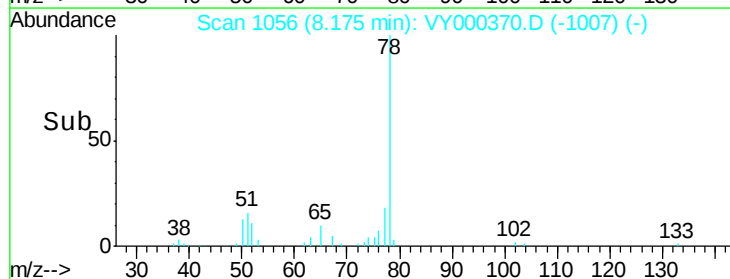
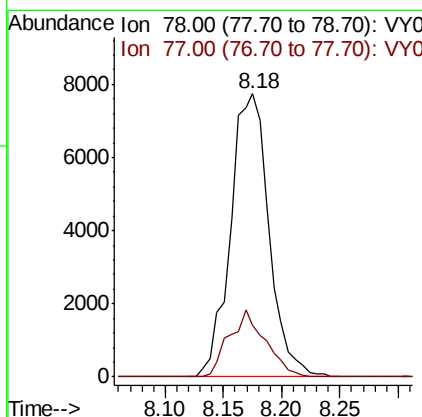
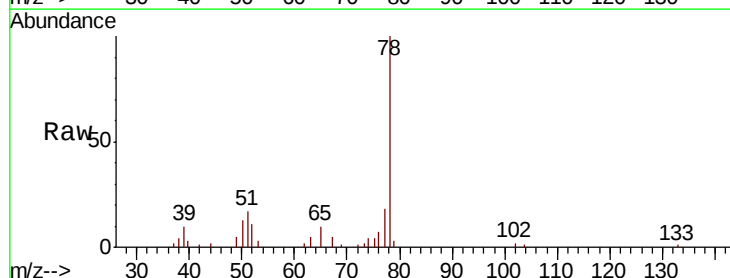
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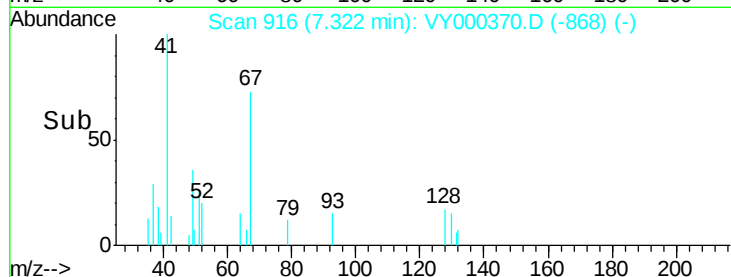
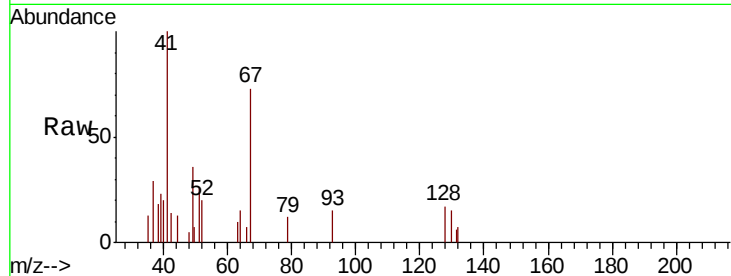
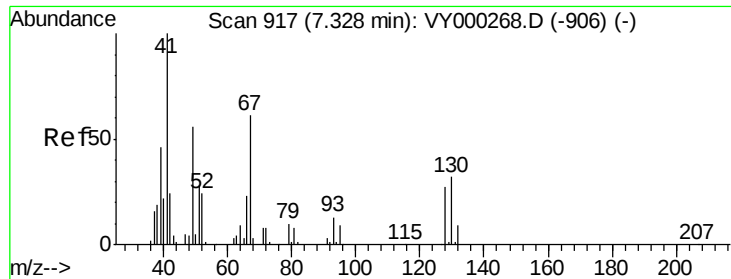
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#40
Benzene
Concen: 51.328 ug/l
RT: 8.18 min Scan# 1056
Delta R.T. 0.00 min
Lab File: VY000370.D
Acq: 22 Oct 2019 17:38

Tgt Ion	78.00	Resp:	17796
Ion	Ratio	Lower	Upper
78	100		
77	18.2	18.8	28.2#





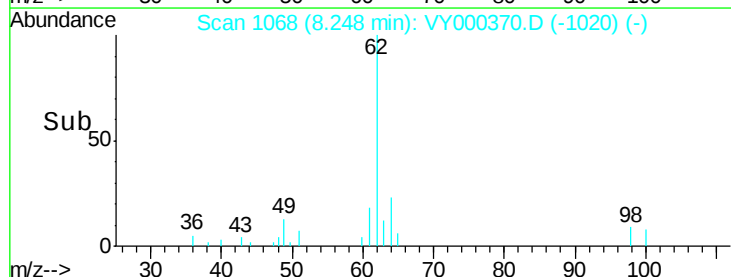
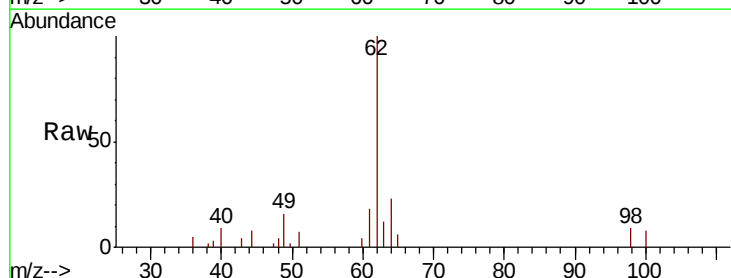
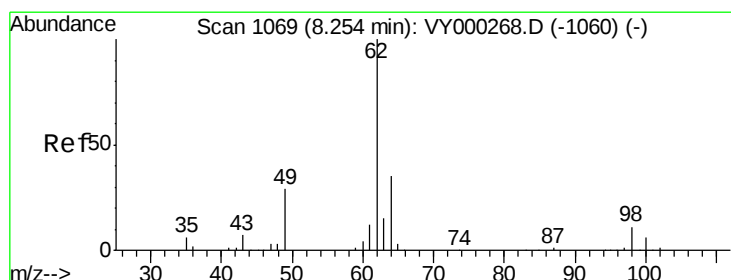
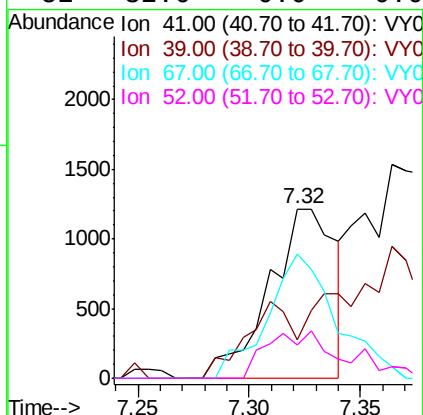
#41
Methacrylonitrile
Concen: 73.843 ug/l
RT: 7.32 min Scan# 916
Delta R.T. -0.01 min
Lab File: VY000370.D
Acq: 22 Oct 2019 17:38

Tot Ion	Ratio	Lower	Upper
41	100		
39	32.5	110.2	165.2#
67	77.1	0.0	0.0#
52	32.6	0.0	0.0#

Instrument :
MSVOA_Y
ClientSampleId :
TP1-2FTMSD

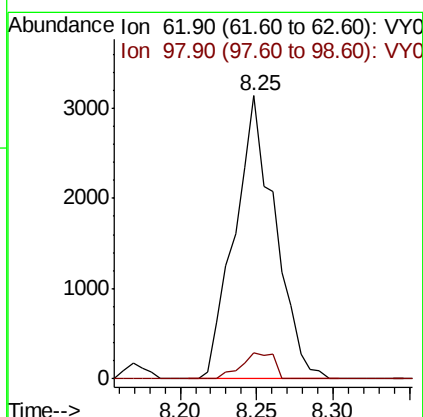
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#42
1,2-Dichloroethane
Concen: 58.109 ug/l
RT: 8.25 min Scan# 1068
Delta R.T. -0.01 min
Lab File: VY000370.D
Acq: 22 Oct 2019 17:38

Tgt Ion	Ratio	Lower	Upper
62	100		
98	7.3	0.0	20.6





#43

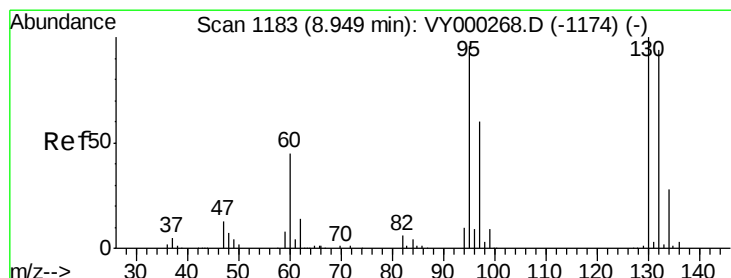
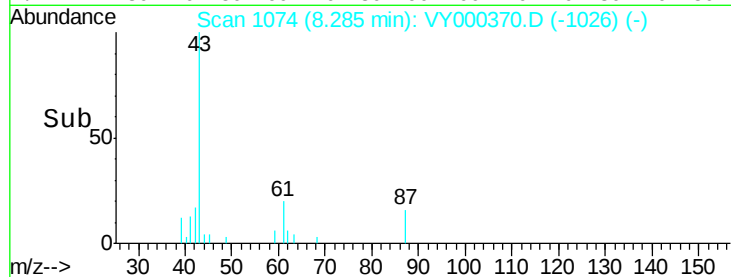
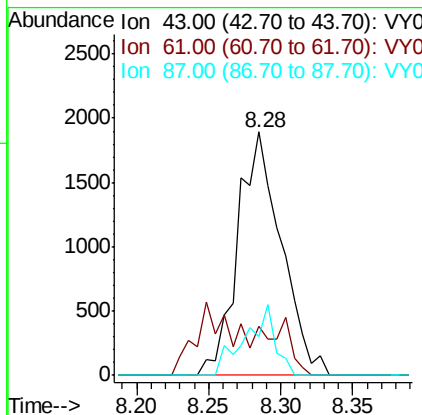
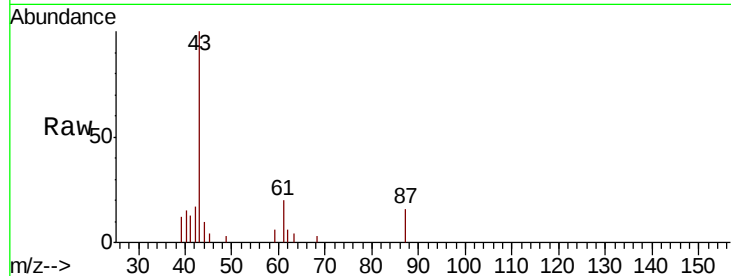
Isopropyl Acetate
 Concen: 29.465 ug/l
 RT: 8.28 min Scan# 1074
 Delta R.T. -0.01 min
 Lab File: VY000370.D
 Acq: 22 Oct 2019 17:38

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP1-2FTMSD

Tot Ion	Ratio	Lower	Upper
43	100		
61	0.0	22.3	33.5#
87	19.8	10.9	16.3#

Manual Integrations
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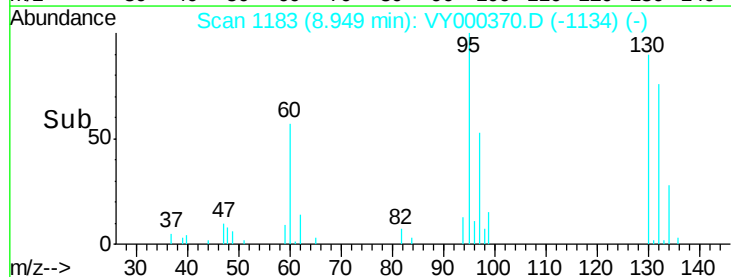
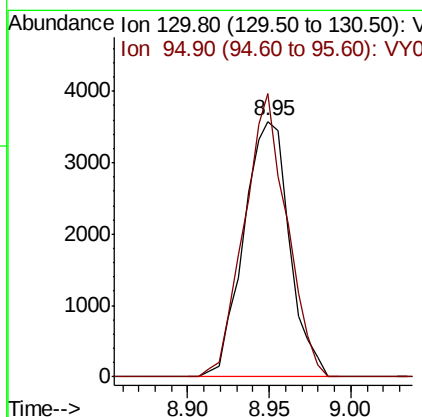
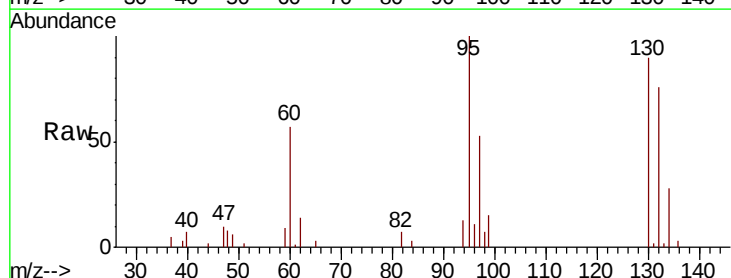
MMDadoda
 10/24/2019 4:34:18 PM

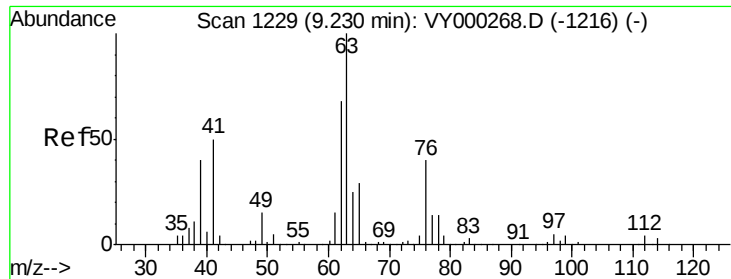


#44

Trichloroethene
 Concen: 71.462 ug/l
 RT: 8.95 min Scan# 1183
 Delta R.T. 0.00 min
 Lab File: VY000370.D
 Acq: 22 Oct 2019 17:38

Tgt Ion	Ratio	Lower	Upper
130	100		
95	110.9	0.0	191.4





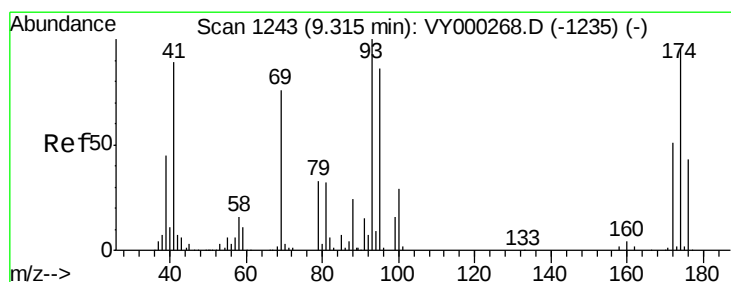
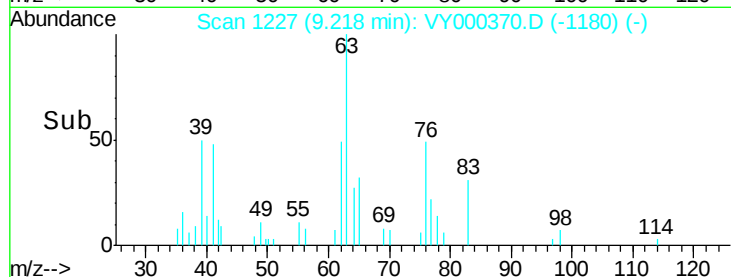
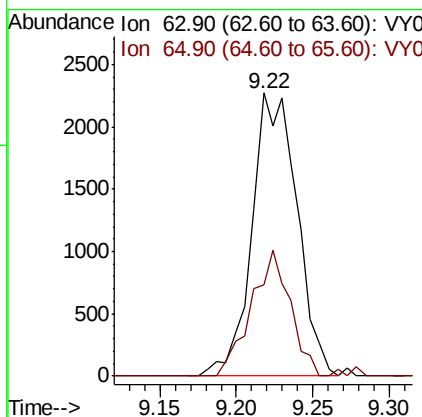
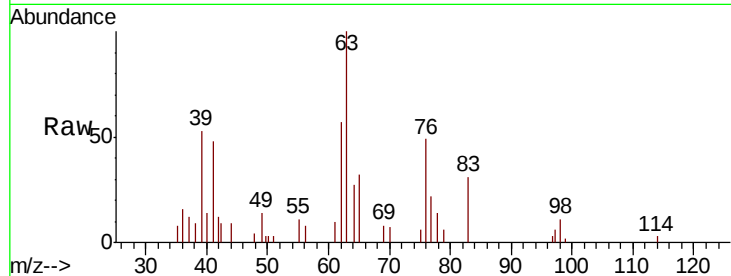
#45
 1,2-Dichloropropane
 Concen: 54.581 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. -0.01 min
 Lab File: VY000370.D
 Acq: 22 Oct 2019 17:38

Instrument :
 MSVOA_Y
 ClientSampled :
 TP1-2FTMSD

Tot Ion: 63 Resp: 4644
 Ion Ratio Lower Upper
 63 100
 65 32.5 23.2 34.8

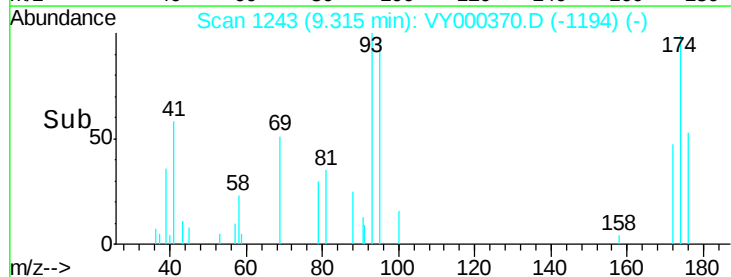
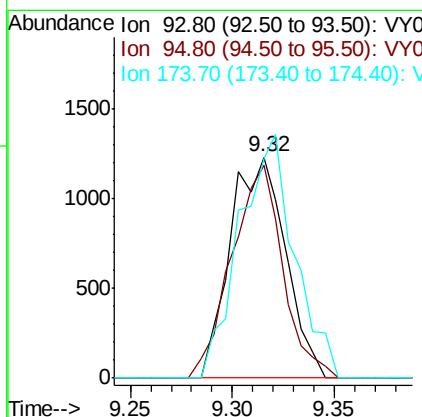
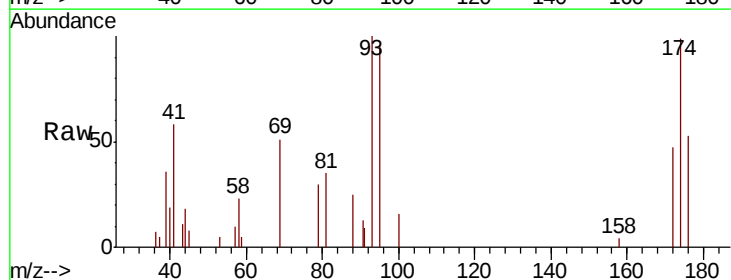
Manual Integrations
 APPROVED

