

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY102519\
 Data File : VY000421.D
 Acq On : 25 Oct 2019 12:08
 Operator : SY/MD
 Sample : VY1025SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1025SBS01

Manual Integrations
 APPROVED

MMDadoda
 10/28/2019 12:38:35 PM

Quant Time: Oct 26 02:06:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 17 02:03:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	212054	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	347910	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	313704	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	157719	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	121840	54.47	ug/l	0.00
Spiked Amount			Recovery	=	108.94%	
35) Dibromofluoromethane	7.72	113	108356	51.63	ug/l	0.00
Spiked Amount			Recovery	=	103.26%	
50) Toluene-d8	10.18	98	434511	53.82	ug/l	0.00
Spiked Amount			Recovery	=	107.64%	
62) 4-Bromofluorobenzene	12.48	95	155384	50.66	ug/l	0.00
Spiked Amount			Recovery	=	101.32%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.90	85	43163	23.455	ug/l	97
3) Chloromethane	2.12	50	63211	24.394	ug/l	98
4) Vinyl Chloride	2.25	62	56500	21.605	ug/l	99
5) Bromomethane	2.64	94	35134	18.128	ug/l	97
6) Chloroethane	2.79	64	36967	21.908	ug/l	100
7) Trichlorofluoromethane	3.12	101	80539	22.515	ug/l	95
8) Diethyl Ether	3.53	74	28896	22.866	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.91	101	47708	21.991	ug/l	98
10) Methyl Iodide	4.10	142	50637	17.184	ug/l	99
11) Tert butyl alcohol	4.96	59	24524	104.765	ug/l	99
12) 1,1-Dichloroethene	3.87	96	48037	22.429	ug/l	96
13) Acrolein	3.73	56	19883	72.449	ug/l	95
14) Allyl chloride	4.48	41	76980	21.690	ug/l	99
15) Acrylonitrile	5.18	53	75883	107.282	ug/l	99
16) Acetone	3.96	43	71797	99.115	ug/l	100
17) Carbon Disulfide	4.19	76	135188	20.048	ug/l	99
18) Methyl Acetate	4.49	43	37064	20.593	ug/l	95
19) Methyl tert-butyl Ether	5.23	73	133055	22.317	ug/l	98
20) Methylene Chloride	4.72	84	58545	20.814	ug/l	97
21) trans-1,2-Dichloroethene	5.22	96	54684	22.255	ug/l	95
22) Diisopropyl ether	6.13	45	167749	22.347	ug/l	94
23) Vinyl Acetate	6.07	43	532301	108.695	ug/l	97
24) 1,1-Dichloroethane	6.02	63	89754	21.905	ug/l	99
25) 2-Butanone	7.00	43	107646	105.491	ug/l	96
26) 2,2-Dichloropropane	6.99	77	83657	22.157	ug/l	100
27) cis-1,2-Dichloroethene	6.99	96	59586	22.411	ug/l	98
28) Bromochloromethane	7.35	49	35464	20.162	ug/l #	96
29) Tetrahydrofuran	7.36	42	64207	103.825	ug/l	97
30) Chloroform	7.52	83	94406	22.879	ug/l	92
31) Cyclohexane	7.79	56	91038	21.273	ug/l	96
32) 1,1,1-Trichloroethane	7.71	97	81726	22.278	ug/l	99
36) 1,1-Dichloropropene	7.92	75	73380	21.543	ug/l	99
37) Ethyl Acetate	7.08	43	42859	21.250	ug/l	98
38) Carbon Tetrachloride	7.91	117	72206	21.893	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	95805	21.490	ug/l	97
40) Benzene	8.17	78	217364	22.082	ug/l	99
41) Methacrylonitrile	7.32	41	23501m	24.479	ug/l	
42) 1,2-Dichloroethane	8.25	62	62147	22.102	ug/l	99
43) Isopropyl Acetate	8.28	43	82005	21.383	ug/l	98
44) Trichloroethene	8.94	130	60350	21.850	ug/l	96
45) 1,2-Dichloropropane	9.22	63	54669	22.631	ug/l	98
46) Dibromomethane	9.31	93	29523	21.862	ug/l	98
47) Bromodichloromethane	9.50	83	71505	22.468	ug/l	100
48) Methyl methacrylate	9.30	41	36812	21.903	ug/l	96
49) 1,4-Dioxane	9.30	88	8664	427.900	ug/l	99
51) 4-Methyl-2-Pentanone	10.08	43	215634	109.017	ug/l	100
52) Toluene	10.25	92	140000	22.401	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	75771	22.216	ug/l	95
54) cis-1,3-Dichloropropene	9.93	75	85305	22.024	ug/l	98
55) 1,1,2-Trichloroethane	10.65	97	44159	22.490	ug/l	96
56) Ethyl methacrylate	10.52	69	61658	22.032	ug/l	97
57) 1,3-Dichloropropane	10.80	76	76465	22.676	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.79	63	134552	120.536	ug/l	99
59) 2-Hexanone	10.83	43	160413	115.540	ug/l	98
60) Dibromochloromethane	10.99	129	48974	22.504	ug/l	99
61) 1,2-Dibromoethane	11.10	107	41585	22.058	ug/l	99
64) Tetrachloroethene	10.72	164	60441	20.238	ug/l	98
65) Chlorobenzene	11.52	112	147354	22.257	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	52835	22.718	ug/l	99
67) Ethyl Benzene	11.60	91	268218	21.854	ug/l	99
68) m/p-Xylenes	11.70	106	208028	44.339	ug/l	98
69) o-Xylene	12.03	106	98423	21.990	ug/l	98
70) Styrene	12.05	104	162431	21.519	ug/l	100
71) Bromoform	12.21	173	29946	22.399	ug/l #	100
73) Isopropylbenzene	12.33	105	261674	21.278	ug/l	99
74) N-amyl acetate	12.14	43	71709	23.752	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	51704	22.392	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	31221m	16.098	ug/l	
77) Bromobenzene	12.61	156	60440	22.086	ug/l	94
78) n-propylbenzene	12.67	91	316169	21.413	ug/l	99
79) 2-Chlorotoluene	12.75	91	175453	21.516	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	219460	21.282	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	17677	19.943	ug/l	94
82) 4-Chlorotoluene	12.86	91	185657	21.539	ug/l	98
83) tert-Butylbenzene	13.08	119	194176	22.235	ug/l	98
84) 1,2,4-Trimethylbenzene	13.12	105	219410	21.558	ug/l	99
85) sec-Butylbenzene	13.25	105	272405	21.563	ug/l	98
86) p-Isopropyltoluene	13.37	119	241634	21.940	ug/l	100
87) 1,3-Dichlorobenzene	13.37	146	118451	21.969	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	116508	21.619	ug/l	98
89) n-Butylbenzene	13.70	91	232480	21.360	ug/l	97
90) Hexachloroethane	13.96	117	44350	21.746	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	110031	22.550	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.36	75	9608	21.940	ug/l	92

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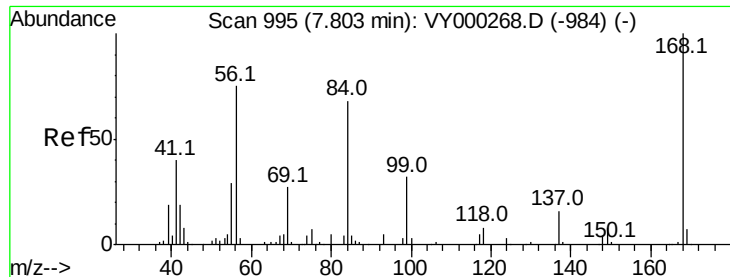
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	76032	22.380	ug/l	99
94) Hexachlorobutadiene	15.11	225	39360	21.409	ug/l	99
95) Naphthalene	15.23	128	161532	21.306	ug/l	98
96) 1,2,3-Trichlorobenzene	15.42	180	68294	22.305	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY000421.D

Acq: 25 Oct 2019 12:08

Instrument :

MSVOA_Y

ClientSampleId :

VY1025SBS01

Tot Ion:168 Resp: 212054

Ion Ratio Lower Upper

168 100

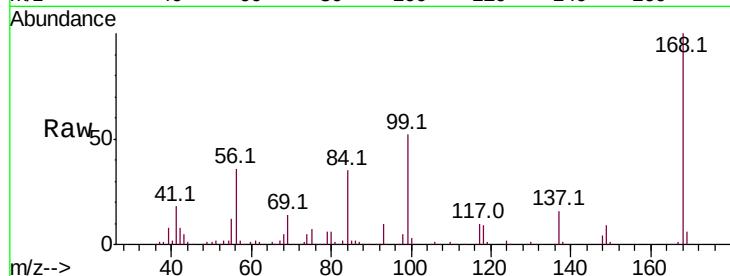
99 52.4 46.6 69.8

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

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

7.80

100000

80000

60000

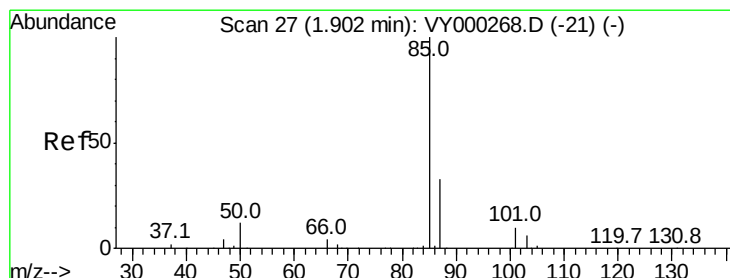
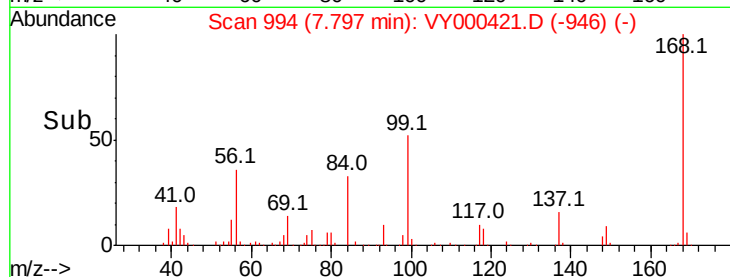
40000

20000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 23.455 ug/l

RT: 1.90 min Scan# 27

Delta R.T. 0.00 min

Lab File: VY000421.D

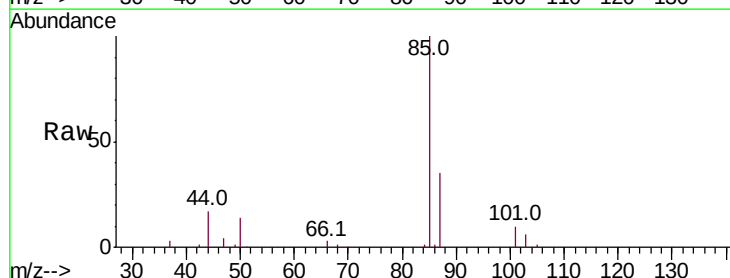
Acq: 25 Oct 2019 12:08

Tgt Ion: 85 Resp: 43163

Ion Ratio Lower Upper

85 100

87 35.0 16.6 49.8



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

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

1.90

30000

25000

20000

15000

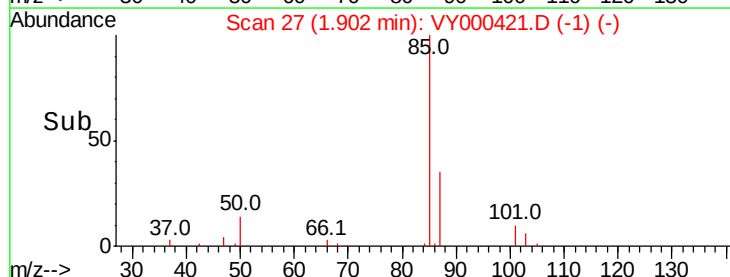
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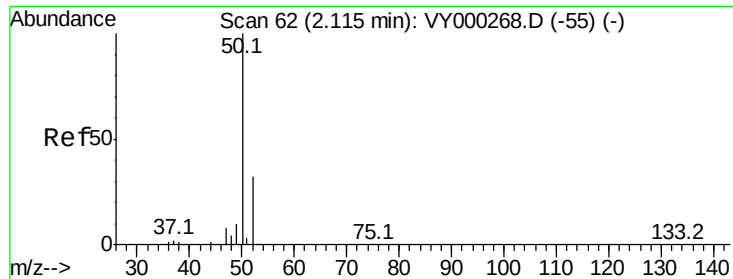
5000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 24.394 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY000421.D

Acq: 25 Oct 2019 12:08

Instrument :

MSVOA_Y

ClientSampleId :

VY1025SBS01

Tot Ion: 50 Resp: 63211

Ion Ratio Lower Upper

50 100

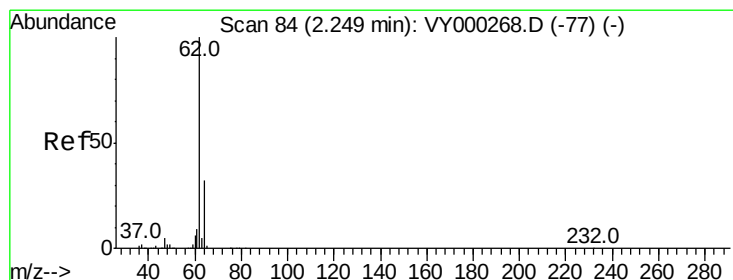
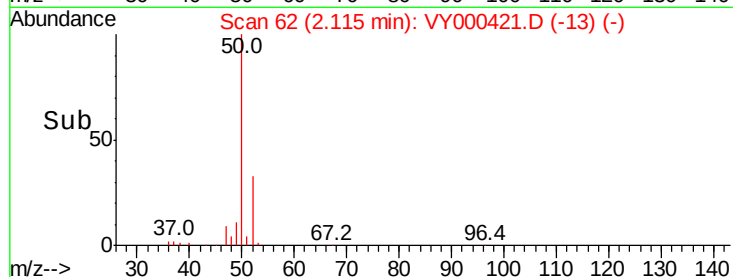
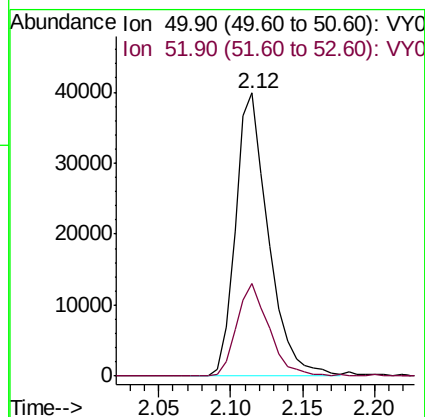
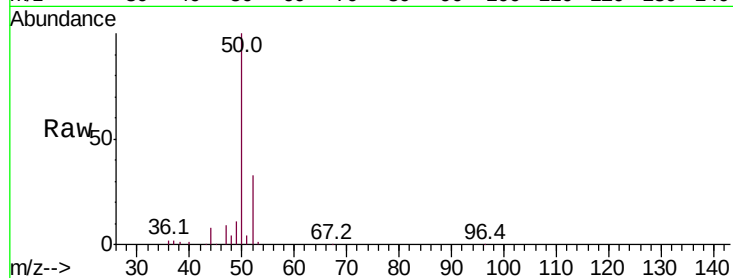
52 32.9 25.3 37.9

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#4

Vinyl Chloride

Concen: 21.605 ug/l

RT: 2.25 min Scan# 84

Delta R.T. -0.00 min

Lab File: VY000421.D

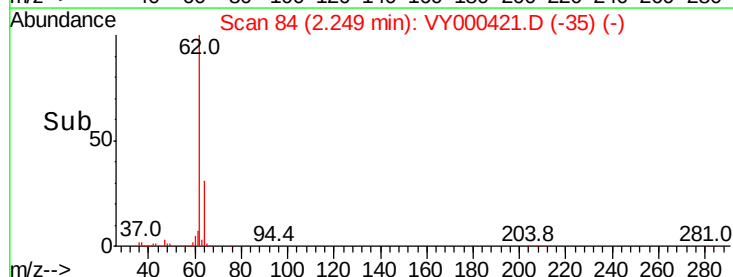
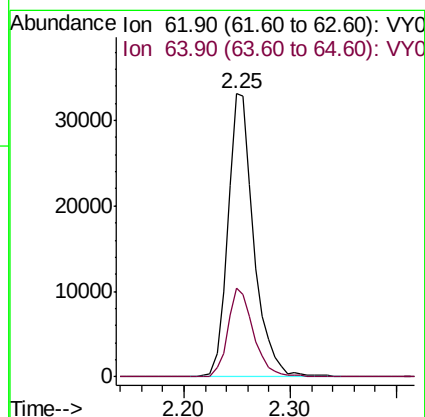
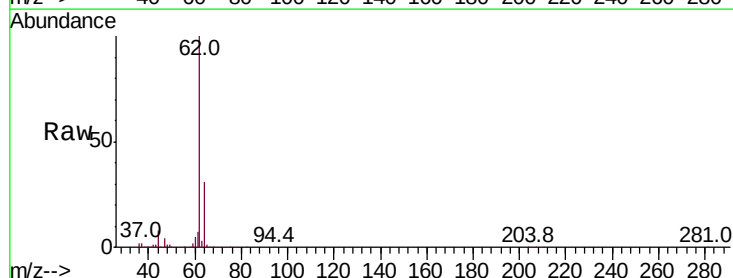
Acq: 25 Oct 2019 12:08

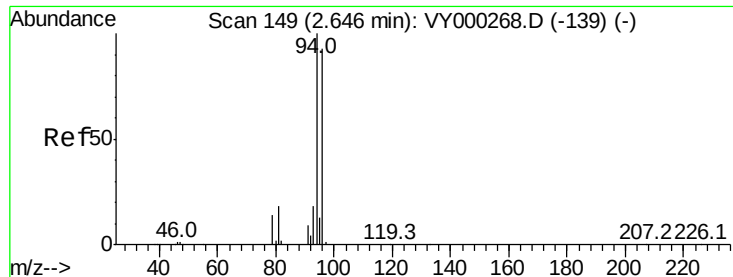
Tgt Ion: 62 Resp: 56500

Ion Ratio Lower Upper

62 100

64 31.3 25.6 38.4





#5

Bromomethane

Concen: 18.128 ug/l

RT: 2.64 min Scan# 148

Delta R.T. -0.01 min

Lab File: VY000421.D

Acq: 25 Oct 2019 12:08

Instrument :

MSVOA_Y

ClientSampleId :

VY1025SBS01

Tot Ion: 94 Resp: 35134

Ion Ratio Lower Upper

94 100

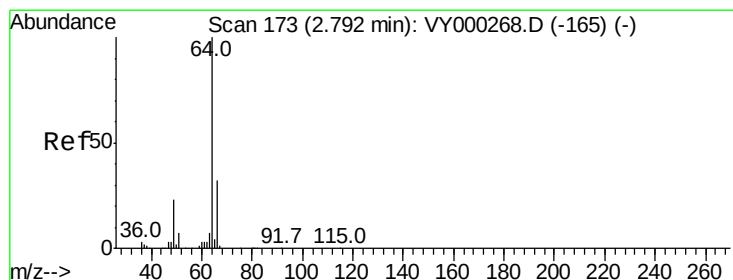
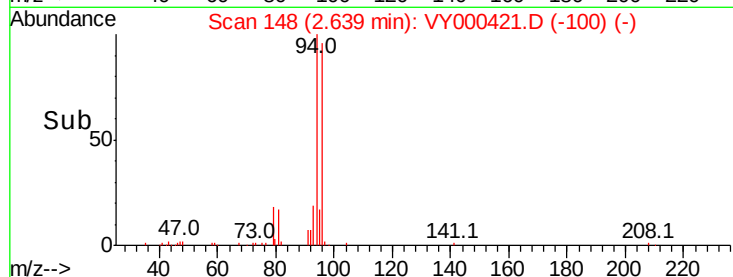
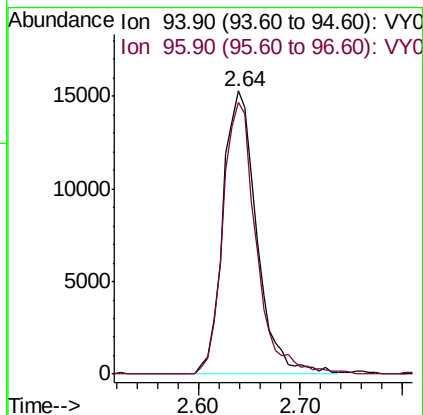
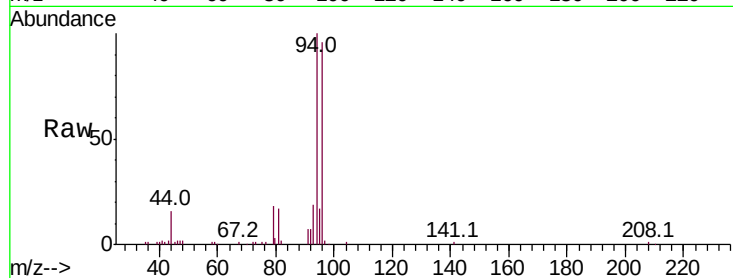
96 95.9 74.2 111.2

Manual Integrations

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#6

Chloroethane

Concen: 21.908 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.00 min

Lab File: VY000421.D

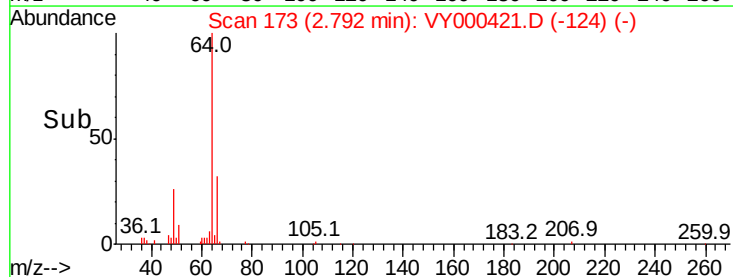
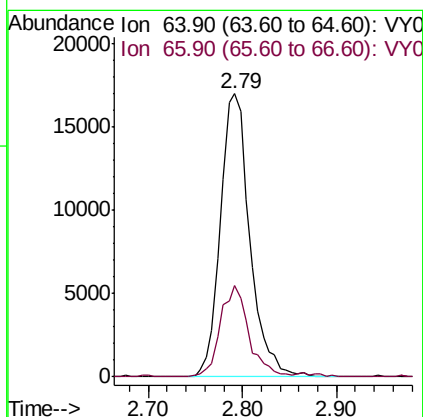
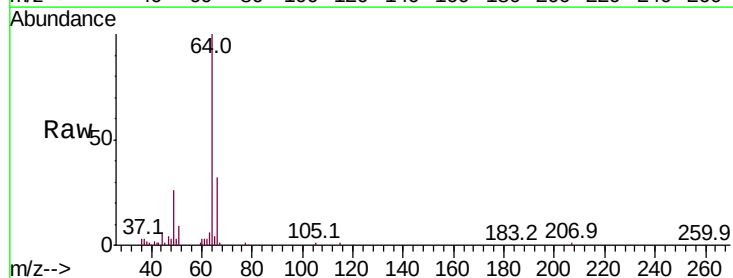
Acq: 25 Oct 2019 12:08

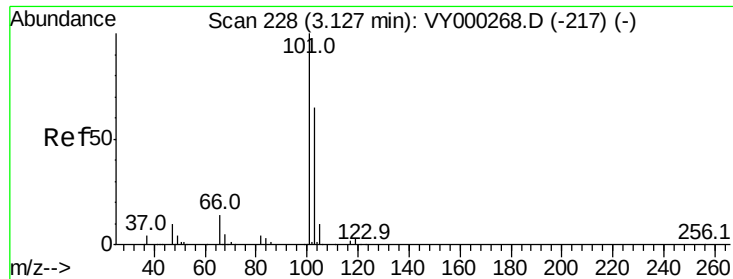
Tgt Ion: 64 Resp: 36967

Ion Ratio Lower Upper

64 100

66 32.1 25.6 38.4





#7

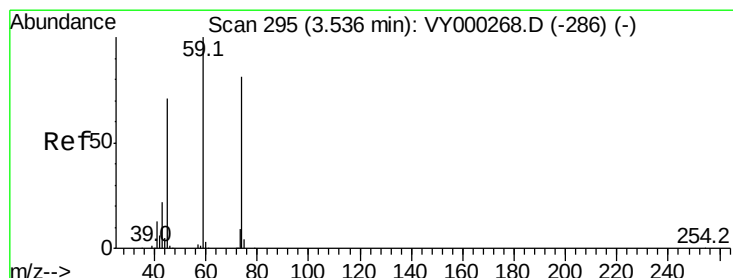
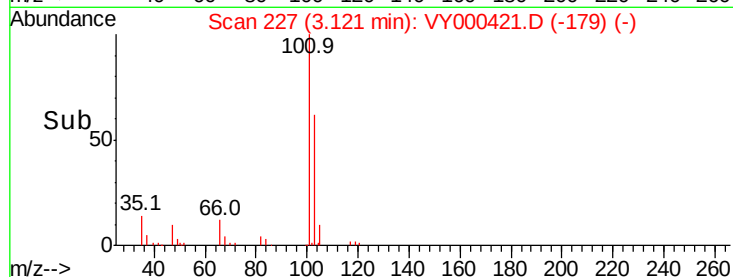
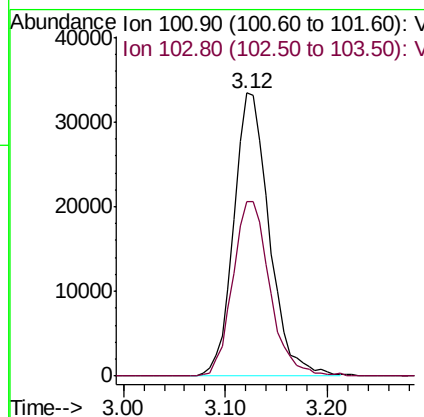
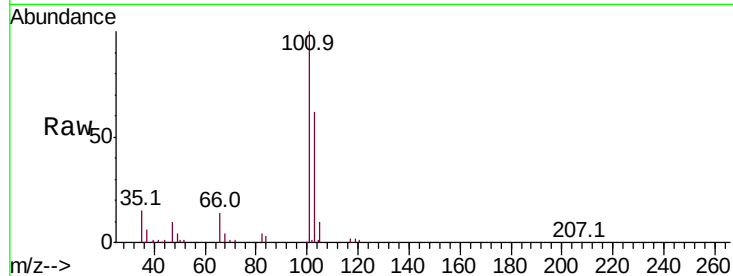
Trichlorofluoromethane
Concen: 22.515 ug/l
RT: 3.12 min Scan# 227
Delta R.T. -0.01 min
Lab File: VY000421.D
Acq: 25 Oct 2019 12:08

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ClientSampleId :
VY1025SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	61.7	52.2	78.4

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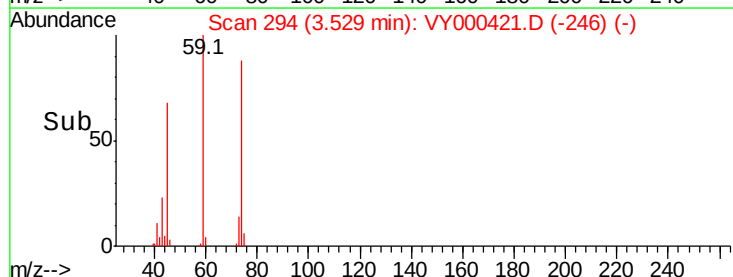
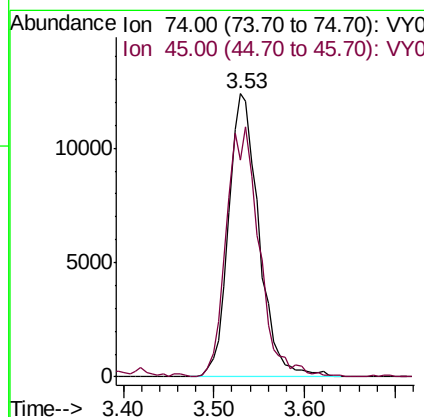
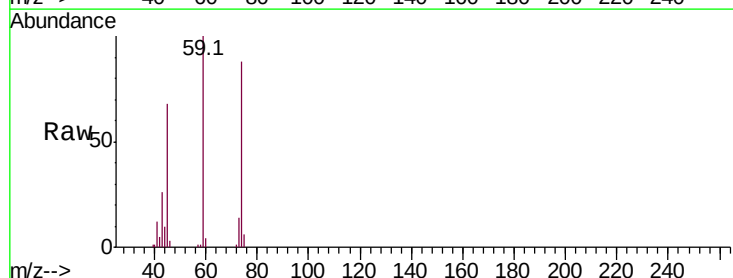
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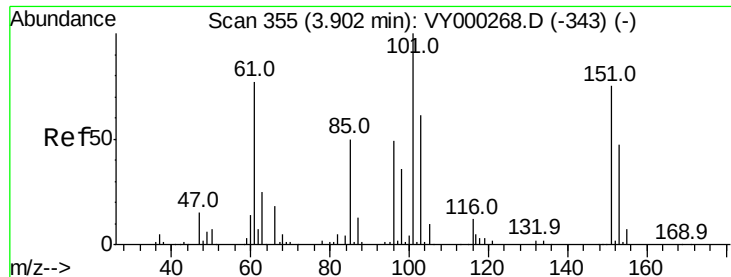


#8

Diethyl Ether
Concen: 22.866 ug/l
RT: 3.53 min Scan# 294
Delta R.T. -0.01 min
Lab File: VY000421.D
Acq: 25 Oct 2019 12:08

Tgt Ion	Ratio	Lower	Upper
74	100		
45	95.4	47.1	141.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.991 ug/l

RT: 3.91 min Scan# 356

Delta R.T. 0.01 min

Lab File: VY000421.D

Acq: 25 Oct 2019 12:08

Instrument :

MSVOA_Y

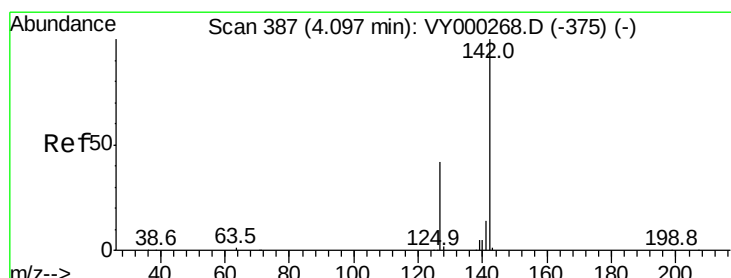
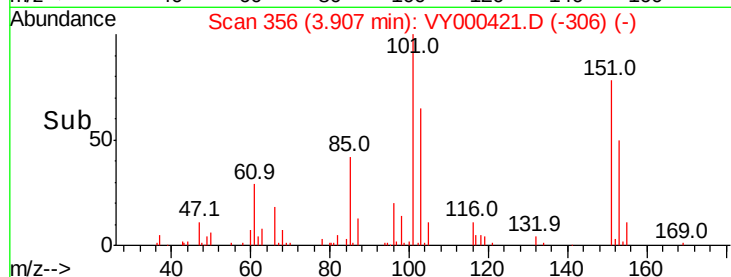
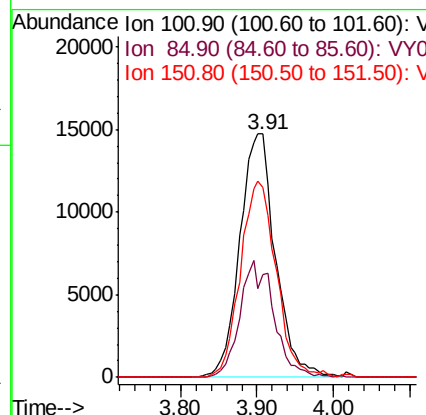
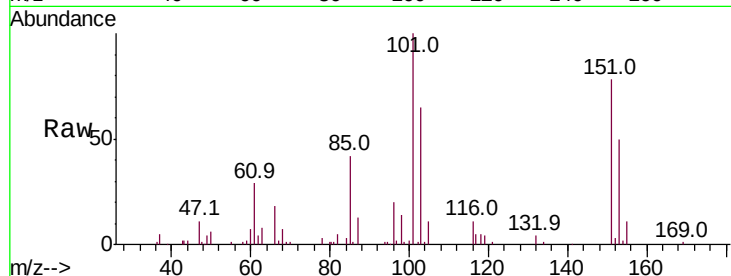
ClientSampleId :

VY1025SBS01

Tot Ion:	101	Resp:	47708
Ion Ratio	Lower	Upper	
101	100		
85	45.5	36.6	55.0
151	80.9	63.1	94.7

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#10

Methyl Iodide

Concen: 17.184 ug/l

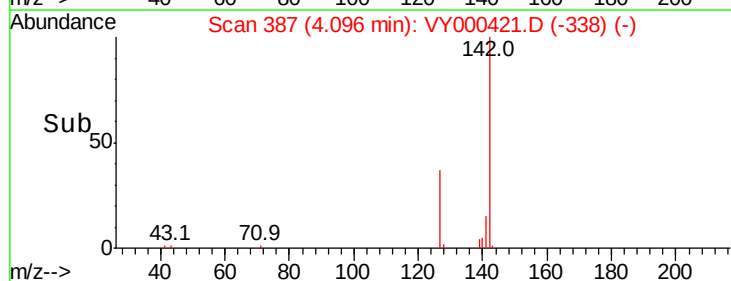
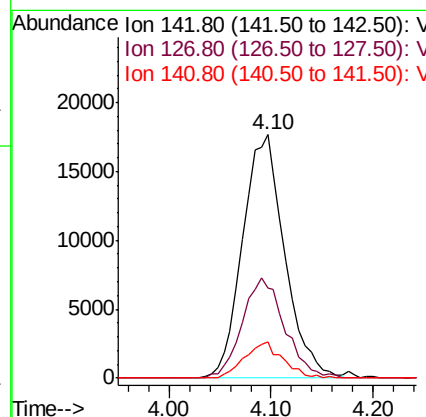
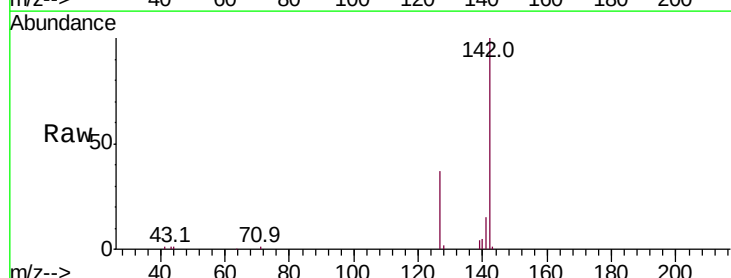
RT: 4.10 min Scan# 387

