

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY033120\
 Data File : VY002124.D
 Acq On : 31 Mar 2020 11:54
 Operator : SY/MD
 Sample : VY0331SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0331SBS01

Manual Integrations
 APPROVED

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 4/1/2020 7:29:20 PM

Quant Time: Mar 31 18:07:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y032620S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 07:11:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	171992	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.72	114	311070	50.00	ug/l	0.01
63) Chlorobenzene-d5	11.50	117	279282	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	130548	50.00	ug/l	0.01

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.17	65	91985	48.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.76%	
35) Dibromofluoromethane	7.75	113	86718	49.75	ug/l	0.01
Spiked Amount	50.000		Recovery	=	99.50%	
50) Toluene-d8	10.20	98	350181	48.36	ug/l	0.01
Spiked Amount	50.000		Recovery	=	96.72%	
62) 4-Bromofluorobenzene	12.50	95	124769	49.27	ug/l	0.01
Spiked Amount	50.000		Recovery	=	98.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.92	85	33055	26.264	ug/l	98
3) Chloromethane	2.13	50	43349	21.567	ug/l	100
4) Vinyl Chloride	2.27	62	42250	20.668	ug/l	97
5) Bromomethane	2.67	94	28396	21.286	ug/l	99
6) Chloroethane	2.82	64	26781	20.403	ug/l	99
7) Trichlorofluoromethane	3.15	101	59567	21.264	ug/l	95
8) Diethyl Ether	3.56	74	24036	20.258	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.94	101	37100	20.186	ug/l	99
10) Methyl Iodide	4.13	142	40179	18.385	ug/l	99
11) Tert butyl alcohol	4.98	59	31260	139.516	ug/l #	84
12) 1,1-Dichloroethene	3.91	96	37448	20.066	ug/l	95
13) Acrolein	3.76	56	24655	88.041	ug/l	96
14) Allyl chloride	4.52	41	68247	19.976	ug/l	99
15) Acrylonitrile	5.21	53	62411	100.358	ug/l	99
16) Acetone	3.99	43	51133	95.723	ug/l	97
17) Carbon Disulfide	4.23	76	124860	20.160	ug/l	98
18) Methyl Acetate	4.52	43	28041	20.215	ug/l	99
19) Methyl tert-butyl Ether	5.27	73	104277	20.029	ug/l	95
20) Methylene Chloride	4.76	84	45000	16.963	ug/l	97
21) trans-1,2-Dichloroethene	5.26	96	42350	19.930	ug/l	97
22) Diisopropyl ether	6.16	45	137831	19.713	ug/l	99
23) Vinyl Acetate	6.10	43	449652	98.075	ug/l	98
24) 1,1-Dichloroethane	6.07	63	73245	19.703	ug/l	99
25) 2-Butanone	7.03	43	82828	100.982	ug/l	99
26) 2,2-Dichloropropane	7.02	77	63519	20.746	ug/l	98
27) cis-1,2-Dichloroethene	7.03	96	46366	19.834	ug/l	99
28) Bromochloromethane	7.37	49	32600	19.209	ug/l	98
29) Tetrahydrofuran	7.38	42	54631	101.588	ug/l	99
30) Chloroform	7.54	83	67820	19.247	ug/l	99
31) Cyclohexane	7.82	56	77711	19.618	ug/l	96
32) 1,1,1-Trichloroethane	7.74	97	57971	19.705	ug/l	99
36) 1,1-Dichloropropene	7.95	75	57371	19.499	ug/l	99
37) Ethyl Acetate	7.11	43	34701	19.516	ug/l	98
38) Carbon Tetrachloride	7.93	117	50302	20.151	ug/l	95

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 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 07:11:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.21	83	75799	19.640	ug/l	99
40) Benzene	8.19	78	172304	19.770	ug/l	98
41) Methacrylonitrile	7.35	41	18785m	20.887	ug/l	
42) 1,2-Dichloroethane	8.27	62	45853	19.817	ug/l	100
43) Isopropyl Acetate	8.30	43	66124	20.037	ug/l	100
44) Trichloroethene	8.97	130	41626	19.814	ug/l	98
45) 1,2-Dichloropropane	9.24	63	43920	19.791	ug/l	99
46) Dibromomethane	9.33	93	22603	19.833	ug/l	98
47) Bromodichloromethane	9.52	83	51821	19.532	ug/l	100
48) Methyl methacrylate	9.31	41	28249	19.102	ug/l	97
49) 1,4-Dioxane	9.32	88	6353	406.231	ug/l #	94
51) 4-Methyl-2-Pentanone	10.09	43	177809	104.637	ug/l	99
52) Toluene	10.26	92	104682	19.859	ug/l	99
53) t-1,3-Dichloropropene	10.49	75	58703	19.935	ug/l	97
54) cis-1,3-Dichloropropene	9.95	75	69320	19.994	ug/l	99
55) 1,1,2-Trichloroethane	10.66	97	33273	19.726	ug/l	96
56) Ethyl methacrylate	10.53	69	49267	19.998	ug/l	98
57) 1,3-Dichloropropane	10.81	76	58905	19.766	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.80	63	128398	101.428	ug/l	100
59) 2-Hexanone	10.85	43	120916	101.015	ug/l	100
60) Dibromochloromethane	11.00	129	35962	20.375	ug/l	99
61) 1,2-Dibromoethane	11.11	107	31515	19.962	ug/l	96
64) Tetrachloroethene	10.74	164	35615	20.843	ug/l	91
65) Chlorobenzene	11.53	112	107561	19.952	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.61	131	36328	20.142	ug/l	99
67) Ethyl Benzene	11.61	91	202232	20.198	ug/l	98
68) m/p-Xylenes	11.72	106	151598	40.950	ug/l	97
69) o-Xylene	12.05	106	71243	20.287	ug/l	97
70) Styrene	12.06	104	121949	20.040	ug/l	100
71) Bromoform	12.22	173	19889	20.134	ug/l #	98
73) Isopropylbenzene	12.34	105	188626	19.478	ug/l	100
74) N-amyl acetate	12.16	43	60284	19.737	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.60	83	41585	19.955	ug/l	99
76) 1,2,3-Trichloropropane	12.65	75	27491m	18.826	ug/l	
77) Bromobenzene	12.63	156	40811	19.741	ug/l	99
78) n-propylbenzene	12.69	91	232599	19.355	ug/l	99
79) 2-Chlorotoluene	12.77	91	128198	19.429	ug/l	99
80) 1,3,5-Trimethylbenzene	12.83	105	156835	19.630	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.39	75	14914	19.786	ug/l	95
82) 4-Chlorotoluene	12.87	91	134561	19.352	ug/l	98
83) tert-Butylbenzene	13.09	119	131277	19.684	ug/l	98
84) 1,2,4-Trimethylbenzene	13.14	105	155835	19.549	ug/l	99
85) sec-Butylbenzene	13.27	105	194143	19.654	ug/l	99
86) p-Isopropyltoluene	13.39	119	169141	19.939	ug/l	99
87) 1,3-Dichlorobenzene	13.38	146	81828	20.233	ug/l	98
88) 1,4-Dichlorobenzene	13.46	146	81273	19.971	ug/l	99
89) n-Butylbenzene	13.71	91	173772	19.661	ug/l	100
90) Hexachloroethane	13.98	117	31263	19.559	ug/l	95
91) 1,2-Dichlorobenzene	13.75	146	73603	19.708	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.38	75	6525	19.547	ug/l	98

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Instrument :
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ClientSampleId :
VY0331SBS01

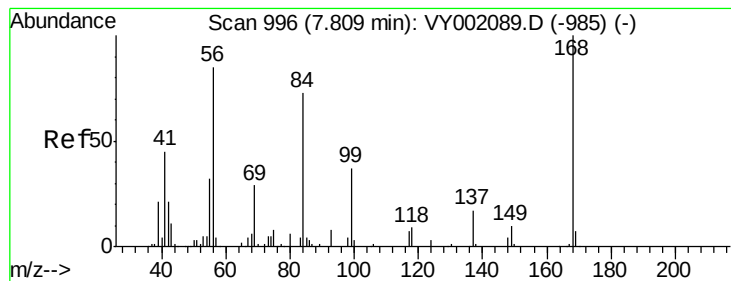
Manual Integrations
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.03	180	46896	19.481	ug/l	99
94) Hexachlorobutadiene	15.13	225	23094	19.435	ug/l	97
95) Naphthalene	15.25	128	109079	19.078	ug/l	99
96) 1,2,3-Trichlorobenzene	15.44	180	42484	19.462	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 998

Delta R.T. 0.01 min

Lab File: VY002124.D

Acq: 31 Mar 2020 11:54

Instrument :

MSVOA_Y

ClientSampleId :

VY0331SBS01

Tot Ion:168 Resp: 171992

Ion Ratio Lower Upper

168 100

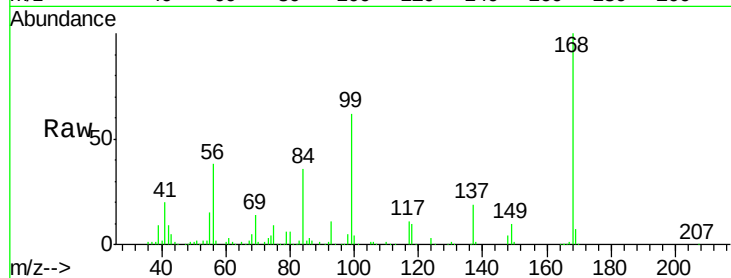
99 61.7 47.6 71.4

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

7.82

80000

60000

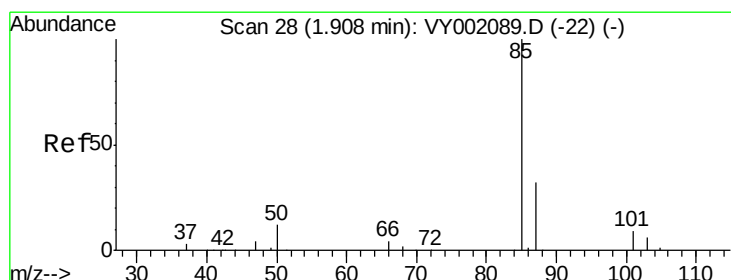
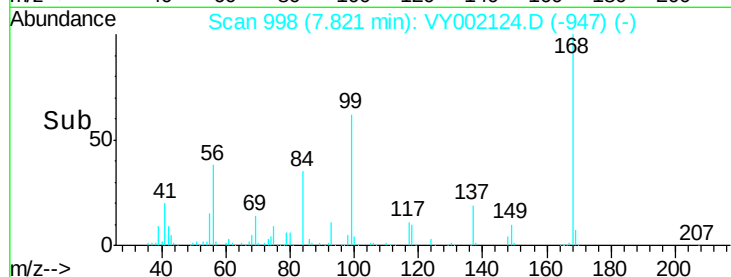
40000

20000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 26.264 ug/l

RT: 1.92 min Scan# 30

Delta R.T. 0.01 min

Lab File: VY002124.D

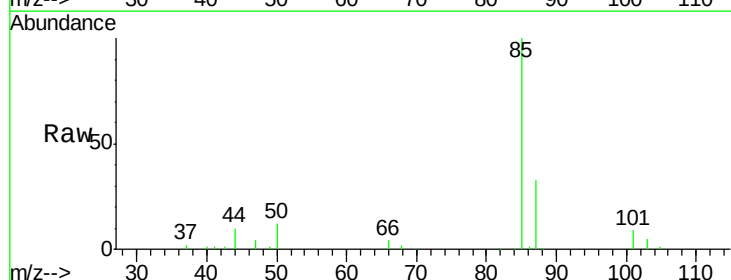
Acq: 31 Mar 2020 11:54

Tgt Ion: 85 Resp: 33055

Ion Ratio Lower Upper

85 100

87 33.0 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VY0

Ion 86.90 (86.60 to 87.60): VY0

1.92

25000

20000

15000

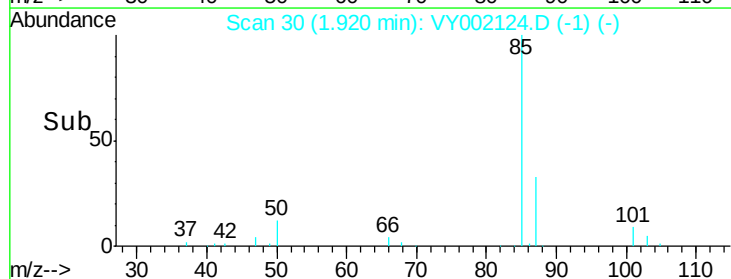
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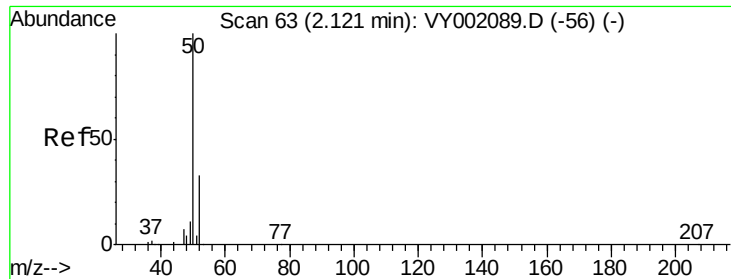
5000

0

1.85 1.90 1.95 2.00 2.05

Time-->





#3

Chloromethane

Concen: 21.567 ug/l

RT: 2.13 min Scan# 65

Delta R.T. 0.01 min

Lab File: VY002124.D

Acq: 31 Mar 2020 11:54

Instrument :

MSVOA_Y

ClientSampleId :

VY0331SBS01

Tot Ion: 50 Resp: 43349

Ion Ratio Lower Upper

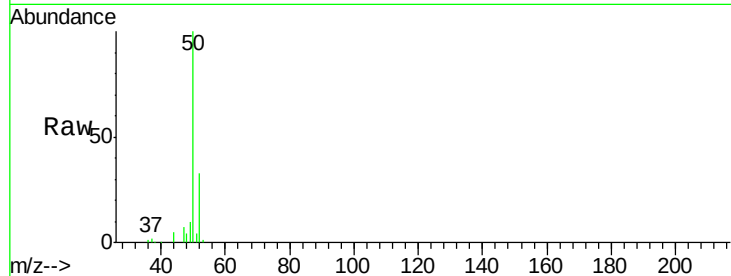
50 100

52 32.5 26.1 39.1

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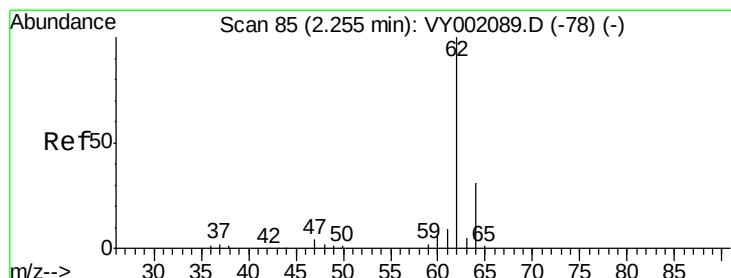
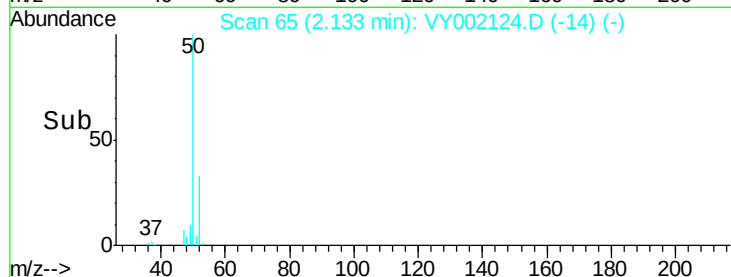
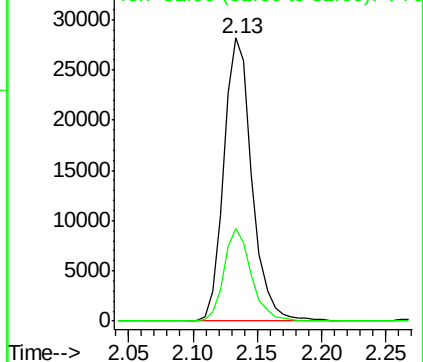
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Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 20.668 ug/l

RT: 2.27 min Scan# 88

Delta R.T. 0.02 min

Lab File: VY002124.D

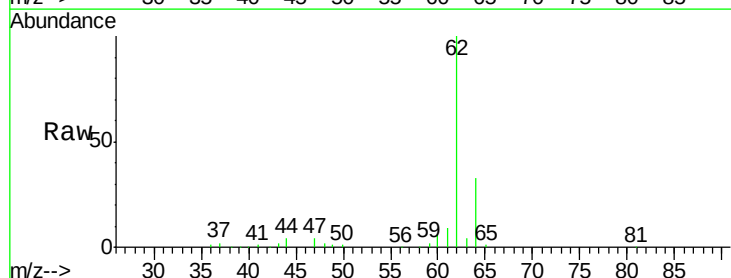
Acq: 31 Mar 2020 11:54

Tgt Ion: 62 Resp: 42250

Ion Ratio Lower Upper

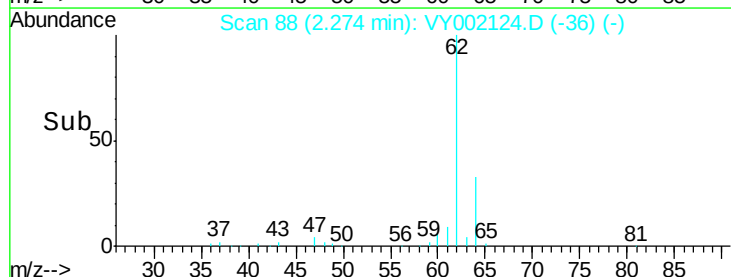
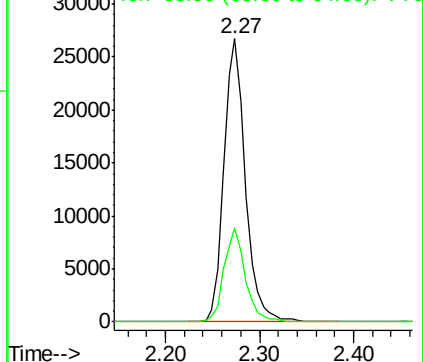
62 100

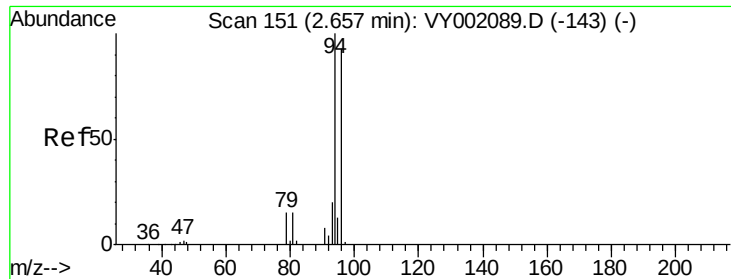
64 33.3 25.2 37.8



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 21.286 ug/l

RT: 2.67 min Scan# 153

Delta R.T. 0.01 min

Lab File: VY002124.D

Acq: 31 Mar 2020 11:54

Instrument :

MSVOA_Y

ClientSampleId :

VY0331SBS01

Tot Ion: 94 Resp: 28396

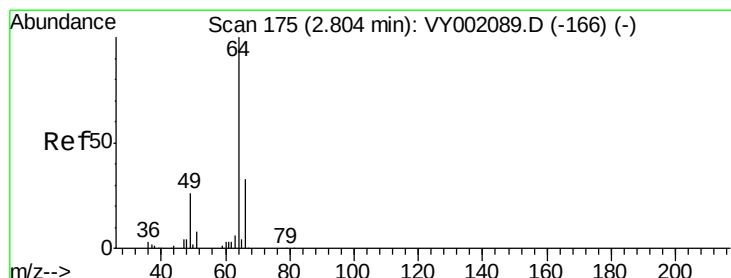
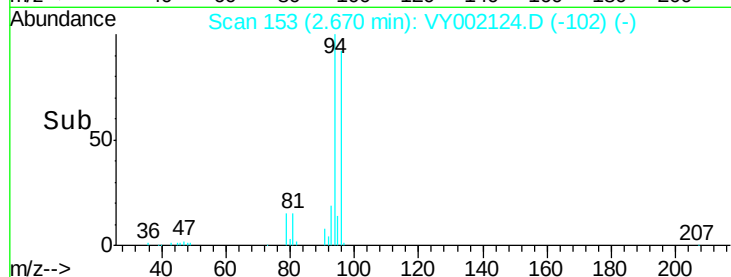
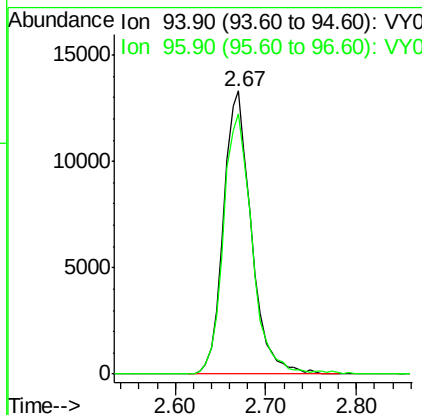
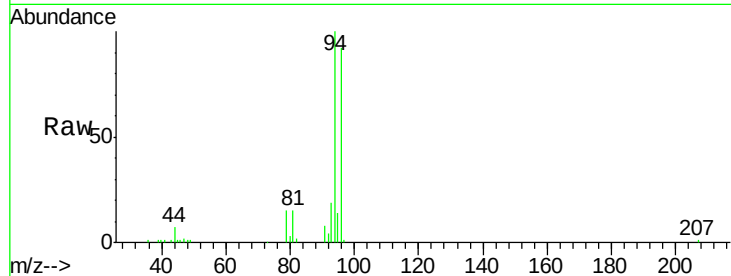
Ion Ratio Lower Upper

94 100

96 91.9 74.1 111.1

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#6

Chloroethane

Concen: 20.403 ug/l

RT: 2.82 min Scan# 177

Delta R.T. 0.01 min

Lab File: VY002124.D

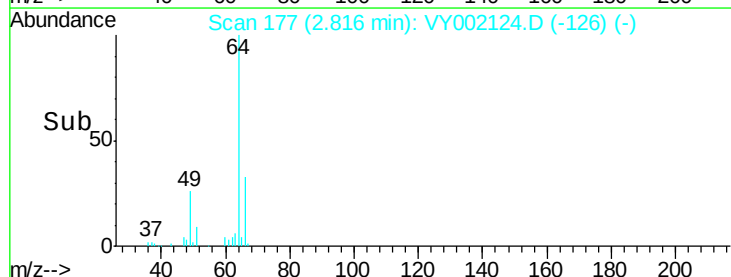
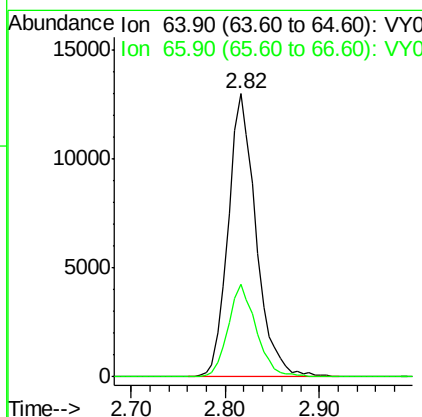
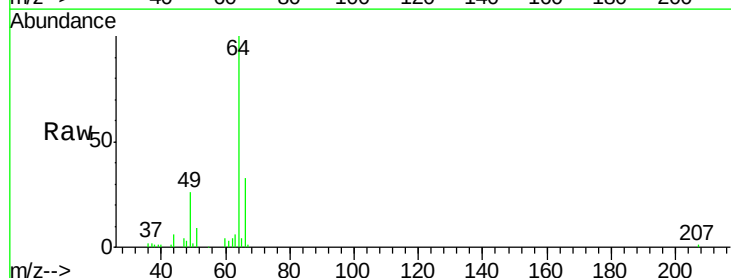
Acq: 31 Mar 2020 11:54

