

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY012420\
 Data File : VY001374.D
 Acq On : 24 Jan 2020 12:15
 Operator : SY/MD
 Sample : VY0124SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0124SBS01

Manual Integrations
 APPROVED

MMDadoda
 1/27/2020 12:01:47 PM

Quant Time: Jan 25 04:12:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 01:21:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	187006	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	323029	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	287660	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	137381	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.16	65	107122	52.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.28%	
35) Dibromofluoromethane	7.74	113	98352	51.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.76%	
50) Toluene-d8	10.19	98	408706	55.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.98%	
62) 4-Bromofluorobenzene	12.49	95	149603	51.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	34597	23.460	ug/l	96
3) Chloromethane	2.13	50	47643	21.375	ug/l	99
4) Vinyl Chloride	2.26	62	49876	21.461	ug/l	95
5) Bromomethane	2.66	94	33388	21.331	ug/l	100
6) Chloroethane	2.81	64	31540	21.238	ug/l	99
7) Trichlorofluoromethane	3.15	101	65513	22.032	ug/l	99
8) Diethyl Ether	3.55	74	25526	20.335	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.92	101	42389	22.384	ug/l	99
10) Methyl Iodide	4.11	142	49392	19.776	ug/l	99
11) Tert butyl alcohol	4.99	59	29726	104.946	ug/l #	94
12) 1,1-Dichloroethene	3.90	96	41722	21.013	ug/l	99
13) Acrolein	3.75	56	19170	120.316	ug/l	96
14) Allyl chloride	4.50	41	73775	20.835	ug/l	99
15) Acrylonitrile	5.20	53	67527	105.093	ug/l	99
16) Acetone	3.97	43	59790	107.209	ug/l	99
17) Carbon Disulfide	4.22	76	134956	21.612	ug/l	99
18) Methyl Acetate	4.50	43	34144	19.897	ug/l	98
19) Methyl tert-butyl Ether	5.25	73	117538	20.218	ug/l	97
20) Methylene Chloride	4.75	84	53941	18.824	ug/l	99
21) trans-1,2-Dichloroethene	5.25	96	47127	20.433	ug/l	96
22) Diisopropyl ether	6.14	45	150501	20.016	ug/l	99
23) Vinyl Acetate	6.09	43	505228	103.502	ug/l	100
24) 1,1-Dichloroethane	6.05	63	81503	20.565	ug/l	99
25) 2-Butanone	7.02	43	92819	104.798	ug/l	97
26) 2,2-Dichloropropane	7.00	77	74008	20.964	ug/l	97
27) cis-1,2-Dichloroethene	7.01	96	53175	20.630	ug/l	99
28) Bromochloromethane	7.36	49	31497	19.271	ug/l	99
29) Tetrahydrofuran	7.37	42	59470	103.207	ug/l	99
30) Chloroform	7.53	83	78873	20.304	ug/l	95
31) Cyclohexane	7.80	56	85055	21.616	ug/l	98
32) 1,1,1-Trichloroethane	7.72	97	68846	20.990	ug/l	100
36) 1,1-Dichloropropene	7.94	75	65101	21.332	ug/l	98
37) Ethyl Acetate	7.10	43	40221	21.571	ug/l	99
38) Carbon Tetrachloride	7.92	117	59132	21.741	ug/l	95

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	88418	22.616	ug/l	98
40) Benzene	8.18	78	193263	21.120	ug/l	99
41) Methacrylonitrile	7.34	41	20621	21.431	ug/l #	100
42) 1,2-Dichloroethane	8.25	62	53004	20.730	ug/l	99
43) Isopropyl Acetate	8.29	43	76889	21.207	ug/l	99
44) Trichloroethene	8.96	130	49712	21.171	ug/l	95
45) 1,2-Dichloropropane	9.23	63	48506	20.969	ug/l	97
46) Dibromomethane	9.31	93	25914	20.867	ug/l	99
47) Bromodichloromethane	9.51	83	61648	20.766	ug/l	99
48) Methyl methacrylate	9.30	41	34561	20.969	ug/l	98
49) 1,4-Dioxane	9.31	88	7289	416.211	ug/l #	89
51) 4-Methyl-2-Pentanone	10.08	43	197995	106.041	ug/l	100
52) Toluene	10.25	92	122834	21.176	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	67431	20.493	ug/l	100
54) cis-1,3-Dichloropropene	9.94	75	78533	20.793	ug/l	97
55) 1,1,2-Trichloroethane	10.65	97	38076	20.773	ug/l	98
56) Ethyl methacrylate	10.52	69	58107	20.974	ug/l	97
57) 1,3-Dichloropropane	10.80	76	66817	20.926	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.79	63	108530	113.211	ug/l	99
59) 2-Hexanone	10.84	43	142679	109.765	ug/l	99
60) Dibromochloromethane	10.99	129	41681	20.331	ug/l	98
61) 1,2-Dibromoethane	11.10	107	36243	20.916	ug/l	100
64) Tetrachloroethene	10.72	164	39518	21.507	ug/l	99
65) Chlorobenzene	11.52	112	127246	20.986	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.60	131	43084	20.821	ug/l	100
67) Ethyl Benzene	11.60	91	236165	21.135	ug/l	98
68) m/p-Xylenes	11.70	106	177164	42.450	ug/l	99
69) o-Xylene	12.03	106	84466	21.038	ug/l	99
70) Styrene	12.05	104	146758	20.834	ug/l	99
71) Bromoform	12.21	173	24708	20.003	ug/l #	99
73) Isopropylbenzene	12.33	105	226043	20.852	ug/l	100
74) N-amyl acetate	12.15	43	72749	20.502	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.59	83	48043	20.694	ug/l	98
76) 1,2,3-Trichloropropane	12.64	75	33625m	20.312	ug/l	
77) Bromobenzene	12.61	156	49015	20.414	ug/l	97
78) n-propylbenzene	12.67	91	275538	21.117	ug/l	100
79) 2-Chlorotoluene	12.76	91	154976	20.791	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	188041	20.781	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.38	75	17991	20.566	ug/l	100
82) 4-Chlorotoluene	12.86	91	162115	20.360	ug/l	100
83) tert-Butylbenzene	13.08	119	163257	21.404	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	191584	21.088	ug/l	99
85) sec-Butylbenzene	13.26	105	234413	21.631	ug/l	99
86) p-Isopropyltoluene	13.38	119	208552	21.838	ug/l	99
87) 1,3-Dichlorobenzene	13.37	146	96293	20.824	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	97938	20.859	ug/l	99
89) n-Butylbenzene	13.70	91	210281	21.878	ug/l	99
90) Hexachloroethane	13.97	117	38841	21.456	ug/l	98
91) 1,2-Dichlorobenzene	13.74	146	88349	20.717	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.36	75	8431	21.045	ug/l	96

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Instrument :
MSVOA_Y
ClientSampleId :
VY0124SBSD01

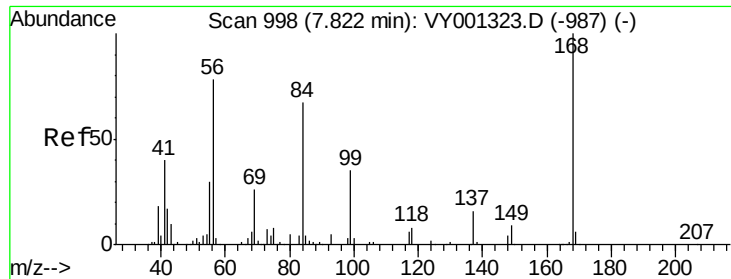
Manual Integrations
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	61257	21.402	ug/l	98
94) Hexachlorobutadiene	15.11	225	30961	22.215	ug/l	99
95) Naphthalene	15.24	128	138348	21.138	ug/l	100
96) 1,2,3-Trichlorobenzene	15.43	180	54238	21.602	ug/l	99

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



#1

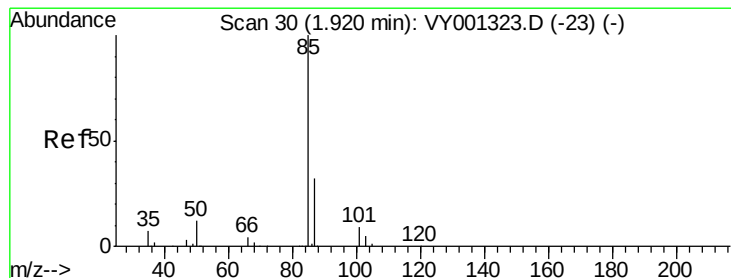
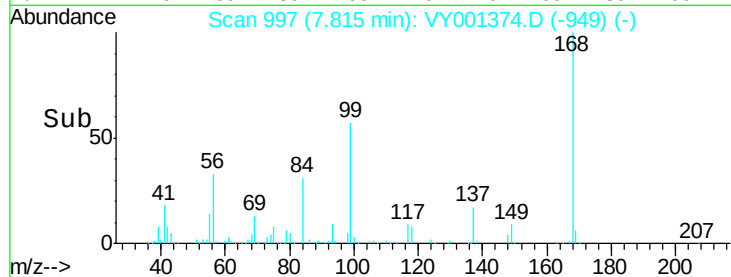
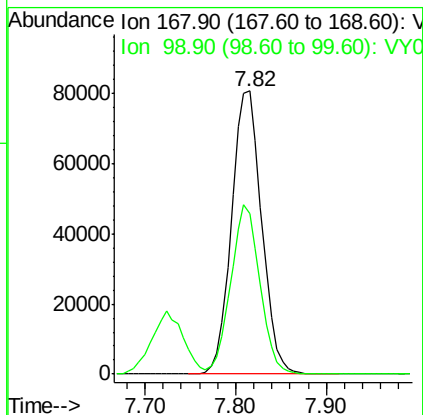
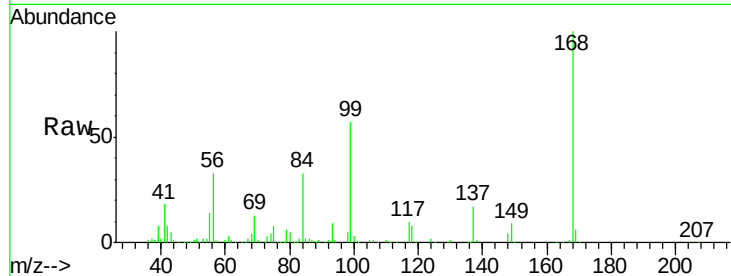
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.82 min Scan# 997
 Delta R.T. -0.01 min
 Lab File: VY001374.D
 Acq: 24 Jan 2020 12:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0124SBS01

Tot Ion	Ratio	Lower	Upper
168	100		
99	56.6	44.3	66.5

Manual Integrations
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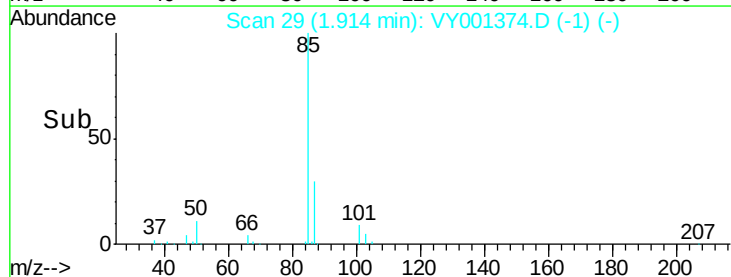
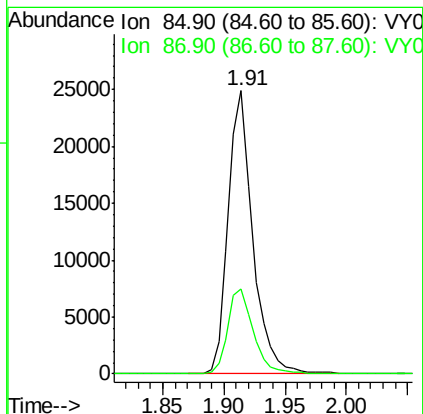
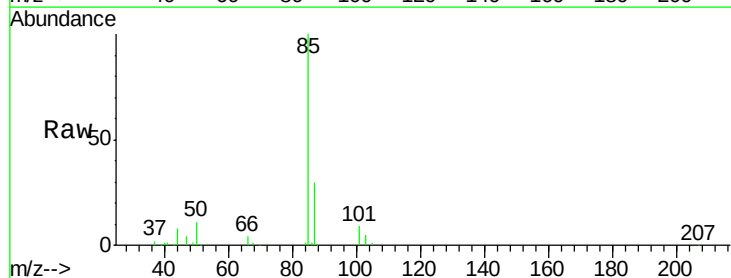
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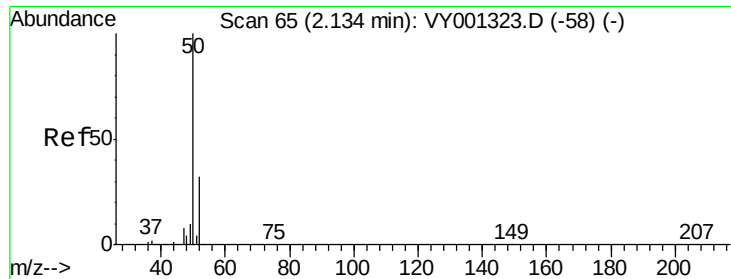


#2

Dichlorodifluoromethane
 Concen: 23.460 ug/l
 RT: 1.91 min Scan# 29
 Delta R.T. -0.01 min
 Lab File: VY001374.D
 Acq: 24 Jan 2020 12:15

Tgt Ion	Ratio	Lower	Upper
85	100		
87	30.0	16.0	48.0





#3

Chloromethane

Concen: 21.375 ug/l

RT: 2.13 min Scan# 64

Delta R.T. -0.01 min

Lab File: VY001374.D

Acq: 24 Jan 2020 12:15

Instrument :

MSVOA_Y

ClientSampleId :

VY0124SBS01

Tot Ion: 50 Resp: 47643

Ion Ratio Lower Upper

50 100

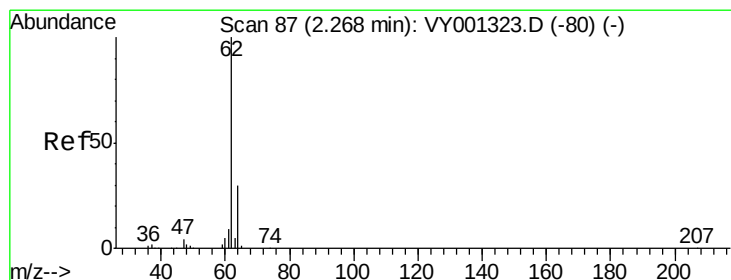
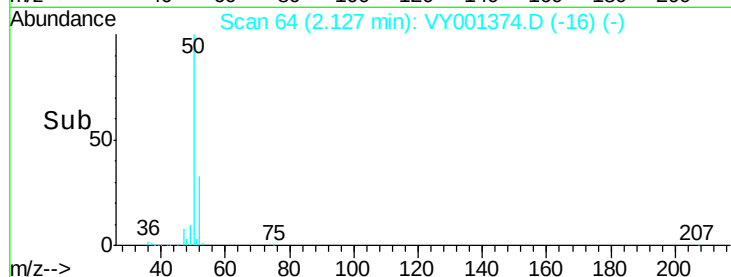
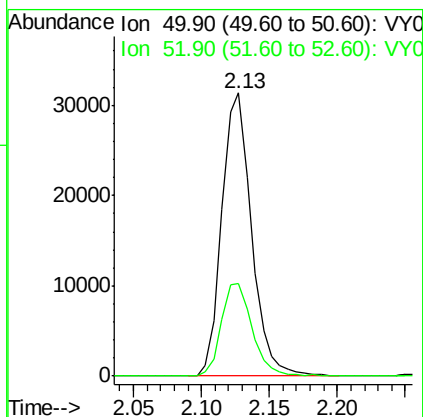
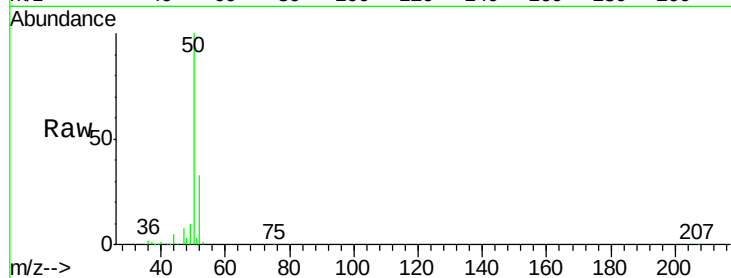
52 32.8 25.7 38.5

Manual Integrations

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#4

Vinyl Chloride

Concen: 21.461 ug/l

RT: 2.26 min Scan# 86

Delta R.T. -0.01 min

Lab File: VY001374.D

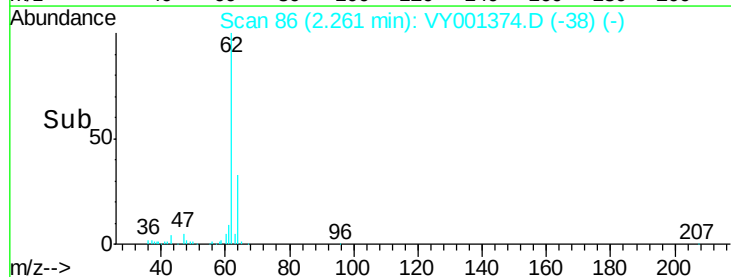
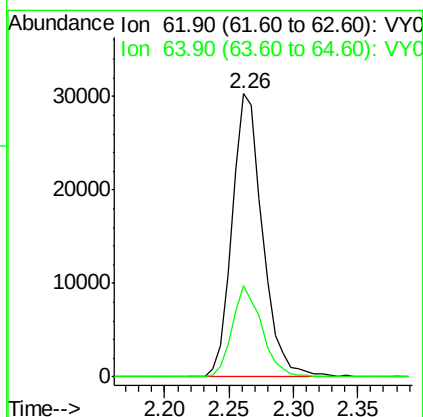
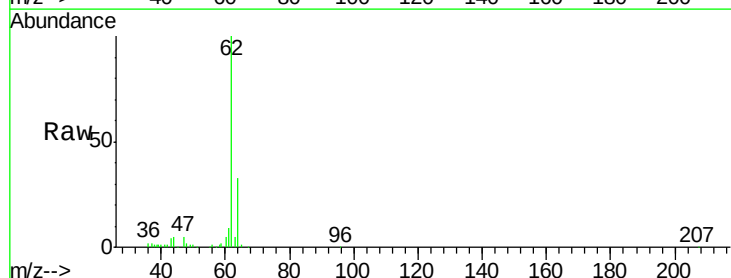
Acq: 24 Jan 2020 12:15

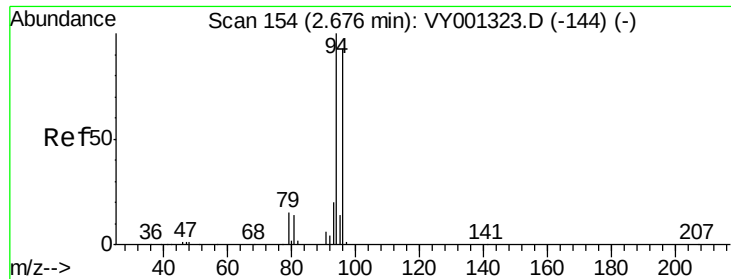
Tgt Ion: 62 Resp: 49876

Ion Ratio Lower Upper

62 100

64 32.5 23.9 35.9





#5

Bromomethane

Concen: 21.331 ug/l

RT: 2.66 min Scan# 151

Delta R.T. -0.02 min

Lab File: VY001374.D

Acq: 24 Jan 2020 12:15

Instrument :

MSVOA_Y

ClientSampleId :

VY0124SBS01

Tot Ion: 94 Resp: 33388

Ion Ratio Lower Upper

94 100

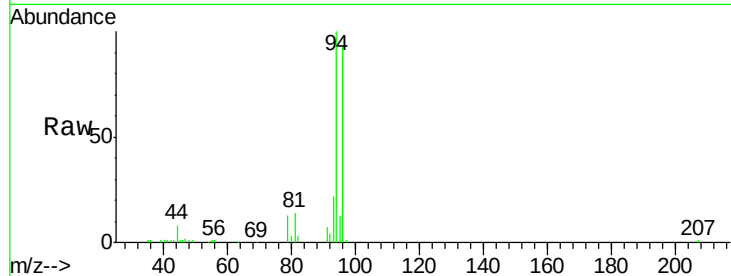
96 92.9 74.6 111.8

Manual Integrations

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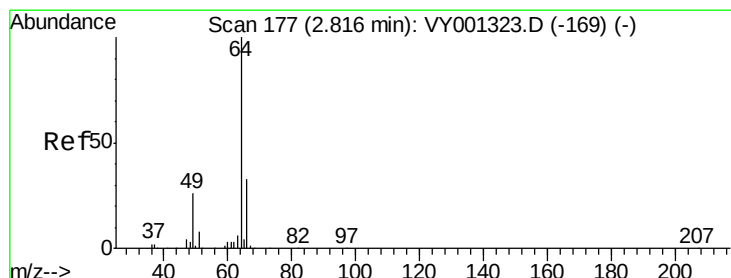
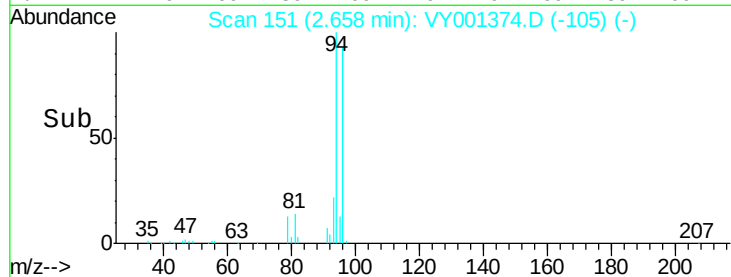
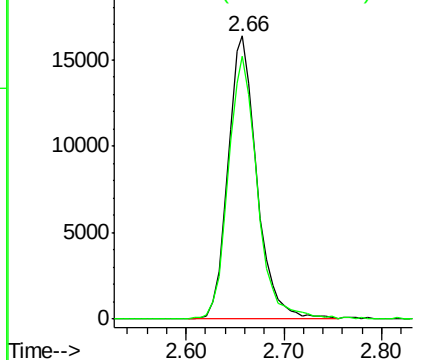
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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 21.238 ug/l

RT: 2.81 min Scan# 176

Delta R.T. -0.01 min

Lab File: VY001374.D

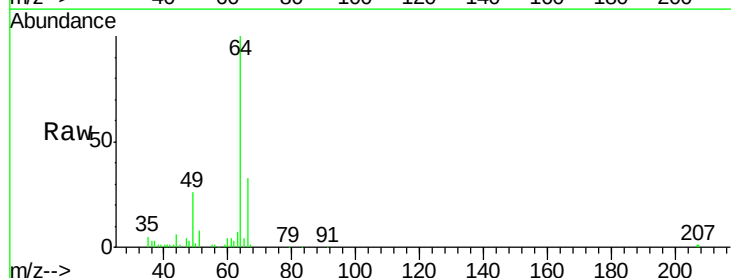
Acq: 24 Jan 2020 12:15

Tgt Ion: 64 Resp: 31540

Ion Ratio Lower Upper

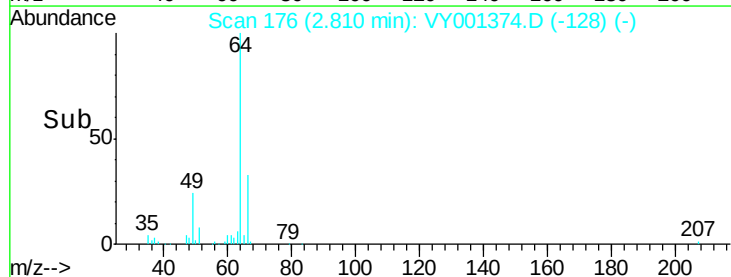
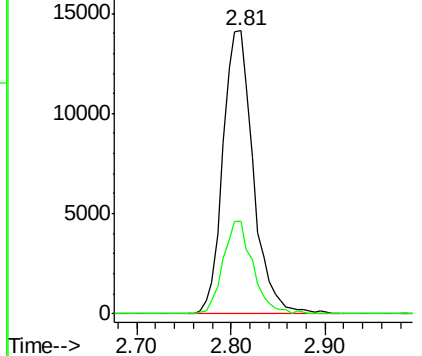
64 100

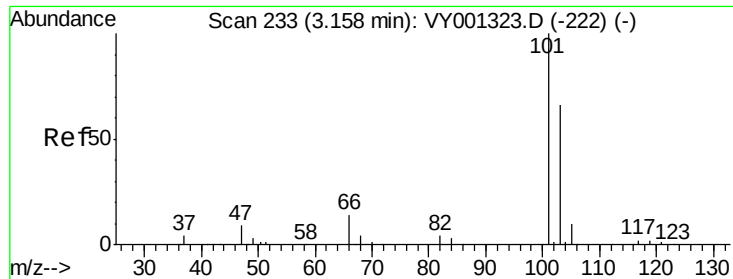
66 32.8 26.8 40.2



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

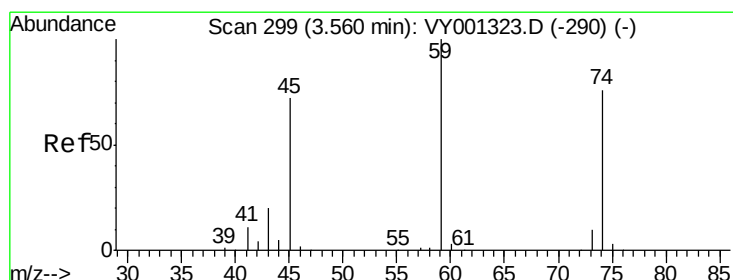
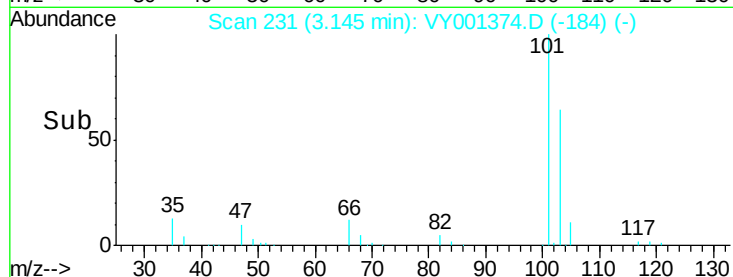
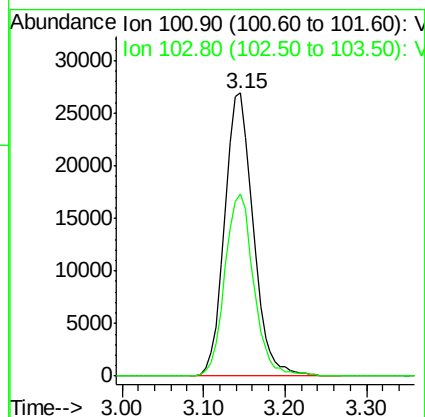
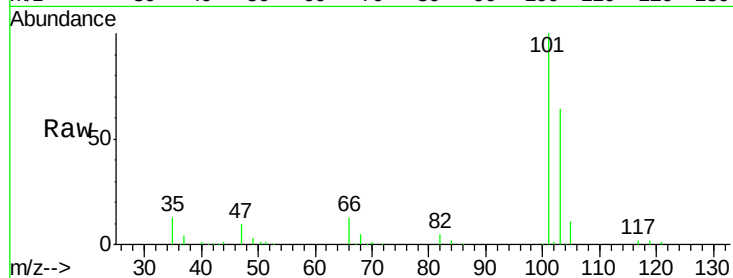
Trichlorofluoromethane
Concen: 22.032 ug/l
RT: 3.15 min Scan# 231
Delta R.T. -0.01 min
Lab File: VY001374.D
Acq: 24 Jan 2020 12:15

Instrument :
MSVOA_Y
ClientSampleId :
VY0124SBSD01

Tot Ion:101 Resp: 65513
Ion Ratio Lower Upper
101 100
103 64.4 52.5 78.7

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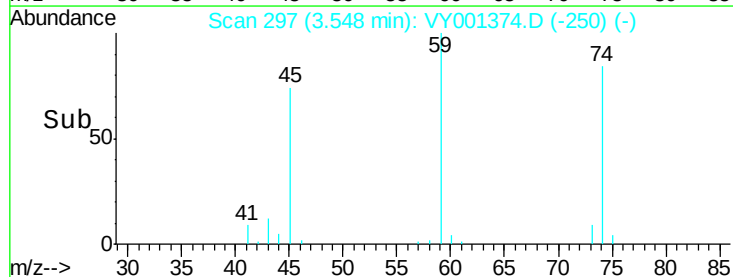
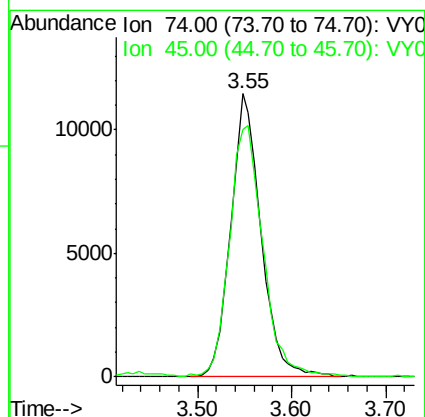
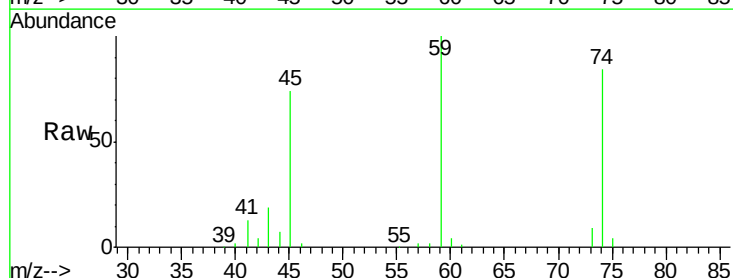
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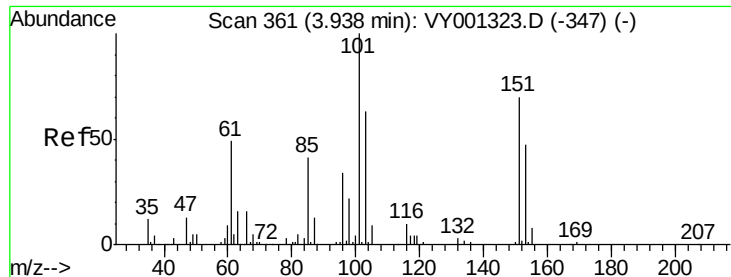


#8

Diethyl Ether
Concen: 20.335 ug/l
RT: 3.55 min Scan# 297
Delta R.T. -0.01 min
Lab File: VY001374.D
Acq: 24 Jan 2020 12:15

Tgt Ion: 74 Resp: 25526
Ion Ratio Lower Upper
74 100
45 98.7 47.2 141.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.384 ug/l

RT: 3.92 min Scan# 358

Delta R.T. -0.02 min

Lab File: VY001374.D

Acq: 24 Jan 2020 12:15

Instrument :

MSVOA_Y

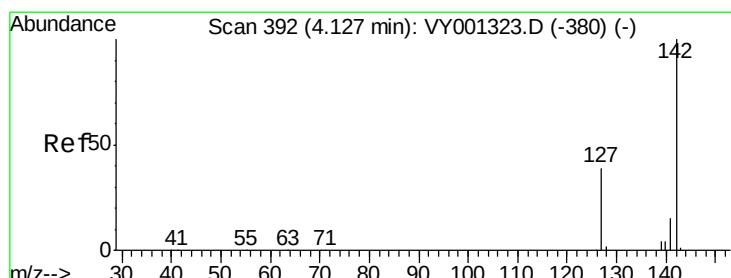
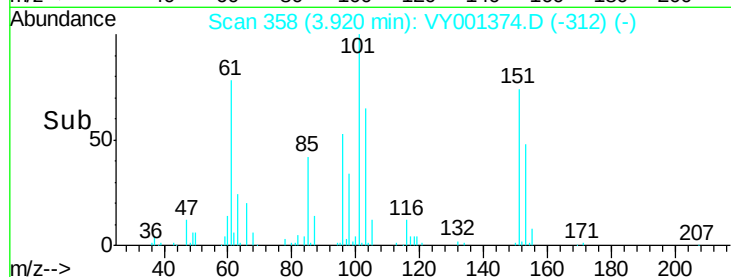
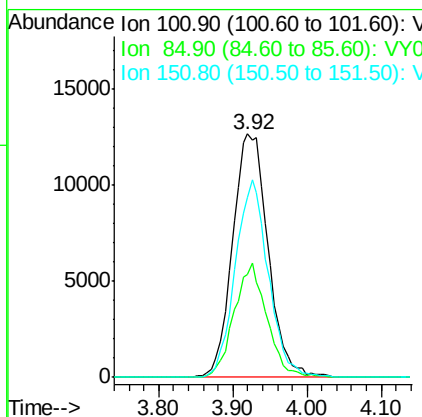
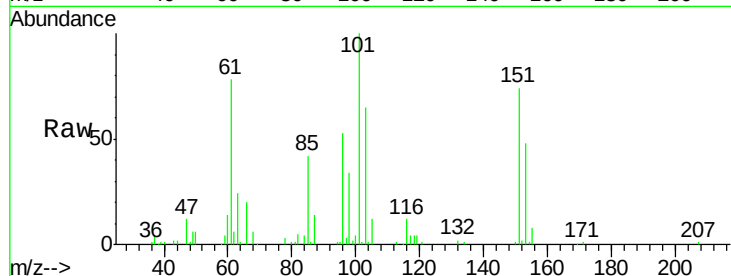
ClientSampleId :

VY0124SBS01

Tot Ion:	101	Resp:	42389
Ion Ratio	Lower	Upper	
101	100		
85	43.2	34.9	52.3
151	75.7	59.9	89.9

Manual Integrations
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#10

Methyl Iodide

Concen: 19.776 ug/l

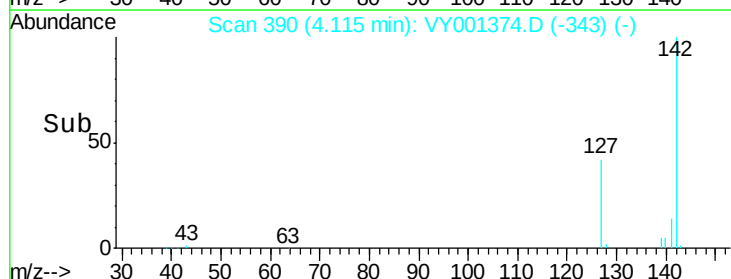
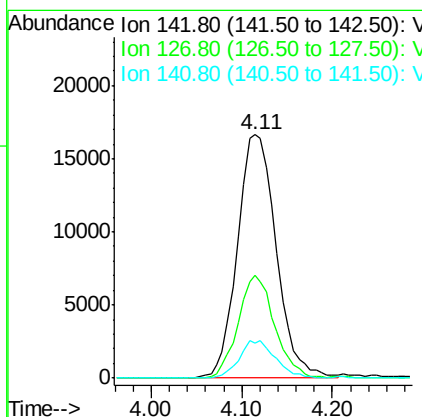
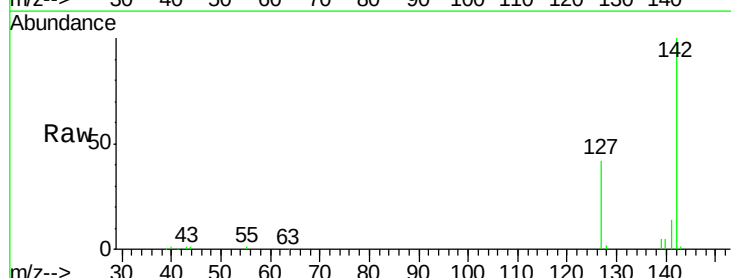
RT: 4.11 min Scan# 390