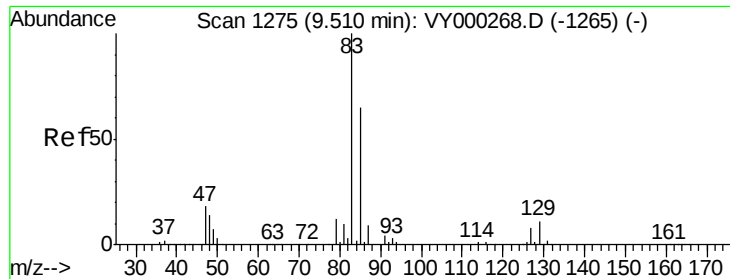
MMDadoda
 10/24/2019 4:34:18 PM



#46
 Dibromomethane
 Concen: 48.398 ug/l
 RT: 9.32 min Scan# 1243
 Delta R.T. 0.00 min
 Lab File: VY000370.D
 Acq: 22 Oct 2019 17:38

Tgt Ion: 93 Resp: 2302
 Ion Ratio Lower Upper
 93 100
 95 89.3 68.2 102.2
 174 109.9 79.8 119.6





#47

Bromodichloromethane

Concen: 40.734 ug/l

RT: 9.50 min Scan# 1274

Delta R.T. -0.01 min

Lab File: VY000370.D

Acq: 22 Oct 2019 17:38

Instrument :

MSVOA_Y

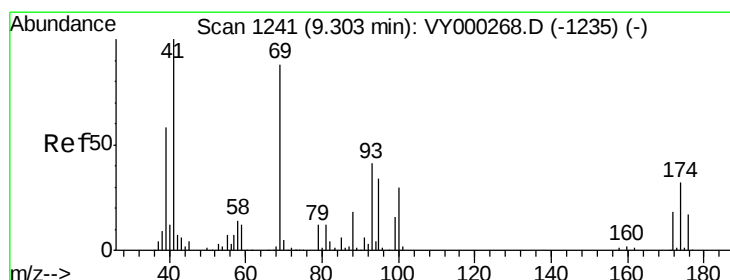
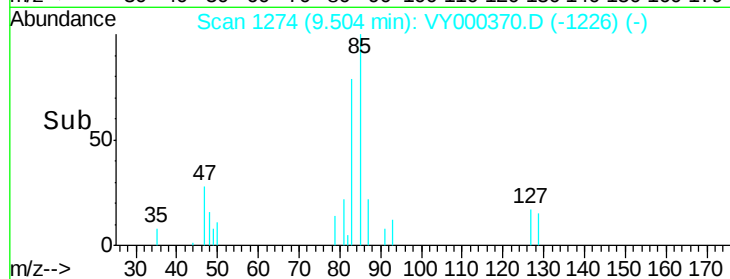
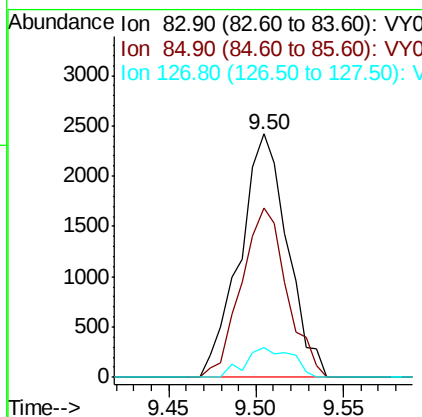
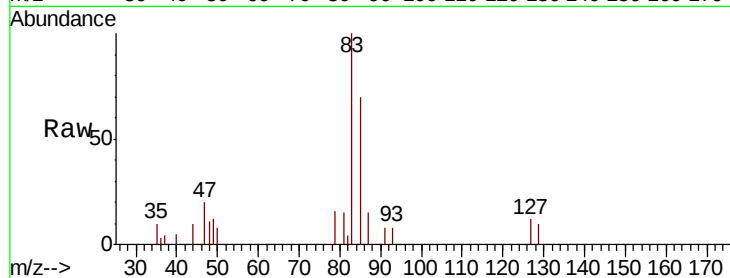
ClientSampleId :

TP1-2FTMSD

Tot Ion:	83	Resp:	4566
Ion	Ratio	Lower	Upper
83	100		
85	69.8	52.2	78.2
127	12.2	6.3	9.5#

Manual Integrations
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MMDadoda
10/24/2019 4:34:18 PM



#48

Methyl methacrylate

Concen: 34.884 ug/l

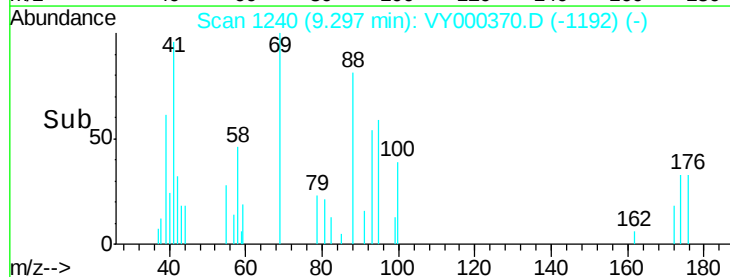
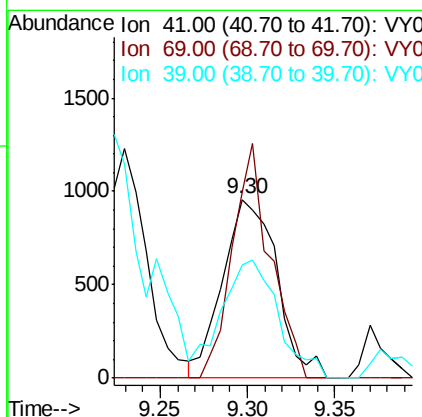
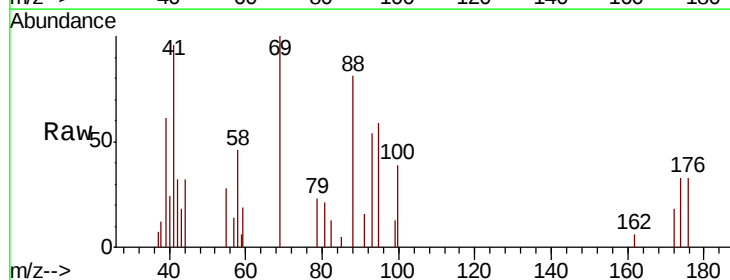
RT: 9.30 min Scan# 1240

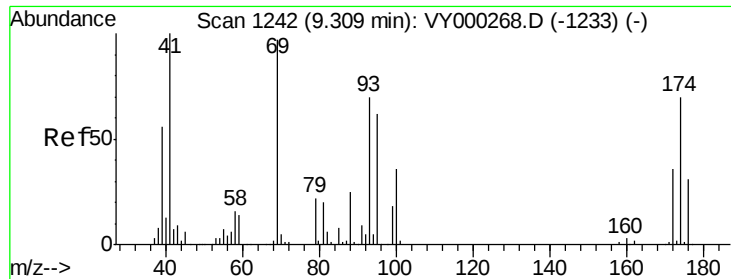
Delta R.T. -0.01 min

Lab File: VY000370.D

Acq: 22 Oct 2019 17:38

Tgt Ion:	41	Resp:	2065
Ion	Ratio	Lower	Upper
41	100		
69	92.2	70.0	105.0
39	63.2	47.7	71.5





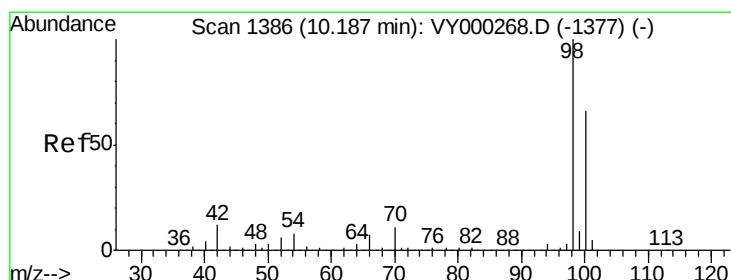
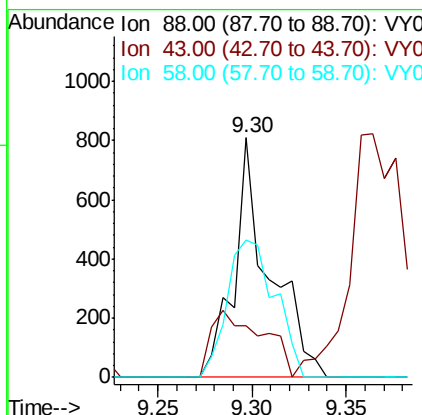
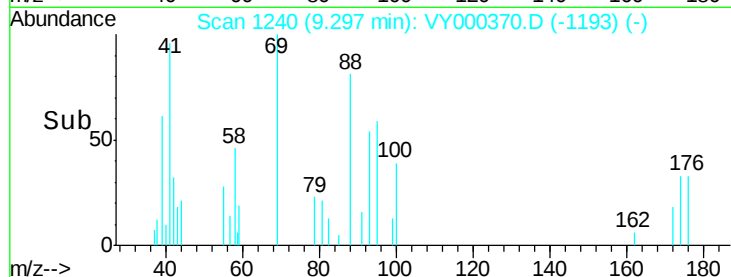
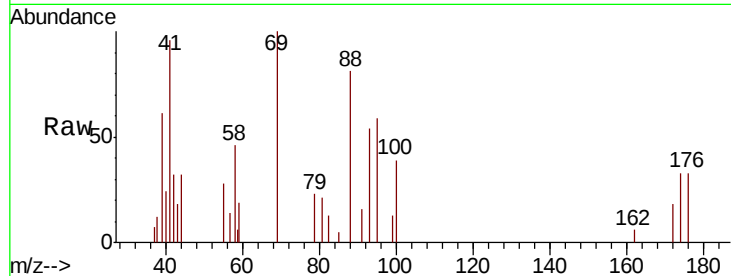
#49
 1,4-Dioxane
 Concen: 1475.125 ug/l
 RT: 9.30 min Scan# 1240
 Delta R.T. -0.01 min
 Lab File: VY000370.D
 Acq: 22 Oct 2019 17:38

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP1-2FTMSD

Tot Ion	88	Resp	1052
Ion	Ratio	Lower	Upper
88	100		
43	40.9	25.6	38.4#
58	77.6	54.6	81.8

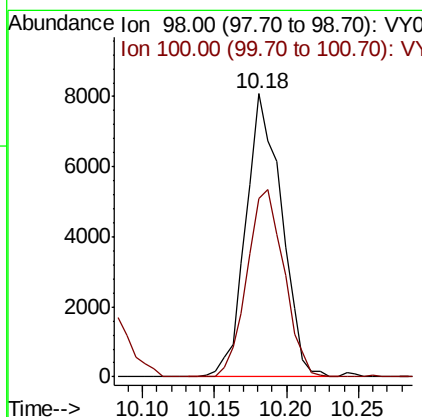
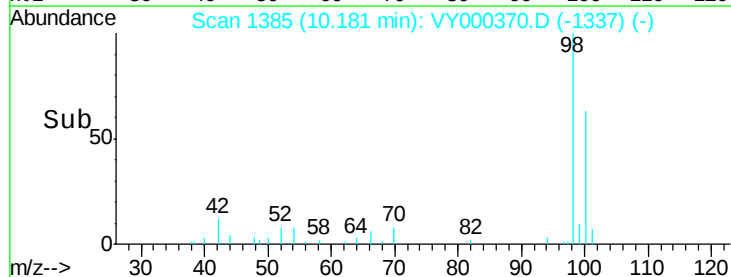
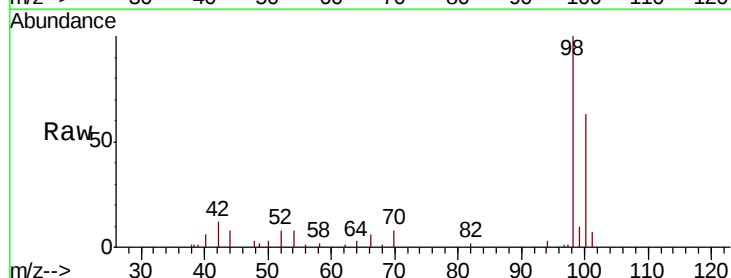
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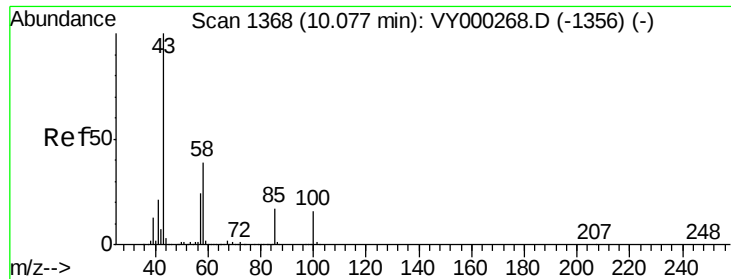
MMDadoda
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#50
 Toluene-d8
 Concen: 48.716 ug/l
 RT: 10.18 min Scan# 1385
 Delta R.T. -0.01 min
 Lab File: VY000370.D
 Acq: 22 Oct 2019 17:38

Tgt Ion	98	Resp	13852
Ion	Ratio	Lower	Upper
98	100		
100	68.7	52.8	79.2





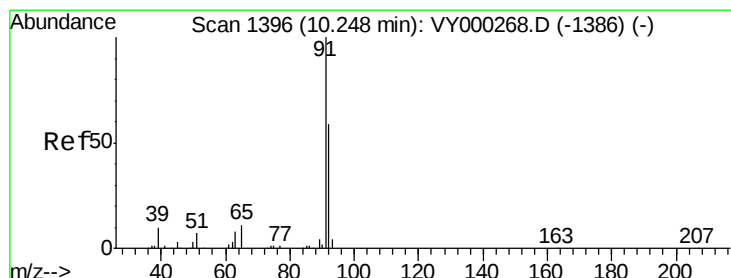
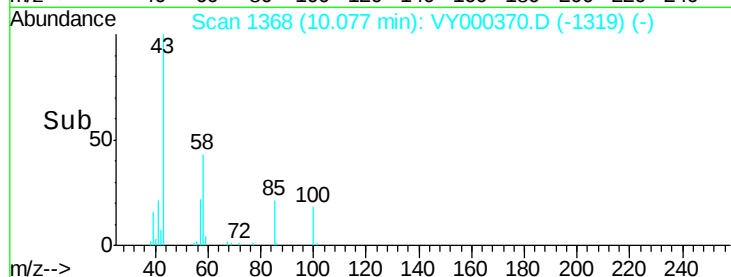
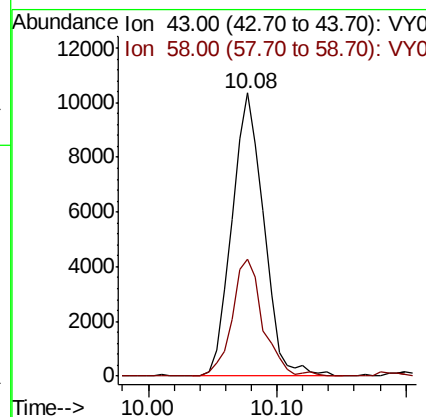
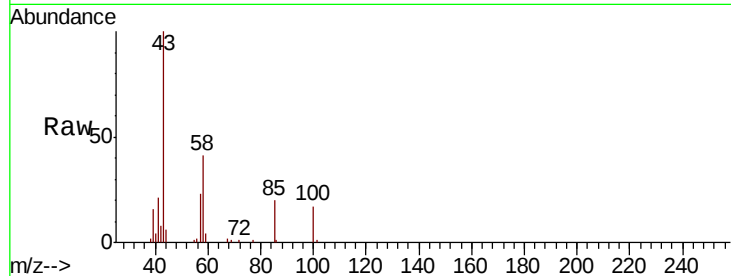
#51
4-Methyl-2-Pentanone
Concen: 257.147 ug/l
RT: 10.08 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VY000370.D
Acq: 22 Oct 2019 17:38

Instrument :
MSVOA_Y
ClientSampleId :
TP1-2FTMSD

Tot Ion	Ratio	Lower	Upper
43	100		
58	39.5	31.0	46.6

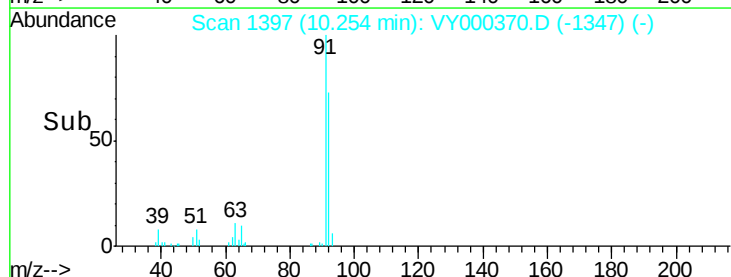
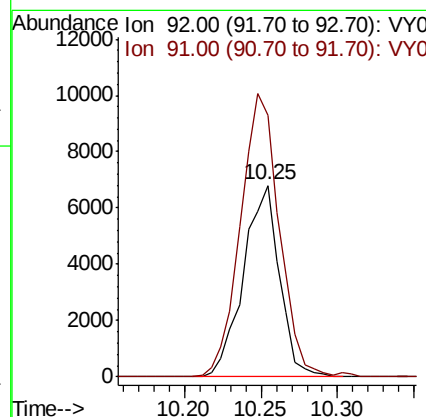
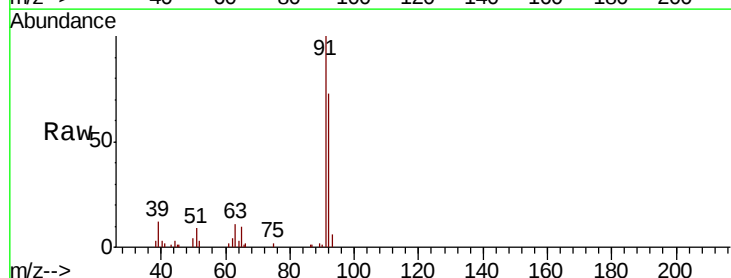
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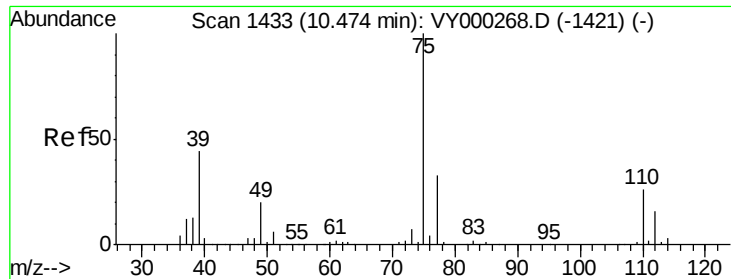
MMDadoda
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#52
Toluene
Concen: 50.780 ug/l
RT: 10.25 min Scan# 1397
Delta R.T. 0.01 min
Lab File: VY000370.D
Acq: 22 Oct 2019 17:38

