

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY012920\
 Data File : VY001416.D
 Acq On : 29 Jan 2020 12:20
 Operator : SY/MD
 Sample : VY0129SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0129SBS01

Manual Integrations
 APPROVED

MMDadoda
 1/30/2020 10:27:28 AM

Quant Time: Jan 29 15:28:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 01:21:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.83	168	197584	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.72	114	346319	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	308913	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	148665	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.17	65	109720	51.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.06%	
35) Dibromofluoromethane	7.75	113	104017	51.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.34%	
50) Toluene-d8	10.19	98	421865	53.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.84%	
62) 4-Bromofluorobenzene	12.49	95	158111	50.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.92	85	36559	23.463	ug/l	97
3) Chloromethane	2.13	50	52855	22.444	ug/l	96
4) Vinyl Chloride	2.27	62	54438	22.169	ug/l	95
5) Bromomethane	2.66	94	35201	21.285	ug/l	98
6) Chloroethane	2.82	64	35128	22.388	ug/l	99
7) Trichlorofluoromethane	3.15	101	72660	23.127	ug/l	98
8) Diethyl Ether	3.56	74	28433	21.438	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.94	101	46484	23.233	ug/l	99
10) Methyl Iodide	4.13	142	56130	21.270	ug/l	99
11) Tert butyl alcohol	5.00	59	32734	110.267	ug/l	97
12) 1,1-Dichloroethene	3.91	96	47405	22.597	ug/l	97
13) Acrolein	3.76	56	19607	116.035	ug/l	98
14) Allyl chloride	4.52	41	83555	22.334	ug/l	99
15) Acrylonitrile	5.22	53	75369	111.018	ug/l	100
16) Acetone	3.99	43	65425	111.311	ug/l	95
17) Carbon Disulfide	4.23	76	147042	22.287	ug/l	99
18) Methyl Acetate	4.52	43	39285	21.667	ug/l	99
19) Methyl tert-butyl Ether	5.27	73	131377	21.388	ug/l	95
20) Methylene Chloride	4.76	84	67850	23.292	ug/l	98
21) trans-1,2-Dichloroethene	5.27	96	53215	21.838	ug/l	99
22) Diisopropyl ether	6.16	45	169984	21.397	ug/l	95
23) Vinyl Acetate	6.11	43	560335	108.646	ug/l	100
24) 1,1-Dichloroethane	6.07	63	91512	21.854	ug/l	97
25) 2-Butanone	7.03	43	101783	108.766	ug/l	98
26) 2,2-Dichloropropane	7.03	77	81423	21.830	ug/l	99
27) cis-1,2-Dichloroethene	7.03	96	59274	21.765	ug/l	100
28) Bromochloromethane	7.38	49	32071	18.572	ug/l	98
29) Tetrahydrofuran	7.39	42	67223	110.416	ug/l	99
30) Chloroform	7.55	83	87446	21.306	ug/l	99
31) Cyclohexane	7.82	56	95227	22.905	ug/l	99
32) 1,1,1-Trichloroethane	7.74	97	77337	22.316	ug/l	99
36) 1,1-Dichloropropene	7.96	75	74740	22.843	ug/l	99
37) Ethyl Acetate	7.11	43	45030	22.526	ug/l	99
38) Carbon Tetrachloride	7.94	117	66877	22.935	ug/l	98

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 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 01:21:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.21	83	98295	23.452	ug/l	100
40) Benzene	8.19	78	217729	22.194	ug/l	99
41) Methacrylonitrile	7.35	41	17484m	16.949	ug/l	
42) 1,2-Dichloroethane	8.27	62	59904	21.853	ug/l	99
43) Isopropyl Acetate	8.30	43	87091	22.406	ug/l	99
44) Trichloroethene	8.96	130	54944	21.825	ug/l	99
45) 1,2-Dichloropropane	9.24	63	55047	22.196	ug/l	97
46) Dibromomethane	9.33	93	28514	21.417	ug/l	98
47) Bromodichloromethane	9.52	83	69532	21.847	ug/l	99
48) Methyl methacrylate	9.31	41	38557	21.820	ug/l	99
49) 1,4-Dioxane	9.32	88	8244	439.086	ug/l	99
51) 4-Methyl-2-Pentanone	10.09	43	220155	109.980	ug/l	100
52) Toluene	10.26	92	136568	21.960	ug/l	99
53) t-1,3-Dichloropropene	10.48	75	77036	21.837	ug/l	98
54) cis-1,3-Dichloropropene	9.94	75	88881	21.951	ug/l	99
55) 1,1,2-Trichloroethane	10.66	97	43144	21.955	ug/l	98
56) Ethyl methacrylate	10.52	69	64635	21.762	ug/l	100
57) 1,3-Dichloropropane	10.80	76	75592	22.082	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.80	63	113663	110.592	ug/l	100
59) 2-Hexanone	10.85	43	158820	113.966	ug/l	99
60) Dibromochloromethane	11.00	129	47556	21.637	ug/l	99
61) 1,2-Dibromoethane	11.10	107	41089	22.118	ug/l	99
64) Tetrachloroethene	10.73	164	43638	22.115	ug/l	98
65) Chlorobenzene	11.53	112	141895	21.792	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.60	131	49279	22.176	ug/l	99
67) Ethyl Benzene	11.61	91	267009	22.251	ug/l	99
68) m/p-Xylenes	11.71	106	200039	44.634	ug/l	100
69) o-Xylene	12.04	106	94763	21.979	ug/l	100
70) Styrene	12.05	104	166449	22.003	ug/l	99
71) Bromoform	12.22	173	27828	20.979	ug/l #	100
73) Isopropylbenzene	12.34	105	257940	21.988	ug/l	98
74) N-amyl acetate	12.16	43	82406	21.460	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.59	83	54310	21.617	ug/l	98
76) 1,2,3-Trichloropropane	12.64	75	37297m	20.820	ug/l	
77) Bromobenzene	12.62	156	56426	21.717	ug/l	98
78) n-propylbenzene	12.68	91	315404	22.338	ug/l	100
79) 2-Chlorotoluene	12.77	91	176995	21.942	ug/l	100
80) 1,3,5-Trimethylbenzene	12.82	105	215405	21.998	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.39	75	20192	21.330	ug/l	98
82) 4-Chlorotoluene	12.86	91	187112	21.716	ug/l	100
83) tert-Butylbenzene	13.08	119	180680	21.890	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	218036	22.179	ug/l	98
85) sec-Butylbenzene	13.27	105	266570	22.731	ug/l	99
86) p-Isopropyltoluene	13.38	119	235566	22.794	ug/l	100
87) 1,3-Dichlorobenzene	13.38	146	111122	22.206	ug/l	100
88) 1,4-Dichlorobenzene	13.45	146	111521	21.949	ug/l	99
89) n-Butylbenzene	13.70	91	239095	22.988	ug/l	99
90) Hexachloroethane	13.97	117	44142	22.534	ug/l	100
91) 1,2-Dichlorobenzene	13.75	146	100286	21.731	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	9880	22.790	ug/l	94

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Quant Title : SW846 8260
QLast Update : Thu Jan 23 01:21:47 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	67979	21.947	ug/l	99
94) Hexachlorobutadiene	15.12	225	34152	22.645	ug/l	99
95) Naphthalene	15.25	128	158945	22.442	ug/l	100
96) 1,2,3-Trichlorobenzene	15.44	180	60538	22.281	ug/l	99

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

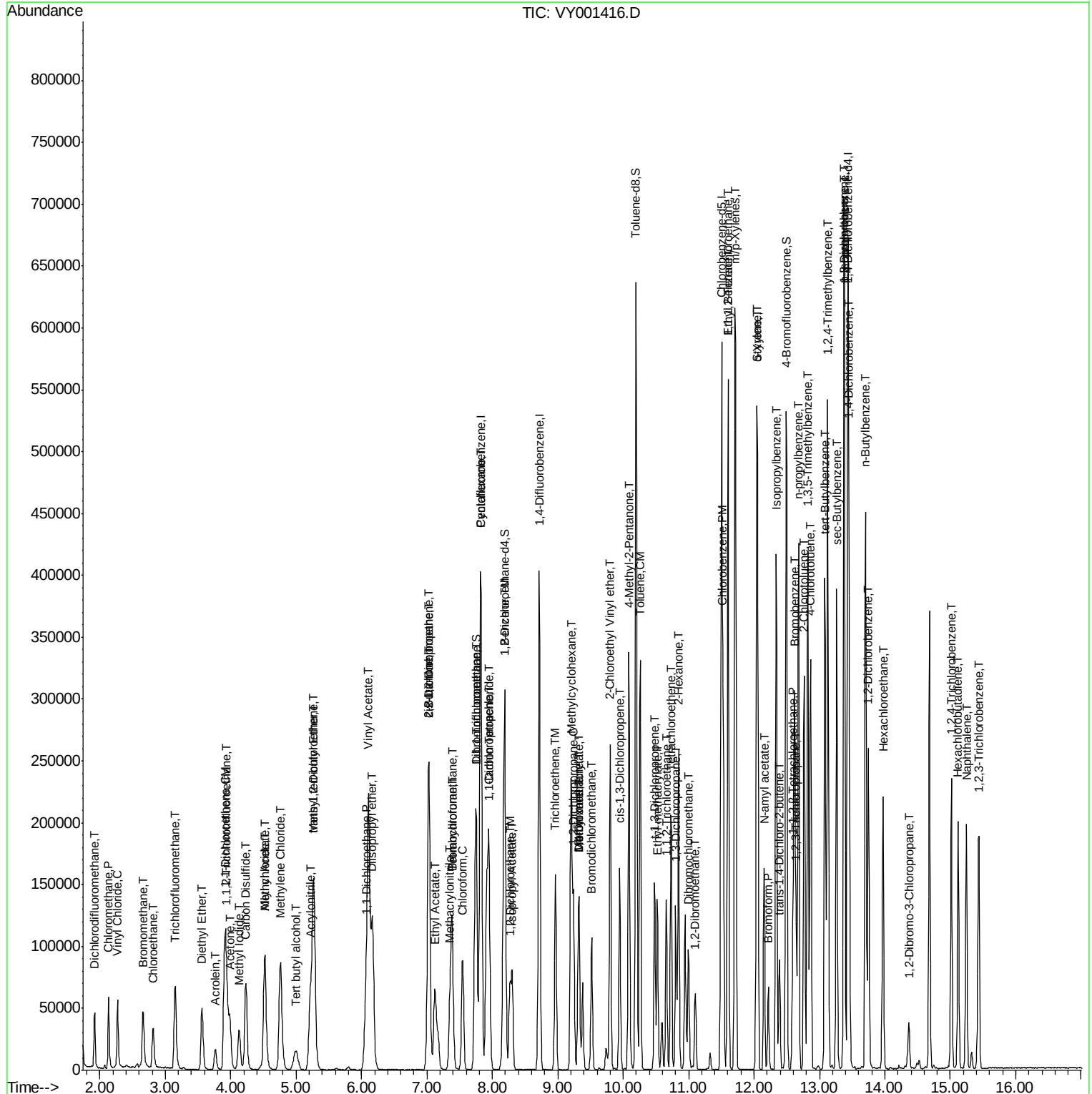
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY012920\
Data File : VY001416.D
Acq On : 29 Jan 2020 12:20
Operator : SY/MD
Sample : VY0129SBSD01
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

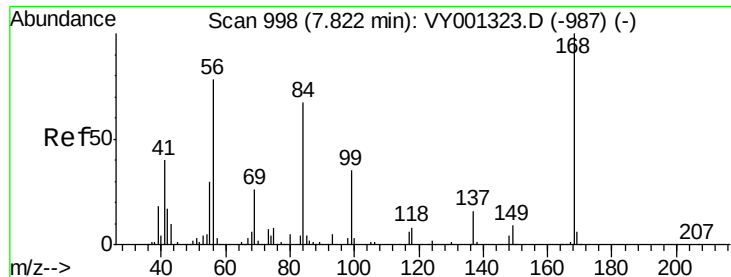
Instrument :
MSVOA_Y
Client Sample Id :
VY0129SBSD01

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.83 min Scan# 999

Delta R.T. 0.01 min

Lab File: VY001416.D

Acq: 29 Jan 2020 12:20

Instrument :

MSVOA_Y

ClientSampleId :

VY0129SBS01

Tot Ion:168 Resp: 197584

Ion Ratio Lower Upper

168 100

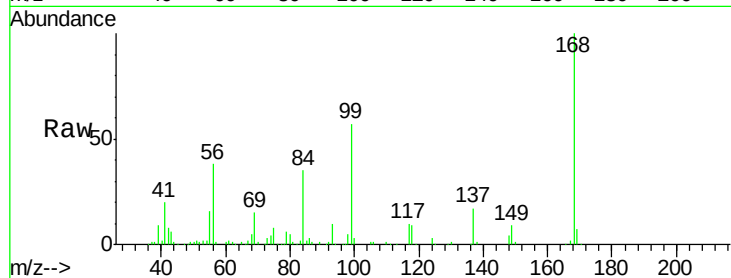
99 56.9 44.3 66.5

Manual Integrations

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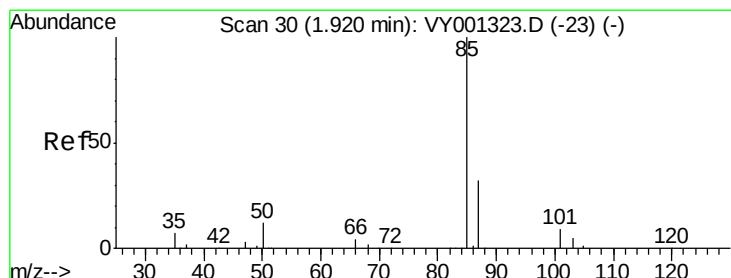
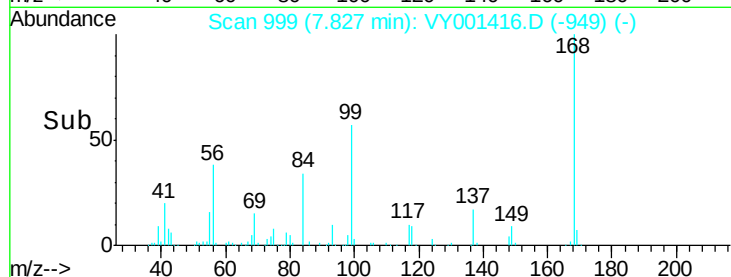


Abundance Ion 167.90 (167.60 to 168.60): VY001323.D (-987) (-)

Ion 98.90 (98.60 to 99.60): VY001323.D (-987) (-)

7.83

Time-->



#2

Dichlorodifluoromethane

Concen: 23.463 ug/l

RT: 1.92 min Scan# 30

Delta R.T. -0.00 min

Lab File: VY001416.D

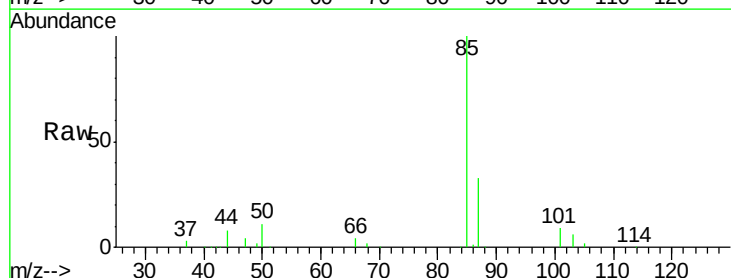
Acq: 29 Jan 2020 12:20

Tgt Ion: 85 Resp: 36559

Ion Ratio Lower Upper

85 100

87 33.4 16.0 48.0

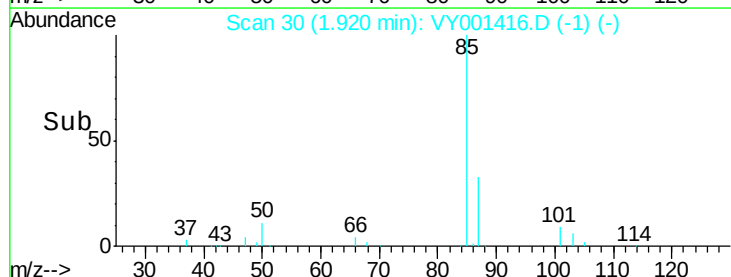


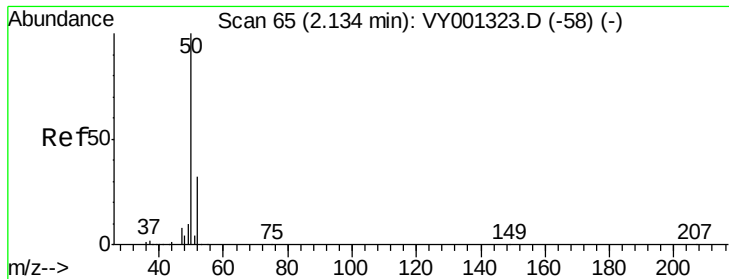
Abundance Ion 84.90 (84.60 to 85.60): VY001323.D (-23) (-)

Ion 86.90 (86.60 to 87.60): VY001323.D (-23) (-)

1.92

Time-->





#3

Chloromethane

Concen: 22.444 ug/l

RT: 2.13 min Scan# 65

Delta R.T. -0.00 min

Lab File: VY001416.D

Acq: 29 Jan 2020 12:20

Instrument :

MSVOA_Y

ClientSampleId :

VY0129SBS01

Tot Ion: 50 Resp: 52855

Ion Ratio Lower Upper

50 100

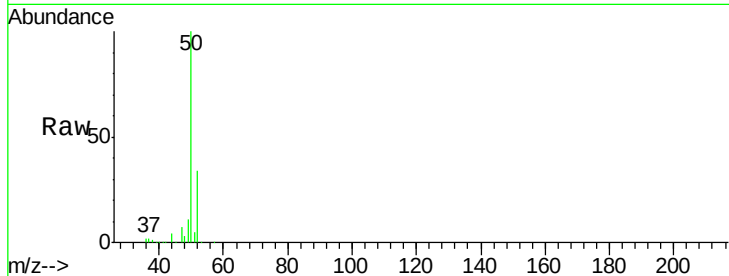
52 34.3 25.7 38.5

Manual Integrations

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Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0

2.13

40000

30000

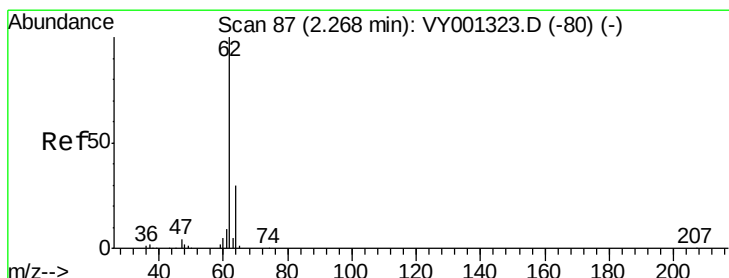
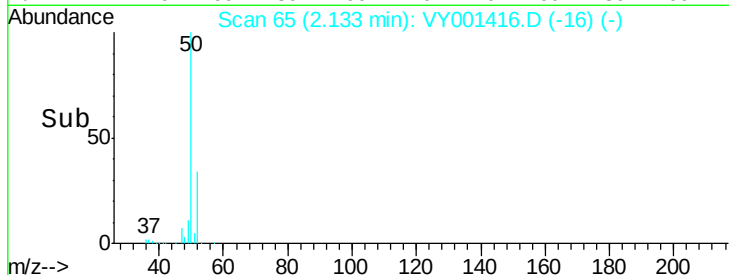
20000

10000

0

Time-->

2.05 2.10 2.15 2.20 2.25



#4

Vinyl Chloride

Concen: 22.169 ug/l

RT: 2.27 min Scan# 87

Delta R.T. -0.00 min

Lab File: VY001416.D

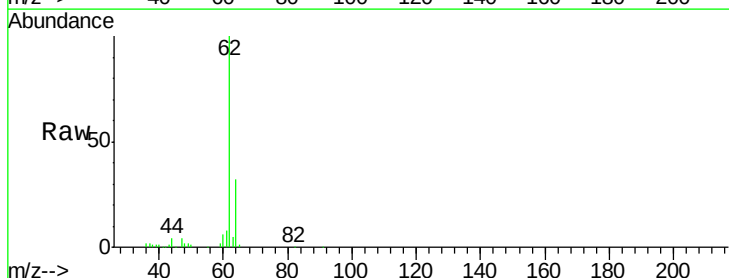
Acq: 29 Jan 2020 12:20

Tgt Ion: 62 Resp: 54438

Ion Ratio Lower Upper

62 100

64 32.4 23.9 35.9



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0

2.27

30000

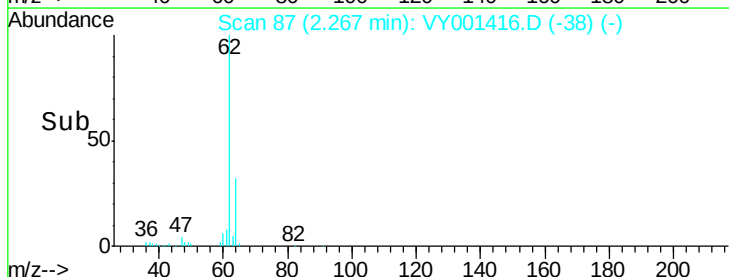
20000

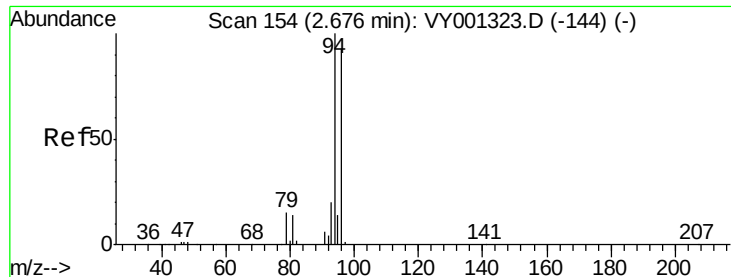
10000

0

Time-->

2.20 2.30 2.40





#5

Bromomethane

Concen: 21.285 ug/l

RT: 2.66 min Scan# 152

Delta R.T. -0.01 min

Lab File: VY001416.D

Acq: 29 Jan 2020 12:20

Instrument :

MSVOA_Y

ClientSampleId :

VY0129SBS01

Tot Ion: 94 Resp: 35201

Ion Ratio Lower Upper

94 100

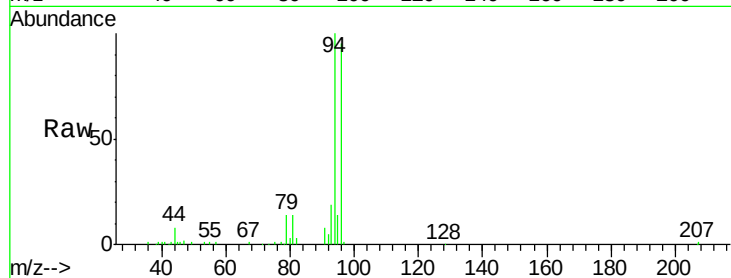
96 95.1 74.6 111.8

Manual Integrations

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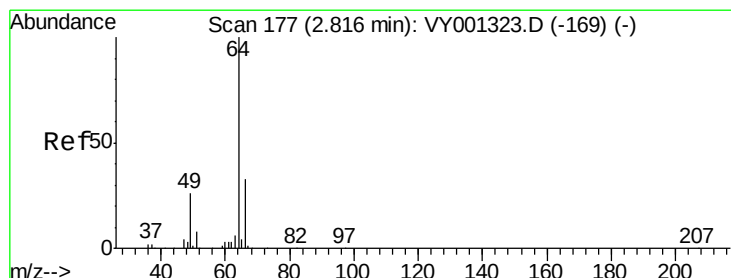
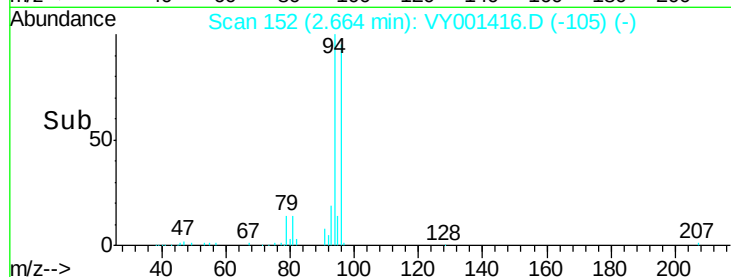
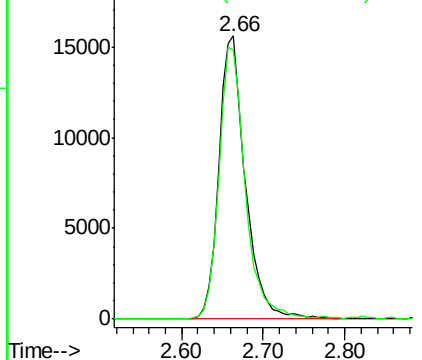
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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 22.388 ug/l

RT: 2.82 min Scan# 177

Delta R.T. -0.00 min

Lab File: VY001416.D

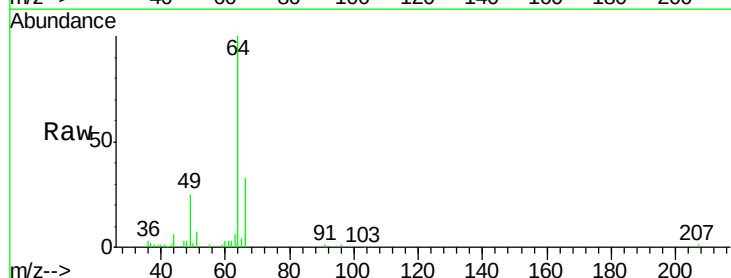
Acq: 29 Jan 2020 12:20

Tgt Ion: 64 Resp: 35128

Ion Ratio Lower Upper

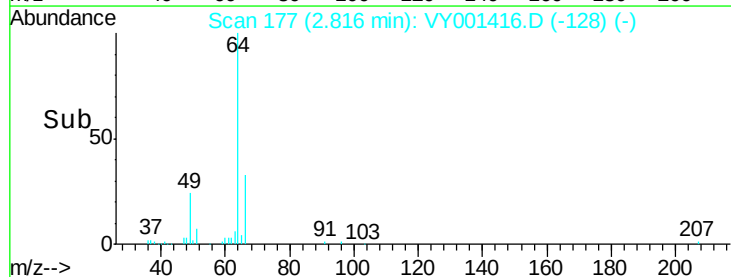
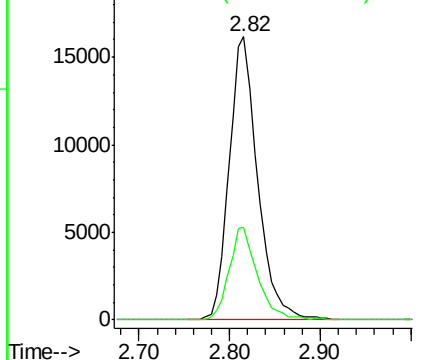
64 100

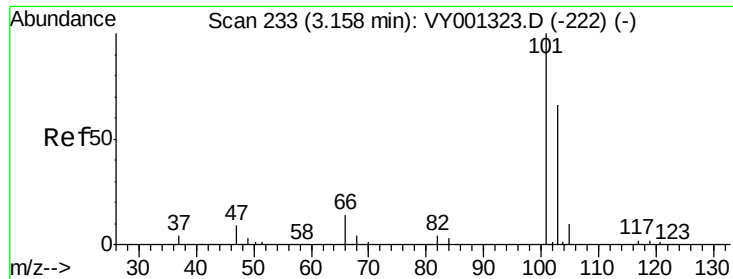
66 32.9 26.8 40.2



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

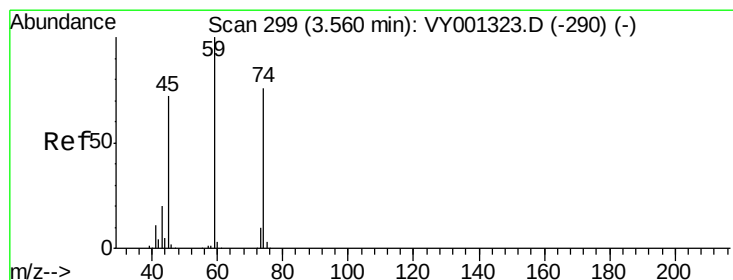
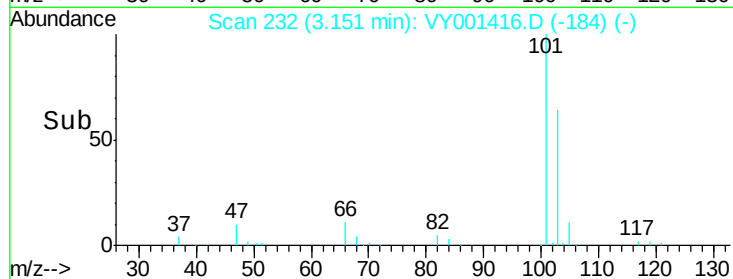
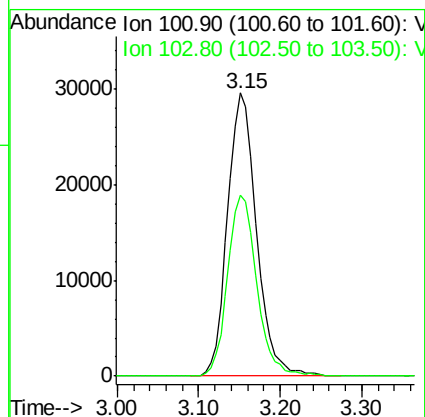
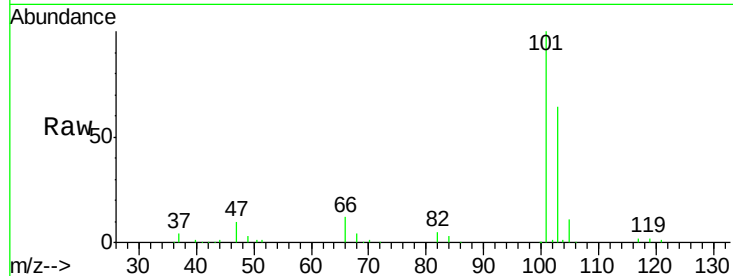
Trichlorofluoromethane
Concen: 23.127 ug/l
RT: 3.15 min Scan# 232
Delta R.T. -0.01 min
Lab File: VY001416.D
Acq: 29 Jan 2020 12:20

Instrument :
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ClientSampleId :
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Tot Ion:101 Resp: 72660
Ion Ratio Lower Upper
101 100
103 63.9 52.5 78.7

Manual Integrations
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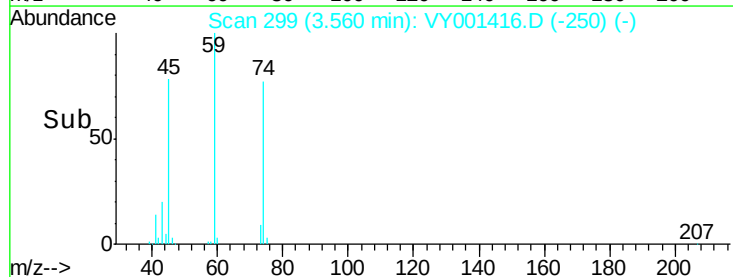
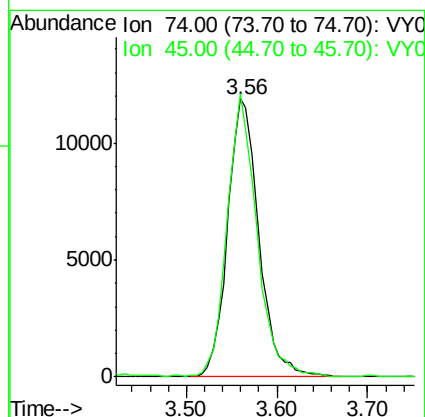
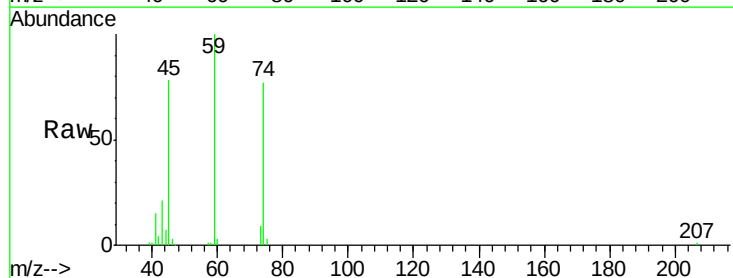
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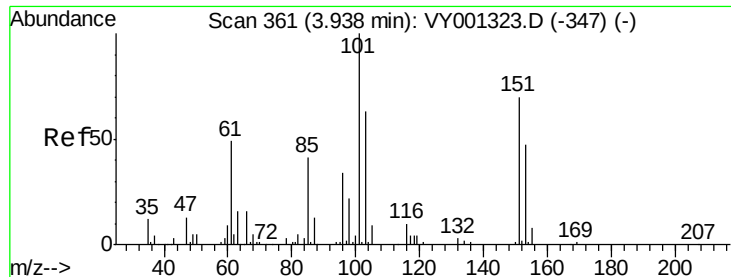


#8

Diethyl Ether
Concen: 21.438 ug/l
RT: 3.56 min Scan# 299
Delta R.T. -0.00 min
Lab File: VY001416.D
Acq: 29 Jan 2020 12:20

Tgt Ion: 74 Resp: 28433
Ion Ratio Lower Upper
74 100
45 97.4 47.2 141.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 23.233 ug/l

RT: 3.94 min Scan# 361

Delta R.T. -0.00 min

Lab File: VY001416.D

Acq: 29 Jan 2020 12:20

Instrument :

MSVOA_Y

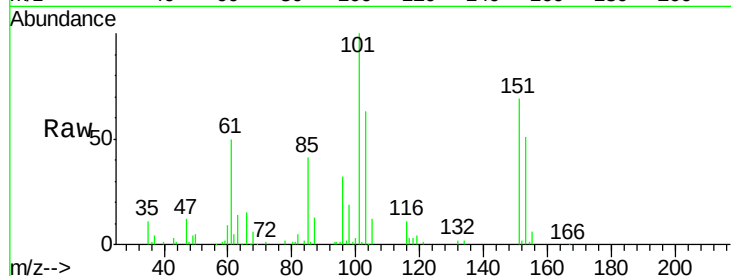
ClientSampleId :

VY0129SBS01

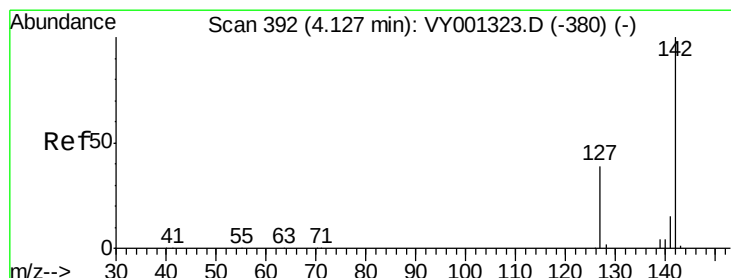
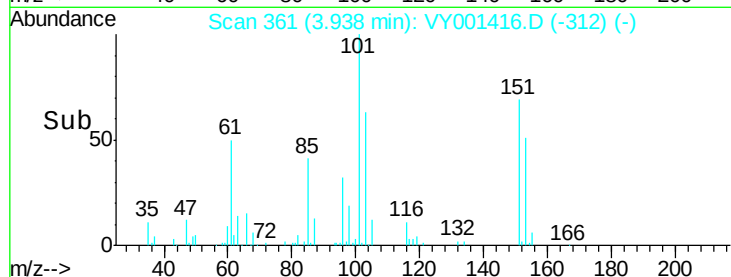
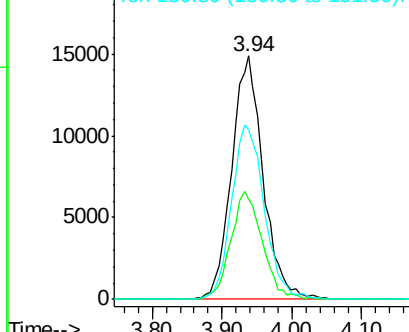
Tot Ion:	101	Resp:	46484
Ion Ratio	Lower	Upper	
101	100		
85	44.3	34.9	52.3
151	74.4	59.9	89.9