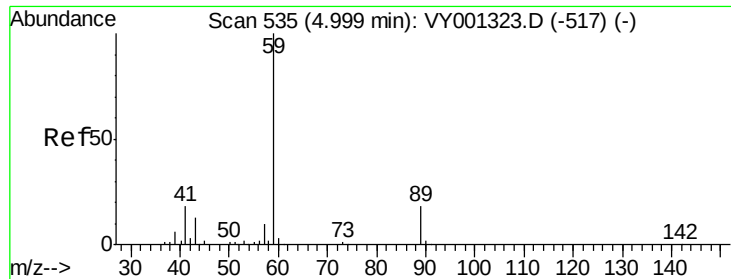
Delta R.T. -0.01 min

Lab File: VY001374.D

Acq: 24 Jan 2020 12:15

Tgt Ion:	142	Resp:	49392
Ion Ratio	Lower	Upper	
142	100		
127	39.9	31.6	47.4
141	14.3	11.2	16.8





#11

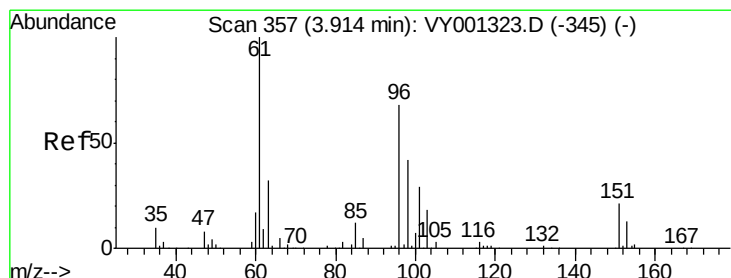
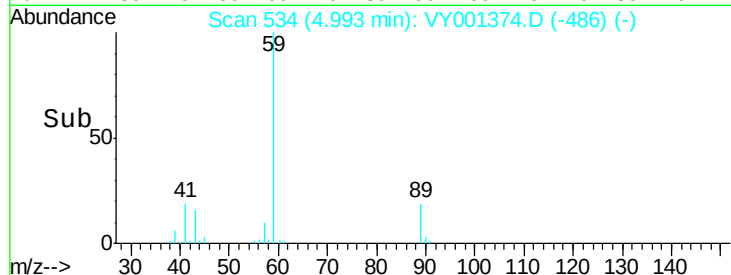
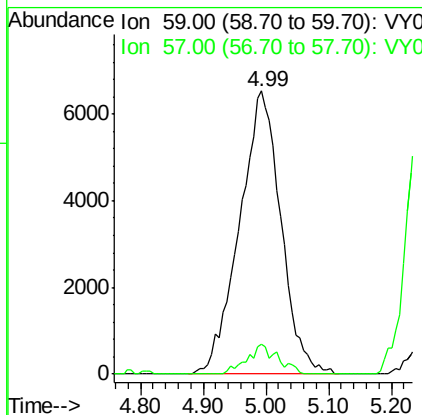
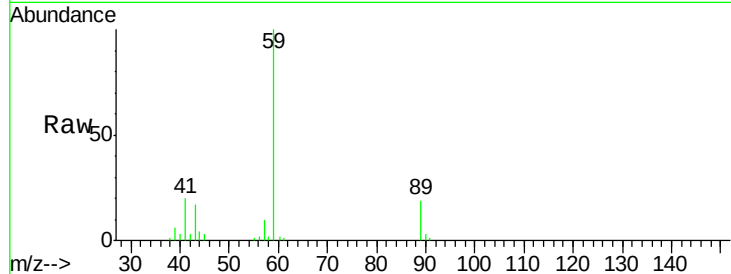
Tert butyl alcohol
 Concen: 104.946 ug/l
 RT: 4.99 min Scan# 534
 Delta R.T. -0.01 min
 Lab File: VY001374.D
 Acq: 24 Jan 2020 12:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0124SBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	7.1	7.4	11.2#

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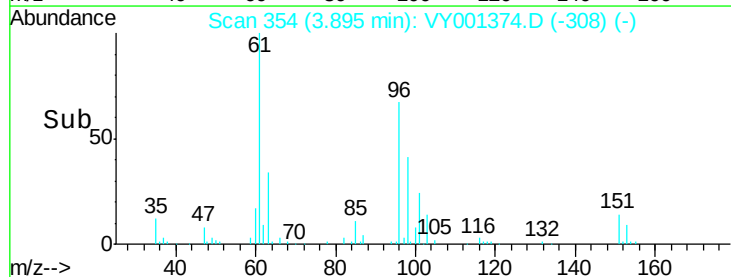
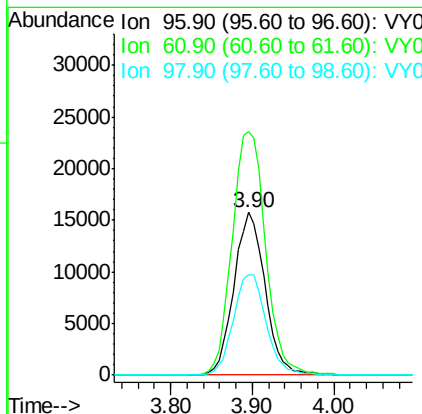
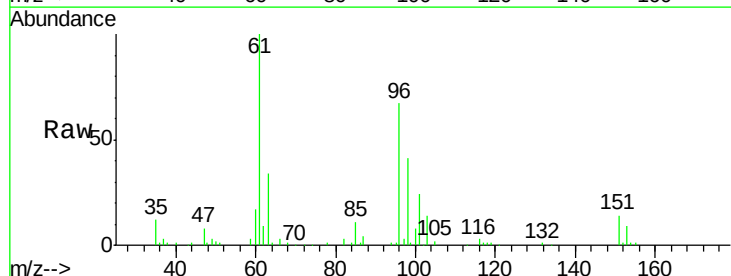
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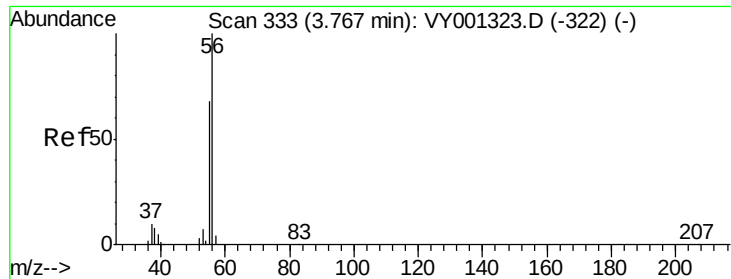


#12

1,1-Dichloroethene
 Concen: 21.013 ug/l
 RT: 3.90 min Scan# 354
 Delta R.T. -0.02 min
 Lab File: VY001374.D
 Acq: 24 Jan 2020 12:15

Tgt Ion	Ratio	Lower	Upper
96	100		
61	149.6	118.0	177.0
98	61.8	49.4	74.2





#13

Acrolein

Concen: 120.316 ug/l

RT: 3.75 min Scan# 330

Delta R.T. -0.02 min

Lab File: VY001374.D

Acq: 24 Jan 2020 12:15

Instrument :

MSVOA_Y

ClientSampleId :

VY0124SBS01

Tot Ion: 56 Resp: 19170

Ion Ratio Lower Upper

56 100

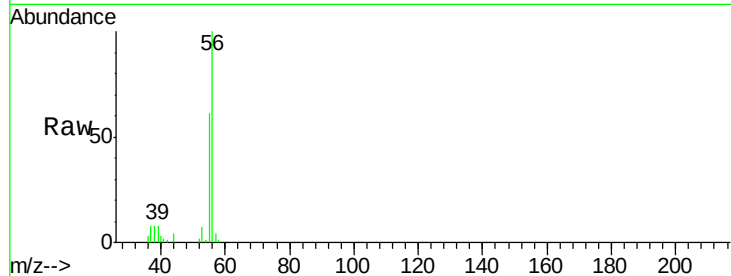
55 73.5 55.9 83.9

Manual Integrations

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Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

8000

6000

4000

2000

0

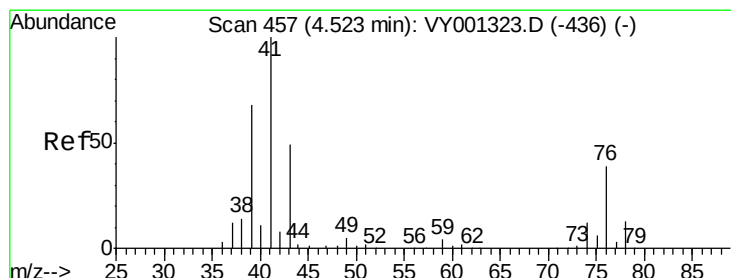
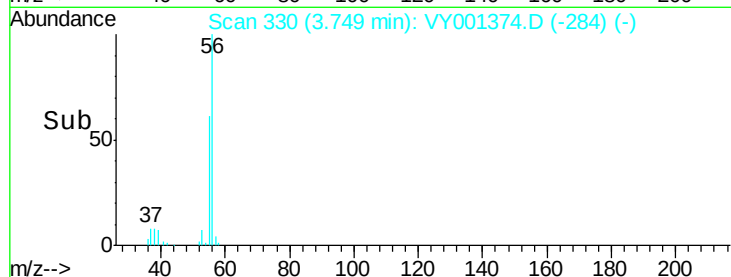
3.75

3.70

3.80

3.90

Time-->



#14

Allyl chloride

Concen: 20.835 ug/l

RT: 4.50 min Scan# 454

Delta R.T. -0.02 min

Lab File: VY001374.D

Acq: 24 Jan 2020 12:15

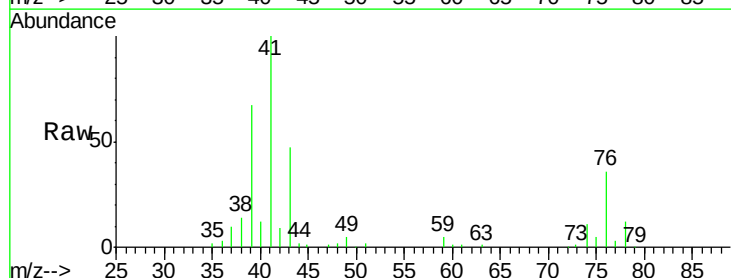
Tgt Ion: 41 Resp: 73775

Ion Ratio Lower Upper

41 100

39 65.0 52.2 78.4

76 35.4 29.1 43.7



Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0

30000

25000

20000

15000

10000

5000

0

4.50

4.30

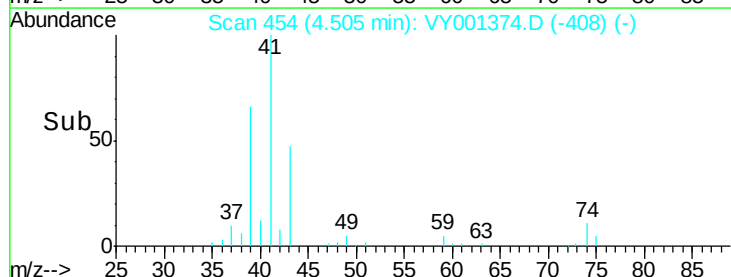
4.40

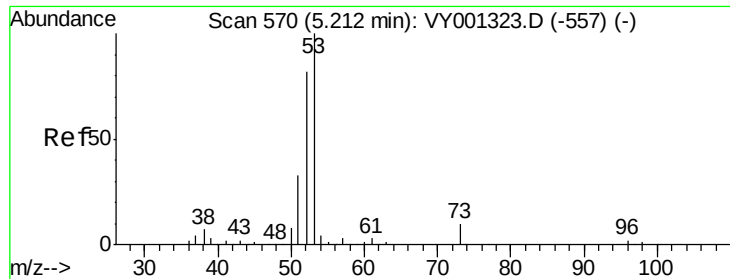
4.50

4.60

4.70

Time-->





#15

Acrylonitrile

Concen: 105.093 ug/l

RT: 5.20 min Scan# 568

Delta R.T. -0.01 min

Lab File: VY001374.D

Acq: 24 Jan 2020 12:15

Instrument :

MSVOA_Y

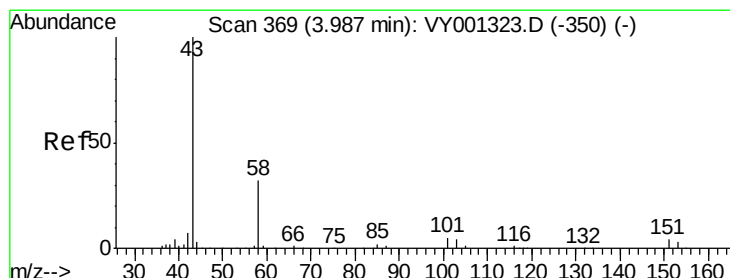
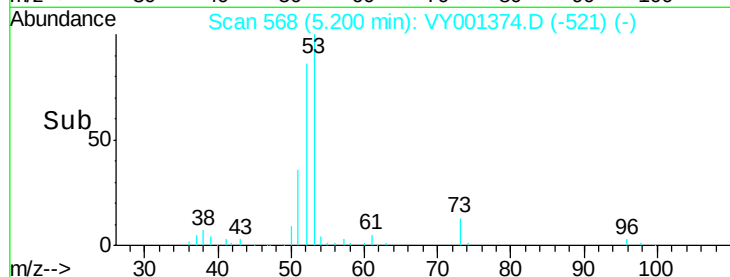
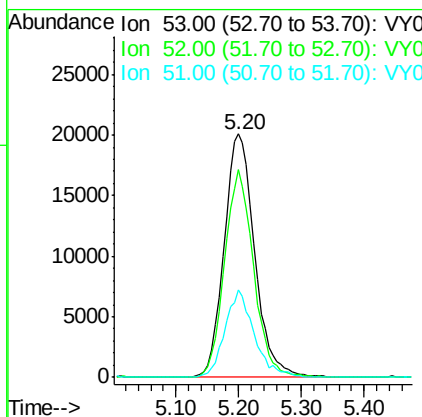
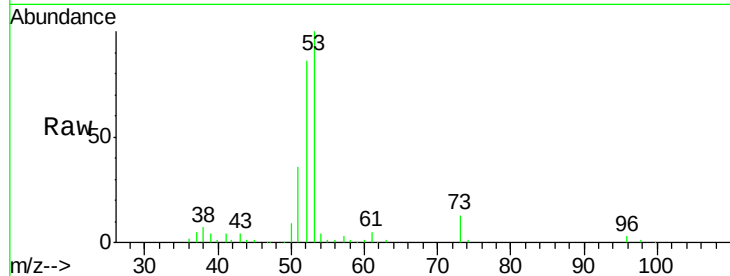
ClientSampleId :

VY0124SBS01

Tot Ion:	53	Resp:	67527
Ion	Ratio	Lower	Upper
53	100		
52	81.3	65.3	97.9
51	34.6	28.4	42.6

Manual Integrations
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#16

Acetone

Concen: 107.209 ug/l

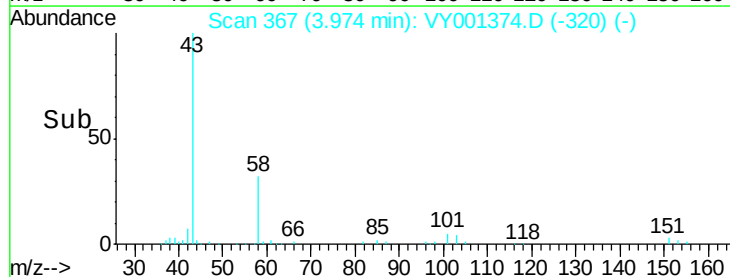
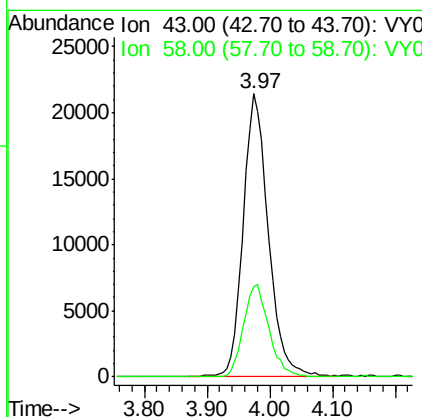
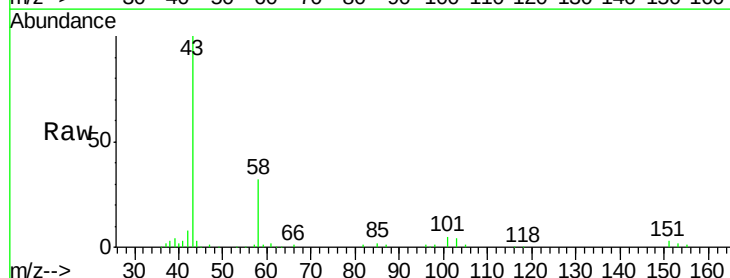
RT: 3.97 min Scan# 367

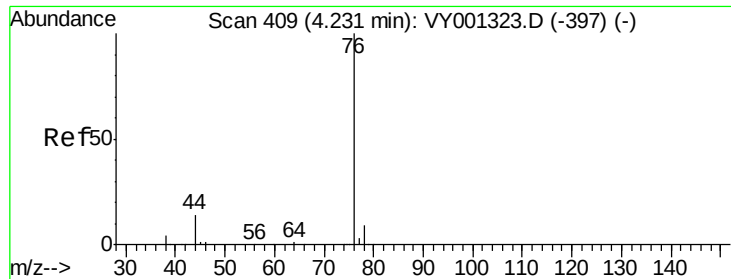
Delta R.T. -0.01 min

Lab File: VY001374.D

Acq: 24 Jan 2020 12:15

Tgt Ion:	43	Resp:	59790
Ion	Ratio	Lower	Upper
43	100		
58	32.0	25.4	38.0





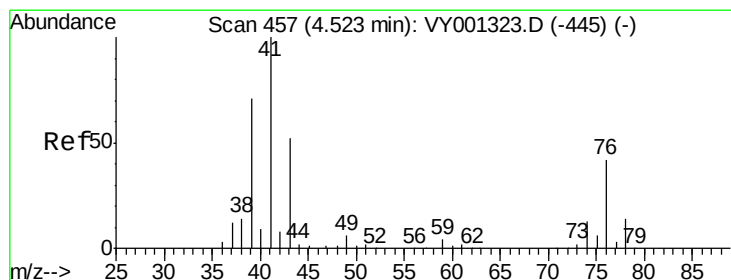
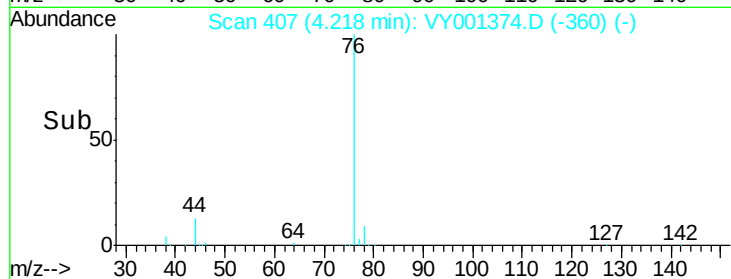
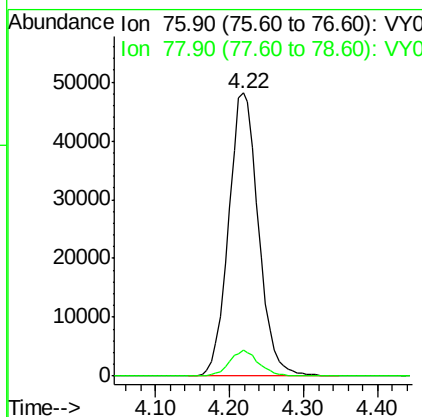
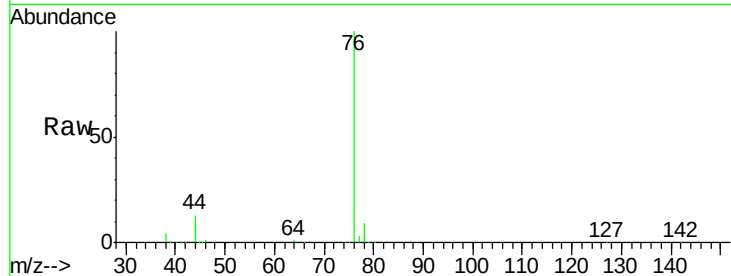
#17
Carbon Disulfide
Concen: 21.612 ug/l
RT: 4.22 min Scan# 407
Delta R.T. -0.01 min
Lab File: VY001374.D
Acq: 24 Jan 2020 12:15

Instrument :
MSVOA_Y
ClientSampleId :
VY0124SBS01

Tot Ion: 76 Resp: 134956
Ion Ratio Lower Upper
76 100
78 9.3 7.0 10.6

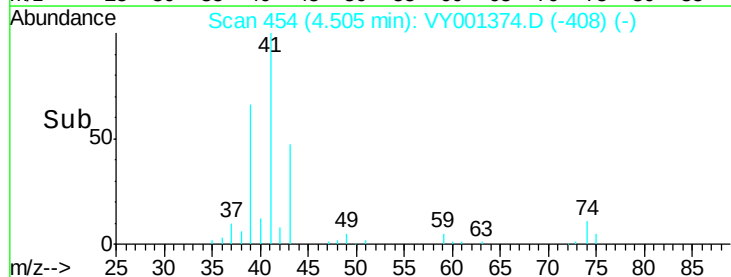
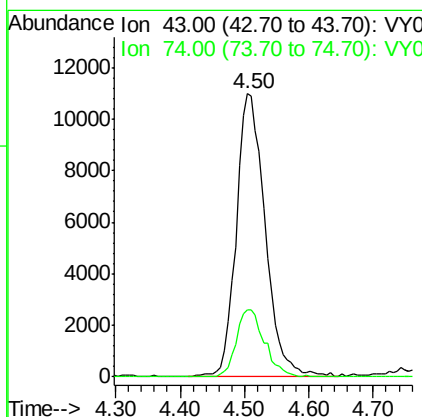
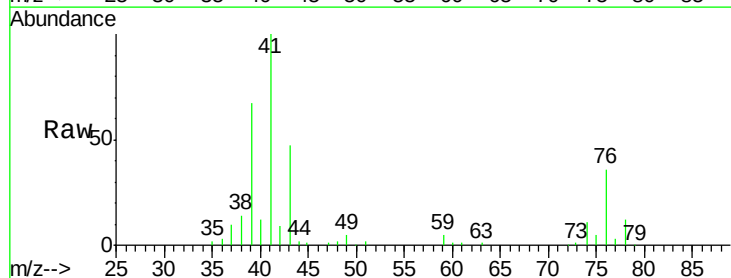
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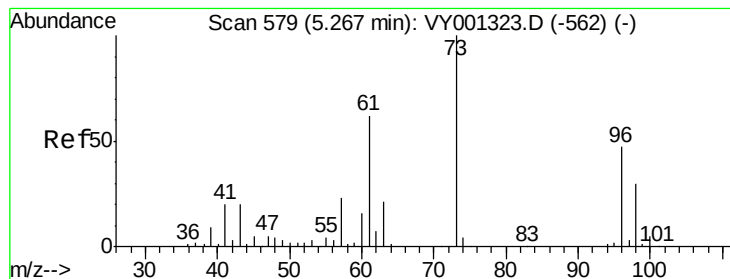
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#18
Methyl Acetate
Concen: 19.897 ug/l
RT: 4.50 min Scan# 454
Delta R.T. -0.02 min
Lab File: VY001374.D
Acq: 24 Jan 2020 12:15

Tgt Ion: 43 Resp: 34144
Ion Ratio Lower Upper
43 100
74 23.1 19.4 29.2





#19

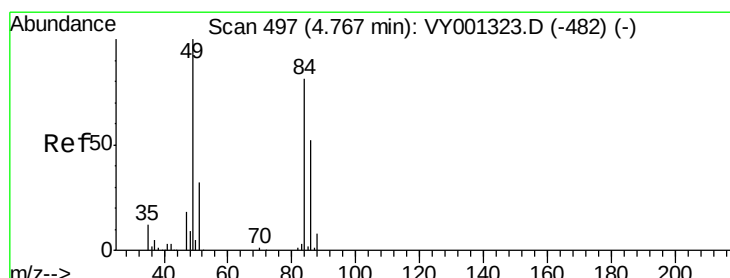
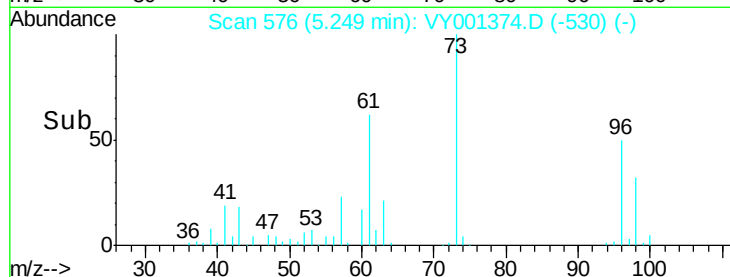
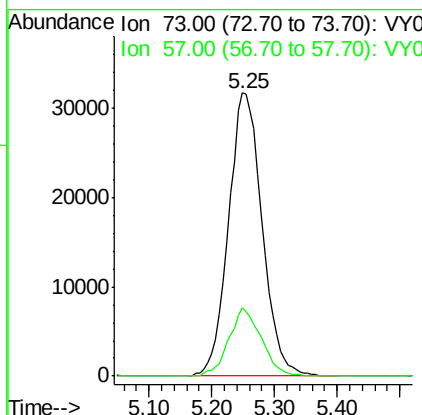
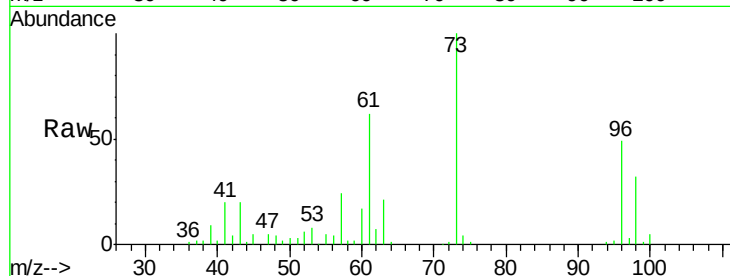
Methyl tert-butyl Ether
 Concen: 20.218 ug/l
 RT: 5.25 min Scan# 576
 Delta R.T. -0.02 min
 Lab File: VY001374.D
 Acq: 24 Jan 2020 12:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0124SBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	24.1	18.2	27.2

Manual Integrations
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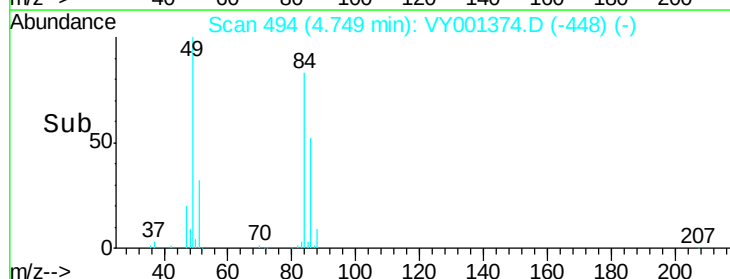
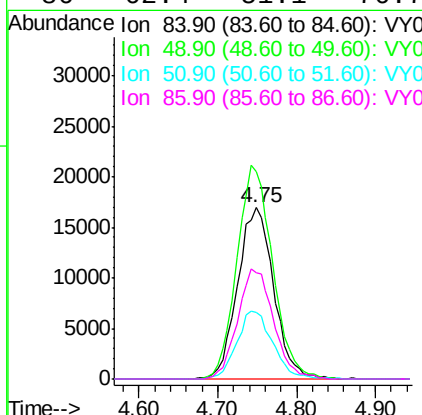
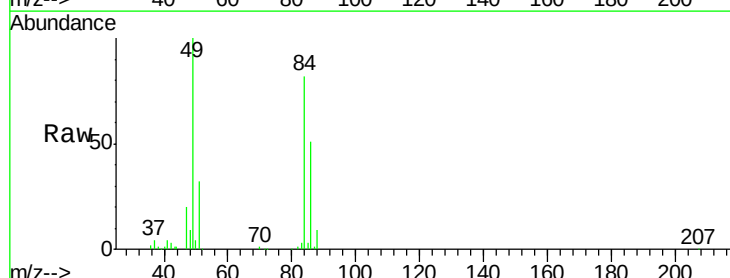
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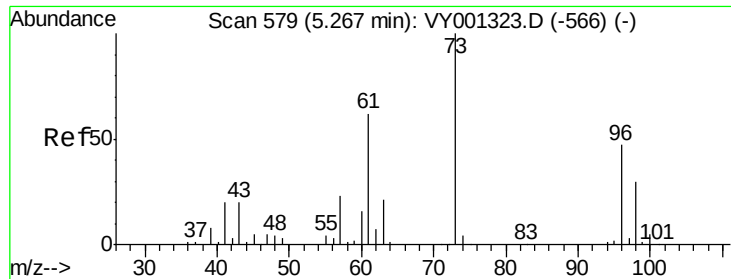


#20

Methylene Chloride
 Concen: 18.824 ug/l
 RT: 4.75 min Scan# 494
 Delta R.T. -0.02 min
 Lab File: VY001374.D
 Acq: 24 Jan 2020 12:15

Tgt Ion	Ratio	Lower	Upper
84	100		
49	121.5	98.3	147.5
51	39.0	31.6	47.4
86	62.4	51.1	76.7





#21

trans-1,2-Dichloroethene

Concen: 20.433 ug/l

RT: 5.25 min Scan# 576

Delta R.T. -0.02 min

Lab File: VY001374.D

Acq: 24 Jan 2020 12:15

Instrument :

MSVOA_Y

ClientSampleId :

VY0124SBS01

Tot Ion: 96 Resp: 47127

Ion Ratio Lower Upper

96 100

61 126.1 106.8 160.2

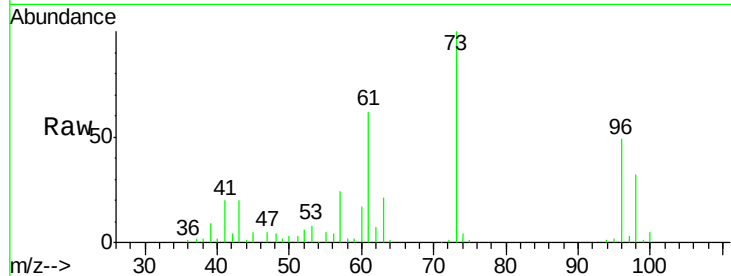
98 64.1 51.0 76.6

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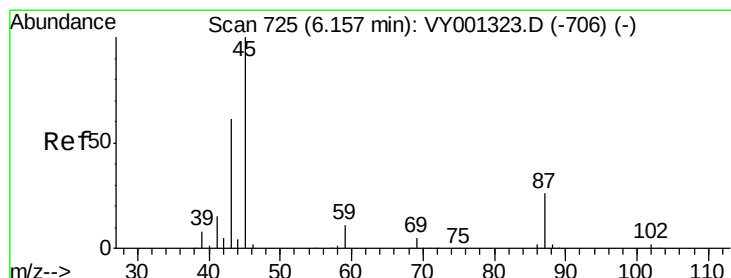
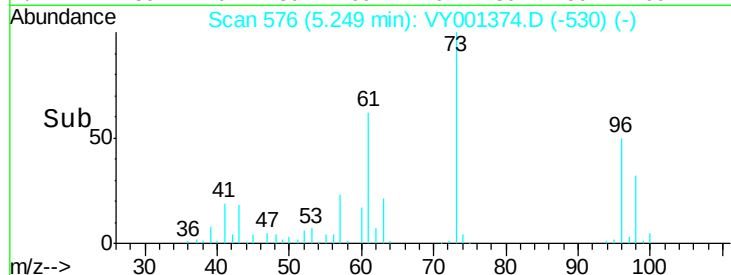
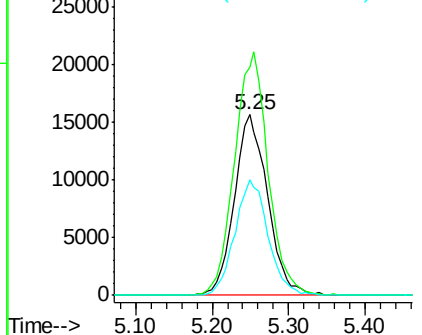
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Abundance Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0



#22

Diisopropyl ether

Concen: 20.016 ug/l

RT: 6.14 min Scan# 723

Delta R.T. -0.01 min

Lab File: VY001374.D

Acq: 24 Jan 2020 12:15

Tgt Ion: 45 Resp: 150501

Ion Ratio Lower Upper

45 100

43 61.9 49.2 73.8

87 25.9 21.4 32.2

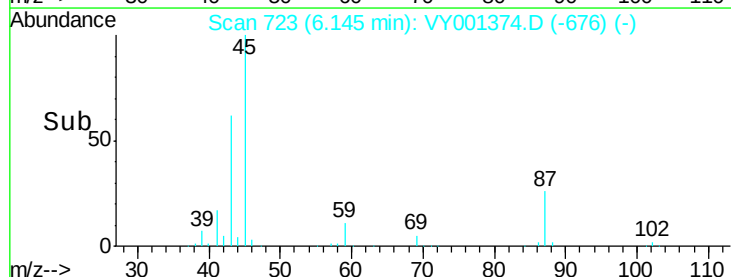
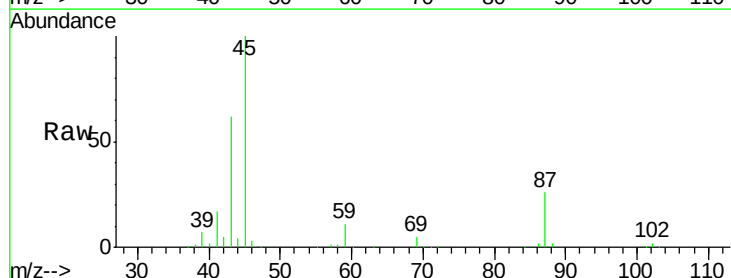
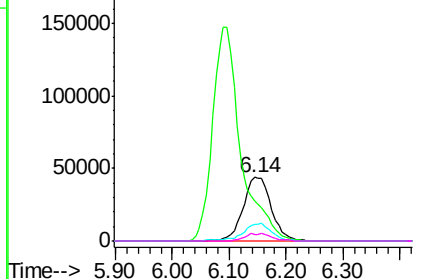
59 11.0 9.3 13.9