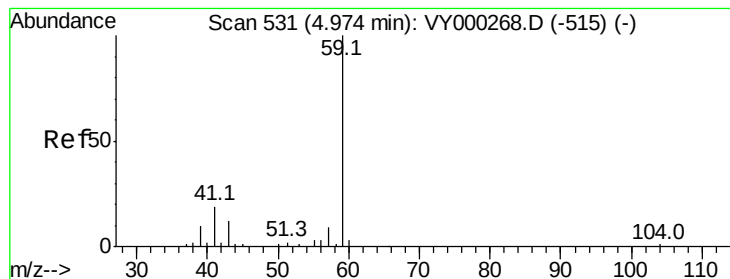
Delta R.T. 0.00 min

Lab File: VY000421.D

Acq: 25 Oct 2019 12:08

Tgt Ion:	142	Resp:	50637
Ion Ratio	Lower	Upper	
142	100		
127	41.5	33.9	50.9
141	13.6	11.2	16.8





#11

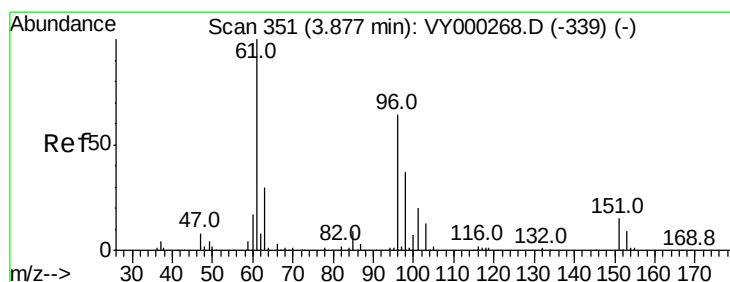
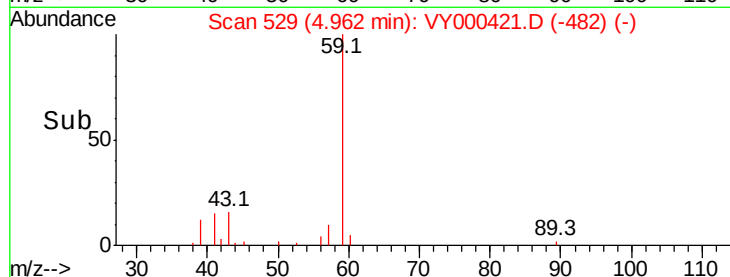
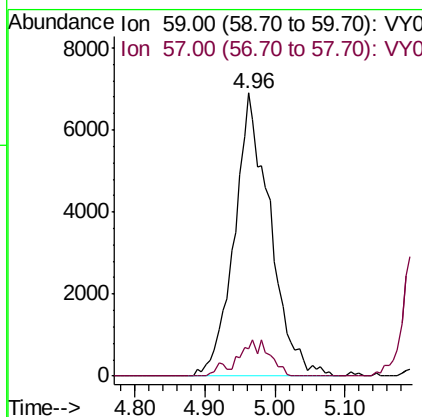
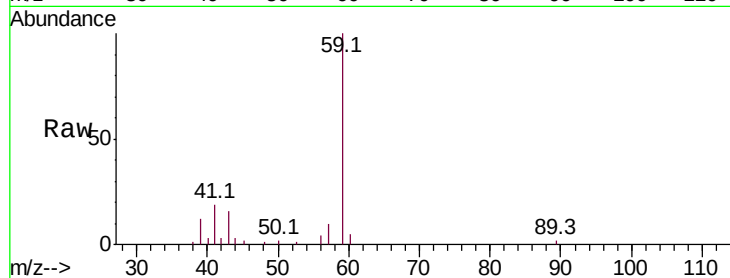
Tert butyl alcohol
 Concen: 104.765 ug/l
 RT: 4.96 min Scan# 529
 Delta R.T. -0.01 min
 Lab File: VY000421.D
 Acq: 25 Oct 2019 12:08

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1025SBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.9	8.2	12.2

Manual Integrations
 APPROVED

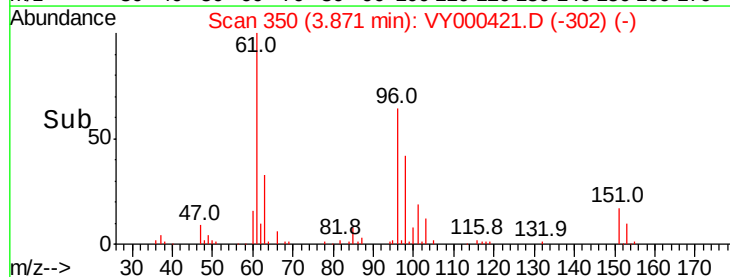
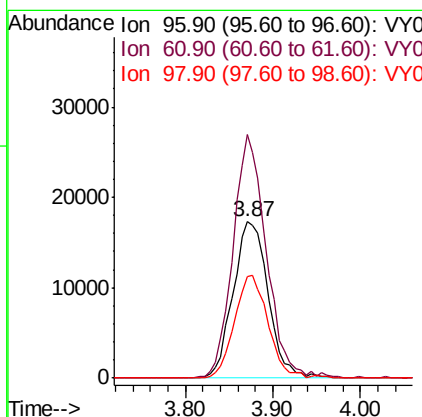
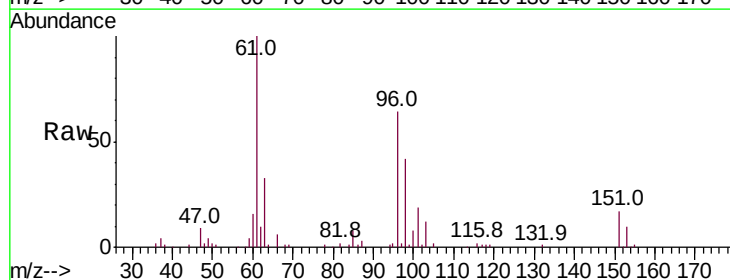
MMDadoda
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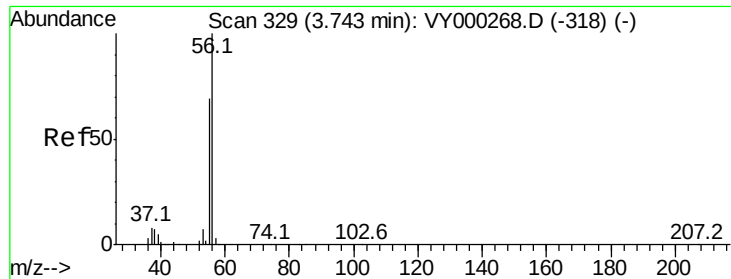


#12

1,1-Dichloroethene
 Concen: 22.429 ug/l
 RT: 3.87 min Scan# 350
 Delta R.T. -0.01 min
 Lab File: VY000421.D
 Acq: 25 Oct 2019 12:08

Tgt Ion	Ratio	Lower	Upper
96	100		
61	155.6	125.8	188.6
98	64.9	46.2	69.2





#13

Acrolein

Concen: 72.449 ug/l

RT: 3.73 min Scan# 327

Delta R.T. -0.01 min

Lab File: VY000421.D

Acq: 25 Oct 2019 12:08

Instrument :

MSVOA_Y

ClientSampleId :

VY1025SBS01

Tot Ion: 56 Resp: 19883

Ion Ratio Lower Upper

56 100

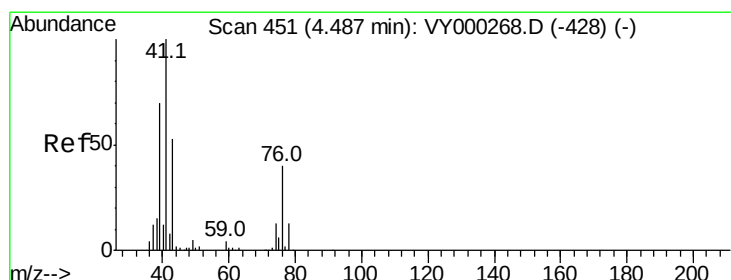
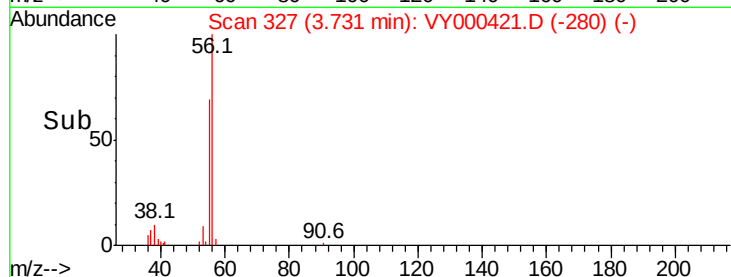
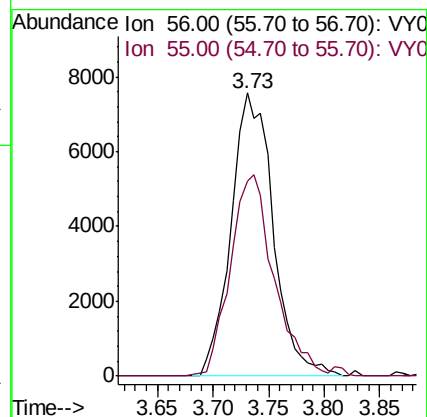
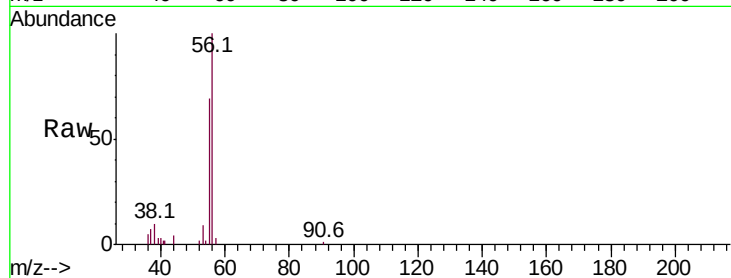
55 73.8 55.7 83.5

Manual Integrations

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#14

Allyl chloride

Concen: 21.690 ug/l

RT: 4.48 min Scan# 450

Delta R.T. -0.01 min

Lab File: VY000421.D

Acq: 25 Oct 2019 12:08

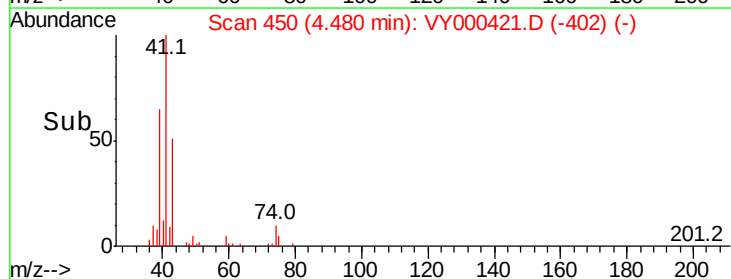
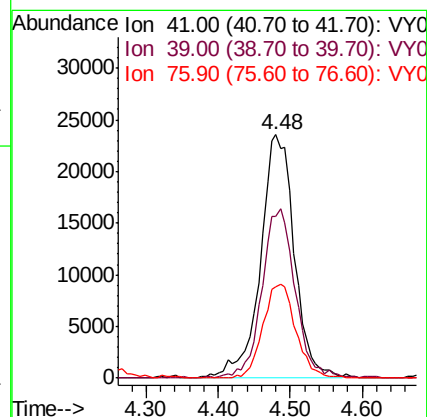
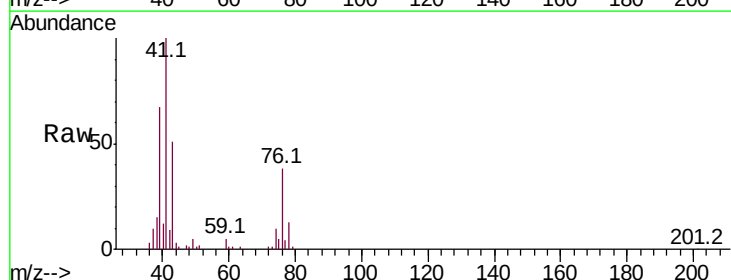
Tgt Ion: 41 Resp: 76980

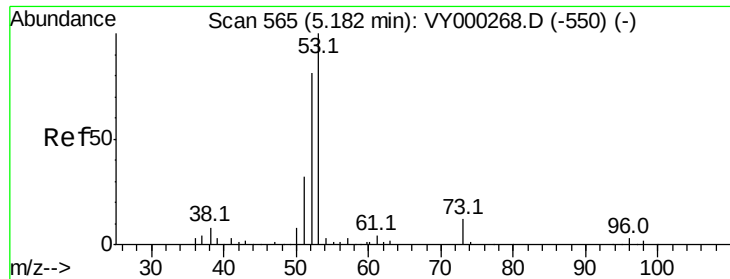
Ion Ratio Lower Upper

41 100

39 68.7 54.0 81.0

76 37.7 30.7 46.1





#15

Acrylonitrile

Concen: 107.282 ug/l

RT: 5.18 min Scan# 564

Delta R.T. -0.01 min

Lab File: VY000421.D

Acq: 25 Oct 2019 12:08

Instrument :

MSVOA_Y

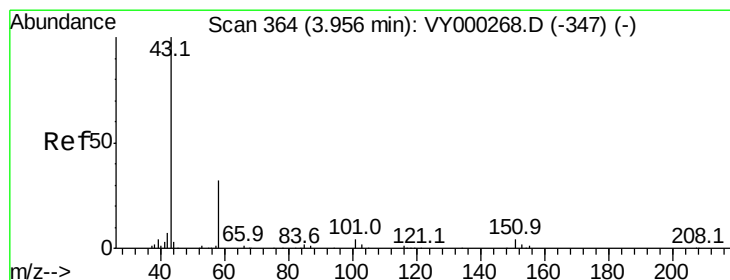
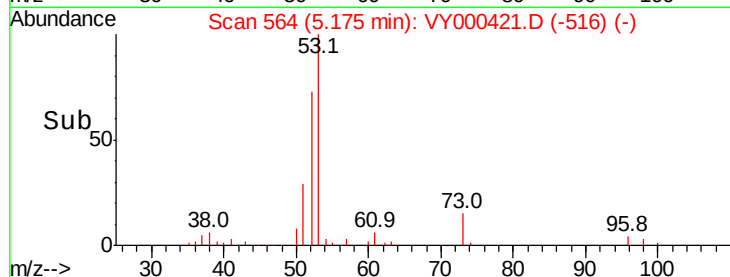
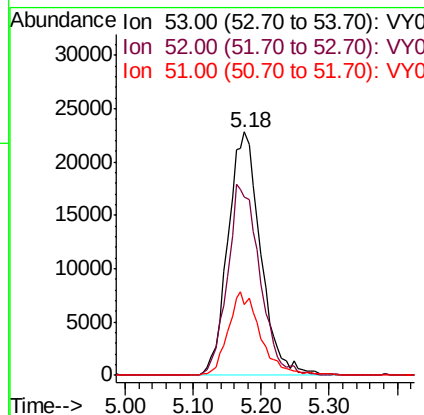
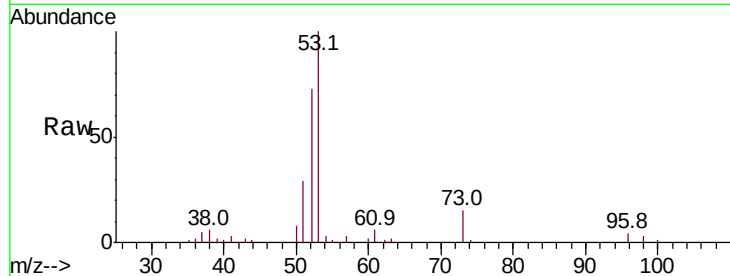
ClientSampleId :

VY1025SBS01

Tot Ion:	53	Resp:	75883
Ion	Ratio	Lower	Upper
53	100		
52	77.6	62.9	94.3
51	34.3	26.9	40.3

Manual Integrations
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#16

Acetone

Concen: 99.115 ug/l

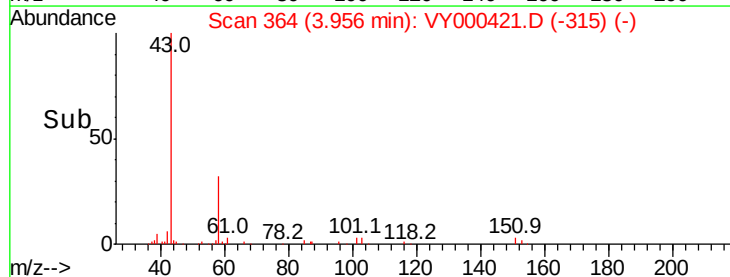
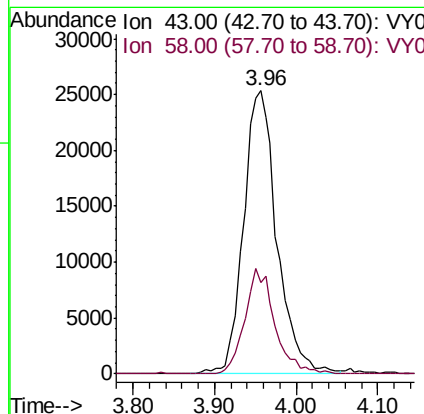
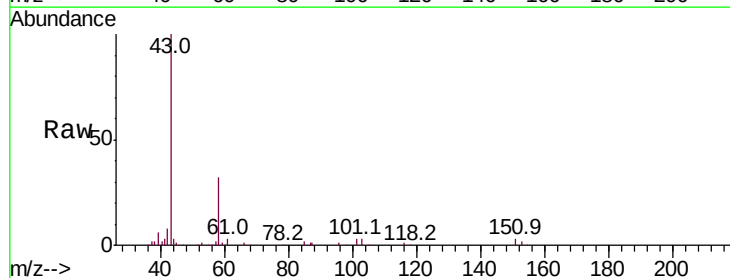
RT: 3.96 min Scan# 364

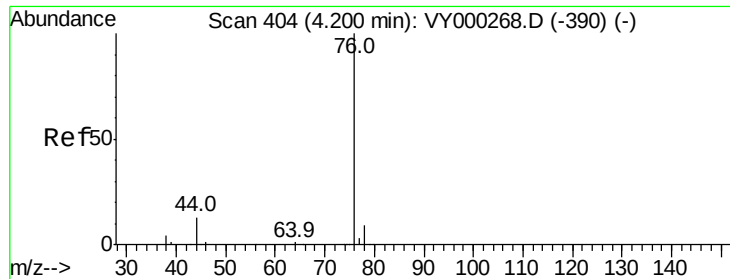
Delta R.T. -0.00 min

Lab File: VY000421.D

Acq: 25 Oct 2019 12:08

Tgt Ion:	43	Resp:	71797
Ion	Ratio	Lower	Upper
43	100		
58	32.2	25.8	38.6





#17

Carbon Disulfide

Concen: 20.048 ug/l

RT: 4.19 min Scan# 403

Delta R.T. -0.01 min

Lab File: VY000421.D

Acq: 25 Oct 2019 12:08

Instrument :

MSVOA_Y

ClientSampleId :

VY1025SBS01

Tot Ion: 76 Resp: 135188

Ion Ratio Lower Upper

76 100

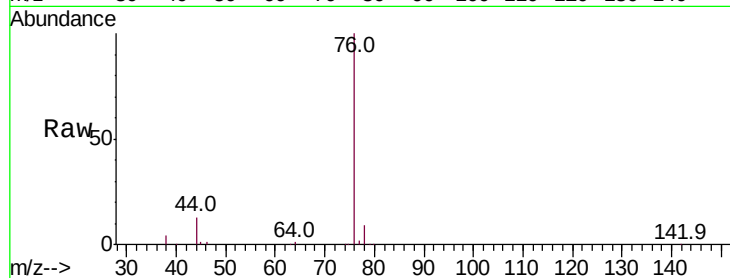
78 9.1 7.0 10.4

Manual Integrations

APPROVED

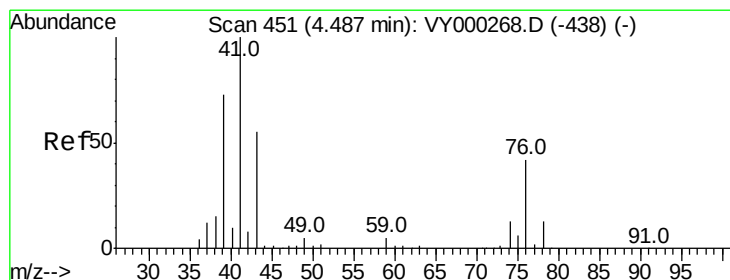
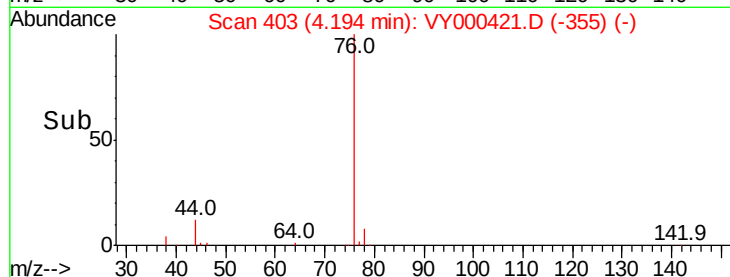
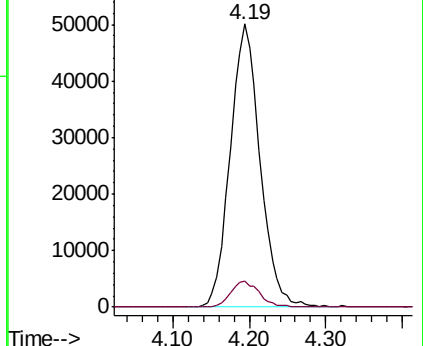
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Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 20.593 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.00 min

Lab File: VY000421.D

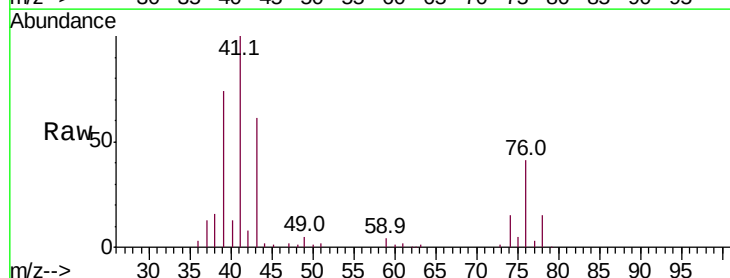
Acq: 25 Oct 2019 12:08

Tgt Ion: 43 Resp: 37064

Ion Ratio Lower Upper

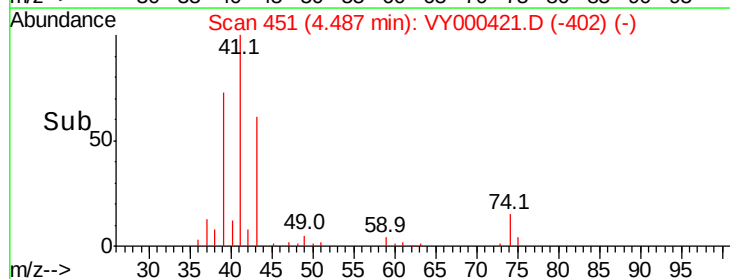
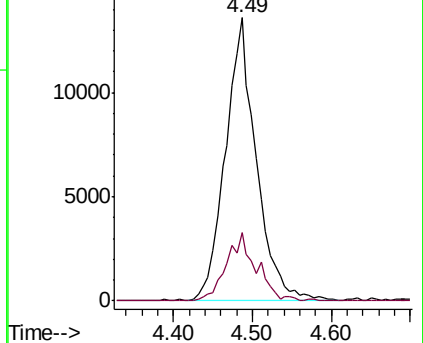
43 100

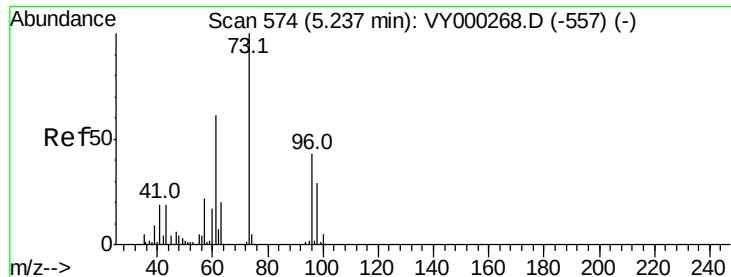
74 22.9 20.4 30.6



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0





#19

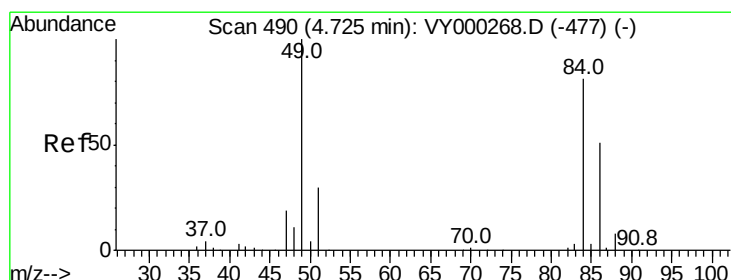
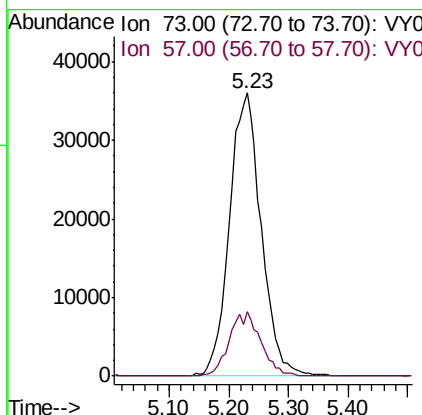
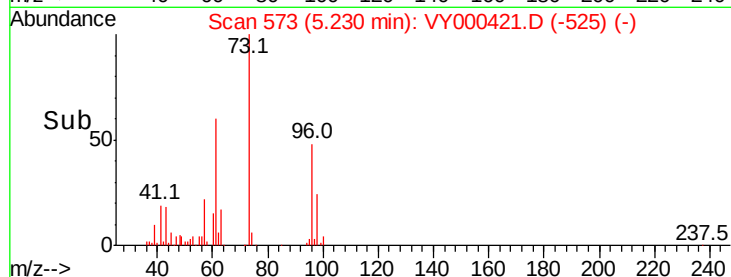
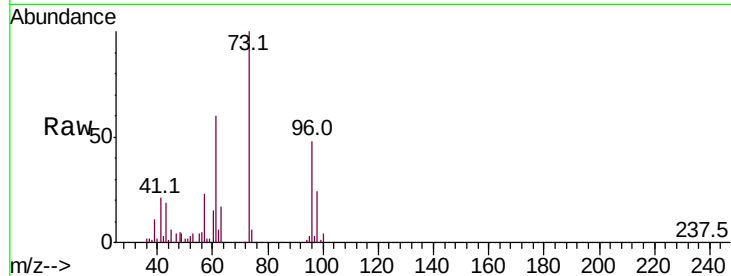
Methyl tert-butyl Ether
 Concen: 22.317 ug/l
 RT: 5.23 min Scan# 573
 Delta R.T. -0.01 min
 Lab File: VY000421.D
 Acq: 25 Oct 2019 12:08

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1025SBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.9	17.4	26.0

Manual Integrations
 APPROVED

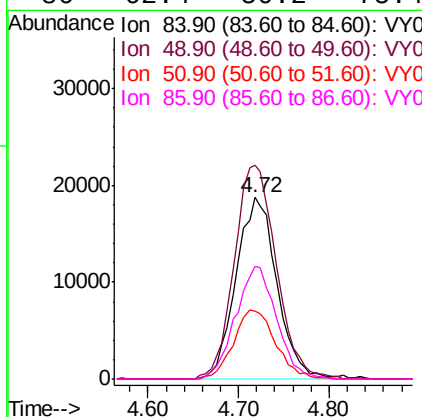
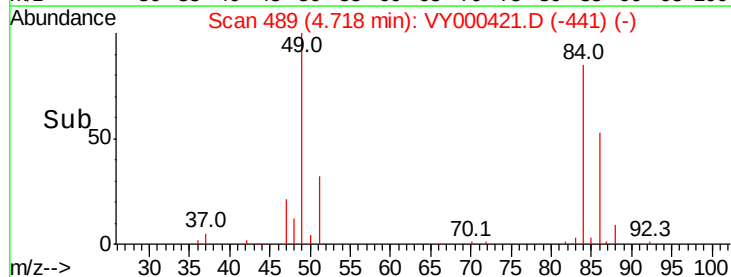
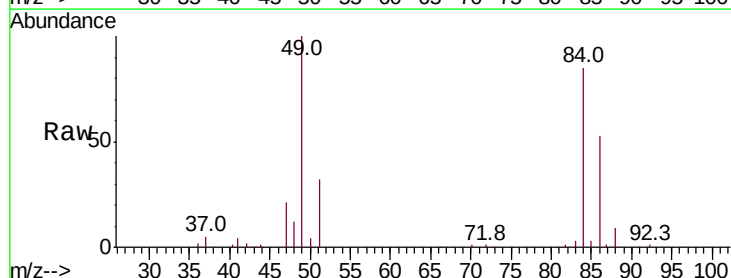
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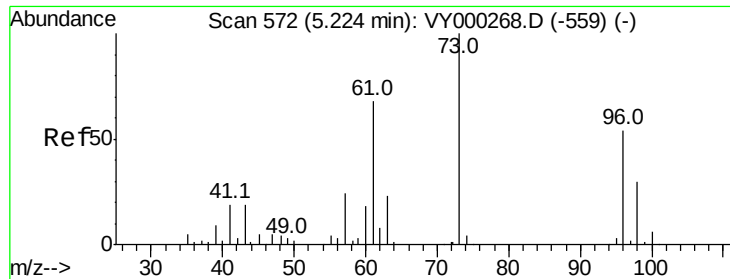


#20

Methylene Chloride
 Concen: 20.814 ug/l
 RT: 4.72 min Scan# 489
 Delta R.T. -0.01 min
 Lab File: VY000421.D
 Acq: 25 Oct 2019 12:08

Tgt Ion	Ratio	Lower	Upper
84	100		
49	117.9	99.0	148.4
51	37.2	29.3	43.9
86	62.4	50.2	75.4





#21

trans-1,2-Dichloroethene

Concen: 22.255 ug/l

RT: 5.22 min Scan# 572

Delta R.T. -0.00 min

Lab File: VY000421.D

Acq: 25 Oct 2019 12:08

Instrument :

MSVOA_Y

ClientSampleId :

VY1025SBS01

Tot Ion: 96 Resp: 54684

Ion Ratio Lower Upper

96 100

61 118.7 100.4 150.6

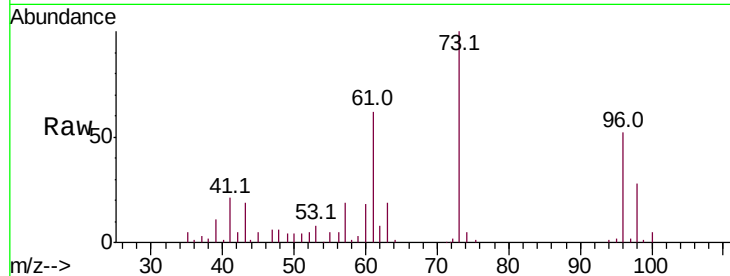
98 54.3 44.6 66.8

Manual Integrations

APPROVED

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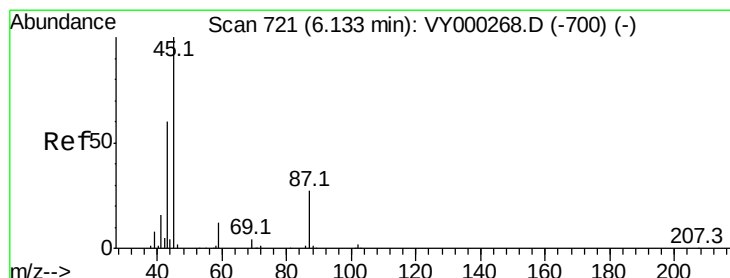
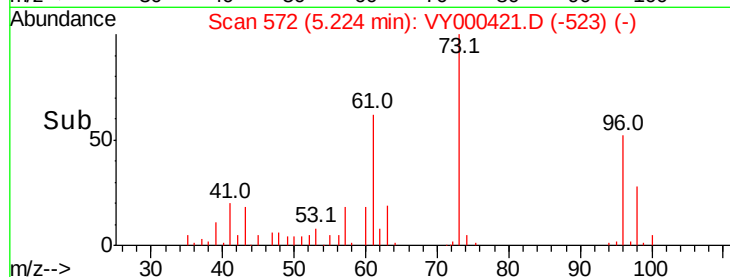
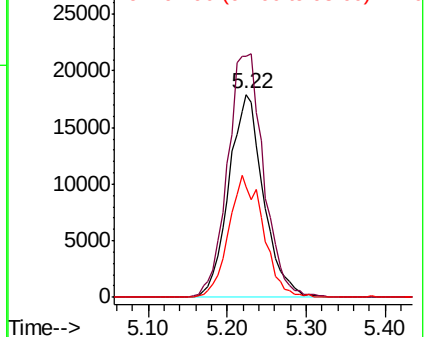


Abundance

Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0



#22

Diisopropyl ether

Concen: 22.347 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.01 min

Lab File: VY000421.D

Acq: 25 Oct 2019 12:08

Tgt Ion: 45 Resp: 167749

Ion Ratio Lower Upper

45 100

43 55.6 48.5 72.7

87 23.9 21.5 32.3

59 11.6 9.4 14.0

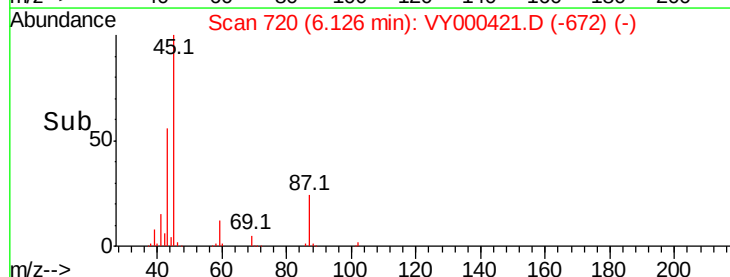
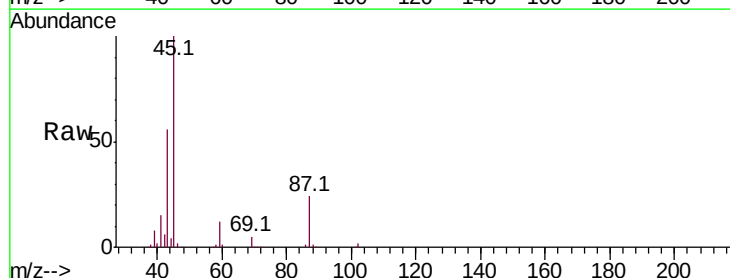
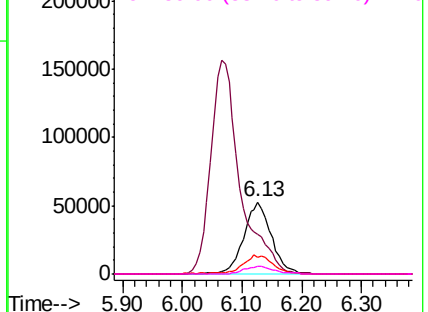
Abundance