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Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): VY0
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 21.270 ug/l

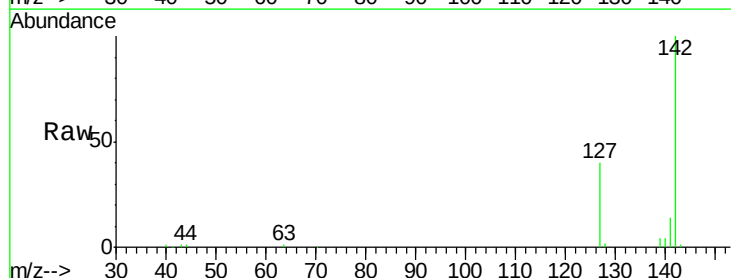
RT: 4.13 min Scan# 392

Delta R.T. -0.00 min

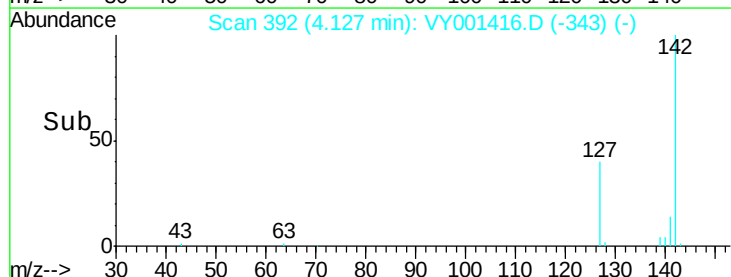
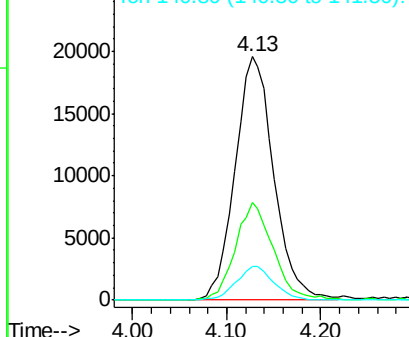
Lab File: VY001416.D

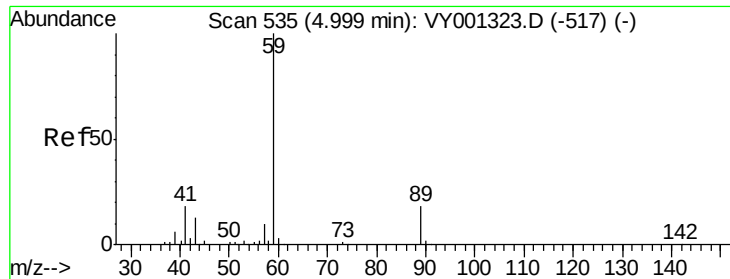
Acq: 29 Jan 2020 12:20

Tgt Ion:	142	Resp:	56130
Ion Ratio	Lower	Upper	
142	100		
127	39.2	31.6	47.4
141	13.5	11.2	16.8



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





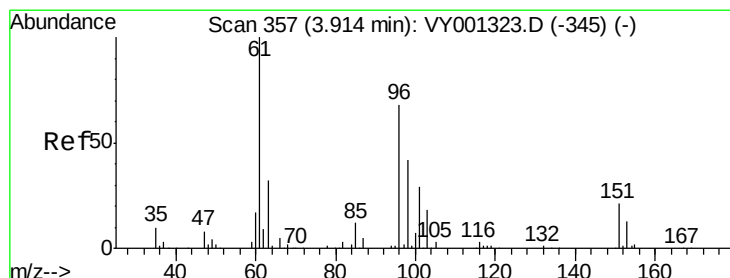
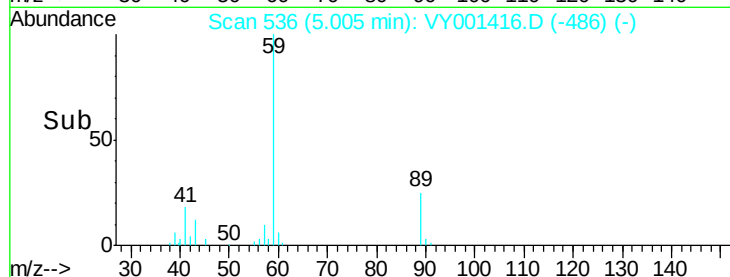
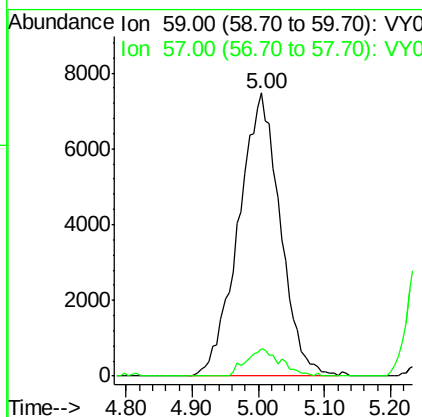
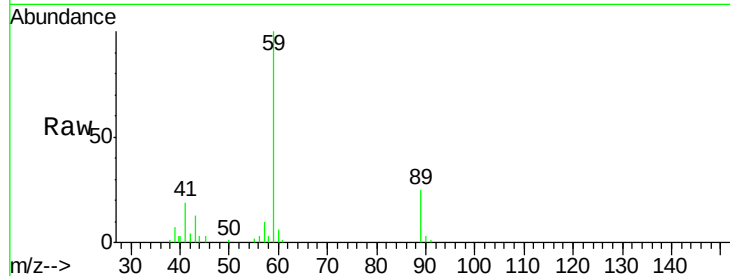
#11
Tert butyl alcohol
Concen: 110.267 ug/l
RT: 5.00 min Scan# 536
Delta R.T. 0.01 min
Lab File: VY001416.D
Acq: 29 Jan 2020 12:20

Instrument :
MSVOA_Y
ClientSampleId :
VY0129SBS01

Tot Ion: 59 Resp: 32734
Ion Ratio Lower Upper
59 100
57 8.0 7.4 11.2

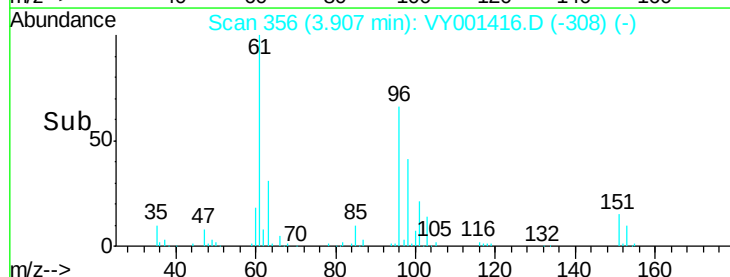
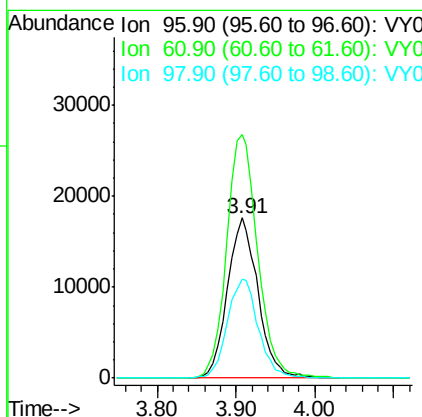
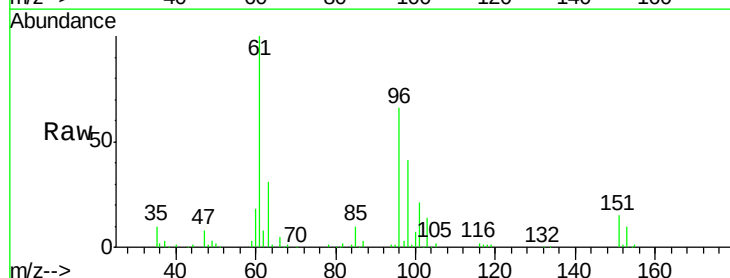
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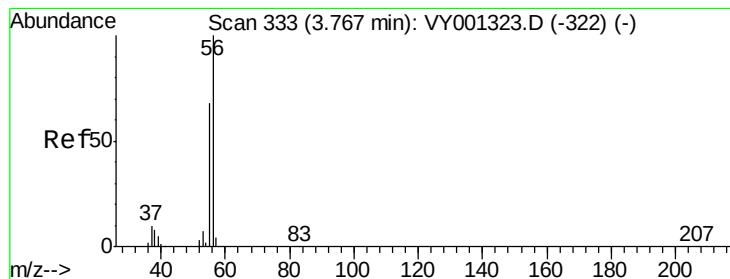
MMDadoda
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#12
1,1-Dichloroethene
Concen: 22.597 ug/l
RT: 3.91 min Scan# 356
Delta R.T. -0.01 min
Lab File: VY001416.D
Acq: 29 Jan 2020 12:20

Tgt Ion: 96 Resp: 47405
Ion Ratio Lower Upper
96 100
61 152.1 118.0 177.0
98 62.1 49.4 74.2





#13

Acrolein

Concen: 116.035 ug/l

RT: 3.76 min Scan# 332

Delta R.T. -0.01 min

Lab File: VY001416.D

Acq: 29 Jan 2020 12:20

Instrument :

MSVOA_Y

ClientSampleId :

VY0129SBS01

Tot Ion: 56 Resp: 19607

Ion Ratio Lower Upper

56 100

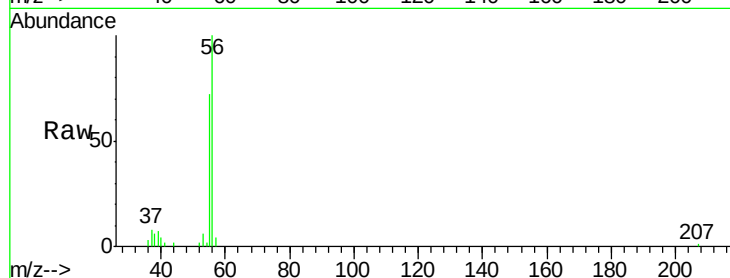
55 71.5 55.9 83.9

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Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

8000

6000

4000

2000

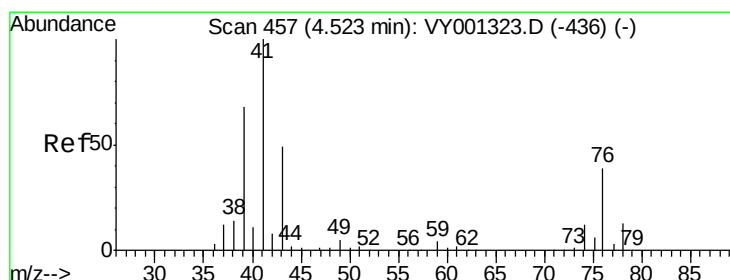
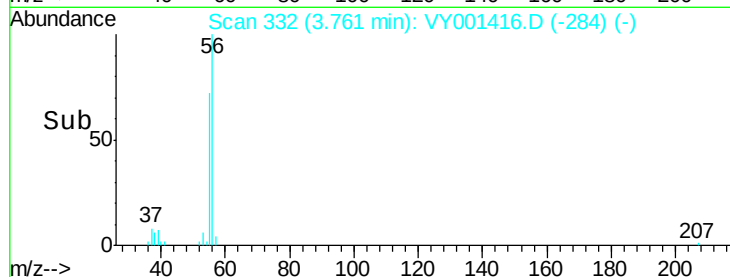
0

3.70

3.80

3.90

Time-->



#14

Allyl chloride

Concen: 22.334 ug/l

RT: 4.52 min Scan# 457

Delta R.T. -0.00 min

Lab File: VY001416.D

Acq: 29 Jan 2020 12:20

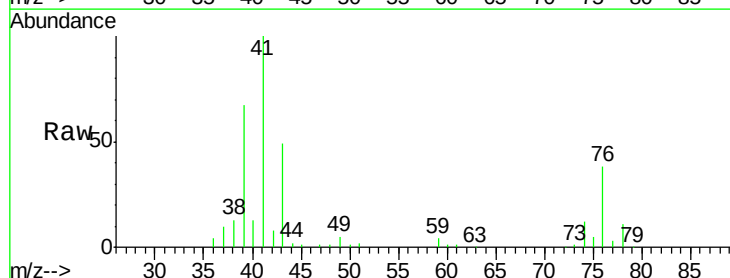
Tgt Ion: 41 Resp: 83555

Ion Ratio Lower Upper

41 100

39 64.3 52.2 78.4

76 36.2 29.1 43.7



Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0

30000

20000

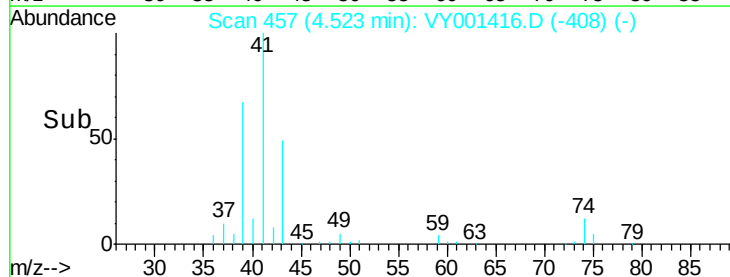
10000

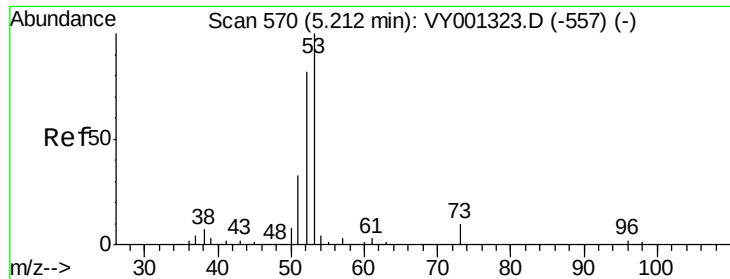
0

4.40

4.60

Time-->





#15

Acrylonitrile

Concen: 111.018 ug/l

RT: 5.22 min Scan# 571

Delta R.T. 0.01 min

Lab File: VY001416.D

Acq: 29 Jan 2020 12:20

Instrument :

MSVOA_Y

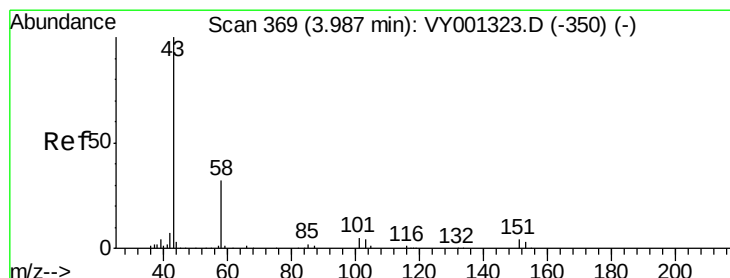
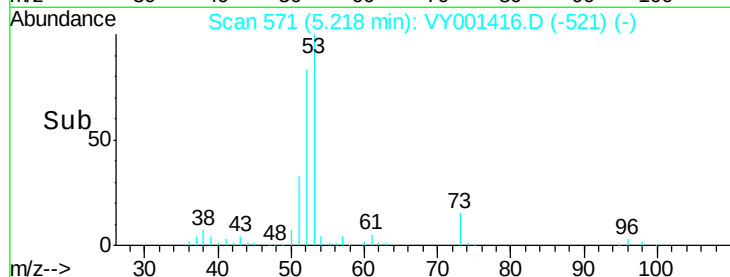
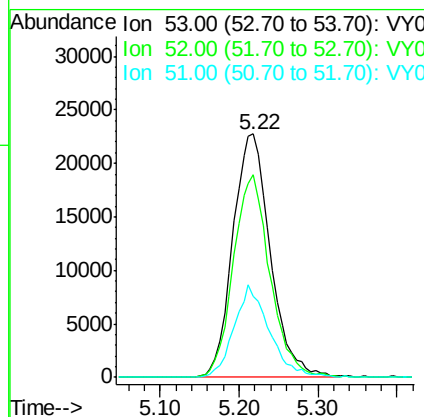
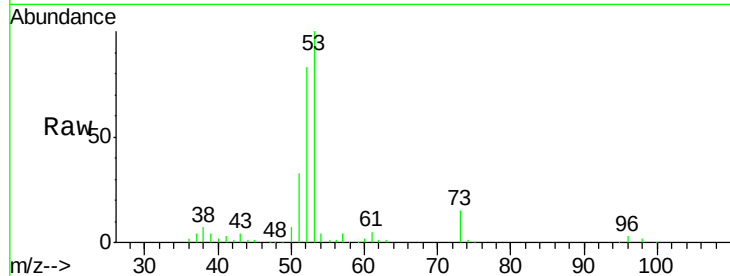
ClientSampleId :

VY0129SBS01

Tot Ion:	53	Resp:	75369
Ion	Ratio	Lower	Upper
53	100		
52	81.4	65.3	97.9
51	35.7	28.4	42.6

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#16

Acetone

Concen: 111.311 ug/l

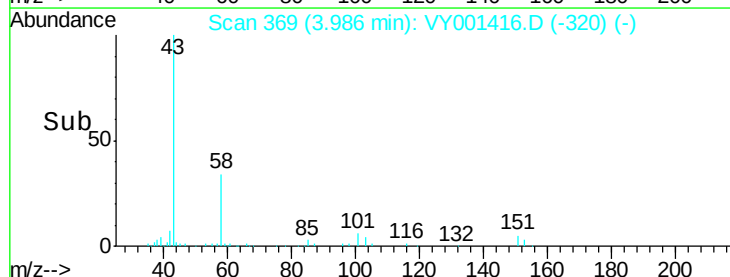
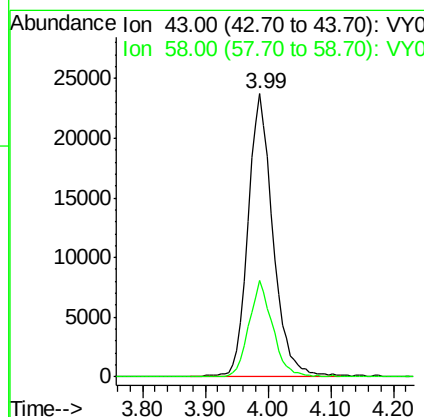
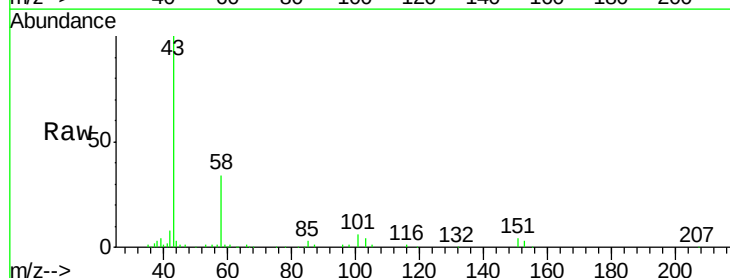
RT: 3.99 min Scan# 369

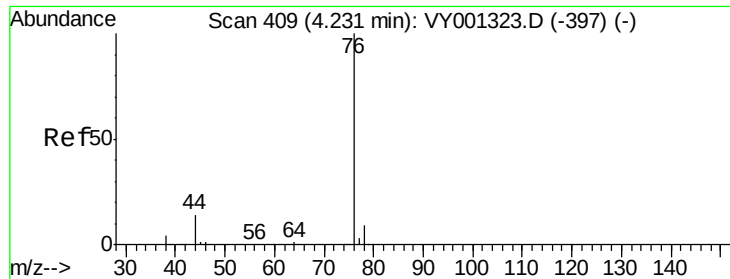
Delta R.T. -0.00 min

Lab File: VY001416.D

Acq: 29 Jan 2020 12:20

Tgt Ion:	43	Resp:	65425
Ion	Ratio	Lower	Upper
43	100		
58	34.3	25.4	38.0





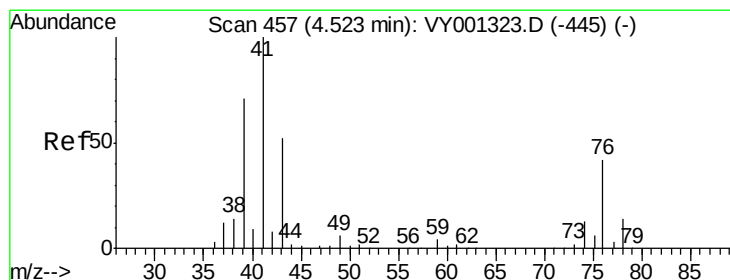
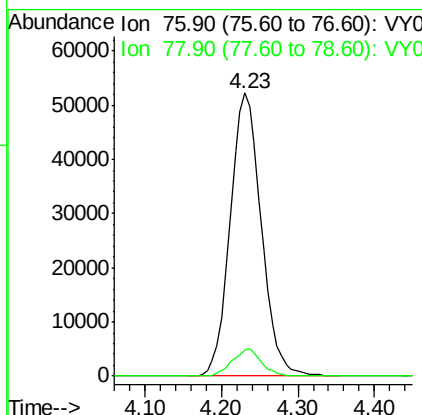
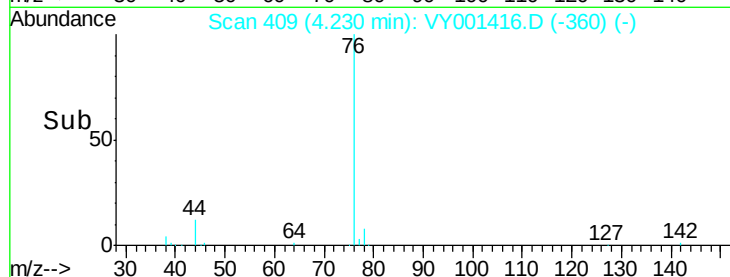
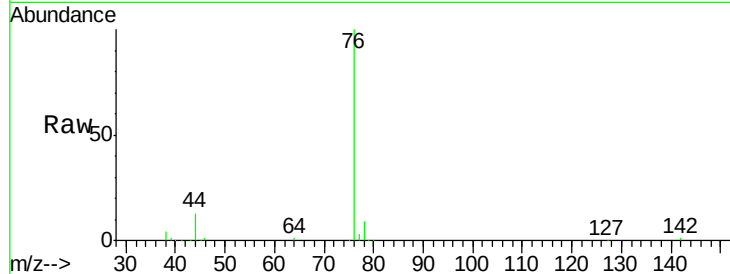
#17
Carbon Disulfide
Concen: 22.287 ug/l
RT: 4.23 min Scan# 409
Delta R.T. -0.00 min
Lab File: VY001416.D
Acq: 29 Jan 2020 12:20

Instrument :
MSVOA_Y
ClientSampleId :
VY0129SBS01

Tot Ion: 76 Resp: 147042
Ion Ratio Lower Upper
76 100
78 9.3 7.0 10.6

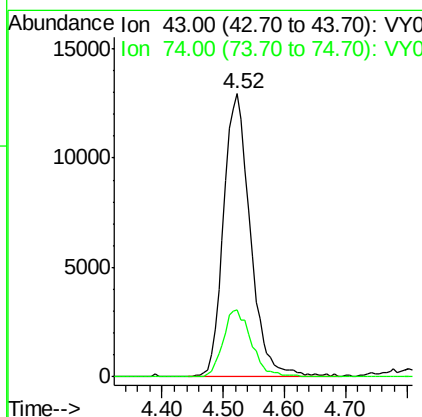
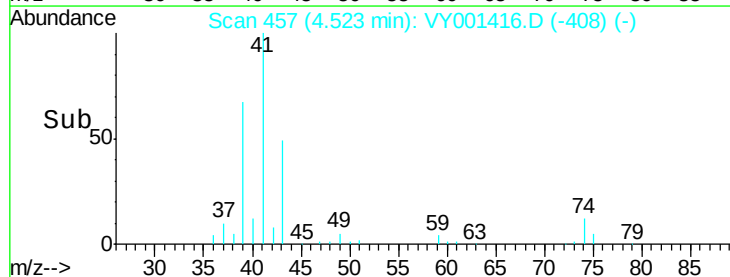
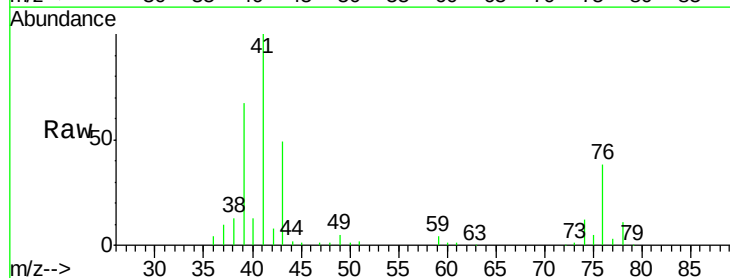
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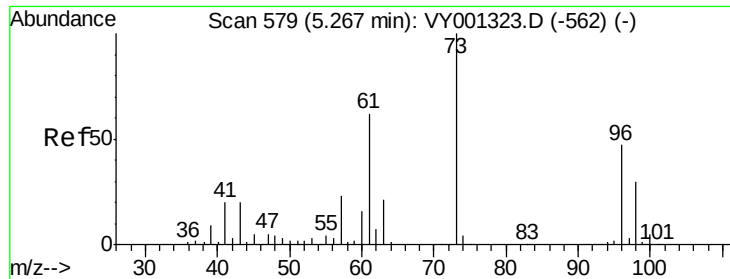
MMDadoda
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#18
Methyl Acetate
Concen: 21.667 ug/l
RT: 4.52 min Scan# 457
Delta R.T. -0.00 min
Lab File: VY001416.D
Acq: 29 Jan 2020 12:20

Tgt Ion: 43 Resp: 39285
Ion Ratio Lower Upper
43 100
74 24.7 19.4 29.2





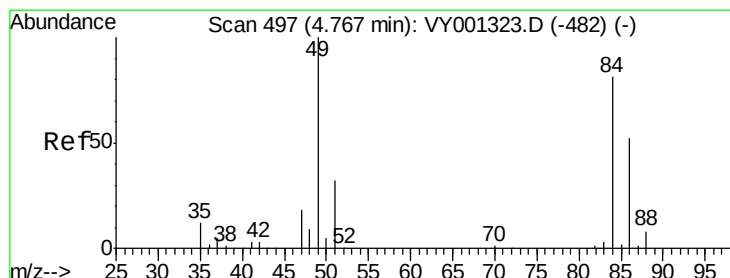
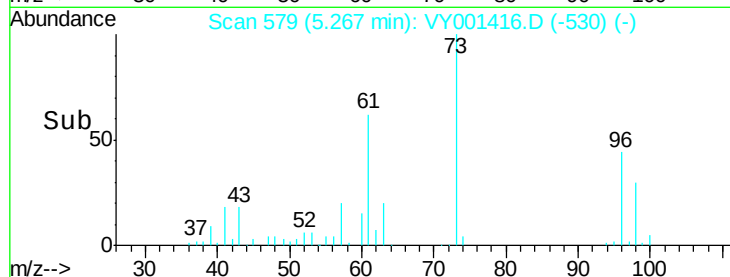
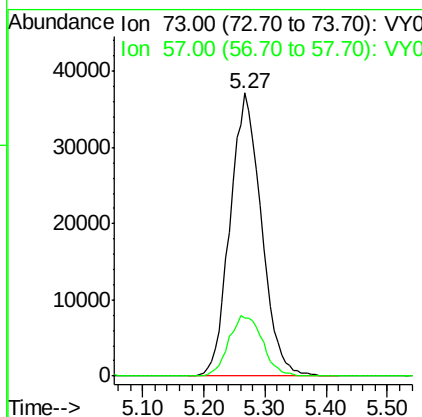
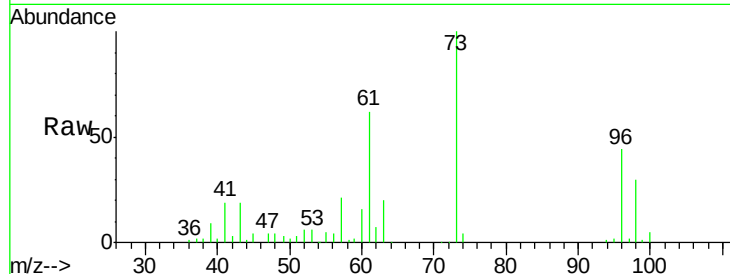
#19
Methyl tert-butyl Ether
Concen: 21.388 ug/l
RT: 5.27 min Scan# 579
Delta R.T. -0.00 min
Lab File: VY001416.D
Acq: 29 Jan 2020 12:20

Instrument :
MSVOA_Y
ClientSampleId :
VY0129SBS01

Tot Ion: 73 Resp: 131377
Ion Ratio Lower Upper
73 100
57 20.5 18.2 27.2

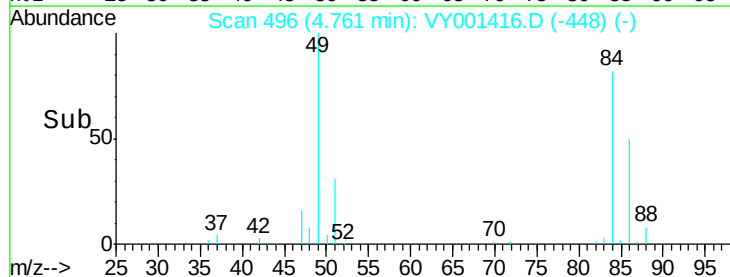
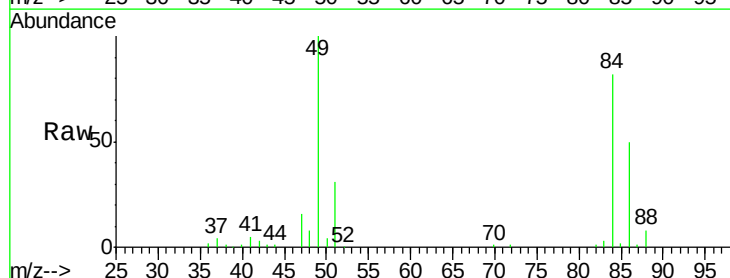
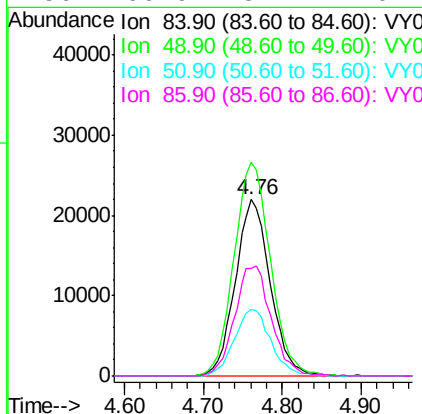
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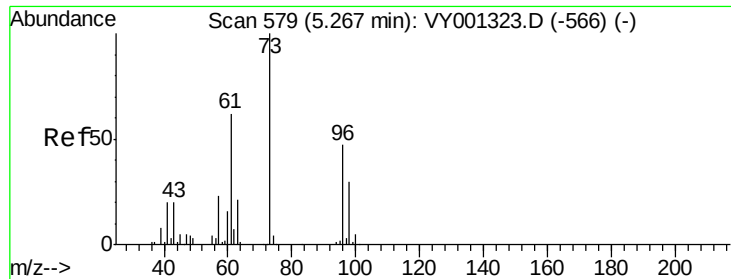
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#20
Methylene Chloride
Concen: 23.292 ug/l
RT: 4.76 min Scan# 496
Delta R.T. -0.01 min
Lab File: VY001416.D
Acq: 29 Jan 2020 12:20

Tgt Ion: 84 Resp: 67850
Ion Ratio Lower Upper
84 100
49 121.3 98.3 147.5
51 37.6 31.6 47.4
86 60.9 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 21.838 ug/l

RT: 5.27 min Scan# 580

Delta R.T. 0.01 min

Lab File: VY001416.D

Acq: 29 Jan 2020 12:20

Instrument :

MSVOA_Y

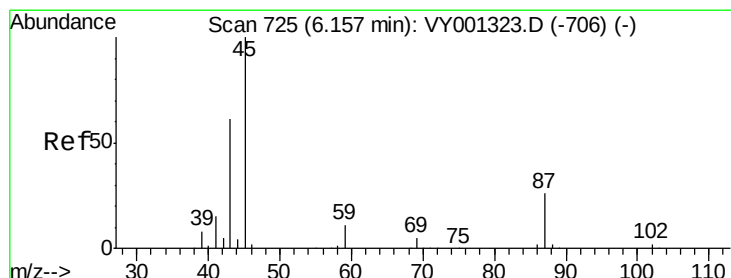
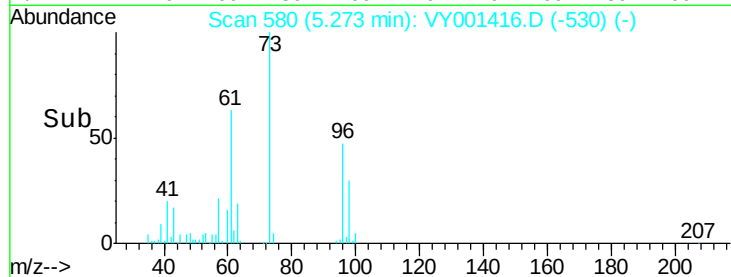
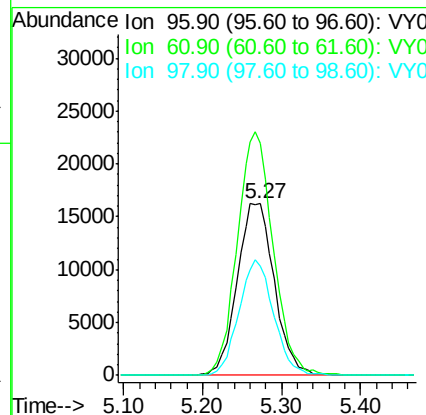
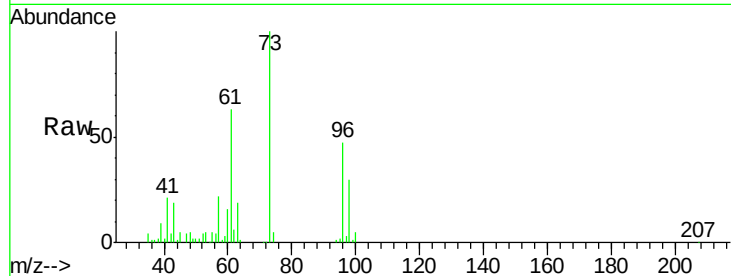
ClientSampleId :

VY0129SBS01

Tot Ion:	96	Resp:	53215
Ion	Ratio	Lower	Upper
96	100		
61	135.3	106.8	160.2
98	64.0	51.0	76.6

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#22

Diisopropyl ether

Concen: 21.397 ug/l

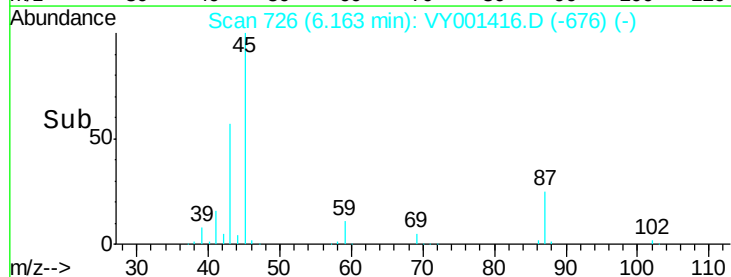
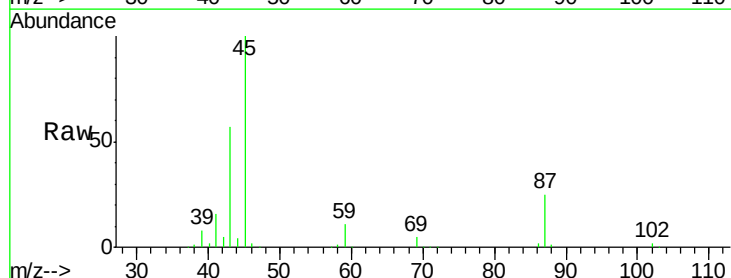
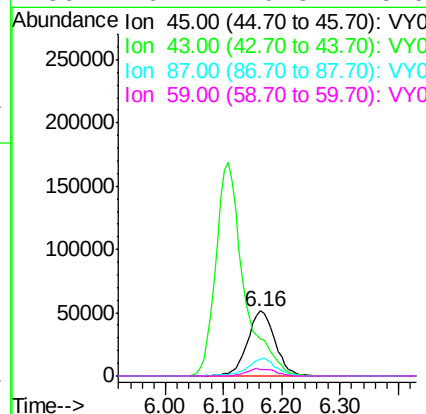
RT: 6.16 min Scan# 726