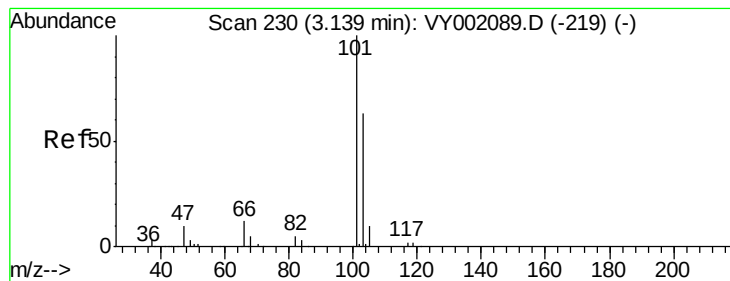
Tgt Ion: 64 Resp: 26781

Ion Ratio Lower Upper

64 100

66 32.7 26.6 39.8





#7

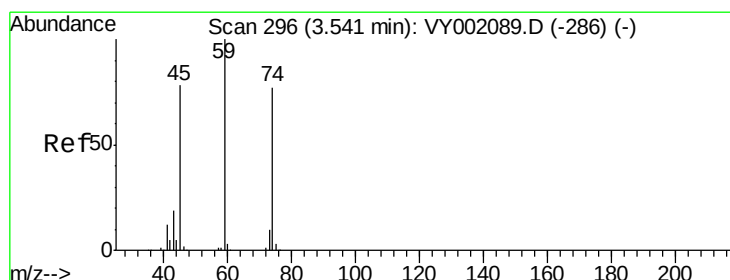
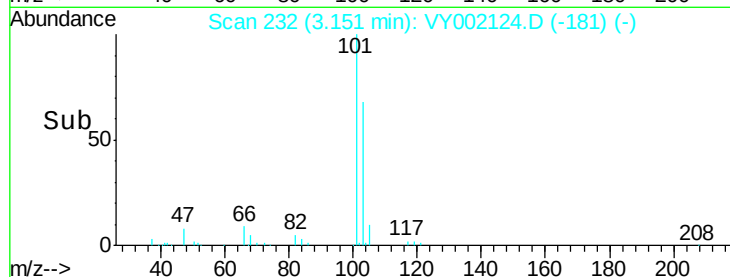
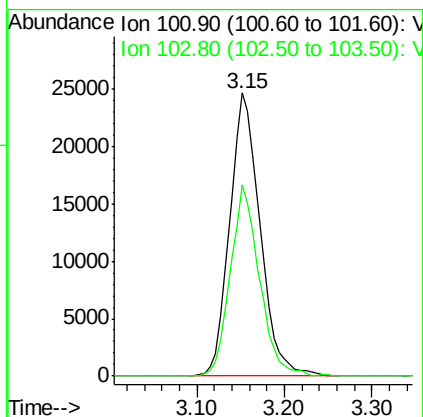
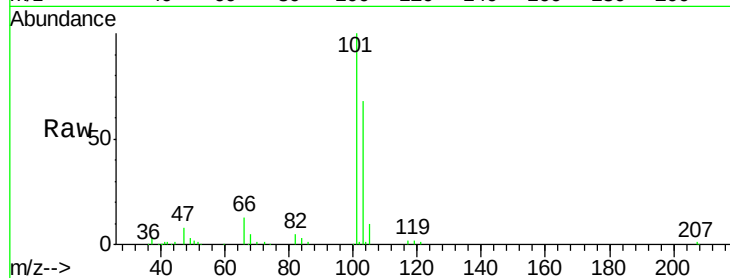
Trichlorofluoromethane
 Concen: 21.264 ug/l
 RT: 3.15 min Scan# 232
 Delta R.T. 0.01 min
 Lab File: VY002124.D
 Acq: 31 Mar 2020 11:54

Instrument :
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 ClientSampleId :
 VY0331SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	67.5	50.6	76.0

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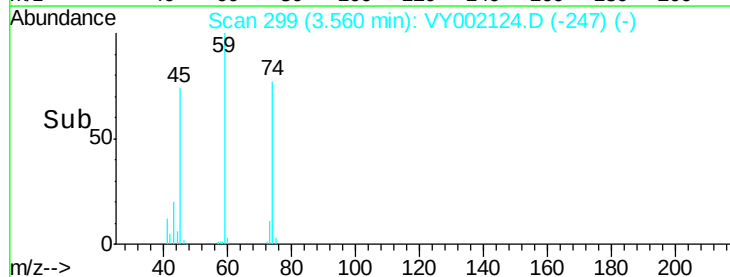
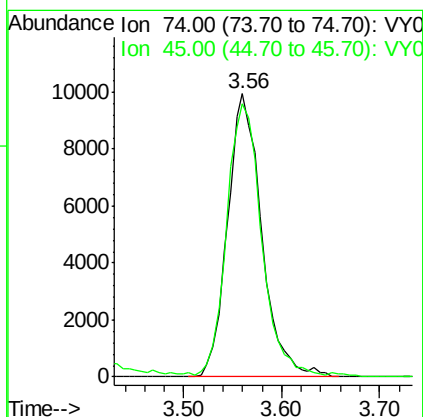
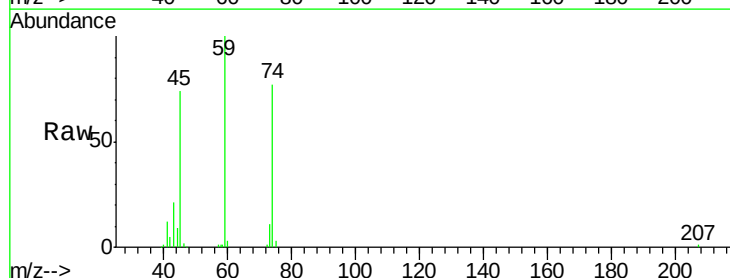
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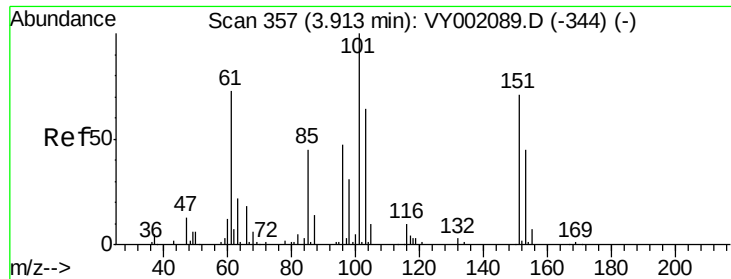


#8

Diethyl Ether
 Concen: 20.258 ug/l
 RT: 3.56 min Scan# 299
 Delta R.T. 0.02 min
 Lab File: VY002124.D
 Acq: 31 Mar 2020 11:54

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.3	51.0	153.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.186 ug/l

RT: 3.94 min Scan# 361

Delta R.T. 0.02 min

Lab File: VY002124.D

Acq: 31 Mar 2020 11:54

Instrument :

MSVOA_Y

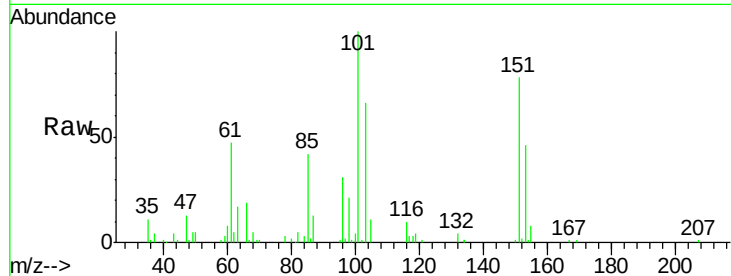
ClientSampleId :

VY0331SBS01

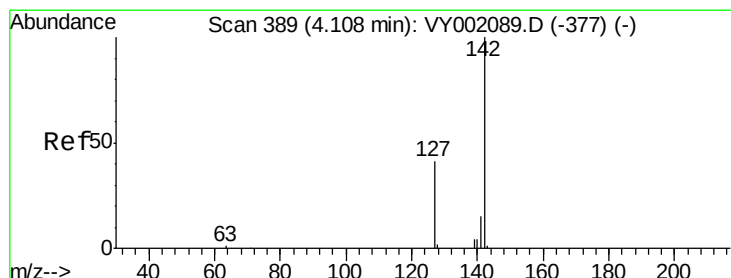
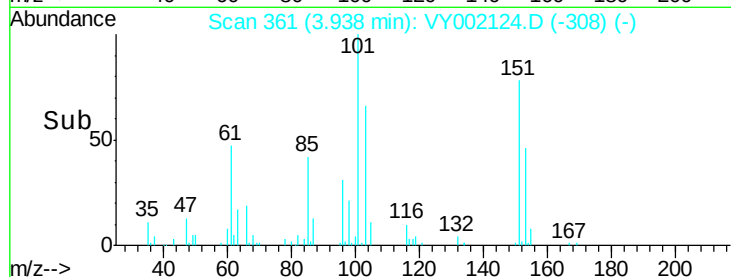
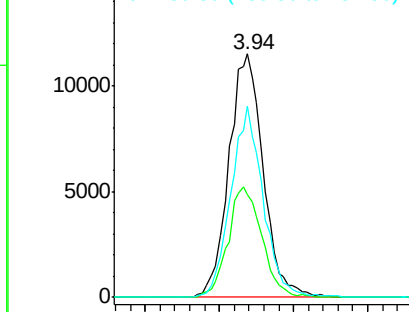
Tot Ion:	101	Resp:	37100
Ion Ratio	Lower	Upper	
101	100		
85	44.7	35.9	53.9
151	73.7	57.5	86.3

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



#10

Methyl Iodide

Concen: 18.385 ug/l

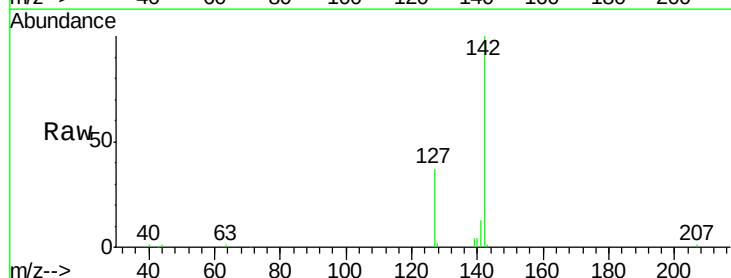
RT: 4.13 min Scan# 392

Delta R.T. 0.02 min

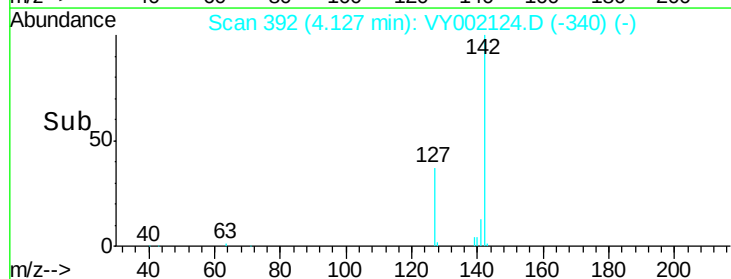
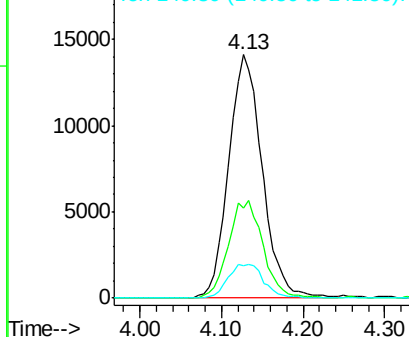
Lab File: VY002124.D

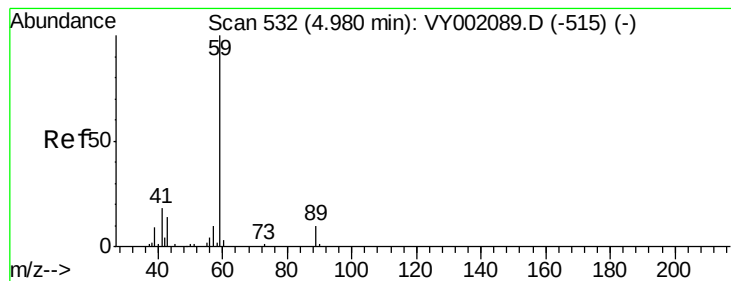
Acq: 31 Mar 2020 11:54

Tgt Ion:	142	Resp:	40179
Ion Ratio	Lower	Upper	
142	100		
127	41.0	32.6	49.0
141	14.7	11.4	17.0



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





#11

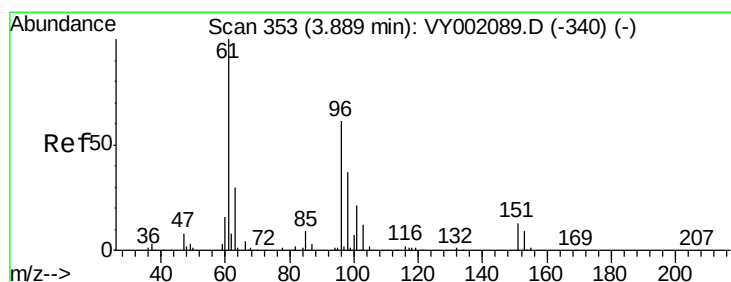
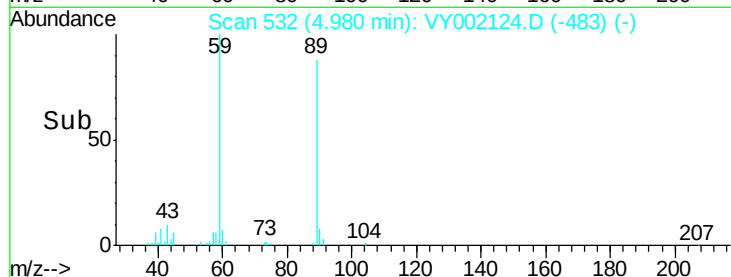
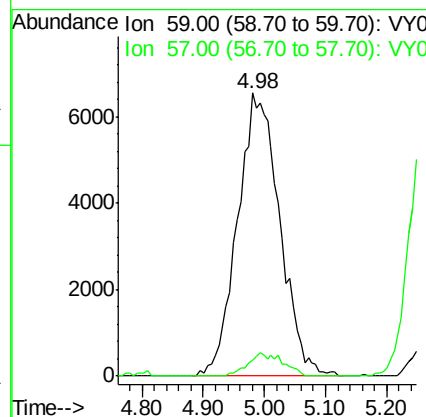
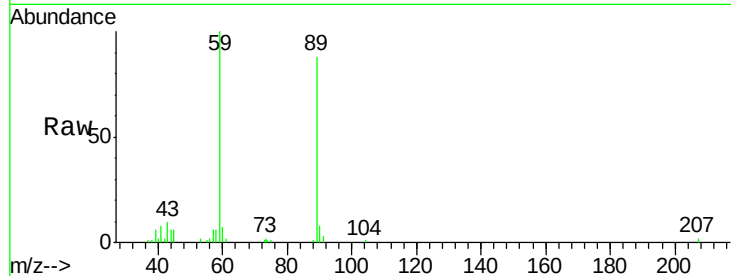
Tert butyl alcohol
Concen: 139.516 ug/l
RT: 4.98 min Scan# 532
Delta R.T. 0.00 min
Lab File: VY002124.D
Acq: 31 Mar 2020 11:54

Instrument :
MSVOA_Y
ClientSampleId :
VY0331SBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	3.8	7.7	11.5#

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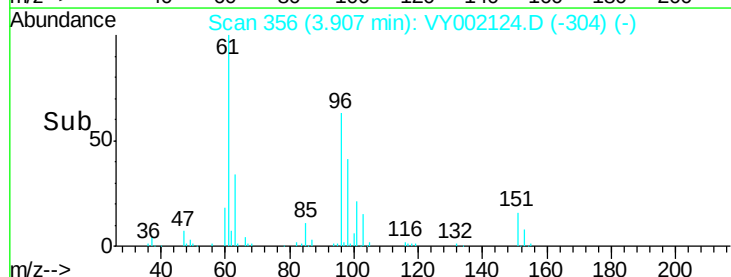
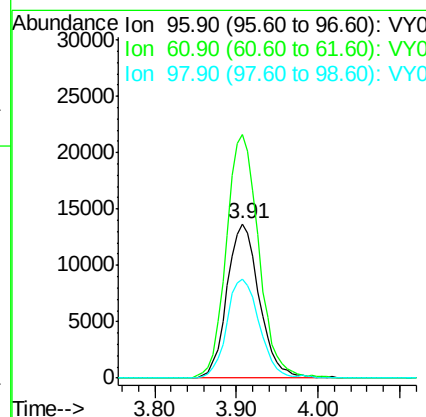
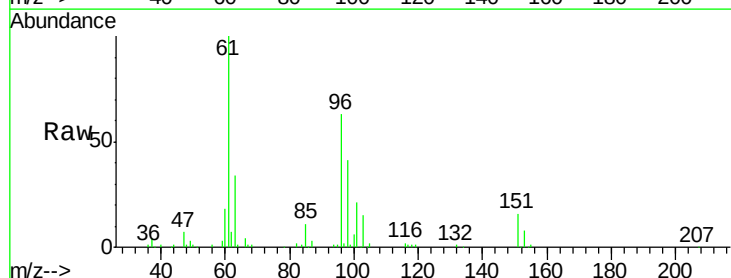
MMDadoda
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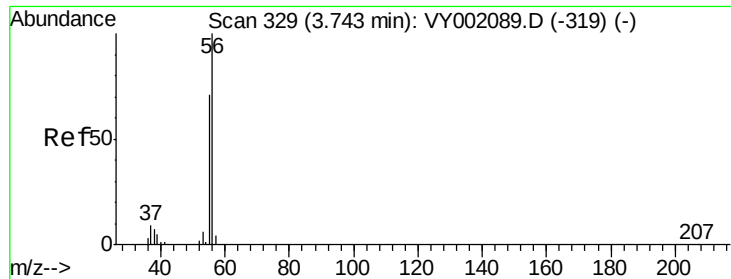


#12

1,1-Dichloroethene
Concen: 20.066 ug/l
RT: 3.91 min Scan# 356
Delta R.T. 0.02 min
Lab File: VY002124.D
Acq: 31 Mar 2020 11:54

Tgt Ion	Ratio	Lower	Upper
96	100		
61	157.2	132.0	198.0
98	64.1	49.4	74.0





#13

Acrolein

Concen: 88.041 ug/l

RT: 3.76 min Scan# 332

Delta R.T. 0.02 min

Lab File: VY002124.D

Acq: 31 Mar 2020 11:54

Instrument :

MSVOA_Y

ClientSampleId :

VY0331SBS01

Tot Ion: 56 Resp: 24655

Ion Ratio Lower Upper

56 100

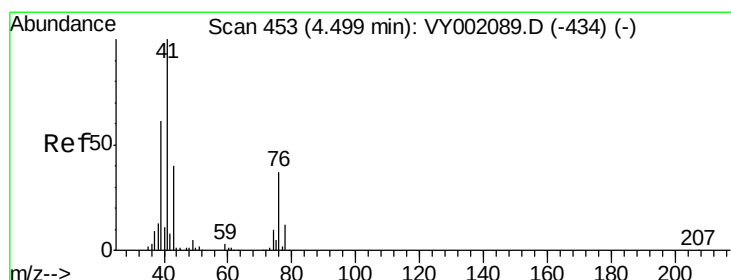
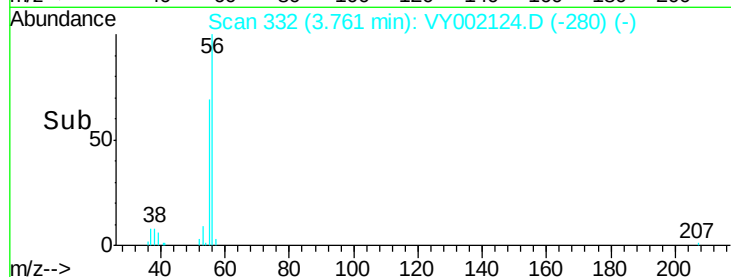
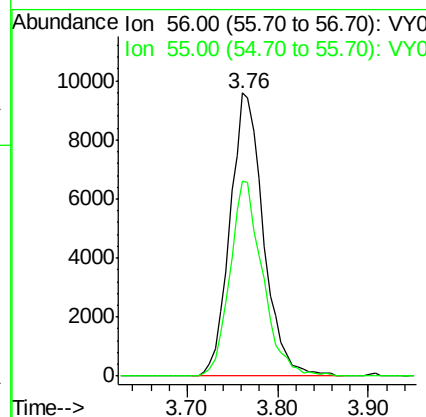
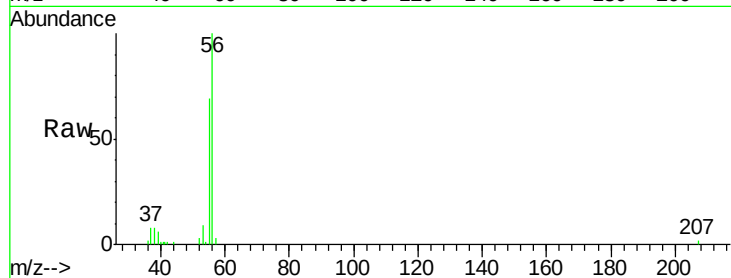
55 67.4 56.5 84.7

Manual Integrations

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#14

Allyl chloride

Concen: 19.976 ug/l

RT: 4.52 min Scan# 457

Delta R.T. 0.02 min

Lab File: VY002124.D

Acq: 31 Mar 2020 11:54

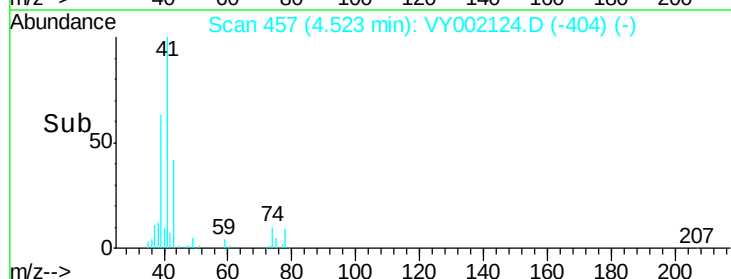
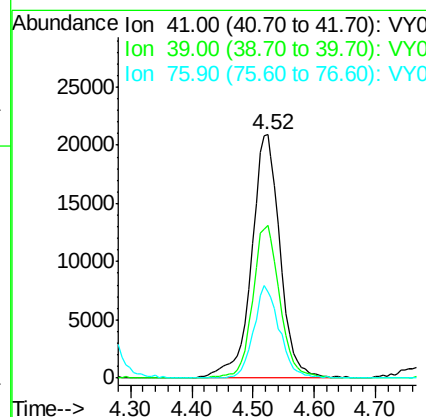
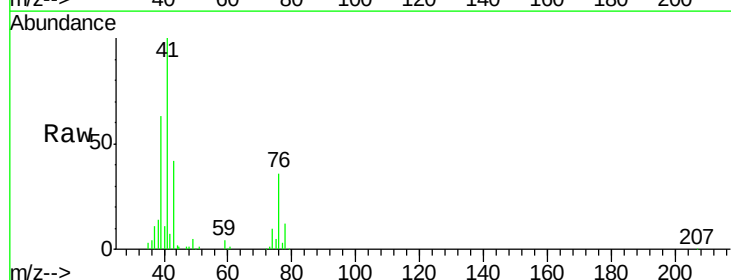
Tgt Ion: 41 Resp: 68247

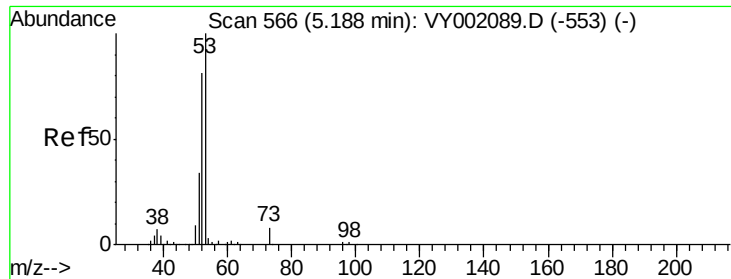
Ion Ratio Lower Upper

41 100

39 59.8 49.0 73.4

76 34.6 27.8 41.8





#15

Acrylonitrile

Concen: 100.358 ug/l

RT: 5.21 min Scan# 570

Delta R.T. 0.02 min

Lab File: VY002124.D

Acq: 31 Mar 2020 11:54

Instrument :