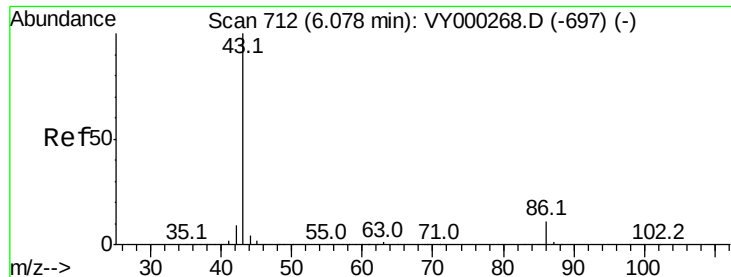
Ion 45.00 (44.70 to 45.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 87.00 (86.70 to 87.70): VY0

Ion 59.00 (58.70 to 59.70): VY0





#23

Vinyl Acetate

Concen: 108.695 ug/l

RT: 6.07 min Scan# 710

Delta R.T. -0.01 min

Lab File: VY000421.D

Acq: 25 Oct 2019 12:08

Instrument :

MSVOA_Y

ClientSampleId :

VY1025SBS01

Tot Ion: 43 Resp: 532301

Ion Ratio Lower Upper

43 100

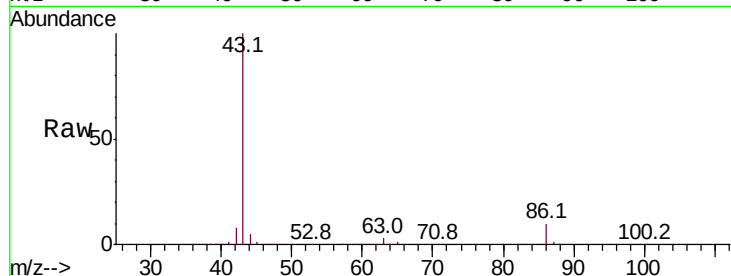
86 9.6 8.6 13.0

Manual Integrations

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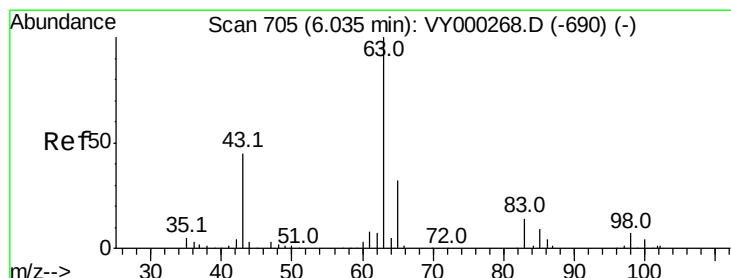
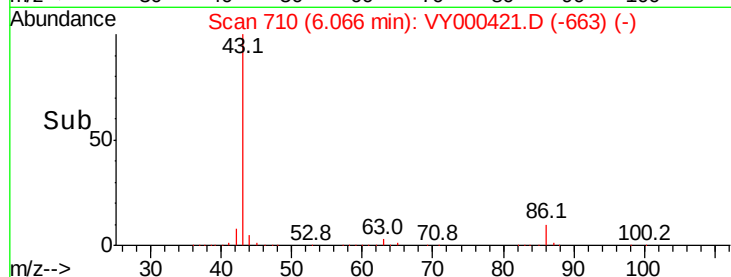
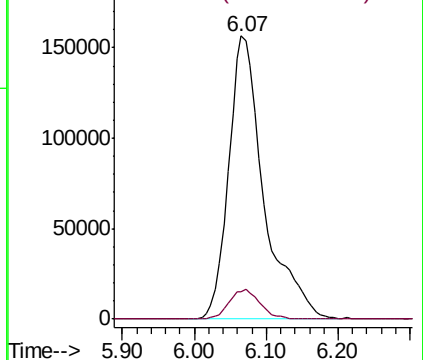
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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 21.905 ug/l

RT: 6.02 min Scan# 702

Delta R.T. -0.02 min

Lab File: VY000421.D

Acq: 25 Oct 2019 12:08

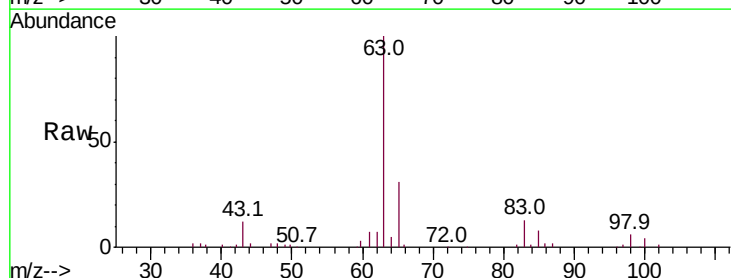
Tgt Ion: 63 Resp: 89754

Ion Ratio Lower Upper

63 100

98 6.1 3.5 10.4

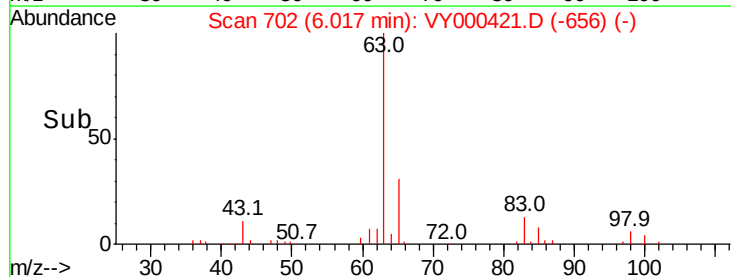
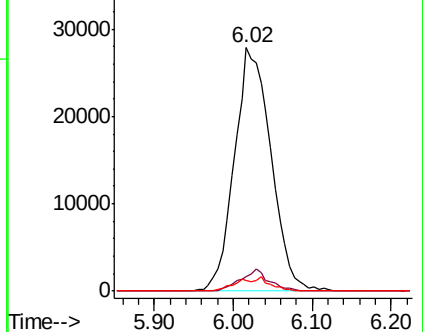
100 4.1 2.1 6.2

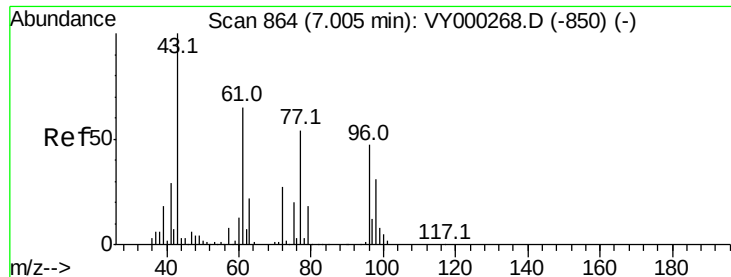


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 105.491 ug/l

RT: 7.00 min Scan# 863

Delta R.T. -0.01 min

Lab File: VY000421.D

Acq: 25 Oct 2019 12:08

Instrument :

MSVOA_Y

ClientSampleId :

VY1025SBS01

Tot Ion: 43 Resp: 107646

Ion Ratio Lower Upper

43 100

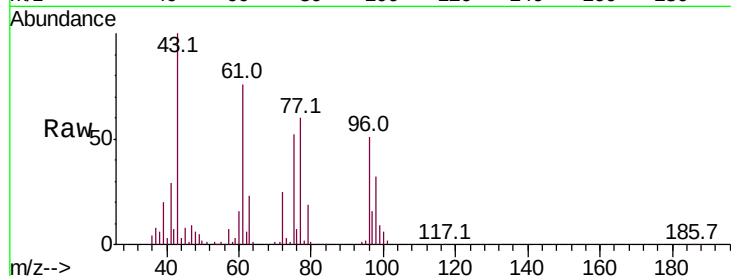
72 25.0 21.4 32.2

Manual Integrations

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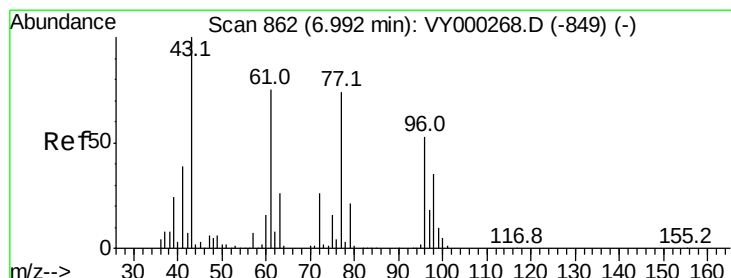
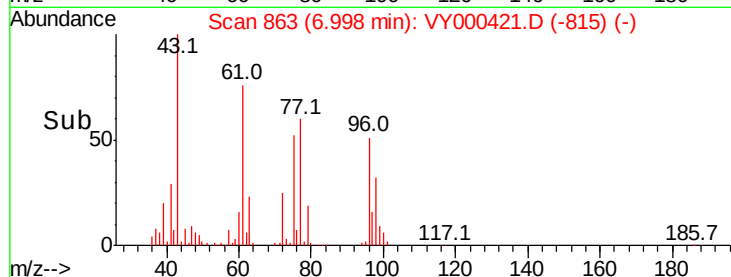
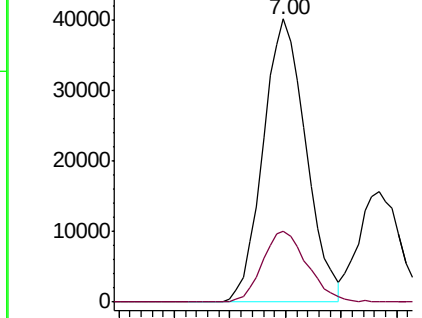
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0



#26

2,2-Dichloropropane

Concen: 22.157 ug/l

RT: 6.99 min Scan# 861

Delta R.T. -0.01 min

Lab File: VY000421.D

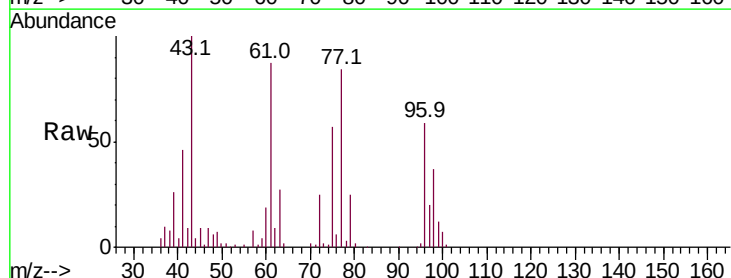
Acq: 25 Oct 2019 12:08

Tgt Ion: 77 Resp: 83657

Ion Ratio Lower Upper

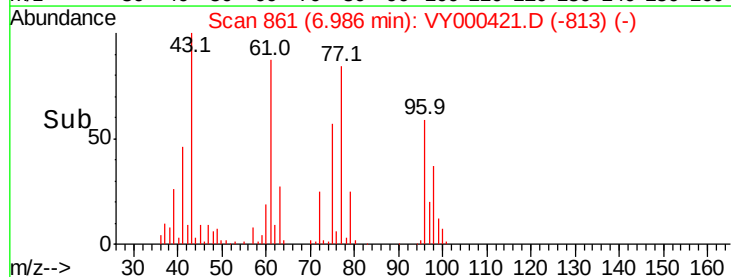
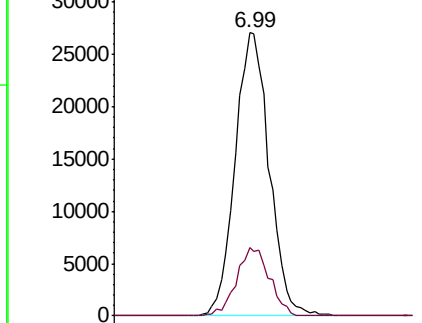
77 100

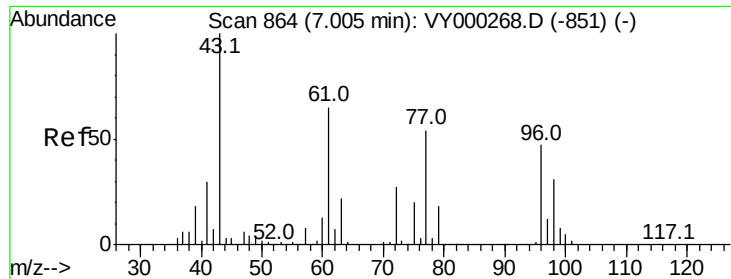
97 23.2 11.6 34.7



Abundance Ion 76.90 (76.60 to 77.60): VY0

Ion 96.90 (96.60 to 97.60): VY0





#27

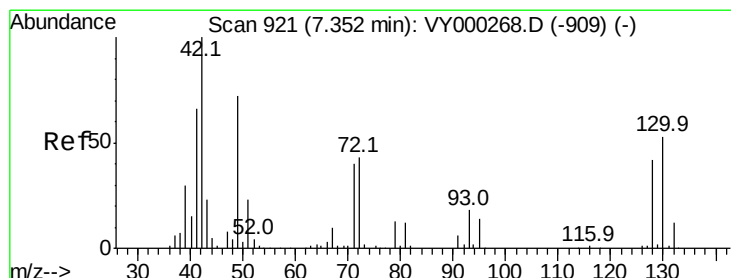
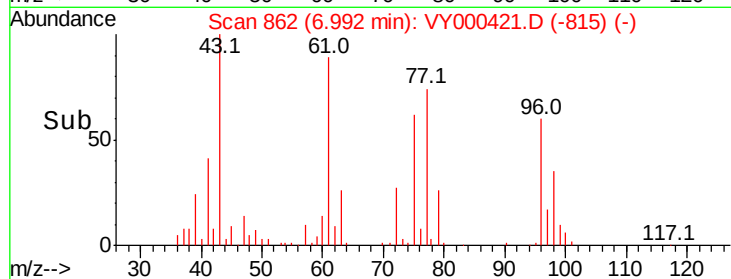
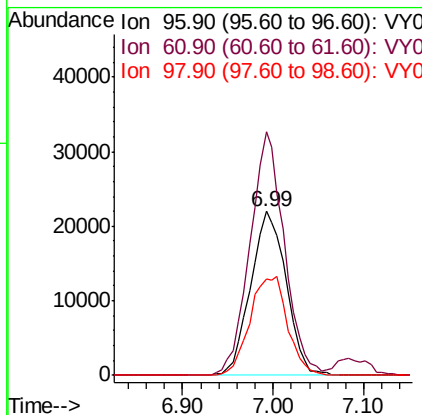
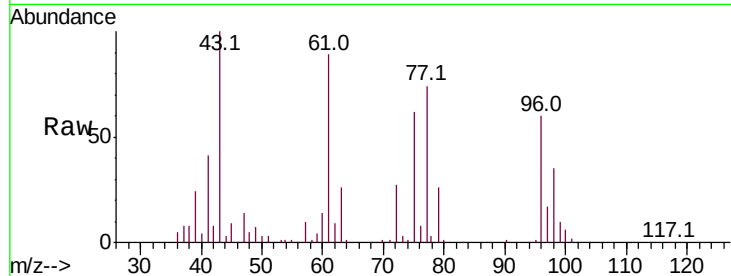
cis-1,2-Dichloroethene
Concen: 22.411 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.01 min
Lab File: VY000421.D
Acq: 25 Oct 2019 12:08

Instrument :
MSVOA_Y
ClientSampleId :
VY1025SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	143.2	0.0	289.8
98	63.6	0.0	131.8

Manual Integrations
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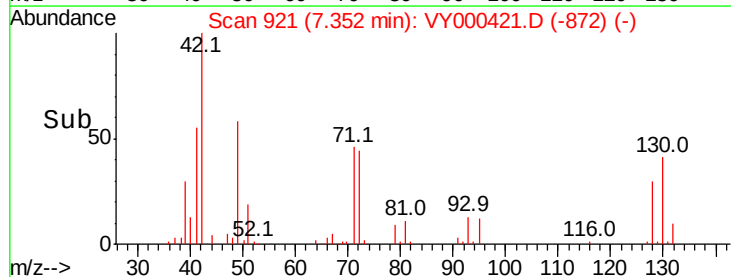
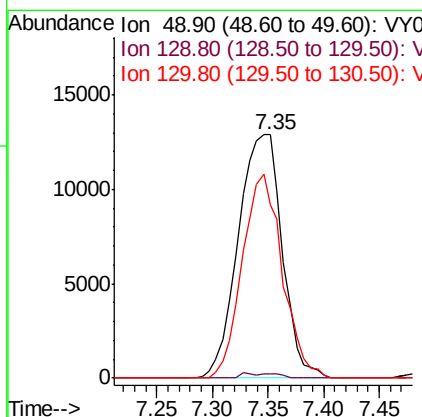
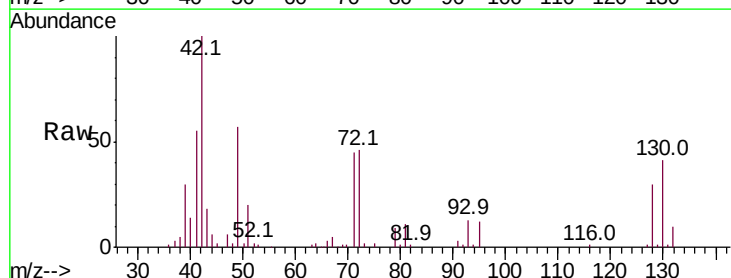
MMDadoda
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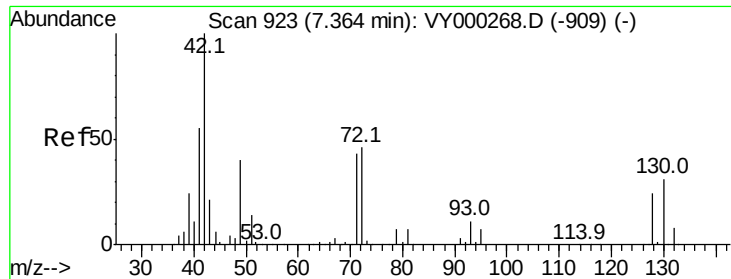


#28

Bromochloromethane
Concen: 20.162 ug/l
RT: 7.35 min Scan# 921
Delta R.T. -0.00 min
Lab File: VY000421.D
Acq: 25 Oct 2019 12:08

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





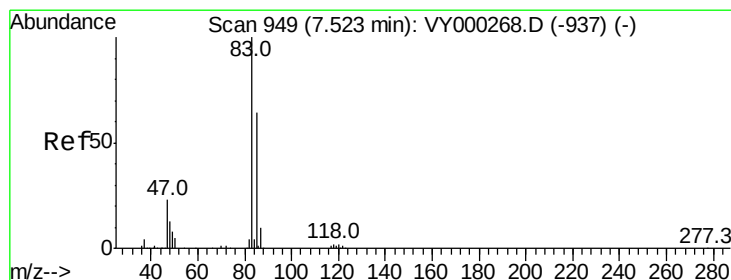
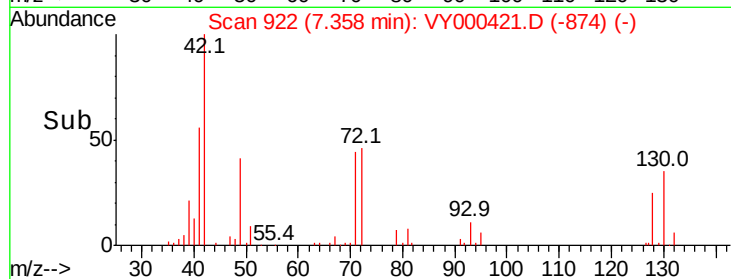
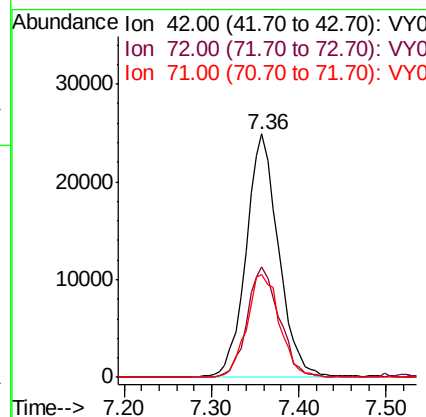
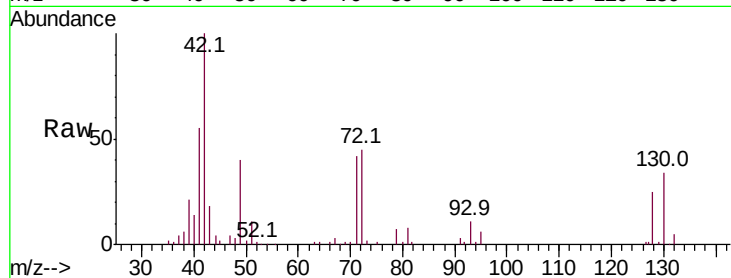
#29
Tetrahydrofuran
Concen: 103.825 ug/l
RT: 7.36 min Scan# 922
Delta R.T. -0.01 min
Lab File: VY000421.D
Acq: 25 Oct 2019 12:08

Instrument :
MSVOA_Y
ClientSampleId :
VY1025SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.1	34.5	51.7
71	43.0	32.7	49.1

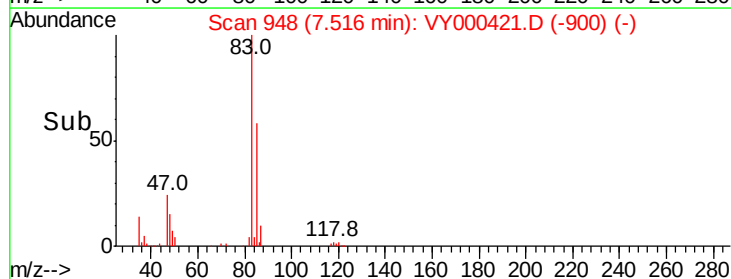
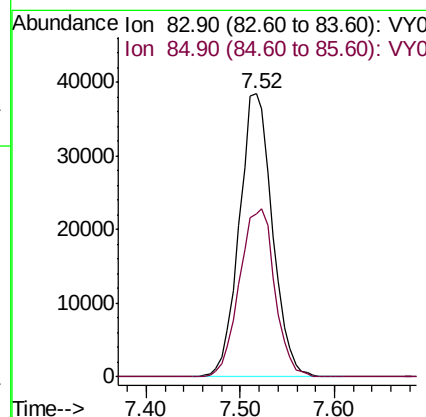
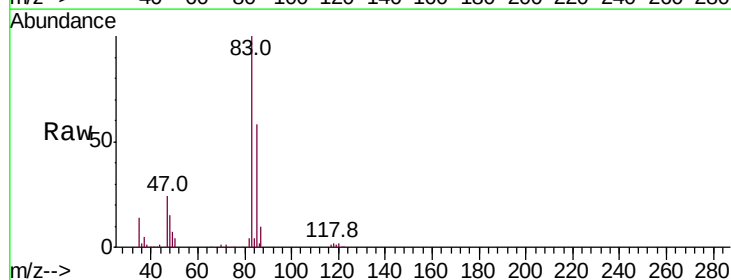
Manual Integrations
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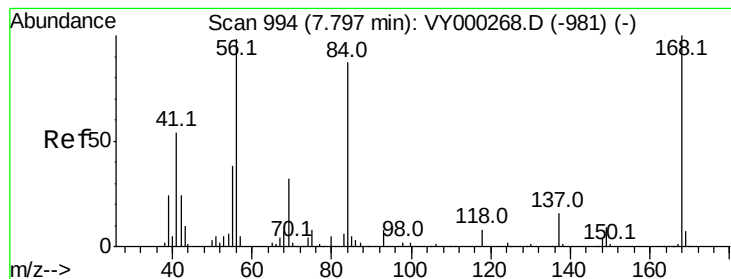
MMDadoda
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#30
Chloroform
Concen: 22.879 ug/l
RT: 7.52 min Scan# 948
Delta R.T. -0.01 min
Lab File: VY000421.D
Acq: 25 Oct 2019 12:08

Tgt Ion	Ratio	Lower	Upper
83	100		
85	57.7	51.4	77.2





#31

Cyclohexane

Concen: 21.273 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.01 min

Lab File: VY000421.D

Acq: 25 Oct 2019 12:08

Instrument :

MSVOA_Y

ClientSampleId :

VY1025SBS01

Tot Ion: 56 Resp: 91038

Ion Ratio Lower Upper

56 100

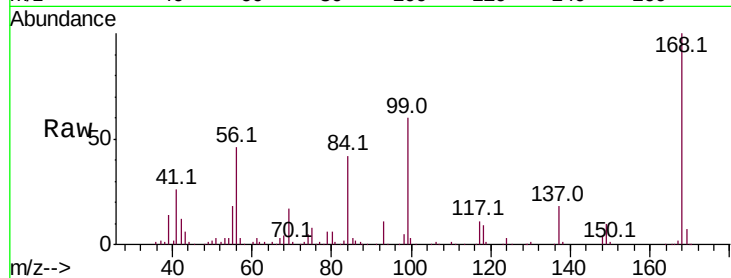
69 37.8 26.3 39.5

84 90.5 70.8 106.2

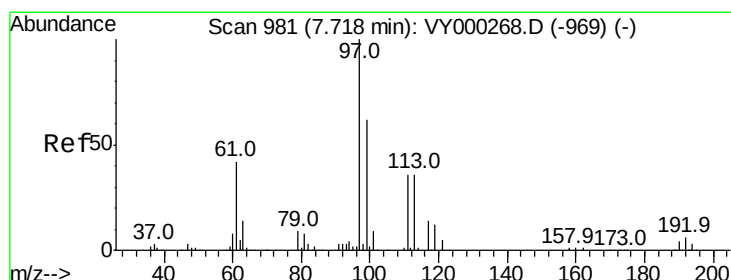
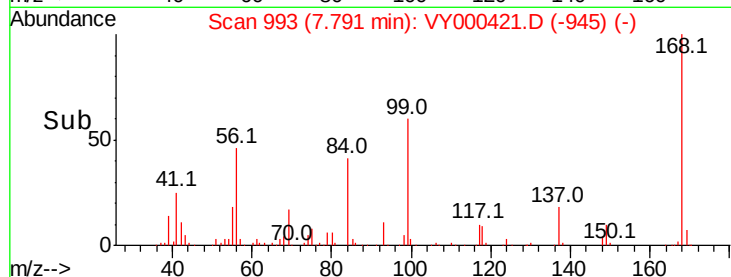
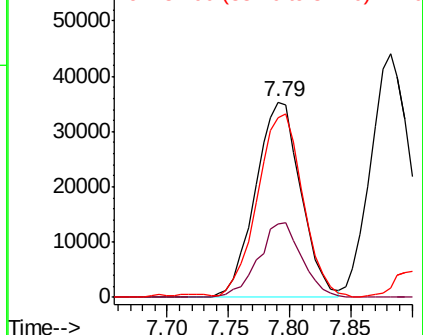
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Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0



#32

1,1,1-Trichloroethane

Concen: 22.278 ug/l

RT: 7.71 min Scan# 980

Delta R.T. -0.01 min

Lab File: VY000421.D

Acq: 25 Oct 2019 12:08

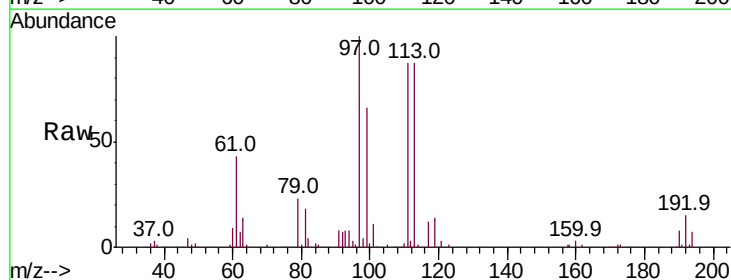
Tgt Ion: 97 Resp: 81726

Ion Ratio Lower Upper

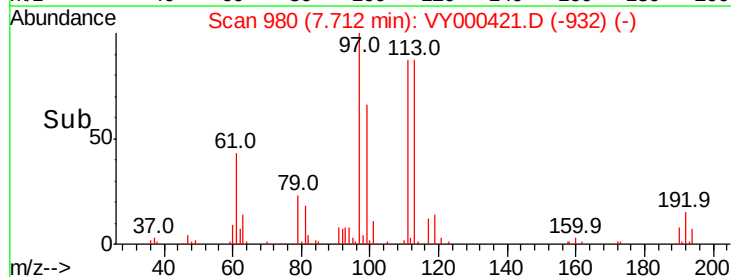
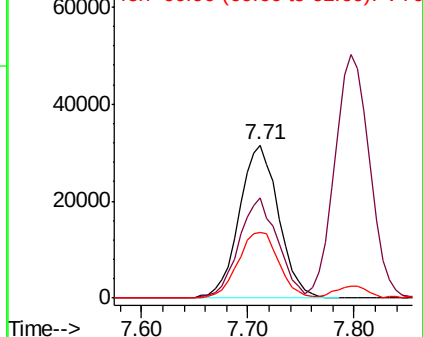
97 100

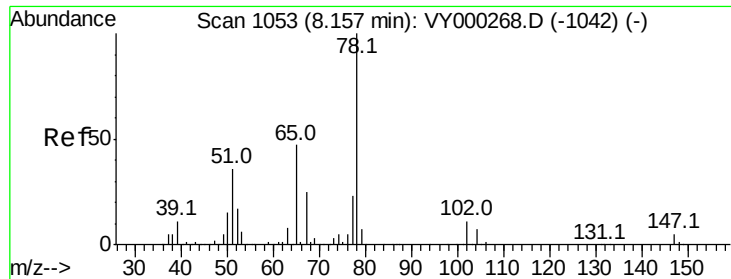
99 64.9 51.7 77.5

61 44.5 34.5 51.7



Abundance Ion 96.90 (96.60 to 97.60): VY0
Ion 98.90 (98.60 to 99.60): VY0
Ion 60.90 (60.60 to 61.60): VY0





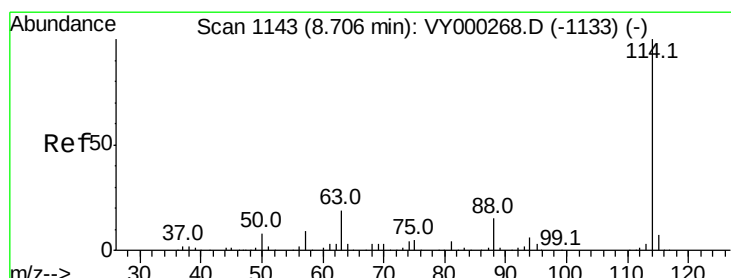
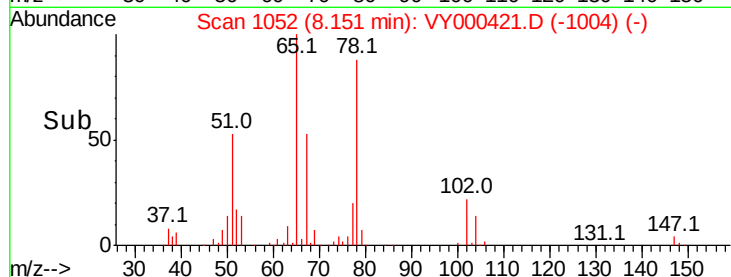
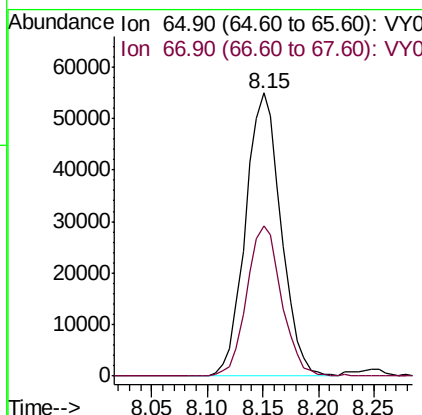
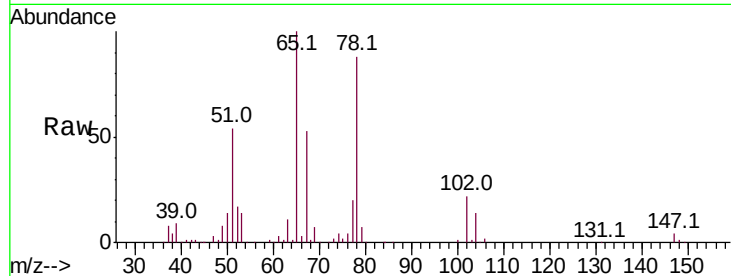
#33
 1,2-Dichloroethane-d4
 Concen: 54.470 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: VY000421.D
 Acq: 25 Oct 2019 12:08

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1025SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	52.1	0.0	109.4	

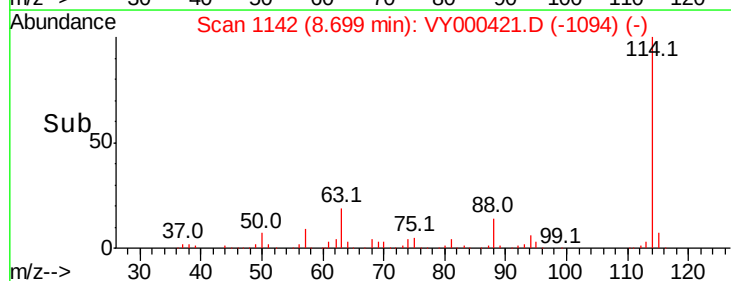
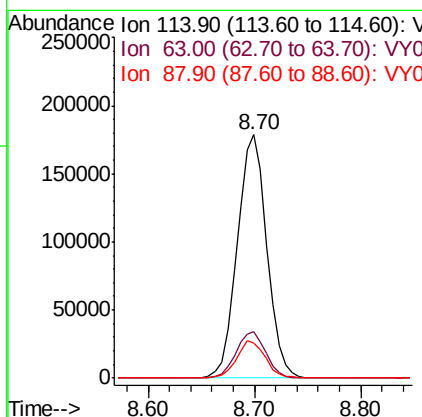
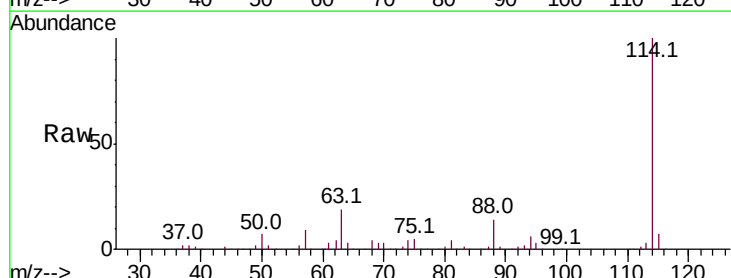
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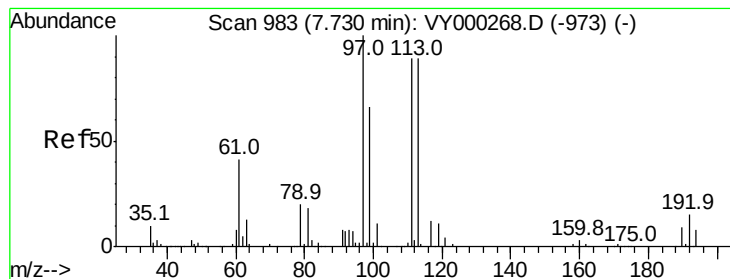
MMDadoda
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: VY000421.D
 Acq: 25 Oct 2019 12:08