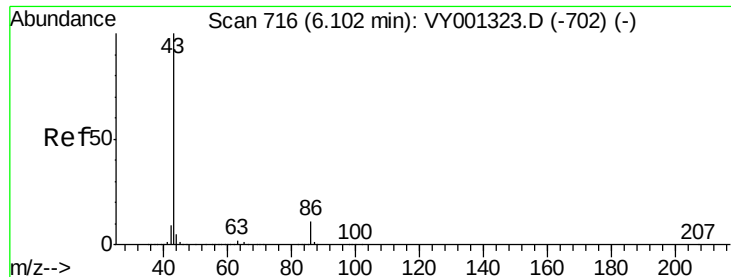
Abundance Ion 45.00 (44.70 to 45.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 87.00 (86.70 to 87.70): VY0

Ion 59.00 (58.70 to 59.70): VY0





#23

Vinyl Acetate

Concen: 103.502 ug/l

RT: 6.09 min Scan# 714

Delta R.T. -0.01 min

Lab File: VY001374.D

Acq: 24 Jan 2020 12:15

Instrument :

MSVOA_Y

ClientSampleId :

VY0124SBS01

Tot Ion: 43 Resp: 505228

Ion Ratio Lower Upper

43 100

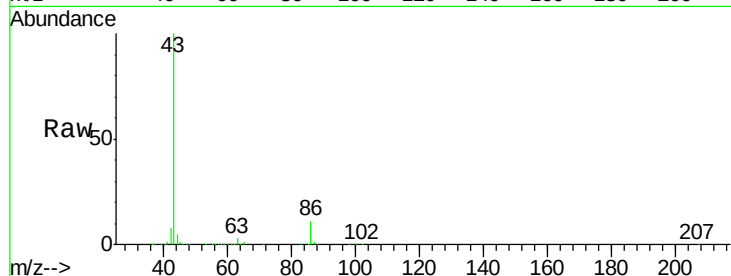
86 10.7 8.6 13.0

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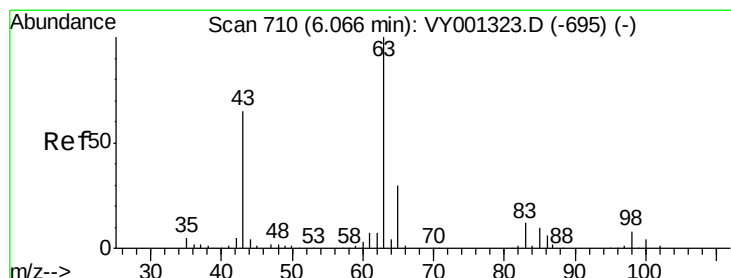
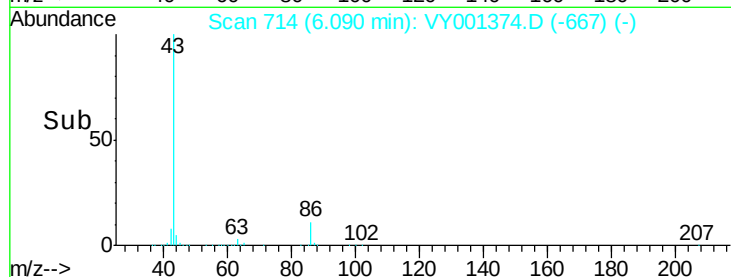
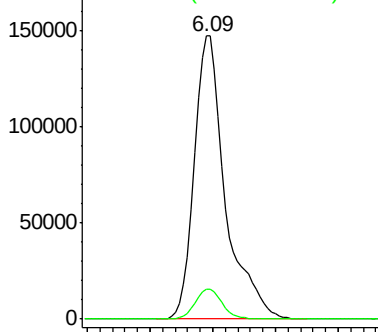
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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 20.565 ug/l

RT: 6.05 min Scan# 707

Delta R.T. -0.02 min

Lab File: VY001374.D

Acq: 24 Jan 2020 12:15

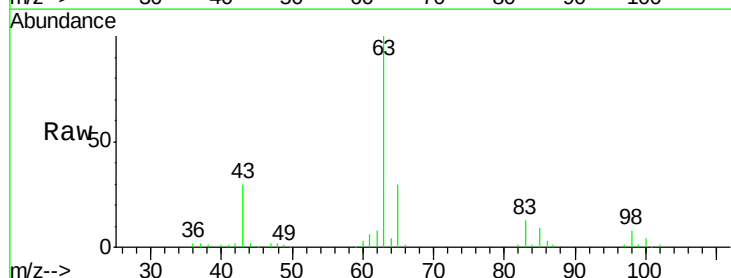
Tgt Ion: 63 Resp: 81503

Ion Ratio Lower Upper

63 100

98 8.4 4.0 12.0

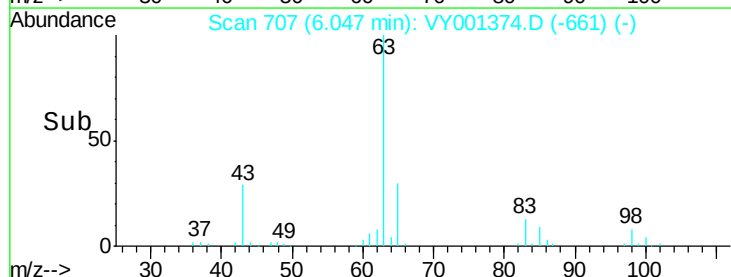
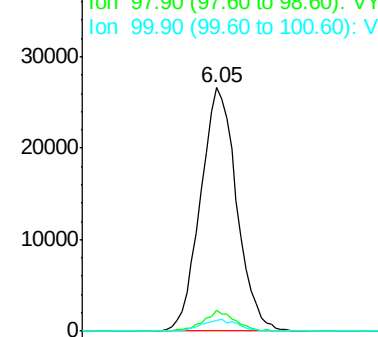
100 4.3 2.1 6.3

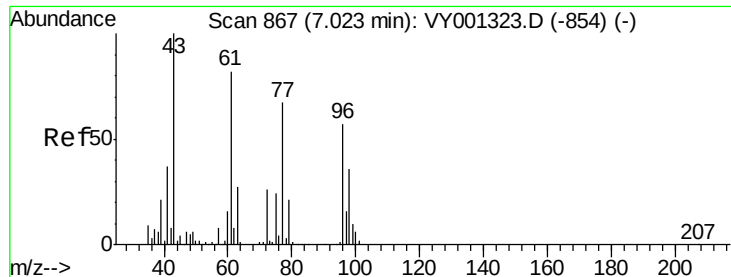


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 104.798 ug/l

RT: 7.02 min Scan# 866

Delta R.T. -0.01 min

Lab File: VY001374.D

Acq: 24 Jan 2020 12:15

Instrument :

MSVOA_Y

ClientSampleId :

VY0124SBS01

Tot Ion: 43 Resp: 92819

Ion Ratio Lower Upper

43 100

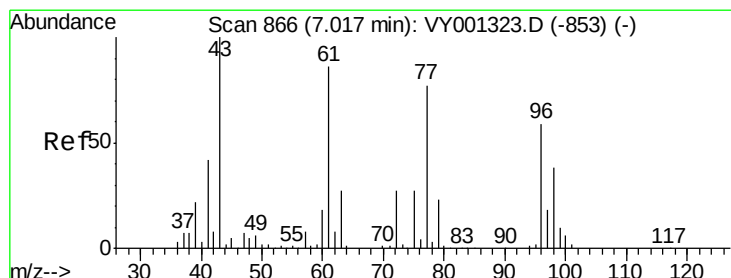
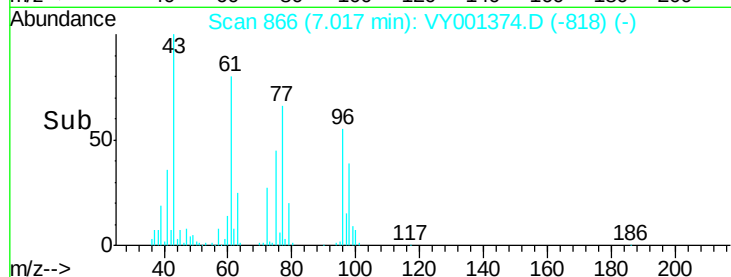
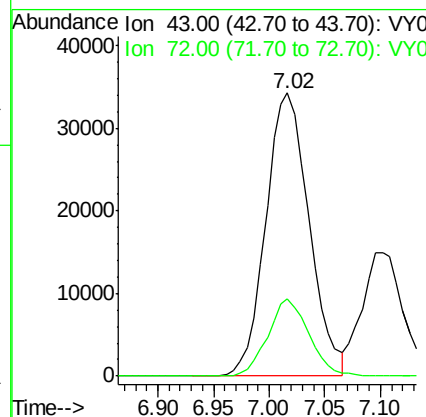
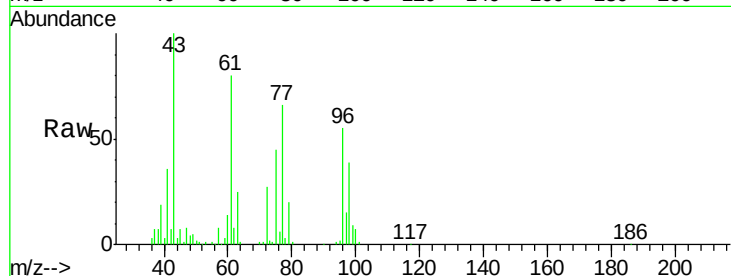
72 27.4 20.6 31.0

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 20.964 ug/l

RT: 7.00 min Scan# 864

Delta R.T. -0.01 min

Lab File: VY001374.D

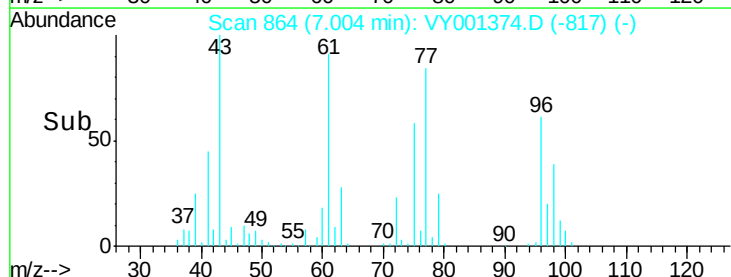
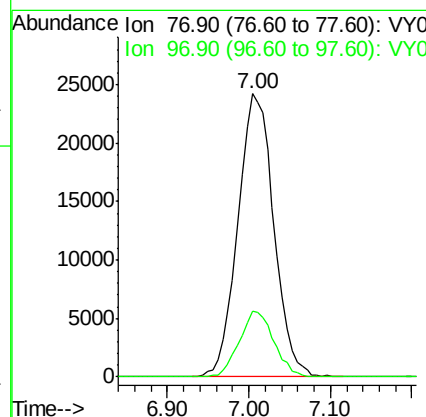
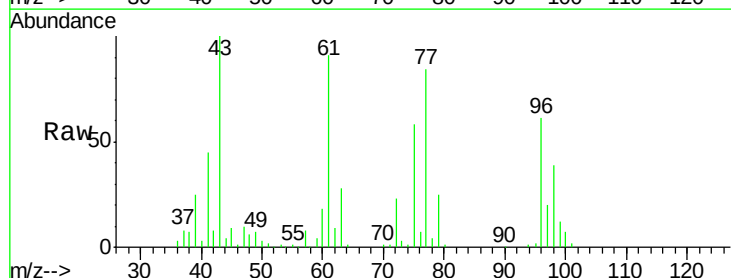
Acq: 24 Jan 2020 12:15

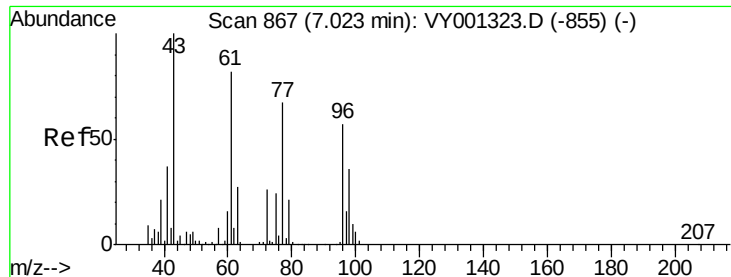
Tgt Ion: 77 Resp: 74008

Ion Ratio Lower Upper

77 100

97 22.3 11.9 35.5





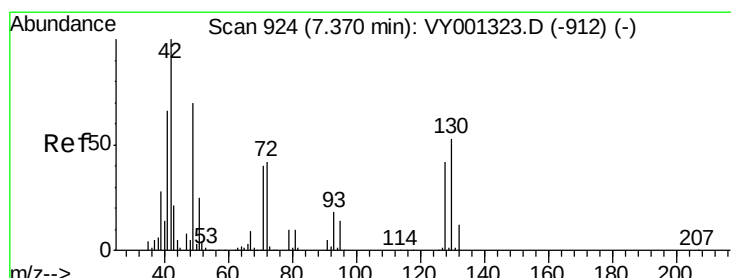
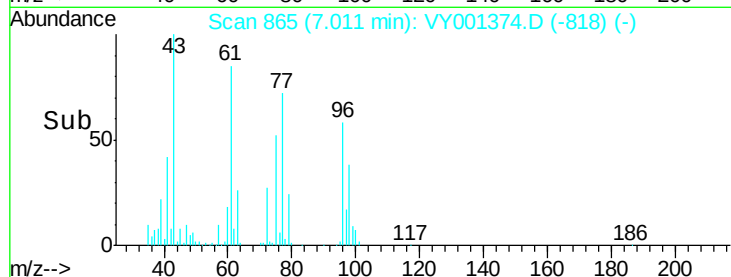
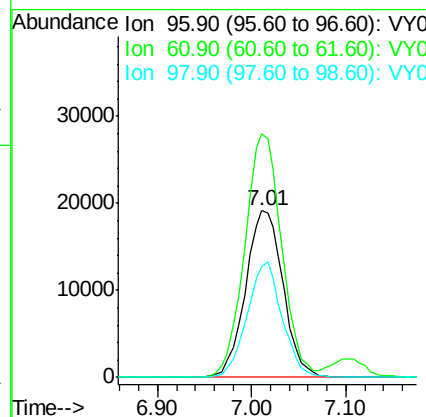
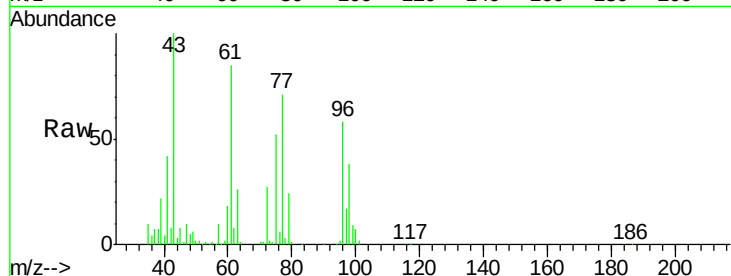
#27
 cis-1,2-Dichloroethene
 Concen: 20.630 ug/l
 RT: 7.01 min Scan# 865
 Delta R.T. -0.01 min
 Lab File: VY001374.D
 Acq: 24 Jan 2020 12:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0124SBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	144.3	0.0	284.8	
98	64.9	0.0	128.4	

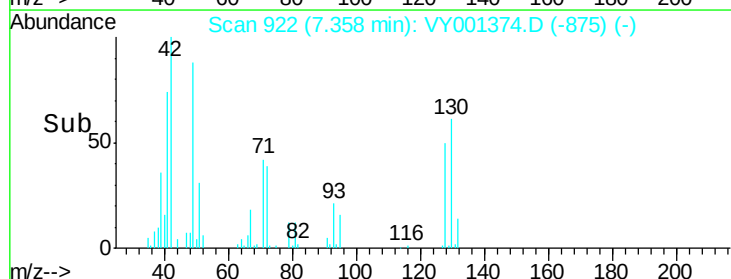
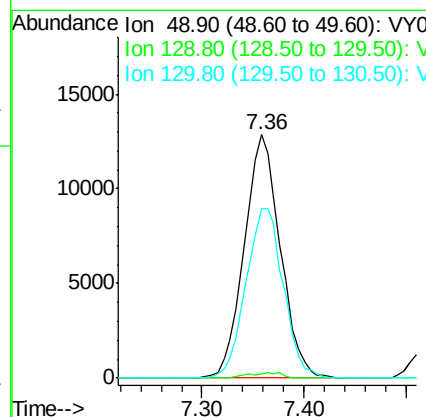
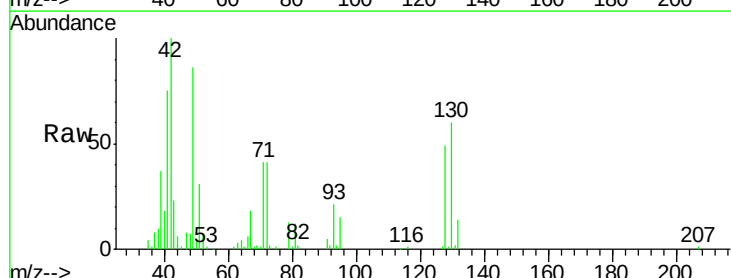
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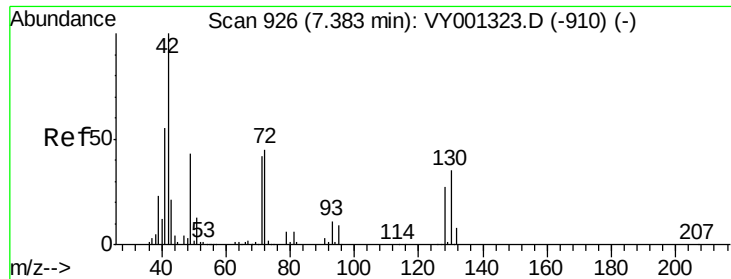
MMDadoda
 1/27/2020 12:01:47 PM



#28
 Bromochloromethane
 Concen: 19.271 ug/l
 RT: 7.36 min Scan# 922
 Delta R.T. -0.01 min
 Lab File: VY001374.D
 Acq: 24 Jan 2020 12:15

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	1.9	0.0	4.0	
130	72.4	58.9	88.3	





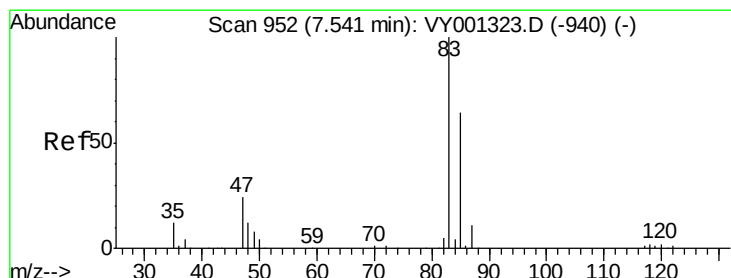
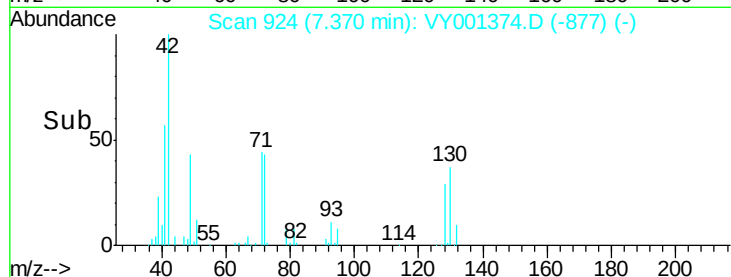
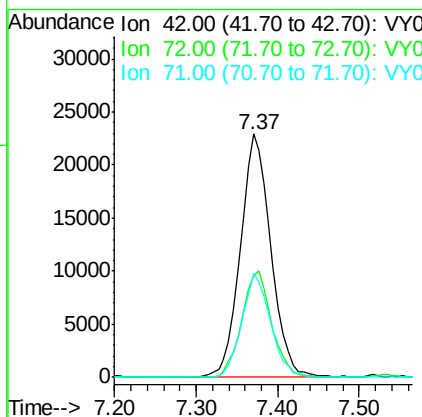
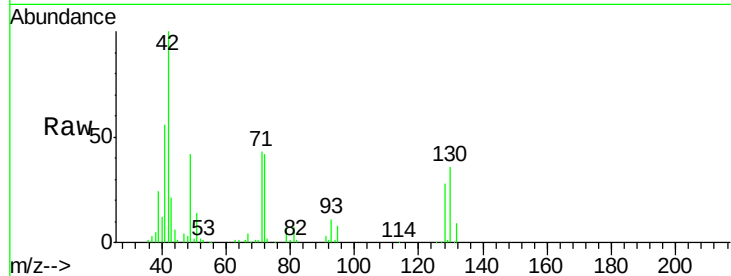
#29
Tetrahydrofuran
Concen: 103.207 ug/l
RT: 7.37 min Scan# 924
Delta R.T. -0.01 min
Lab File: VY001374.D
Acq: 24 Jan 2020 12:15

Instrument :
MSVOA_Y
ClientSampleId :
VY0124SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.9	34.6	51.8
71	40.2	32.6	48.8

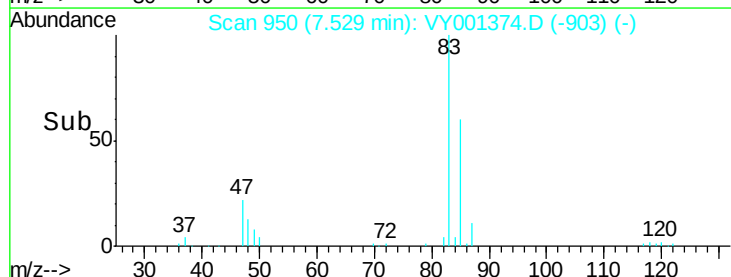
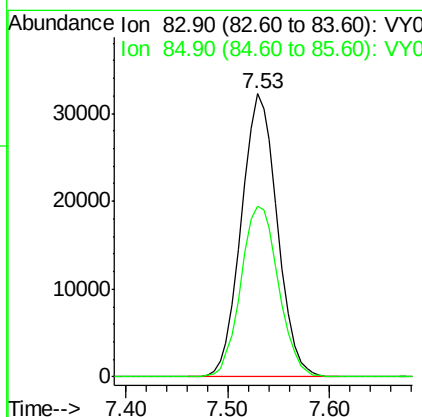
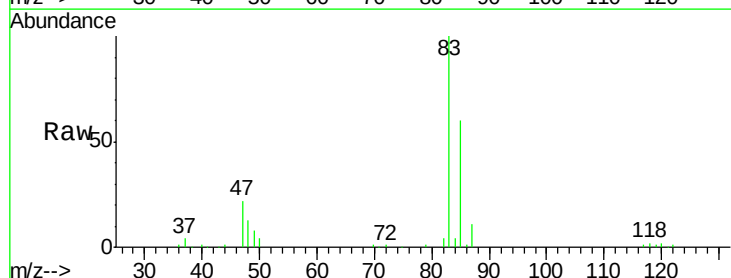
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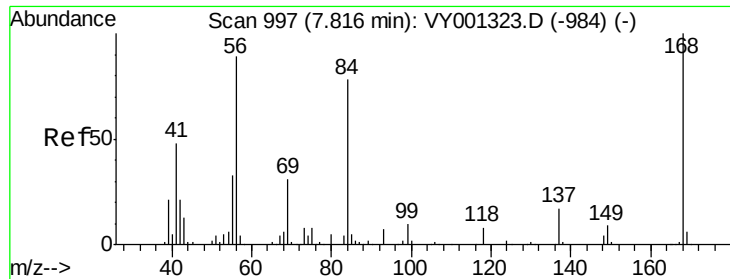
MMDadoda
1/27/2020 12:01:47 PM



#30
Chloroform
Concen: 20.304 ug/l
RT: 7.53 min Scan# 950
Delta R.T. -0.01 min
Lab File: VY001374.D
Acq: 24 Jan 2020 12:15

Tgt Ion	Ratio	Lower	Upper
83	100		
85	60.3	51.5	77.3





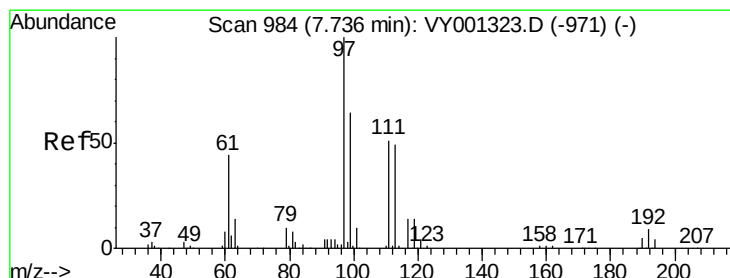
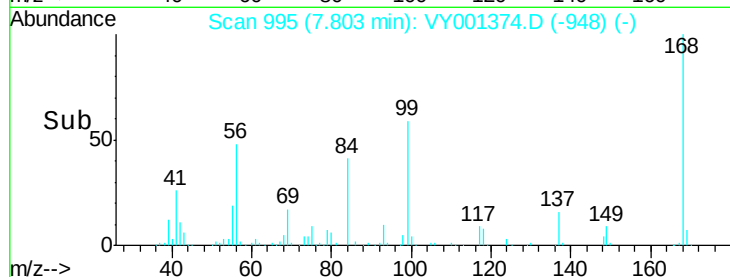
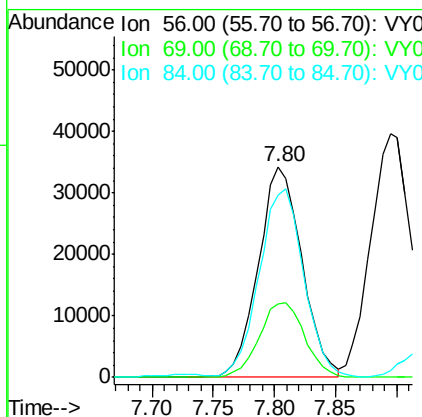
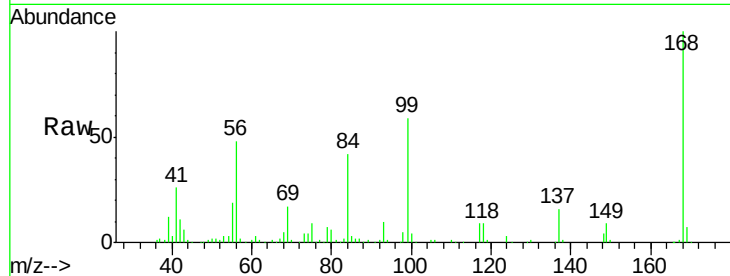
#31
Cyclohexane
Concen: 21.616 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.01 min
Lab File: VY001374.D
Acq: 24 Jan 2020 12:15

Instrument :
MSVOA_Y
ClientSampleId :
VY0124SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	35.1	27.6	41.4
84	85.2	69.7	104.5

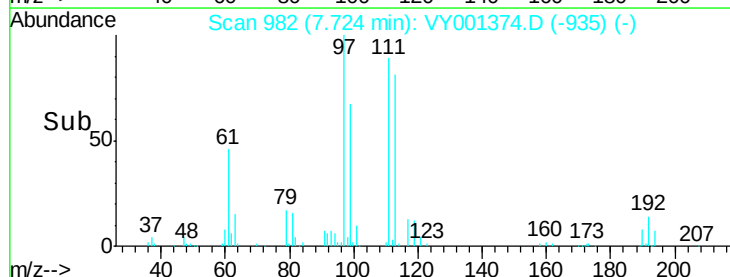
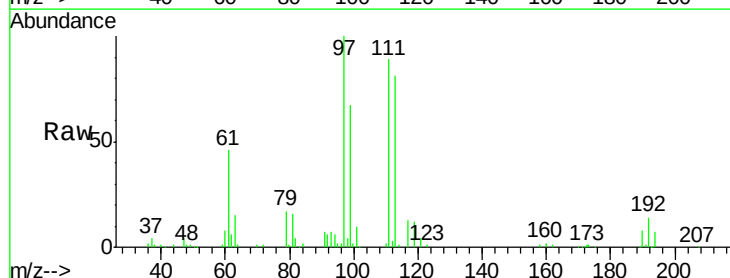
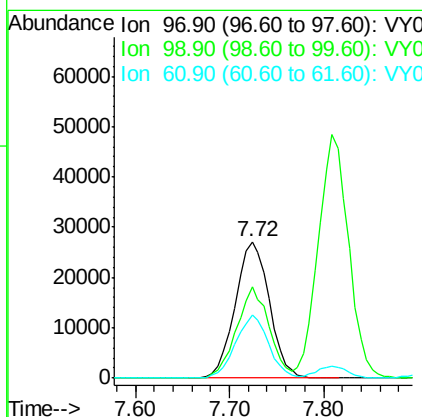
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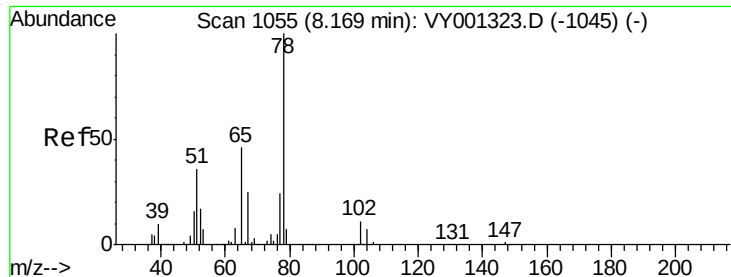
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 20.990 ug/l
RT: 7.72 min Scan# 982
Delta R.T. -0.01 min
Lab File: VY001374.D
Acq: 24 Jan 2020 12:15

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.9	51.3	76.9
61	44.8	35.9	53.9





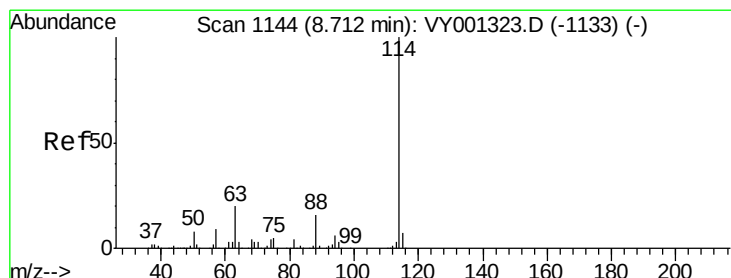
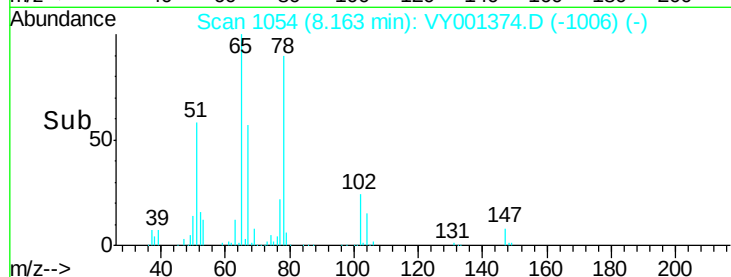
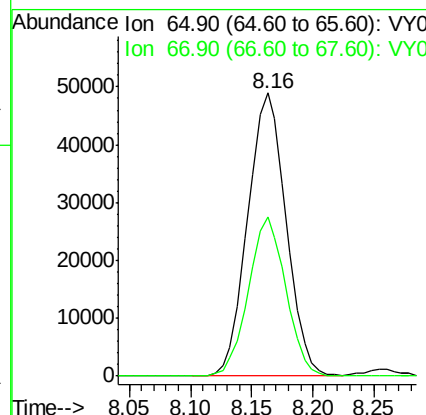
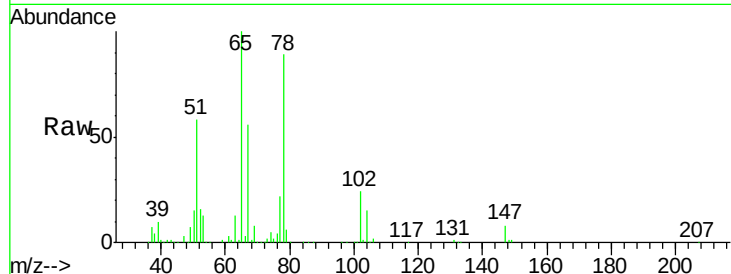
#33
 1,2-Dichloroethane-d4
 Concen: 52.643 ug/l
 RT: 8.16 min Scan# 1054
 Delta R.T. -0.01 min
 Lab File: VY001374.D
 Acq: 24 Jan 2020 12:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0124SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	107122		
67	54.6	0.0	108.6	

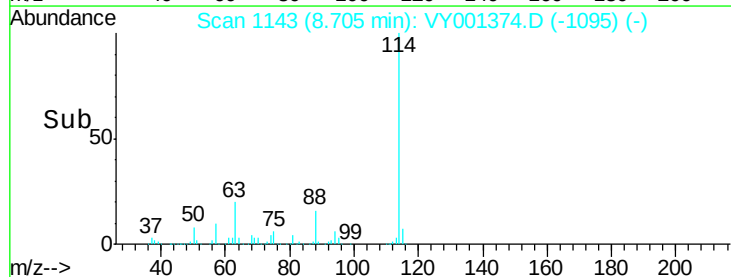
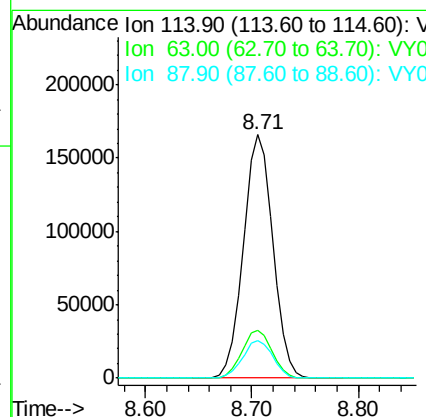
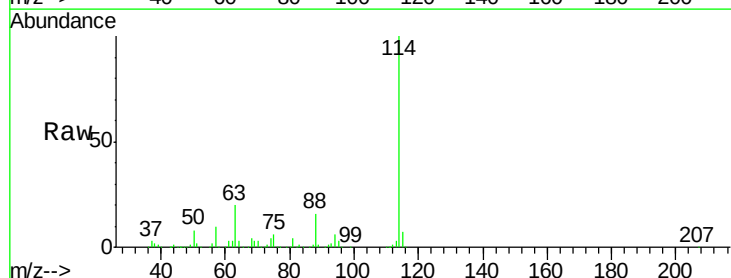
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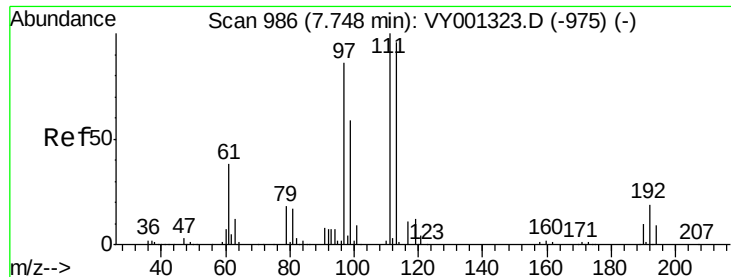
MMDadoda
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. -0.01 min
 Lab File: VY001374.D
 Acq: 24 Jan 2020 12:15

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	323029		
63	19.9	0.0	40.8	
88	15.6	0.0	31.0	





