

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY101519\
 Data File : VY000314.D
 Acq On : 15 Oct 2019 12:54
 Operator : SY/MD
 Sample : VY1015SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1015SBS01

Manual Integrations
 APPROVED

MMDadoda
 10/18/2019 12:40:21 AM

Quant Time: Oct 15 17:48:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 14 08:10:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	304556	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	520170	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	467021	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	227447	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.16	65	173979	54.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.32%	
35) Dibromofluoromethane	7.73	113	158171	50.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.82%	
50) Toluene-d8	10.19	98	638512	52.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.80%	
62) 4-Bromofluorobenzene	12.48	95	228407	49.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	62140	23.523	ug/l	98
3) Chloromethane	2.12	50	76014	20.425	ug/l	99
4) Vinyl Chloride	2.26	62	77962	20.757	ug/l	97
5) Bromomethane	2.64	94	56793	20.403	ug/l	91
6) Chloroethane	2.79	64	50963	21.030	ug/l	97
7) Trichlorofluoromethane	3.13	101	110053	21.421	ug/l	97
8) Diethyl Ether	3.53	74	38849	21.405	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.90	101	67178	21.561	ug/l	97
10) Methyl Iodide	4.10	142	80649	18.927	ug/l	98
11) Tert butyl alcohol	4.97	59	33460	99.524	ug/l	100
12) 1,1-Dichloroethene	3.88	96	64834	21.078	ug/l	99
13) Acrolein	3.74	56	35853	90.961	ug/l	98
14) Allyl chloride	4.49	41	108090	21.205	ug/l	98
15) Acrylonitrile	5.18	53	101323	99.740	ug/l	97
16) Acetone	3.96	43	87757	84.351	ug/l	100
17) Carbon Disulfide	4.20	76	197574	20.401	ug/l	96
18) Methyl Acetate	4.49	43	52754	20.408	ug/l	98
19) Methyl tert-butyl Ether	5.23	73	182720	21.339	ug/l	100
20) Methylene Chloride	4.73	84	82501	20.307	ug/l	95
21) trans-1,2-Dichloroethene	5.23	96	73136	20.724	ug/l	95
22) Diisopropyl ether	6.13	45	231436	21.467	ug/l	95
23) Vinyl Acetate	6.08	43	729942	103.782	ug/l	99
24) 1,1-Dichloroethane	6.03	63	124901	21.225	ug/l	97
25) 2-Butanone	7.00	43	143132	97.664	ug/l	98
26) 2,2-Dichloropropane	6.99	77	116136	21.417	ug/l	95
27) cis-1,2-Dichloroethene	7.00	96	80456	21.069	ug/l	100
28) Bromochloromethane	7.35	49	46831	18.538	ug/l	97
29) Tetrahydrofuran	7.36	42	85740	96.534	ug/l	97
30) Chloroform	7.52	83	126638	21.369	ug/l	97
31) Cyclohexane	7.79	56	130649	21.257	ug/l	98
32) 1,1,1-Trichloroethane	7.71	97	108905	20.670	ug/l	98
36) 1,1-Dichloropropene	7.93	75	100034	19.642	ug/l	98
37) Ethyl Acetate	7.09	43	61514	20.399	ug/l	99
38) Carbon Tetrachloride	7.91	117	95694	19.407	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	129143	19.375	ug/l	95
40) Benzene	8.17	78	295157	20.055	ug/l	100
41) Methacrylonitrile	7.33	41	22577m	15.729	ug/l	
42) 1,2-Dichloroethane	8.25	62	81906	19.483	ug/l	99
43) Isopropyl Acetate	8.28	43	109931	19.172	ug/l	96
44) Trichloroethene	8.95	130	80625	19.524	ug/l	99
45) 1,2-Dichloropropane	9.22	63	71307	19.743	ug/l	97
46) Dibromomethane	9.32	93	41131	20.372	ug/l	94
47) Bromodichloromethane	9.50	83	95659	20.104	ug/l	96
48) Methyl methacrylate	9.30	41	50151	19.958	ug/l	99
49) 1,4-Dioxane	9.31	88	10533	347.935	ug/l	95
51) 4-Methyl-2-Pentanone	10.08	43	293744	99.327	ug/l	99
52) Toluene	10.25	92	185927	19.898	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	103039	20.206	ug/l	100
54) cis-1,3-Dichloropropene	9.94	75	118469	20.457	ug/l	94
55) 1,1,2-Trichloroethane	10.65	97	57406	19.555	ug/l	99
56) Ethyl methacrylate	10.52	69	85151	20.350	ug/l	99
57) 1,3-Dichloropropane	10.80	76	102750	20.381	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.79	63	204240	122.374	ug/l	98
59) 2-Hexanone	10.84	43	212305	102.276	ug/l	99
60) Dibromochloromethane	10.99	129	64749	19.900	ug/l	96
61) 1,2-Dibromoethane	11.09	107	56866	20.175	ug/l	100
64) Tetrachloroethene	10.72	164	84850	19.084	ug/l	92
65) Chlorobenzene	11.52	112	193989	19.682	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	66968	19.342	ug/l	99
67) Ethyl Benzene	11.60	91	361151	19.766	ug/l	98
68) m/p-Xylenes	11.70	106	271792	38.912	ug/l	97
69) o-Xylene	12.03	106	128820	19.333	ug/l	98
70) Styrene	12.05	104	220512	19.623	ug/l	99
71) Bromoform	12.21	173	39157	19.674	ug/l #	98
73) Isopropylbenzene	12.33	105	347820	19.612	ug/l	98
74) N-amyl acetate	12.14	43	97910	22.488	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.58	83	64432	19.350	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	55552m	19.863	ug/l	
77) Bromobenzene	12.61	156	78438	19.876	ug/l	98
78) n-propylbenzene	12.67	91	425476	19.982	ug/l	99
79) 2-Chlorotoluene	12.76	91	236121	20.079	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	297396	19.998	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.38	75	23987	18.765	ug/l	97
82) 4-Chlorotoluene	12.86	91	250233	20.131	ug/l	100
83) tert-Butylbenzene	13.08	119	247569	19.659	ug/l	98
84) 1,2,4-Trimethylbenzene	13.12	105	295771	20.152	ug/l	98
85) sec-Butylbenzene	13.25	105	363297	19.942	ug/l	100
86) p-Isopropyltoluene	13.37	119	319838	20.138	ug/l	99
87) 1,3-Dichlorobenzene	13.37	146	153397	19.728	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	157570	20.275	ug/l	99
89) n-Butylbenzene	13.70	91	319839	20.378	ug/l	98
90) Hexachloroethane	13.96	117	59950	20.384	ug/l	98
91) 1,2-Dichlorobenzene	13.74	146	140362	19.947	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.35	75	12742	20.177	ug/l	86

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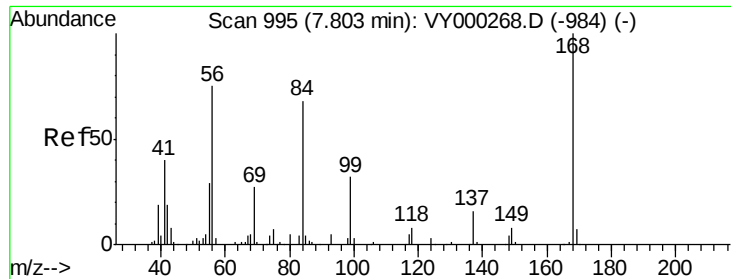
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	97056	19.810	ug/l	99
94) Hexachlorobutadiene	15.11	225	51581	19.455	ug/l	99
95) Naphthalene	15.23	128	219838	20.107	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	89100	20.179	ug/l	97

(#) = 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: VY000314.D

Acq: 15 Oct 2019 12:54

Instrument :

MSVOA_Y

ClientSampleId :

VY1015SBS01

Tot Ion:168 Resp: 304556

Ion Ratio Lower Upper

168 100

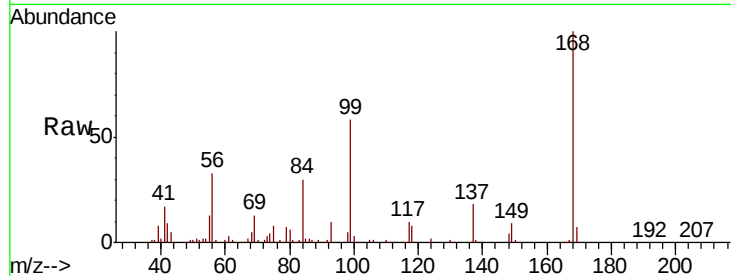
99 58.3 46.6 69.8

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VY000314.D (-946) (-)

Ion 98.90 (98.60 to 99.60): VY000314.D (-946) (-)

7.80

150000

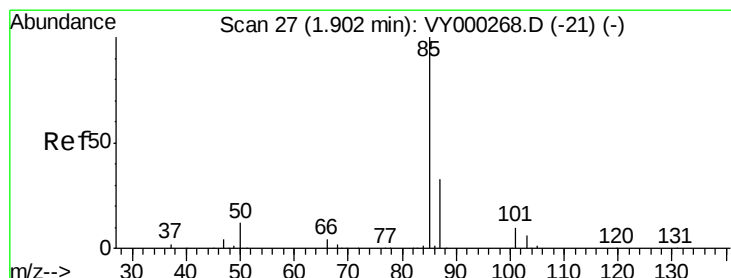
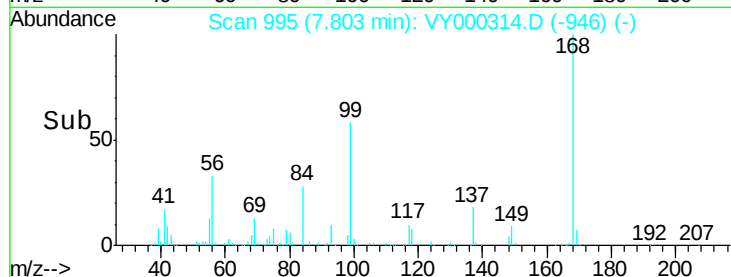
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50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 23.523 ug/l

RT: 1.90 min Scan# 27

Delta R.T. 0.00 min

Lab File: VY000314.D

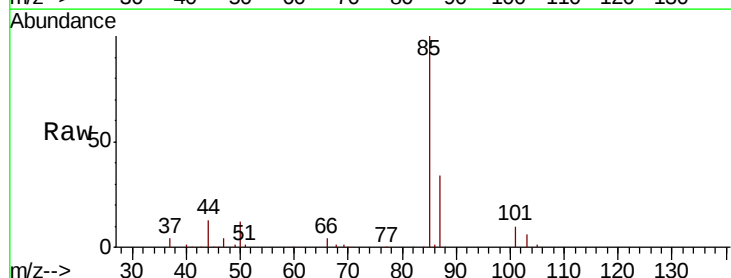
Acq: 15 Oct 2019 12:54

Tgt Ion: 85 Resp: 62140

Ion Ratio Lower Upper

85 100

87 34.2 16.6 49.8



Abundance Ion 84.90 (84.60 to 85.60): VY000314.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY000314.D (-1) (-)

1.90

40000

30000

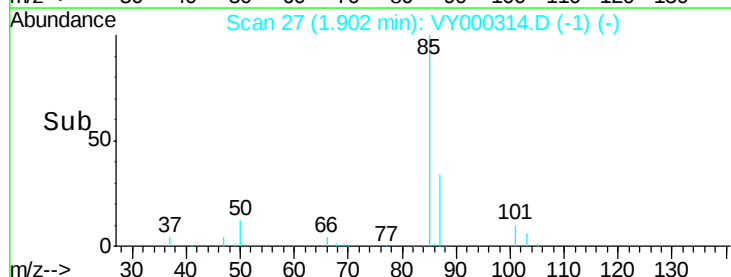
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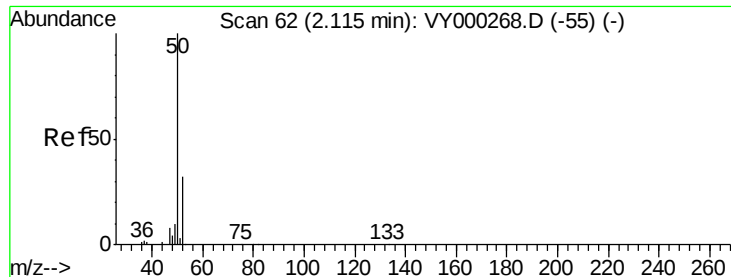
10000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 20.425 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY000314.D

Acq: 15 Oct 2019 12:54

Instrument :

MSVOA_Y

ClientSampleId :

VY1015SBS01

Tot Ion: 50 Resp: 76014

Ion Ratio Lower Upper

50 100

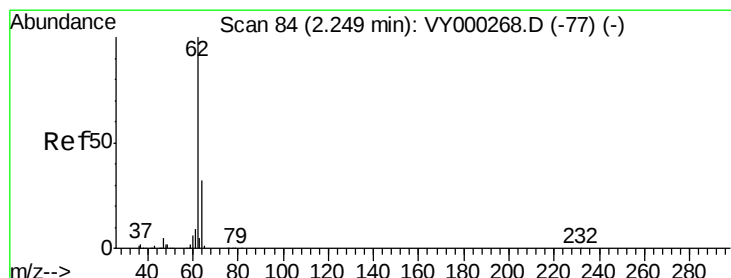
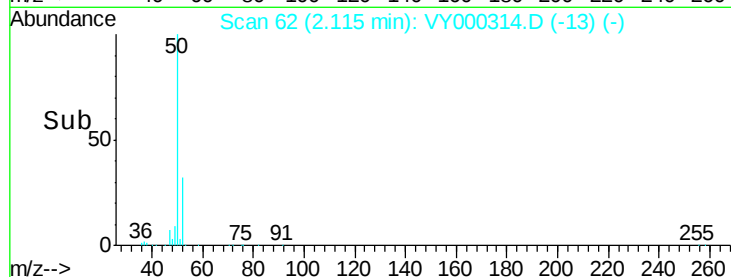
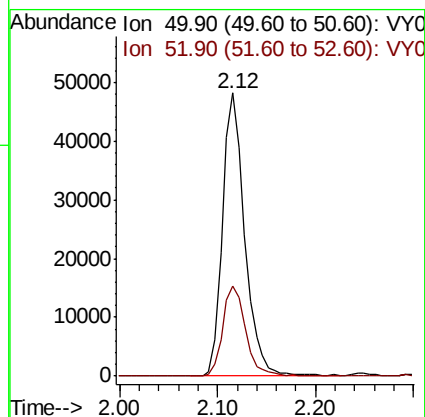
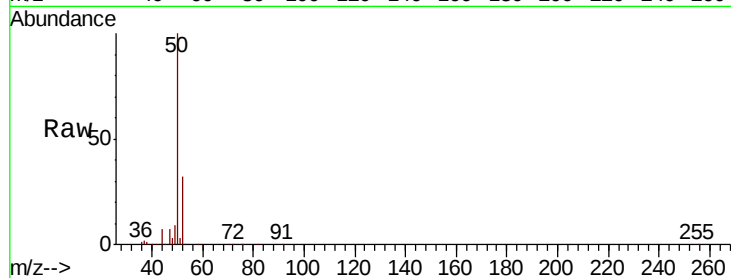
52 31.9 25.3 37.9

Manual Integrations

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#4

Vinyl Chloride

Concen: 20.757 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.01 min

Lab File: VY000314.D

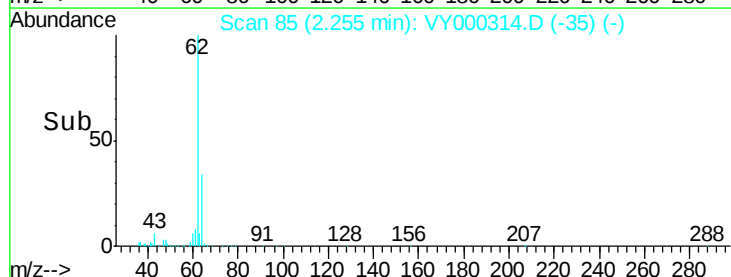
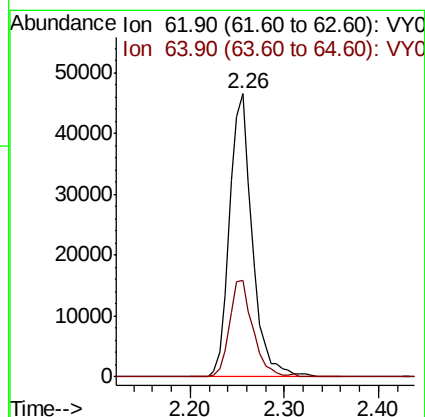
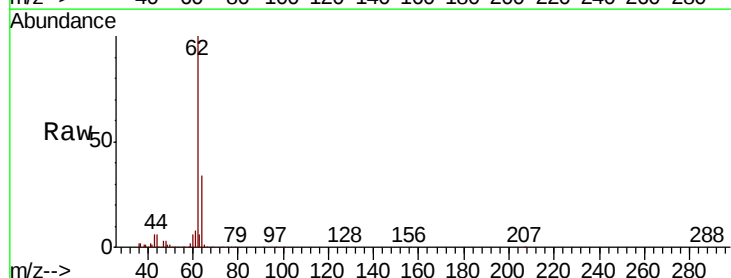
Acq: 15 Oct 2019 12:54

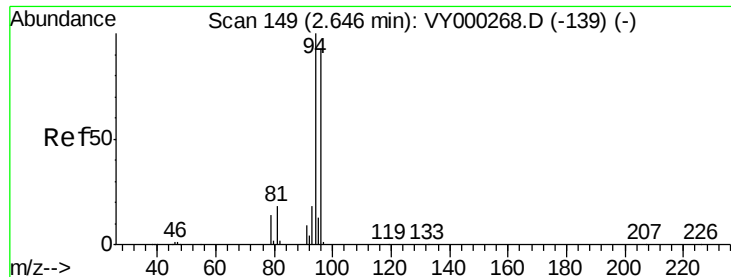
Tgt Ion: 62 Resp: 77962

Ion Ratio Lower Upper

62 100

64 33.9 25.6 38.4





#5

Bromomethane

Concen: 20.403 ug/l

RT: 2.64 min Scan# 148

Delta R.T. -0.01 min

Lab File: VY000314.D

Acq: 15 Oct 2019 12:54

Instrument :

MSVOA_Y

ClientSampleId :

VY1015SBS01

Tot Ion: 94 Resp: 56793

Ion Ratio Lower Upper

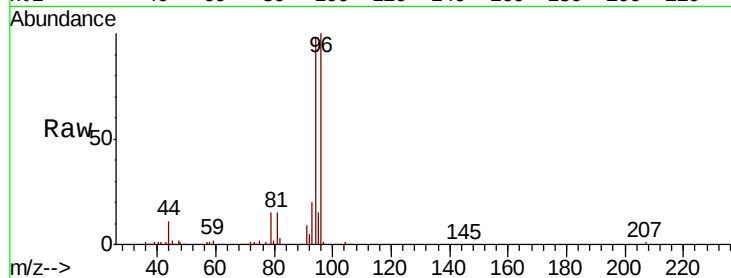
94 100

96 101.5 74.2 111.2

Manual Integrations
APPROVED

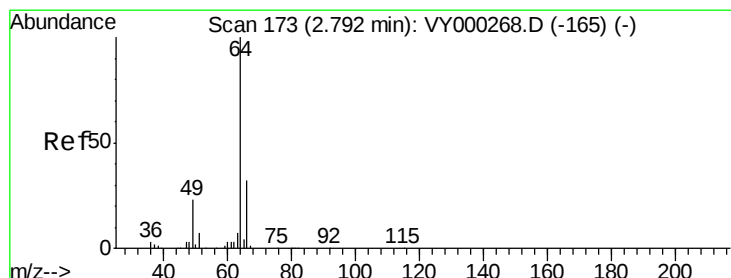
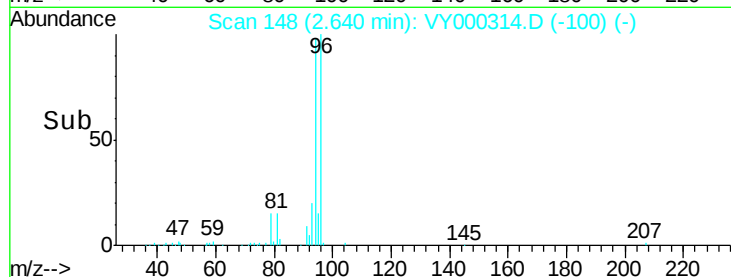
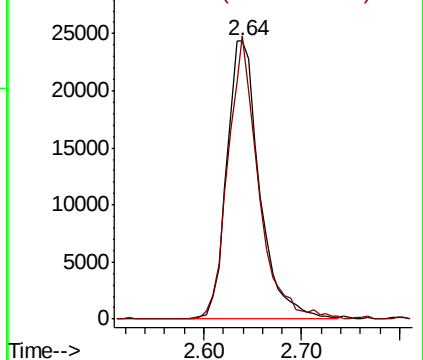
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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 21.030 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.00 min

Lab File: VY000314.D

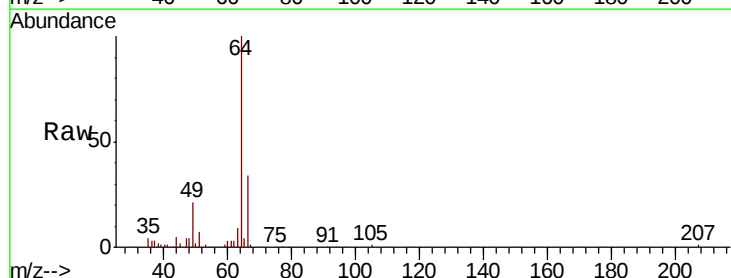
Acq: 15 Oct 2019 12:54

Tgt Ion: 64 Resp: 50963

Ion Ratio Lower Upper

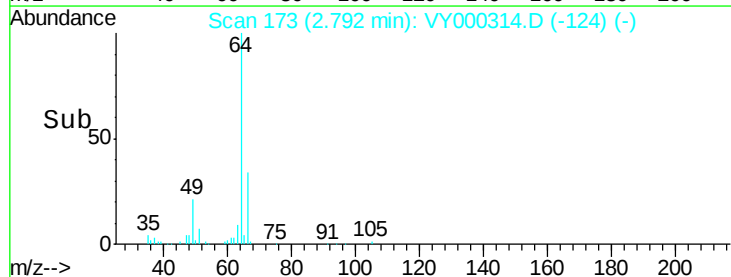
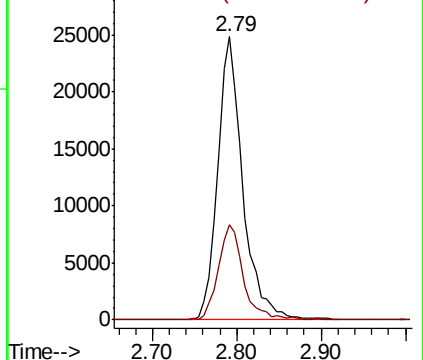
64 100

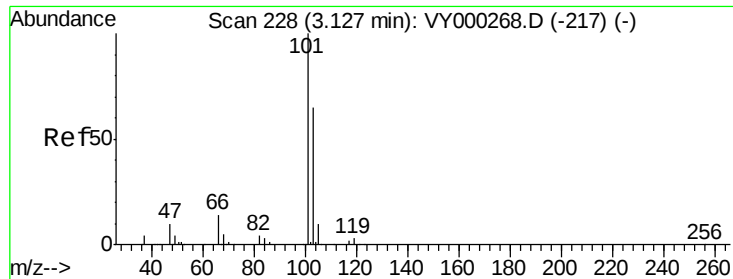
66 33.5 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

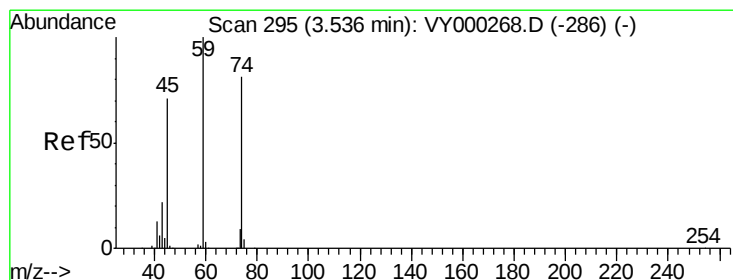
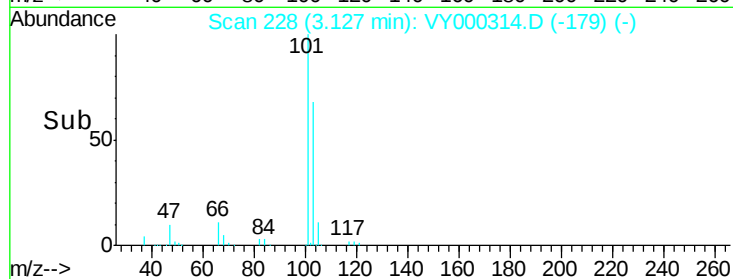
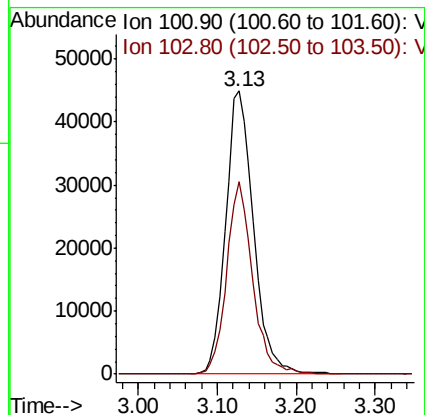
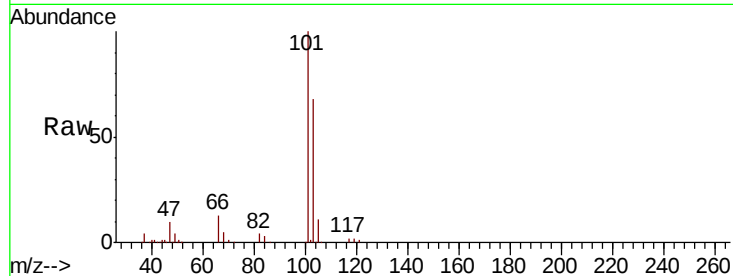
Trichlorofluoromethane
 Concen: 21.421 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. -0.00 min
 Lab File: VY000314.D
 Acq: 15 Oct 2019 12:54

Instrument :
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 ClientSampleId :
 VY1015SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	68.0	52.2	78.4

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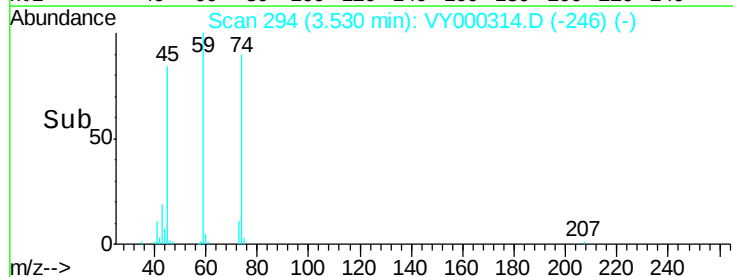
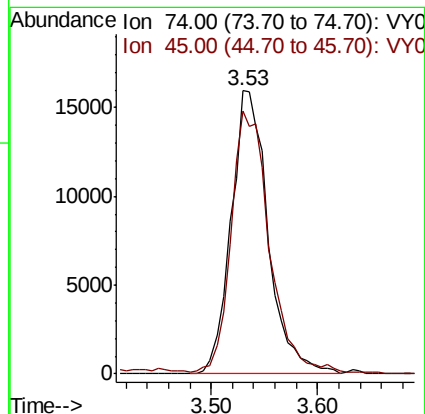
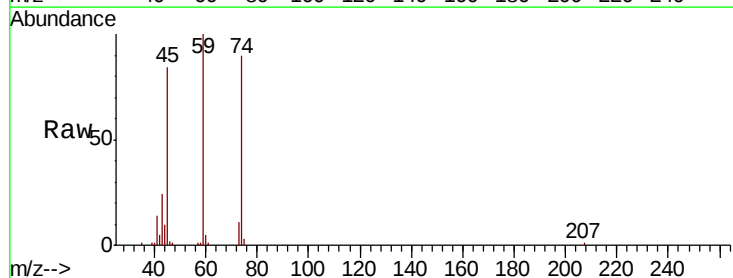
MMDadoda
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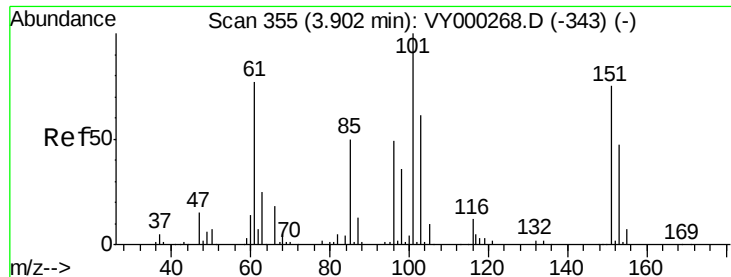


#8

Diethyl Ether
 Concen: 21.405 ug/l
 RT: 3.53 min Scan# 294
 Delta R.T. -0.01 min
 Lab File: VY000314.D
 Acq: 15 Oct 2019 12:54

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.1	47.1	141.4





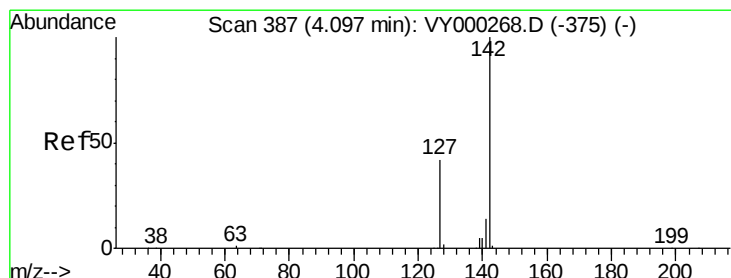
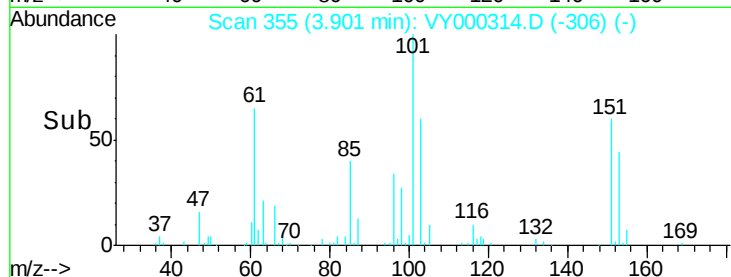
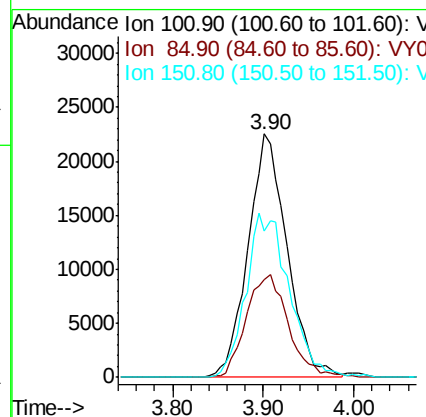
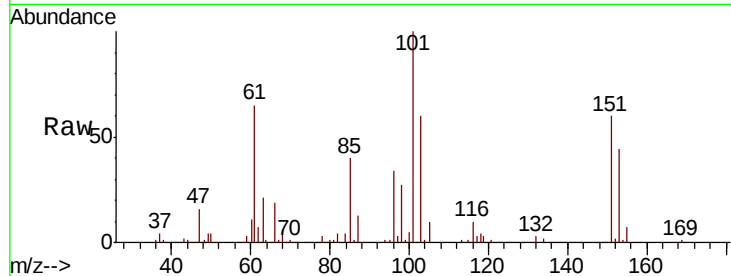
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 21.561 ug/l
 RT: 3.90 min Scan# 355
 Delta R.T. -0.00 min
 Lab File: VY000314.D
 Acq: 15 Oct 2019 12:54

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1015SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
85	45.4	36.6	55.0
151	74.8	63.1	94.7

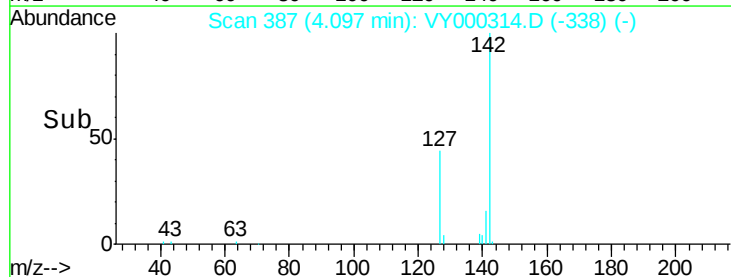
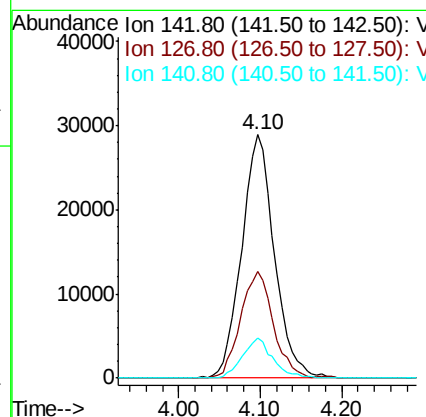
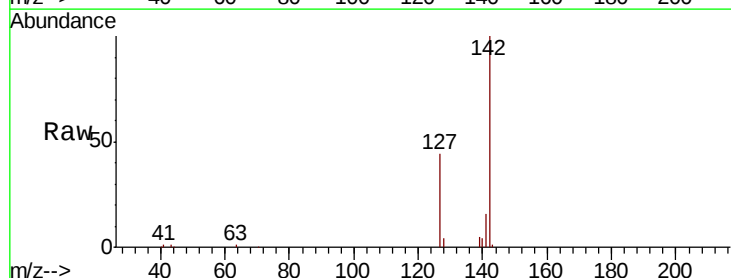
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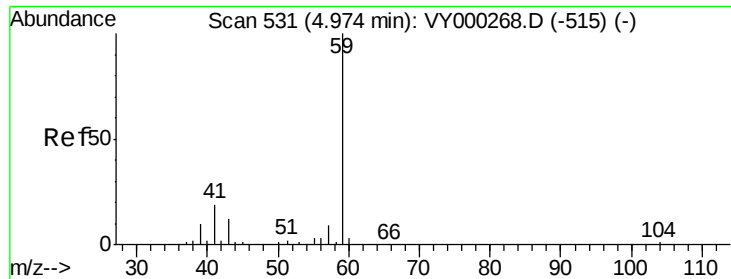
MMDadoda
 10/18/2019 12:40:21 AM



