

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY032420\
 Data File : VY002043.D
 Acq On : 24 Mar 2020 12:28
 Operator : SY/MD
 Sample : VY0324SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0324SBS01

Manual Integrations
 APPROVED

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 3/26/2020 2:14:45 PM

Quant Time: Mar 24 19:16:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 05 04:05:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	153915	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.70	114	278265	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.49	117	251928	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.43	152	118780	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.16	65	83552	50.85	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	101.70%	
35) Dibromofluoromethane	7.73	113	78174	51.45	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	102.90%	
50) Toluene-d8	10.19	98	308402	48.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.26%	
62) 4-Bromofluorobenzene	12.49	95	112882	50.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	26551	18.688	ug/l	95
3) Chloromethane	2.12	50	37782	19.724	ug/l	99
4) Vinyl Chloride	2.26	62	38171	19.591	ug/l	91
5) Bromomethane	2.65	94	24591	17.845	ug/l	99
6) Chloroethane	2.80	64	24447	19.974	ug/l	93
7) Trichlorofluoromethane	3.14	101	54434	20.600	ug/l	98
8) Diethyl Ether	3.55	74	23035	22.118	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.91	101	36287	21.351	ug/l	99
10) Methyl Iodide	4.10	142	38898	19.791	ug/l	99
11) Tert butyl alcohol	4.98	59	19363	99.659	ug/l	98
12) 1,1-Dichloroethene	3.88	96	36305	21.215	ug/l	92
13) Acrolein	3.74	56	18149	78.601	ug/l	99
14) Allyl chloride	4.49	41	64486	21.256	ug/l	99
15) Acrylonitrile	5.19	53	65814	118.262	ug/l	99
16) Acetone	3.97	43	55121	115.176	ug/l	98
17) Carbon Disulfide	4.21	76	107870	18.751	ug/l	98
18) Methyl Acetate	4.49	43	29383	23.895	ug/l	98
19) Methyl tert-butyl Ether	5.24	73	106385	22.941	ug/l	99
20) Methylene Chloride	4.74	84	45447	22.157	ug/l	98
21) trans-1,2-Dichloroethene	5.24	96	40182	20.688	ug/l	96
22) Diisopropyl ether	6.13	45	137356	22.088	ug/l	98
23) Vinyl Acetate	6.08	43	457457	112.212	ug/l	98
24) 1,1-Dichloroethane	6.04	63	72040	21.392	ug/l	98
25) 2-Butanone	7.00	43	84136	115.604	ug/l	97
26) 2,2-Dichloropropane	7.00	77	59496	21.525	ug/l	99
27) cis-1,2-Dichloroethene	7.00	96	46099	21.819	ug/l	99
28) Bromochloromethane	7.35	49	34300	22.597	ug/l	100
29) Tetrahydrofuran	7.36	42	57010	117.960	ug/l	99
30) Chloroform	7.52	83	68698	21.713	ug/l	95
31) Cyclohexane	7.80	56	73240	20.284	ug/l	98
32) 1,1,1-Trichloroethane	7.71	97	58164	21.811	ug/l	97
36) 1,1-Dichloropropene	7.93	75	56302	21.026	ug/l	100
37) Ethyl Acetate	7.09	43	36106	23.200	ug/l	99
38) Carbon Tetrachloride	7.91	117	50303	21.991	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	73650	20.737	ug/l	96
40) Benzene	8.17	78	168254	21.199	ug/l	99
41) Methacrylonitrile	7.35	41	24711m	35.281	ug/l	
42) 1,2-Dichloroethane	8.25	62	45914	22.450	ug/l	100
43) Isopropyl Acetate	8.28	43	68002	23.079	ug/l	99
44) Trichloroethene	8.94	130	40727	21.070	ug/l	98
45) 1,2-Dichloropropane	9.22	63	43238	21.671	ug/l	100
46) Dibromomethane	9.31	93	23422	22.780	ug/l	98
47) Bromodichloromethane	9.50	83	53823	22.504	ug/l	97
48) Methyl methacrylate	9.30	41	29494	22.558	ug/l	95
49) 1,4-Dioxane	9.31	88	6560	465.629	ug/l	94
51) 4-Methyl-2-Pentanone	10.08	43	178008	117.290	ug/l	100
52) Toluene	10.25	92	102173	21.191	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	58689	22.523	ug/l	94
54) cis-1,3-Dichloropropene	9.94	75	68067	21.943	ug/l	98
55) 1,1,2-Trichloroethane	10.65	97	33777	22.447	ug/l	97
56) Ethyl methacrylate	10.52	69	49639	22.507	ug/l	95
57) 1,3-Dichloropropane	10.80	76	60082	22.400	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.79	63	131846	159.348	ug/l	99
59) 2-Hexanone	10.84	43	129847	119.868	ug/l	100
60) Dibromochloromethane	10.99	129	36315	22.904	ug/l	97
61) 1,2-Dibromoethane	11.10	107	32755	22.981	ug/l	100
64) Tetrachloroethene	10.72	164	34534	21.859	ug/l	93
65) Chlorobenzene	11.52	112	106452	21.207	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.60	131	36188	21.984	ug/l	98
67) Ethyl Benzene	11.60	91	195888	20.924	ug/l	98
68) m/p-Xylenes	11.70	106	146892	42.440	ug/l	99
69) o-Xylene	12.03	106	71041	21.777	ug/l	97
70) Styrene	12.05	104	119882	21.456	ug/l	100
71) Bromoform	12.21	173	20682	23.167	ug/l #	98
73) Isopropylbenzene	12.33	105	188529	20.792	ug/l	100
74) N-amyl acetate	12.14	43	61978	22.240	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.59	83	43361	22.176	ug/l	100
76) 1,2,3-Trichloropropane	12.64	75	29674m	21.054	ug/l	
77) Bromobenzene	12.61	156	42511	22.129	ug/l	94
78) n-propylbenzene	12.67	91	232189	20.756	ug/l	99
79) 2-Chlorotoluene	12.76	91	128119	20.730	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	156799	21.006	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	15478	22.183	ug/l	97
82) 4-Chlorotoluene	12.86	91	135742	21.095	ug/l	99
83) tert-Butylbenzene	13.08	119	130443	21.039	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	156960	21.188	ug/l	98
85) sec-Butylbenzene	13.26	105	195171	21.357	ug/l	99
86) p-Isopropyltoluene	13.38	119	170174	21.587	ug/l	100
87) 1,3-Dichlorobenzene	13.37	146	80470	21.376	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	81135	21.245	ug/l	98
89) n-Butylbenzene	13.70	91	173429	21.205	ug/l	99
90) Hexachloroethane	13.97	117	31509	21.187	ug/l	98
91) 1,2-Dichlorobenzene	13.74	146	74286	21.721	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	7054	23.119	ug/l	95

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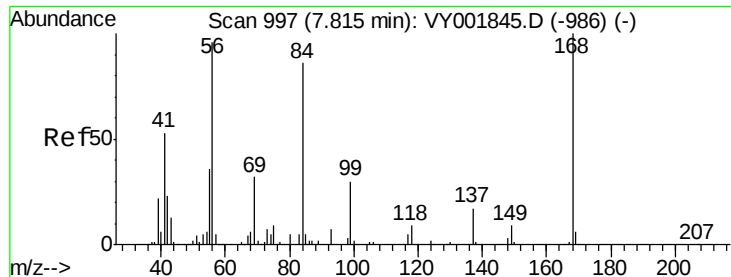
Manual Integrations
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	48510	21.872	ug/l	98
94) Hexachlorobutadiene	15.12	225	23252	21.503	ug/l	97
95) Naphthalene	15.24	128	116983	22.236	ug/l	100
96) 1,2,3-Trichlorobenzene	15.43	180	43990	22.514	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.01 min

Lab File: VY002043.D

Acq: 24 Mar 2020 12:28

Instrument :

MSVOA_Y

ClientSampleId :

VY0324SBS01

Tot Ion:168 Resp: 153915

Ion Ratio Lower Upper

168 100

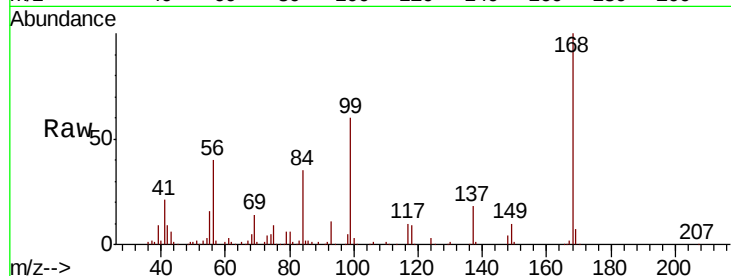
99 59.7 46.7 70.1

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Abundance Ion 167.90 (167.60 to 168.60): VY001845.D (-986) (-)

Ion 98.90 (98.60 to 99.60): VY001845.D (-986) (-)

7.80

60000

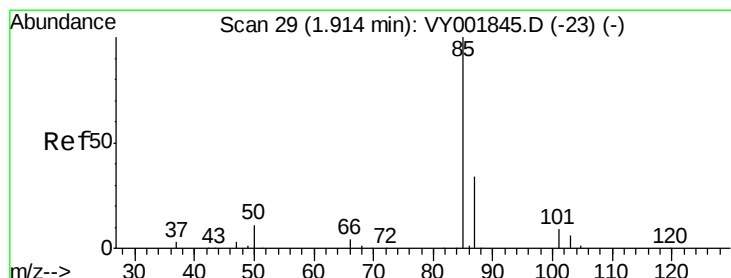
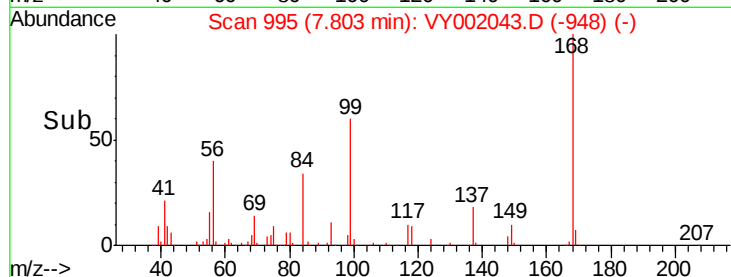
40000

20000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 18.688 ug/l

RT: 1.91 min Scan# 28

Delta R.T. -0.01 min

Lab File: VY002043.D

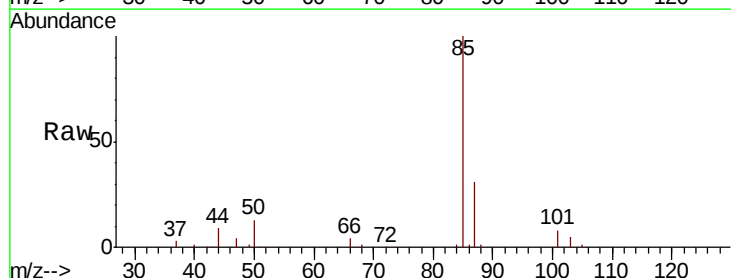
Acq: 24 Mar 2020 12:28

Tgt Ion: 85 Resp: 26551

Ion Ratio Lower Upper

85 100

87 30.6 16.8 50.4



Abundance Ion 84.90 (84.60 to 85.60): VY001845.D (-23) (-)

Ion 86.90 (86.60 to 87.60): VY001845.D (-23) (-)

1.91

20000

15000

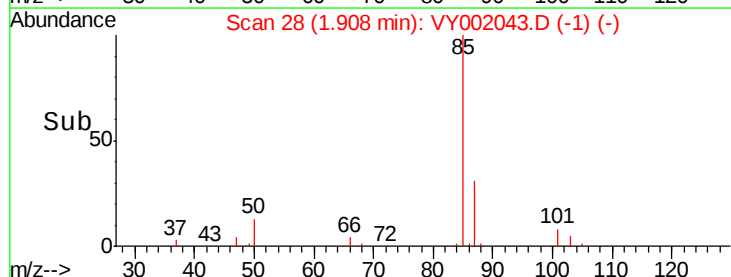
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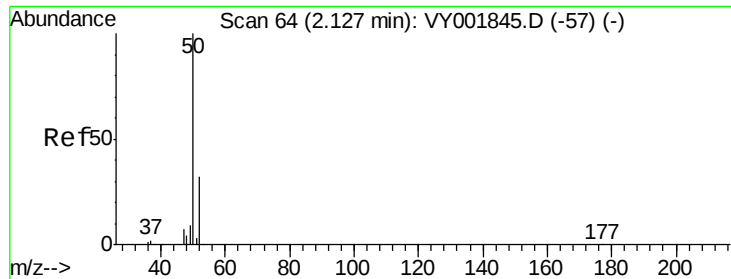
5000

0

1.85 1.90 1.95 2.00

Time-->





#3

Chloromethane

Concen: 19.724 ug/l

RT: 2.12 min Scan# 63

Delta R.T. -0.01 min

Lab File: VY002043.D

Acq: 24 Mar 2020 12:28

Instrument :

MSVOA_Y

ClientSampleId :

VY0324SBS01

Tot Ion: 50 Resp: 37782

Ion Ratio Lower Upper

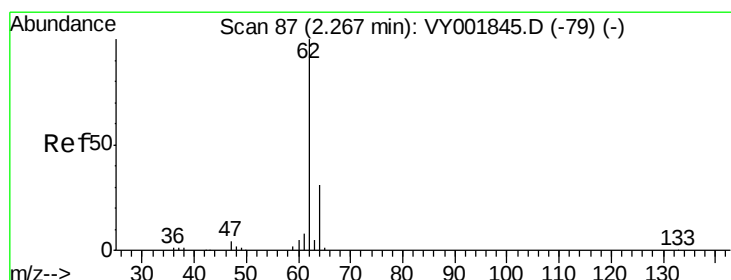
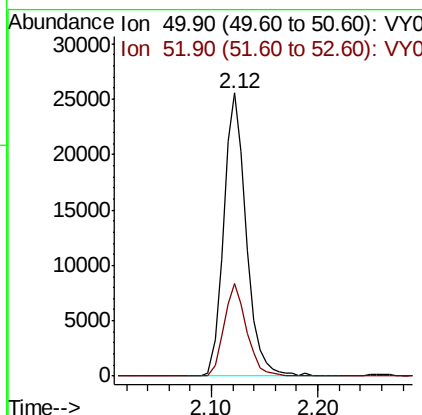
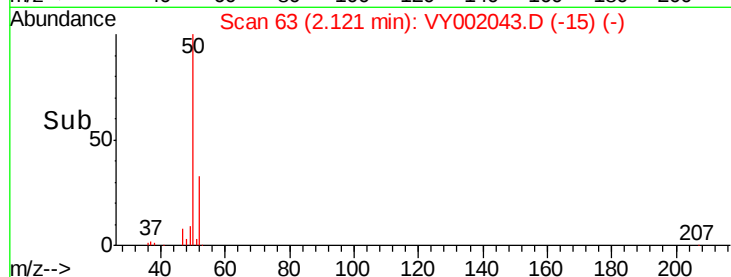
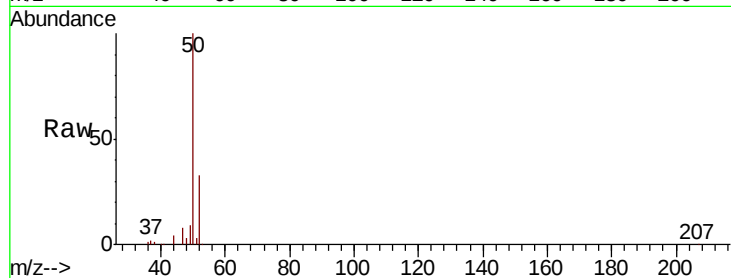
50 100

52 32.8 25.8 38.6

Manual Integrations
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#4

Vinyl Chloride

Concen: 19.591 ug/l

RT: 2.26 min Scan# 86

Delta R.T. -0.01 min

Lab File: VY002043.D

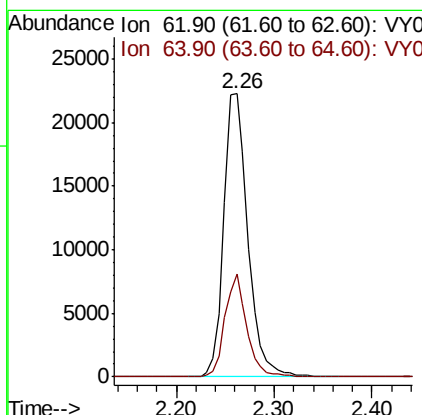
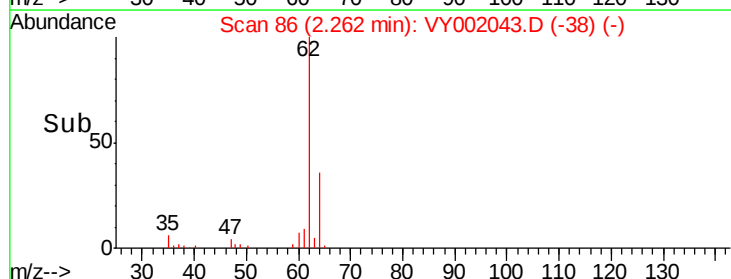
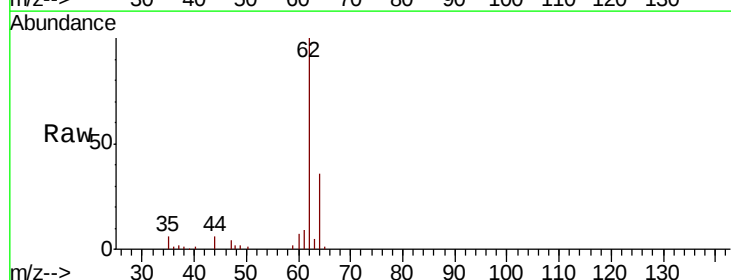
Acq: 24 Mar 2020 12:28

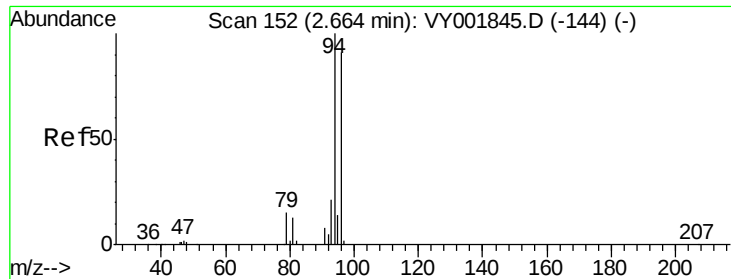
Tgt Ion: 62 Resp: 38171

Ion Ratio Lower Upper

62 100

64 36.2 25.1 37.7





#5

Bromomethane

Concen: 17.845 ug/l

RT: 2.65 min Scan# 150

Delta R.T. -0.01 min

Lab File: VY002043.D

Acq: 24 Mar 2020 12:28

Instrument :

MSVOA_Y

ClientSampleId :

VY0324SBS01

Tot Ion: 94 Resp: 24591

Ion Ratio Lower Upper

94 100

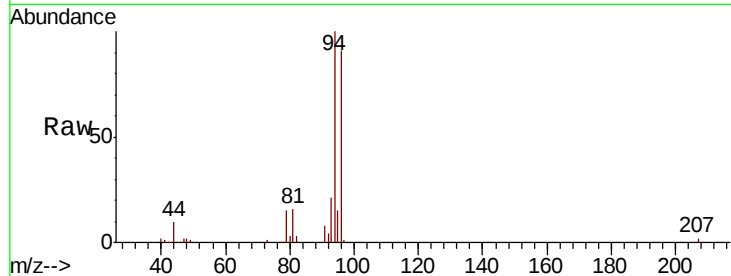
96 90.9 73.2 109.8

Manual Integrations

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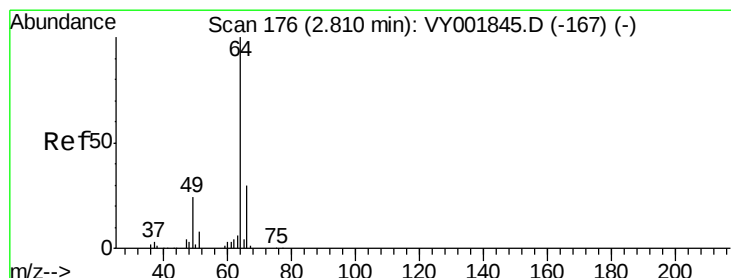
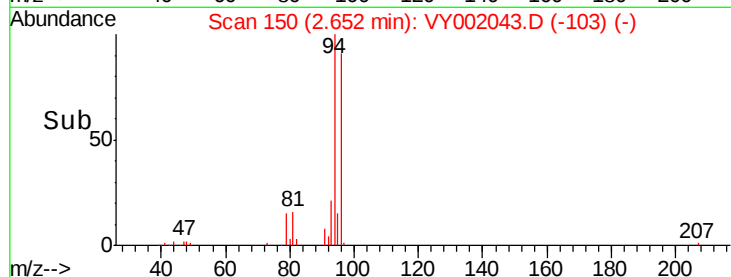
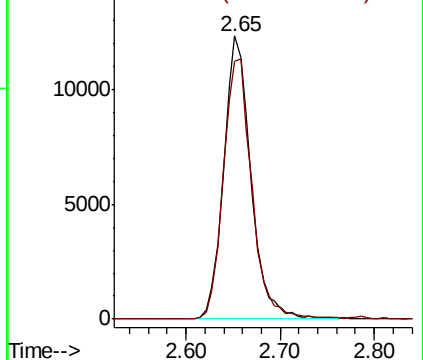
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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 19.974 ug/l

RT: 2.80 min Scan# 174

Delta R.T. -0.01 min

Lab File: VY002043.D

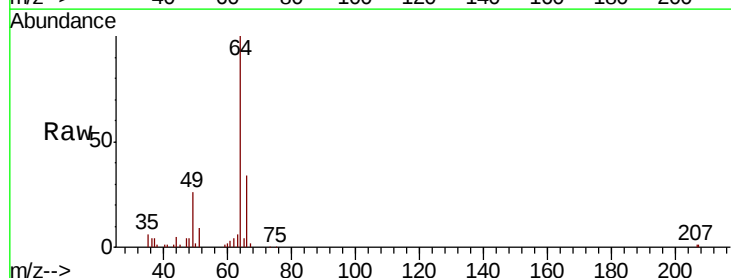
Acq: 24 Mar 2020 12:28

Tgt Ion: 64 Resp: 24447

Ion Ratio Lower Upper

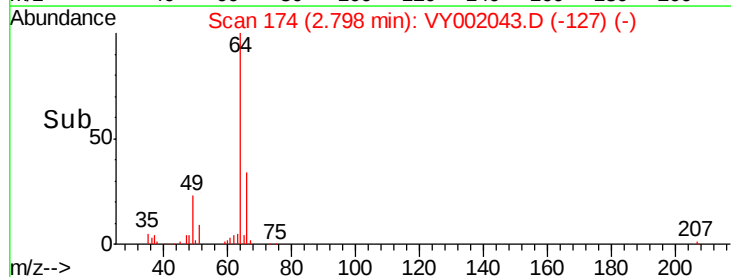
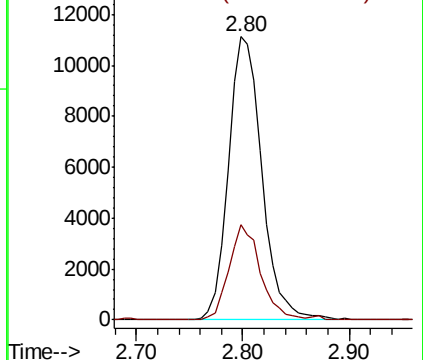
64 100

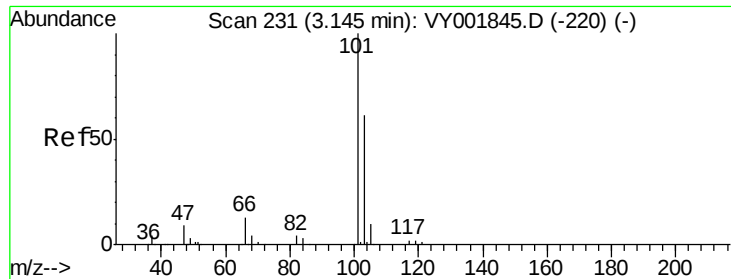
66 33.8 23.8 35.8



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

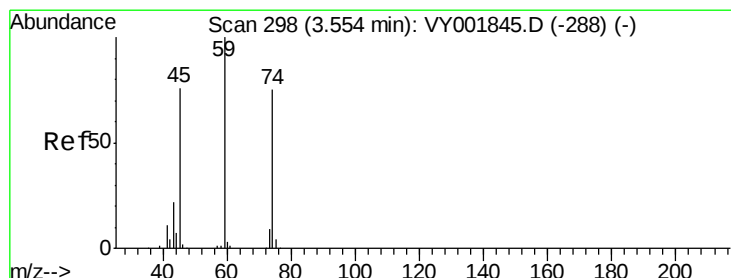
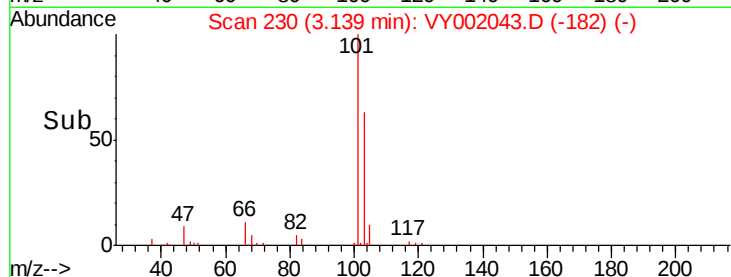
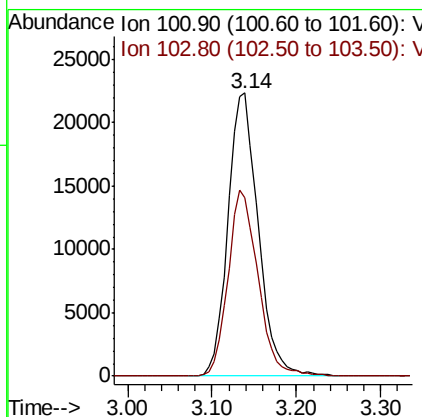
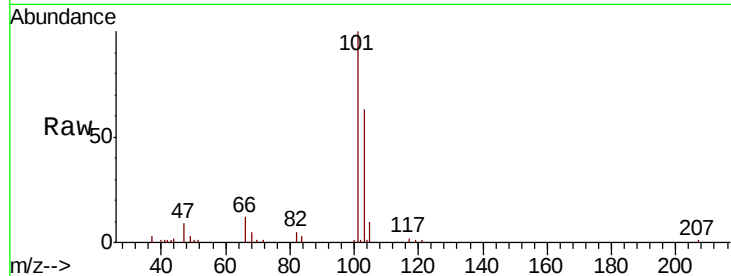
Trichlorofluoromethane
 Concen: 20.600 ug/l
 RT: 3.14 min Scan# 230
 Delta R.T. -0.01 min
 Lab File: VY002043.D
 Acq: 24 Mar 2020 12:28

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Tot Ion	Ratio	Lower	Upper
101	100		
103	63.1	49.1	73.7

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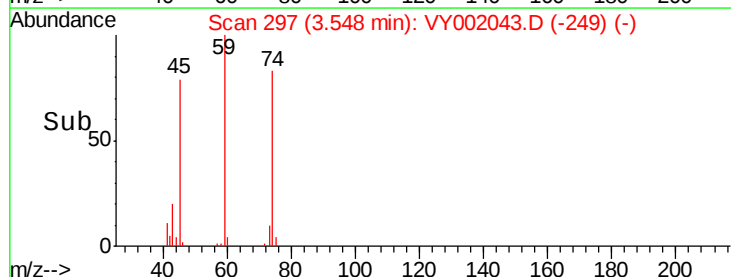
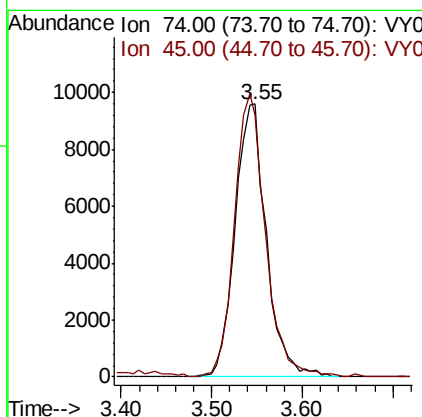
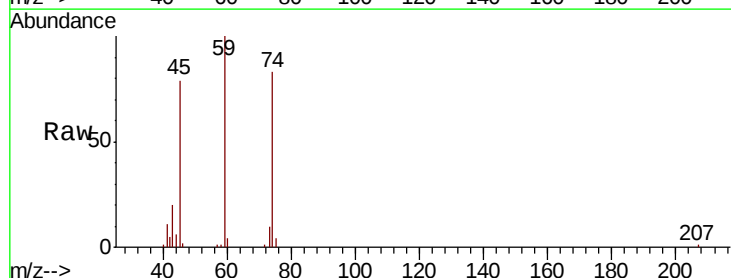
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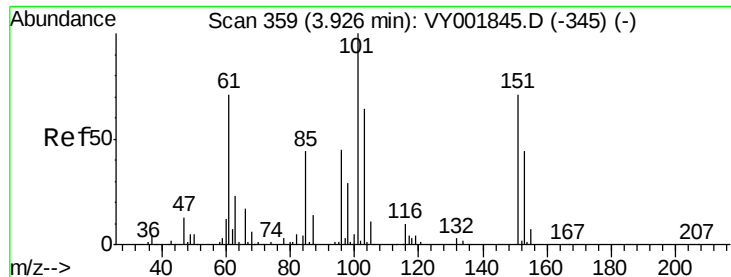


#8

Diethyl Ether
 Concen: 22.118 ug/l
 RT: 3.55 min Scan# 297
 Delta R.T. -0.01 min
 Lab File: VY002043.D
 Acq: 24 Mar 2020 12:28

Tgt Ion	Ratio	Lower	Upper
74	100		
45	103.0	50.5	151.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.351 ug/l

RT: 3.91 min Scan# 357

Delta R.T. -0.01 min

Lab File: VY002043.D

Acq: 24 Mar 2020 12:28

Instrument :

MSVOA_Y

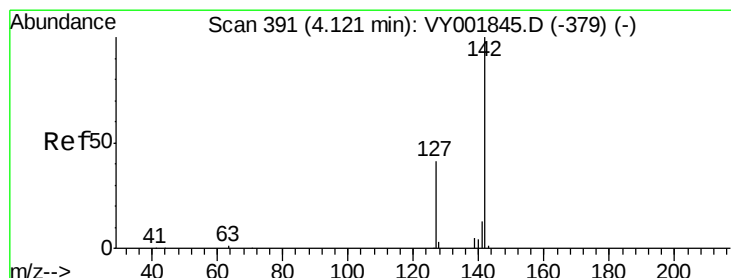
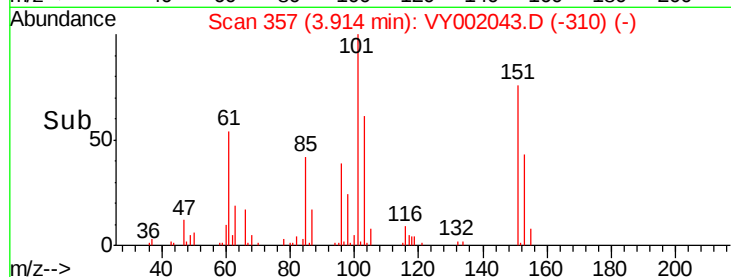
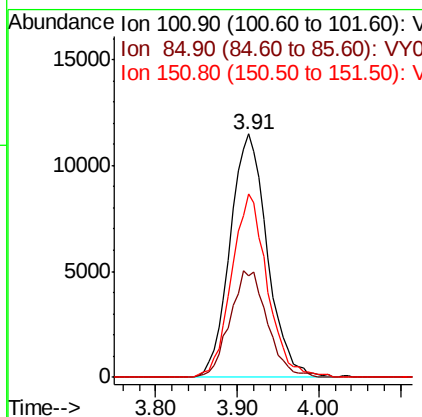
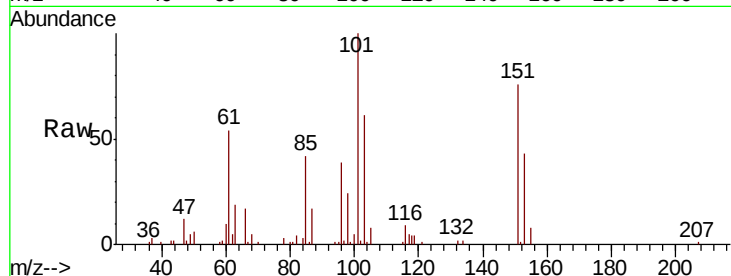
ClientSampleId :

VY0324SBS01

Tot Ion:	101	Resp:	36287
Ion Ratio	Lower	Upper	
101	100		
85	43.9	35.3	52.9
151	72.3	57.0	85.4

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#10

Methyl Iodide

Concen: 19.791 ug/l

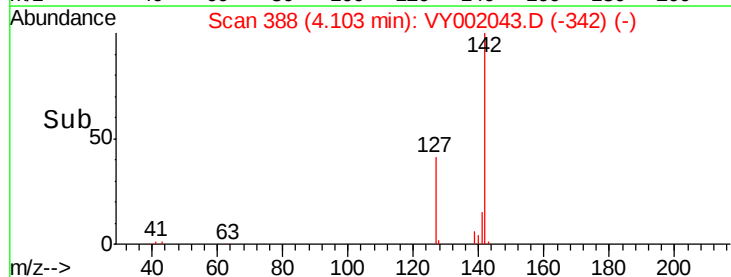
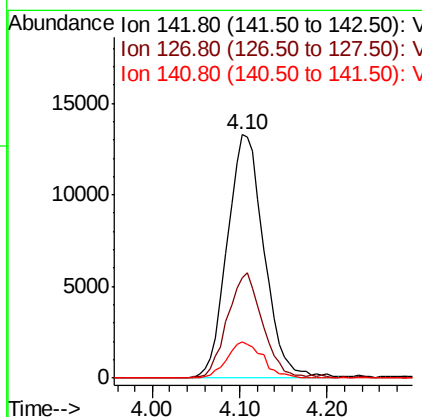
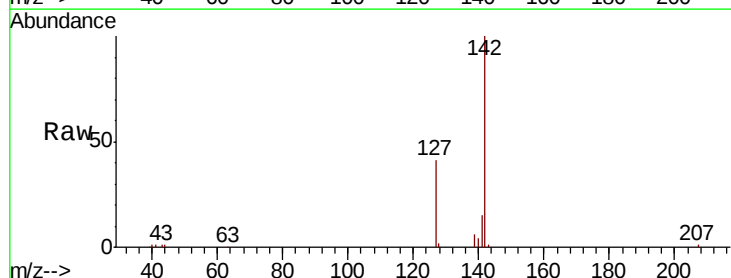
RT: 4.10 min Scan# 388