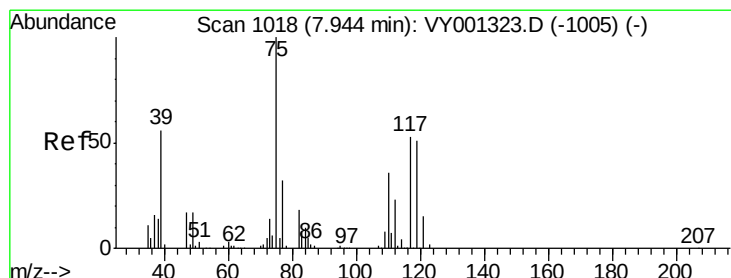
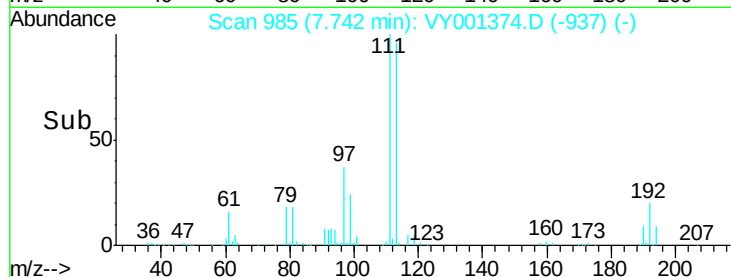
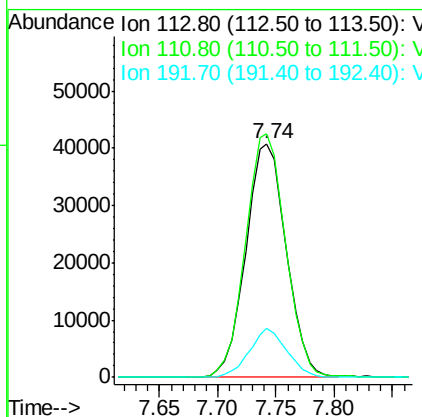
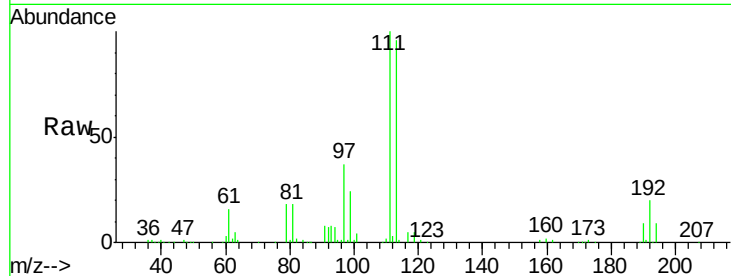
#35
 Dibromofluoromethane
 Concen: 51.876 ug/l
 RT: 7.74 min Scan# 985
 Delta R.T. -0.01 min
 Lab File: VY001374.D
 Acq: 24 Jan 2020 12:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0124SBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	98352		
111	103.7	82.8	124.2	
192	19.4	15.5	23.3	

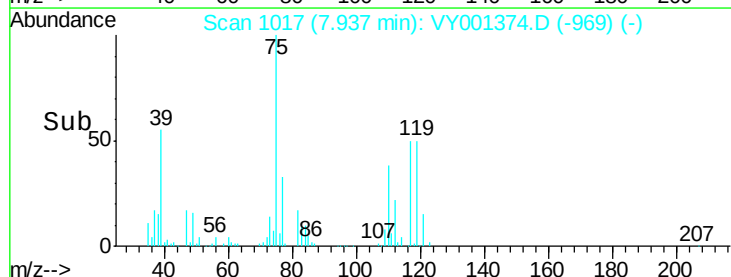
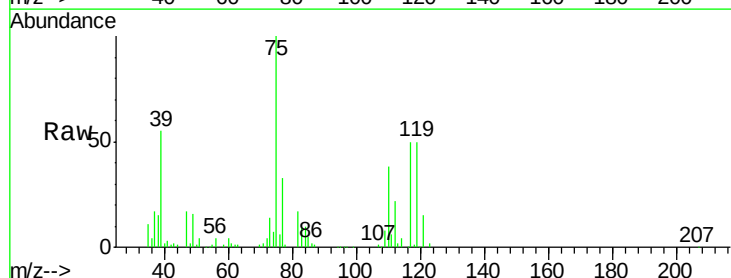
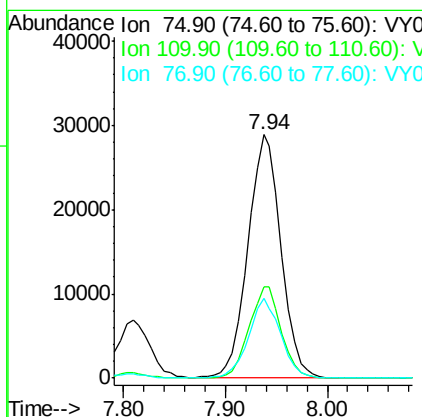
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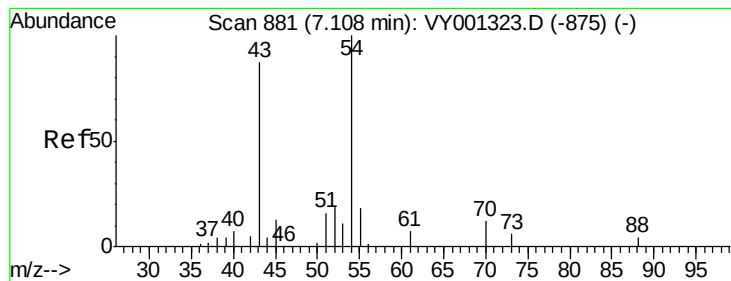
MMDadoda
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#36
 1,1-Dichloropropene
 Concen: 21.332 ug/l
 RT: 7.94 min Scan# 1017
 Delta R.T. -0.01 min
 Lab File: VY001374.D
 Acq: 24 Jan 2020 12:15

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	65101		
110	36.4	17.6	52.8	
77	31.8	24.7	37.1	





#37

Ethyl Acetate

Concen: 21.571 ug/l

RT: 7.10 min Scan# 880

Delta R.T. -0.01 min

Lab File: VY001374.D

Acq: 24 Jan 2020 12:15

Instrument :

MSVOA_Y

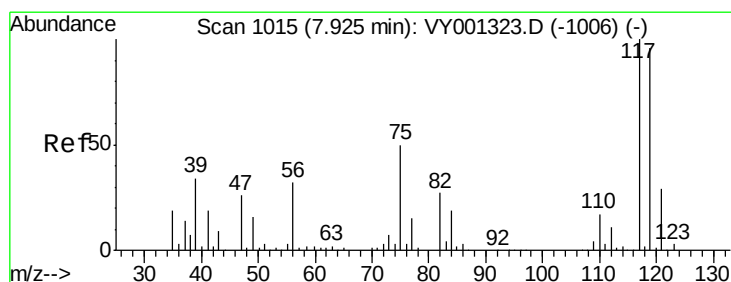
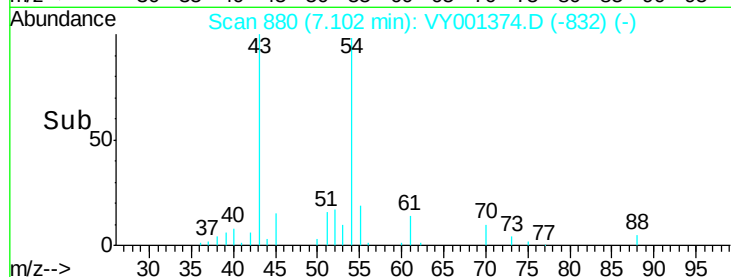
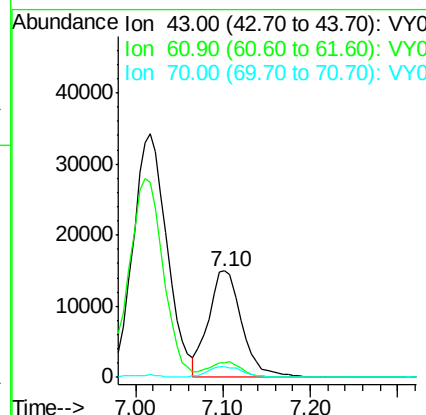
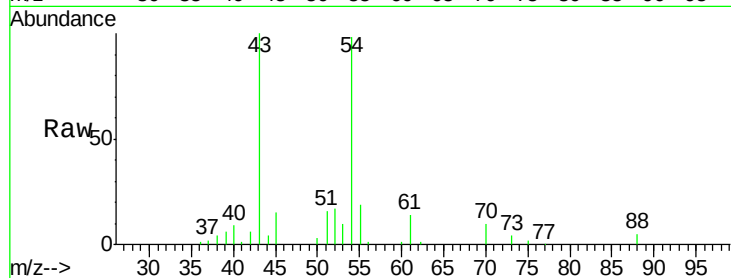
ClientSampleId :

VY0124SBS01

Tot Ion:	43	Resp:	40221
Ion	Ratio	Lower	Upper
43	100		
61	14.0	11.3	16.9
70	10.4	8.7	13.1

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#38

Carbon Tetrachloride

Concen: 21.741 ug/l

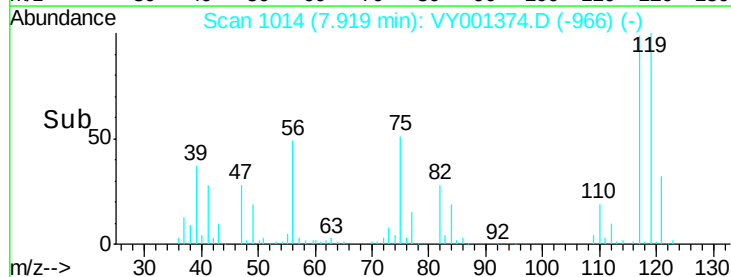
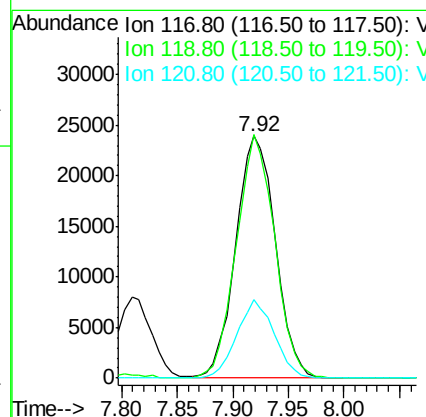
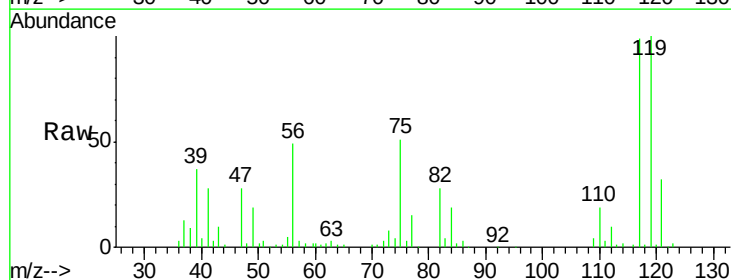
RT: 7.92 min Scan# 1014

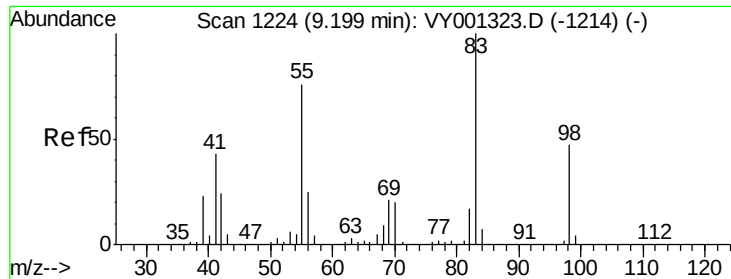
Delta R.T. -0.01 min

Lab File: VY001374.D

Acq: 24 Jan 2020 12:15

Tgt Ion:	117	Resp:	59132
Ion	Ratio	Lower	Upper
117	100		
119	100.5	76.3	114.5
121	32.5	23.5	35.3





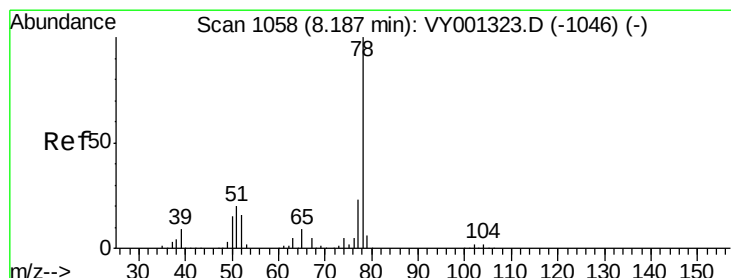
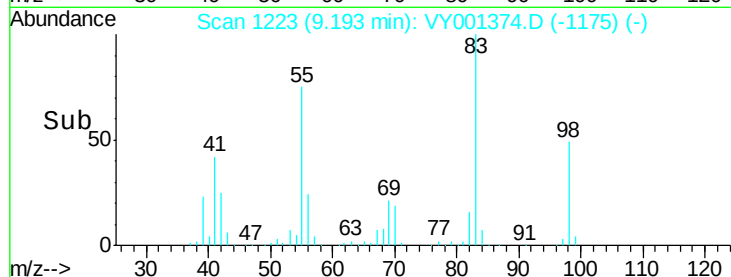
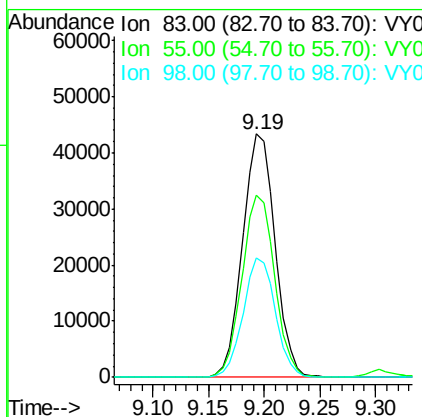
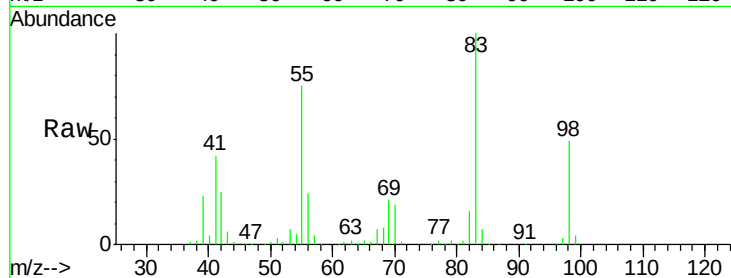
#39
Methylvlcyclohexane
Concen: 22.616 ug/l
RT: 9.19 min Scan# 1223
Delta R.T. -0.01 min
Lab File: VY001374.D
Acq: 24 Jan 2020 12:15

Instrument :
MSVOA_Y
ClientSampleId :
VY0124SBS01

Tot Ion	83	Resp	88418
Ion Ratio	100	Lower	Upper
55	75.0	60.7	91.1
98	49.3	37.8	56.8

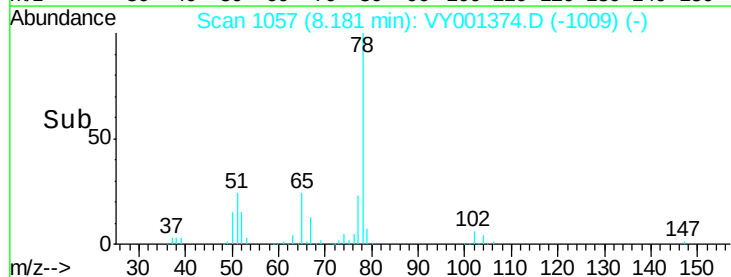
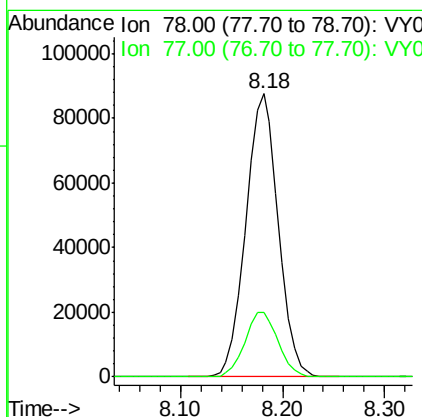
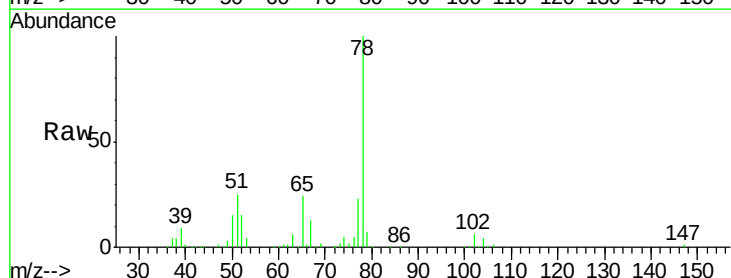
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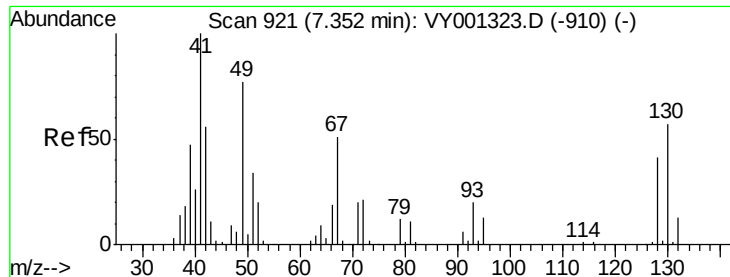
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#40
Benzene
Concen: 21.120 ug/l
RT: 8.18 min Scan# 1057
Delta R.T. -0.01 min
Lab File: VY001374.D
Acq: 24 Jan 2020 12:15

Tgt Ion	78	Resp	193263
Ion Ratio	100	Lower	Upper
77	22.8	18.6	27.8





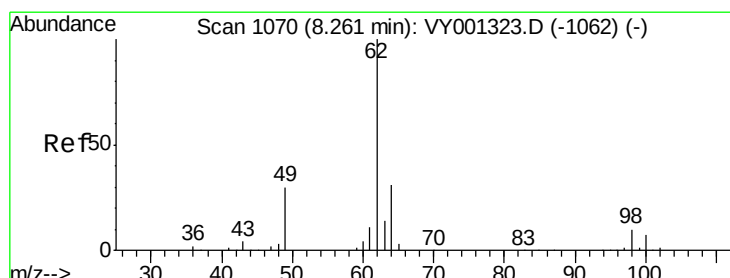
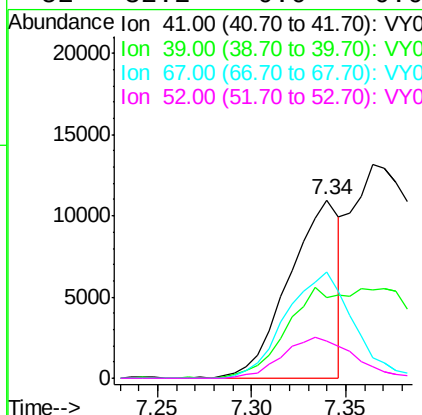
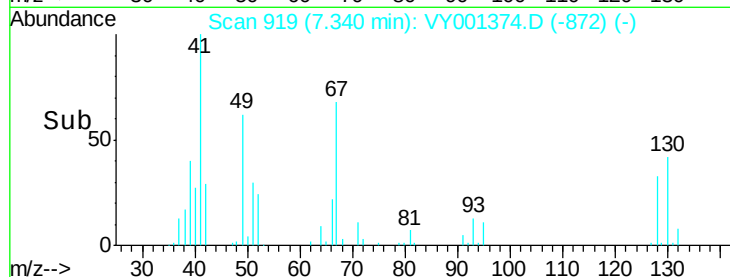
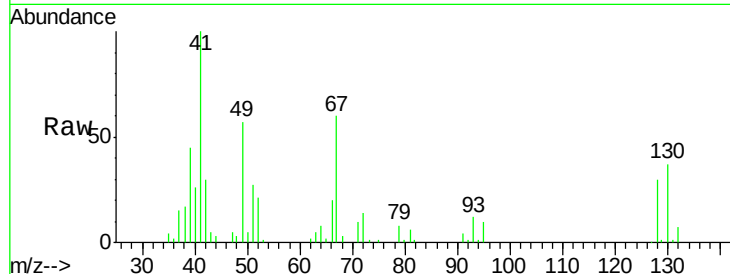
#41
Methacrylonitrile
Concen: 21.431 ug/l
RT: 7.34 min Scan# 919
Delta R.T. -0.01 min
Lab File: VY001374.D
Acq: 24 Jan 2020 12:15

Instrument :
MSVOA_Y
ClientSampleId :
VY0124SBS01

Tot Ion	Ratio	Lower	Upper
41	100		
39	60.9	0.0	0.0#
67	78.6	0.0	0.0#
52	32.2	0.0	0.0#

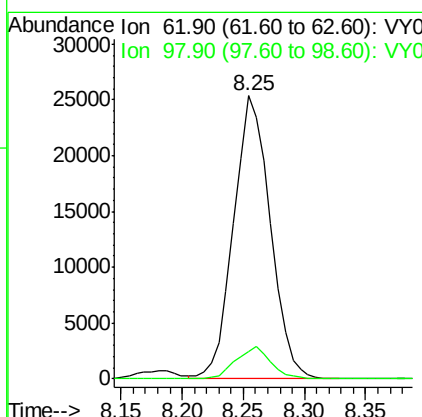
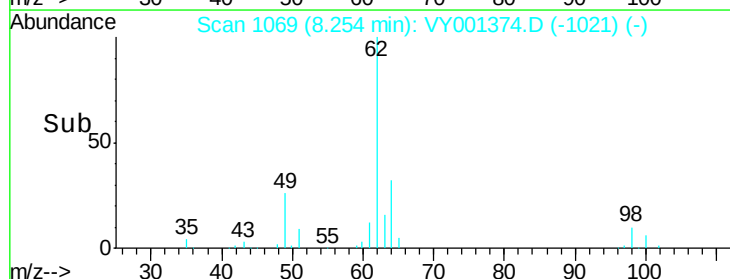
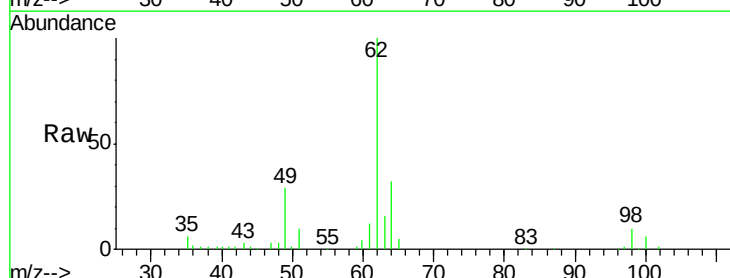
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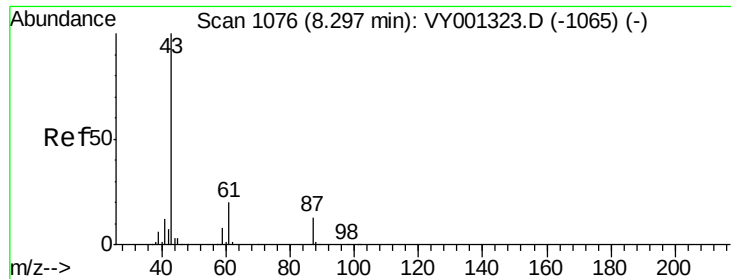
MMDadoda
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#42
1,2-Dichloroethane
Concen: 20.730 ug/l
RT: 8.25 min Scan# 1069
Delta R.T. -0.01 min
Lab File: VY001374.D
Acq: 24 Jan 2020 12:15

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.9	0.0	20.8





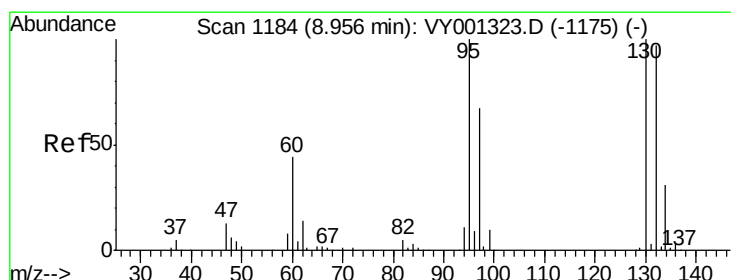
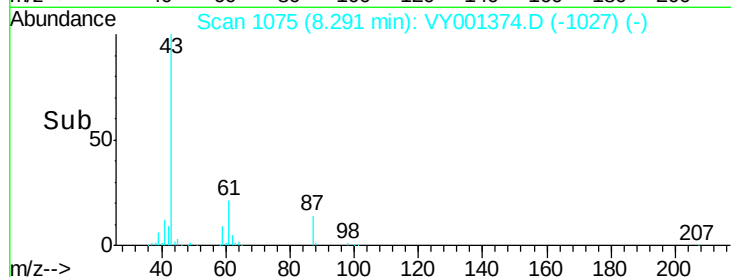
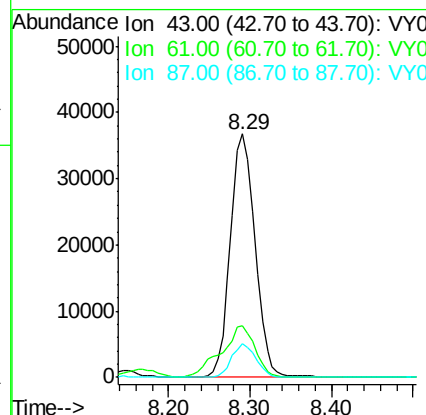
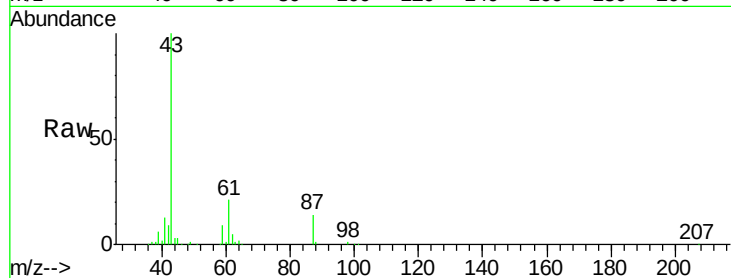
#43
Isopropyl Acetate
Concen: 21.207 ug/l
RT: 8.29 min Scan# 1075
Delta R.T. -0.01 min
Lab File: VY001374.D
Acq: 24 Jan 2020 12:15

Instrument :
MSVOA_Y
ClientSampleId :
VY0124SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	28.6	22.7	34.1
87	13.4	11.0	16.4

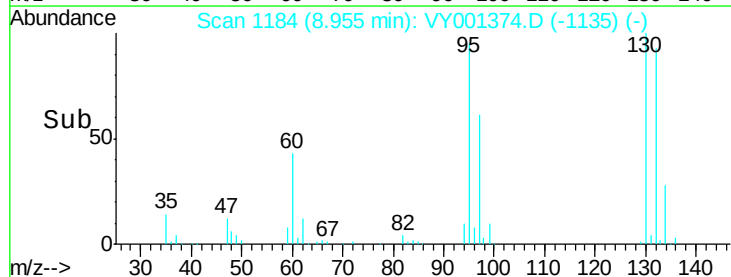
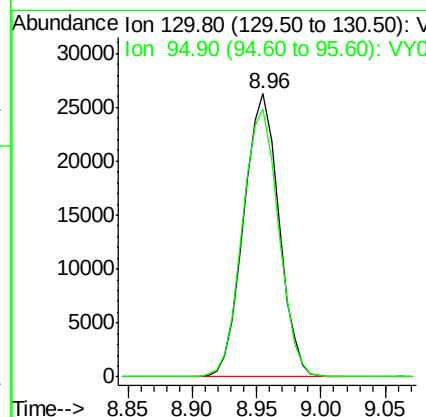
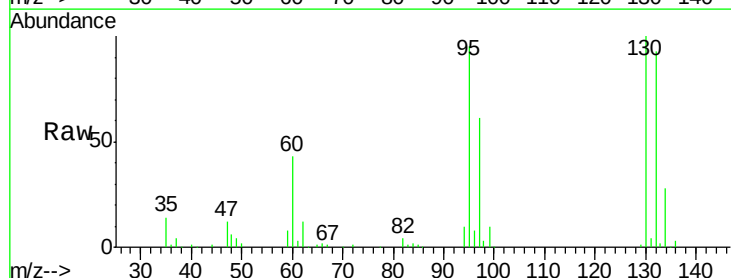
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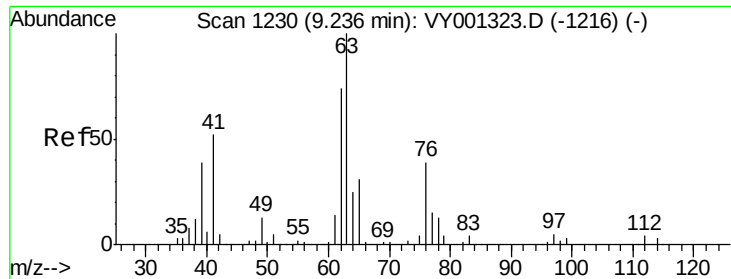
MMDadoda
1/27/2020 12:01:47 PM



#44
Trichloroethene
Concen: 21.171 ug/l
RT: 8.96 min Scan# 1184
Delta R.T. -0.00 min
Lab File: VY001374.D
Acq: 24 Jan 2020 12:15

Tgt Ion	Ratio	Lower	Upper
130	100		
95	94.6	0.0	200.0





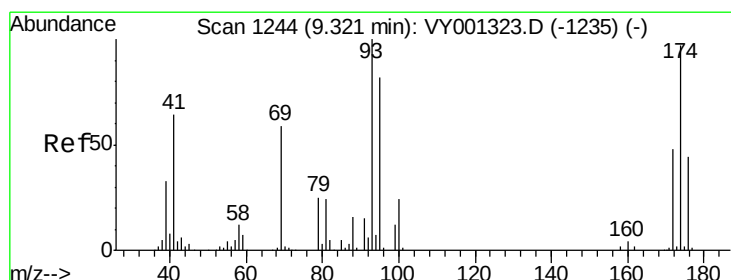
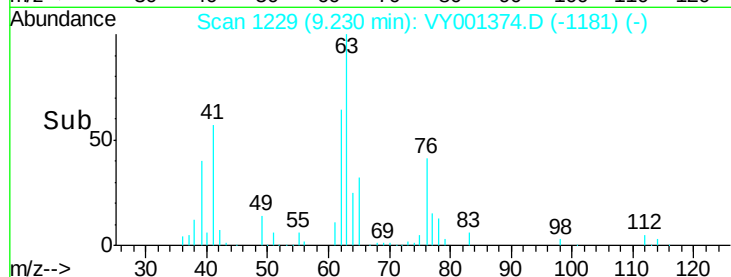
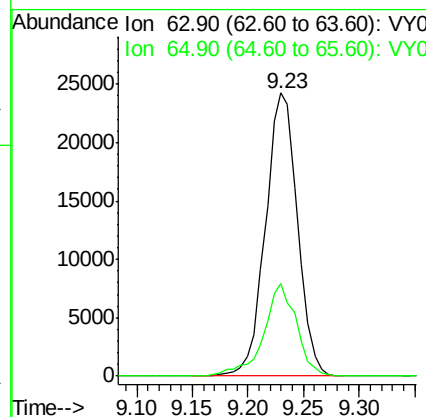
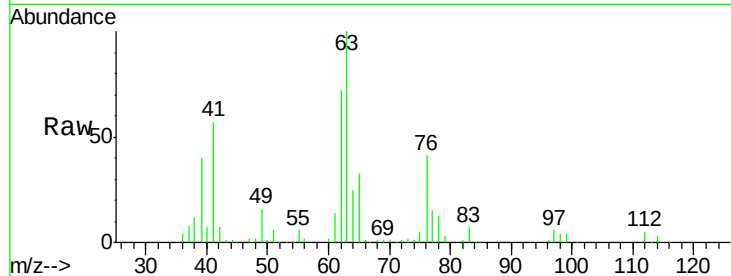
#45
 1,2-Dichloropropane
 Concen: 20.969 ug/l
 RT: 9.23 min Scan# 1229
 Delta R.T. -0.01 min
 Lab File: VY001374.D
 Acq: 24 Jan 2020 12:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0124SBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.9	24.9	37.3

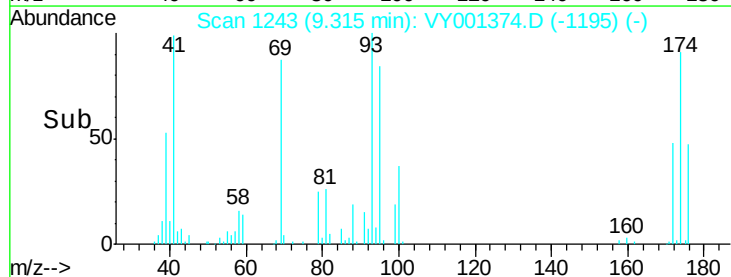
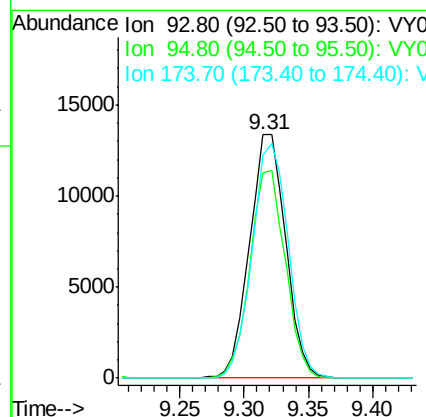
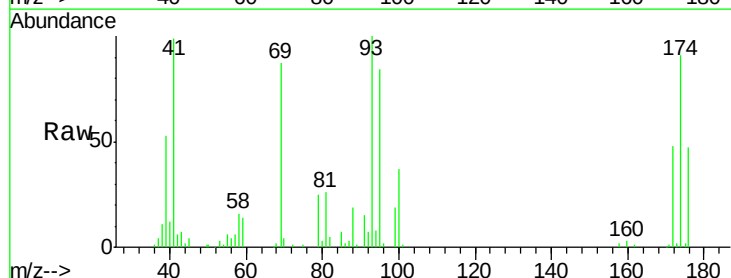
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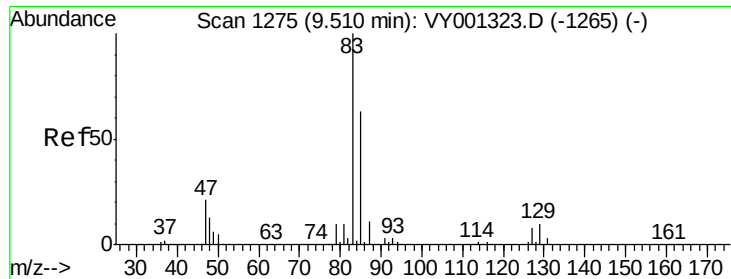
MMDadoda
 1/27/2020 12:01:47 PM



#46
 Dibromomethane
 Concen: 20.867 ug/l
 RT: 9.31 min Scan# 1243
 Delta R.T. -0.01 min
 Lab File: VY001374.D
 Acq: 24 Jan 2020 12:15

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.4	66.5	99.7
174	96.1	77.9	116.9





#47

Bromodichloromethane

Concen: 20.766 ug/l

RT: 9.51 min Scan# 1275

Delta R.T. -0.00 min

Lab File: VY001374.D

Acq: 24 Jan 2020 12:15

Instrument :