Tgt Ion	Ratio	Lower	Upper
92	100		
91	159.2	136.6	205.0





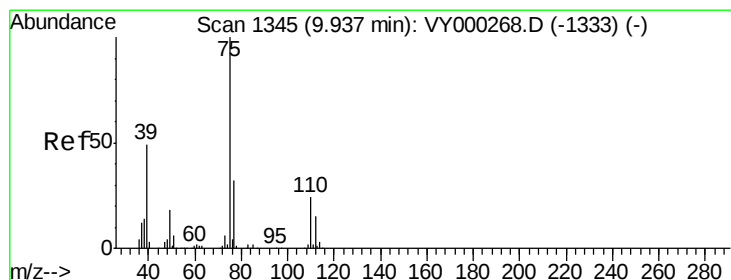
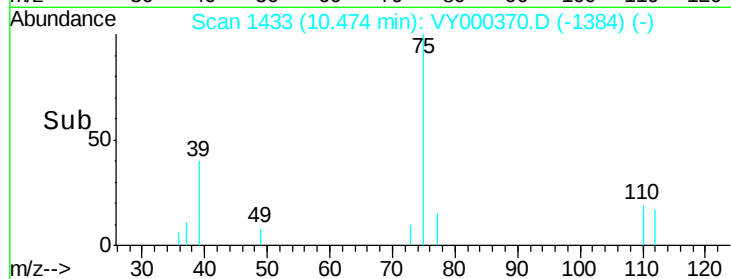
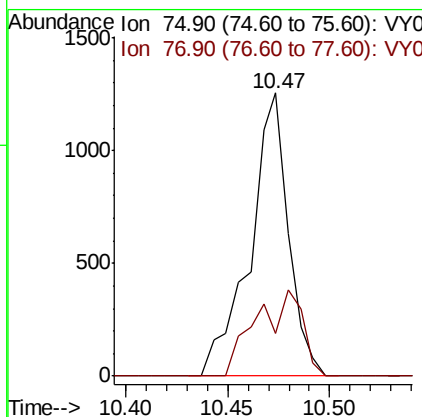
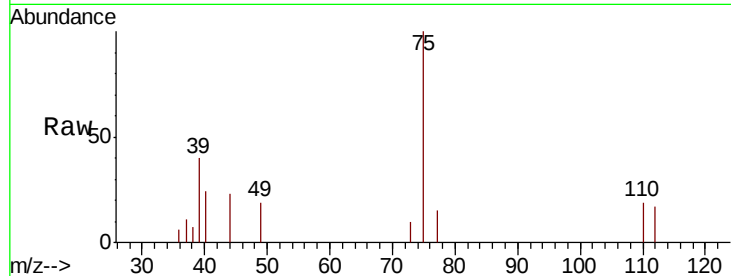
#53
t-1,3-Dichloropropene
Concen: 13.743 ug/l
RT: 10.47 min Scan# 1433
Delta R.T. 0.00 min
Lab File: VY000370.D
Acq: 22 Oct 2019 17:38

Instrument :
MSVOA_Y
ClientSampleId :
TP1-2FTMSD

Tot Ion: 75 Resp: 1651
Ion Ratio Lower Upper
75 100
77 15.1 26.0 39.0#

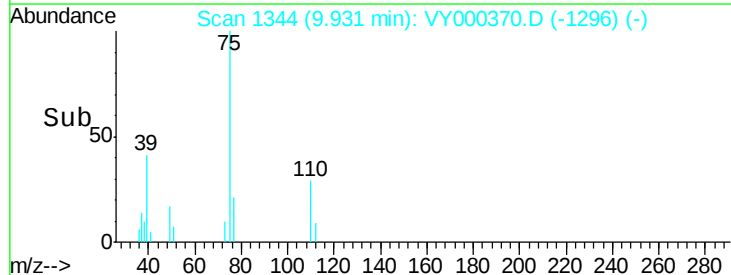
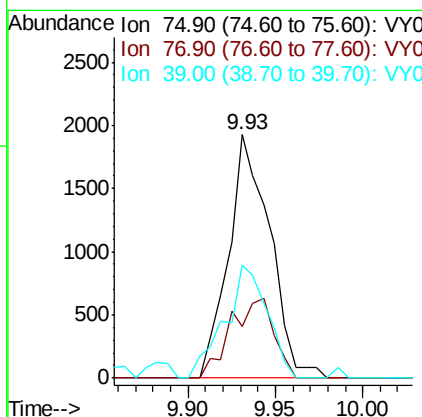
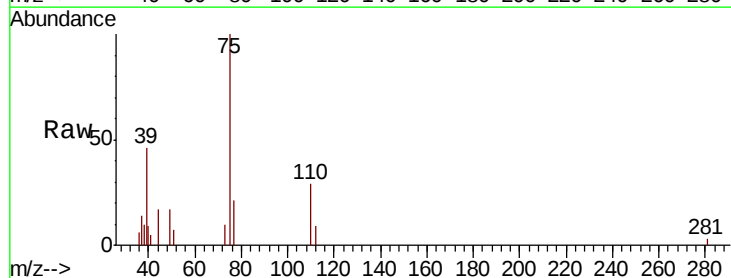
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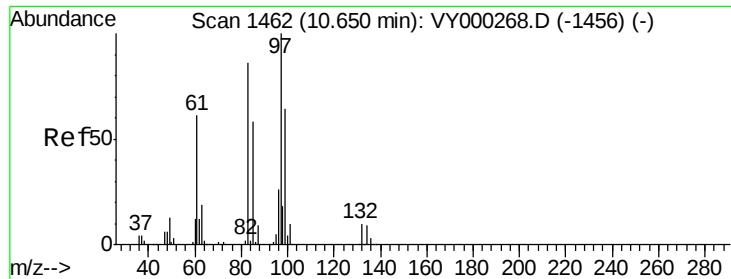
MMDadoda
10/24/2019 4:34:18 PM



#54
cis-1,3-Dichloropropene
Concen: 23.295 ug/l
RT: 9.93 min Scan# 1344
Delta R.T. -0.01 min
Lab File: VY000370.D
Acq: 22 Oct 2019 17:38

Tgt Ion: 75 Resp: 3178
Ion Ratio Lower Upper
75 100
77 21.3 26.0 39.0#
39 46.4 38.8 58.2





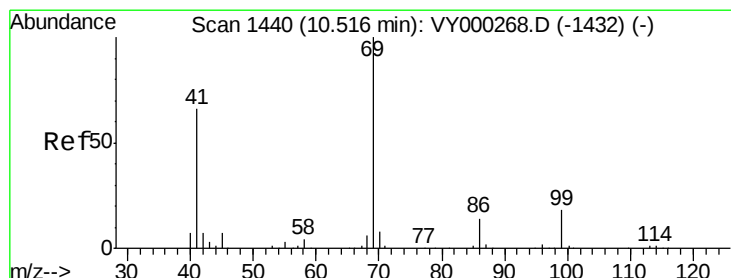
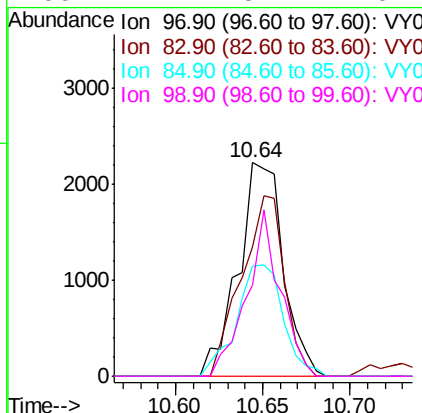
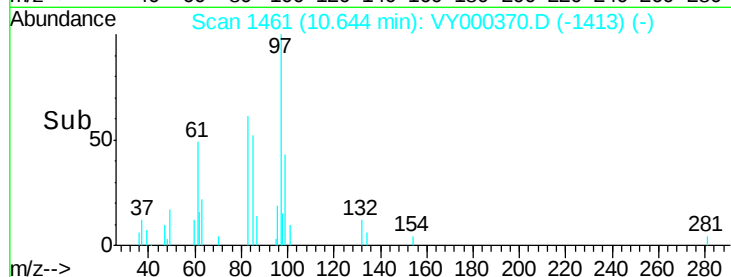
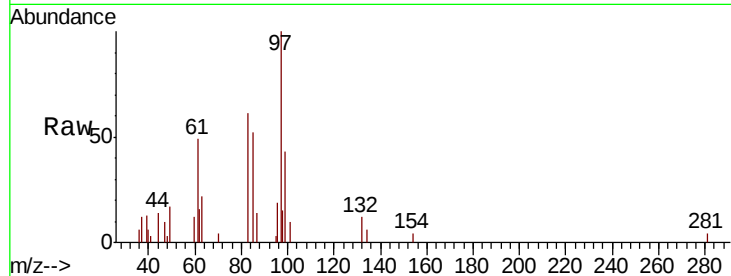
#55
 1,1,2-Trichloroethane
 Concen: 57.695 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.01 min
 Lab File: VY000370.D
 Acq: 22 Oct 2019 17:38

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP1-2FTMSD

Tot Ion	Ratio	Lower	Upper
97	100		
83	60.7	69.0	103.6#
85	51.6	46.2	69.4
99	42.7	51.1	76.7#

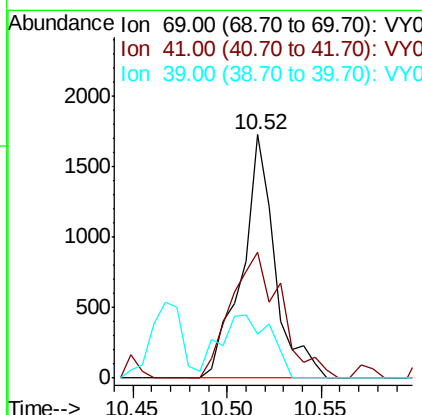
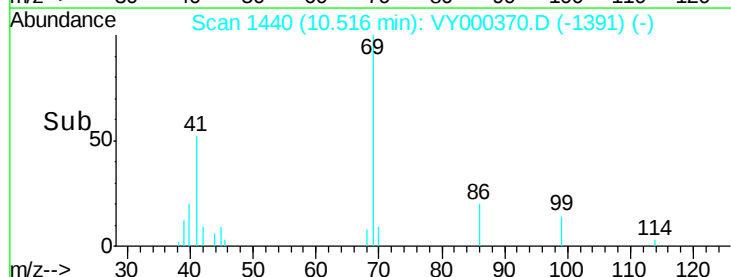
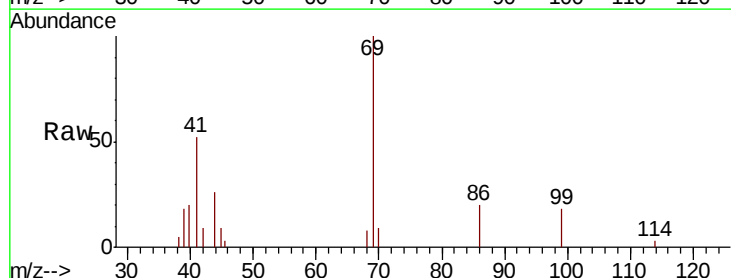
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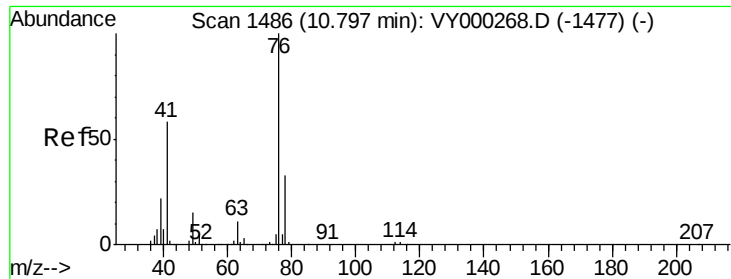
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#56
 Ethyl methacrylate
 Concen: 21.162 ug/l
 RT: 10.52 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: VY000370.D
 Acq: 22 Oct 2019 17:38

Tgt Ion	Ratio	Lower	Upper
69	100		
41	78.9	52.5	78.7#
39	39.9	26.7	40.1





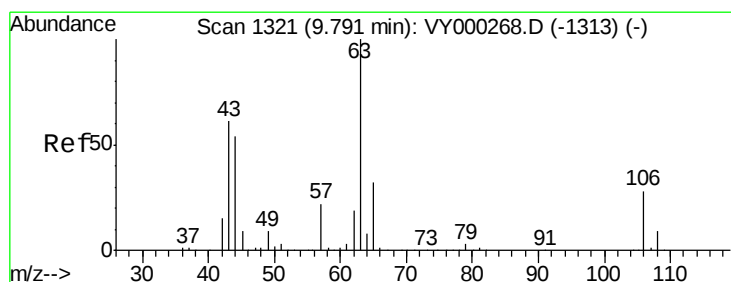
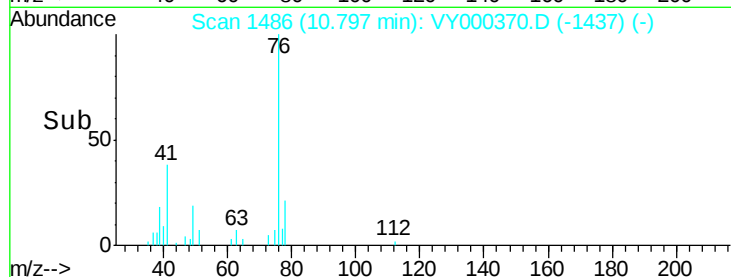
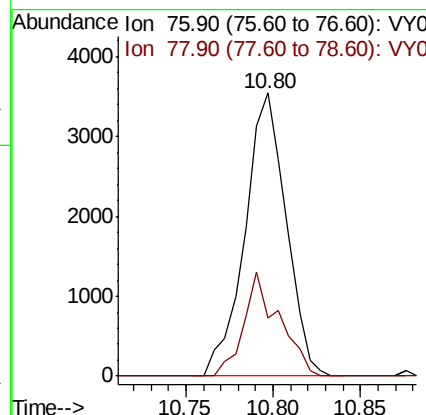
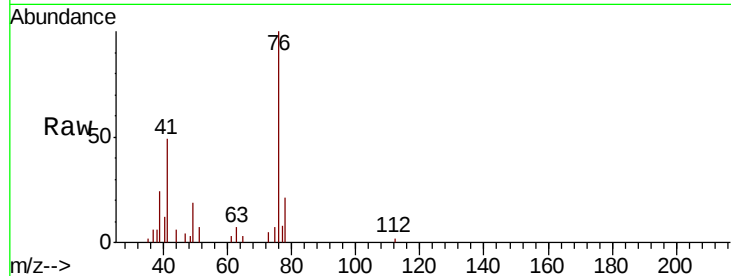
#57
 1,3-Dichloropropane
 Concen: 48.953 ug/l
 RT: 10.80 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: VY000370.D
 Acq: 22 Oct 2019 17:38

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP1-2FTMSD

Tot Ion: 76 Resp: 5814
 Ion Ratio Lower Upper
 76 100
 78 31.5 26.2 39.2

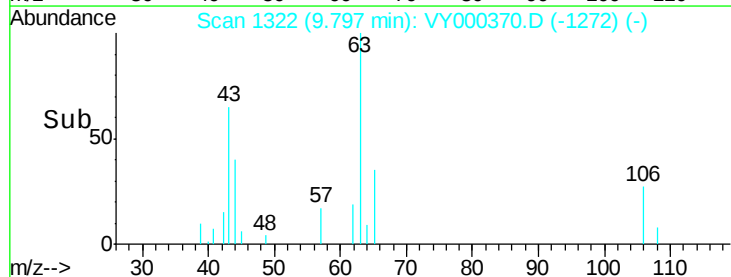
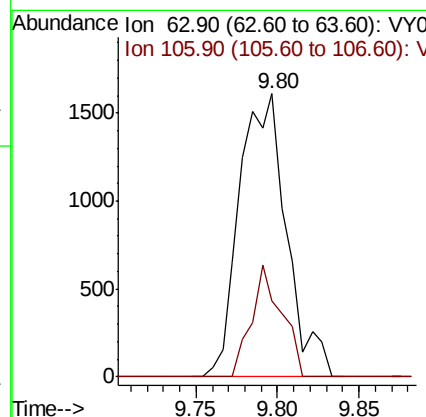
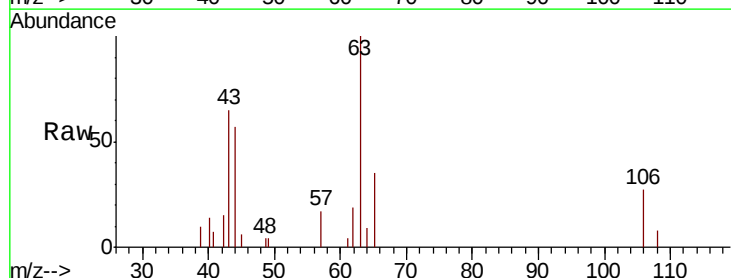
Manual Integrations
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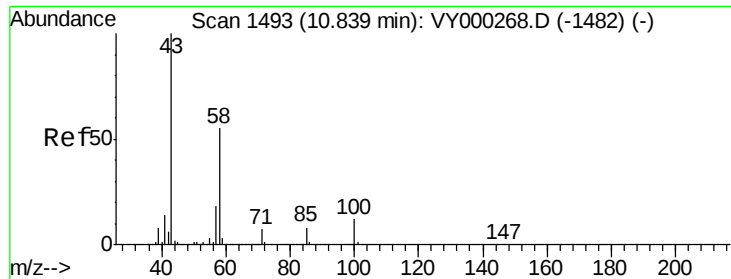
MMDadoda
 10/24/2019 4:34:18 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 82.305 ug/l
 RT: 9.80 min Scan# 1322
 Delta R.T. 0.01 min
 Lab File: VY000370.D
 Acq: 22 Oct 2019 17:38

Tgt Ion: 63 Resp: 3236
 Ion Ratio Lower Upper
 63 100
 106 25.2 23.0 34.4





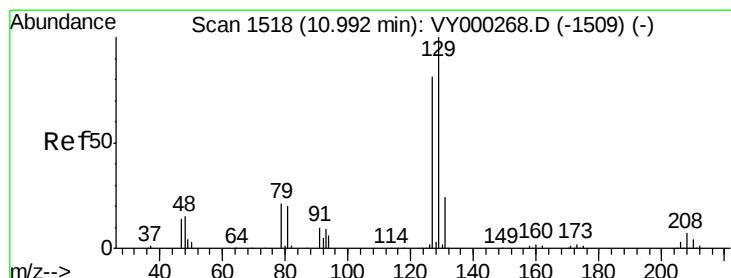
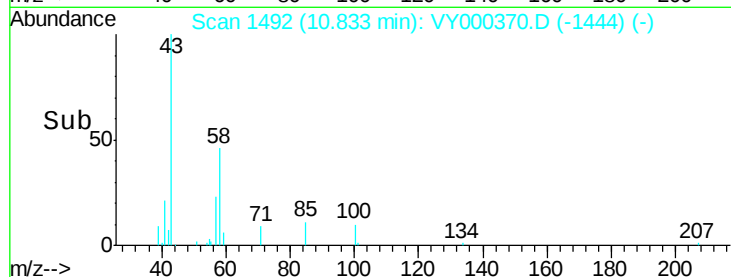
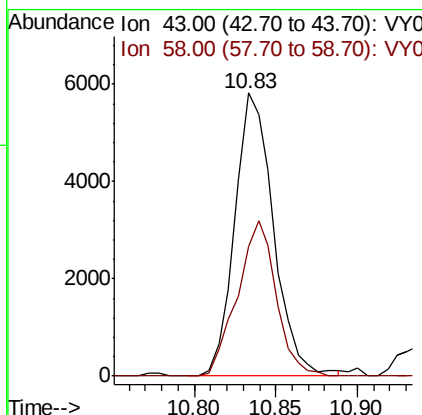
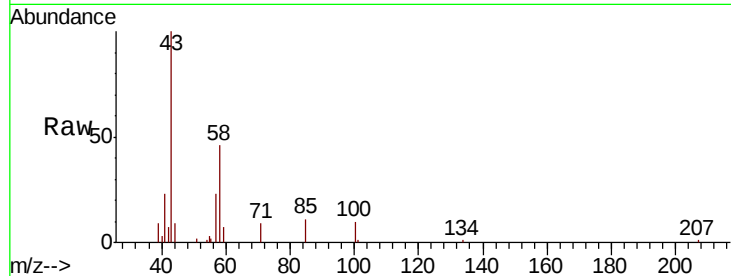
#59
2-Hexanone
Concen: 197.010 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.01 min
Lab File: VY000370.D
Acq: 22 Oct 2019 17:38