#10
 Methyl Iodide
 Concen: 18.927 ug/l
 RT: 4.10 min Scan# 387
 Delta R.T. 0.00 min
 Lab File: VY000314.D
 Acq: 15 Oct 2019 12:54

Tgt Ion	Ratio	Lower	Upper
142	100		
127	43.5	33.9	50.9
141	15.3	11.2	16.8





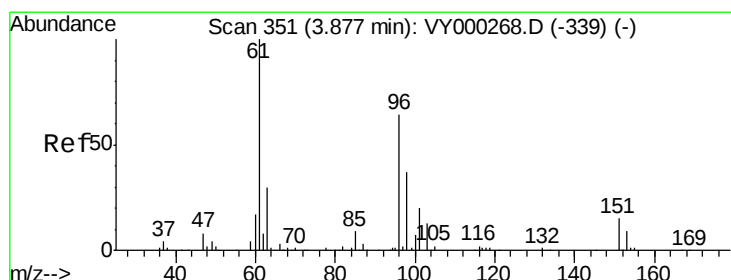
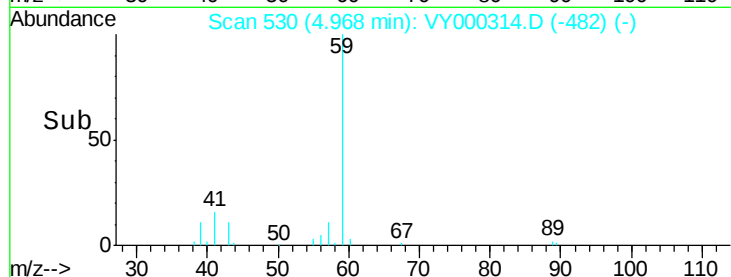
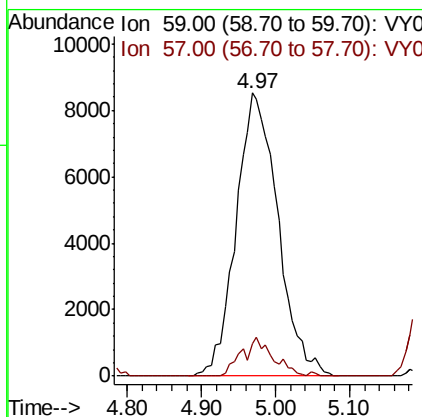
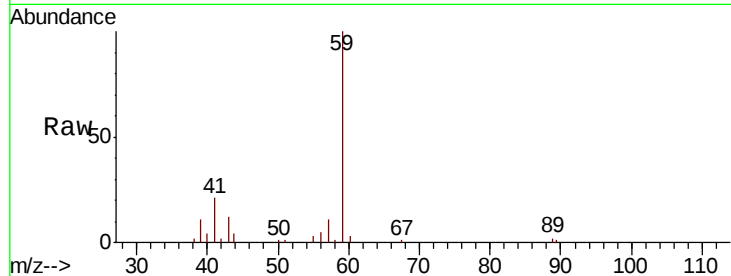
#11
Tert butyl alcohol
Concen: 99.524 ug/l
RT: 4.97 min Scan# 530
Delta R.T. -0.01 min
Lab File: VY000314.D
Acq: 15 Oct 2019 12:54

Instrument :
MSVOA_Y
ClientSampleId :
VY1015SBS01

Tot Ion: 59 Resp: 33460
Ion Ratio Lower Upper
59 100
57 10.3 8.2 12.2

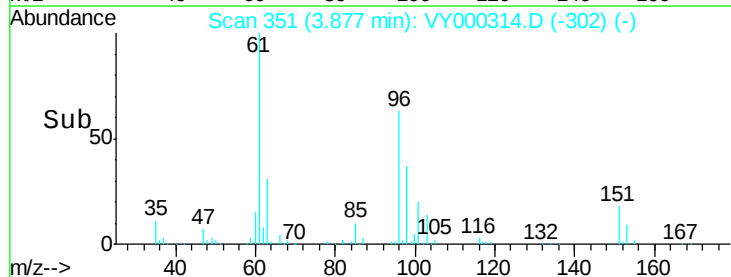
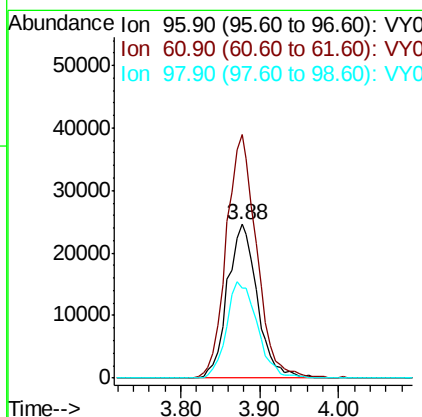
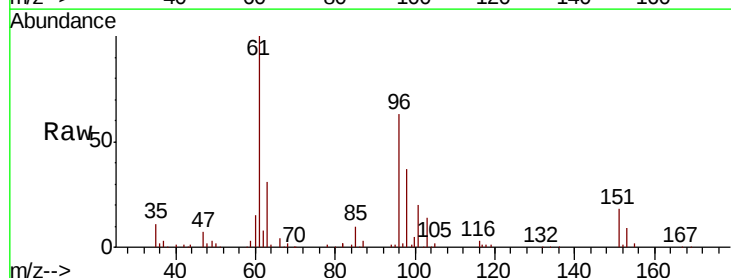
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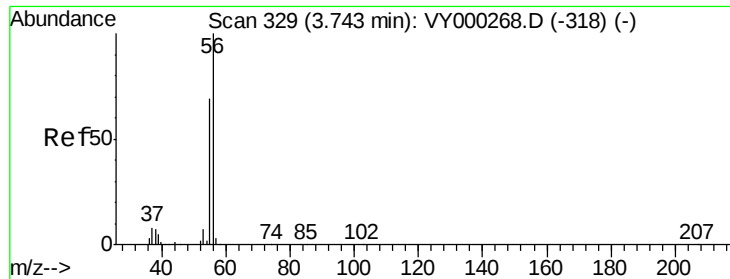
MMDadoda
10/18/2019 12:40:21 AM



#12
1,1-Dichloroethene
Concen: 21.078 ug/l
RT: 3.88 min Scan# 351
Delta R.T. -0.00 min
Lab File: VY000314.D
Acq: 15 Oct 2019 12:54

Tgt Ion: 96 Resp: 64834
Ion Ratio Lower Upper
96 100
61 158.5 125.8 188.6
98 58.4 46.2 69.2





#13

Acrolein

Concen: 90.961 ug/l

RT: 3.74 min Scan# 328

Delta R.T. -0.01 min

Lab File: VY000314.D

Acq: 15 Oct 2019 12:54

Instrument :

MSVOA_Y

ClientSampleId :

VY1015SBS01

Tot Ion: 56 Resp: 35853

Ion Ratio Lower Upper

56 100

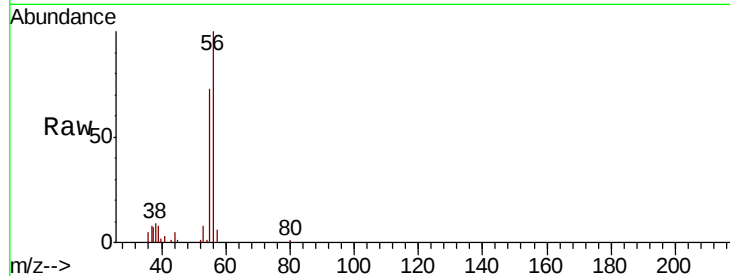
55 71.1 55.7 83.5

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Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

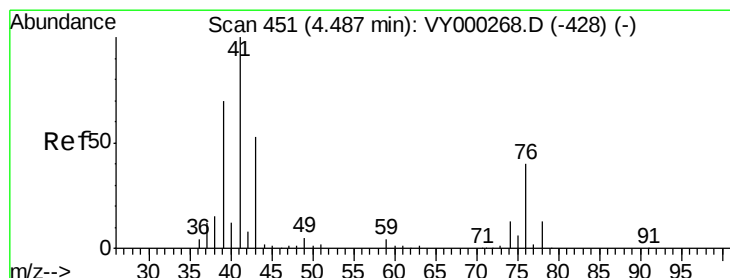
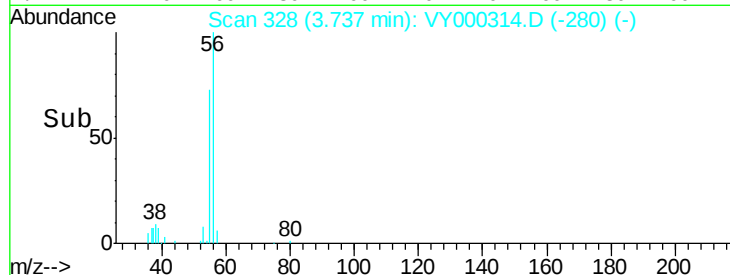
15000

10000

5000

0

Time-->



#14

Allyl chloride

Concen: 21.205 ug/l

RT: 4.49 min Scan# 452

Delta R.T. 0.01 min

Lab File: VY000314.D

Acq: 15 Oct 2019 12:54

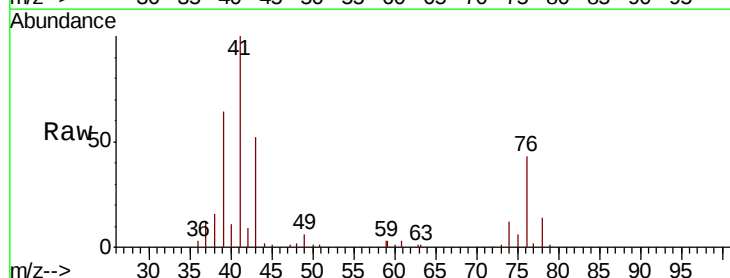
Tgt Ion: 41 Resp: 108090

Ion Ratio Lower Upper

41 100

39 65.2 54.0 81.0

76 38.4 30.7 46.1



Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0

40000

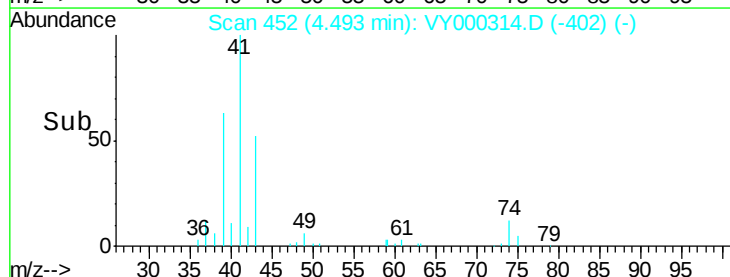
30000

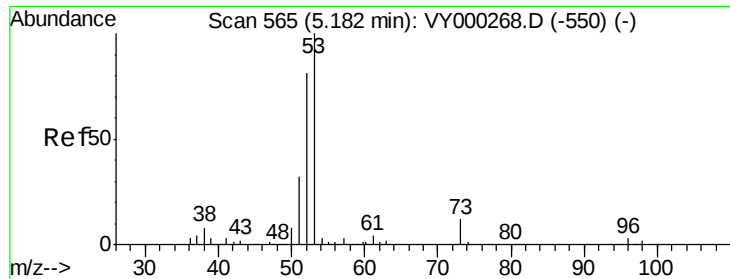
20000

10000

0

Time-->





#15

Acrylonitrile

Concen: 99.740 ug/l

RT: 5.18 min Scan# 565

Delta R.T. -0.00 min

Lab File: VY000314.D

Acq: 15 Oct 2019 12:54

Instrument :

MSVOA_Y

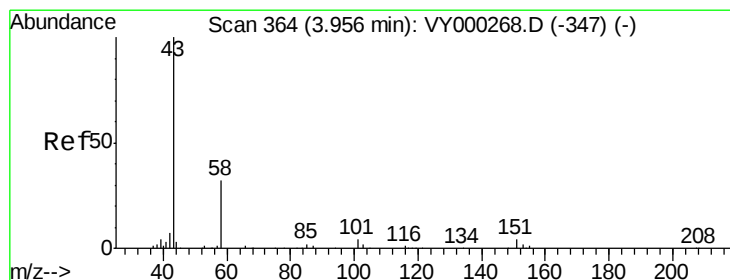
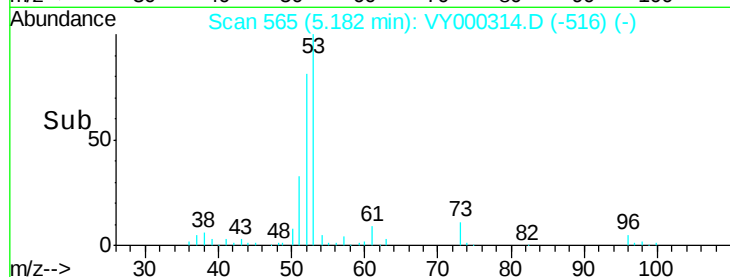
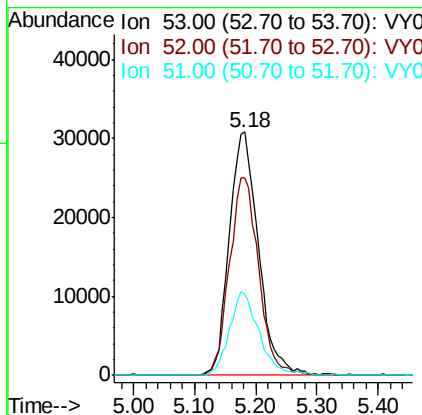
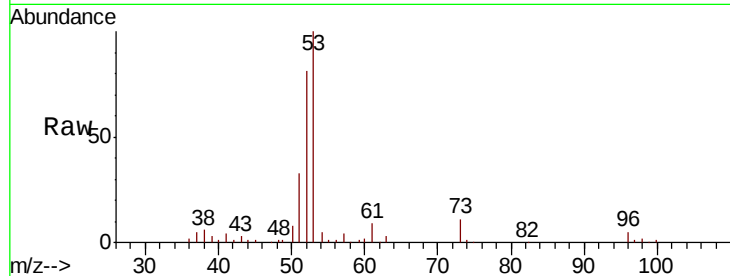
ClientSampleId :

VY1015SBS01

Tot Ion	53	Resp	101323
Ion	Ratio	Lower	Upper
53	100		
52	81.1	62.9	94.3
51	34.9	26.9	40.3

Manual Integrations
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#16

Acetone

Concen: 84.351 ug/l

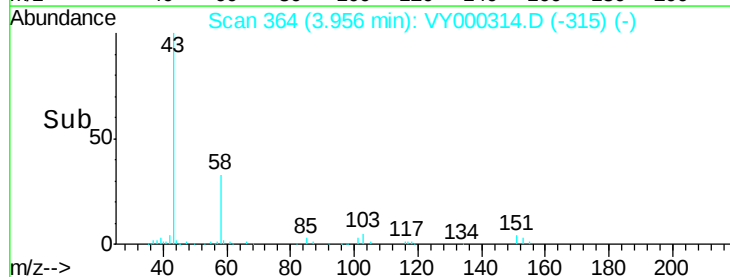
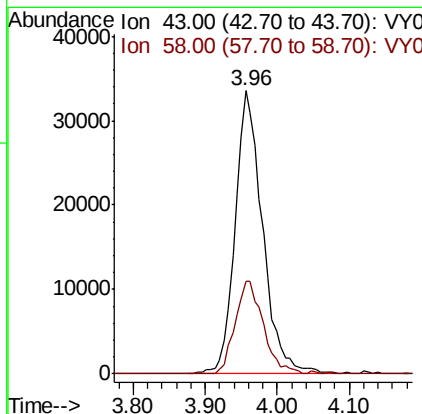
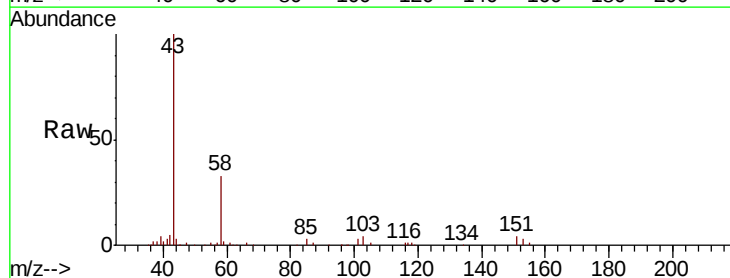
RT: 3.96 min Scan# 364

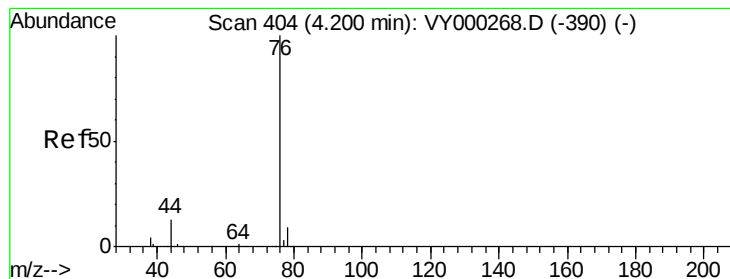
Delta R.T. -0.00 min

Lab File: VY000314.D

Acq: 15 Oct 2019 12:54

Tgt Ion	43	Resp	87757
Ion	Ratio	Lower	Upper
43	100		
58	32.4	25.8	38.6





#17

Carbon Disulfide

Concen: 20.401 ug/l

RT: 4.20 min Scan# 404

Delta R.T. -0.00 min

Lab File: VY000314.D

Acq: 15 Oct 2019 12:54

Instrument :

MSVOA_Y

ClientSampleId :

VY1015SBS01

Tot Ion: 76 Resp: 197574

Ion Ratio Lower Upper

76 100

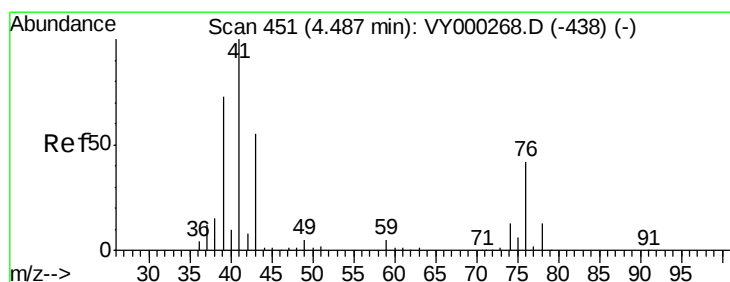
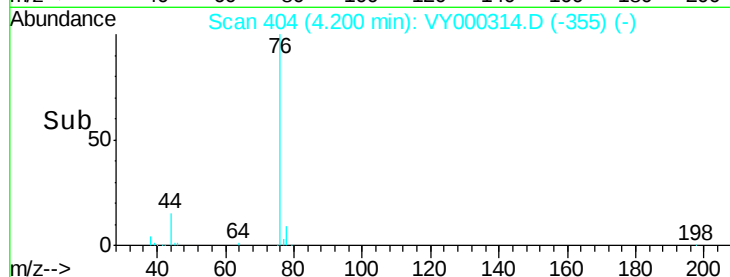
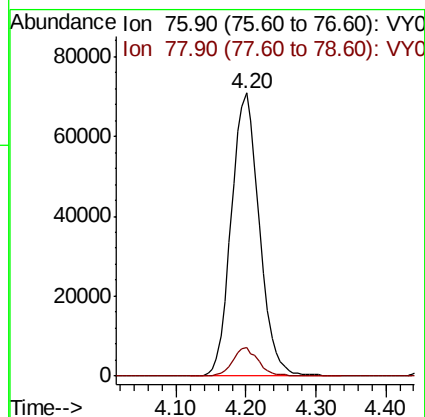
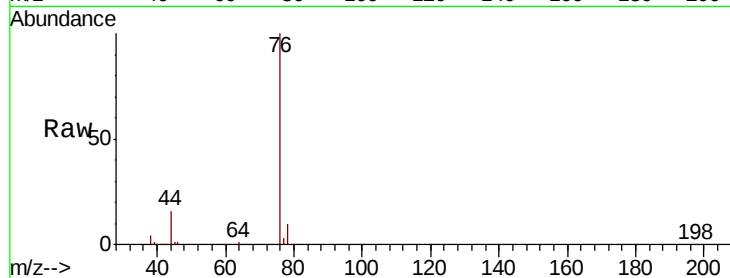
78 10.0 7.0 10.4

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#18

Methyl Acetate

Concen: 20.408 ug/l

RT: 4.49 min Scan# 452

Delta R.T. 0.01 min

Lab File: VY000314.D

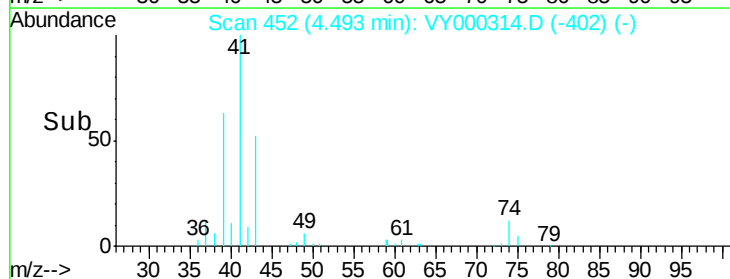
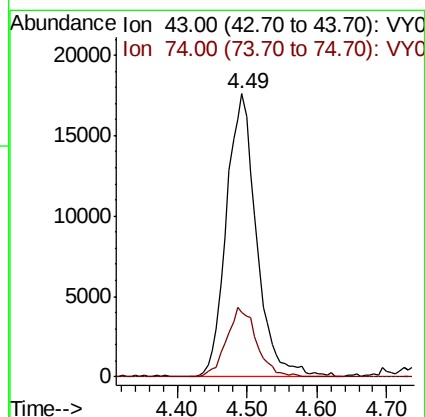
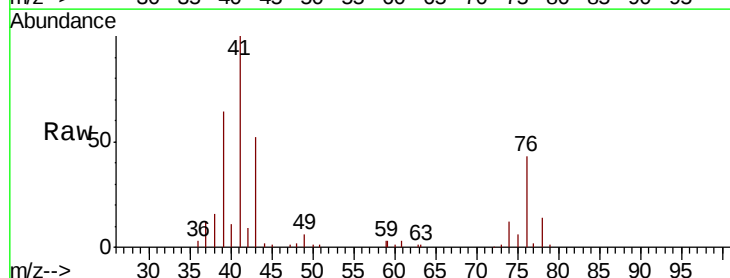
Acq: 15 Oct 2019 12:54

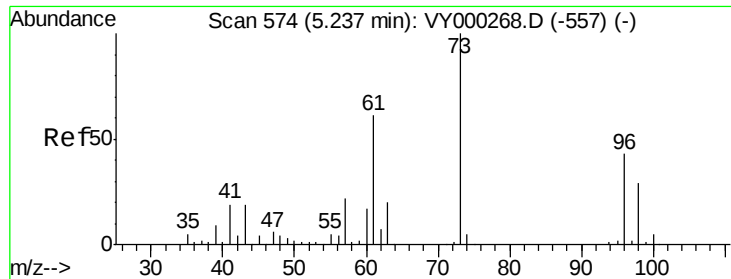
Tgt Ion: 43 Resp: 52754

Ion Ratio Lower Upper

43 100

74 24.4 20.4 30.6





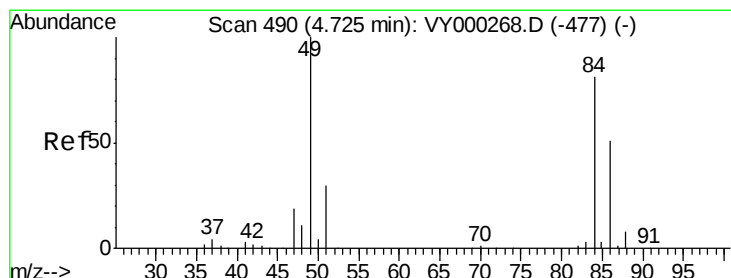
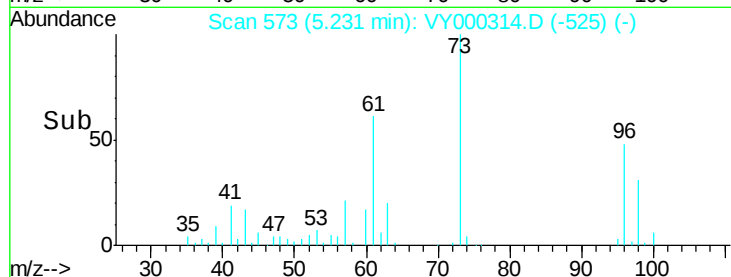
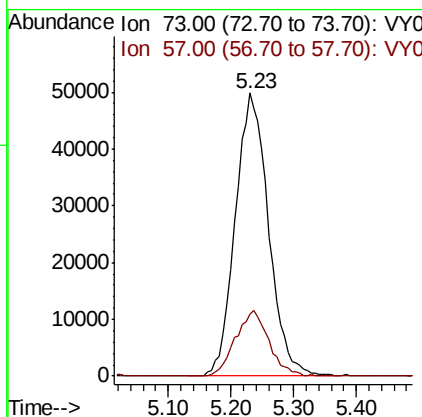
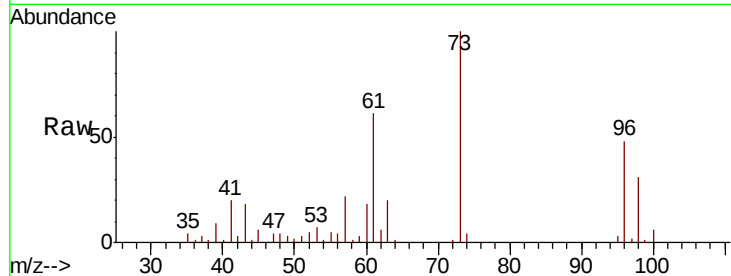
#19
Methvl tert-butvl Ether
Concen: 21.339 ug/l
RT: 5.23 min Scan# 573
Delta R.T. -0.01 min
Lab File: VY000314.D
Acq: 15 Oct 2019 12:54

Instrument :
MSVOA_Y
ClientSampleId :
VY1015SBS01

Tot Ion: 73 Resp: 182720
Ion Ratio Lower Upper
73 100
57 21.8 17.4 26.0

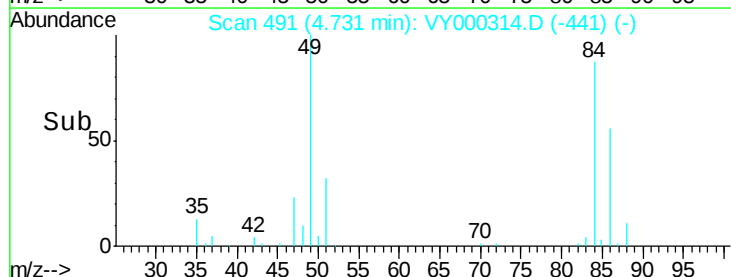
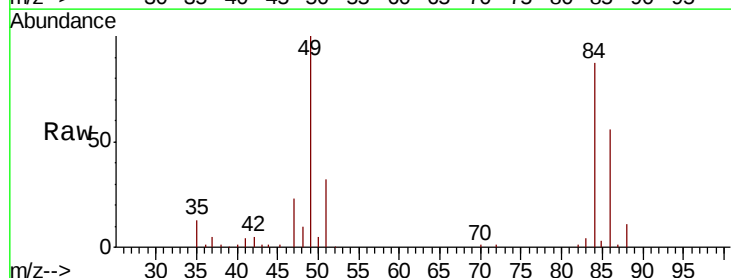
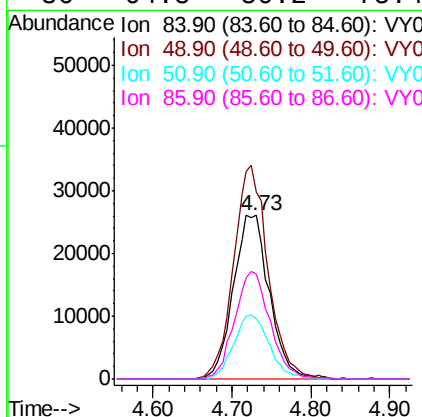
Manual Integrations
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10/18/2019 12:40:21 AM



#20
Methylene Chloride
Concen: 20.307 ug/l
RT: 4.73 min Scan# 491
Delta R.T. 0.01 min
Lab File: VY000314.D
Acq: 15 Oct 2019 12:54

Tgt Ion: 84 Resp: 82501
Ion Ratio Lower Upper
84 100
49 114.3 99.0 148.4
51 36.4 29.3 43.9
86 64.5 50.2 75.4





#21

trans-1,2-Dichloroethene

Concen: 20.724 ug/l

RT: 5.23 min Scan# 573

Delta R.T. 0.01 min

Lab File: VY000314.D

Acq: 15 Oct 2019 12:54

Instrument :

MSVOA_Y

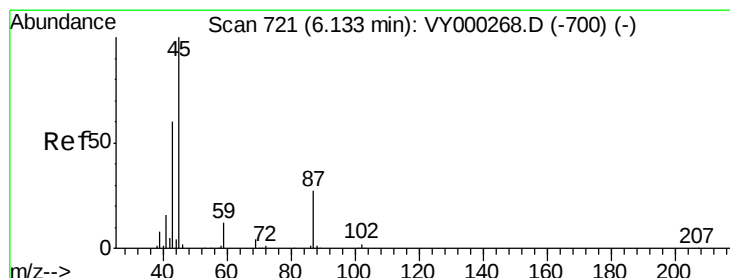
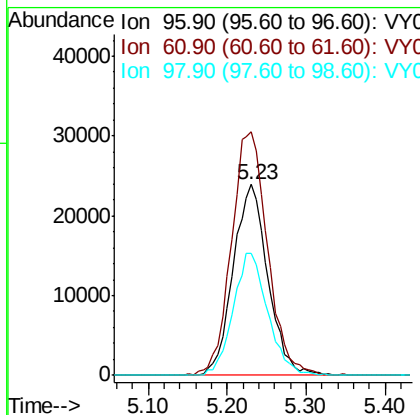
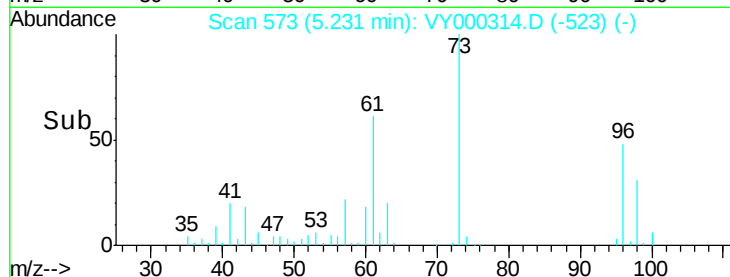
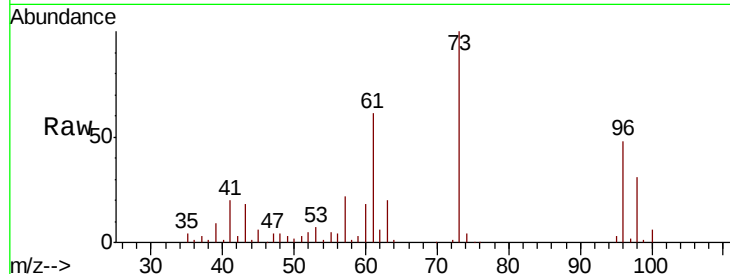
ClientSampleId :

VY1015SBS01

Tot Ion:	96	Resp:	73136
Ion	Ratio	Lower	Upper
96	100		
61	127.5	100.4	150.6
98	63.9	44.6	66.8

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#22

Diisopropyl ether

Concen: 21.467 ug/l

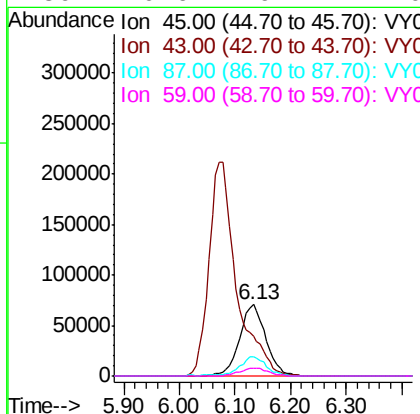
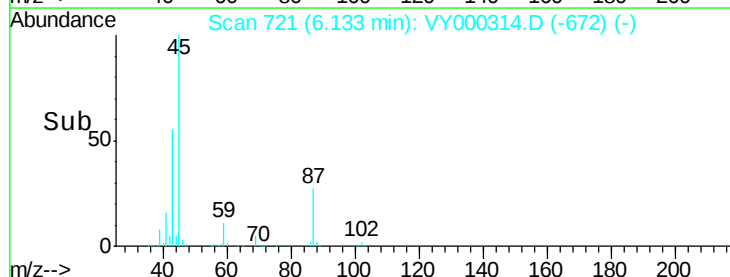
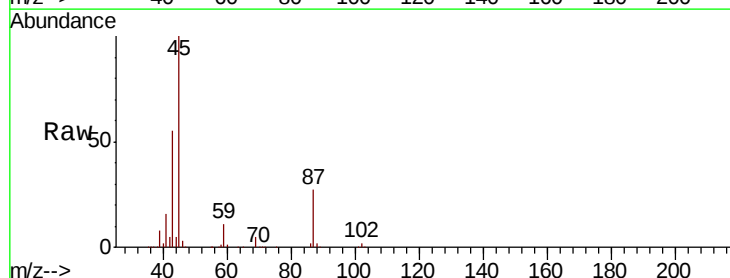
RT: 6.13 min Scan# 721

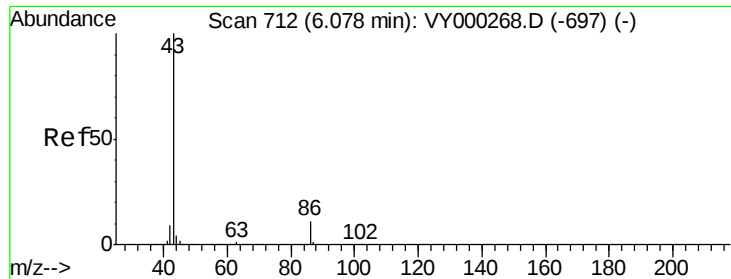
Delta R.T. -0.00 min

Lab File: VY000314.D

Acq: 15 Oct 2019 12:54

Tgt Ion:	45	Resp:	231436
Ion	Ratio	Lower	Upper
45	100		
43	55.1	48.5	72.7
87	27.2	21.5	32.3
59	10.6	9.4	14.0