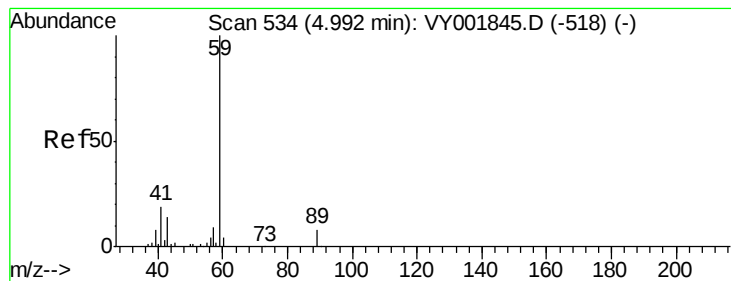
Delta R.T. -0.02 min

Lab File: VY002043.D

Acq: 24 Mar 2020 12:28

Tgt Ion:	142	Resp:	38898
Ion Ratio	Lower	Upper	
142	100		
127	41.3	32.7	49.1
141	14.5	11.0	16.6





#11

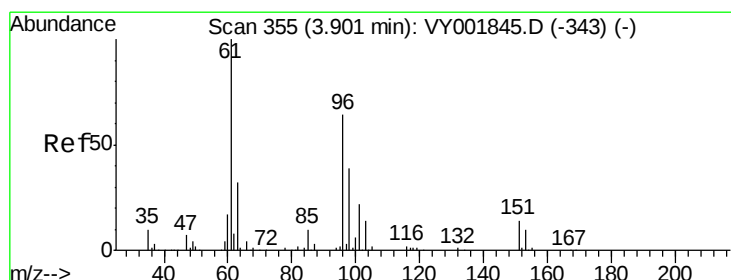
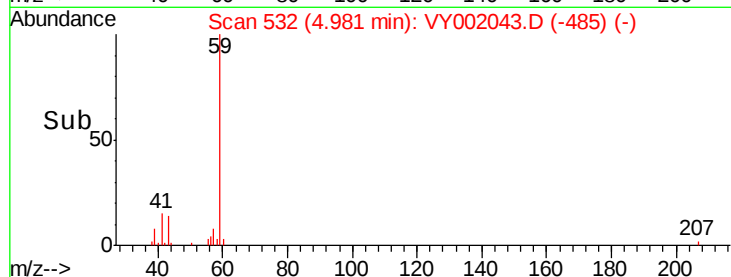
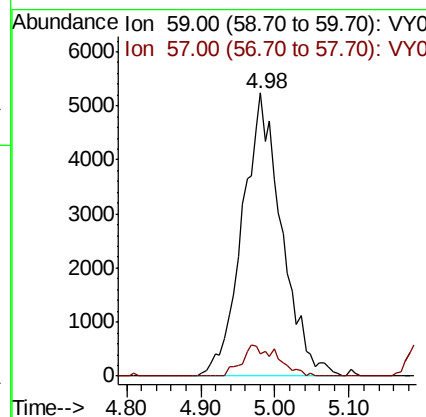
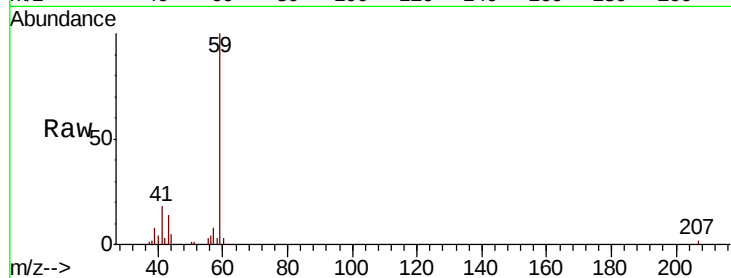
Tert butyl alcohol
 Concen: 99.659 ug/l
 RT: 4.98 min Scan# 532
 Delta R.T. -0.01 min
 Lab File: VY002043.D
 Acq: 24 Mar 2020 12:28

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0324SBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.1	7.4	11.2

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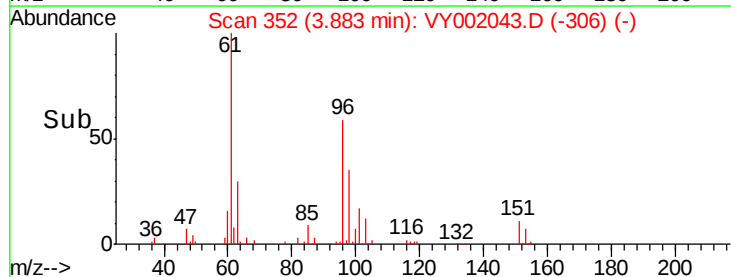
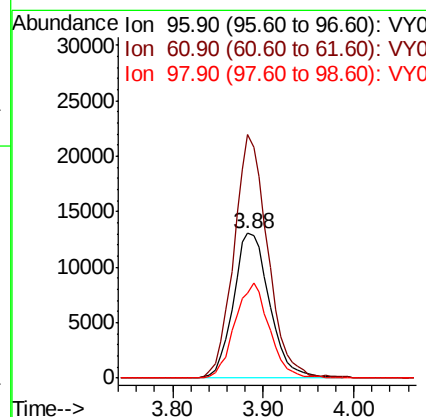
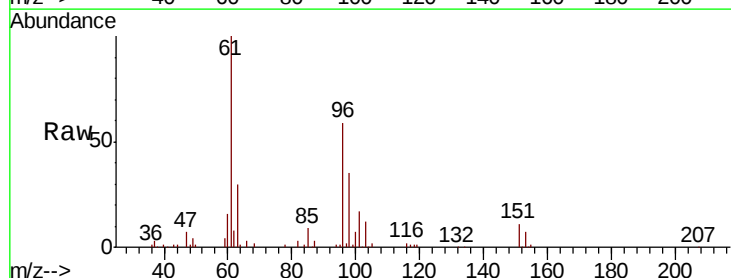
apatel
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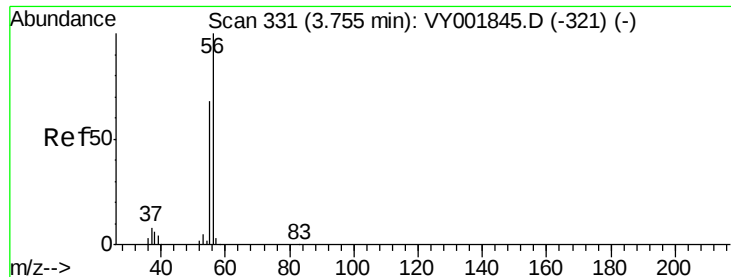


#12

1,1-Dichloroethene
 Concen: 21.215 ug/l
 RT: 3.88 min Scan# 352
 Delta R.T. -0.02 min
 Lab File: VY002043.D
 Acq: 24 Mar 2020 12:28

Tgt Ion	Ratio	Lower	Upper
96	100		
61	168.1	124.8	187.2
98	58.8	49.2	73.8





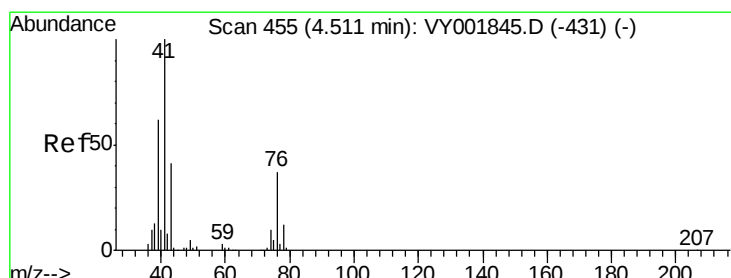
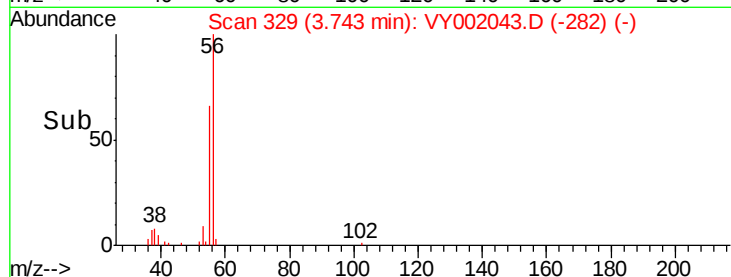
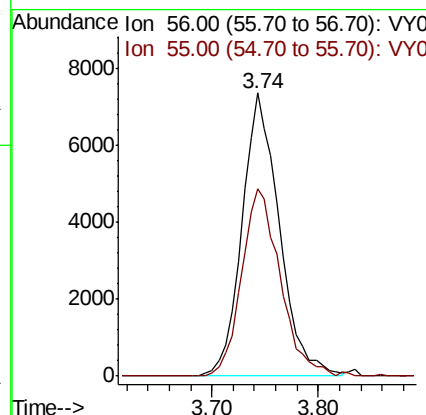
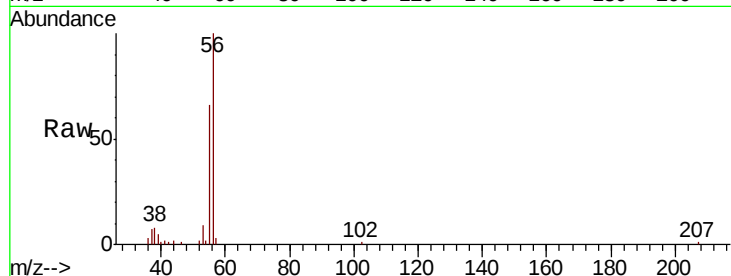
#13
Acrolein
Concen: 78.601 ug/l
RT: 3.74 min Scan# 329
Delta R.T. -0.01 min
Lab File: VY002043.D
Acq: 24 Mar 2020 12:28

Instrument :
MSVOA_Y
ClientSampleId :
VY0324SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
55	68.0	54.0	81.0

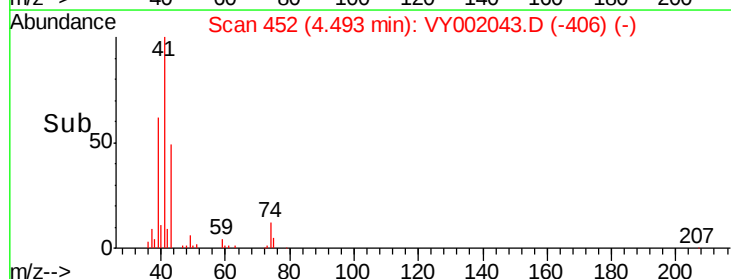
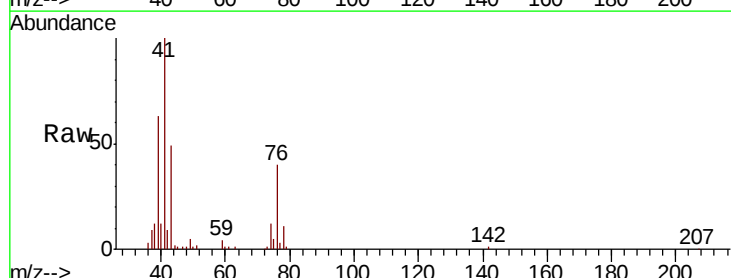
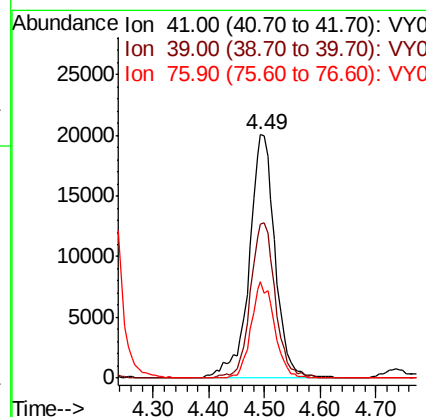
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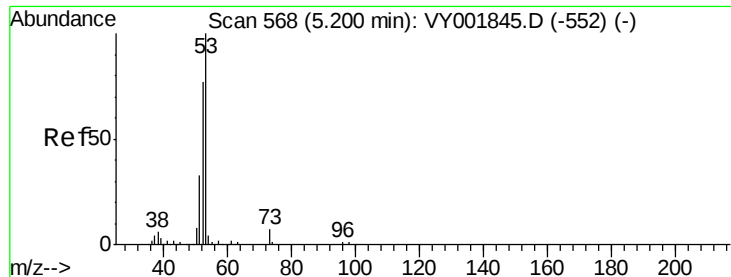
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#14
Allyl chloride
Concen: 21.256 ug/l
RT: 4.49 min Scan# 452
Delta R.T. -0.02 min
Lab File: VY002043.D
Acq: 24 Mar 2020 12:28

Tgt Ion	Ratio	Lower	Upper
41	100		
39	62.0	49.0	73.6
76	35.9	28.9	43.3





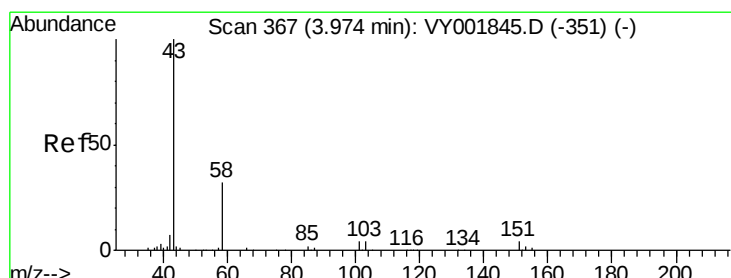
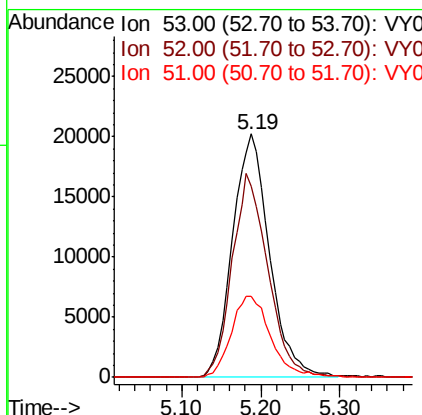
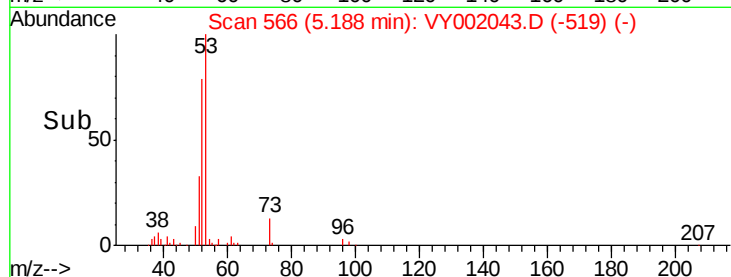
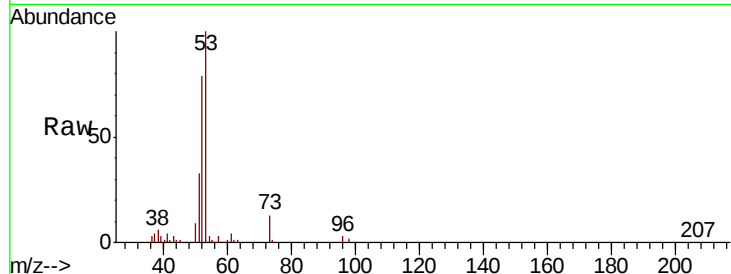
#15
 Acrylonitrile
 Concen: 118.262 ug/l
 RT: 5.19 min Scan# 566
 Delta R.T. -0.01 min
 Lab File: VY002043.D
 Acq: 24 Mar 2020 12:28

Instrument :
 MSVOA_Y
 ClientSampleID :
 VY0324SBS01

Tot Ion:	53	Resp:	65814
Ion	Ratio	Lower	Upper
53	100		
52	81.2	65.1	97.7
51	35.6	27.5	41.3

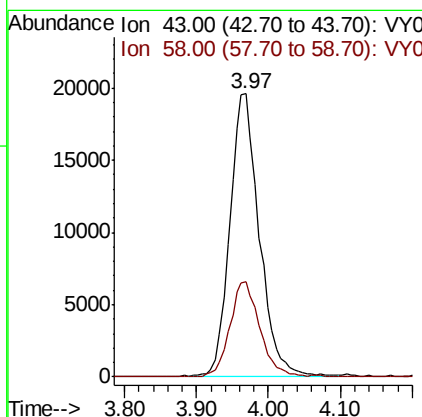
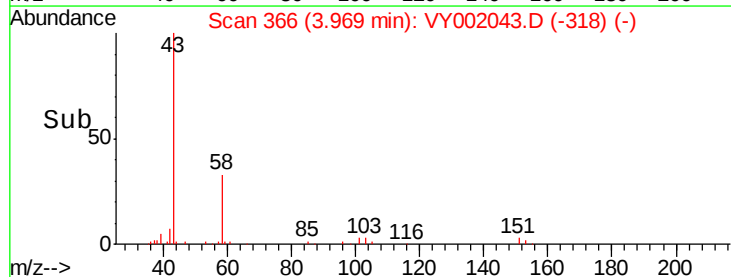
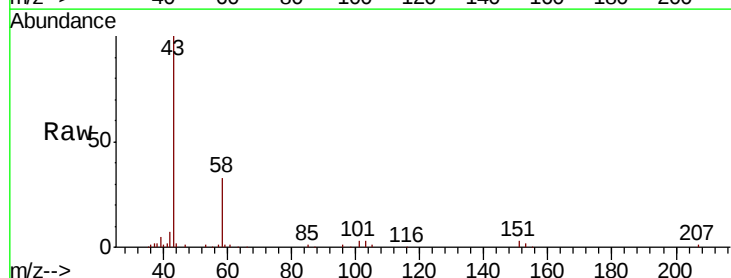
Manual Integrations
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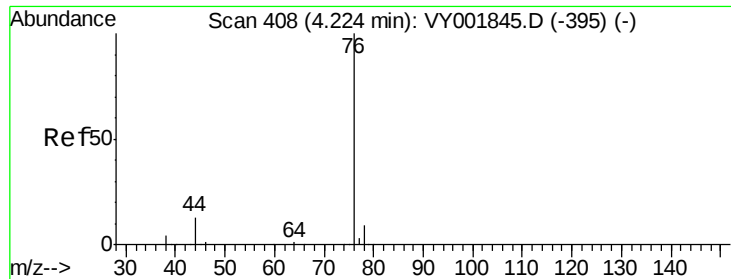
apatel
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#16
 Acetone
 Concen: 115.176 ug/l
 RT: 3.97 min Scan# 366
 Delta R.T. -0.01 min
 Lab File: VY002043.D
 Acq: 24 Mar 2020 12:28

Tgt Ion:	43	Resp:	55121
Ion	Ratio	Lower	Upper
43	100		
58	33.6	25.9	38.9





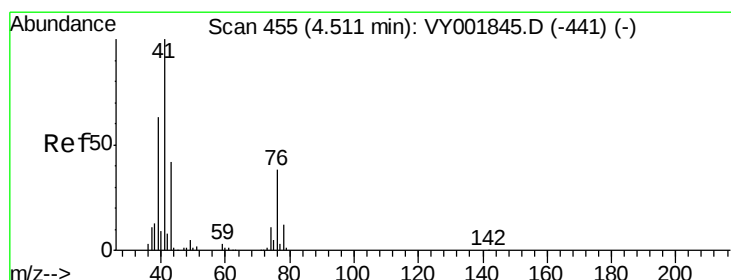
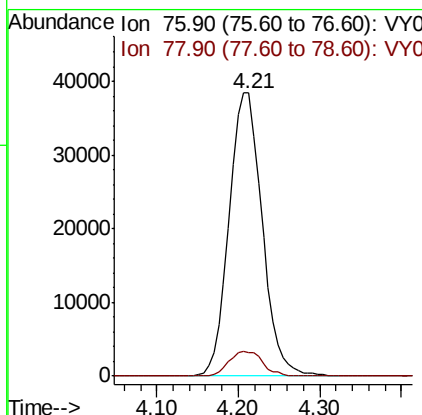
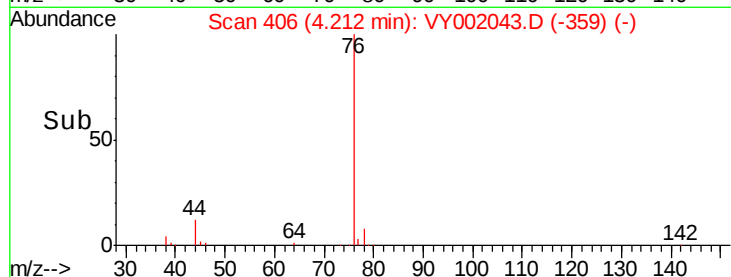
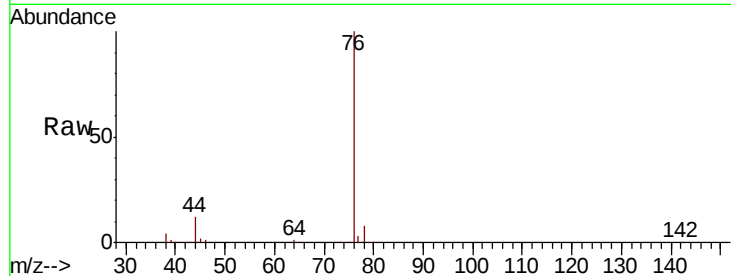
#17
Carbon Disulfide
Concen: 18.751 ug/l
RT: 4.21 min Scan# 406
Delta R.T. -0.01 min
Lab File: VY002043.D
Acq: 24 Mar 2020 12:28

Instrument :
MSVOA_Y
ClientSampleId :
VY0324SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.4	7.4	11.2

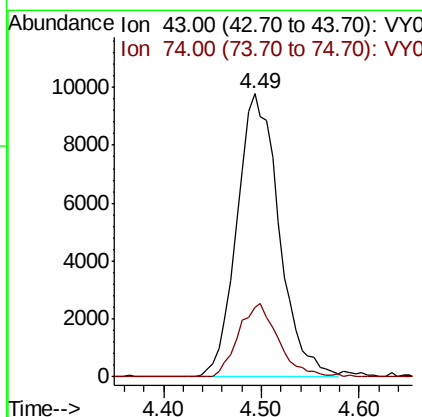
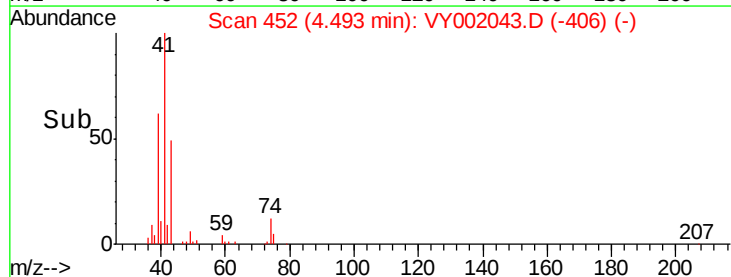
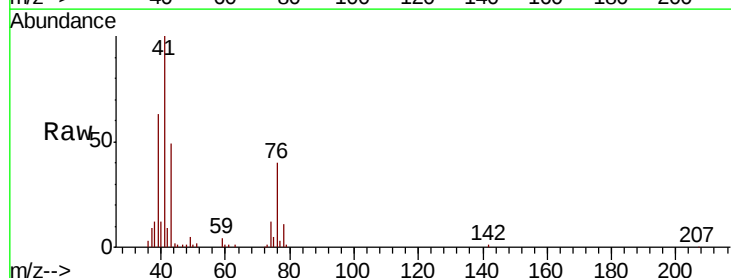
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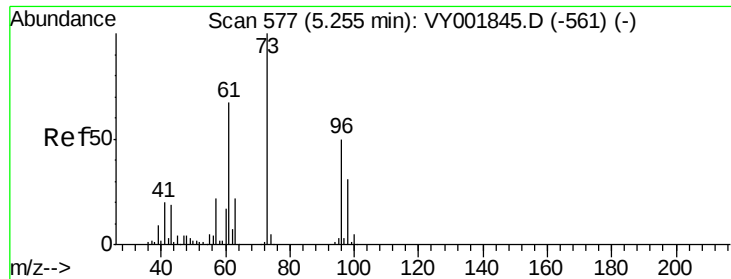
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#18
Methyl Acetate
Concen: 23.895 ug/l
RT: 4.49 min Scan# 452
Delta R.T. -0.02 min
Lab File: VY002043.D
Acq: 24 Mar 2020 12:28

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.6	19.0	28.6





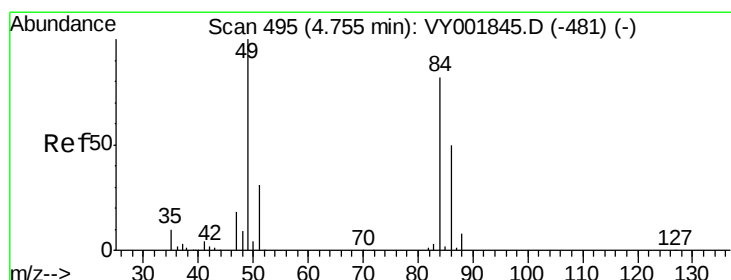
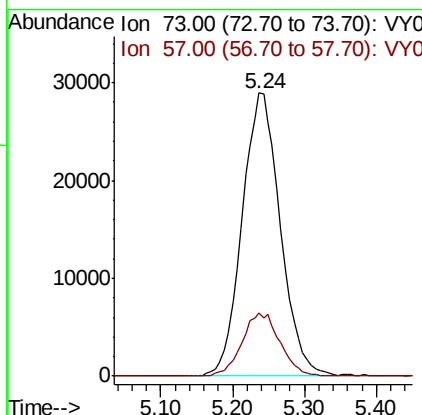
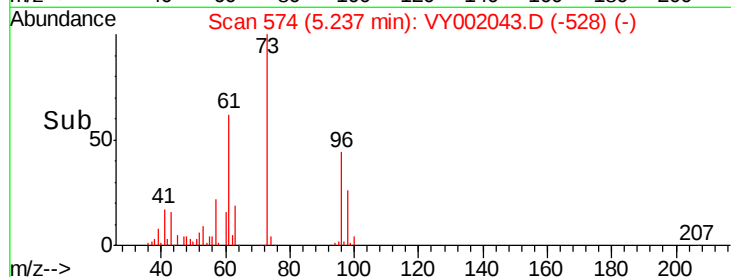
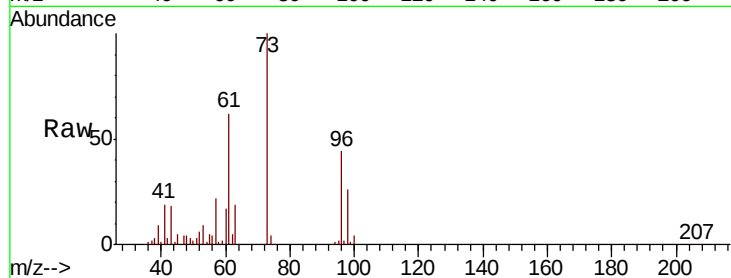
#19
Methvl tert-butvl Ether
Concen: 22.941 ug/l
RT: 5.24 min Scan# 574
Delta R.T. -0.02 min
Lab File: VY002043.D
Acq: 24 Mar 2020 12:28

Instrument :
MSVOA_Y
ClientSampleId :
VY0324SBS01

Tot Ion: 73 Resp: 106385
Ion Ratio Lower Upper
73 100
57 22.5 17.4 26.2

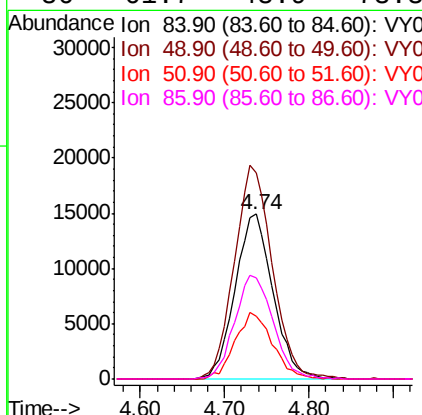
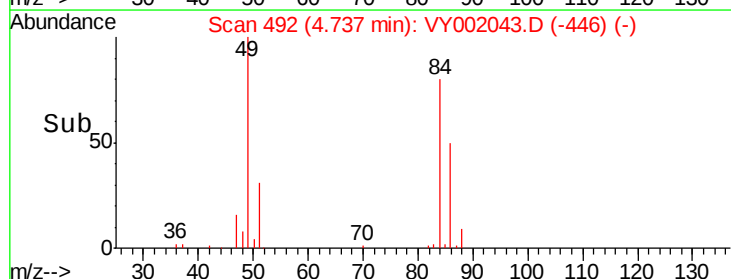
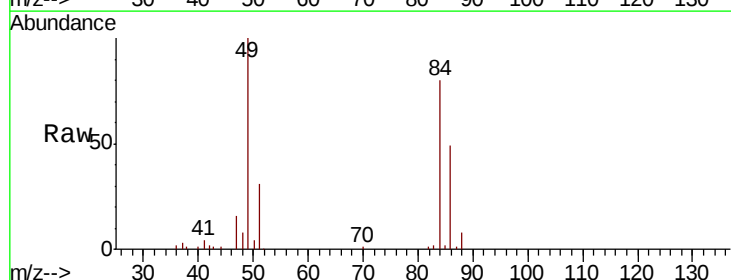
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#20
Methylene Chloride
Concen: 22.157 ug/l
RT: 4.74 min Scan# 492
Delta R.T. -0.02 min
Lab File: VY002043.D
Acq: 24 Mar 2020 12:28

Tgt Ion: 84 Resp: 45447
Ion Ratio Lower Upper
84 100
49 125.3 98.2 147.2
51 38.5 30.2 45.2
86 61.7 48.9 73.3





#21

trans-1,2-Dichloroethene

Concen: 20.688 ug/l

RT: 5.24 min Scan# 574

Delta R.T. -0.02 min

Lab File: VY002043.D

Acq: 24 Mar 2020 12:28

Instrument :

MSVOA_Y

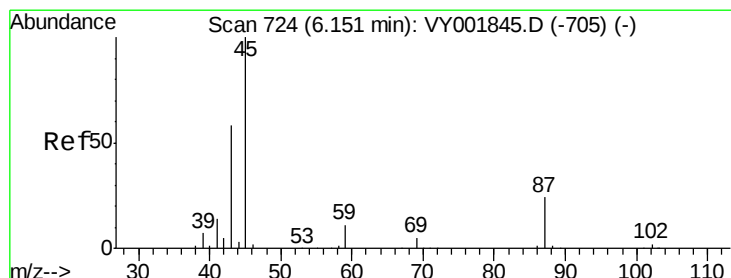
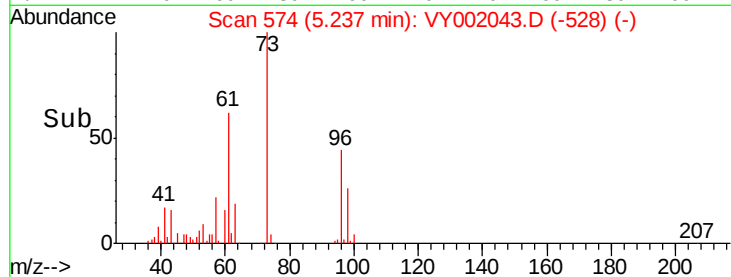
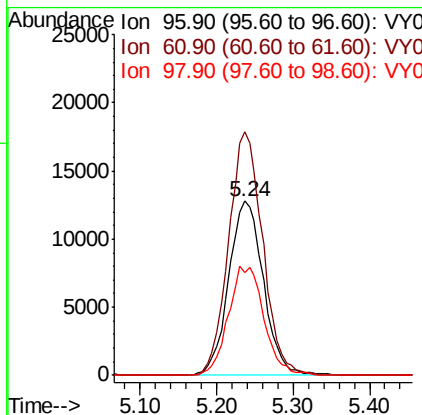
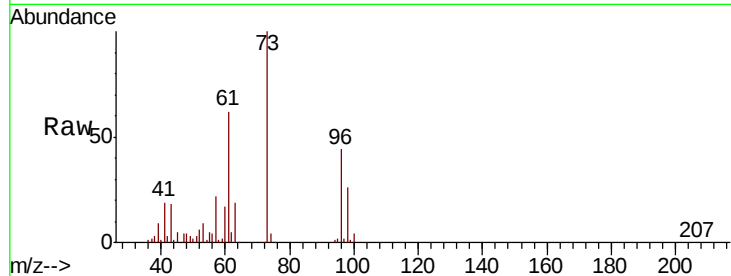
ClientSampleId :

VY0324SBS01

Tot Ion:	96	Resp:	40182
Ion	Ratio	Lower	Upper
96	100		
61	139.6	107.7	161.5
98	59.3	49.3	73.9

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#22

Diisopropyl ether

Concen: 22.088 ug/l

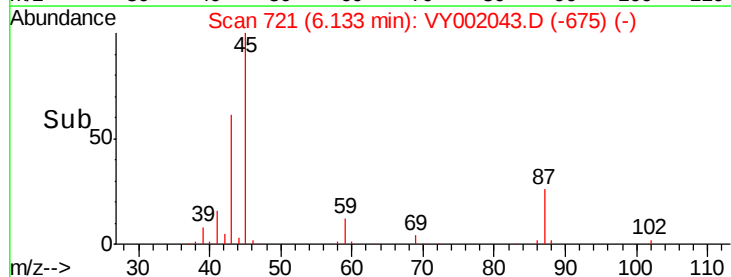
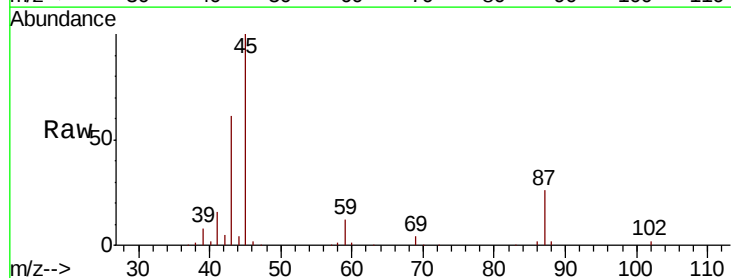
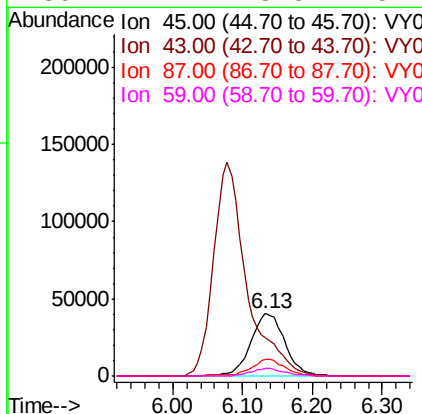
RT: 6.13 min Scan# 721