Instrument :
MSVOA_Y
ClientSampleId :
TP1-2FTMSD

Tot Ion: 43 Resp: 9634
Ion Ratio Lower Upper
43 100
58 55.1 27.7 83.1

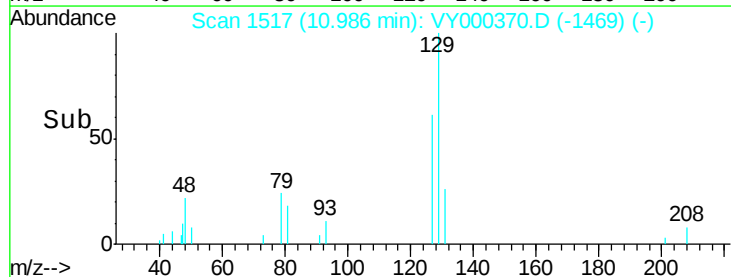
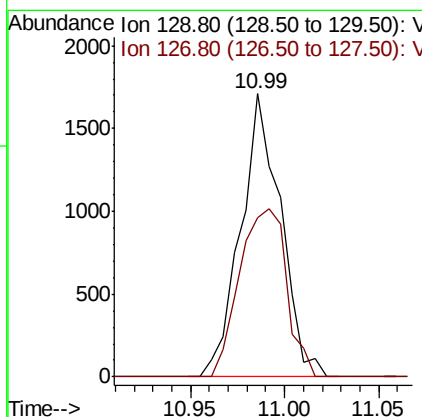
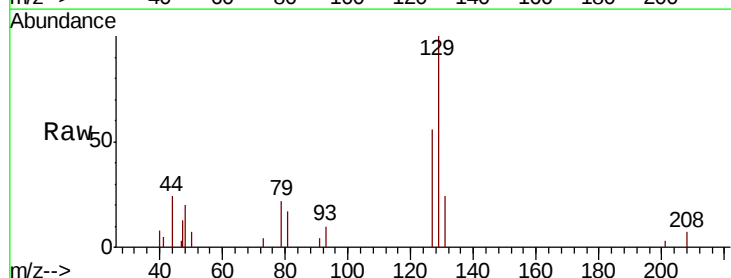
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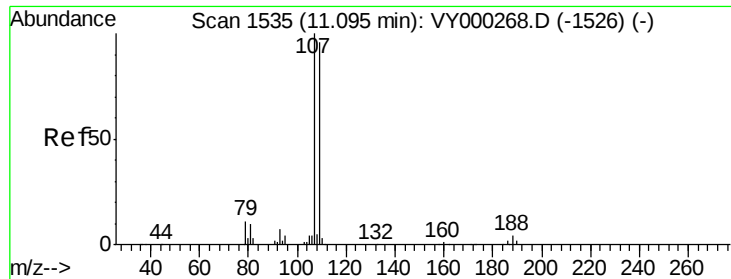
MMDadoda
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#60
Dibromochloromethane
Concen: 32.785 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.01 min
Lab File: VY000370.D
Acq: 22 Oct 2019 17:38

Tgt Ion: 129 Resp: 2513
Ion Ratio Lower Upper
129 100
127 69.9 39.9 119.7





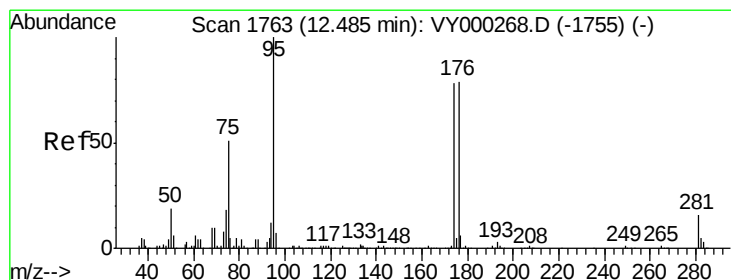
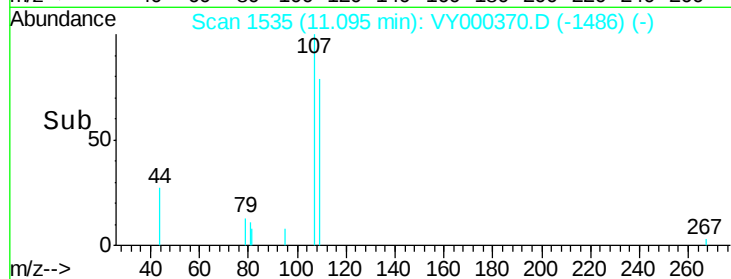
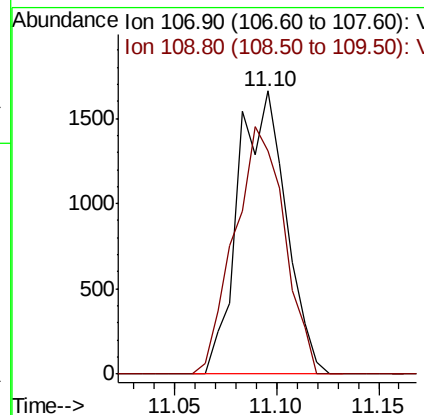
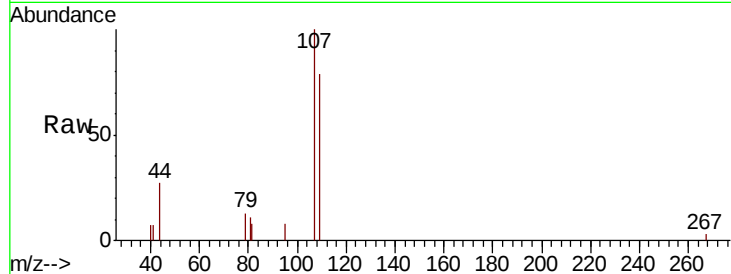
#61
 1,2-Dibromoethane
 Concen: 40.812 ug/l
 RT: 11.10 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VY000370.D
 Acq: 22 Oct 2019 17:38

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP1-2FTMSD

Tot Ion	Ratio	Lower	Upper
107	100		
109	91.2	75.1	112.7

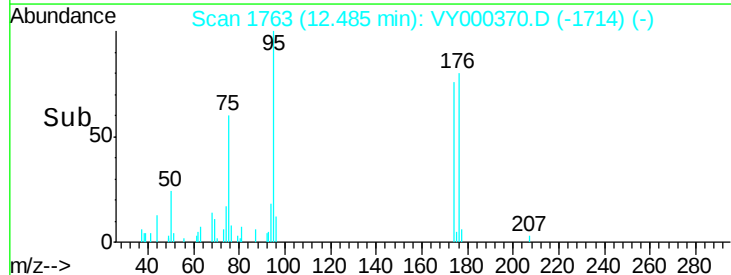
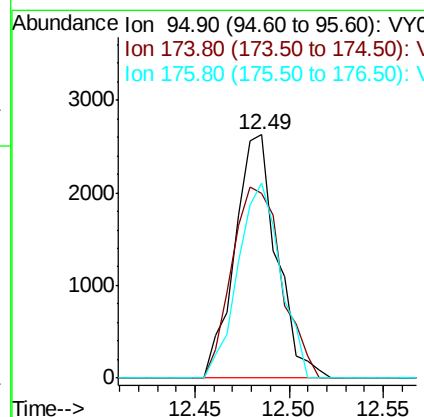
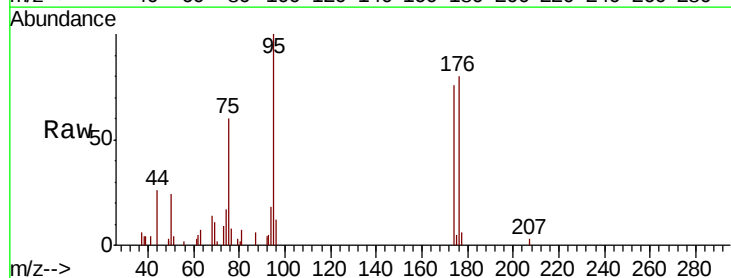
Manual Integrations
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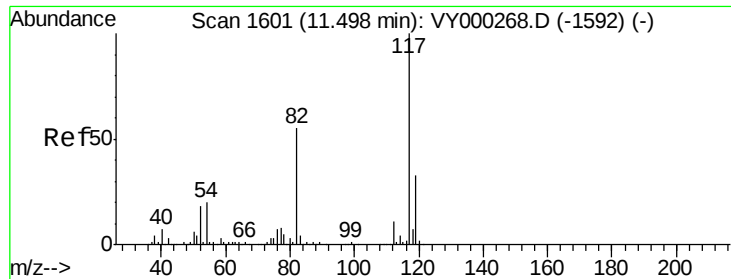
MMDadoda
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#62
 4-Bromofluorobenzene
 Concen: 37.566 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. 0.00 min
 Lab File: VY000370.D
 Acq: 22 Oct 2019 17:38

Tgt Ion	Ratio	Lower	Upper
95	100		
174	92.6	0.0	159.6
176	81.1	0.0	153.8





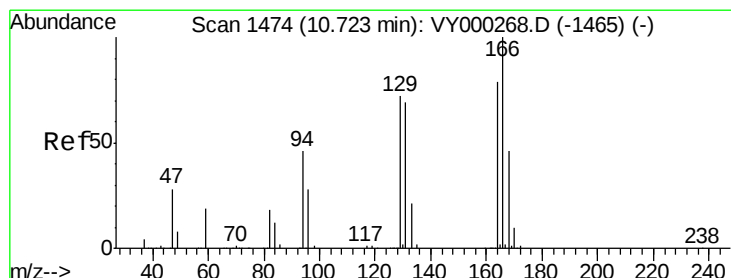
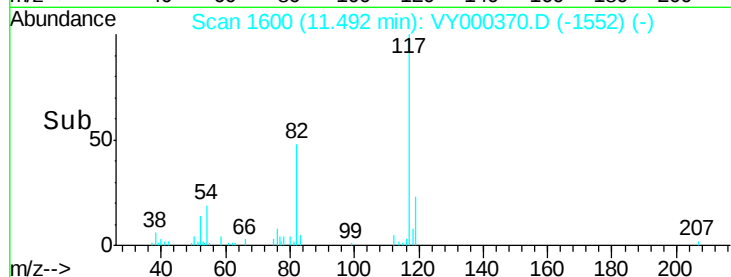
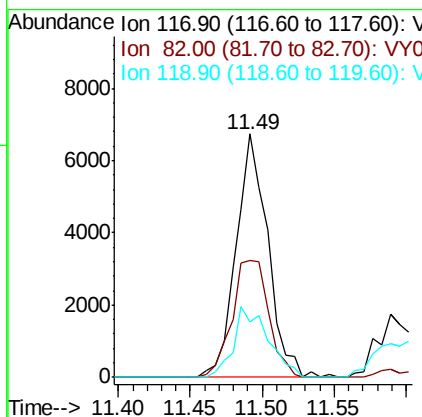
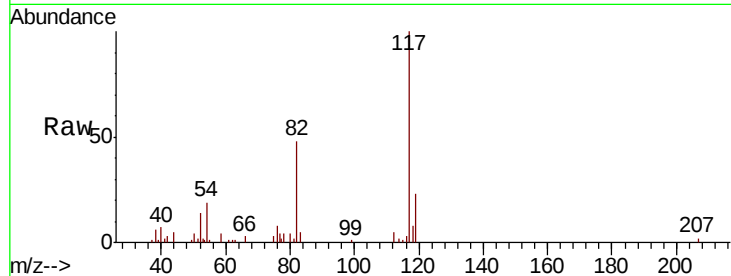
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY000370.D
Acq: 22 Oct 2019 17:38

Instrument :
MSVOA_Y
ClientSampleId :
TP1-2FTMSD

Tot Ion	Ratio	Lower	Upper
117	100		
82	47.9	43.7	65.5
119	22.5	26.6	39.8

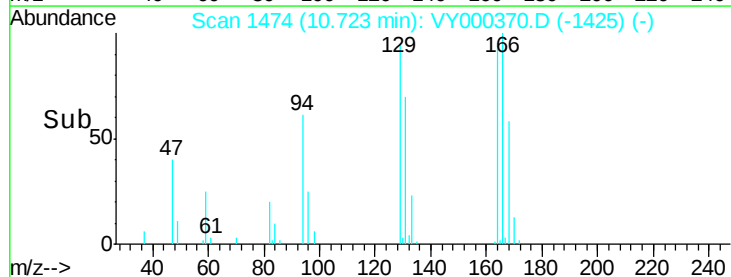
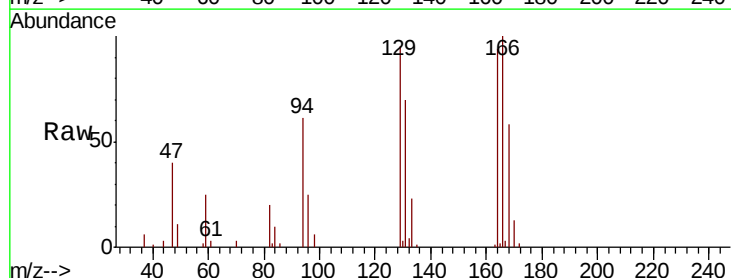
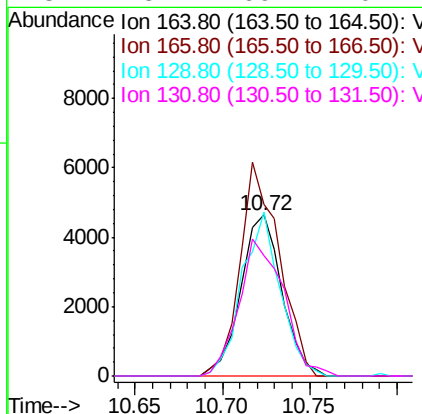
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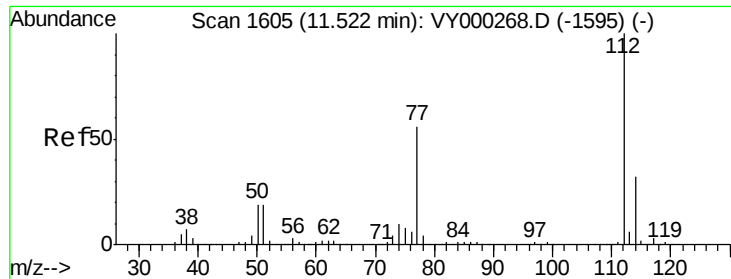
MMDadoda
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#64
Tetrachloroethene
Concen: 77.069 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VY000370.D
Acq: 22 Oct 2019 17:38

Tgt Ion	Ratio	Lower	Upper
164	100		
166	106.8	100.6	151.0
129	101.7	72.8	109.2
131	75.2	69.4	104.2





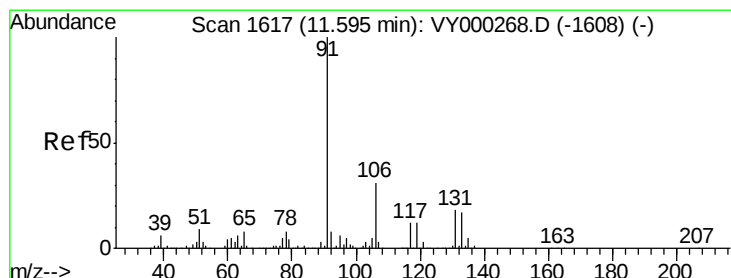
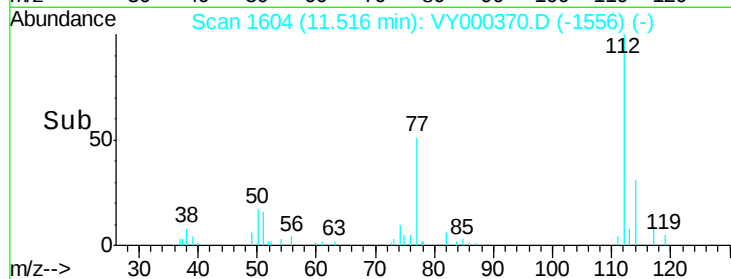
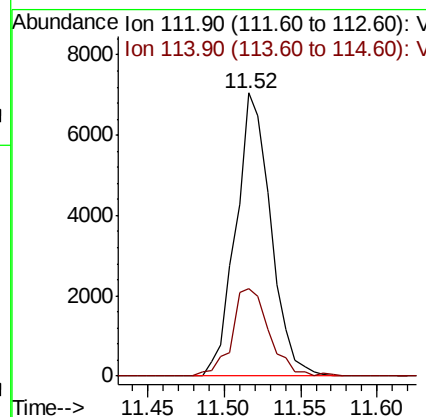
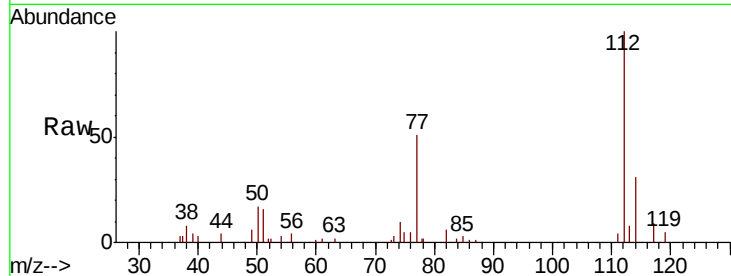
#65
Chlorobenzene
Concen: 51.266 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.01 min
Lab File: VY000370.D
Acq: 22 Oct 2019 17:38

Instrument :
MSVOA_Y
ClientSampleId :
TP1-2FTMSD

Tot Ion:112 Resp: 11157
Ion Ratio Lower Upper
112 100
114 31.0 25.7 38.5

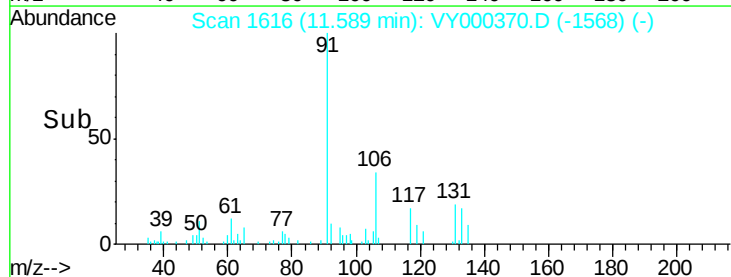
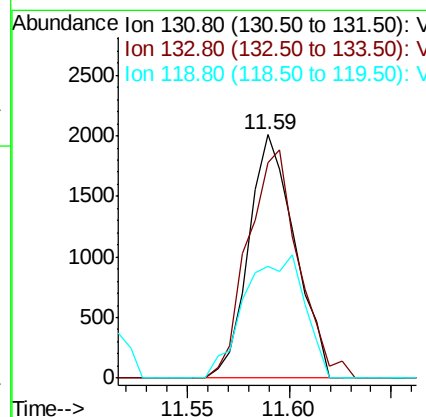
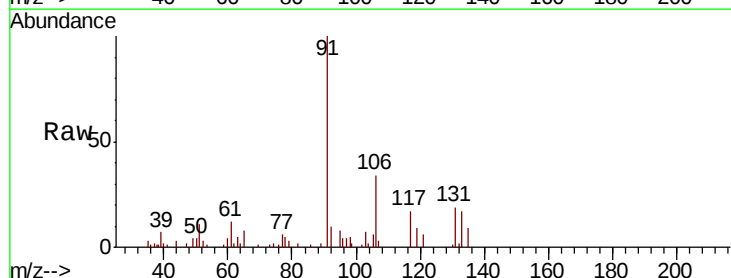
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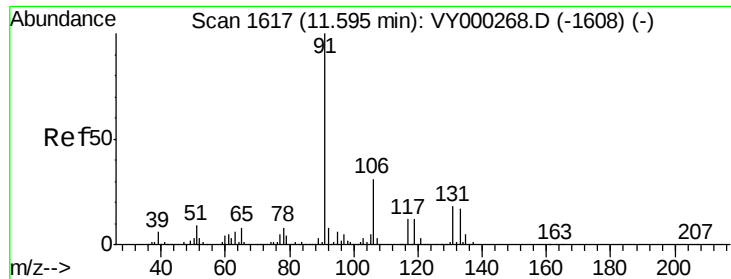
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 41.570 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.01 min
Lab File: VY000370.D
Acq: 22 Oct 2019 17:38