#23

Vinyl Acetate

Concen: 103.782 ug/l

RT: 6.08 min Scan# 712

Delta R.T. -0.00 min

Lab File: VY000314.D

Acq: 15 Oct 2019 12:54

Instrument :

MSVOA_Y

ClientSampleId :

VY1015SBS01

Tot Ion: 43 Resp: 729942

Ion Ratio Lower Upper

43 100

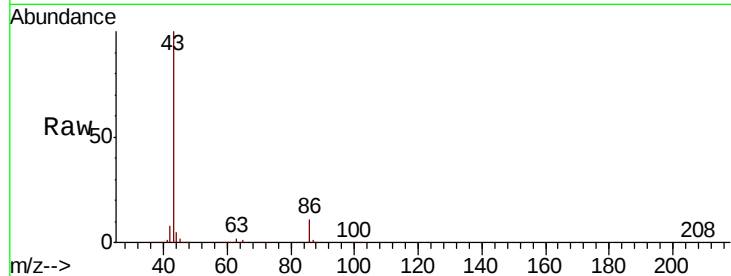
86 10.5 8.6 13.0

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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

250000

200000

150000

100000

50000

0

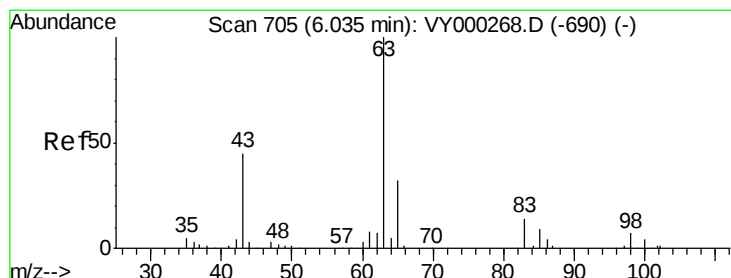
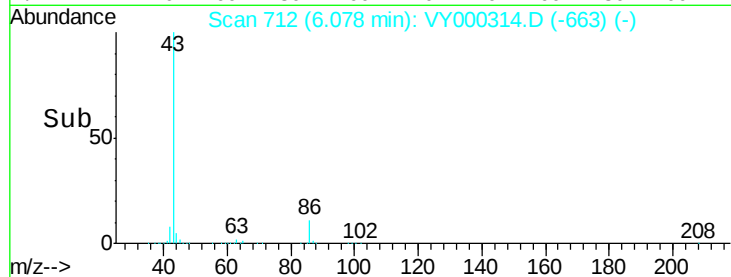
6.08

6.10

6.20

6.30

Time-->



#24

1,1-Dichloroethane

Concen: 21.225 ug/l

RT: 6.03 min Scan# 704

Delta R.T. -0.01 min

Lab File: VY000314.D

Acq: 15 Oct 2019 12:54

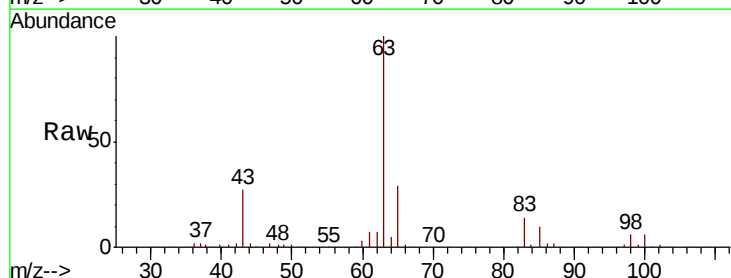
Tgt Ion: 63 Resp: 124901

Ion Ratio Lower Upper

63 100

98 6.2 3.5 10.4

100 5.8 2.1 6.2



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0

50000

40000

30000

20000

10000

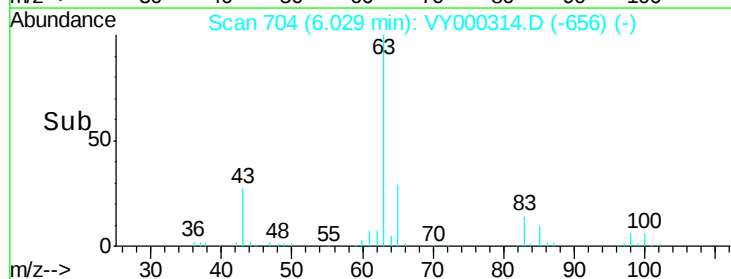
0

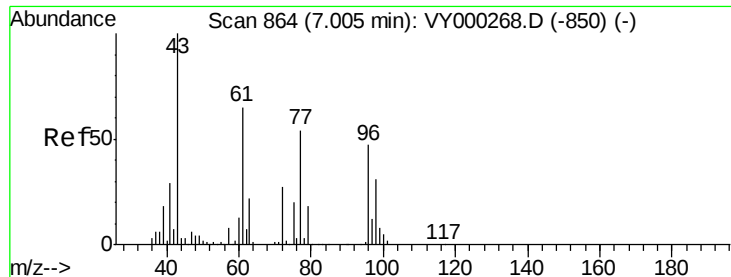
6.03

6.10

6.20

Time-->





#25

2-Butanone

Concen: 97.664 ug/l

RT: 7.00 min Scan# 864

Delta R.T. -0.00 min

Lab File: VY000314.D

Acq: 15 Oct 2019 12:54

Instrument :

MSVOA_Y

ClientSampleId :

VY1015SBS01

Tot Ion: 43 Resp: 143132

Ion Ratio Lower Upper

43 100

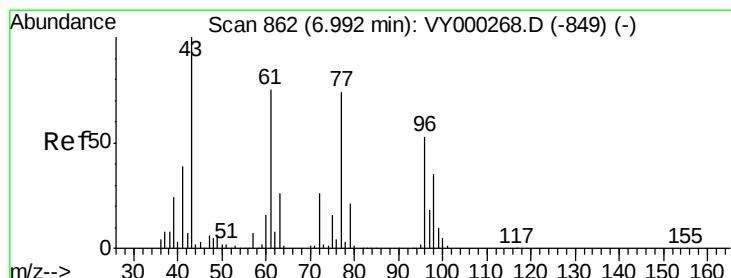
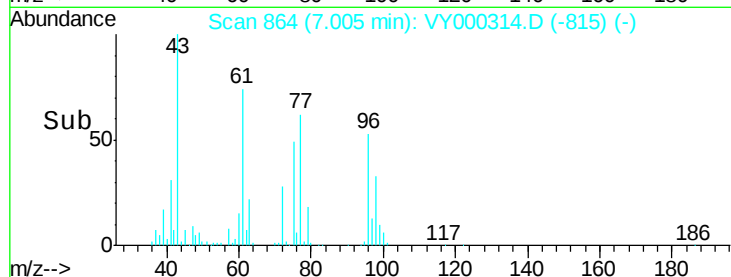
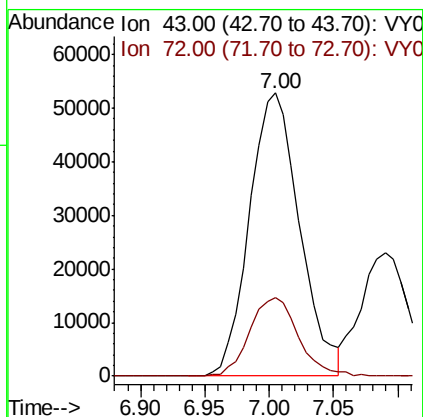
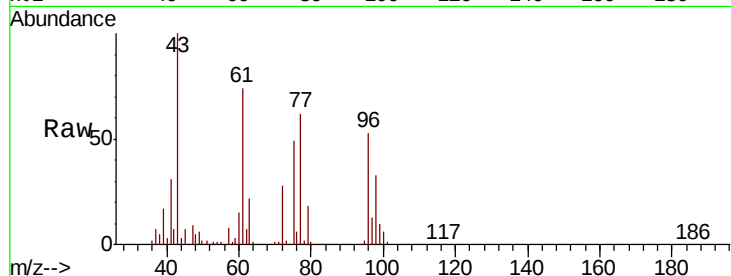
72 28.0 21.4 32.2

Manual Integrations

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MMDadoda

10/18/2019 12:40:21 AM



#26

2,2-Dichloropropane

Concen: 21.417 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.00 min

Lab File: VY000314.D

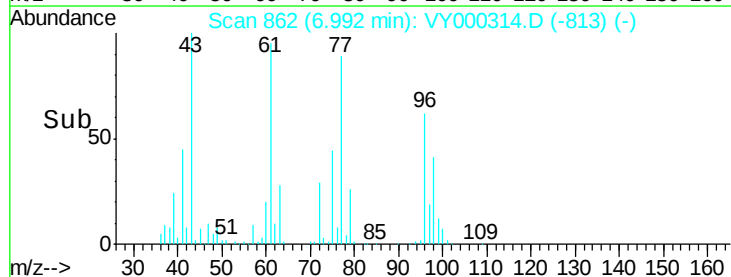
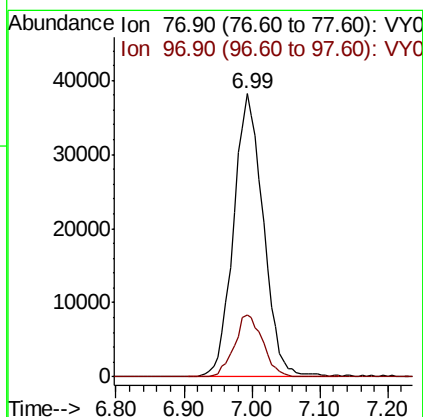
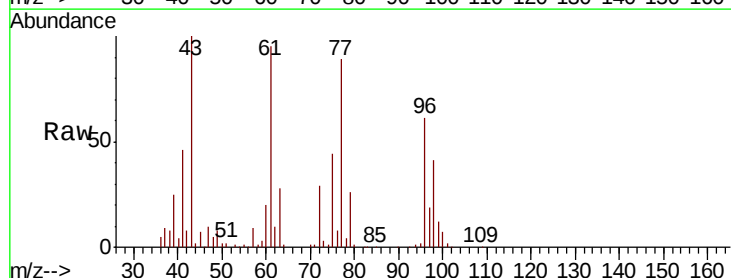
Acq: 15 Oct 2019 12:54

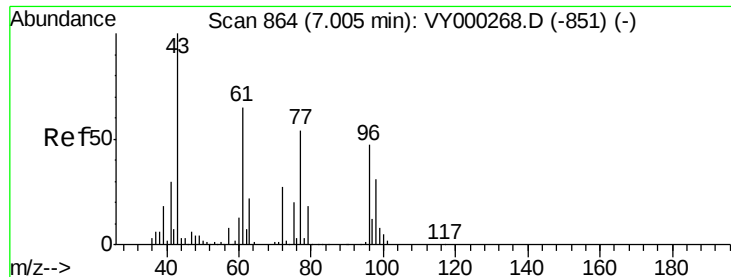
Tgt Ion: 77 Resp: 116136

Ion Ratio Lower Upper

77 100

97 20.8 11.6 34.7





#27

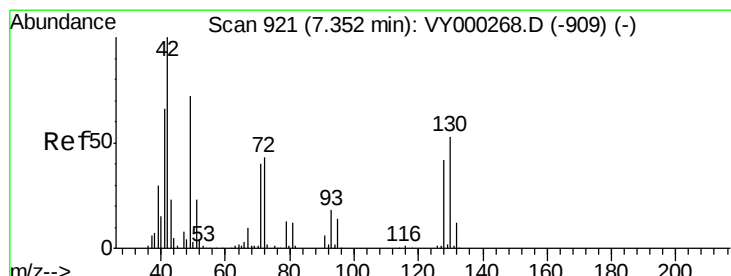
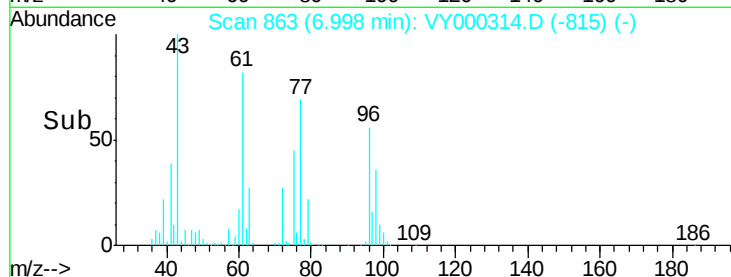
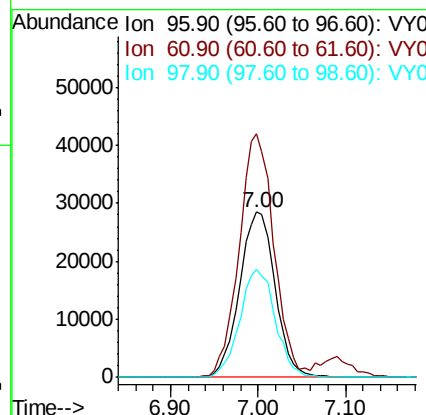
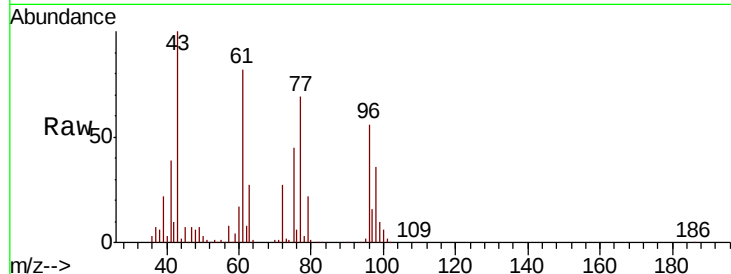
cis-1,2-Dichloroethene
Concen: 21.069 ug/l
RT: 7.00 min Scan# 863
Delta R.T. -0.01 min
Lab File: VY000314.D
Acq: 15 Oct 2019 12:54

Instrument :
MSVOA_Y
ClientSampleId :
VY1015SBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	144.7	0.0	289.8	
98	65.0	0.0	131.8	

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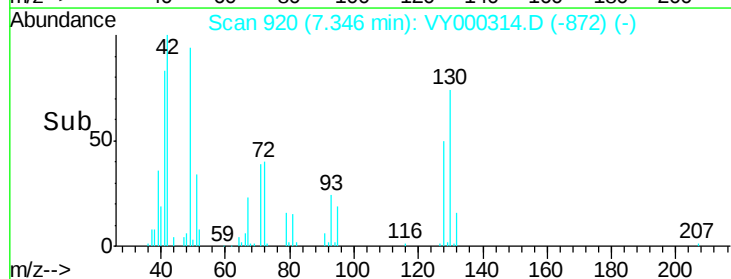
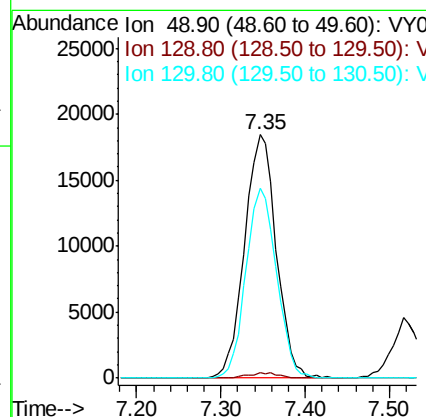
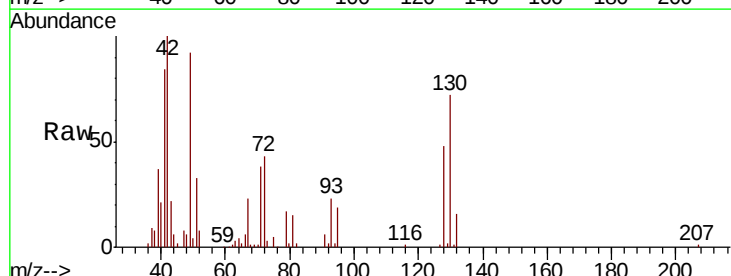
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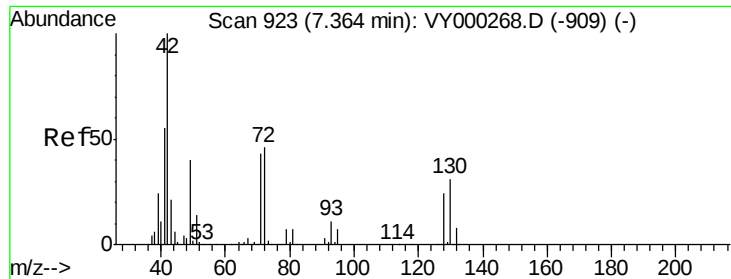


#28

Bromochloromethane
Concen: 18.538 ug/l
RT: 7.35 min Scan# 920
Delta R.T. -0.01 min
Lab File: VY000314.D
Acq: 15 Oct 2019 12:54

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.1	0.0	4.0	
130	75.5	58.2	87.2	





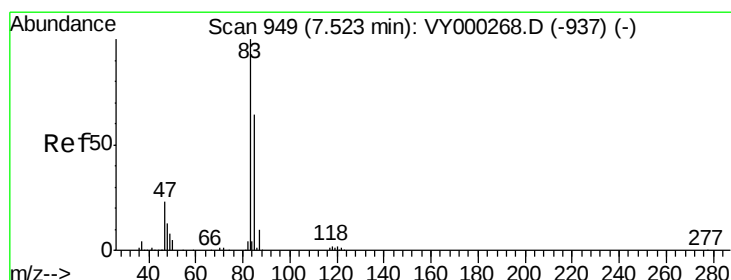
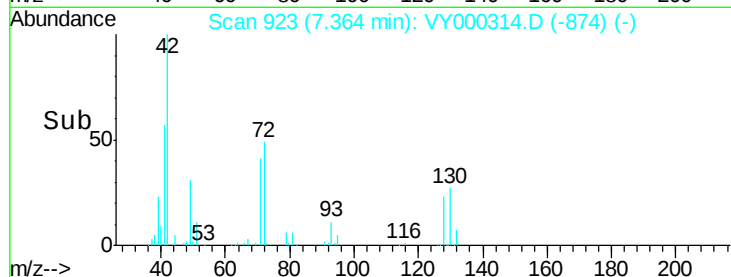
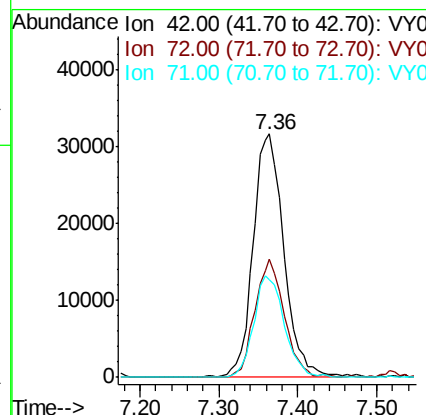
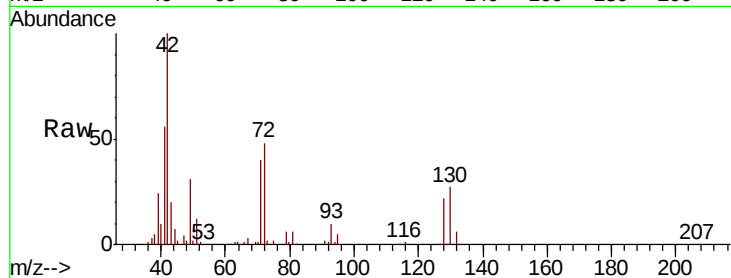
#29
Tetrahydrofuran
Concen: 96.534 ug/l
RT: 7.36 min Scan# 923
Delta R.T. -0.00 min
Lab File: VY000314.D
Acq: 15 Oct 2019 12:54

Instrument :
MSVOA_Y
ClientSampleId :
VY1015SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.1	34.5	51.7
71	41.3	32.7	49.1

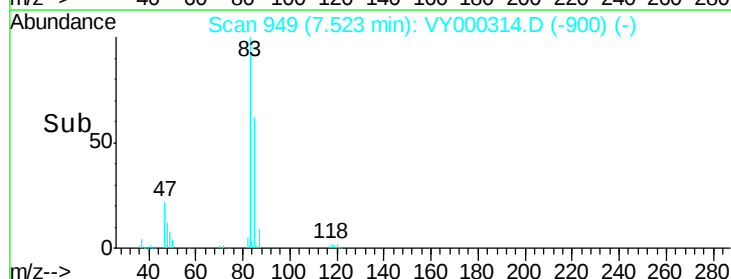
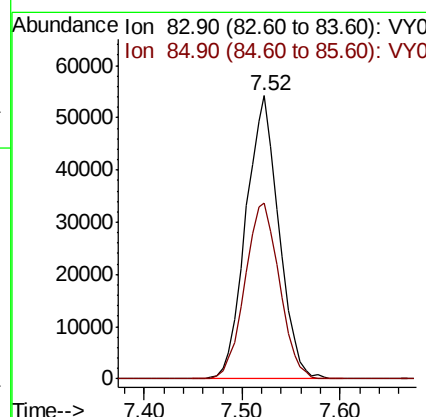
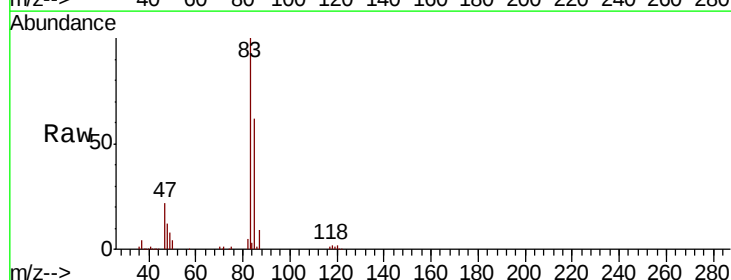
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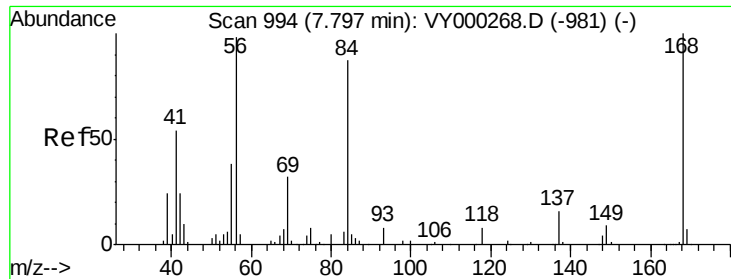
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#30
Chloroform
Concen: 21.369 ug/l
RT: 7.52 min Scan# 949
Delta R.T. -0.00 min
Lab File: VY000314.D
Acq: 15 Oct 2019 12:54

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.1	51.4	77.2





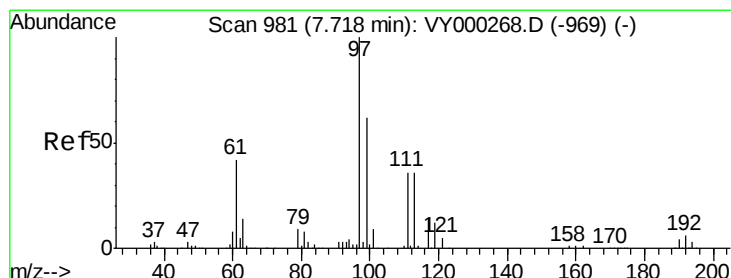
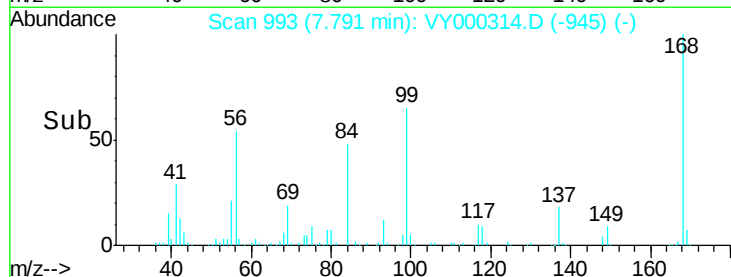
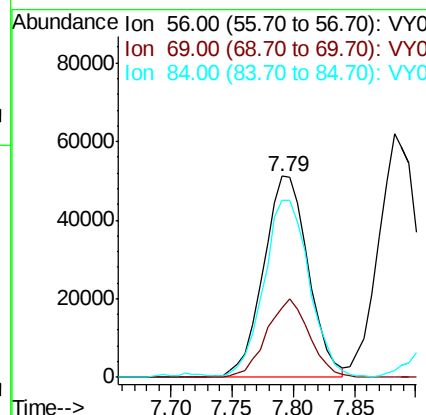
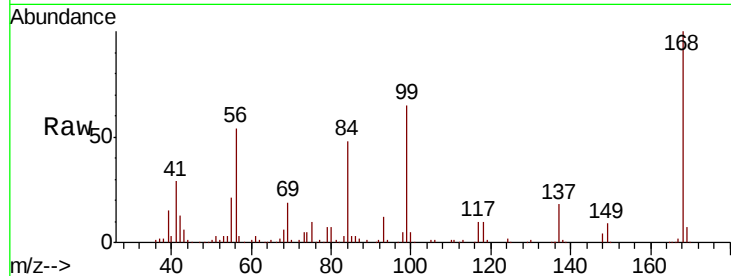
#31
Cyclohexane
Concen: 21.257 ug/l
RT: 7.79 min Scan# 993
Delta R.T. -0.01 min
Lab File: VY000314.D
Acq: 15 Oct 2019 12:54

Instrument :
MSVOA_Y
ClientSampleId :
VY1015SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	34.9	26.3	39.5
84	86.6	70.8	106.2

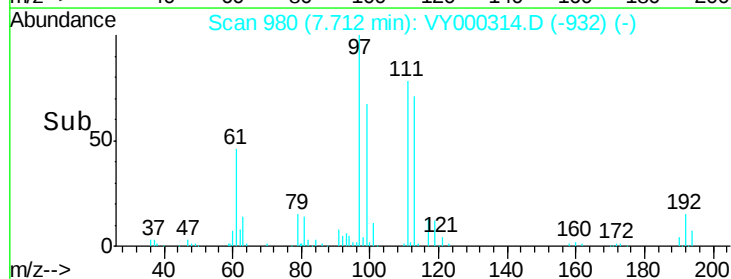
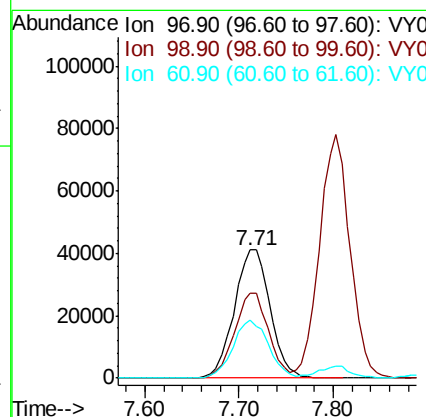
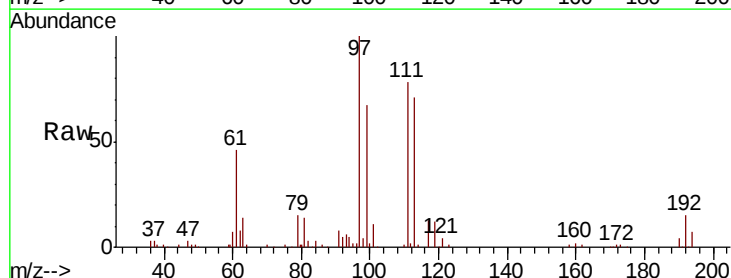
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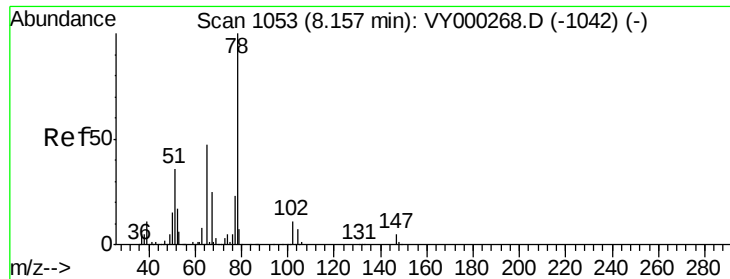
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#32
1,1,1-Trichloroethane
Concen: 20.670 ug/l
RT: 7.71 min Scan# 980
Delta R.T. -0.01 min
Lab File: VY000314.D
Acq: 15 Oct 2019 12:54

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.0	51.7	77.5
61	44.7	34.5	51.7





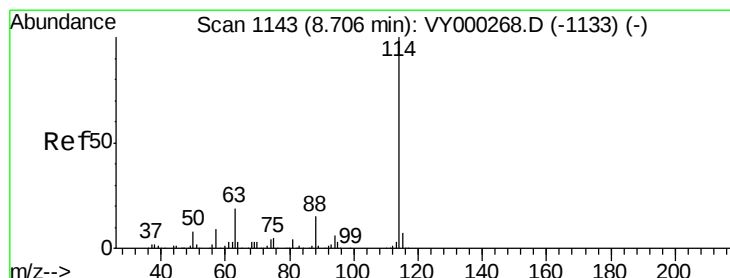
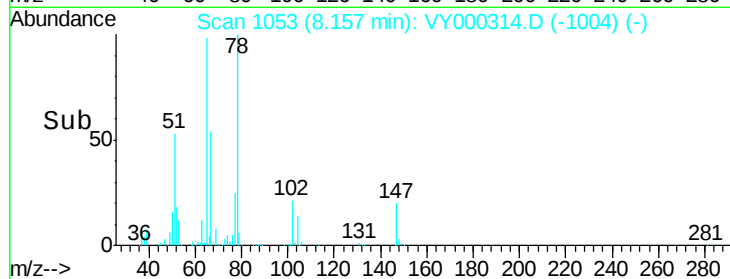
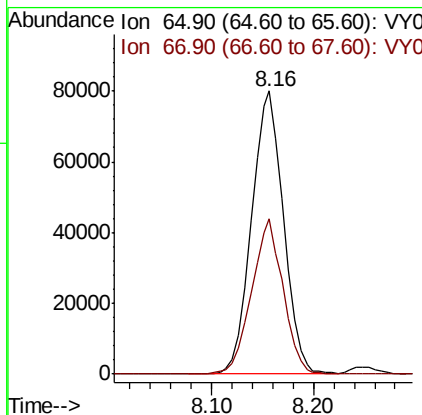
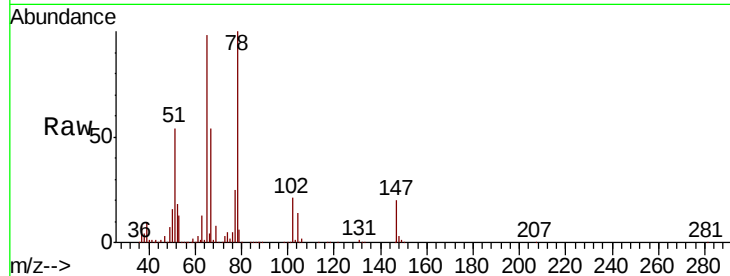
#33
 1,2-Dichloroethane-d4
 Concen: 54.155 ug/l
 RT: 8.16 min Scan# 1053
 Delta R.T. -0.00 min
 Lab File: VY000314.D
 Acq: 15 Oct 2019 12:54

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1015SBS01

Tot Ion	Ratio	Lower	Upper
65	100		
67	54.1	0.0	109.4

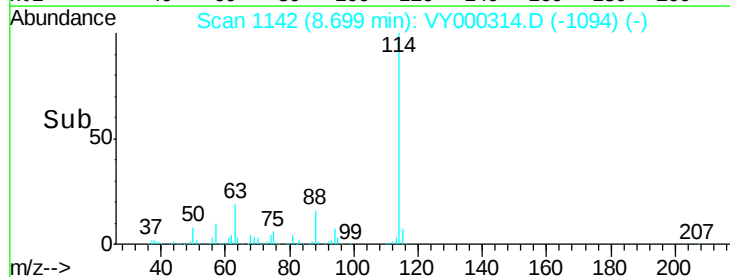
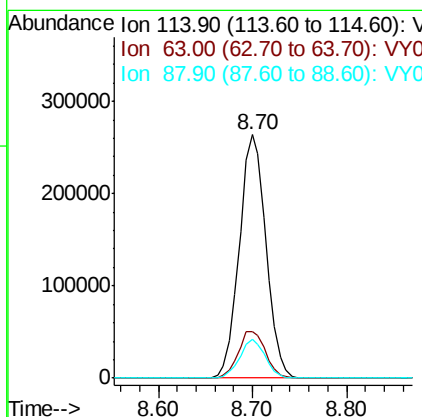
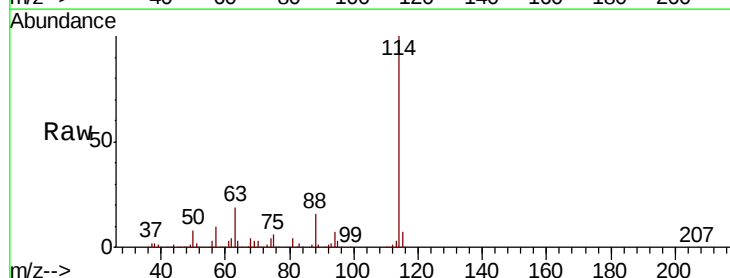
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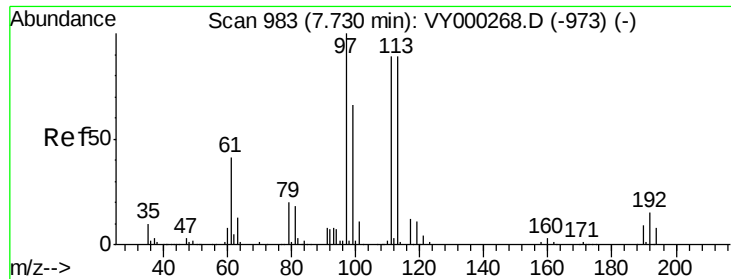
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: VY000314.D
 Acq: 15 Oct 2019 12:54

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.3	0.0	37.2
88	15.7	0.0	30.2