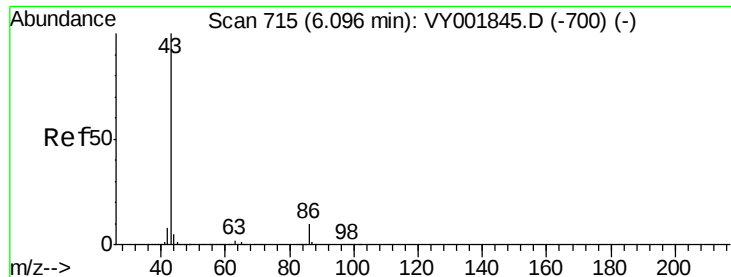
Delta R.T. -0.02 min

Lab File: VY002043.D

Acq: 24 Mar 2020 12:28

Tgt Ion:	45	Resp:	137356
Ion	Ratio	Lower	Upper
45	100		
43	60.6	47.2	70.8
87	26.1	19.8	29.8
59	11.4	8.8	13.2





#23

Vinyl Acetate

Concen: 112.212 ug/l

RT: 6.08 min Scan# 712

Delta R.T. -0.02 min

Lab File: VY002043.D

Acq: 24 Mar 2020 12:28

Instrument :

MSVOA_Y

ClientSampleId :

VY0324SBS01

Tot Ion: 43 Resp: 457457

Ion Ratio Lower Upper

43 100

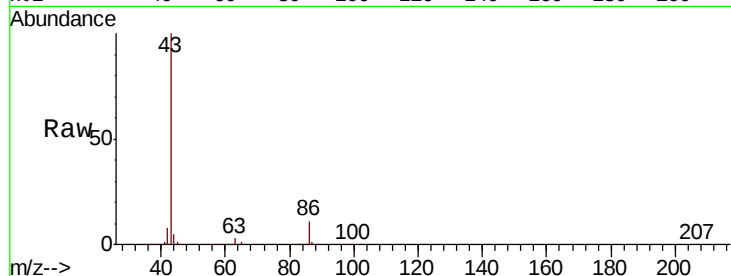
86 10.6 7.8 11.8

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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

6.08

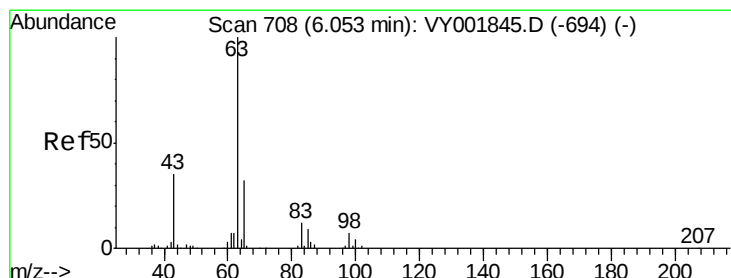
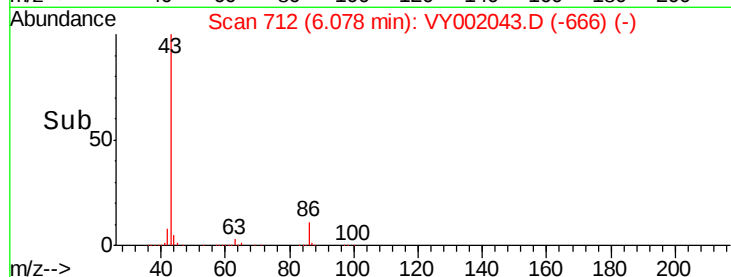
150000

100000

50000

0

Time--> 5.90 6.00 6.10 6.20 6.30



#24

1,1-Dichloroethane

Concen: 21.392 ug/l

RT: 6.04 min Scan# 705

Delta R.T. -0.02 min

Lab File: VY002043.D

Acq: 24 Mar 2020 12:28

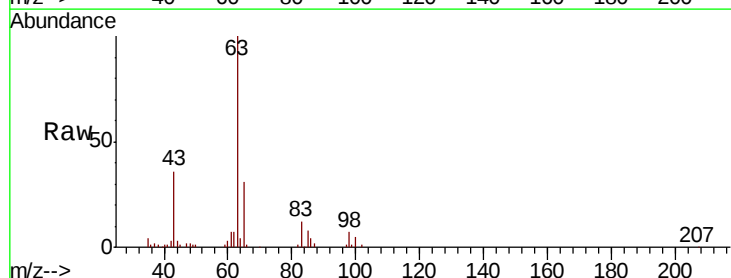
Tgt Ion: 63 Resp: 72040

Ion Ratio Lower Upper

63 100

98 7.1 3.4 10.2

100 5.2 2.0 6.0



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0

6.04

30000

25000

20000

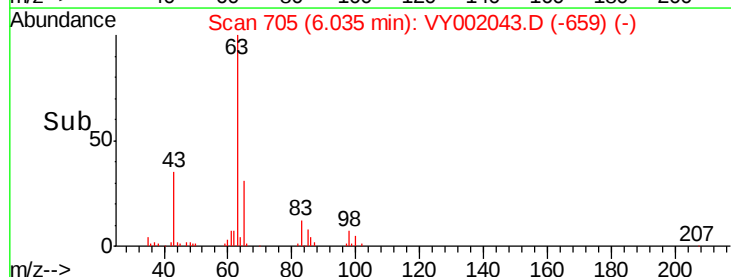
15000

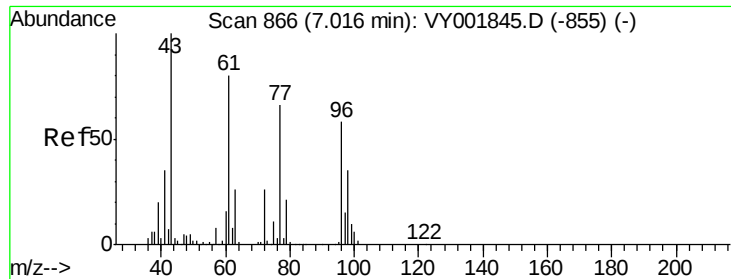
10000

5000

0

Time--> 5.90 6.00 6.10 6.20





#25

2-Butanone

Concen: 115.604 ug/l

RT: 7.00 min Scan# 864

Delta R.T. -0.01 min

Lab File: VY002043.D

Acq: 24 Mar 2020 12:28

Instrument :

MSVOA_Y

ClientSampleId :

VY0324SBS01

Tot Ion: 43 Resp: 84136

Ion Ratio Lower Upper

43 100

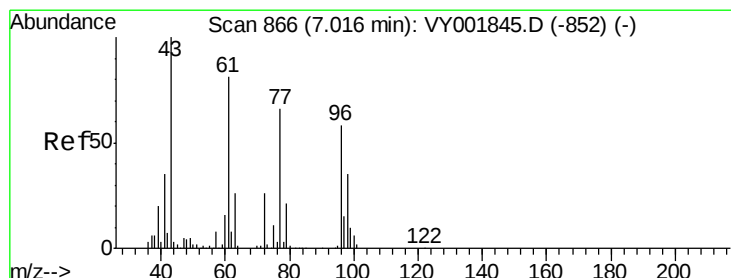
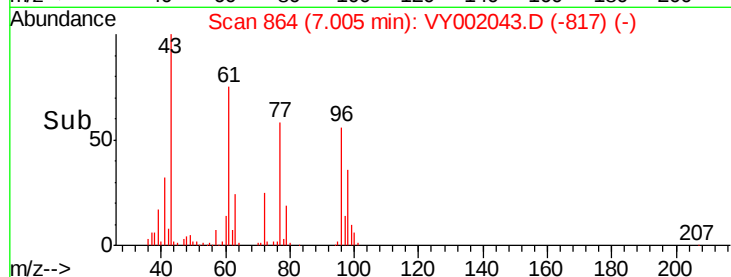
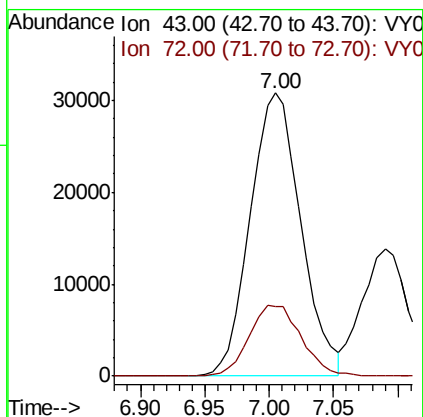
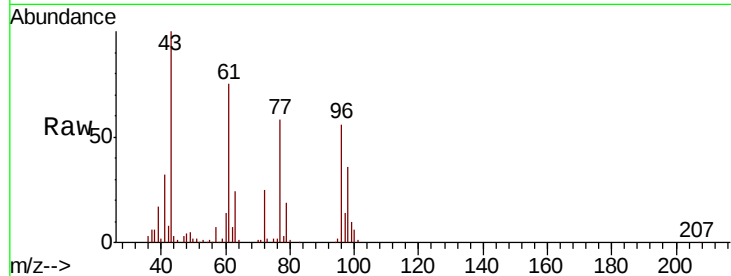
72 24.8 20.9 31.3

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 21.525 ug/l

RT: 7.00 min Scan# 863

Delta R.T. -0.02 min

Lab File: VY002043.D

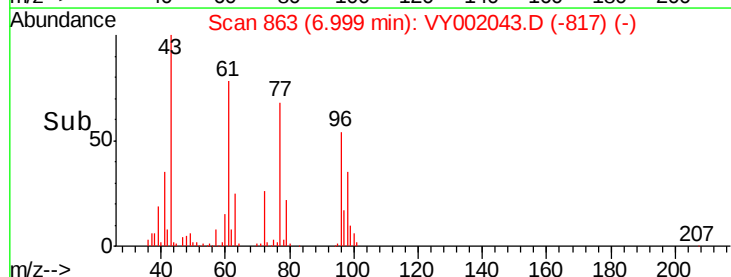
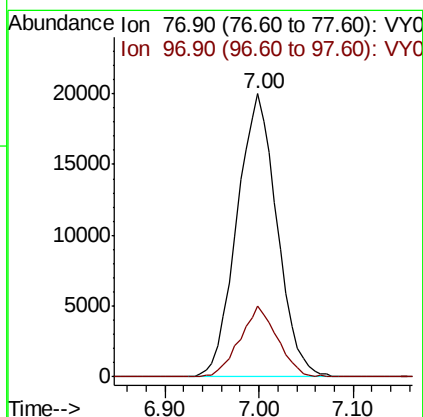
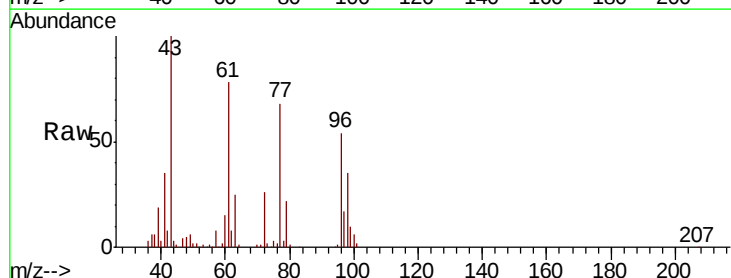
Acq: 24 Mar 2020 12:28

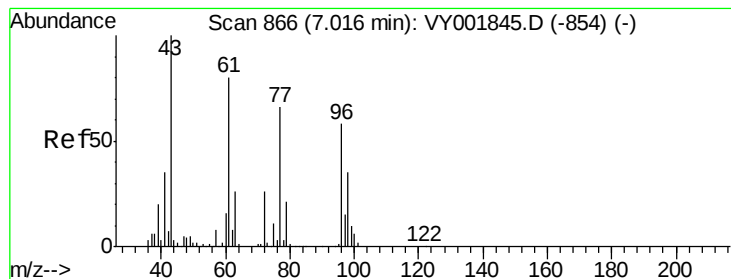
Tgt Ion: 77 Resp: 59496

Ion Ratio Lower Upper

77 100

97 23.3 11.9 35.7





#27

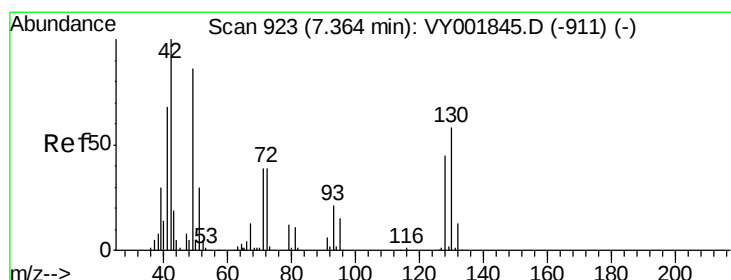
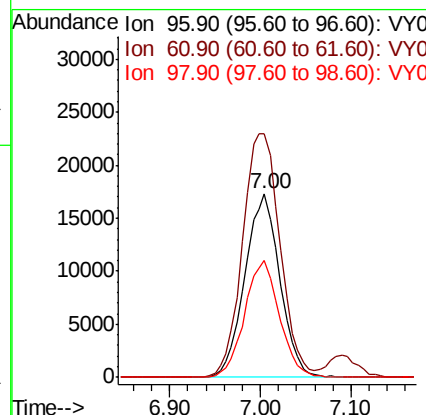
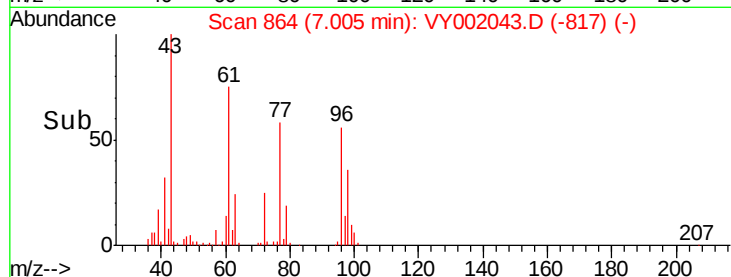
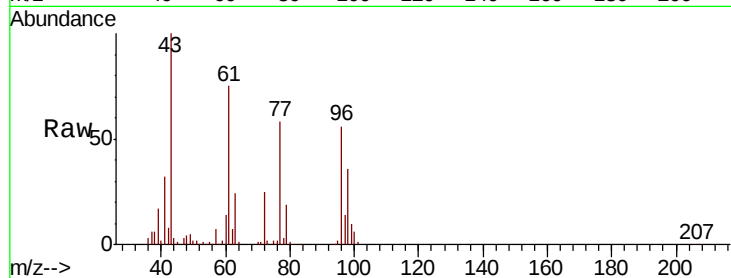
cis-1,2-Dichloroethene
 Concen: 21.819 ug/l
 RT: 7.00 min Scan# 864
 Delta R.T. -0.01 min
 Lab File: VY002043.D
 Acq: 24 Mar 2020 12:28

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0324SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	142.9	0.0	288.2
98	63.4	0.0	129.0

Manual Integrations
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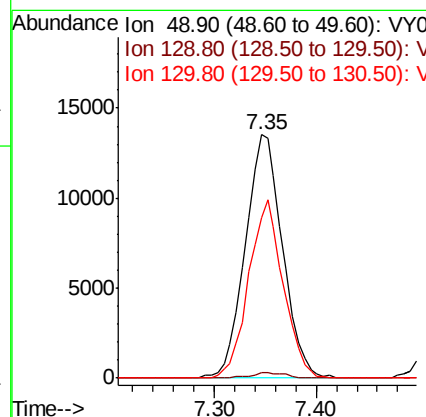
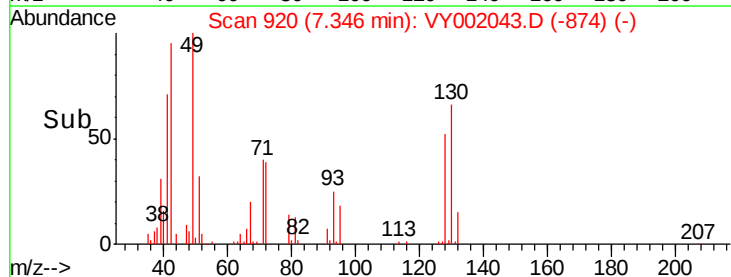
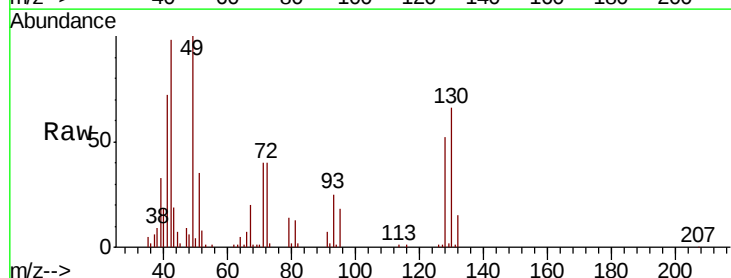
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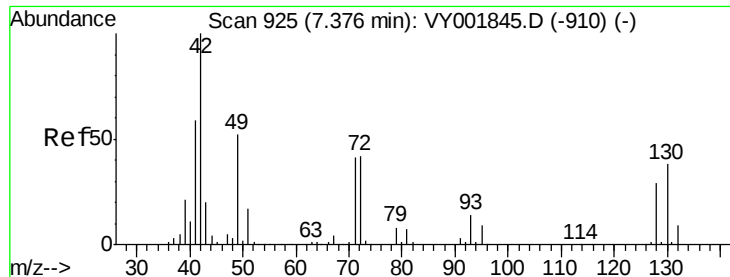


#28

Bromochloromethane
 Concen: 22.597 ug/l
 RT: 7.35 min Scan# 920
 Delta R.T. -0.02 min
 Lab File: VY002043.D
 Acq: 24 Mar 2020 12:28

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	3.8
130	67.8	54.4	81.6





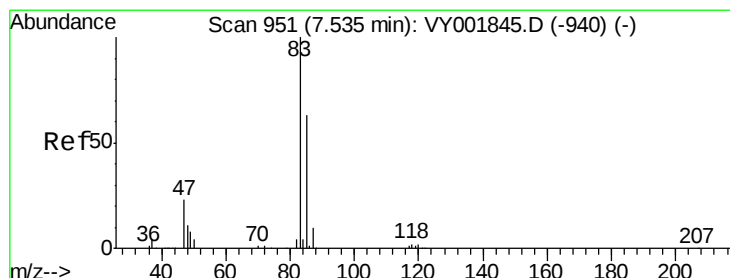
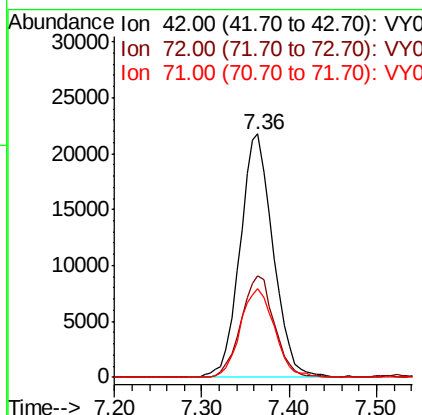
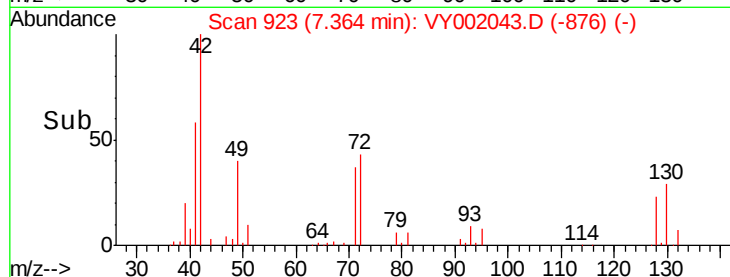
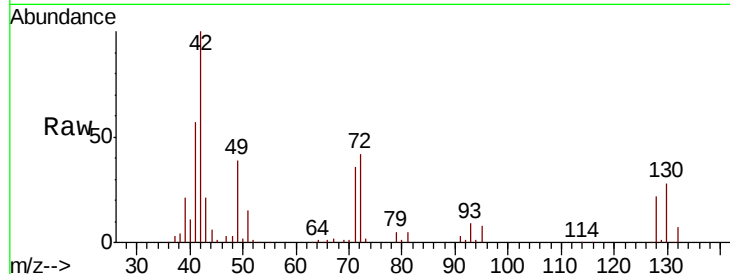
#29
Tetrahydrofuran
Concen: 117.960 ug/l
RT: 7.36 min Scan# 923
Delta R.T. -0.01 min
Lab File: VY002043.D
Acq: 24 Mar 2020 12:28

Instrument :
MSVOA_Y
ClientSampleId :
VY0324SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.9	33.5	50.3
71	37.9	31.3	46.9

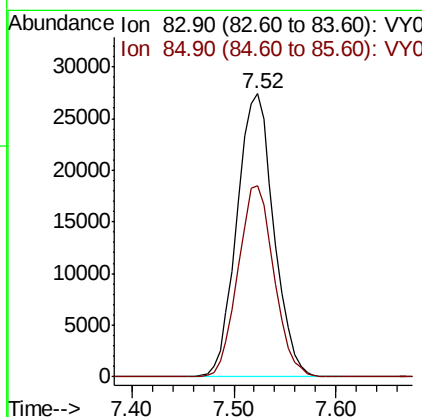
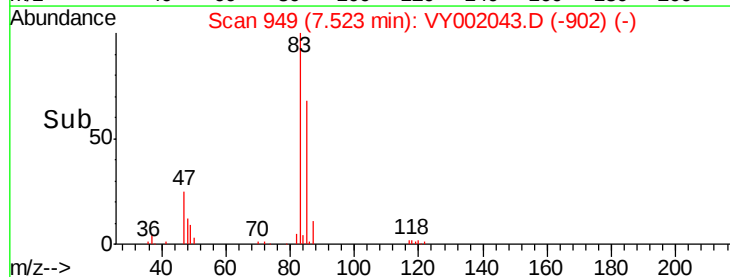
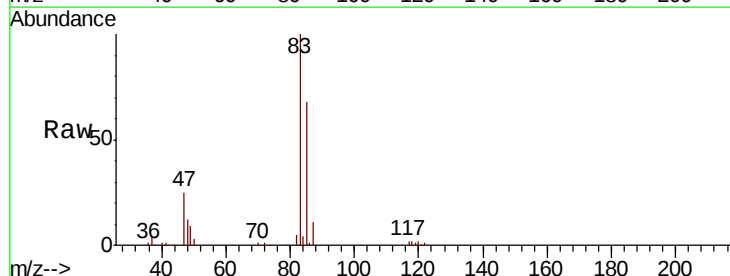
Manual Integrations
APPROVED

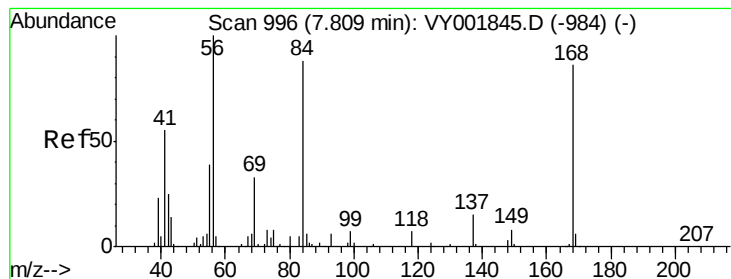
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#30
Chloroform
Concen: 21.713 ug/l
RT: 7.52 min Scan# 949
Delta R.T. -0.01 min
Lab File: VY002043.D
Acq: 24 Mar 2020 12:28

Tgt Ion	Ratio	Lower	Upper
83	100		
85	67.6	50.7	76.1





#31

Cvclohexane

Concen: 20.284 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY002043.D

Acq: 24 Mar 2020 12:28

Instrument :

MSVOA_Y

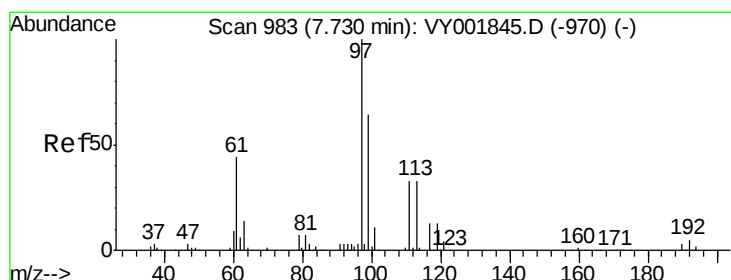
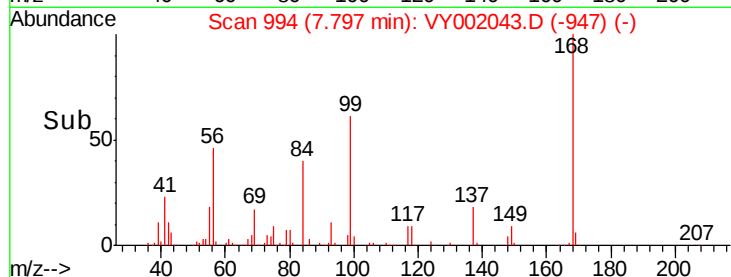
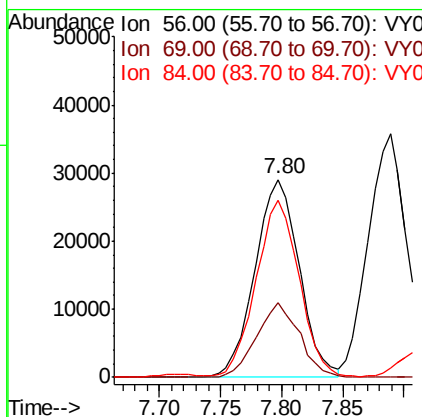
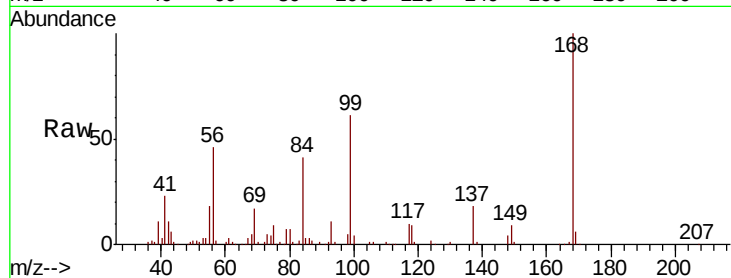
ClientSampleId :

VY0324SBS01

Tot Ion:	56	Resp:	73240
Ion Ratio	Lower	Upper	
56	100		
69	37.7	26.7	40.1
84	88.0	70.4	105.6

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 21.811 ug/l

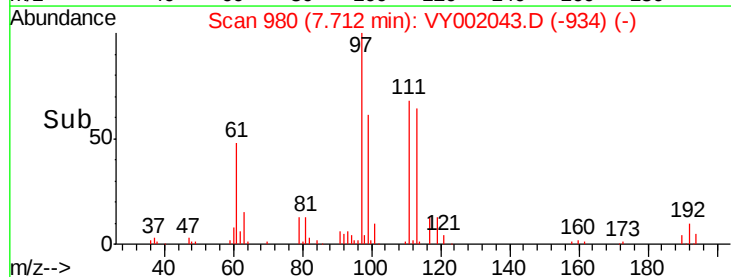
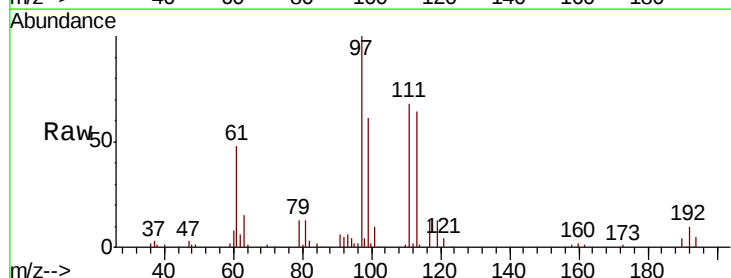
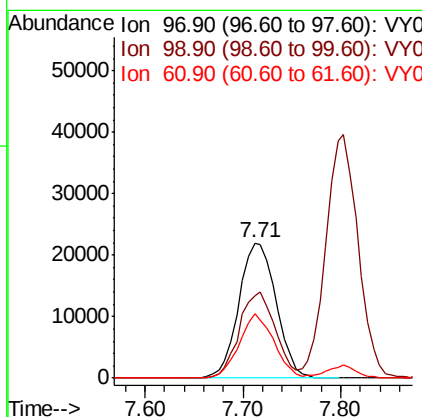
RT: 7.71 min Scan# 980

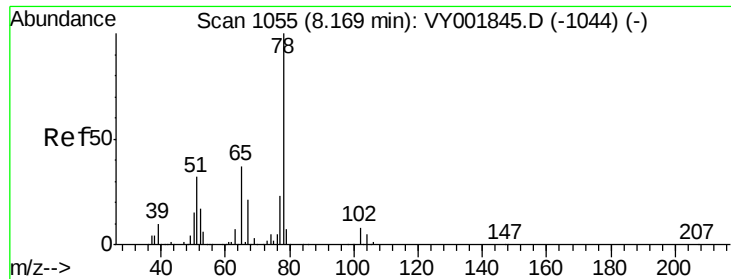
Delta R.T. -0.02 min

Lab File: VY002043.D

Acq: 24 Mar 2020 12:28

Tgt Ion:	97	Resp:	58164
Ion Ratio	Lower	Upper	
97	100		
99	61.8	52.0	78.0
61	44.5	35.0	52.4





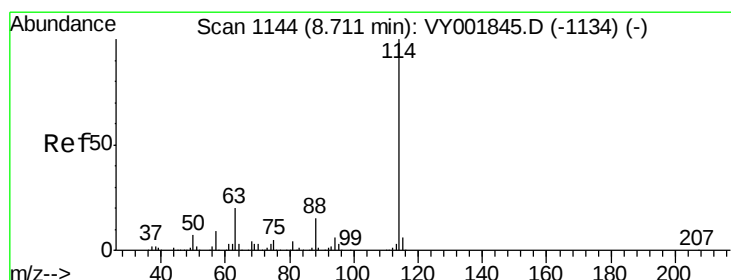
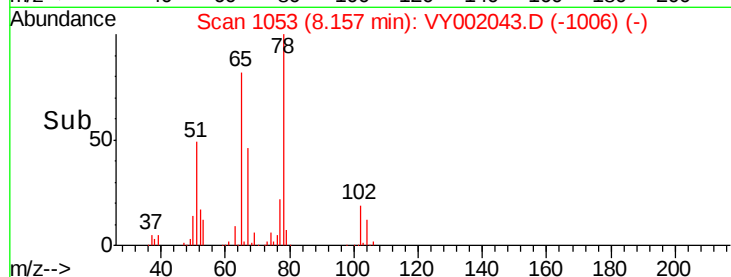
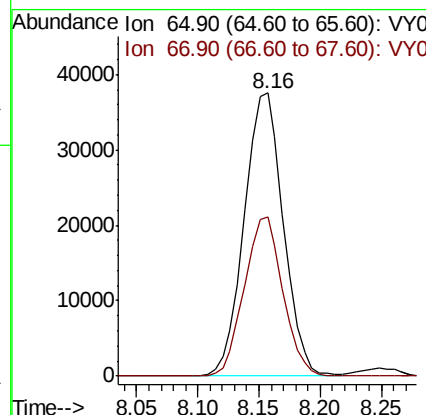
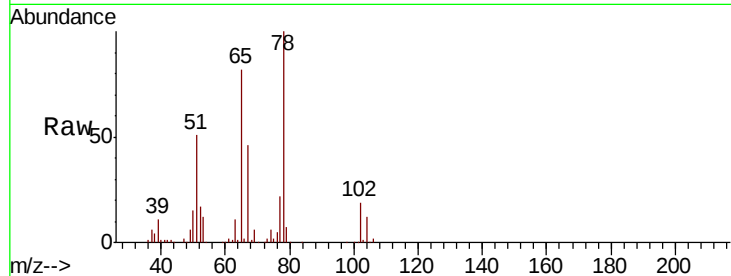
#33
 1,2-Dichloroethane-d4
 Concen: 50.849 ug/l
 RT: 8.16 min Scan# 1053
 Delta R.T. -0.01 min
 Lab File: VY002043.D
 Acq: 24 Mar 2020 12:28

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0324SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	55.3	0.0	110.8	

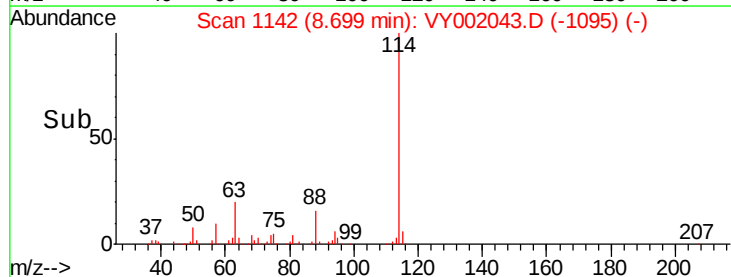
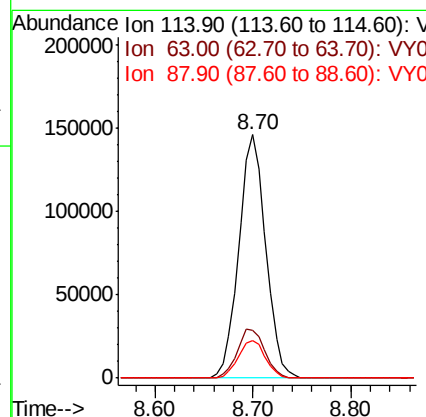
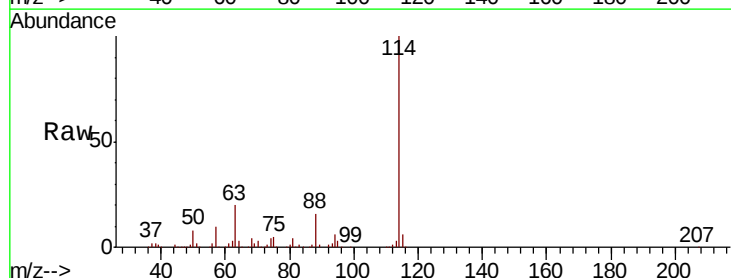
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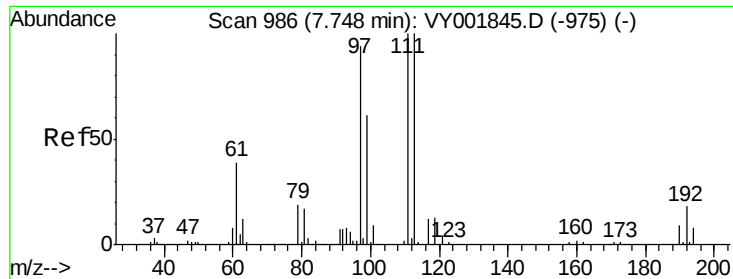
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: VY002043.D
 Acq: 24 Mar 2020 12:28