MSVOA_Y

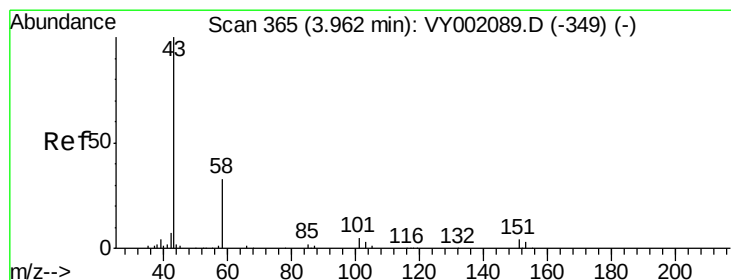
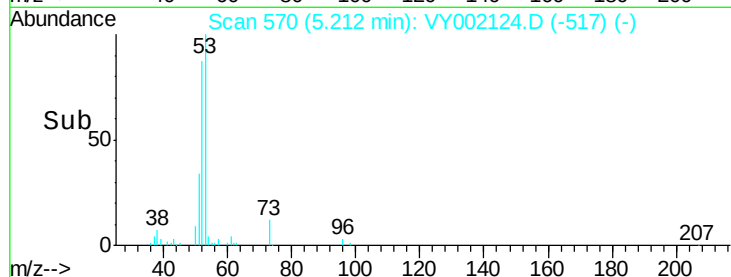
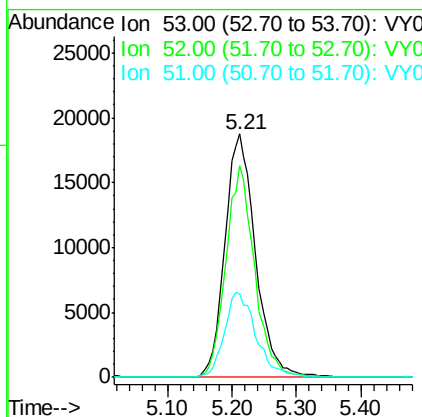
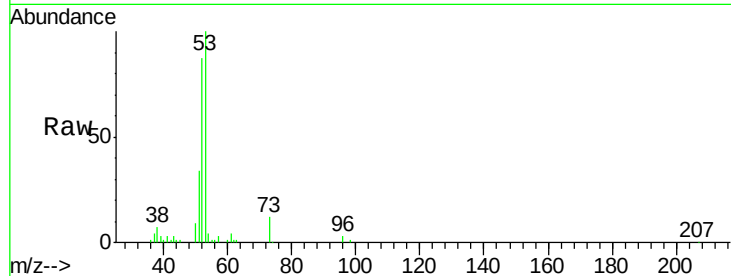
ClientSampleId :

VY0331SBS01

Tot Ion:	53	Resp:	62411
Ion	Ratio	Lower	Upper
53	100		
52	81.7	64.6	97.0
51	35.9	27.9	41.9

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#16

Acetone

Concen: 95.723 ug/l

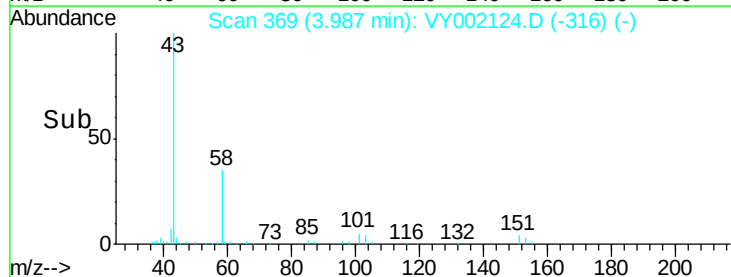
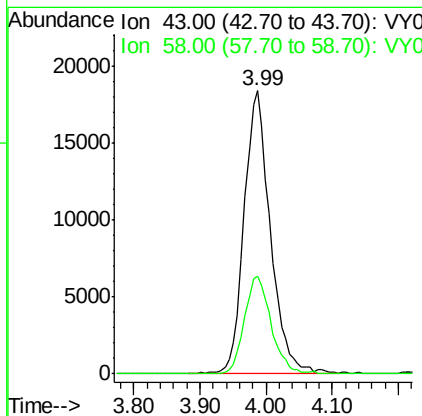
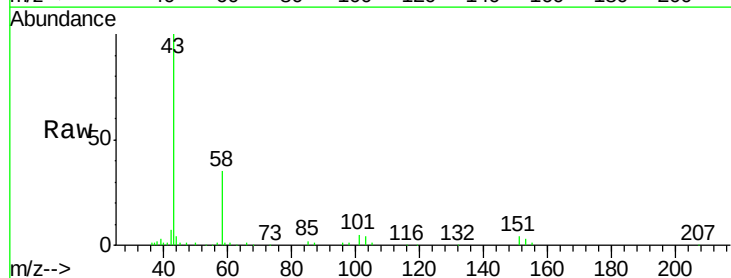
RT: 3.99 min Scan# 369

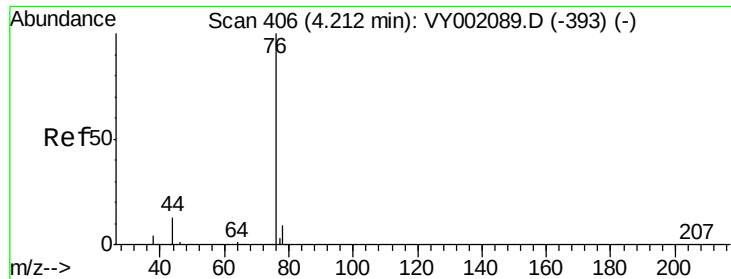
Delta R.T. 0.02 min

Lab File: VY002124.D

Acq: 31 Mar 2020 11:54

Tgt Ion:	43	Resp:	51133
Ion	Ratio	Lower	Upper
43	100		
58	34.7	26.3	39.5





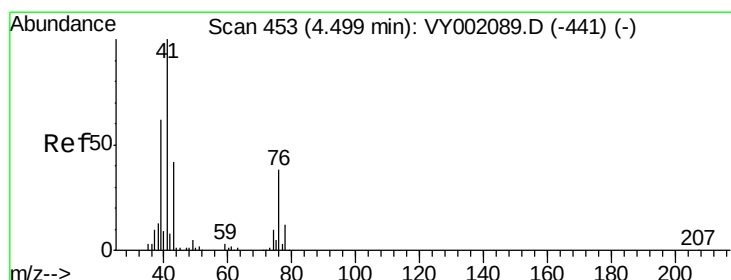
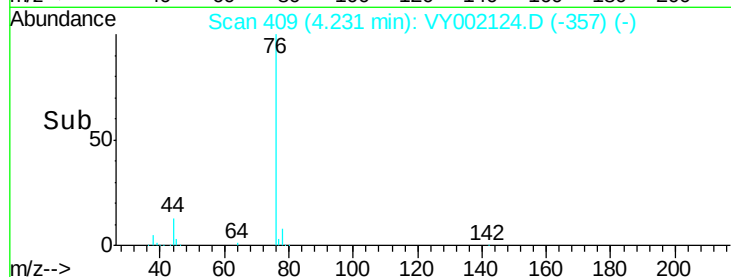
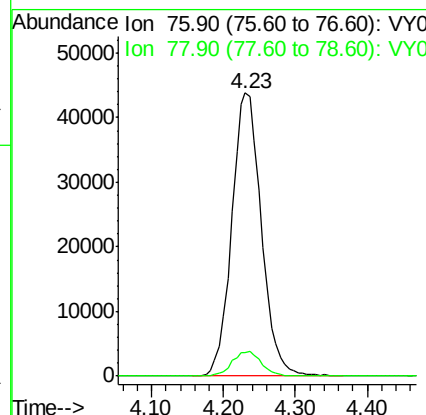
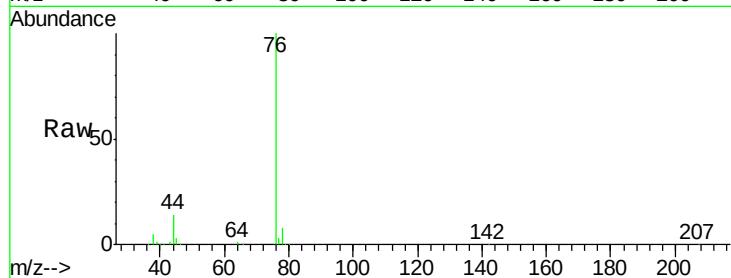
#17
Carbon Disulfide
Concen: 20.160 ug/l
RT: 4.23 min Scan# 409
Delta R.T. 0.02 min
Lab File: VY002124.D
Acq: 31 Mar 2020 11:54

Instrument :
MSVOA_Y
ClientSampleId :
VY0331SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.3	7.3	10.9

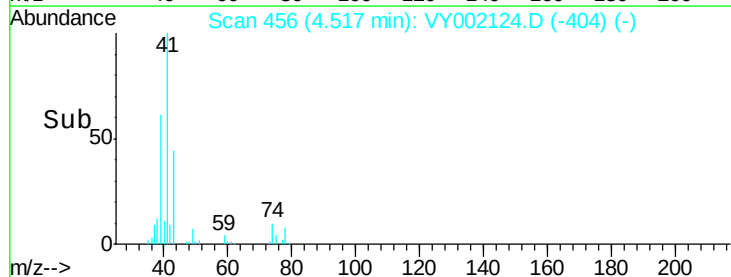
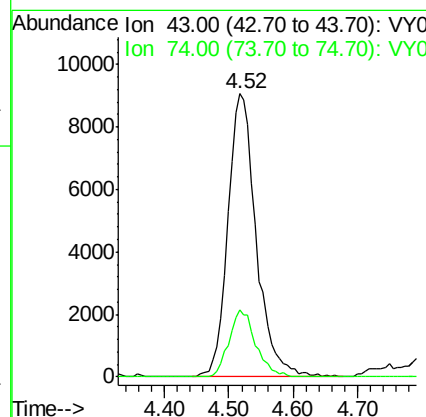
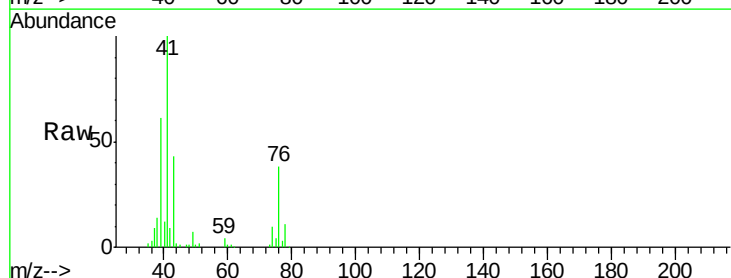
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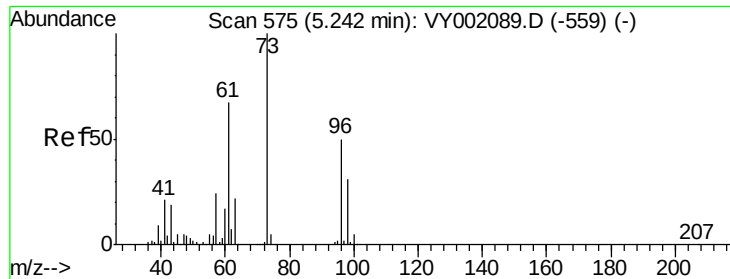
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#18
Methyl Acetate
Concen: 20.215 ug/l
RT: 4.52 min Scan# 456
Delta R.T. 0.02 min
Lab File: VY002124.D
Acq: 31 Mar 2020 11:54

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.2	18.3	27.5





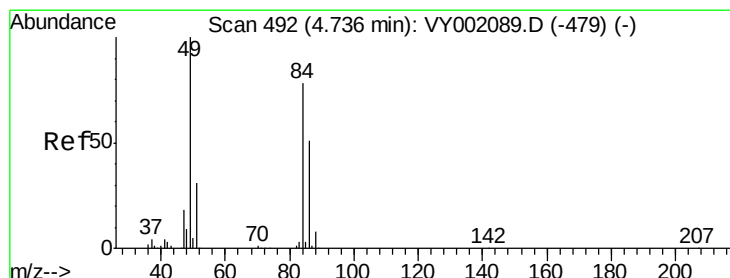
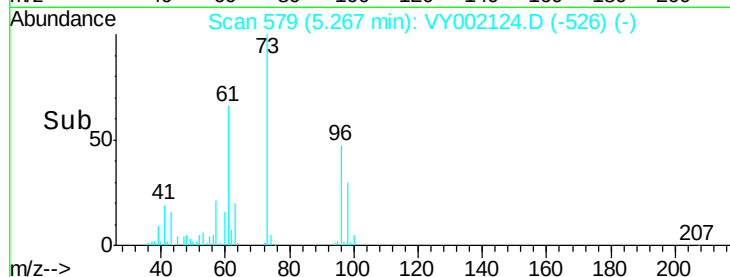
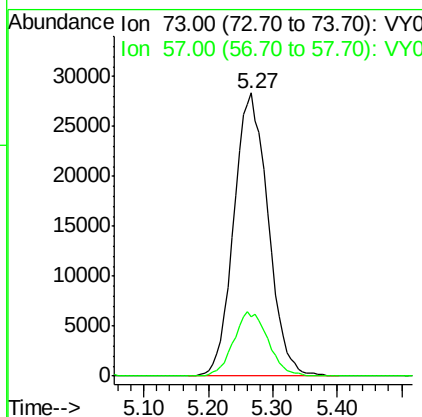
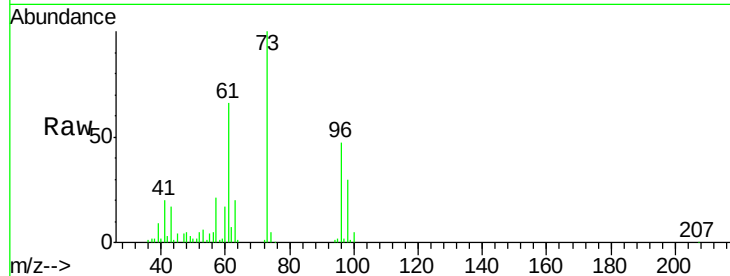
#19
Methyl tert-butyl Ether
Concen: 20.029 ug/l
RT: 5.27 min Scan# 579
Delta R.T. 0.02 min
Lab File: VY002124.D
Acq: 31 Mar 2020 11:54

Instrument :
MSVOA_Y
ClientSampleId :
VY0331SBS01

Tot Ion: 73 Resp: 104277
Ion Ratio Lower Upper
73 100
57 21.1 19.0 28.6

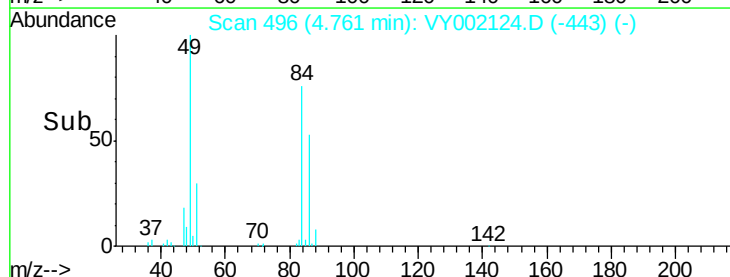
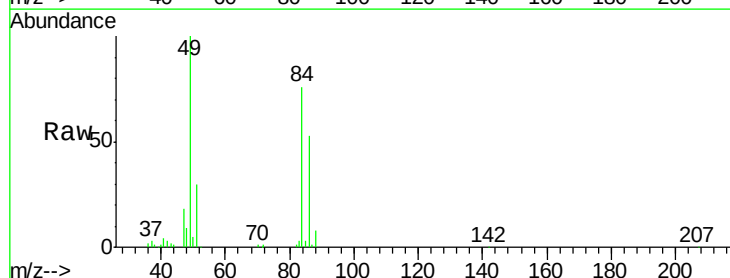
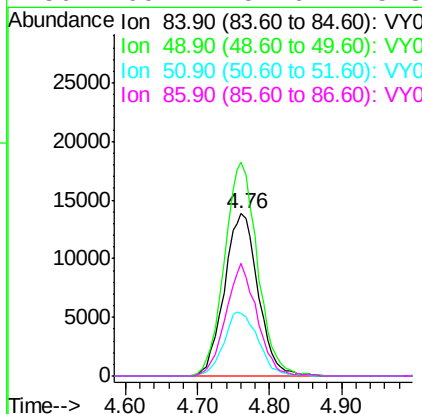
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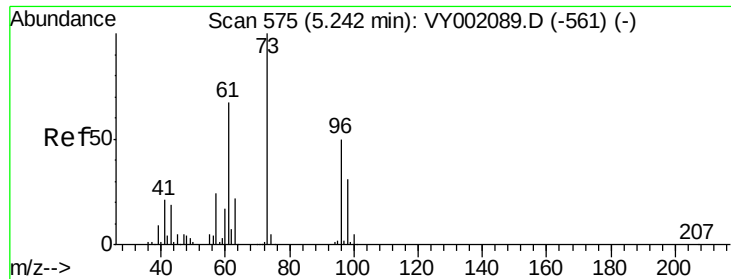
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#20
Methylene Chloride
Concen: 16.963 ug/l
RT: 4.76 min Scan# 496
Delta R.T. 0.02 min
Lab File: VY002124.D
Acq: 31 Mar 2020 11:54

Tgt Ion: 84 Resp: 45000
Ion Ratio Lower Upper
84 100
49 131.7 102.2 153.4
51 39.1 31.2 46.8
86 69.2 52.6 78.8





#21

trans-1,2-Dichloroethene

Concen: 19.930 ug/l

RT: 5.26 min Scan# 578

Delta R.T. 0.02 min

Lab File: VY002124.D

Acq: 31 Mar 2020 11:54

Instrument :

MSVOA_Y

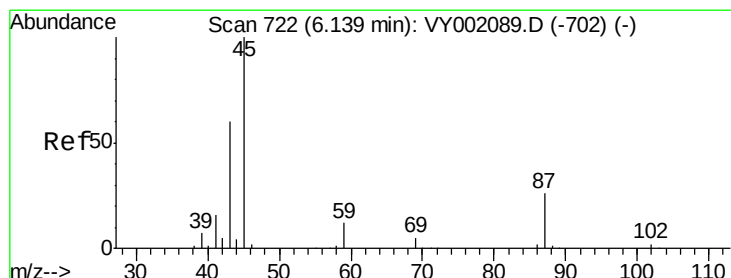
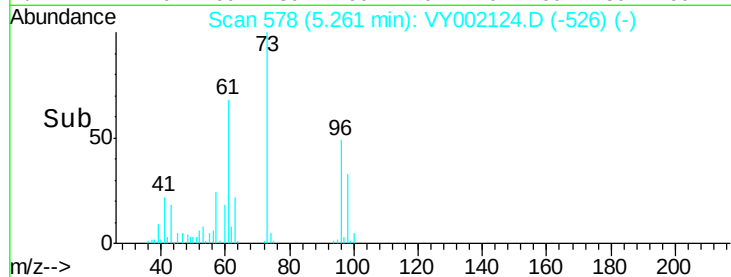
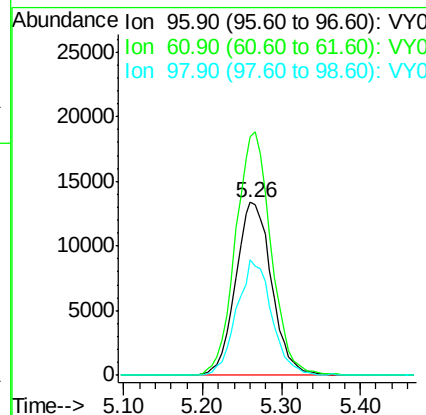
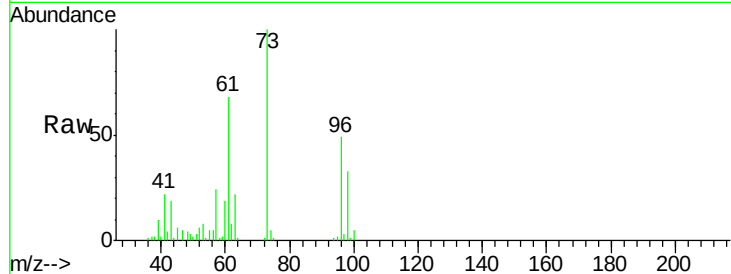
ClientSampleId :

VY0331SBS01

Tot Ion:	96	Resp:	42350
Ion	Ratio	Lower	Upper
96	100		
61	137.9	107.7	161.5
98	66.6	50.5	75.7

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#22

Diisopropyl ether

Concen: 19.713 ug/l

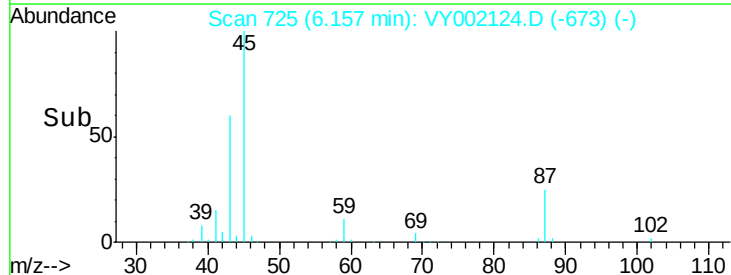
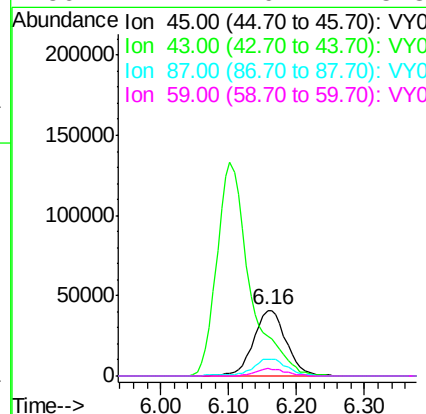
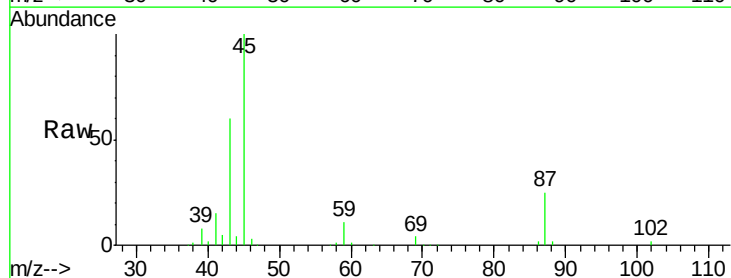
RT: 6.16 min Scan# 725

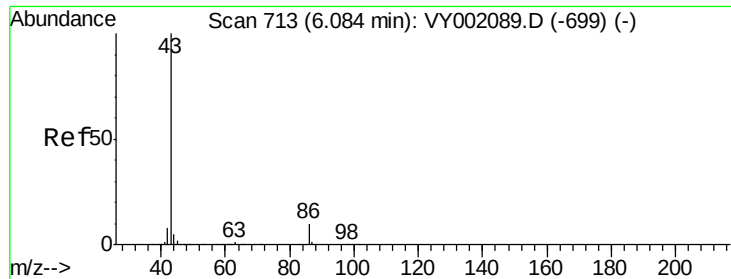
Delta R.T. 0.02 min

Lab File: VY002124.D

Acq: 31 Mar 2020 11:54

Tgt Ion:	45	Resp:	137831
Ion	Ratio	Lower	Upper
45	100		
43	59.5	48.1	72.1
87	25.3	21.1	31.7
59	11.2	9.2	13.8