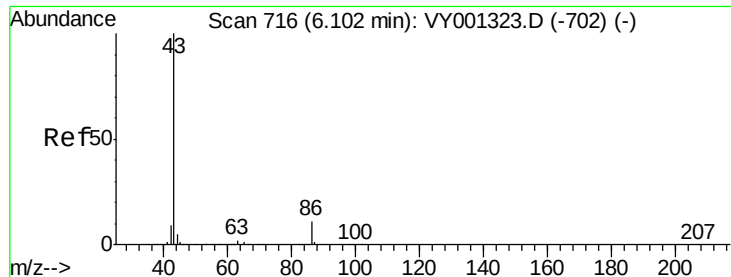
Delta R.T. 0.01 min

Lab File: VY001416.D

Acq: 29 Jan 2020 12:20

Tgt Ion:	45	Resp:	169984
Ion	Ratio	Lower	Upper
45	100		
43	56.5	49.2	73.8
87	25.5	21.4	32.2
59	10.7	9.3	13.9





#23

Vinyl Acetate

Concen: 108.646 ug/l

RT: 6.11 min Scan# 717

Delta R.T. 0.01 min

Lab File: VY001416.D

Acq: 29 Jan 2020 12:20

Instrument :

MSVOA_Y

ClientSampleId :

VY0129SBS01

Tot Ion: 43 Resp: 560335

Ion Ratio Lower Upper

43 100

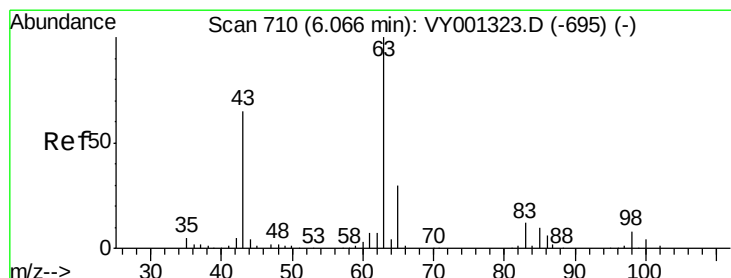
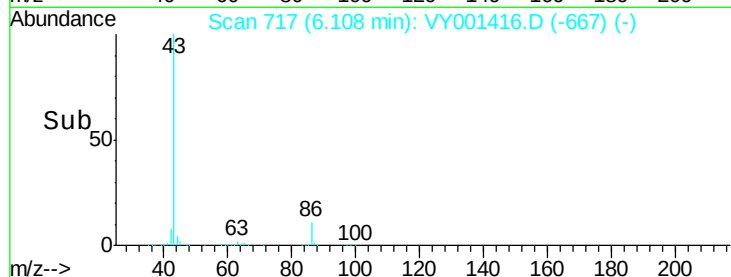
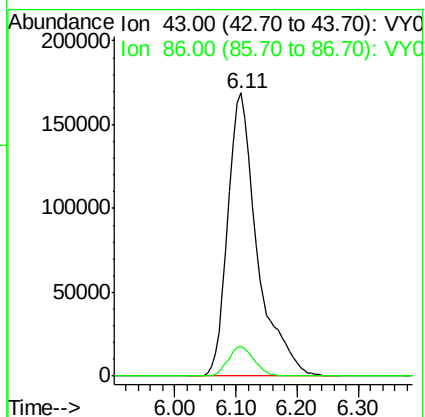
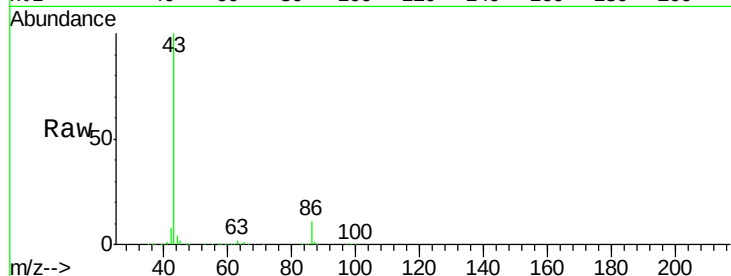
86 10.8 8.6 13.0

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#24

1,1-Dichloroethane

Concen: 21.854 ug/l

RT: 6.07 min Scan# 710

Delta R.T. -0.00 min

Lab File: VY001416.D

Acq: 29 Jan 2020 12:20

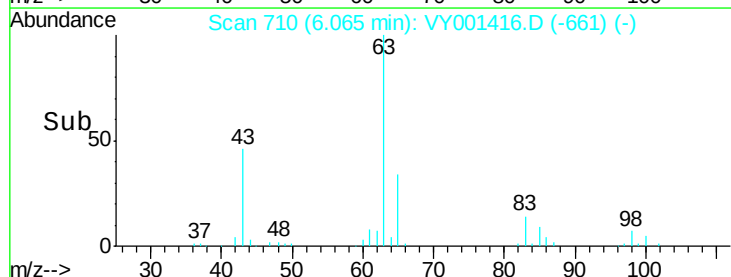
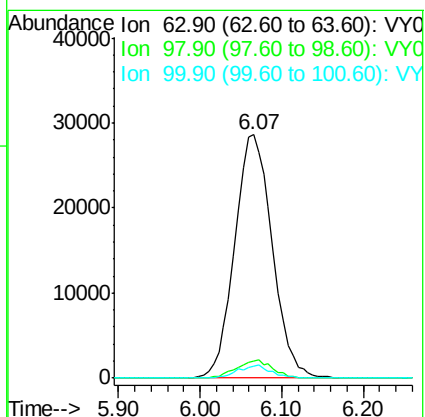
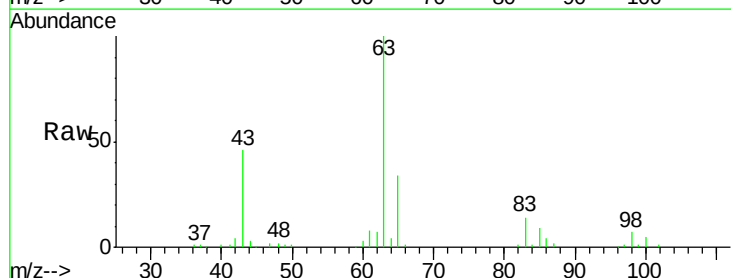
Tgt Ion: 63 Resp: 91512

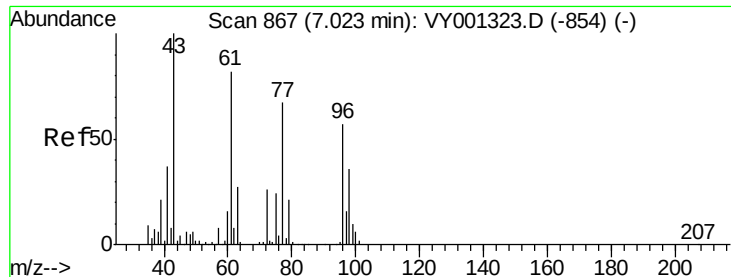
Ion Ratio Lower Upper

63 100

98 7.0 4.0 12.0

100 4.9 2.1 6.3





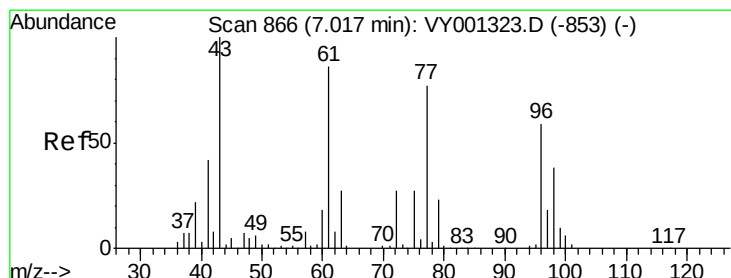
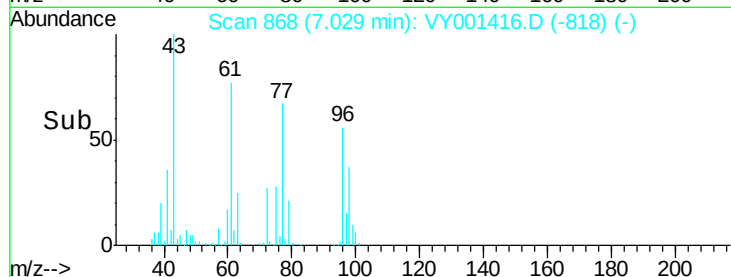
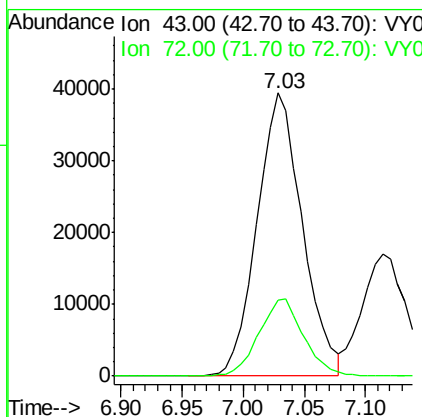
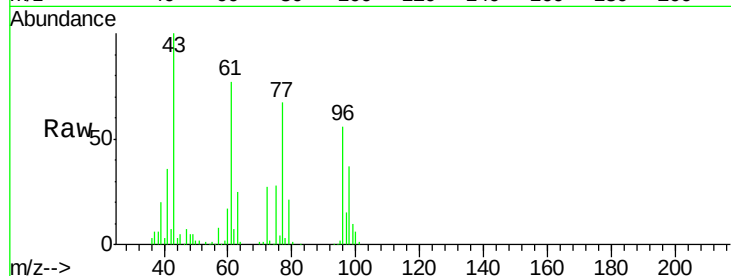
#25
2-Butanone
Concen: 108.766 ug/l
RT: 7.03 min Scan# 868
Delta R.T. 0.01 min
Lab File: VY001416.D
Acq: 29 Jan 2020 12:20

Instrument :
MSVOA_Y
ClientSampleId :
VY0129SBS01

Tot Ion: 43 Resp: 101783
Ion Ratio Lower Upper
43 100
72 26.8 20.6 31.0

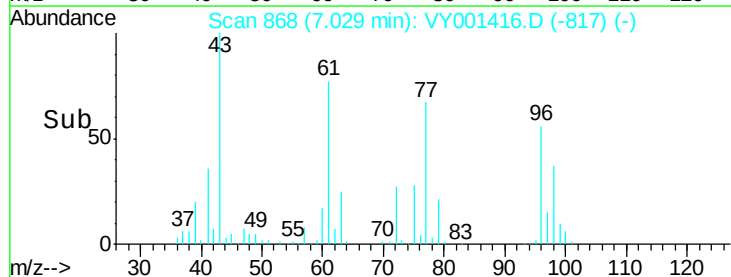
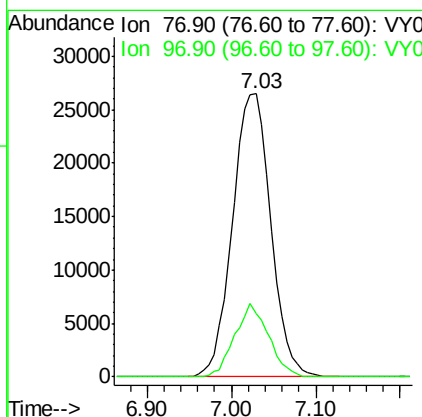
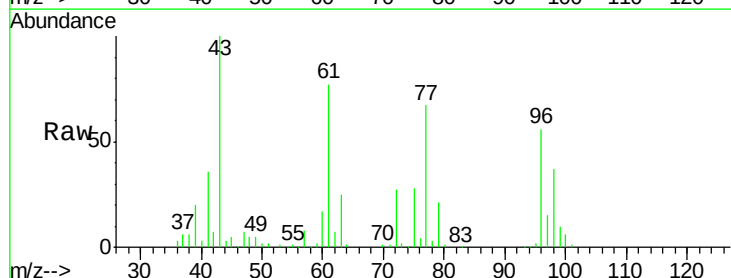
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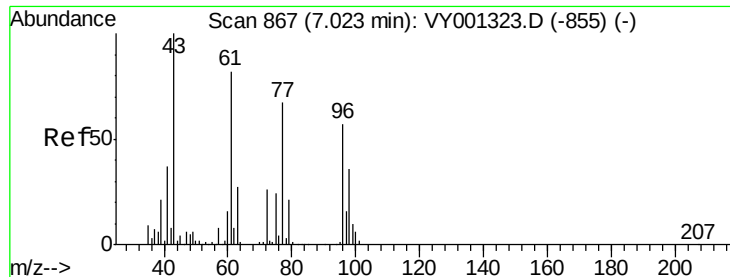
MMDadoda
1/30/2020 10:27:28 AM



#26
2,2-Dichloropropane
Concen: 21.830 ug/l
RT: 7.03 min Scan# 868
Delta R.T. 0.01 min
Lab File: VY001416.D
Acq: 29 Jan 2020 12:20

Tgt Ion: 77 Resp: 81423
Ion Ratio Lower Upper
77 100
97 23.0 11.9 35.5





#27

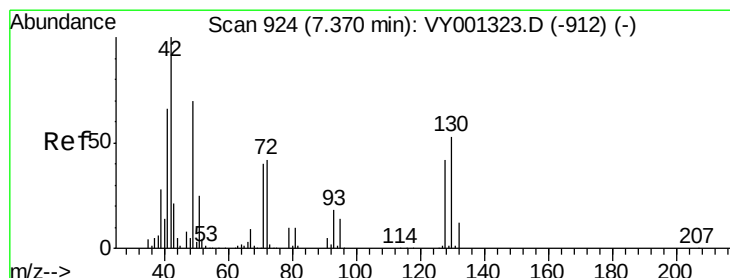
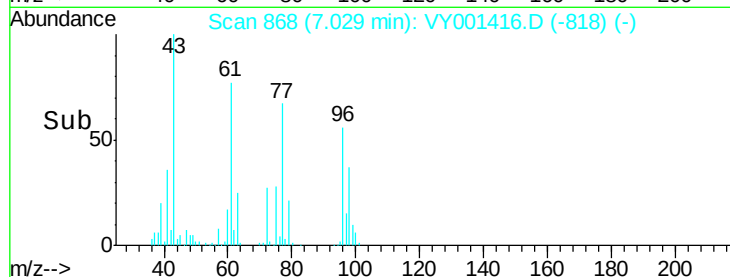
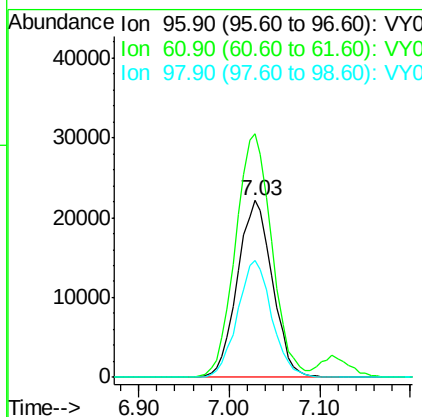
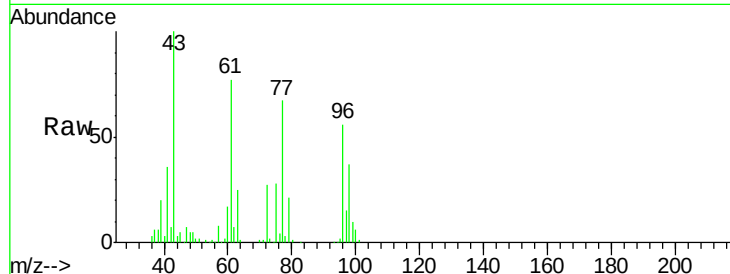
cis-1,2-Dichloroethene
Concen: 21.765 ug/l
RT: 7.03 min Scan# 868
Delta R.T. 0.01 min
Lab File: VY001416.D
Acq: 29 Jan 2020 12:20

Instrument :
MSVOA_Y
ClientSampleId :
VY0129SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	142.9	0.0	284.8
98	64.7	0.0	128.4

Manual Integrations
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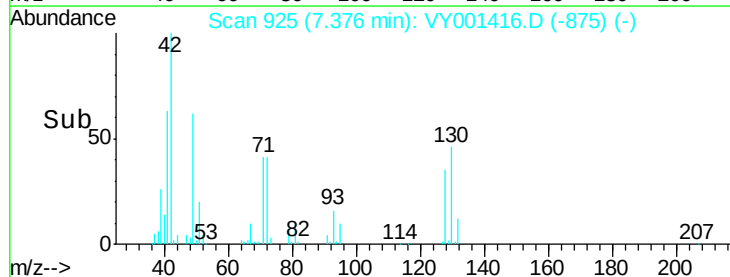
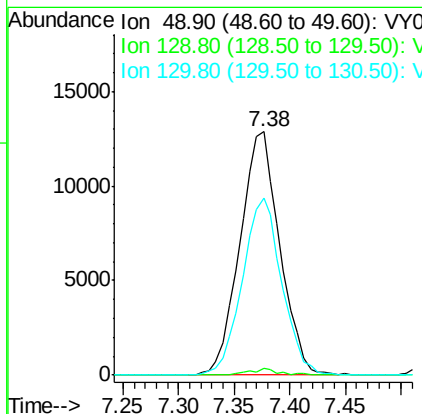
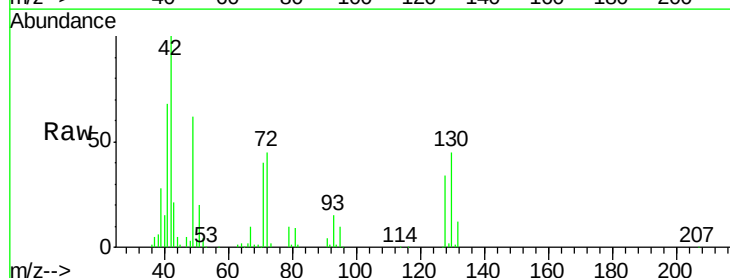
MMDadoda
1/30/2020 10:27:28 AM

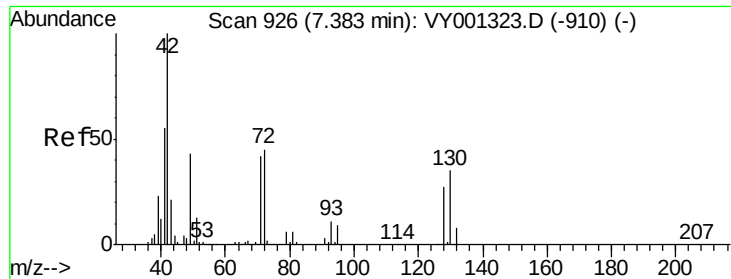


#28

Bromochloromethane
Concen: 18.572 ug/l
RT: 7.38 min Scan# 925
Delta R.T. 0.01 min
Lab File: VY001416.D
Acq: 29 Jan 2020 12:20

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.0
130	71.9	58.9	88.3





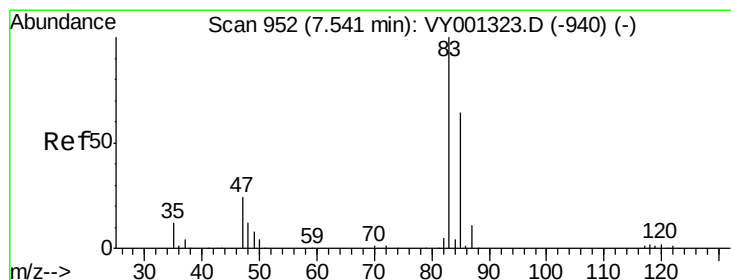
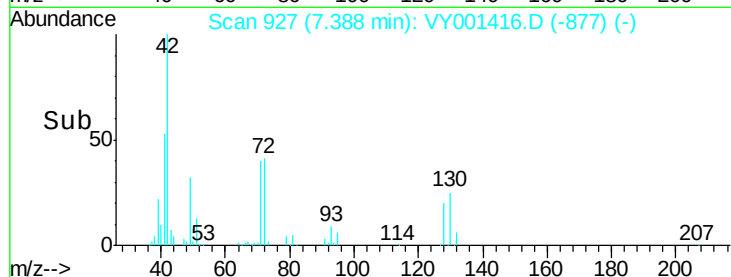
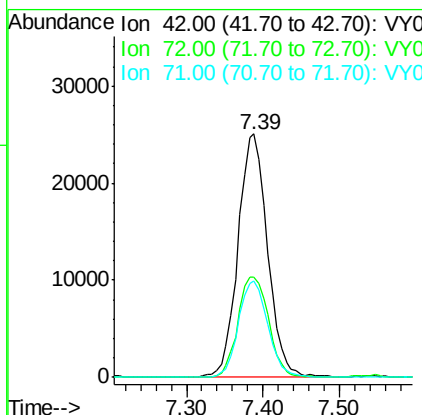
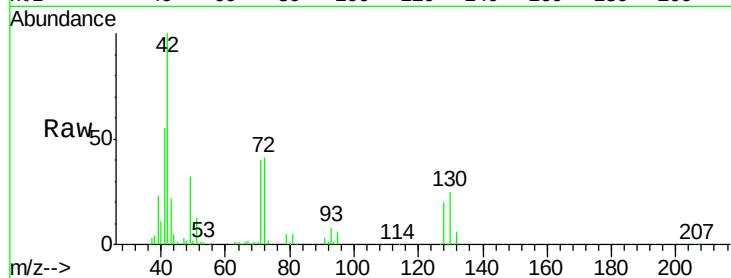
#29
Tetrahydrofuran
Concen: 110.416 ug/l
RT: 7.39 min Scan# 927
Delta R.T. 0.01 min
Lab File: VY001416.D
Acq: 29 Jan 2020 12:20

Instrument :
MSVOA_Y
ClientSampleId :
VY0129SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.7	34.6	51.8
71	39.4	32.6	48.8

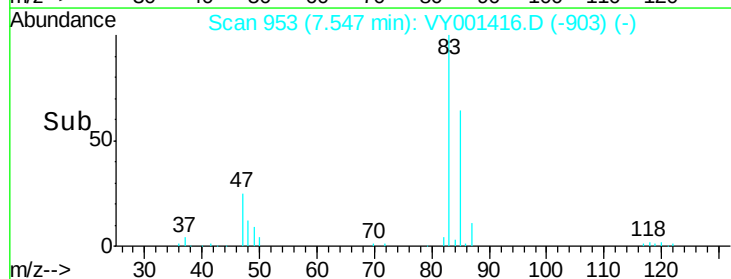
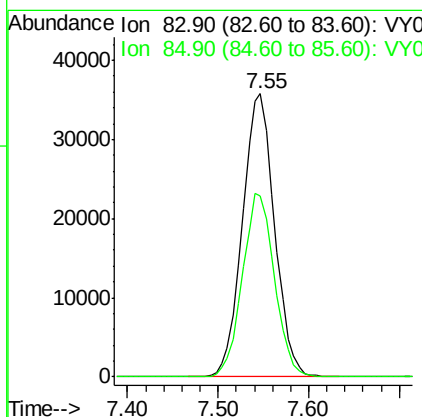
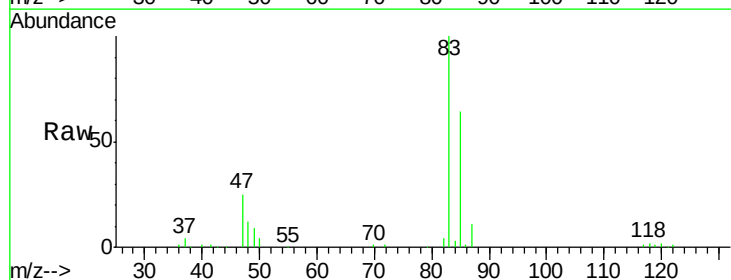
Manual Integrations
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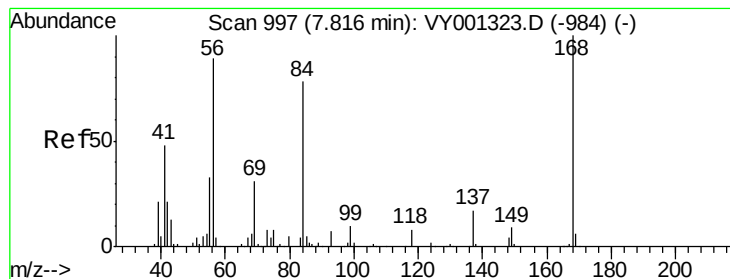
MMDadoda
1/30/2020 10:27:28 AM



#30
Chloroform
Concen: 21.306 ug/l
RT: 7.55 min Scan# 953
Delta R.T. 0.01 min
Lab File: VY001416.D
Acq: 29 Jan 2020 12:20

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.9	51.5	77.3





#31

Cyclohexane

Concen: 22.905 ug/l

RT: 7.82 min Scan# 997

Delta R.T. -0.00 min

Lab File: VY001416.D

Acq: 29 Jan 2020 12:20

Instrument :

MSVOA_Y

ClientSampleId :

VY0129SBS01

Tot Ion: 56 Resp: 95227

Ion Ratio Lower Upper

56 100

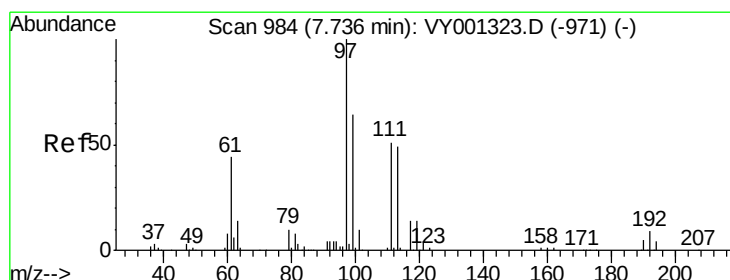
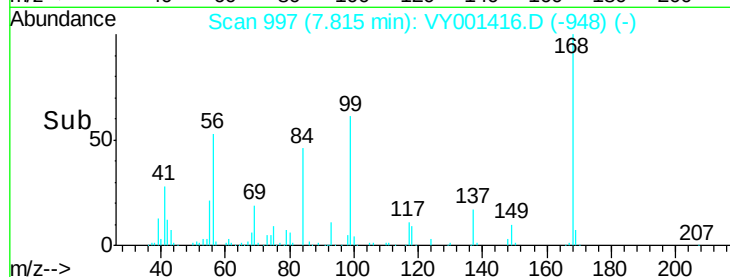
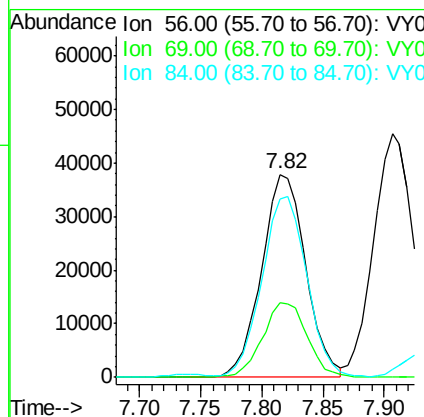
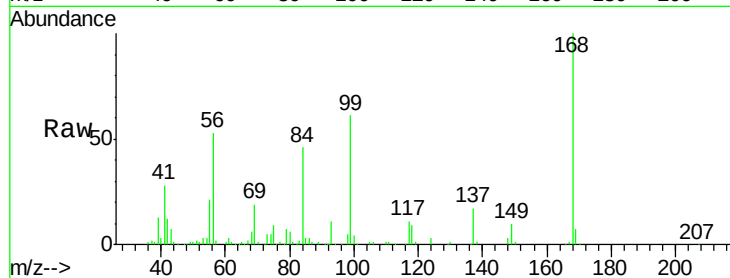
69 36.5 27.6 41.4

84 86.5 69.7 104.5

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 22.316 ug/l

RT: 7.74 min Scan# 985

Delta R.T. 0.01 min

Lab File: VY001416.D

Acq: 29 Jan 2020 12:20

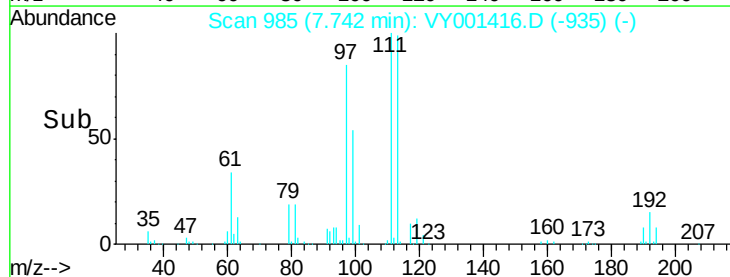
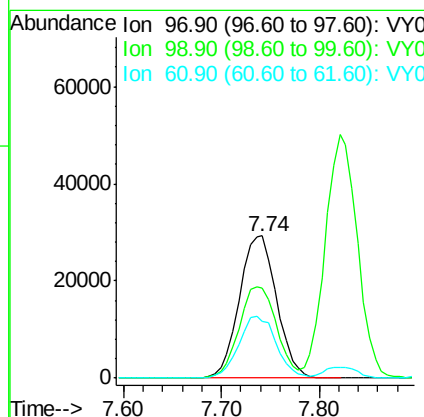
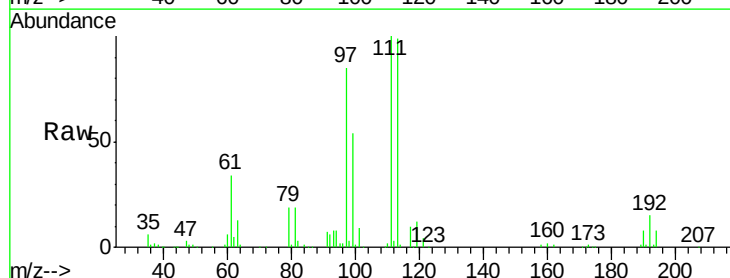
Tgt Ion: 97 Resp: 77337

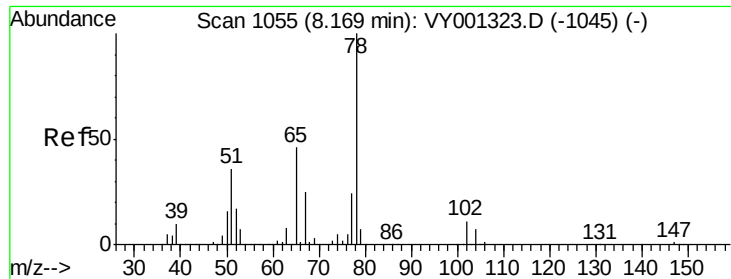
Ion Ratio Lower Upper

97 100

99 64.6 51.3 76.9

61 43.7 35.9 53.9





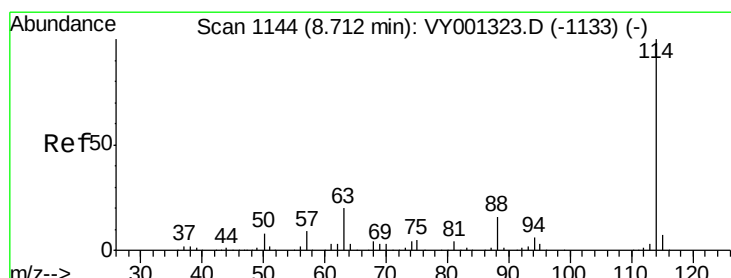
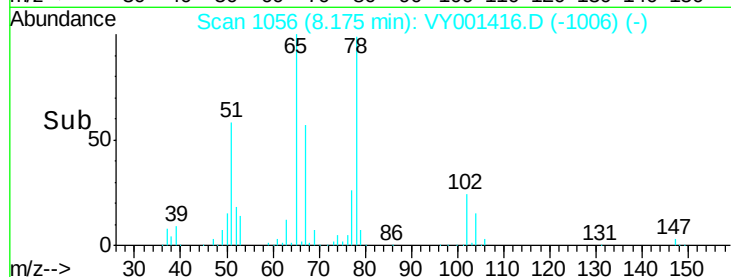
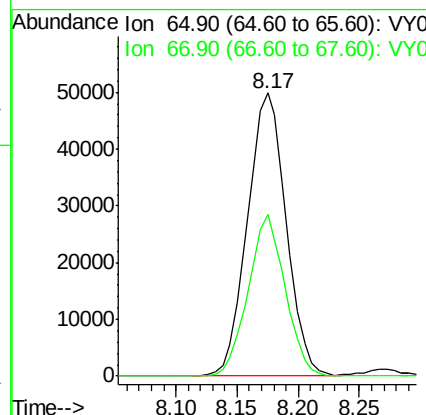
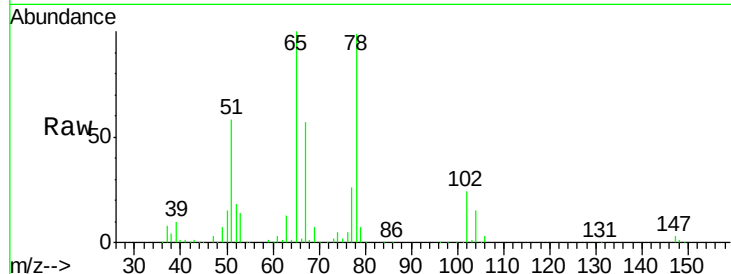
#33
 1,2-Dichloroethane-d4
 Concen: 51.033 ug/l
 RT: 8.17 min Scan# 1056
 Delta R.T. 0.01 min
 Lab File: VY001416.D
 Acq: 29 Jan 2020 12:20

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0129SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	109720		
67	54.5	0.0	108.6	

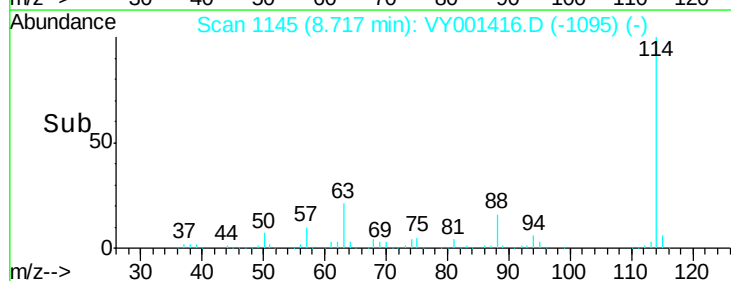
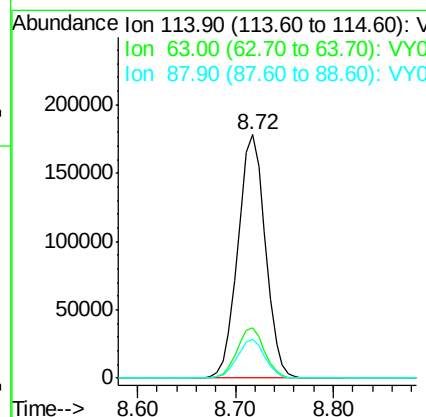
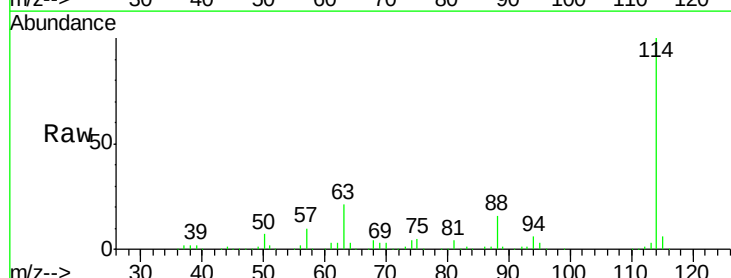
Manual Integrations
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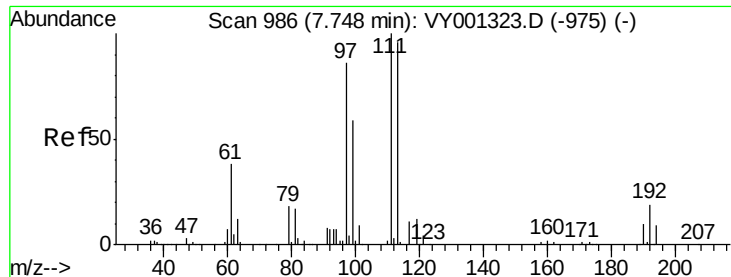
MMDadoda
 1/30/2020 10:27:28 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.72 min Scan# 1145
 Delta R.T. 0.01 min
 Lab File: VY001416.D
 Acq: 29 Jan 2020 12:20