Tgt Ion:131 Resp: 3178
Ion Ratio Lower Upper
131 100
133 103.0 47.2 141.6
119 65.2 32.6 98.0





#67

Ethyl Benzene

Concen: 45.725 ug/l

RT: 11.60 min Scan# 1617

Delta R.T. 0.00 min

Lab File: VY000370.D

Acq: 22 Oct 2019 17:38

Instrument :

MSVOA_Y

ClientSampleId :

TP1-2FTMSD

Tot Ion: 91 Resp: 18447

Ion Ratio Lower Upper

91 100

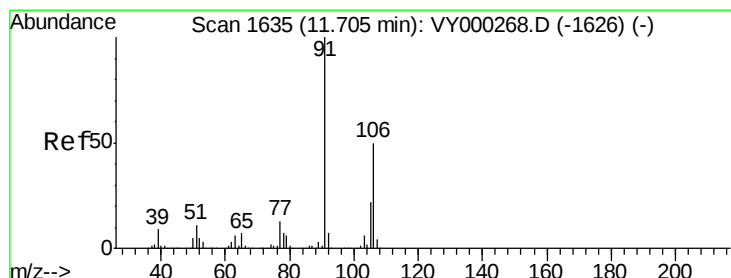
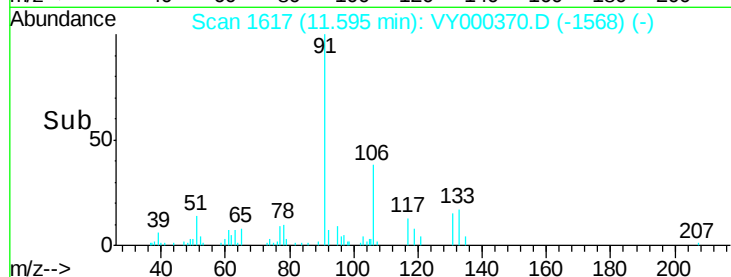
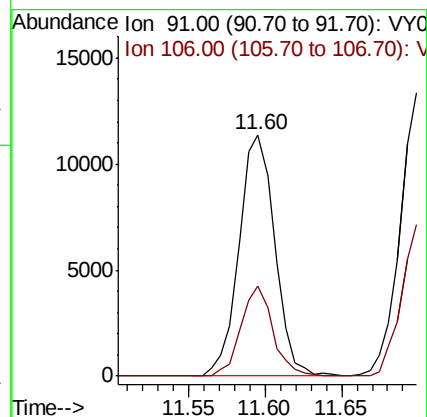
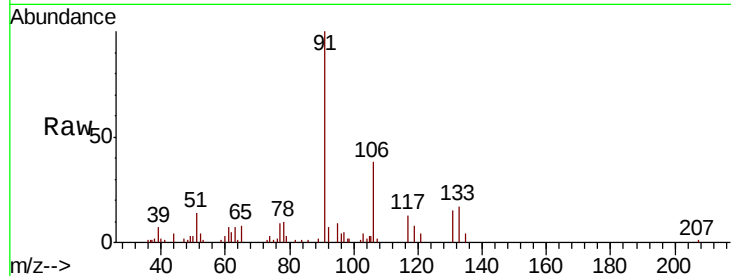
106 37.5 25.0 37.6

Manual Integrations

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#68

m/p-Xylenes

Concen: 94.043 ug/l

RT: 11.71 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VY000370.D

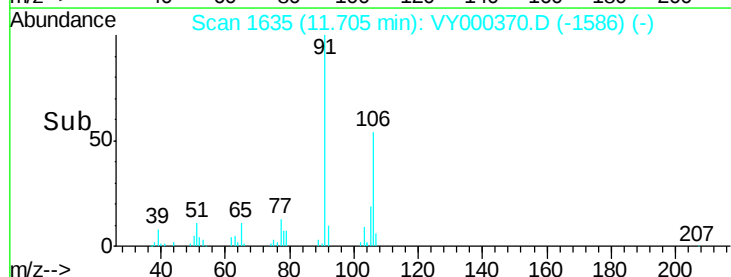
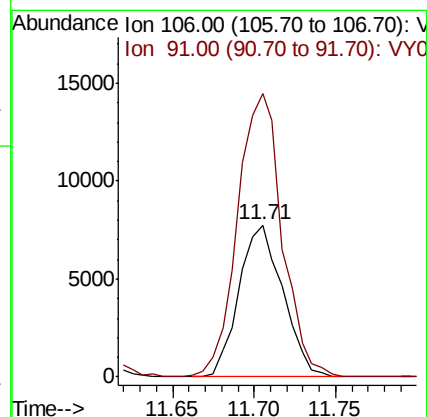
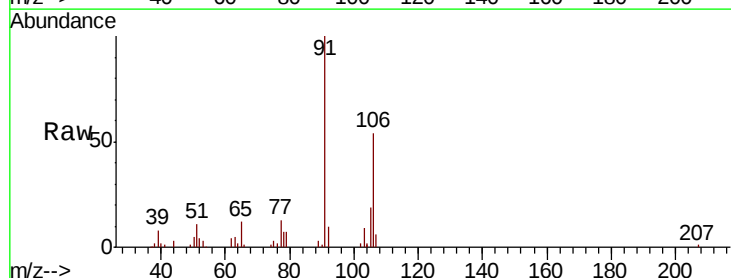
Acq: 22 Oct 2019 17:38

Tgt Ion: 106 Resp: 14504

Ion Ratio Lower Upper

106 100

91 190.0 157.5 236.3





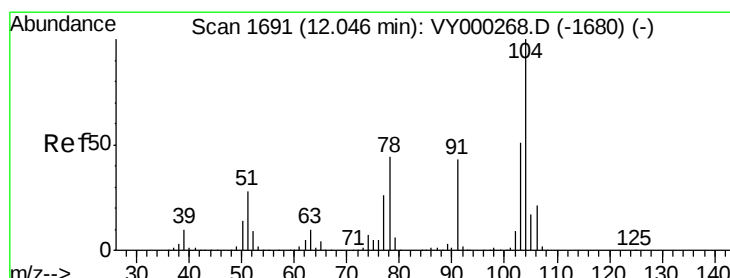
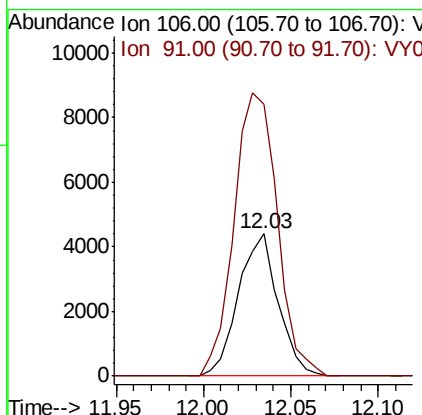
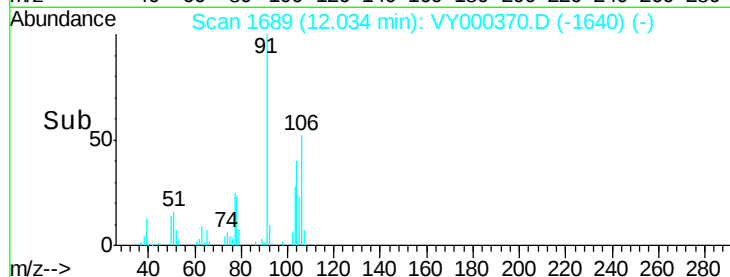
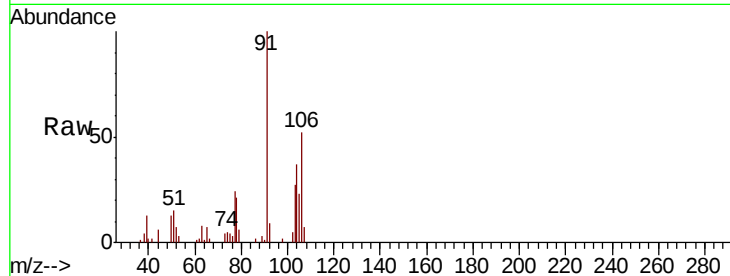
#69
o-Xylene
Concen: 47.136 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VY000370.D
Acq: 22 Oct 2019 17:38

Instrument :
MSVOA_Y
ClientSampleId :
TP1-2FTMSD

Tot Ion:106 Resp: 6935
Ion Ratio Lower Upper
106 100
91 218.2 104.7 313.9

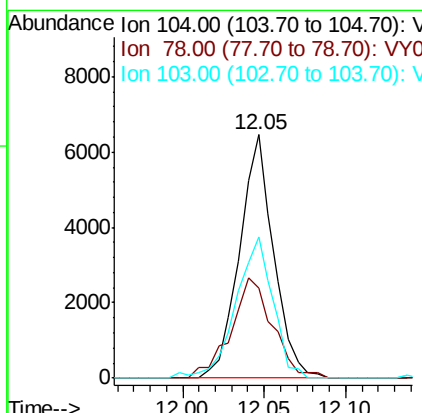
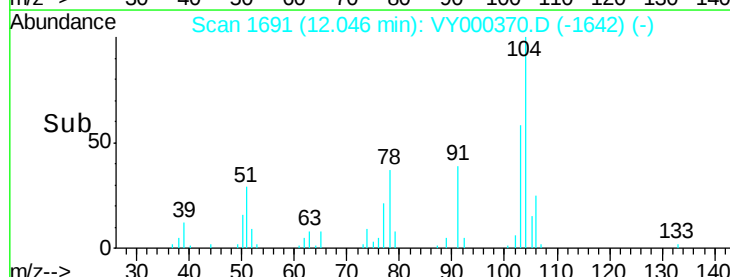
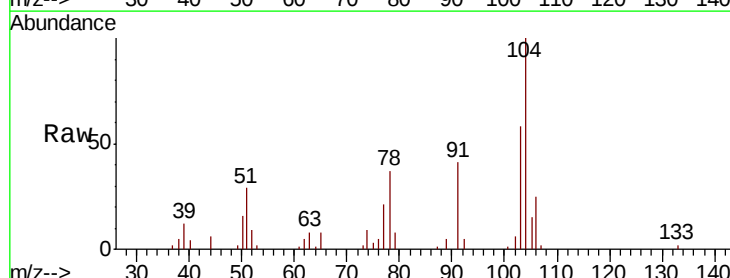
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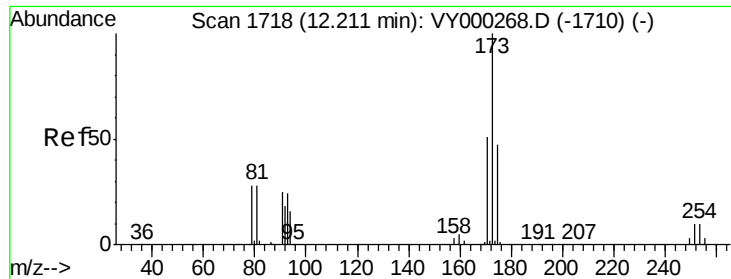
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#70
Styrene
Concen: 38.029 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.00 min
Lab File: VY000370.D
Acq: 22 Oct 2019 17:38

Tgt Ion:104 Resp: 9436
Ion Ratio Lower Upper
104 100
78 49.8 39.0 58.6
103 63.0 43.1 64.7





#71

Bromoform

Concen: 24.734 ug/l

RT: 12.20 min Scan# 1716

Delta R.T. -0.01 min

Lab File: VY000370.D

Acq: 22 Oct 2019 17:38

Instrument :

MSVOA_Y

ClientSampleId :

TP1-2FTMSD

Tot Ion:173 Resp: 1087

Ion Ratio Lower Upper

173 100

175 50.9 24.6 73.6

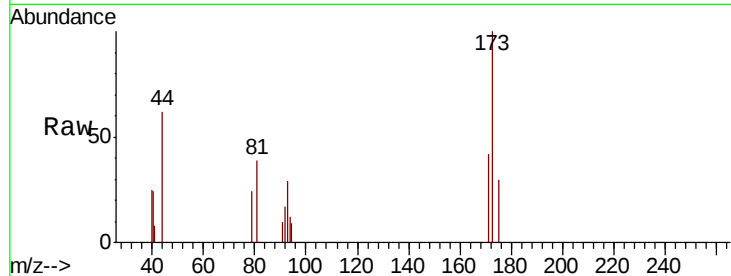
254 0.0 0.1 0.1#

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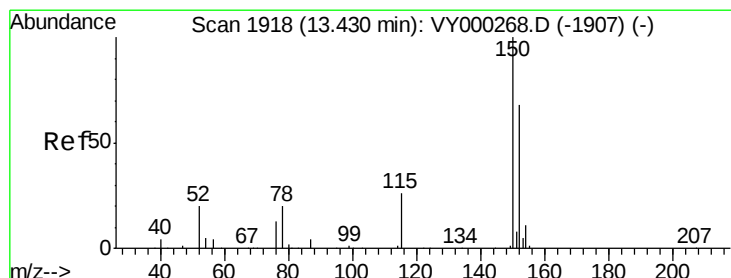
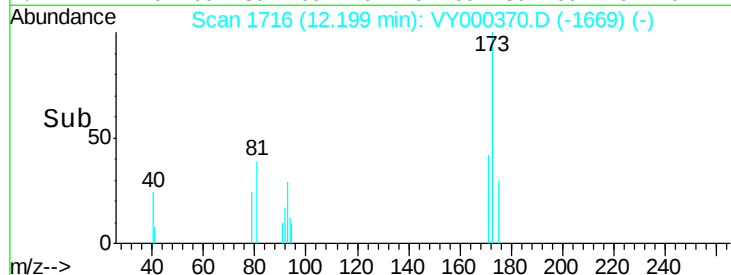


Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V

Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.43 min Scan# 1918

Delta R.T. 0.00 min

Lab File: VY000370.D

Acq: 22 Oct 2019 17:38

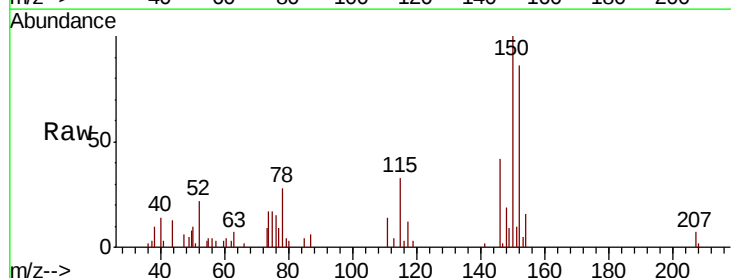
Tgt Ion:152 Resp: 4499

Ion Ratio Lower Upper

152 100

115 51.1 29.3 88.0

150 161.1 0.0 348.4

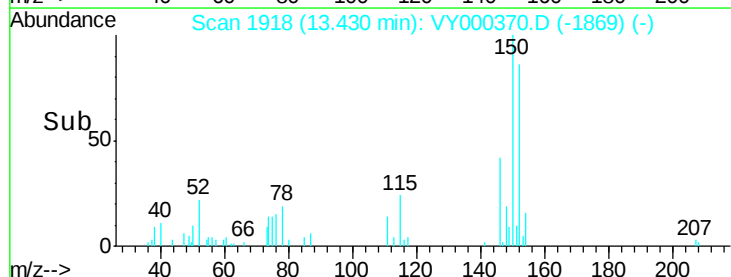


Abundance Ion 151.90 (151.60 to 152.60): V

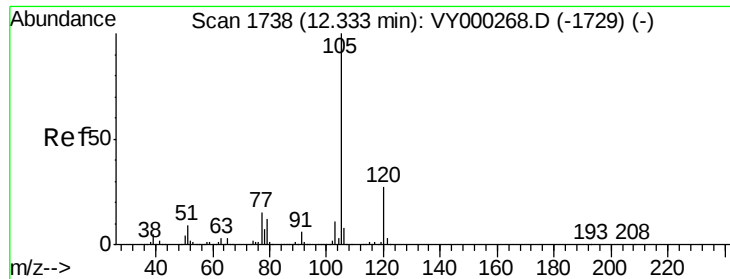
Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

Time-->



Time-->



#73

Isopropylbenzene

Concen: 50.302 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.01 min

Lab File: VY000370.D

Acq: 22 Oct 2019 17:38

Instrument :

MSVOA_Y

ClientSampleId :

TP1-2FTMSD

Tot Ion:105 Resp: 17646

Ion Ratio Lower Upper

105 100

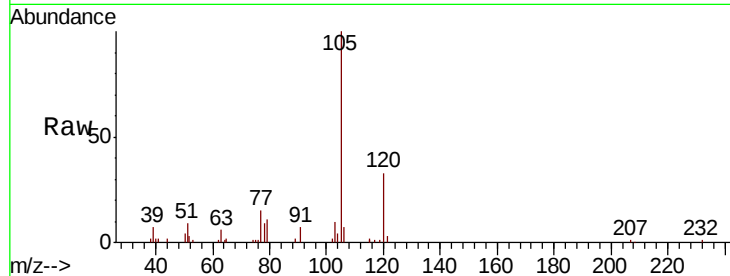
120 30.3 13.4 40.2

Manual Integrations

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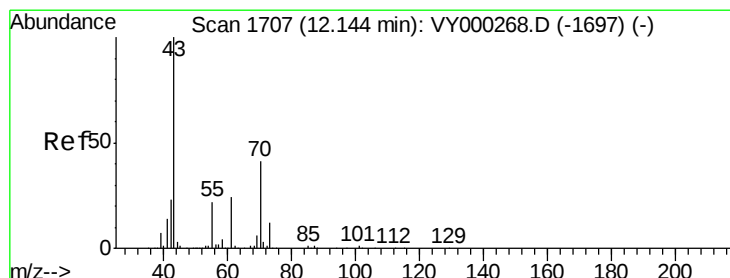
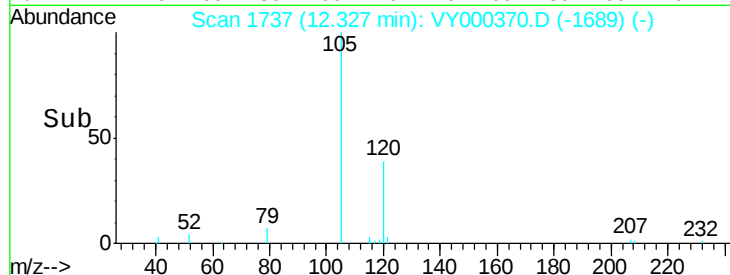
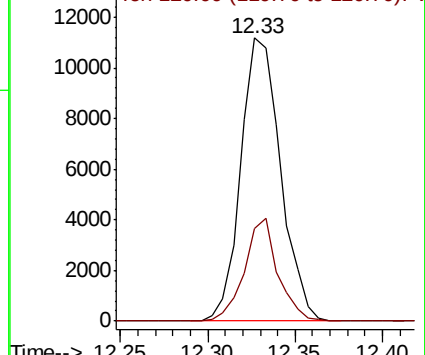
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 4.877 ug/l