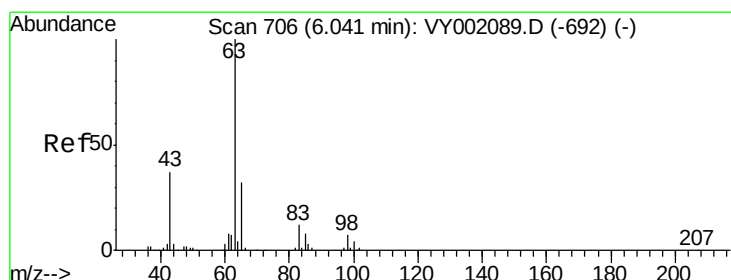
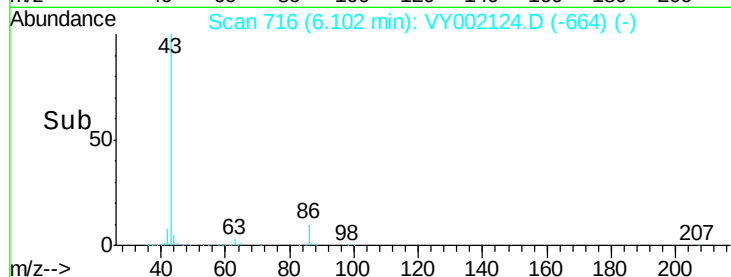
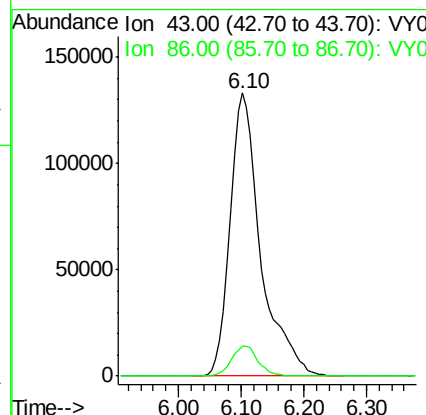
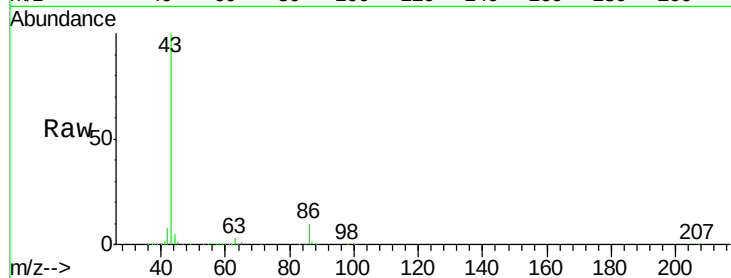
#23
 Vinyl Acetate
 Concen: 98.075 ug/l
 RT: 6.10 min Scan# 716
 Delta R.T. 0.02 min
 Lab File: VY002124.D
 Acq: 31 Mar 2020 11:54

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0331SBS01

Tot Ion: 43 Resp: 449652
 Ion Ratio Lower Upper
 43 100
 86 10.5 7.9 11.9

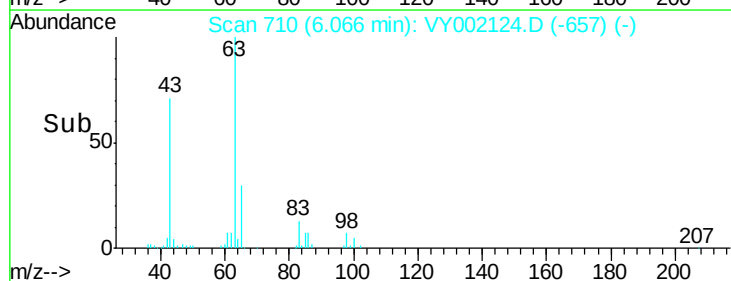
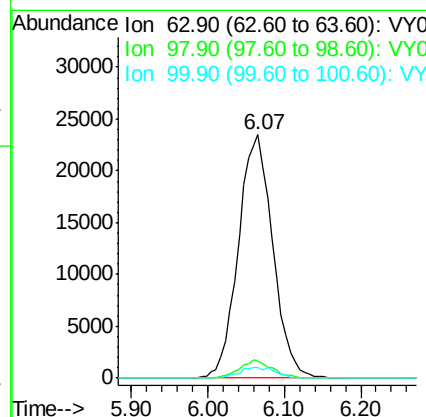
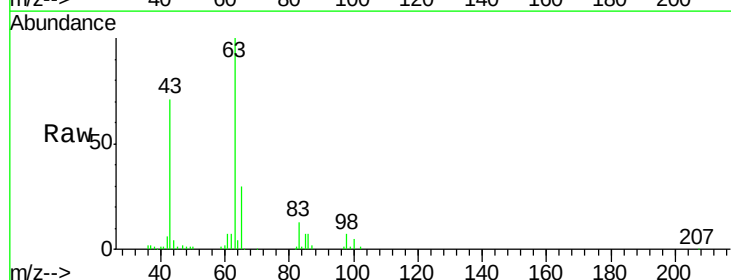
Manual Integrations
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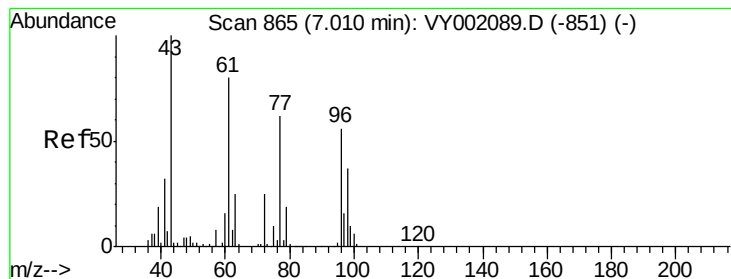
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#24
 1,1-Dichloroethane
 Concen: 19.703 ug/l
 RT: 6.07 min Scan# 710
 Delta R.T. 0.02 min
 Lab File: VY002124.D
 Acq: 31 Mar 2020 11:54

Tgt Ion: 63 Resp: 73245
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.3 9.9
 100 4.6 1.8 5.5





#25

2-Butanone

Concen: 100.982 ug/l

RT: 7.03 min Scan# 868

Delta R.T. 0.02 min

Lab File: VY002124.D

Acq: 31 Mar 2020 11:54

Instrument :

MSVOA_Y

ClientSampleId :

VY0331SBS01

Tot Ion: 43 Resp: 82828

Ion Ratio Lower Upper

43 100

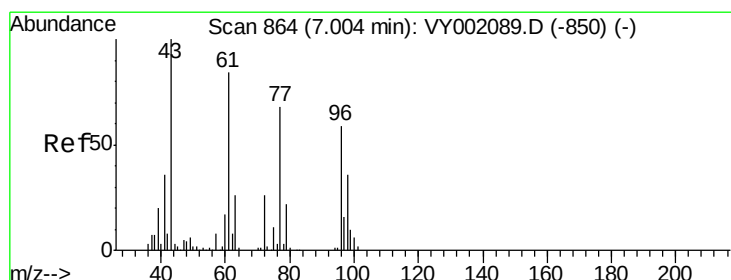
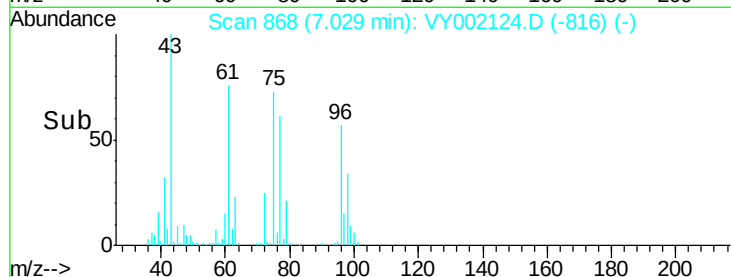
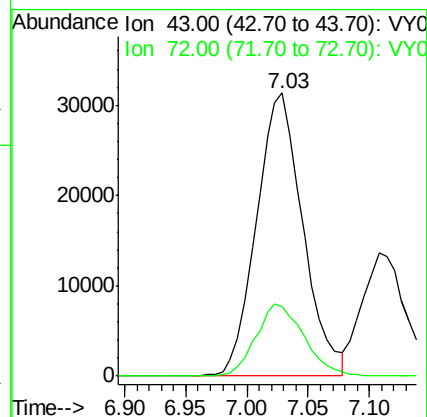
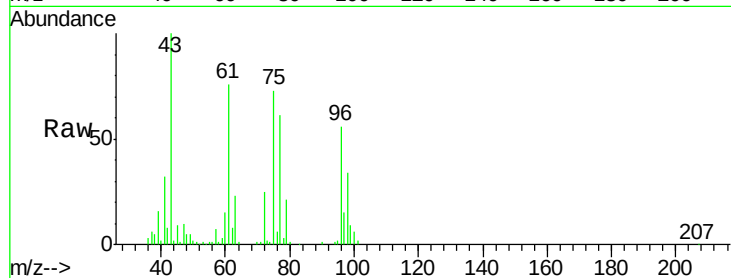
72 24.7 20.2 30.2

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 20.746 ug/l

RT: 7.02 min Scan# 867

Delta R.T. 0.02 min

Lab File: VY002124.D

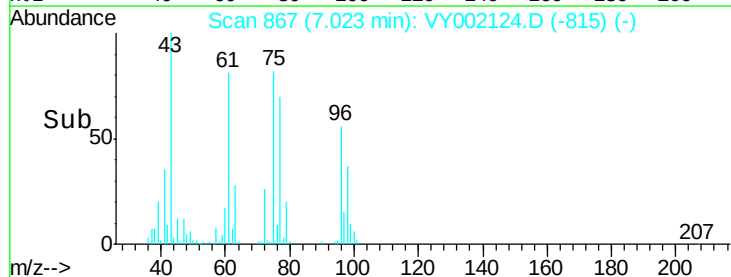
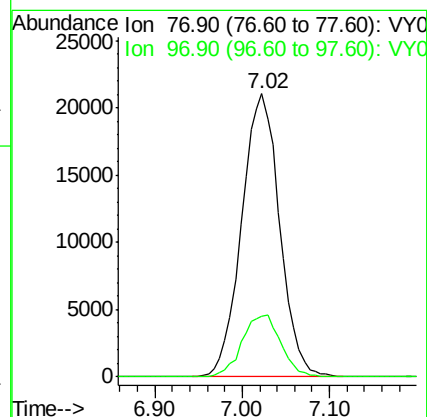
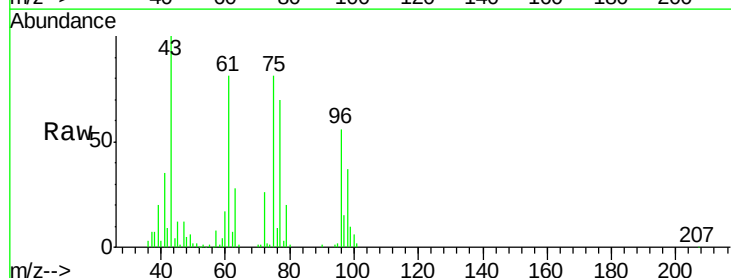
Acq: 31 Mar 2020 11:54

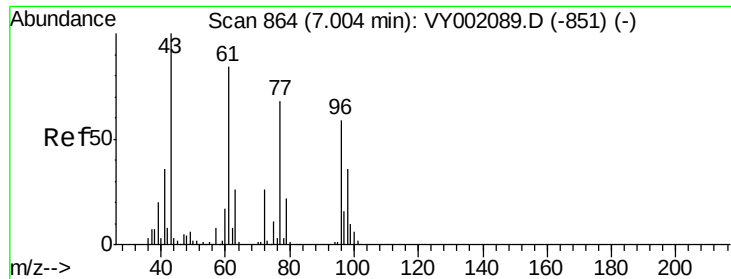
Tgt Ion: 77 Resp: 63519

Ion Ratio Lower Upper

77 100

97 22.2 11.7 35.1





#27

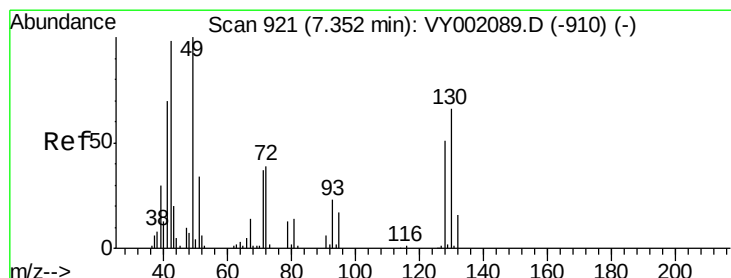
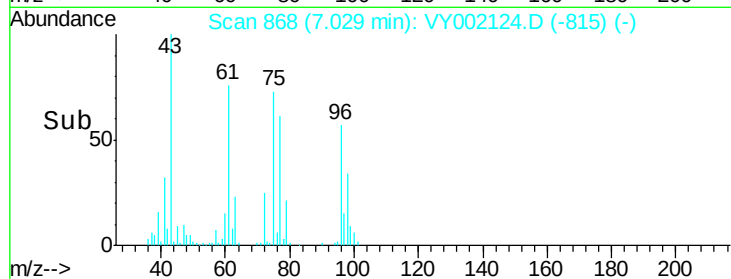
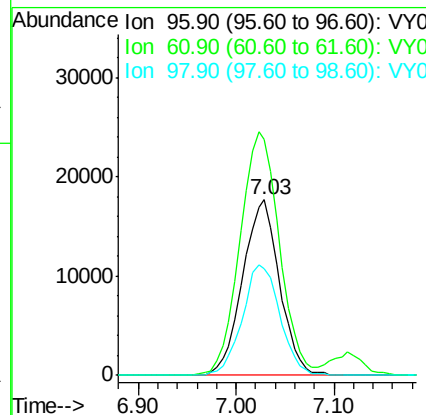
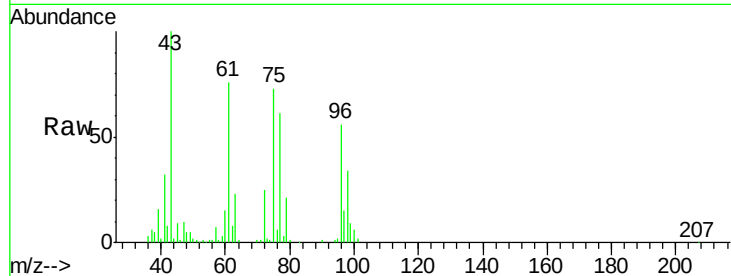
cis-1,2-Dichloroethene
Concen: 19.834 ug/l
RT: 7.03 min Scan# 868
Delta R.T. 0.02 min
Lab File: VY002124.D
Acq: 31 Mar 2020 11:54

Instrument :
MSVOA_Y
ClientSampleId :
VY0331SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	147.2	0.0	290.6
98	64.0	0.0	128.0

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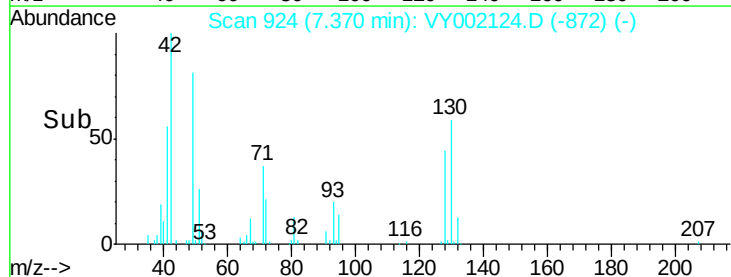
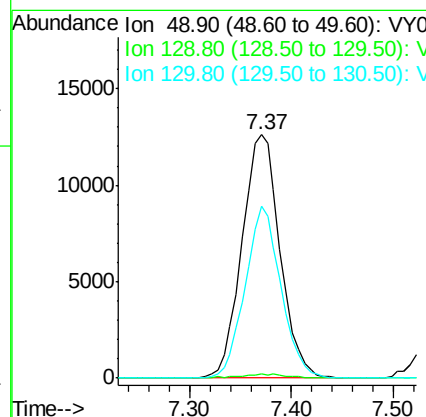
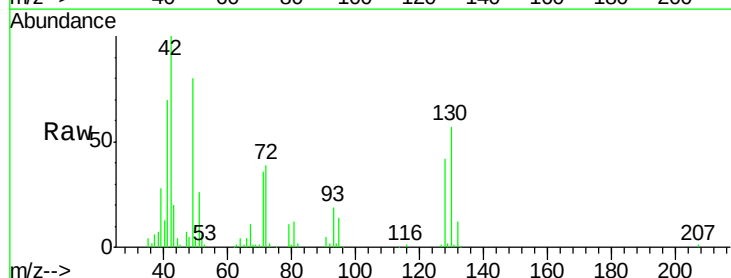
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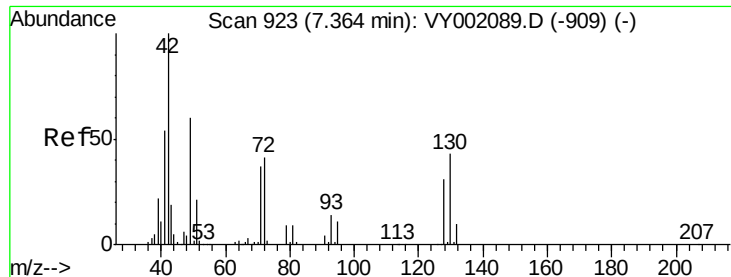


#28

Bromochloromethane
Concen: 19.209 ug/l
RT: 7.37 min Scan# 924
Delta R.T. 0.02 min
Lab File: VY002124.D
Acq: 31 Mar 2020 11:54

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	3.4
130	66.3	54.1	81.1





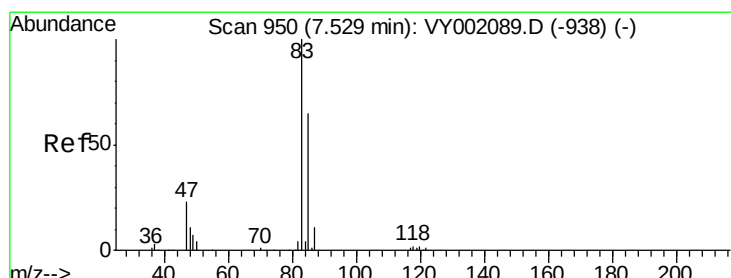
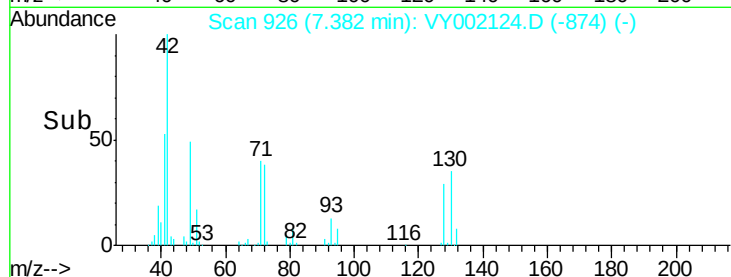
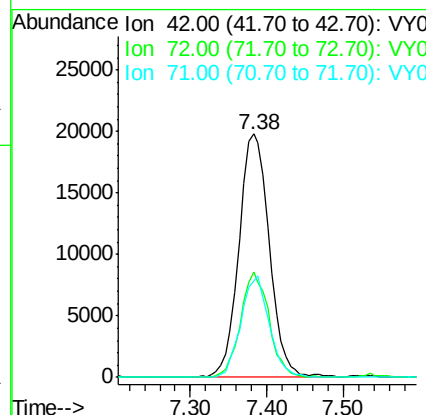
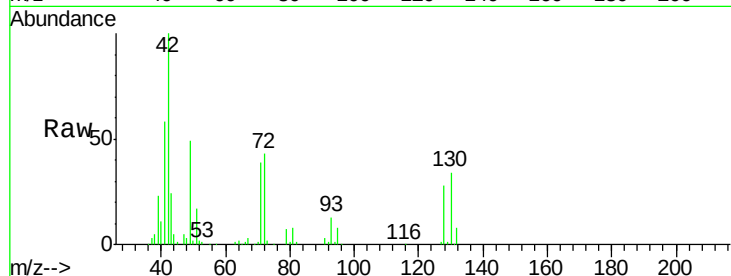
#29
Tetrahydrofuran
Concen: 101.588 ug/l
RT: 7.38 min Scan# 926
Delta R.T. 0.02 min
Lab File: VY002124.D
Acq: 31 Mar 2020 11:54

Instrument :
MSVOA_Y
ClientSampleId :
VY0331SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	40.4	33.0	49.4
71	38.7	31.2	46.8

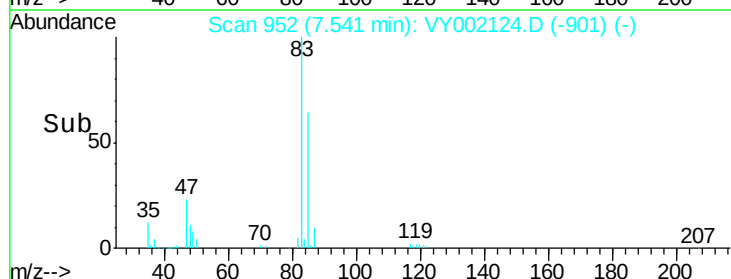
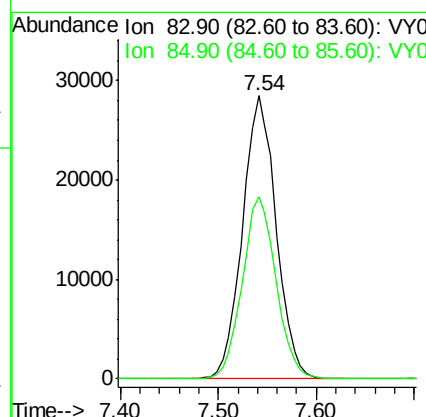
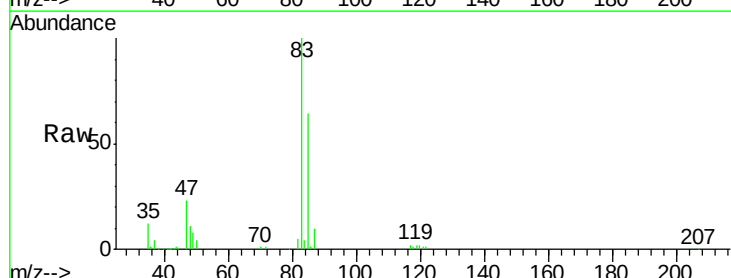
Manual Integrations
APPROVED

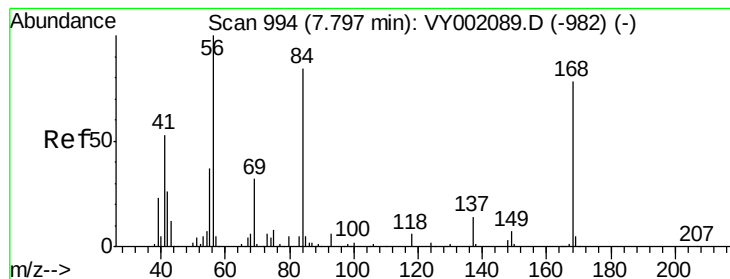
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#30
Chloroform
Concen: 19.247 ug/l
RT: 7.54 min Scan# 952
Delta R.T. 0.01 min
Lab File: VY002124.D
Acq: 31 Mar 2020 11:54

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.5	52.4	78.6





#31

Cyclohexane

Concen: 19.618 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.02 min

Lab File: VY002124.D

Acq: 31 Mar 2020 11:54

Instrument :