MSVOA_Y

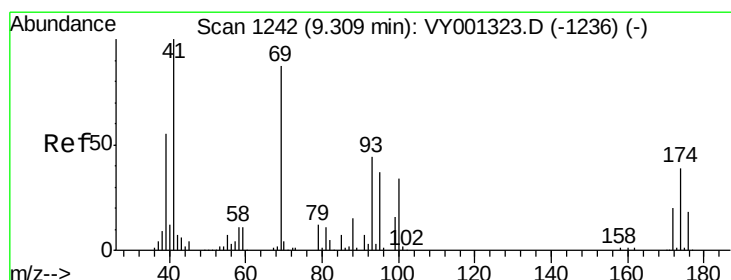
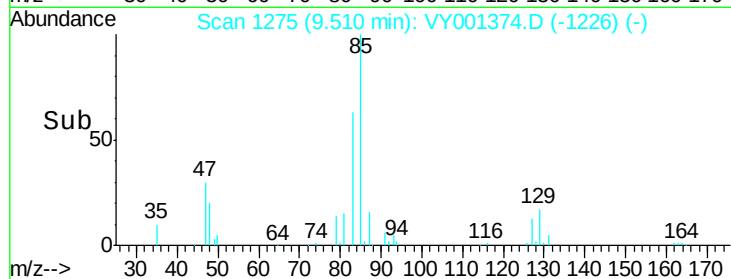
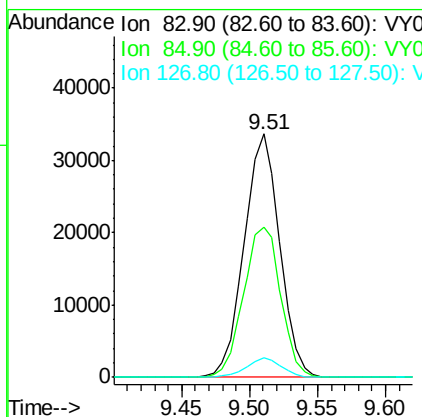
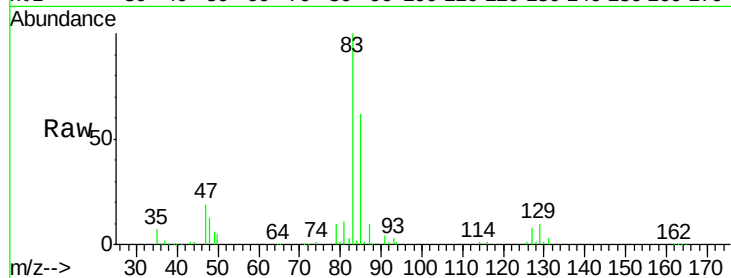
ClientSampleId :

VY0124SBS01

Tot Ion:	83	Resp:	61648
Ion	Ratio	Lower	Upper
83	100		
85	61.8	50.2	75.2
127	7.8	6.4	9.6

Manual Integrations
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#48

Methyl methacrylate

Concen: 20.969 ug/l

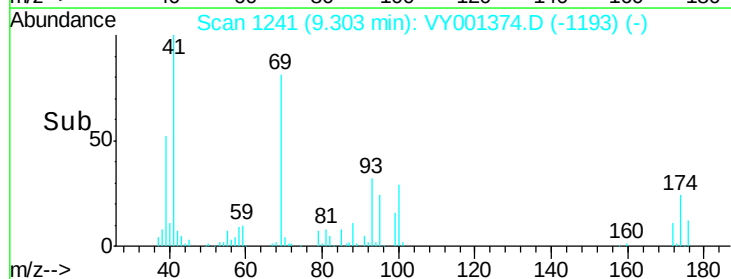
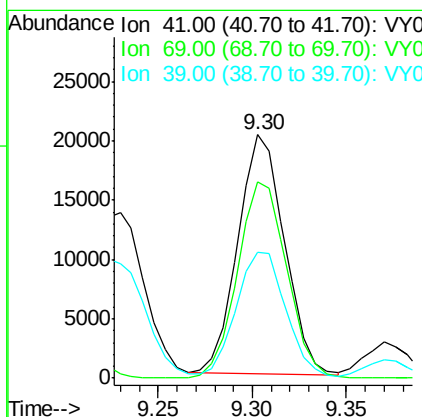
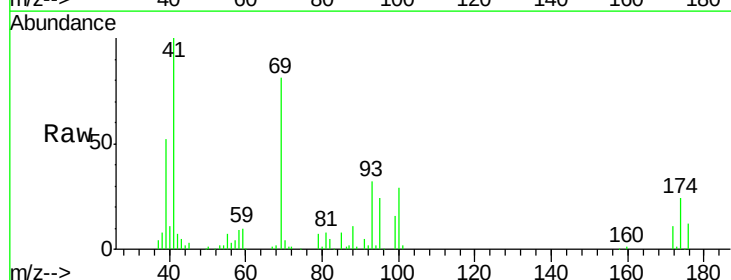
RT: 9.30 min Scan# 1241

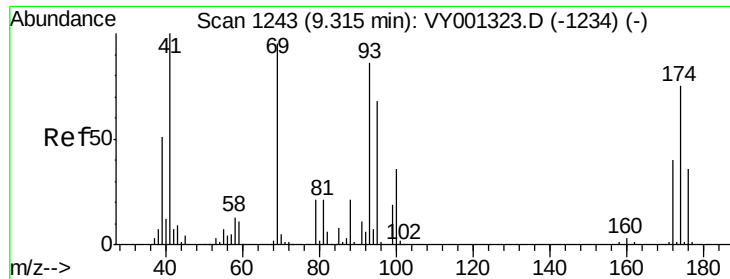
Delta R.T. -0.01 min

Lab File: VY001374.D

Acq: 24 Jan 2020 12:15

Tgt Ion:	41	Resp:	34561
Ion	Ratio	Lower	Upper
41	100		
69	86.7	70.2	105.4
39	54.7	45.7	68.5





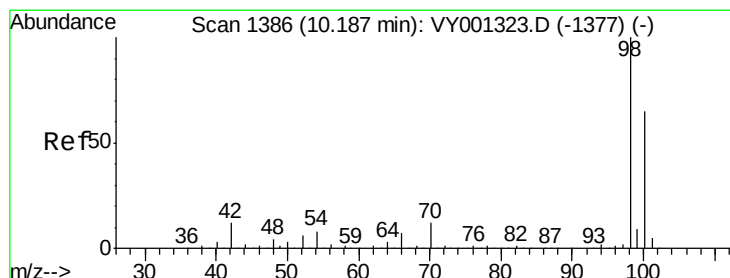
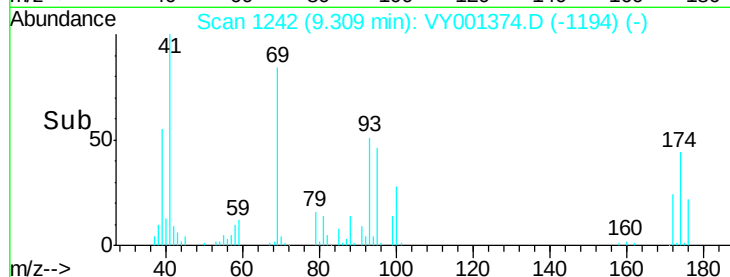
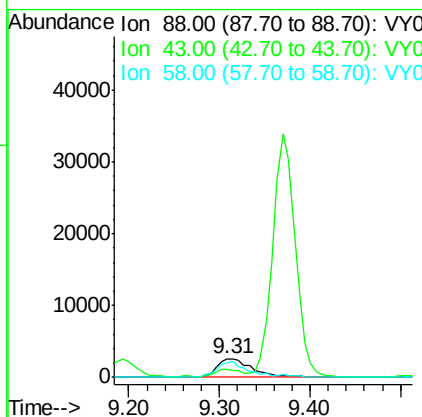
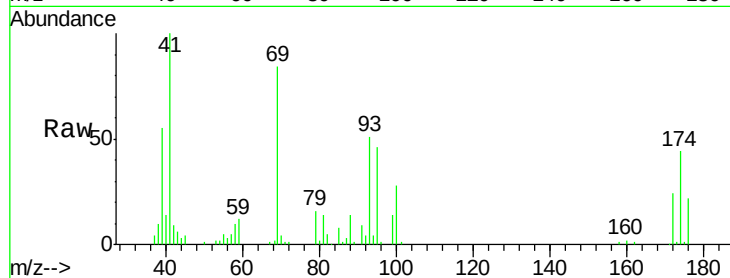
#49
1,4-Dioxane
Concen: 416.211 ug/l
RT: 9.31 min Scan# 1242
Delta R.T. -0.01 min
Lab File: VY001374.D
Acq: 24 Jan 2020 12:15

Instrument :
MSVOA_Y
ClientSampleId :
VY0124SBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	27.8	28.2	42.2#
58	77.5	55.6	83.4

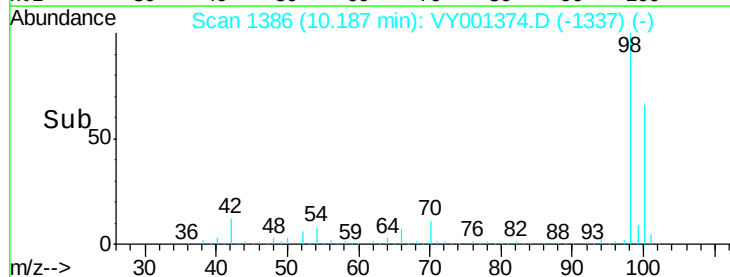
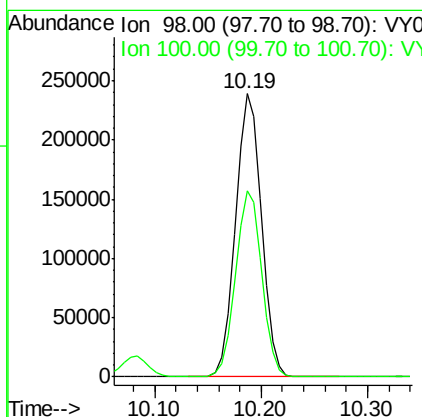
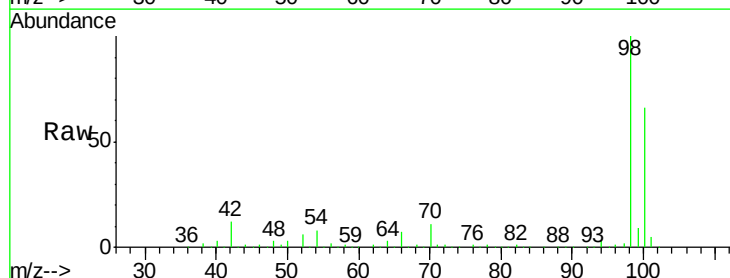
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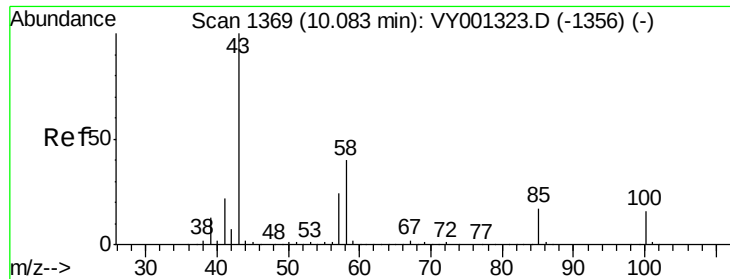
MMDadoda
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#50
Toluene-d8
Concen: 55.486 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. -0.00 min
Lab File: VY001374.D
Acq: 24 Jan 2020 12:15

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.3	52.6	79.0





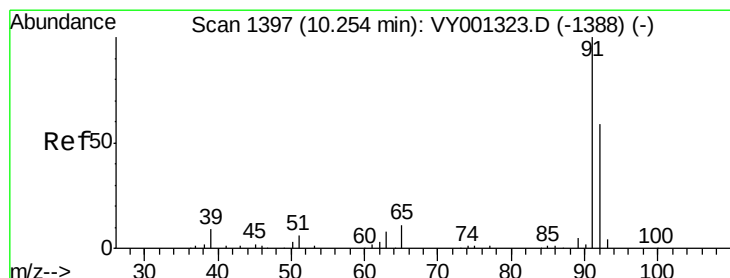
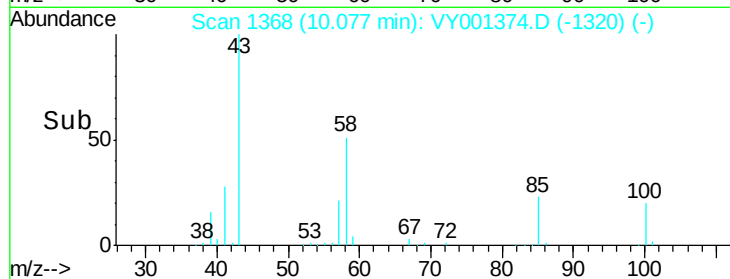
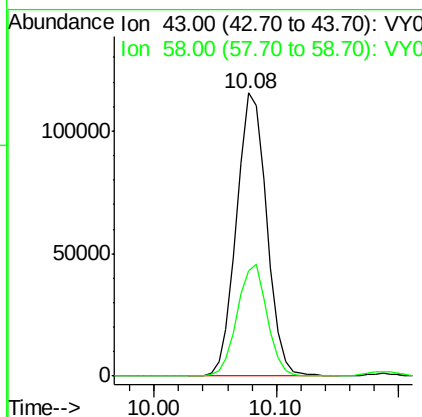
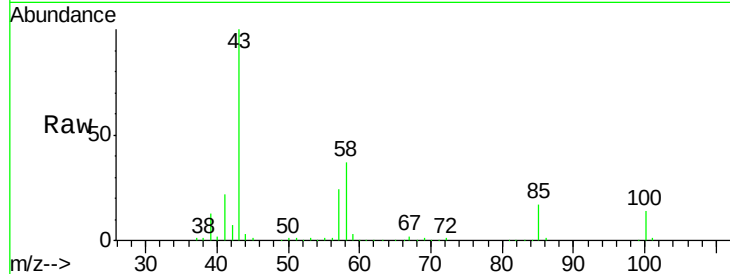
#51
4-Methyl-2-Pentanone
Concen: 106.041 ug/l
RT: 10.08 min Scan# 1368
Delta R.T. -0.01 min
Lab File: VY001374.D
Acq: 24 Jan 2020 12:15

Instrument :
MSVOA_Y
ClientSampleId :
VY0124SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	39.1	31.5	47.3

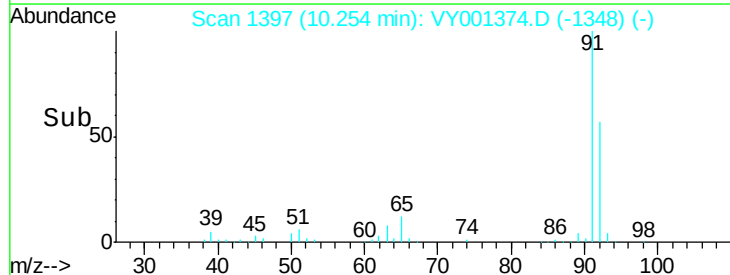
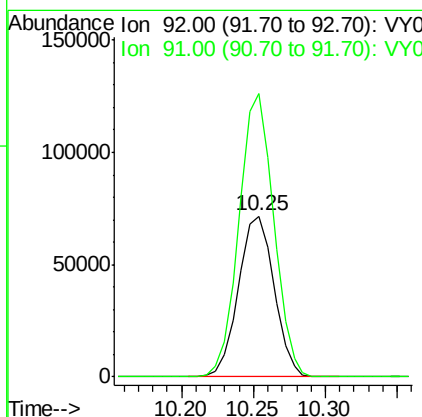
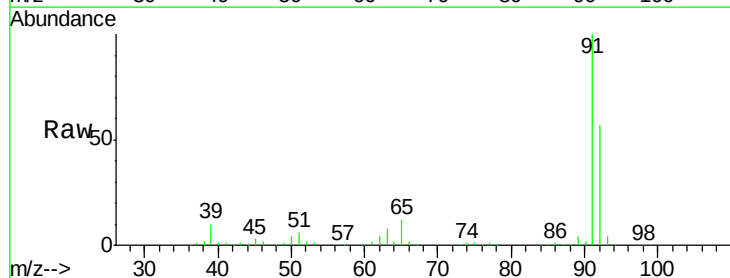
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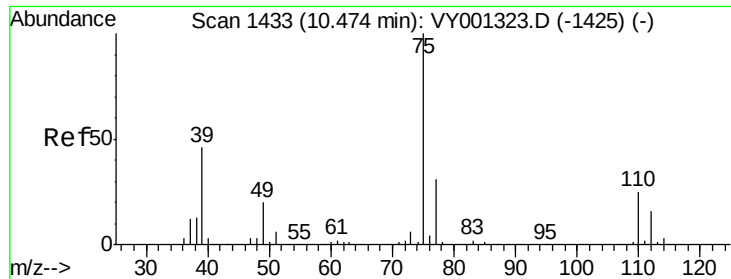
MMDadoda
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#52
Toluene
Concen: 21.176 ug/l
RT: 10.25 min Scan# 1397
Delta R.T. -0.00 min
Lab File: VY001374.D
Acq: 24 Jan 2020 12:15

Tgt Ion	Ratio	Lower	Upper
92	100		
91	172.0	136.4	204.6





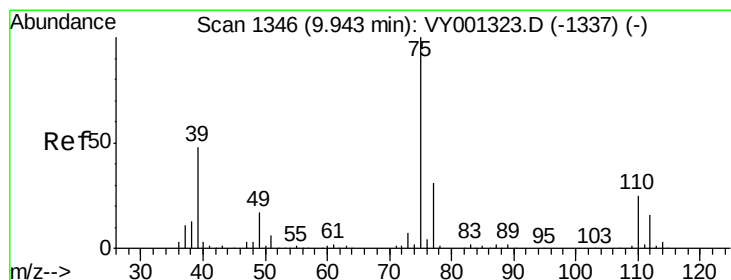
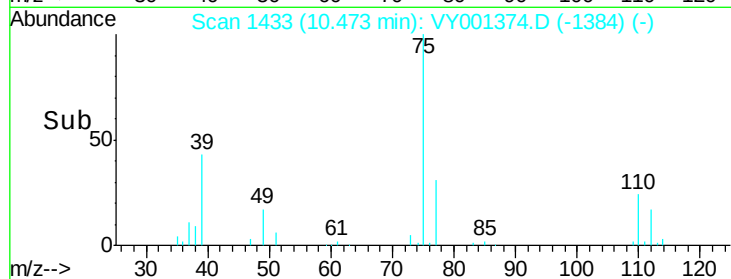
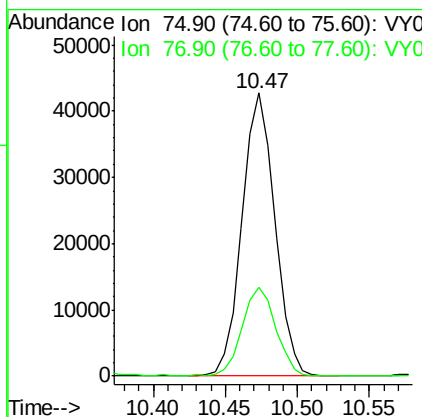
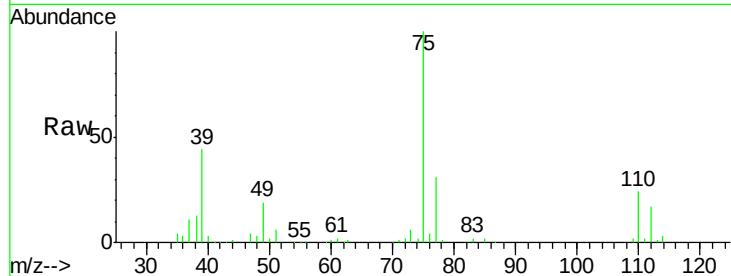
#53
 t-1,3-Dichloropropene
 Concen: 20.493 ug/l
 RT: 10.47 min Scan# 1433
 Delta R.T. -0.00 min
 Lab File: VY001374.D
 Acq: 24 Jan 2020 12:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0124SBS01

Tot Ion: 75 Resp: 67431
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.2 37.8

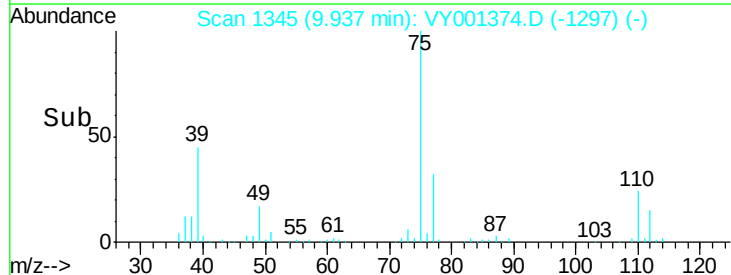
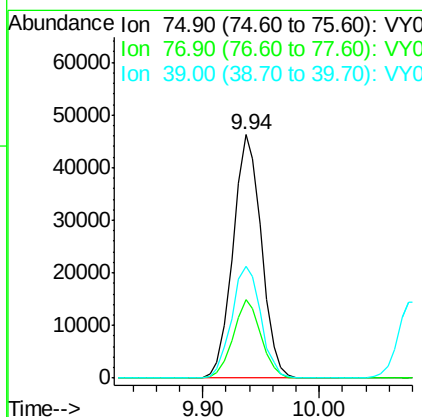
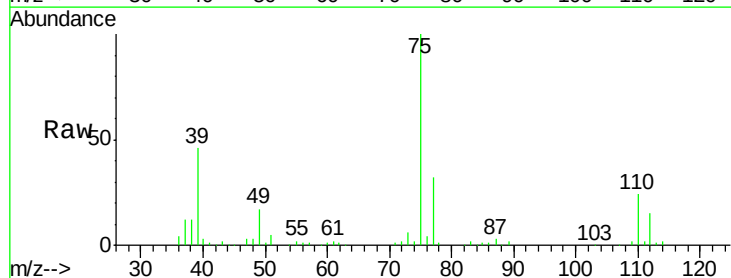
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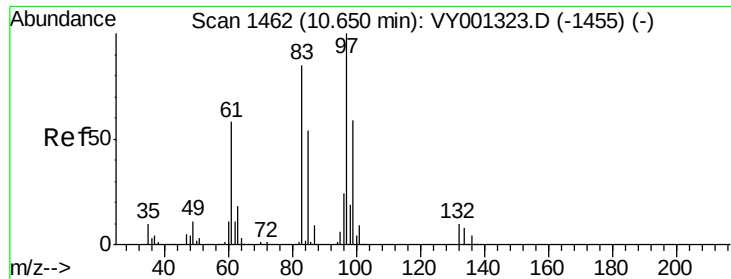
MMDadoda
 1/27/2020 12:01:47 PM



#54
 cis-1,3-Dichloropropene
 Concen: 20.793 ug/l
 RT: 9.94 min Scan# 1345
 Delta R.T. -0.01 min
 Lab File: VY001374.D
 Acq: 24 Jan 2020 12:15

Tgt Ion: 75 Resp: 78533
 Ion Ratio Lower Upper
 75 100
 77 32.3 25.0 37.6
 39 45.7 38.2 57.4





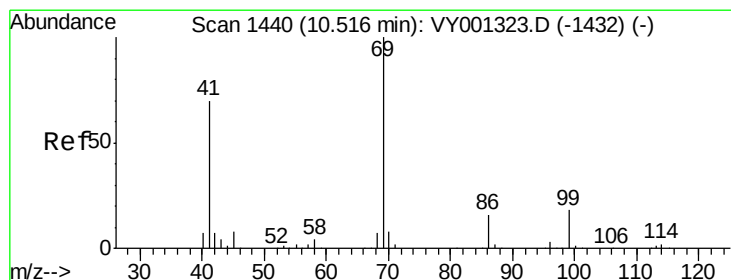
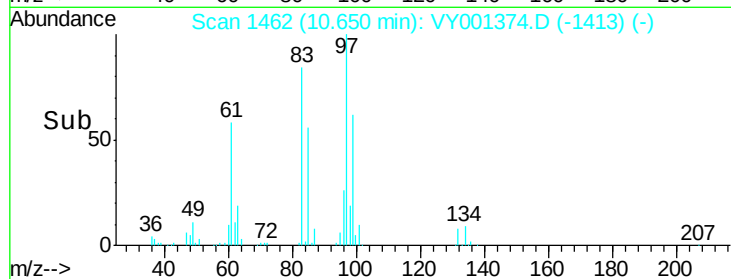
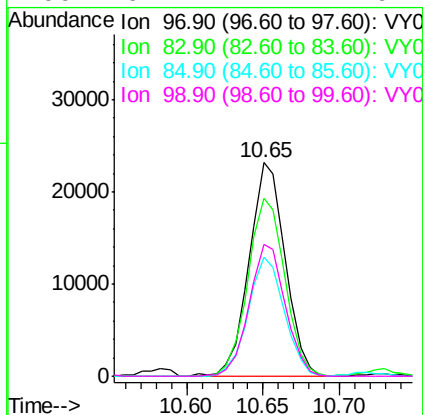
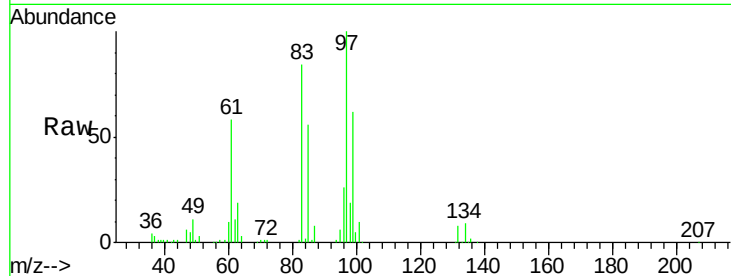
#55
 1,1,2-Trichloroethane
 Concen: 20.773 ug/l
 RT: 10.65 min Scan# 1462
 Delta R.T. -0.00 min
 Lab File: VY001374.D
 Acq: 24 Jan 2020 12:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0124SBS01

Tot Ion:	97	Resp:	38076
Ion	Ratio	Lower	Upper
97	100		
83	83.6	68.0	102.0
85	55.6	43.6	65.4
99	61.7	47.1	70.7

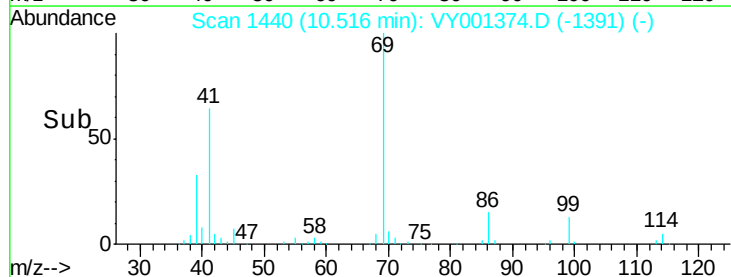
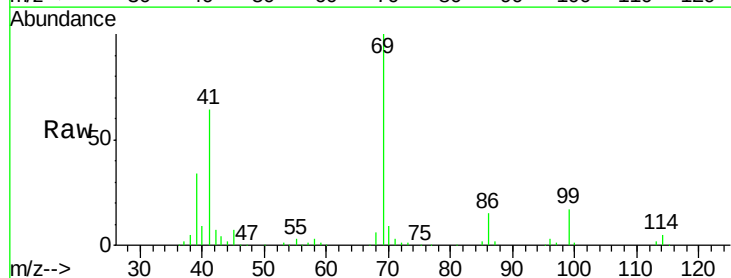
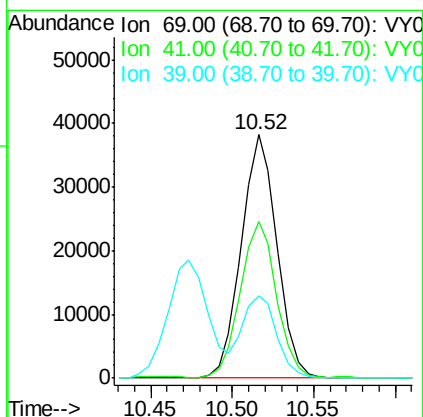
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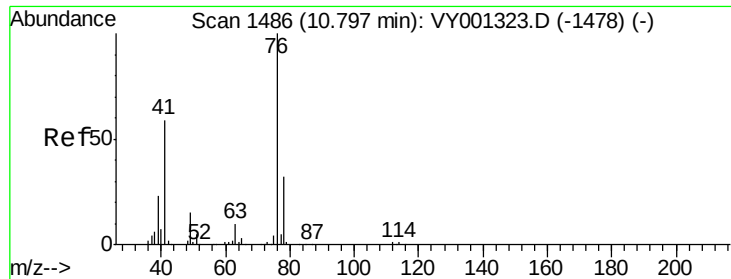
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#56
 Ethyl methacrylate
 Concen: 20.974 ug/l
 RT: 10.52 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: VY001374.D
 Acq: 24 Jan 2020 12:15

Tgt Ion:	69	Resp:	58107
Ion	Ratio	Lower	Upper
69	100		
41	64.5	54.1	81.1
39	32.7	26.8	40.2





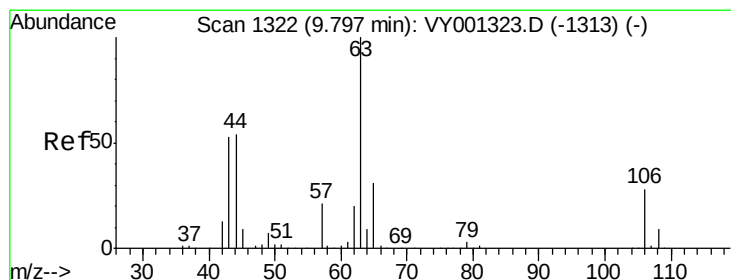
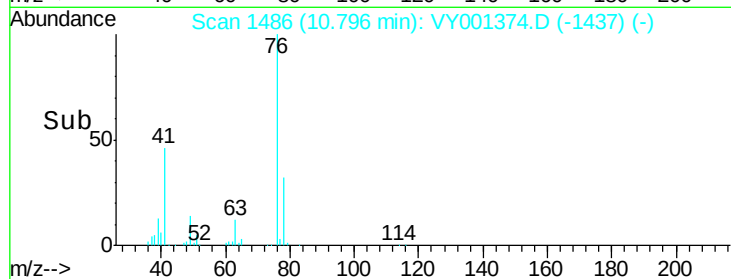
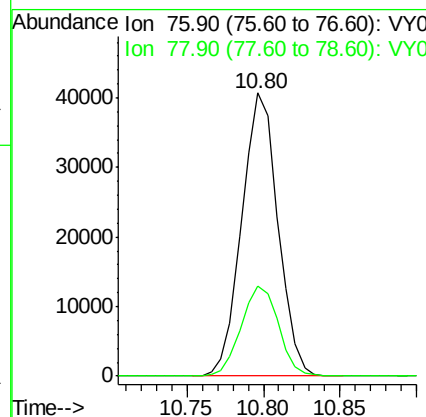
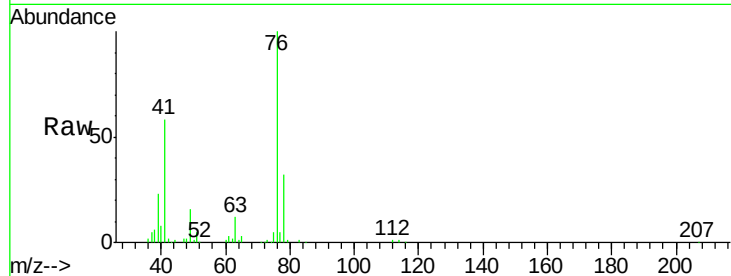
#57
 1,3-Dichloropropane
 Concen: 20.926 ug/l
 RT: 10.80 min Scan# 1486
 Delta R.T. -0.00 min
 Lab File: VY001374.D
 Acq: 24 Jan 2020 12:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0124SBS01

Tot Ion: 76 Resp: 66817
 Ion Ratio Lower Upper
 76 100
 78 32.8 25.8 38.8

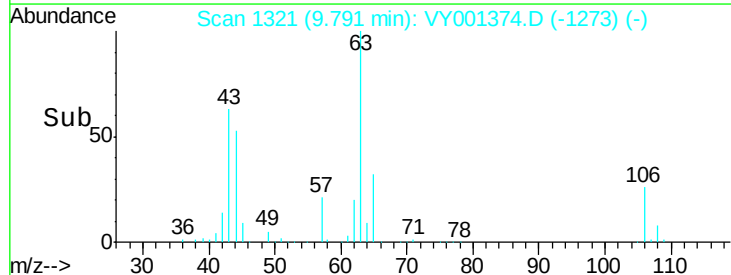
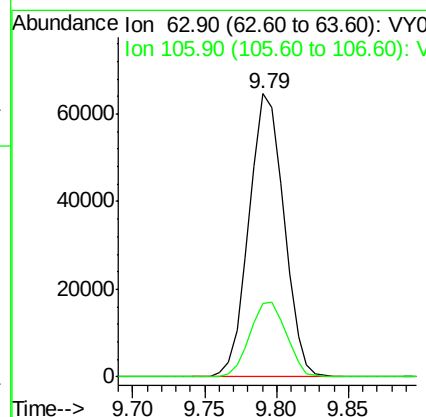
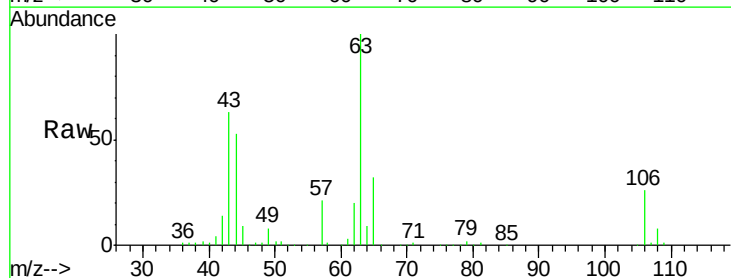
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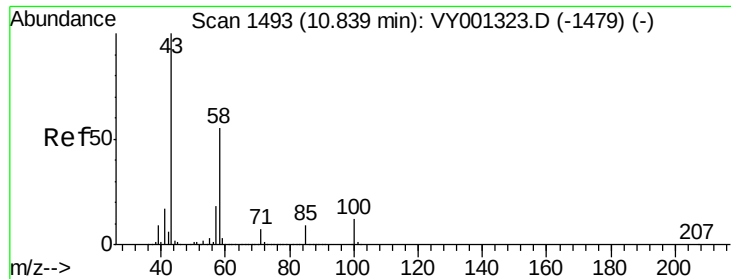
MMDadoda
 1/27/2020 12:01:47 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 113.211 ug/l
 RT: 9.79 min Scan# 1321
 Delta R.T. -0.01 min
 Lab File: VY001374.D
 Acq: 24 Jan 2020 12:15