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	19.9	0.0	39.4	
88	15.5	0.0	30.4	





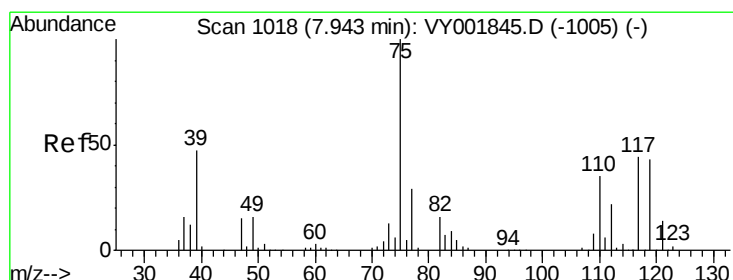
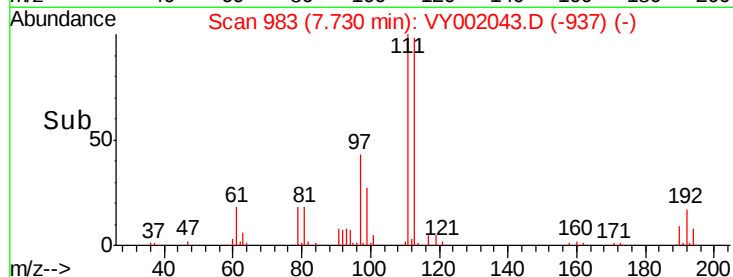
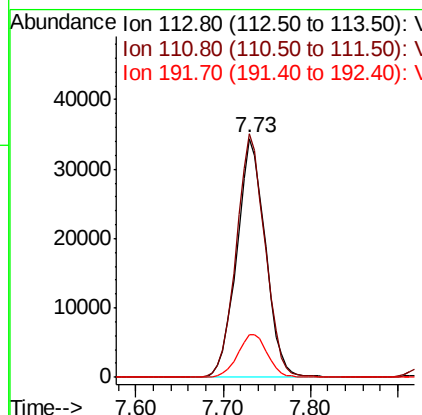
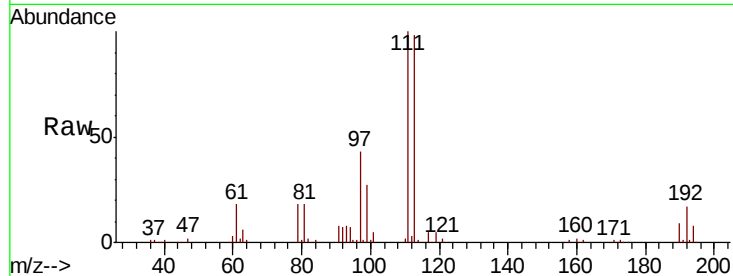
#35
 Dibromofluoromethane
 Concen: 51.449 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.02 min
 Lab File: VY002043.D
 Acq: 24 Mar 2020 12:28

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0324SBS01

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.8	81.8	122.8
192	18.5	14.2	21.2

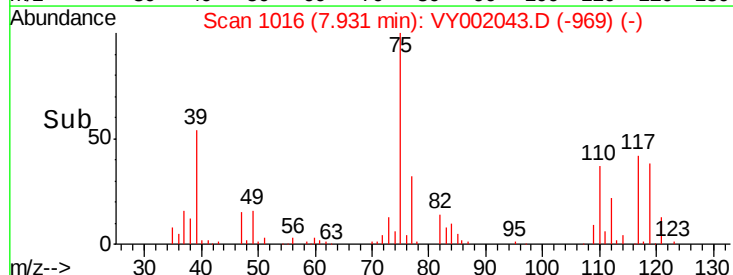
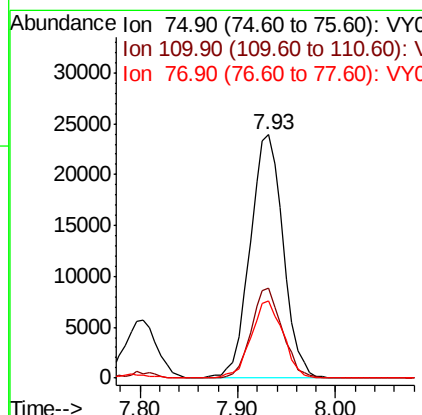
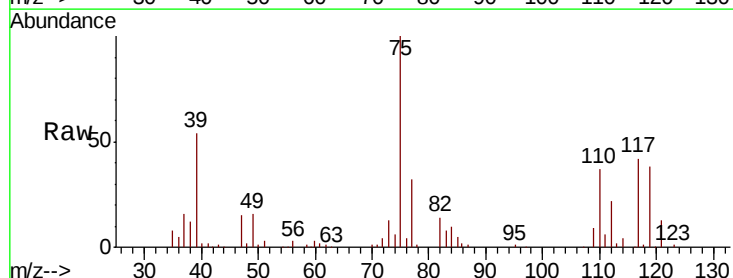
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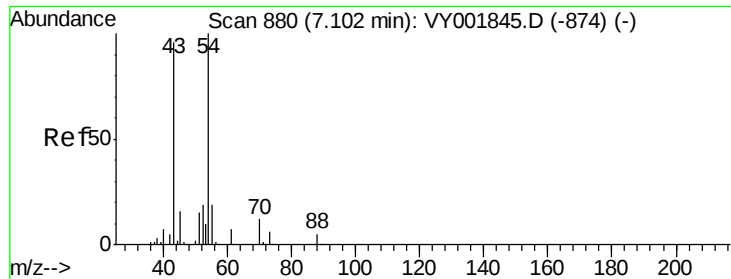
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#36
 1,1-Dichloropropene
 Concen: 21.026 ug/l
 RT: 7.93 min Scan# 1016
 Delta R.T. -0.01 min
 Lab File: VY002043.D
 Acq: 24 Mar 2020 12:28

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.8	17.4	52.2
77	30.7	24.2	36.2





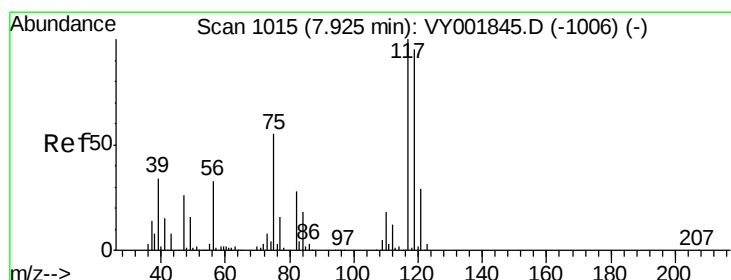
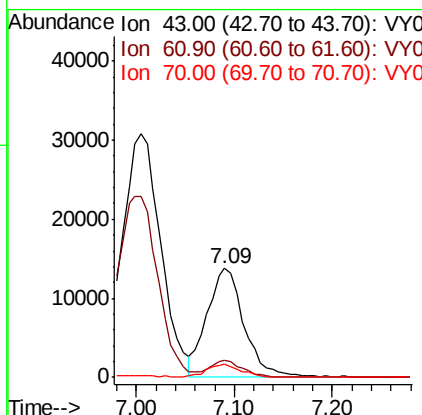
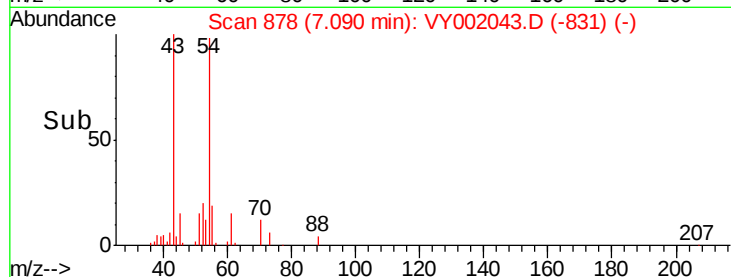
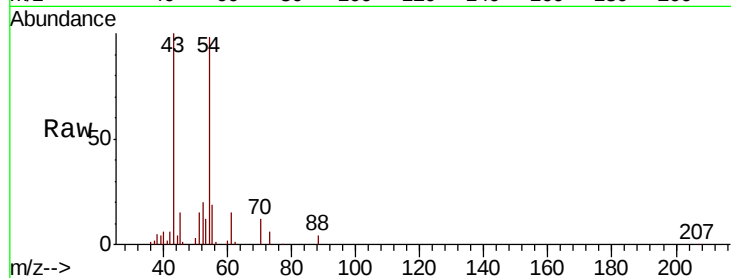
#37
Ethyl Acetate
Concen: 23.200 ug/l
RT: 7.09 min Scan# 878
Delta R.T. -0.01 min
Lab File: VY002043.D
Acq: 24 Mar 2020 12:28

Instrument :
MSVOA_Y
ClientSampleId :
VY0324SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.9	11.1	16.7
70	11.1	8.2	12.4

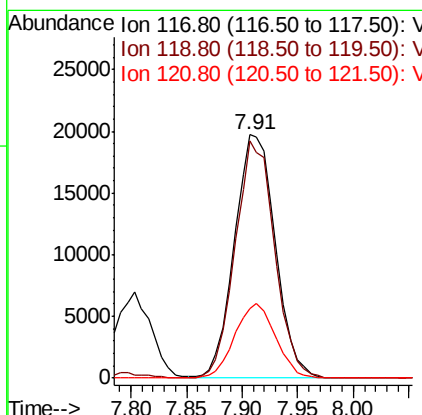
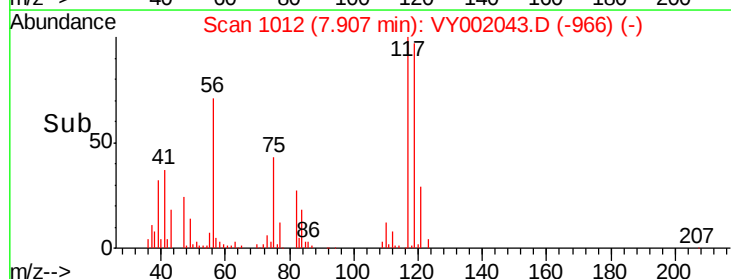
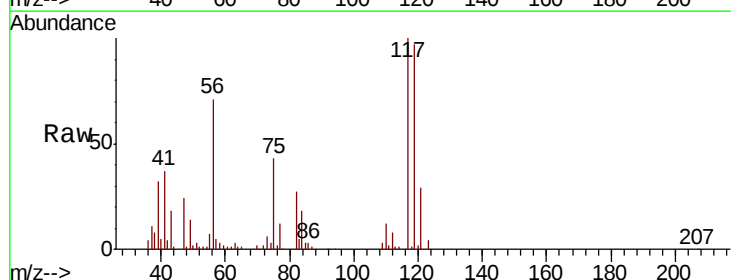
Manual Integrations
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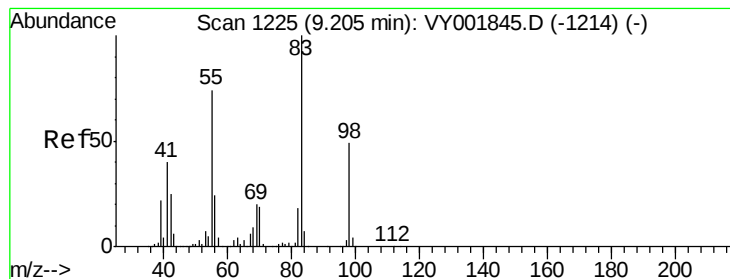
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#38
Carbon Tetrachloride
Concen: 21.991 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.02 min
Lab File: VY002043.D
Acq: 24 Mar 2020 12:28

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.3	76.3	114.5
121	28.7	23.5	35.3





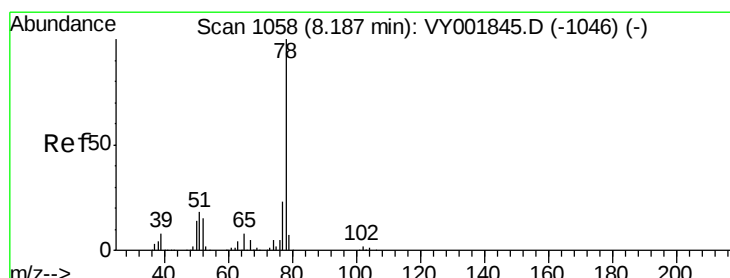
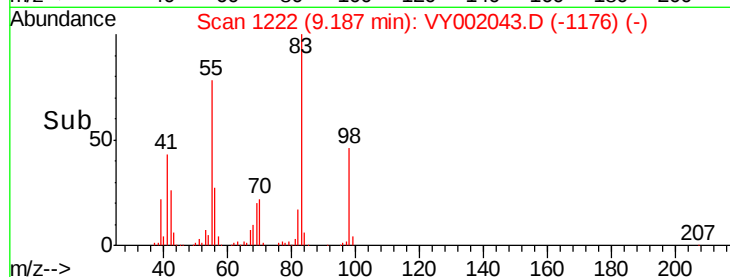
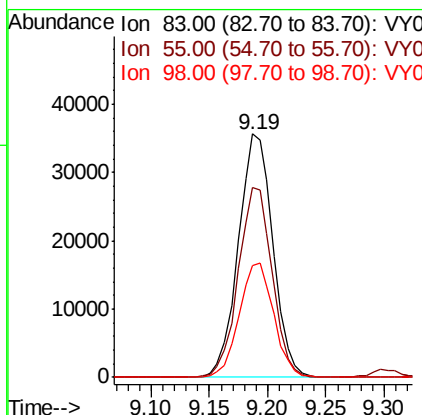
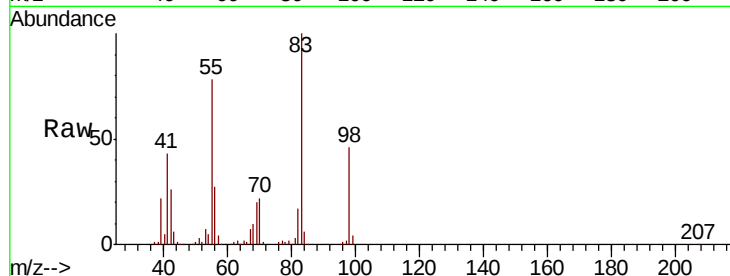
#39
Methvlcvclohexane
Concen: 20.737 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.02 min
Lab File: VY002043.D
Acq: 24 Mar 2020 12:28

Instrument :
MSVOA_Y
ClientSampleId :
VY0324SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.9	59.4	89.0
98	46.0	38.9	58.3

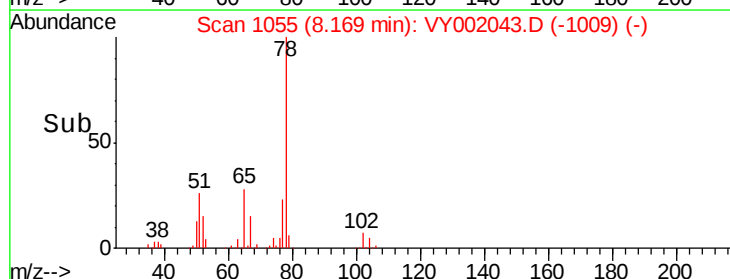
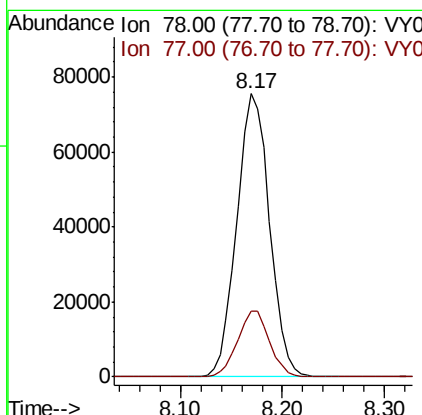
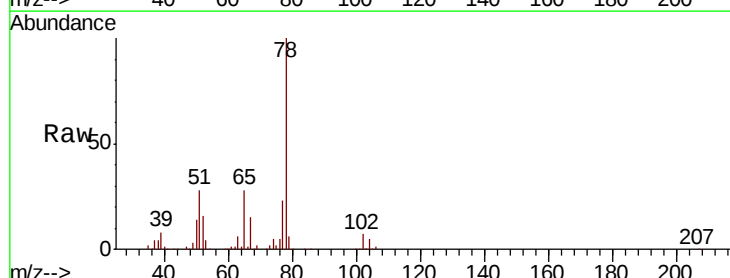
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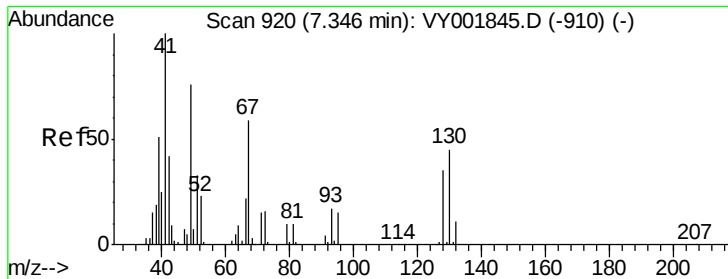
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#40
Benzene
Concen: 21.199 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.02 min
Lab File: VY002043.D
Acq: 24 Mar 2020 12:28

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.1	18.7	28.1





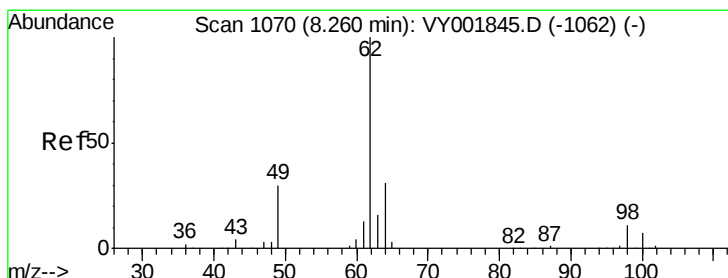
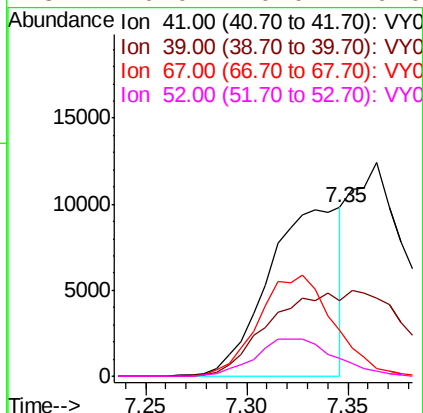
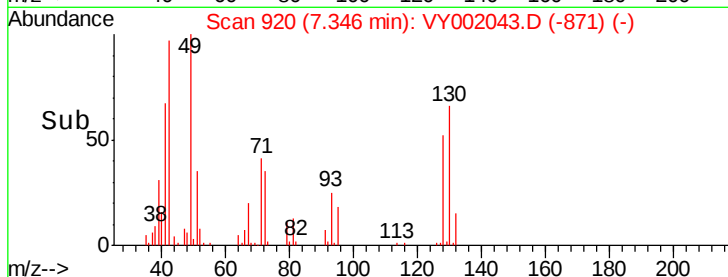
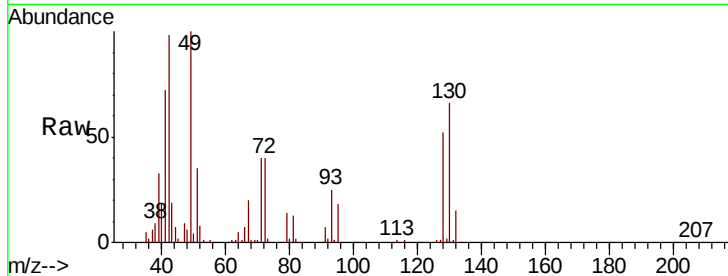
#41
Methacrylonitrile
Concen: 35.281 ug/l m
RT: 7.35 min Scan# 920
Delta R.T. 0.00 min
Lab File: VY002043.D
Acq: 24 Mar 2020 12:28

Instrument :
MSVOA_Y
ClientSampleId :
VY0324SBS01

Tot Ion	41	Resp	24711
Ion Ratio	Lower	Upper	
41	100		
39	90.3	111.7	167.5#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

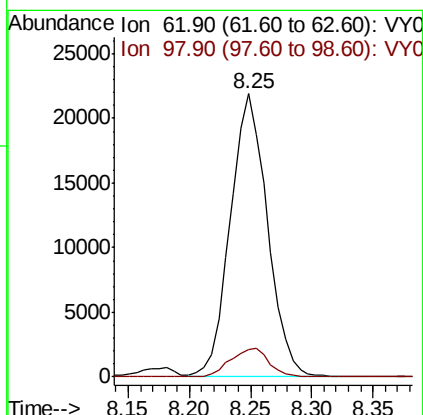
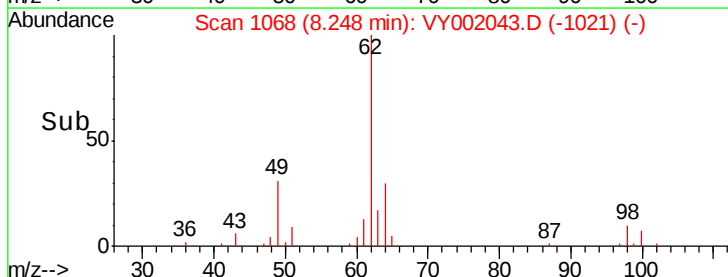
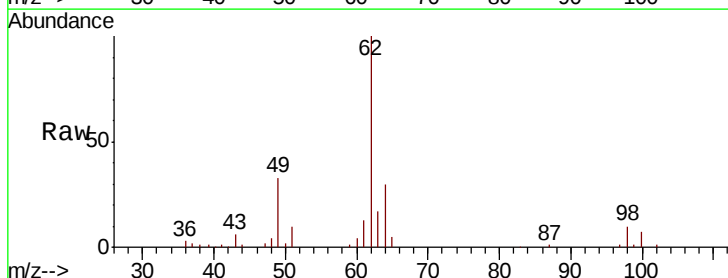
Manual Integrations
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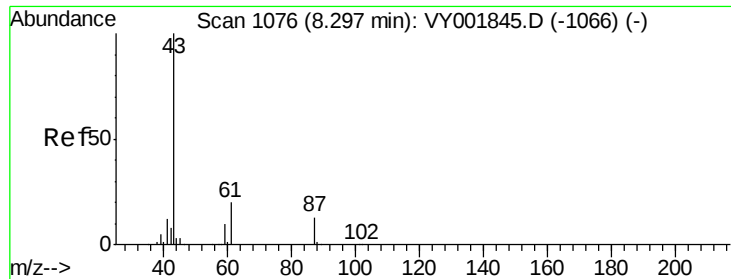
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#42
1,2-Dichloroethane
Concen: 22.450 ug/l
RT: 8.25 min Scan# 1068
Delta R.T. -0.01 min
Lab File: VY002043.D
Acq: 24 Mar 2020 12:28

Tgt Ion	62	Resp	45914
Ion Ratio	Lower	Upper	
62	100		
98	10.6	0.0	21.4





#43

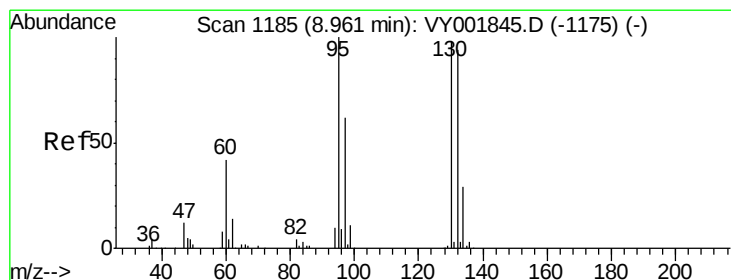
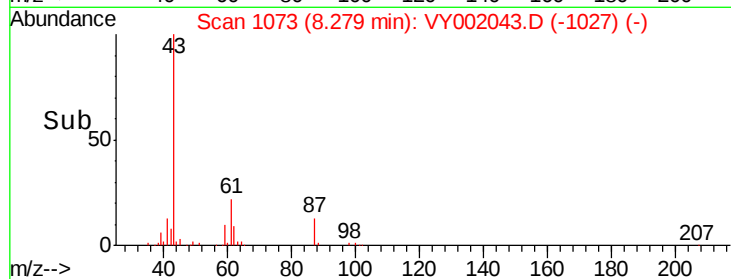
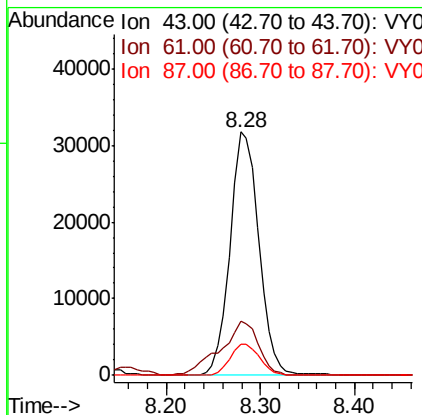
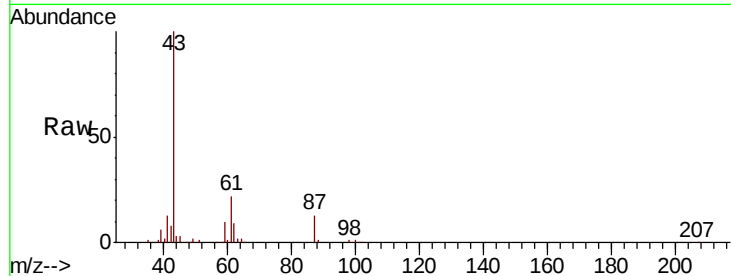
Isopropyl Acetate
 Concen: 23.079 ug/l
 RT: 8.28 min Scan# 1073
 Delta R.T. -0.02 min
 Lab File: VY002043.D
 Acq: 24 Mar 2020 12:28

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0324SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	29.2	23.8	35.6
87	12.9	10.9	16.3

Manual Integrations
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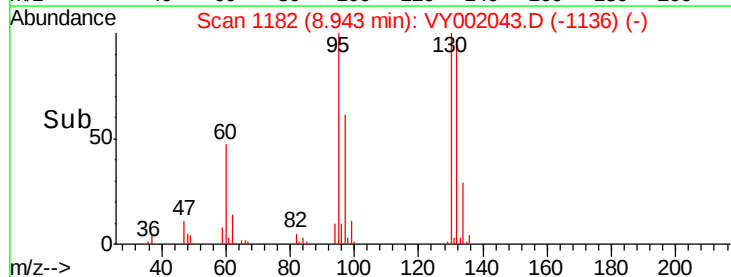
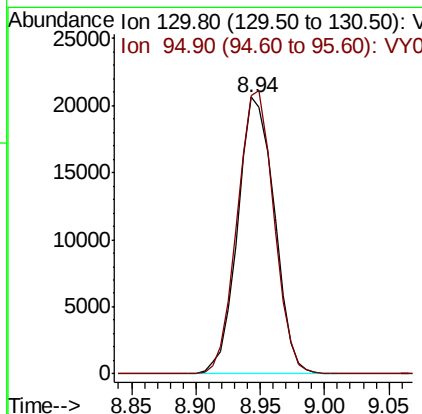
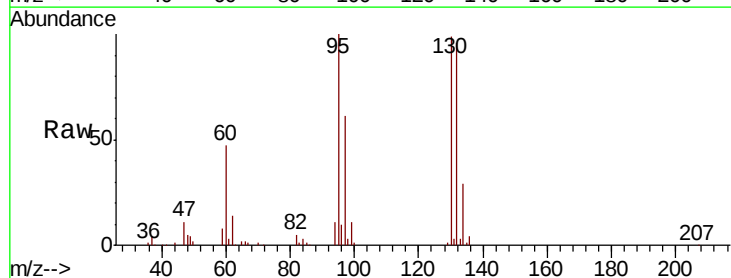
apatel
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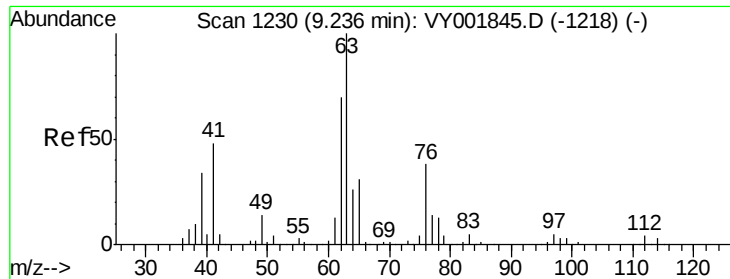


#44

Trichloroethene
 Concen: 21.070 ug/l
 RT: 8.94 min Scan# 1182
 Delta R.T. -0.02 min
 Lab File: VY002043.D
 Acq: 24 Mar 2020 12:28

Tgt Ion	Ratio	Lower	Upper
130	100		
95	100.8	0.0	204.6





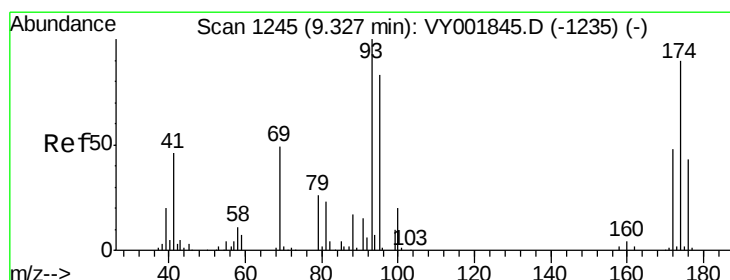
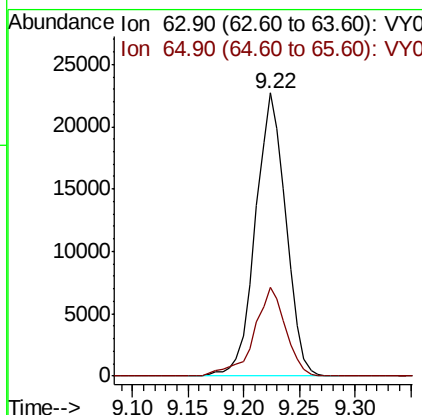
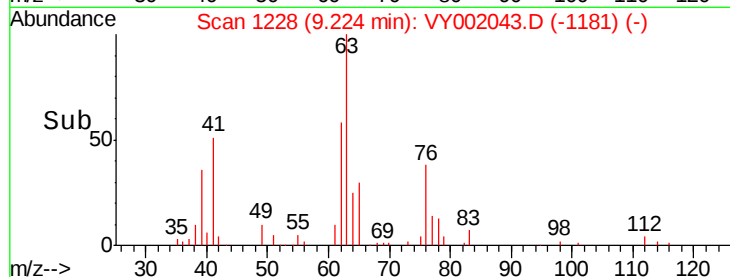
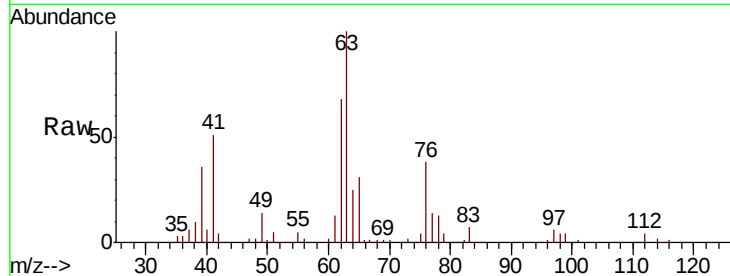
#45
 1,2-Dichloropropane
 Concen: 21.671 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: VY002043.D
 Acq: 24 Mar 2020 12:28

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0324SBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.3	24.9	37.3

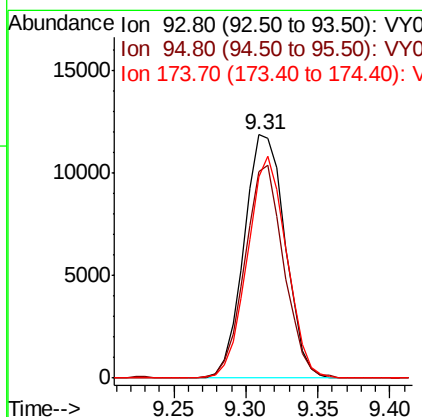
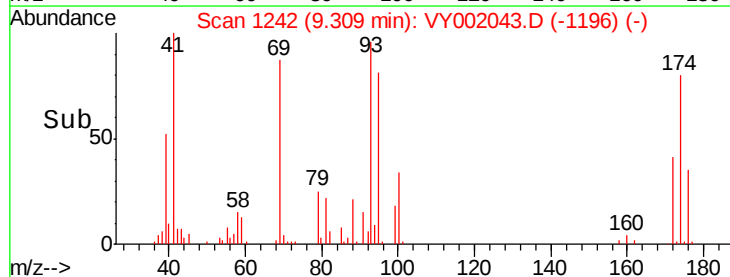
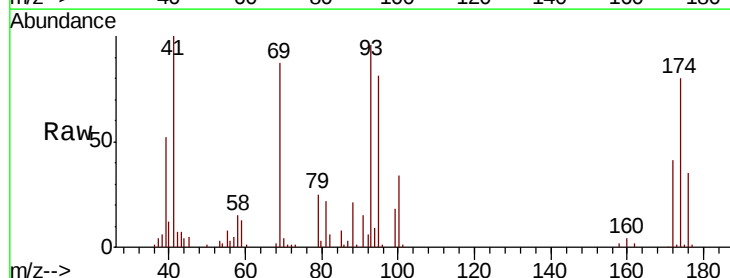
Manual Integrations
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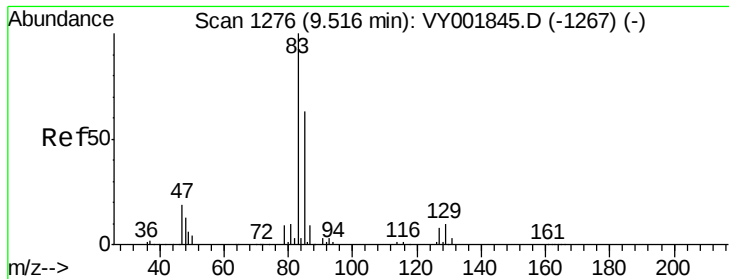
apatel
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#46
 Dibromomethane
 Concen: 22.780 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.02 min
 Lab File: VY002043.D
 Acq: 24 Mar 2020 12:28

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.0	67.0	100.4
174	87.0	71.8	107.8