MSVOA_Y

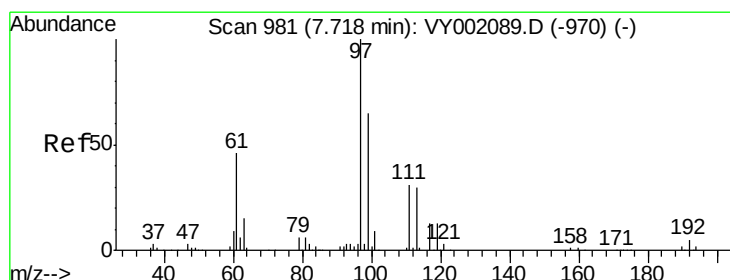
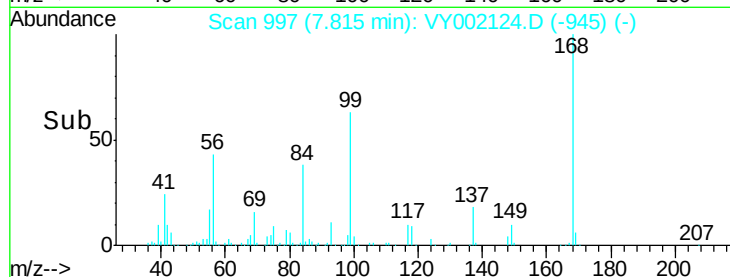
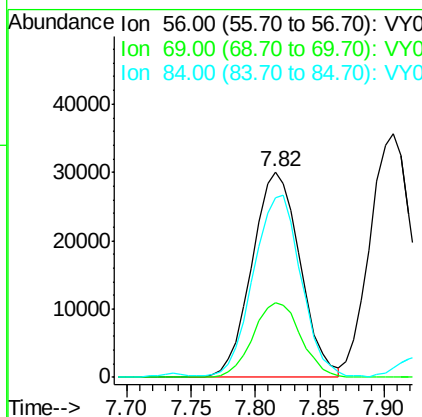
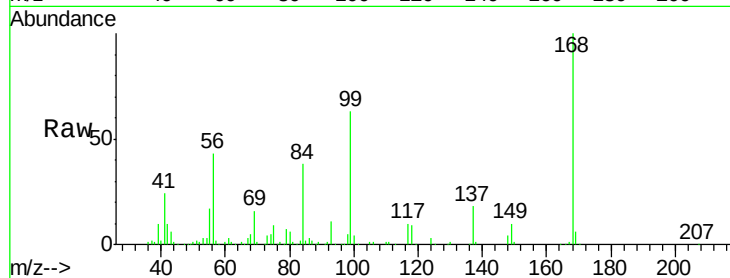
ClientSampleId :

VY0331SBS01

Tot Ion:	56	Resp:	77711
Ion	Ratio	Lower	Upper
56	100		
69	36.4	25.8	38.8
84	86.3	67.1	100.7

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 19.705 ug/l

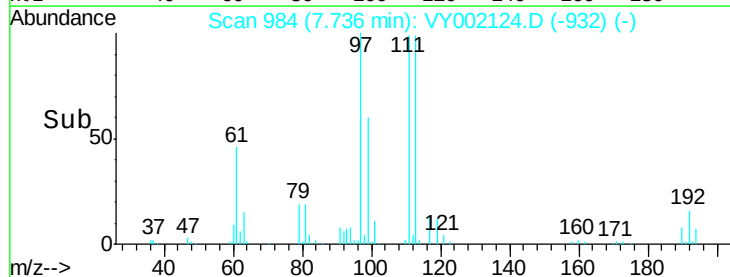
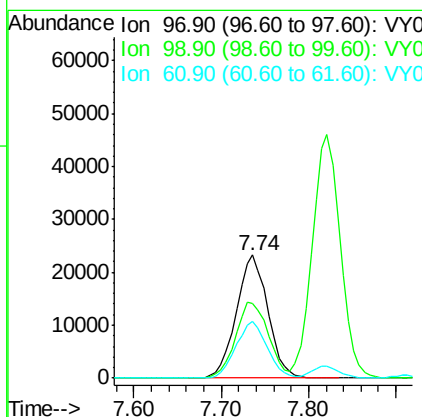
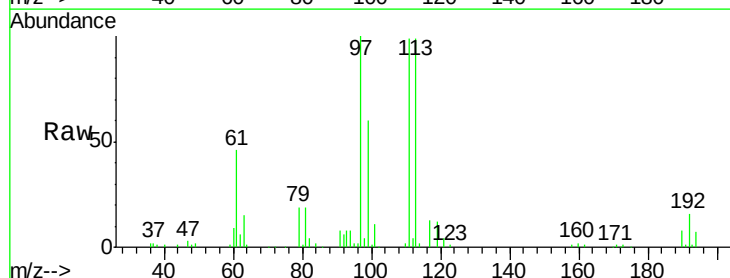
RT: 7.74 min Scan# 984

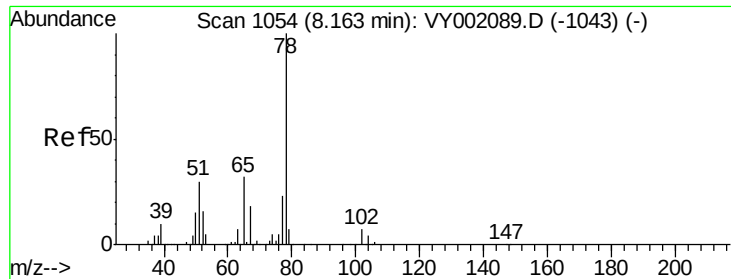
Delta R.T. 0.02 min

Lab File: VY002124.D

Acq: 31 Mar 2020 11:54

Tgt Ion:	97	Resp:	57971
Ion	Ratio	Lower	Upper
97	100		
99	65.0	52.0	78.0
61	45.9	35.7	53.5





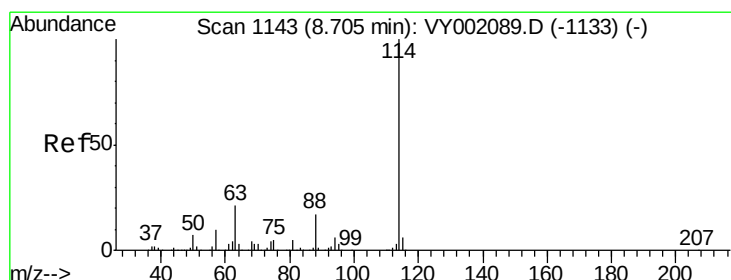
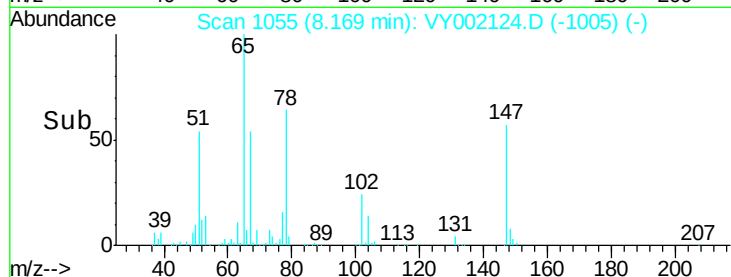
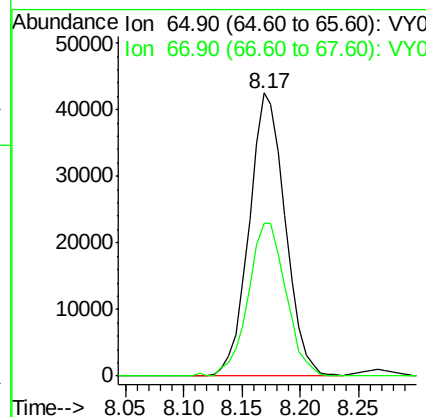
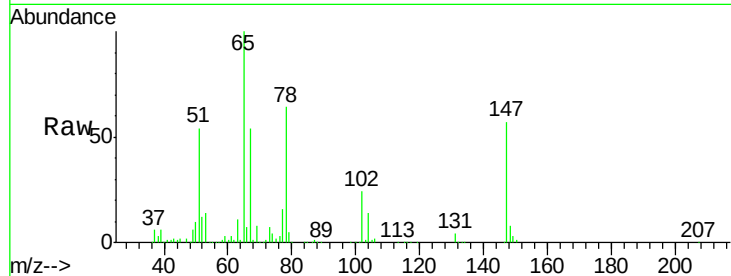
#33
 1,2-Dichloroethane-d4
 Concen: 48.379 ug/l
 RT: 8.17 min Scan# 1055
 Delta R.T. 0.01 min
 Lab File: VY002124.D
 Acq: 31 Mar 2020 11:54

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0331SBS01

Tot Ion	Ratio	Lower	Upper
65	100		
67	56.5	0.0	112.8

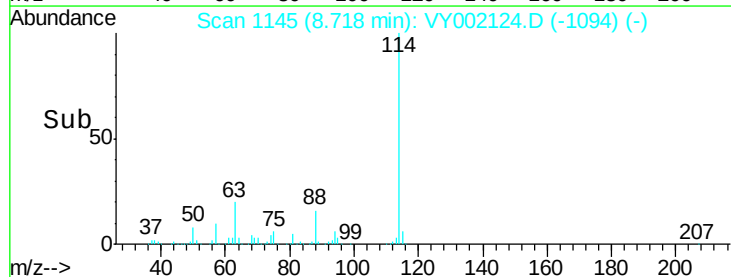
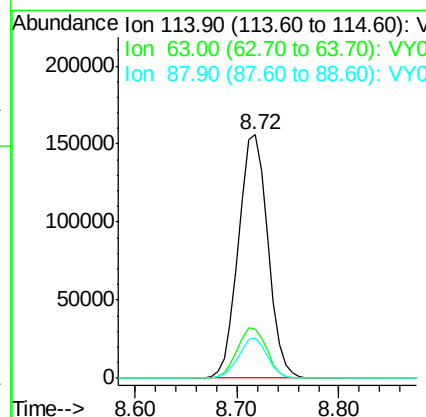
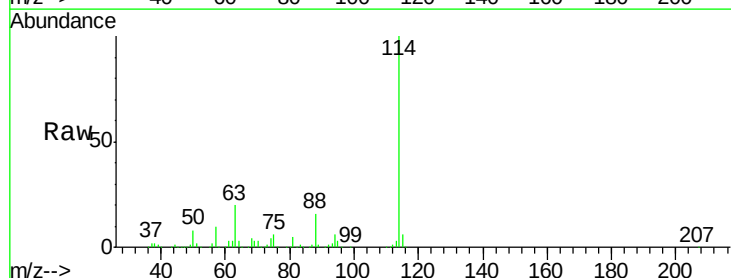
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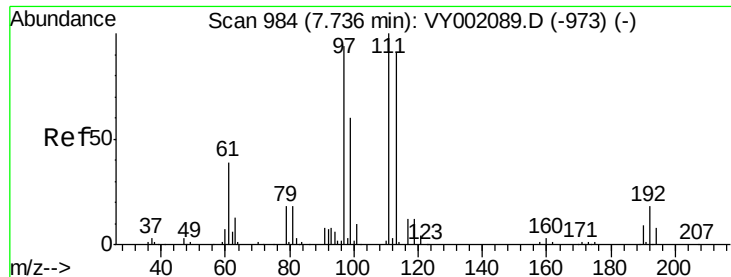
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.72 min Scan# 1145
 Delta R.T. 0.01 min
 Lab File: VY002124.D
 Acq: 31 Mar 2020 11:54

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	41.4
88	16.3	0.0	33.0





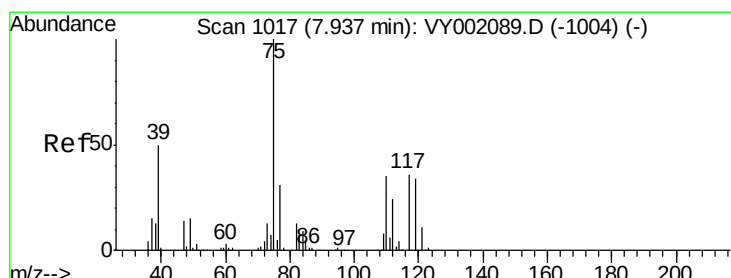
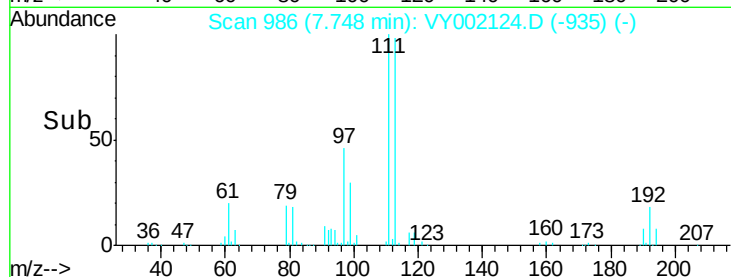
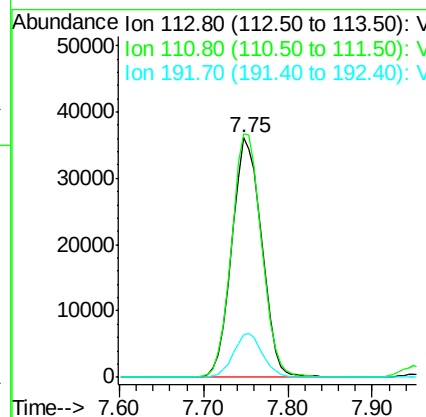
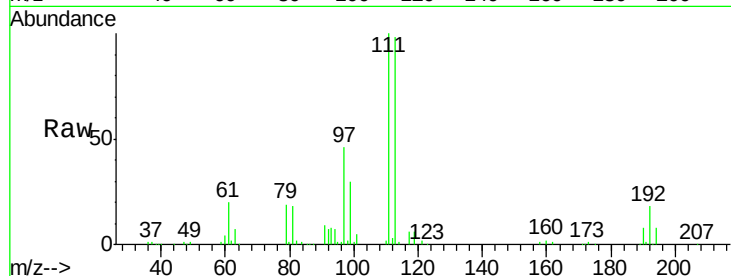
#35
 Dibromofluoromethane
 Concen: 49.753 ug/l
 RT: 7.75 min Scan# 986
 Delta R.T. 0.01 min
 Lab File: VY002124.D
 Acq: 31 Mar 2020 11:54

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0331SBS01

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.8	84.4	126.6
192	17.9	14.6	21.8

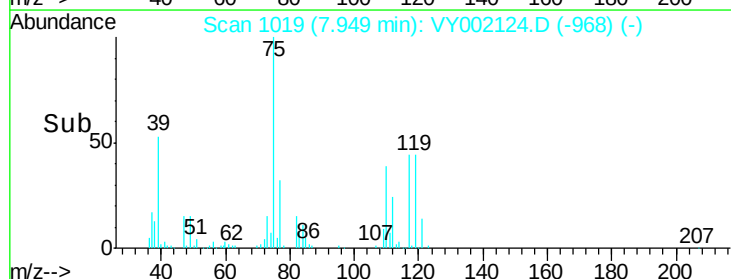
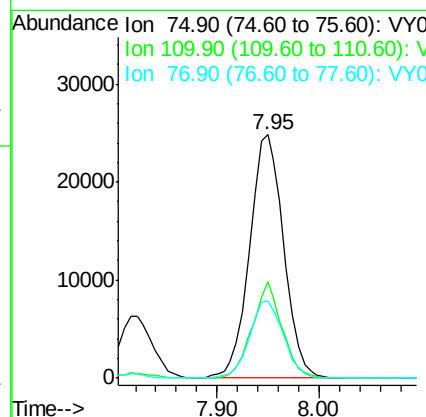
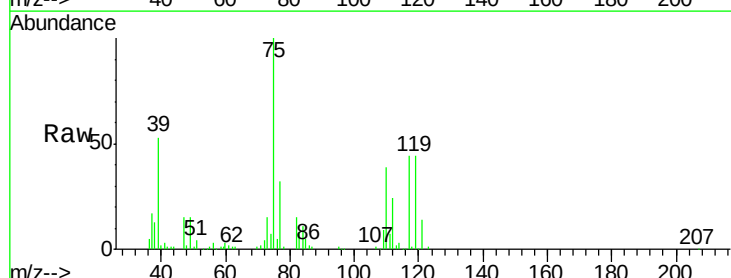
Manual Integrations
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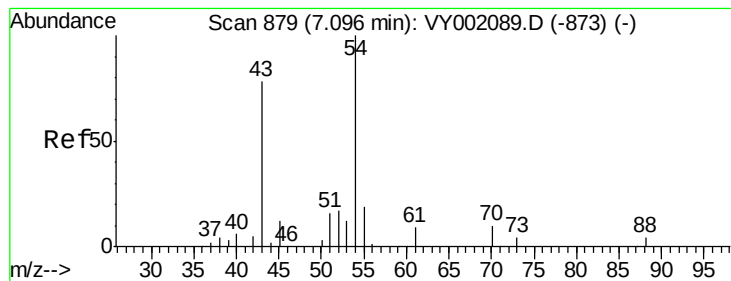
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#36
 1,1-Dichloropropene
 Concen: 19.499 ug/l
 RT: 7.95 min Scan# 1019
 Delta R.T. 0.01 min
 Lab File: VY002124.D
 Acq: 31 Mar 2020 11:54

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.9	17.2	51.6
77	31.8	24.7	37.1





#37

Ethyl Acetate

Concen: 19.516 ug/l

RT: 7.11 min Scan# 881

Delta R.T. 0.01 min

Lab File: VY002124.D

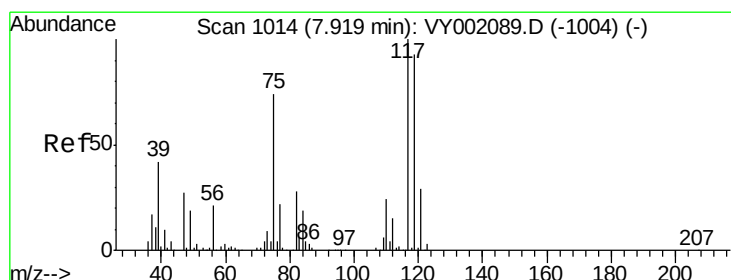
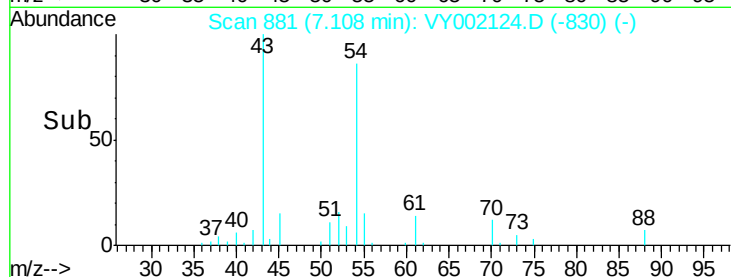
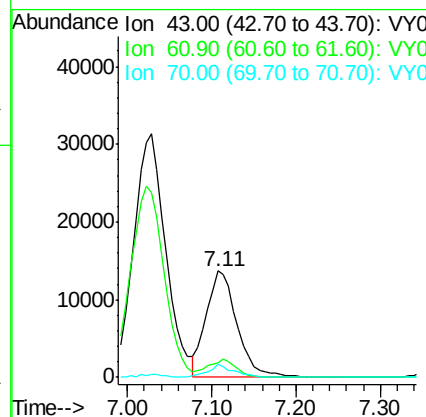
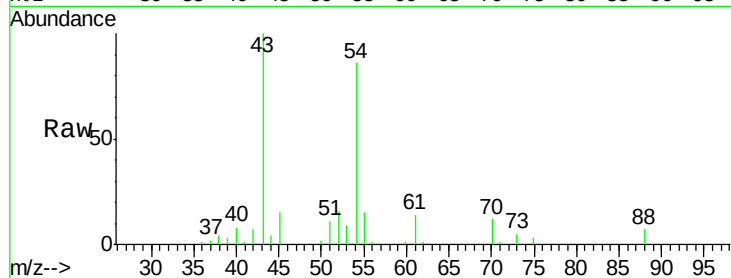
Acq: 31 Mar 2020 11:54

Tot Ion:	43	Resp:	34701
Ion	Ratio	Lower	Upper
43	100		
61	15.0	11.2	16.8
70	10.0	8.2	12.4

Instrument :
MSVOA_Y
ClientSampleId :
VY0331SBS01

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#38

Carbon Tetrachloride

Concen: 20.151 ug/l

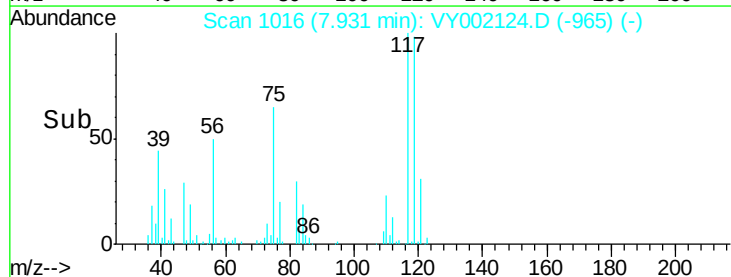
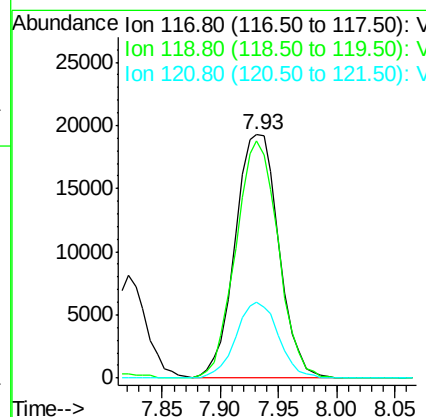
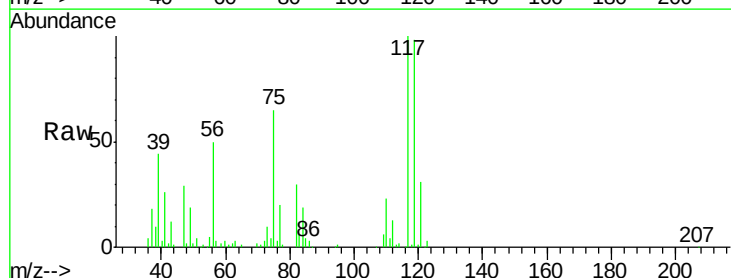
RT: 7.93 min Scan# 1016

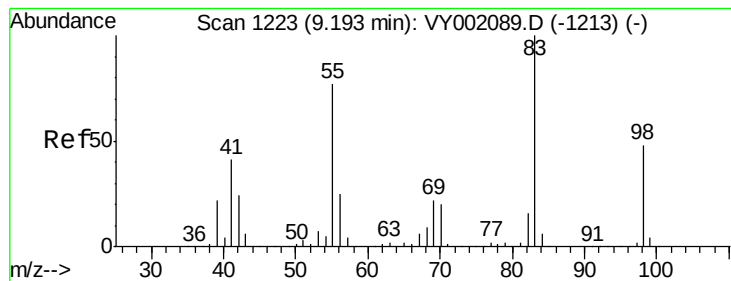
Delta R.T. 0.01 min

Lab File: VY002124.D

Acq: 31 Mar 2020 11:54

Tgt Ion:	117	Resp:	50302
Ion	Ratio	Lower	Upper
117	100		
119	97.6	74.3	111.5
121	31.0	23.3	34.9





#39

Methylvlcyclohexane

Concen: 19.640 ug/l

RT: 9.21 min Scan# 1225

Delta R.T. 0.01 min

Lab File: VY002124.D

Acq: 31 Mar 2020 11:54

Instrument :

MSVOA_Y

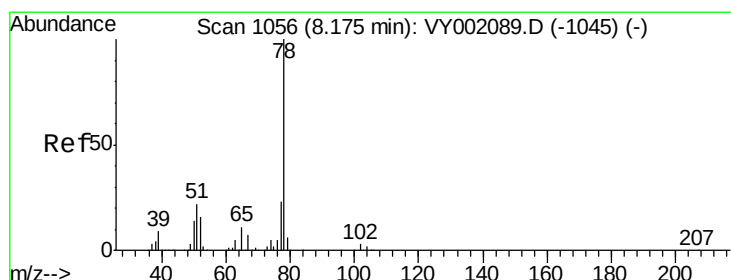
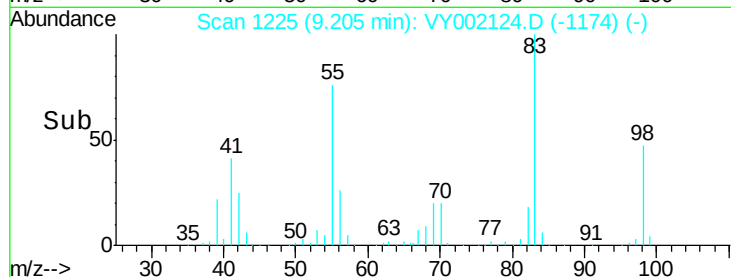
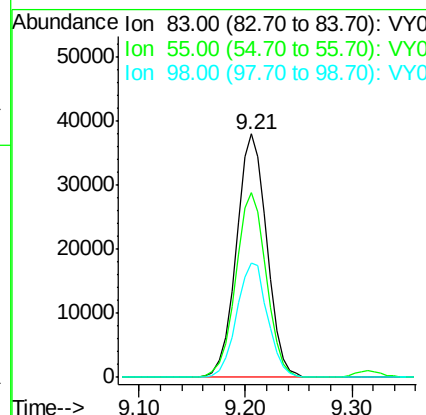
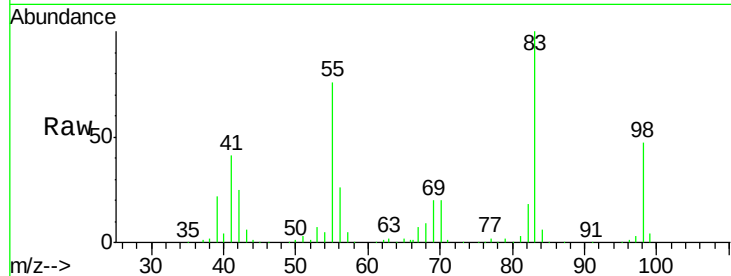
ClientSampleId :