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	346319		
63	20.7	0.0	40.8	
88	15.8	0.0	31.0	





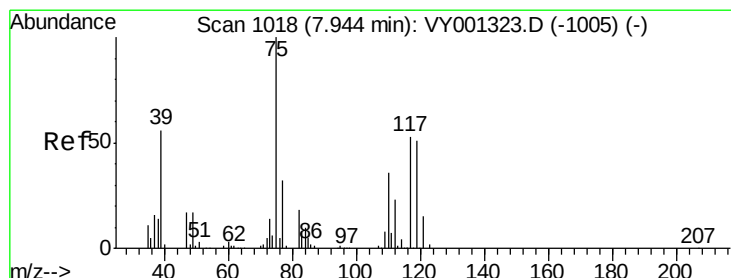
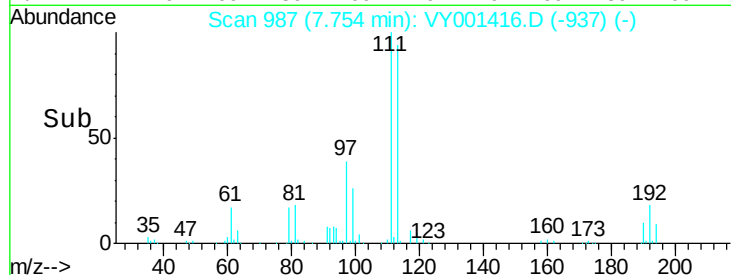
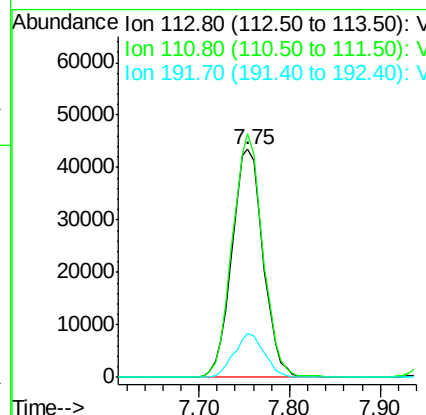
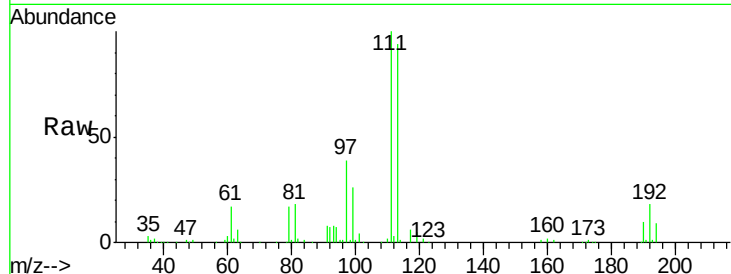
#35
 Dibromofluoromethane
 Concen: 51.175 ug/l
 RT: 7.75 min Scan# 987
 Delta R.T. 0.01 min
 Lab File: VY001416.D
 Acq: 29 Jan 2020 12:20

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0129SBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	104017		
111	103.8	82.8	124.2	
192	18.7	15.5	23.3	

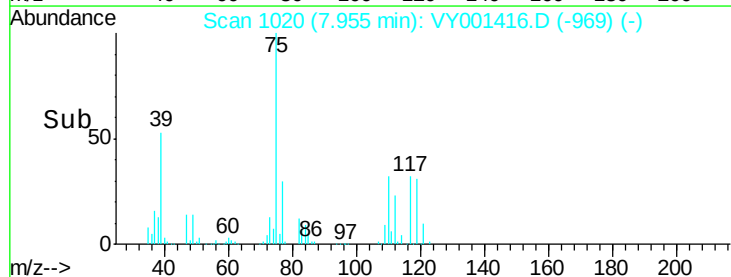
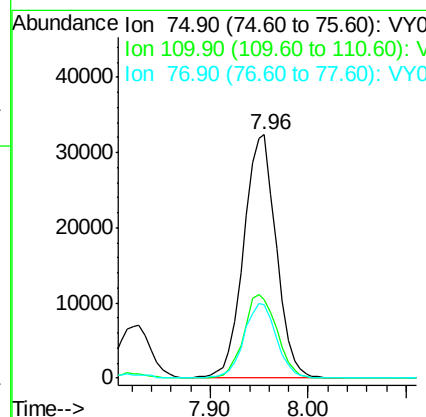
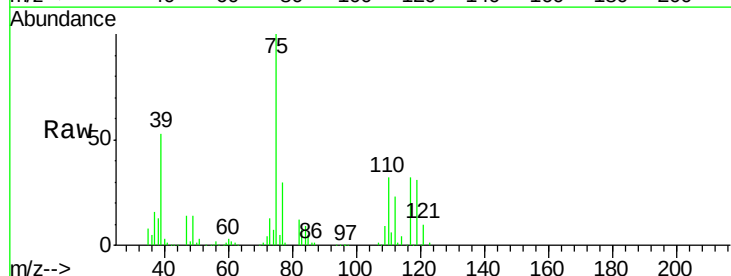
Manual Integrations
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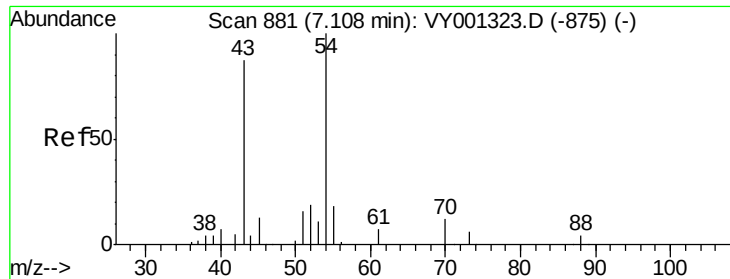
MMDadoda
 1/30/2020 10:27:28 AM



#36
 1,1-Dichloropropene
 Concen: 22.843 ug/l
 RT: 7.96 min Scan# 1020
 Delta R.T. 0.01 min
 Lab File: VY001416.D
 Acq: 29 Jan 2020 12:20

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	74740		
110	34.9	17.6	52.8	
77	30.6	24.7	37.1	





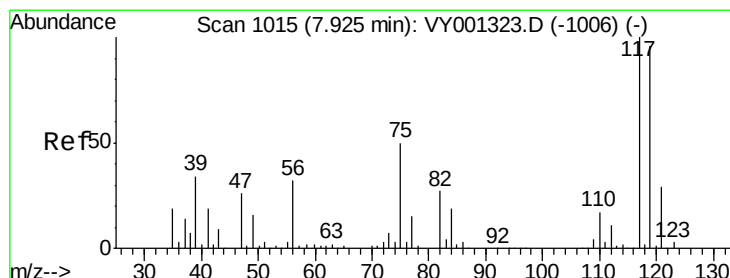
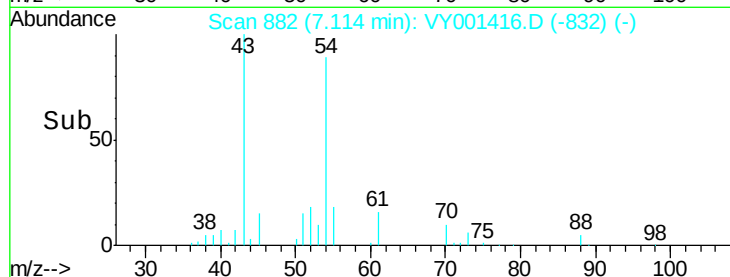
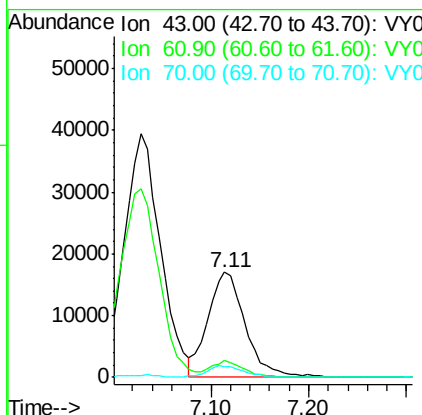
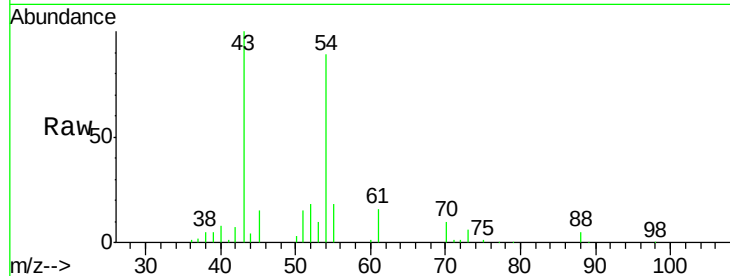
#37
Ethyl Acetate
Concen: 22.526 ug/l
RT: 7.11 min Scan# 882
Delta R.T. 0.01 min
Lab File: VY001416.D
Acq: 29 Jan 2020 12:20

Instrument :
MSVOA_Y
ClientSampleId :
VY0129SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.3	11.3	16.9
70	10.7	8.7	13.1

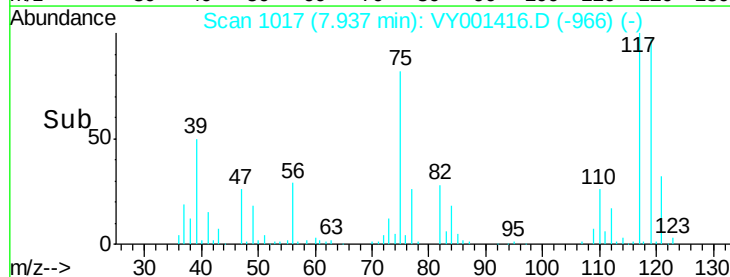
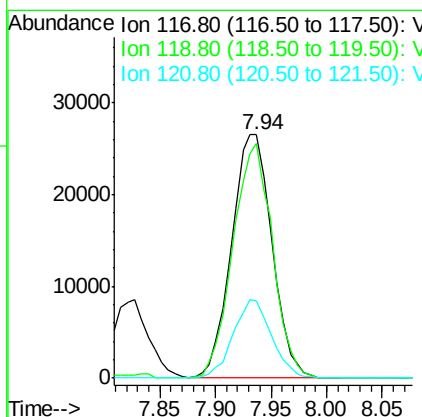
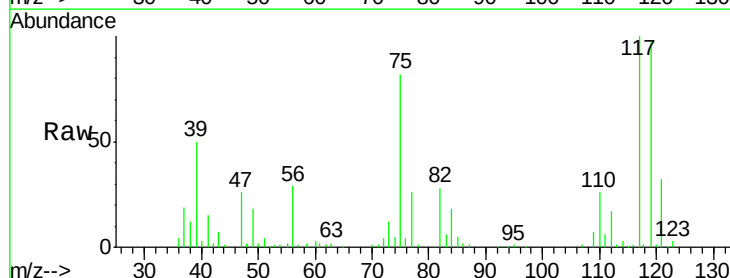
Manual Integrations
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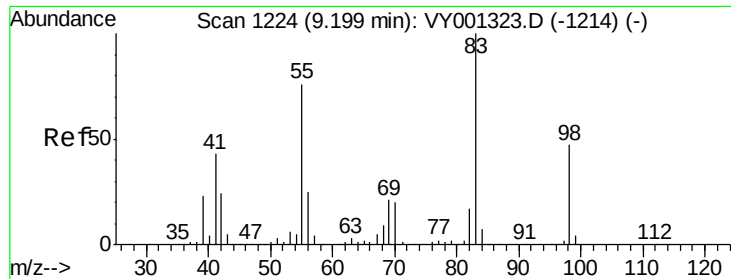
MMDadoda
1/30/2020 10:27:28 AM



#38
Carbon Tetrachloride
Concen: 22.935 ug/l
RT: 7.94 min Scan# 1017
Delta R.T. 0.01 min
Lab File: VY001416.D
Acq: 29 Jan 2020 12:20

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.6	76.3	114.5
121	31.6	23.5	35.3





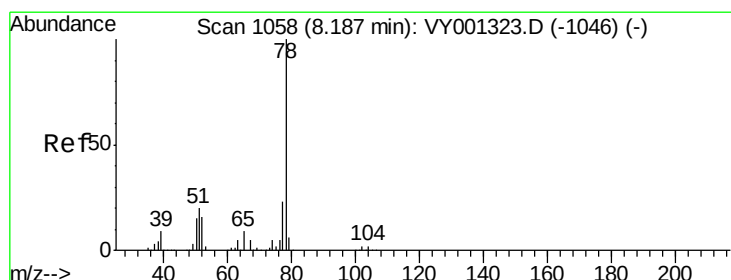
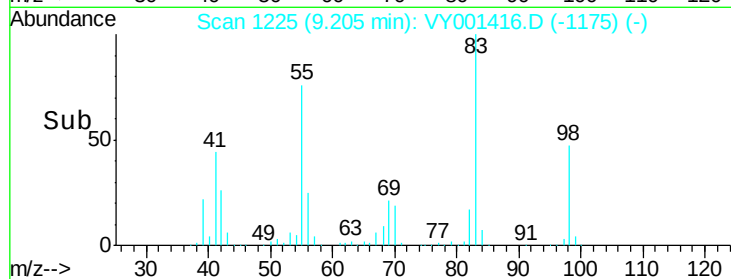
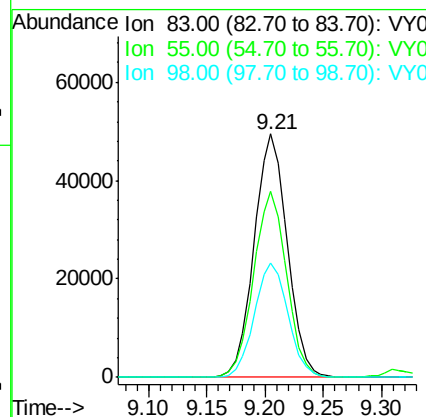
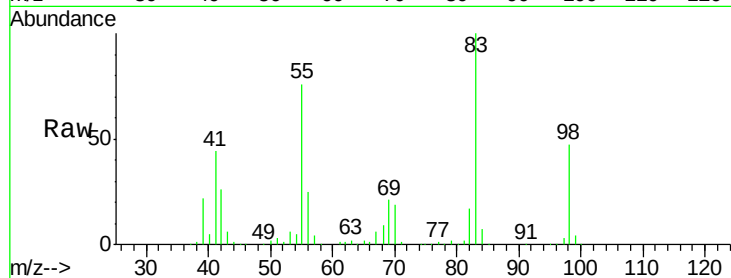
#39
Methylvlcyclohexane
Concen: 23.452 ug/l
RT: 9.21 min Scan# 1225
Delta R.T. 0.01 min
Lab File: VY001416.D
Acq: 29 Jan 2020 12:20

Instrument :
MSVOA_Y
ClientSampleId :
VY0129SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	76.2	60.7	91.1
98	47.2	37.8	56.8

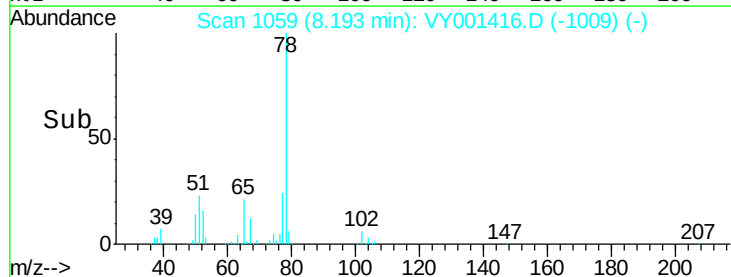
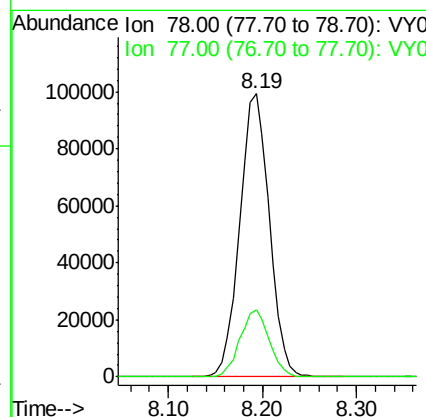
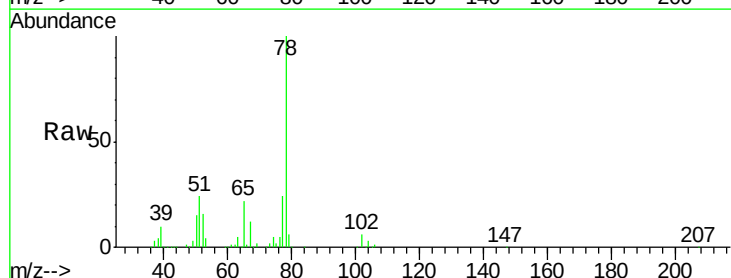
Manual Integrations
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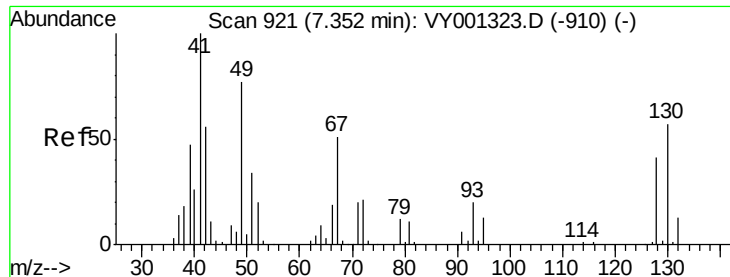
MMDadoda
1/30/2020 10:27:28 AM



#40
Benzene
Concen: 22.194 ug/l
RT: 8.19 min Scan# 1059
Delta R.T. 0.01 min
Lab File: VY001416.D
Acq: 29 Jan 2020 12:20

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	18.6	27.8





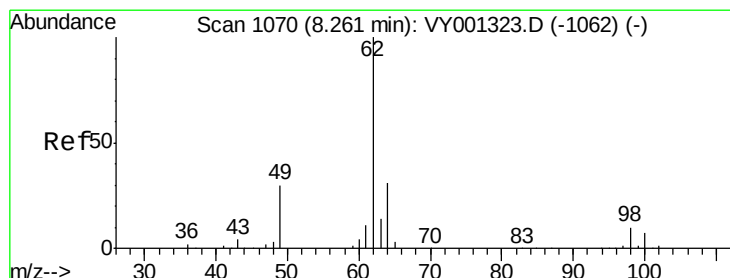
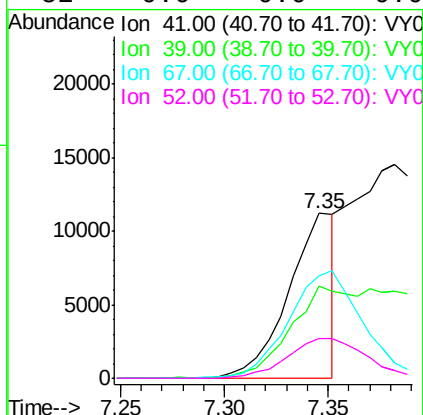
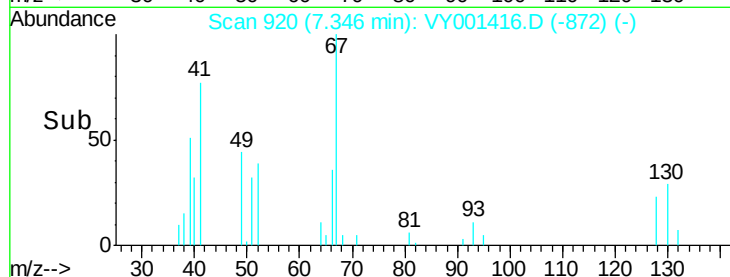
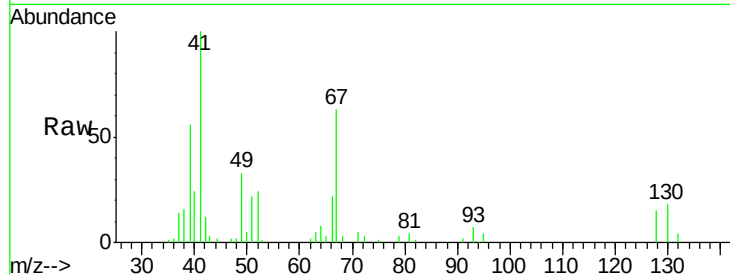
#41
Methacrylonitrile
Concen: 16.949 ug/l m
RT: 7.35 min Scan# 920
Delta R.T. -0.01 min
Lab File: VY001416.D
Acq: 29 Jan 2020 12:20

Instrument :
MSVOA_Y
ClientSampleId :
VY0129SBS01

Tot Ion	41	Resp	17484
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

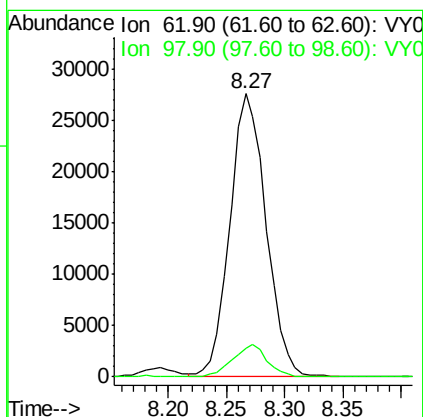
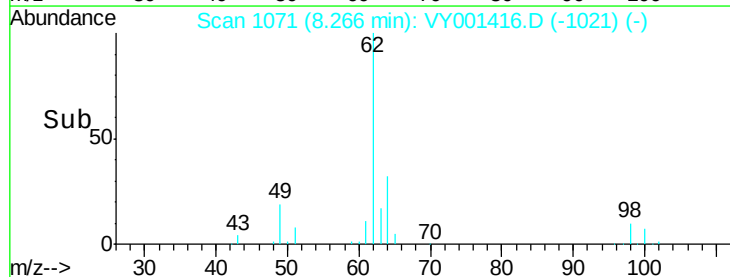
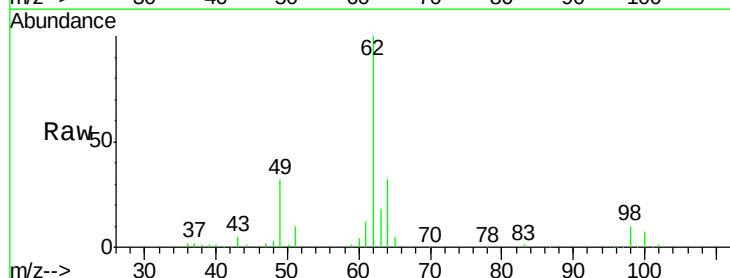
Manual Integrations
APPROVED

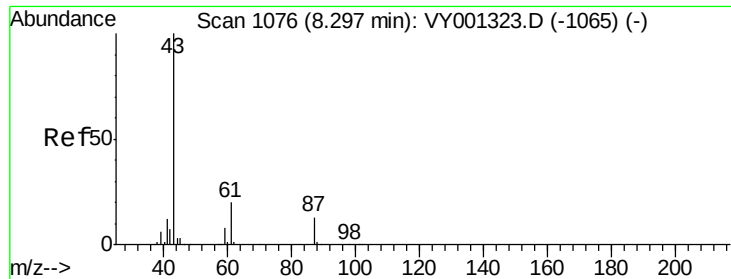
MMDadoda
1/30/2020 10:27:28 AM



#42
1,2-Dichloroethane
Concen: 21.853 ug/l
RT: 8.27 min Scan# 1071
Delta R.T. 0.01 min
Lab File: VY001416.D
Acq: 29 Jan 2020 12:20

Tgt Ion	62	Resp	59904
Ion	Ratio	Lower	Upper
62	100		
98	10.8	0.0	20.8





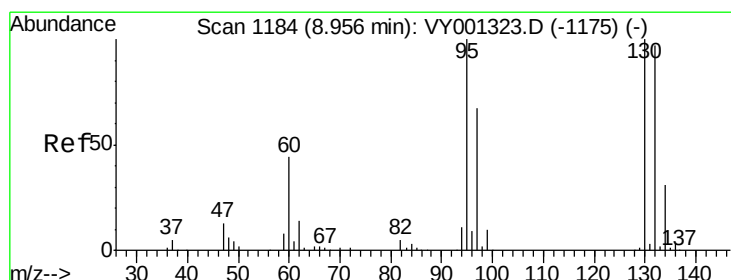
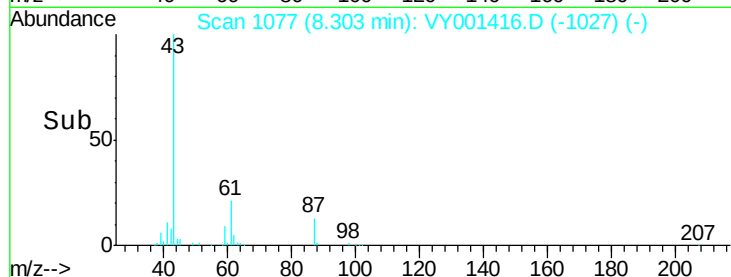
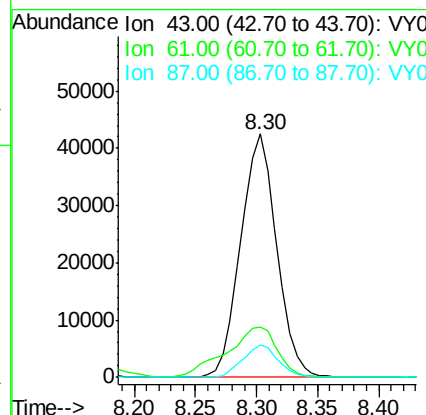
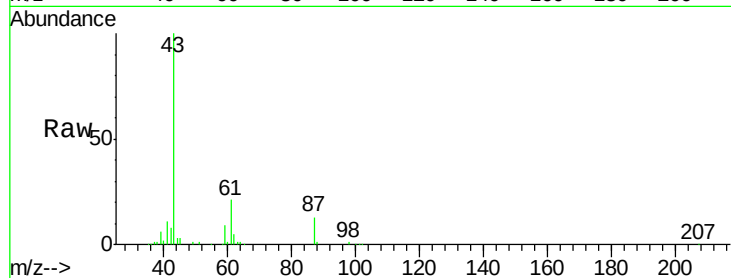
#43
Isopropyl Acetate
Concen: 22.406 ug/l
RT: 8.30 min Scan# 1077
Delta R.T. 0.01 min
Lab File: VY001416.D
Acq: 29 Jan 2020 12:20

Instrument :
MSVOA_Y
ClientSampleId :
VY0129SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	28.9	22.7	34.1
87	13.0	11.0	16.4

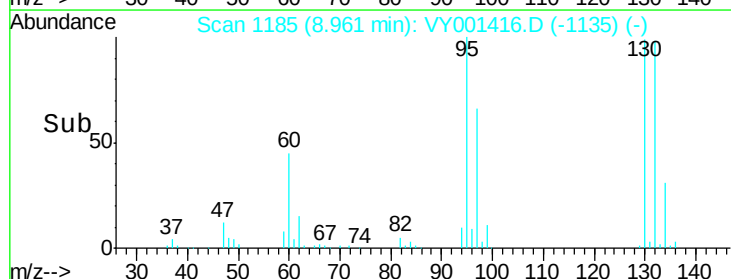
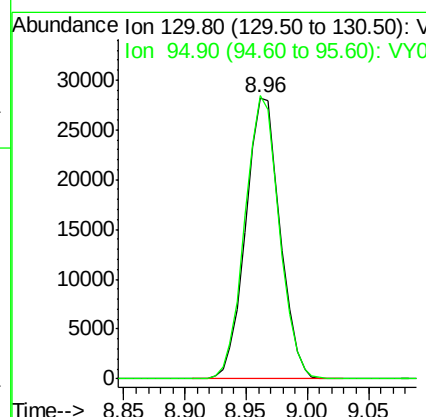
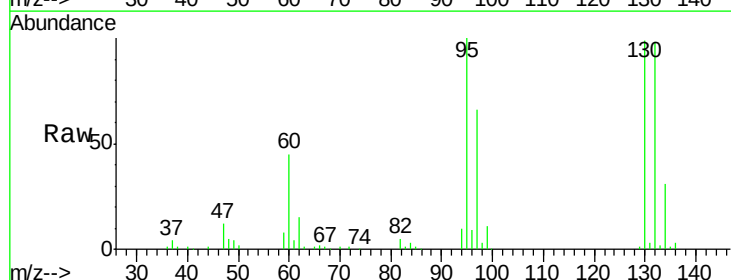
Manual Integrations
APPROVED

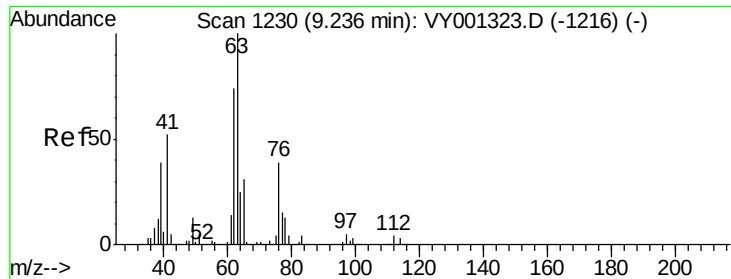
MMDadoda
1/30/2020 10:27:28 AM



#44
Trichloroethene
Concen: 21.825 ug/l
RT: 8.96 min Scan# 1185
Delta R.T. 0.01 min
Lab File: VY001416.D
Acq: 29 Jan 2020 12:20

Tgt Ion	Ratio	Lower	Upper
130	100		
95	100.6	0.0	200.0





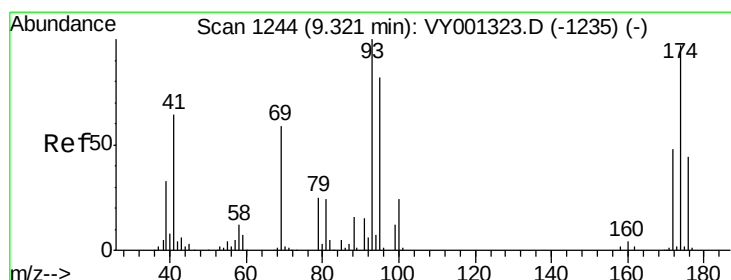
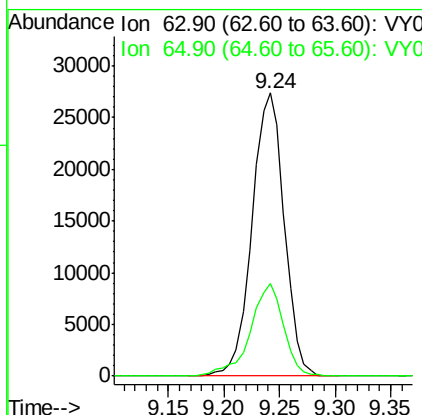
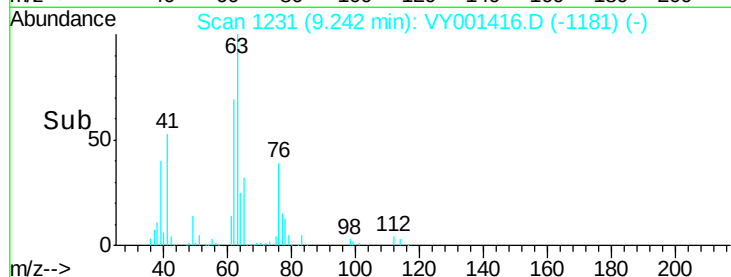
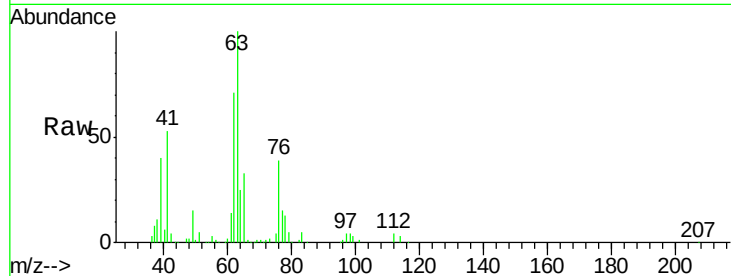
#45
 1,2-Dichloropropane
 Concen: 22.196 ug/l
 RT: 9.24 min Scan# 1231
 Delta R.T. 0.01 min
 Lab File: VY001416.D
 Acq: 29 Jan 2020 12:20

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0129SBS01

Tot Ion: 63 Resp: 55047
 Ion Ratio Lower Upper
 63 100
 65 32.7 24.9 37.3

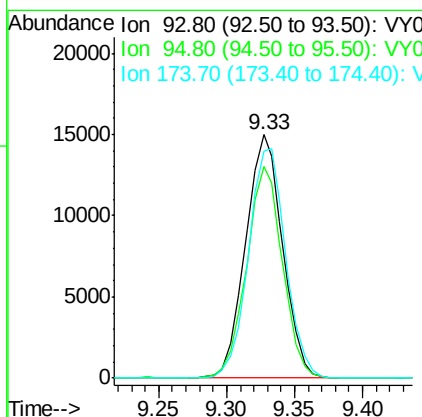
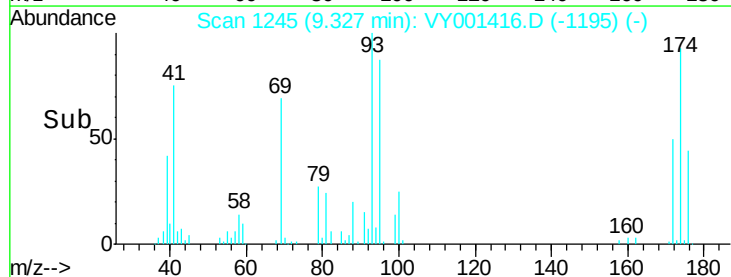
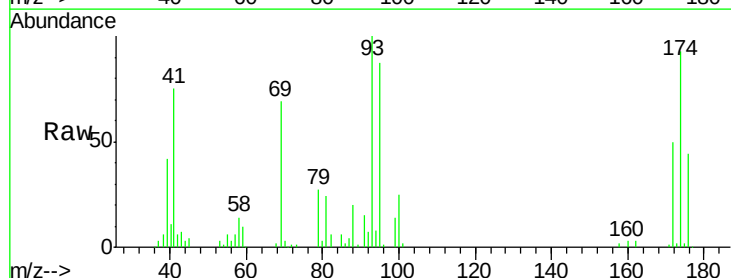
Manual Integrations
 APPROVED

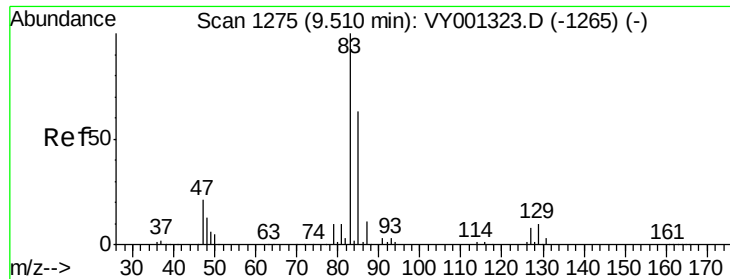
MMDadoda
 1/30/2020 10:27:28 AM



#46
 Dibromomethane
 Concen: 21.417 ug/l
 RT: 9.33 min Scan# 1245
 Delta R.T. 0.01 min
 Lab File: VY001416.D
 Acq: 29 Jan 2020 12:20