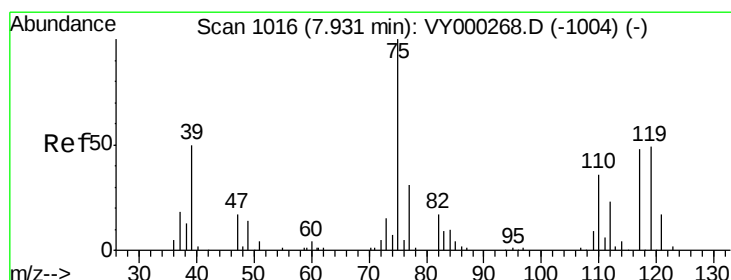
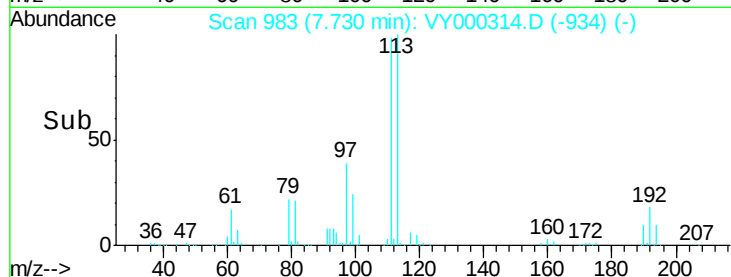
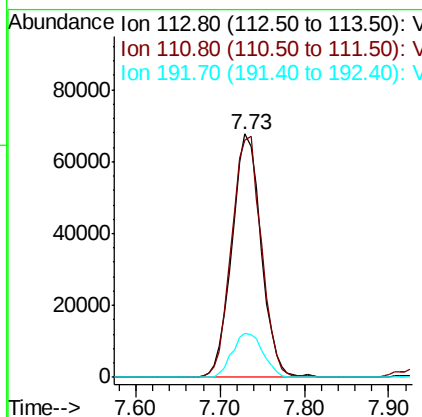
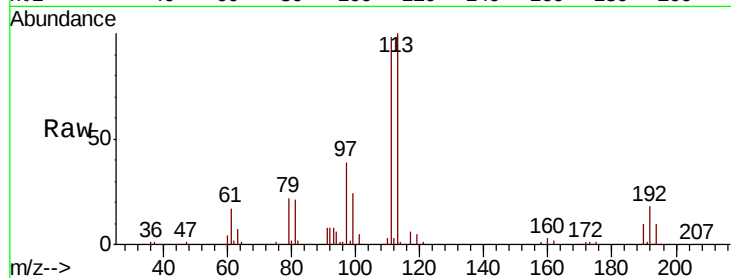
#35
 Dibromofluoromethane
 Concen: 50.410 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.00 min
 Lab File: VY000314.D
 Acq: 15 Oct 2019 12:54

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1015SBS01

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.2	81.6	122.4
192	19.0	15.3	22.9

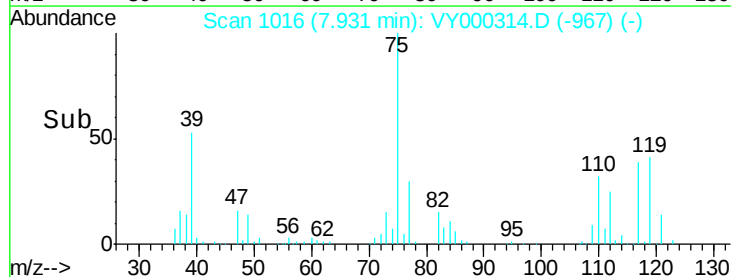
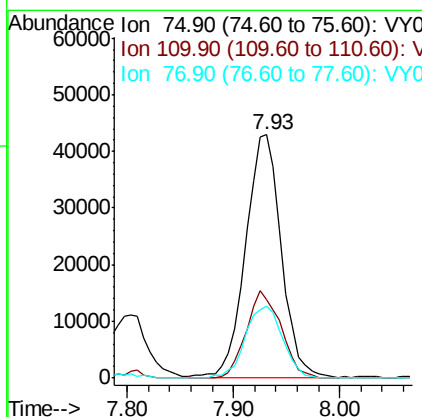
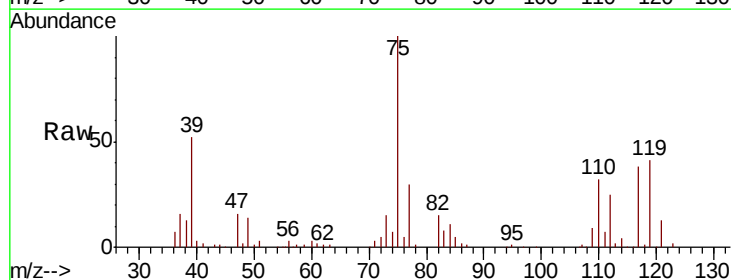
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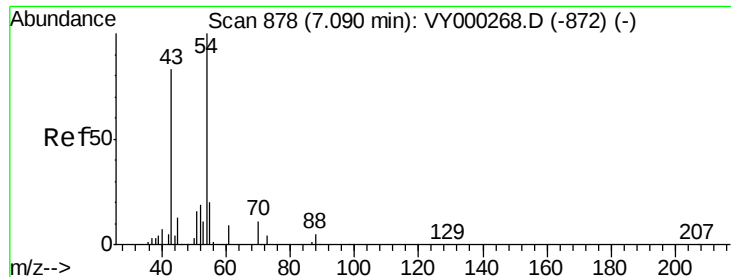
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#36
 1,1-Dichloropropene
 Concen: 19.642 ug/l
 RT: 7.93 min Scan# 1016
 Delta R.T. -0.00 min
 Lab File: VY000314.D
 Acq: 15 Oct 2019 12:54

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.2	18.4	55.4
77	31.6	25.0	37.6





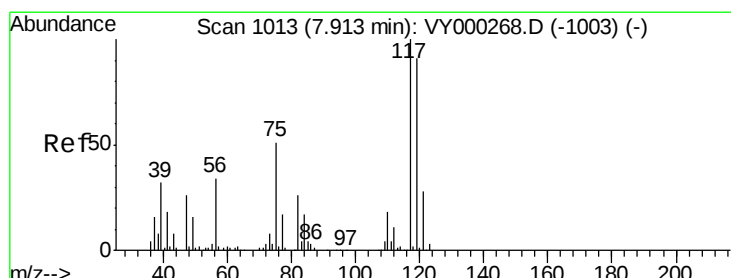
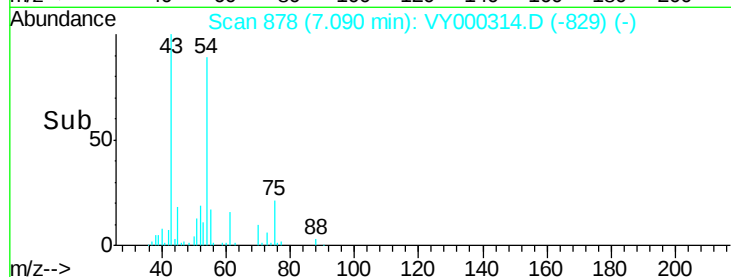
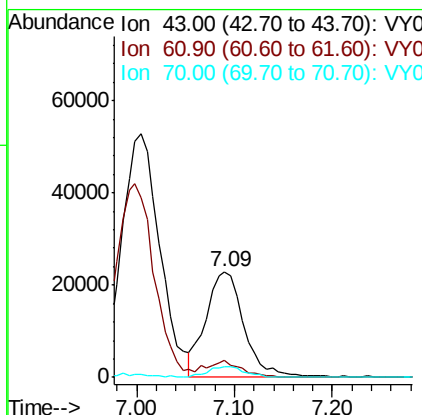
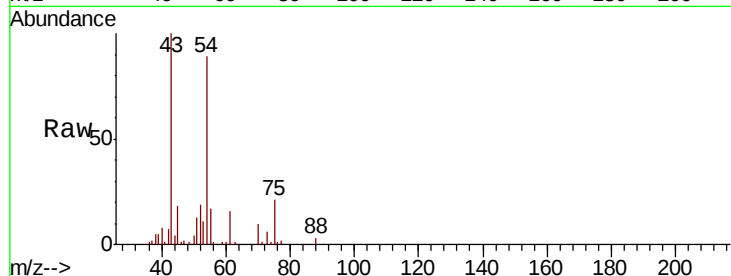
#37
Ethyl Acetate
Concen: 20.399 ug/l
RT: 7.09 min Scan# 878
Delta R.T. -0.00 min
Lab File: VY000314.D
Acq: 15 Oct 2019 12:54

Instrument :
MSVOA_Y
ClientSampleId :
VY1015SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.9	12.1	18.1
70	10.3	8.7	13.1

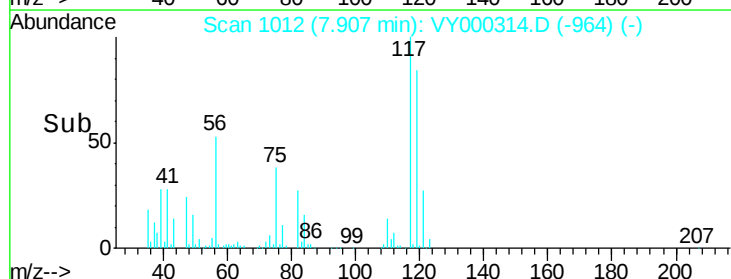
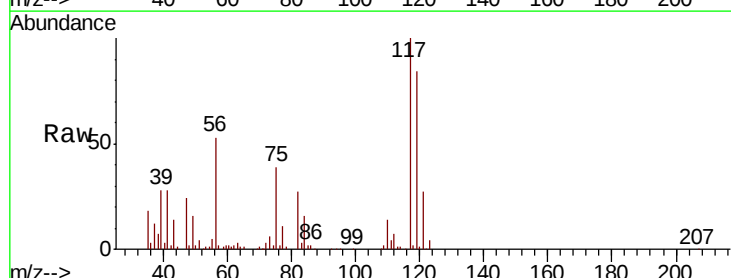
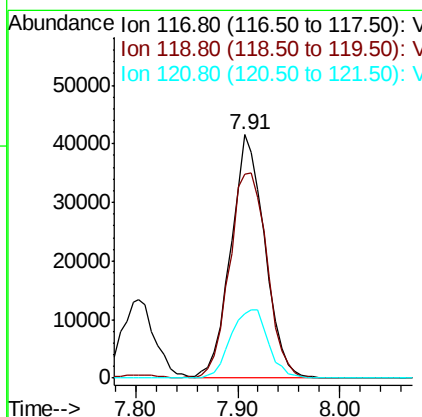
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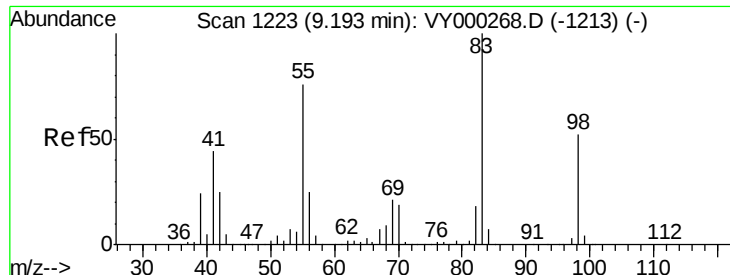
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#38
Carbon Tetrachloride
Concen: 19.407 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.01 min
Lab File: VY000314.D
Acq: 15 Oct 2019 12:54

Tgt Ion	Ratio	Lower	Upper
117	100		
119	83.8	72.8	109.2
121	26.7	22.2	33.2





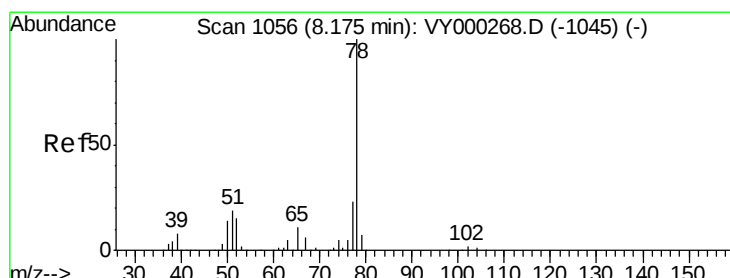
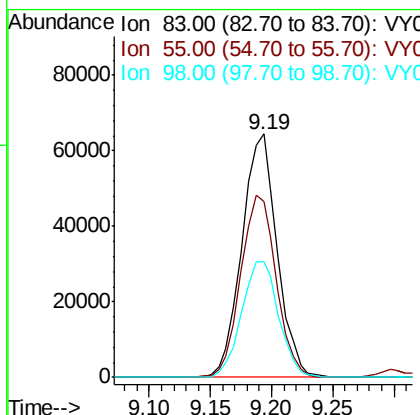
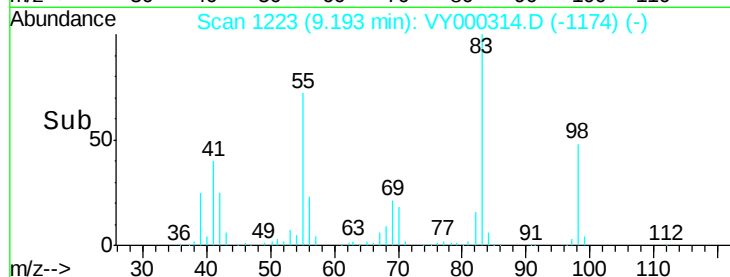
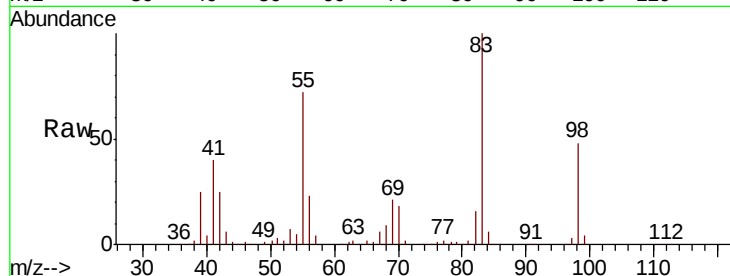
#39
Methvlcvclohexane
Concen: 19.375 ug/l
RT: 9.19 min Scan# 1223
Delta R.T. -0.00 min
Lab File: VY000314.D
Acq: 15 Oct 2019 12:54

Instrument :
MSVOA_Y
ClientSampleId :
VY1015SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	72.3	60.9	91.3
98	47.7	41.8	62.6

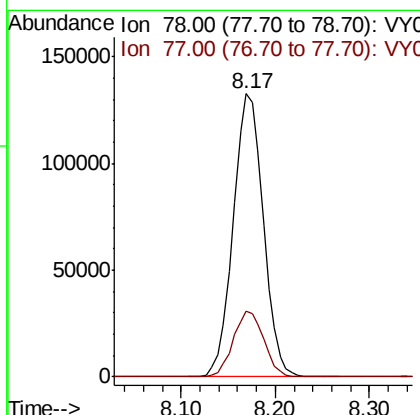
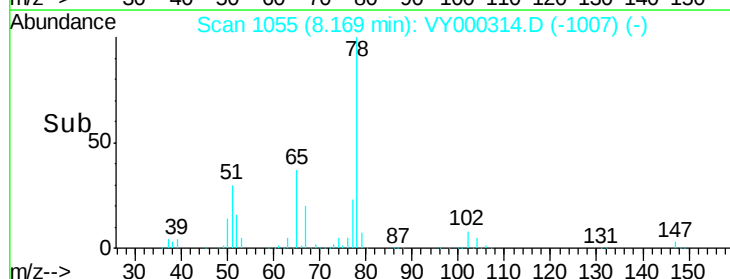
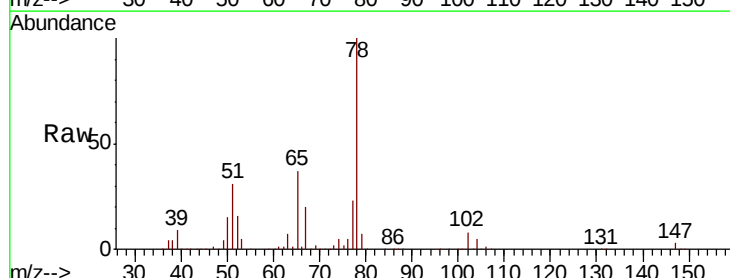
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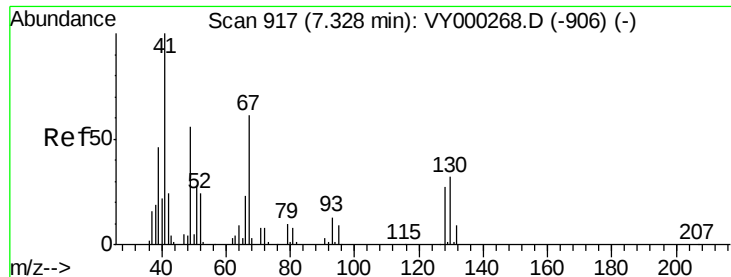
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#40
Benzene
Concen: 20.055 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.01 min
Lab File: VY000314.D
Acq: 15 Oct 2019 12:54

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.3	18.8	28.2





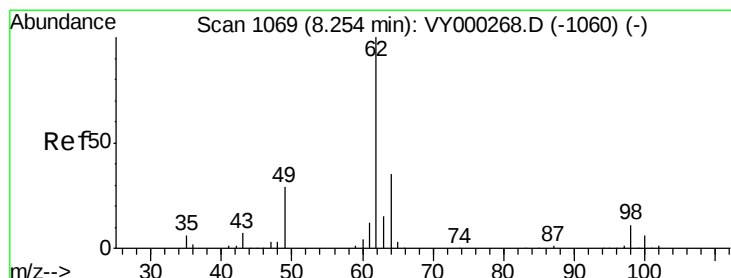
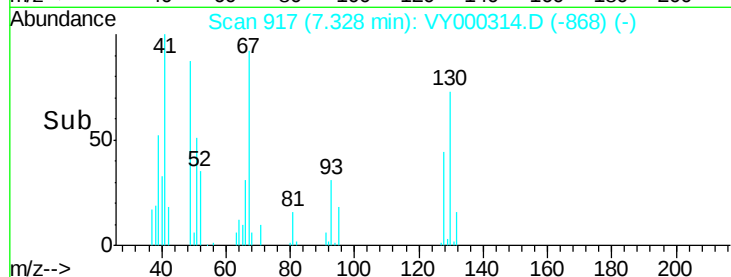
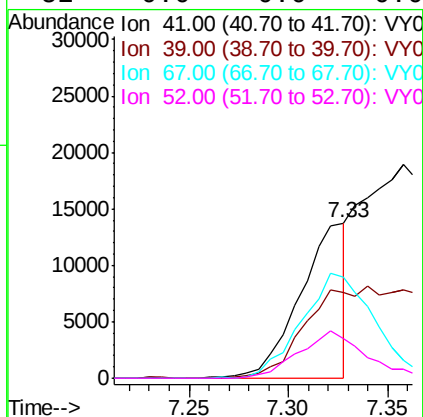
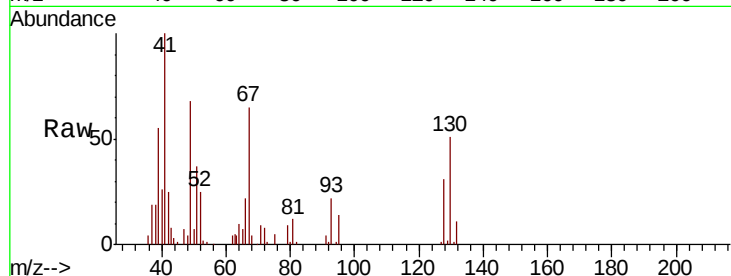
#41
Methacrylonitrile
Concen: 15.729 ug/l m
RT: 7.33 min Scan# 917
Delta R.T. -0.00 min
Lab File: VY000314.D
Acq: 15 Oct 2019 12:54

Instrument :
MSVOA_Y
ClientSampleId :
VY1015SBS01

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

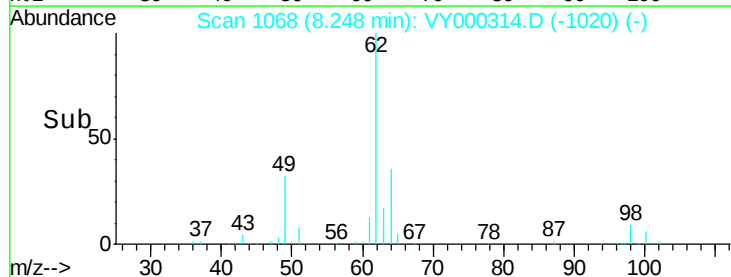
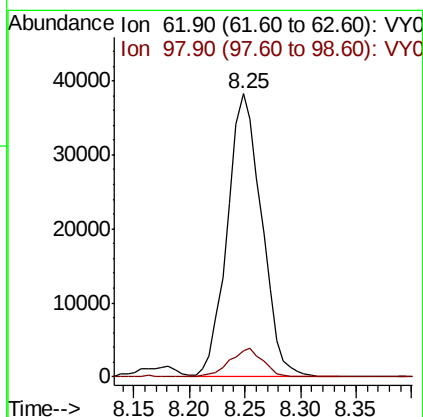
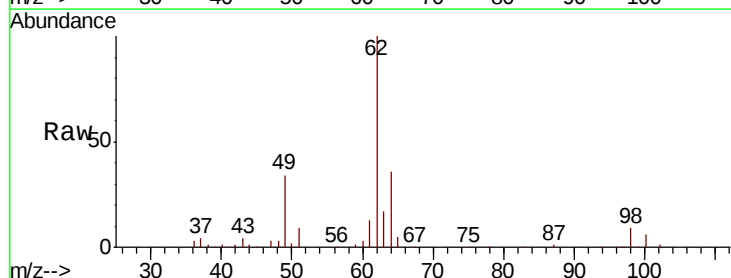
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#42
1,2-Dichloroethane
Concen: 19.483 ug/l
RT: 8.25 min Scan# 1068
Delta R.T. -0.01 min
Lab File: VY000314.D
Acq: 15 Oct 2019 12:54

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	20.6





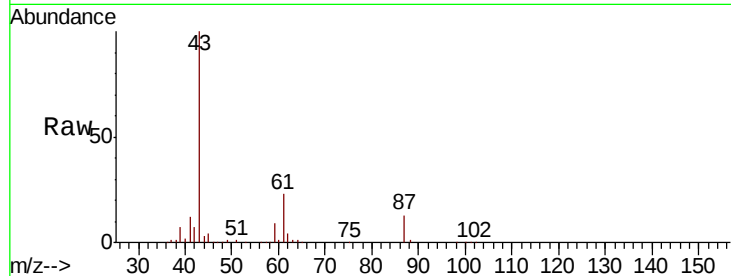
#43
Isopropyl Acetate
Concen: 19.172 ug/l
RT: 8.28 min Scan# 1074
Delta R.T. -0.01 min
Lab File: VY000314.D
Acq: 15 Oct 2019 12:54

Instrument :
MSVOA_Y
ClientSampleId :
VY1015SBS01

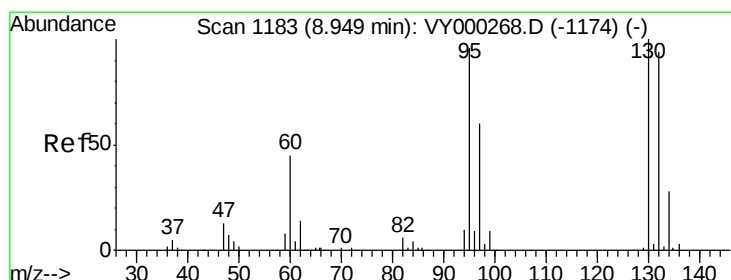
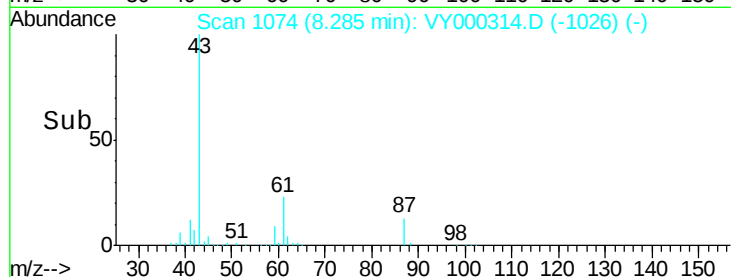
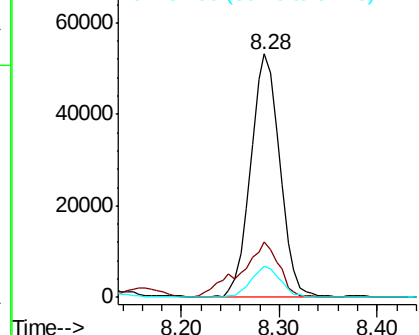
Tot Ion	Ratio	Lower	Upper
43	100		
61	30.3	22.3	33.5
87	13.0	10.9	16.3

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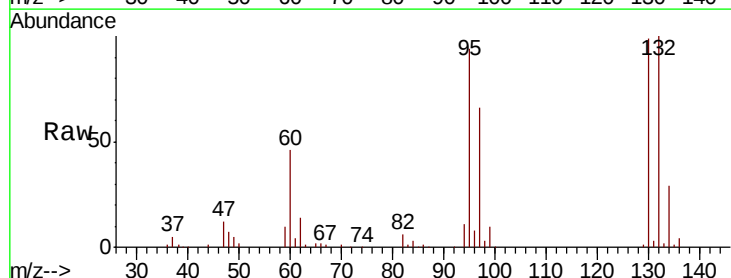


Abundance Ion 43.00 (42.70 to 43.70): VY000314.D (-1026) (-)
Ion 61.00 (60.70 to 61.70): VY000314.D (-1026) (-)
Ion 87.00 (86.70 to 87.70): VY000314.D (-1026) (-)

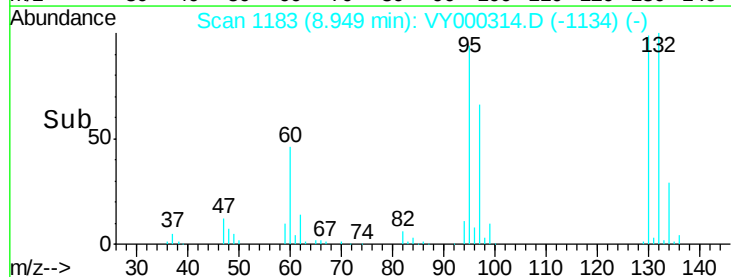
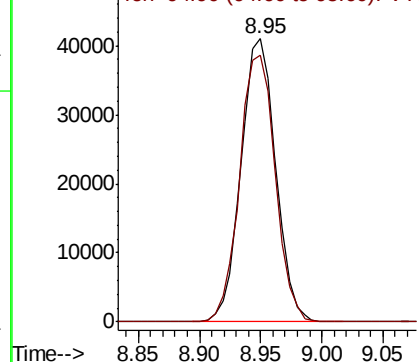


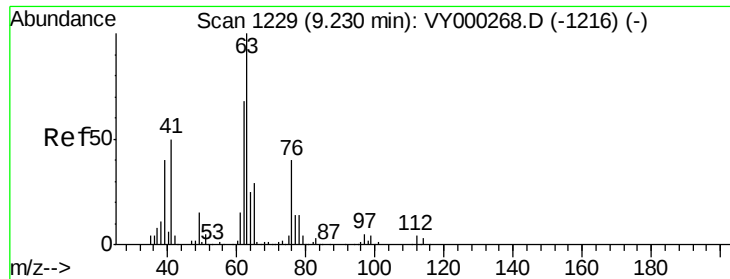
#44
Trichloroethene
Concen: 19.524 ug/l
RT: 8.95 min Scan# 1183
Delta R.T. -0.00 min
Lab File: VY000314.D
Acq: 15 Oct 2019 12:54

Tgt Ion	Ratio	Lower	Upper
130	100		
95	94.4	0.0	191.4



Abundance Ion 129.80 (129.50 to 130.50): VY000314.D (-1134) (-)
Ion 94.90 (94.60 to 95.60): VY000314.D (-1134) (-)





#45

1,2-Dichloropropane

Concen: 19.743 ug/l

RT: 9.22 min Scan# 1228

Delta R.T. -0.01 min

Lab File: VY000314.D

Acq: 15 Oct 2019 12:54

Instrument :

MSVOA_Y

ClientSampleId :

VY1015SBS01

Tot Ion: 63 Resp: 71307

Ion Ratio Lower Upper

63 100

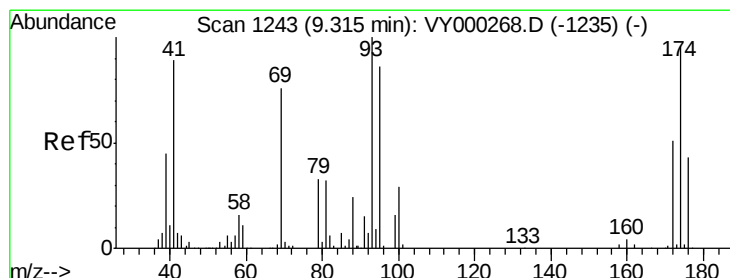
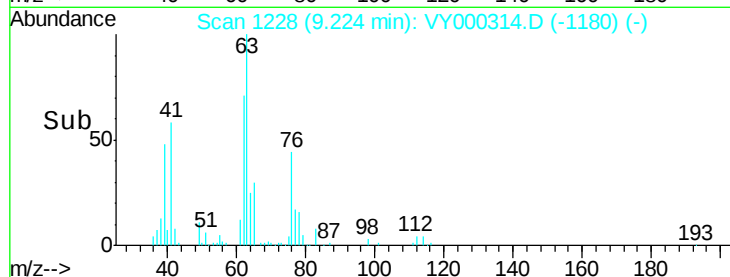
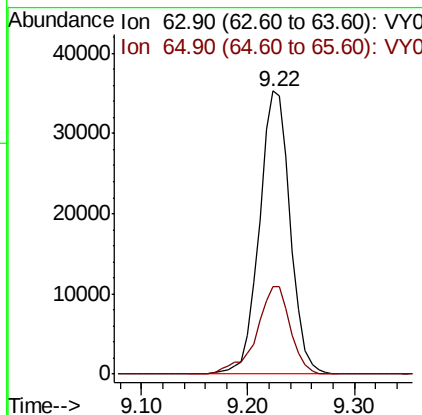
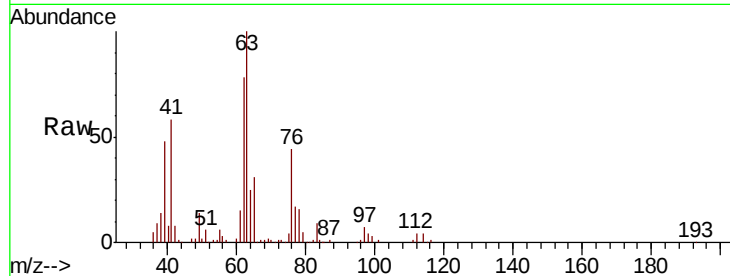
65 30.8 23.2 34.8

Manual Integrations

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#46

Dibromomethane

Concen: 20.372 ug/l

RT: 9.32 min Scan# 1243

Delta R.T. -0.00 min

Lab File: VY000314.D

Acq: 15 Oct 2019 12:54

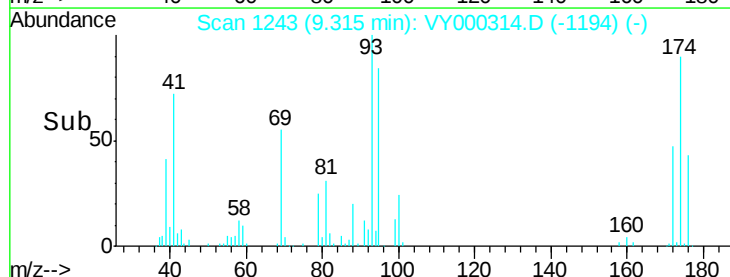
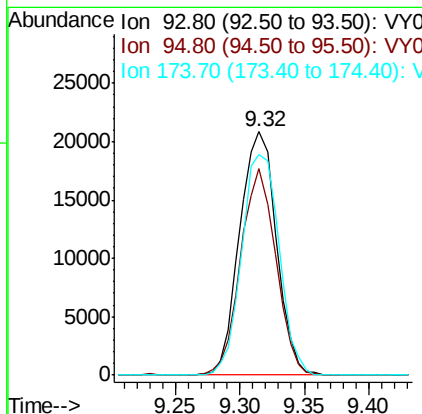
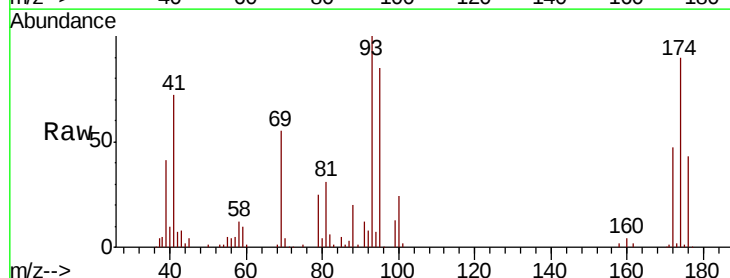
Tgt Ion: 93 Resp: 41131

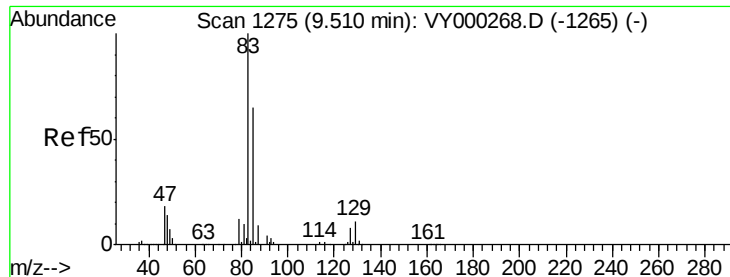
Ion Ratio Lower Upper

93 100

95 81.7 68.2 102.2

174 92.4 79.8 119.6





#47

Bromodichloromethane

Concen: 20.104 ug/l

RT: 9.50 min Scan# 1274

Delta R.T. -0.01 min

Lab File: VY000314.D

Acq: 15 Oct 2019 12:54

Instrument :