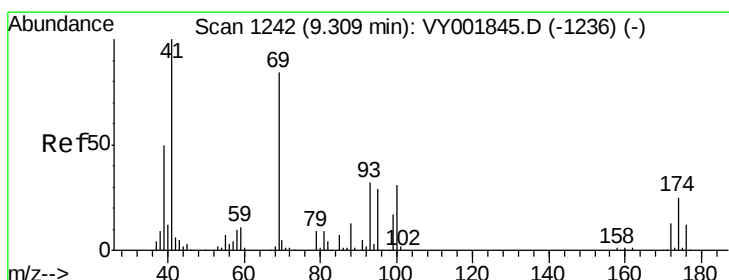
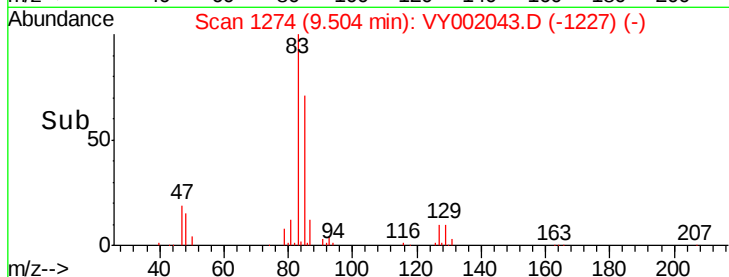
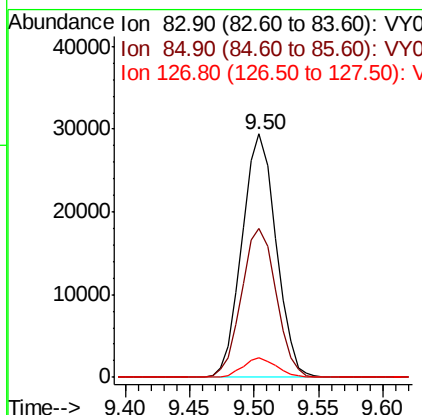
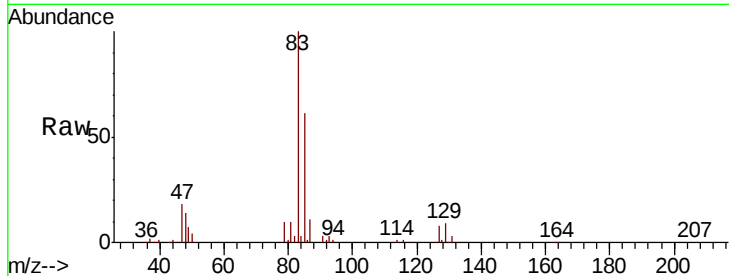
#47
Bromodichloromethane
Concen: 22.504 ug/l
RT: 9.50 min Scan# 1274
Delta R.T. -0.01 min
Lab File: VY002043.D
Acq: 24 Mar 2020 12:28

Instrument :
MSVOA_Y
ClientSampleId :
VY0324SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
85	61.2	50.6	76.0
127	8.3	6.2	9.4

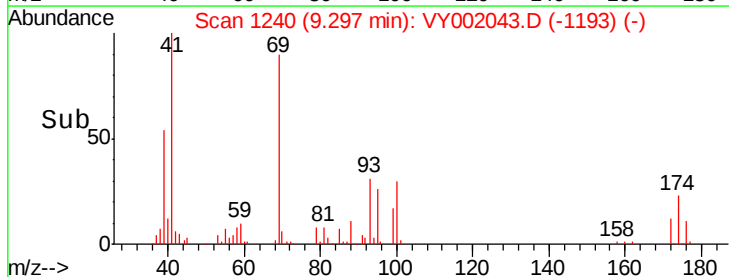
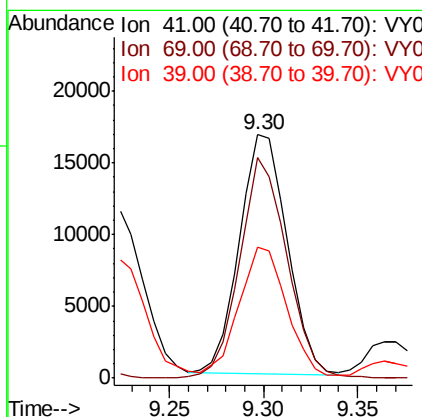
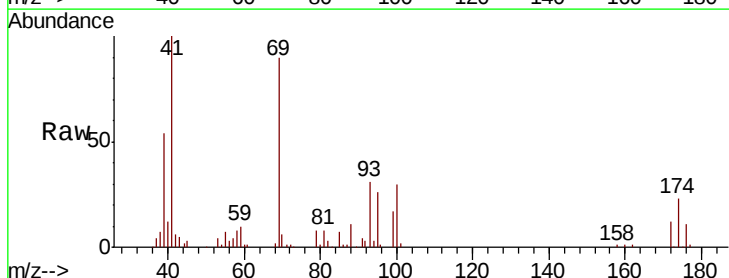
Manual Integrations
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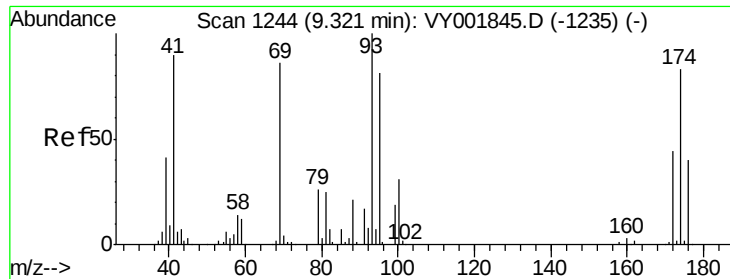
apatel
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#48
Methyl methacrylate
Concen: 22.558 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. -0.01 min
Lab File: VY002043.D
Acq: 24 Mar 2020 12:28

Tgt Ion	Ratio	Lower	Upper
41	100		
69	90.7	69.0	103.6
39	52.6	39.1	58.7





#49

1,4-Dioxane

Concen: 465.629 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. -0.01 min

Lab File: VY002043.D

Acq: 24 Mar 2020 12:28

Instrument :

MSVOA_Y

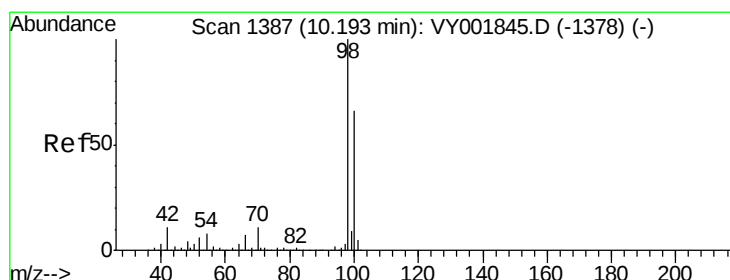
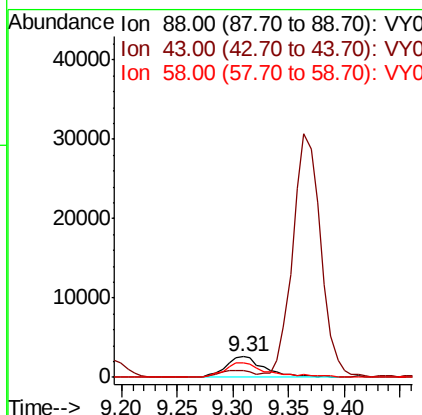
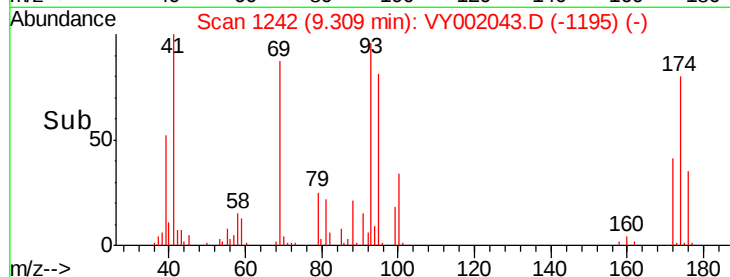
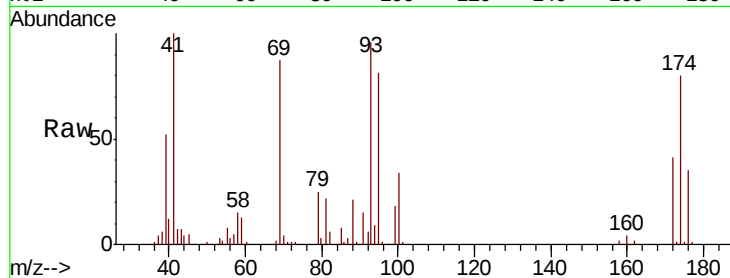
ClientSampleId :

VY0324SBS01

Tot Ion:	88	Resp:	6560
Ion	Ratio	Lower	Upper
88	100		
43	28.0	25.0	37.6
58	68.9	58.9	88.3

Manual Integrations
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#50

Toluene-d8

Concen: 48.133 ug/l

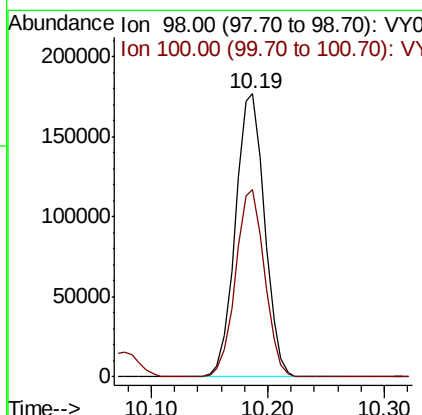
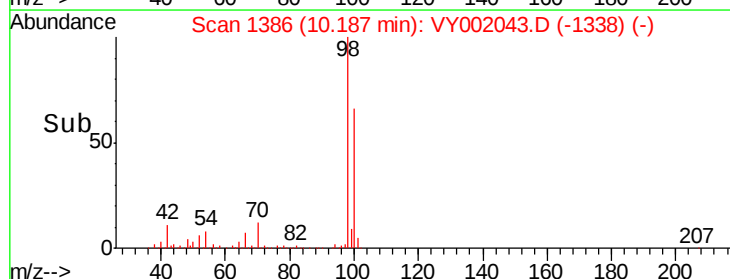
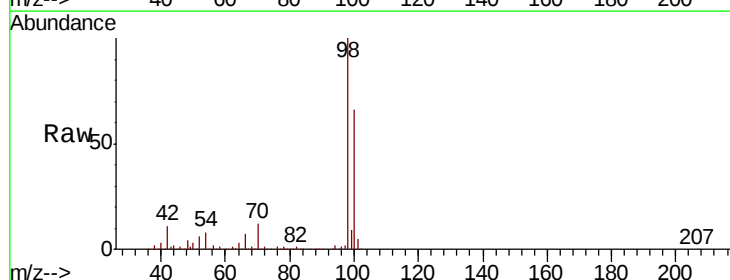
RT: 10.19 min Scan# 1386

Delta R.T. -0.01 min

Lab File: VY002043.D

Acq: 24 Mar 2020 12:28

Tgt Ion:	98	Resp:	308402
Ion	Ratio	Lower	Upper
98	100		
100	65.9	53.0	79.4





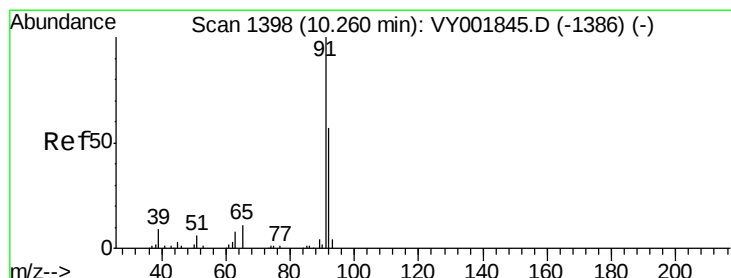
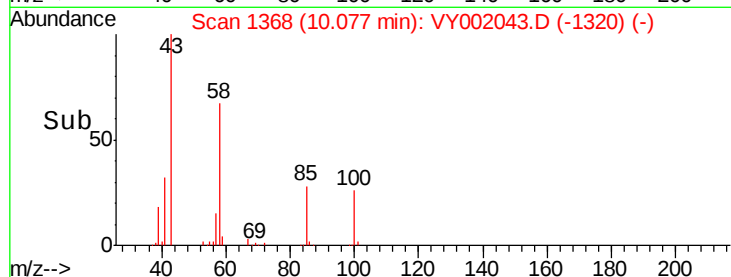
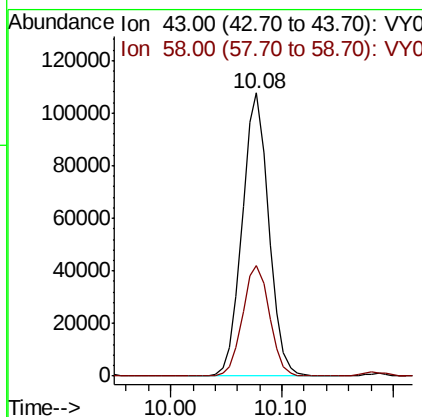
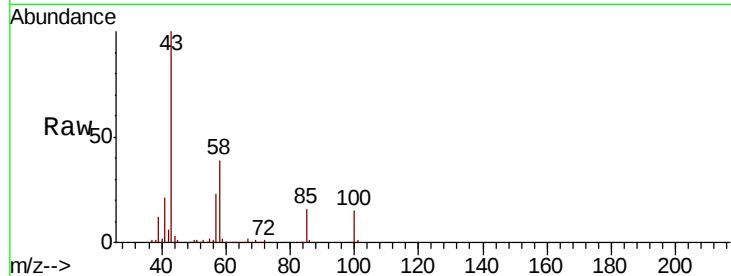
#51
4-Methyl-2-Pentanone
Concen: 117.290 ug/l
RT: 10.08 min Scan# 1368
Delta R.T. -0.01 min
Lab File: VY002043.D
Acq: 24 Mar 2020 12:28

Instrument :
MSVOA_Y
ClientSampleId :
VY0324SBS01

Tot Ion	43	58	Ratio	Lower	Upper
178008	100	39.8		32.0	48.0

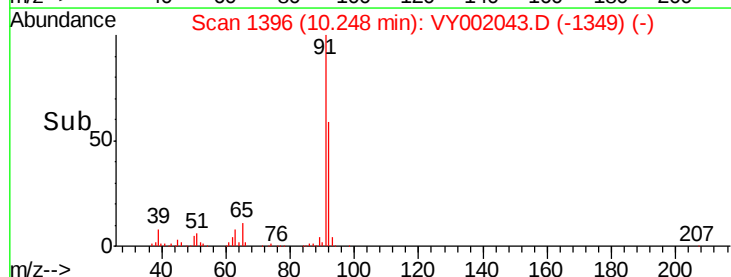
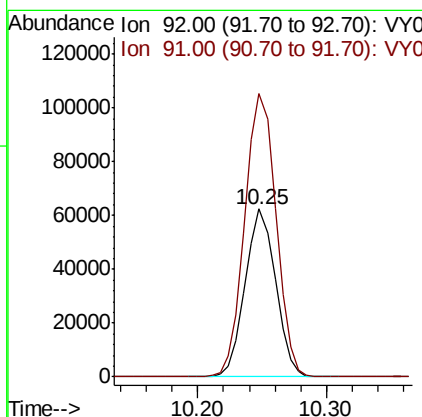
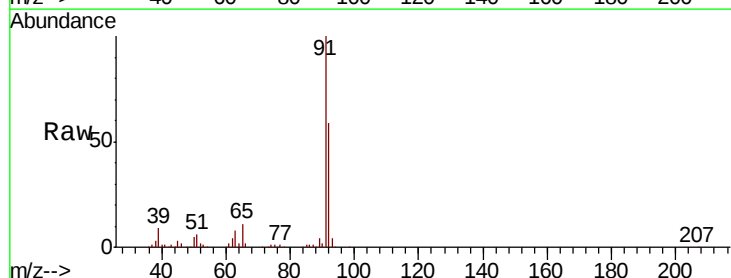
Manual Integrations
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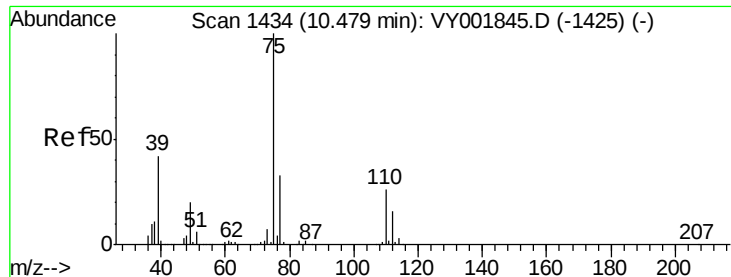
apatel
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#52
Toluene
Concen: 21.191 ug/l
RT: 10.25 min Scan# 1396
Delta R.T. -0.01 min
Lab File: VY002043.D
Acq: 24 Mar 2020 12:28

Tgt Ion	92	91	Ratio	Lower	Upper
102173	100	173.5		138.6	208.0





#53

t-1,3-Dichloropropene

Concen: 22.523 ug/l

RT: 10.47 min Scan# 1433

Delta R.T. -0.01 min

Lab File: VY002043.D

Acq: 24 Mar 2020 12:28

Instrument :

MSVOA_Y

ClientSampleId :

VY0324SBS01

Tot Ion: 75 Resp: 58689

Ion Ratio Lower Upper

75 100

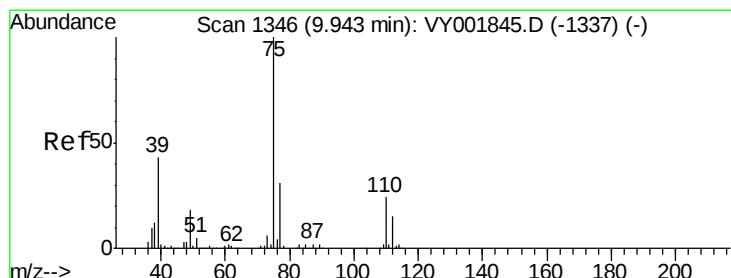
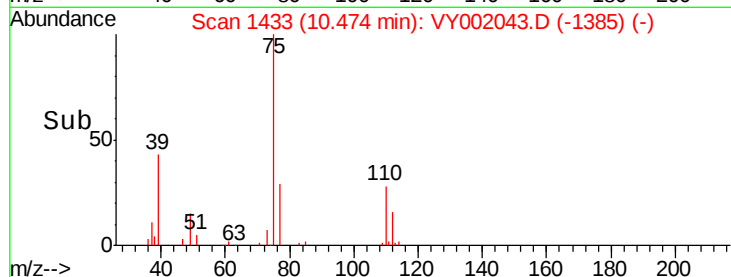
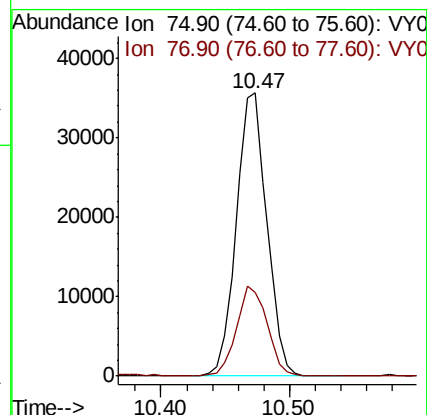
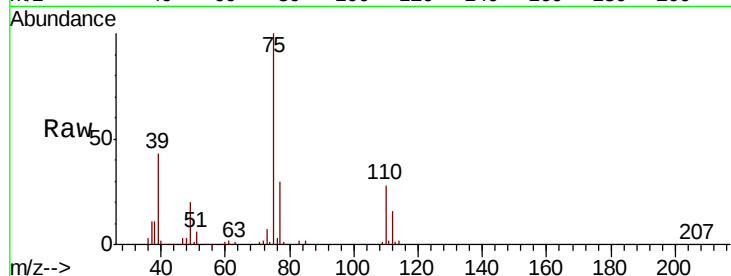
77 29.6 26.3 39.5

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 21.943 ug/l

RT: 9.94 min Scan# 1345

Delta R.T. -0.01 min

Lab File: VY002043.D

Acq: 24 Mar 2020 12:28

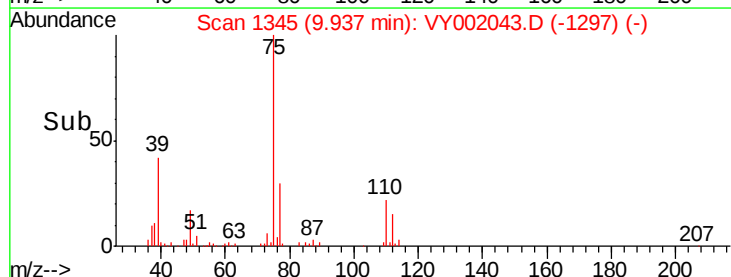
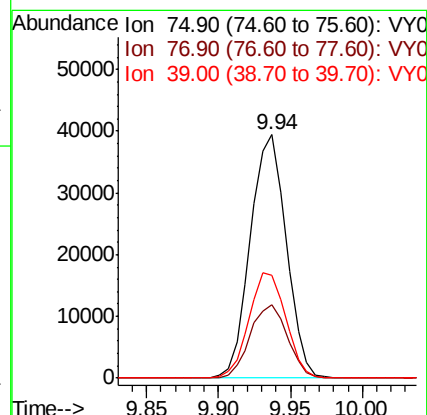
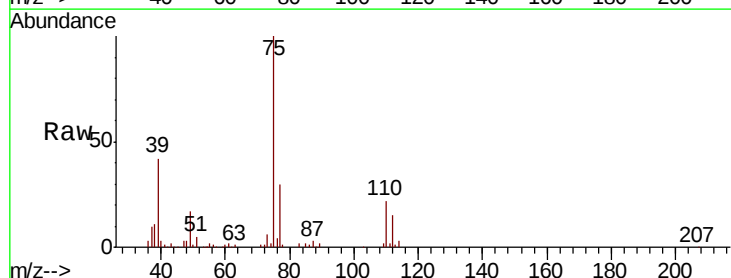
Tgt Ion: 75 Resp: 68067

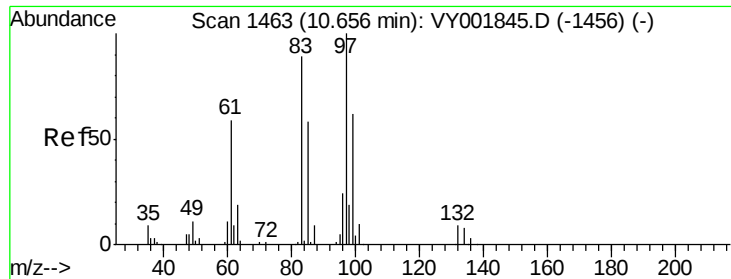
Ion Ratio Lower Upper

75 100

77 29.9 25.1 37.7

39 42.4 34.7 52.1





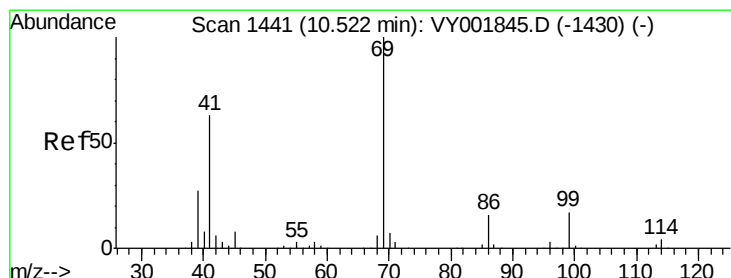
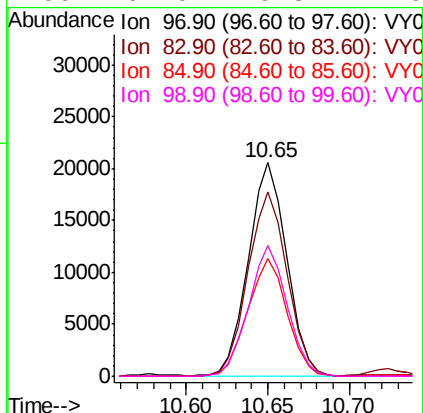
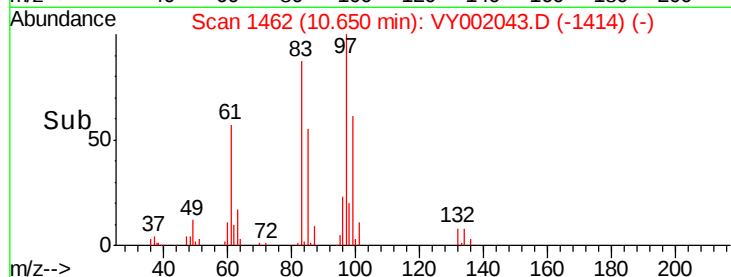
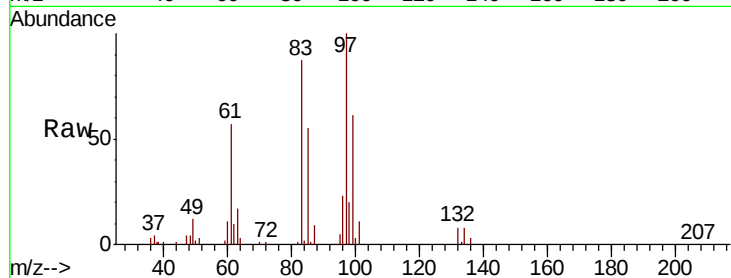
#55
 1,1,2-Trichloroethane
 Concen: 22.447 ug/l
 RT: 10.65 min Scan# 1462
 Delta R.T. -0.01 min
 Lab File: VY002043.D
 Acq: 24 Mar 2020 12:28

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0324SBS01

Tot Ion:	97	Resp:	33777
Ion	Ratio	Lower	Upper
97	100		
83	86.6	71.6	107.4
85	55.4	46.6	69.8
99	61.0	49.8	74.6

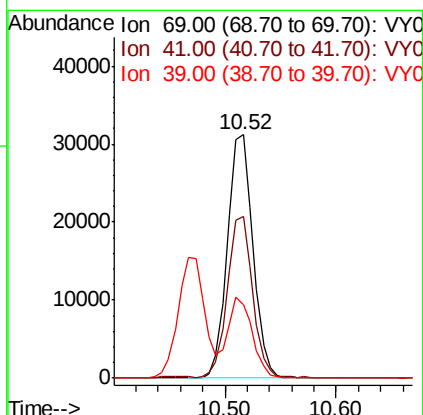
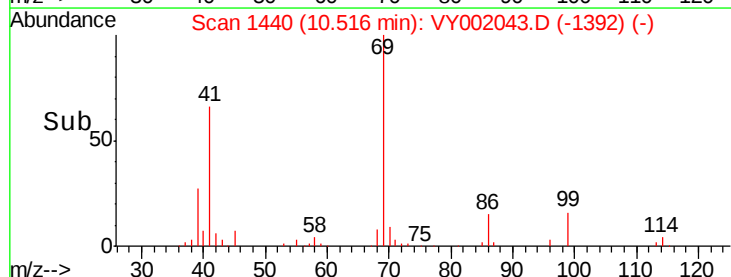
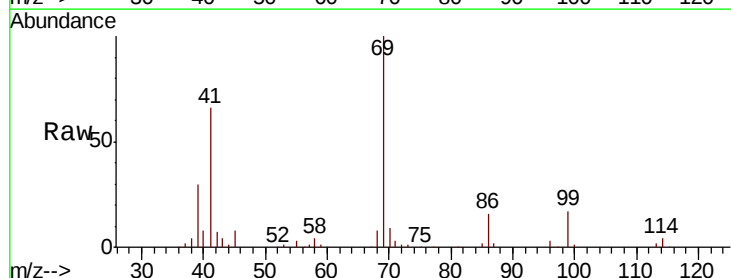
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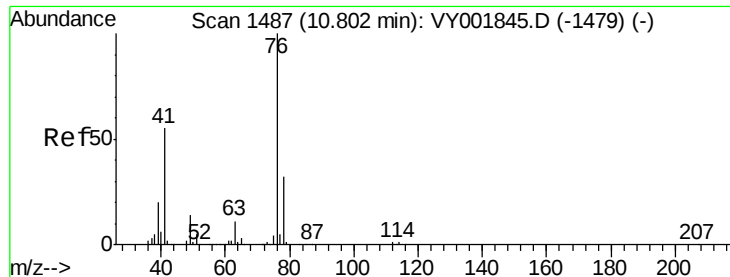
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#56
 Ethyl methacrylate
 Concen: 22.507 ug/l
 RT: 10.52 min Scan# 1440
 Delta R.T. -0.01 min
 Lab File: VY002043.D
 Acq: 24 Mar 2020 12:28

Tgt Ion:	69	Resp:	49639
Ion	Ratio	Lower	Upper
69	100		
41	66.2	49.9	74.9
39	32.0	23.0	34.6





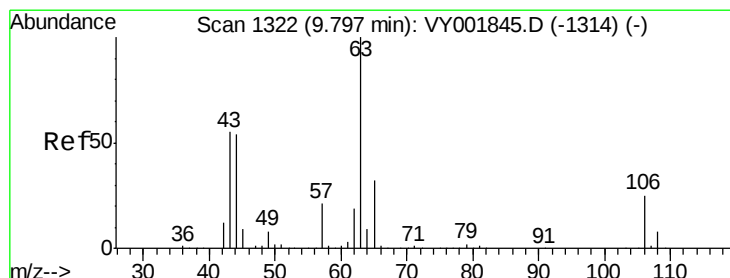
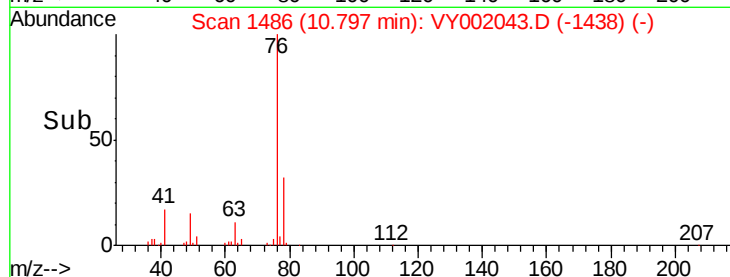
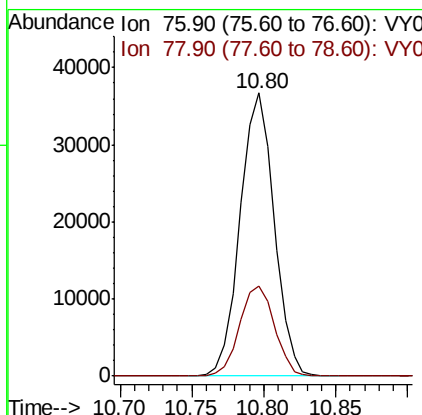
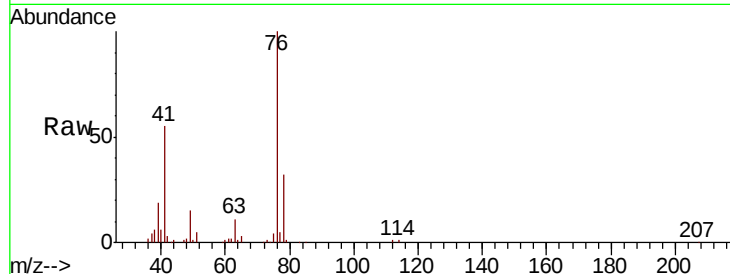
#57
 1,3-Dichloropropane
 Concen: 22.400 ug/l
 RT: 10.80 min Scan# 1486
 Delta R.T. -0.01 min
 Lab File: VY002043.D
 Acq: 24 Mar 2020 12:28

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0324SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.7	25.8	38.6

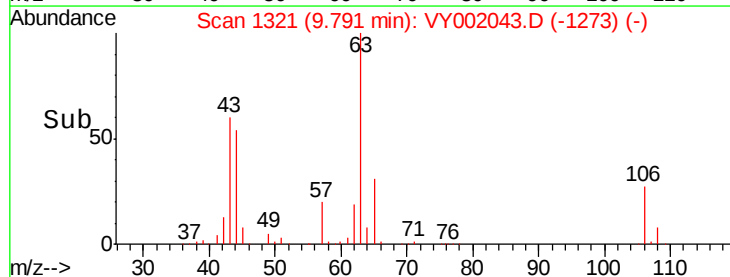
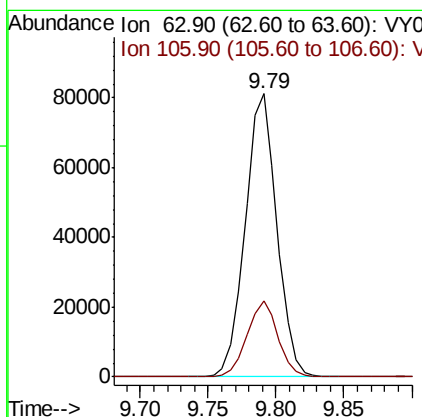
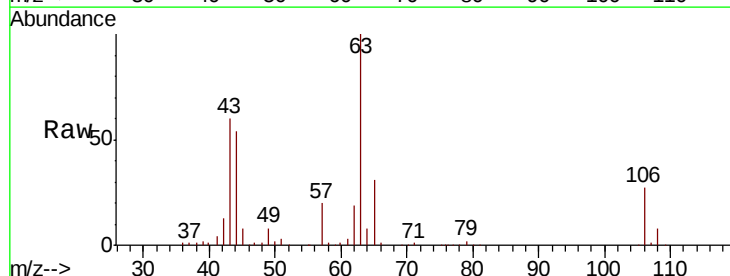
Manual Integrations
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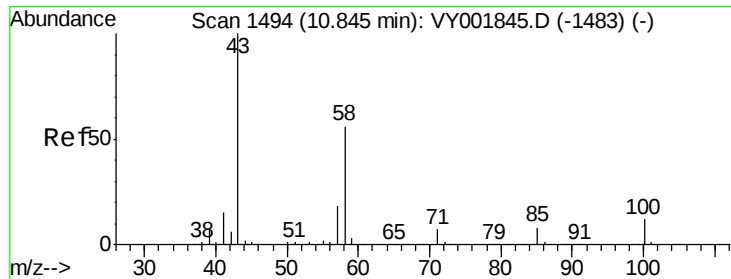
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#58
 2-Chloroethyl Vinyl ether
 Concen: 159.348 ug/l
 RT: 9.79 min Scan# 1321
 Delta R.T. -0.01 min
 Lab File: VY002043.D
 Acq: 24 Mar 2020 12:28