Tgt Ion: 93 Resp: 28514
 Ion Ratio Lower Upper
 93 100
 95 84.5 66.5 99.7
 174 94.7 77.9 116.9





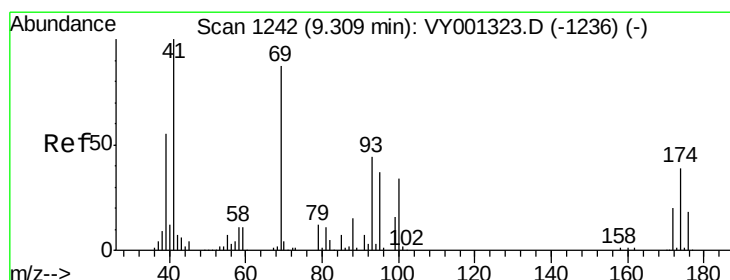
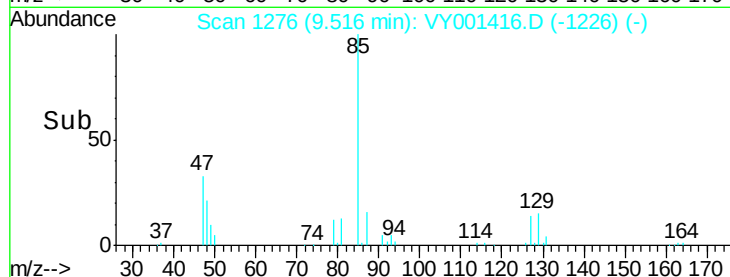
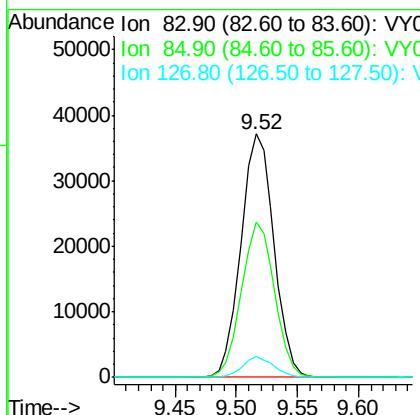
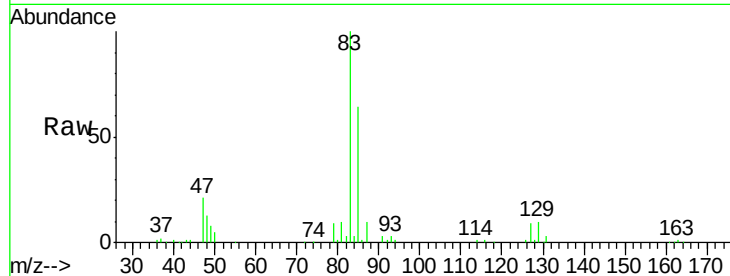
#47
Bromodichloromethane
Concen: 21.847 ug/l
RT: 9.52 min Scan# 1276
Delta R.T. 0.01 min
Lab File: VY001416.D
Acq: 29 Jan 2020 12:20

Instrument :
MSVOA_Y
ClientSampleId :
VY0129SBS01

Tot Ion	83	Resp	69532
Ion Ratio	100	Lower	Upper
83	100		
85	63.6	50.2	75.2
127	8.6	6.4	9.6

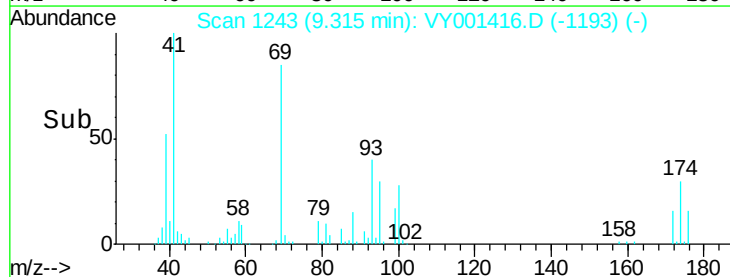
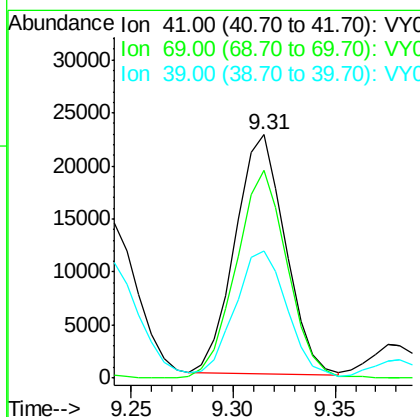
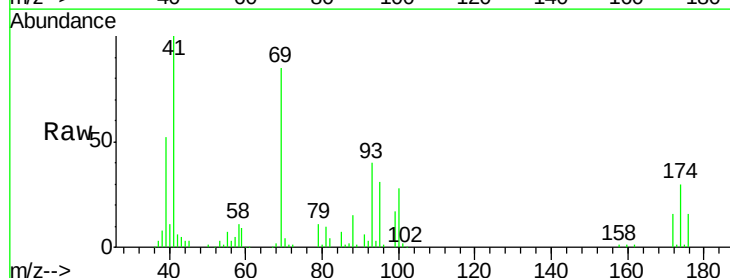
Manual Integrations
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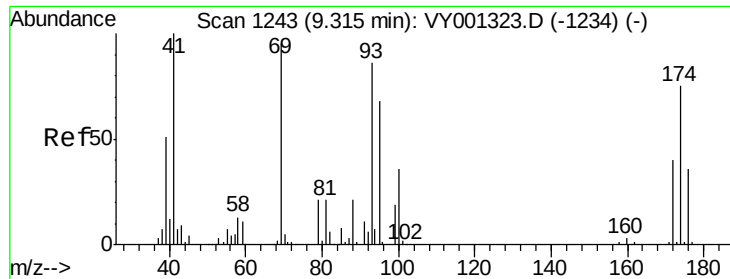
MMDadoda
1/30/2020 10:27:28 AM



#48
Methyl methacrylate
Concen: 21.820 ug/l
RT: 9.31 min Scan# 1243
Delta R.T. 0.01 min
Lab File: VY001416.D
Acq: 29 Jan 2020 12:20

Tgt Ion	41	Resp	38557
Ion Ratio	100	Lower	Upper
41	100		
69	88.5	70.2	105.4
39	55.8	45.7	68.5





#49

1,4-Dioxane

Concen: 439.086 ug/l

RT: 9.32 min Scan# 1244

Delta R.T. 0.01 min

Lab File: VY001416.D

Acq: 29 Jan 2020 12:20

Instrument :

MSVOA_Y

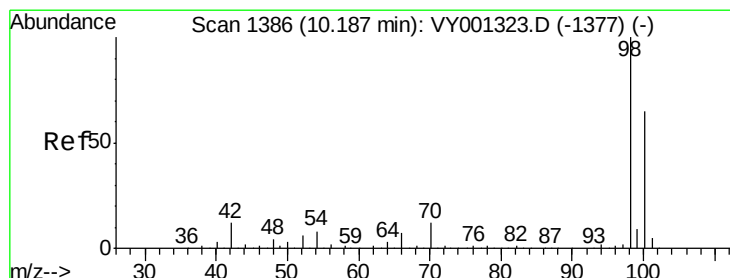
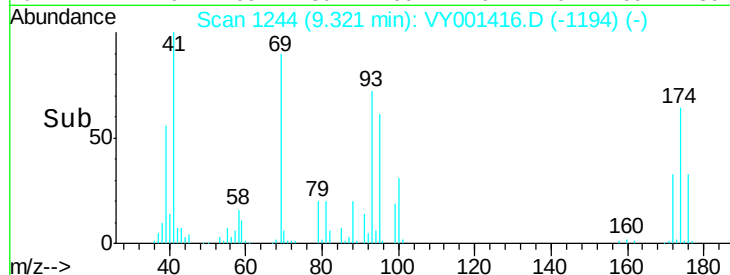
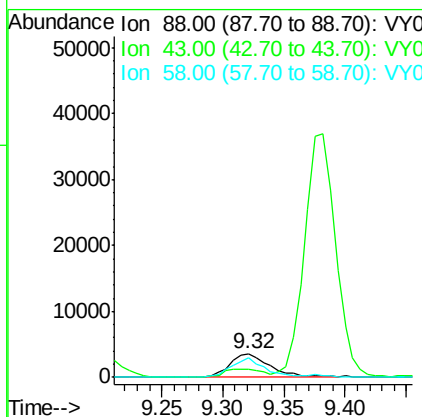
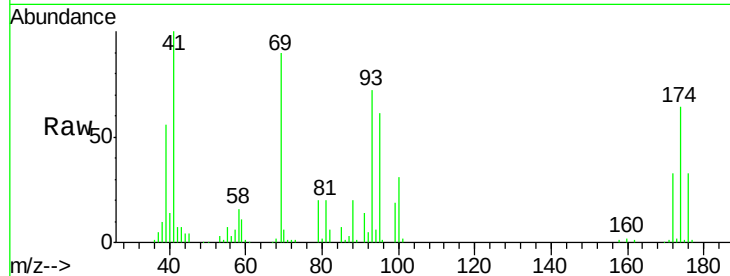
ClientSampleId :

VY0129SBS01

Tot Ion:	88	Resp:	8244
Ion	Ratio	Lower	Upper
88	100		
43	34.8	28.2	42.2
58	68.9	55.6	83.4

Manual Integrations
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#50

Toluene-d8

Concen: 53.421 ug/l

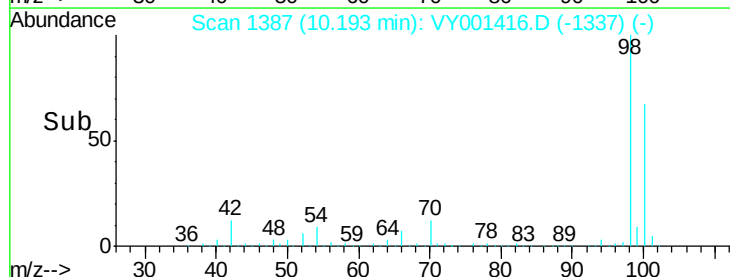
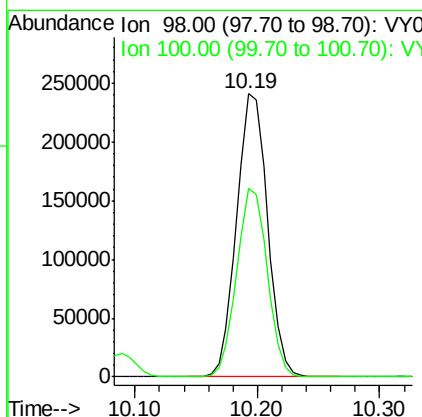
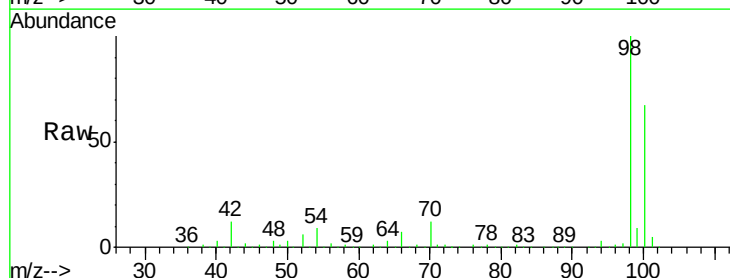
RT: 10.19 min Scan# 1387

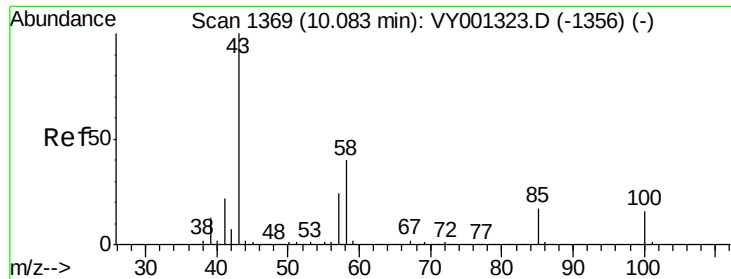
Delta R.T. 0.01 min

Lab File: VY001416.D

Acq: 29 Jan 2020 12:20

Tgt Ion:	98	Resp:	421865
Ion	Ratio	Lower	Upper
98	100		
100	65.9	52.6	79.0





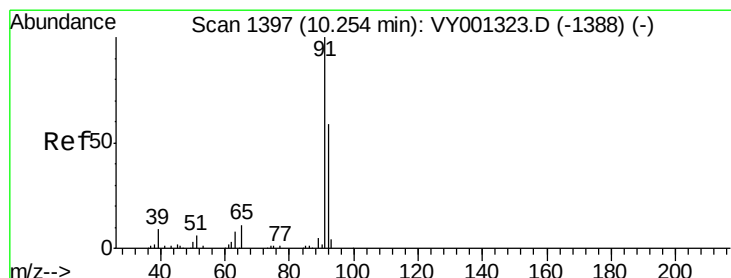
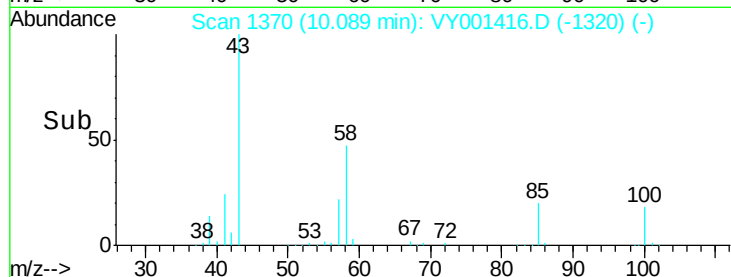
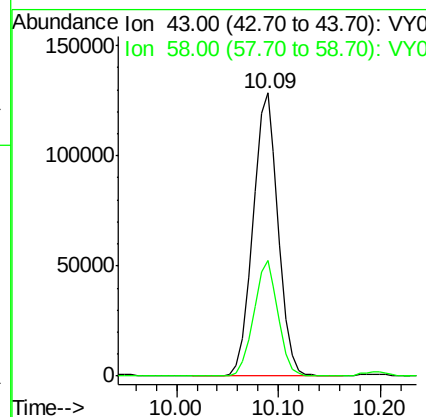
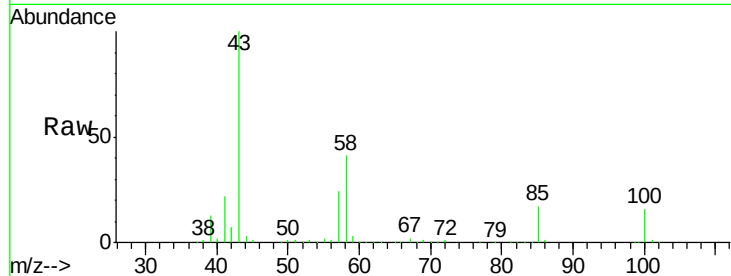
#51
4-Methyl-2-Pentanone
Concen: 109.980 ug/l
RT: 10.09 min Scan# 1370
Delta R.T. 0.01 min
Lab File: VY001416.D
Acq: 29 Jan 2020 12:20

Instrument :
MSVOA_Y
ClientSampleId :
VY0129SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	39.4	31.5	47.3

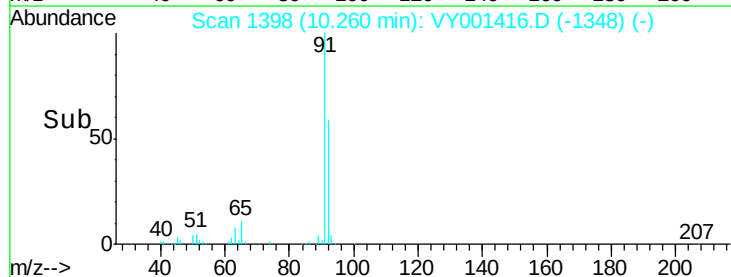
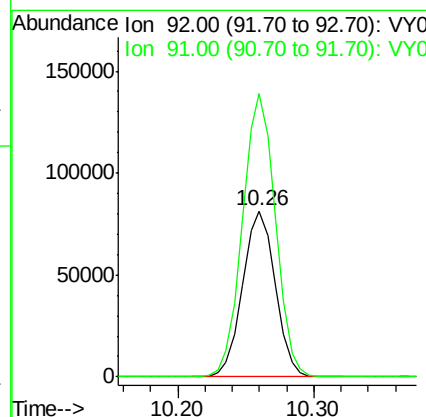
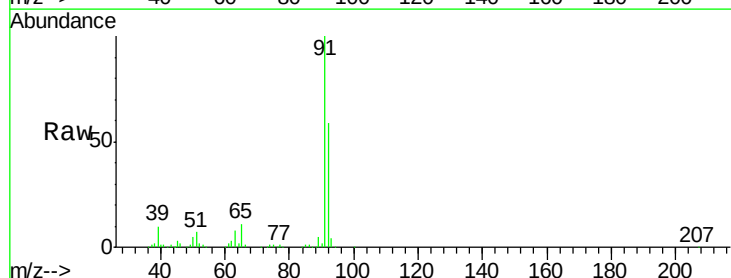
Manual Integrations
APPROVED

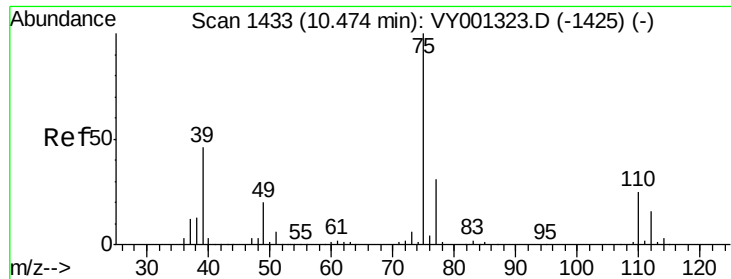
MMDadoda
1/30/2020 10:27:28 AM



#52
Toluene
Concen: 21.960 ug/l
RT: 10.26 min Scan# 1398
Delta R.T. 0.01 min
Lab File: VY001416.D
Acq: 29 Jan 2020 12:20

Tgt Ion	Ratio	Lower	Upper
92	100		
91	171.3	136.4	204.6





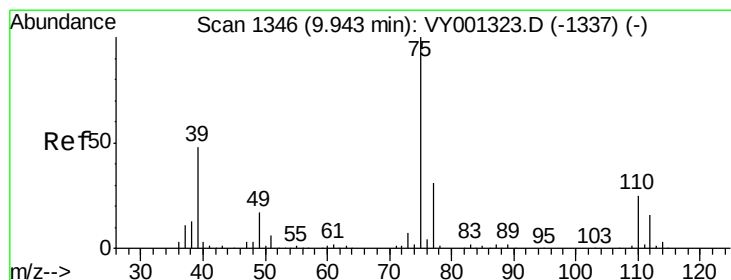
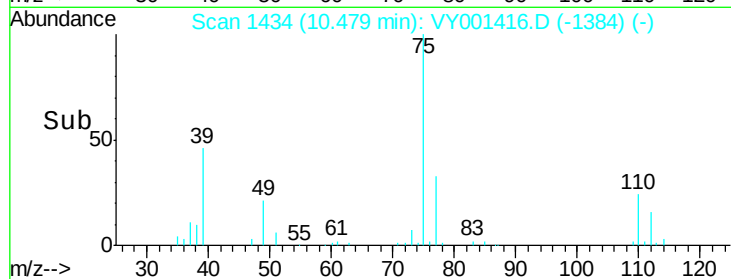
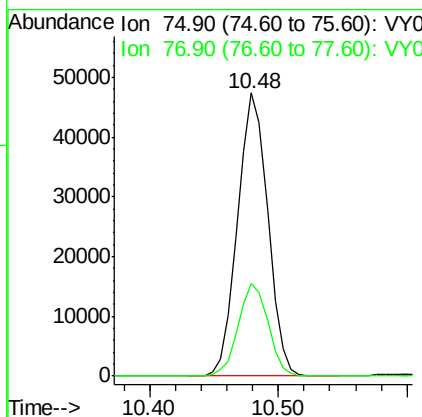
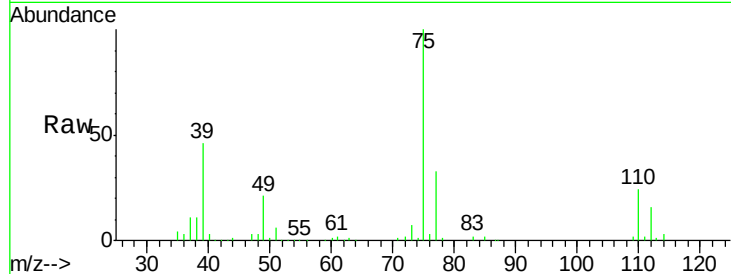
#53
t-1,3-Dichloropropene
Concen: 21.837 ug/l
RT: 10.48 min Scan# 1434
Delta R.T. 0.01 min
Lab File: VY001416.D
Acq: 29 Jan 2020 12:20

Instrument :
MSVOA_Y
ClientSampleId :
VY0129SBS01

Tot Ion: 75 Resp: 77036
Ion Ratio Lower Upper
75 100
77 32.6 25.2 37.8

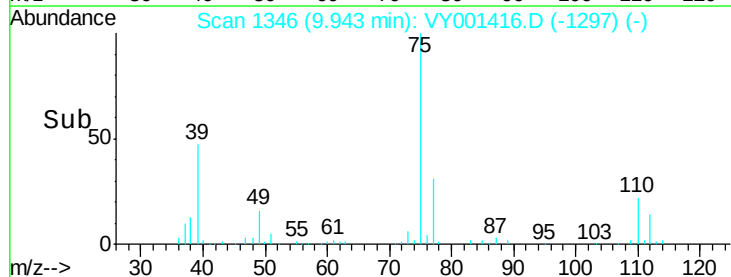
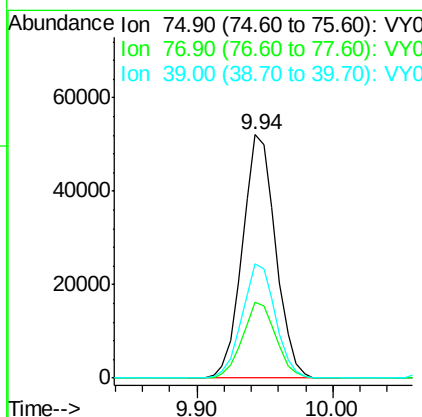
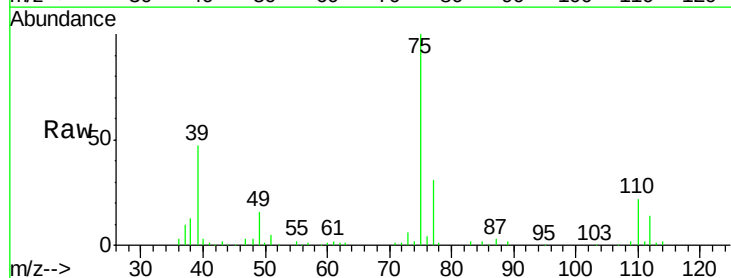
Manual Integrations
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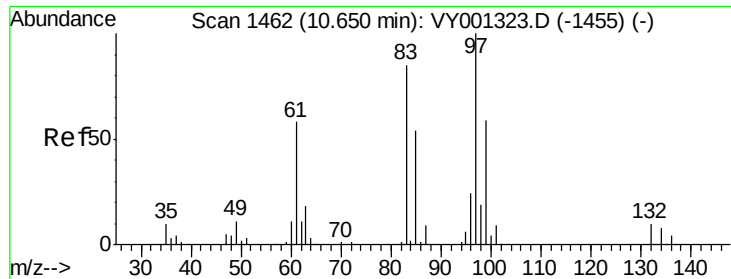
MMDadoda
1/30/2020 10:27:28 AM



#54
cis-1,3-Dichloropropene
Concen: 21.951 ug/l
RT: 9.94 min Scan# 1346
Delta R.T. -0.00 min
Lab File: VY001416.D
Acq: 29 Jan 2020 12:20

Tgt Ion: 75 Resp: 88881
Ion Ratio Lower Upper
75 100
77 31.2 25.0 37.6
39 46.8 38.2 57.4





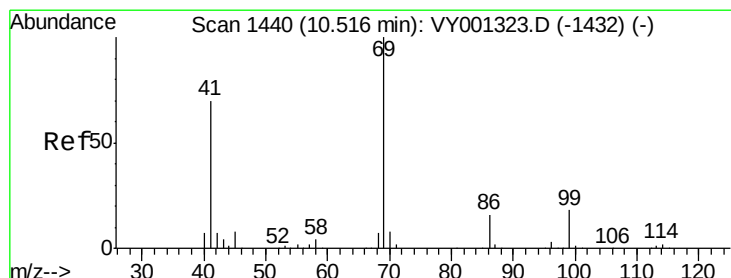
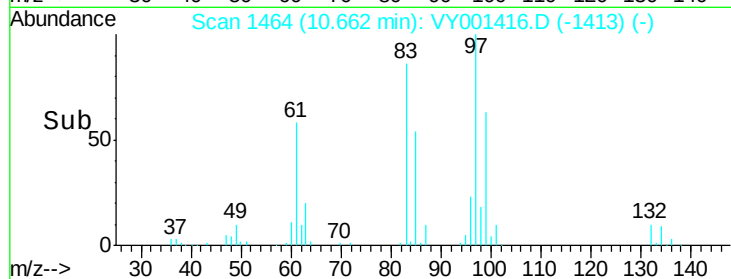
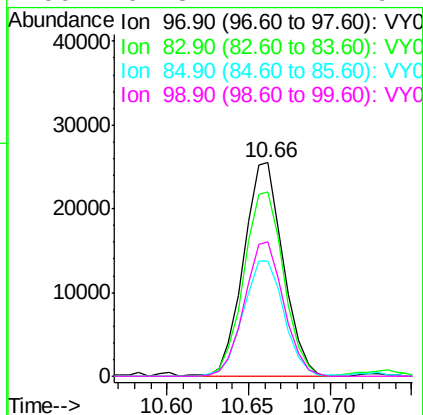
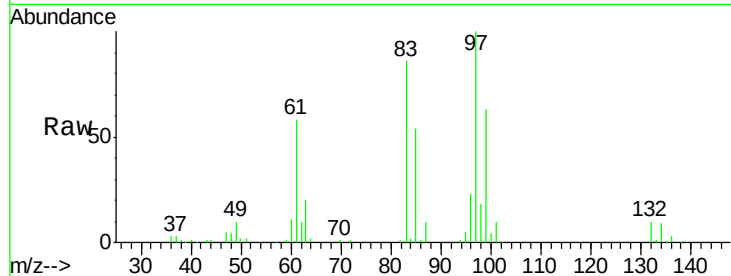
#55
 1,1,2-Trichloroethane
 Concen: 21.955 ug/l
 RT: 10.66 min Scan# 1464
 Delta R.T. 0.01 min
 Lab File: VY001416.D
 Acq: 29 Jan 2020 12:20

Instrument :
 MSVOA_Y
 ClientSampled :
 VY0129SBS01

Tot Ion:	97	Resp:	43144
Ion	Ratio	Lower	Upper
97	100		
83	86.4	68.0	102.0
85	54.2	43.6	65.4
99	62.8	47.1	70.7

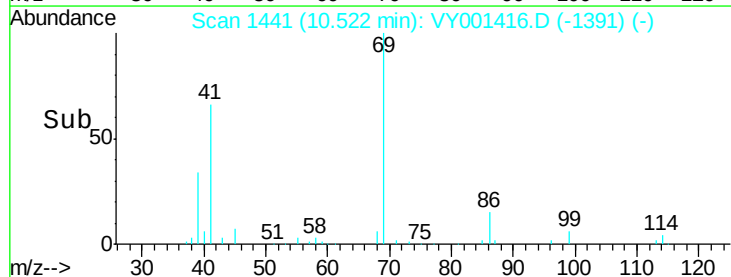
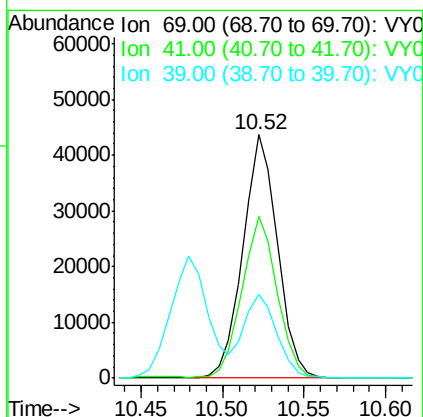
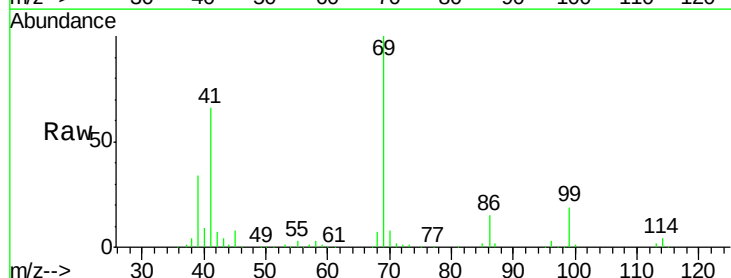
Manual Integrations
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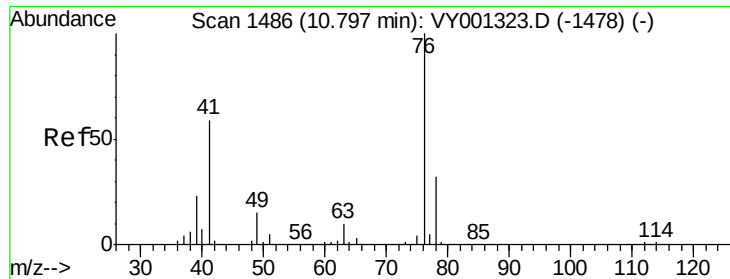
MMDadoda
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#56
 Ethyl methacrylate
 Concen: 21.762 ug/l
 RT: 10.52 min Scan# 1441
 Delta R.T. 0.01 min
 Lab File: VY001416.D
 Acq: 29 Jan 2020 12:20

Tgt Ion:	69	Resp:	64635
Ion	Ratio	Lower	Upper
69	100		
41	67.1	54.1	81.1
39	33.5	26.8	40.2





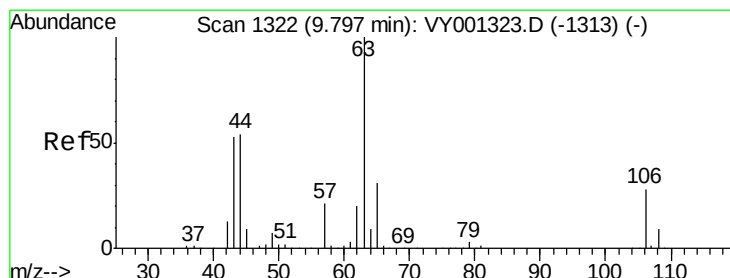
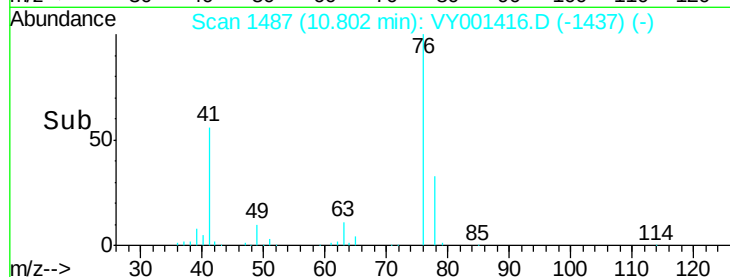
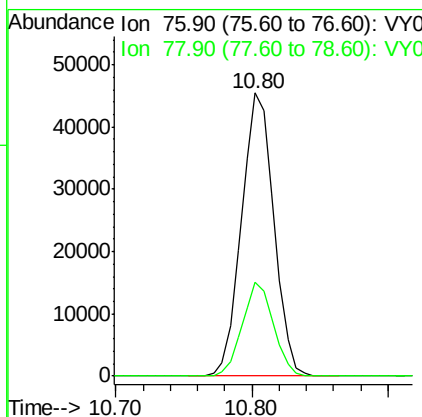
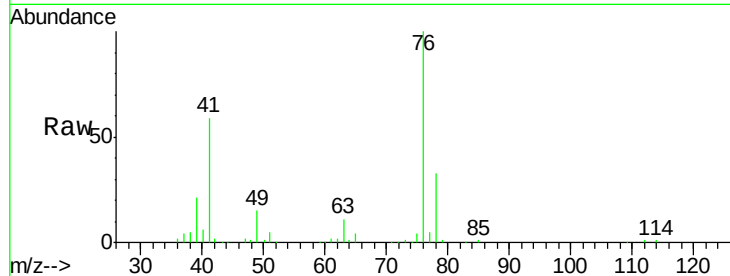
#57
 1,3-Dichloropropane
 Concen: 22.082 ug/l
 RT: 10.80 min Scan# 1487
 Delta R.T. 0.01 min
 Lab File: VY001416.D
 Acq: 29 Jan 2020 12:20

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0129SBS01

Tot Ion: 76 Resp: 75592
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.8 38.8

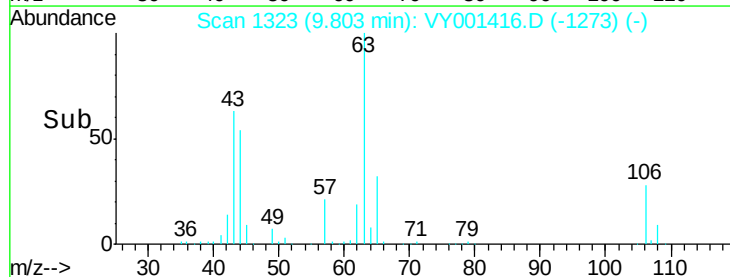
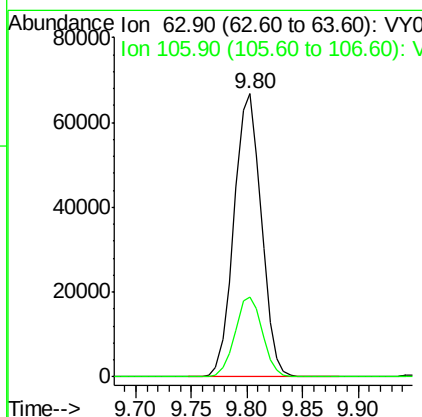
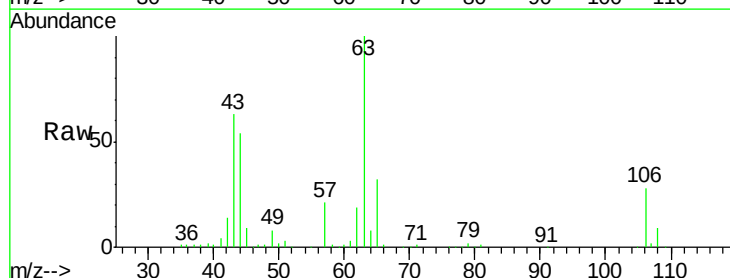
Manual Integrations
 APPROVED

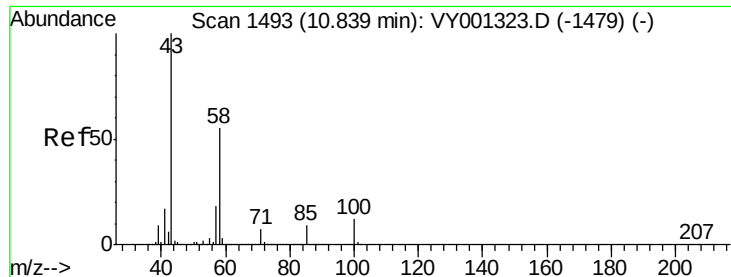
MMDadoda
 1/30/2020 10:27:28 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 110.592 ug/l
 RT: 9.80 min Scan# 1323
 Delta R.T. 0.01 min
 Lab File: VY001416.D
 Acq: 29 Jan 2020 12:20