RT: 12.14 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VY000370.D

Acq: 22 Oct 2019 17:38

Tgt Ion: 43 Resp: 420

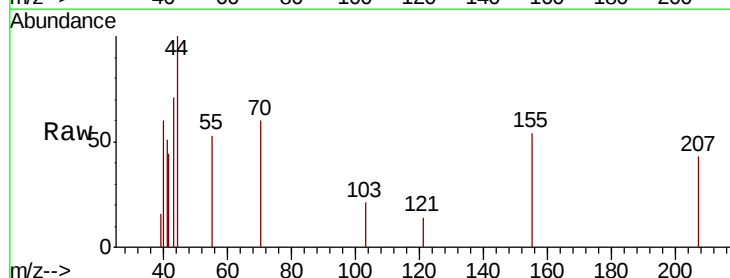
Ion Ratio Lower Upper

43 100

70 61.0 32.9 49.3#

55 29.3 17.8 26.6#

61 17.9 19.5 29.3#

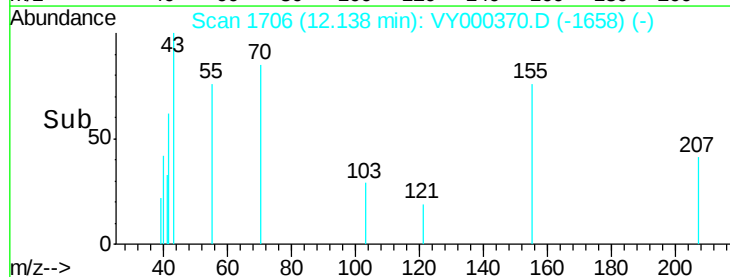
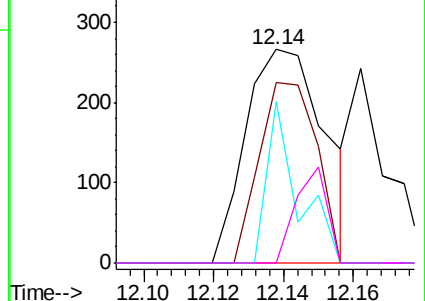


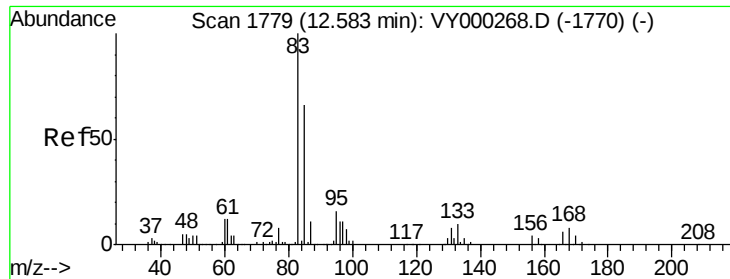
Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0





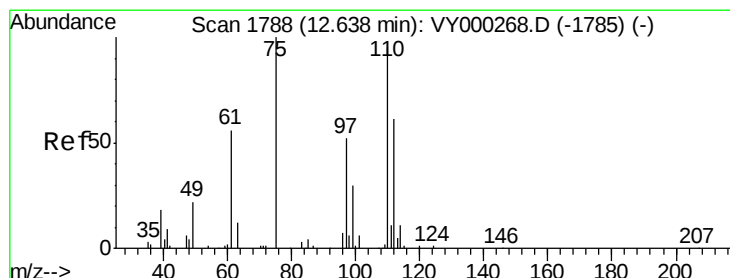
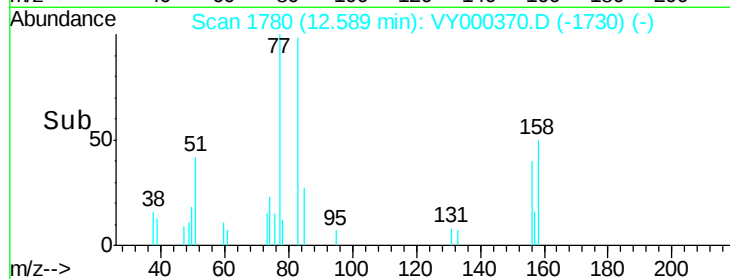
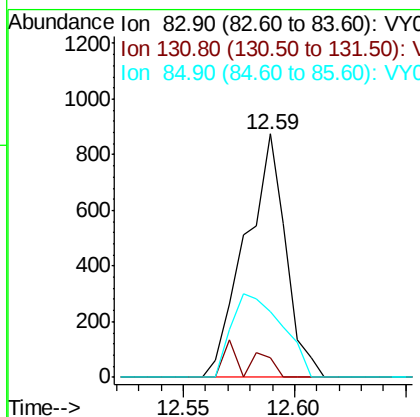
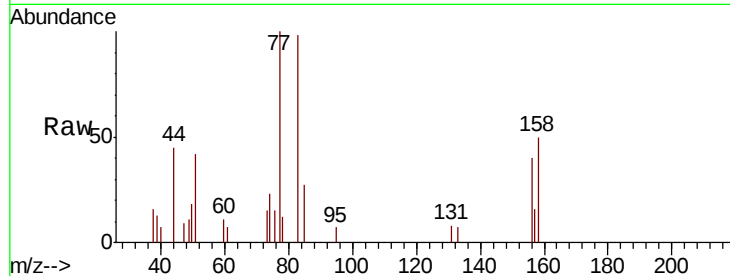
#75
 1,1,2,2-Tetrachloroethane
 Concen: 16.777 ug/l
 RT: 12.59 min Scan# 1780
 Delta R.T. 0.01 min
 Lab File: VY000370.D
 Acq: 22 Oct 2019 17:38

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP1-2FTMSD

Tot Ion	Ratio	Lower	Upper
83	100		
131	4.4	5.3	16.1#
85	43.0	32.9	98.7

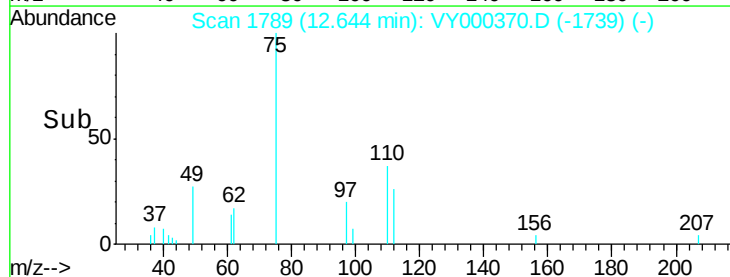
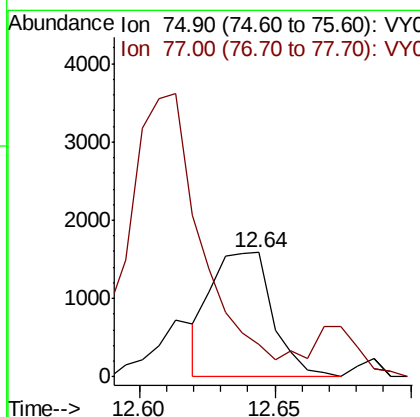
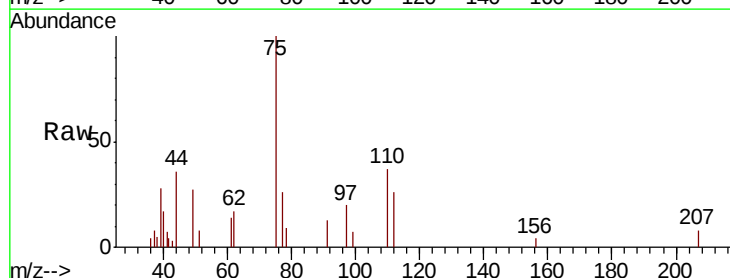
Manual Integrations
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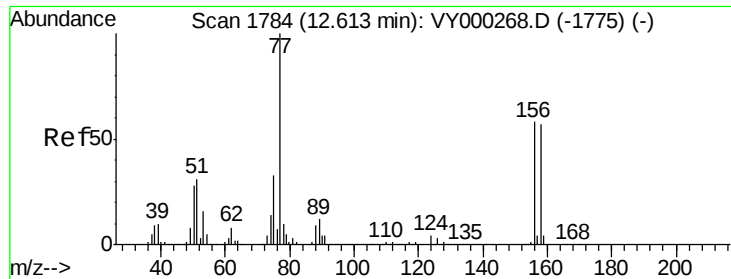
MMDadoda
 10/24/2019 4:34:18 PM



#76
 1,2,3-Trichloropropane
 Concen: 45.298 ug/l m
 RT: 12.64 min Scan# 1789
 Delta R.T. 0.01 min
 Lab File: VY000370.D
 Acq: 22 Oct 2019 17:38

Tgt Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 49.922 ug/l

RT: 12.61 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VY000370.D

Acq: 22 Oct 2019 17:38

Instrument :

MSVOA_Y

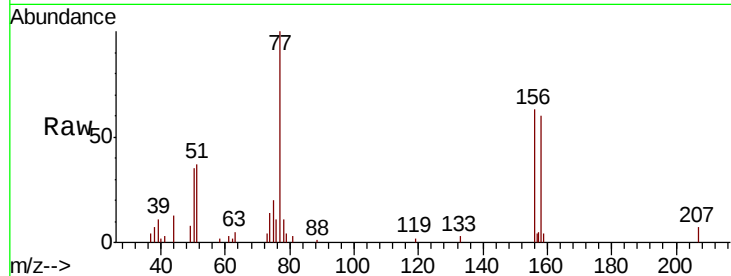
ClientSampleId :

TP1-2FTMSD

Tot Ion	Ratio	Lower	Upper
156	100		
77	171.9	101.0	302.9
158	99.1	49.7	149.1

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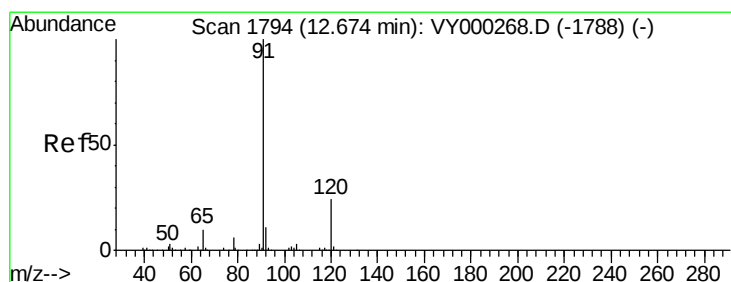
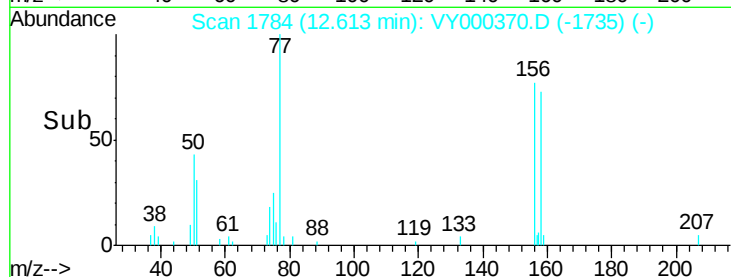
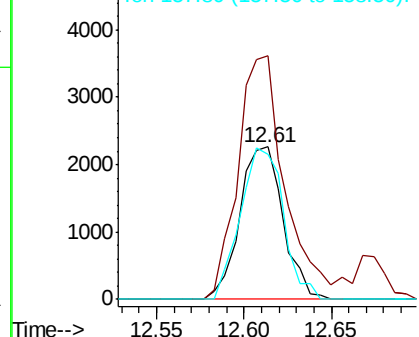


Abundance

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: 43.332 ug/l

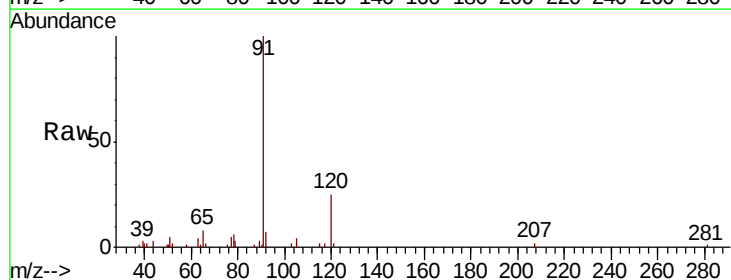
RT: 12.67 min Scan# 1794

Delta R.T. 0.00 min

Lab File: VY000370.D

Acq: 22 Oct 2019 17:38

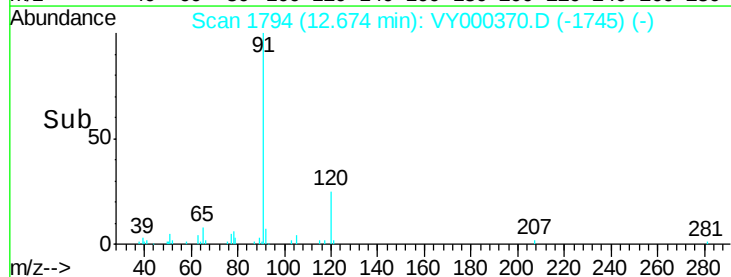
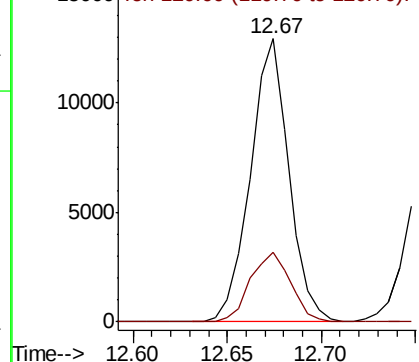
Tgt Ion	Ratio	Lower	Upper
91	100		
120	25.8	11.5	34.5

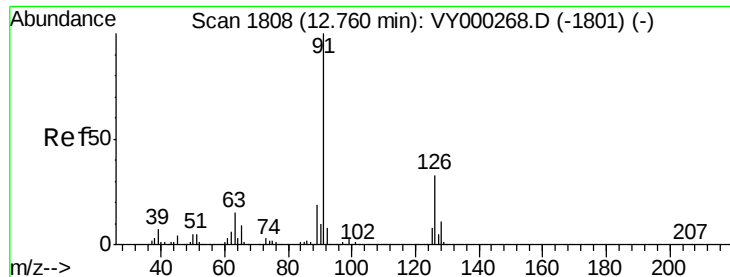


Abundance

Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





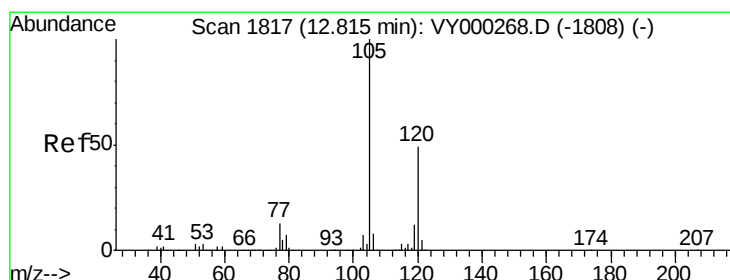
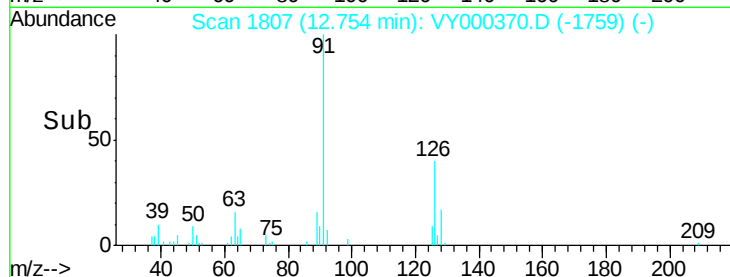
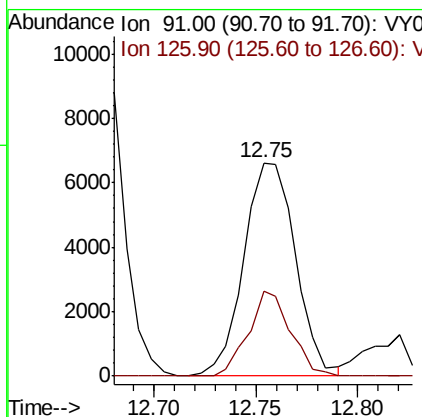
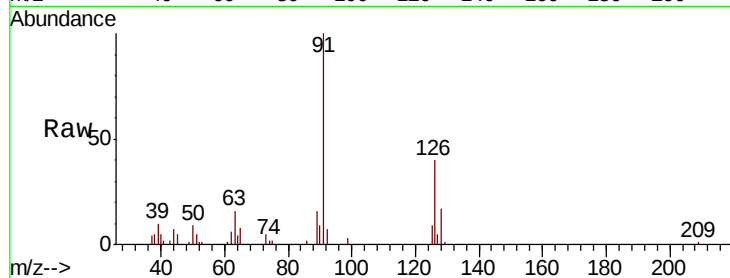
#79
2-Chlorotoluene
Concen: 50.252 ug/l
RT: 12.75 min Scan# 1807
Delta R.T. -0.01 min
Lab File: VY000370.D
Acq: 22 Oct 2019 17:38

Instrument :
MSVOA_Y
ClientSampleId :
TP1-2FTMSD

Tot Ion: 91 Resp: 11689
Ion Ratio Lower Upper
91 100
126 32.5 17.1 51.3

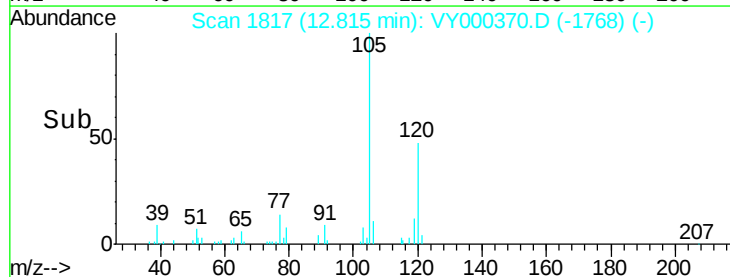
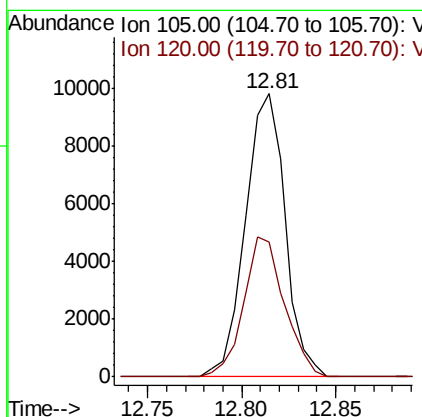
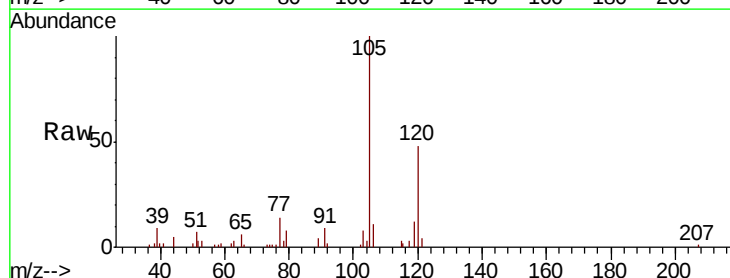
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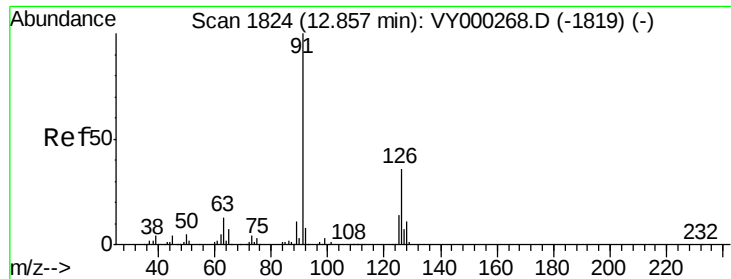
MMDadoda
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#80
1,3,5-Trimethylbenzene
Concen: 48.855 ug/l
RT: 12.81 min Scan# 1817
Delta R.T. 0.00 min
Lab File: VY000370.D
Acq: 22 Oct 2019 17:38