Tgt Ion	Ratio	Lower	Upper
63	100		
106	26.3	21.3	31.9





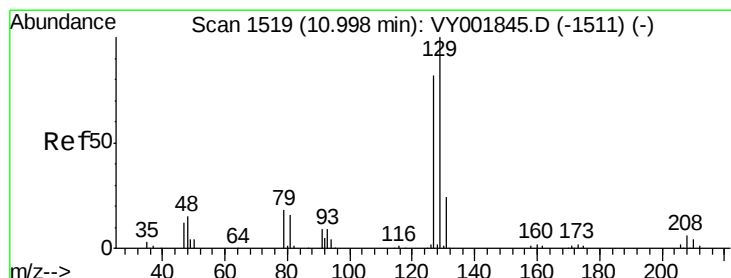
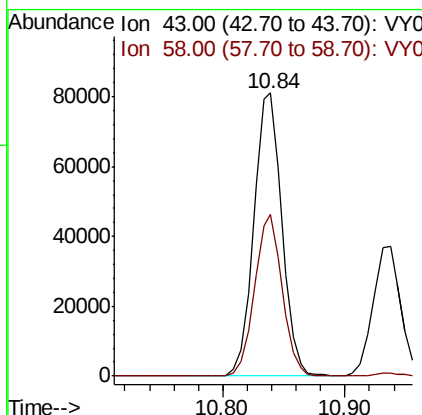
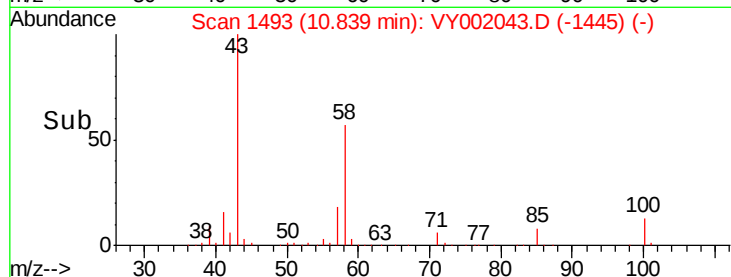
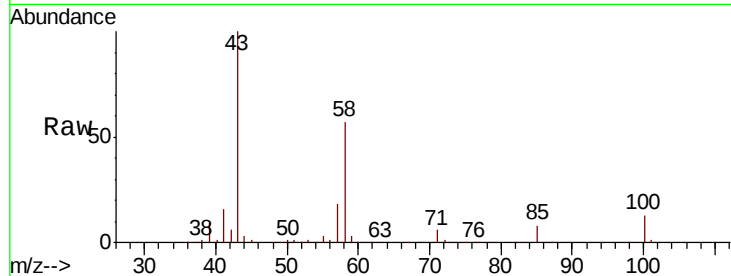
#59
2-Hexanone
Concen: 119.868 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. -0.01 min
Lab File: VY002043.D
Acq: 24 Mar 2020 12:28

Instrument :
MSVOA_Y
ClientSampleId :
VY0324SBS01

Tot Ion	43	58	Ratio	Lower	Upper
129847	100	56.0		28.1	84.3

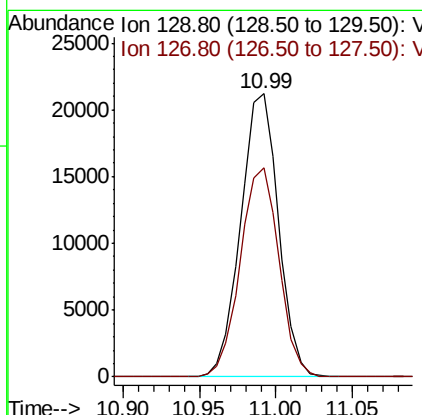
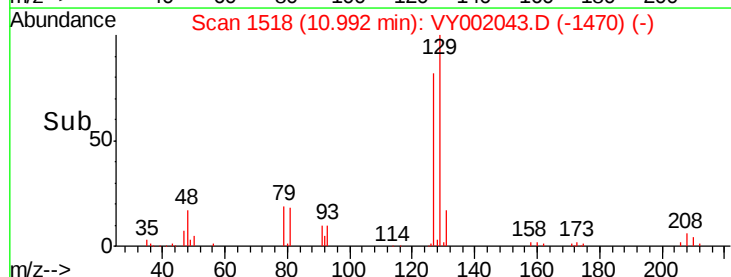
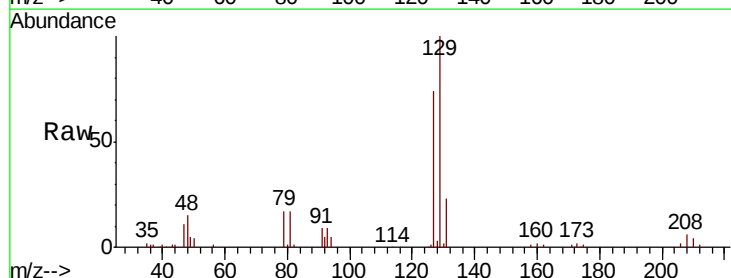
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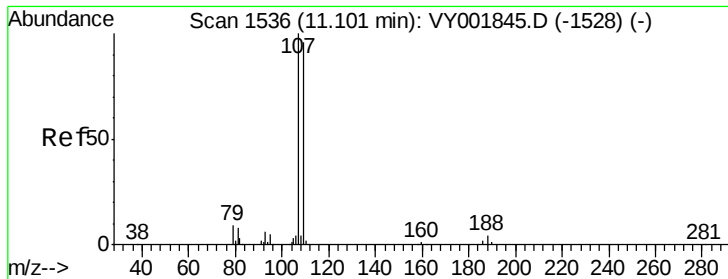
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#60
Dibromochloromethane
Concen: 22.904 ug/l
RT: 10.99 min Scan# 1518
Delta R.T. -0.01 min
Lab File: VY002043.D
Acq: 24 Mar 2020 12:28

Tgt Ion	129	127	Ratio	Lower	Upper
36315	100	75.8		39.0	117.0





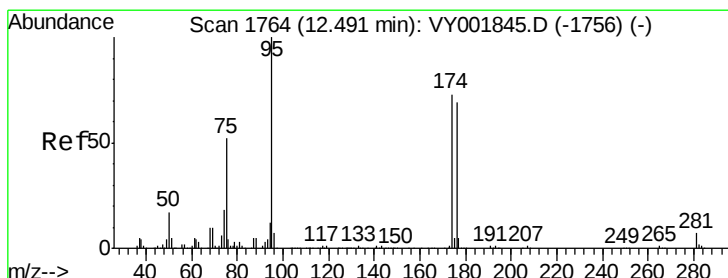
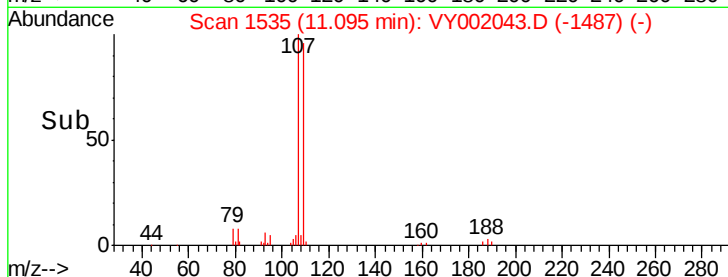
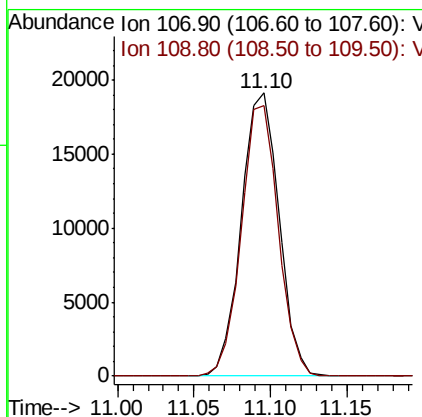
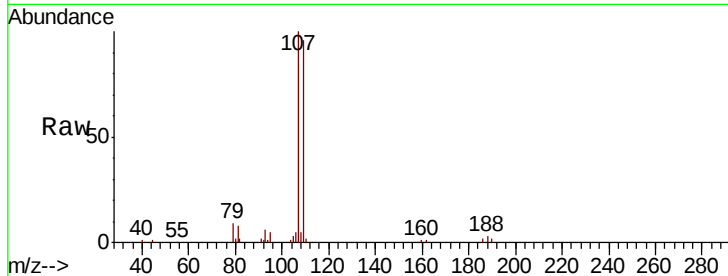
#61
 1,2-Dibromoethane
 Concen: 22.981 ug/l
 RT: 11.10 min Scan# 1535
 Delta R.T. -0.01 min
 Lab File: VY002043.D
 Acq: 24 Mar 2020 12:28

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0324SBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.8	75.4	113.0

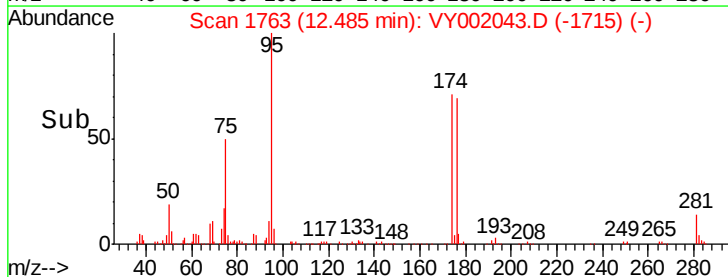
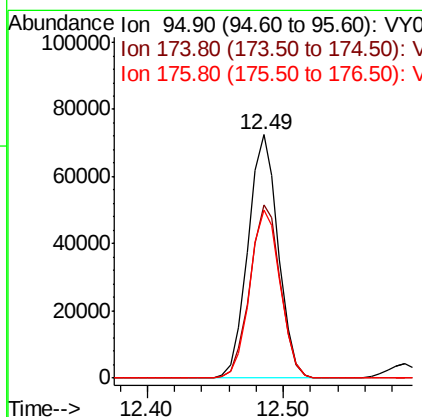
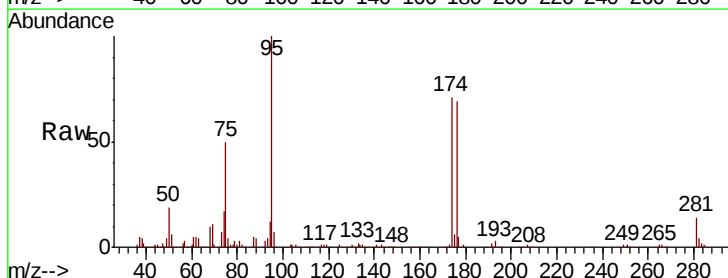
Manual Integrations
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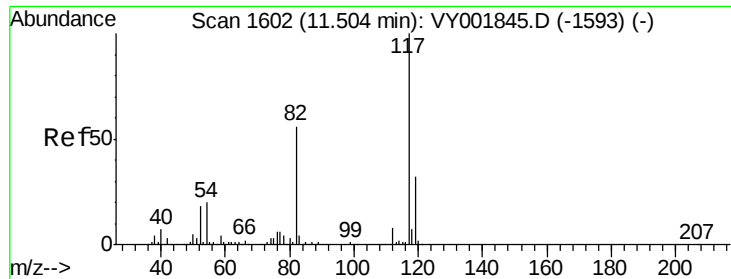
apatel
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#62
 4-Bromofluorobenzene
 Concen: 50.668 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. -0.01 min
 Lab File: VY002043.D
 Acq: 24 Mar 2020 12:28

Tgt Ion	Ratio	Lower	Upper
95	100		
174	71.5	0.0	145.0
176	69.6	0.0	137.4





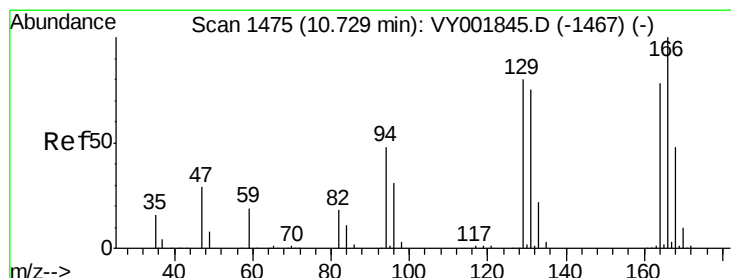
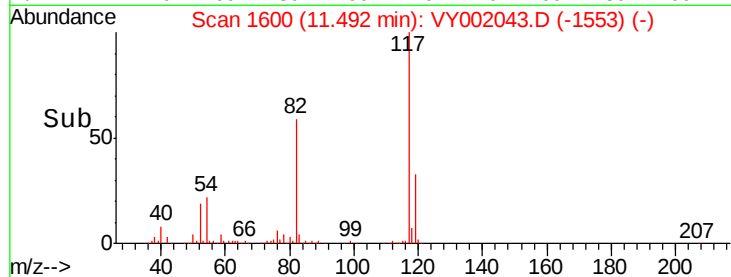
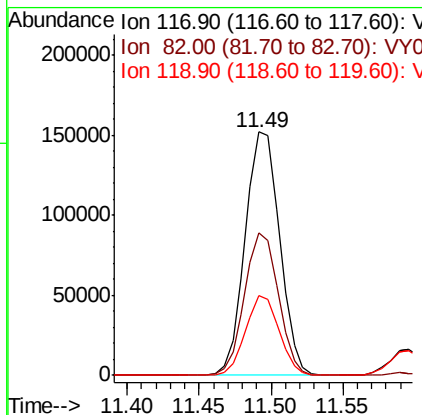
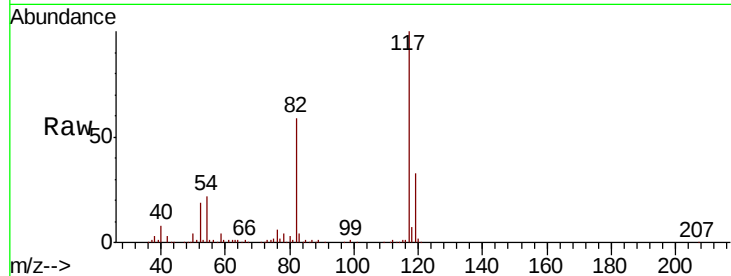
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY002043.D
Acq: 24 Mar 2020 12:28

Instrument :
MSVOA_Y
ClientSampleId :
VY0324SBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.5	44.5	66.7
119	32.7	25.7	38.5

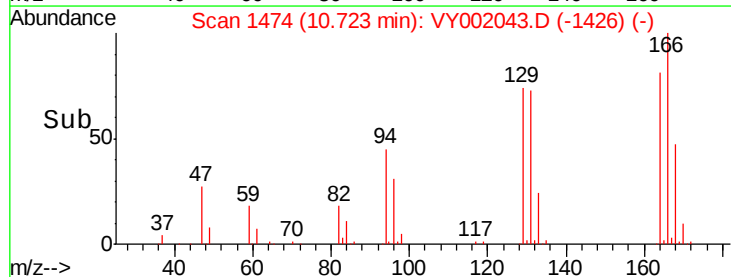
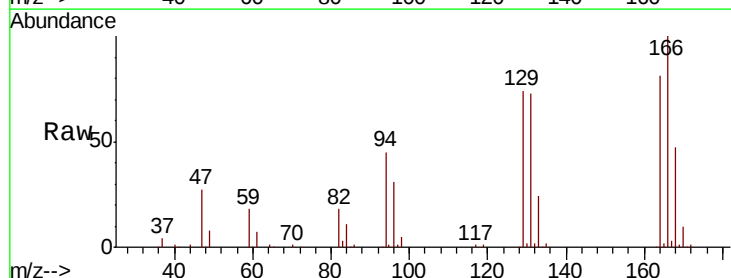
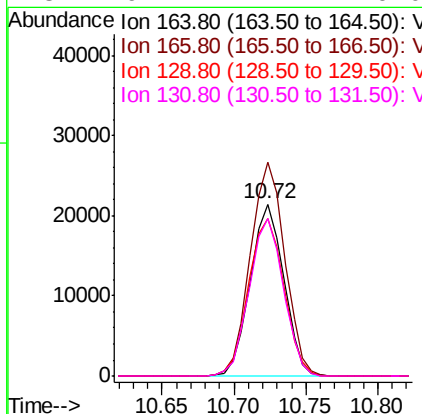
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#64
Tetrachloroethene
Concen: 21.859 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. -0.01 min
Lab File: VY002043.D
Acq: 24 Mar 2020 12:28

Tgt Ion	Ratio	Lower	Upper
164	100		
166	124.2	102.6	154.0
129	91.3	82.3	123.5
131	91.2	77.4	116.0





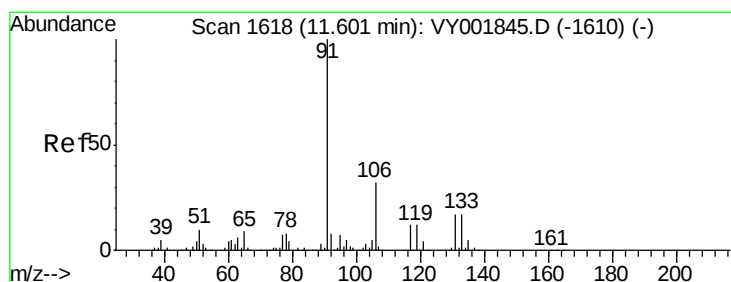
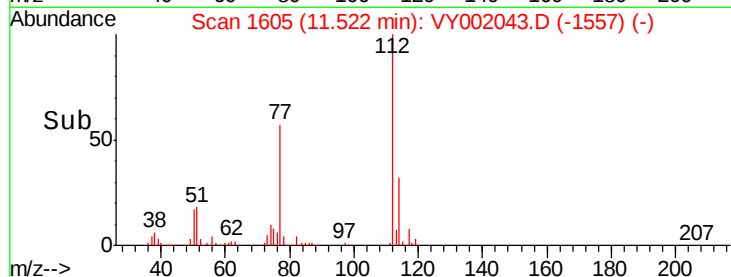
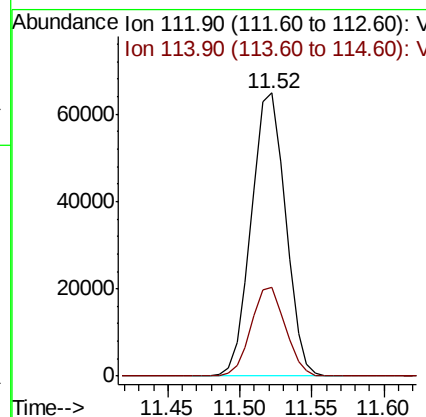
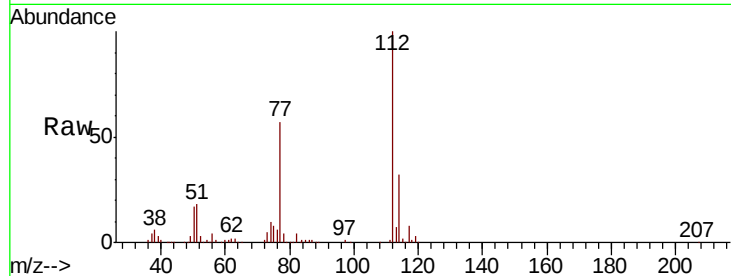
#65
Chlorobenzene
Concen: 21.207 ug/l
RT: 11.52 min Scan# 1605
Delta R.T. -0.01 min
Lab File: VY002043.D
Acq: 24 Mar 2020 12:28

Instrument :
MSVOA_Y
ClientSampleId :
VY0324SBS01

Tot Ion	Ratio	Resp	Lower	Upper
112	100	106452		
114	31.6	25.9	38.9	

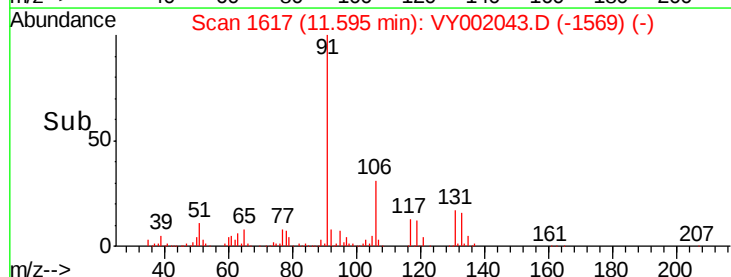
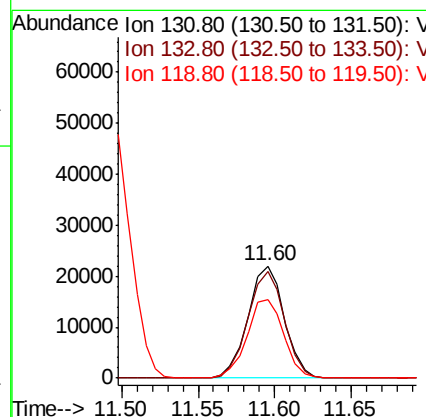
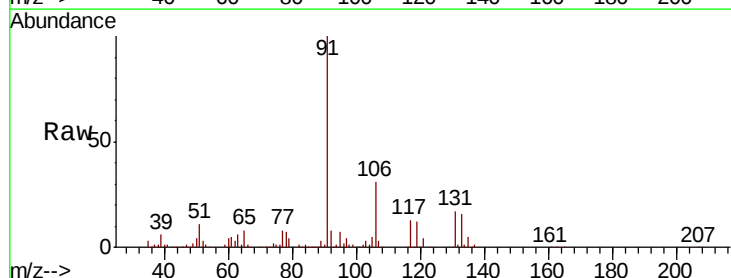
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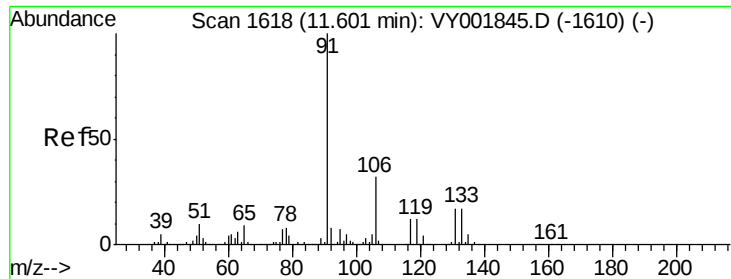
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#66
1,1,1,2-Tetrachloroethane
Concen: 21.984 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. -0.01 min
Lab File: VY002043.D
Acq: 24 Mar 2020 12:28

Tgt Ion	Ratio	Resp	Lower	Upper
131	100	36188		
133	95.2	47.1	141.3	
119	71.0	34.5	103.6	





#67

Ethyl Benzene

Concen: 20.924 ug/l

RT: 11.60 min Scan# 1617

Delta R.T. -0.01 min

Lab File: VY002043.D

Acq: 24 Mar 2020 12:28

Instrument :

MSVOA_Y

ClientSampleId :

VY0324SBS01

Tot Ion: 91 Resp: 195888

Ion Ratio Lower Upper

91 100

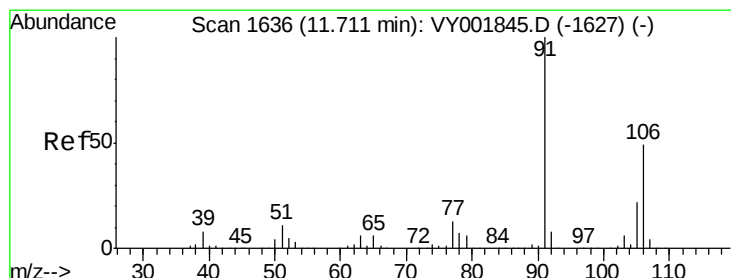
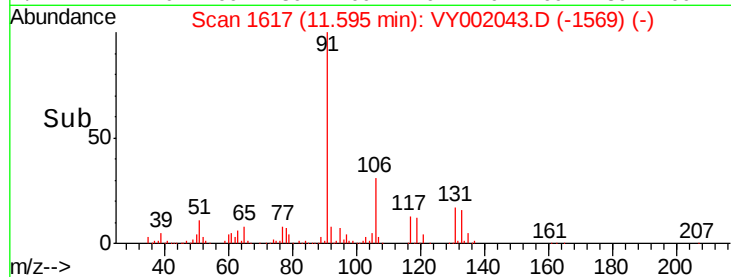
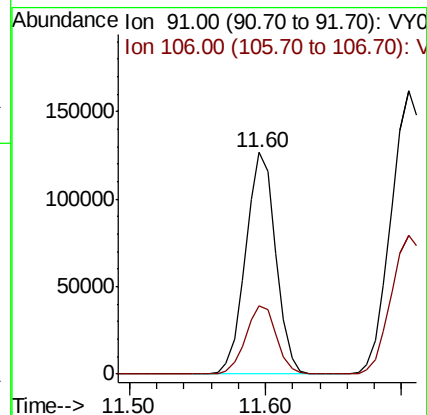
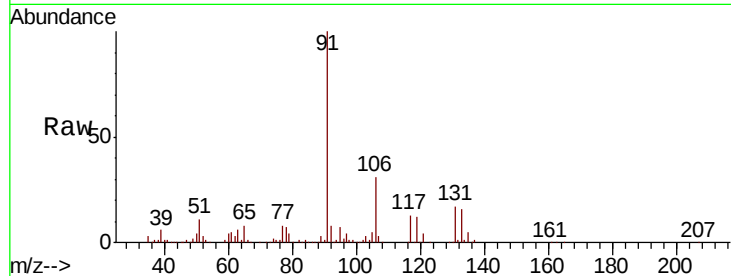
106 30.7 25.4 38.2

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#68

m/p-Xylenes

Concen: 42.440 ug/l

RT: 11.70 min Scan# 1635

Delta R.T. -0.01 min

Lab File: VY002043.D

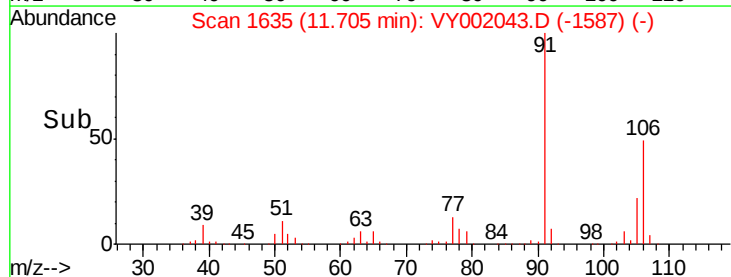
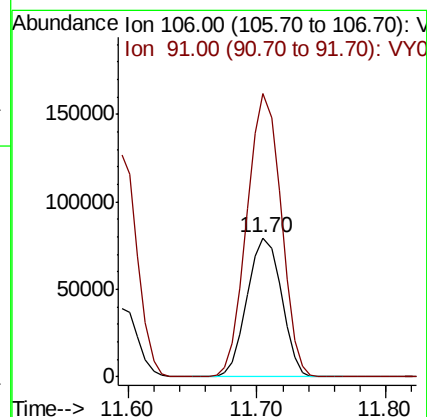
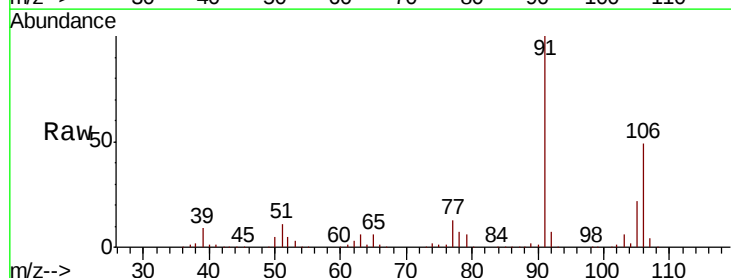
Acq: 24 Mar 2020 12:28

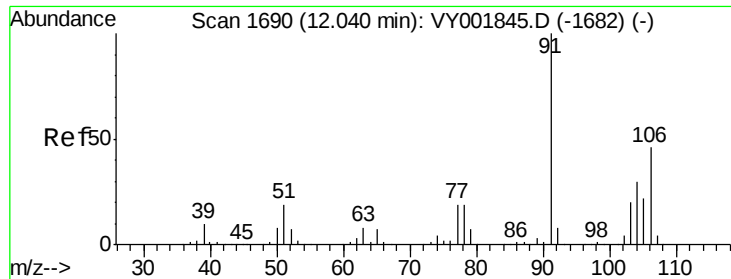
Tgt Ion: 106 Resp: 146892

Ion Ratio Lower Upper

106 100

91 202.5 161.3 241.9





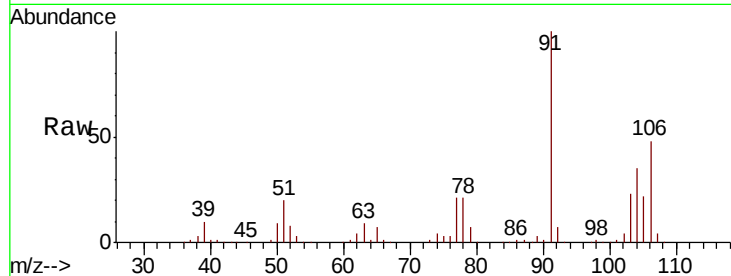
#69
o-Xylene
Concen: 21.777 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. -0.01 min
Lab File: VY002043.D
Acq: 24 Mar 2020 12:28

Instrument :
MSVOA_Y
ClientSampled :
VY0324SBS01

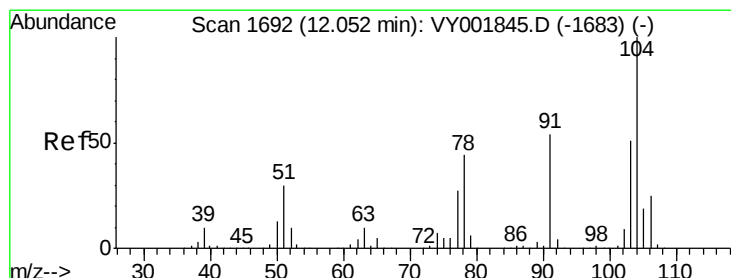
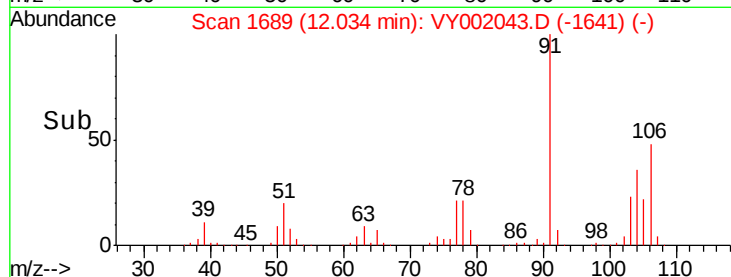
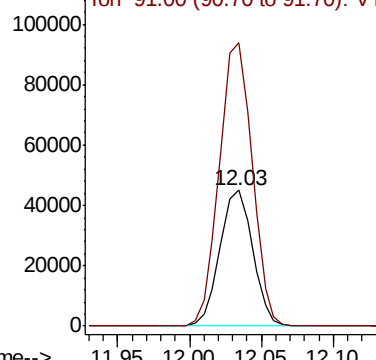
Tot Ion:106 Resp: 71041
Ion Ratio Lower Upper
106 100
91 209.3 106.8 320.4

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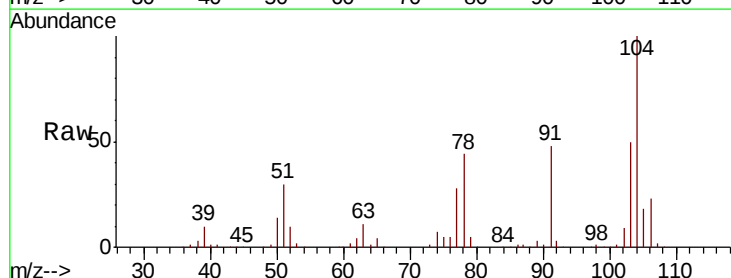


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0

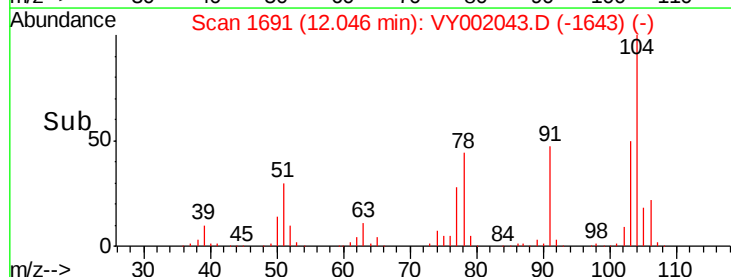
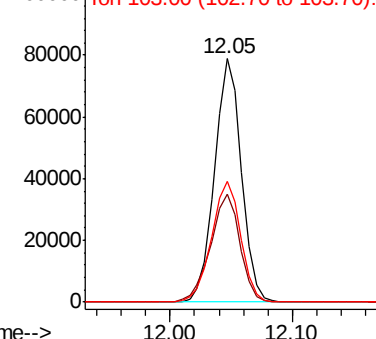


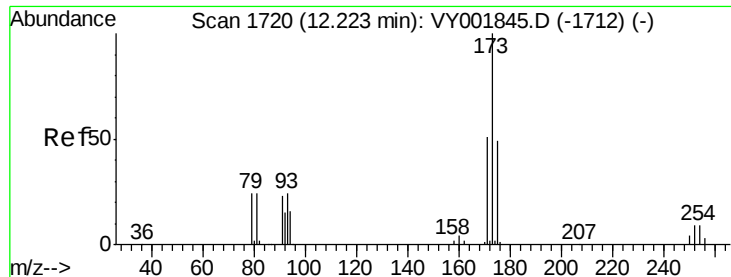
#70
Styrene
Concen: 21.456 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. -0.01 min
Lab File: VY002043.D
Acq: 24 Mar 2020 12:28

Tgt Ion:104 Resp: 119882
Ion Ratio Lower Upper
104 100
78 48.5 38.5 57.7
103 53.9 42.9 64.3



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VY0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 23.167 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. -0.01 min

Lab File: VY002043.D

Acq: 24 Mar 2020 12:28

Instrument :

MSVOA_Y

ClientSampleId :

VY0324SBS01

Tot Ion:173 Resp: 20682

Ion Ratio Lower Upper

173 100

175 49.8 24.3 72.8

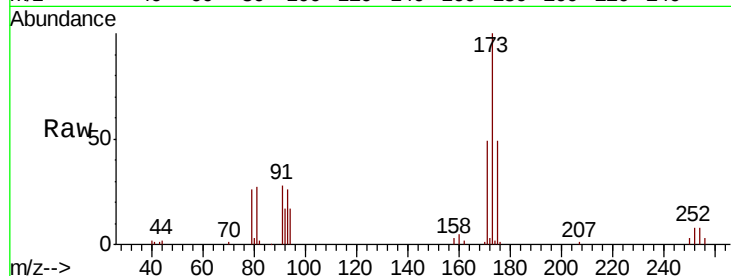
254 0.0 0.0 0.0

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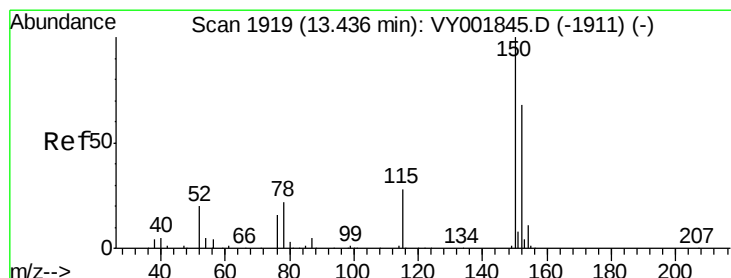
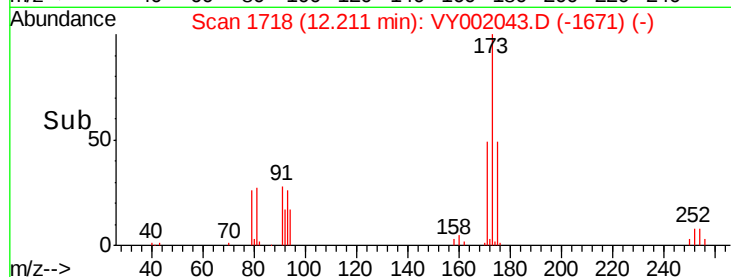
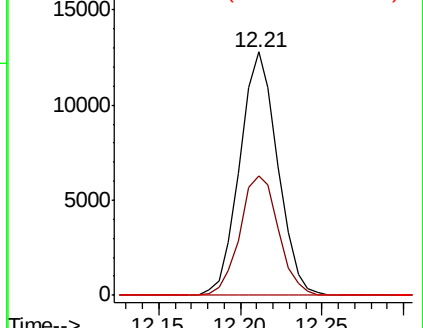
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Abundance Ion 172.70 (172.40 to 173.40): V