Tgt Ion: 63 Resp: 113663
 Ion Ratio Lower Upper
 63 100
 106 28.2 22.5 33.7





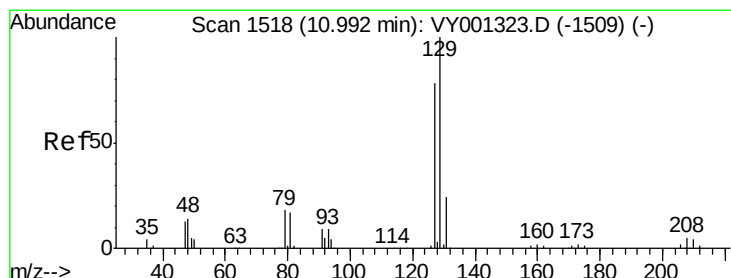
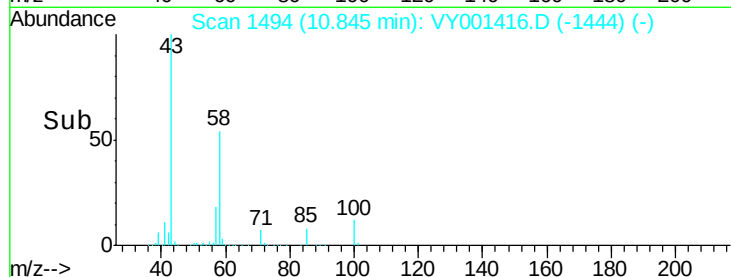
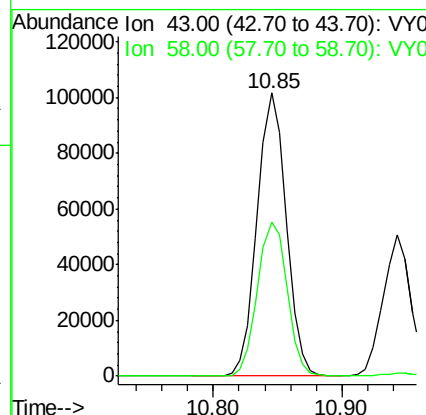
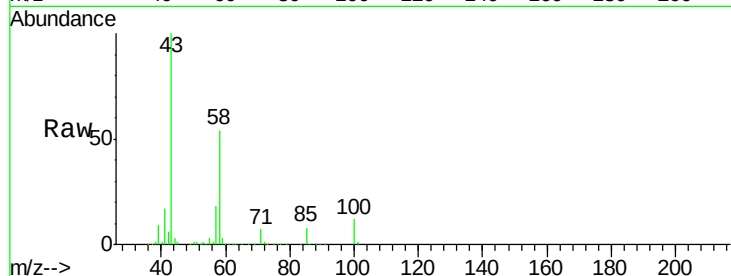
#59
2-Hexanone
Concen: 113.966 ug/l
RT: 10.85 min Scan# 1494
Delta R.T. 0.01 min
Lab File: VY001416.D
Acq: 29 Jan 2020 12:20

Instrument :
MSVOA_Y
ClientSampleId :
VY0129SBS01

Tot Ion: 43 Resp: 158820
Ion Ratio Lower Upper
43 100
58 55.6 27.6 82.8

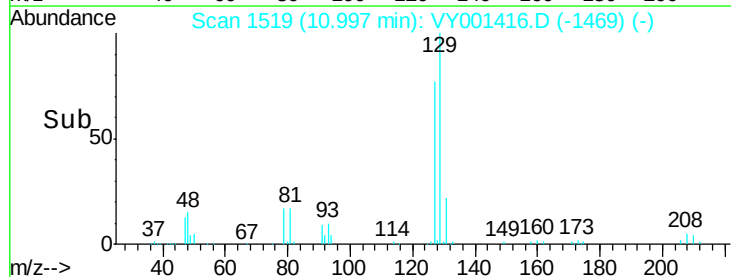
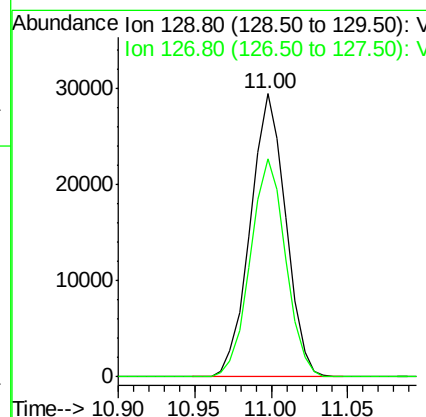
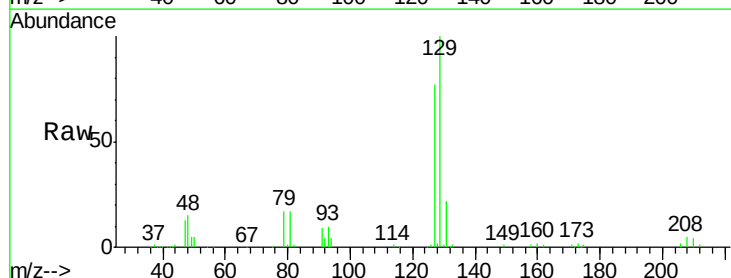
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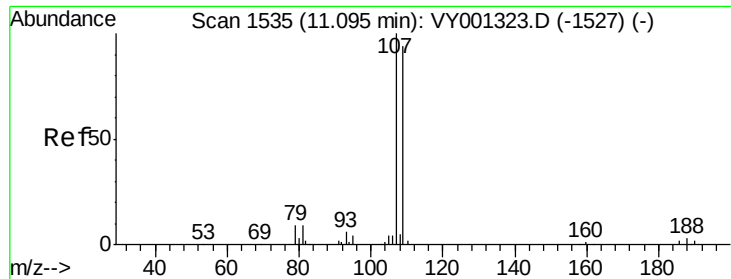
MMDadoda
1/30/2020 10:27:28 AM



#60
Dibromochloromethane
Concen: 21.637 ug/l
RT: 11.00 min Scan# 1519
Delta R.T. 0.01 min
Lab File: VY001416.D
Acq: 29 Jan 2020 12:20

Tgt Ion: 129 Resp: 47556
Ion Ratio Lower Upper
129 100
127 76.6 38.8 116.4





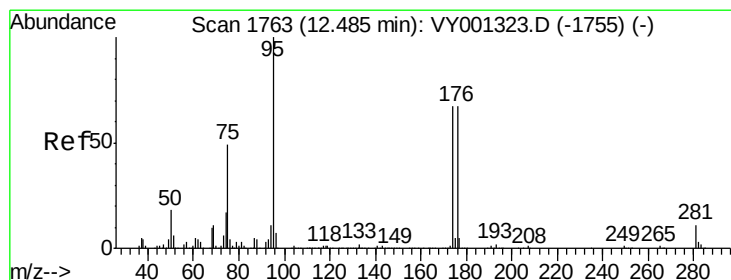
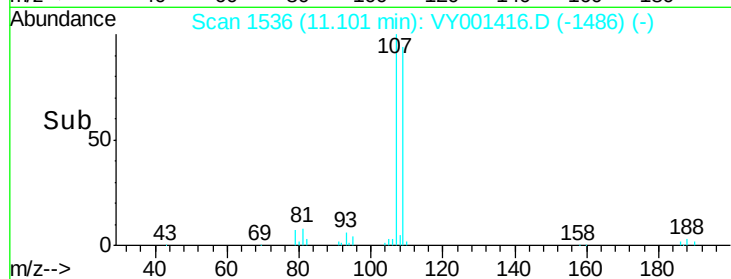
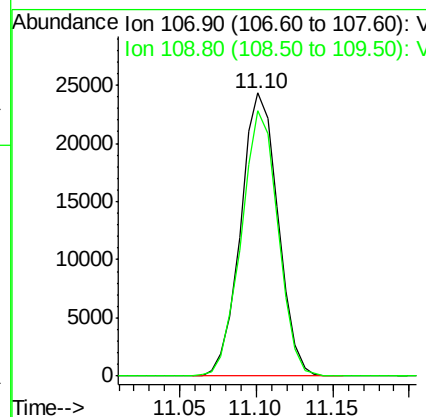
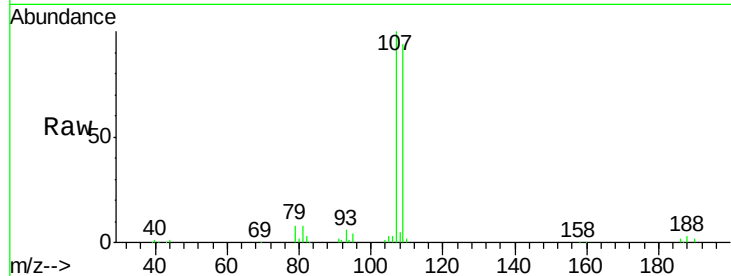
#61
 1,2-Dibromoethane
 Concen: 22.118 ug/l
 RT: 11.10 min Scan# 1536
 Delta R.T. 0.01 min
 Lab File: VY001416.D
 Acq: 29 Jan 2020 12:20

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0129SBS01

Tot Ion: 107 Resp: 41089
 Ion Ratio Lower Upper
 107 100
 109 92.4 75.0 112.6

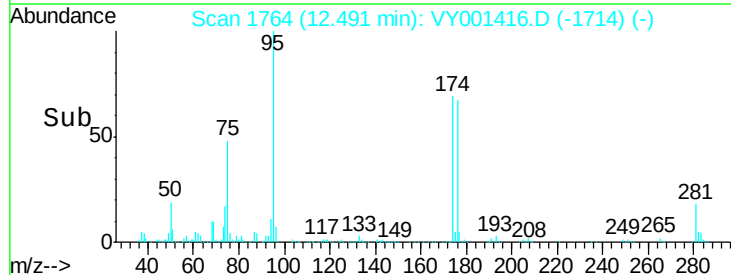
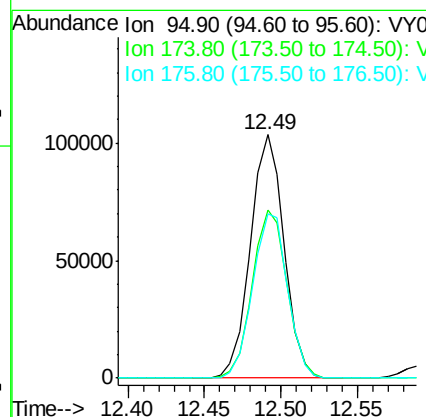
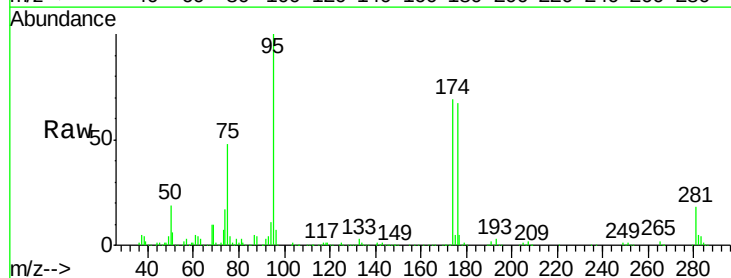
Manual Integrations
 APPROVED

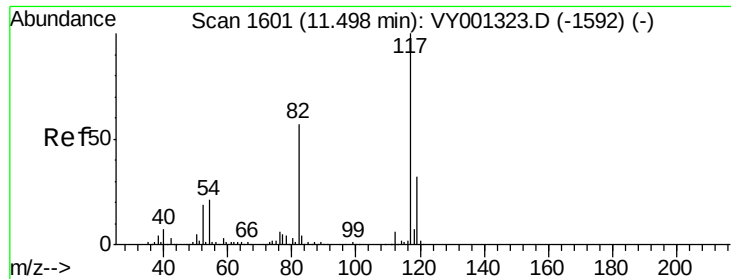
MMDadoda
 1/30/2020 10:27:28 AM



#62
 4-Bromofluorobenzene
 Concen: 50.276 ug/l
 RT: 12.49 min Scan# 1764
 Delta R.T. 0.01 min
 Lab File: VY001416.D
 Acq: 29 Jan 2020 12:20

Tgt Ion: 95 Resp: 158111
 Ion Ratio Lower Upper
 95 100
 174 71.5 0.0 142.0
 176 70.3 0.0 138.6





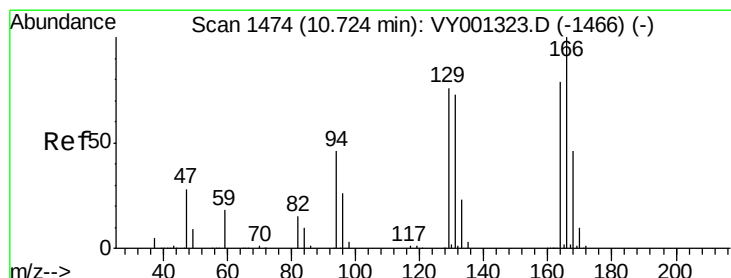
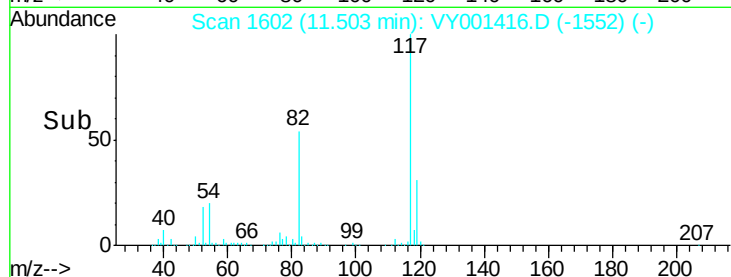
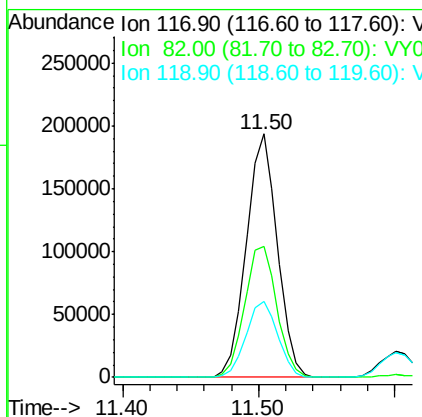
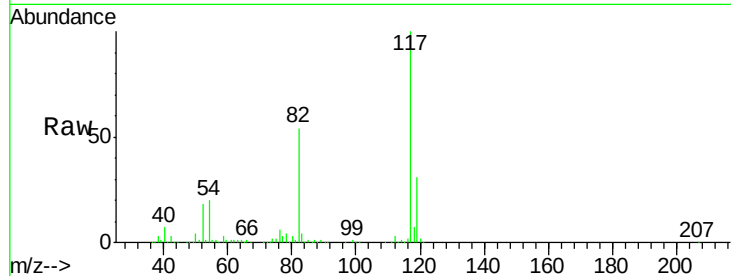
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY001416.D
Acq: 29 Jan 2020 12:20

Instrument :
MSVOA_Y
ClientSampleId :
VY0129SBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	308913		
82	54.1		45.5	68.3
119	31.0		25.8	38.6

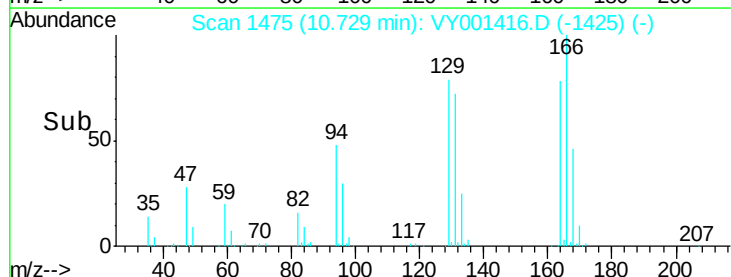
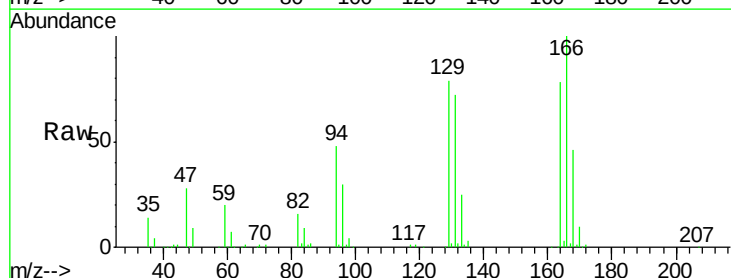
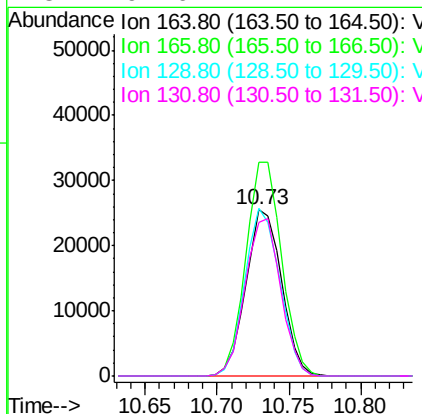
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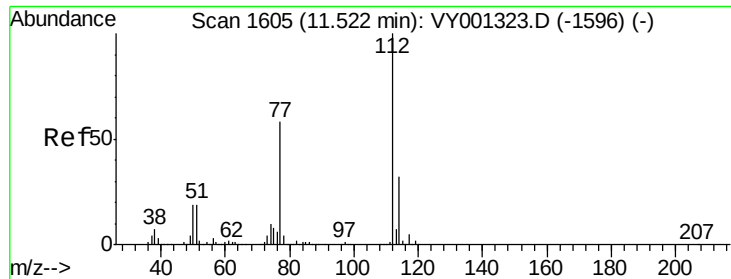
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#64
Tetrachloroethene
Concen: 22.115 ug/l
RT: 10.73 min Scan# 1475
Delta R.T. 0.01 min
Lab File: VY001416.D
Acq: 29 Jan 2020 12:20

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	43638		
166	128.4		101.8	152.8
129	101.0		77.1	115.7
131	92.6		74.2	111.2





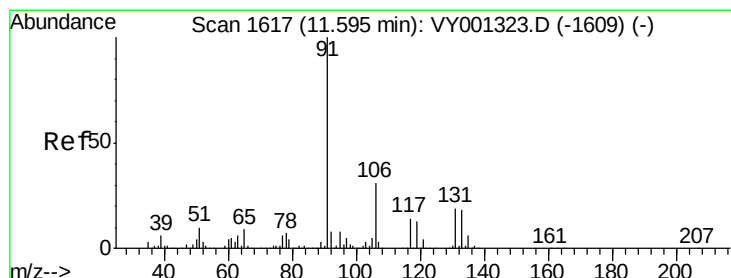
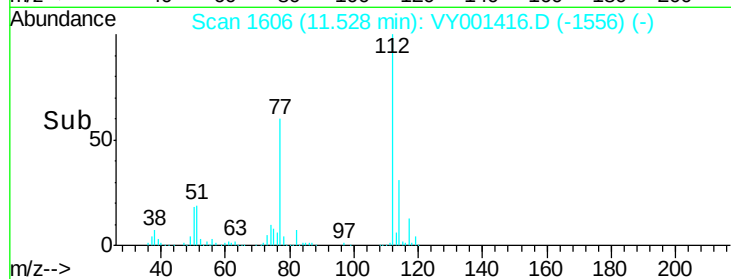
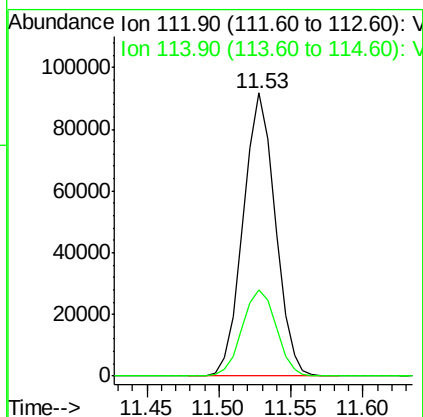
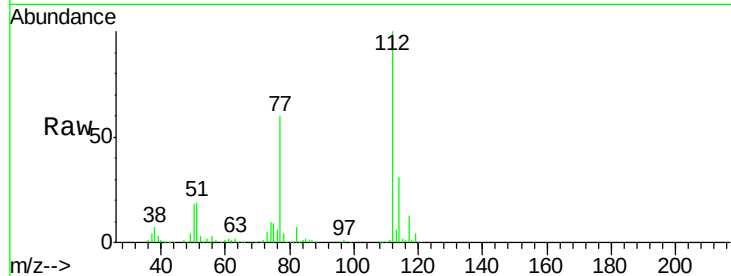
#65
Chlorobenzene
Concen: 21.792 ug/l
RT: 11.53 min Scan# 1606
Delta R.T. 0.01 min
Lab File: VY001416.D
Acq: 29 Jan 2020 12:20

Instrument :
MSVOA_Y
ClientSampleId :
VY0129SBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	30.6	25.8	38.6

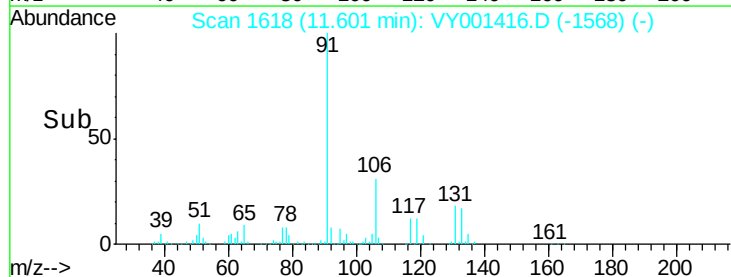
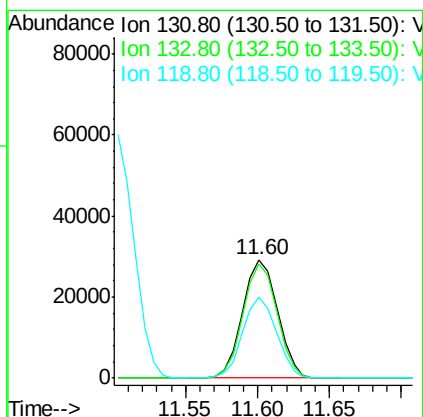
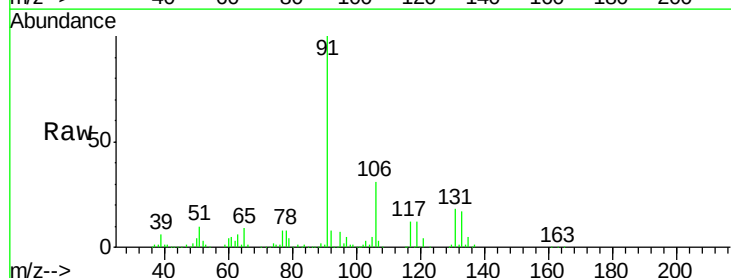
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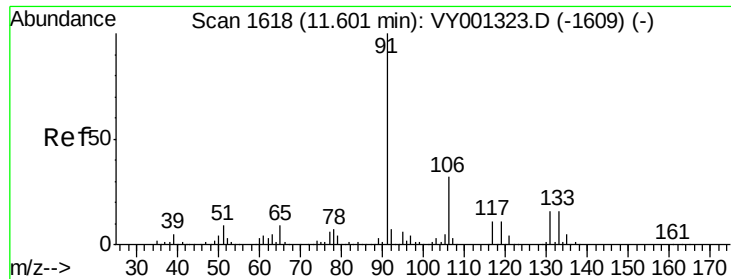
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#66
1,1,1,2-Tetrachloroethane
Concen: 22.176 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. 0.01 min
Lab File: VY001416.D
Acq: 29 Jan 2020 12:20

Tgt Ion	Ratio	Lower	Upper
131	100		
133	93.9	47.1	141.3
119	66.3	34.1	102.2





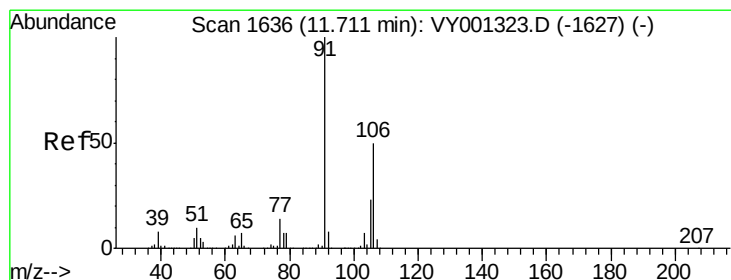
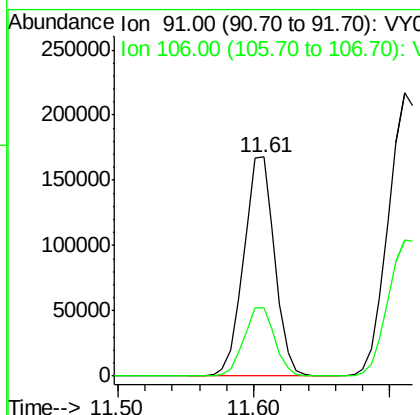
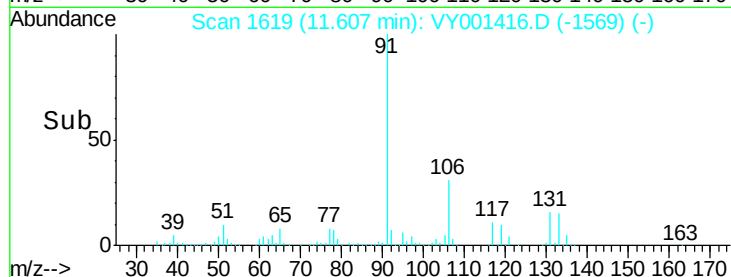
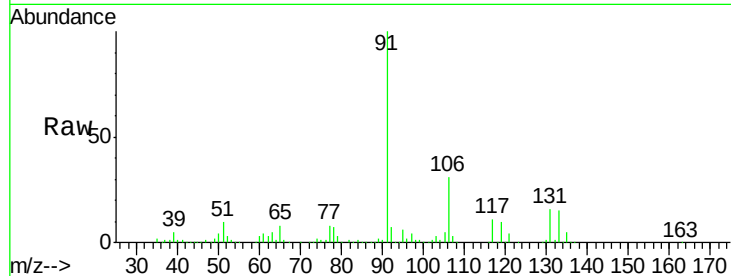
#67
Ethyl Benzene
Concen: 22.251 ug/l
RT: 11.61 min Scan# 1619
Delta R.T. 0.01 min
Lab File: VY001416.D
Acq: 29 Jan 2020 12:20

Instrument :
MSVOA_Y
ClientSampleId :
VY0129SBS01

Tot Ion: 91 Resp: 267009
Ion Ratio Lower Upper
91 100
106 31.4 25.4 38.0

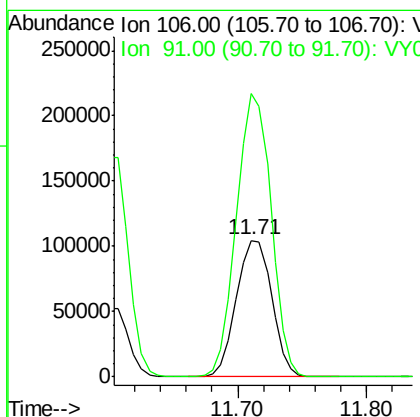
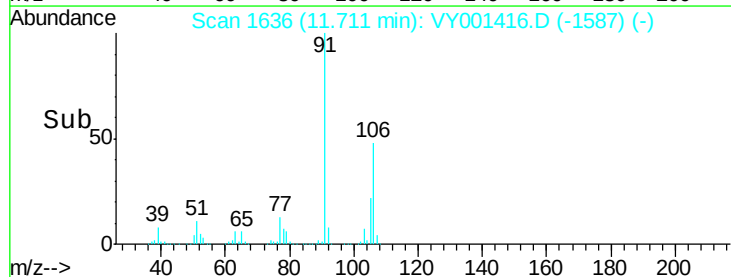
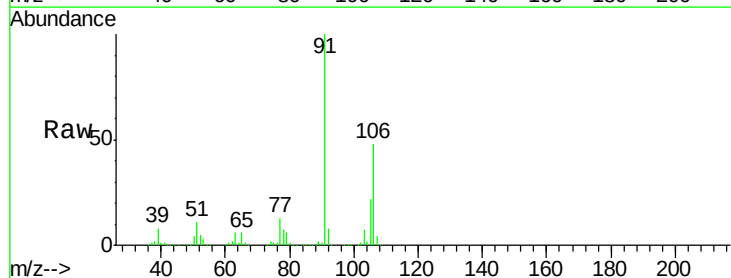
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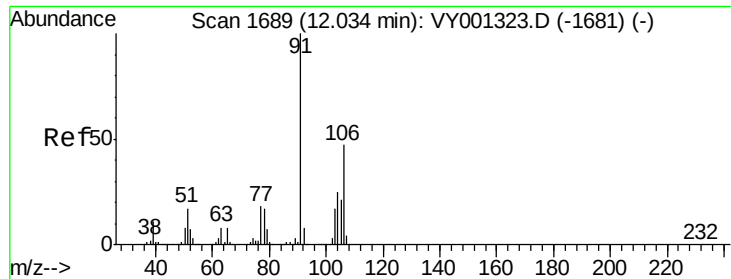
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1/30/2020 10:27:28 AM



#68
m/p-Xylenes
Concen: 44.634 ug/l
RT: 11.71 min Scan# 1636
Delta R.T. -0.00 min
Lab File: VY001416.D
Acq: 29 Jan 2020 12:20

Tgt Ion: 106 Resp: 200039
Ion Ratio Lower Upper
106 100
91 202.8 162.8 244.2





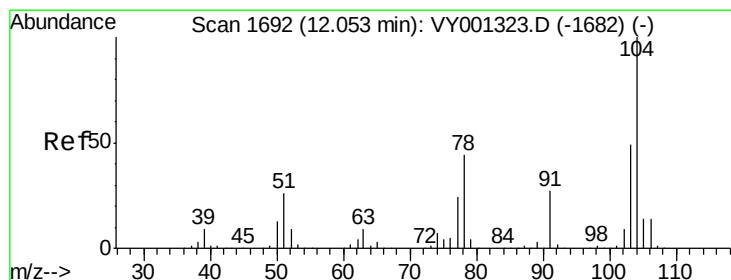
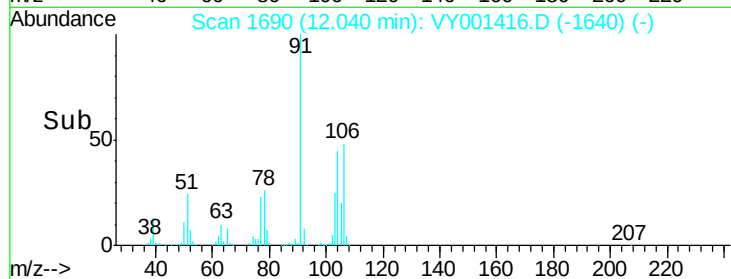
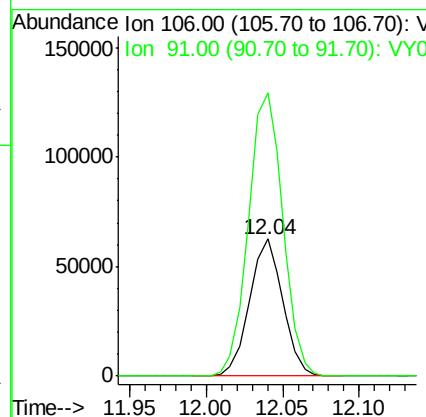
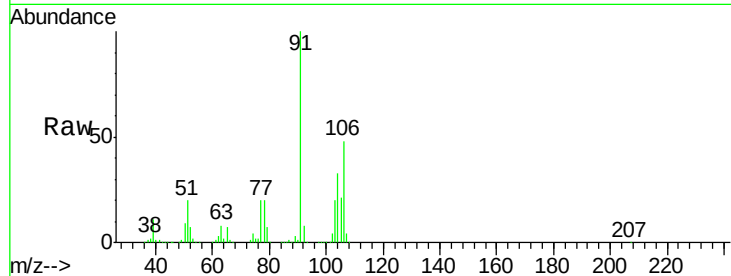
#69
o-Xylene
Concen: 21.979 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.01 min
Lab File: VY001416.D
Acq: 29 Jan 2020 12:20

Instrument :
MSVOA_Y
ClientSampleId :
VY0129SBS01

Tot Ion:106 Resp: 94763
Ion Ratio Lower Upper
106 100
91 213.0 106.3 319.0

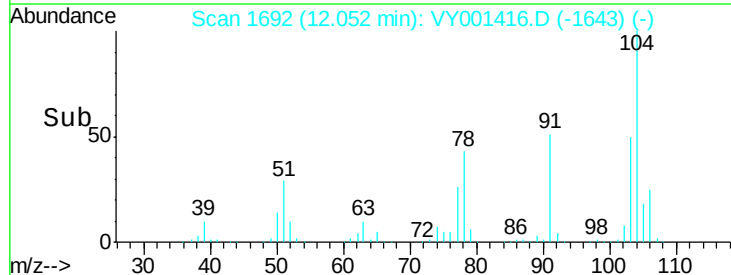
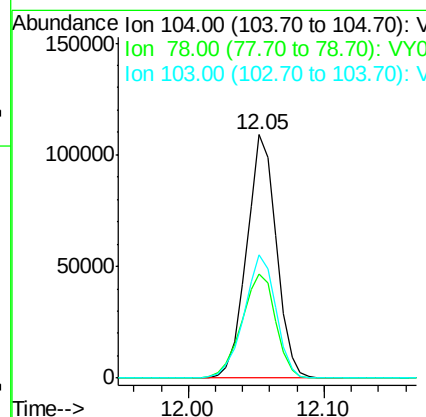
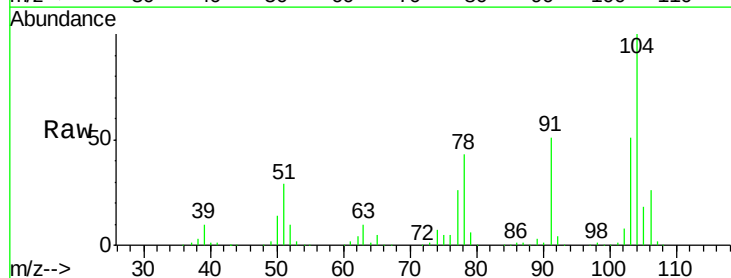
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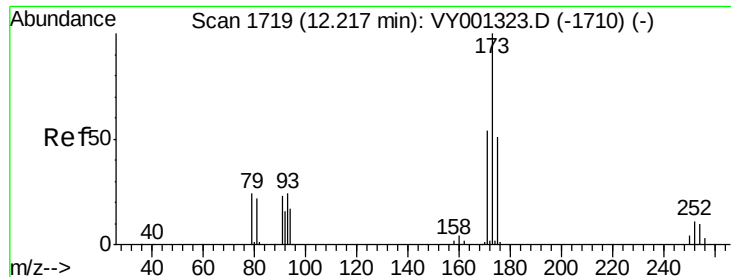
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#70
Styrene
Concen: 22.003 ug/l
RT: 12.05 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VY001416.D
Acq: 29 Jan 2020 12:20

Tgt Ion:104 Resp: 166449
Ion Ratio Lower Upper
104 100
78 48.7 39.8 59.8
103 54.1 43.2 64.8





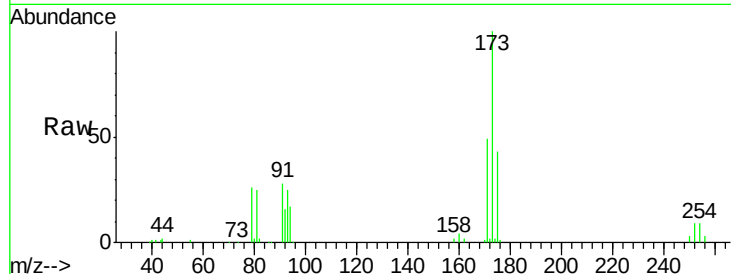
#71
Bromoform
Concen: 20.979 ug/l
RT: 12.22 min Scan# 1719
Delta R.T. -0.00 min
Lab File: VY001416.D
Acq: 29 Jan 2020 12:20