VY0331SBS01

Tot Ion:	83	Resp:	75799
Ion	Ratio	Lower	Upper
83	100		
55	76.0	61.2	91.8
98	46.8	38.2	57.2

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#40

Benzene

Concen: 19.770 ug/l

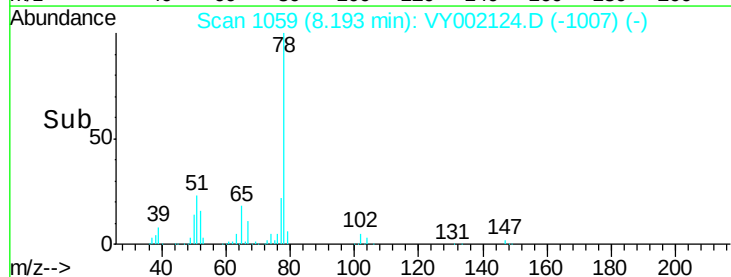
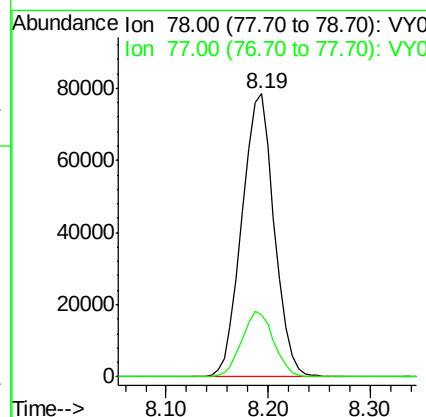
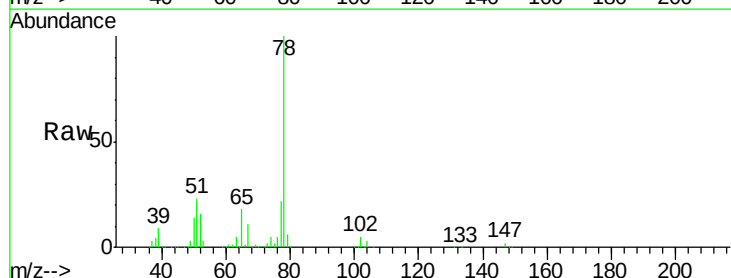
RT: 8.19 min Scan# 1059

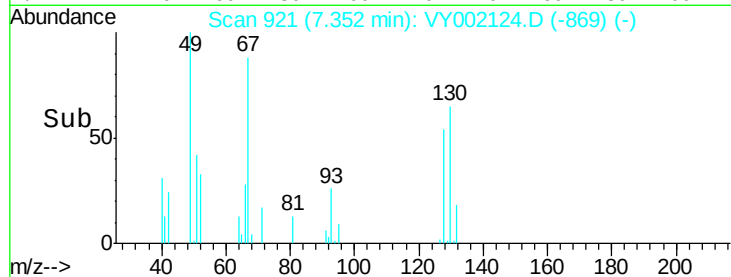
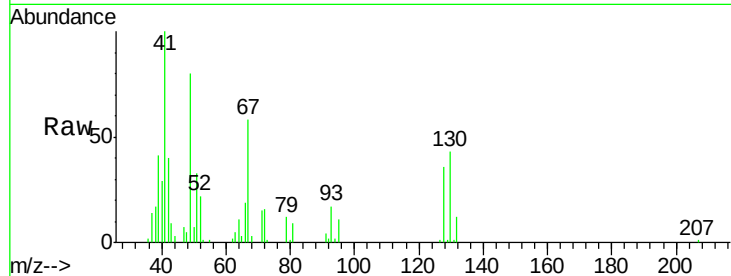
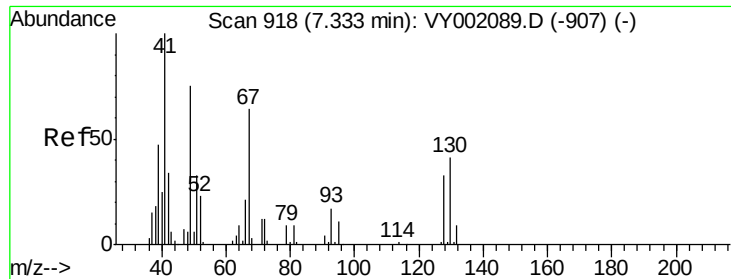
Delta R.T. 0.02 min

Lab File: VY002124.D

Acq: 31 Mar 2020 11:54

Tgt Ion:	78	Resp:	172304
Ion	Ratio	Lower	Upper
78	100		
77	22.0	18.2	27.4





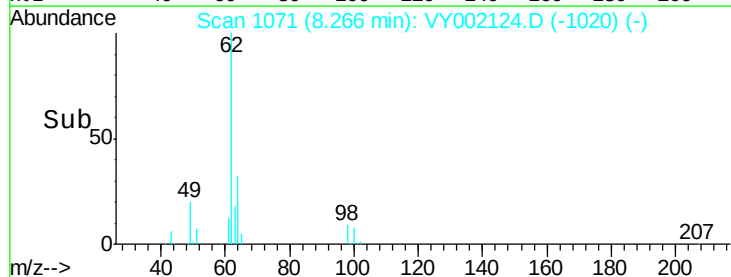
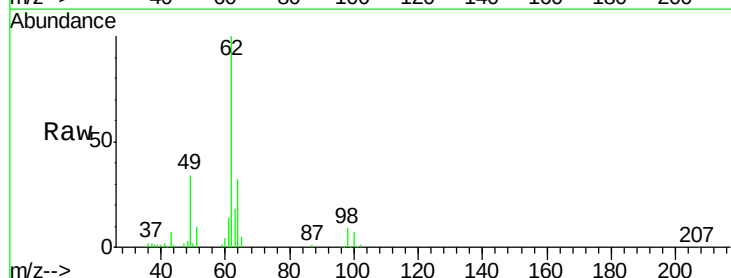
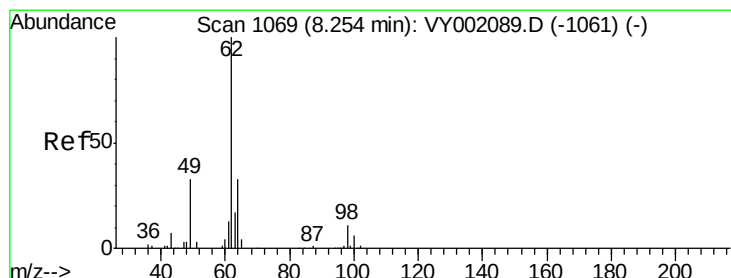
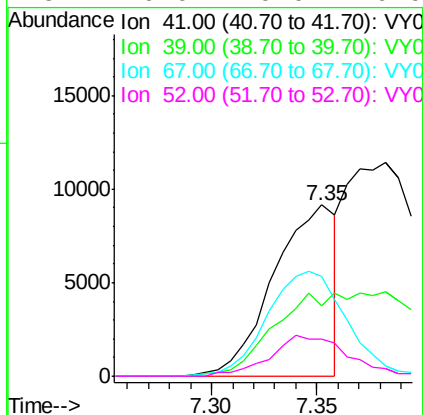
#41
Methacrylonitrile
Concen: 20.887 ug/l m
RT: 7.35 min Scan# 921
Delta R.T. 0.02 min
Lab File: VY002124.D
Acq: 31 Mar 2020 11:54

Tot Ion	41	Resp:	18785
Ion	Ratio	Lower	Upper
41	100		
39	111.1	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

Instrument :
MSVOA_Y
ClientSampleId :
VY0331SBS01

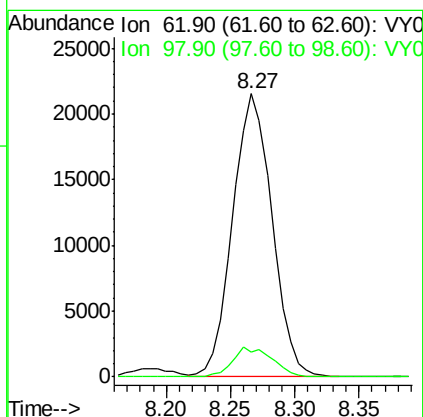
Manual Integrations
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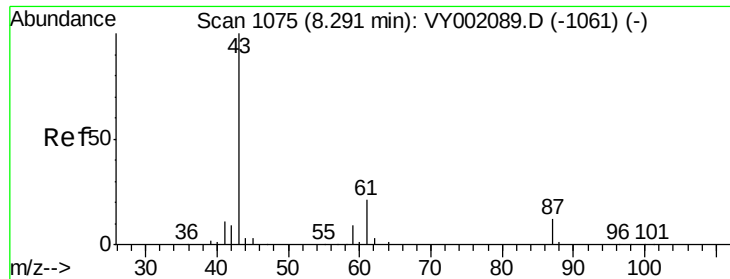
MMDadoda
4/1/2020 7:29:20 PM



#42
1,2-Dichloroethane
Concen: 19.817 ug/l
RT: 8.27 min Scan# 1071
Delta R.T. 0.01 min
Lab File: VY002124.D
Acq: 31 Mar 2020 11:54

Tgt Ion	62	Resp:	45853
Ion	Ratio	Lower	Upper
62	100		
98	10.7	0.0	21.2





#43

Isopropyl Acetate

Concen: 20.037 ug/l

RT: 8.30 min Scan# 1076

Delta R.T. 0.01 min

Lab File: VY002124.D

Acq: 31 Mar 2020 11:54

Instrument :

MSVOA_Y

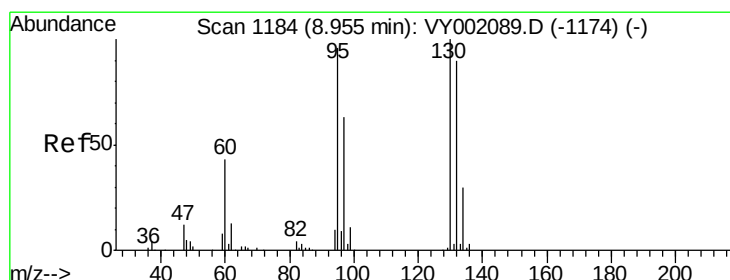
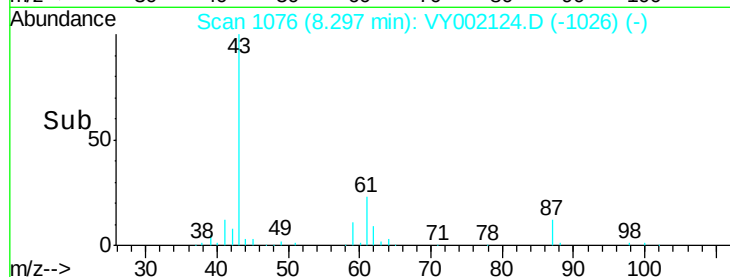
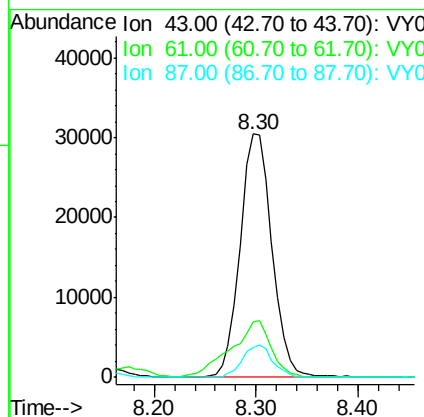
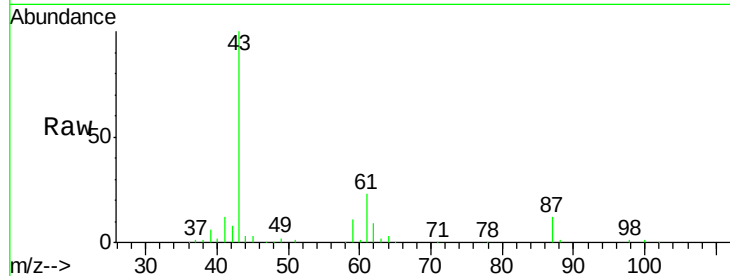
ClientSampleId :

VY0331SBS01

Tot Ion:	43	Resp:	66124
Ion	Ratio	Lower	Upper
43	100		
61	29.5	23.4	35.2
87	12.5	10.2	15.4

Manual Integrations
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#44

Trichloroethene

Concen: 19.814 ug/l

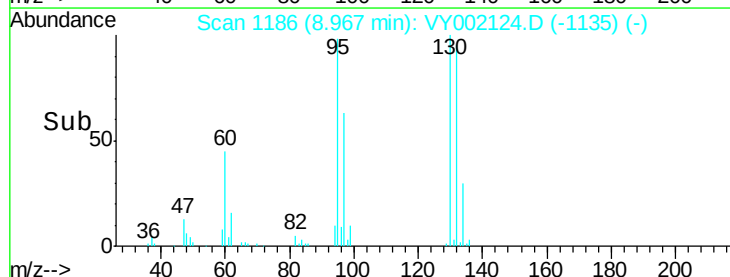
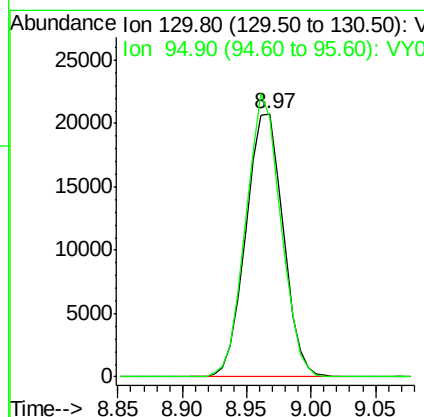
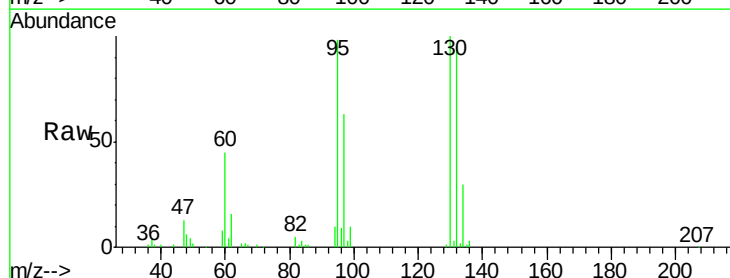
RT: 8.97 min Scan# 1186

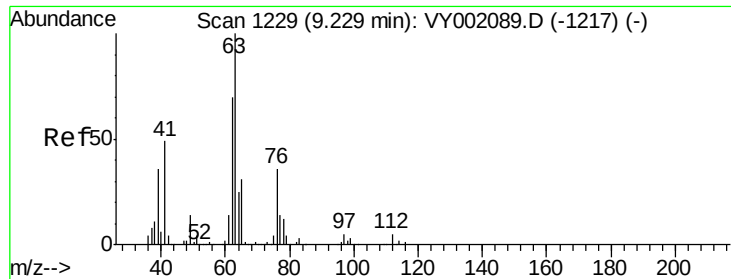
Delta R.T. 0.01 min

Lab File: VY002124.D

Acq: 31 Mar 2020 11:54

Tgt Ion:	130	Resp:	41626
Ion	Ratio	Lower	Upper
130	100		
95	98.2	0.0	193.0





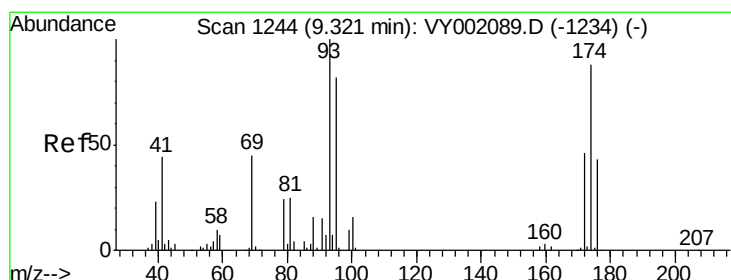
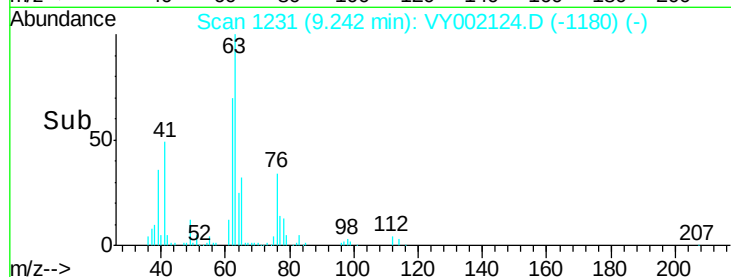
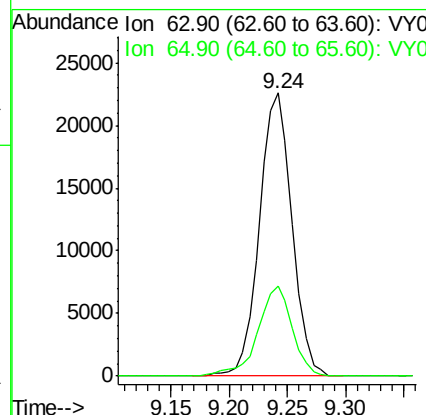
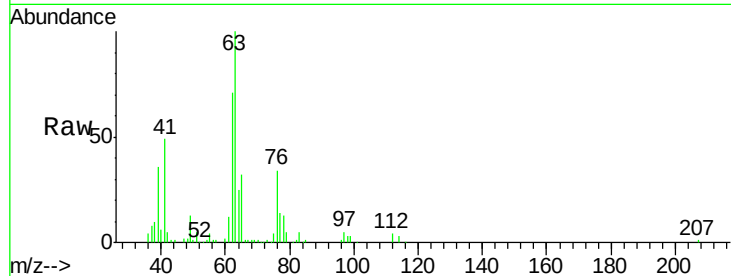
#45
 1,2-Dichloropropane
 Concen: 19.791 ug/l
 RT: 9.24 min Scan# 1231
 Delta R.T. 0.01 min
 Lab File: VY002124.D
 Acq: 31 Mar 2020 11:54

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0331SBS01

Tot Ion: 63 Resp: 43920
 Ion Ratio Lower Upper
 63 100
 65 31.9 25.0 37.6

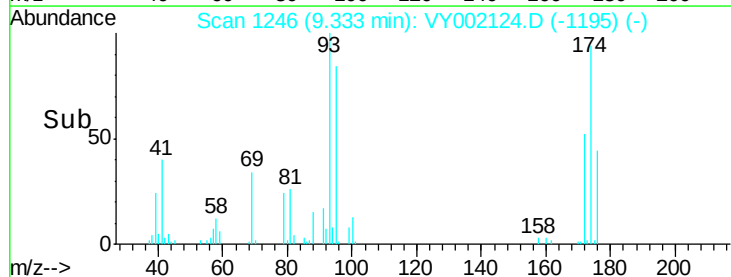
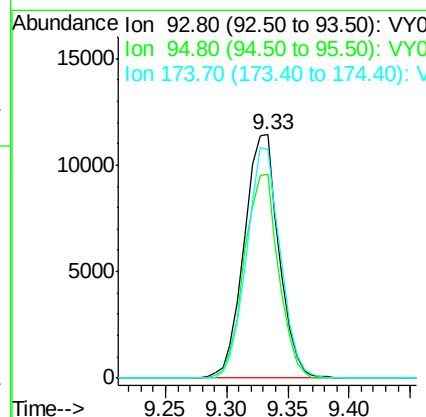
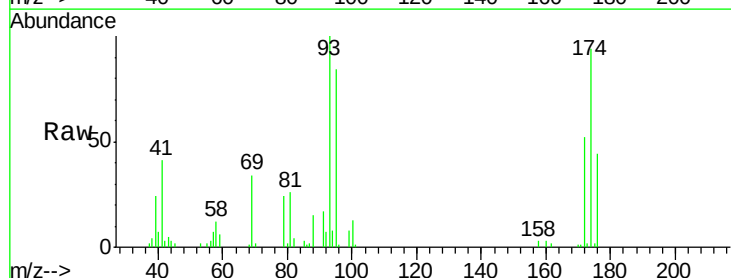
Manual Integrations
 APPROVED

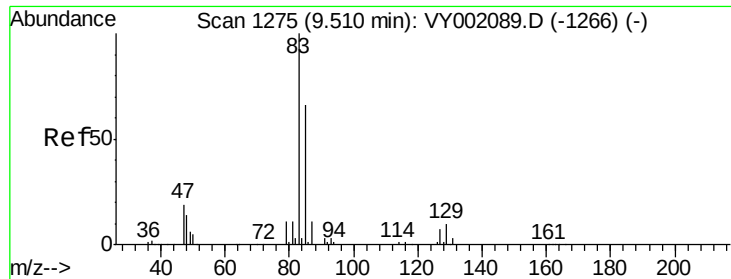
MMDadoda
 4/1/2020 7:29:20 PM



#46
 Dibromomethane
 Concen: 19.833 ug/l
 RT: 9.33 min Scan# 1246
 Delta R.T. 0.01 min
 Lab File: VY002124.D
 Acq: 31 Mar 2020 11:54

Tgt Ion: 93 Resp: 22603
 Ion Ratio Lower Upper
 93 100
 95 82.6 66.0 99.0
 174 91.7 69.8 104.8





#47

Bromodichloromethane

Concen: 19.532 ug/l

RT: 9.52 min Scan# 1277

Delta R.T. 0.01 min

Lab File: VY002124.D

Acq: 31 Mar 2020 11:54

Instrument :

MSVOA_Y

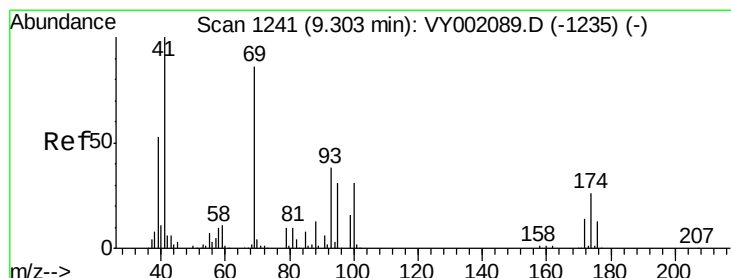
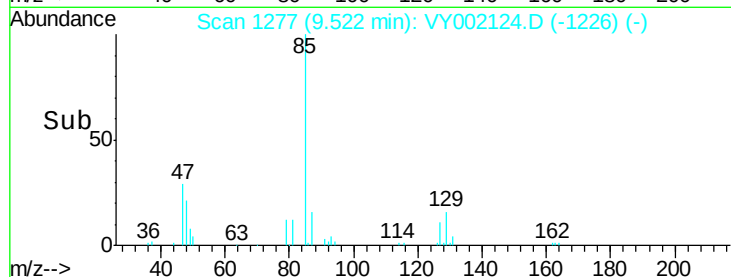
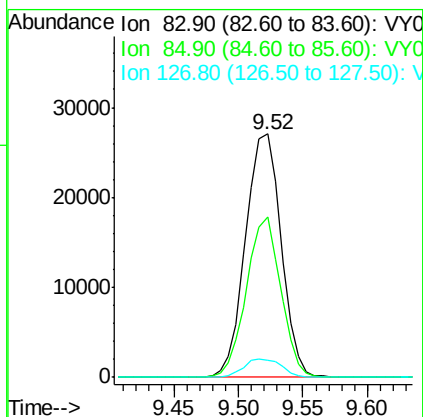
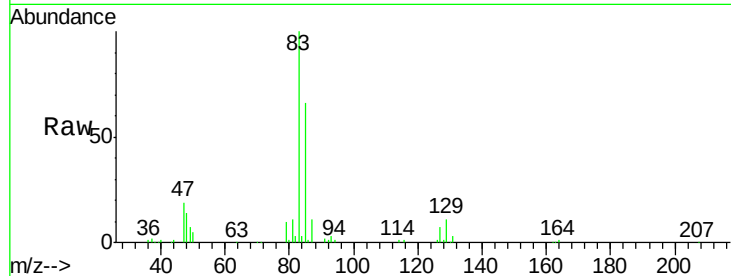
ClientSampleId :