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	19.0	0.0	37.2	
88	14.4	0.0	30.2	





#35

Dibromofluoromethane

Concen: 51.632 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.01 min

Lab File: VY000421.D

Acq: 25 Oct 2019 12:08

Instrument :

MSVOA_Y

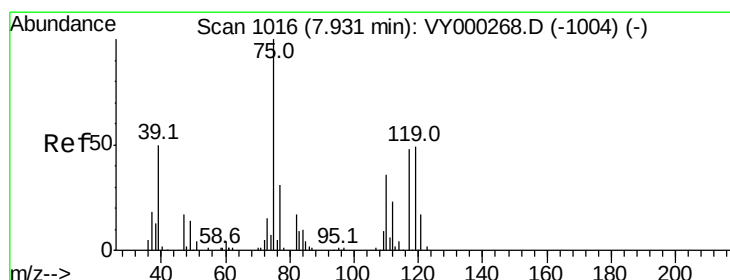
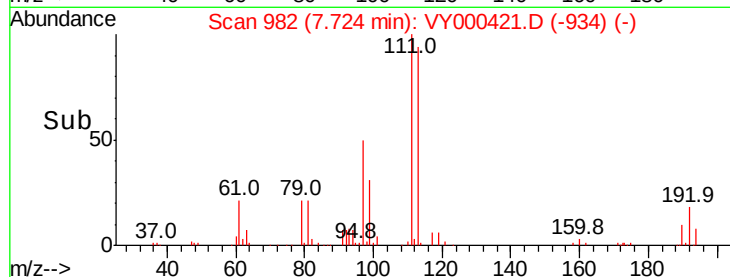
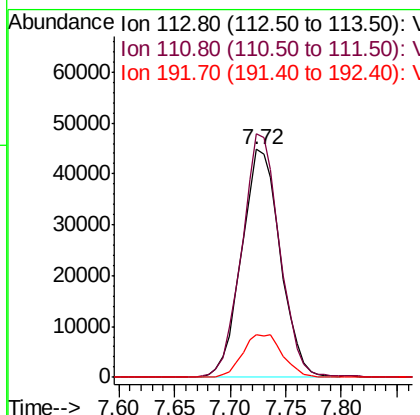
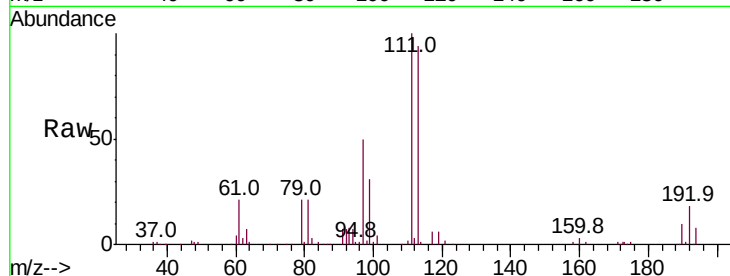
ClientSampleId :

VY1025SBS01

Tot Ion:	113	Resp:	108356
Ion Ratio	Lower	Upper	
113	100		
111	104.0	81.6	122.4
192	19.5	15.3	22.9

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 21.543 ug/l

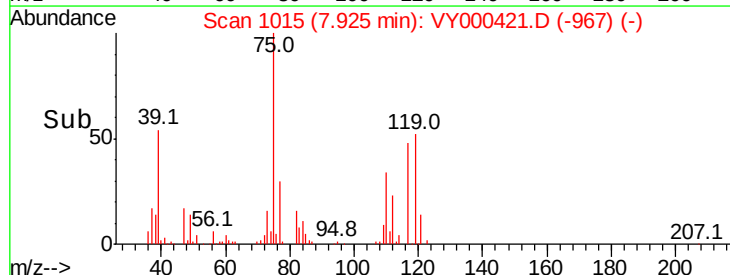
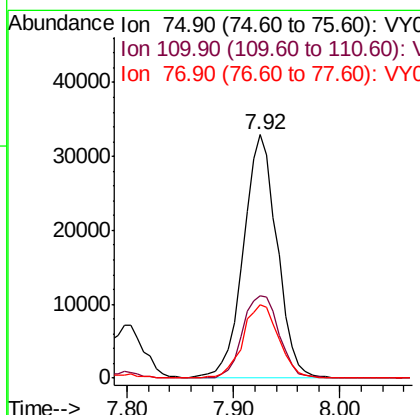
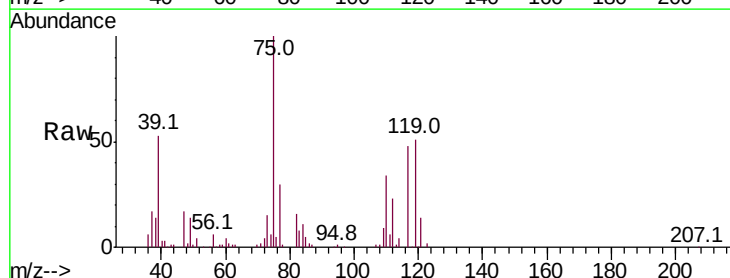
RT: 7.92 min Scan# 1015

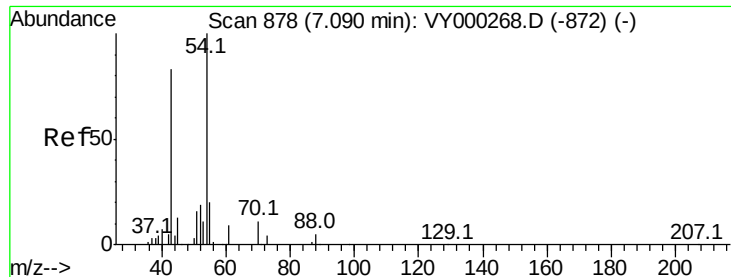
Delta R.T. -0.01 min

Lab File: VY000421.D

Acq: 25 Oct 2019 12:08

Tgt Ion:	75	Resp:	73380
Ion Ratio	Lower	Upper	
75	100		
110	36.5	18.4	55.4
77	31.9	25.0	37.6





#37

Ethyl Acetate

Concen: 21.250 ug/l

RT: 7.08 min Scan# 877

Delta R.T. -0.01 min

Lab File: VY000421.D

Acq: 25 Oct 2019 12:08

Instrument :

MSVOA_Y

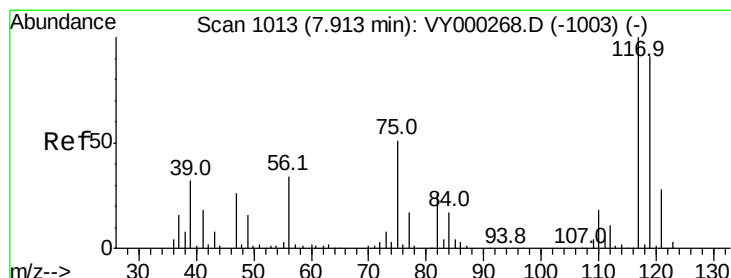
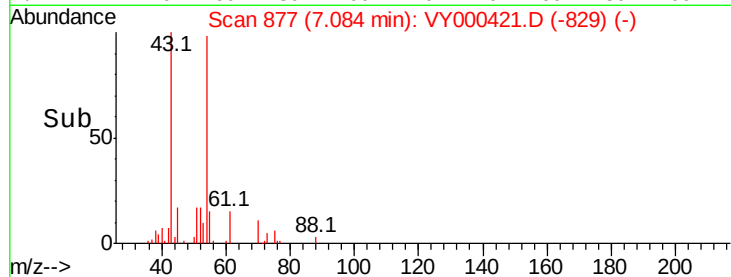
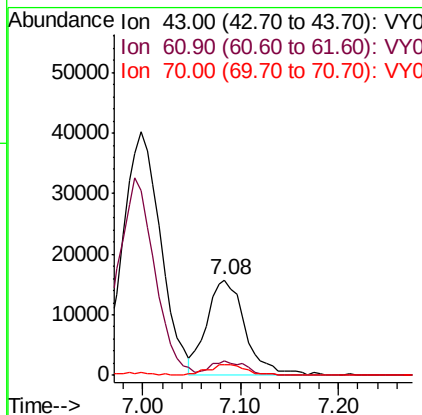
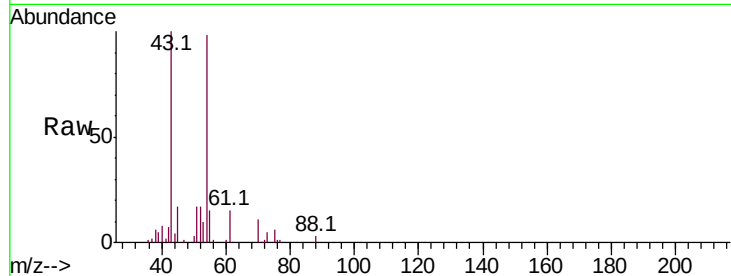
ClientSampleId :

VY1025SBS01

Tot Ion:	43	Resp:	42859
Ion	Ratio	Lower	Upper
43	100		
61	14.0	12.1	18.1
70	11.2	8.7	13.1

Manual Integrations
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#38

Carbon Tetrachloride

Concen: 21.893 ug/l

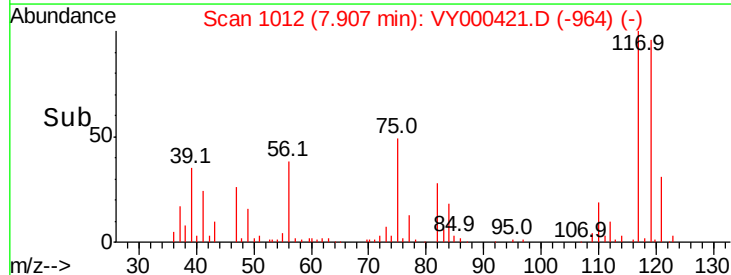
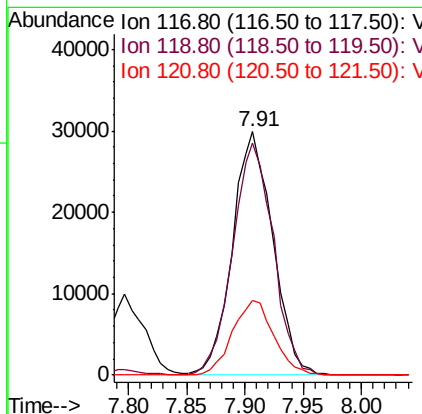
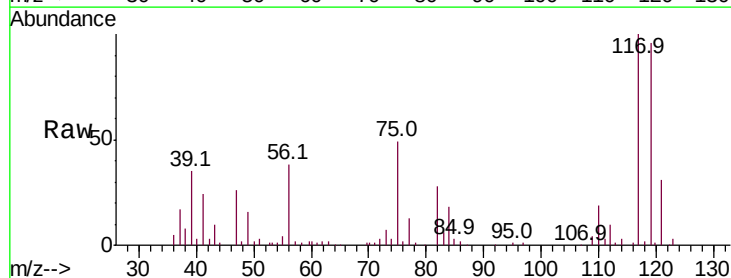
RT: 7.91 min Scan# 1012

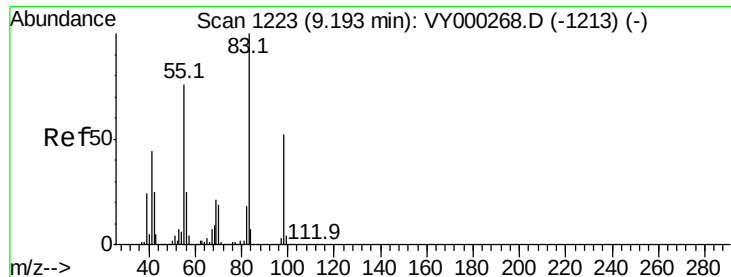
Delta R.T. -0.01 min

Lab File: VY000421.D

Acq: 25 Oct 2019 12:08

Tgt Ion:	117	Resp:	72206
Ion	Ratio	Lower	Upper
117	100		
119	95.6	72.8	109.2
121	30.7	22.2	33.2





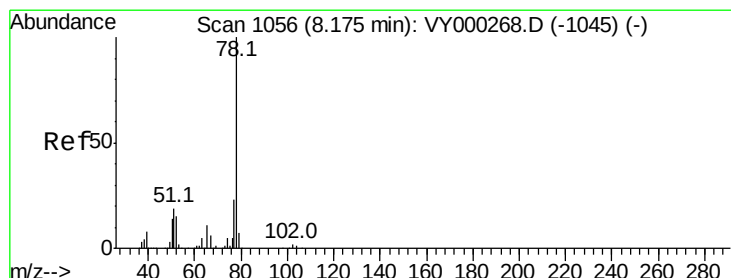
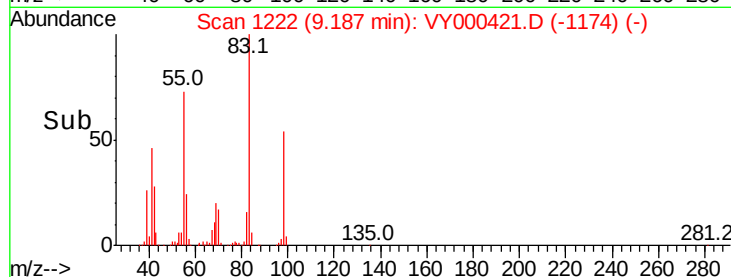
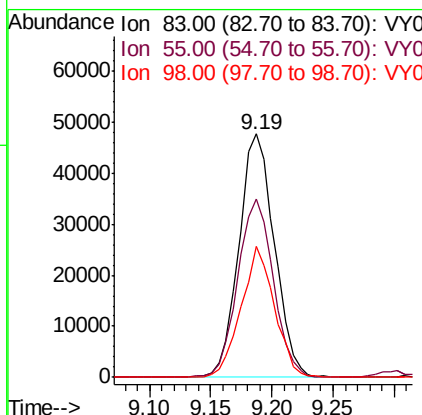
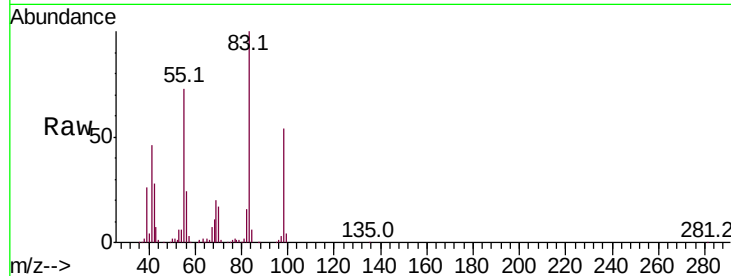
#39
Methylvlcyclohexane
Concen: 21.490 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.01 min
Lab File: VY000421.D
Acq: 25 Oct 2019 12:08

Instrument :
MSVOA_Y
ClientSampleId :
VY1025SBS01

Tot Ion	83	Resp	Lower	Upper
83	100			
55	73.3	60.9	91.3	
98	53.9	41.8	62.6	

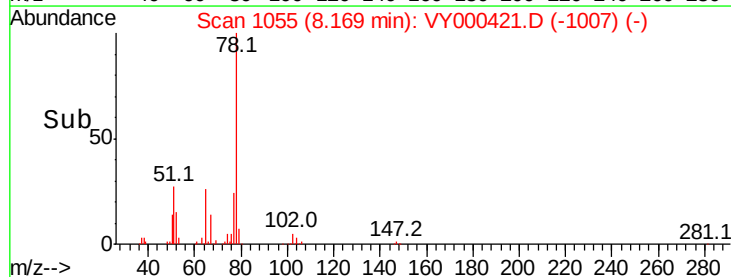
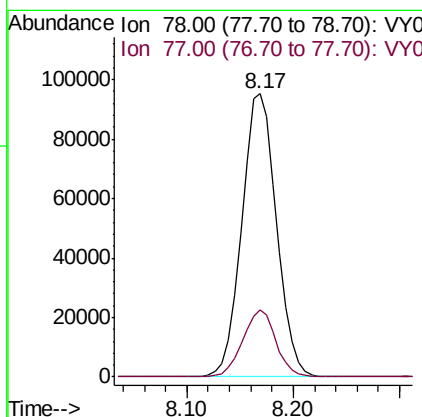
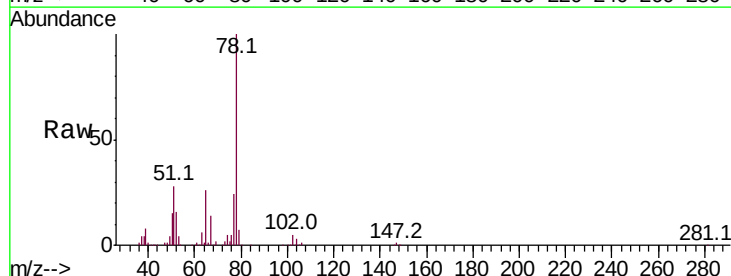
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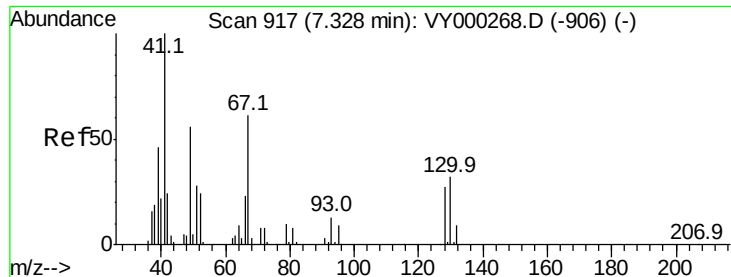
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#40
Benzene
Concen: 22.082 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.01 min
Lab File: VY000421.D
Acq: 25 Oct 2019 12:08

Tgt Ion	78	Resp	Lower	Upper
78	100			
77	23.8	18.8	28.2	





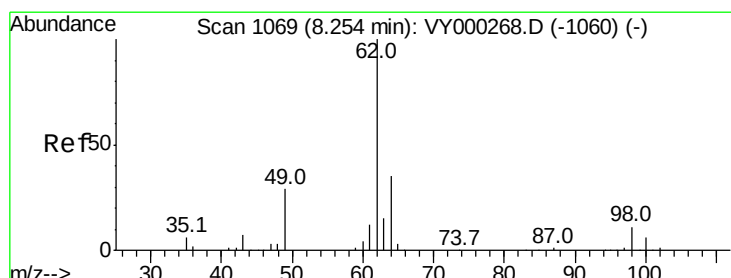
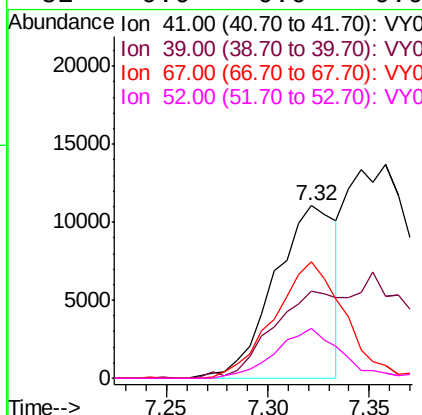
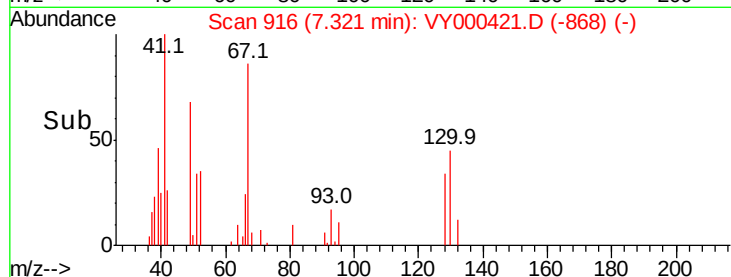
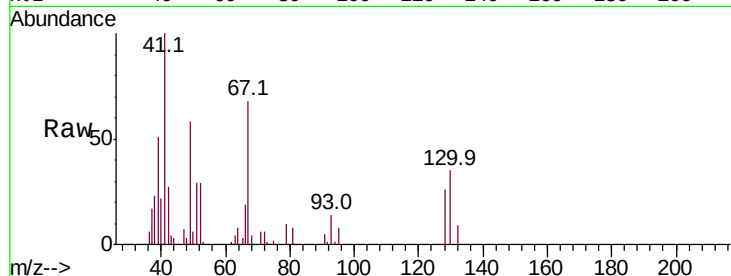
#41
Methacrylonitrile
Concen: 24.479 ug/l m
RT: 7.32 min Scan# 916
Delta R.T. -0.01 min
Lab File: VY000421.D
Acq: 25 Oct 2019 12:08

Instrument :
MSVOA_Y
ClientSampleId :
VY1025SBS01

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

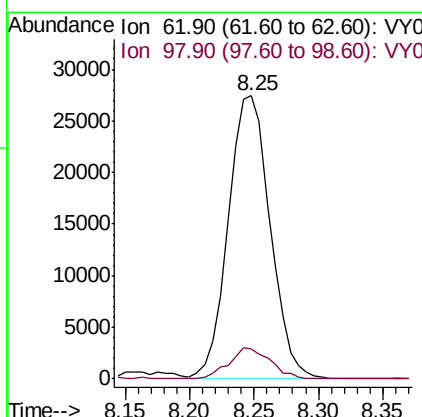
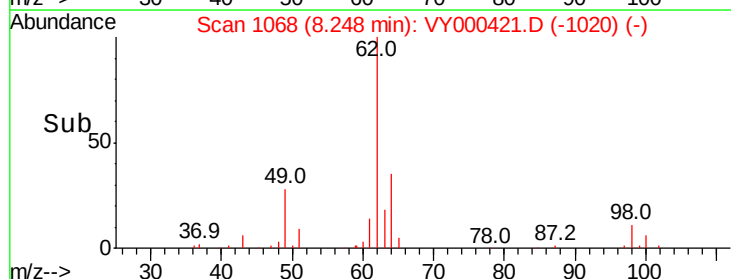
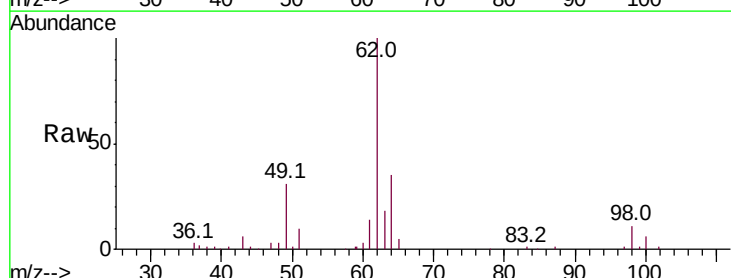
Manual Integrations
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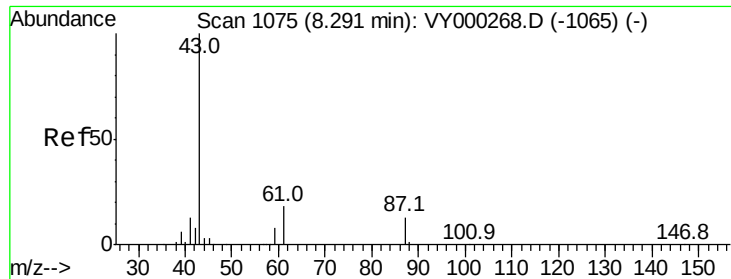
MMDadoda
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#42
1,2-Dichloroethane
Concen: 22.102 ug/l
RT: 8.25 min Scan# 1068
Delta R.T. -0.01 min
Lab File: VY000421.D
Acq: 25 Oct 2019 12:08

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.7	0.0	20.6





#43

Isopropyl Acetate

Concen: 21.383 ug/l

RT: 8.28 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VY000421.D

Acq: 25 Oct 2019 12:08

Instrument :

MSVOA_Y

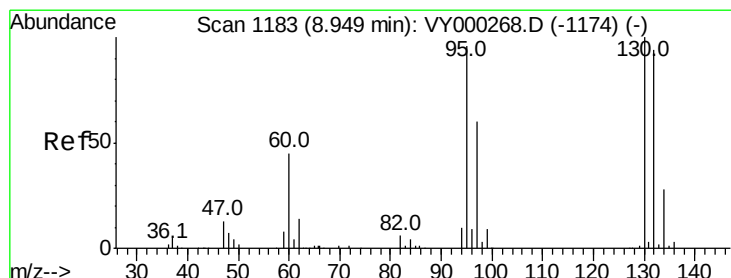
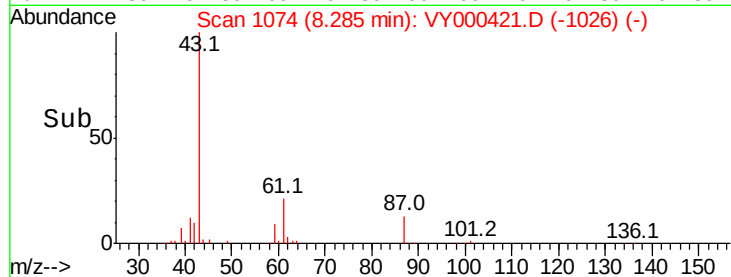
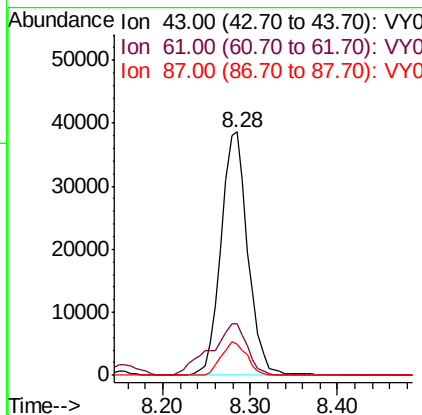
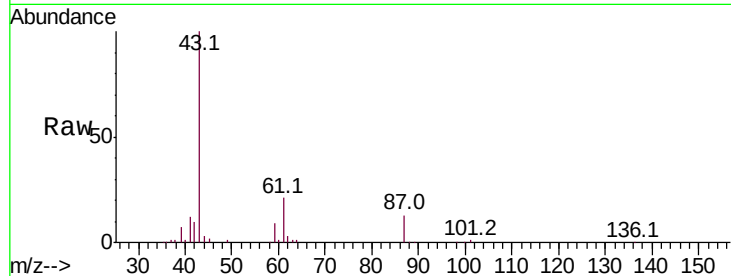
ClientSampleId :

VY1025SBS01

Tot Ion:	43	Resp:	82005
Ion	Ratio	Lower	Upper
43	100		
61	29.0	22.3	33.5
87	13.1	10.9	16.3

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#44

Trichloroethene

Concen: 21.850 ug/l

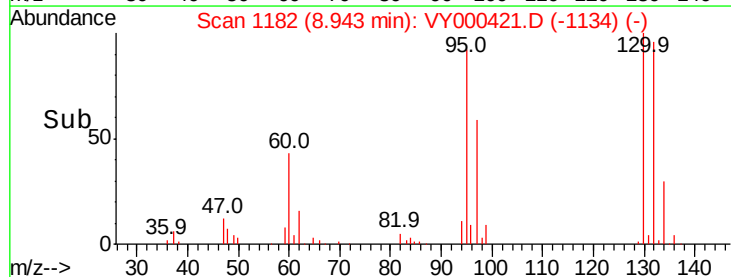
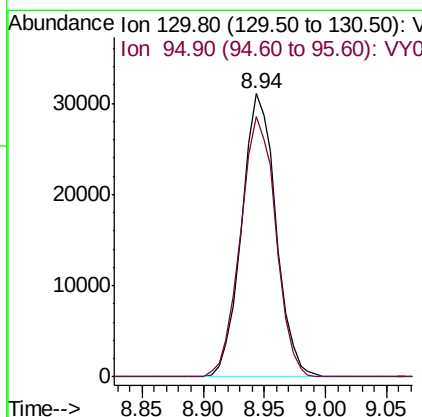
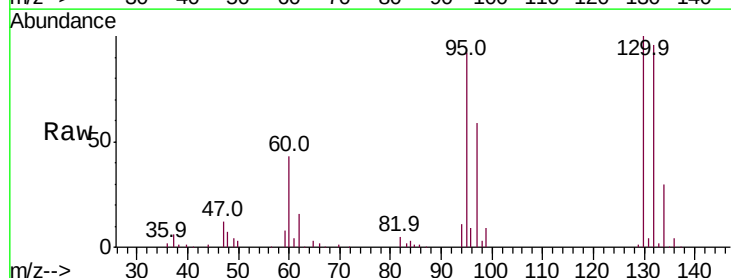
RT: 8.94 min Scan# 1182

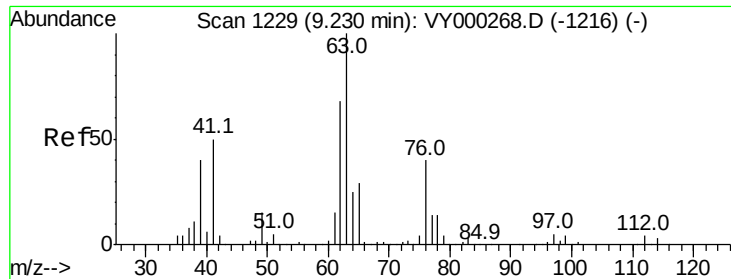
Delta R.T. -0.01 min

Lab File: VY000421.D

Acq: 25 Oct 2019 12:08

Tgt Ion:	130	Resp:	60350
Ion	Ratio	Lower	Upper
130	100		
95	91.9	0.0	191.4





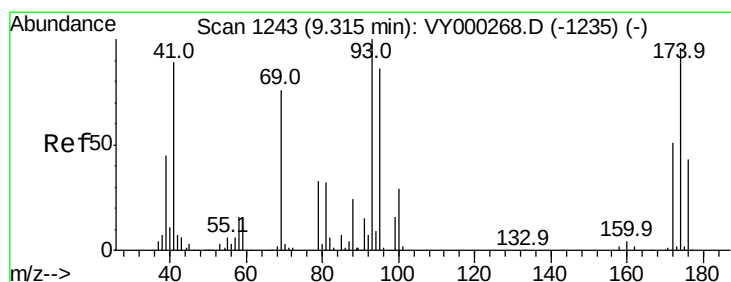
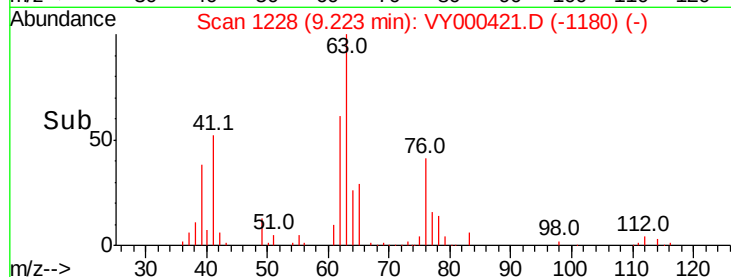
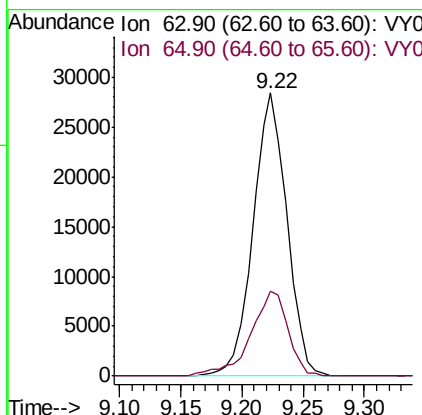
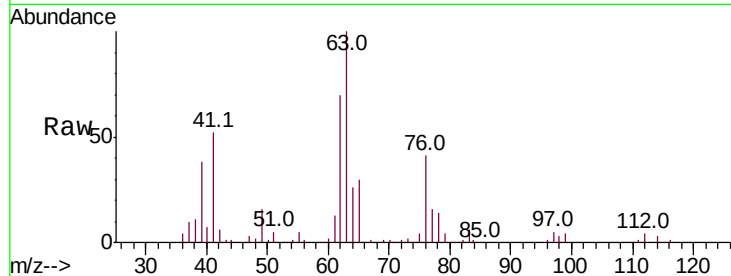
#45
 1,2-Dichloropropane
 Concen: 22.631 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: VY000421.D
 Acq: 25 Oct 2019 12:08

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1025SBS01

Tot Ion: 63 Resp: 54669
 Ion Ratio Lower Upper
 63 100
 65 30.2 23.2 34.8

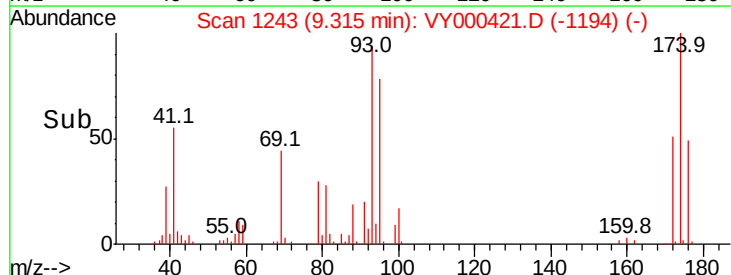
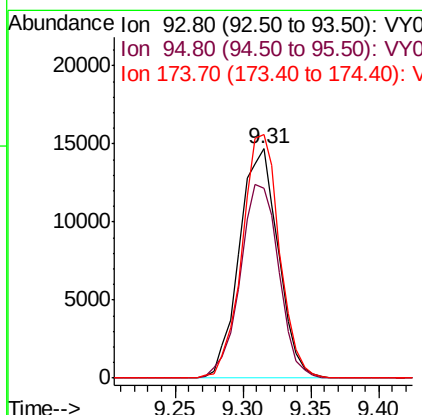
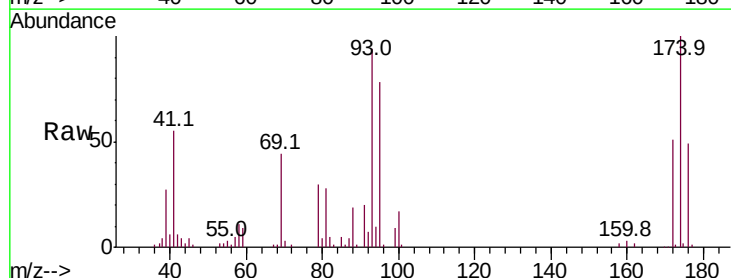
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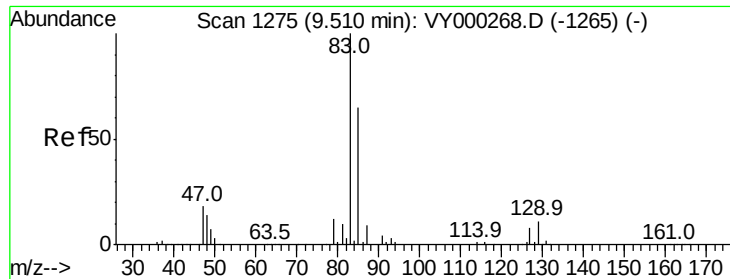
MMDadoda
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#46
 Dibromomethane
 Concen: 21.862 ug/l
 RT: 9.31 min Scan# 1243
 Delta R.T. -0.00 min
 Lab File: VY000421.D
 Acq: 25 Oct 2019 12:08