Instrument :
MSVOA_Y
ClientSampleId :
VY0129SBS01

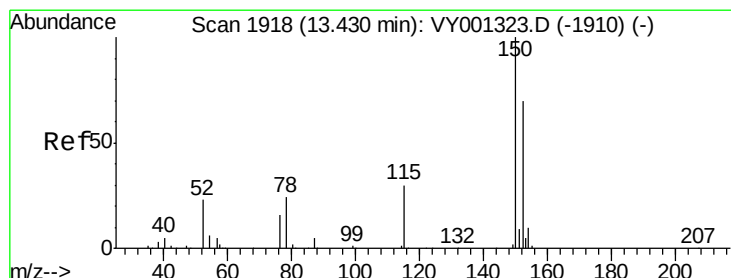
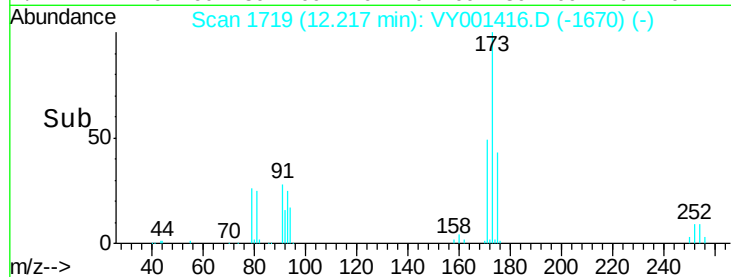
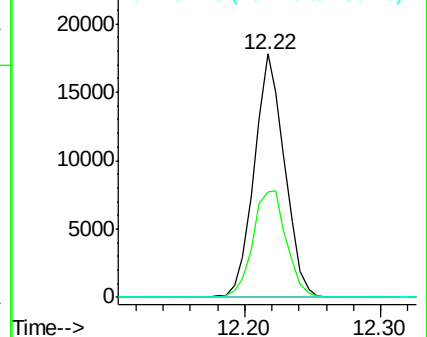
Tot Ion	Ratio	Lower	Upper
173	100		
175	48.3	24.3	72.9
254	0.0	0.0	0.0

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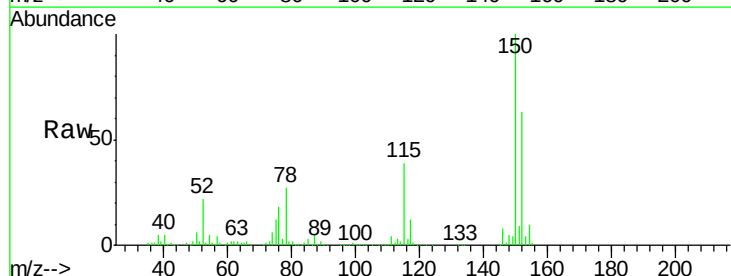


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

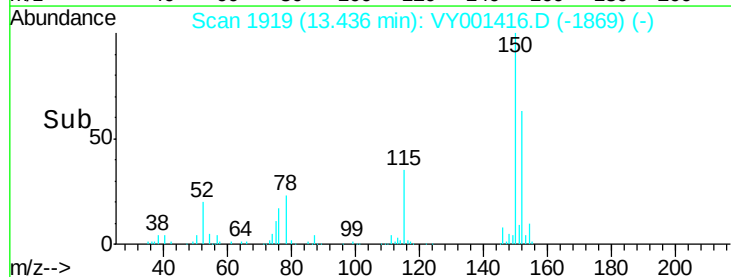
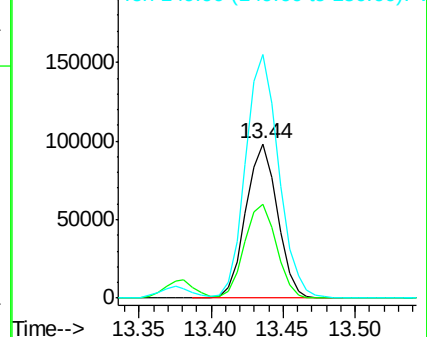


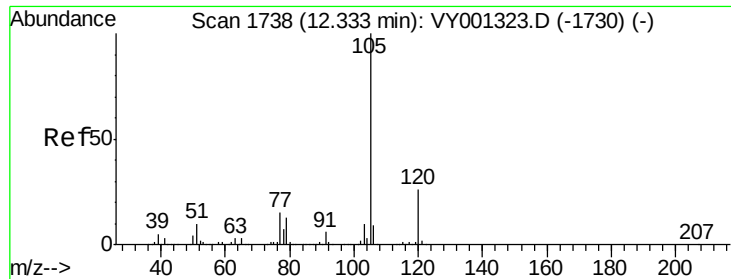
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.01 min
Lab File: VY001416.D
Acq: 29 Jan 2020 12:20

Tgt Ion	Ratio	Lower	Upper
152	100		
115	62.1	30.9	92.8
150	166.1	0.0	349.2



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: 21.988 ug/l

RT: 12.34 min Scan# 1739

Delta R.T. 0.01 min

Lab File: VY001416.D

Acq: 29 Jan 2020 12:20

Instrument :

MSVOA_Y

ClientSampleId :

VY0129SBS01

Tot Ion: 105 Resp: 257940

Ion Ratio Lower Upper

105 100

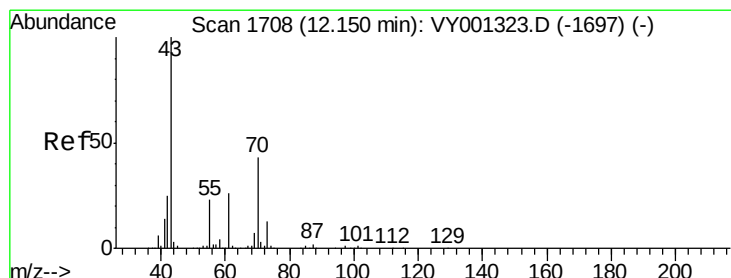
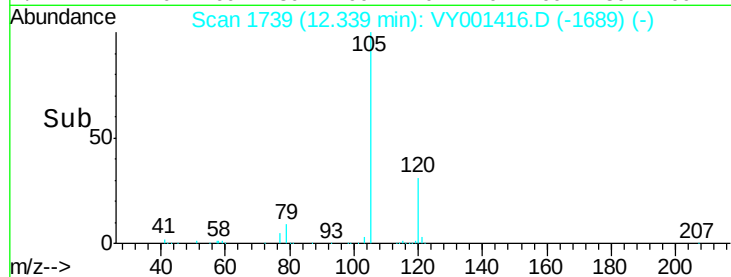
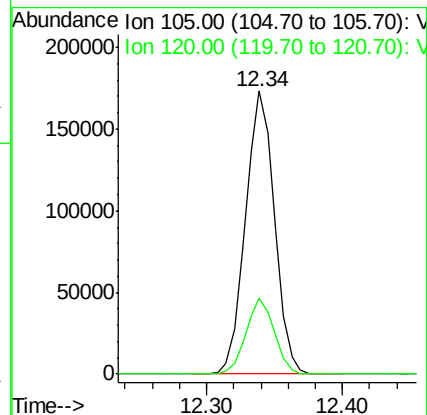
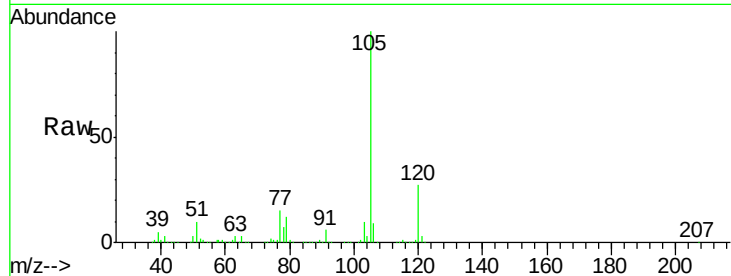
120 26.1 13.5 40.4

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#74

N-ethyl acetate

Concen: 21.460 ug/l

RT: 12.16 min Scan# 1709

Delta R.T. 0.01 min

Lab File: VY001416.D

Acq: 29 Jan 2020 12:20

Tgt Ion: 43 Resp: 82406

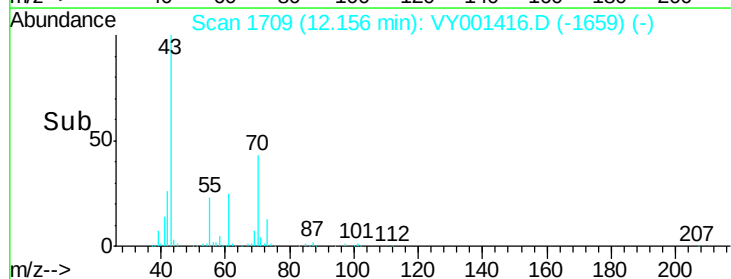
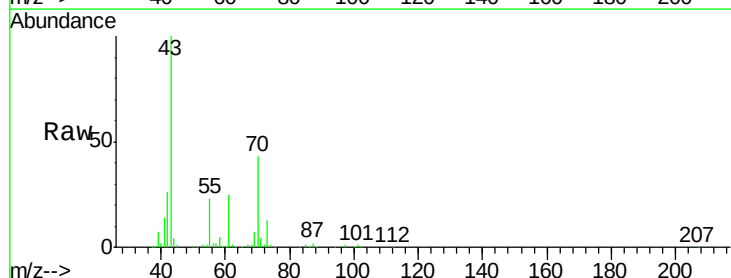
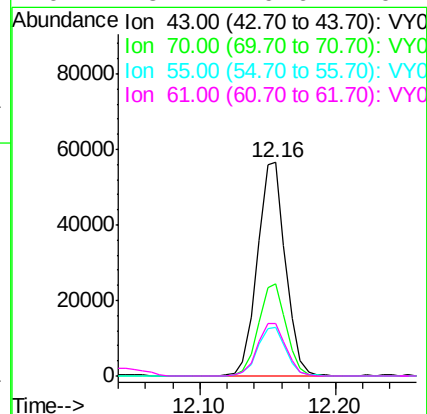
Ion Ratio Lower Upper

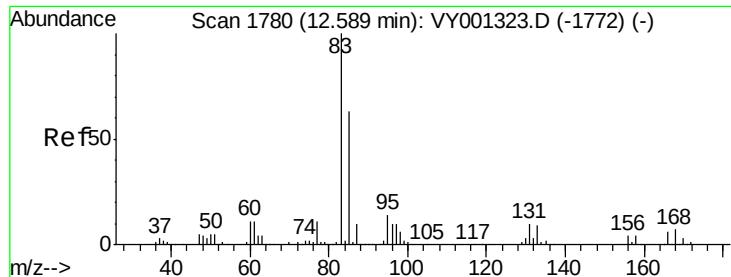
43 100

70 42.4 33.5 50.3

55 23.2 18.2 27.2

61 25.2 19.6 29.4





#75

1,1,2,2-Tetrachloroethane

Concen: 21.617 ug/l

RT: 12.59 min Scan# 1781

Delta R.T. 0.01 min

Lab File: VY001416.D

Acq: 29 Jan 2020 12:20

Instrument :

MSVOA_Y

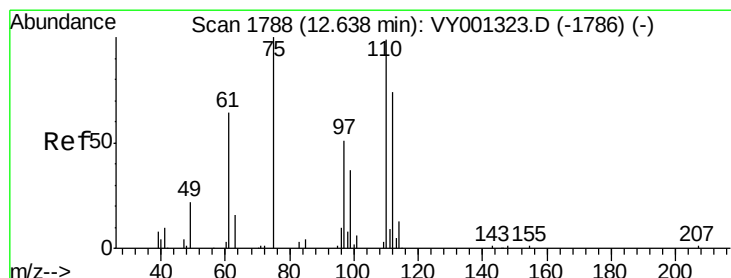
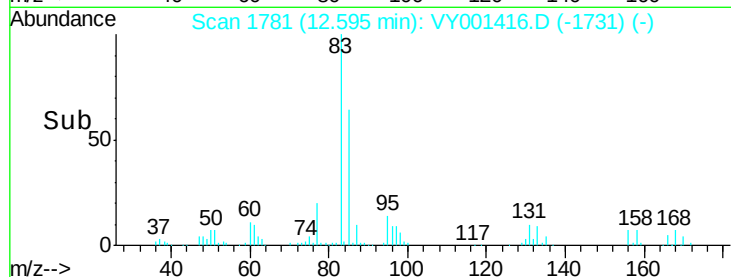
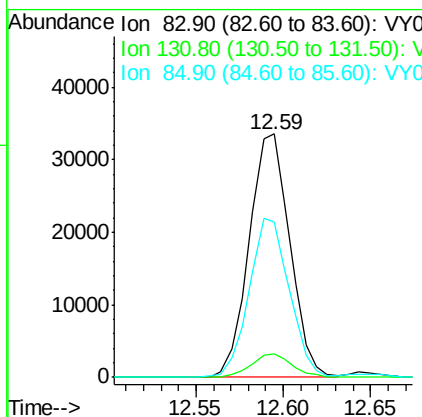
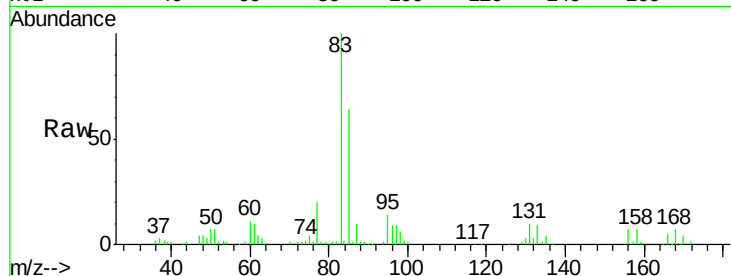
ClientSampleId :

VY0129SBS01

Tot Ion:	83	Resp:	54310
Ion Ratio	Lower	Upper	
83	100		
131	9.9	4.9	14.6
85	64.5	31.4	94.3

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#76

1,2,3-Trichloropropane

Concen: 20.820 ug/l m

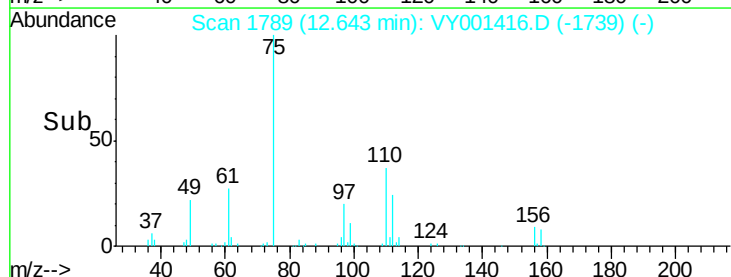
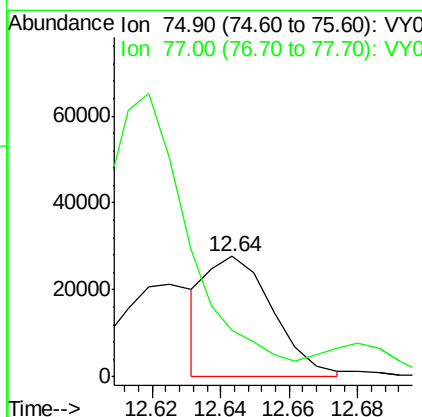
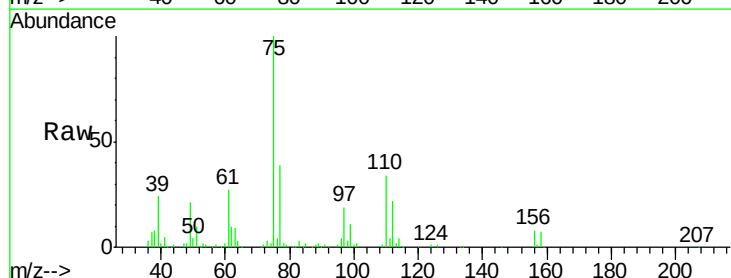
RT: 12.64 min Scan# 1789

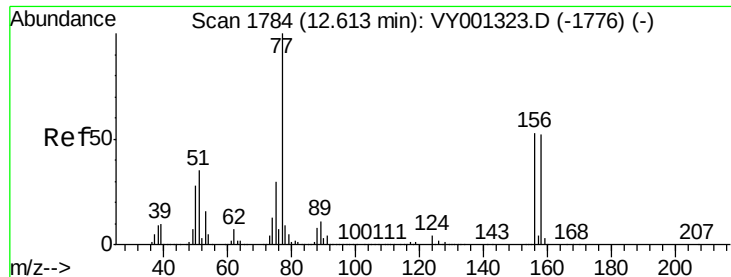
Delta R.T. 0.01 min

Lab File: VY001416.D

Acq: 29 Jan 2020 12:20

Tgt Ion:	75	Resp:	37297
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 21.717 ug/l

RT: 12.62 min Scan# 1785

Delta R.T. 0.01 min

Lab File: VY001416.D

Acq: 29 Jan 2020 12:20

Instrument :

MSVOA_Y

ClientSampleId :

VY0129SBS01

Tot Ion:156 Resp: 56426

Ion Ratio Lower Upper

156 100

77 206.9 104.7 313.9

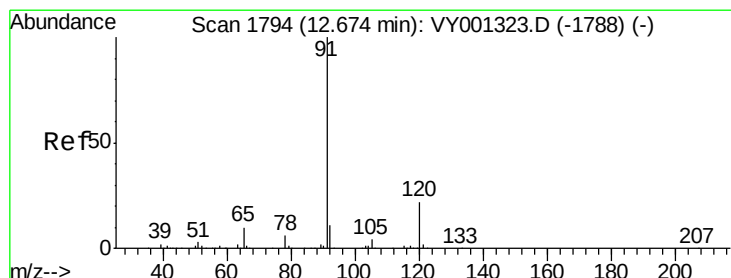
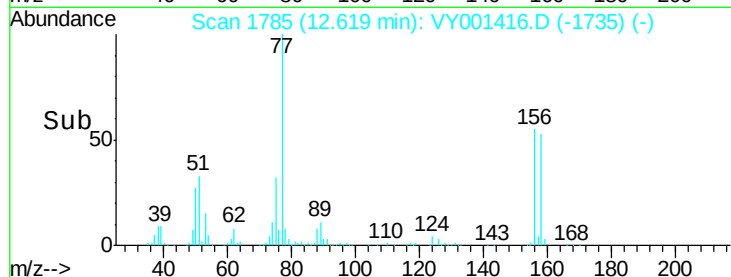
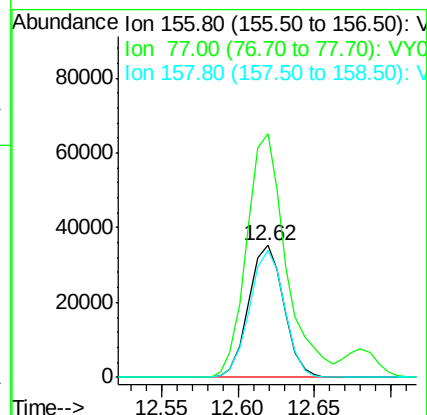
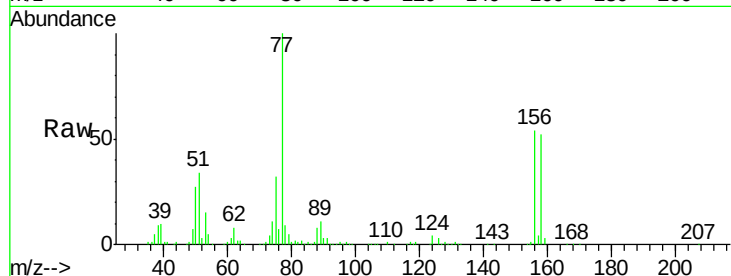
158 95.7 48.6 145.8

Manual Integrations

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#78

n-propylbenzene

Concen: 22.338 ug/l

RT: 12.68 min Scan# 1795

Delta R.T. 0.01 min

Lab File: VY001416.D

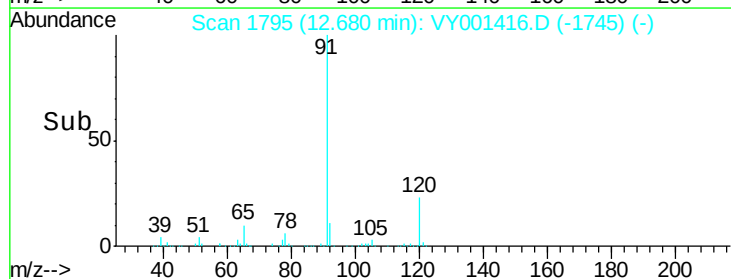
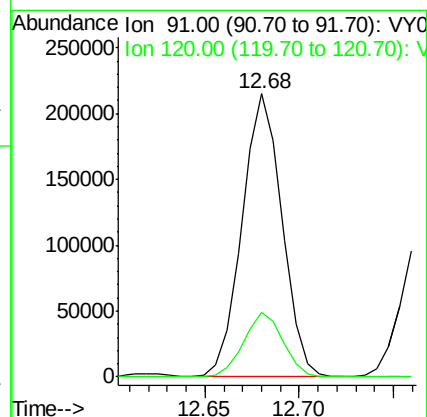
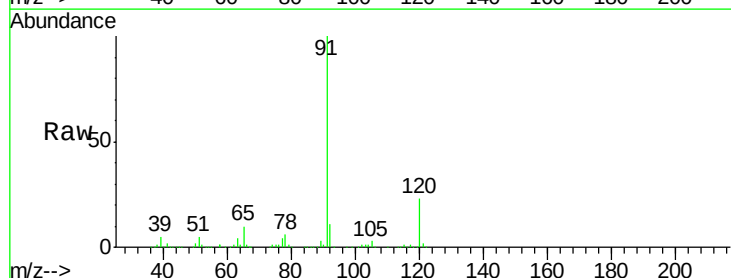
Acq: 29 Jan 2020 12:20

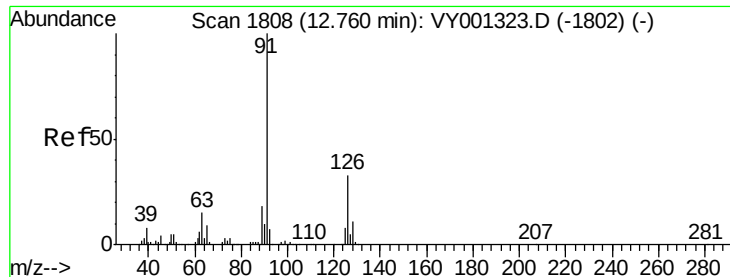
Tgt Ion: 91 Resp: 315404

Ion Ratio Lower Upper

91 100

120 22.6 11.3 33.8





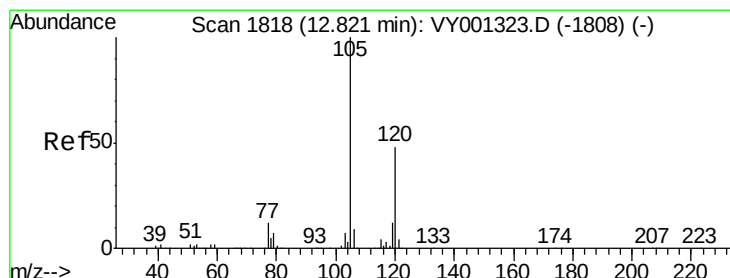
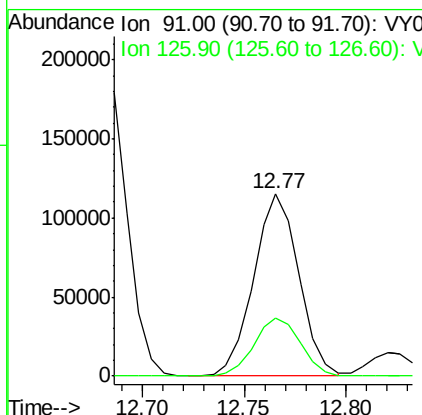
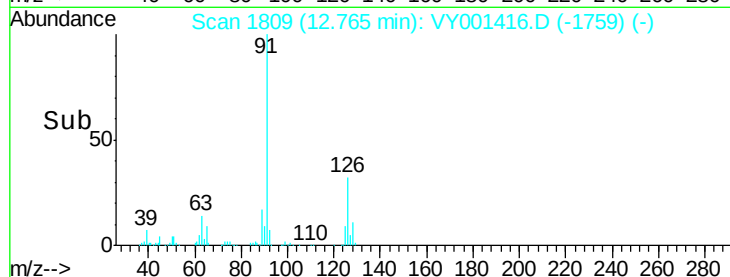
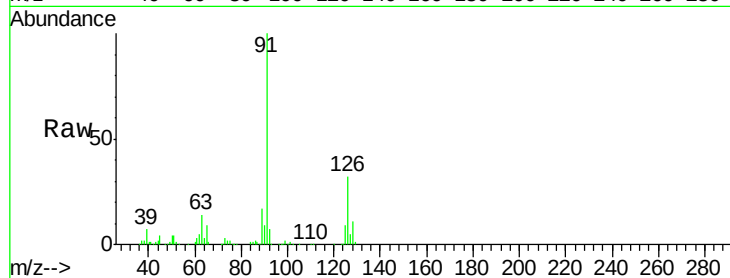
#79
 2-Chlorotoluene
 Concen: 21.942 ug/l
 RT: 12.77 min Scan# 1809
 Delta R.T. 0.01 min
 Lab File: VY001416.D
 Acq: 29 Jan 2020 12:20

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0129SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
126	33.1	16.6	49.7

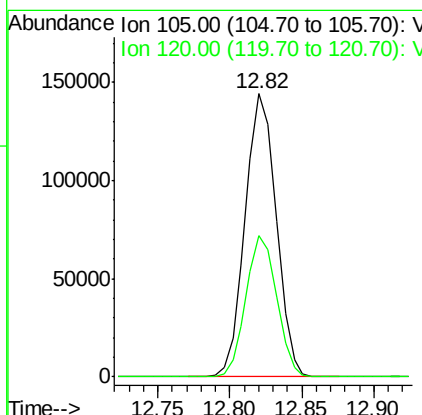
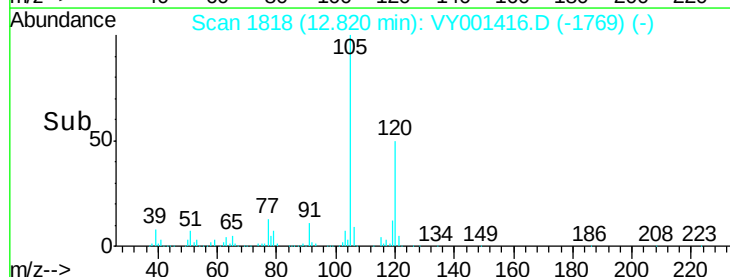
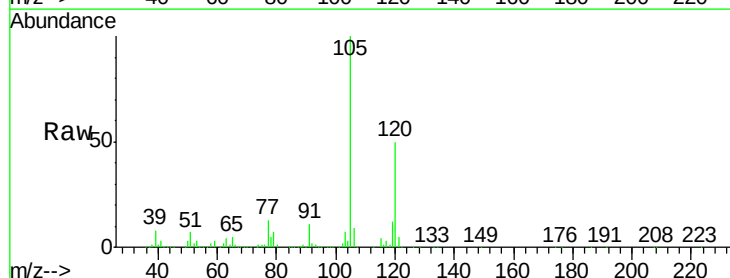
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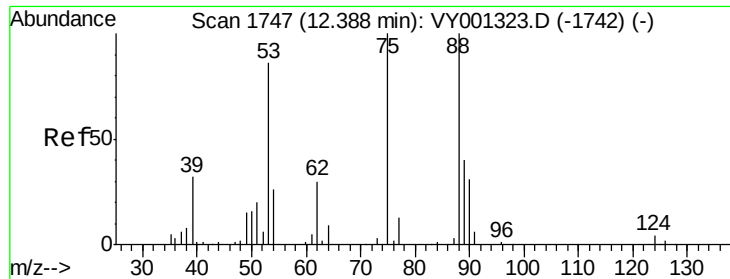
MMDadoda
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#80
 1,3,5-Trimethylbenzene
 Concen: 21.998 ug/l
 RT: 12.82 min Scan# 1818
 Delta R.T. -0.00 min
 Lab File: VY001416.D
 Acq: 29 Jan 2020 12:20

Tgt Ion	Ratio	Lower	Upper
105	100		
120	49.4	24.3	72.9





#81

trans-1,4-Dichloro-2-butene

Concen: 21.330 ug/l

RT: 12.39 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VY001416.D

Acq: 29 Jan 2020 12:20

Instrument :

MSVOA_Y

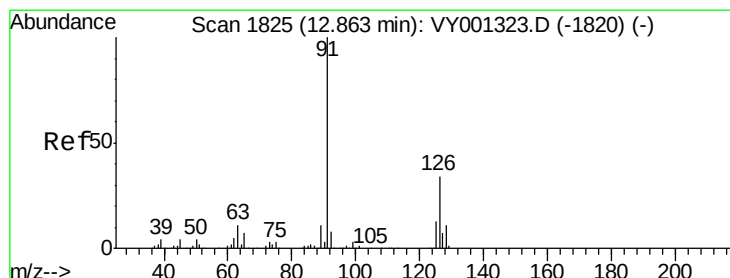
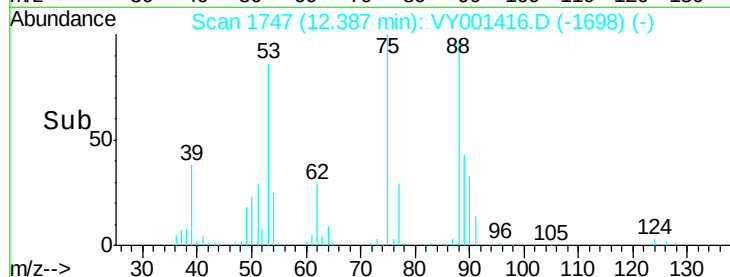
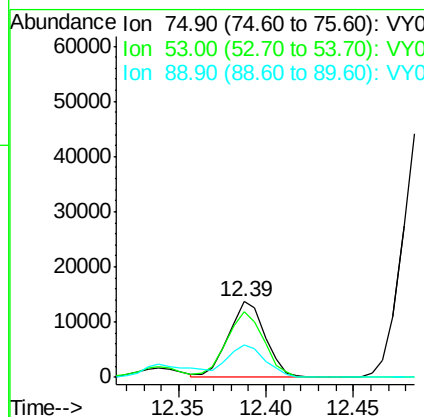
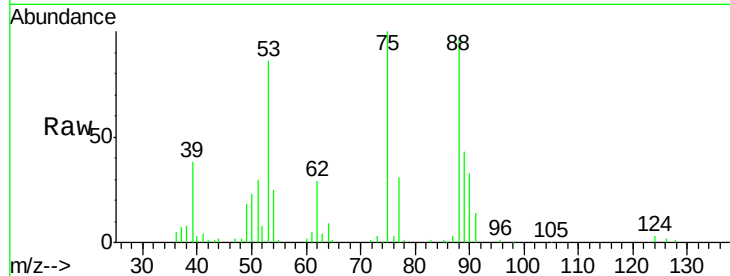
ClientSampleId :

VY0129SBS01

Tot Ion:	75	Resp:	20192
Ion	Ratio	Lower	Upper
75	100		
53	86.5	69.9	104.9
89	42.4	36.6	54.8

Manual Integrations
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#82

4-Chlorotoluene

Concen: 21.716 ug/l

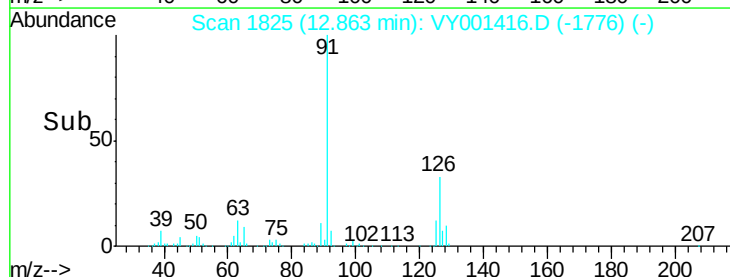
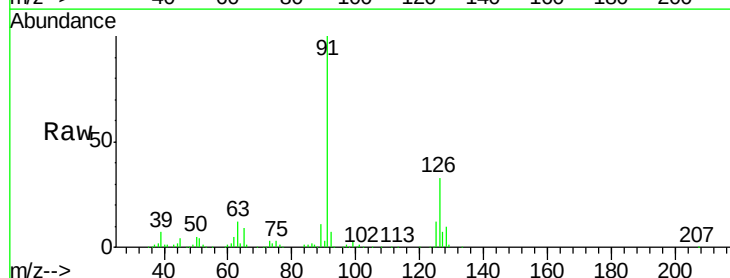
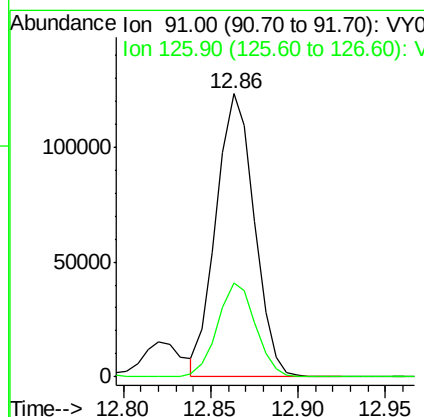
RT: 12.86 min Scan# 1825

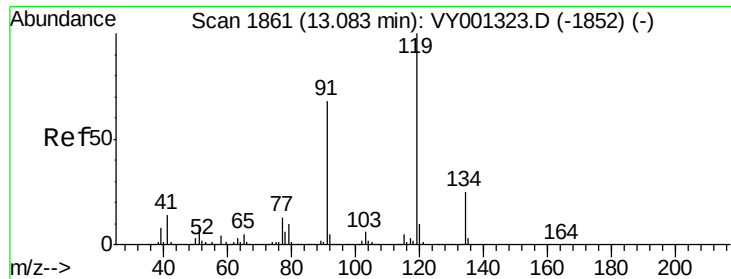
Delta R.T. -0.00 min

Lab File: VY001416.D

Acq: 29 Jan 2020 12:20

Tgt Ion:	91	Resp:	187112
Ion	Ratio	Lower	Upper
91	100		
126	33.1	16.4	49.4





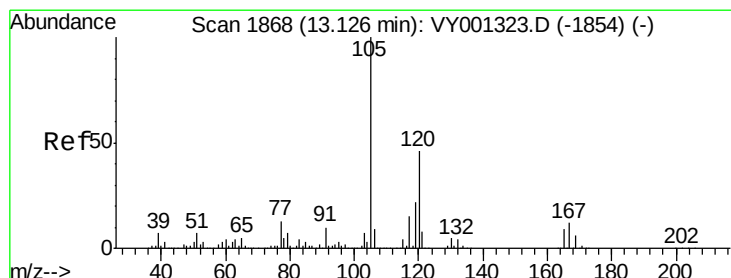
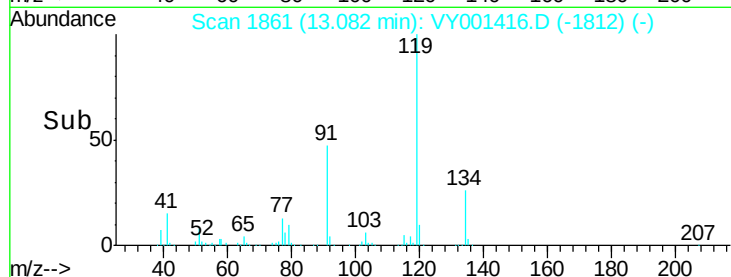
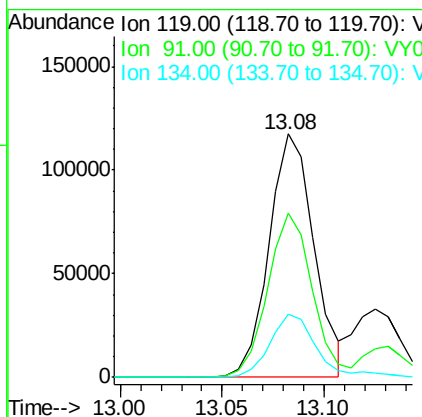
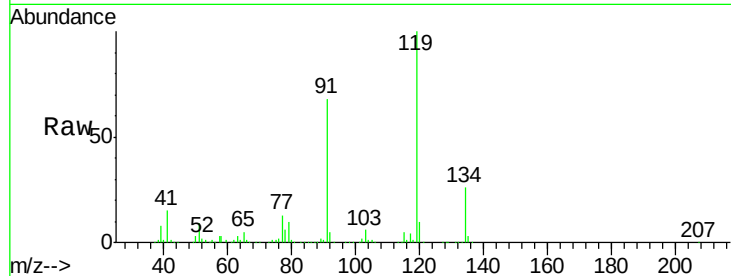
#83
 tert-Butylbenzene
 Concen: 21.890 ug/l
 RT: 13.08 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: VY001416.D
 Acq: 29 Jan 2020 12:20