Tgt Ion: 63 Resp: 108530
 Ion Ratio Lower Upper
 63 100
 106 27.6 22.5 33.7





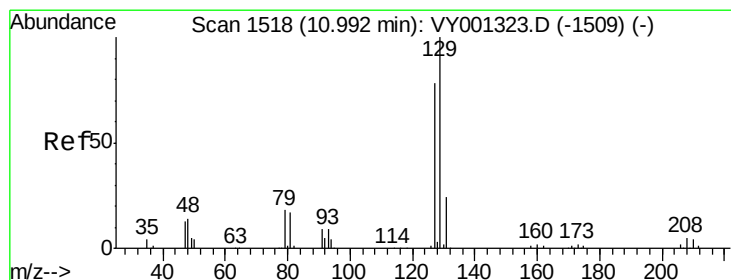
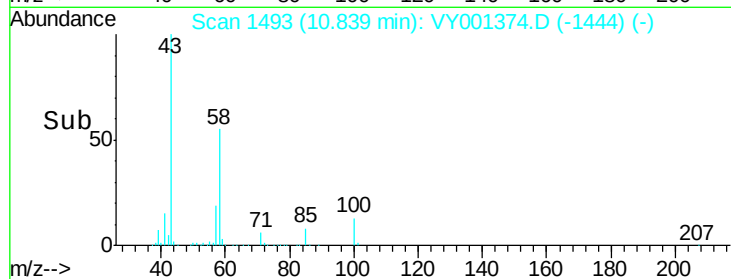
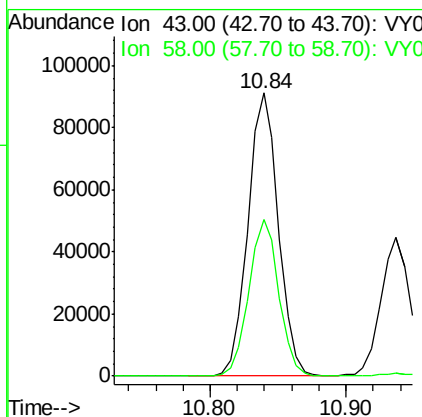
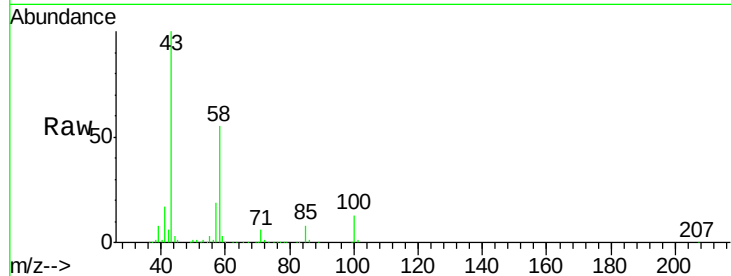
#59
2-Hexanone
Concen: 109.765 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. -0.00 min
Lab File: VY001374.D
Acq: 24 Jan 2020 12:15

Instrument :
MSVOA_Y
ClientSampleId :
VY0124SBS01

Tot Ion: 43 Resp: 142679
Ion Ratio Lower Upper
43 100
58 54.6 27.6 82.8

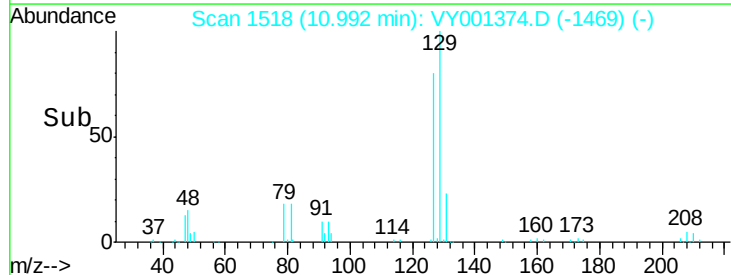
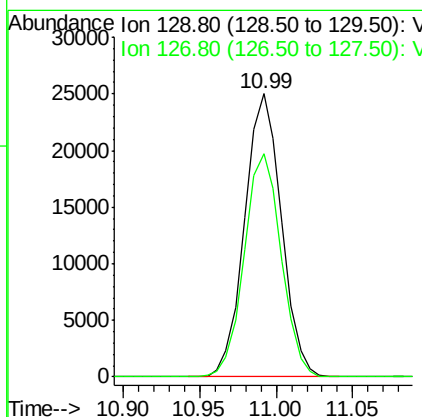
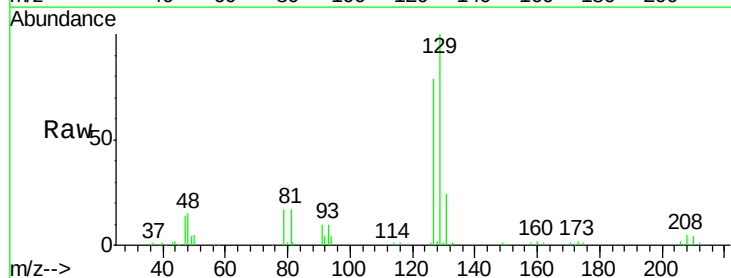
Manual Integrations
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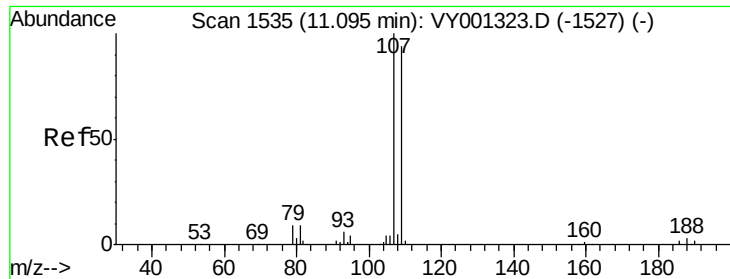
MMDadoda
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#60
Dibromochloromethane
Concen: 20.331 ug/l
RT: 10.99 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VY001374.D
Acq: 24 Jan 2020 12:15

Tgt Ion: 129 Resp: 41681
Ion Ratio Lower Upper
129 100
127 79.2 38.8 116.4





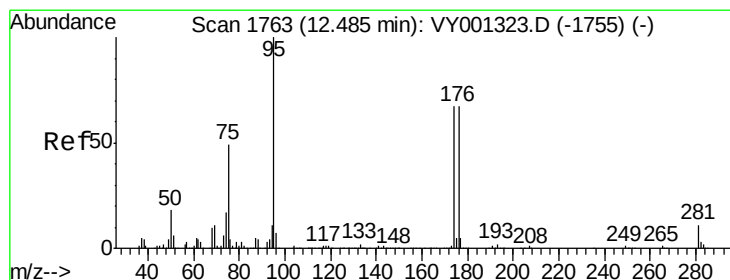
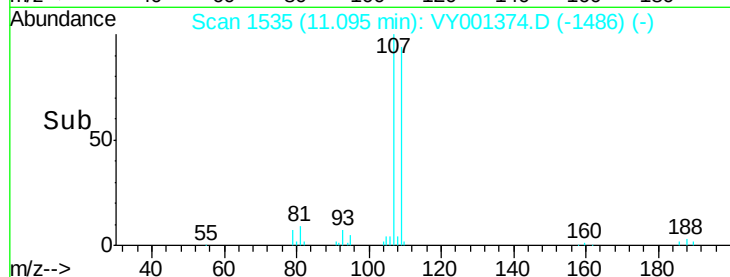
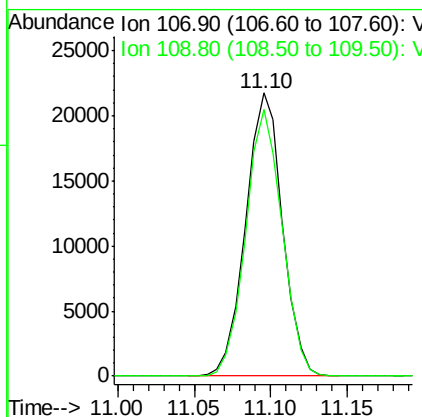
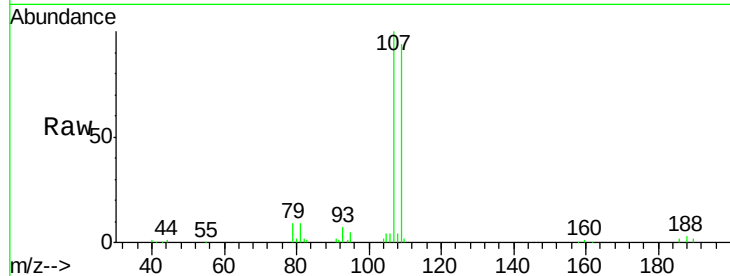
#61
1,2-Dibromoethane
Concen: 20.916 ug/l
RT: 11.10 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VY001374.D
Acq: 24 Jan 2020 12:15

Instrument :
MSVOA_Y
ClientSampleId :
VY0124SBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.4	75.0	112.6

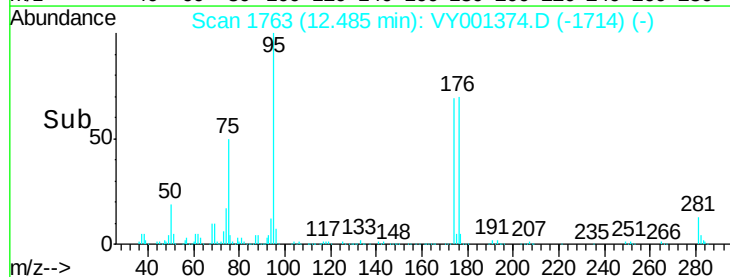
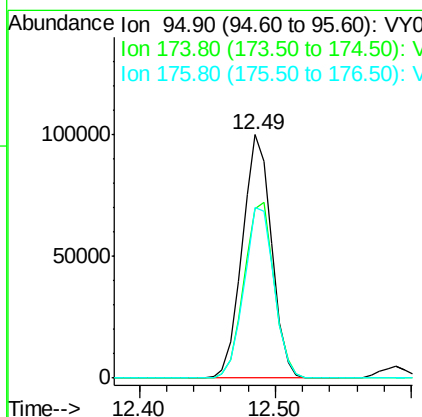
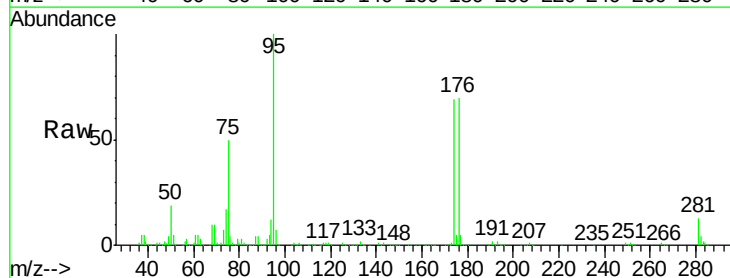
Manual Integrations
APPROVED

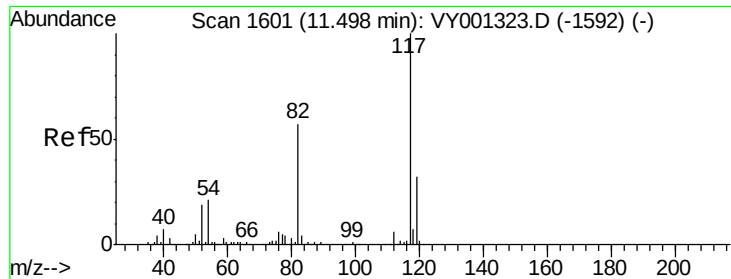
MMDadoda
1/27/2020 12:01:47 PM



#62
4-Bromofluorobenzene
Concen: 51.001 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. -0.00 min
Lab File: VY001374.D
Acq: 24 Jan 2020 12:15

Tgt Ion	Ratio	Lower	Upper
95	100		
174	74.2	0.0	142.0
176	72.0	0.0	138.6





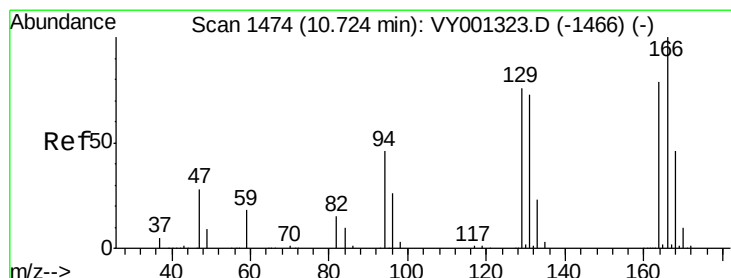
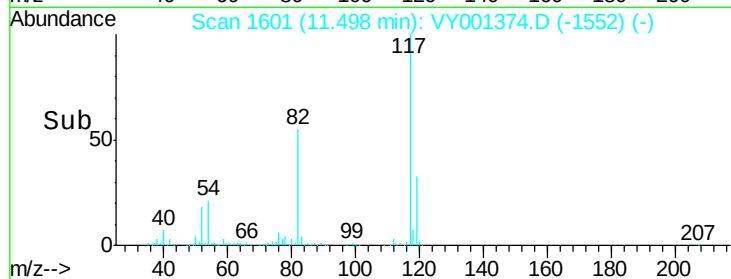
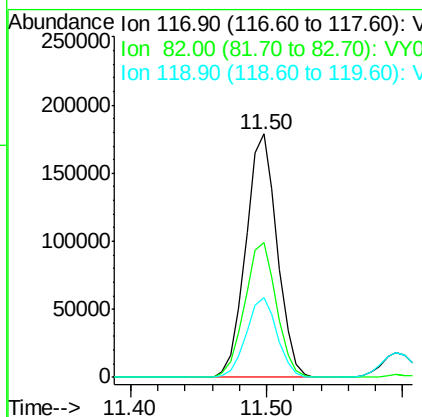
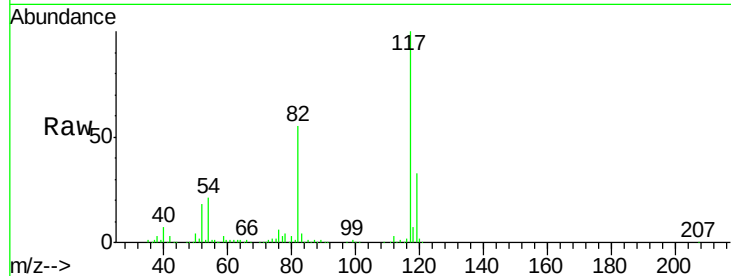
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VY001374.D
Acq: 24 Jan 2020 12:15

Instrument :
MSVOA_Y
ClientSampleId :
VY0124SBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	287660		
82	55.3		45.5	68.3
119	32.6		25.8	38.6

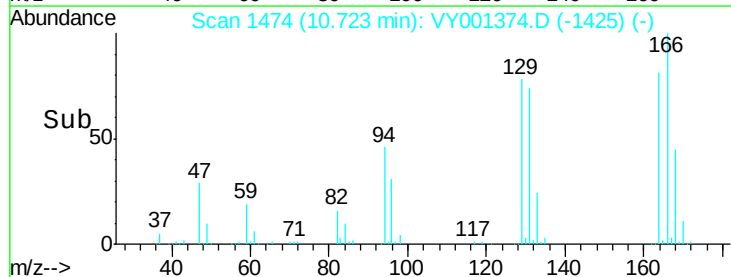
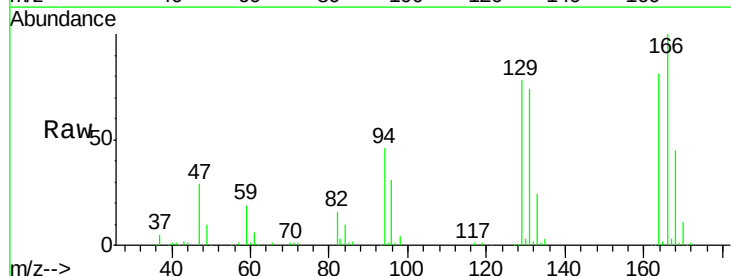
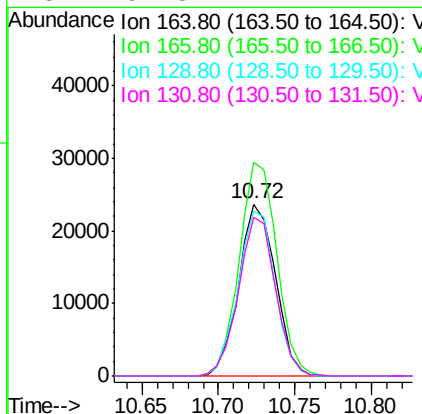
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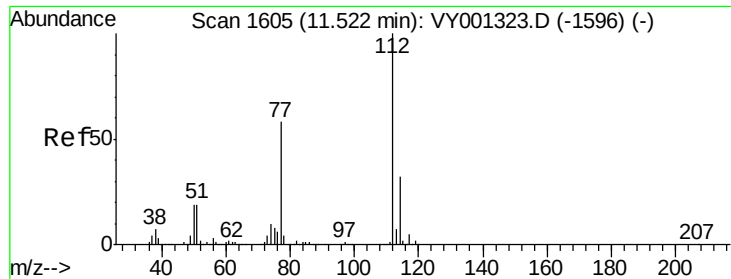
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#64
Tetrachloroethene
Concen: 21.507 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VY001374.D
Acq: 24 Jan 2020 12:15

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	39518		
166	124.2		101.8	152.8
129	96.3		77.1	115.7
131	92.3		74.2	111.2





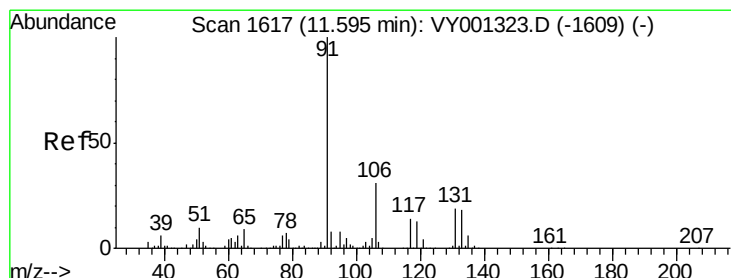
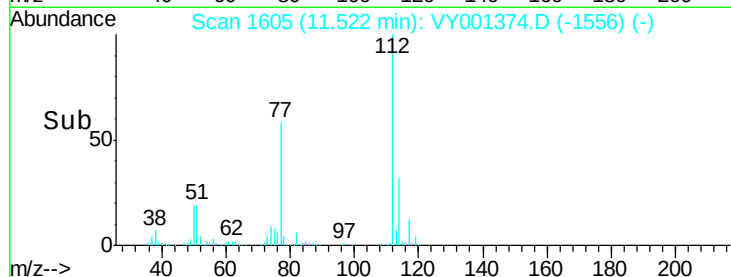
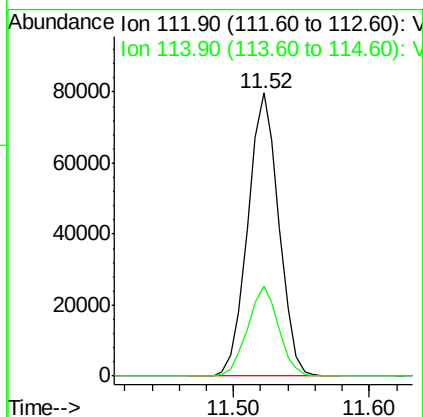
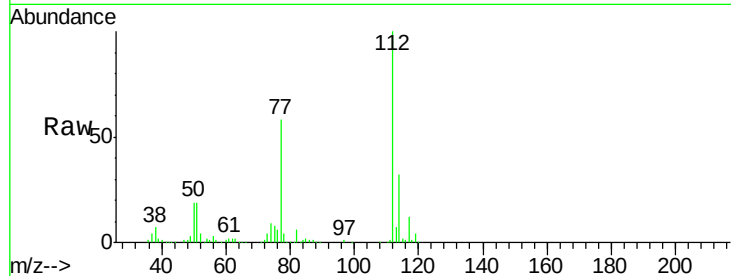
#65
Chlorobenzene
Concen: 20.986 ug/l
RT: 11.52 min Scan# 1605
Delta R.T. -0.00 min
Lab File: VY001374.D
Acq: 24 Jan 2020 12:15

Instrument :
MSVOA_Y
ClientSampleId :
VY0124SBS01

Tot Ion:112 Resp: 127246
Ion Ratio Lower Upper
112 100
114 31.7 25.8 38.6

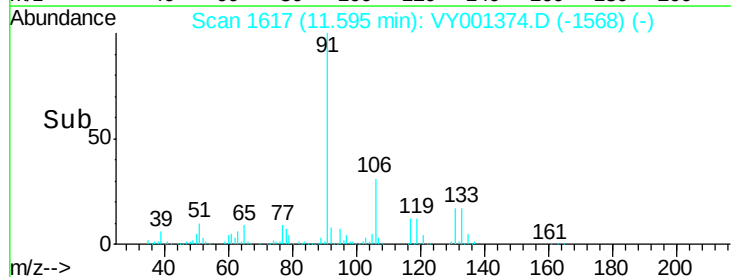
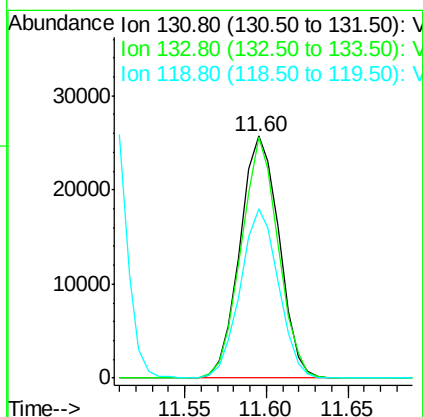
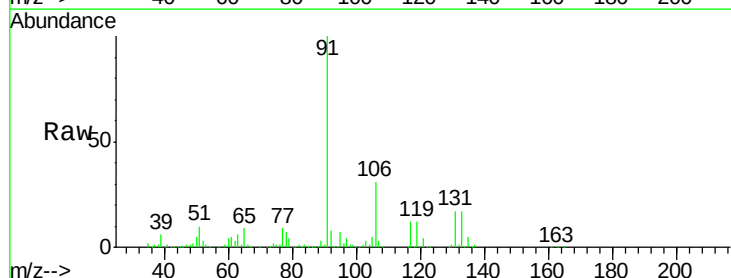
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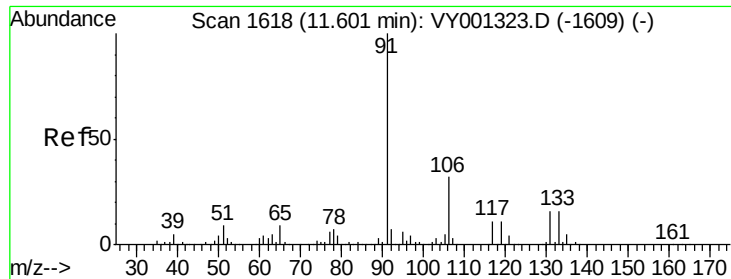
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.821 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. -0.00 min
Lab File: VY001374.D
Acq: 24 Jan 2020 12:15

Tgt Ion:131 Resp: 43084
Ion Ratio Lower Upper
131 100
133 94.5 47.1 141.3
119 68.2 34.1 102.2





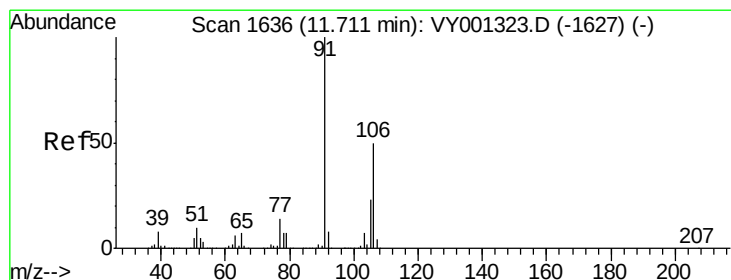
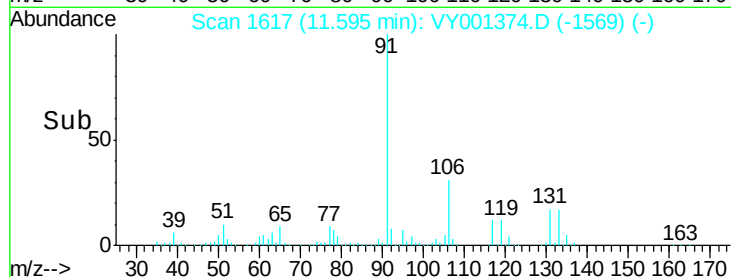
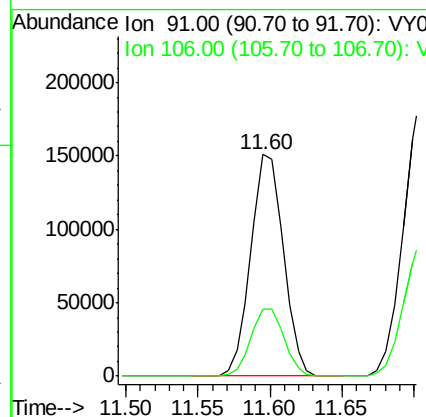
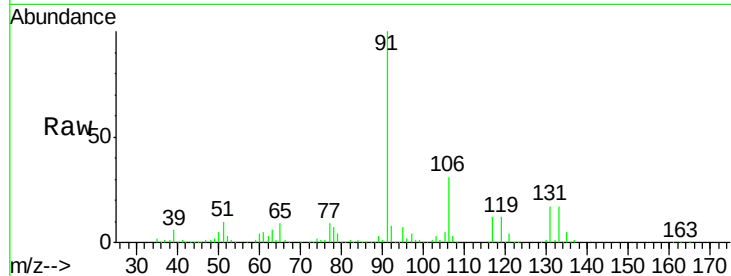
#67
Ethyl Benzene
Concen: 21.135 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. -0.01 min
Lab File: VY001374.D
Acq: 24 Jan 2020 12:15

Instrument :
MSVOA_Y
ClientSampleId :
VY0124SBS01

Tot Ion: 91 Resp: 236165
Ion Ratio Lower Upper
91 100
106 30.5 25.4 38.0

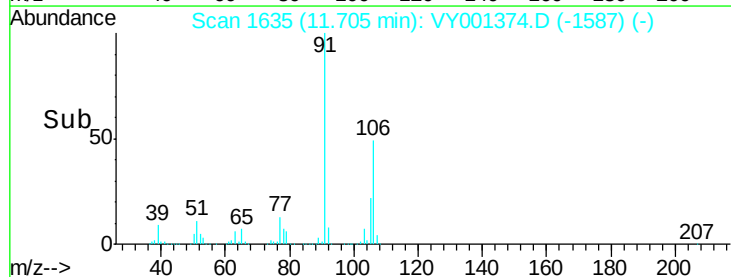
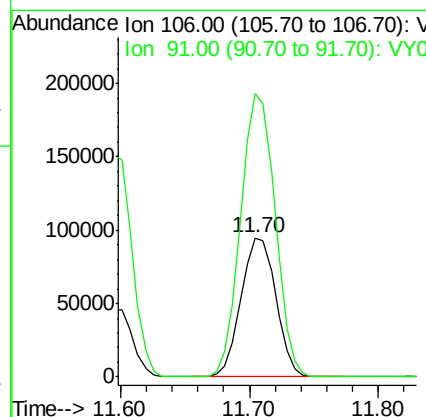
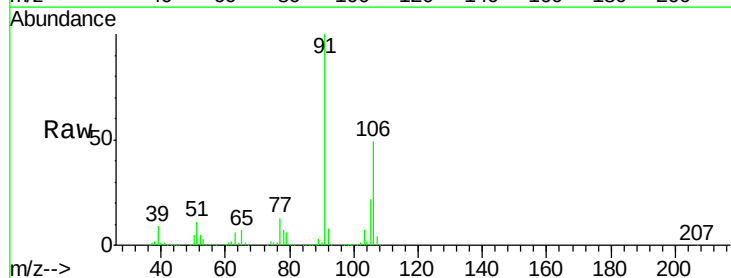
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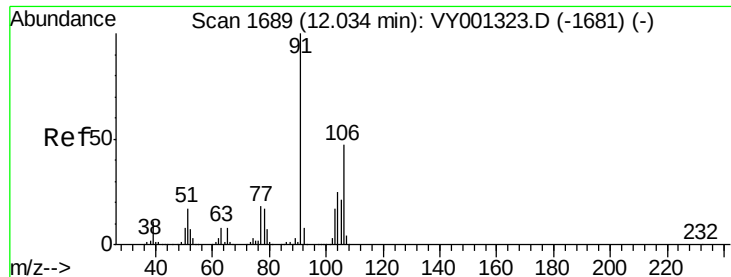
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#68
m/p-Xylenes
Concen: 42.450 ug/l
RT: 11.70 min Scan# 1635
Delta R.T. -0.01 min
Lab File: VY001374.D
Acq: 24 Jan 2020 12:15

Tgt Ion: 106 Resp: 177164
Ion Ratio Lower Upper
106 100
91 202.0 162.8 244.2





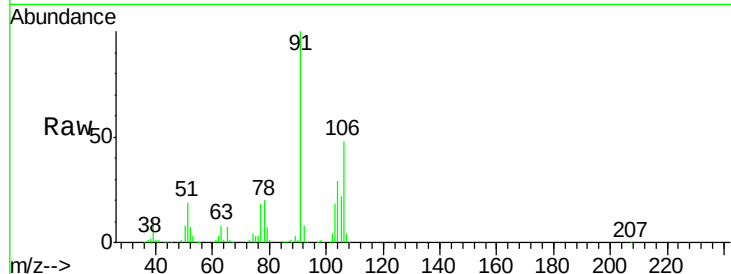
#69
o-Xylene
Concen: 21.038 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. -0.00 min
Lab File: VY001374.D
Acq: 24 Jan 2020 12:15

Instrument :
MSVOA_Y
ClientSampleId :
VY0124SBS01

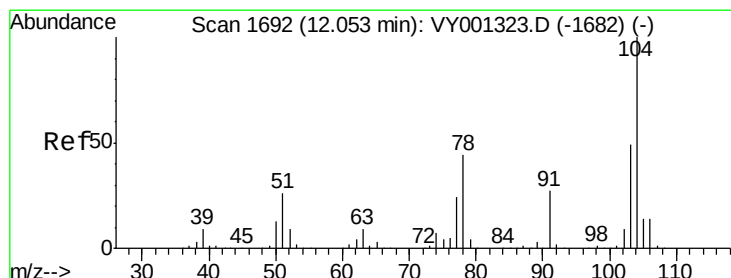
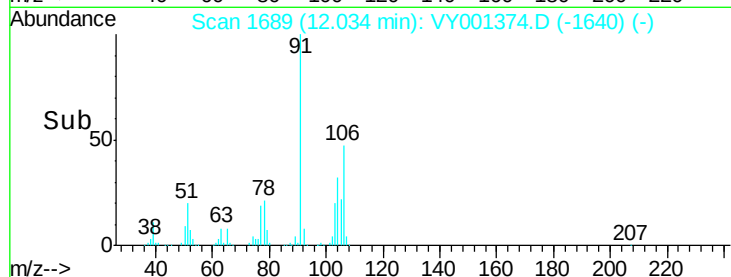
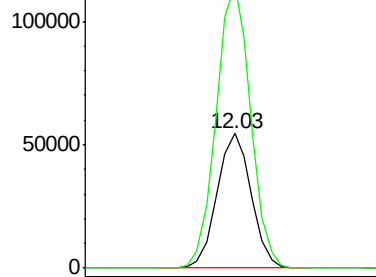
Tot Ion:106 Resp: 84466
Ion Ratio Lower Upper
106 100
91 210.5 106.3 319.0

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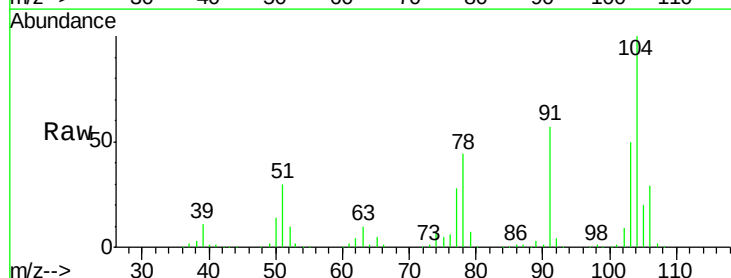


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0

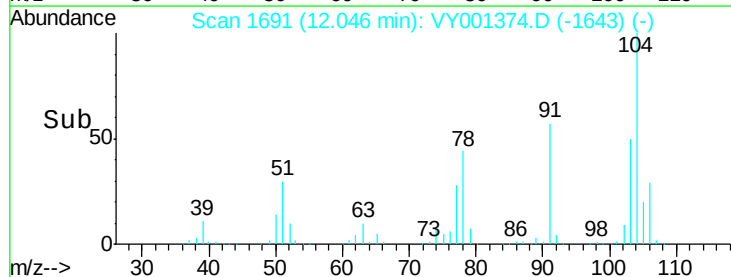
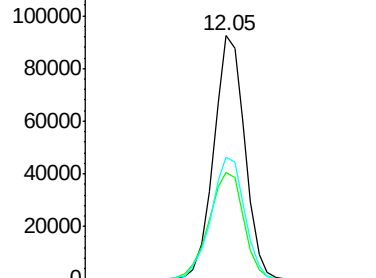


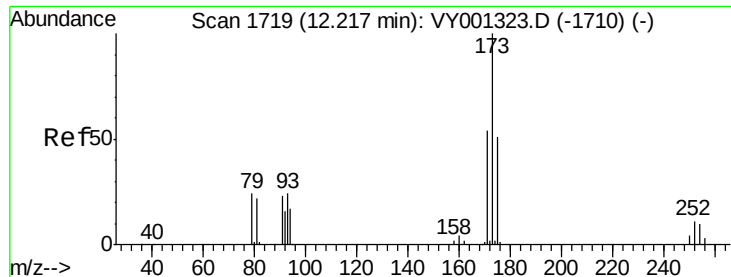
#70
Styrene
Concen: 20.834 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. -0.01 min
Lab File: VY001374.D
Acq: 24 Jan 2020 12:15

Tgt Ion:104 Resp: 146758
Ion Ratio Lower Upper
104 100
78 49.1 39.8 59.8
103 54.6 43.2 64.8



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: 20.003 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. -0.01 min

Lab File: VY001374.D

Acq: 24 Jan 2020 12:15

Instrument :

MSVOA_Y

ClientSampleId :

VY0124SBS01

Tot Ion:173 Resp: 24708

Ion Ratio Lower Upper

173 100

175 49.0 24.3 72.9

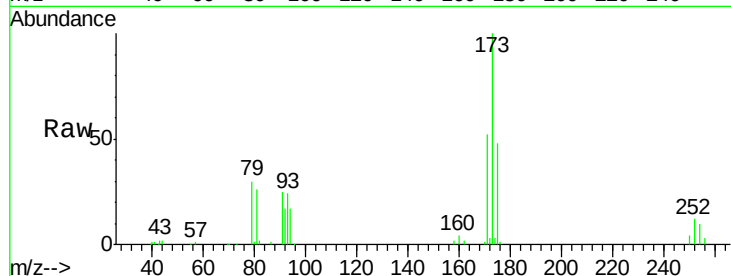
254 0.0 0.0 0.0

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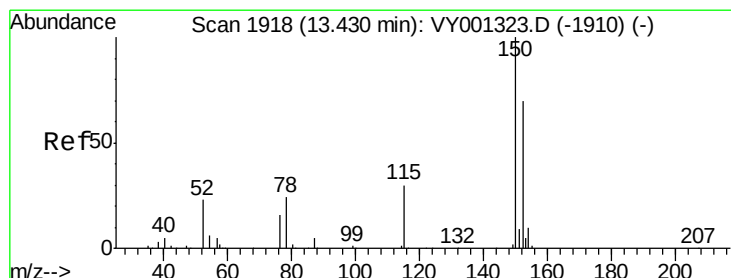
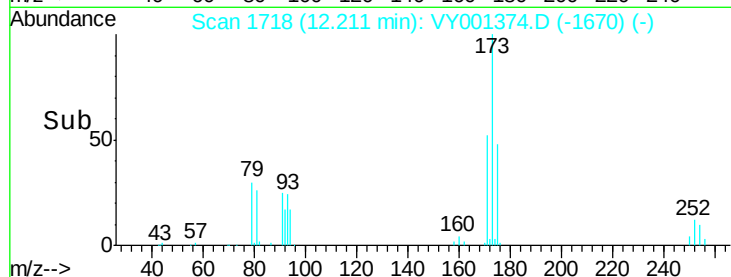
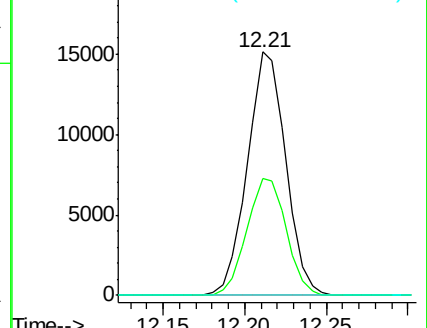
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Abundance Ion 172.70 (172.40 to 173.40): V