MSVOA_Y

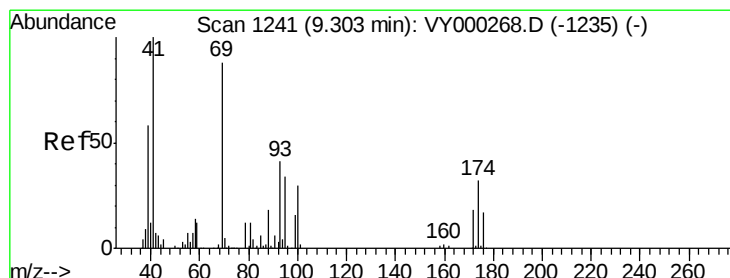
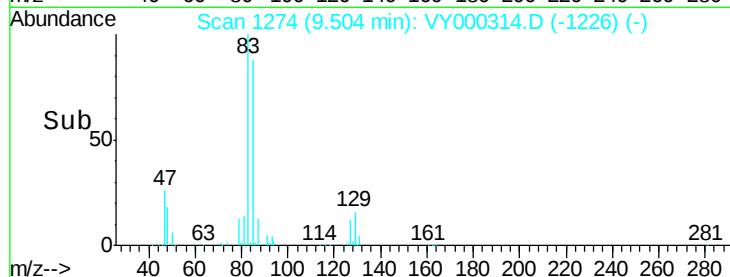
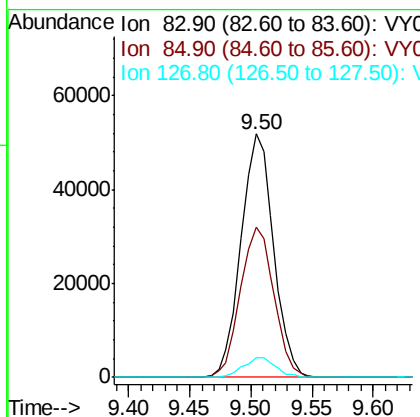
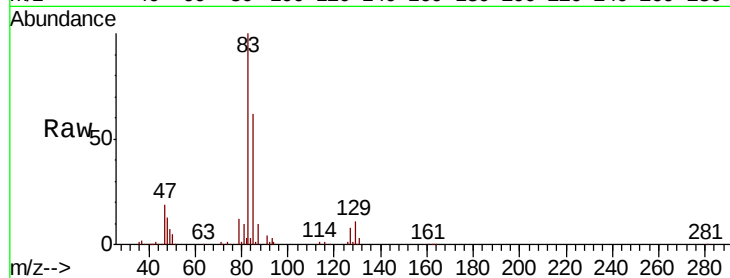
ClientSampleId :

VY1015SBS01

Tot Ion:	83	Resp:	95659
Ion	Ratio	Lower	Upper
83	100		
85	61.7	52.2	78.2
127	8.3	6.3	9.5

Manual Integrations
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#48

Methyl methacrylate

Concen: 19.958 ug/l

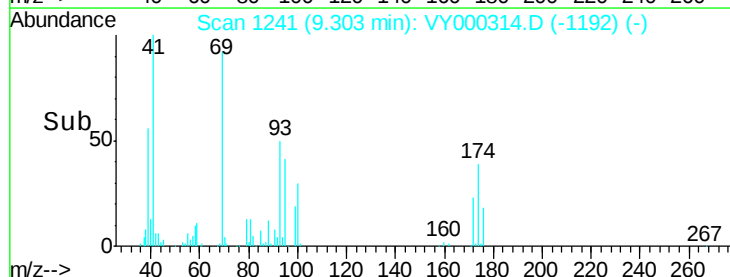
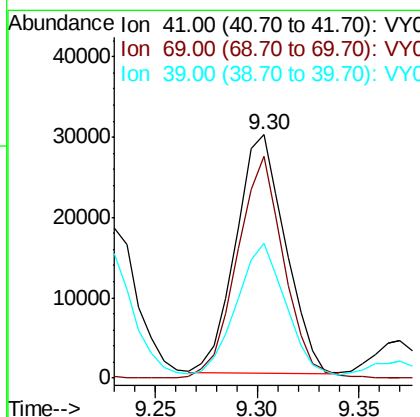
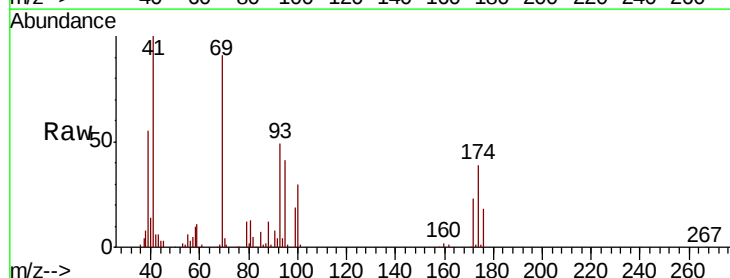
RT: 9.30 min Scan# 1241

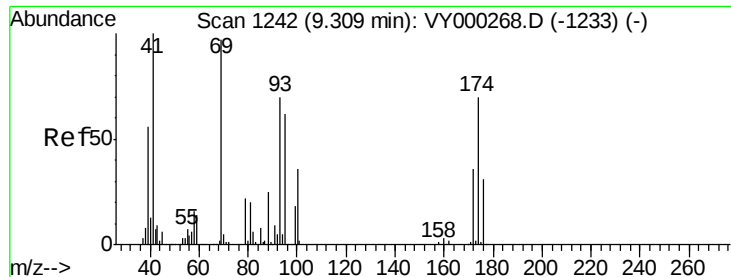
Delta R.T. -0.00 min

Lab File: VY000314.D

Acq: 15 Oct 2019 12:54

Tgt Ion:	41	Resp:	50151
Ion	Ratio	Lower	Upper
41	100		
69	87.9	70.0	105.0
39	57.3	47.7	71.5





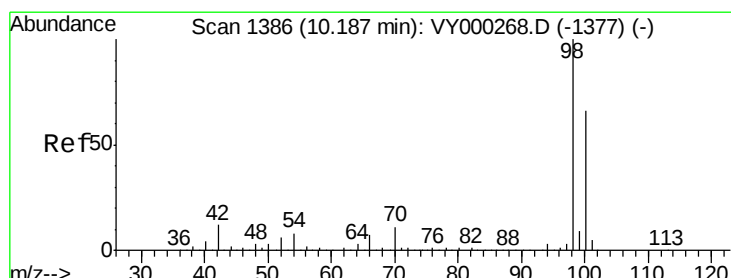
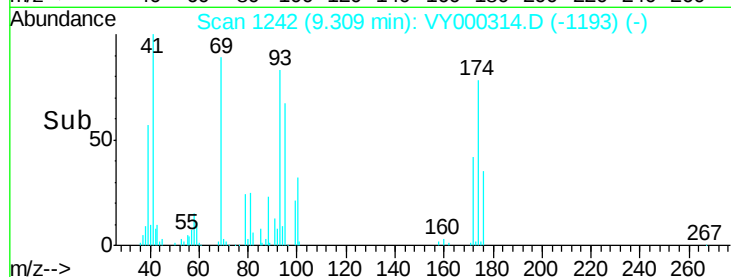
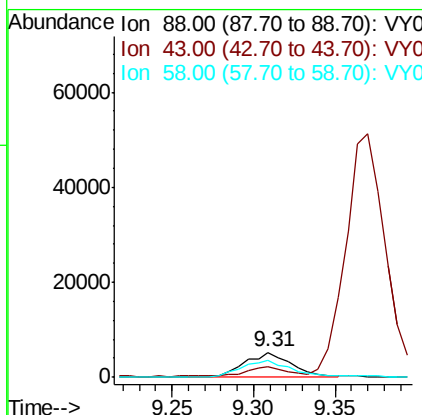
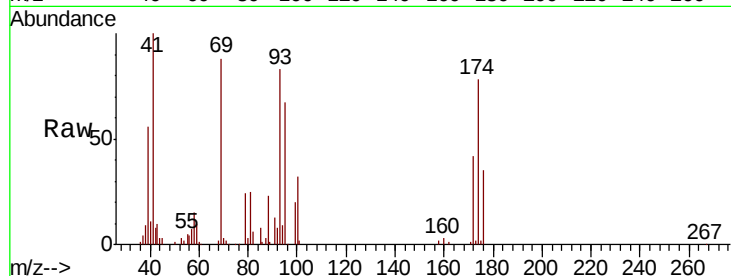
#49
1,4-Dioxane
Concen: 347.935 ug/l
RT: 9.31 min Scan# 1242
Delta R.T. -0.00 min
Lab File: VY000314.D
Acq: 15 Oct 2019 12:54

Instrument :
MSVOA_Y
ClientSampleId :
VY1015SBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	31.4	25.6	38.4
58	73.6	54.6	81.8

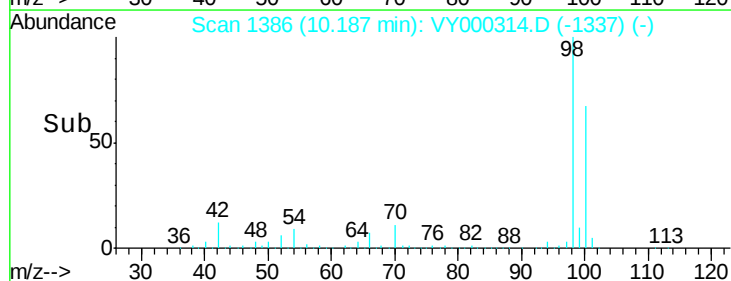
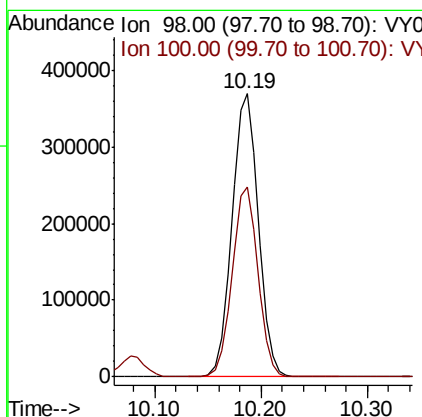
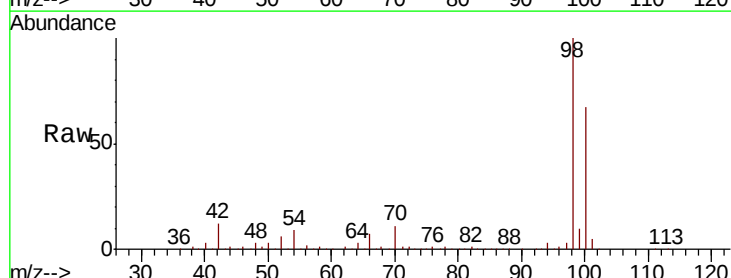
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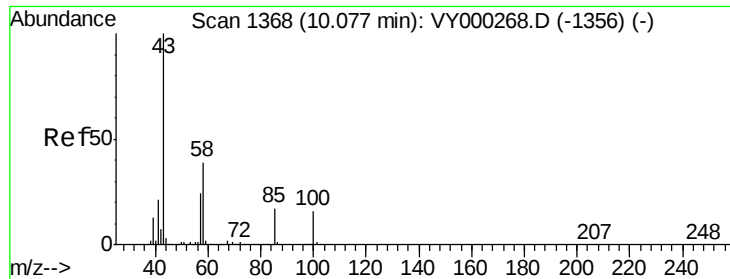
MMDadoda
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#50
Toluene-d8
Concen: 52.901 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. -0.00 min
Lab File: VY000314.D
Acq: 15 Oct 2019 12:54

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.0	52.8	79.2





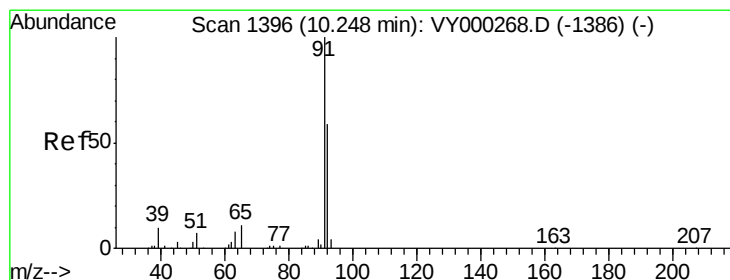
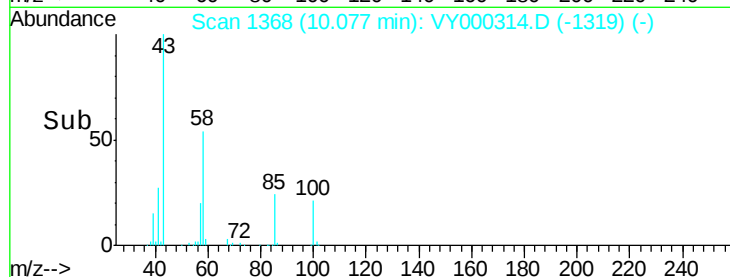
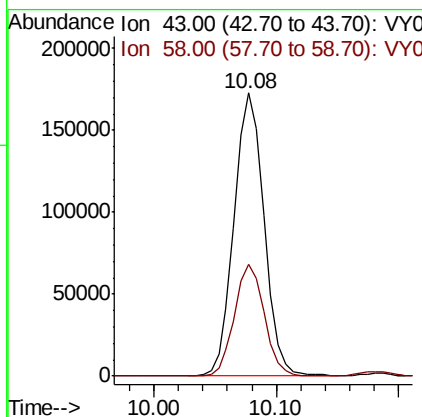
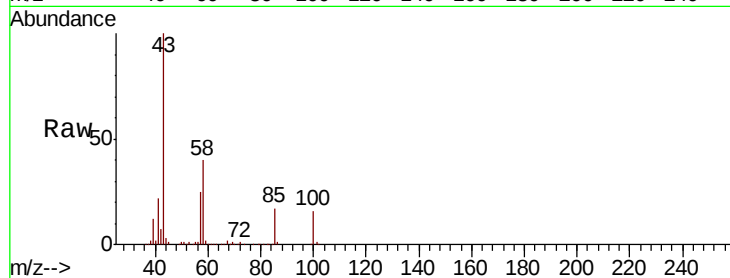
#51
4-Methyl-2-Pentanone
Concen: 99.327 ug/l
RT: 10.08 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VY000314.D
Acq: 15 Oct 2019 12:54

Instrument :
MSVOA_Y
ClientSampleId :
VY1015SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	39.4	31.0	46.6

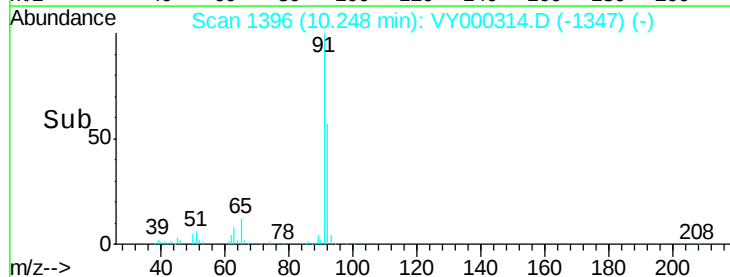
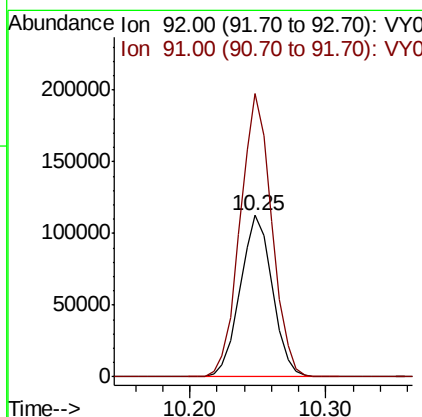
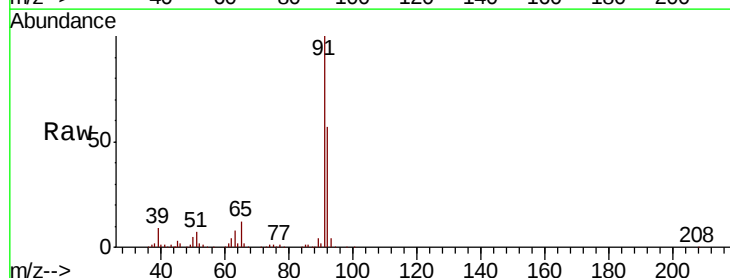
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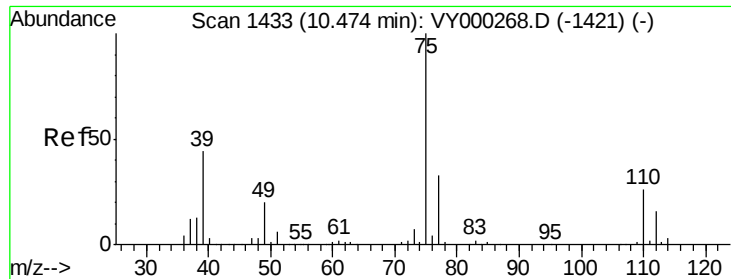
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#52
Toluene
Concen: 19.898 ug/l
RT: 10.25 min Scan# 1396
Delta R.T. -0.00 min
Lab File: VY000314.D
Acq: 15 Oct 2019 12:54

Tgt Ion	Ratio	Lower	Upper
92	100		
91	172.6	136.6	205.0





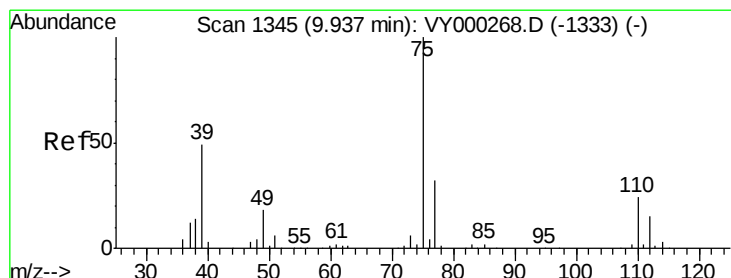
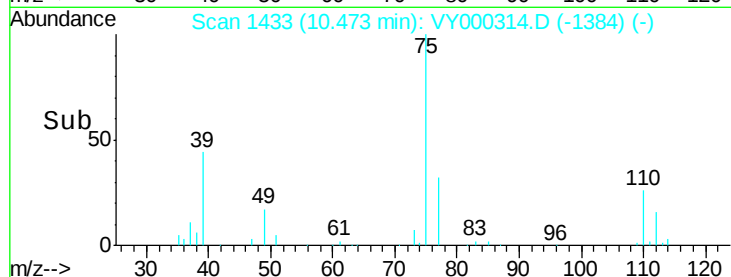
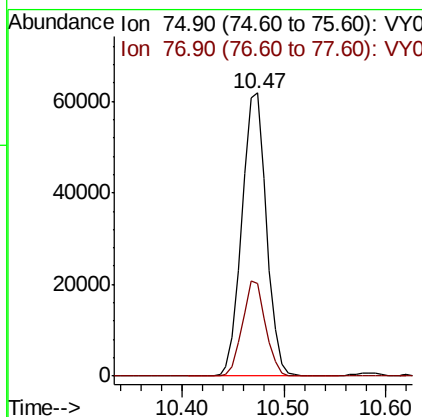
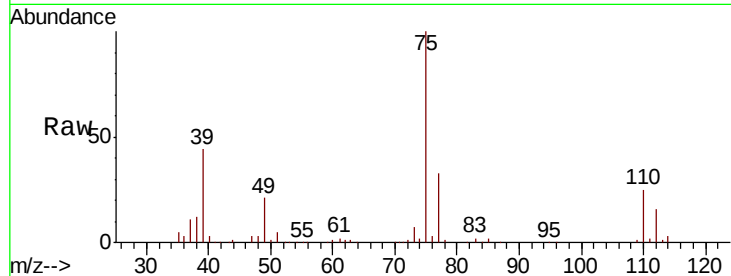
#53
t-1,3-Dichloropropene
Concen: 20.206 ug/l
RT: 10.47 min Scan# 1433
Delta R.T. -0.00 min
Lab File: VY000314.D
Acq: 15 Oct 2019 12:54

Instrument :
MSVOA_Y
ClientSampleId :
VY1015SBS01

Tot Ion: 75 Resp: 103039
Ion Ratio Lower Upper
75 100
77 32.5 26.0 39.0

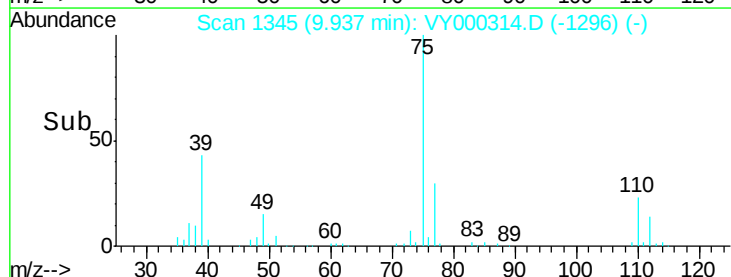
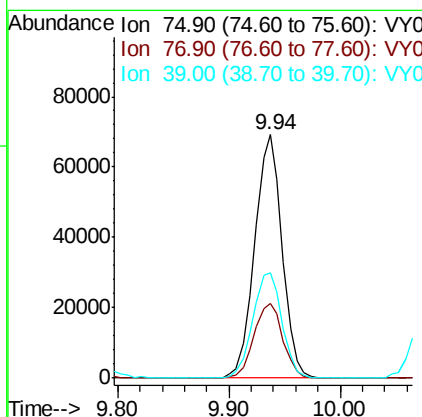
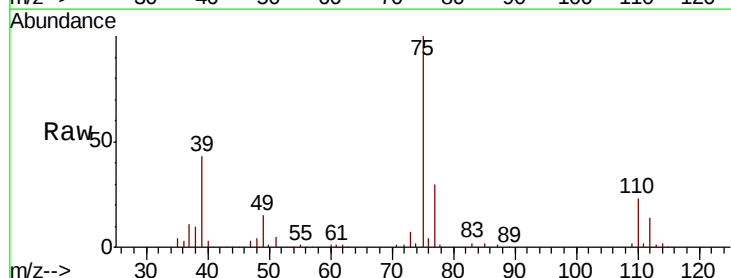
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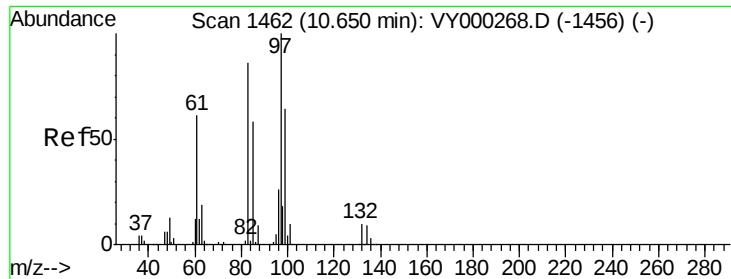
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#54
cis-1,3-Dichloropropene
Concen: 20.457 ug/l
RT: 9.94 min Scan# 1345
Delta R.T. -0.00 min
Lab File: VY000314.D
Acq: 15 Oct 2019 12:54

Tgt Ion: 75 Resp: 118469
Ion Ratio Lower Upper
75 100
77 30.4 26.0 39.0
39 43.3 38.8 58.2





#55

1,1,2-Trichloroethane

Concen: 19.555 ug/l

RT: 10.65 min Scan# 1462

Delta R.T. -0.00 min

Lab File: VY000314.D

Acq: 15 Oct 2019 12:54

Instrument :

MSVOA_Y

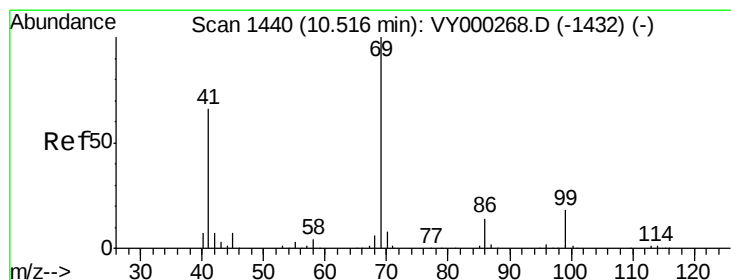
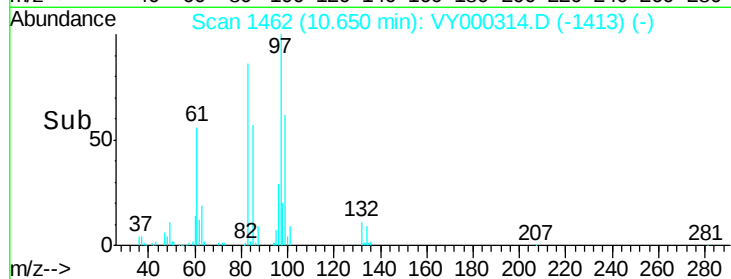
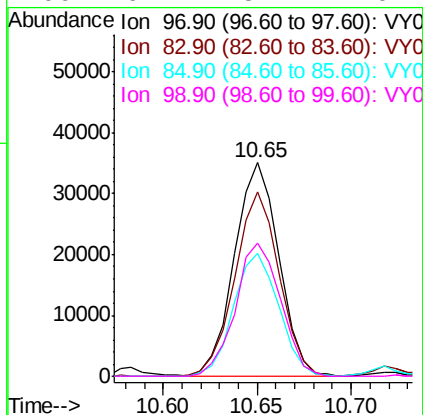
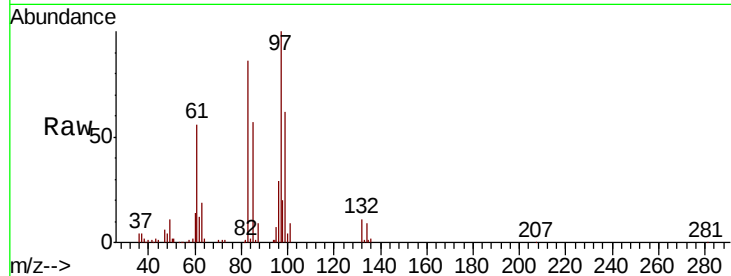
ClientSampleId :

VY1015SBS01

Tot Ion:	97	Resp:	57406
Ion	Ratio	Lower	Upper
97	100		
83	86.4	69.0	103.6
85	57.4	46.2	69.4
99	62.1	51.1	76.7

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#56

Ethyl methacrylate

Concen: 20.350 ug/l

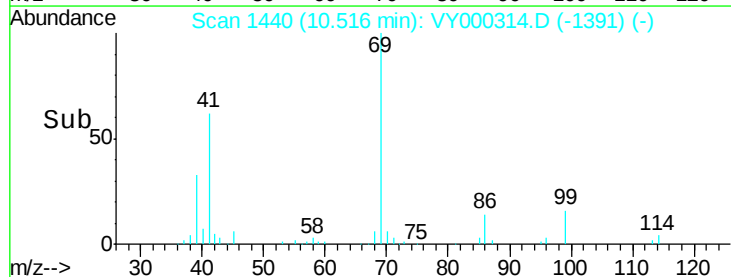
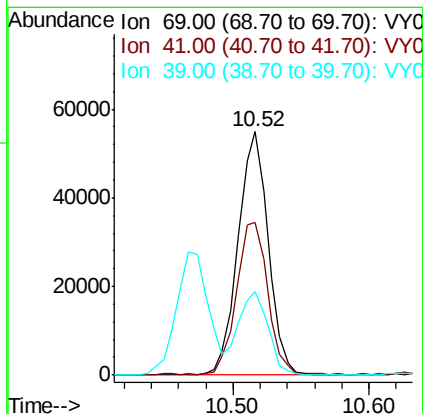
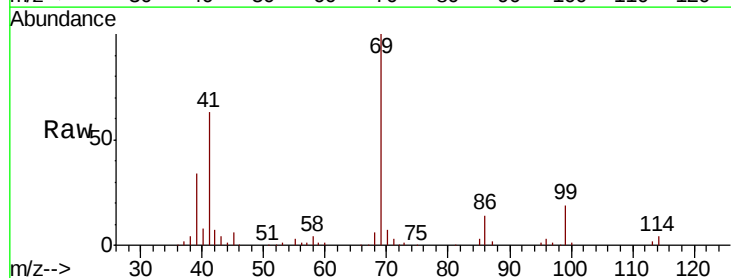
RT: 10.52 min Scan# 1440

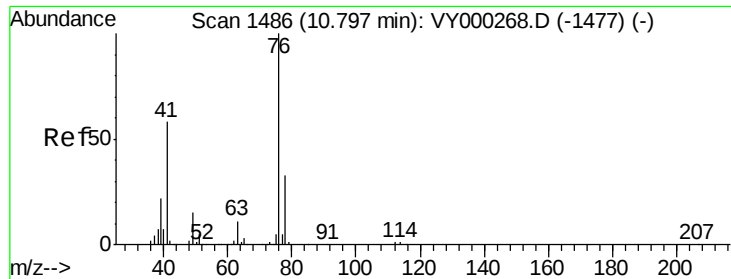
Delta R.T. -0.00 min

Lab File: VY000314.D

Acq: 15 Oct 2019 12:54

Tgt Ion:	69	Resp:	85151
Ion	Ratio	Lower	Upper
69	100		
41	65.1	52.5	78.7
39	34.6	26.7	40.1





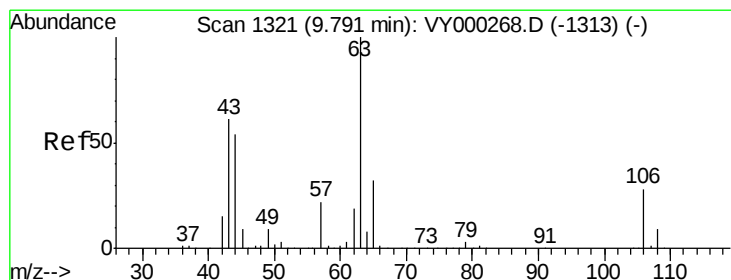
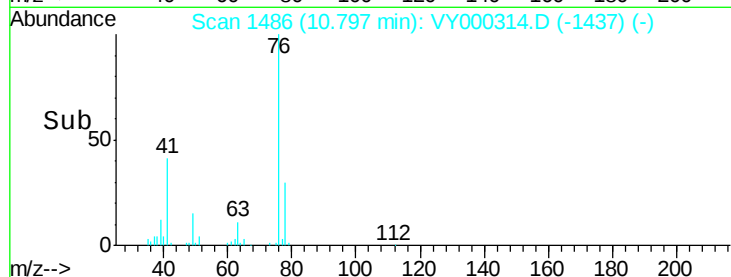
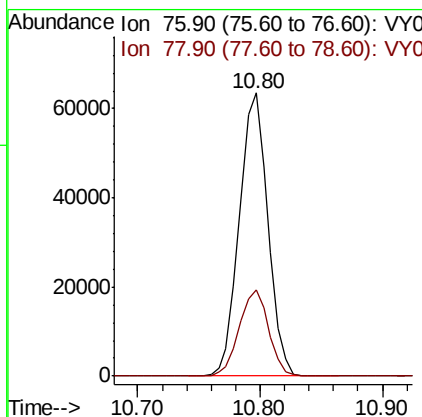
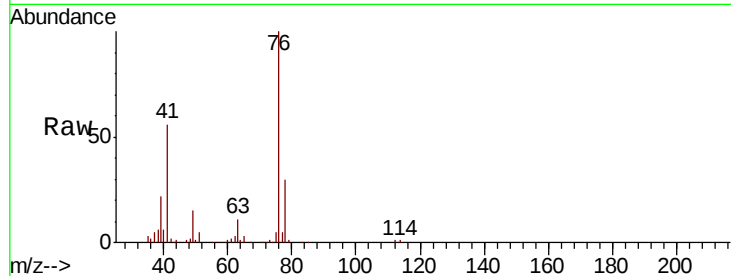
#57
 1,3-Dichloropropane
 Concen: 20.381 ug/l
 RT: 10.80 min Scan# 1486
 Delta R.T. -0.00 min
 Lab File: VY000314.D
 Acq: 15 Oct 2019 12:54

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1015SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	31.3	26.2	39.2

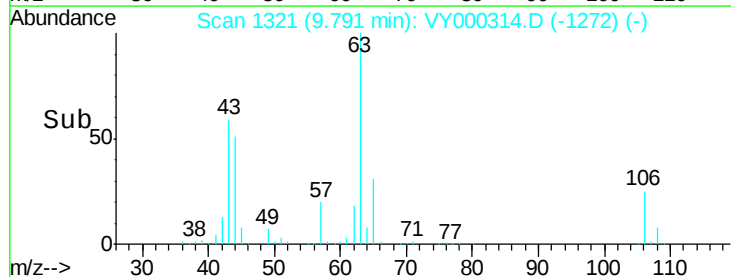
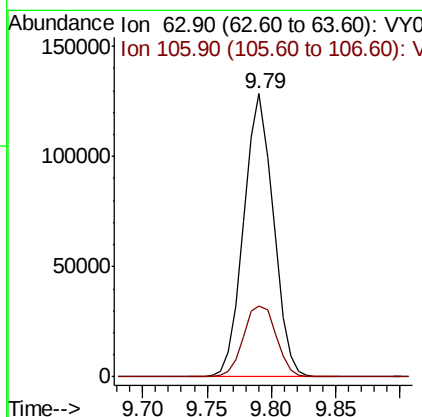
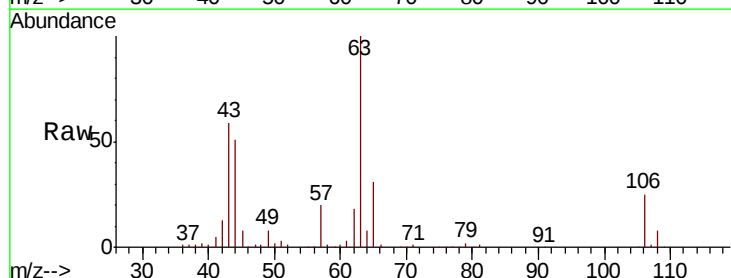
Manual Integrations
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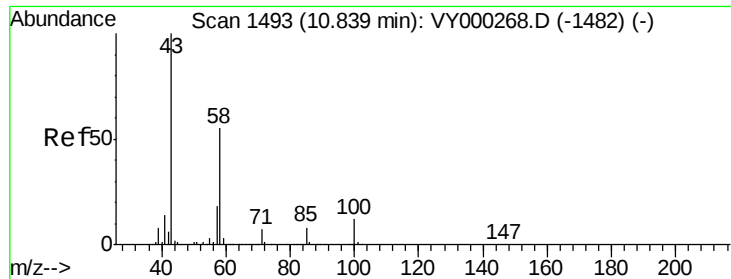
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 10/18/2019 12:40:21 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 122.374 ug/l
 RT: 9.79 min Scan# 1321
 Delta R.T. -0.00 min
 Lab File: VY000314.D
 Acq: 15 Oct 2019 12:54