Tgt Ion: 93 Resp: 29523
 Ion Ratio Lower Upper
 93 100
 95 83.8 68.2 102.2
 174 102.0 79.8 119.6





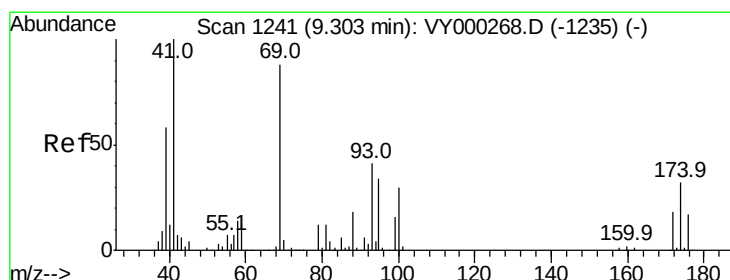
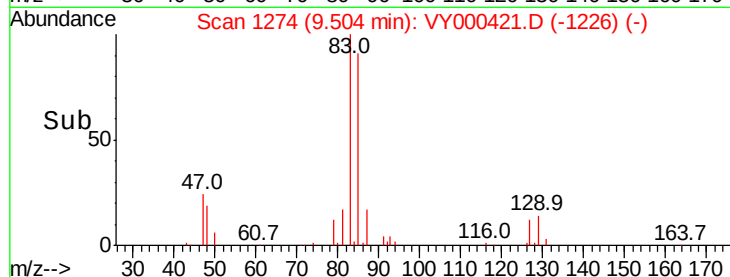
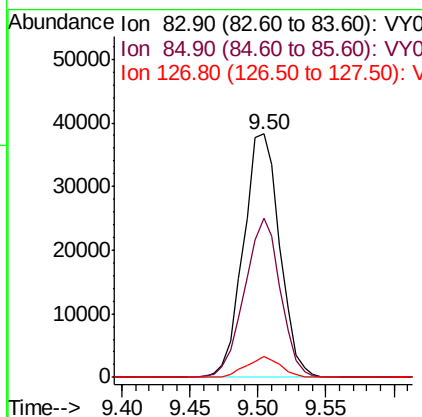
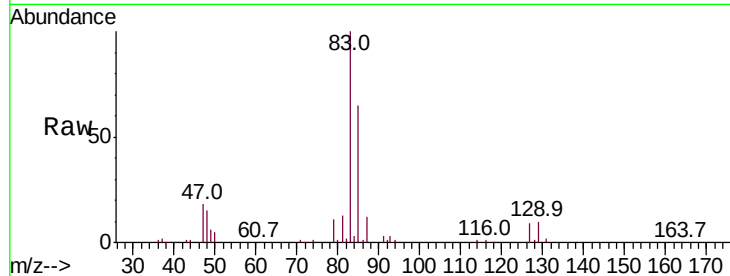
#47
Bromodichloromethane
Concen: 22.468 ug/l
RT: 9.50 min Scan# 1274
Delta R.T. -0.01 min
Lab File: VY000421.D
Acq: 25 Oct 2019 12:08

Instrument :
MSVOA_Y
ClientSampleId :
VY1025SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
85	65.2	52.2	78.2
127	8.5	6.3	9.5

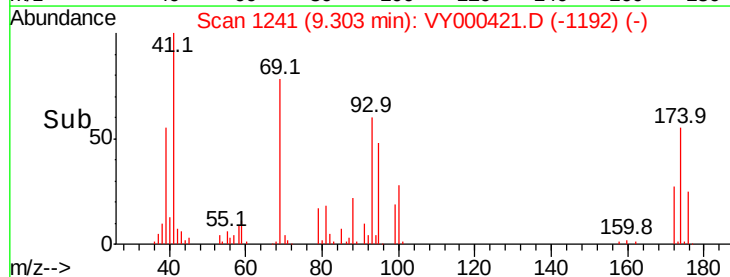
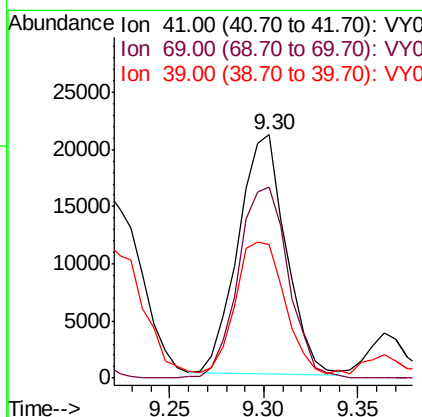
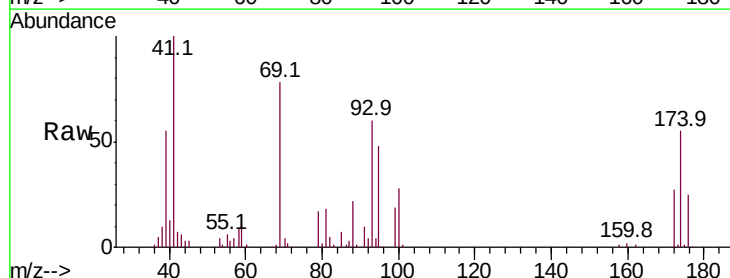
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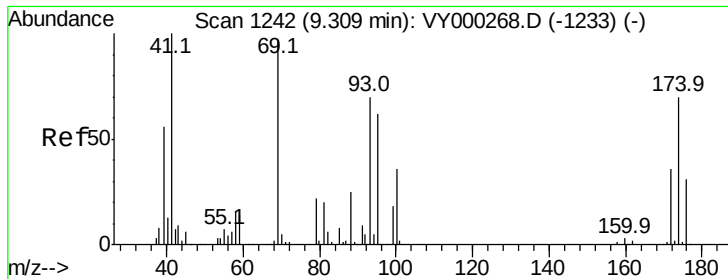
MMDadoda
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#48
Methyl methacrylate
Concen: 21.903 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VY000421.D
Acq: 25 Oct 2019 12:08

Tgt Ion	Ratio	Lower	Upper
41	100		
69	84.2	70.0	105.0
39	57.0	47.7	71.5





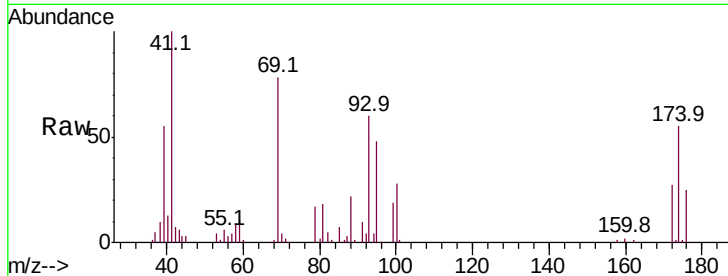
#49
 1,4-Dioxane
 Concen: 427.900 ug/l
 RT: 9.30 min Scan# 1241
 Delta R.T. -0.01 min
 Lab File: VY000421.D
 Acq: 25 Oct 2019 12:08

Instrument :
 MSVOA_Y
 ClientSampleID :
 VY1025SBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.6	25.6	38.4
58	67.6	54.6	81.8

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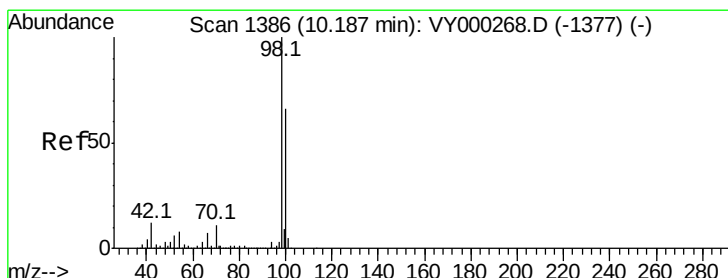
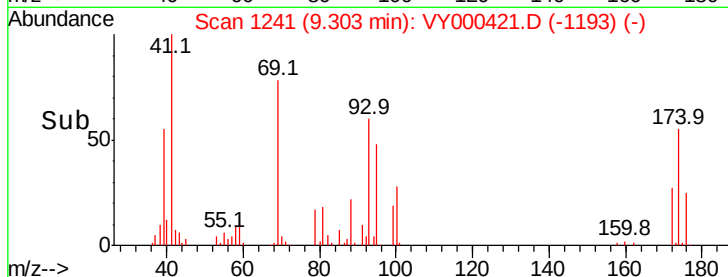
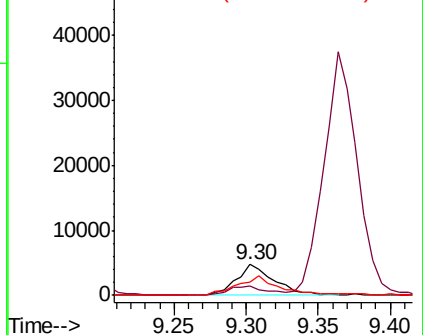


Abundance

Ion 88.00 (87.70 to 88.70): VY0

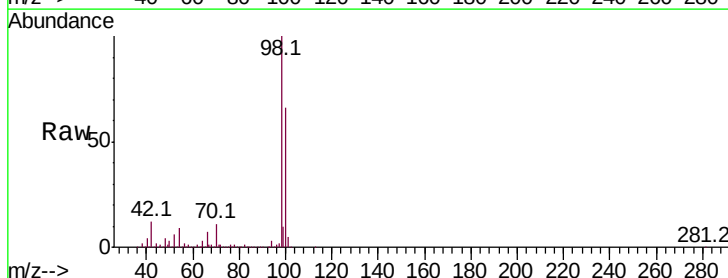
Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#50
 Toluene-d8
 Concen: 53.824 ug/l
 RT: 10.18 min Scan# 1385
 Delta R.T. -0.01 min
 Lab File: VY000421.D
 Acq: 25 Oct 2019 12:08

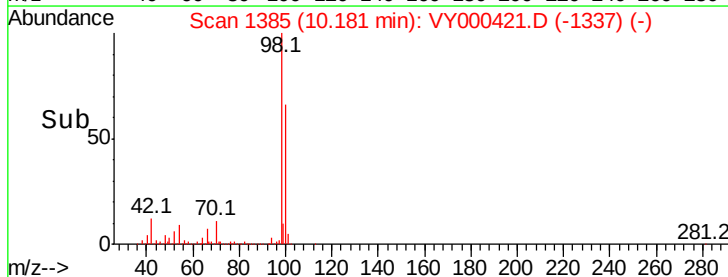
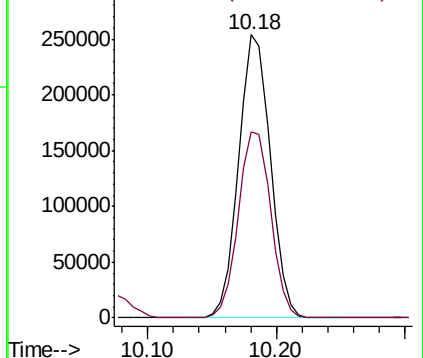
Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.0	52.8	79.2

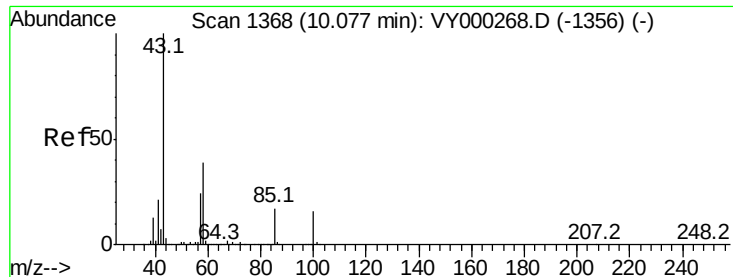


Abundance

Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0





#51

4-Methyl-2-Pentanone

Concen: 109.017 ug/l

RT: 10.08 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VY000421.D

Acq: 25 Oct 2019 12:08

Instrument :

MSVOA_Y

ClientSampled :

VY1025SBS01

Tot Ion: 43 Resp: 215634

Ion Ratio Lower Upper

43 100

58 39.0

31.0

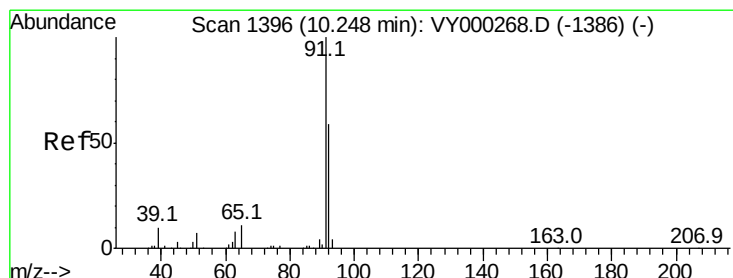
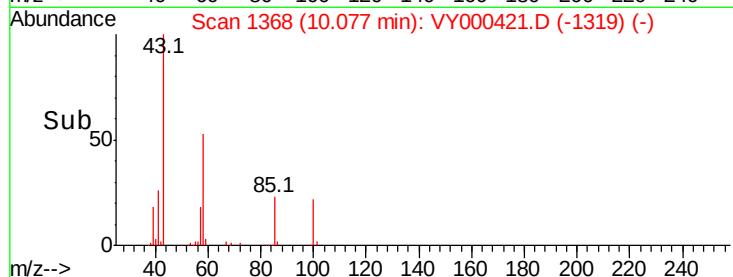
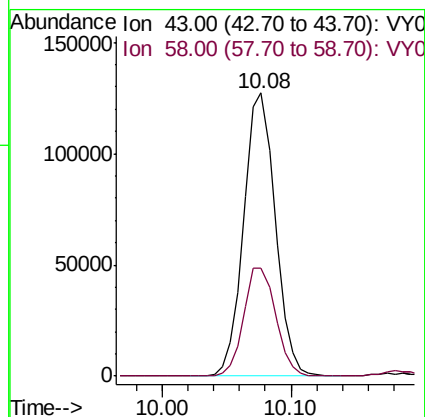
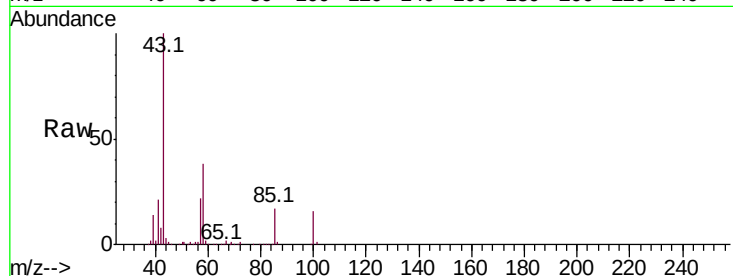
46.6

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#52

Toluene

Concen: 22.401 ug/l

RT: 10.25 min Scan# 1396

Delta R.T. -0.00 min

Lab File: VY000421.D

Acq: 25 Oct 2019 12:08

Tgt Ion: 92 Resp: 140000

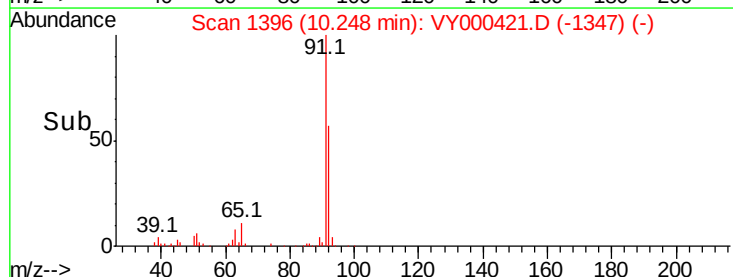
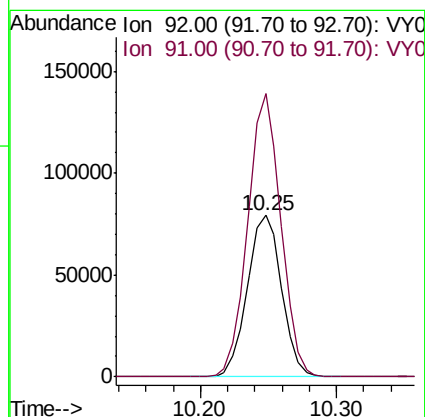
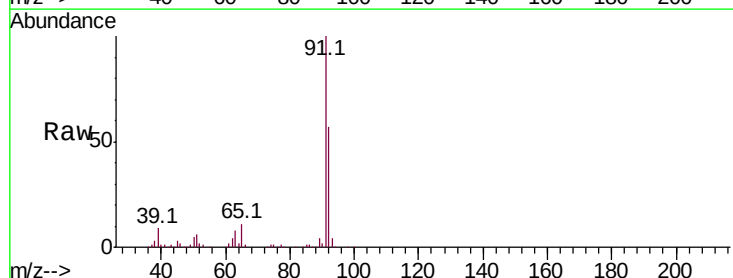
Ion Ratio Lower Upper

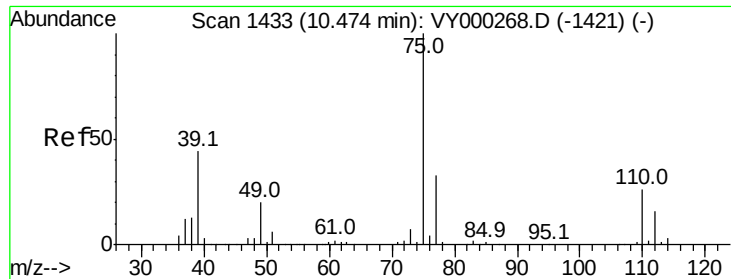
92 100

91 168.9

136.6

205.0





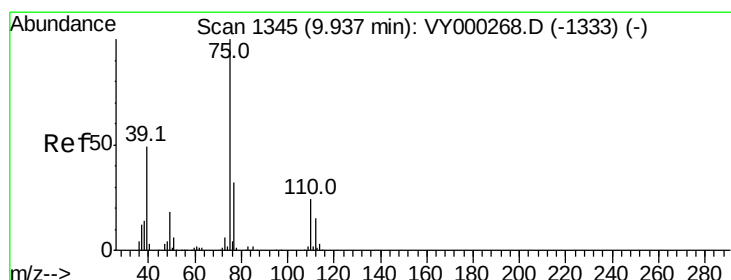
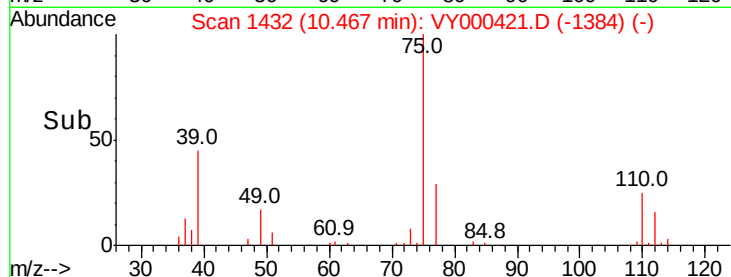
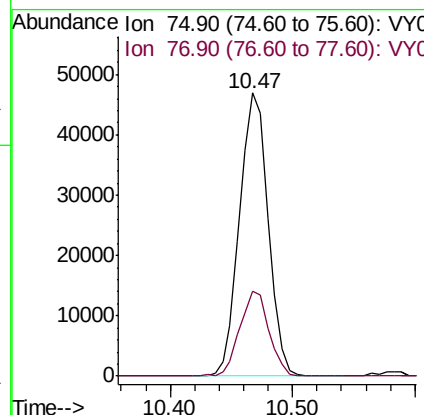
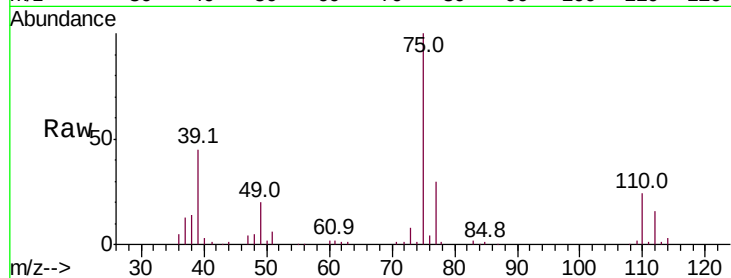
#53
 t-1,3-Dichloropropene
 Concen: 22.216 ug/l
 RT: 10.47 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: VY000421.D
 Acq: 25 Oct 2019 12:08

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1025SBS01

Tot Ion: 75 Resp: 75771
 Ion Ratio Lower Upper
 75 100
 77 29.9 26.0 39.0

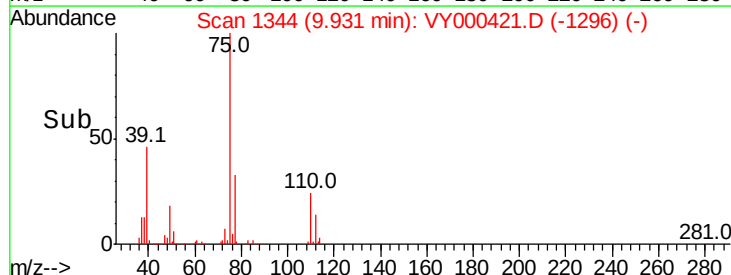
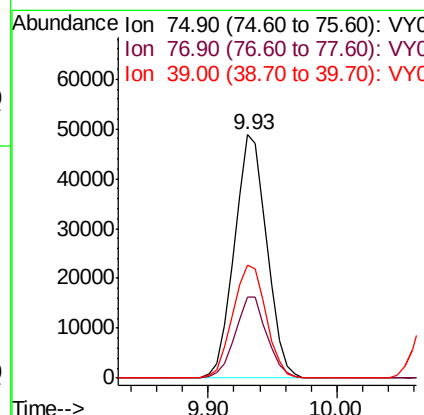
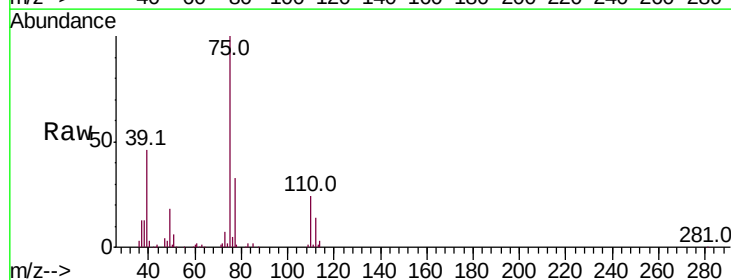
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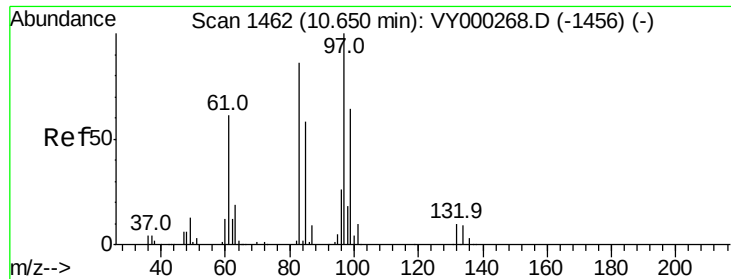
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#54
 cis-1,3-Dichloropropene
 Concen: 22.024 ug/l
 RT: 9.93 min Scan# 1344
 Delta R.T. -0.01 min
 Lab File: VY000421.D
 Acq: 25 Oct 2019 12:08

Tgt Ion: 75 Resp: 85305
 Ion Ratio Lower Upper
 75 100
 77 33.1 26.0 39.0
 39 46.3 38.8 58.2





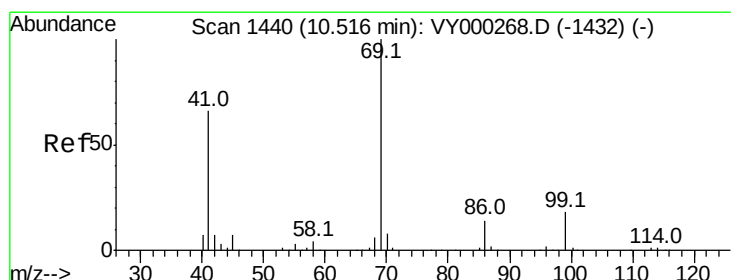
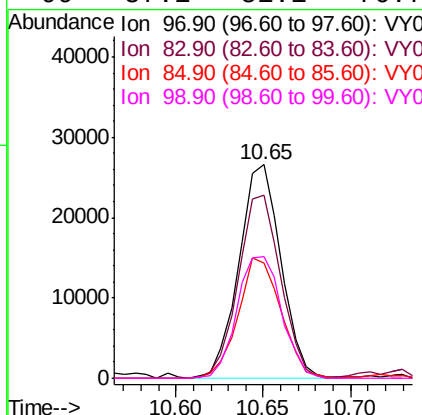
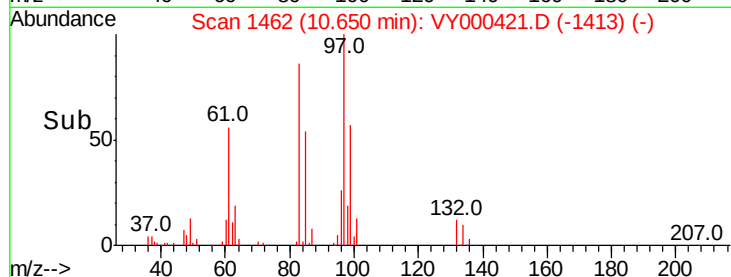
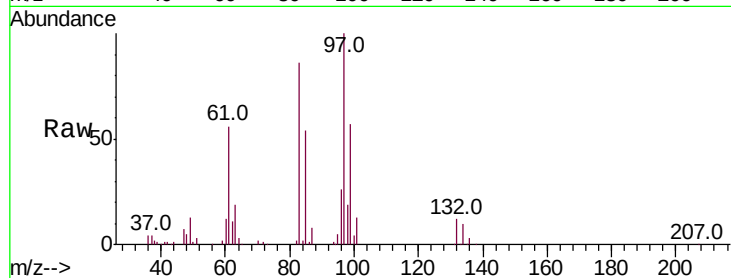
#55
 1,1,2-Trichloroethane
 Concen: 22.490 ug/l
 RT: 10.65 min Scan# 1462
 Delta R.T. -0.00 min
 Lab File: VY000421.D
 Acq: 25 Oct 2019 12:08

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1025SBS01

Tot Ion:	97	Resp:	44159
Ion	Ratio	Lower	Upper
97	100		
83	85.9	69.0	103.6
85	54.1	46.2	69.4
99	57.1	51.1	76.7

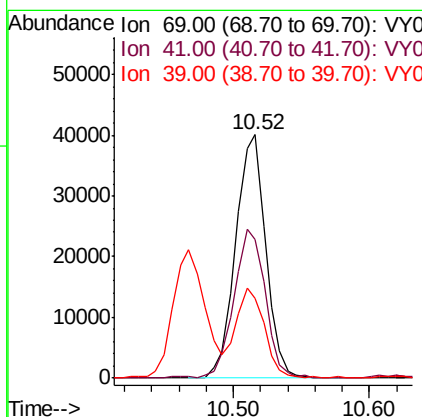
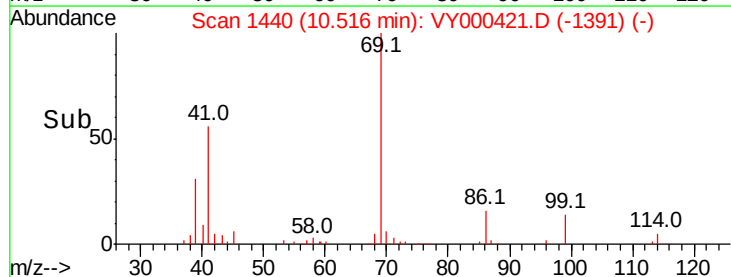
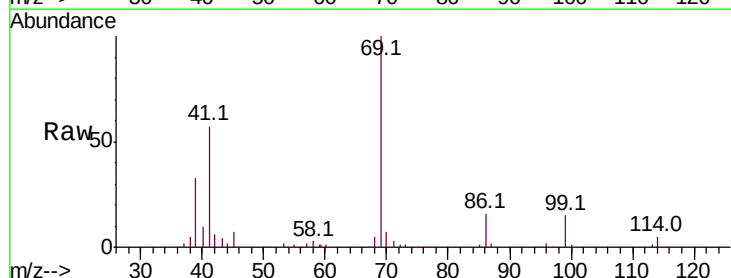
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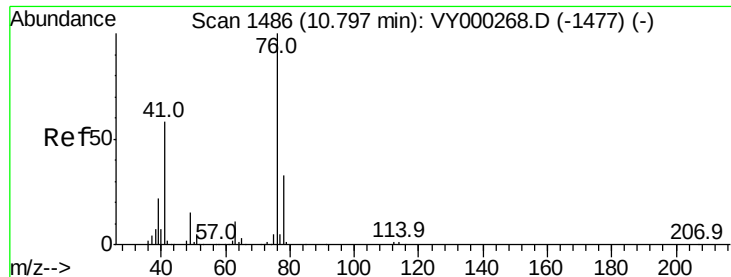
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#56
 Ethyl methacrylate
 Concen: 22.032 ug/l
 RT: 10.52 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: VY000421.D
 Acq: 25 Oct 2019 12:08

Tgt Ion:	69	Resp:	61658
Ion	Ratio	Lower	Upper
69	100		
41	63.6	52.5	78.7
39	35.0	26.7	40.1





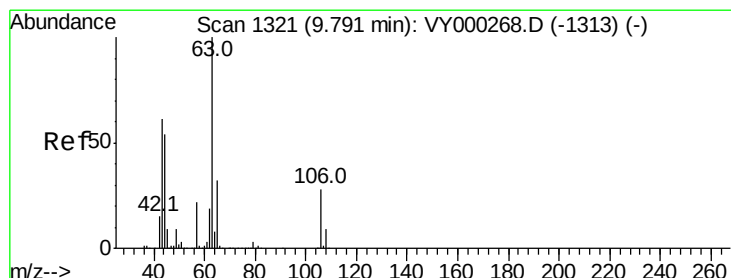
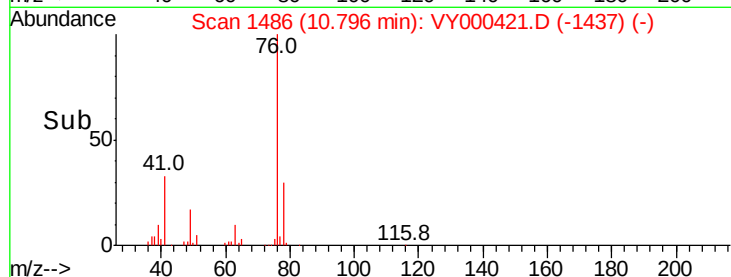
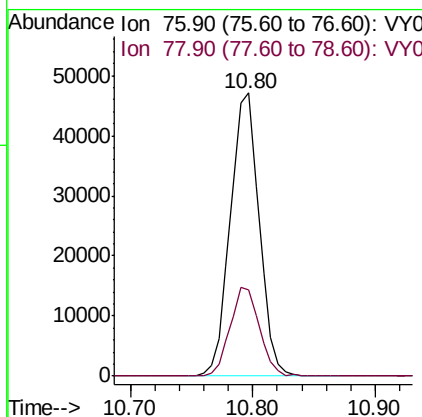
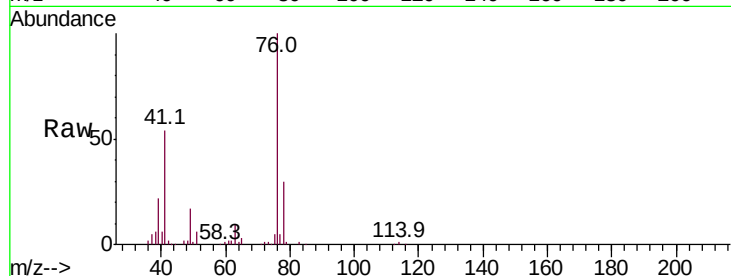
#57
 1,3-Dichloropropane
 Concen: 22.676 ug/l
 RT: 10.80 min Scan# 1486
 Delta R.T. -0.00 min
 Lab File: VY000421.D
 Acq: 25 Oct 2019 12:08

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1025SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	31.8	26.2	39.2

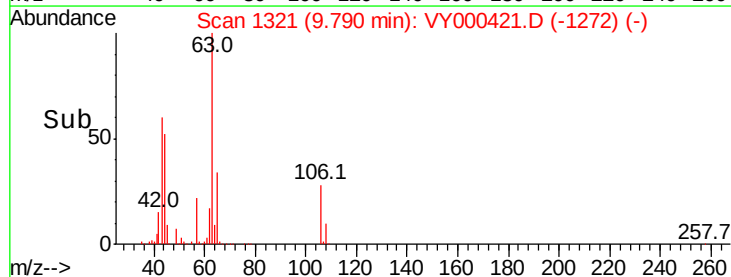
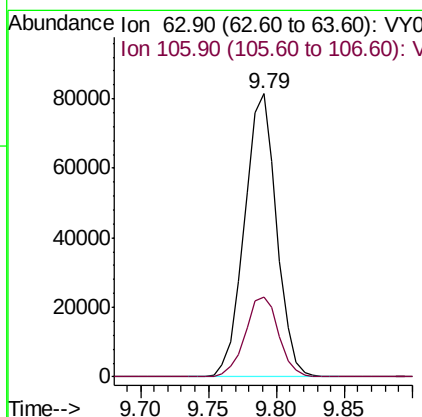
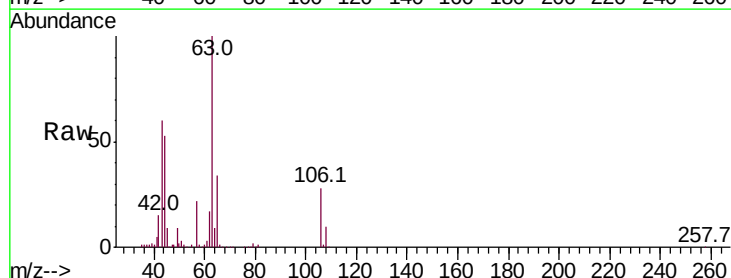
Manual Integrations
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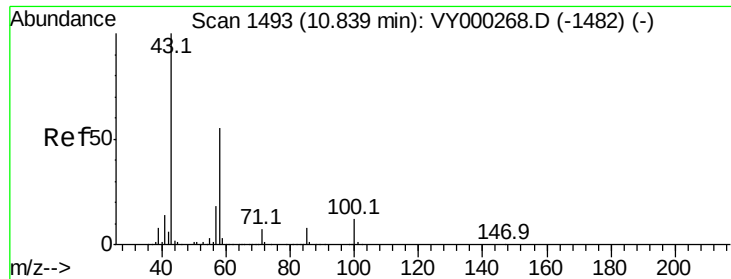
MMDadoda
 10/28/2019 12:38:35 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 120.536 ug/l
 RT: 9.79 min Scan# 1321
 Delta R.T. -0.00 min
 Lab File: VY000421.D
 Acq: 25 Oct 2019 12:08