Tgt Ion: 105 Resp: 14371
Ion Ratio Lower Upper
105 100
120 50.8 24.9 74.8





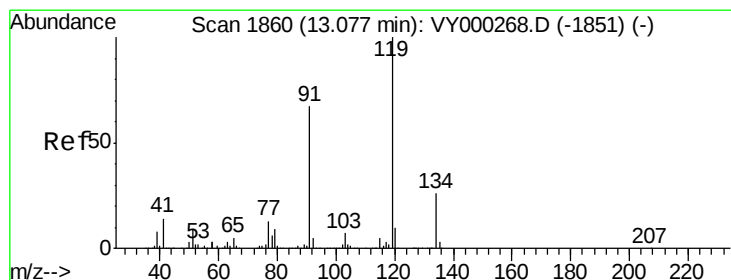
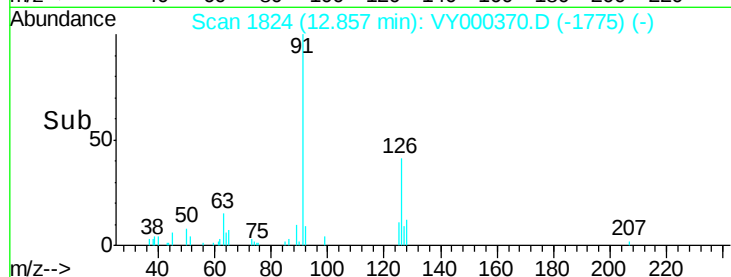
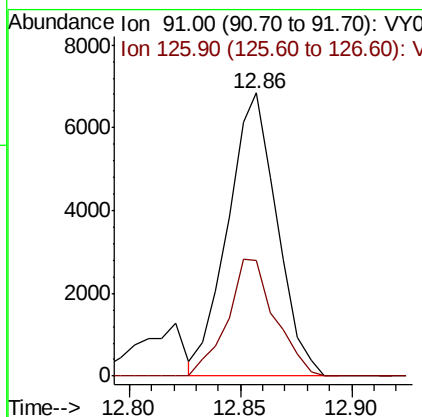
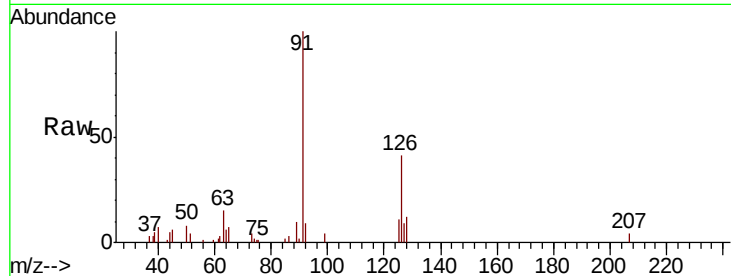
#82
4-Chlorotoluene
Concen: 42.598 ug/l
RT: 12.86 min Scan# 1824
Delta R.T. 0.00 min
Lab File: VY000370.D
Acq: 22 Oct 2019 17:38

Instrument :
MSVOA_Y
ClientSampleId :
TP1-2FTMSD

Tot Ion	Ratio	Lower	Upper
91	100		
126	40.1	17.2	51.5

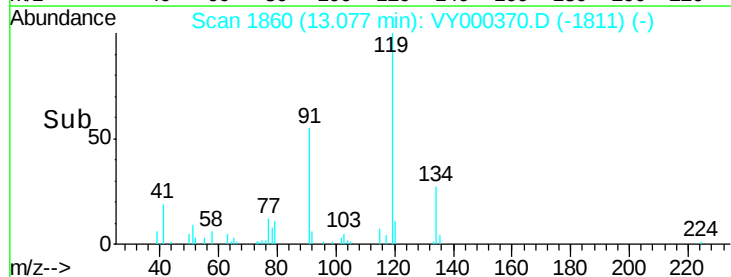
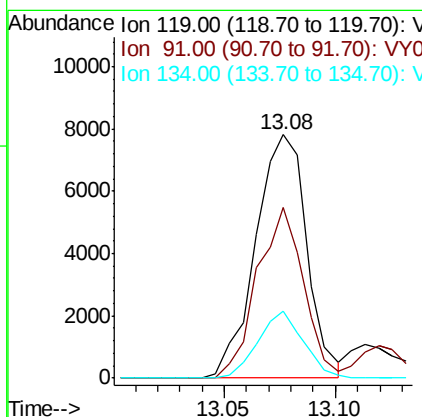
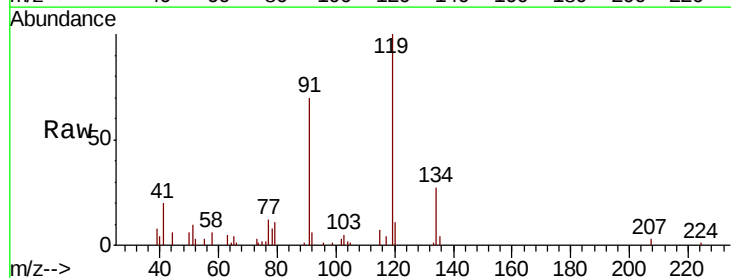
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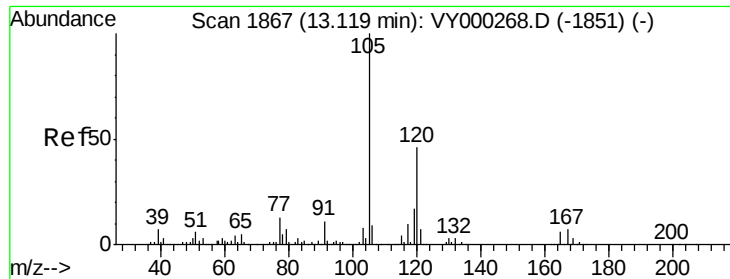
MMDadoda
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#83
tert-Butylbenzene
Concen: 50.059 ug/l
RT: 13.08 min Scan# 1860
Delta R.T. 0.00 min
Lab File: VY000370.D
Acq: 22 Oct 2019 17:38

Tgt Ion	Ratio	Lower	Upper
119	100		
91	63.4	32.9	98.7
134	24.4	13.3	39.8





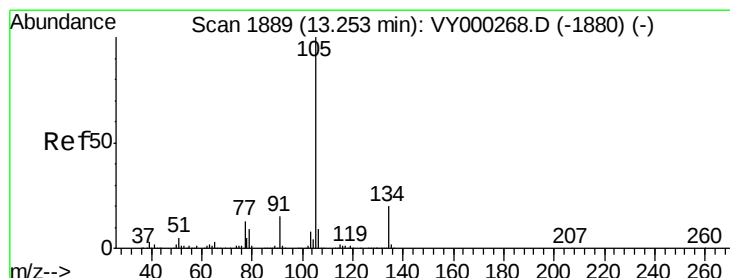
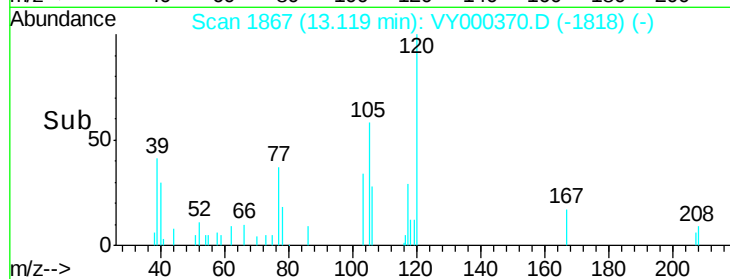
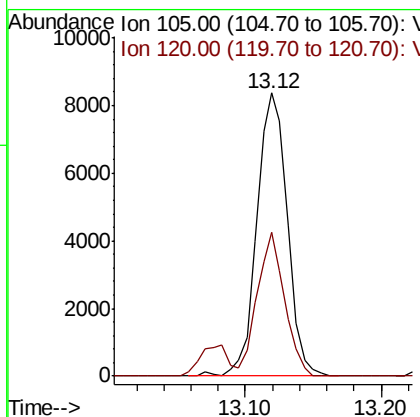
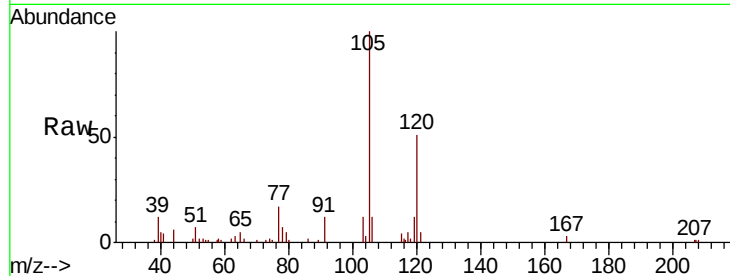
#84
 1,2,4-Trimethylbenzene
 Concen: 45.281 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VY000370.D
 Acq: 22 Oct 2019 17:38

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP1-2FTMSD

Tot Ion	Ion	Ratio	Lower	Upper
105	105	100		
120	120	45.8	22.9	68.8

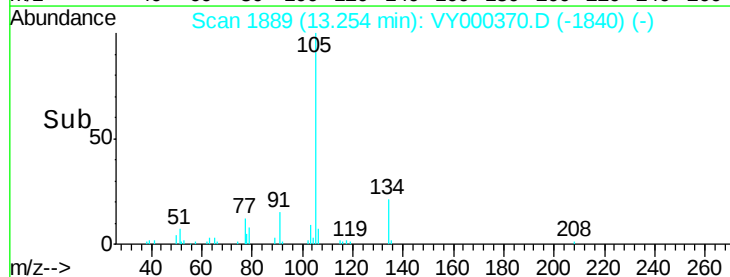
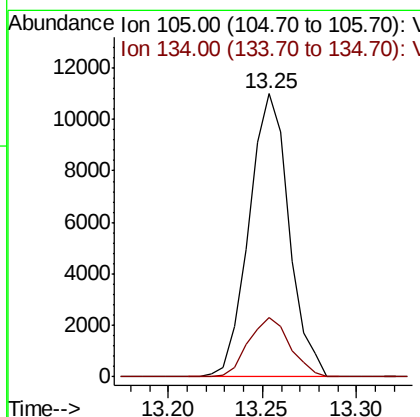
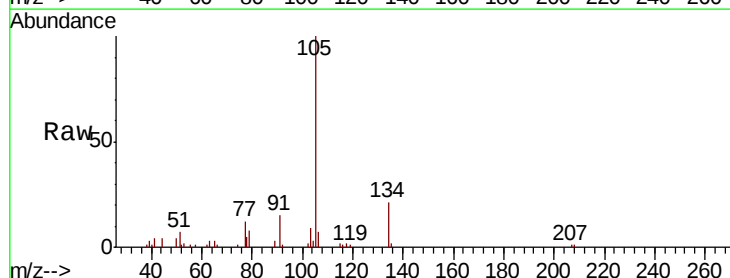
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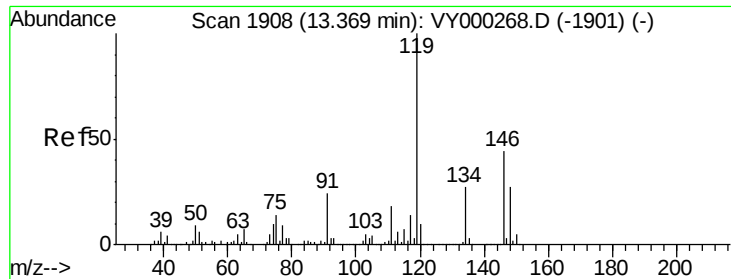
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#85
 sec-Butylbenzene
 Concen: 44.813 ug/l
 RT: 13.25 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VY000370.D
 Acq: 22 Oct 2019 17:38

Tgt Ion	Ion	Ratio	Lower	Upper
105	105	100		
134	134	21.6	10.1	30.1





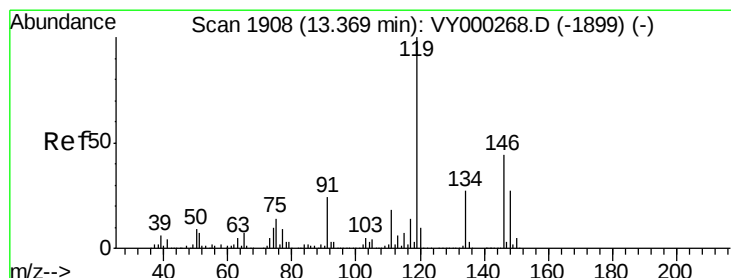
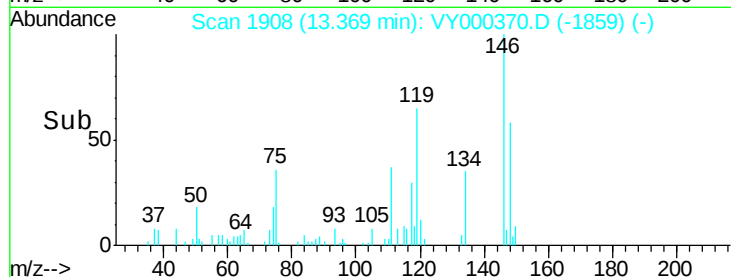
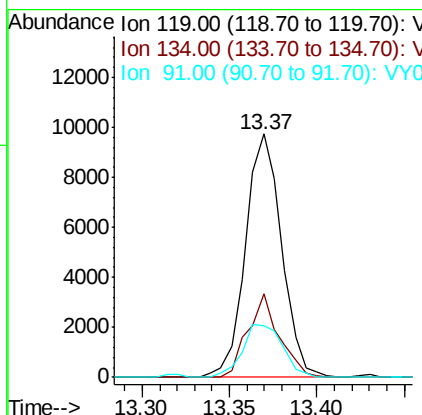
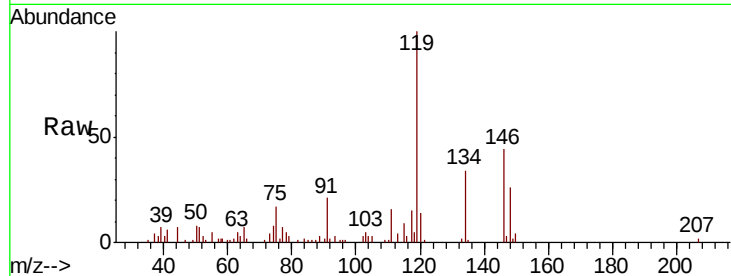
#86
p-Isopropyltoluene
Concen: 44.422 ug/l
RT: 13.37 min Scan# 1908
Delta R.T. 0.00 min
Lab File: VY000370.D
Acq: 22 Oct 2019 17:38

Instrument :
MSVOA_Y
ClientSampleId :
TP1-2FTMSD

Tot Ion	Ratio	Lower	Upper
119	100		
134	30.1	13.6	40.8
91	24.2	12.0	36.1

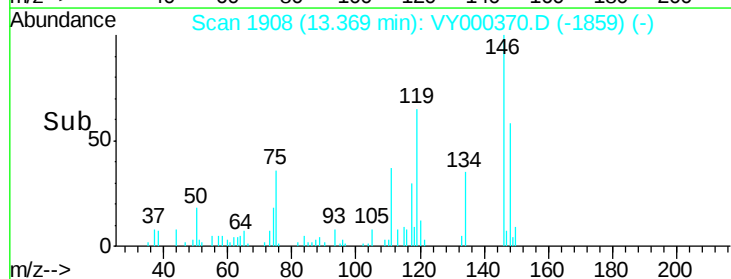
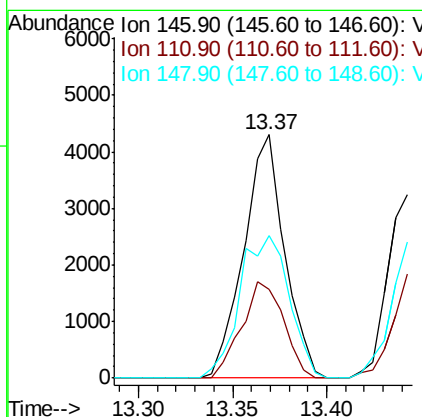
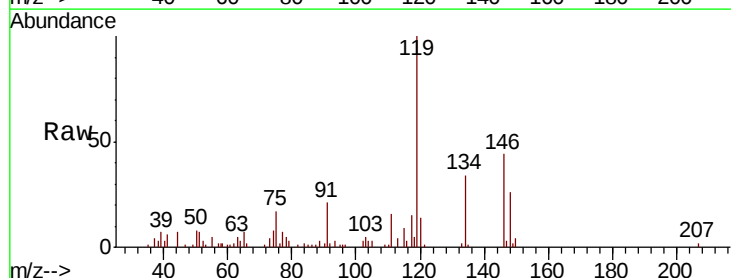
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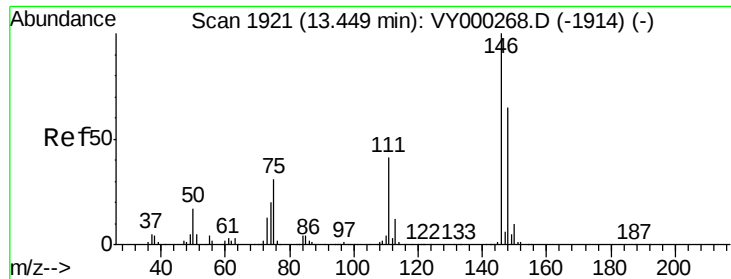
MMDadoda
10/24/2019 4:34:18 PM



#87
1,3-Dichlorobenzene
Concen: 42.028 ug/l
RT: 13.37 min Scan# 1908
Delta R.T. 0.00 min
Lab File: VY000370.D
Acq: 22 Oct 2019 17:38

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.8	20.6	61.8
148	70.8	31.9	95.5





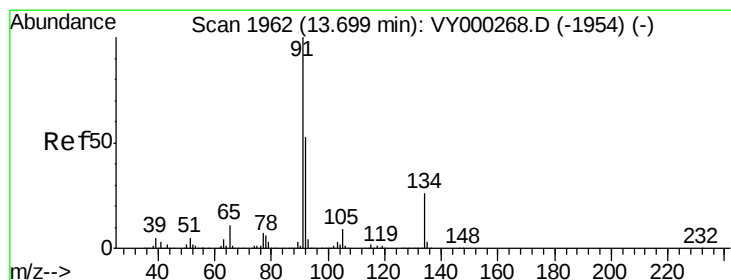
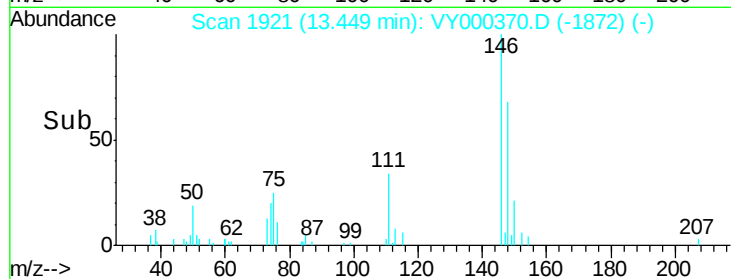
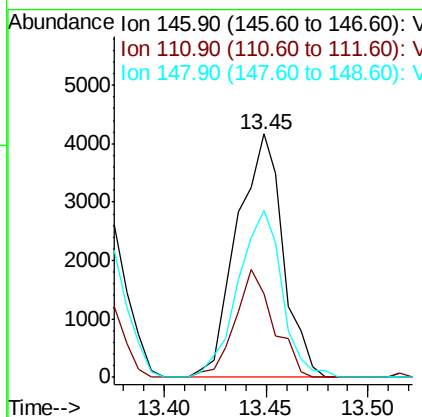
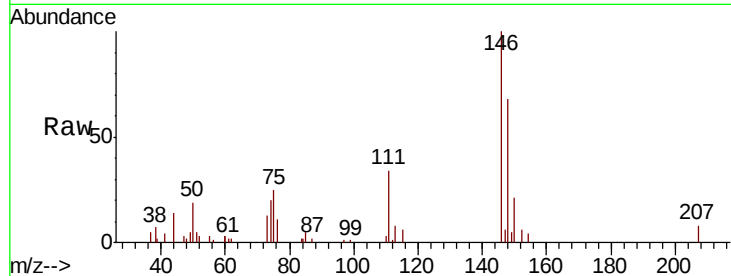
#88
 1,4-Dichlorobenzene
 Concen: 42.451 ug/l
 RT: 13.45 min Scan# 1921
 Delta R.T. 0.00 min
 Lab File: VY000370.D
 Acq: 22 Oct 2019 17:38