VY0331SBS01

Tot Ion:	83	Resp:	51821
Ion	Ratio	Lower	Upper
83	100		
85	66.0	52.6	79.0
127	7.0	5.9	8.9

Manual Integrations
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#48

Methyl methacrylate

Concen: 19.102 ug/l

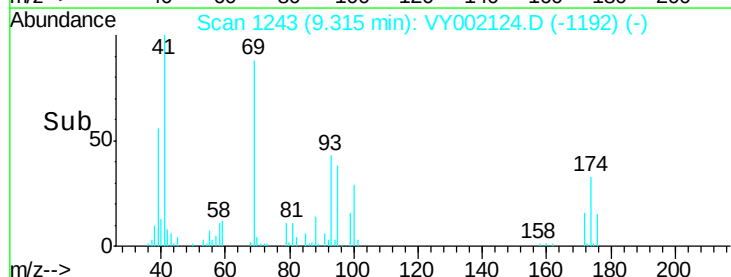
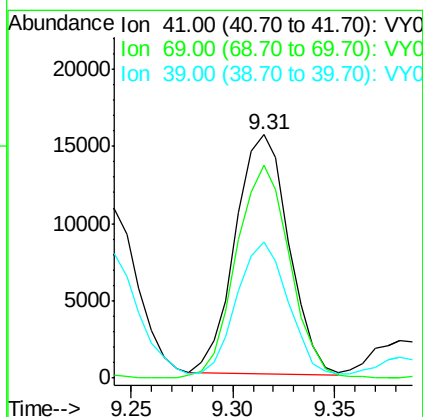
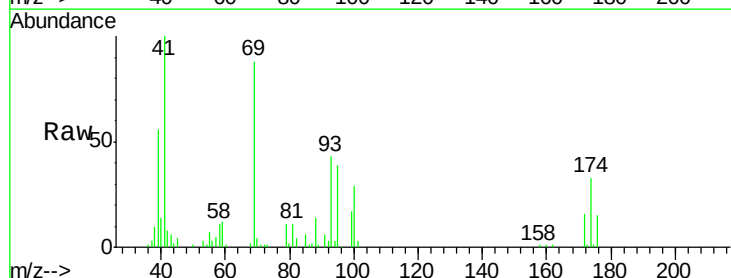
RT: 9.31 min Scan# 1243

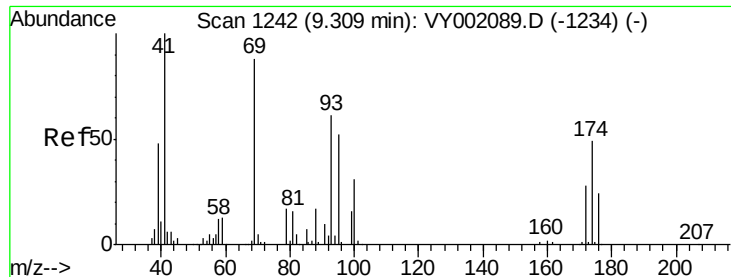
Delta R.T. 0.01 min

Lab File: VY002124.D

Acq: 31 Mar 2020 11:54

Tgt Ion:	41	Resp:	28249
Ion	Ratio	Lower	Upper
41	100		
69	89.2	71.4	107.0
39	56.1	41.0	61.4





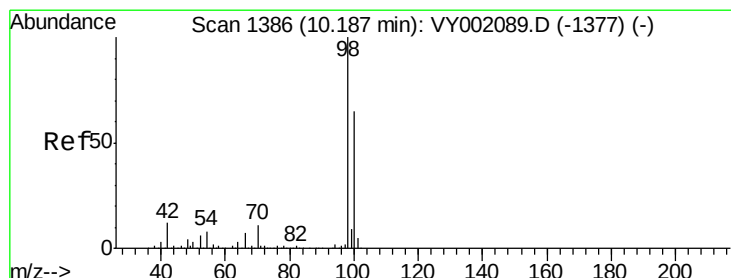
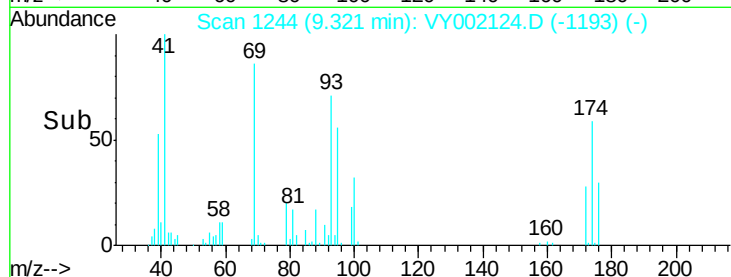
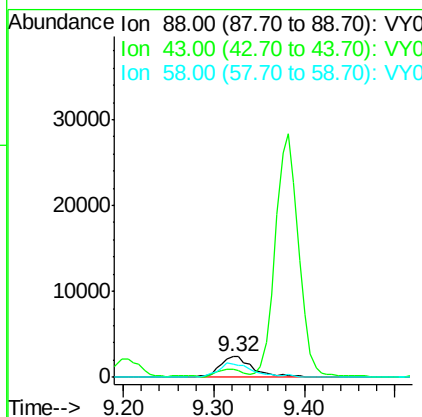
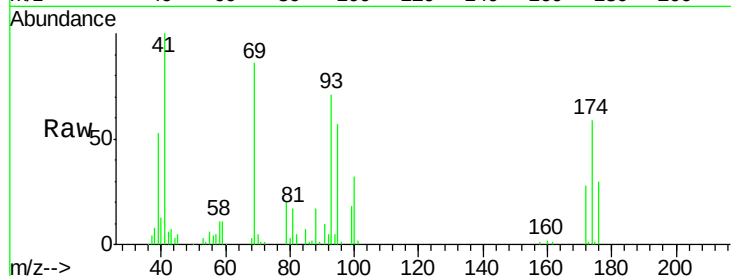
#49
1,4-Dioxane
Concen: 406.231 ug/l
RT: 9.32 min Scan# 1244
Delta R.T. 0.01 min
Lab File: VY002124.D
Acq: 31 Mar 2020 11:54

Instrument :
MSVOA_Y
ClientSampleId :
VY0331SBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	27.1	27.2	40.8#
58	71.5	59.8	89.8

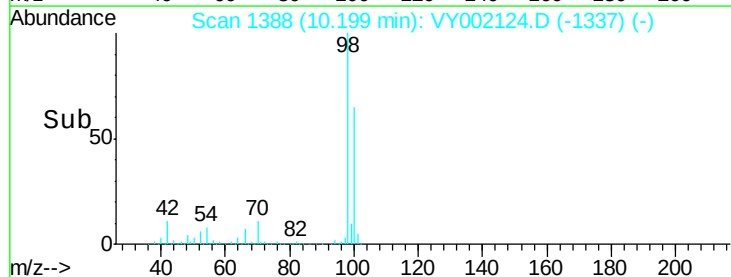
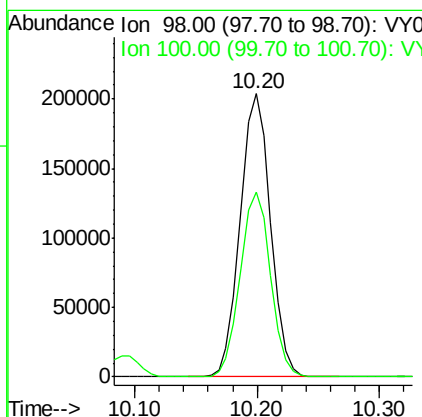
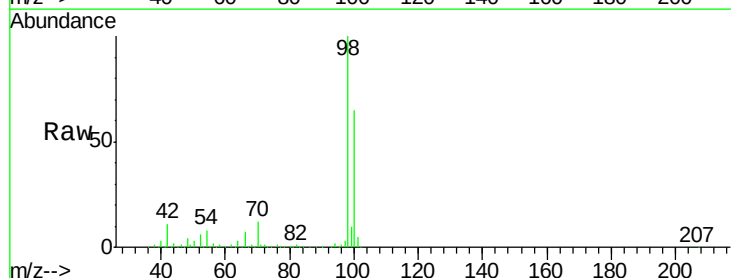
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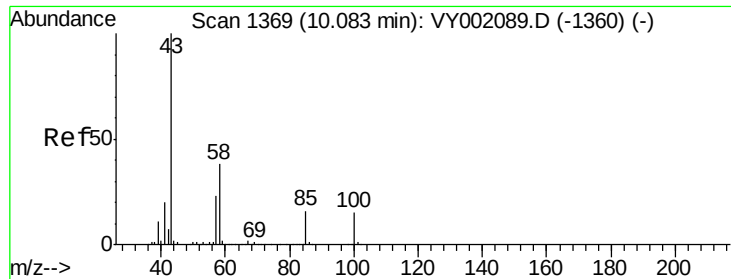
MMDadoda
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#50
Toluene-d8
Concen: 48.363 ug/l
RT: 10.20 min Scan# 1388
Delta R.T. 0.01 min
Lab File: VY002124.D
Acq: 31 Mar 2020 11:54

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.6	51.6	77.4





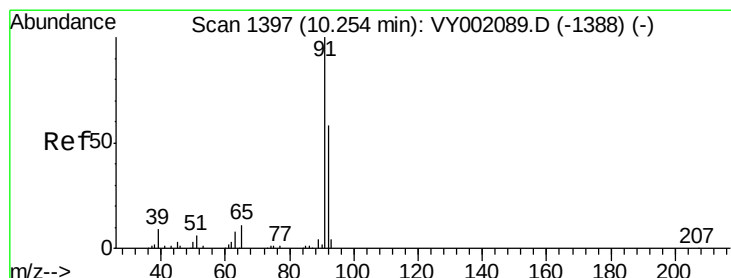
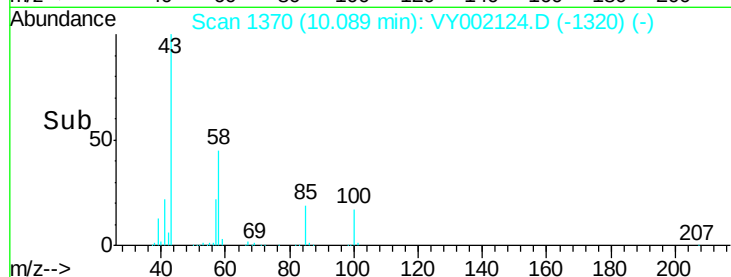
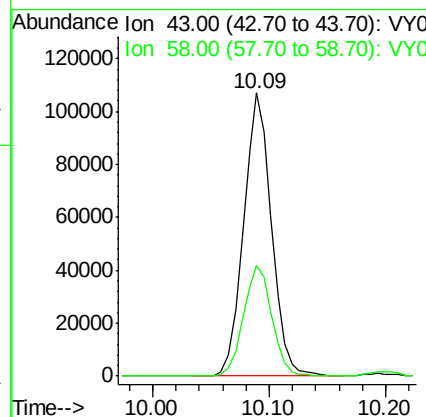
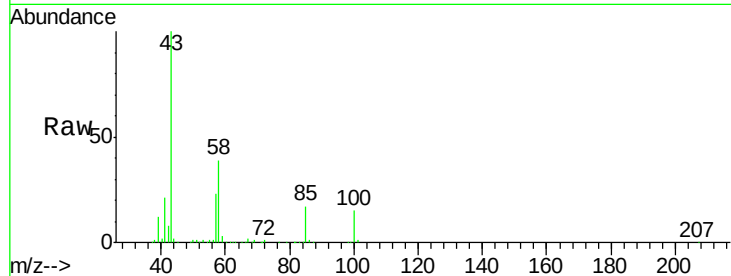
#51
 4-Methyl-2-Pentanone
 Concen: 104.637 ug/l
 RT: 10.09 min Scan# 1370
 Delta R.T. 0.01 min
 Lab File: VY002124.D
 Acq: 31 Mar 2020 11:54

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0331SBS01

Tot Ion	43	58	Ratio	Lower	Upper
177809	100	40.1		31.6	47.4

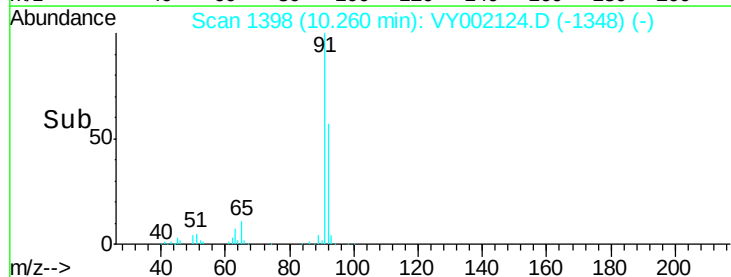
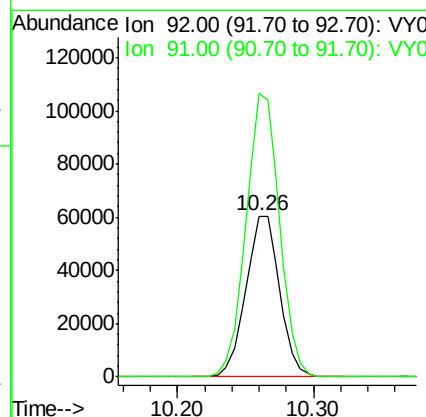
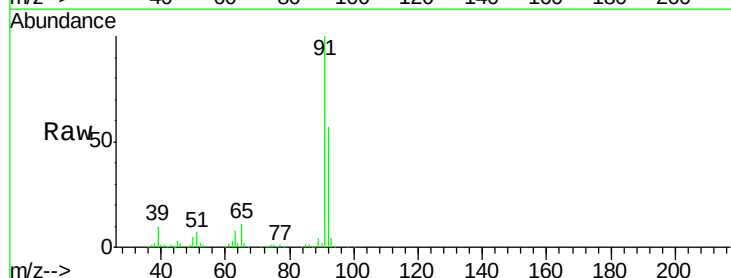
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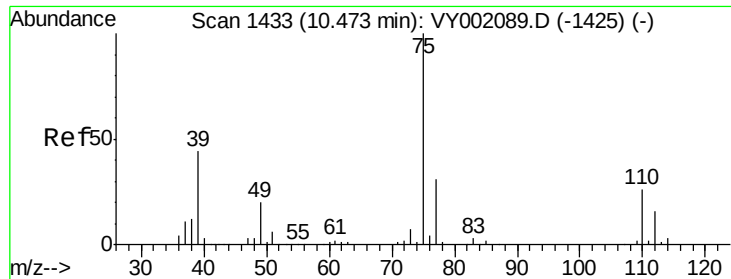
MMDadoda
 4/1/2020 7:29:20 PM



#52
 Toluene
 Concen: 19.859 ug/l
 RT: 10.26 min Scan# 1398
 Delta R.T. 0.01 min
 Lab File: VY002124.D
 Acq: 31 Mar 2020 11:54

Tgt Ion	92	91	Ratio	Lower	Upper
104682	100	175.0		139.3	208.9





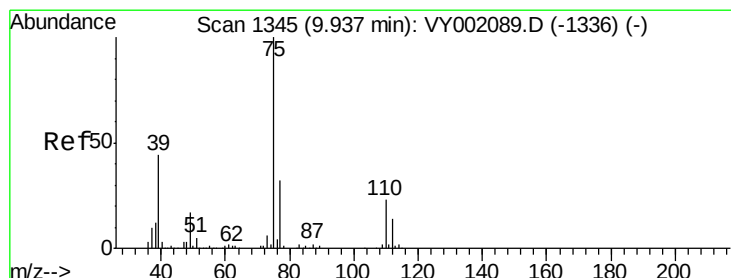
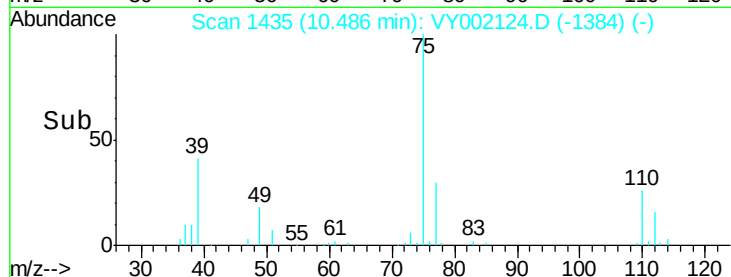
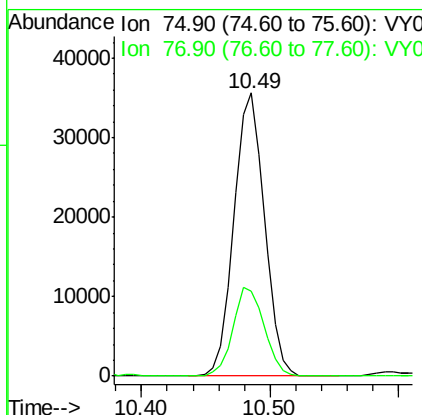
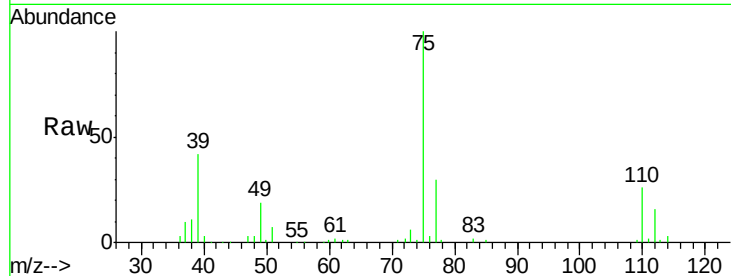
#53
t-1,3-Dichloropropene
Concen: 19.935 ug/l
RT: 10.49 min Scan# 1435
Delta R.T. 0.01 min
Lab File: VY002124.D
Acq: 31 Mar 2020 11:54

Instrument :
MSVOA_Y
ClientSampleId :
VY0331SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.0	25.2	37.8

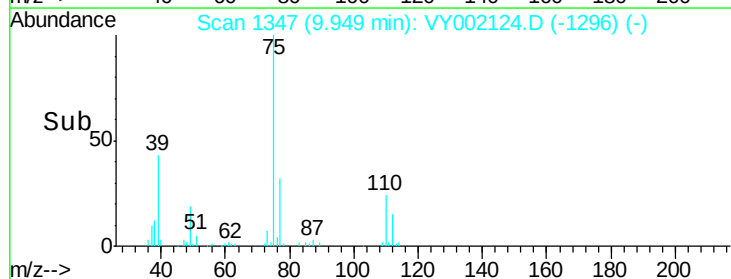
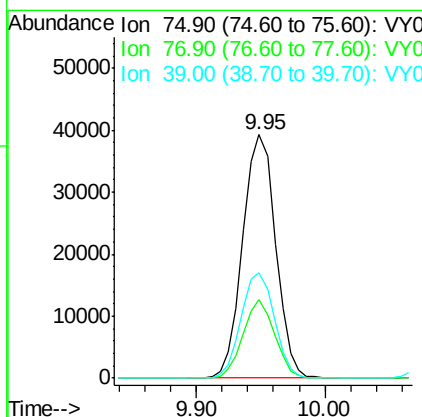
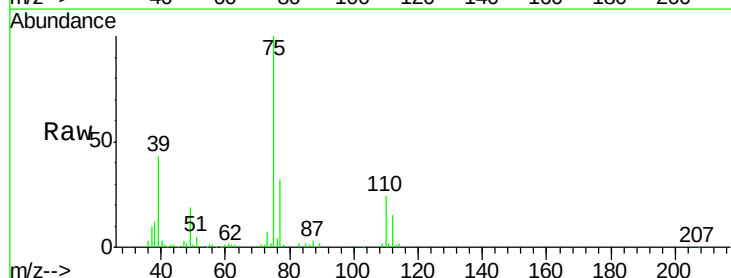
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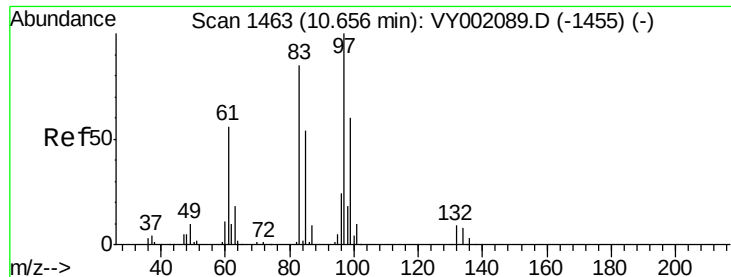
MMDadoda
4/1/2020 7:29:20 PM



#54
cis-1,3-Dichloropropene
Concen: 19.994 ug/l
RT: 9.95 min Scan# 1347
Delta R.T. 0.01 min
Lab File: VY002124.D
Acq: 31 Mar 2020 11:54

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.2	25.6	38.4
39	43.4	35.2	52.8





#55

1,1,2-Trichloroethane

Concen: 19.726 ug/l

RT: 10.66 min Scan# 1464

Delta R.T. 0.01 min

Lab File: VY002124.D

Acq: 31 Mar 2020 11:54

Instrument :

MSVOA_Y

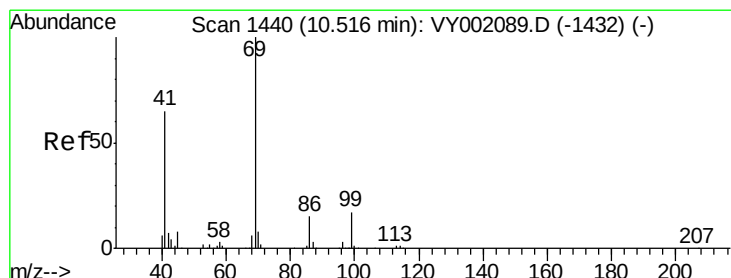
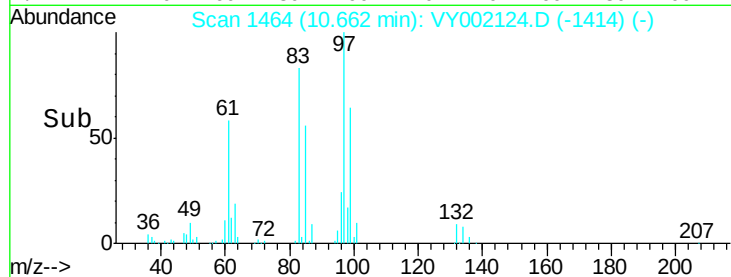
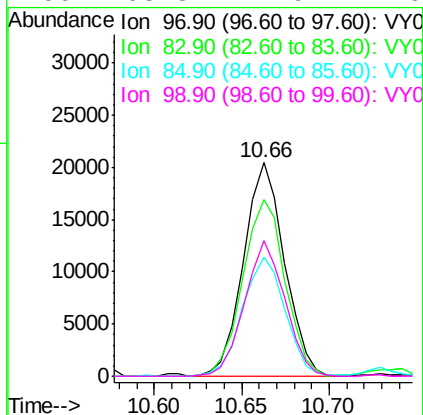
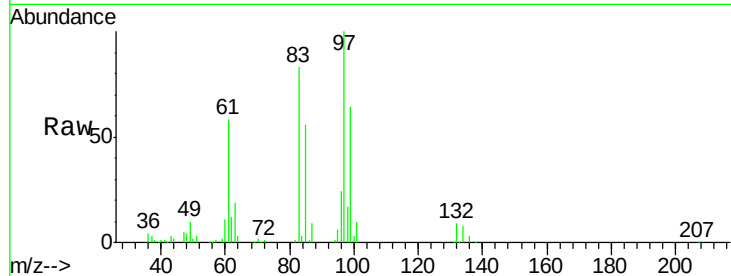
ClientSampleId :