Tgt Ion	Ratio	Lower	Upper
63	100		
106	29.3	23.0	34.4





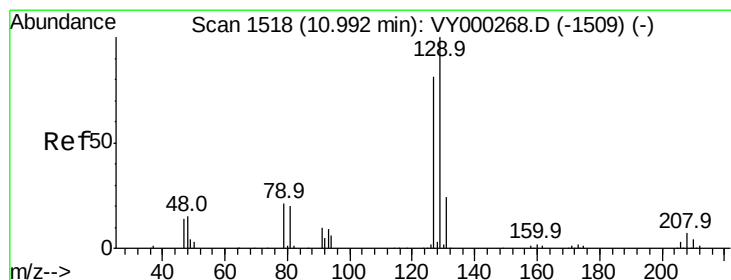
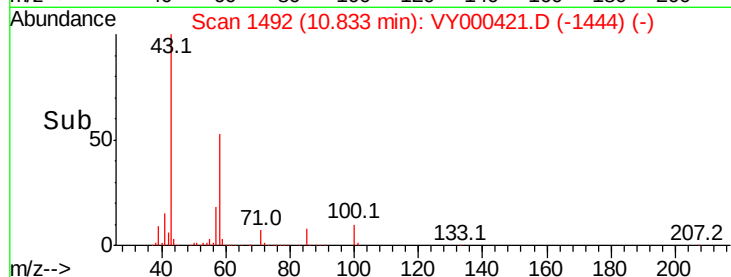
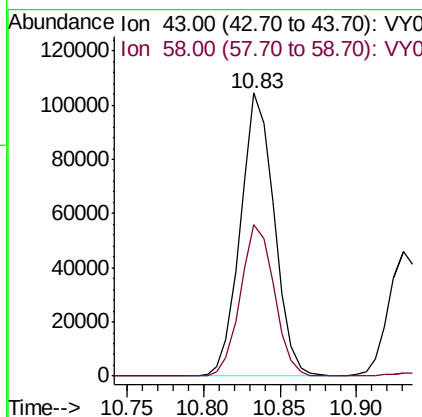
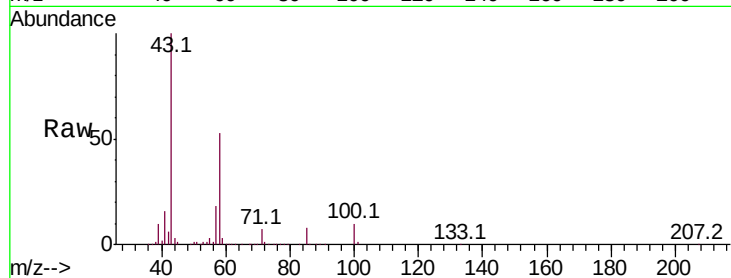
#59
2-Hexanone
Concen: 115.540 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.01 min
Lab File: VY000421.D
Acq: 25 Oct 2019 12:08

Instrument :
MSVOA_Y
ClientSampleId :
VY1025SBS01

Tot Ion: 43 Resp: 160413
Ion Ratio Lower Upper
43 100
58 53.6 27.7 83.1

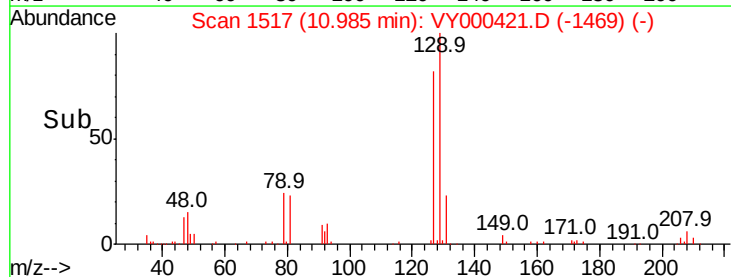
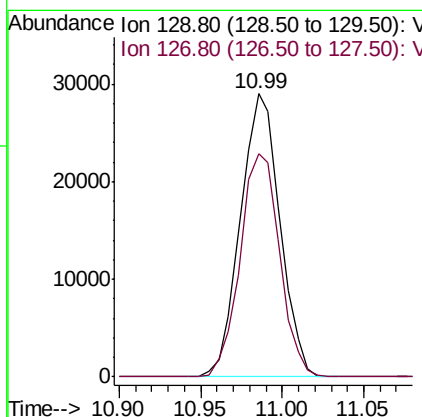
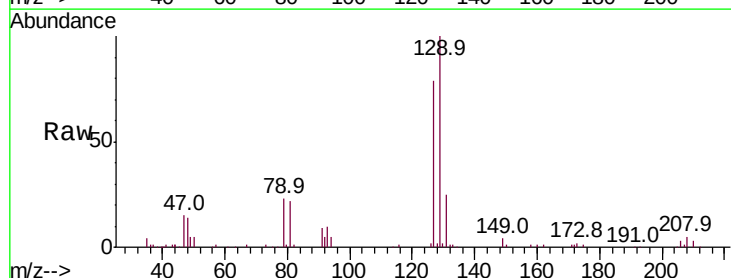
Manual Integrations
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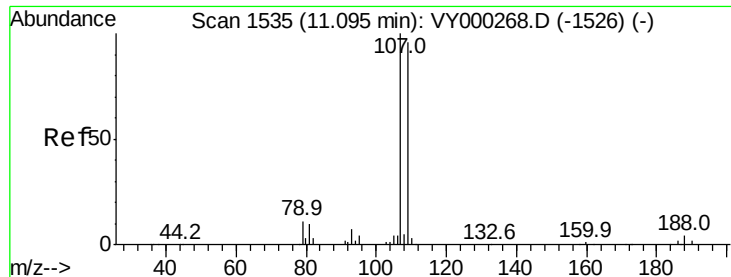
MMDadoda
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#60
Dibromochloromethane
Concen: 22.504 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.01 min
Lab File: VY000421.D
Acq: 25 Oct 2019 12:08

Tgt Ion: 129 Resp: 48974
Ion Ratio Lower Upper
129 100
127 78.8 39.9 119.7





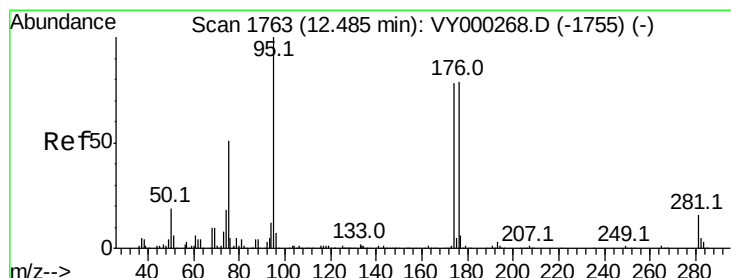
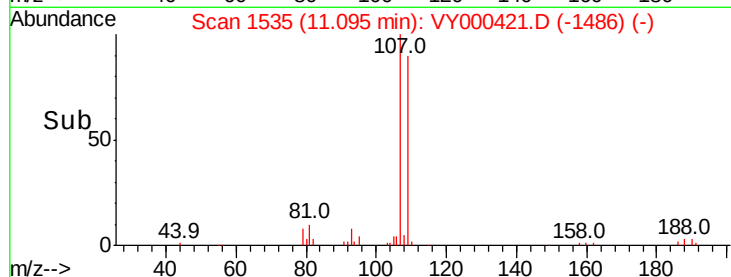
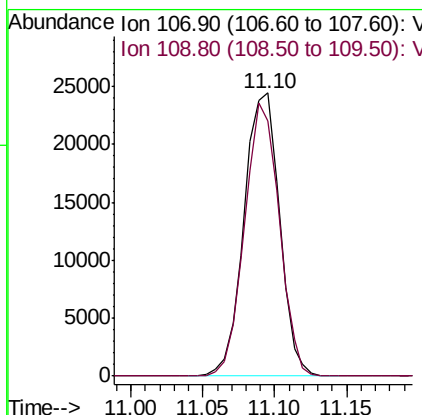
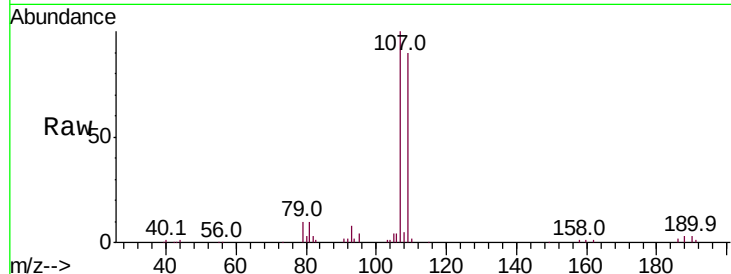
#61
 1,2-Dibromoethane
 Concen: 22.058 ug/l
 RT: 11.10 min Scan# 1535
 Delta R.T. -0.00 min
 Lab File: VY000421.D
 Acq: 25 Oct 2019 12:08

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1025SBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.6	75.1	112.7

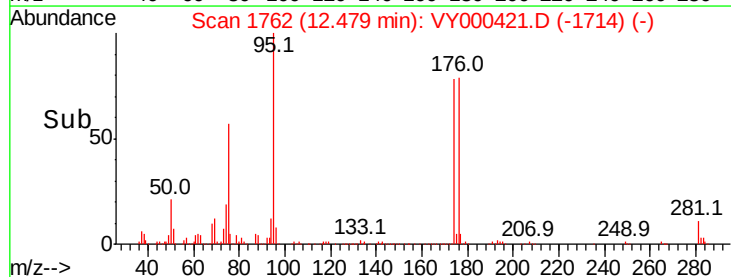
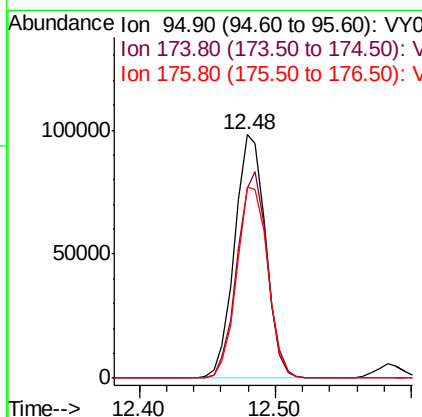
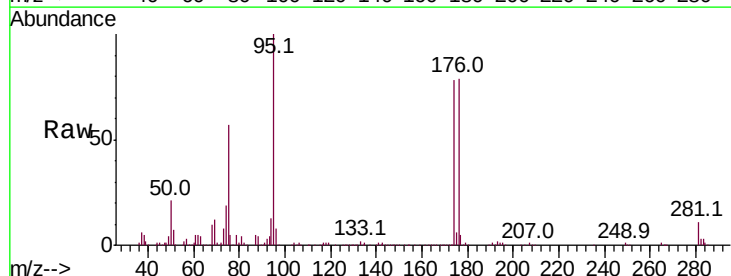
Manual Integrations
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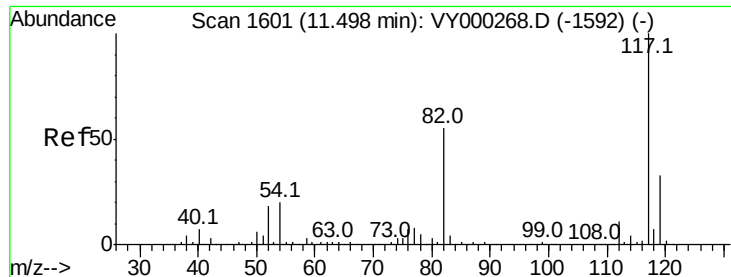
MMDadoda
 10/28/2019 12:38:35 PM



#62
 4-Bromofluorobenzene
 Concen: 50.664 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.01 min
 Lab File: VY000421.D
 Acq: 25 Oct 2019 12:08

Tgt Ion	Ratio	Lower	Upper
95	100		
174	82.8	0.0	159.6
176	78.8	0.0	153.8





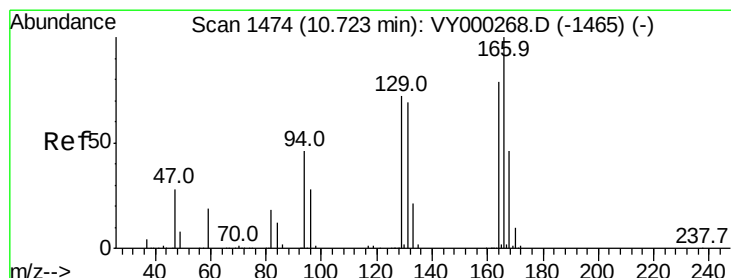
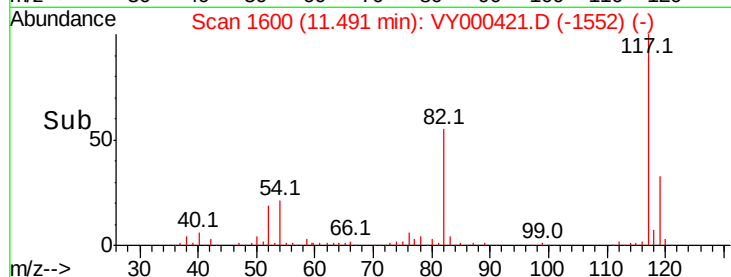
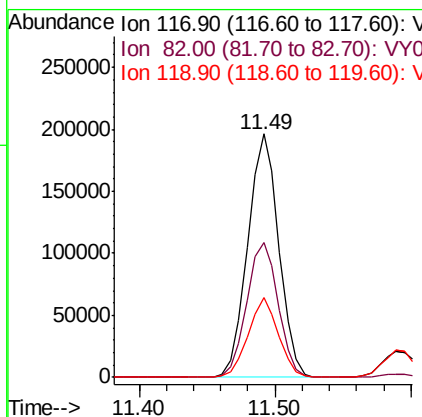
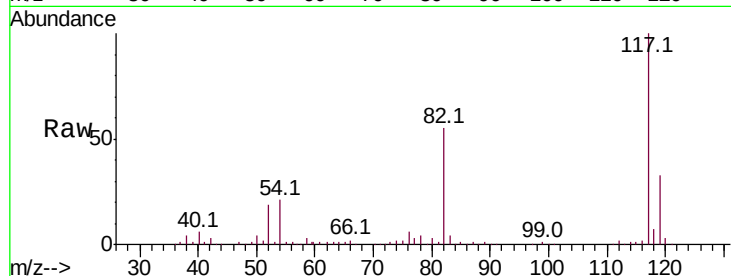
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY000421.D
Acq: 25 Oct 2019 12:08

Instrument :
MSVOA_Y
ClientSampleId :
VY1025SBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.5	43.7	65.5
119	32.5	26.6	39.8

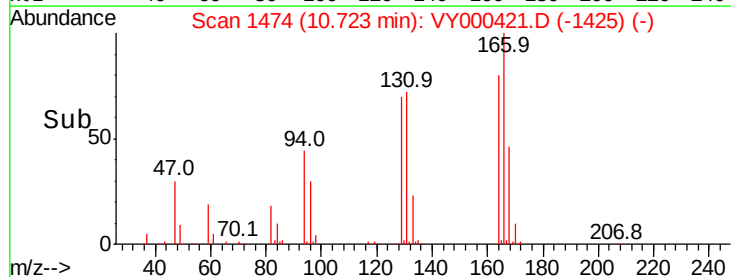
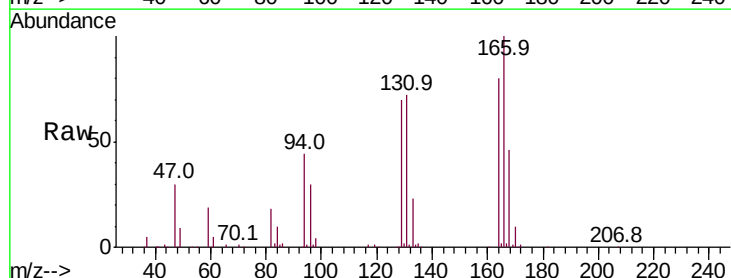
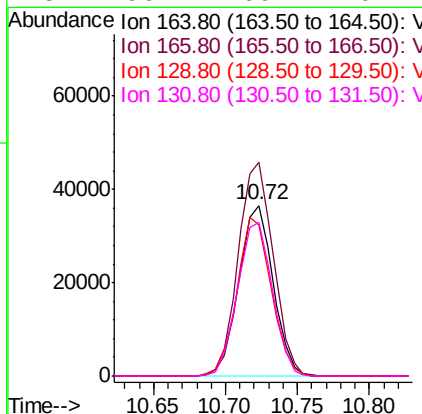
Manual Integrations
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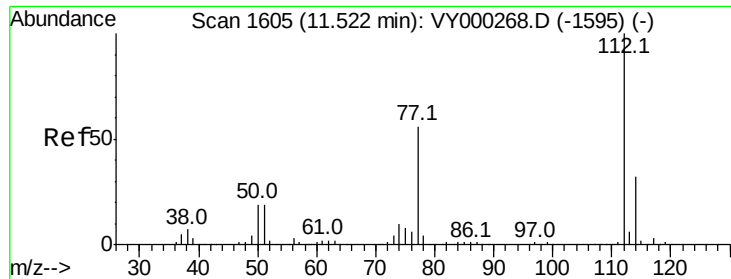
MMDadoda
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#64
Tetrachloroethene
Concen: 20.238 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VY000421.D
Acq: 25 Oct 2019 12:08

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.3	100.6	151.0
129	88.4	72.8	109.2
131	90.2	69.4	104.2





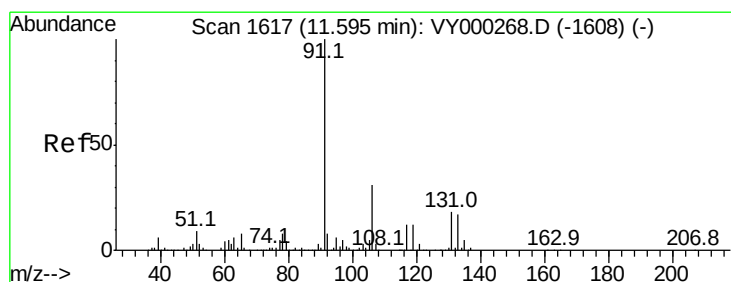
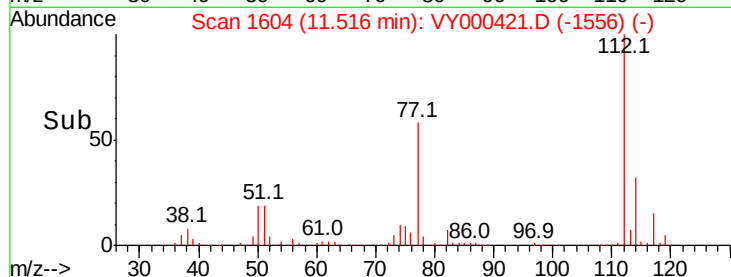
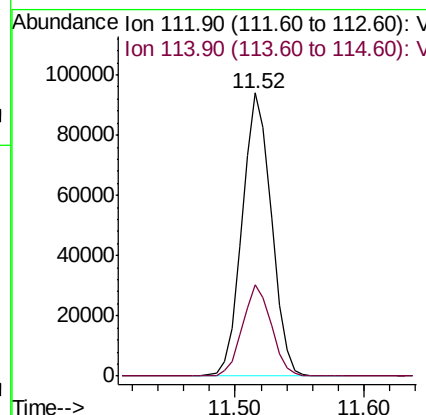
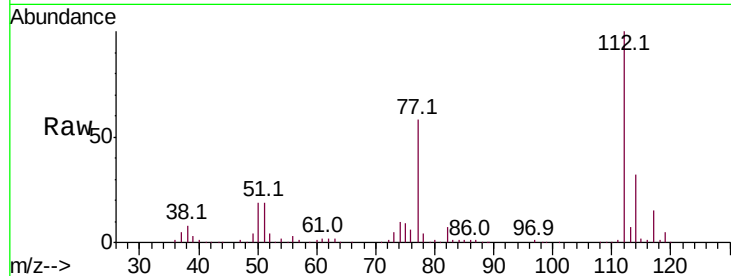
#65
Chlorobenzene
Concen: 22.257 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.01 min
Lab File: VY000421.D
Acq: 25 Oct 2019 12:08

Instrument :
MSVOA_Y
ClientSampleId :
VY1025SBS01

Tot Ion:112 Resp: 147354
Ion Ratio Lower Upper
112 100
114 32.2 25.7 38.5

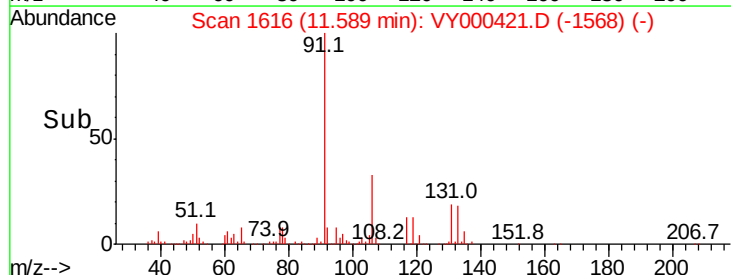
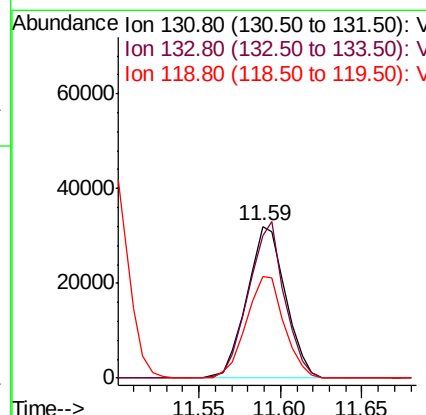
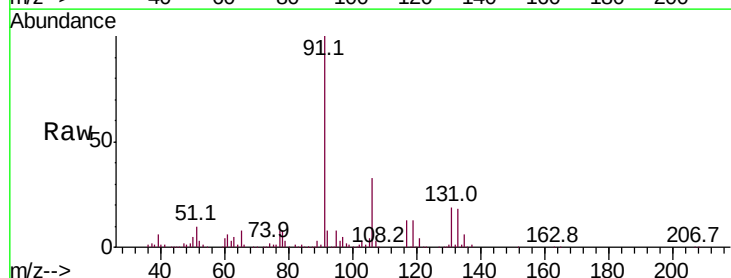
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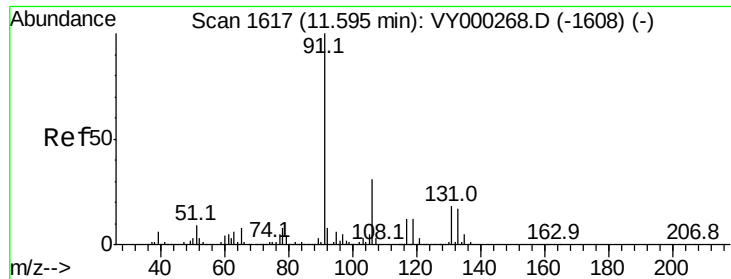
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 22.718 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.01 min
Lab File: VY000421.D
Acq: 25 Oct 2019 12:08

Tgt Ion:131 Resp: 52835
Ion Ratio Lower Upper
131 100
133 95.6 47.2 141.6
119 66.3 32.6 98.0





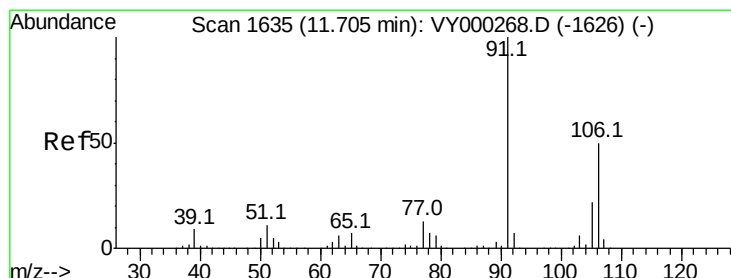
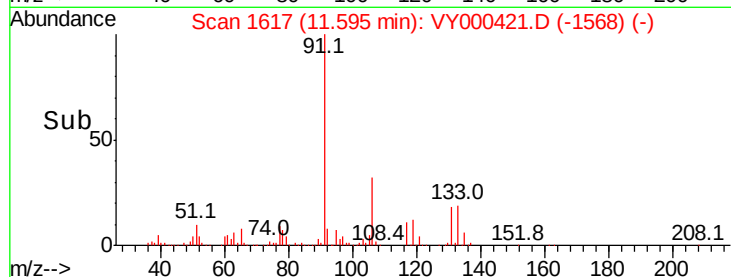
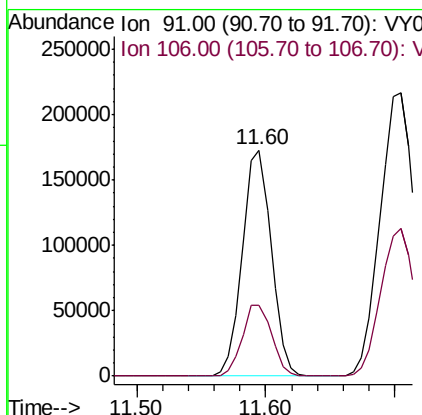
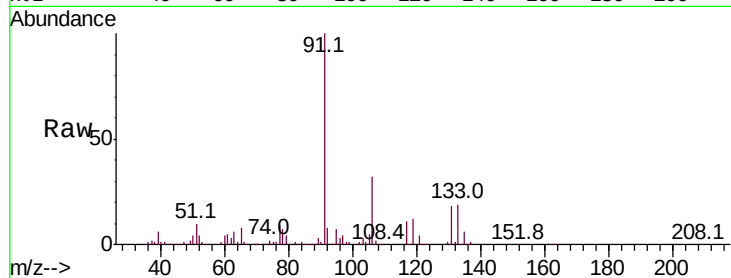
#67
Ethyl Benzene
Concen: 21.854 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. -0.00 min
Lab File: VY000421.D
Acq: 25 Oct 2019 12:08

Instrument :
MSVOA_Y
ClientSampleId :
VY1025SBS01

Tot Ion: 91 Resp: 268218
Ion Ratio Lower Upper
91 100
106 31.7 25.0 37.6

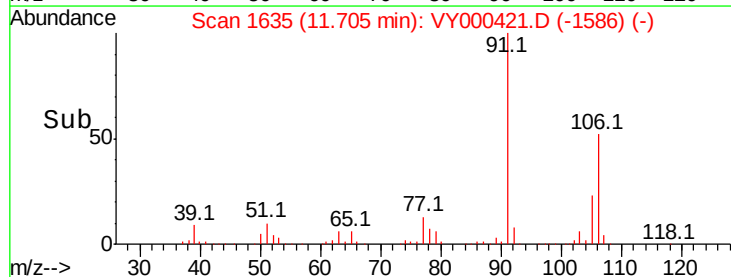
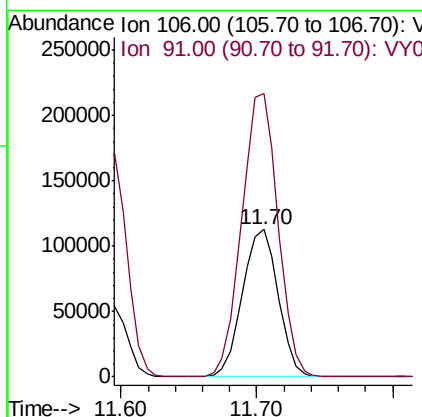
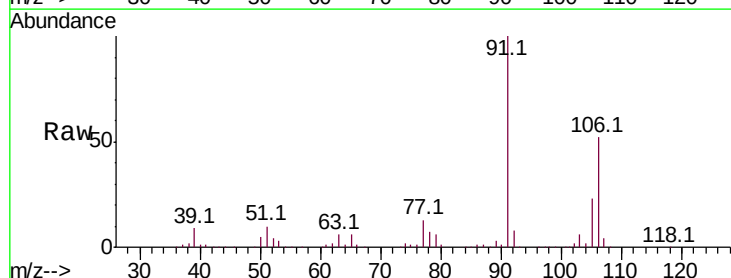
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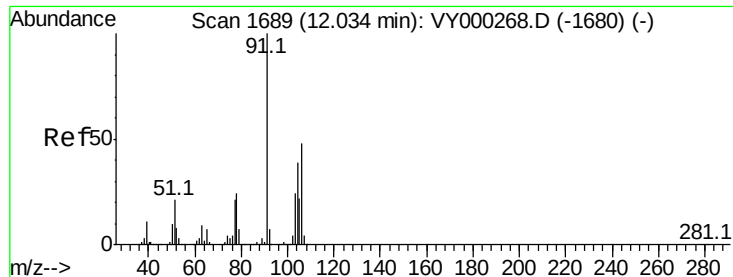
MMDadoda
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#68
m/p-Xylenes
Concen: 44.339 ug/l
RT: 11.70 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VY000421.D
Acq: 25 Oct 2019 12:08

Tgt Ion: 106 Resp: 208028
Ion Ratio Lower Upper
106 100
91 194.6 157.5 236.3





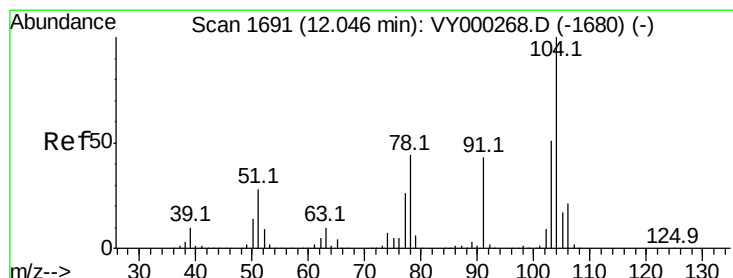
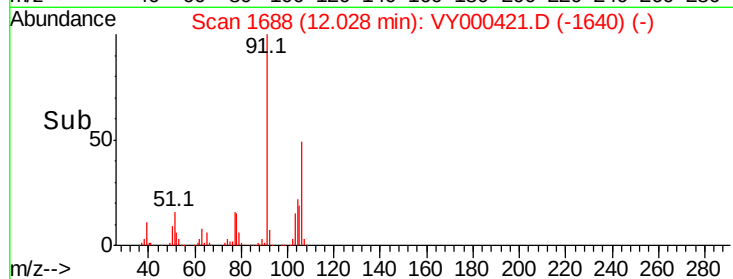
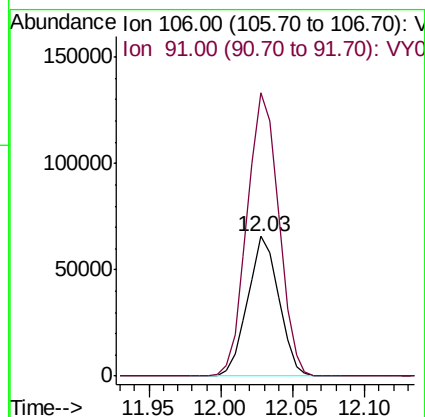
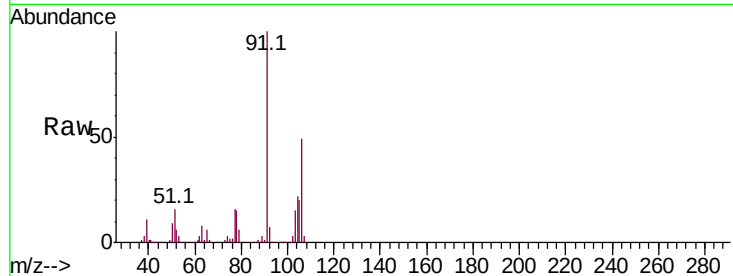
#69
o-Xylene
Concen: 21.990 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.01 min
Lab File: VY000421.D
Acq: 25 Oct 2019 12:08

Instrument :
MSVOA_Y
ClientSampleId :
VY1025SBS01

Tot Ion:106 Resp: 98423
Ion Ratio Lower Upper
106 100
91 206.5 104.7 313.9

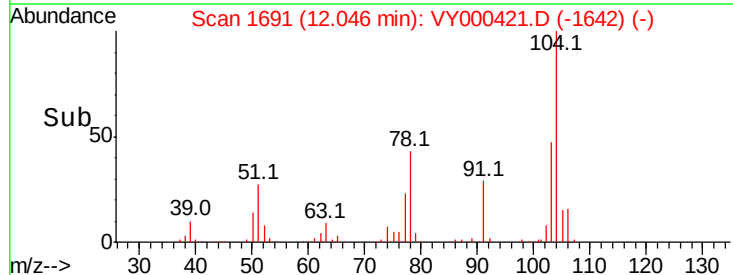
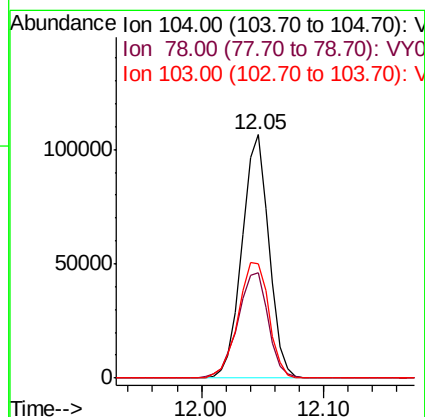
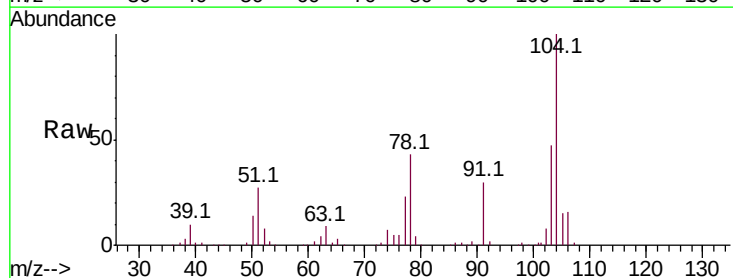
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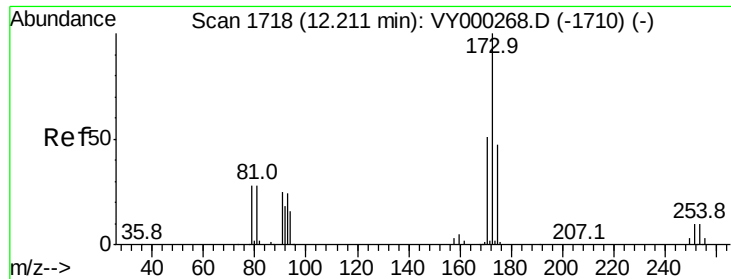
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#70
Styrene
Concen: 21.519 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. -0.00 min
Lab File: VY000421.D
Acq: 25 Oct 2019 12:08

Tgt Ion:104 Resp: 162431
Ion Ratio Lower Upper
104 100
78 48.8 39.0 58.6
103 54.2 43.1 64.7





#71

Bromoform

Concen: 22.399 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. -0.00 min

Lab File: VY000421.D

Acq: 25 Oct 2019 12:08

Instrument :

MSVOA_Y

ClientSampleId :