Tgt Ion	Ratio	Lower	Upper
63	100		
106	27.9	23.0	34.4





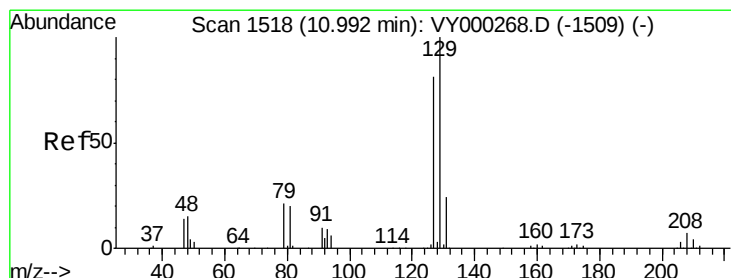
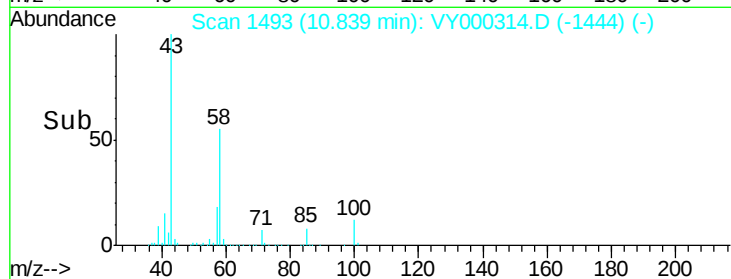
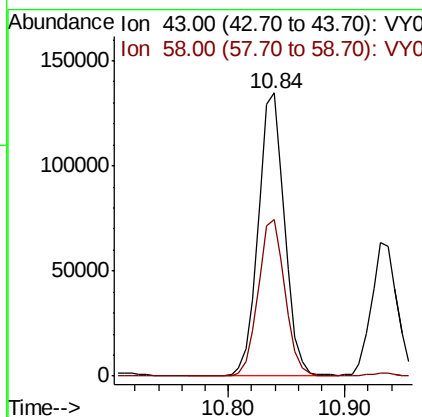
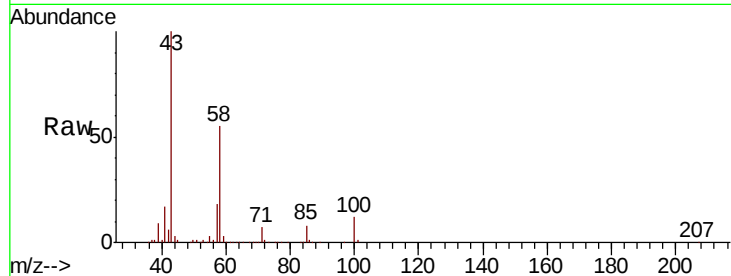
#59
2-Hexanone
Concen: 102.276 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. -0.00 min
Lab File: VY000314.D
Acq: 15 Oct 2019 12:54

Instrument :
MSVOA_Y
ClientSampleId :
VY1015SBS01

Tot Ion: 43 Resp: 212305
Ion Ratio Lower Upper
43 100
58 56.1 27.7 83.1

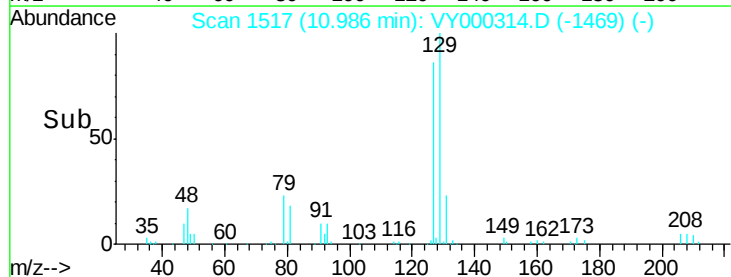
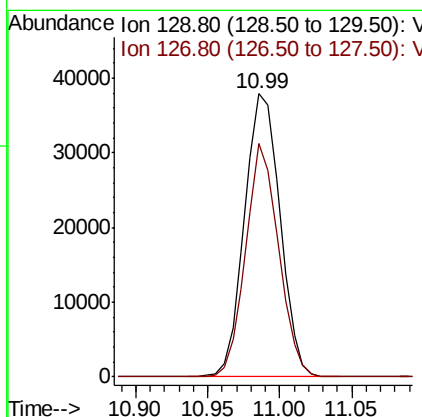
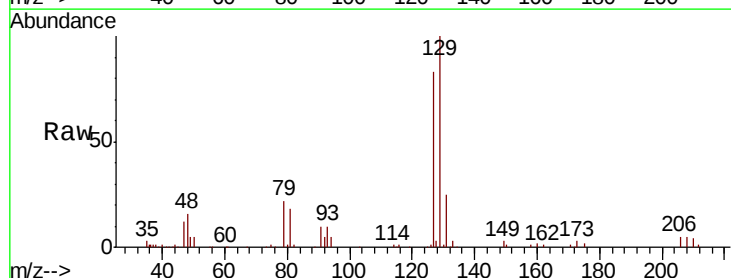
Manual Integrations
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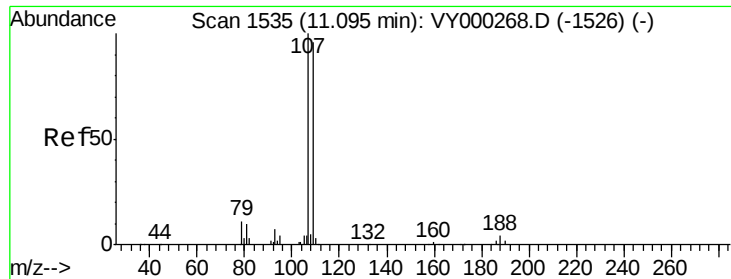
MMDadoda
10/18/2019 12:40:21 AM



#60
Dibromochloromethane
Concen: 19.900 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.01 min
Lab File: VY000314.D
Acq: 15 Oct 2019 12:54

Tgt Ion: 129 Resp: 64749
Ion Ratio Lower Upper
129 100
127 76.4 39.9 119.7





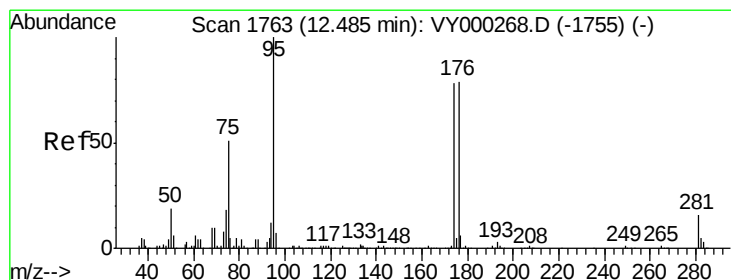
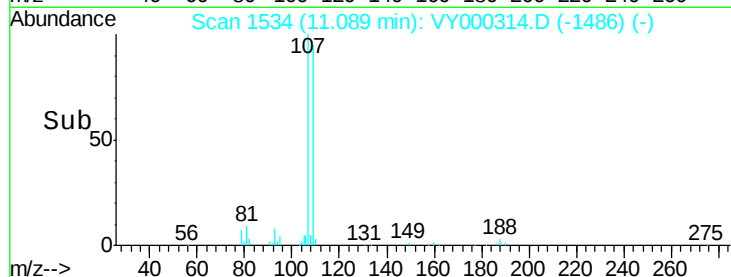
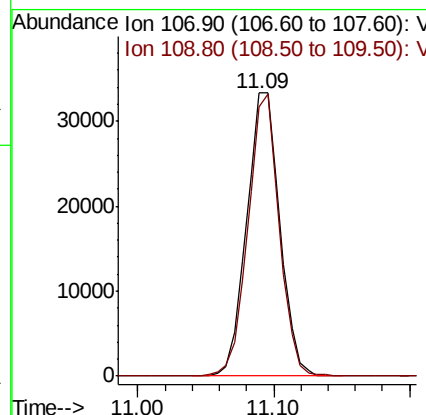
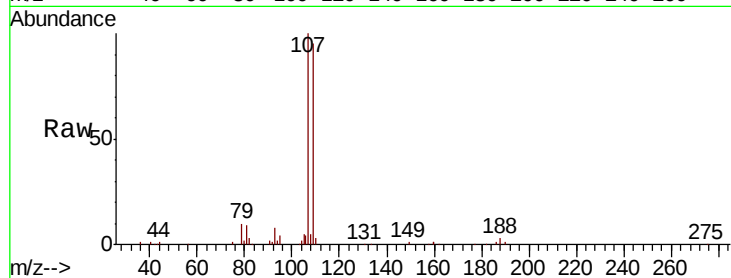
#61
 1,2-Dibromoethane
 Concen: 20.175 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.01 min
 Lab File: VY000314.D
 Acq: 15 Oct 2019 12:54

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1015SBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.6	75.1	112.7

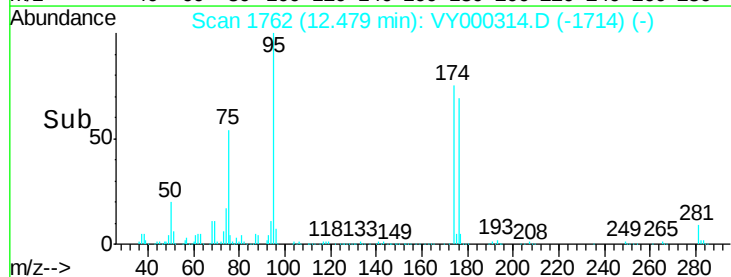
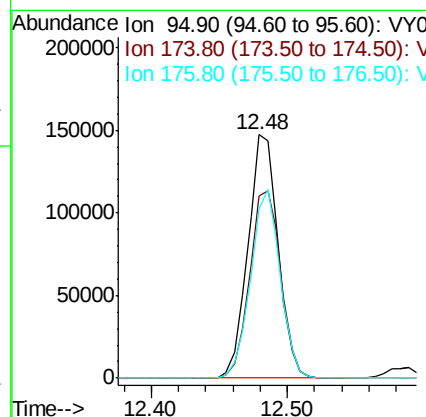
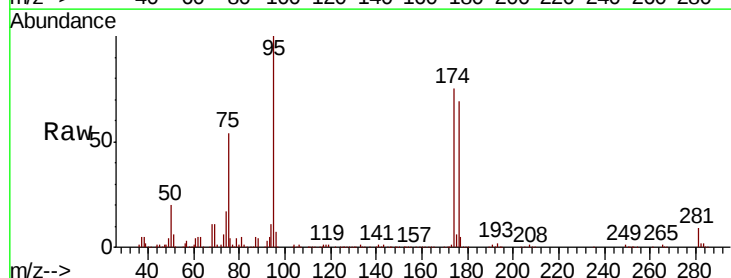
Manual Integrations
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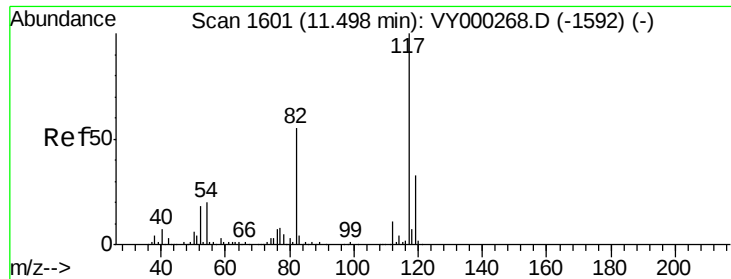
MMDadoda
 10/18/2019 12:40:21 AM



#62
 4-Bromofluorobenzene
 Concen: 49.811 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.01 min
 Lab File: VY000314.D
 Acq: 15 Oct 2019 12:54

Tgt Ion	Ratio	Lower	Upper
95	100		
174	79.8	0.0	159.6
176	76.0	0.0	153.8





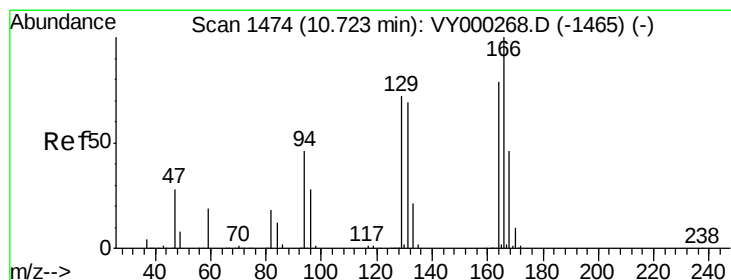
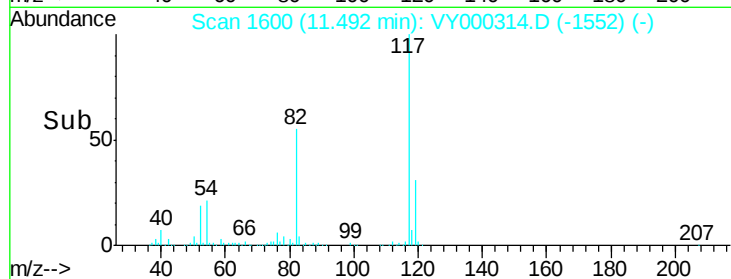
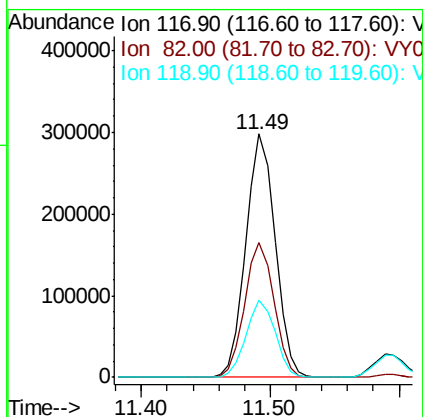
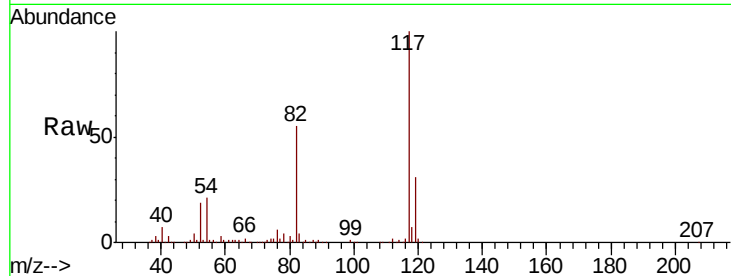
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY000314.D
Acq: 15 Oct 2019 12:54

Instrument :
MSVOA_Y
ClientSampleId :
VY1015SBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.3	43.7	65.5
119	31.5	26.6	39.8

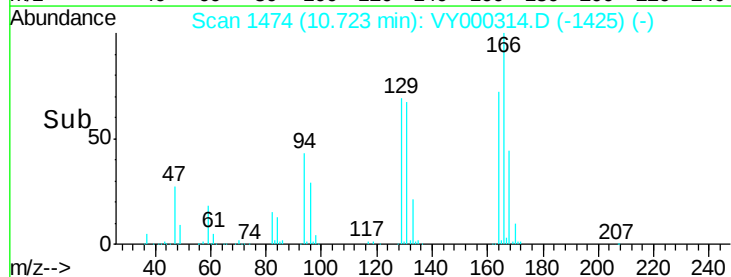
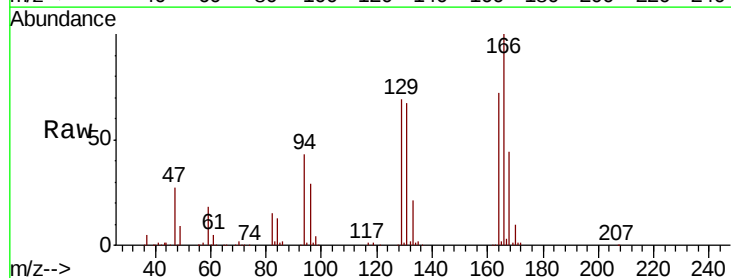
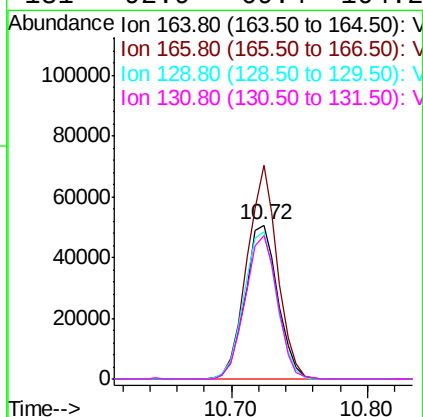
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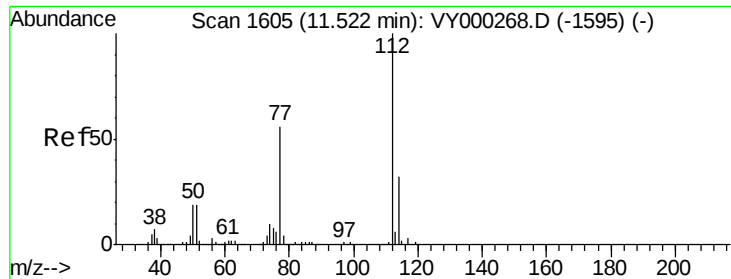
MMDadoda
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#64
Tetrachloroethene
Concen: 19.084 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VY000314.D
Acq: 15 Oct 2019 12:54

Tgt Ion	Ratio	Lower	Upper
164	100		
166	138.8	100.6	151.0
129	95.9	72.8	109.2
131	92.9	69.4	104.2





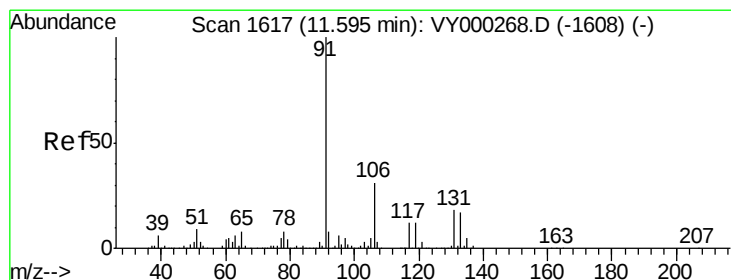
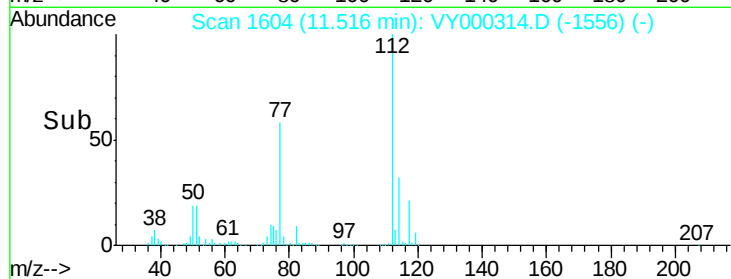
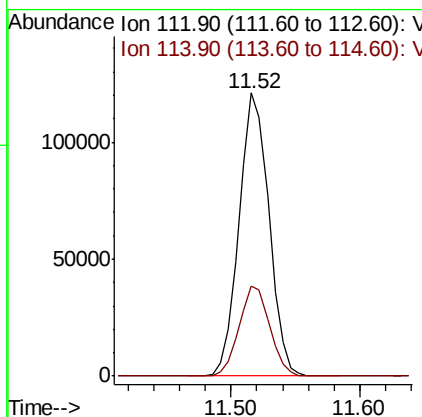
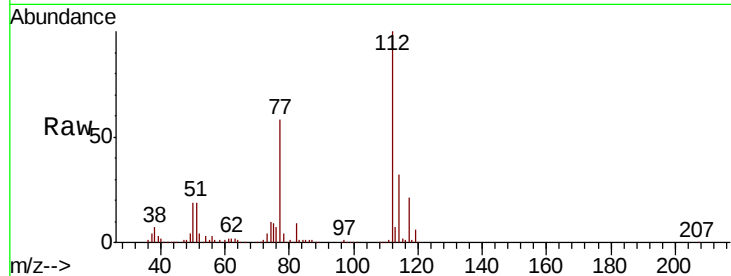
#65
Chlorobenzene
Concen: 19.682 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.01 min
Lab File: VY000314.D
Acq: 15 Oct 2019 12:54

Instrument :
MSVOA_Y
ClientSampleId :
VY1015SBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.9	25.7	38.5

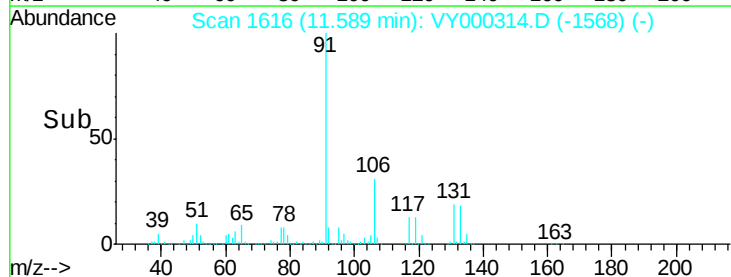
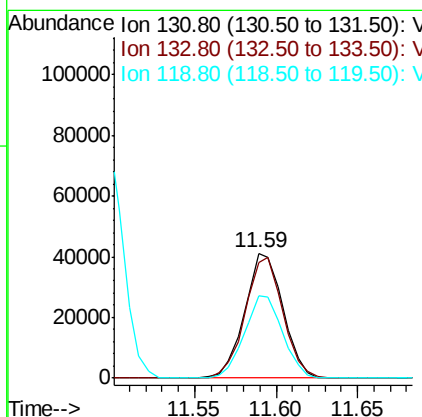
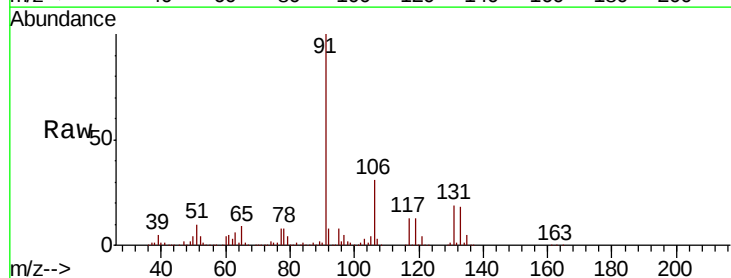
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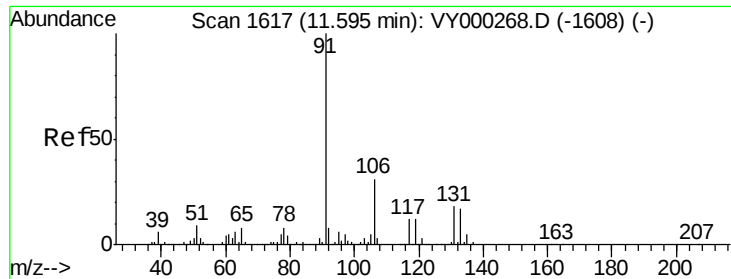
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.342 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.01 min
Lab File: VY000314.D
Acq: 15 Oct 2019 12:54

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.7	47.2	141.6
119	66.2	32.6	98.0





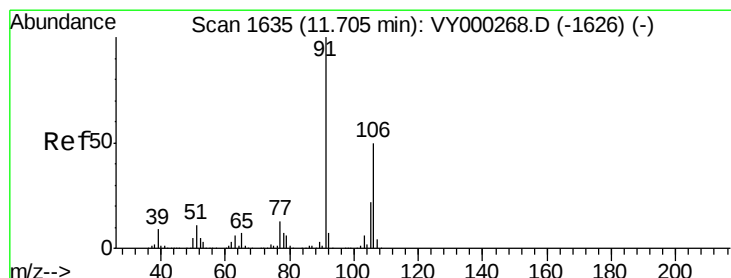
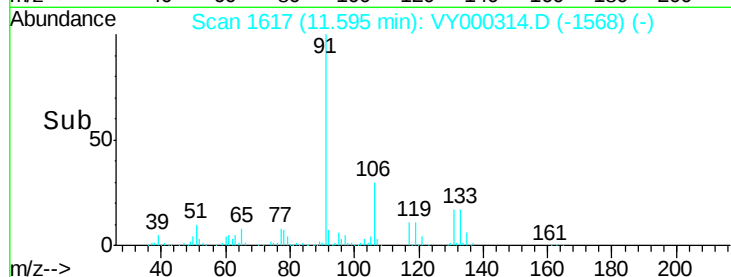
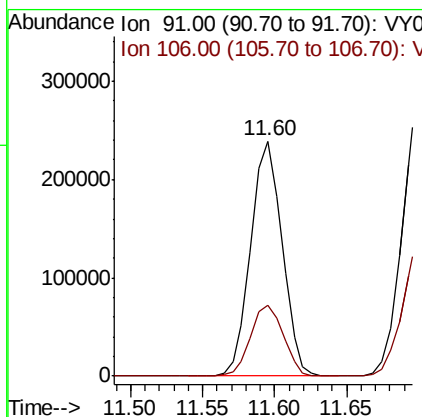
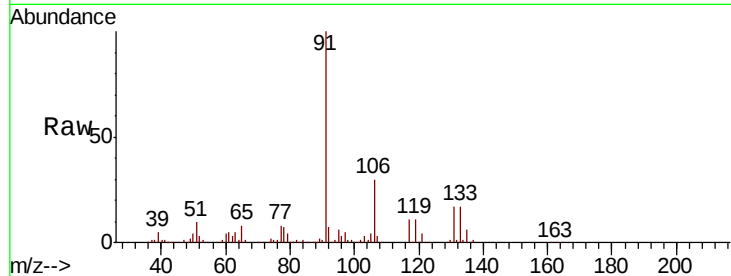
#67
Ethyl Benzene
Concen: 19.766 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. -0.00 min
Lab File: VY000314.D
Acq: 15 Oct 2019 12:54

Instrument :
MSVOA_Y
ClientSampleId :
VY1015SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
106	30.2	25.0	37.6

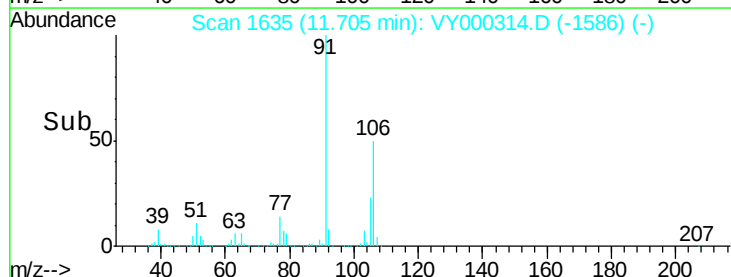
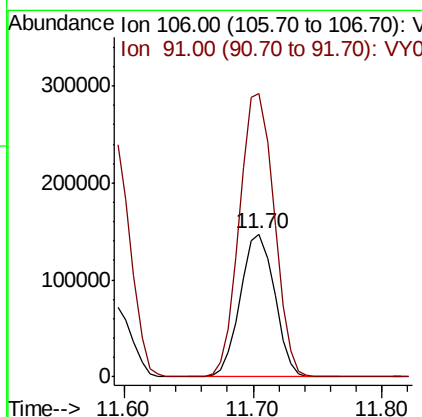
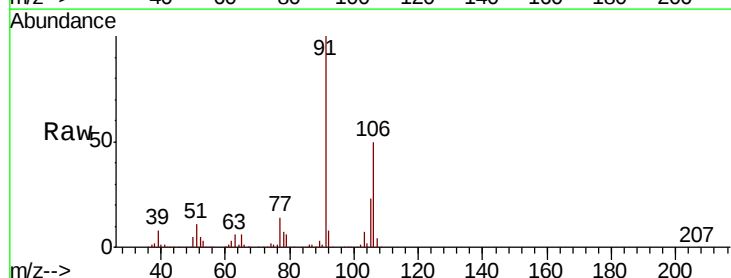
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#68
m/p-Xylenes
Concen: 38.912 ug/l
RT: 11.70 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VY000314.D
Acq: 15 Oct 2019 12:54

Tgt Ion	Ratio	Lower	Upper
106	100		
91	201.1	157.5	236.3





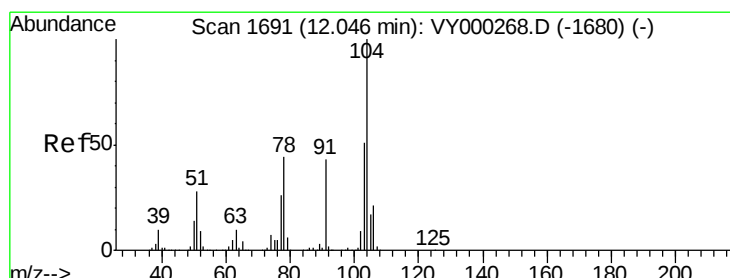
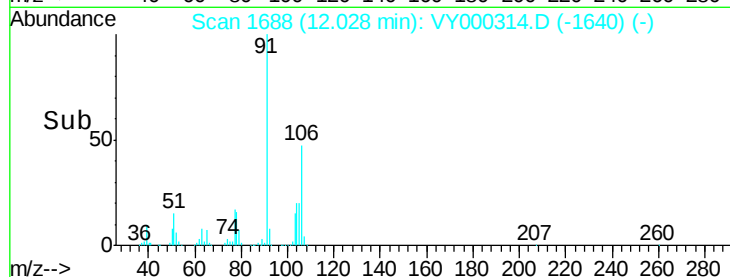
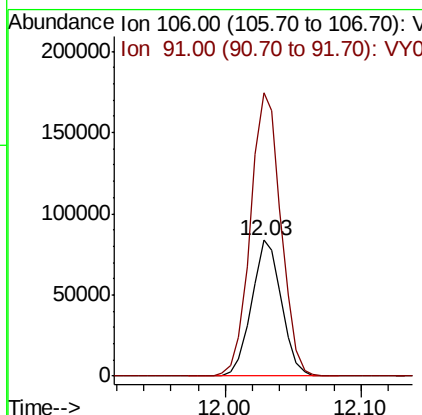
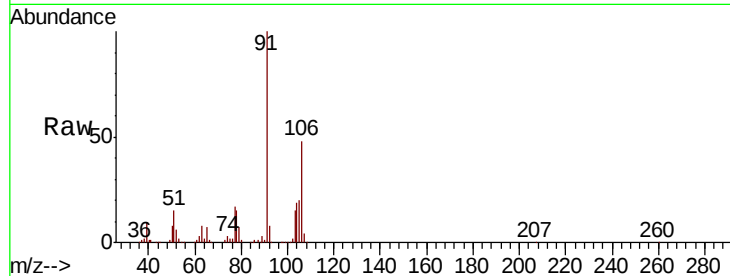
#69
o-Xylene
Concen: 19.333 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.01 min
Lab File: VY000314.D
Acq: 15 Oct 2019 12:54

Instrument :
MSVOA_Y
ClientSampleId :
VY1015SBS01

Tot Ion:106 Resp: 128820
Ion Ratio Lower Upper
106 100
91 212.4 104.7 313.9

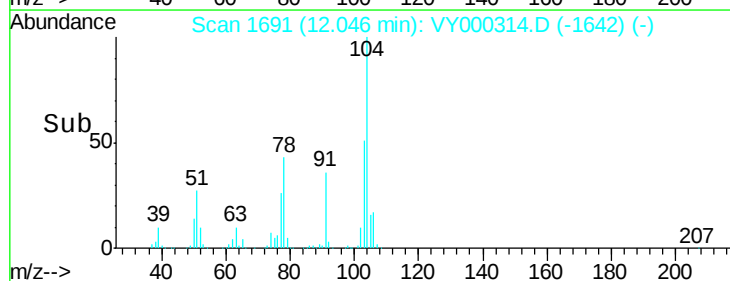
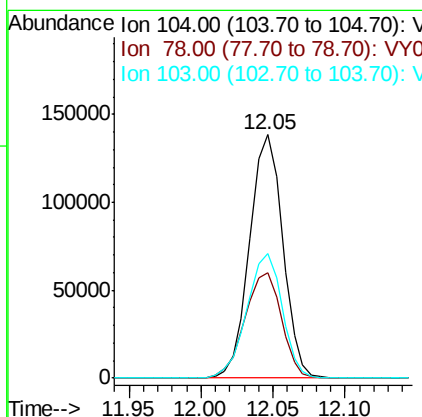
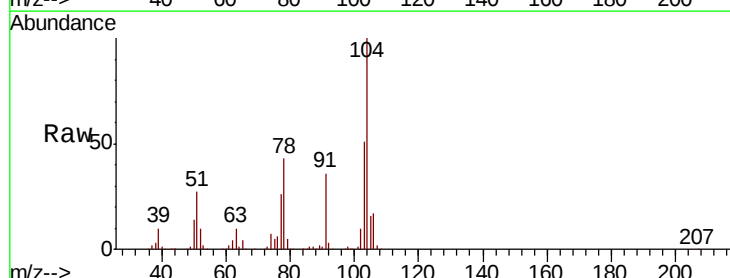
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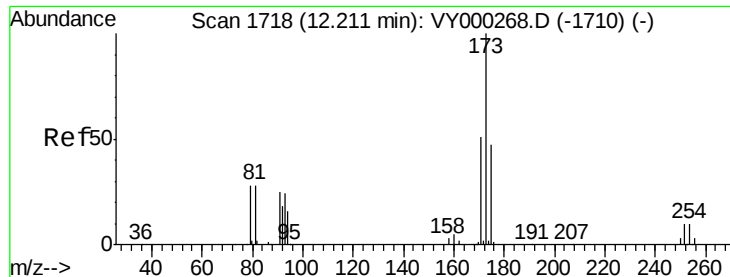
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#70
Styrene
Concen: 19.623 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. -0.00 min
Lab File: VY000314.D
Acq: 15 Oct 2019 12:54

Tgt Ion:104 Resp: 220512
Ion Ratio Lower Upper
104 100
78 48.0 39.0 58.6
103 54.5 43.1 64.7





#71

Bromoform

Concen: 19.674 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. -0.00 min

Lab File: VY000314.D

Acq: 15 Oct 2019 12:54

Instrument :

MSVOA_Y

ClientSampleId :