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. -0.00 min

Lab File: VY001374.D

Acq: 24 Jan 2020 12:15

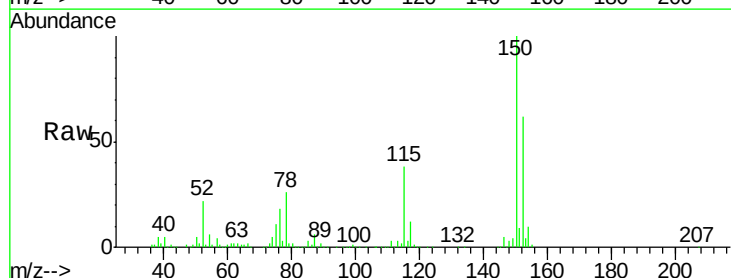
Tgt Ion:152 Resp: 137381

Ion Ratio Lower Upper

152 100

115 61.1 30.9 92.8

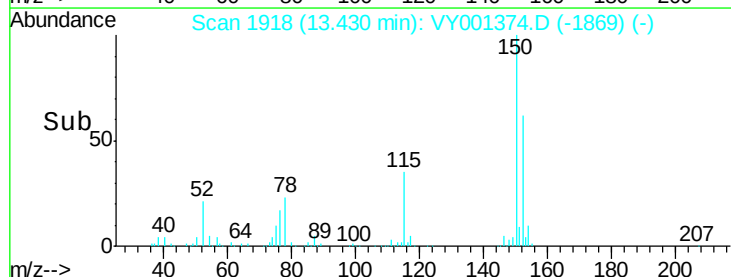
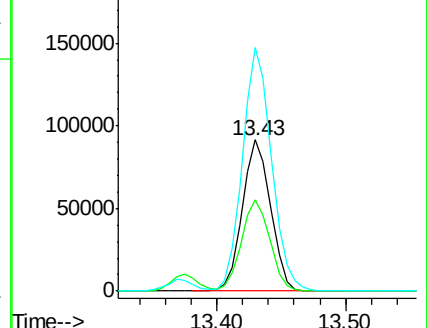
150 167.2 0.0 349.2

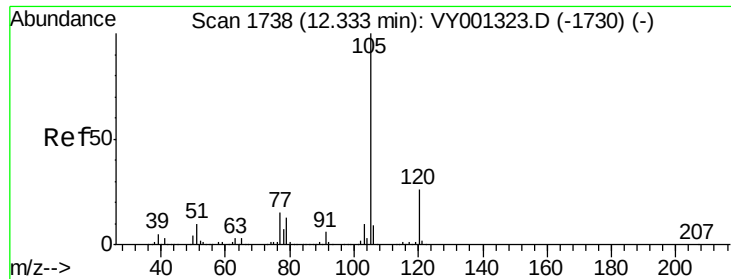


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





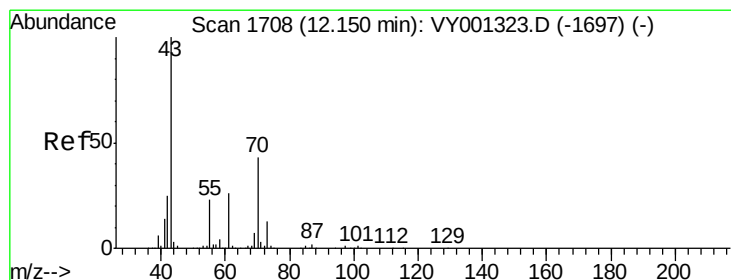
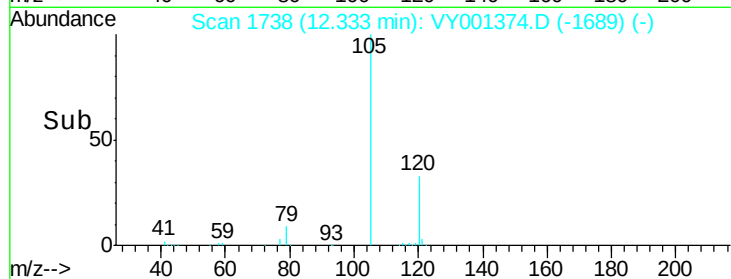
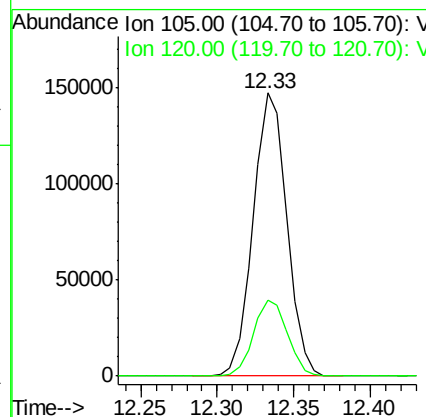
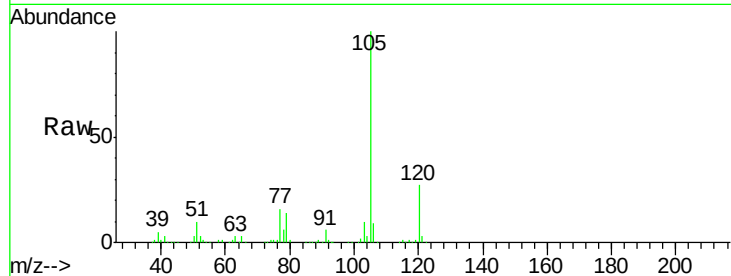
#73
Isopropylbenzene
Concen: 20.852 ug/l
RT: 12.33 min Scan# 1738
Delta R.T. -0.00 min
Lab File: VY001374.D
Acq: 24 Jan 2020 12:15

Instrument :
MSVOA_Y
ClientSampleId :
VY0124SBS01

Tot Ion:105 Resp: 226043
Ion Ratio Lower Upper
105 100
120 27.1 13.5 40.4

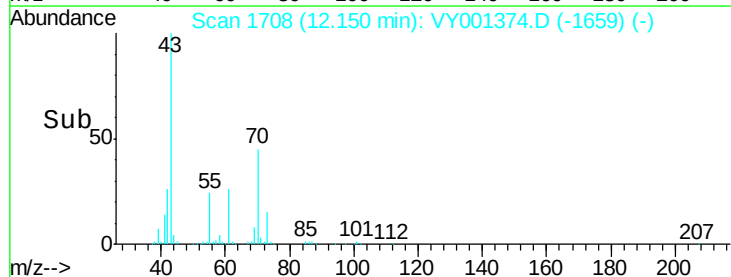
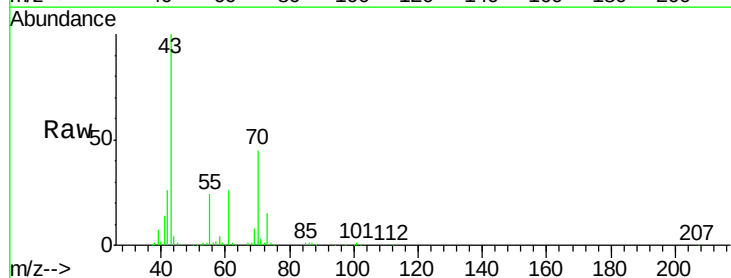
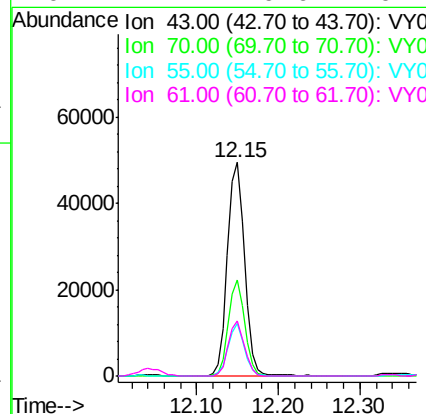
Manual Integrations
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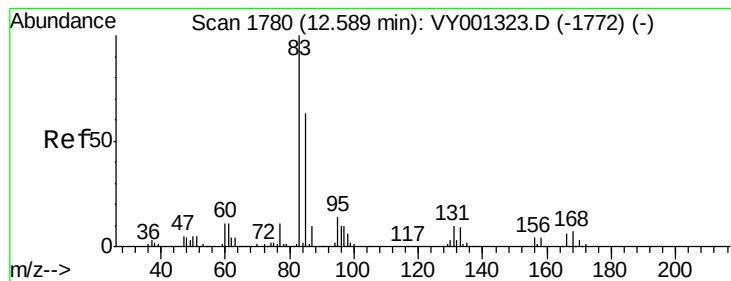
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#74
N-ethyl acetate
Concen: 20.502 ug/l
RT: 12.15 min Scan# 1708
Delta R.T. -0.00 min
Lab File: VY001374.D
Acq: 24 Jan 2020 12:15

Tgt Ion: 43 Resp: 72749
Ion Ratio Lower Upper
43 100
70 42.5 33.5 50.3
55 23.0 18.2 27.2
61 24.1 19.6 29.4





#75

1,1,2,2-Tetrachloroethane

Concen: 20.694 ug/l

RT: 12.59 min Scan# 1780

Delta R.T. -0.00 min

Lab File: VY001374.D

Acq: 24 Jan 2020 12:15

Instrument :

MSVOA_Y

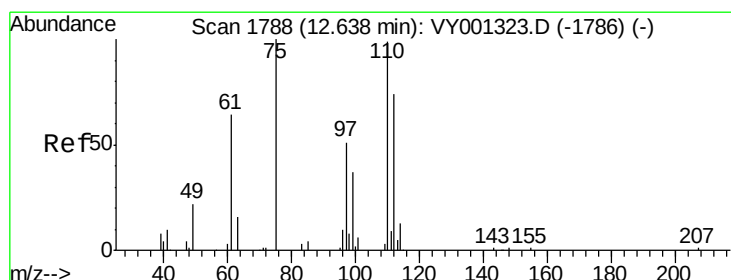
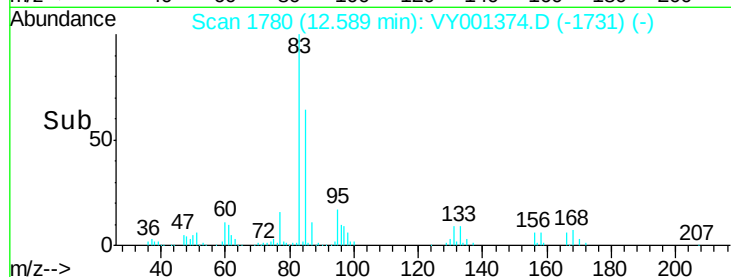
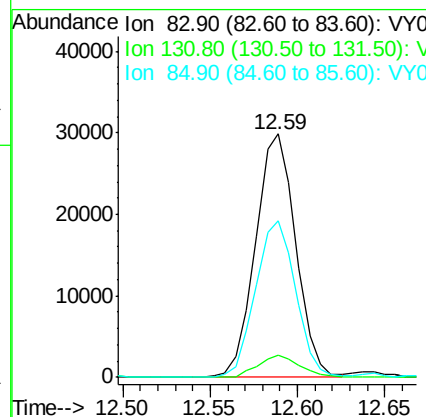
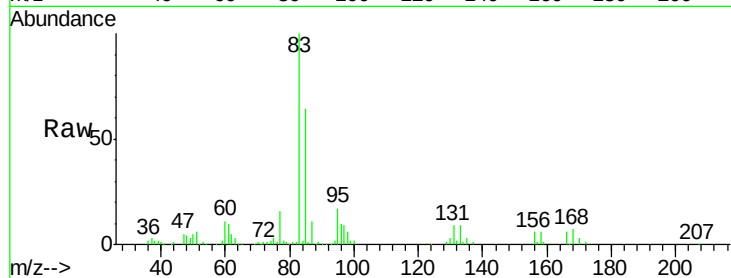
ClientSampleId :

VY0124SBS01

Tot Ion:	83	Resp:	48043
Ion Ratio	Lower	Upper	
83	100		
131	9.3	4.9	14.6
85	64.3	31.4	94.3

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 20.312 ug/l m

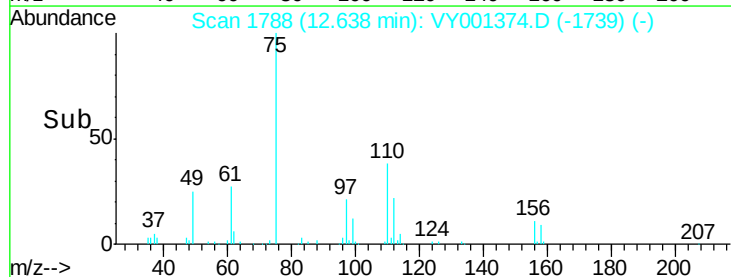
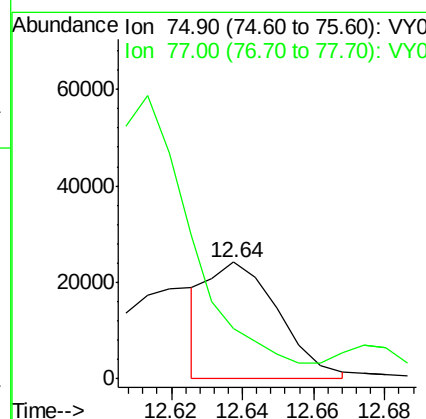
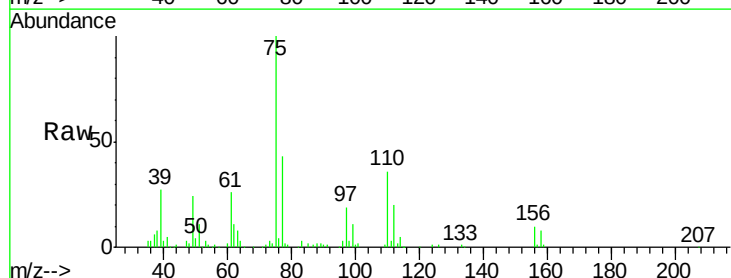
RT: 12.64 min Scan# 1788

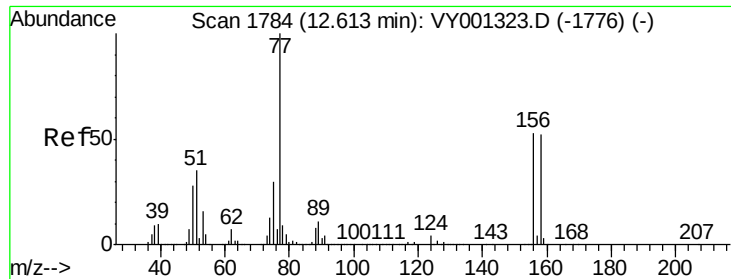
Delta R.T. -0.00 min

Lab File: VY001374.D

Acq: 24 Jan 2020 12:15

Tgt Ion:	75	Resp:	33625
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 20.414 ug/l

RT: 12.61 min Scan# 1784

Delta R.T. -0.00 min

Lab File: VY001374.D

Acq: 24 Jan 2020 12:15

Instrument :

MSVOA_Y

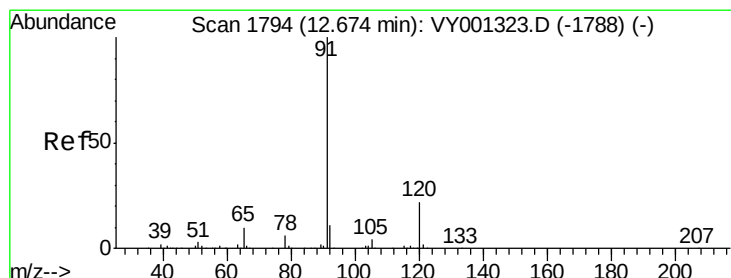
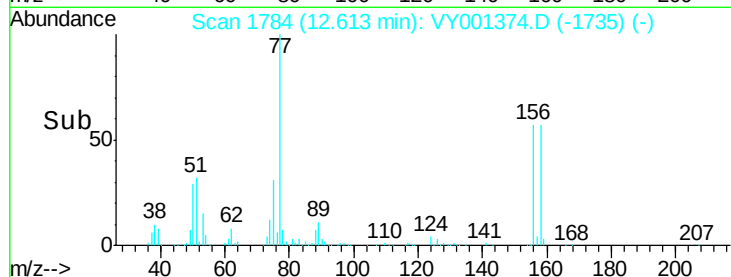
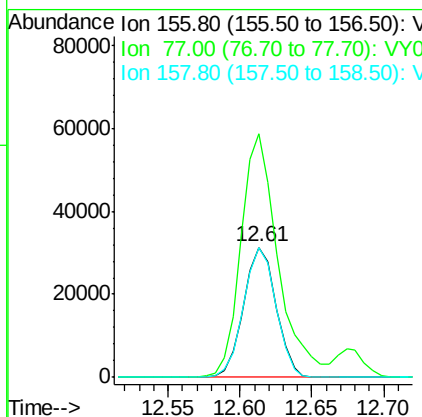
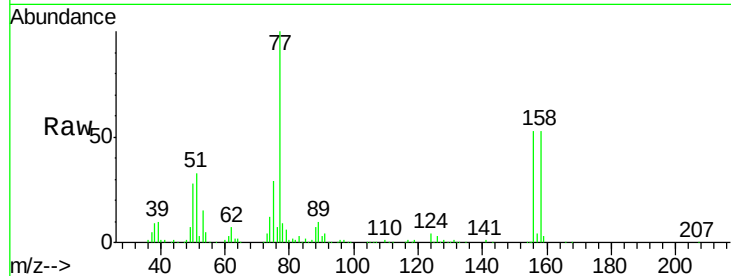
ClientSampleId :

VY0124SBS01

Tot Ion	Ion	Ratio	Lower	Upper
156	100			
77	214.7	104.7	313.9	
158	99.0	48.6	145.8	

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#78

n-propylbenzene

Concen: 21.117 ug/l

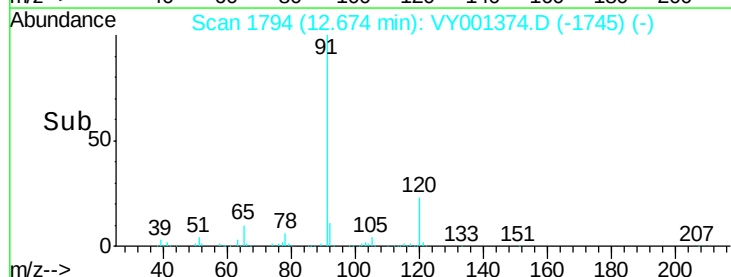
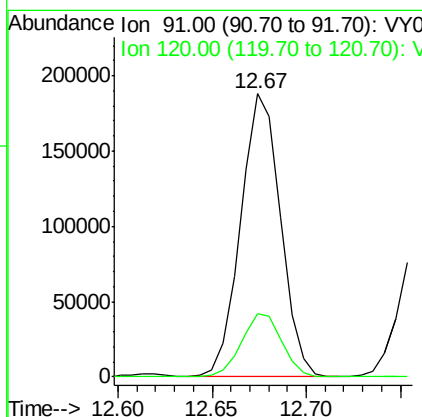
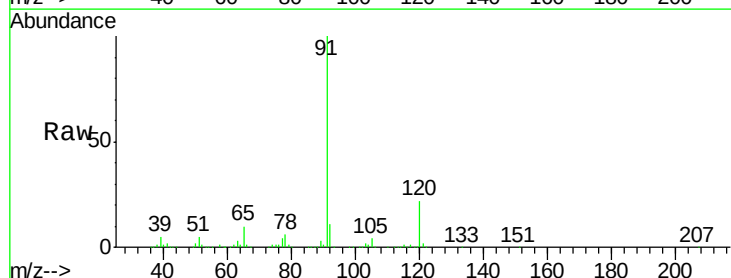
RT: 12.67 min Scan# 1794

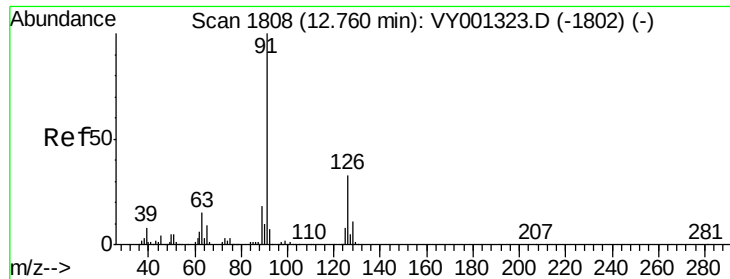
Delta R.T. -0.00 min

Lab File: VY001374.D

Acq: 24 Jan 2020 12:15

Tgt Ion	Ion	Ratio	Lower	Upper
91	100			
120	22.6	11.3	33.8	





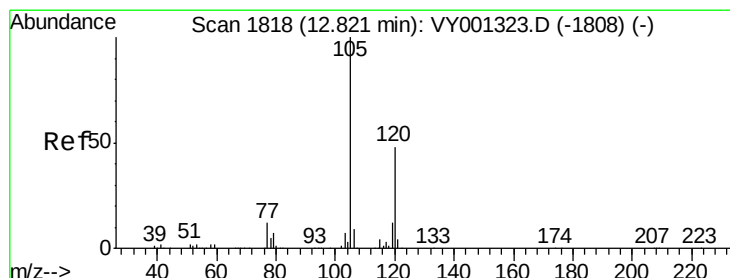
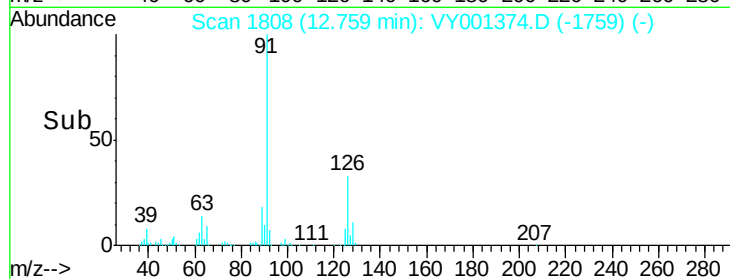
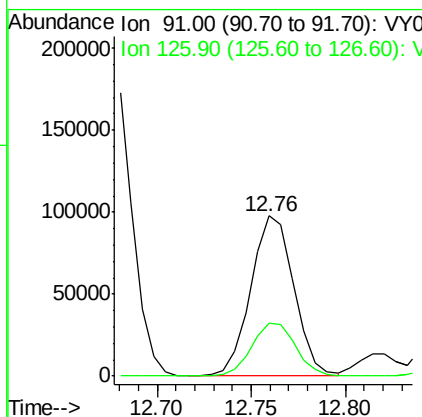
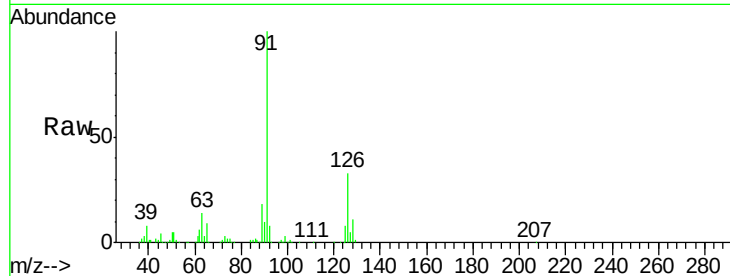
#79
 2-Chlorotoluene
 Concen: 20.791 ug/l
 RT: 12.76 min Scan# 1808
 Delta R.T. -0.00 min
 Lab File: VY001374.D
 Acq: 24 Jan 2020 12:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0124SBS01

Tot Ion: 91 Resp: 154976
 Ion Ratio Lower Upper
 91 100
 126 33.6 16.6 49.7

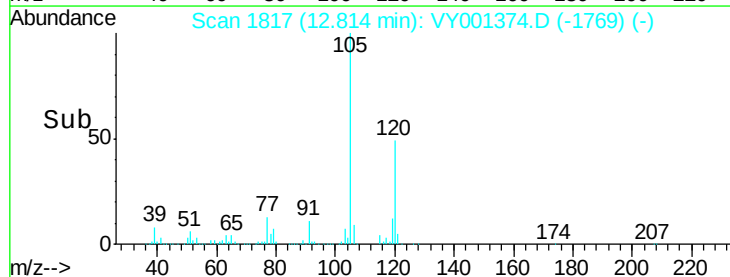
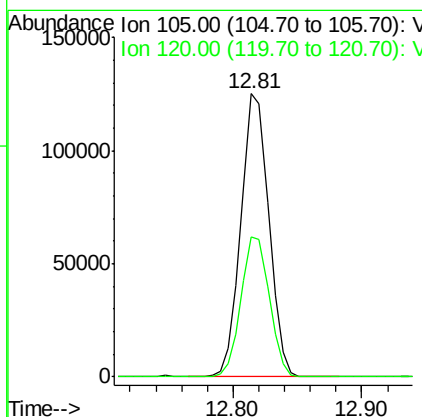
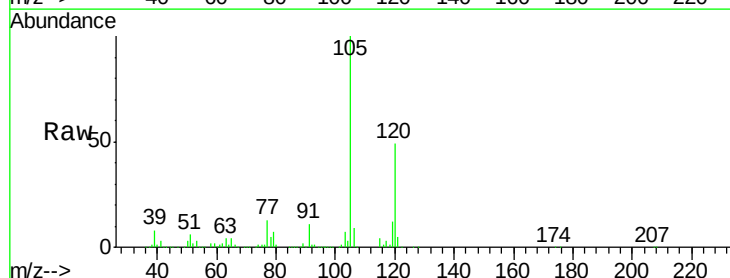
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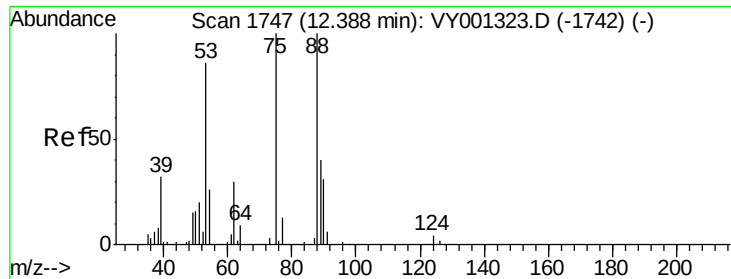
MMDadoda
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#80
 1,3,5-Trimethylbenzene
 Concen: 20.781 ug/l
 RT: 12.81 min Scan# 1817
 Delta R.T. -0.01 min
 Lab File: VY001374.D
 Acq: 24 Jan 2020 12:15

Tgt Ion: 105 Resp: 188041
 Ion Ratio Lower Upper
 105 100
 120 50.2 24.3 72.9





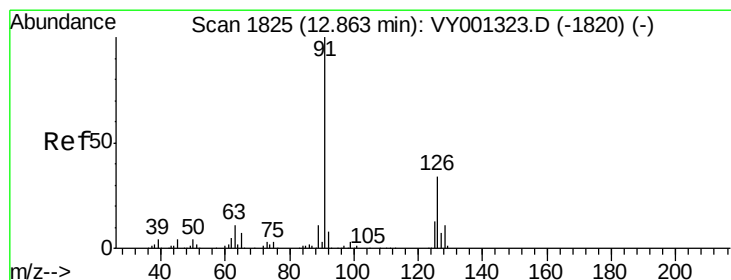
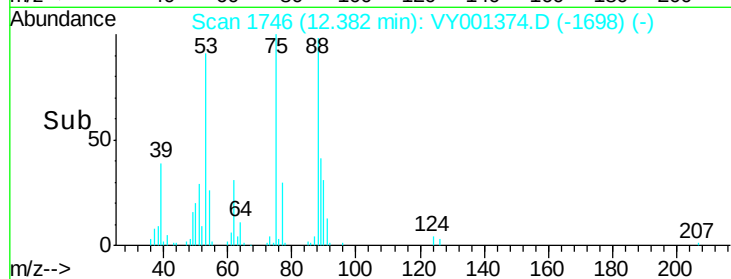
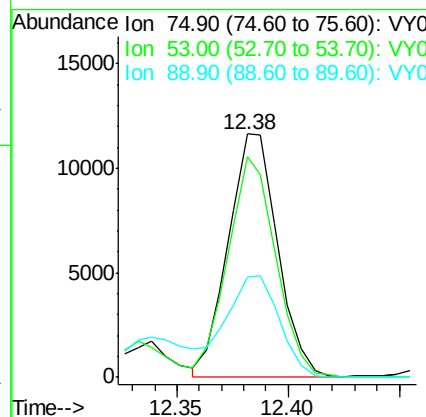
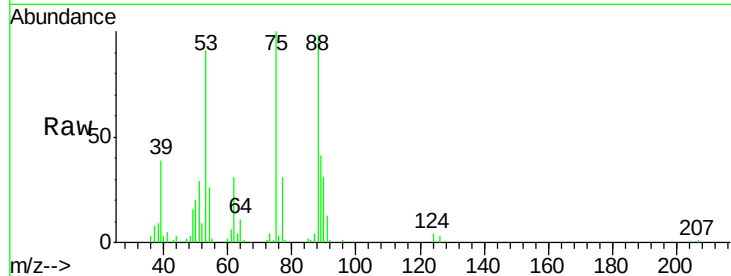
#81
trans-1,4-Dichloro-2-butene
Concen: 20.566 ug/l
RT: 12.38 min Scan# 1746
Delta R.T. -0.01 min
Lab File: VY001374.D
Acq: 24 Jan 2020 12:15

Instrument :
MSVOA_Y
ClientSampleId :
VY0124SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	87.8	69.9	104.9
89	46.2	36.6	54.8

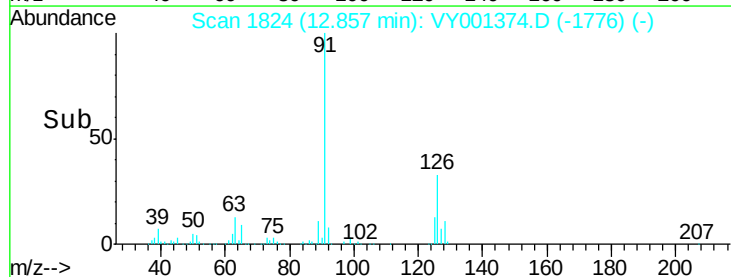
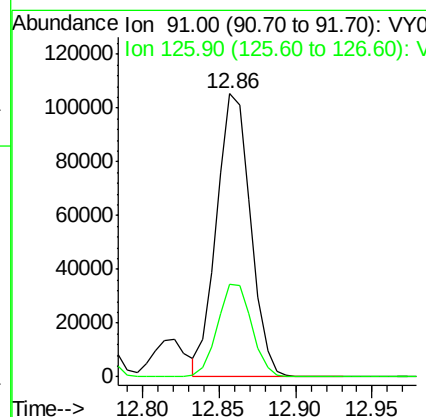
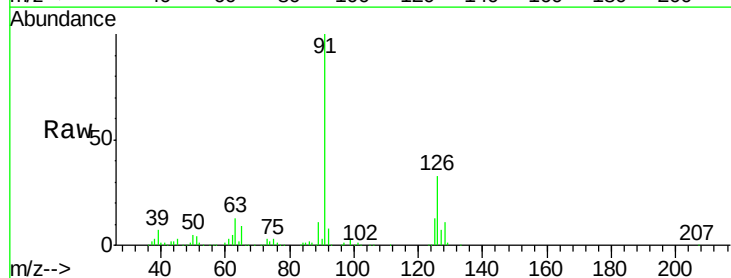
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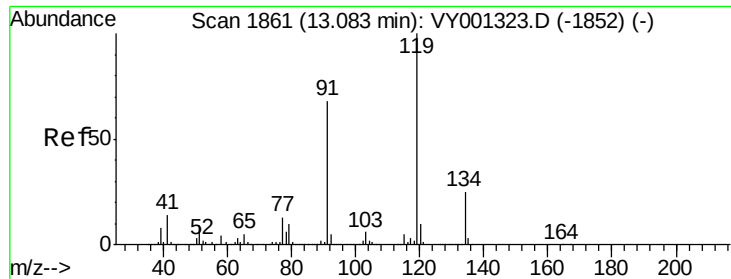
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#82
4-Chlorotoluene
Concen: 20.360 ug/l
RT: 12.86 min Scan# 1824
Delta R.T. -0.01 min
Lab File: VY001374.D
Acq: 24 Jan 2020 12:15

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.2	16.4	49.4





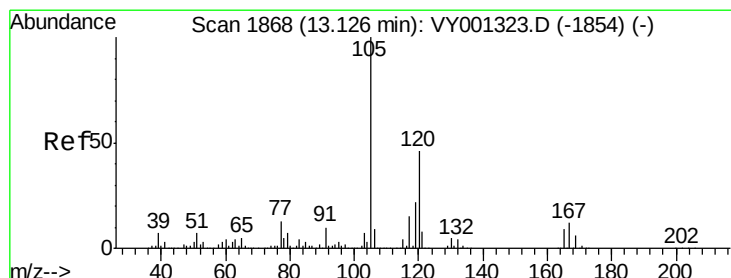
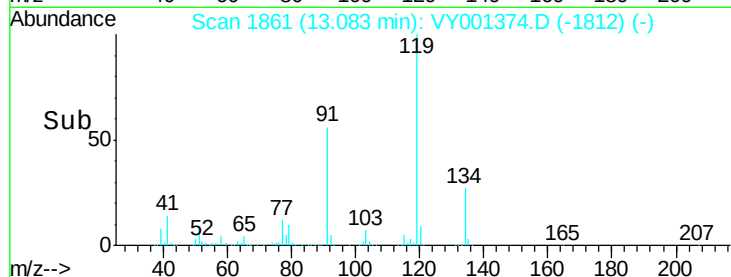
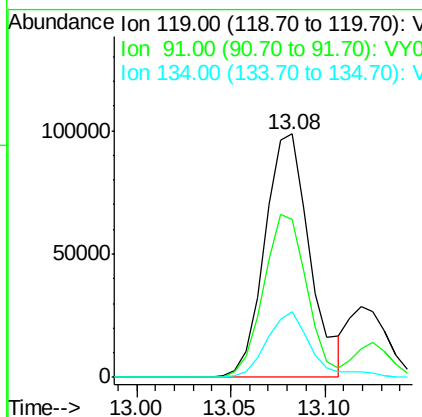
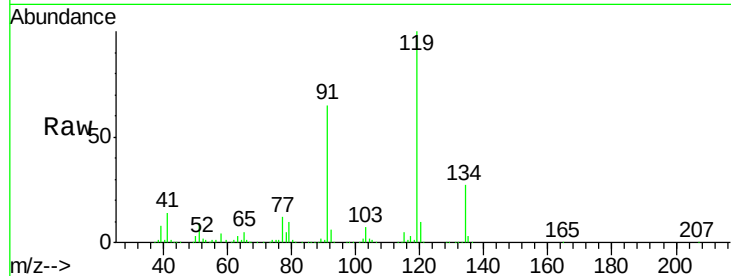
#83
tert-Butylbenzene
Concen: 21.404 ug/l
RT: 13.08 min Scan# 1861
Delta R.T. -0.00 min
Lab File: VY001374.D
Acq: 24 Jan 2020 12:15