VY1025SBS01

Tot Ion:173 Resp: 29946

Ion Ratio Lower Upper

173 100

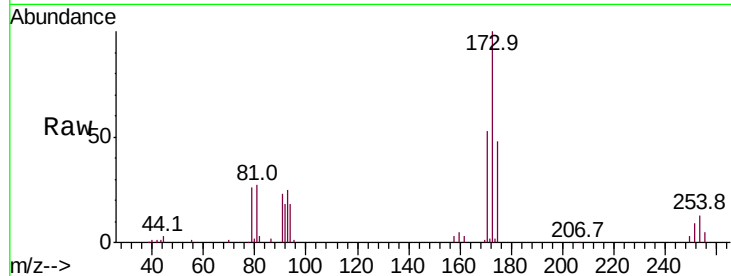
175 49.1 24.6 73.6

254 0.0 0.1 0.1#

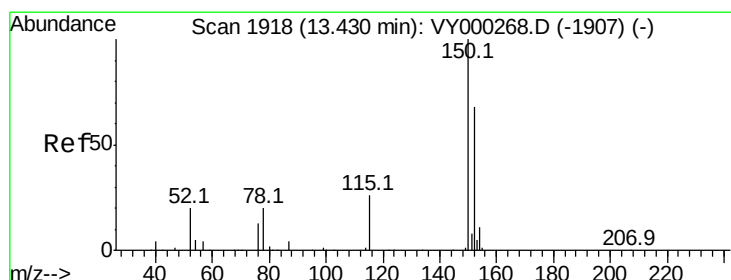
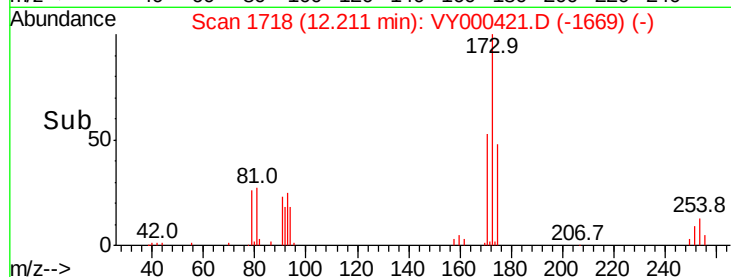
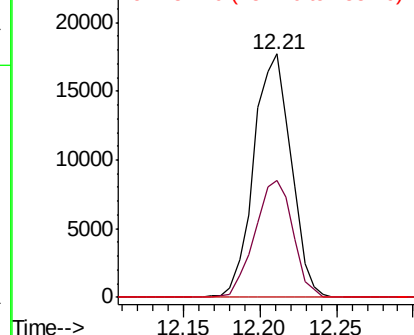
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. -0.01 min

Lab File: VY000421.D

Acq: 25 Oct 2019 12:08

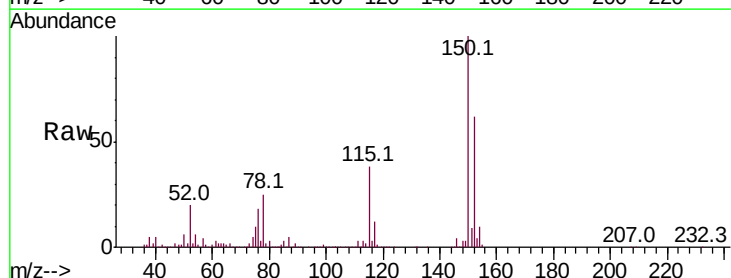
Tgt Ion:152 Resp: 157719

Ion Ratio Lower Upper

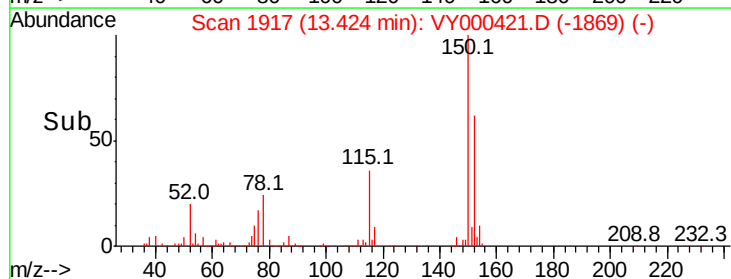
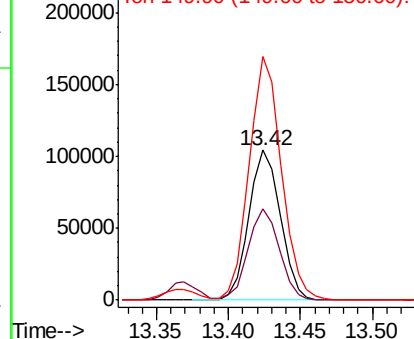
152 100

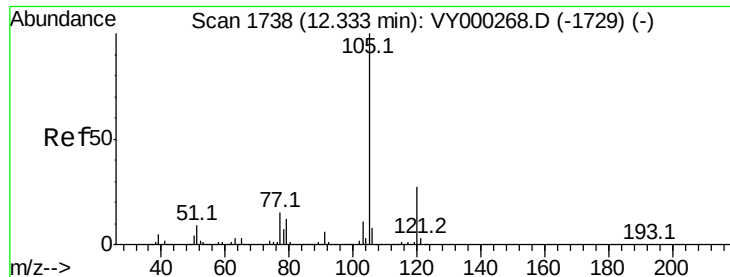
115 60.1 29.3 88.0

150 166.5 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: 21.278 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. -0.00 min

Lab File: VY000421.D

Acq: 25 Oct 2019 12:08

Instrument :

MSVOA_Y

ClientSampleId :

VY1025SBS01

Tot Ion:105 Resp: 261674

Ion Ratio Lower Upper

105 100

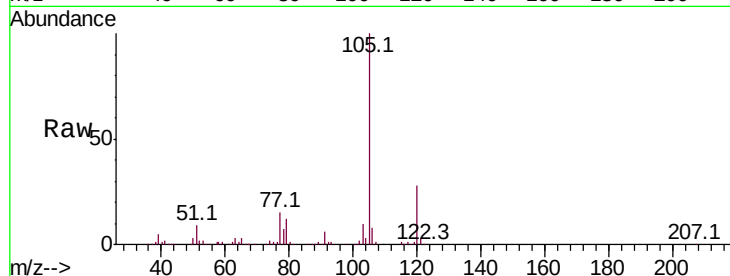
120 27.5 13.4 40.2

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.33

150000

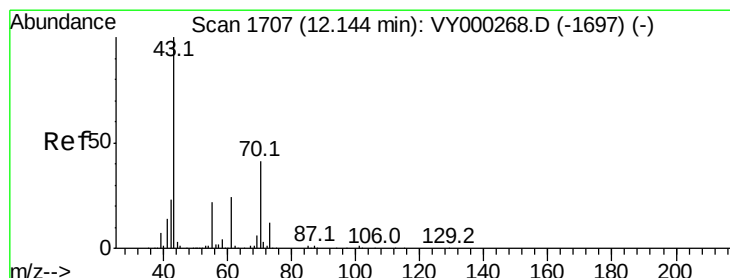
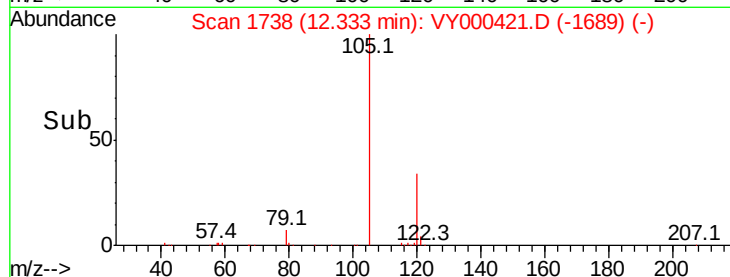
100000

50000

0

Time-->

12.25 12.30 12.35 12.40



#74

N-ethyl acetate

Concen: 23.752 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VY000421.D

Acq: 25 Oct 2019 12:08

Tgt Ion: 43 Resp: 71709

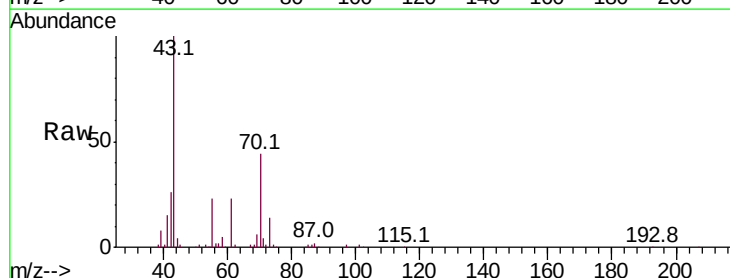
Ion Ratio Lower Upper

43 100

70 42.6 32.9 49.3

55 23.0 17.8 26.6

61 23.1 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

12.14

60000

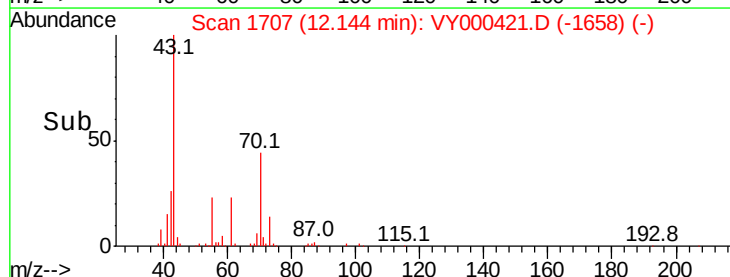
40000

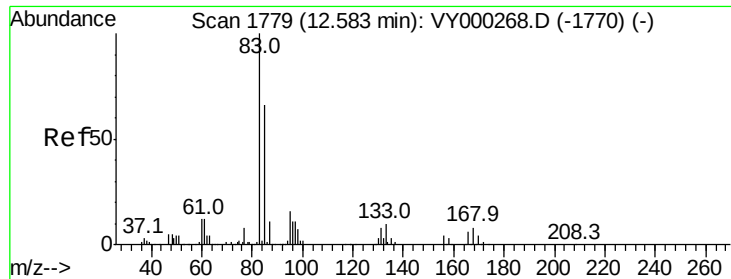
20000

0

Time-->

12.10 12.15 12.20





#75

1,1,2,2-Tetrachloroethane

Concen: 22.392 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY000421.D

Acq: 25 Oct 2019 12:08

Instrument :

MSVOA_Y

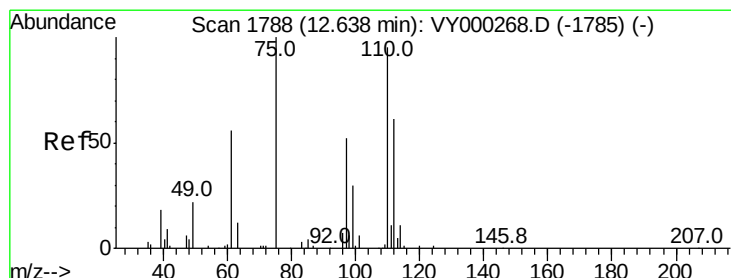
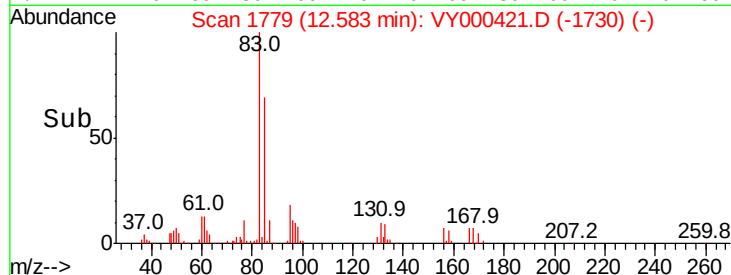
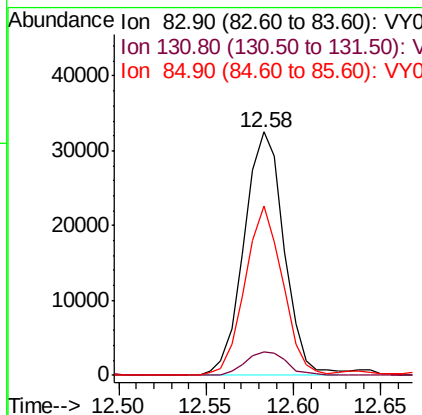
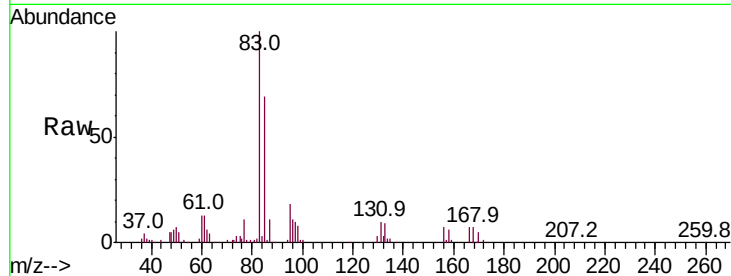
ClientSampleId :

VY1025SBS01

Tot Ion:	83	Resp:	51704
Ion Ratio	Lower	Upper	
83	100		
131	10.1	5.3	16.1
85	65.4	32.9	98.7

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#76

1,2,3-Trichloropropane

Concen: 16.098 ug/l m

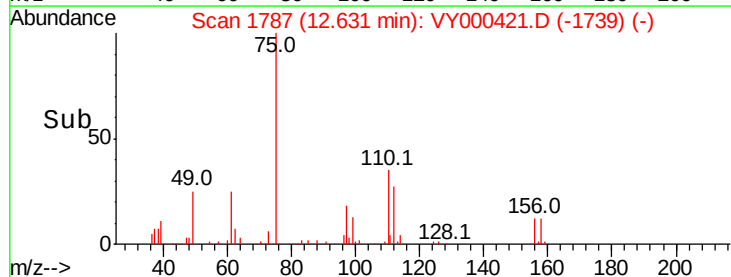
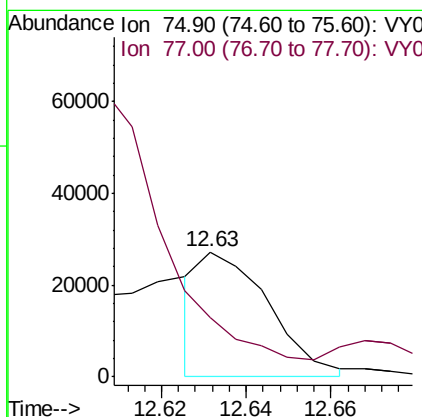
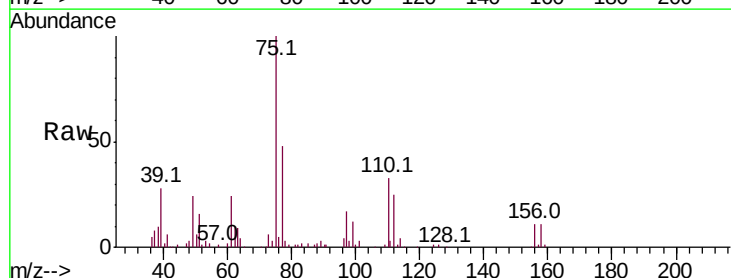
RT: 12.63 min Scan# 1787

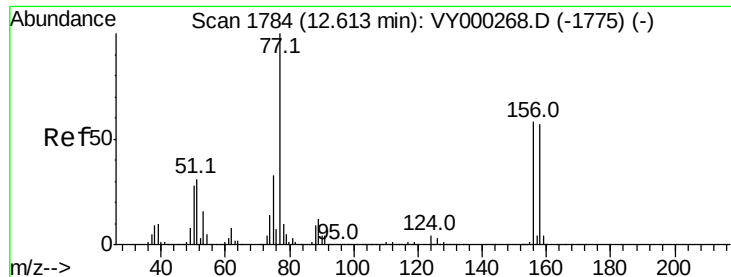
Delta R.T. -0.01 min

Lab File: VY000421.D

Acq: 25 Oct 2019 12:08

Tgt Ion:	75	Resp:	31221
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 22.086 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.01 min

Lab File: VY000421.D

Acq: 25 Oct 2019 12:08

Instrument :

MSVOA_Y

ClientSampleId :

VY1025SBS01

Tot Ion:156 Resp: 60440

Ion Ratio Lower Upper

156 100

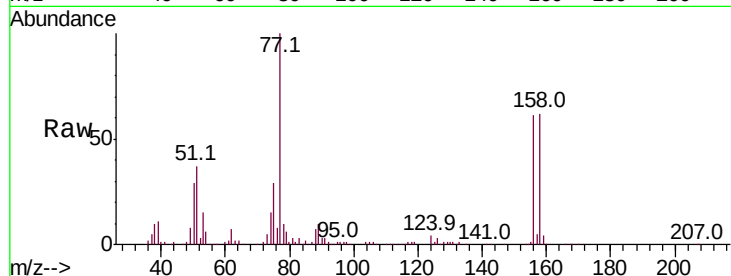
77 191.2 101.0 302.9

158 95.6 49.7 149.1

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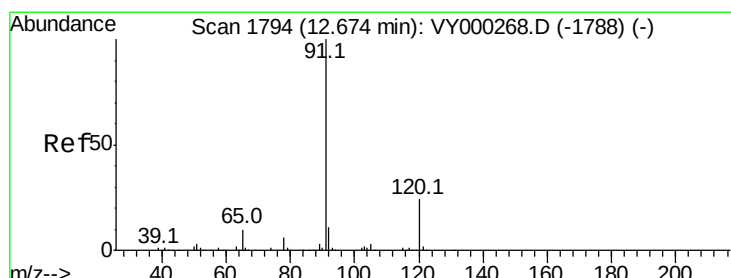
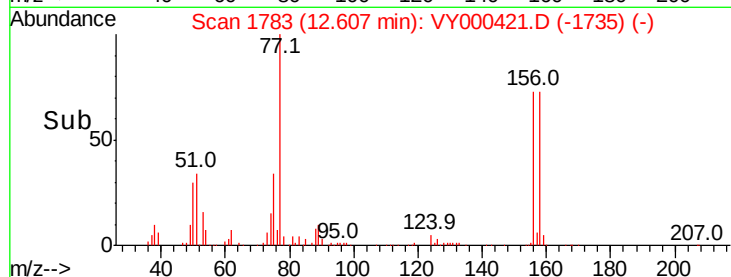
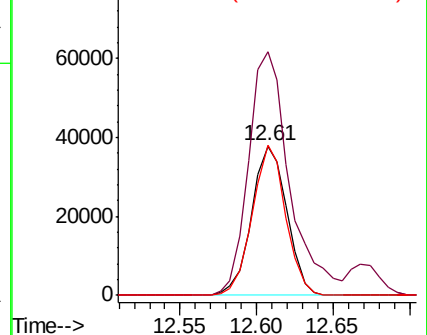
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.413 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. -0.01 min

Lab File: VY000421.D

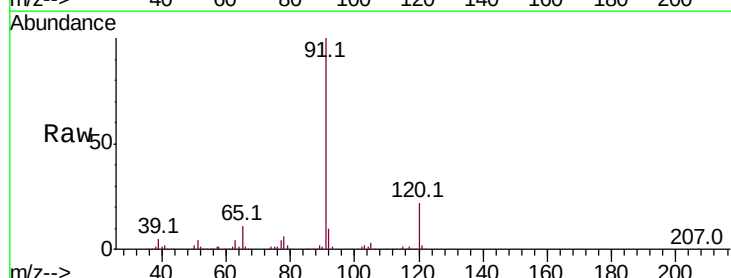
Acq: 25 Oct 2019 12:08

Tgt Ion: 91 Resp: 316169

Ion Ratio Lower Upper

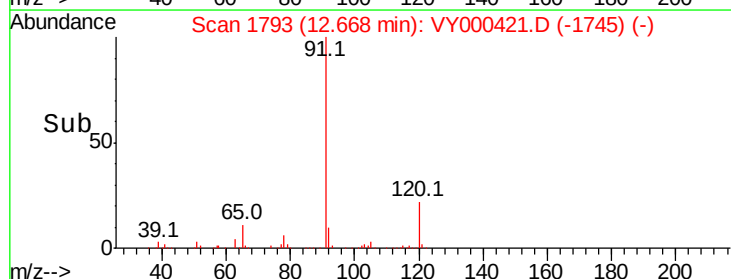
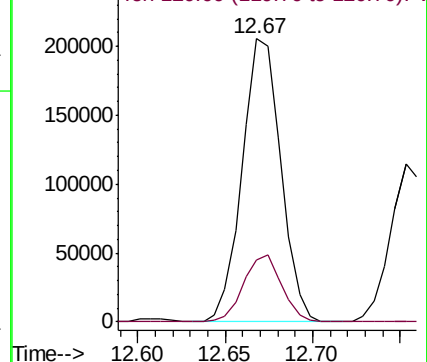
91 100

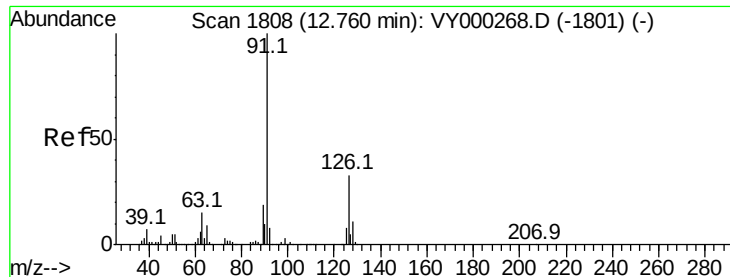
120 23.3 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





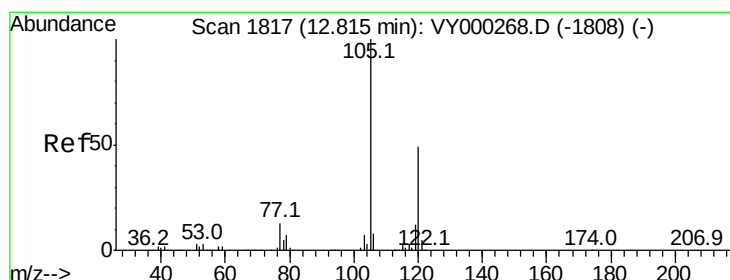
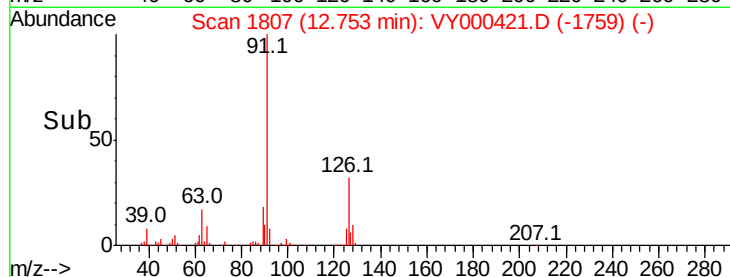
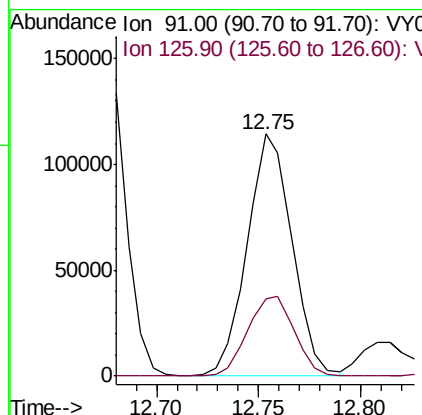
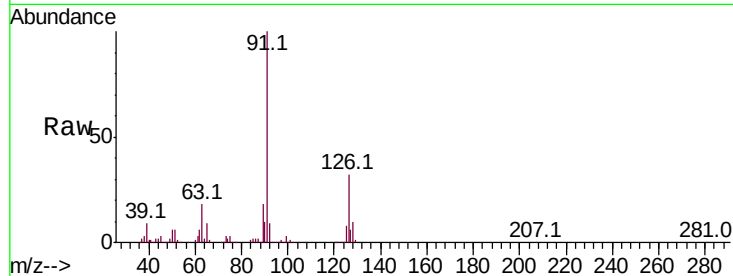
#79
 2-Chlorotoluene
 Concen: 21.516 ug/l
 RT: 12.75 min Scan# 1807
 Delta R.T. -0.01 min
 Lab File: VY000421.D
 Acq: 25 Oct 2019 12:08

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1025SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
126	34.4	17.1	51.3

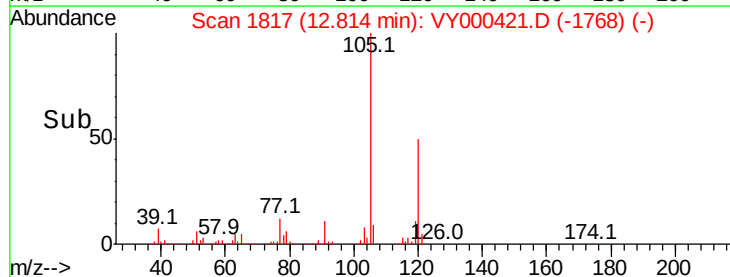
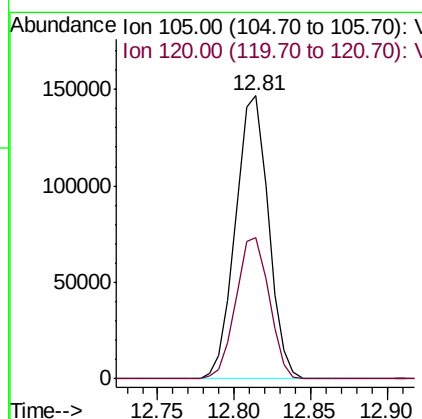
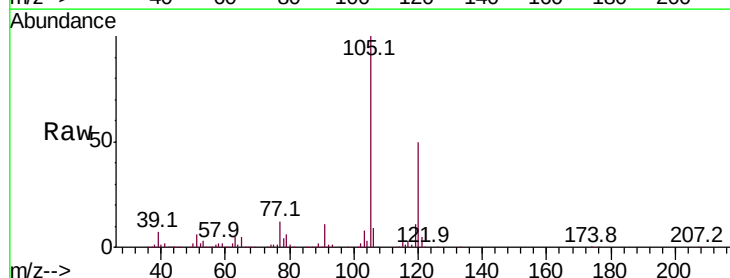
Manual Integrations
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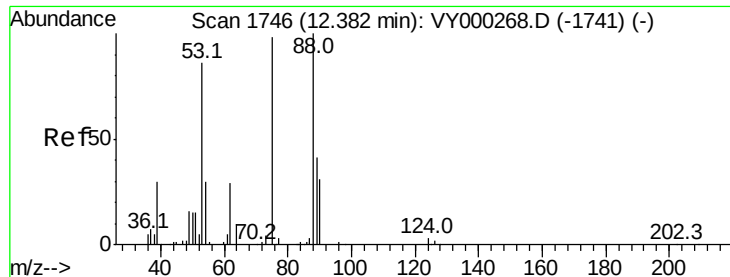
MMDadoda
 10/28/2019 12:38:35 PM



#80
 1,3,5-Trimethylbenzene
 Concen: 21.282 ug/l
 RT: 12.81 min Scan# 1817
 Delta R.T. -0.00 min
 Lab File: VY000421.D
 Acq: 25 Oct 2019 12:08

Tgt Ion	Ratio	Lower	Upper
105	100		
120	50.6	24.9	74.8





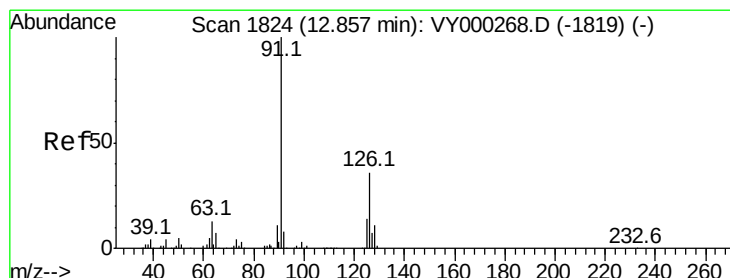
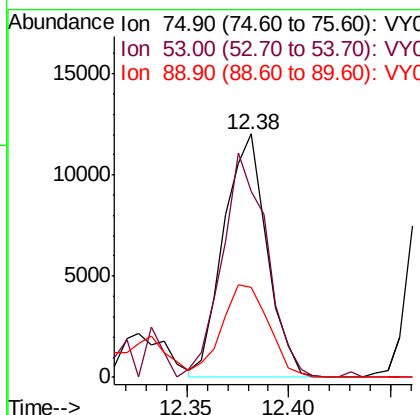
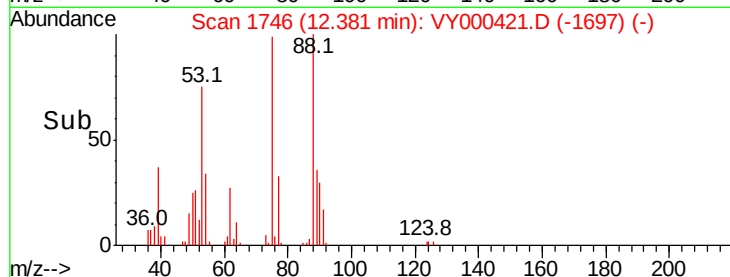
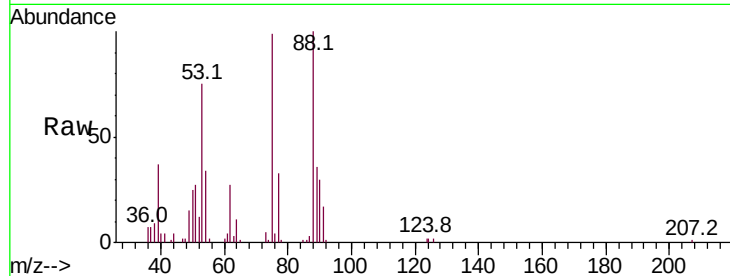
#81
trans-1,4-Dichloro-2-butene
Concen: 19.943 ug/l
RT: 12.38 min Scan# 1746
Delta R.T. -0.00 min
Lab File: VY000421.D
Acq: 25 Oct 2019 12:08

Instrument :
MSVOA_Y
ClientSampleId :
VY1025SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	95.6	71.3	106.9
89	41.6	35.1	52.7

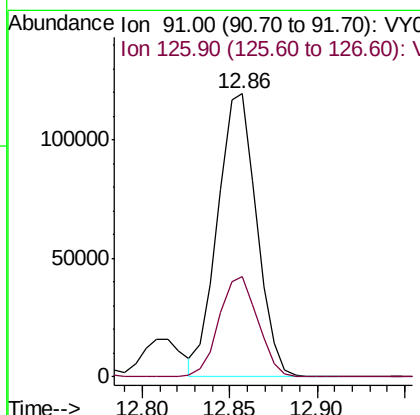
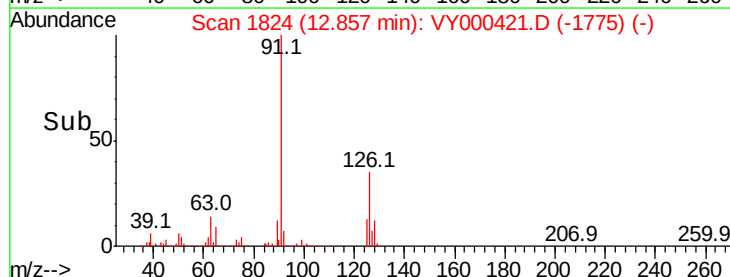
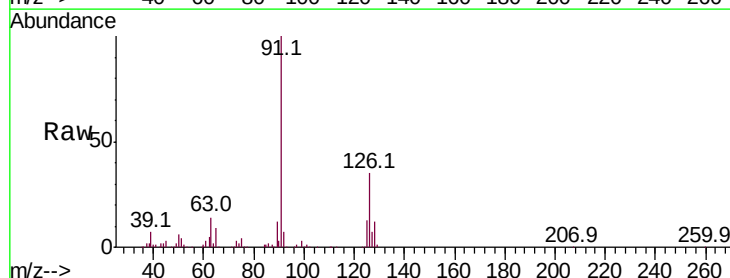
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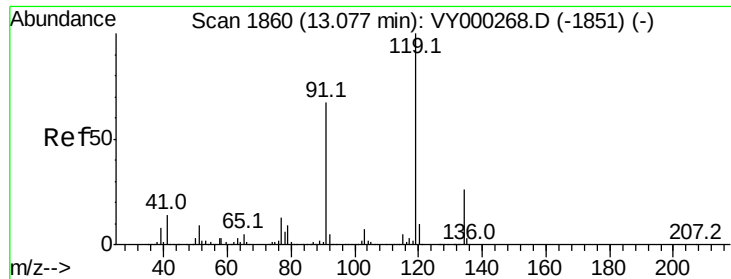
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#82
4-Chlorotoluene
Concen: 21.539 ug/l
RT: 12.86 min Scan# 1824
Delta R.T. -0.00 min
Lab File: VY000421.D
Acq: 25 Oct 2019 12:08

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.5	17.2	51.5





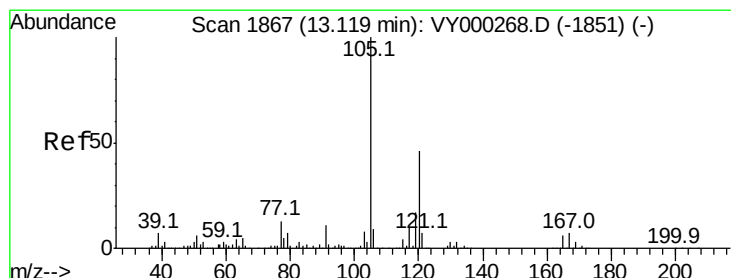
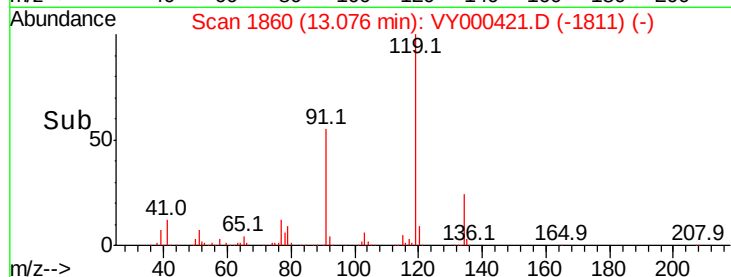
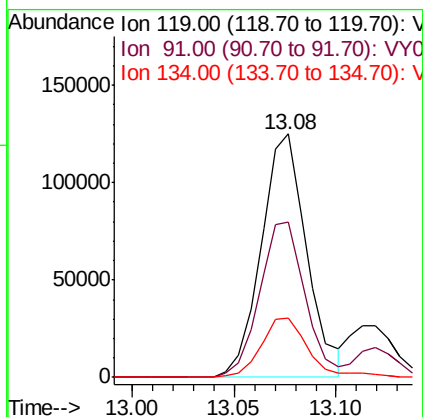
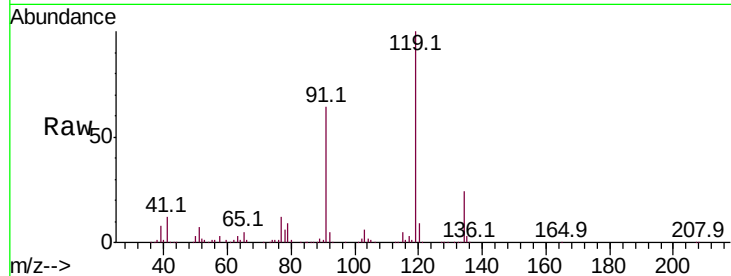
#83
 tert-Butylbenzene
 Concen: 22.235 ug/l
 RT: 13.08 min Scan# 1860
 Delta R.T. -0.00 min
 Lab File: VY000421.D
 Acq: 25 Oct 2019 12:08