VY1015SBS01

Tot Ion:173 Resp: 39157

Ion Ratio Lower Upper

173 100

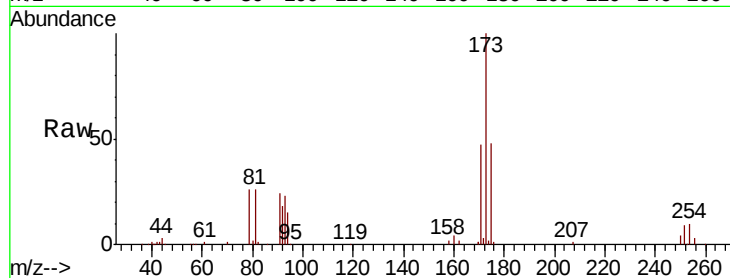
175 48.0 24.6 73.6

254 0.0 0.1 0.1#

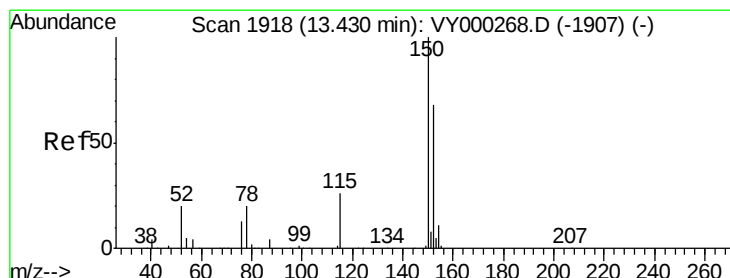
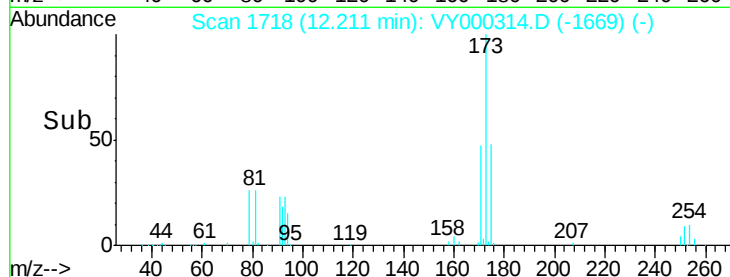
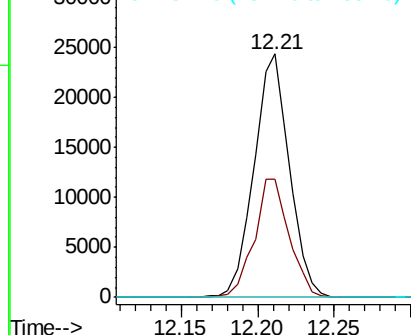
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. -0.01 min

Lab File: VY000314.D

Acq: 15 Oct 2019 12:54

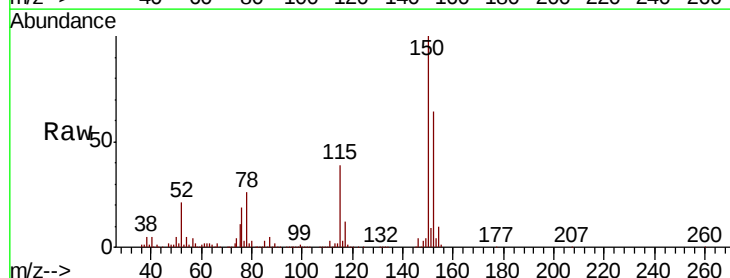
Tgt Ion:152 Resp: 227447

Ion Ratio Lower Upper

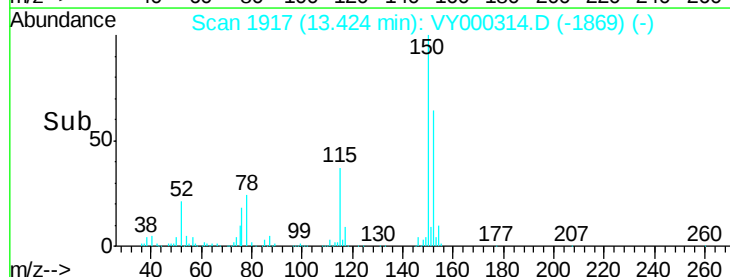
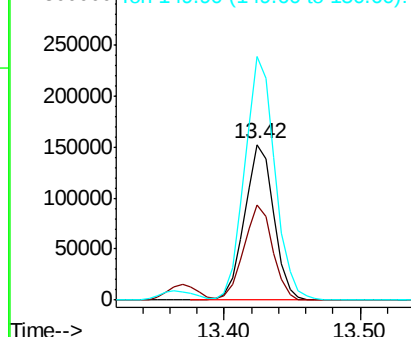
152 100

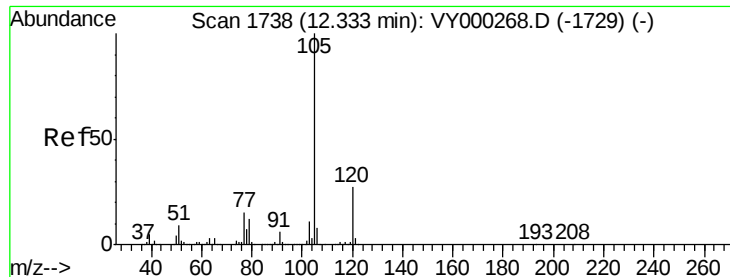
115 60.8 29.3 88.0

150 162.8 0.0 348.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.612 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. -0.00 min

Lab File: VY000314.D

Acq: 15 Oct 2019 12:54

Instrument :

MSVOA_Y

ClientSampleId :

VY1015SBS01

Tot Ion: 105 Resp: 347820

Ion Ratio Lower Upper

105 100

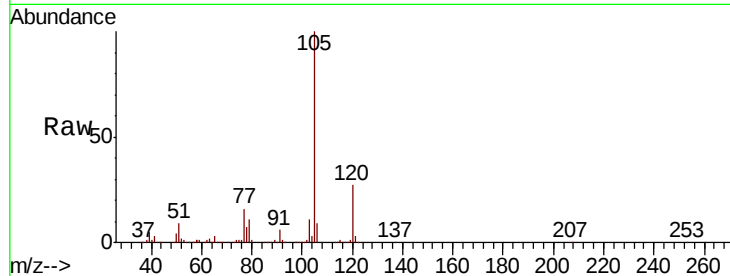
120 27.6 13.4 40.2

Manual Integrations

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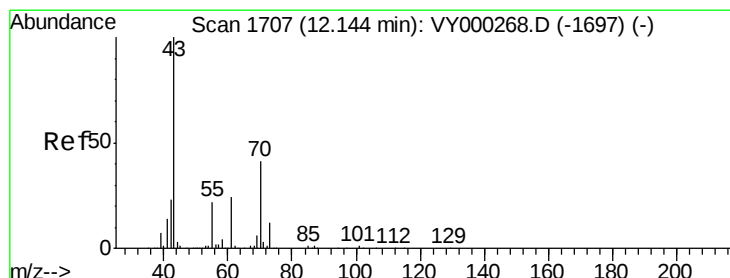
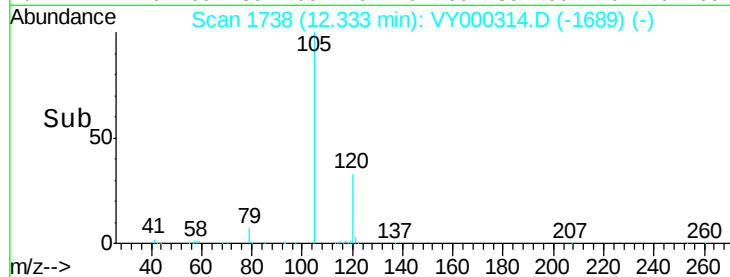
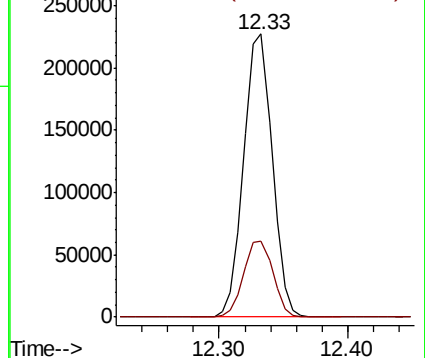
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 22.488 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VY000314.D

Acq: 15 Oct 2019 12:54

Tgt Ion: 43 Resp: 97910

Ion Ratio Lower Upper

43 100

70 40.9 32.9 49.3

55 22.3 17.8 26.6

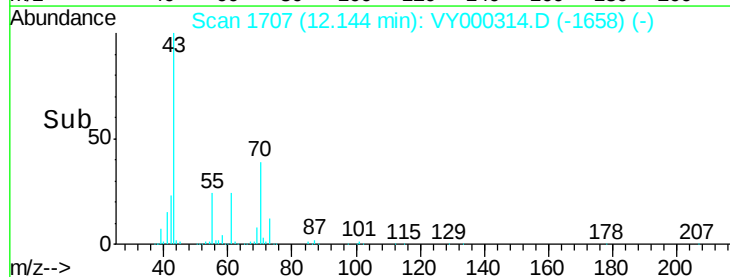
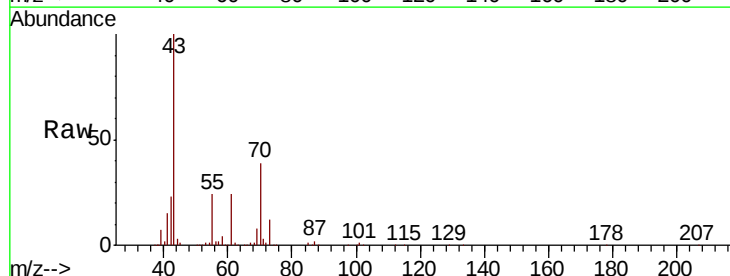
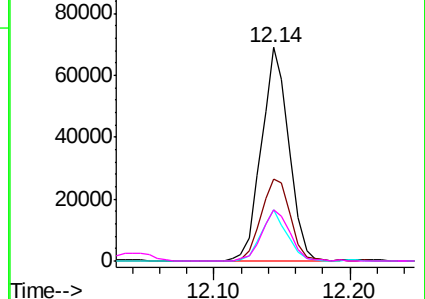
61 24.7 19.5 29.3

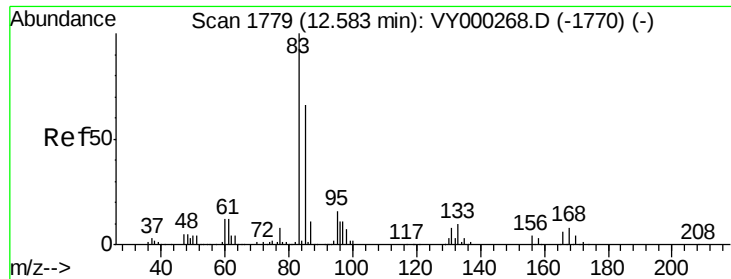
Abundance Ion 43.00 (42.70 to 43.70): VY0

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: 19.350 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY000314.D

Acq: 15 Oct 2019 12:54

Instrument :

MSVOA_Y

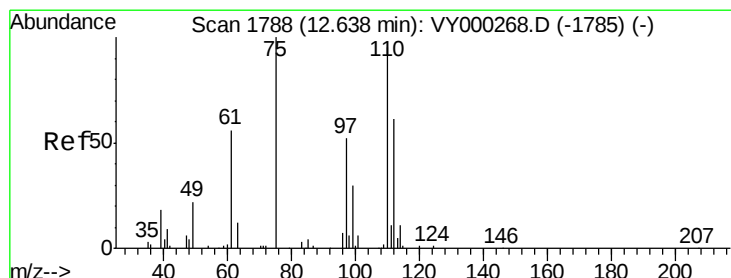
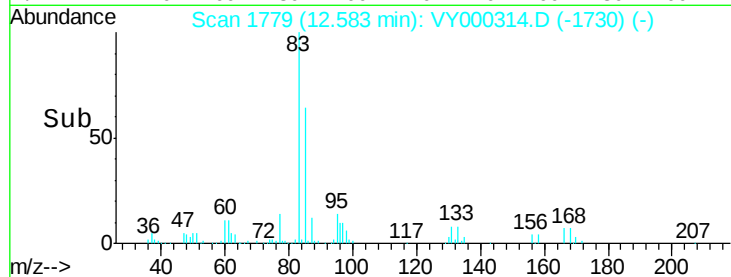
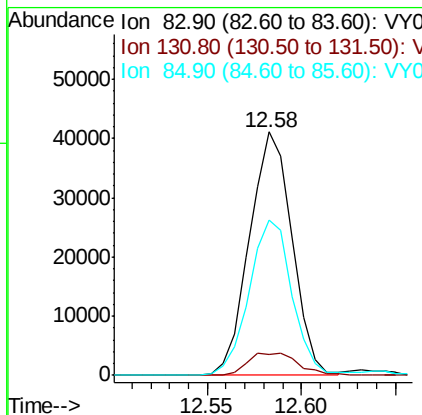
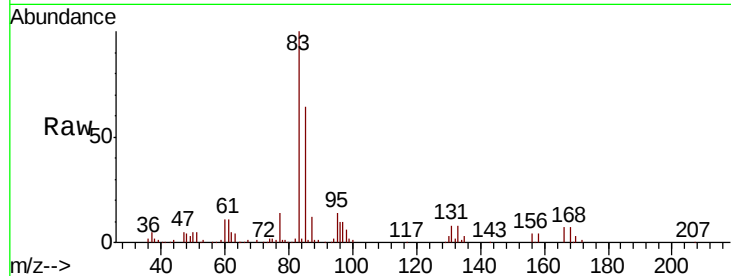
ClientSampleId :

VY1015SBS01

Tot Ion:	83	Resp:	64432
Ion Ratio	Lower	Upper	
83	100		
131	10.9	5.3	16.1
85	64.5	32.9	98.7

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 19.863 ug/l m

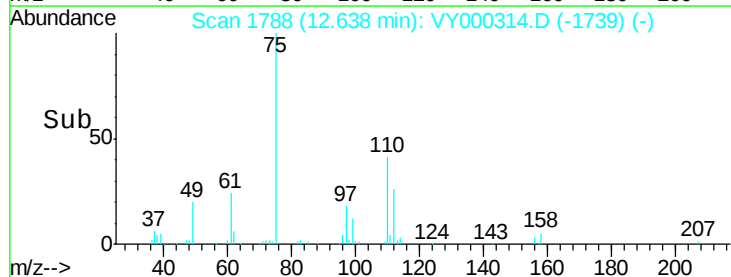
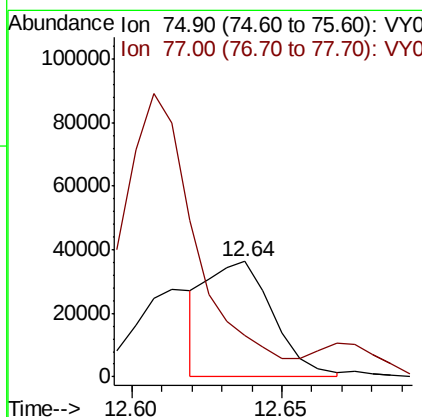
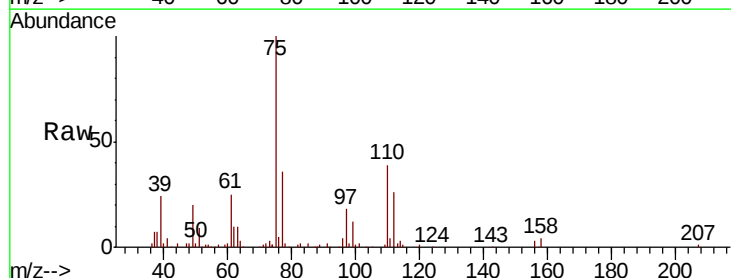
RT: 12.64 min Scan# 1788

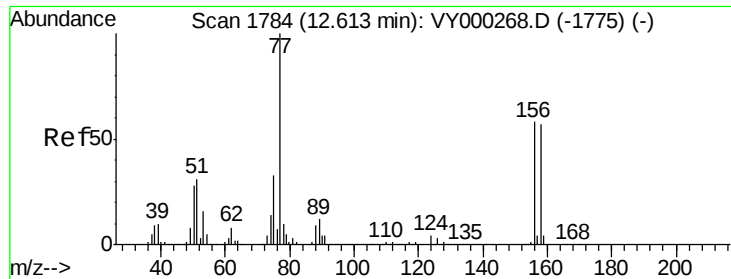
Delta R.T. -0.00 min

Lab File: VY000314.D

Acq: 15 Oct 2019 12:54

Tgt Ion:	75	Resp:	55552
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 19.876 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.01 min

Lab File: VY000314.D

Acq: 15 Oct 2019 12:54

Instrument :

MSVOA_Y

ClientSampleId :

VY1015SBS01

Tot Ion:156 Resp: 78438

Ion Ratio Lower Upper

156 100

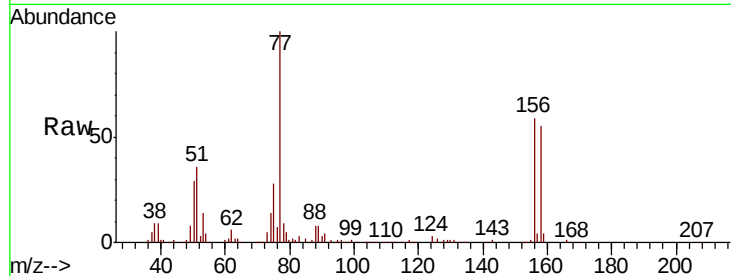
77 201.3 101.0 302.9

158 95.2 49.7 149.1

Manual Integrations
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MMDadoda

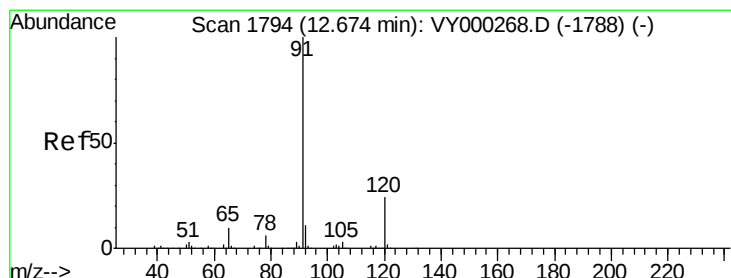
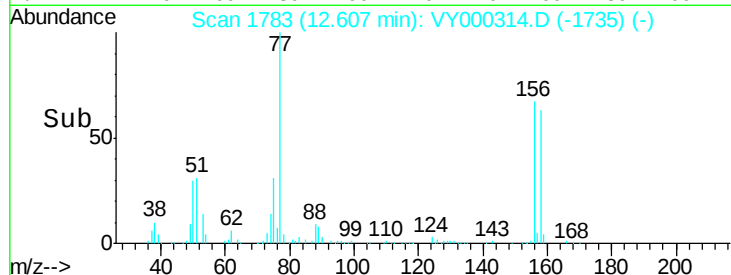
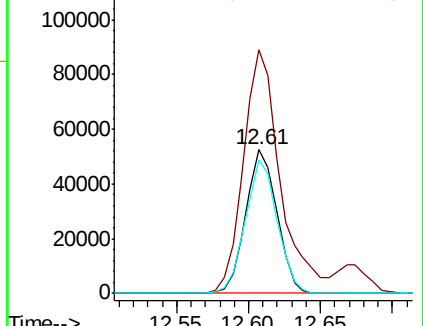
10/18/2019 12:40:21 AM



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: 19.982 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. -0.00 min

Lab File: VY000314.D

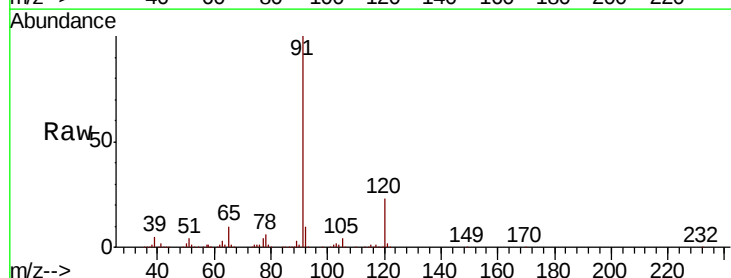
Acq: 15 Oct 2019 12:54

Tgt Ion: 91 Resp: 425476

Ion Ratio Lower Upper

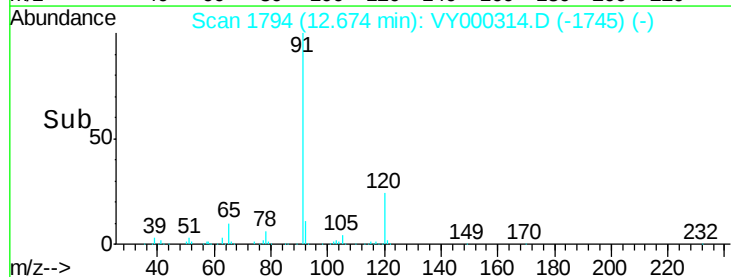
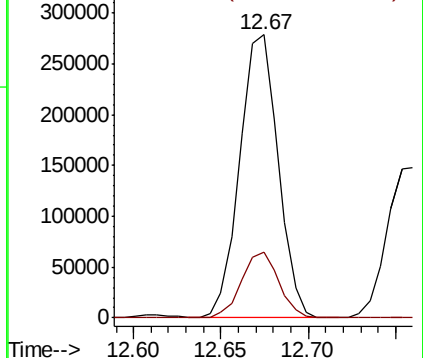
91 100

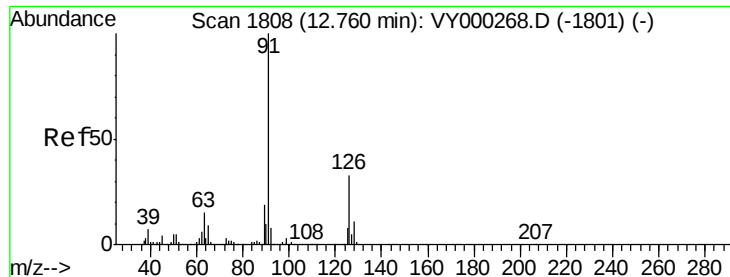
120 22.7 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.079 ug/l

RT: 12.76 min Scan# 1808

Delta R.T. -0.00 min

Lab File: VY000314.D

Acq: 15 Oct 2019 12:54

Instrument :

MSVOA_Y

ClientSampleId :

VY1015SBS01

Tot Ion: 91 Resp: 236121

Ion Ratio Lower Upper

91 100

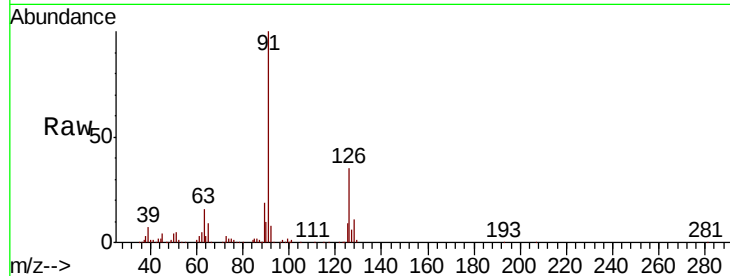
126 34.3 17.1 51.3

Manual Integrations

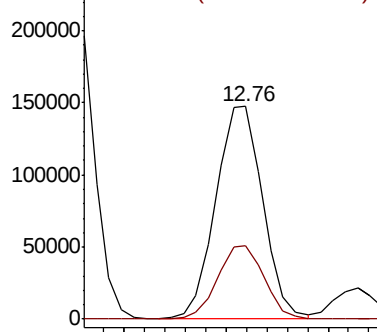
APPROVED

MMDadoda

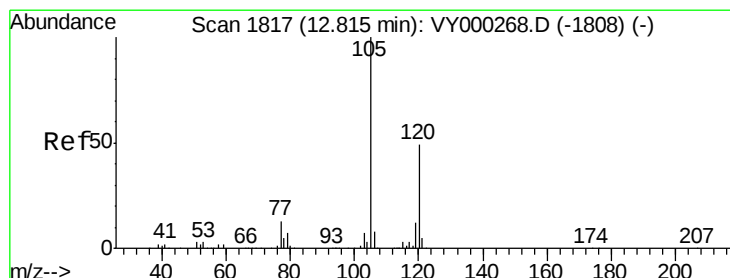
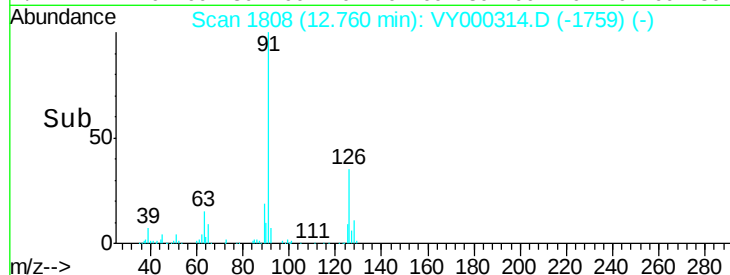
10/18/2019 12:40:21 AM



Abundance Ion 91.00 (90.70 to 91.70): VY000314.D (-1759) (-)



Time-->



#80

1,3,5-Trimethylbenzene

Concen: 19.998 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. -0.00 min

Lab File: VY000314.D

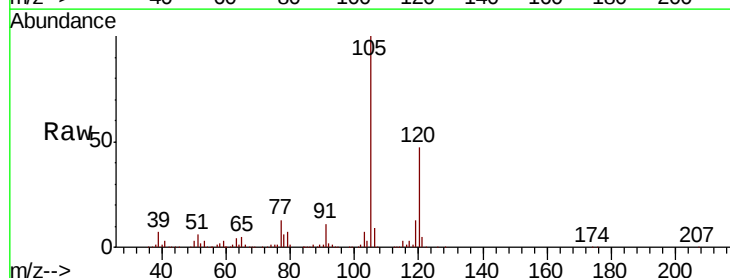
Acq: 15 Oct 2019 12:54

Tgt Ion: 105 Resp: 297396

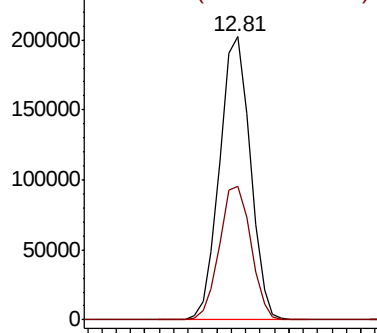
Ion Ratio Lower Upper

105 100

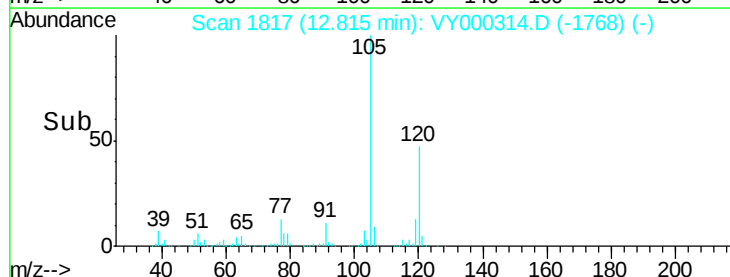
120 48.4 24.9 74.8

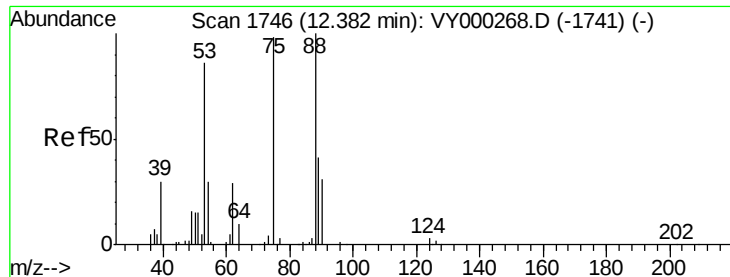


Abundance Ion 105.00 (104.70 to 105.70): VY000314.D (-1768) (-)



Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 18.765 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. -0.00 min

Lab File: VY000314.D

Acq: 15 Oct 2019 12:54

Instrument :

MSVOA_Y

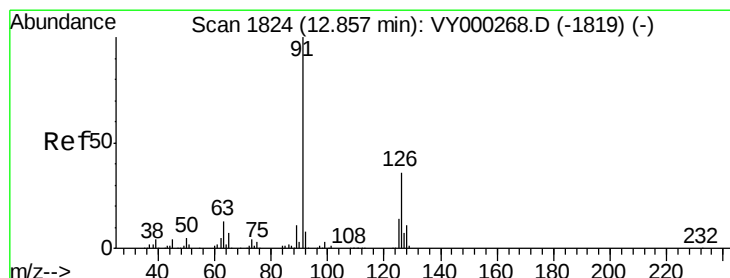
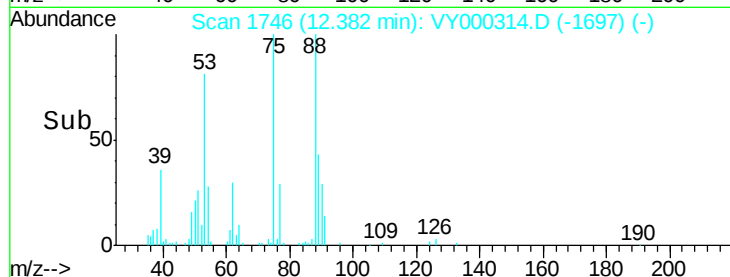
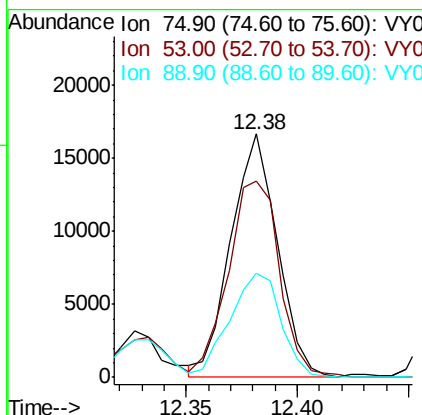
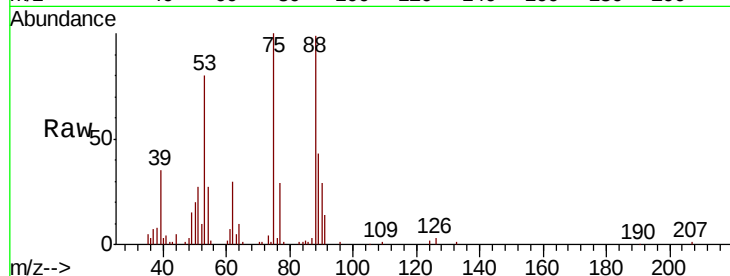
ClientSampleId :

VY1015SBS01

Tot Ion:	75	Resp:	23987
Ion	Ratio	Lower	Upper
75	100		
53	90.2	71.3	106.9
89	47.8	35.1	52.7

Manual Integrations
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#82

4-Chlorotoluene

Concen: 20.131 ug/l

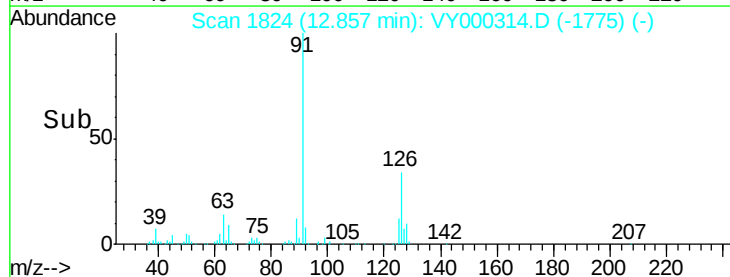
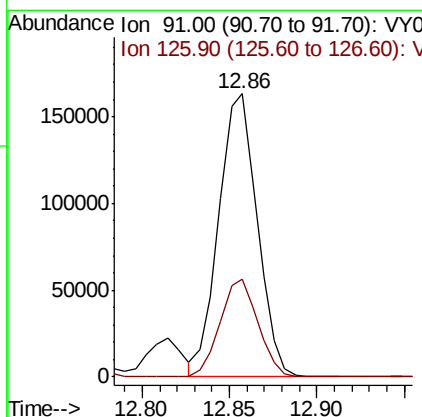
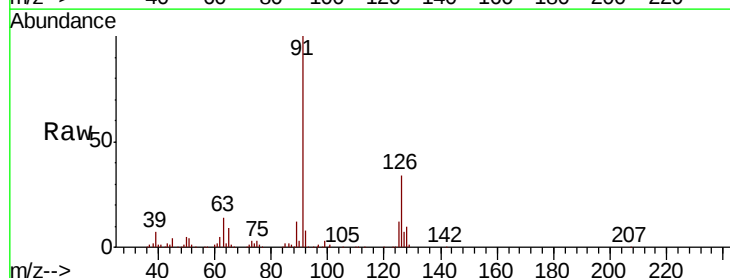
RT: 12.86 min Scan# 1824

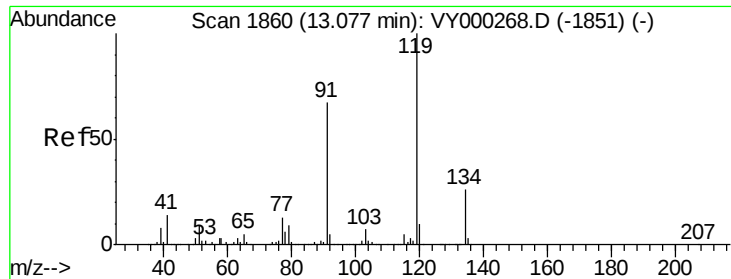
Delta R.T. -0.00 min

Lab File: VY000314.D

Acq: 15 Oct 2019 12:54

Tgt Ion:	91	Resp:	250233
Ion	Ratio	Lower	Upper
91	100		
126	34.1	17.2	51.5





#83

tert-Butylbenzene

Concen: 19.659 ug/l

RT: 13.08 min Scan# 1860

Delta R.T. -0.00 min

Lab File: VY000314.D

Acq: 15 Oct 2019 12:54

Instrument :

MSVOA_Y

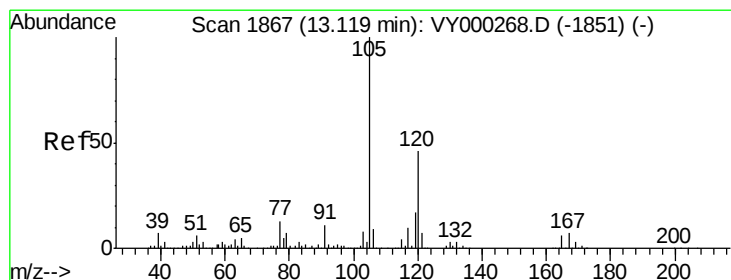
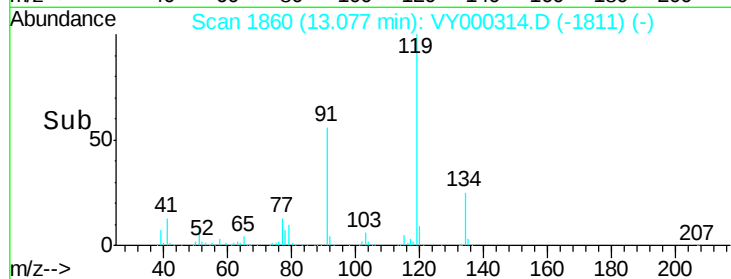
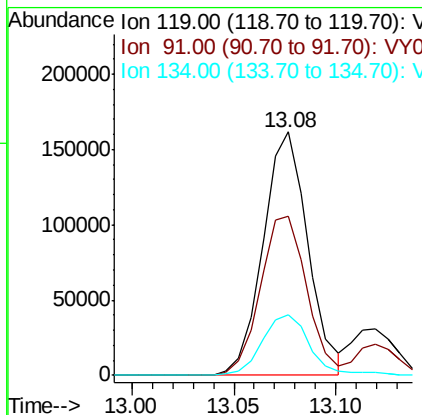
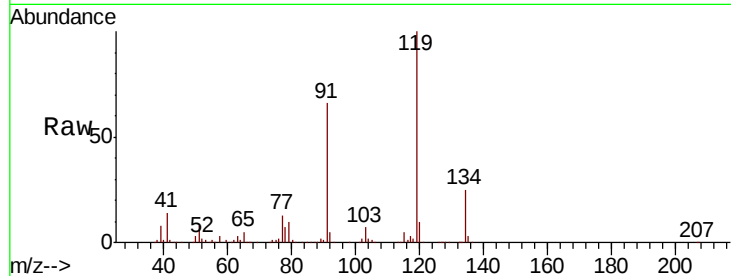
ClientSampleId :