Instrument :
MSVOA_Y
ClientSampleId :
VY0124SBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	64.5	33.0	99.0
134	26.8	13.3	39.9

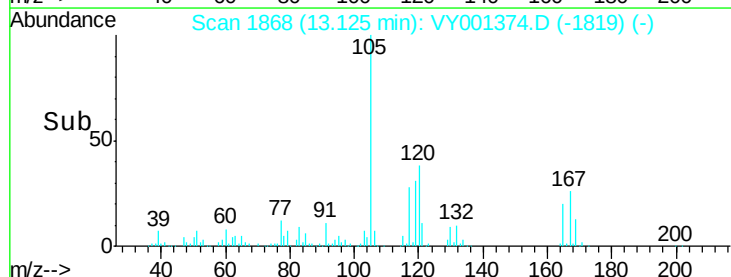
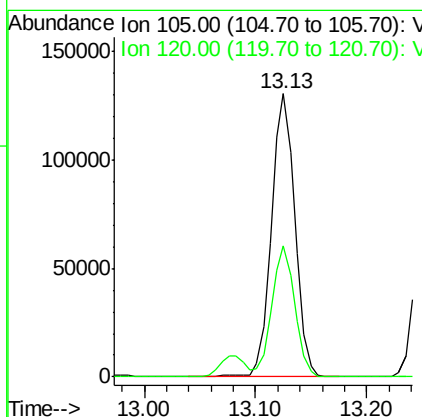
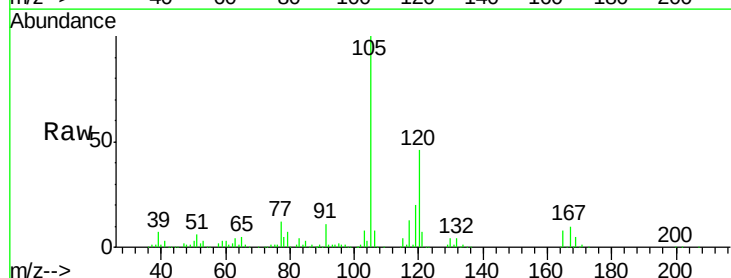
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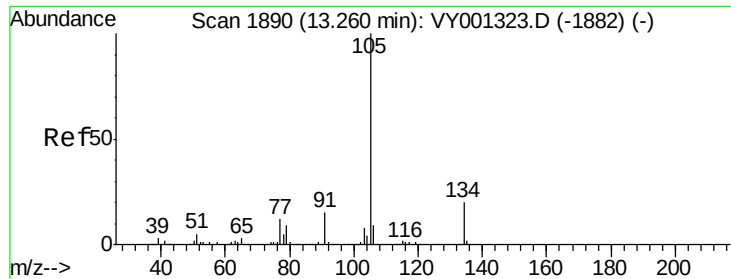
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#84
1,2,4-Trimethylbenzene
Concen: 21.088 ug/l
RT: 13.13 min Scan# 1868
Delta R.T. -0.00 min
Lab File: VY001374.D
Acq: 24 Jan 2020 12:15

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.3	22.4	67.3





#85

sec-Butylbenzene

Concen: 21.631 ug/l

RT: 13.26 min Scan# 1890

Delta R.T. -0.00 min

Lab File: VY001374.D

Acq: 24 Jan 2020 12:15

Instrument :

MSVOA_Y

ClientSampleId :

VY0124SBS01

Tot Ion:105 Resp: 234413

Ion Ratio Lower Upper

105 100

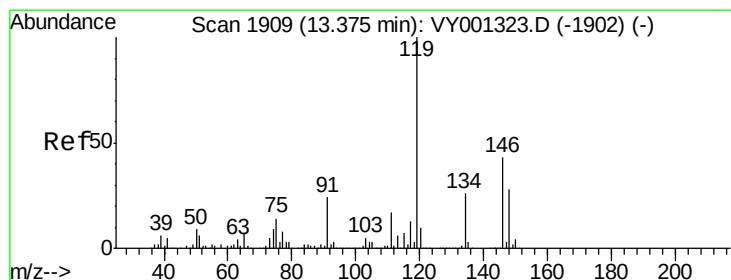
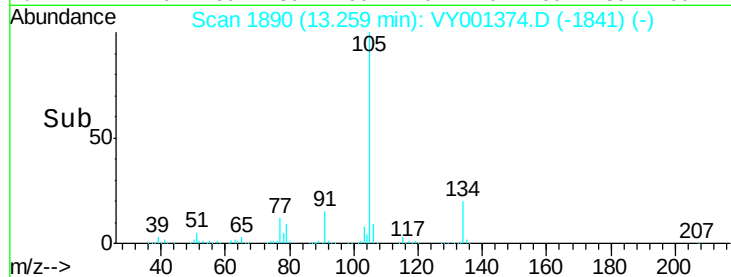
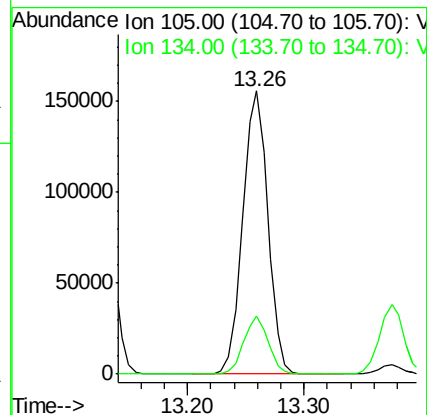
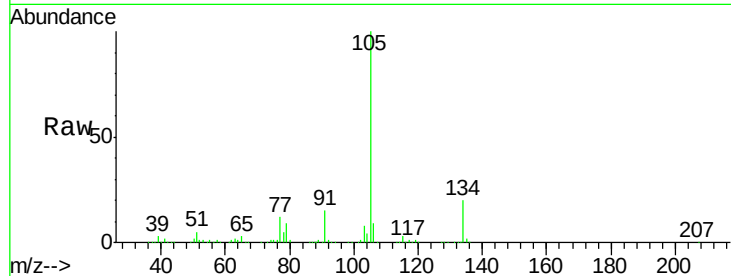
134 20.0 9.8 29.4

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 21.838 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. -0.00 min

Lab File: VY001374.D

Acq: 24 Jan 2020 12:15

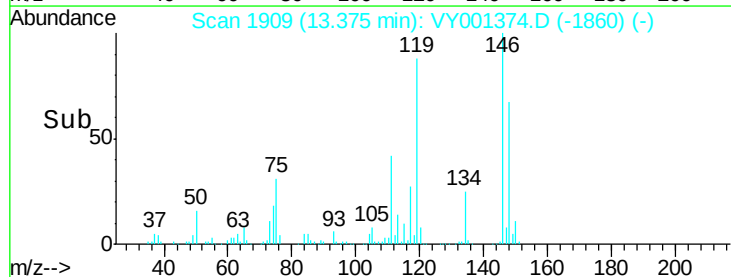
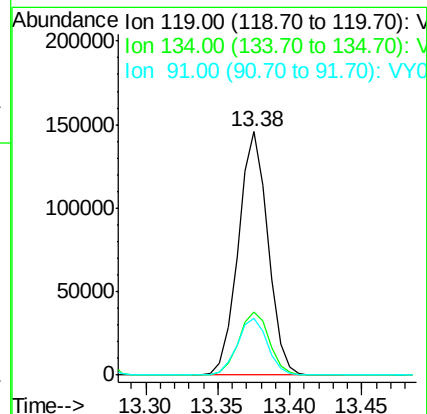
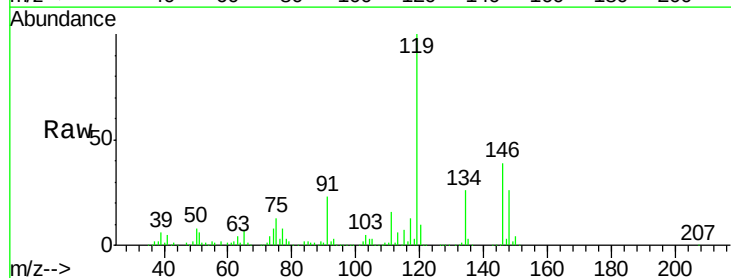
Tgt Ion:119 Resp: 208552

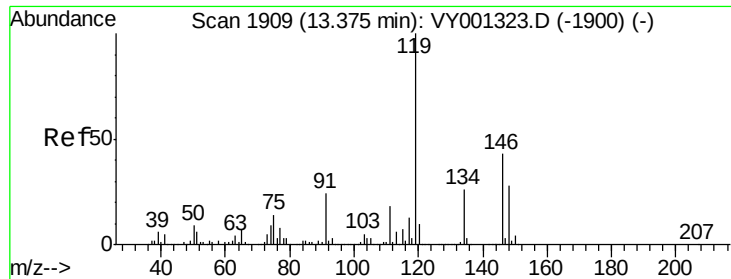
Ion Ratio Lower Upper

119 100

134 26.8 13.5 40.4

91 23.7 12.2 36.6





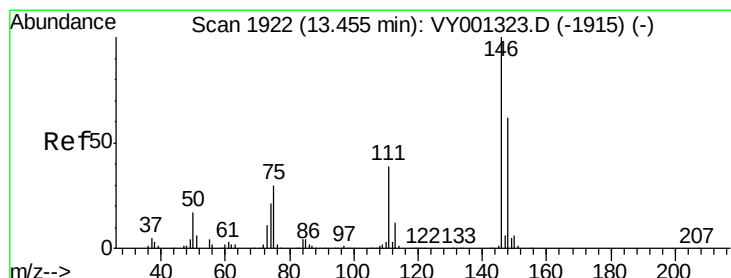
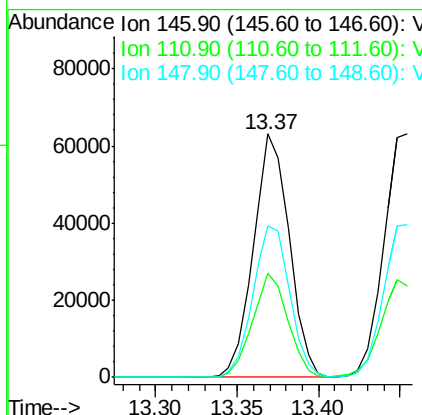
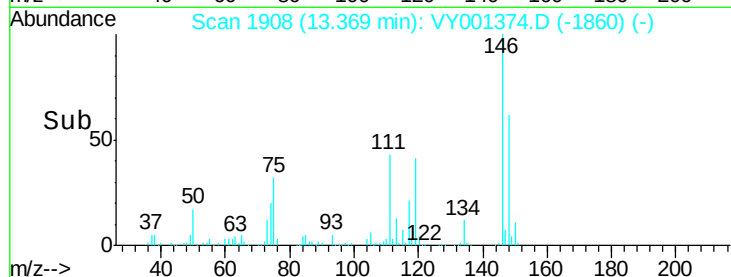
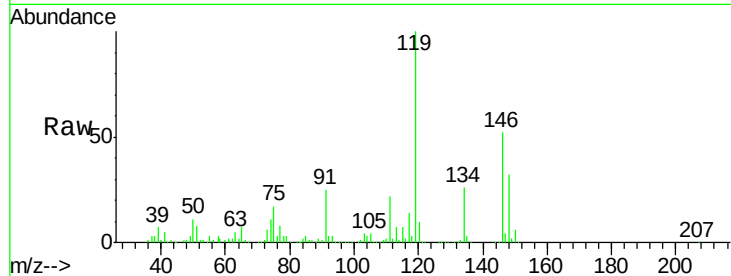
#87
 1,3-Dichlorobenzene
 Concen: 20.824 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. -0.01 min
 Lab File: VY001374.D
 Acq: 24 Jan 2020 12:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0124SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.9	20.6	61.8
148	64.0	31.6	95.0

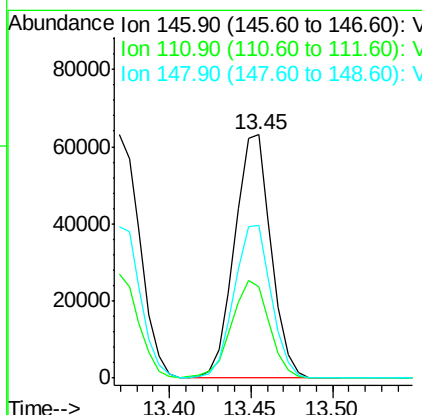
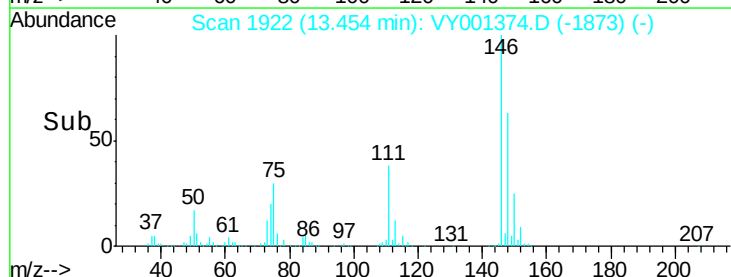
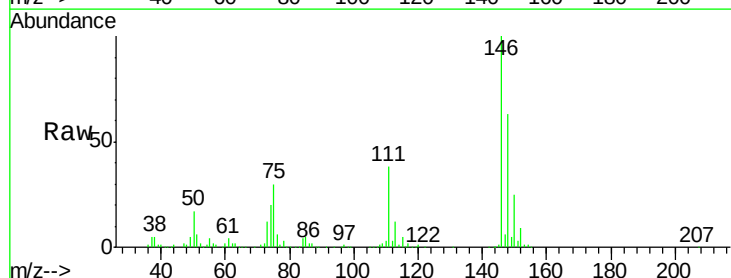
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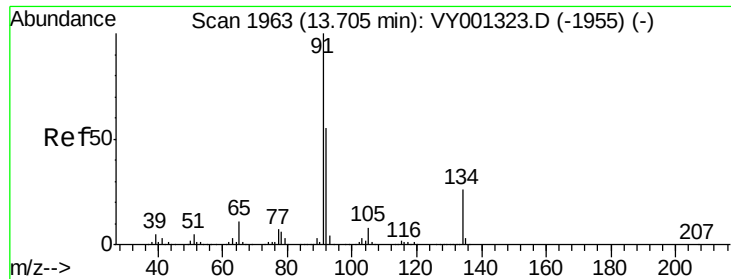
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#88
 1,4-Dichlorobenzene
 Concen: 20.859 ug/l
 RT: 13.45 min Scan# 1922
 Delta R.T. -0.00 min
 Lab File: VY001374.D
 Acq: 24 Jan 2020 12:15

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.9	20.5	61.5
148	64.1	31.6	95.0





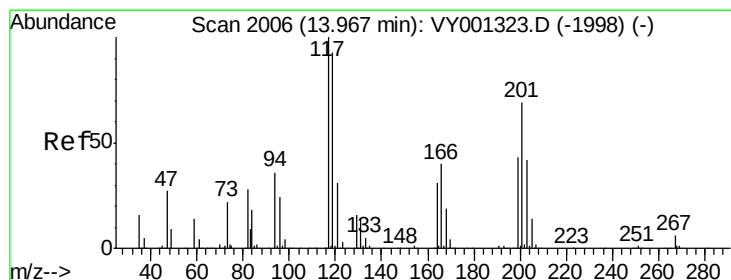
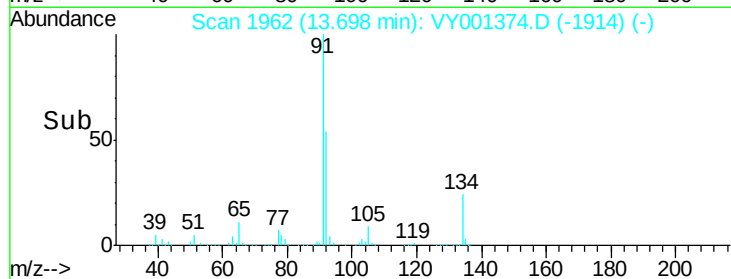
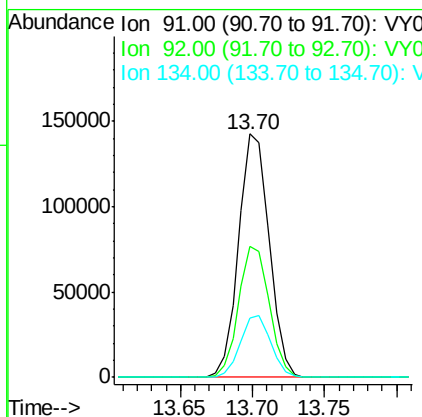
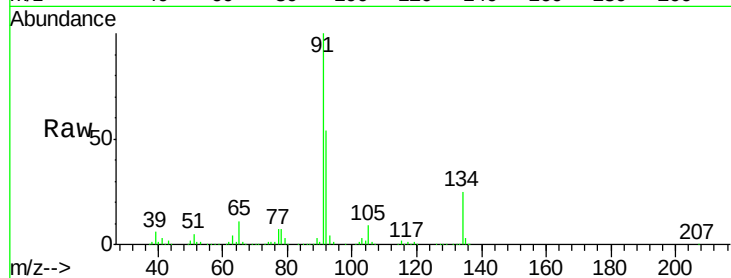
#89
n-Butylbenzene
Concen: 21.878 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. -0.01 min
Lab File: VY001374.D
Acq: 24 Jan 2020 12:15

Instrument :
MSVOA_Y
ClientSampleId :
VY0124SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.0	27.6	82.8
134	25.3	12.9	38.6

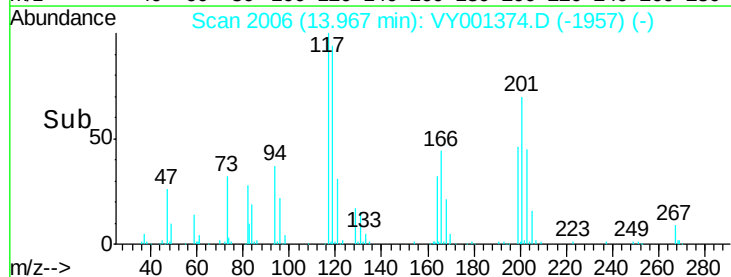
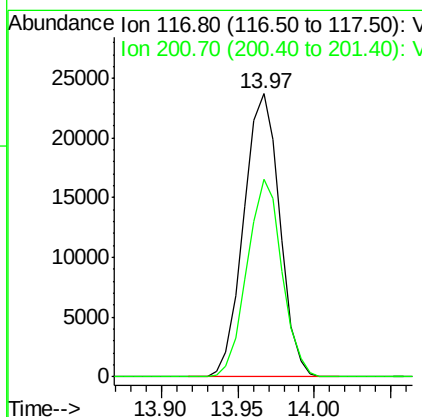
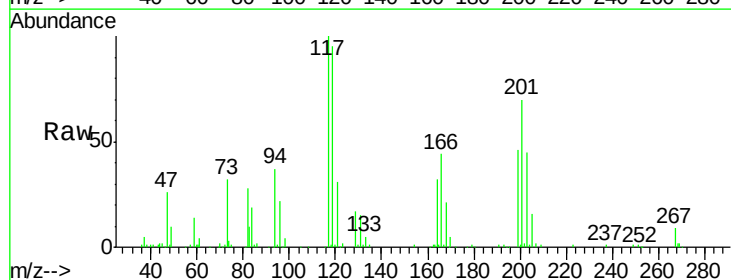
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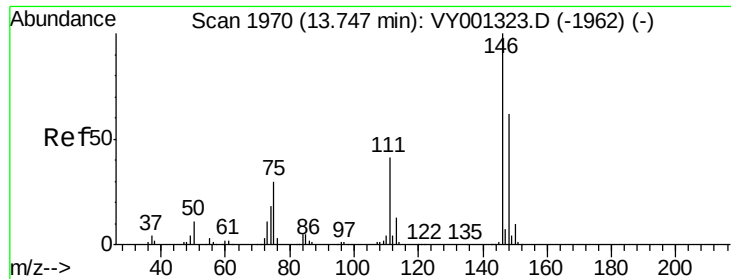
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#90
Hexachloroethane
Concen: 21.456 ug/l
RT: 13.97 min Scan# 2006
Delta R.T. -0.00 min
Lab File: VY001374.D
Acq: 24 Jan 2020 12:15

Tgt Ion	Ratio	Lower	Upper
117	100		
201	67.8	34.6	103.8





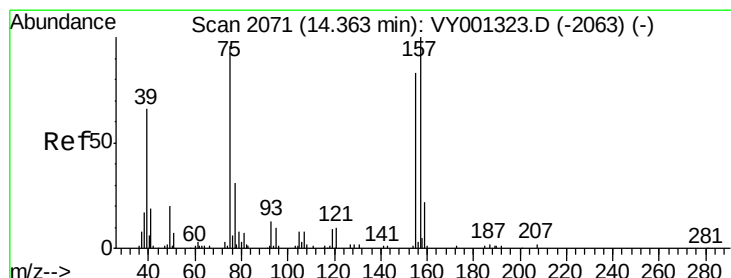
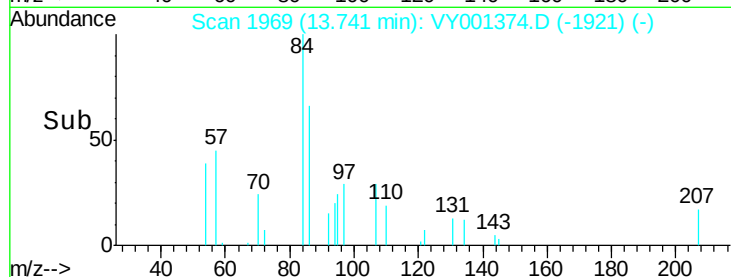
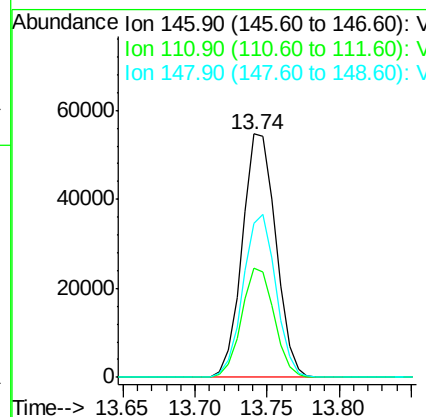
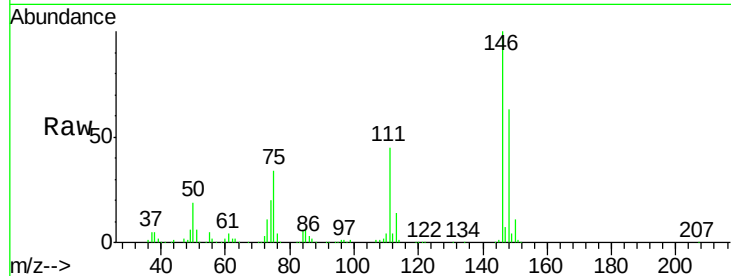
#91
 1,2-Dichlorobenzene
 Concen: 20.717 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. -0.01 min
 Lab File: VY001374.D
 Acq: 24 Jan 2020 12:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0124SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.6	21.1	63.4
148	65.0	31.5	94.5

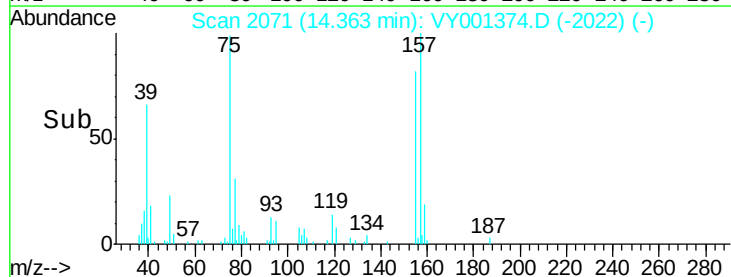
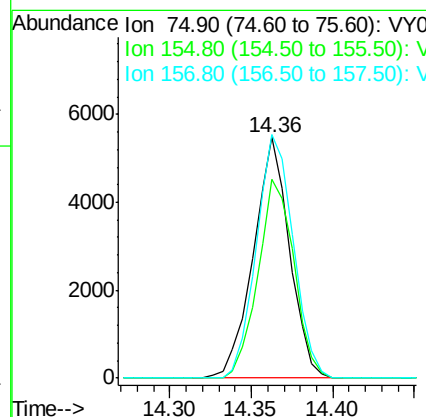
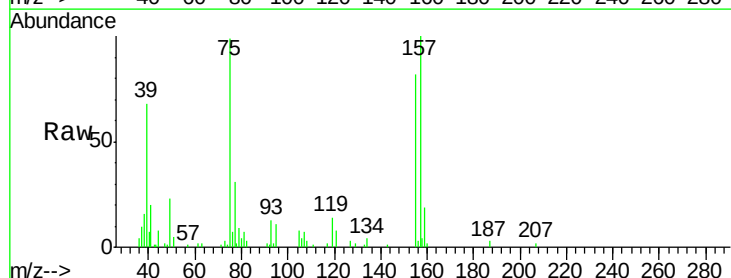
Manual Integrations
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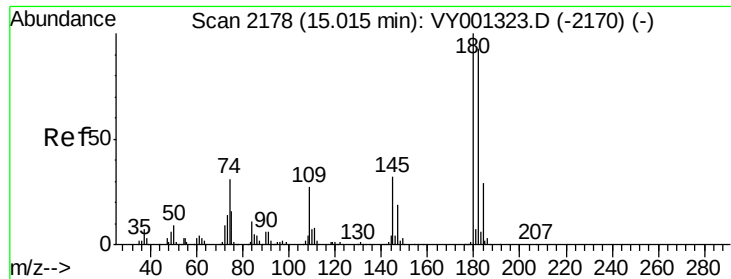
MMDadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.045 ug/l
 RT: 14.36 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VY001374.D
 Acq: 24 Jan 2020 12:15

Tgt Ion	Ratio	Lower	Upper
75	100		
155	82.3	43.0	129.2
157	103.1	53.3	160.0





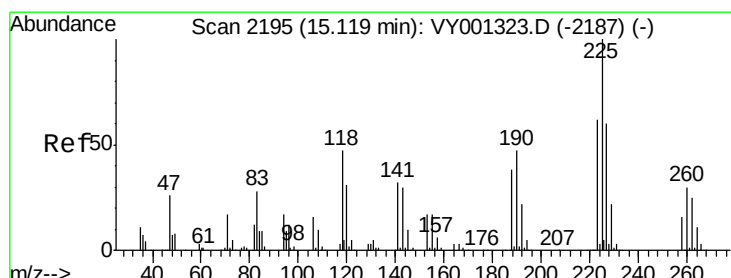
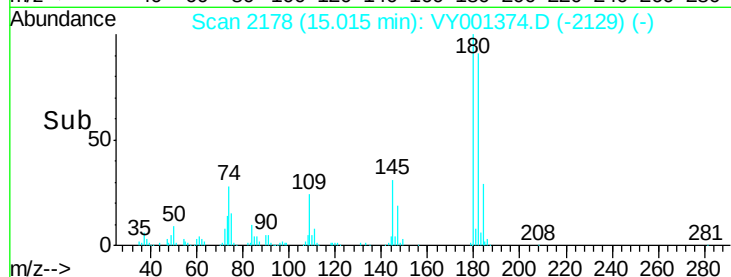
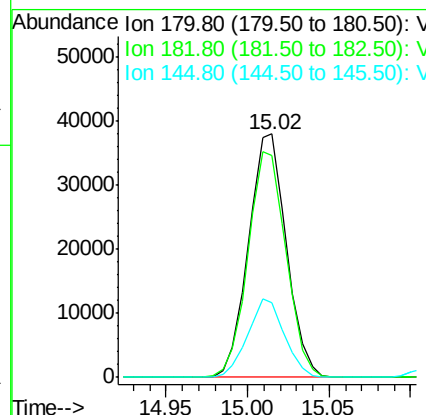
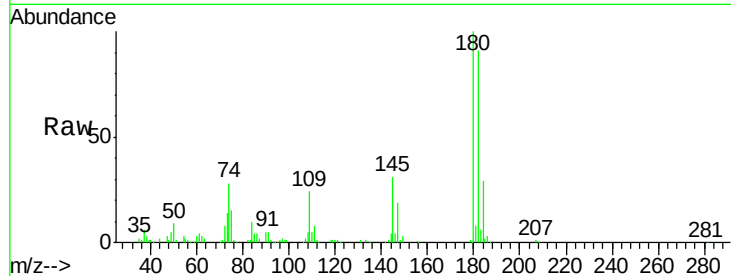
#93
 1,2,4-Trichlorobenzene
 Concen: 21.402 ug/l
 RT: 15.02 min Scan# 2178
 Delta R.T. -0.00 min
 Lab File: VY001374.D
 Acq: 24 Jan 2020 12:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0124SBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.0	47.6	142.8
145	31.4	16.3	48.9

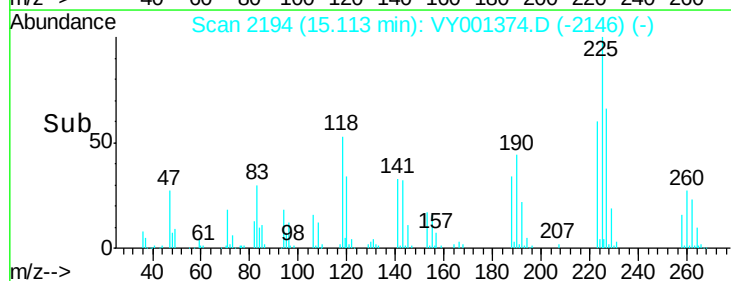
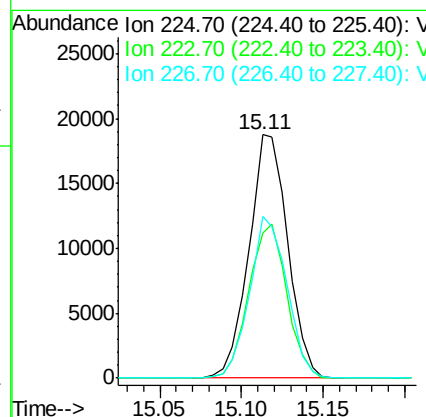
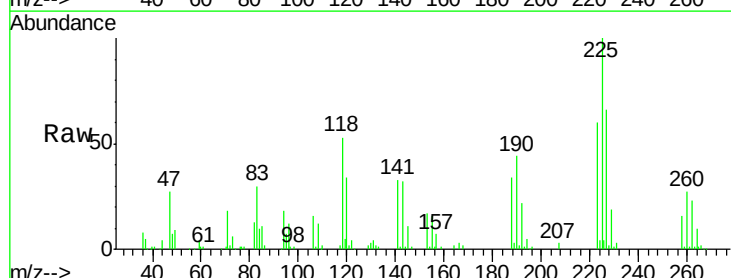
Manual Integrations
 APPROVED

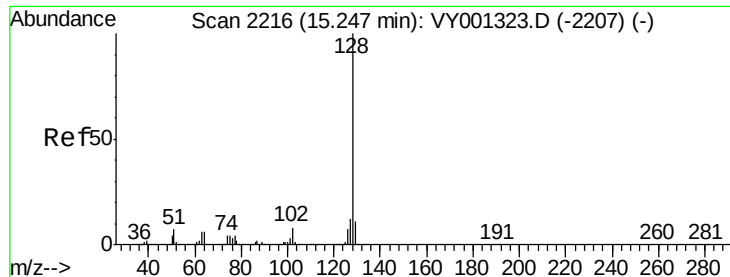
MMDadoda
 1/27/2020 12:01:47 PM



#94
 Hexachlorobutadiene
 Concen: 22.215 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. -0.01 min
 Lab File: VY001374.D
 Acq: 24 Jan 2020 12:15

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.1	31.2	93.6
227	64.0	31.0	93.0





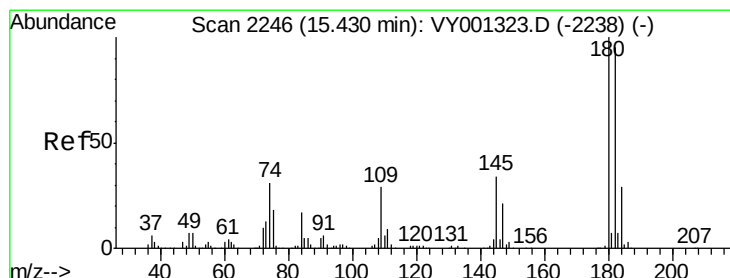
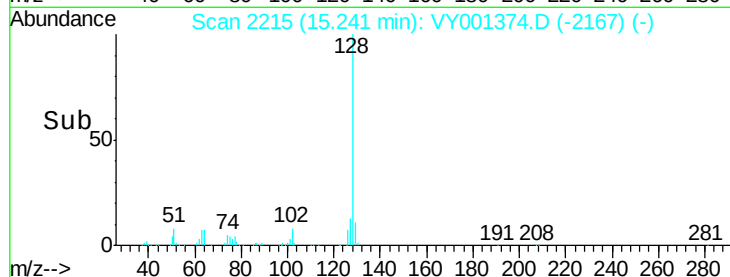
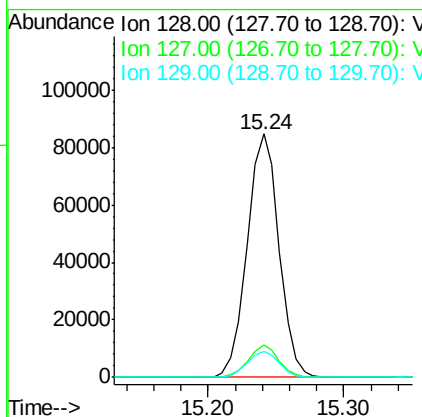
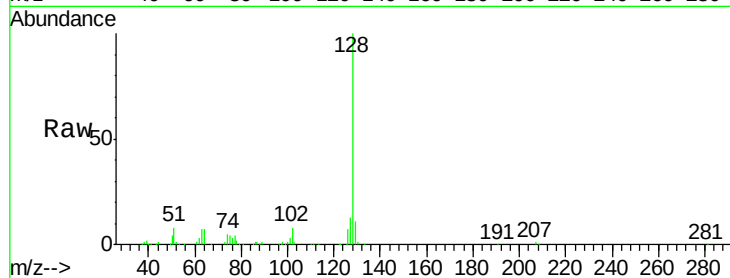
#95
Naphthalene
Concen: 21.138 ug/l
RT: 15.24 min Scan# 2215
Delta R.T. -0.01 min
Lab File: VY001374.D
Acq: 24 Jan 2020 12:15

Instrument :
MSVOA_Y
ClientSampleId :
VY0124SBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.2	15.2
129	10.8	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
1/27/2020 12:01:47 PM



#96
1,2,3-Trichlorobenzene
Concen: 21.602 ug/l
RT: 15.43 min Scan# 2246
Delta R.T. -0.00 min
Lab File: VY001374.D
Acq: 24 Jan 2020 12:15

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.1	47.3	141.8
145	33.0	16.8	50.3