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP1-2FTMSD

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.0	20.1	60.2
148	65.8	32.4	97.2

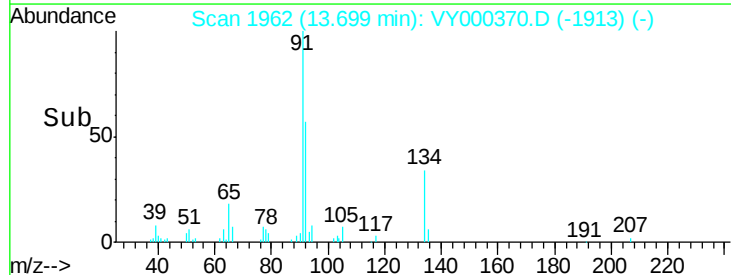
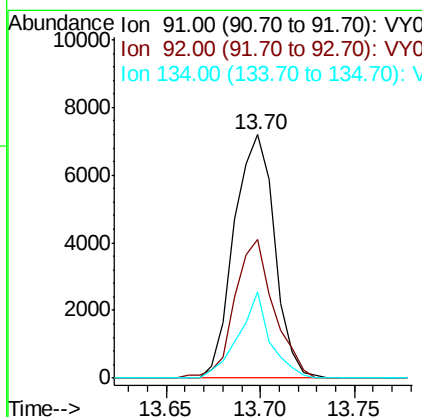
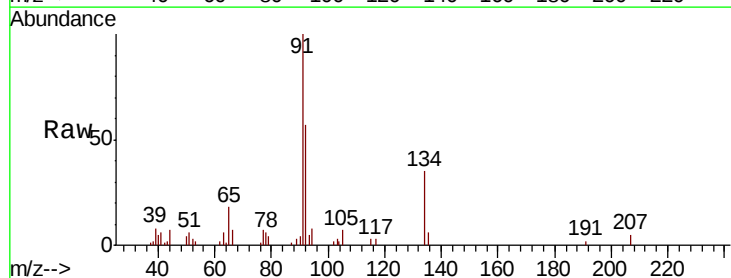
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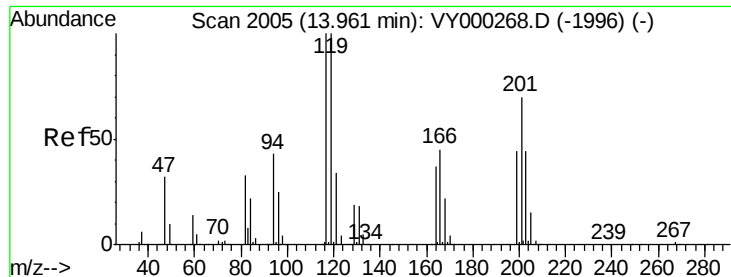
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#89
 n-Butylbenzene
 Concen: 34.571 ug/l
 RT: 13.70 min Scan# 1962
 Delta R.T. 0.00 min
 Lab File: VY000370.D
 Acq: 22 Oct 2019 17:38

Tgt Ion	Ratio	Lower	Upper
91	100		
92	55.2	26.7	80.1
134	27.6	13.0	38.9





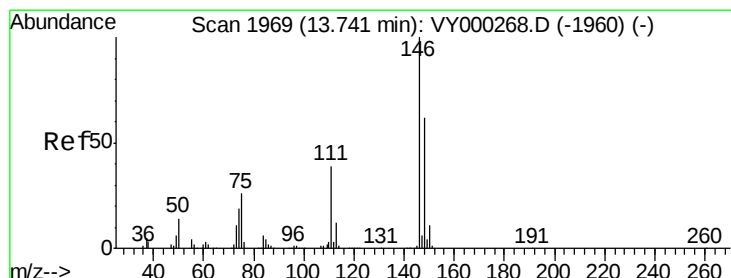
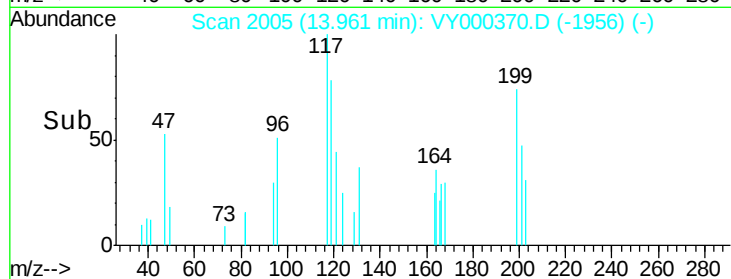
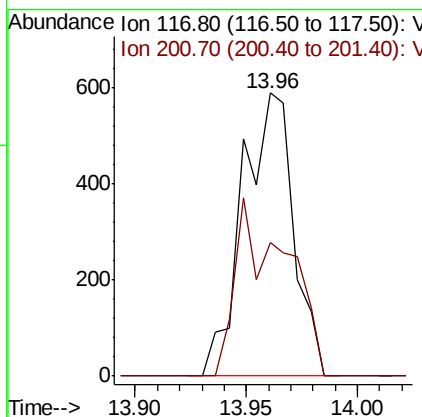
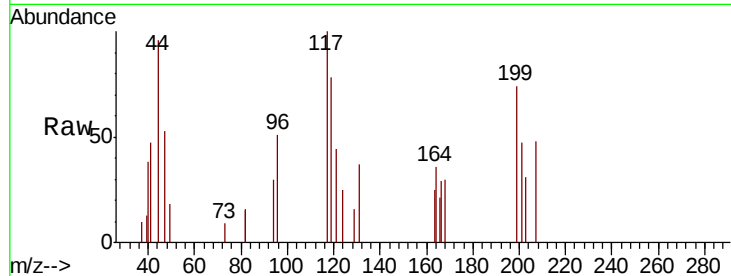
#90
Hexachloroethane
Concen: 16.175 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. 0.00 min
Lab File: VY000370.D
Acq: 22 Oct 2019 17:38

Instrument :
MSVOA_Y
ClientSampleId :
TP1-2FTMSD

Tot Ion:117 Resp: 941
Ion Ratio Lower Upper
117 100
201 62.8 36.3 108.7

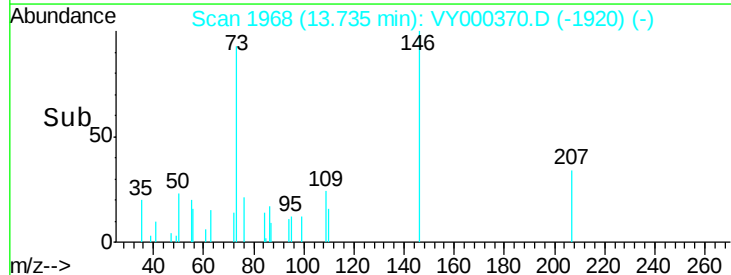
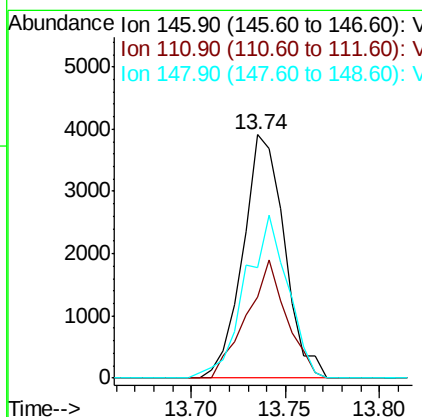
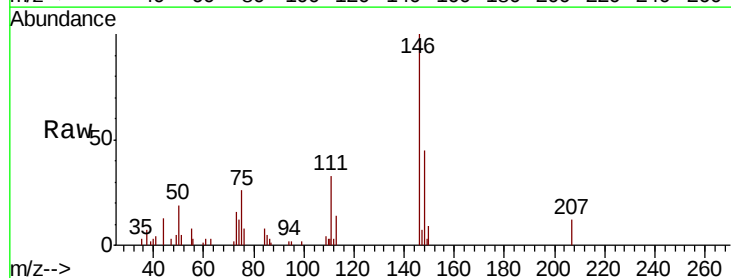
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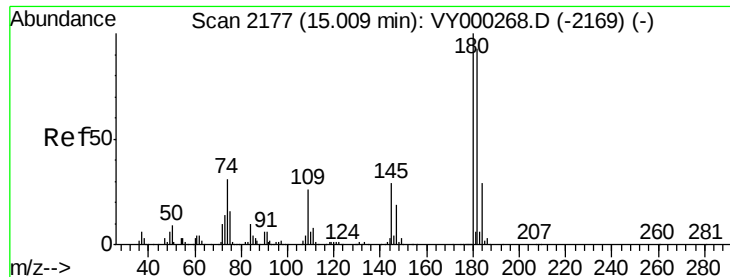
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#91
1,2-Dichlorobenzene
Concen: 42.942 ug/l
RT: 13.74 min Scan# 1968
Delta R.T. -0.01 min
Lab File: VY000370.D
Acq: 22 Oct 2019 17:38

Tgt Ion:146 Resp: 5977
Ion Ratio Lower Upper
146 100
111 46.7 20.5 61.5
148 68.7 31.6 95.0





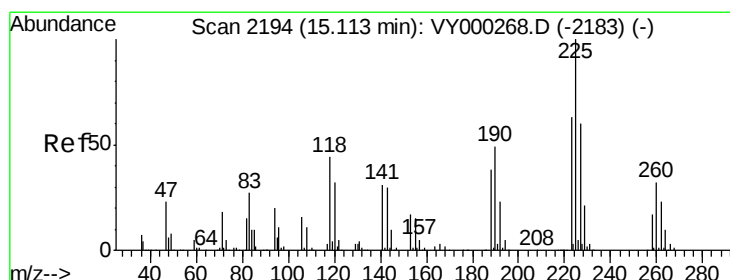
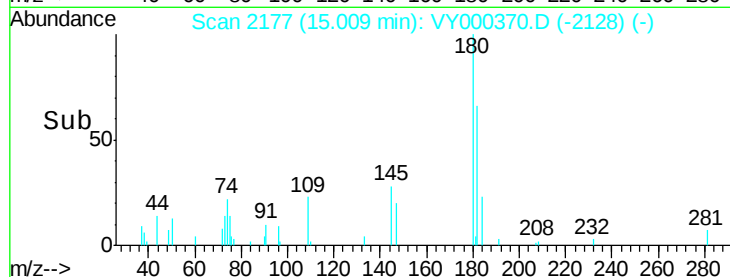
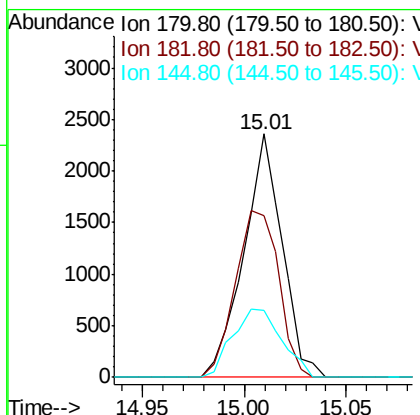
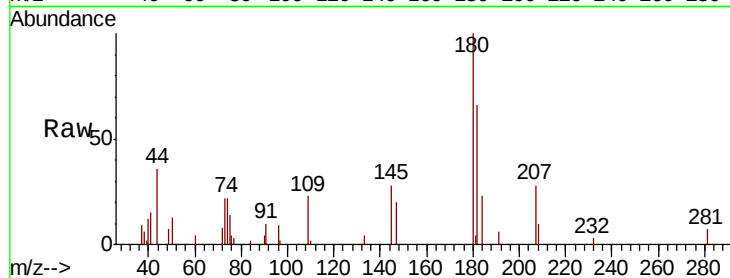
#93
 1,2,4-Trichlorobenzene
 Concen: 31.958 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VY000370.D
 Acq: 22 Oct 2019 17:38

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP1-2FTMSD

Tot Ion	Ratio	Lower	Upper
180	100		
182	76.8	47.5	142.6
145	35.8	15.4	46.1

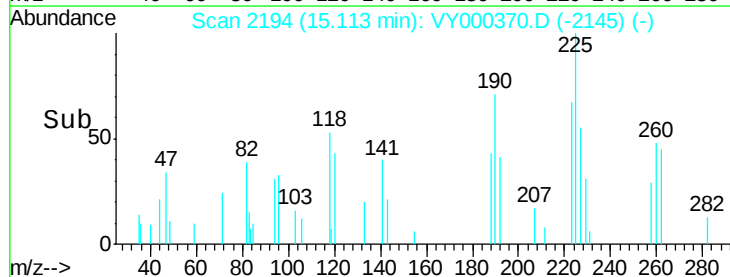
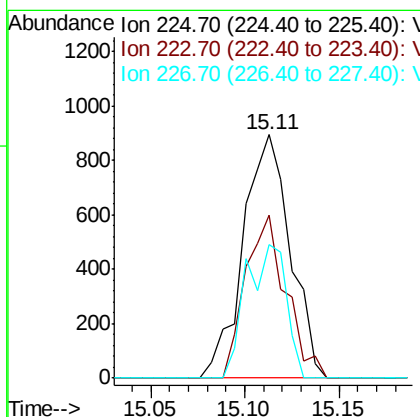
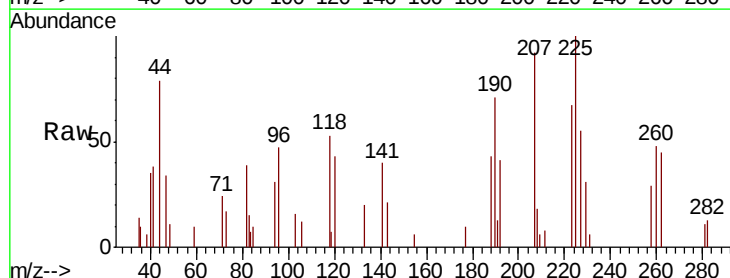
Manual Integrations
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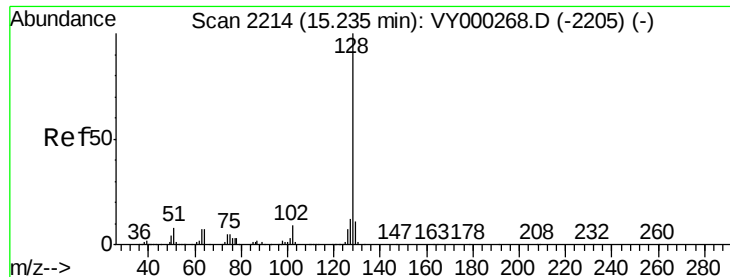
MMDadoda
 10/24/2019 4:34:18 PM



#94
 Hexachlorobutadiene
 Concen: 29.651 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.00 min
 Lab File: VY000370.D
 Acq: 22 Oct 2019 17:38

Tgt Ion	Ratio	Lower	Upper
225	100		
223	57.3	31.9	95.7
227	46.6	31.4	94.2





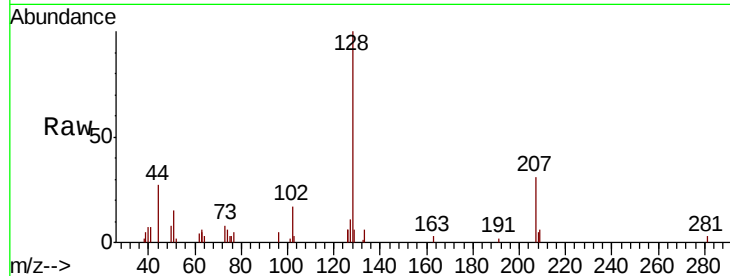
#95
Naphthalene
Concen: 33.408 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY000370.D
Acq: 22 Oct 2019 17:38

Instrument :
MSVOA_Y
ClientSampleId :
TP1-2FTMSD

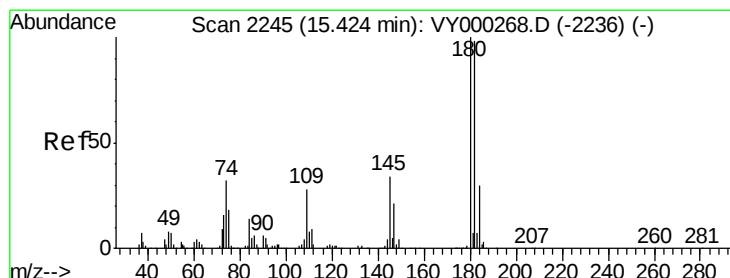
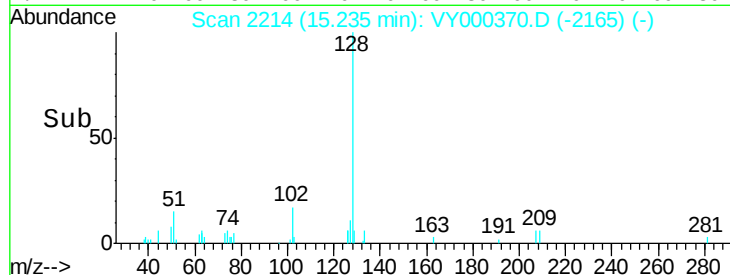
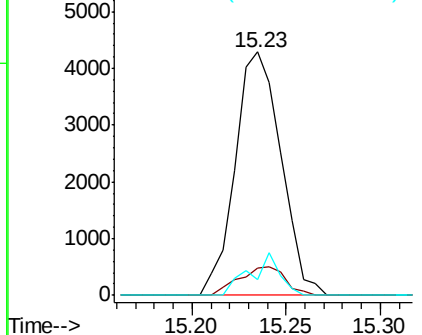
Tot Ion:	128	Resp:	7225
Ion Ratio	Lower	Upper	
128	100		
127	11.7	9.6	14.4
129	11.3	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
10/24/2019 4:34:18 PM

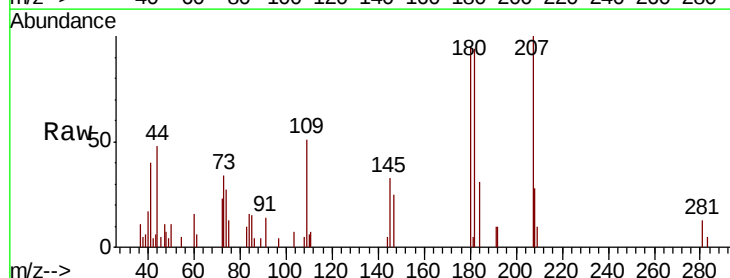


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 26.987 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. 0.00 min
Lab File: VY000370.D
Acq: 22 Oct 2019 17:38

Tgt Ion:	180	Resp:	2357
Ion Ratio	Lower	Upper	
180	100		
182	86.8	46.5	139.5
145	30.0	16.2	48.5



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