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0129SBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	66.9	33.0	99.0
134	27.2	13.3	39.9

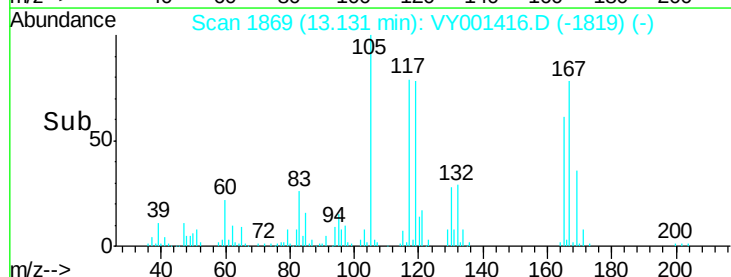
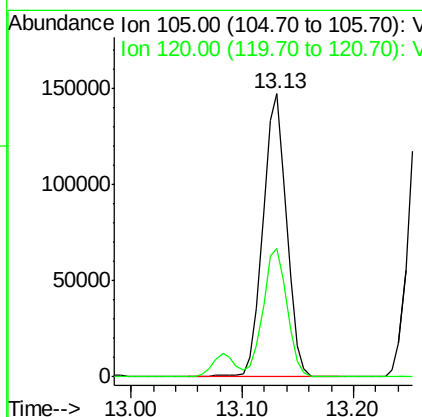
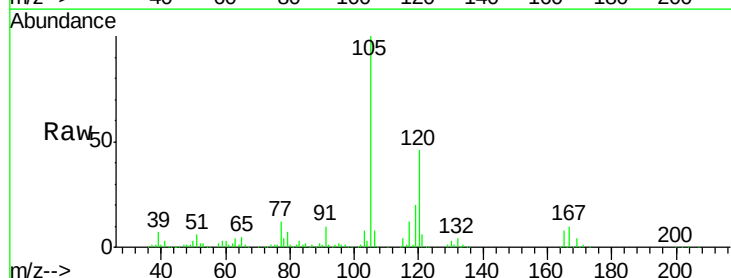
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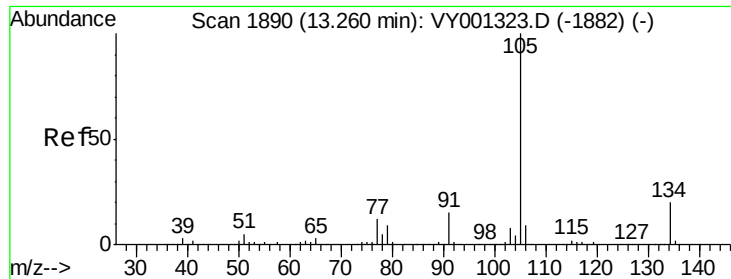
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#84
 1,2,4-Trimethylbenzene
 Concen: 22.179 ug/l
 RT: 13.13 min Scan# 1869
 Delta R.T. 0.01 min
 Lab File: VY001416.D
 Acq: 29 Jan 2020 12:20

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.1	22.4	67.3





#85

sec-Butylbenzene

Concen: 22.731 ug/l

RT: 13.27 min Scan# 1891

Delta R.T. 0.01 min

Lab File: VY001416.D

Acq: 29 Jan 2020 12:20

Instrument :

MSVOA_Y

ClientSampleId :

VY0129SBS01

Tot Ion:105 Resp: 266570

Ion Ratio Lower Upper

105 100

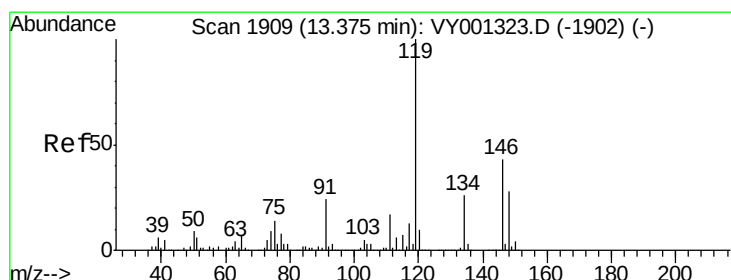
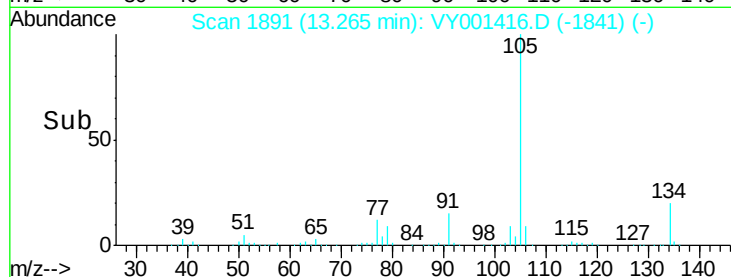
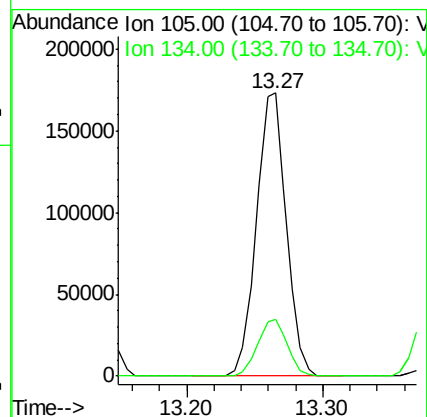
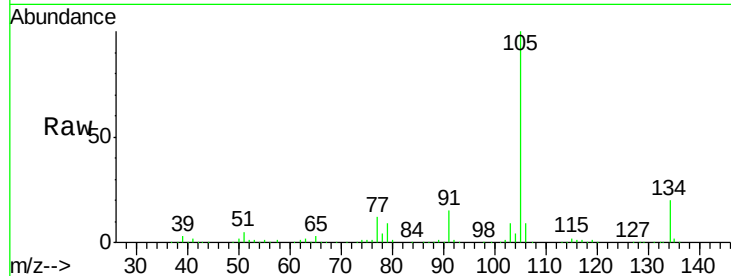
134 20.0 9.8 29.4

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#86

p-Isopropyltoluene

Concen: 22.794 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. -0.00 min

Lab File: VY001416.D

Acq: 29 Jan 2020 12:20

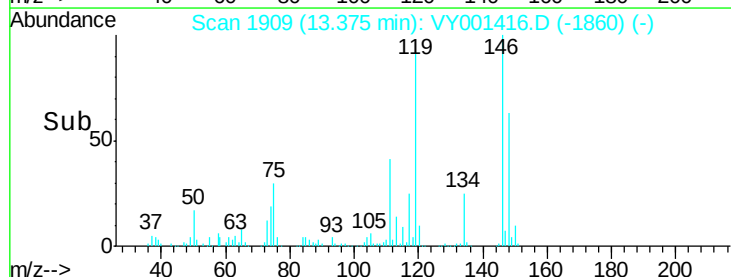
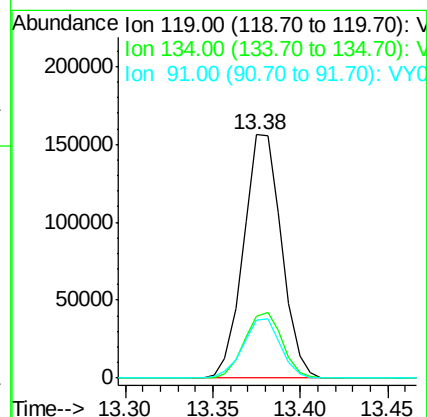
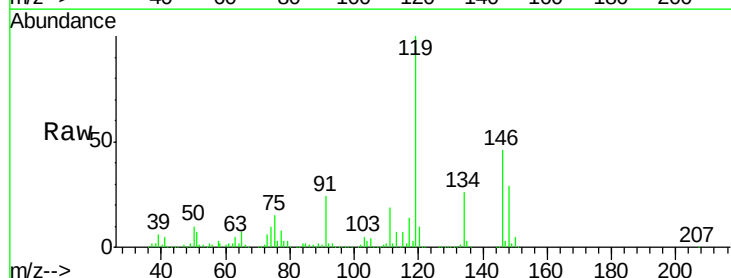
Tgt Ion:119 Resp: 235566

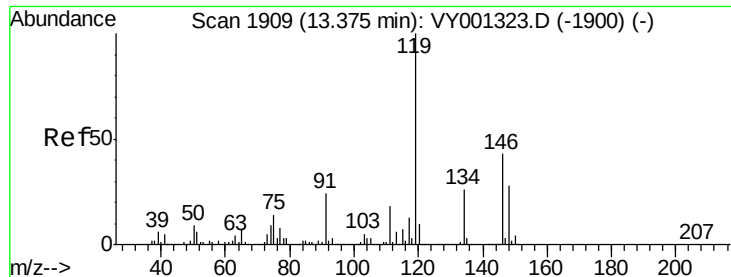
Ion Ratio Lower Upper

119 100

134 26.9 13.5 40.4

91 24.1 12.2 36.6





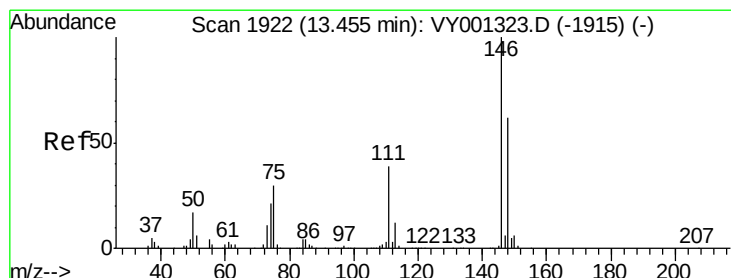
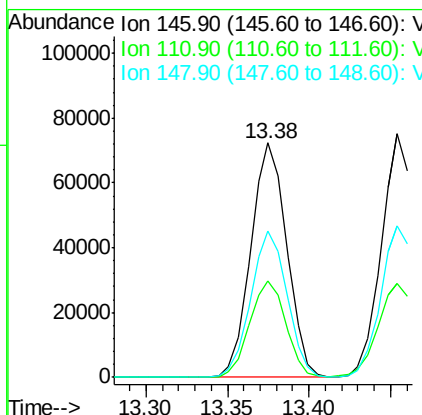
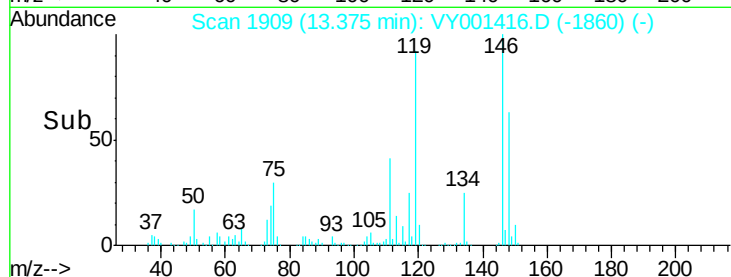
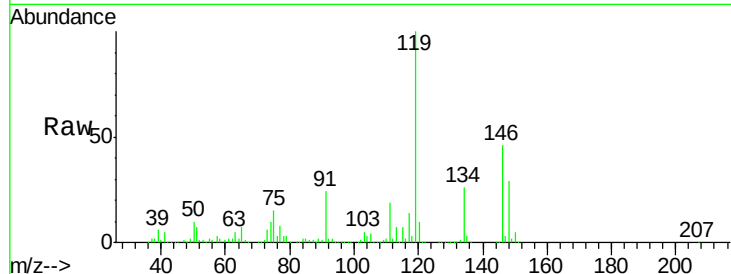
#87
 1,3-Dichlorobenzene
 Concen: 22.206 ug/l
 RT: 13.38 min Scan# 1909
 Delta R.T. -0.00 min
 Lab File: VY001416.D
 Acq: 29 Jan 2020 12:20

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0129SBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100			
111	41.1	20.6	61.8	
148	62.9	31.6	95.0	

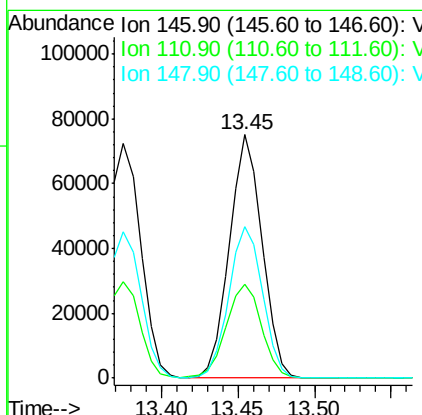
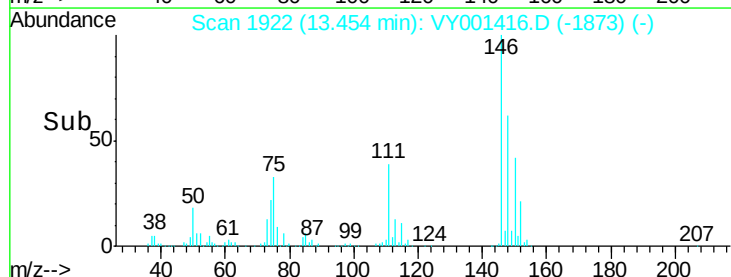
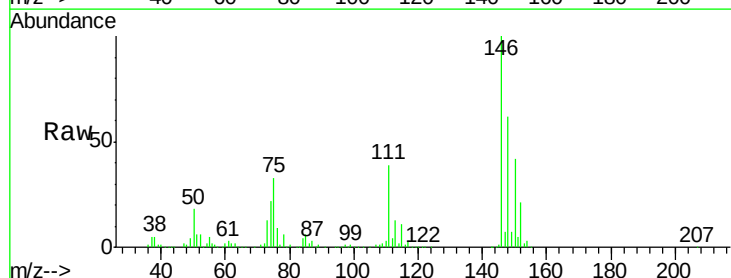
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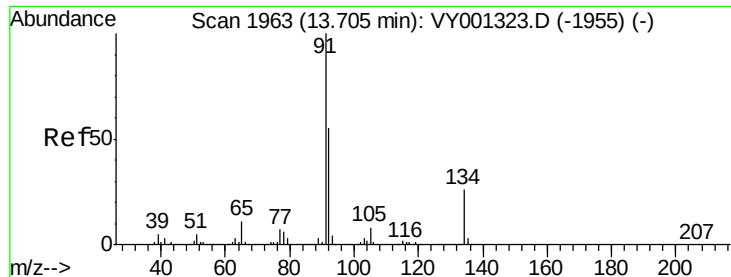
MMDadoda
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#88
 1,4-Dichlorobenzene
 Concen: 21.949 ug/l
 RT: 13.45 min Scan# 1922
 Delta R.T. -0.00 min
 Lab File: VY001416.D
 Acq: 29 Jan 2020 12:20

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
111	41.5	20.5	61.5	
148	64.1	31.6	95.0	





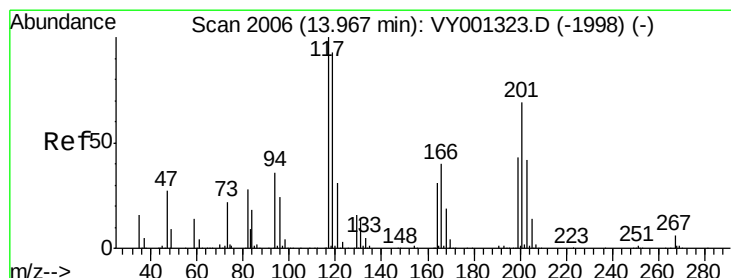
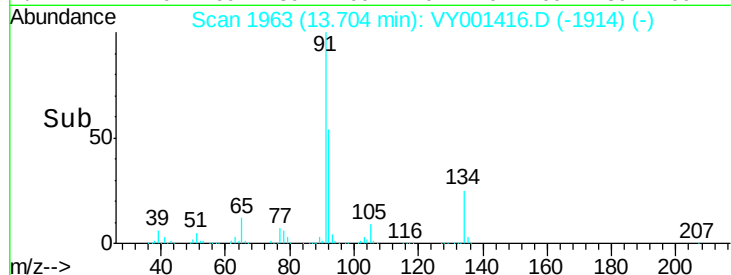
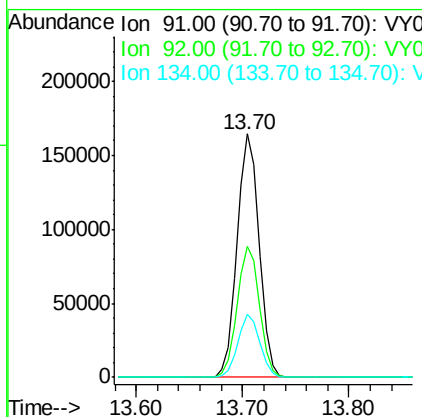
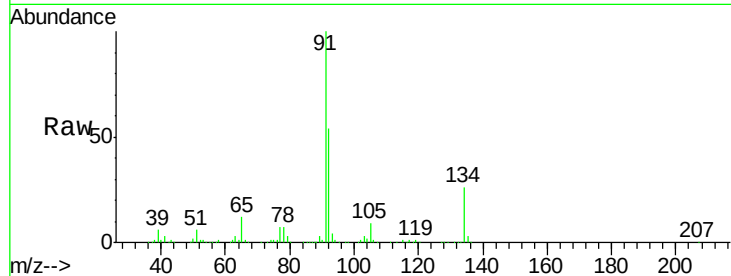
#89
n-Butylbenzene
Concen: 22.988 ug/l
RT: 13.70 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VY001416.D
Acq: 29 Jan 2020 12:20

Instrument :
MSVOA_Y
ClientSampleId :
VY0129SBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	239095		
92	54.3		27.6	82.8
134	25.7		12.9	38.6

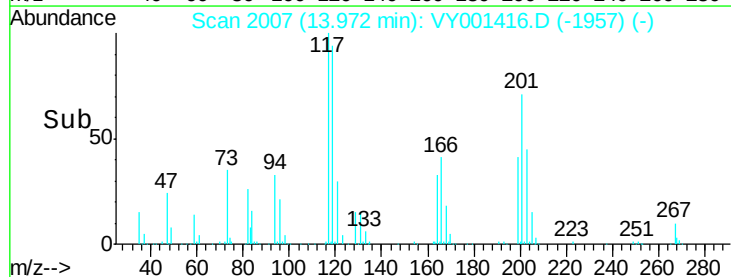
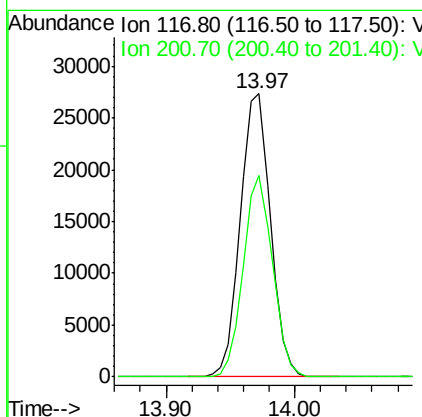
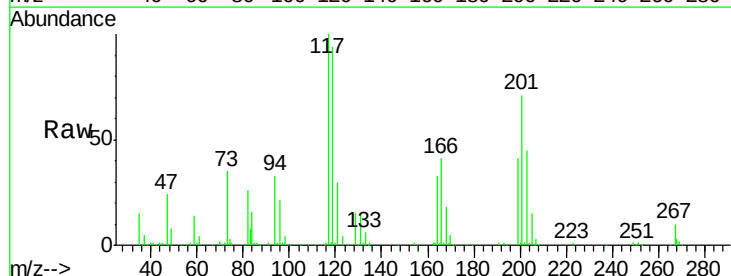
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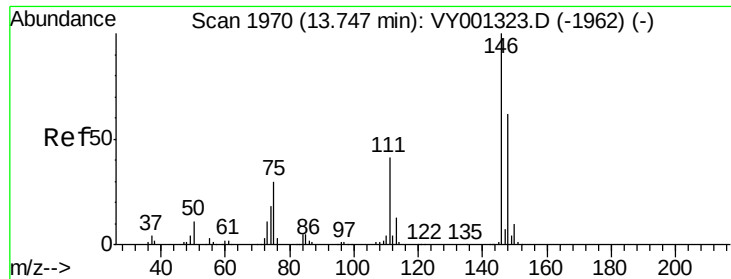
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#90
Hexachloroethane
Concen: 22.534 ug/l
RT: 13.97 min Scan# 2007
Delta R.T. 0.01 min
Lab File: VY001416.D
Acq: 29 Jan 2020 12:20

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	44142		
201	69.2		34.6	103.8





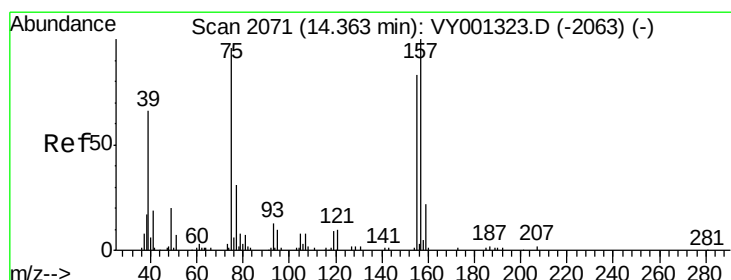
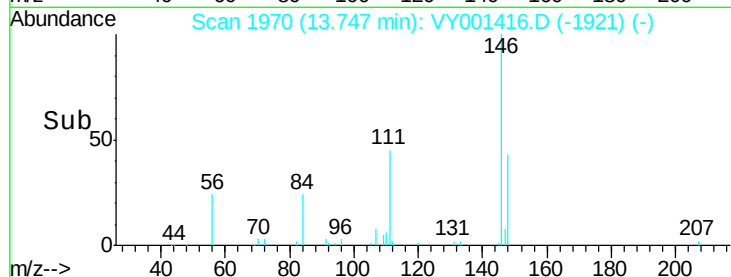
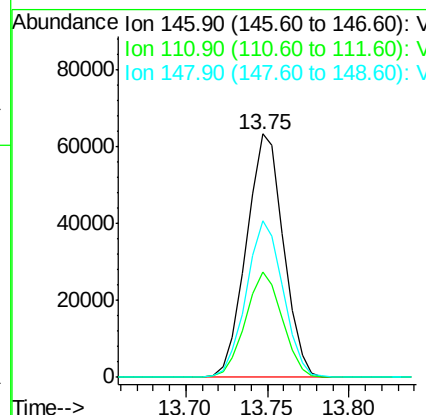
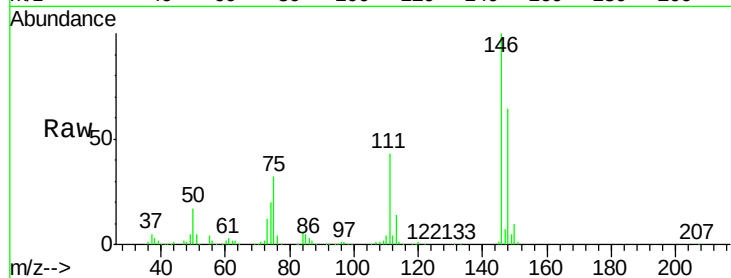
#91
 1,2-Dichlorobenzene
 Concen: 21.731 ug/l
 RT: 13.75 min Scan# 1970
 Delta R.T. -0.00 min
 Lab File: VY001416.D
 Acq: 29 Jan 2020 12:20

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0129SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.9	21.1	63.4
148	63.9	31.5	94.5

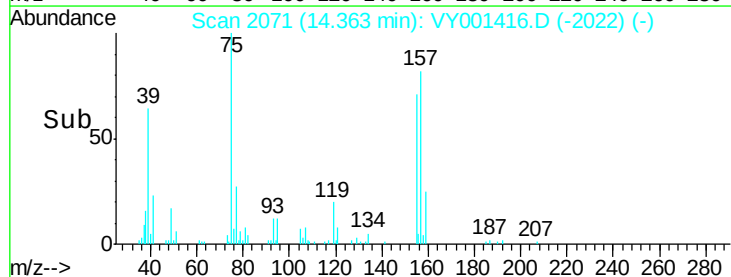
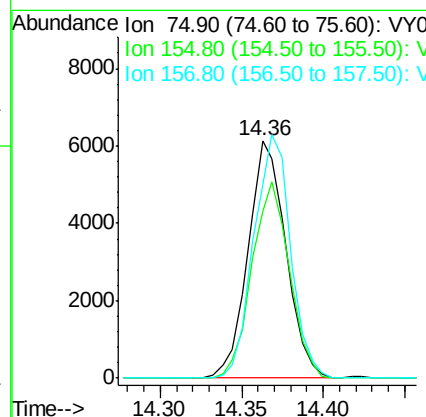
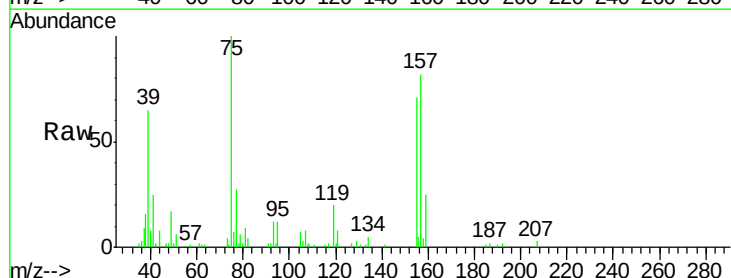
Manual Integrations
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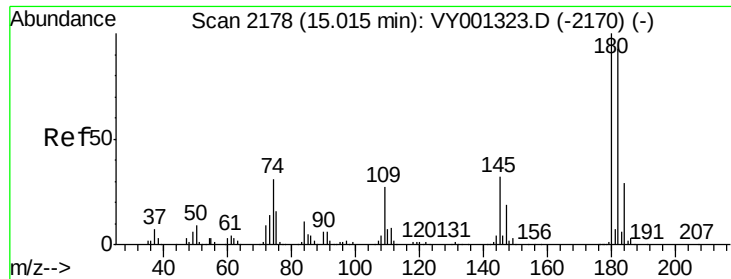
MMDadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 22.790 ug/l
 RT: 14.36 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VY001416.D
 Acq: 29 Jan 2020 12:20

Tgt Ion	Ratio	Lower	Upper
75	100		
155	81.6	43.0	129.2
157	99.2	53.3	160.0





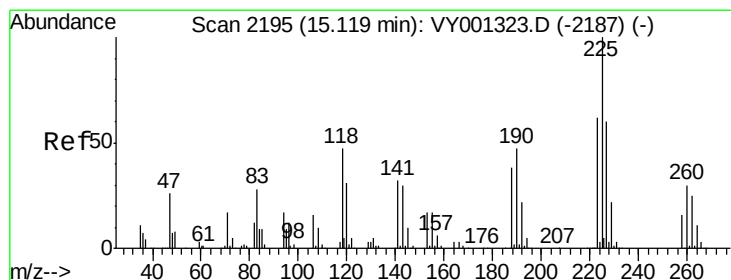
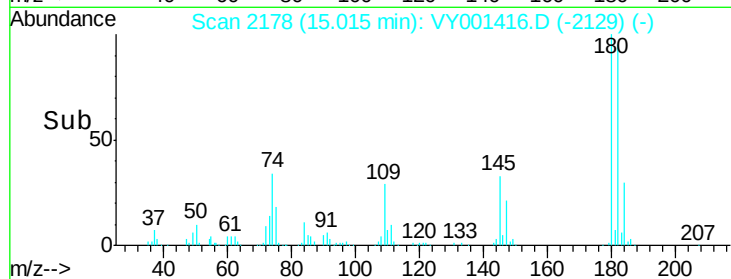
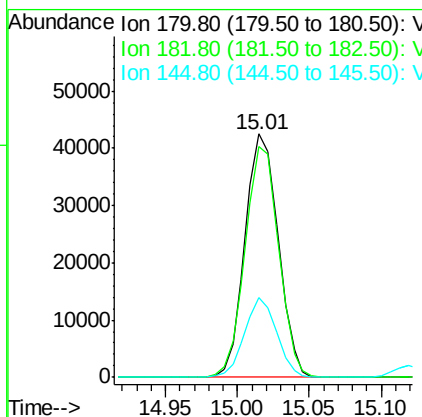
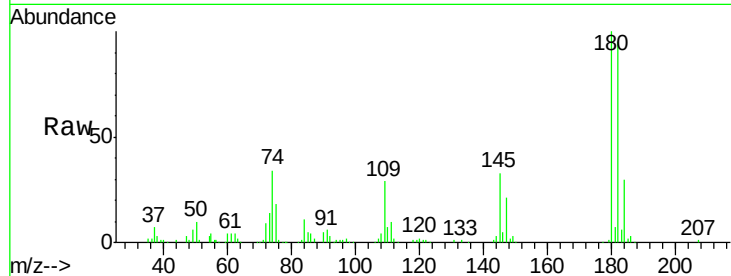
#93
 1,2,4-Trichlorobenzene
 Concen: 21.947 ug/l
 RT: 15.01 min Scan# 2178
 Delta R.T. -0.00 min
 Lab File: VY001416.D
 Acq: 29 Jan 2020 12:20

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0129SBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.5	47.6	142.8
145	31.5	16.3	48.9

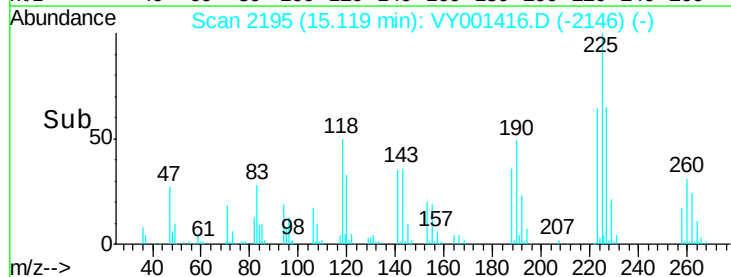
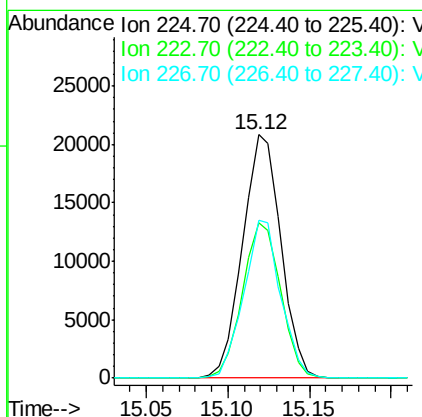
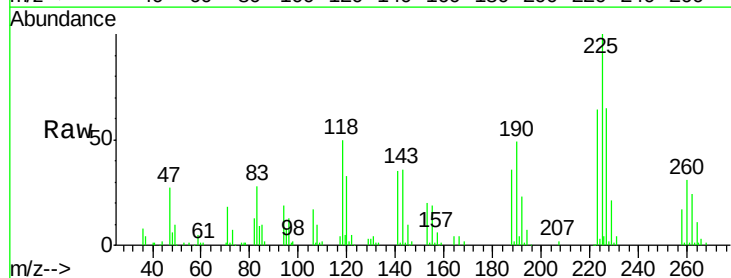
Manual Integrations
 APPROVED

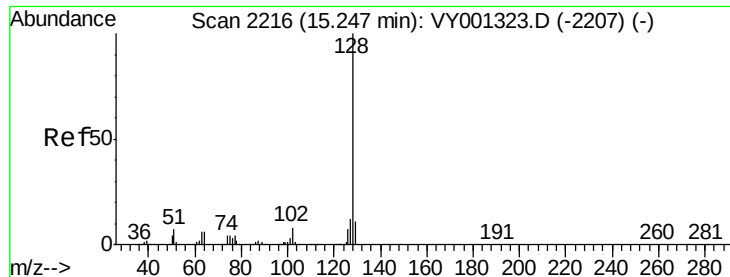
MMDadoda
 1/30/2020 10:27:28 AM



#94
 Hexachlorobutadiene
 Concen: 22.645 ug/l
 RT: 15.12 min Scan# 2195
 Delta R.T. -0.00 min
 Lab File: VY001416.D
 Acq: 29 Jan 2020 12:20

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.5	31.2	93.6
227	62.6	31.0	93.0





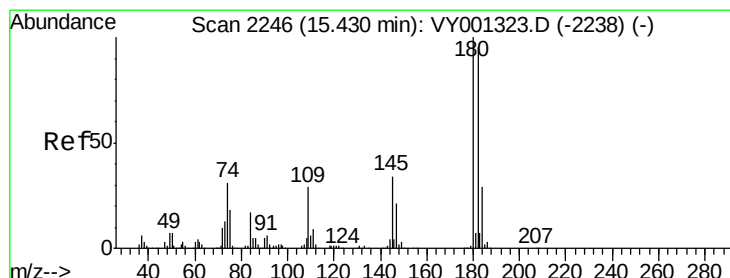
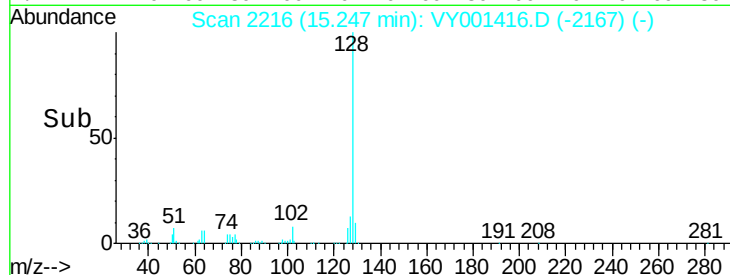
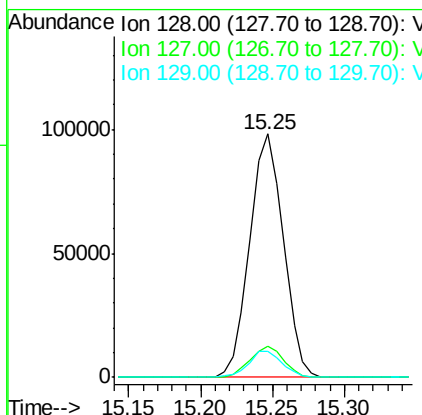
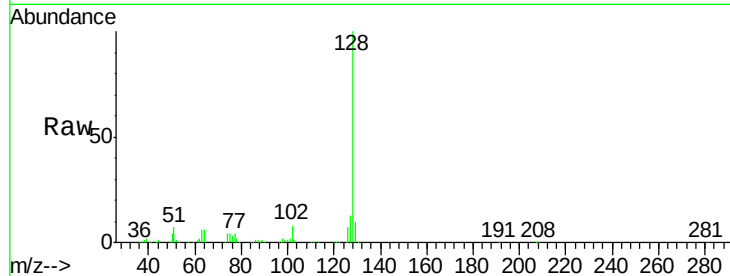
#95
Naphthalene
Concen: 22.442 ug/l
RT: 15.25 min Scan# 2216
Delta R.T. -0.00 min
Lab File: VY001416.D
Acq: 29 Jan 2020 12:20

Instrument :
MSVOA_Y
ClientSampleId :
VY0129SBS01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	158945		
127	12.7		10.2	15.2
129	10.7		8.7	13.1

Manual Integrations
APPROVED

MMDadoda
1/30/2020 10:27:28 AM



#96
1,2,3-Trichlorobenzene
Concen: 22.281 ug/l
RT: 15.44 min Scan# 2247
Delta R.T. 0.01 min
Lab File: VY001416.D
Acq: 29 Jan 2020 12:20

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	60538		
182	93.4		47.3	141.8
145	33.8		16.8	50.3