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1025SBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	194176		
91	63.6	32.9	98.7	
134	25.6	13.3	39.8	

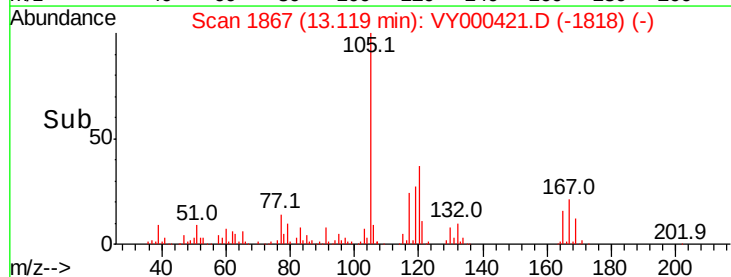
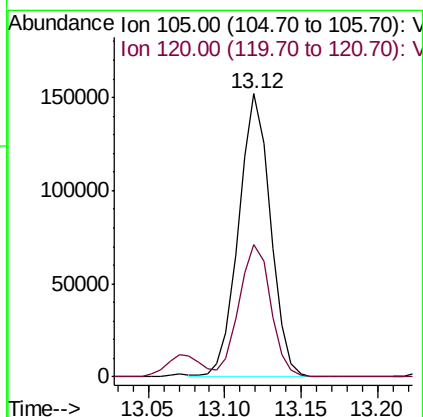
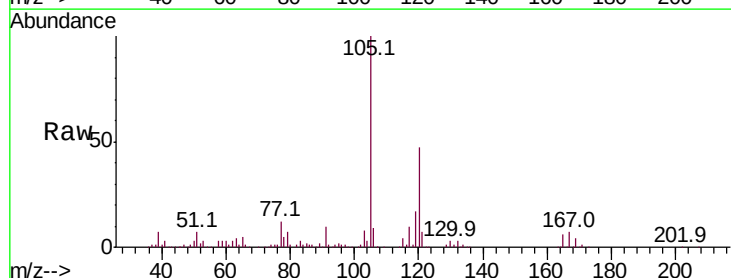
Manual Integrations
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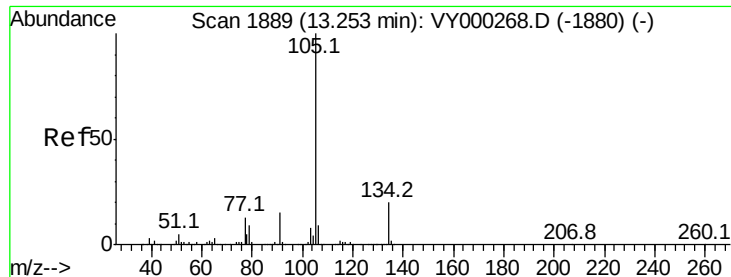
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#84
 1,2,4-Trimethylbenzene
 Concen: 21.558 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VY000421.D
 Acq: 25 Oct 2019 12:08

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	219410		
120	46.6	22.9	68.8	





#85

sec-Butylbenzene

Concen: 21.563 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY000421.D

Acq: 25 Oct 2019 12:08

Instrument :

MSVOA_Y

ClientSampleId :

VY1025SBS01

Tot Ion:105 Resp: 272405

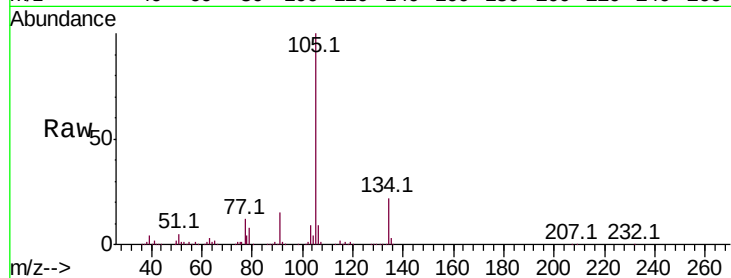
Ion Ratio Lower Upper

105 100

134 21.0 10.1 30.1

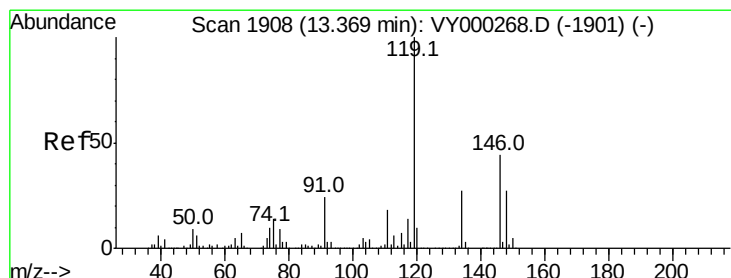
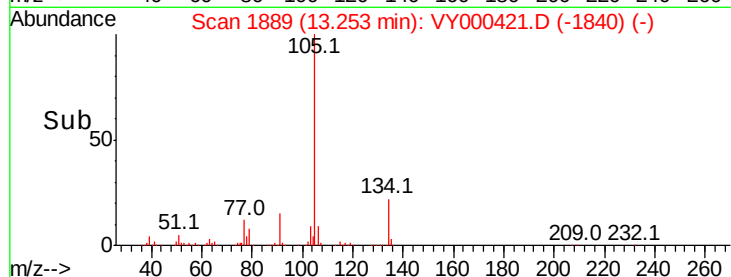
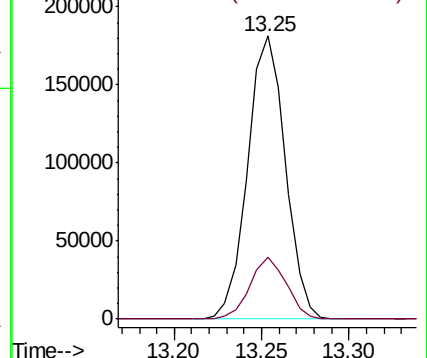
Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.940 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY000421.D

Acq: 25 Oct 2019 12:08

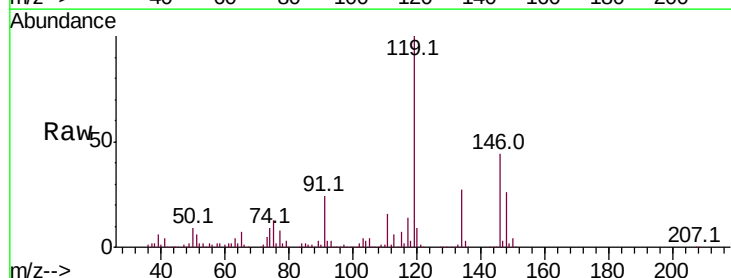
Tgt Ion:119 Resp: 241634

Ion Ratio Lower Upper

119 100

134 27.2 13.6 40.8

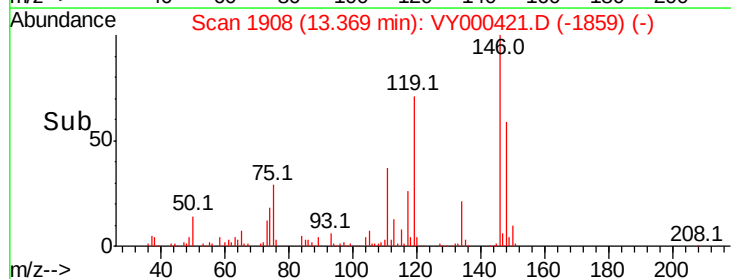
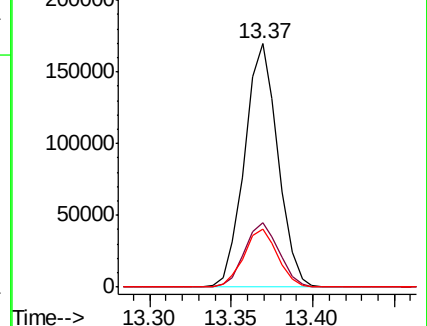
91 24.2 12.0 36.1

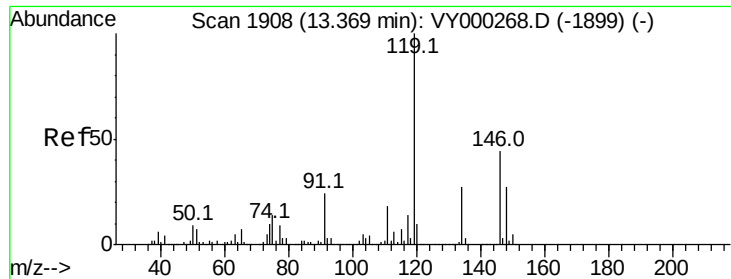


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





#87

1,3-Dichlorobenzene

Concen: 21.969 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY000421.D

Acq: 25 Oct 2019 12:08

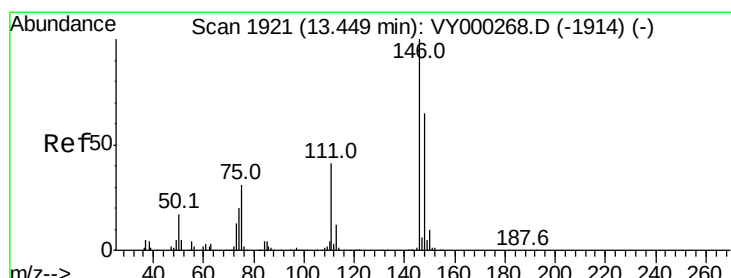
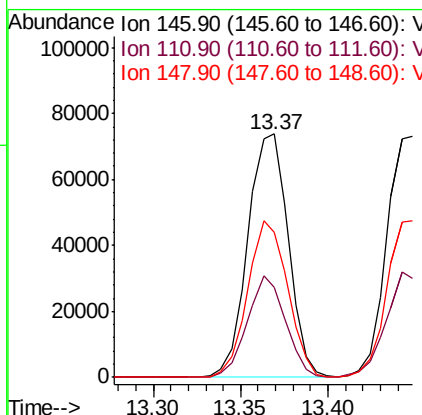
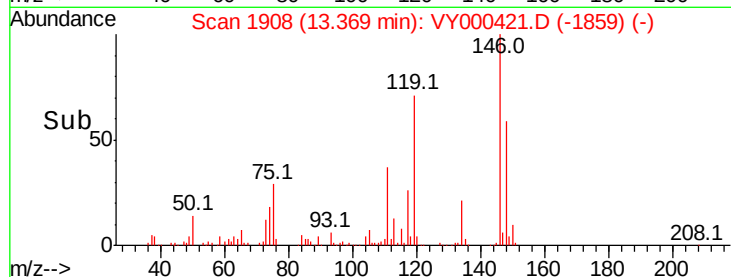
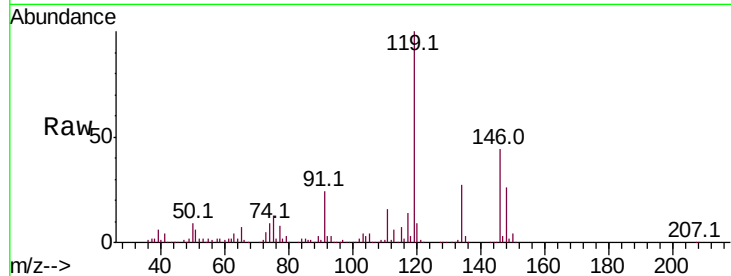
Instrument :
MSVOA_Y

ClientSampleId :
VY1025SBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	118451		
111	39.5	20.6	61.8	
148	63.9	31.9	95.5	

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 21.619 ug/l

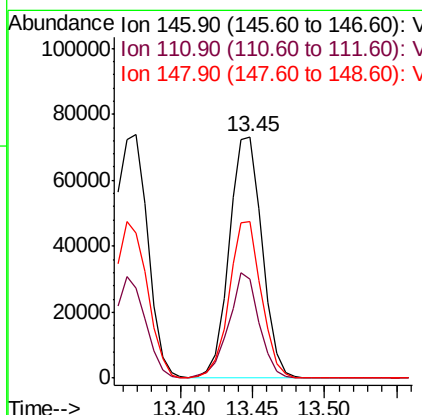
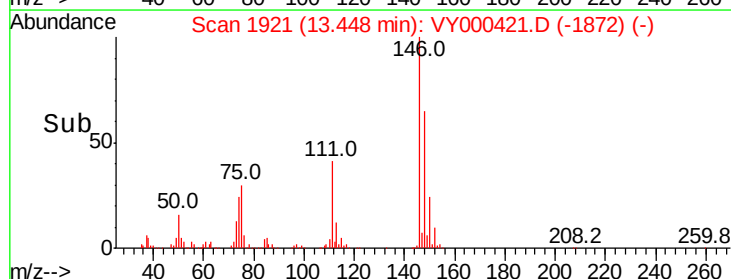
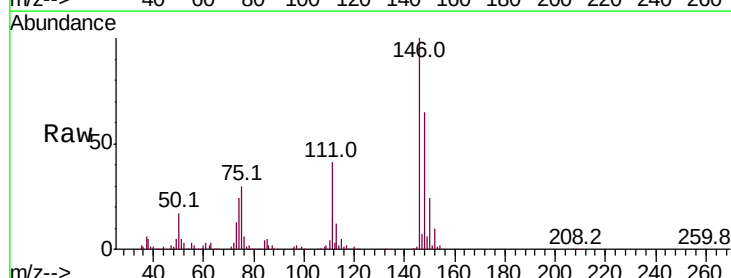
RT: 13.45 min Scan# 1921

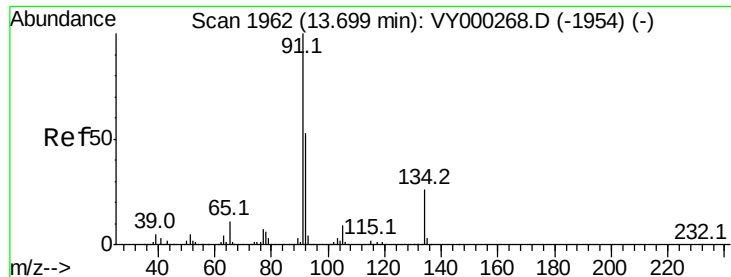
Delta R.T. -0.00 min

Lab File: VY000421.D

Acq: 25 Oct 2019 12:08

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	116508		
111	40.7	20.1	60.2	
148	63.4	32.4	97.2	





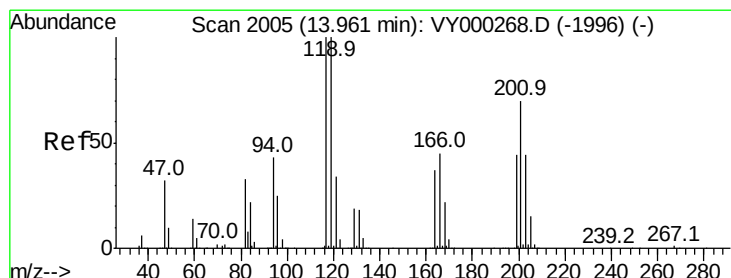
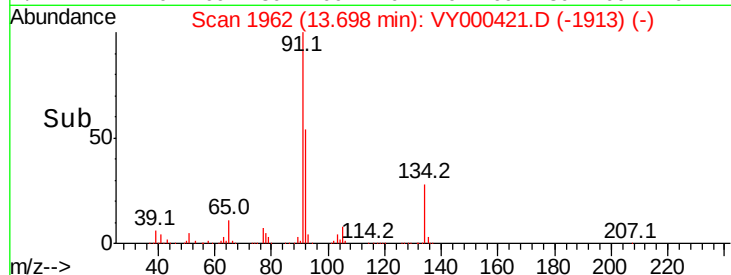
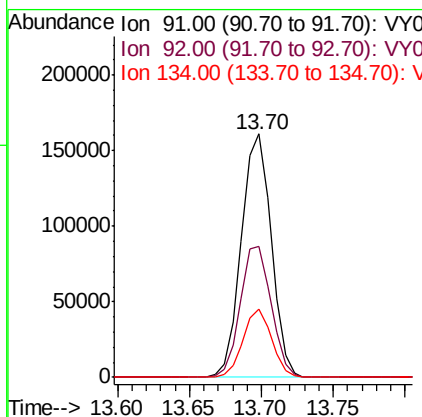
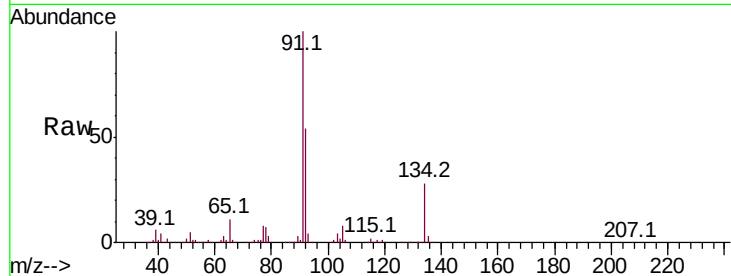
#89
n-Butylbenzene
Concen: 21.360 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. -0.00 min
Lab File: VY000421.D
Acq: 25 Oct 2019 12:08

Instrument :
MSVOA_Y
ClientSampleId :
VY1025SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	55.5	26.7	80.1
134	26.8	13.0	38.9

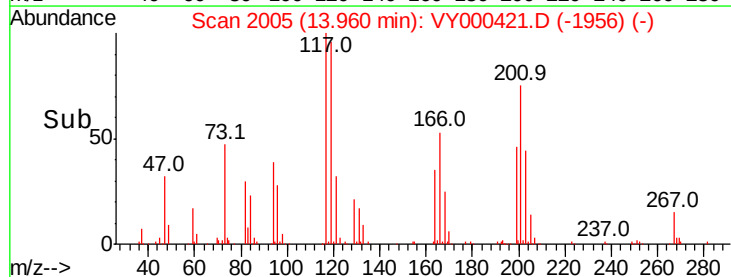
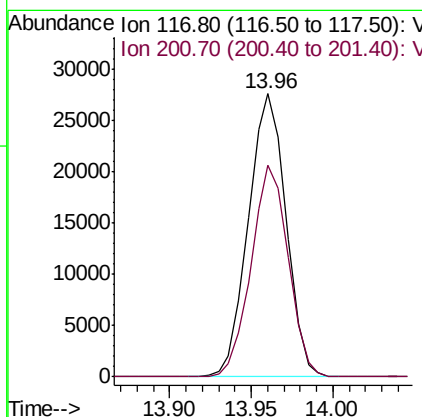
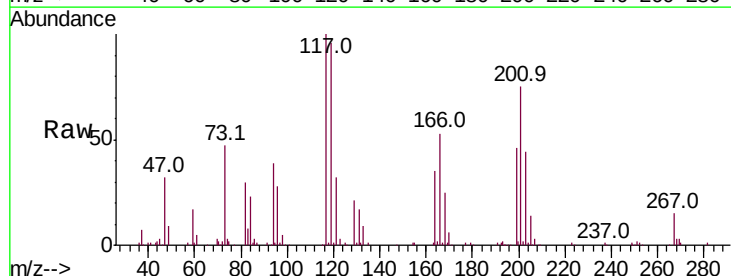
Manual Integrations
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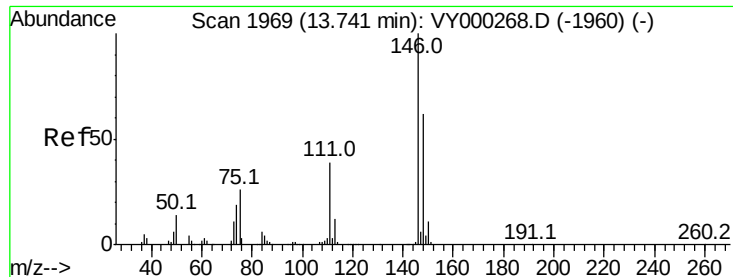
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#90
Hexachloroethane
Concen: 21.746 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.00 min
Lab File: VY000421.D
Acq: 25 Oct 2019 12:08

Tgt Ion	Ratio	Lower	Upper
117	100		
201	73.6	36.3	108.7





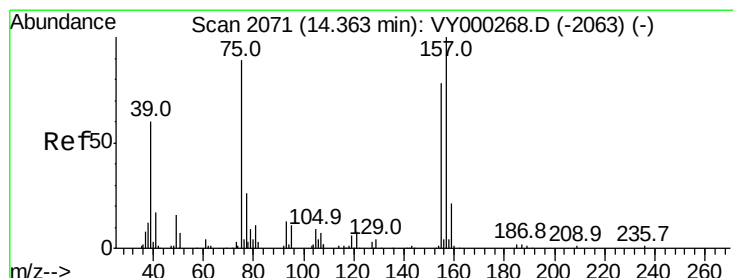
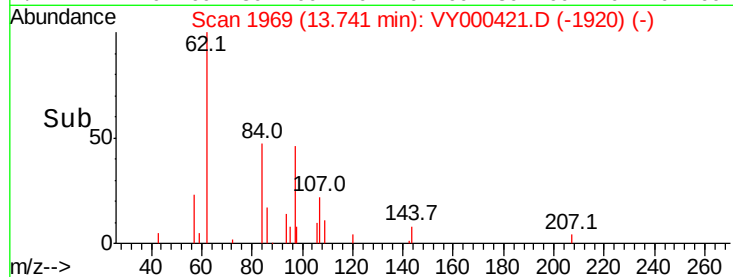
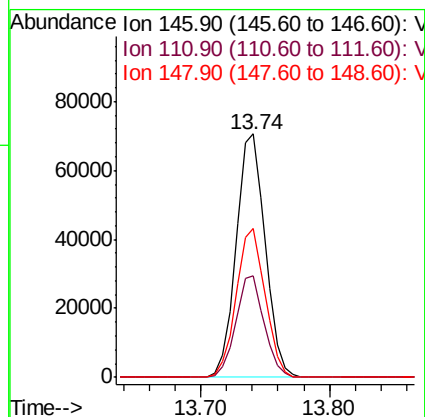
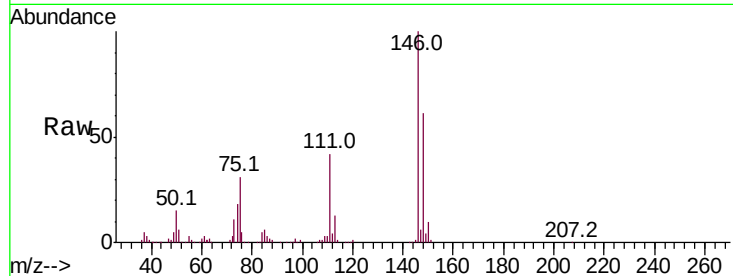
#91
 1,2-Dichlorobenzene
 Concen: 22.550 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. -0.00 min
 Lab File: VY000421.D
 Acq: 25 Oct 2019 12:08

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1025SBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	110031		
111	40.7	20.5	61.5	
148	61.2	31.6	95.0	

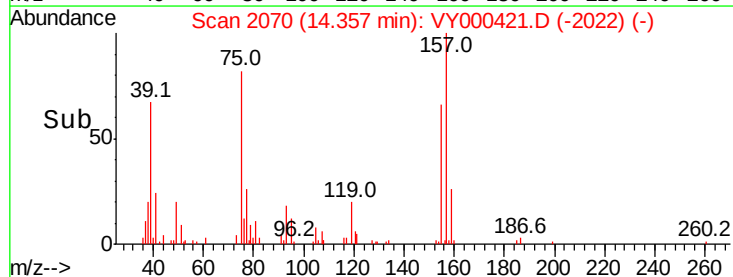
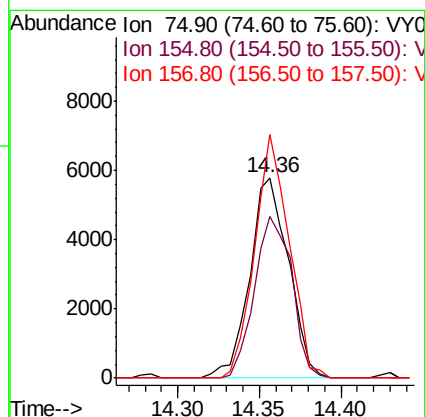
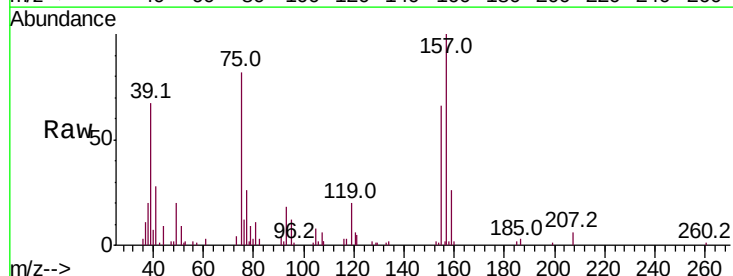
Manual Integrations
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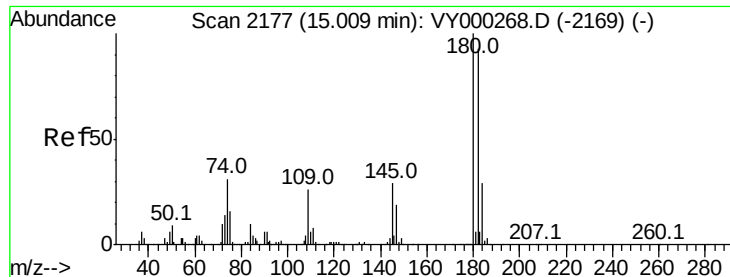
MMDadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.940 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. -0.01 min
 Lab File: VY000421.D
 Acq: 25 Oct 2019 12:08

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	9608		
155	77.4	45.8	137.3	
157	107.8	55.6	166.9	





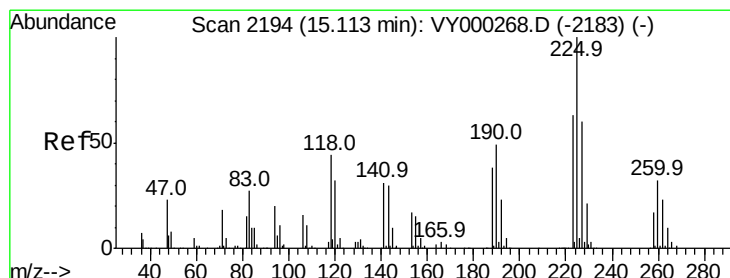
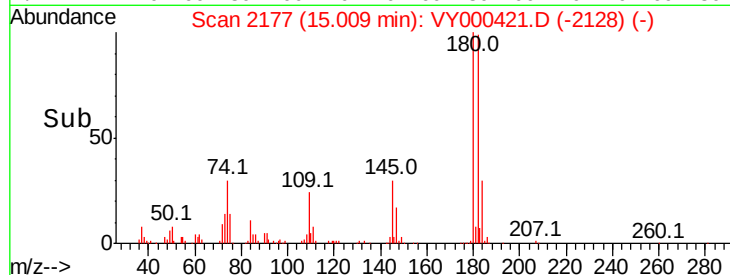
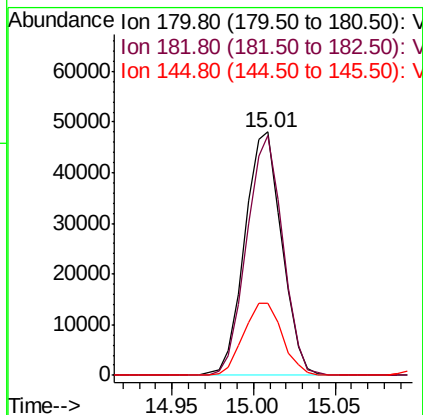
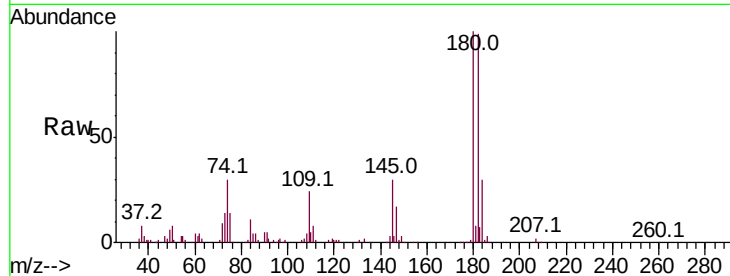
#93
 1,2,4-Trichlorobenzene
 Concen: 22.380 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. -0.00 min
 Lab File: VY000421.D
 Acq: 25 Oct 2019 12:08

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1025SBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.9	47.5	142.6
145	31.0	15.4	46.1

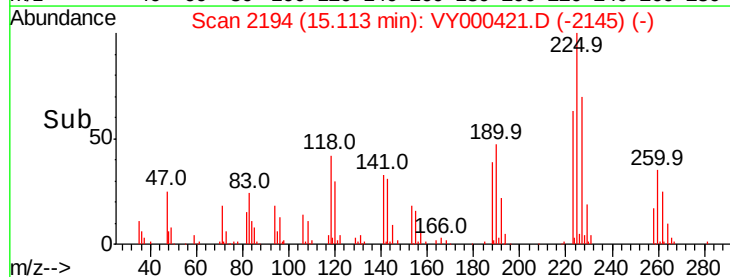
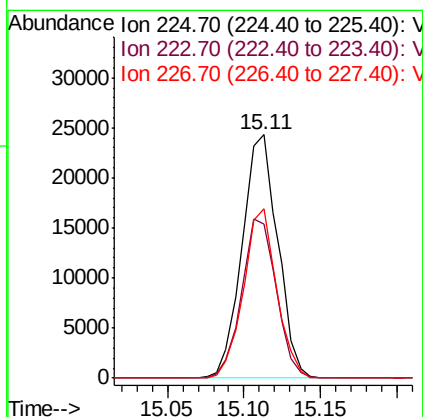
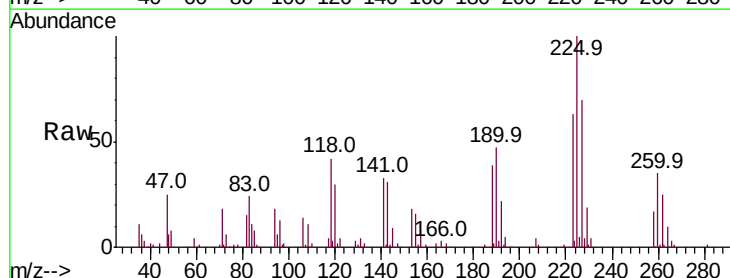
Manual Integrations
 APPROVED

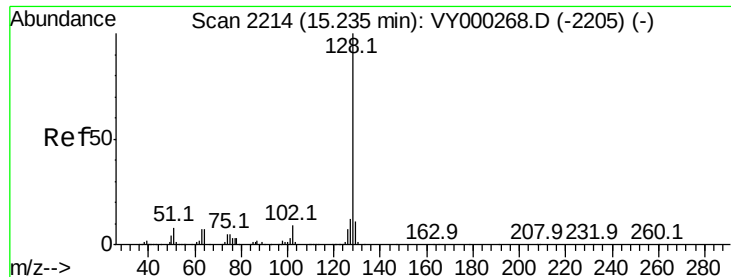
MMDadoda
 10/28/2019 12:38:35 PM



#94
 Hexachlorobutadiene
 Concen: 21.409 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. -0.00 min
 Lab File: VY000421.D
 Acq: 25 Oct 2019 12:08

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.5	31.9	95.7
227	64.6	31.4	94.2





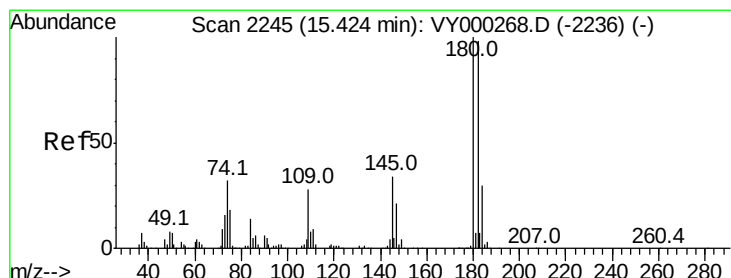
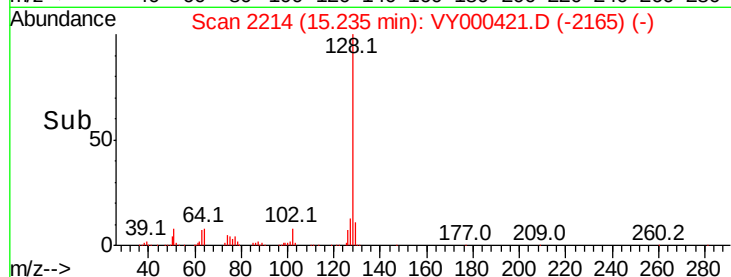
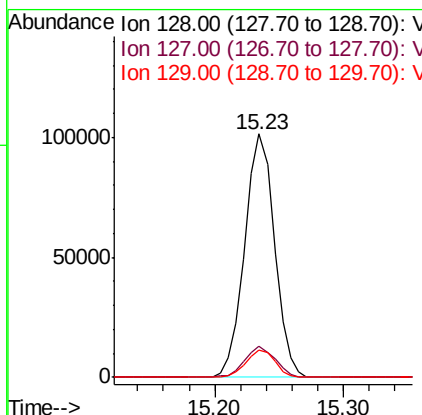
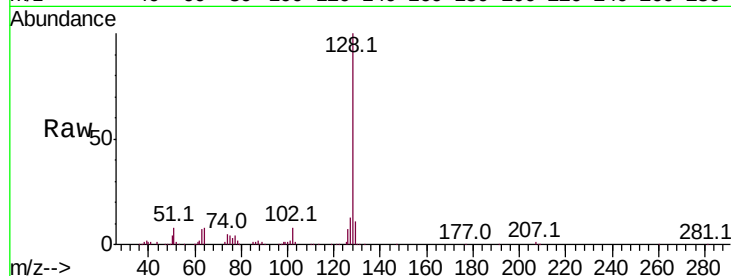
#95
Naphthalene
Concen: 21.306 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VY000421.D
Acq: 25 Oct 2019 12:08

Instrument :
MSVOA_Y
ClientSampleId :
VY1025SBS01

Tot Ion	Ratio	Resp Lower	Upper
128	100		
127	13.0	9.6	14.4
129	11.1	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
10/28/2019 12:38:35 PM



#96
1,2,3-Trichlorobenzene
Concen: 22.305 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. -0.00 min
Lab File: VY000421.D
Acq: 25 Oct 2019 12:08

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	95.4	46.5	139.5
145	33.7	16.2	48.5