VY1015SBS01

Tot Ion:	119	Resp:	247569
Ion Ratio	Lower	Upper	
119	100		
91	67.7	32.9	98.7
134	26.4	13.3	39.8

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 20.152 ug/l

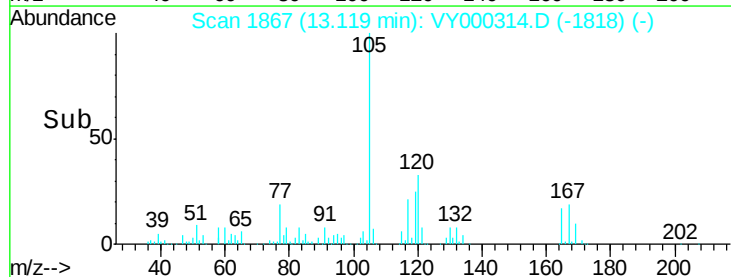
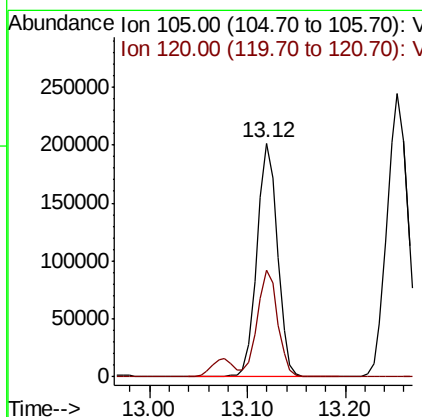
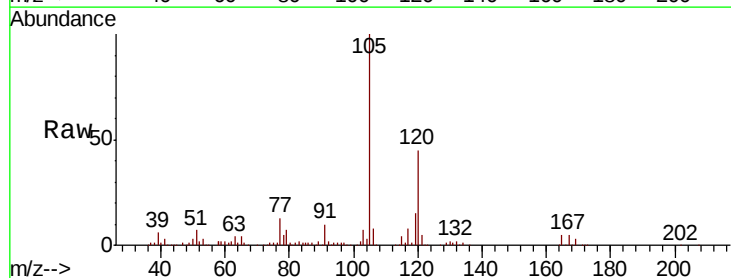
RT: 13.12 min Scan# 1867

Delta R.T. -0.00 min

Lab File: VY000314.D

Acq: 15 Oct 2019 12:54

Tgt Ion:	105	Resp:	295771
Ion Ratio	Lower	Upper	
105	100		
120	44.7	22.9	68.8





#85

sec-Butylbenzene

Concen: 19.942 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY000314.D

Acq: 15 Oct 2019 12:54

Instrument :

MSVOA_Y

ClientSampleId :

VY1015SBS01

Tot Ion:105 Resp: 363297

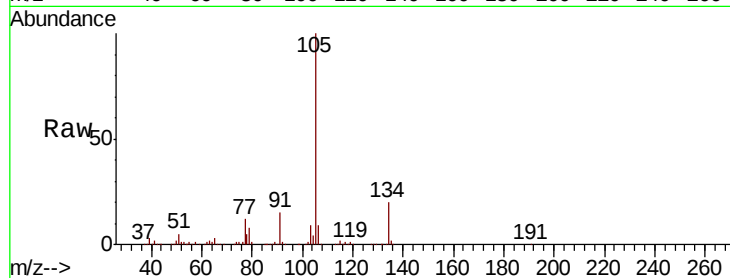
Ion Ratio Lower Upper

105 100

134 20.0 10.1 30.1

Manual Integrations
APPROVED

MMDadoda
10/18/2019 12:40:21 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.25

250000

200000

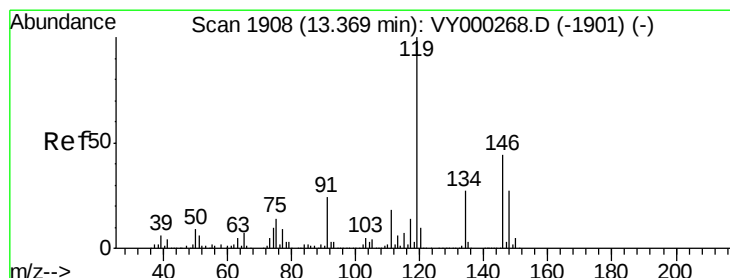
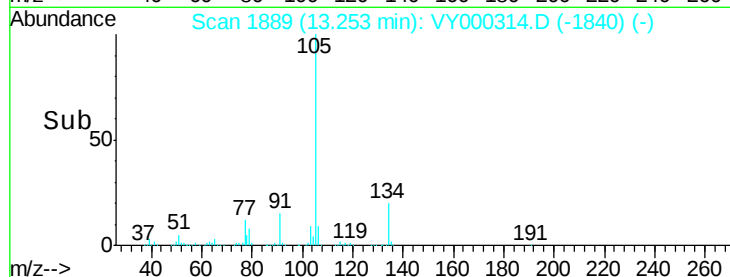
150000

100000

50000

0

Time--> 13.15 13.20 13.25 13.30



#86

p-Isopropyltoluene

Concen: 20.138 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY000314.D

Acq: 15 Oct 2019 12:54

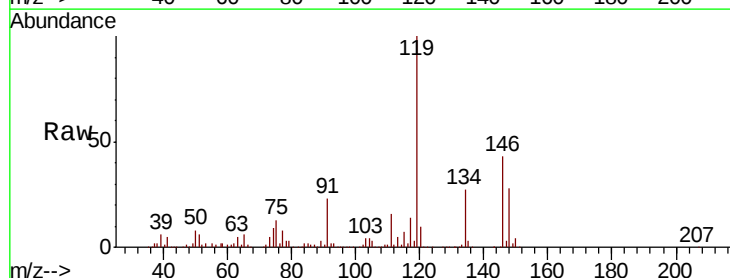
Tgt Ion:119 Resp: 319838

Ion Ratio Lower Upper

119 100

134 27.1 13.6 40.8

91 23.5 12.0 36.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

300000

250000

200000

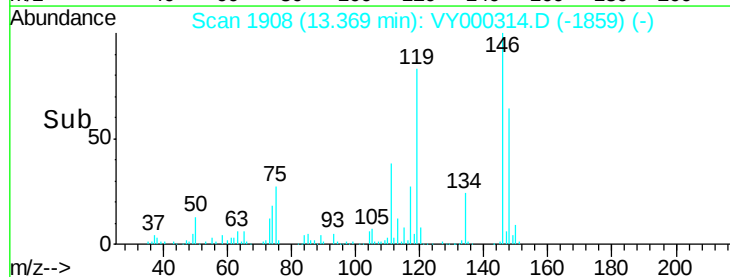
150000

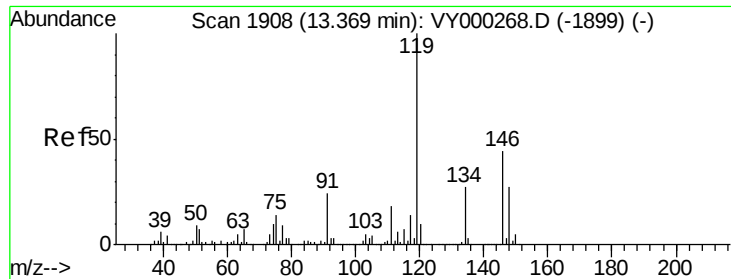
100000

50000

0

Time--> 13.30 13.35 13.40





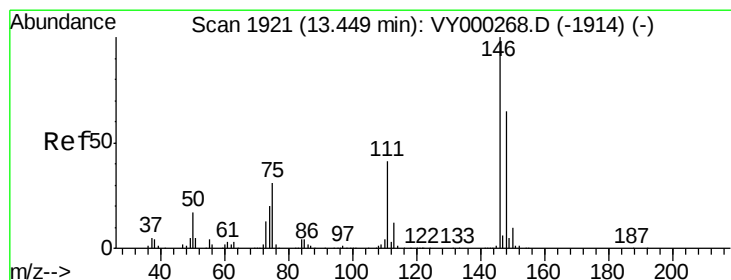
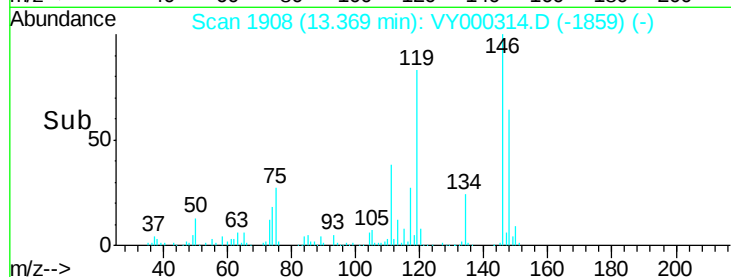
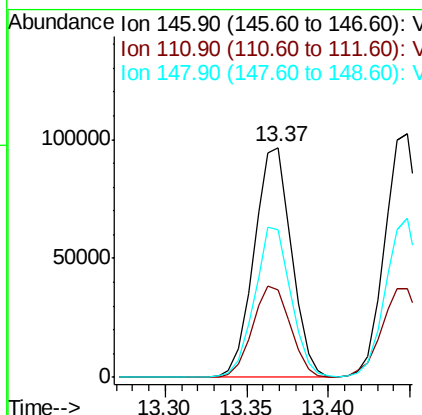
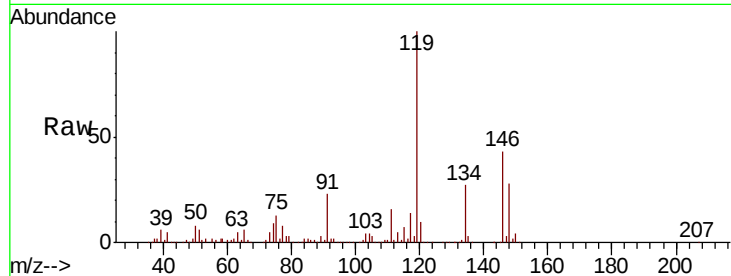
#87
 1,3-Dichlorobenzene
 Concen: 19.728 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. -0.00 min
 Lab File: VY000314.D
 Acq: 15 Oct 2019 12:54

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1015SBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	153397		
111	40.4	20.6	61.8	
148	63.8	31.9	95.5	

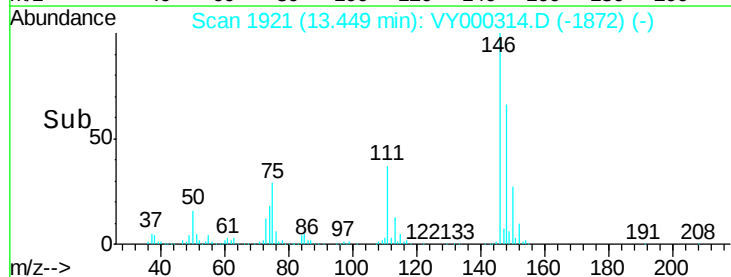
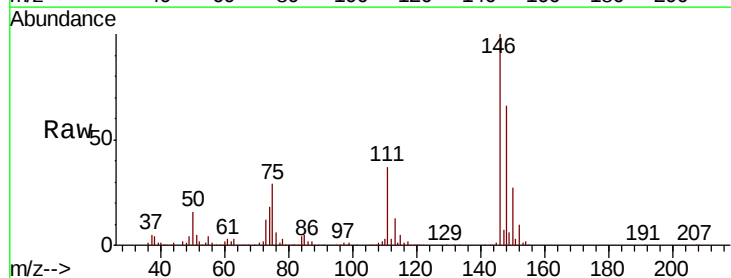
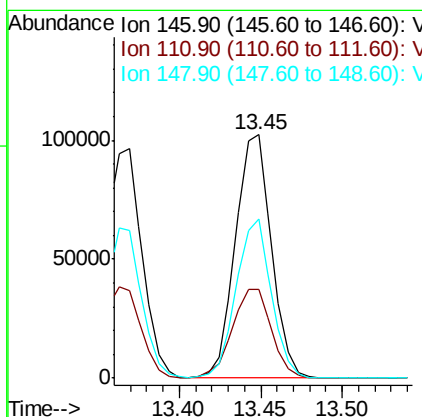
Manual Integrations
 APPROVED

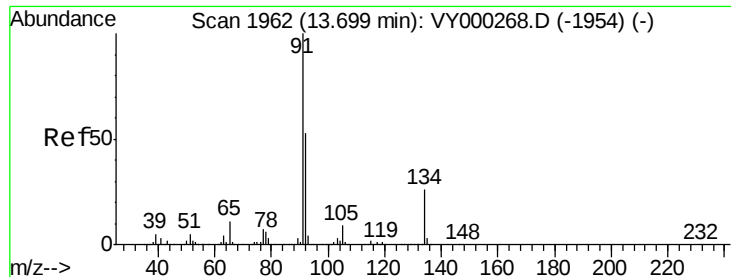
MMDadoda
 10/18/2019 12:40:21 AM



#88
 1,4-Dichlorobenzene
 Concen: 20.275 ug/l
 RT: 13.45 min Scan# 1921
 Delta R.T. -0.00 min
 Lab File: VY000314.D
 Acq: 15 Oct 2019 12:54

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	157570		
111	39.7	20.1	60.2	
148	63.8	32.4	97.2	





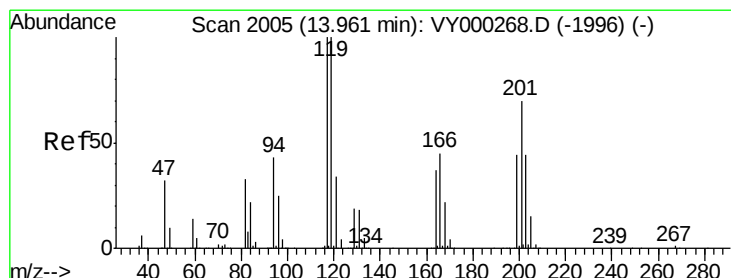
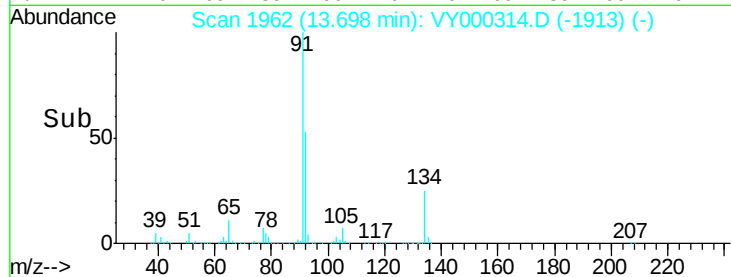
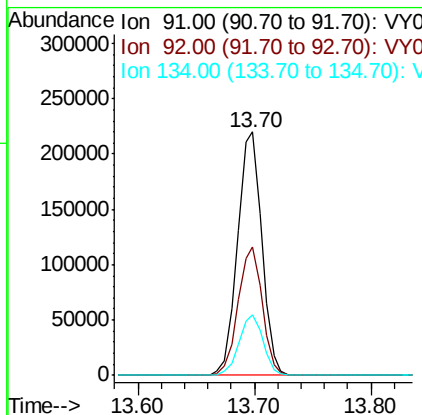
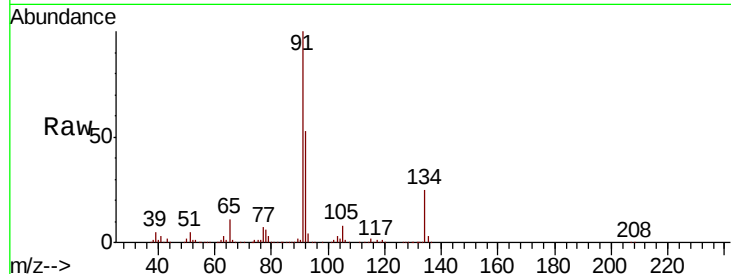
#89
n-Butylbenzene
Concen: 20.378 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. -0.00 min
Lab File: VY000314.D
Acq: 15 Oct 2019 12:54

Instrument :
MSVOA_Y
ClientSampleId :
VY1015SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.5	26.7	80.1
134	24.7	13.0	38.9

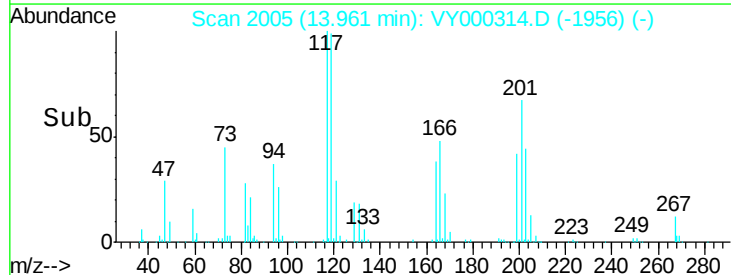
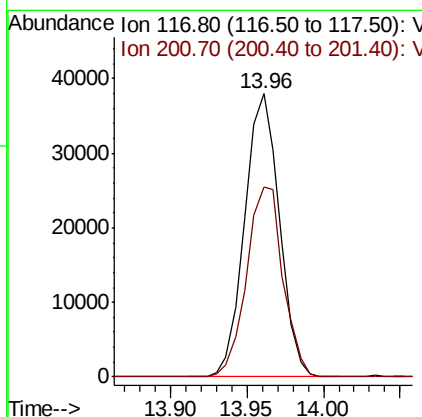
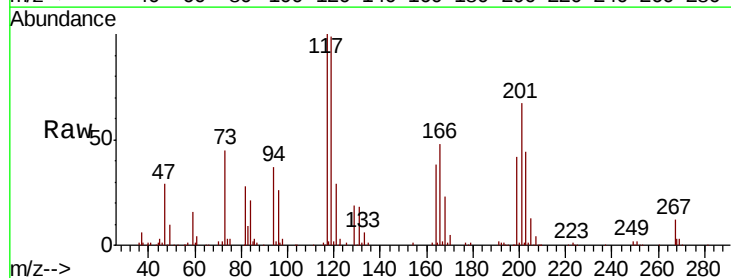
Manual Integrations
APPROVED

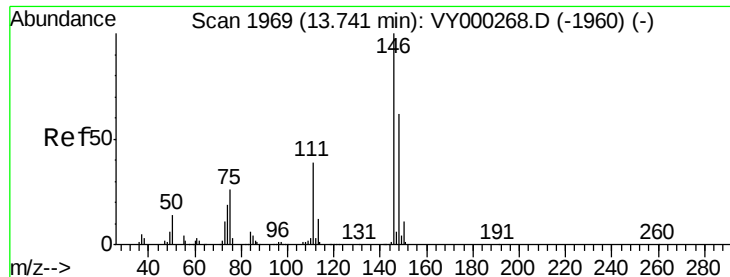
MMDadoda
10/18/2019 12:40:21 AM



#90
Hexachloroethane
Concen: 20.384 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.00 min
Lab File: VY000314.D
Acq: 15 Oct 2019 12:54

Tgt Ion	Ratio	Lower	Upper
117	100		
201	70.5	36.3	108.7





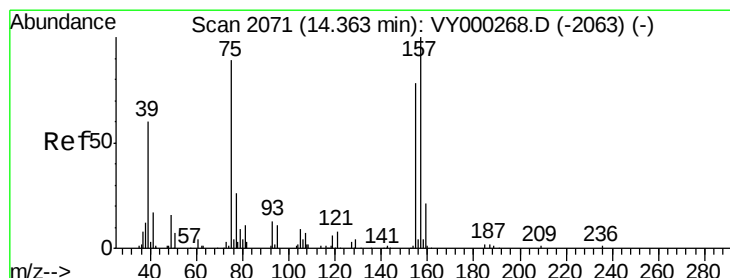
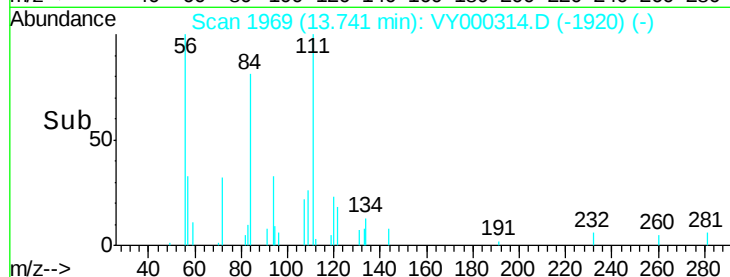
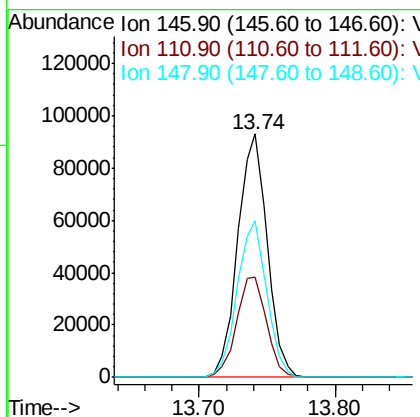
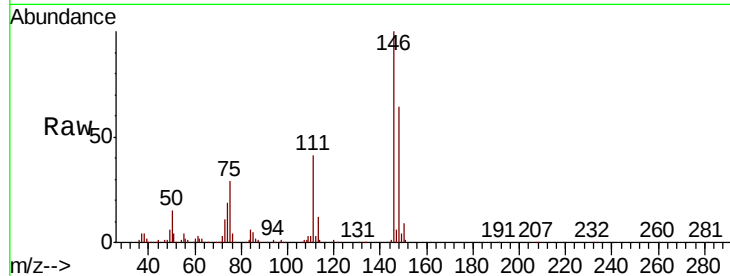
#91
 1,2-Dichlorobenzene
 Concen: 19.947 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. -0.00 min
 Lab File: VY000314.D
 Acq: 15 Oct 2019 12:54

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1015SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.0	20.5	61.5
148	64.2	31.6	95.0

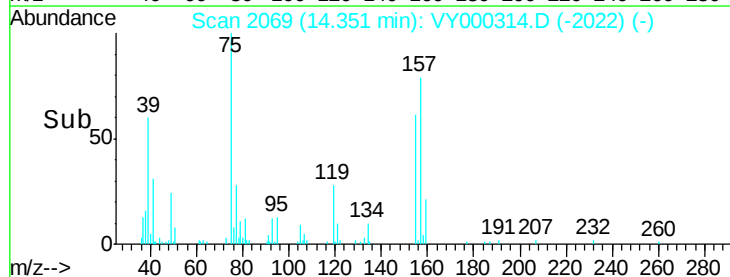
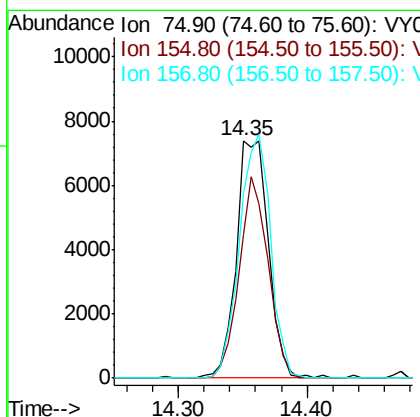
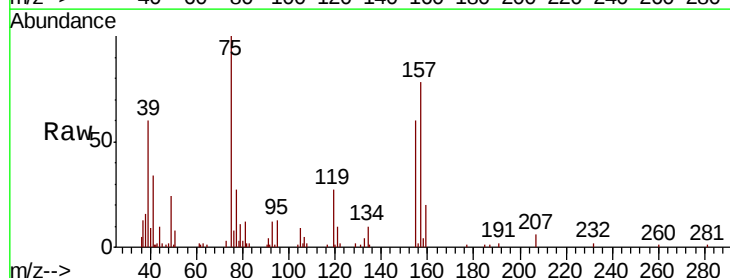
Manual Integrations
 APPROVED

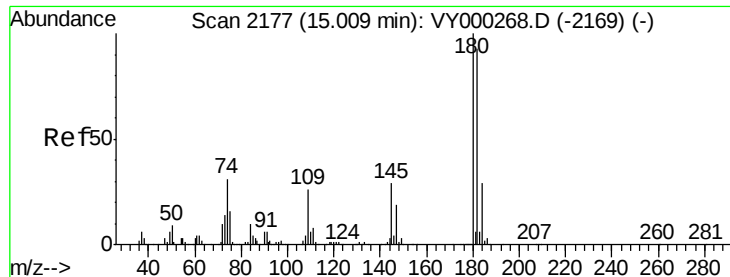
MMDadoda
 10/18/2019 12:40:21 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.177 ug/l
 RT: 14.35 min Scan# 2069
 Delta R.T. -0.01 min
 Lab File: VY000314.D
 Acq: 15 Oct 2019 12:54

Tgt Ion	Ratio	Lower	Upper
75	100		
155	76.2	45.8	137.3
157	98.7	55.6	166.9





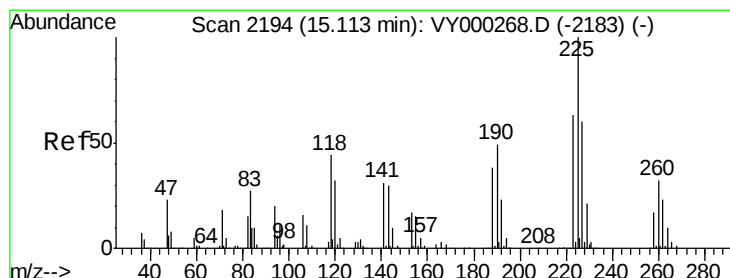
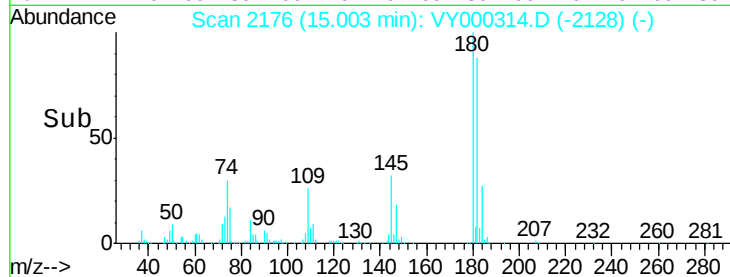
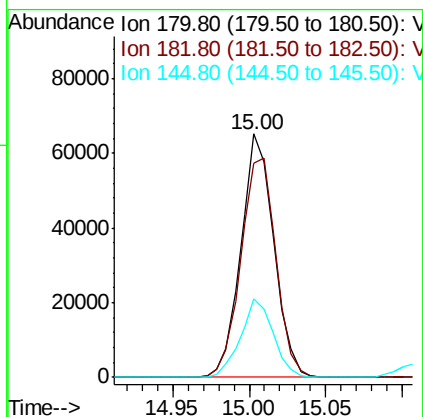
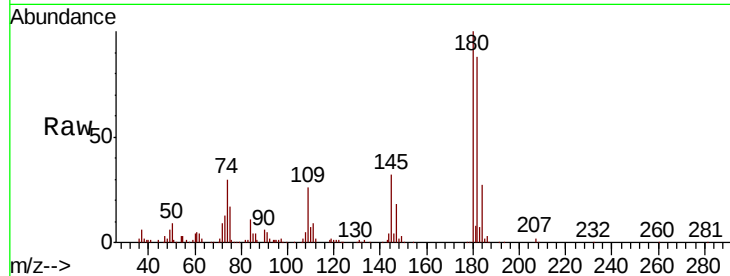
#93
 1,2,4-Trichlorobenzene
 Concen: 19.810 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. -0.01 min
 Lab File: VY000314.D
 Acq: 15 Oct 2019 12:54

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1015SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	96.0	47.5	142.6	
145	32.1	15.4	46.1	

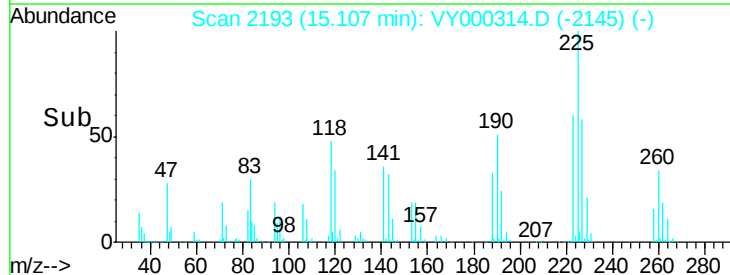
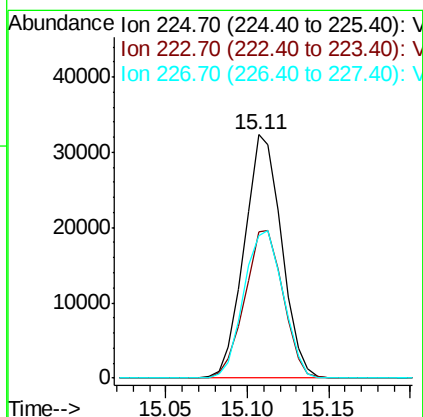
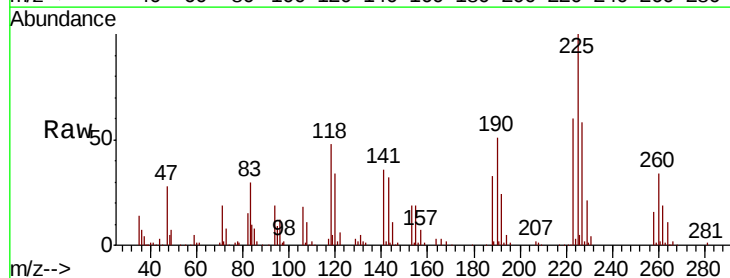
Manual Integrations
 APPROVED

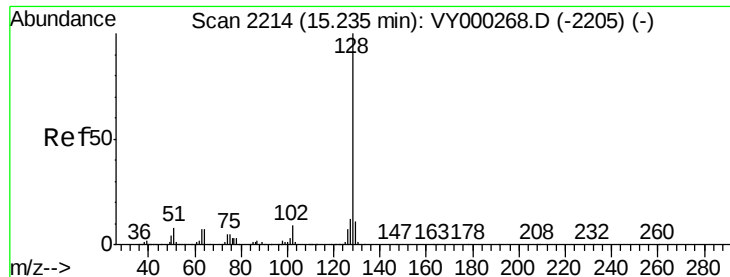
MMDadoda
 10/18/2019 12:40:21 AM



#94
 Hexachlorobutadiene
 Concen: 19.455 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: VY000314.D
 Acq: 15 Oct 2019 12:54

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.4	31.9	95.7	
227	63.7	31.4	94.2	





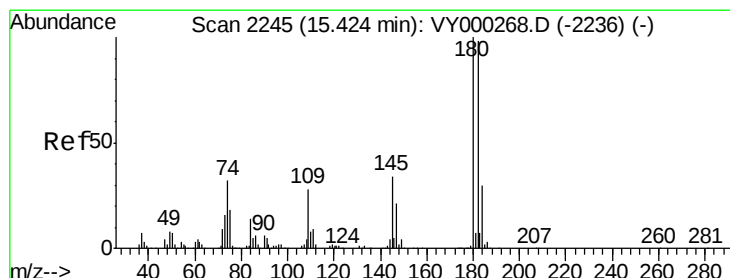
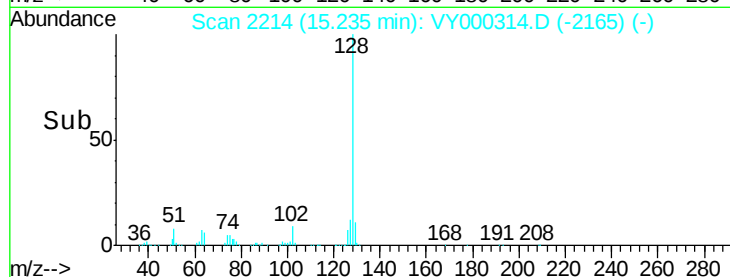
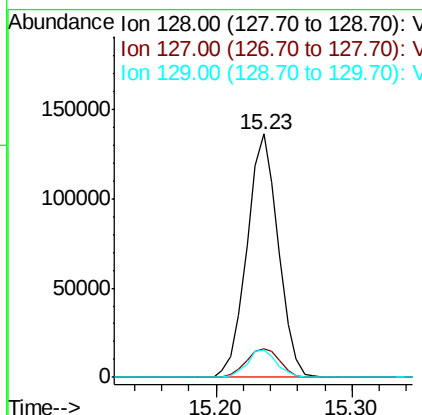
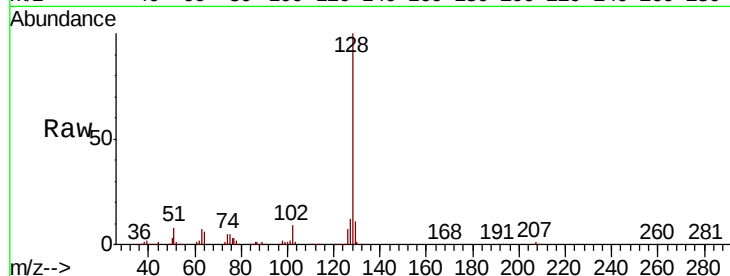
#95
Naphthalene
Concen: 20.107 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VY000314.D
Acq: 15 Oct 2019 12:54

Instrument :
MSVOA_Y
ClientSampleId :
VY1015SBS01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	219838		
127	12.8		9.6	14.4
129	10.9		8.7	13.1

Manual Integrations
APPROVED

MMDadoda
10/18/2019 12:40:21 AM



#96
1,2,3-Trichlorobenzene
Concen: 20.179 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. -0.00 min
Lab File: VY000314.D
Acq: 15 Oct 2019 12:54

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	89100		
182	96.9		46.5	139.5
145	32.7		16.2	48.5