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: 13.43 min Scan# 1918

Delta R.T. -0.01 min

Lab File: VY002043.D

Acq: 24 Mar 2020 12:28

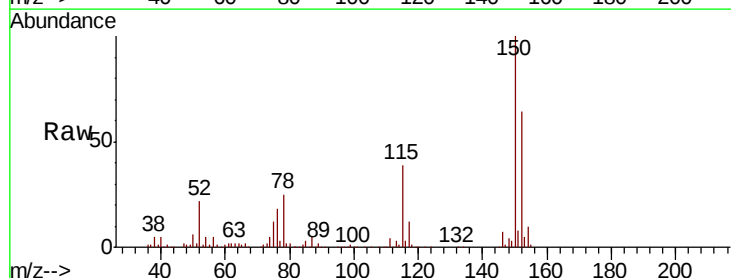
Tgt Ion:152 Resp: 118780

Ion Ratio Lower Upper

152 100

115 61.8 29.9 89.7

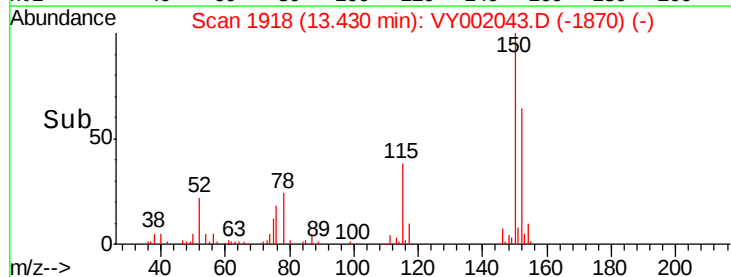
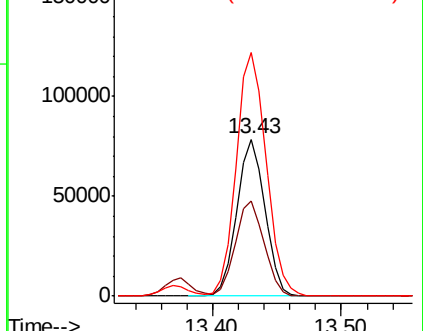
150 165.9 0.0 340.6



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: 20.792 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. -0.01 min

Lab File: VY002043.D

Acq: 24 Mar 2020 12:28

Instrument :

MSVOA_Y

ClientSampleId :

VY0324SBS01

Tot Ion: 105 Resp: 188529

Ion Ratio Lower Upper

105 100

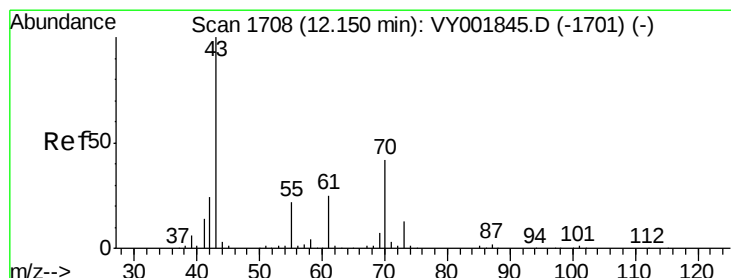
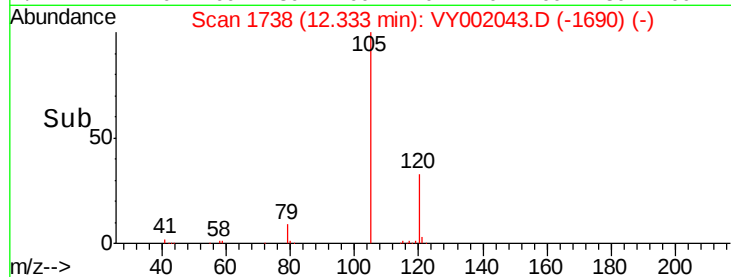
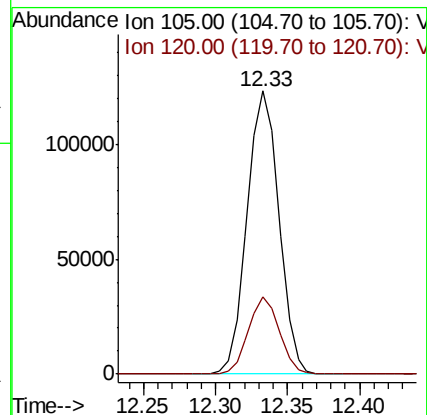
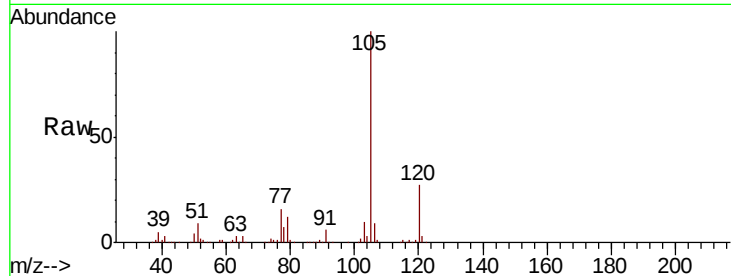
120 26.4 13.1 39.3

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#74

N-ethyl acetate

Concen: 22.240 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.01 min

Lab File: VY002043.D

Acq: 24 Mar 2020 12:28

Tgt Ion: 43 Resp: 61978

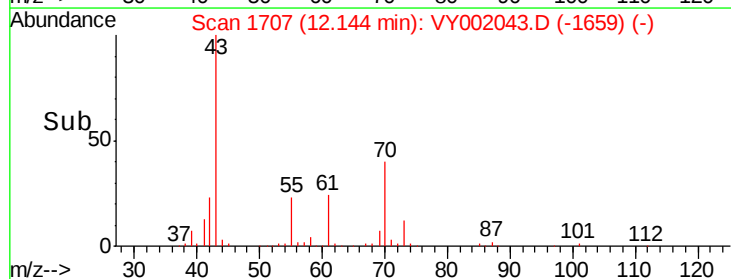
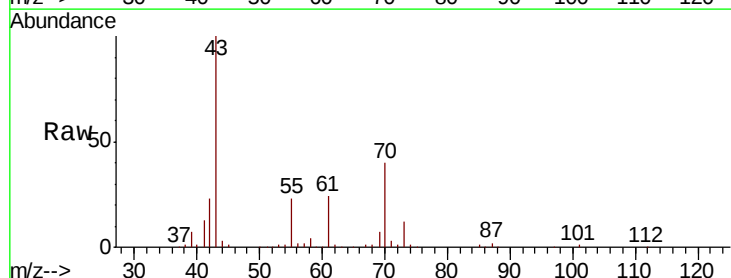
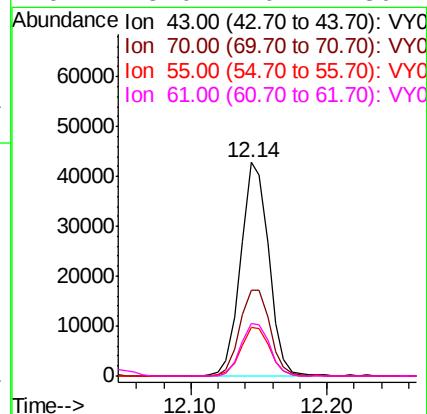
Ion Ratio Lower Upper

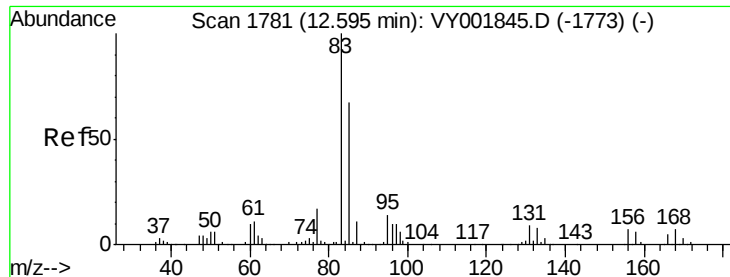
43 100

70 43.3 34.7 52.1

55 23.6 18.2 27.4

61 25.0 20.1 30.1





#75

1,1,2,2-Tetrachloroethane

Concen: 22.176 ug/l

RT: 12.59 min Scan# 1780

Delta R.T. -0.01 min

Lab File: VY002043.D

Acq: 24 Mar 2020 12:28

Instrument :

MSVOA_Y

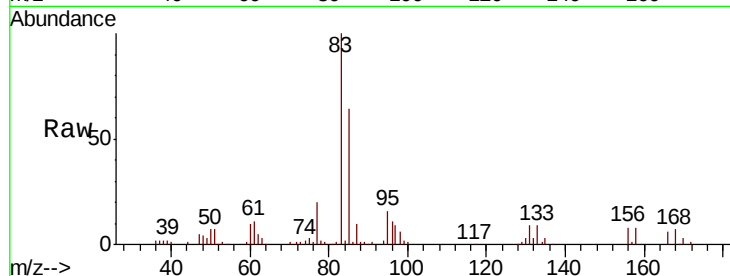
ClientSampleId :

VY0324SBS01

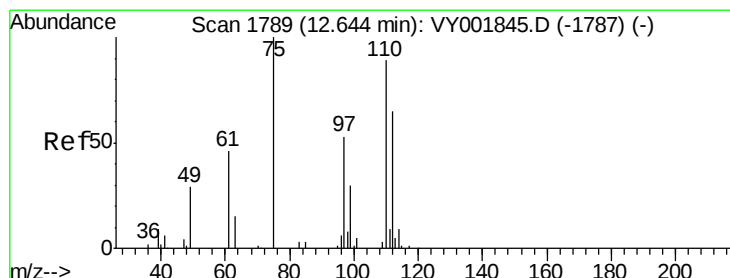
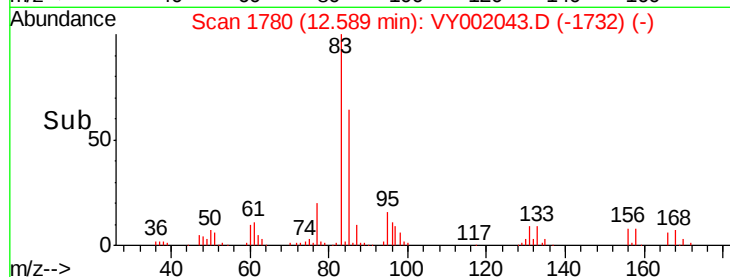
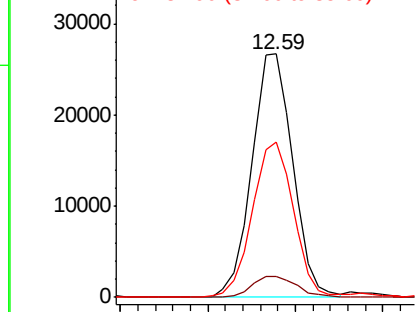
Tot Ion:	83	Resp:	43361
Ion Ratio	Lower	Upper	
83	100		
131	9.5	4.6	13.8
85	63.9	32.1	96.3

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Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 130.80 (130.50 to 131.50): VY0
Ion 84.90 (84.60 to 85.60): VY0



#76

1,2,3-Trichloropropane

Concen: 21.054 ug/l m

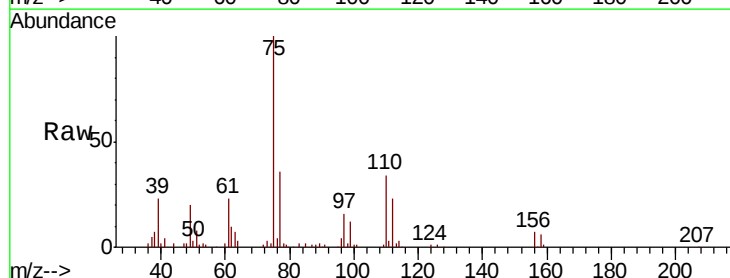
RT: 12.64 min Scan# 1788

Delta R.T. -0.01 min

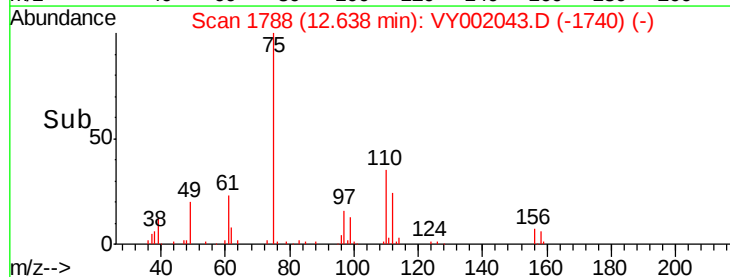
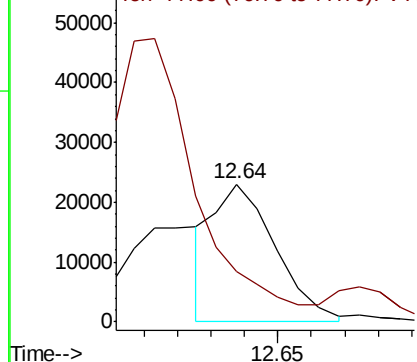
Lab File: VY002043.D

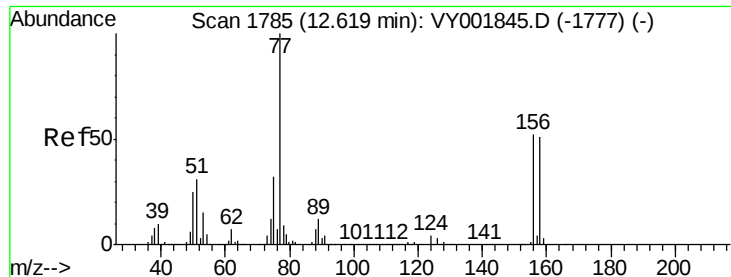
Acq: 24 Mar 2020 12:28

Tgt Ion:	75	Resp:	29674
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 22.129 ug/l

RT: 12.61 min Scan# 1784

Delta R.T. -0.01 min

Lab File: VY002043.D

Acq: 24 Mar 2020 12:28

Instrument :

MSVOA_Y

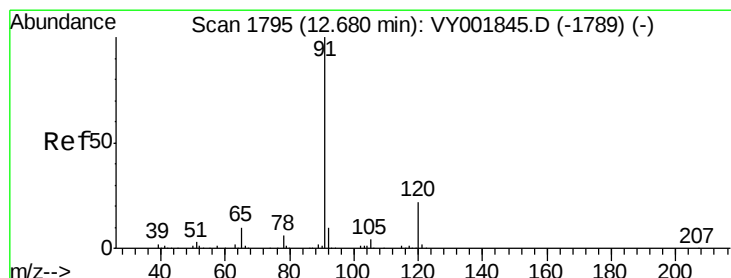
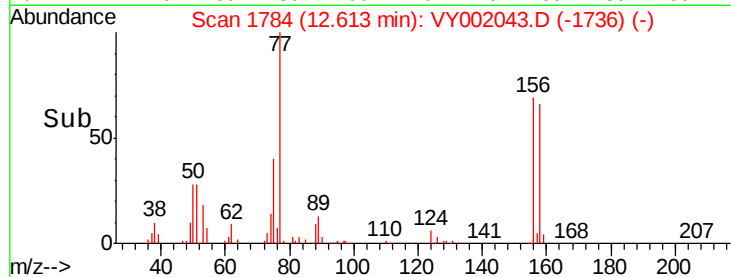
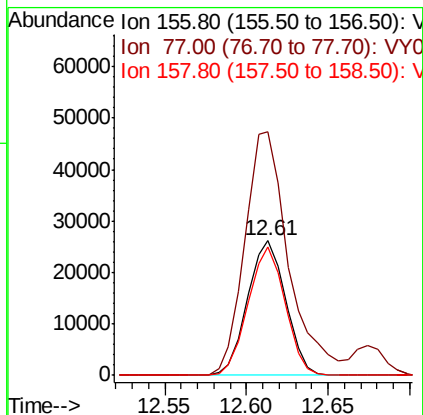
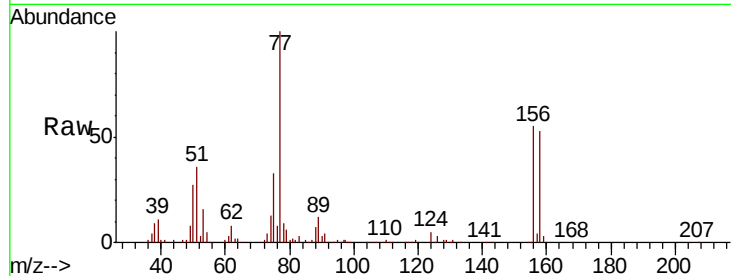
ClientSampleId :

VY0324SBS01

Tot Ion	Ion	Ratio	Lower	Upper
156	100			
77	208.2	109.0	327.0	
158	93.1	48.9	146.8	

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#78

n-propylbenzene

Concen: 20.756 ug/l

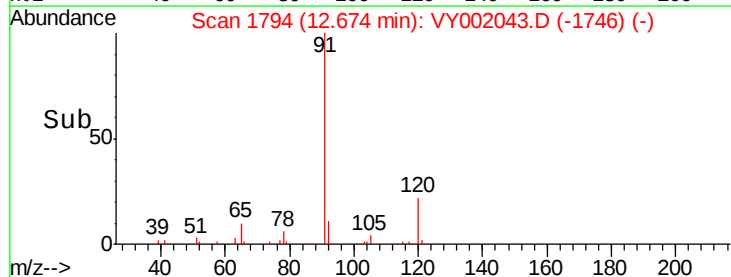
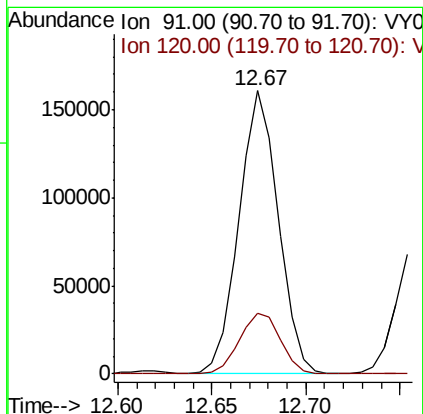
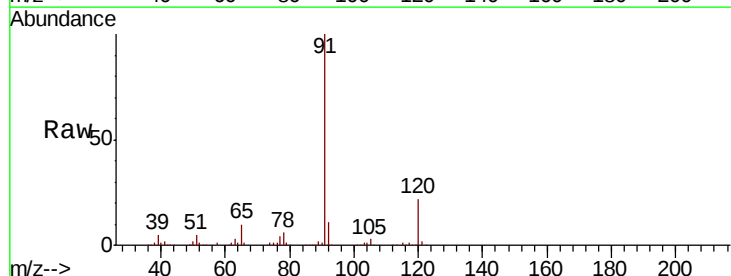
RT: 12.67 min Scan# 1794

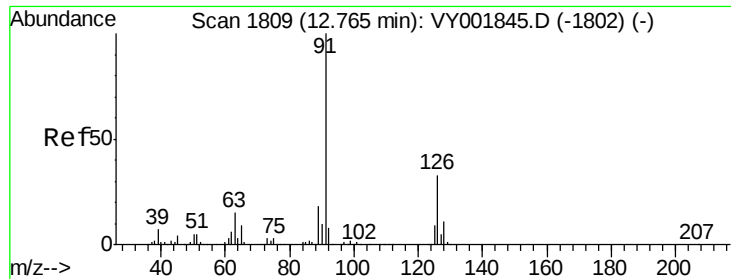
Delta R.T. -0.01 min

Lab File: VY002043.D

Acq: 24 Mar 2020 12:28

Tgt Ion	Ion	Ratio	Lower	Upper
91	100			
120	22.3	11.0	33.0	





#79

2-Chlorotoluene

Concen: 20.730 ug/l

RT: 12.76 min Scan# 1808

Delta R.T. -0.01 min

Lab File: VY002043.D

Acq: 24 Mar 2020 12:28

Instrument :

MSVOA_Y

ClientSampleId :

VY0324SBS01

Tot Ion: 91 Resp: 128119

Ion Ratio Lower Upper

91 100

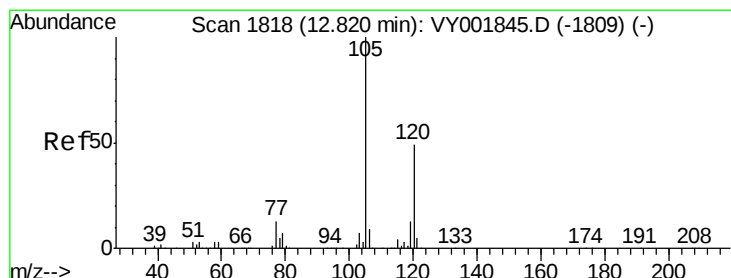
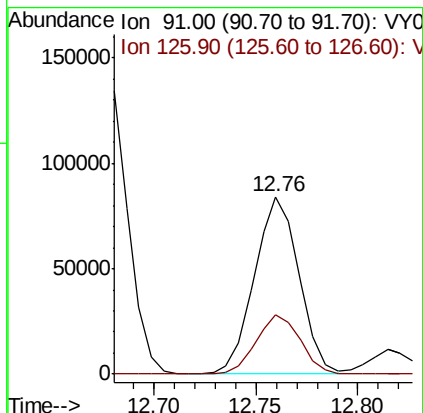
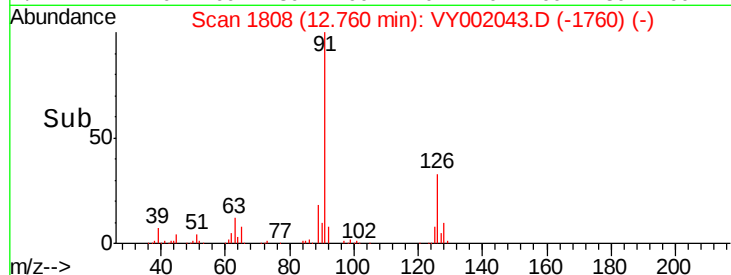
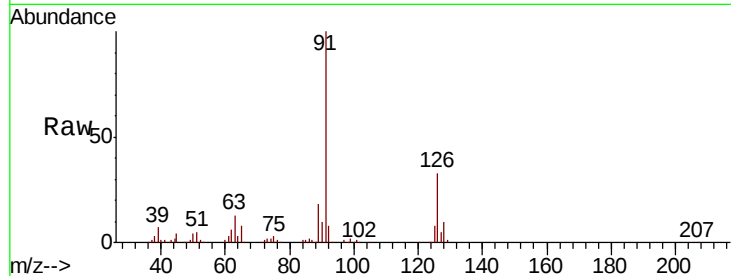
126 33.0 16.3 48.8

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#80

1,3,5-Trimethylbenzene

Concen: 21.006 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. -0.01 min

Lab File: VY002043.D

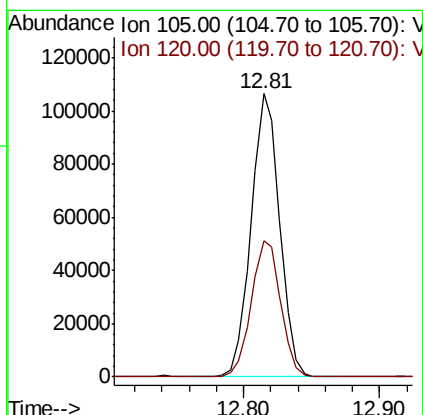
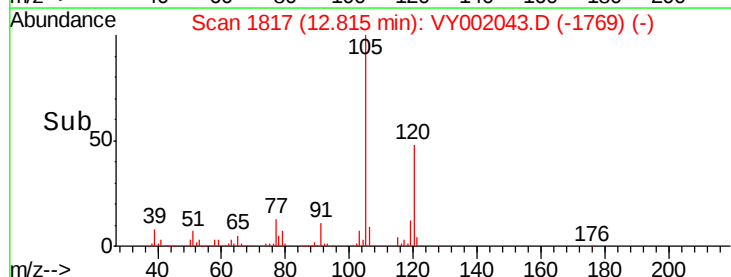
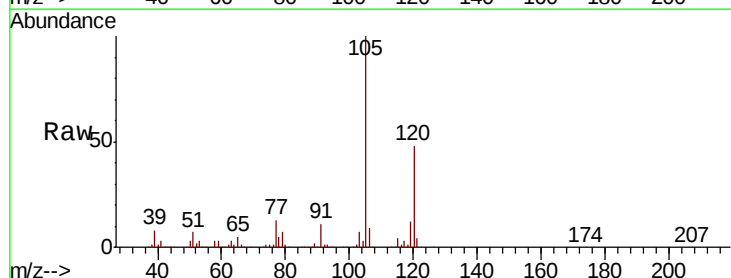
Acq: 24 Mar 2020 12:28

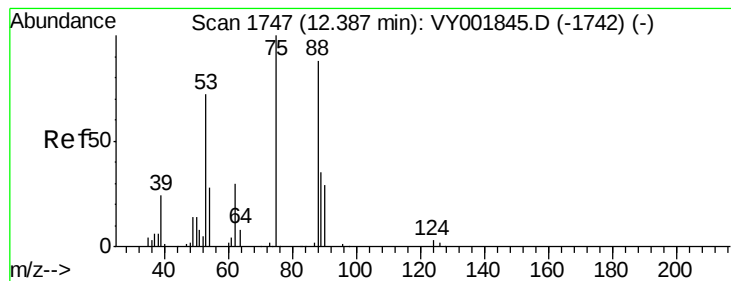
Tgt Ion:105 Resp: 156799

Ion Ratio Lower Upper

105 100

120 49.5 24.4 73.2





#81

trans-1,4-Dichloro-2-butene

Concen: 22.183 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. -0.01 min

Lab File: VY002043.D

Acq: 24 Mar 2020 12:28

Instrument :

MSVOA_Y

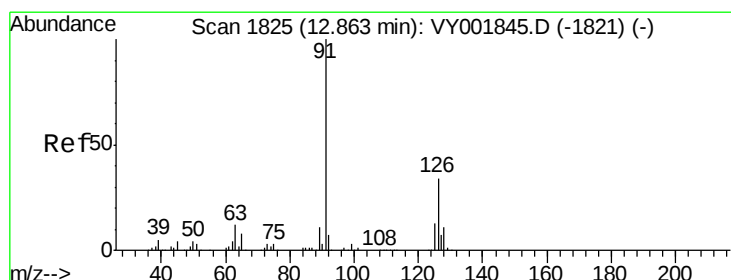
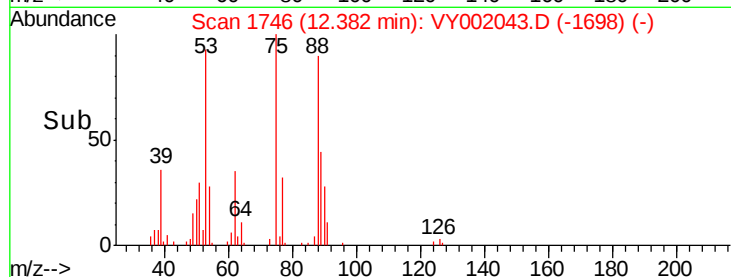
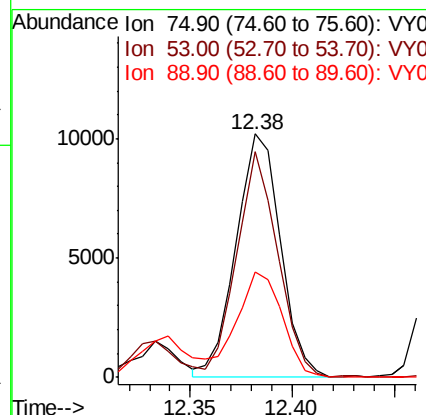
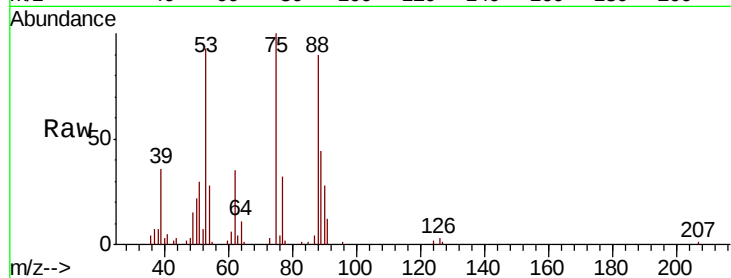
ClientSampleId :

VY0324SBS01

Tot Ion:	75	Resp:	15478
Ion Ratio	Lower	Upper	
75	100		
53	85.3	65.4	98.0
89	44.2	36.0	54.0

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#82

4-Chlorotoluene

Concen: 21.095 ug/l

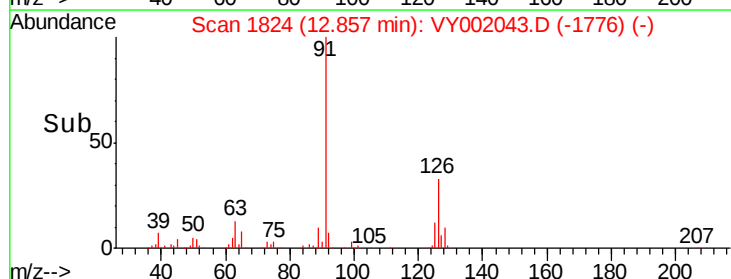
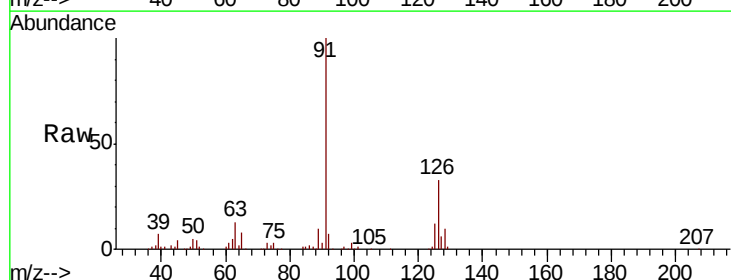
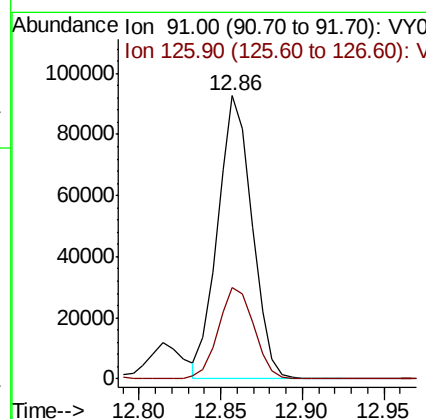
RT: 12.86 min Scan# 1824

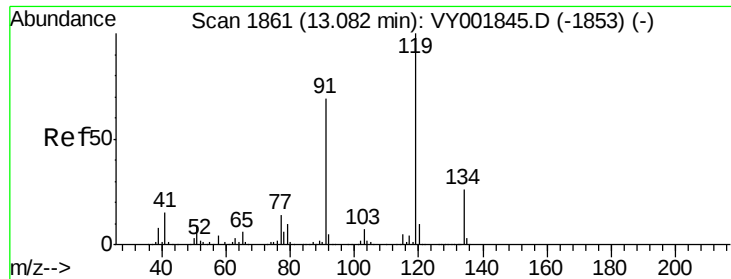
Delta R.T. -0.01 min

Lab File: VY002043.D

Acq: 24 Mar 2020 12:28

Tgt Ion:	91	Resp:	135742
Ion Ratio	Lower	Upper	
91	100		
126	33.5	16.4	49.2





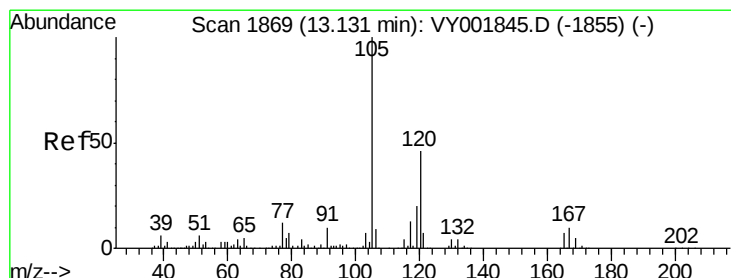
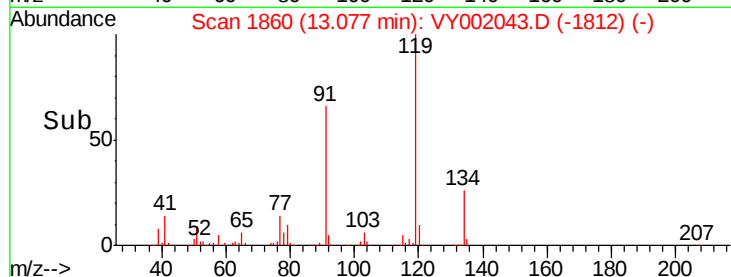
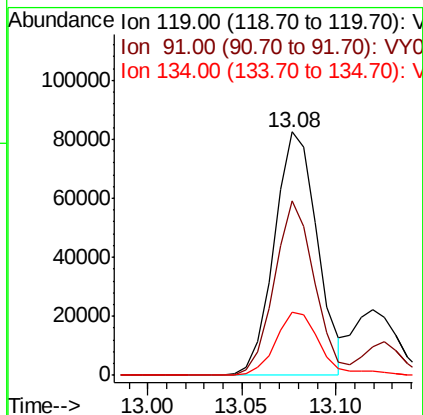
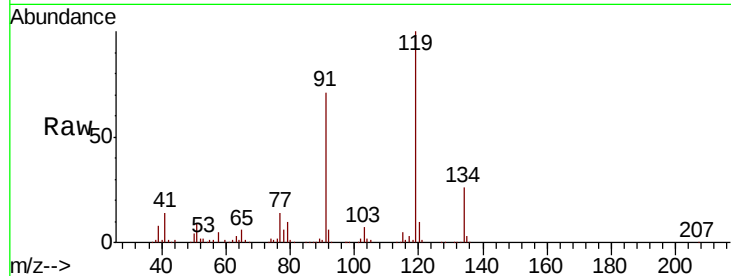
#83
tert-Butylbenzene
Concen: 21.039 ug/l
RT: 13.08 min Scan# 1860
Delta R.T. -0.01 min
Lab File: VY002043.D
Acq: 24 Mar 2020 12:28

Instrument :
MSVOA_Y
ClientSampleId :
VY0324SBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	67.1	34.0	101.8
134	27.2	13.5	40.4

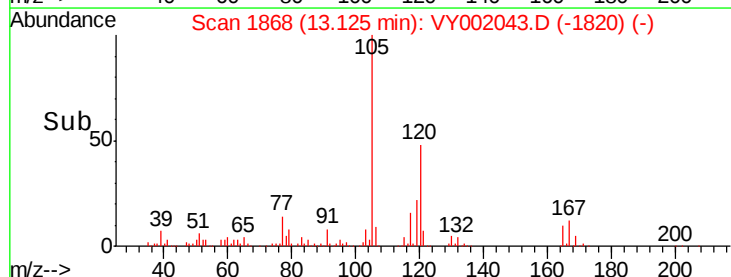
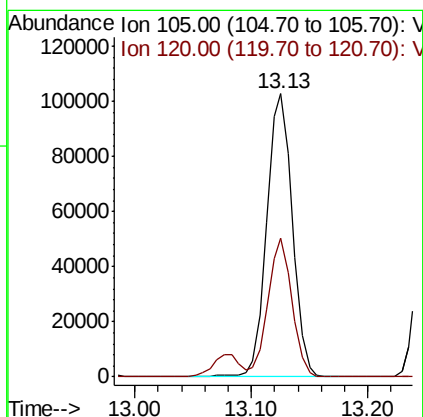
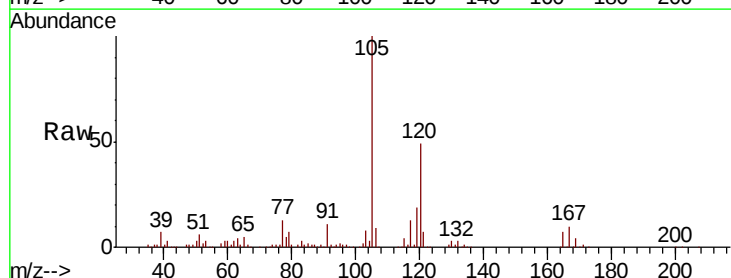
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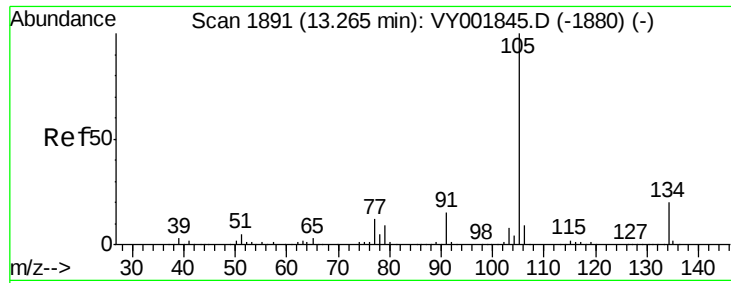
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#84
1,2,4-Trimethylbenzene
Concen: 21.188 ug/l
RT: 13.13 min Scan# 1868
Delta R.T. -0.01 min
Lab File: VY002043.D
Acq: 24 Mar 2020 12:28

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.1	22.6	67.7





#85

sec-Butylbenzene

Concen: 21.357 ug/l

RT: 13.26 min Scan# 1890

Delta R.T. -0.01 min

Lab File: VY002043.D

Acq: 24 Mar 2020 12:28

Instrument :

MSVOA_Y

ClientSampleId :

VY0324SBS01

Tot Ion:105 Resp: 195171

Ion Ratio Lower Upper

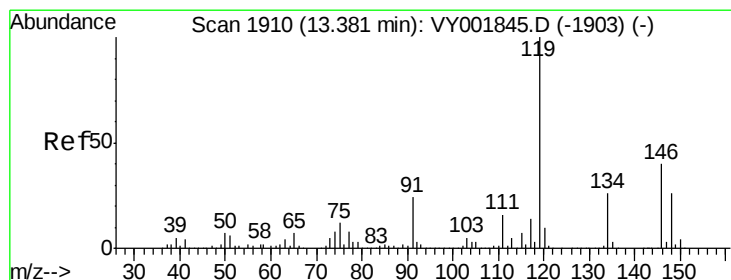
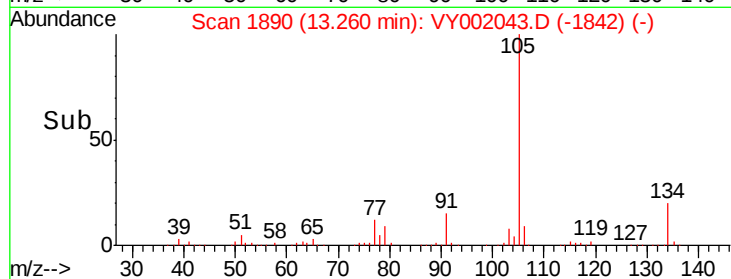
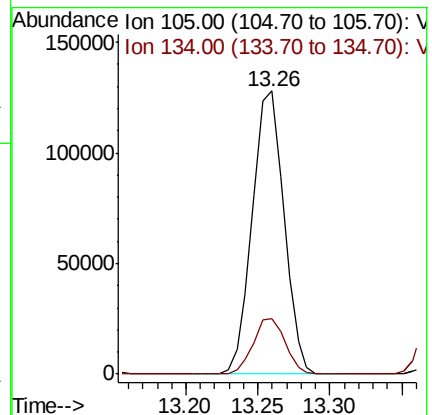
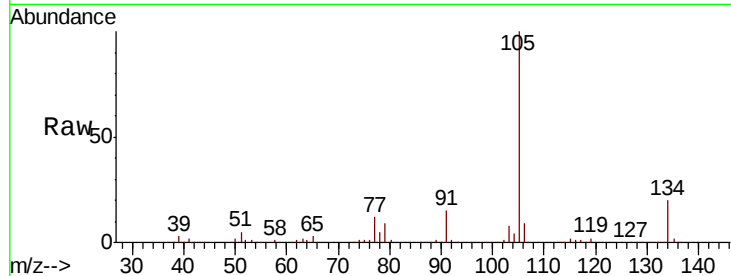
105 100

134 19.7 9.7 29.1

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#86

p-Isopropyltoluene

Concen: 21.587 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. -0.01 min

Lab File: VY002043.D

Acq: 24 Mar 2020 12:28

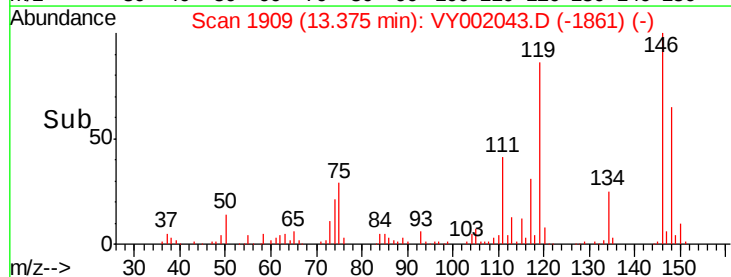
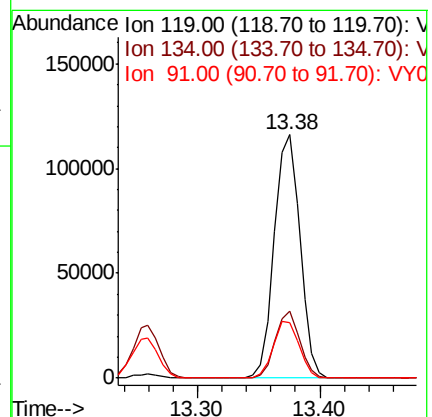
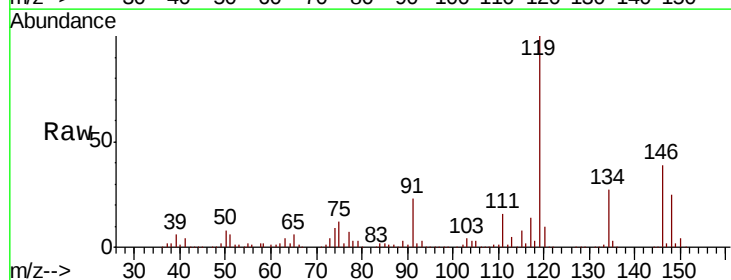
Tgt Ion:119 Resp: 170174

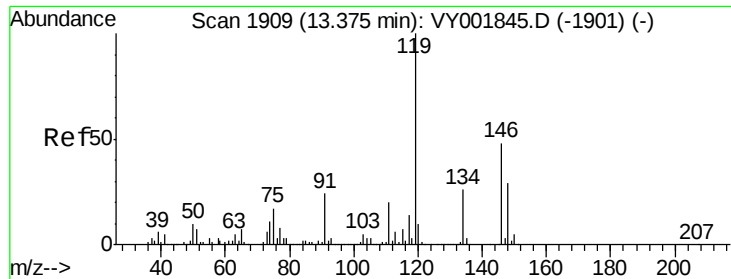
Ion Ratio Lower Upper

119 100

134 26.1 13.1 39.3

91 23.6 11.9 35.7





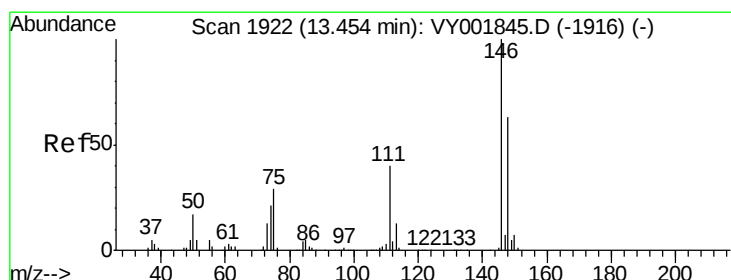
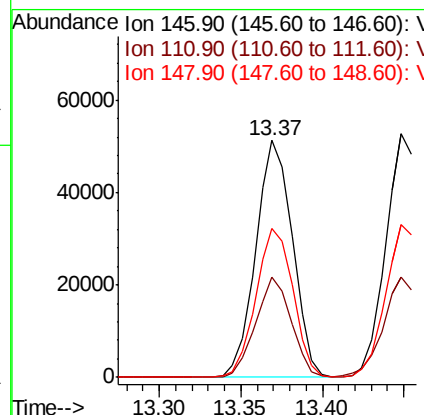
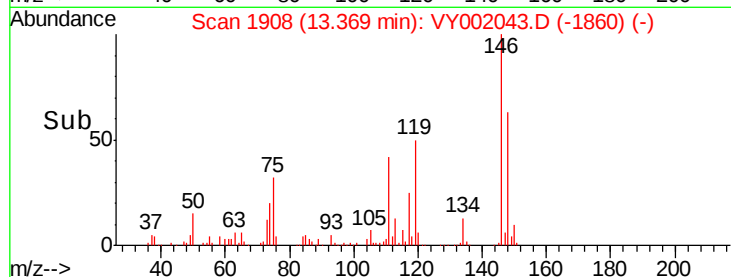
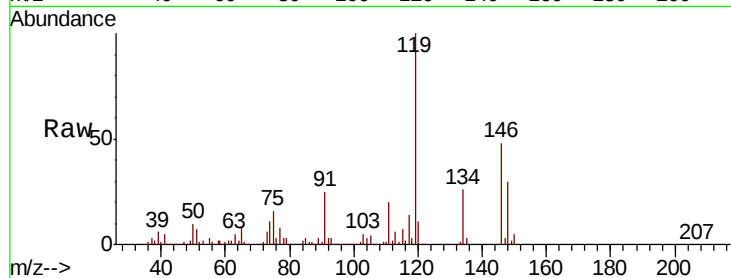
#87
 1,3-Dichlorobenzene
 Concen: 21.376 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. -0.01 min
 Lab File: VY002043.D
 Acq: 24 Mar 2020 12:28

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0324SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.1	20.8	62.5
148	63.5	31.4	94.0

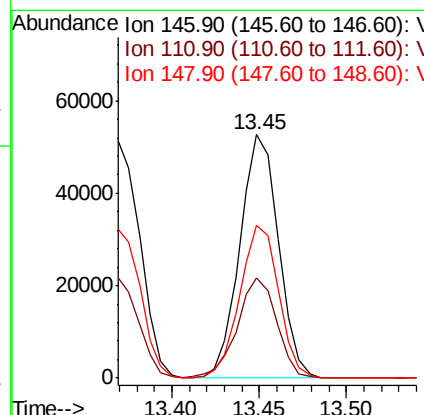
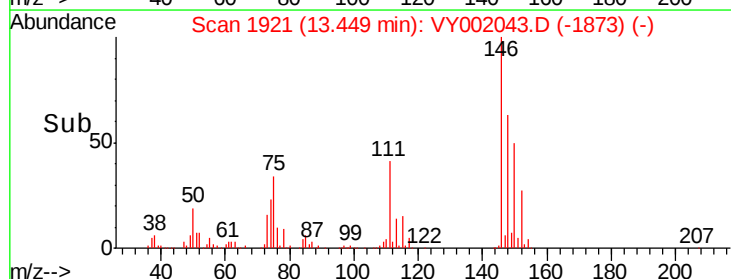
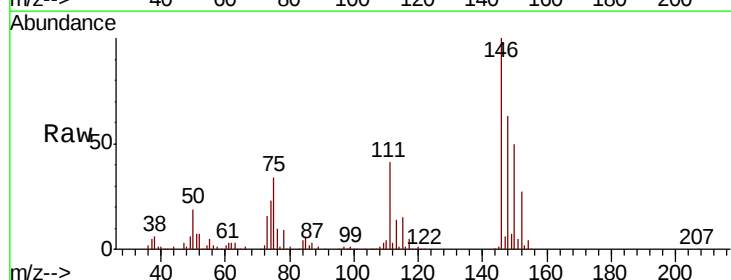
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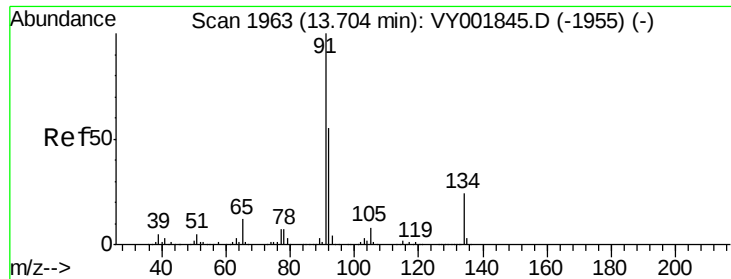
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#88
 1,4-Dichlorobenzene
 Concen: 21.245 ug/l
 RT: 13.45 min Scan# 1921
 Delta R.T. -0.01 min
 Lab File: VY002043.D
 Acq: 24 Mar 2020 12:28

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.3	20.0	60.0
148	63.2	31.5	94.5





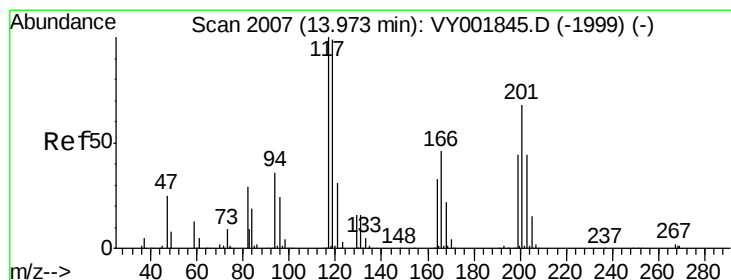
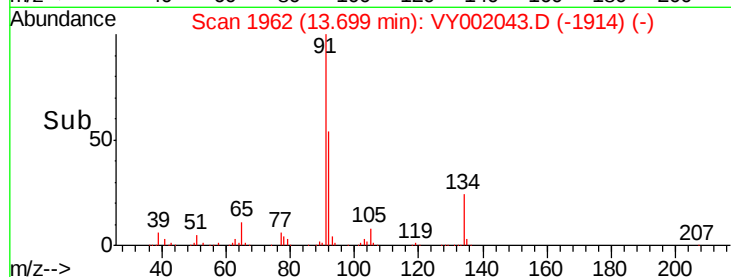
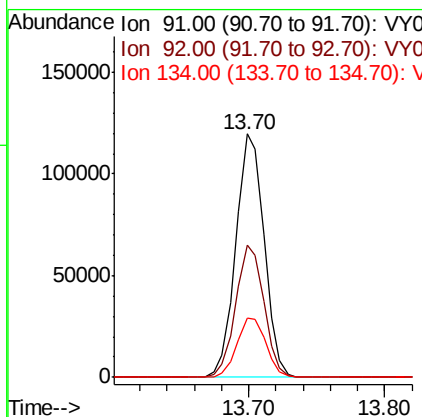
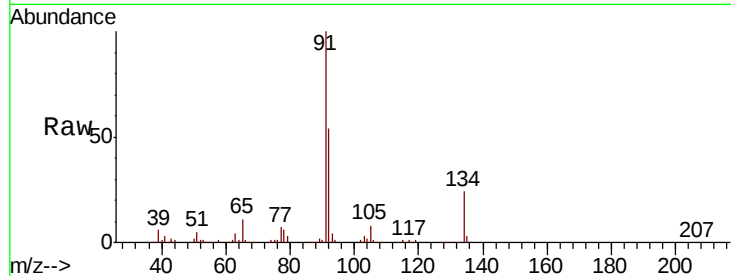
#89
n-Butylbenzene
Concen: 21.205 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. -0.01 min
Lab File: VY002043.D
Acq: 24 Mar 2020 12:28

Instrument :
MSVOA_Y
ClientSampleId :
VY0324SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.8	27.5	82.4
134	24.9	12.5	37.5

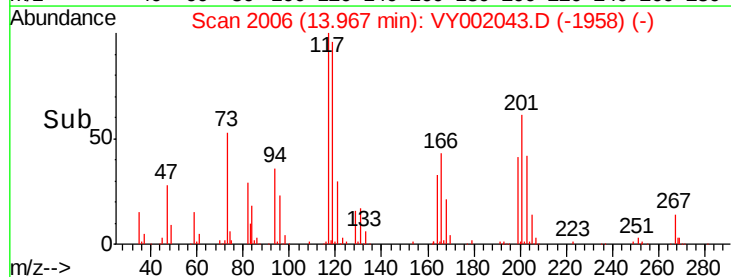
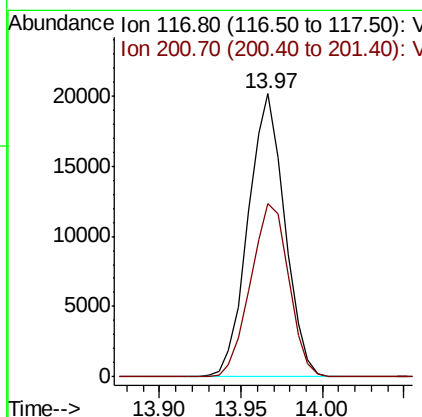
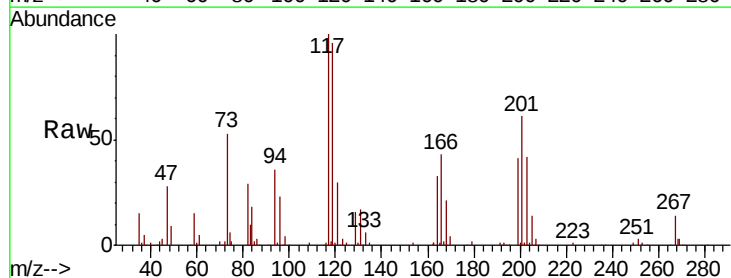
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#90
Hexachloroethane
Concen: 21.187 ug/l
RT: 13.97 min Scan# 2006
Delta R.T. -0.01 min
Lab File: VY002043.D
Acq: 24 Mar 2020 12:28

Tgt Ion	Ratio	Lower	Upper
117	100		
201	63.8	32.5	97.5





#91

1,2-Dichlorobenzene

Concen: 21.721 ug/l

RT: 13.74 min Scan# 1969

Delta R.T. -0.01 min

Lab File: VY002043.D

Acq: 24 Mar 2020 12:28

Instrument :

MSVOA_Y

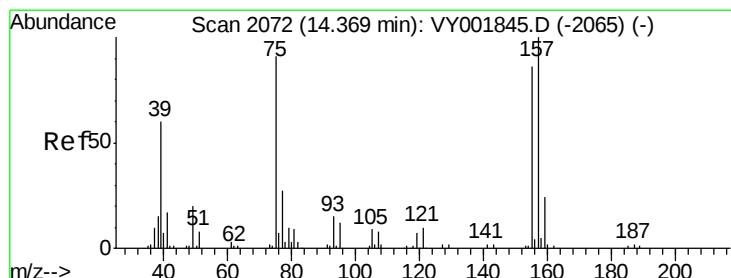
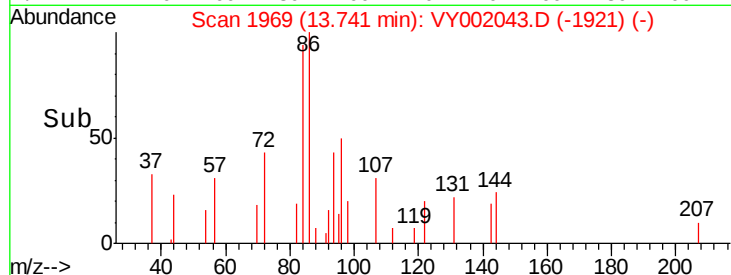
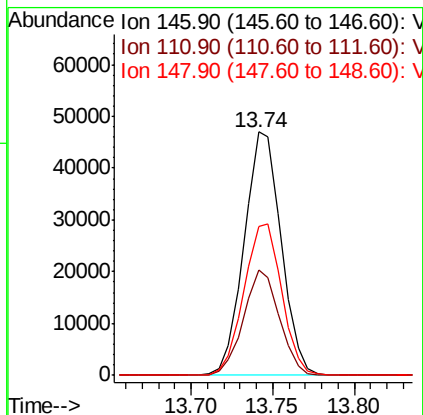
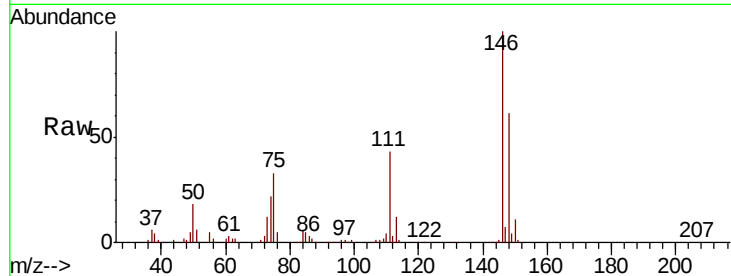
ClientSampleId :

VY0324SBS01

Tot Ion:	146	Resp:	74286
Ion Ratio	Lower	Upper	
146	100		
111	42.1	21.5	64.5
148	63.6	32.0	96.0

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#92

1,2-Dibromo-3-Chloropropane

Concen: 23.119 ug/l

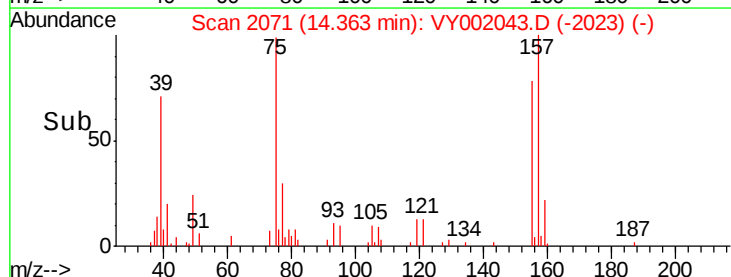
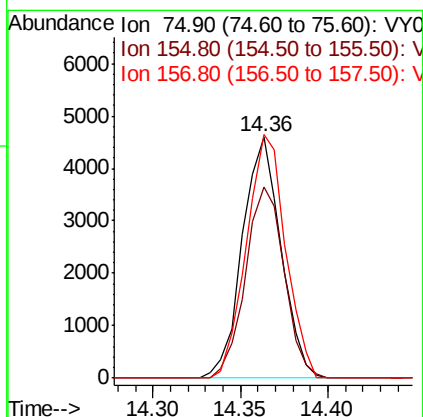
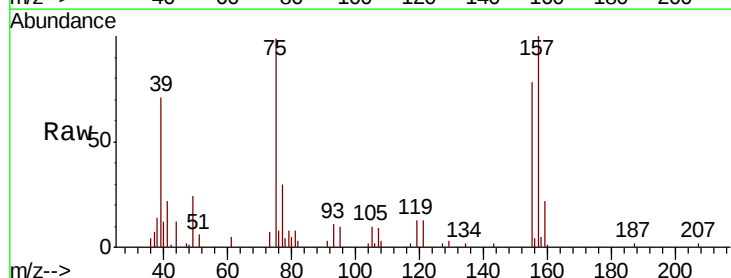
RT: 14.36 min Scan# 2071

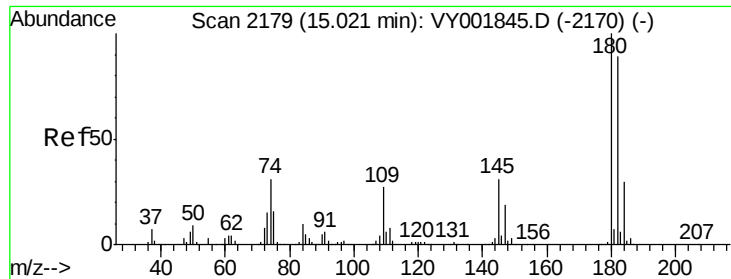
Delta R.T. -0.01 min

Lab File: VY002043.D

Acq: 24 Mar 2020 12:28

Tgt Ion:	75	Resp:	7054
Ion Ratio	Lower	Upper	
75	100		
155	79.3	42.9	128.7
157	102.4	53.1	159.4





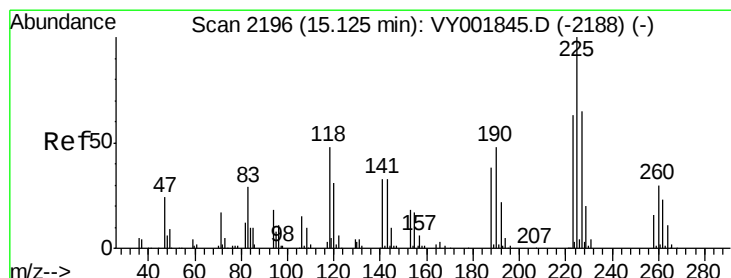
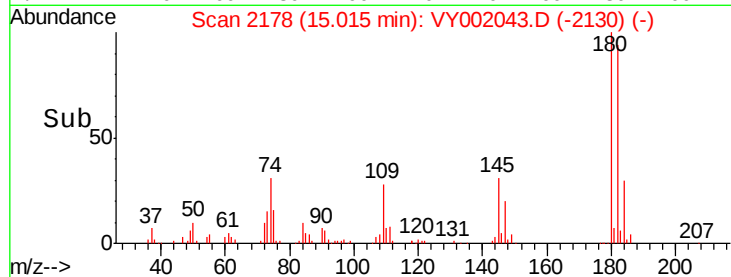
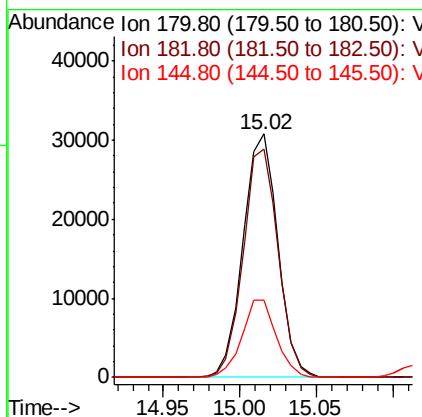
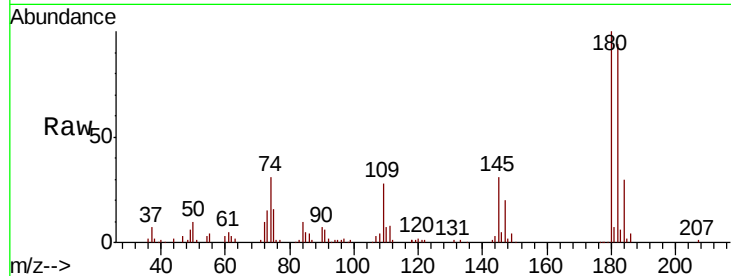
#93
1,2,4-Trichlorobenzene
Concen: 21.872 ug/l
RT: 15.02 min Scan# 2178
Delta R.T. -0.01 min
Lab File: VY002043.D
Acq: 24 Mar 2020 12:28

Instrument :
MSVOA_Y
ClientSampleId :
VY0324SBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.4	46.1	138.3
145	31.4	15.6	46.8

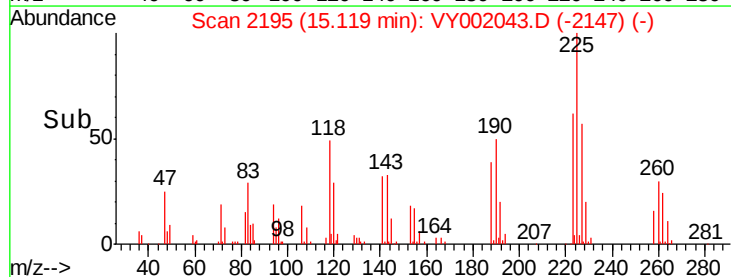
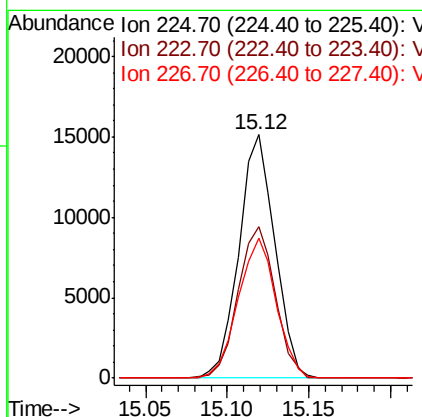
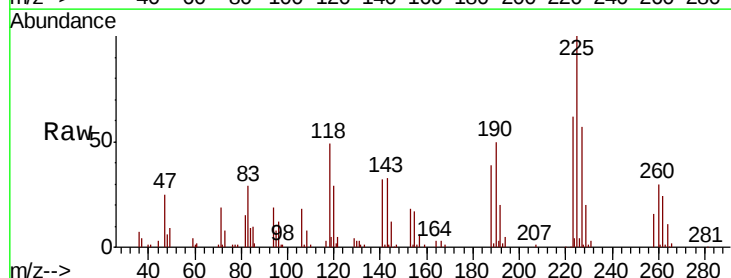
Manual Integrations
APPROVED

apatel
3/26/2020 2:14:45 PM



#94
Hexachlorobutadiene
Concen: 21.503 ug/l
RT: 15.12 min Scan# 2195
Delta R.T. -0.01 min
Lab File: VY002043.D
Acq: 24 Mar 2020 12:28

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.3	31.5	94.5
227	60.4	31.9	95.5





#95

Naphthalene

Concen: 22.236 ug/l

RT: 15.24 min Scan# 2215

Delta R.T. -0.01 min

Lab File: VY002043.D

Acq: 24 Mar 2020 12:28

Instrument :

MSVOA_Y

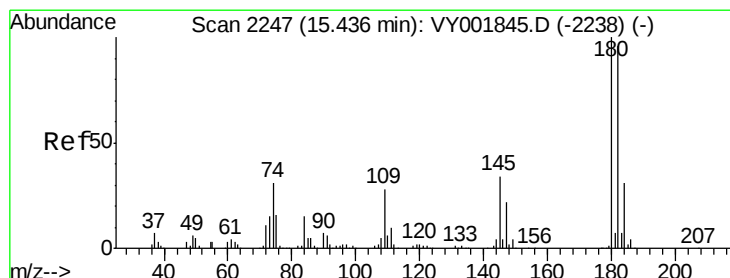
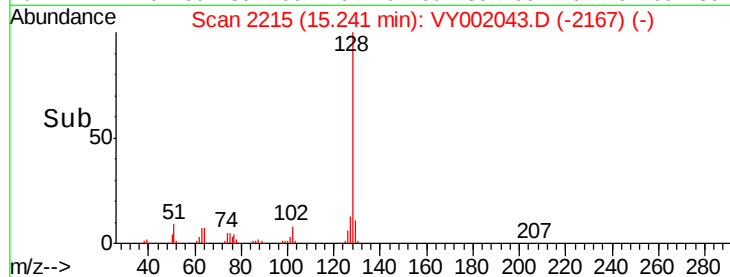
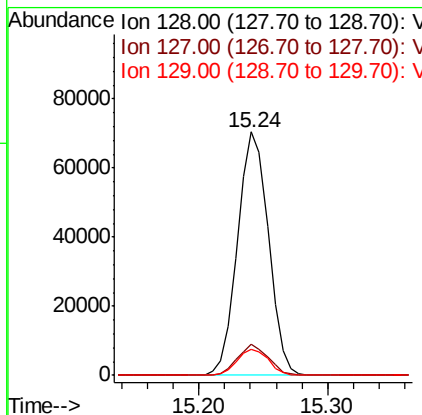
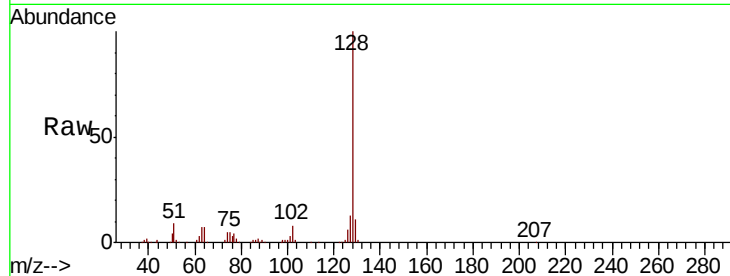
ClientSampleId :

VY0324SBS01

Tot Ion:	128	Resp:	116983
Ion Ratio	Lower	Upper	
128	100		
127	12.6	10.1	15.1
129	10.9	8.6	13.0

Manual Integrations
APPROVED

apatel
3/26/2020 2:14:45 PM



#96

1,2,3-Trichlorobenzene

Concen: 22.514 ug/l

RT: 15.43 min Scan# 2246

Delta R.T. -0.01 min

Lab File: VY002043.D

Acq: 24 Mar 2020 12:28

Tgt Ion:	180	Resp:	43990
Ion Ratio	Lower	Upper	
180	100		
182	93.3	47.6	142.9
145	33.2	16.8	50.3