VY0331SBS01

Tot Ion:	97	Resp:	33273
Ion	Ratio	Lower	Upper
97	100		
83	82.5	68.2	102.2
85	56.0	42.9	64.3
99	63.8	47.9	71.9

Manual Integrations
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#56

Ethyl methacrylate

Concen: 19.998 ug/l

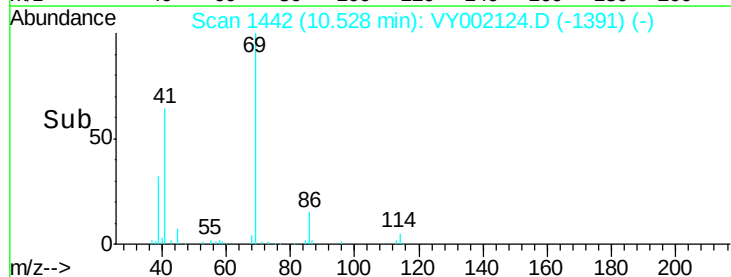
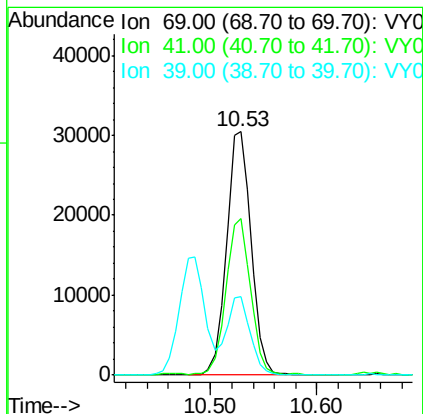
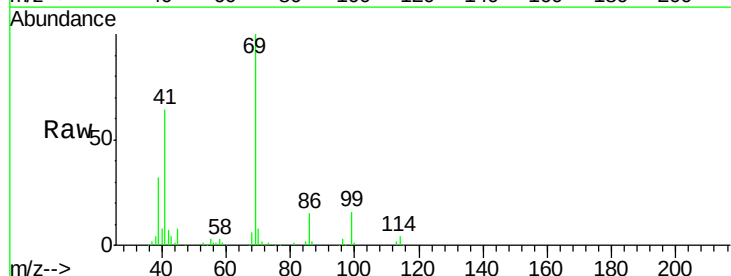
RT: 10.53 min Scan# 1442

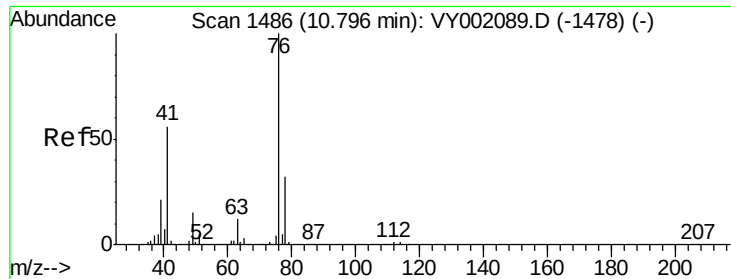
Delta R.T. 0.01 min

Lab File: VY002124.D

Acq: 31 Mar 2020 11:54

Tgt Ion:	69	Resp:	49267
Ion	Ratio	Lower	Upper
69	100		
41	63.3	52.8	79.2
39	31.4	25.0	37.6





#57

1,3-Dichloropropane

Concen: 19.766 ug/l

RT: 10.81 min Scan# 1488

Delta R.T. 0.01 min

Lab File: VY002124.D

Acq: 31 Mar 2020 11:54

Instrument :

MSVOA_Y

ClientSampleId :

VY0331SBS01

Tot Ion: 76 Resp: 58905

Ion Ratio Lower Upper

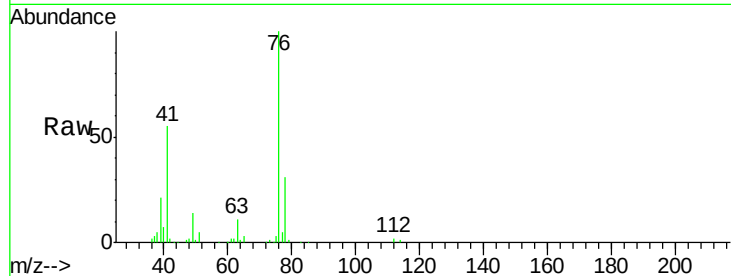
76 100

78 32.8 26.1 39.1

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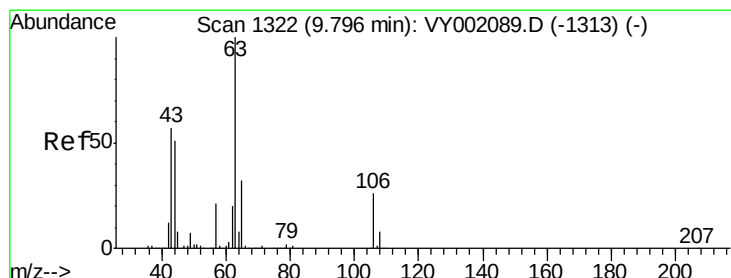
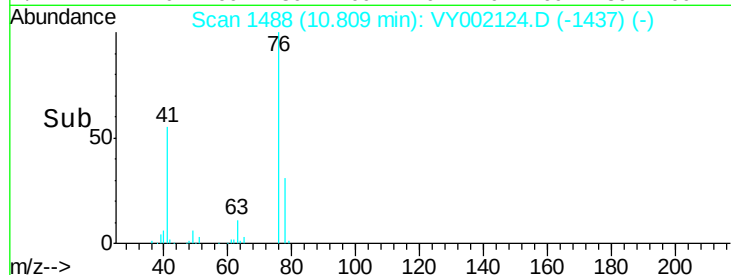
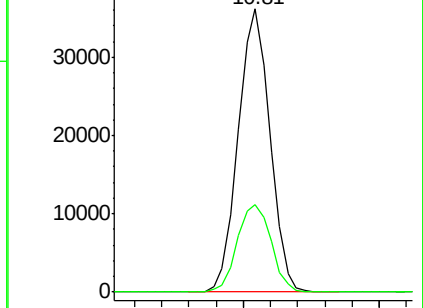
MMDadoda

4/1/2020 7:29:20 PM



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#58

2-Chloroethyl Vinyl ether

Concen: 101.428 ug/l

RT: 9.80 min Scan# 1323

Delta R.T. 0.01 min

Lab File: VY002124.D

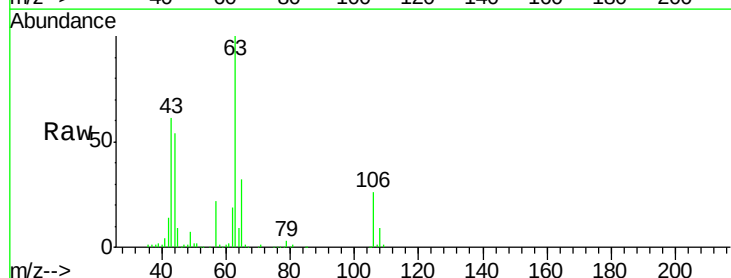
Acq: 31 Mar 2020 11:54

Tgt Ion: 63 Resp: 128398

Ion Ratio Lower Upper

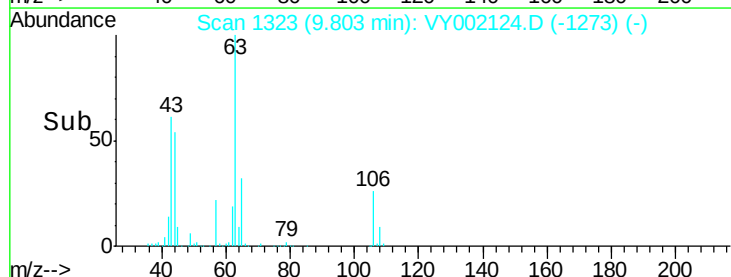
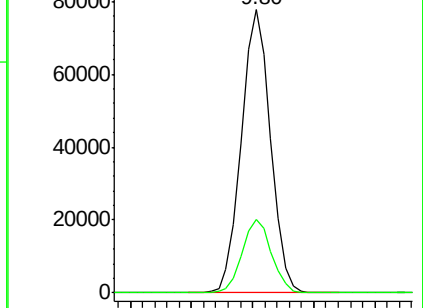
63 100

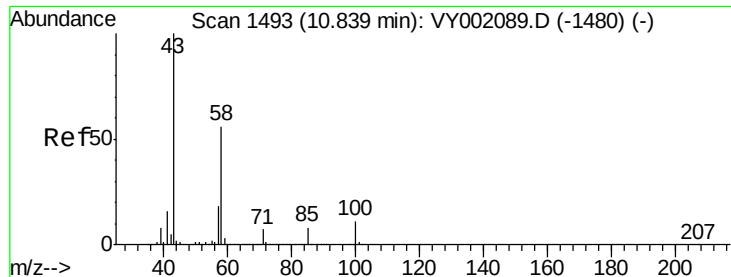
106 26.1 21.0 31.4



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V





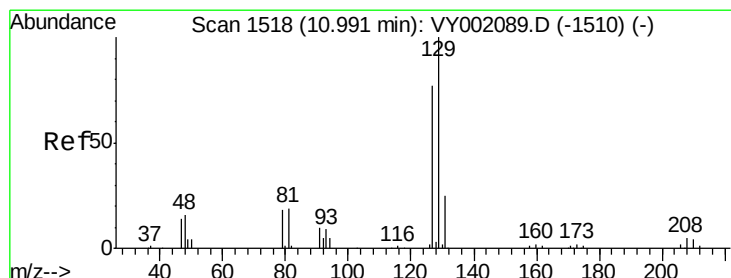
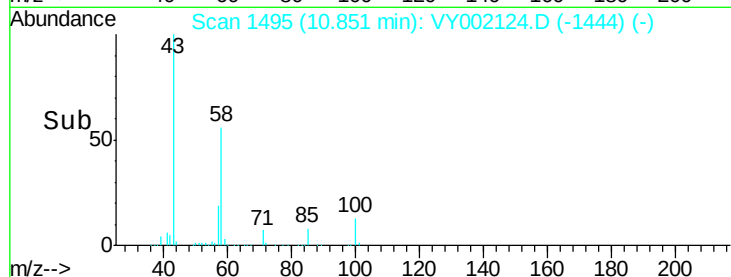
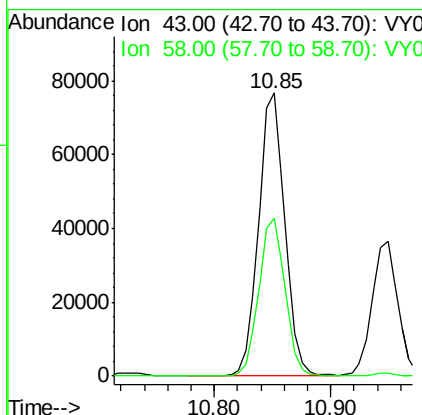
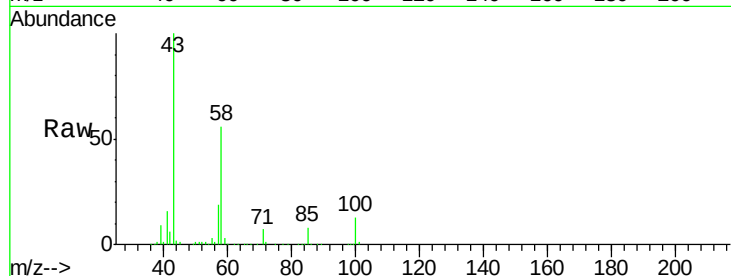
#59
2-Hexanone
Concen: 101.015 ug/l
RT: 10.85 min Scan# 1495
Delta R.T. 0.01 min
Lab File: VY002124.D
Acq: 31 Mar 2020 11:54

Instrument :
MSVOA_Y
ClientSampleId :
VY0331SBS01

Tot Ion	43	Resp	120916
Ion Ratio	100	Lower	Upper
43	100		
58	55.7	27.9	83.6

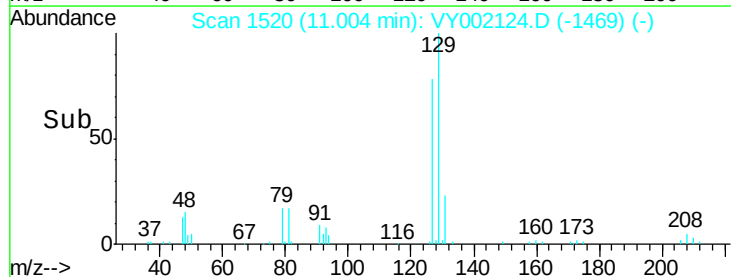
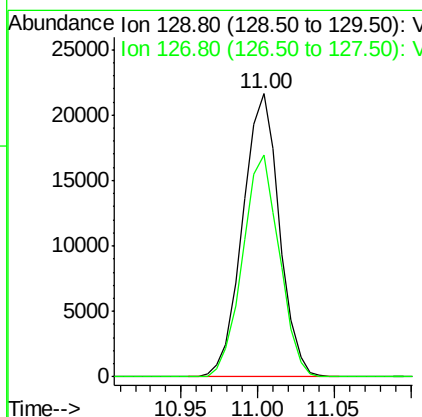
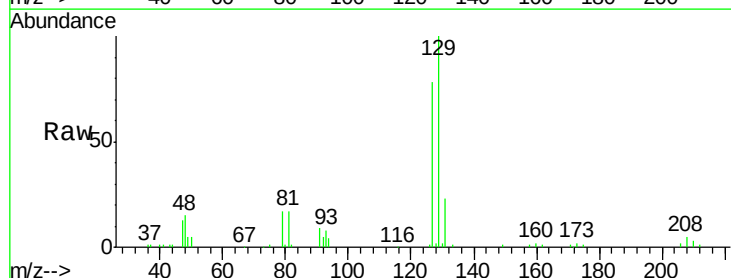
Manual Integrations
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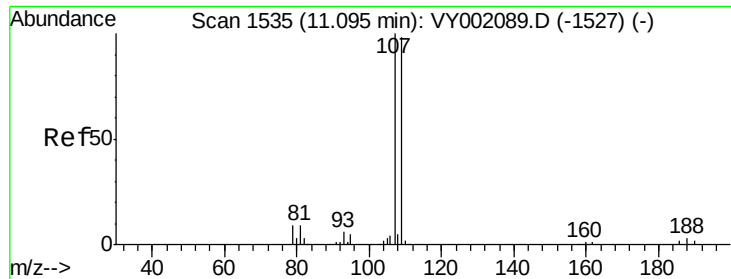
MMDadoda
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#60
Dibromochloromethane
Concen: 20.375 ug/l
RT: 11.00 min Scan# 1520
Delta R.T. 0.01 min
Lab File: VY002124.D
Acq: 31 Mar 2020 11:54

Tgt Ion	129	Resp	35962
Ion Ratio	100	Lower	Upper
129	100		
127	78.3	38.7	116.1





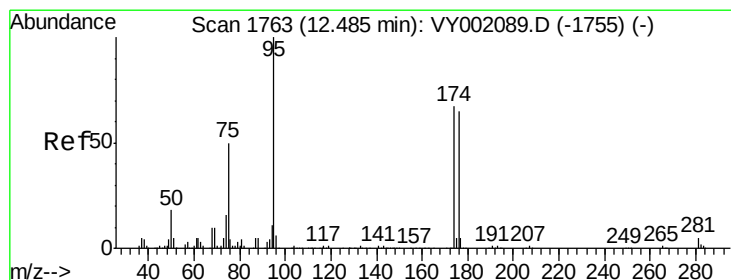
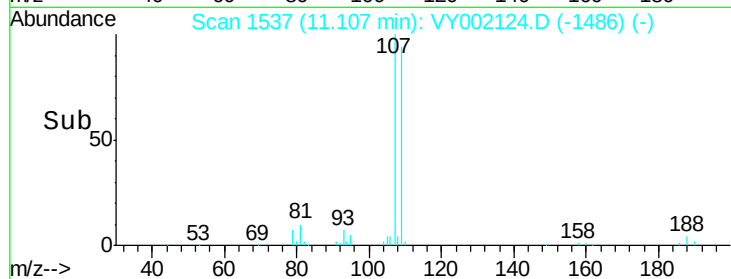
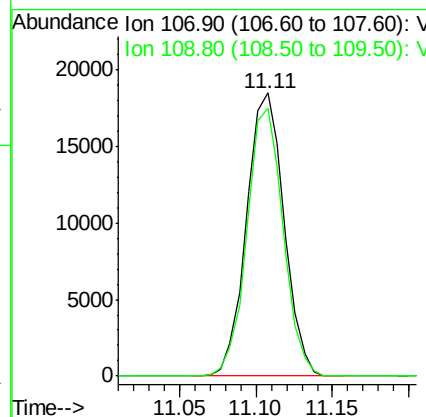
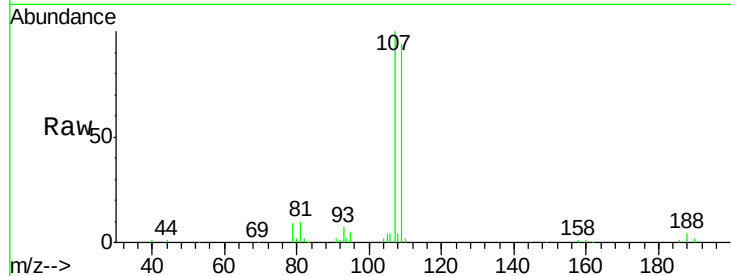
#61
 1,2-Dibromoethane
 Concen: 19.962 ug/l
 RT: 11.11 min Scan# 1537
 Delta R.T. 0.01 min
 Lab File: VY002124.D
 Acq: 31 Mar 2020 11:54

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0331SBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	91.5	76.3	114.5

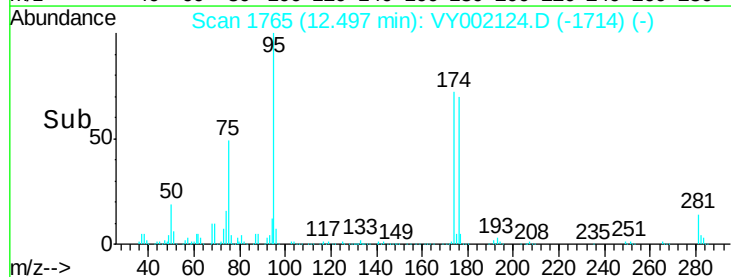
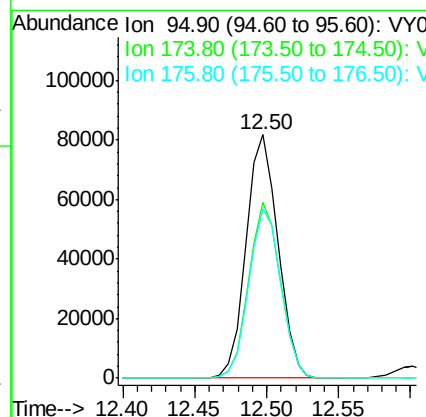
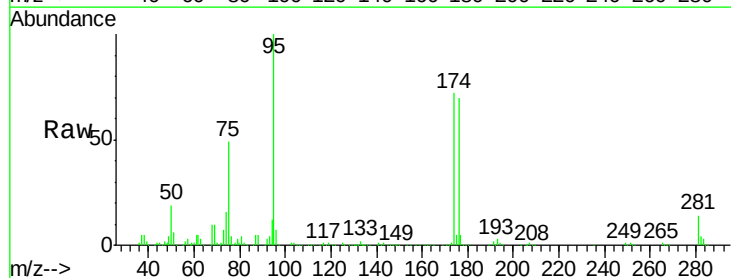
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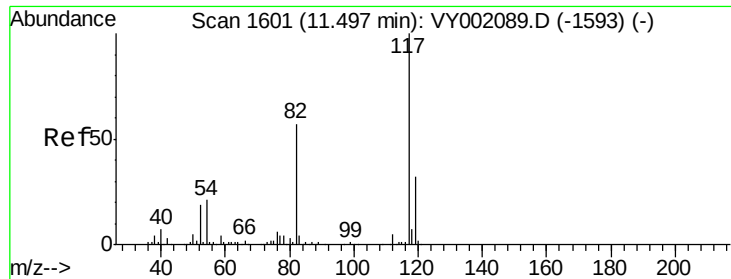
MMDadoda
 4/1/2020 7:29:20 PM



#62
 4-Bromofluorobenzene
 Concen: 49.271 ug/l
 RT: 12.50 min Scan# 1765
 Delta R.T. 0.01 min
 Lab File: VY002124.D
 Acq: 31 Mar 2020 11:54

Tgt Ion	Ratio	Lower	Upper
95	100		
174	71.4	0.0	143.4
176	69.8	0.0	137.0





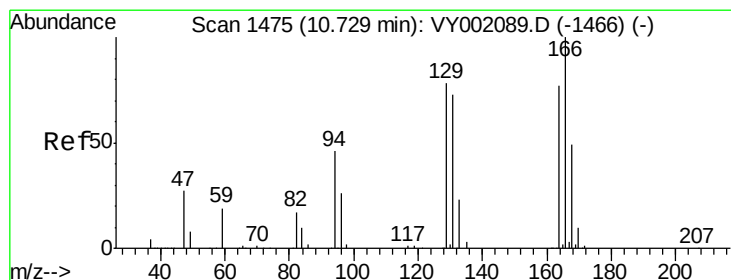
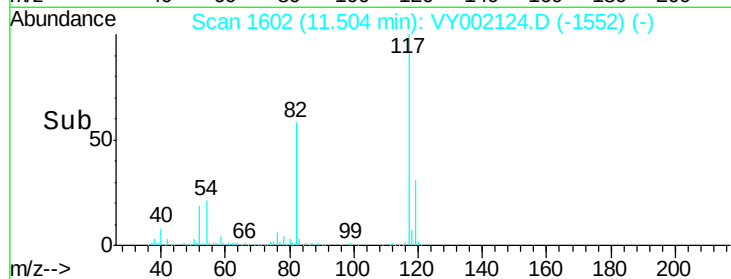
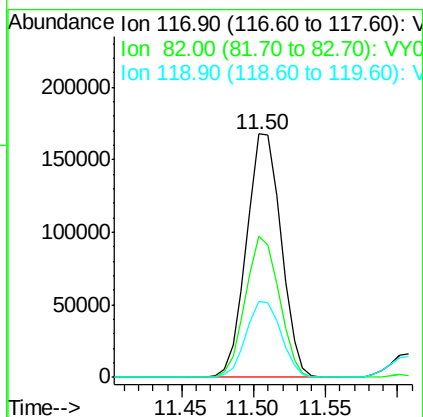
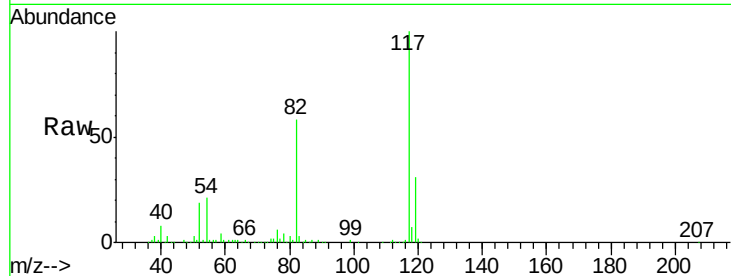
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY002124.D
Acq: 31 Mar 2020 11:54

Instrument :
MSVOA_Y
ClientSampleId :
VY0331SBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	279282		
82	58.0		45.4	68.2
119	31.2		25.3	37.9

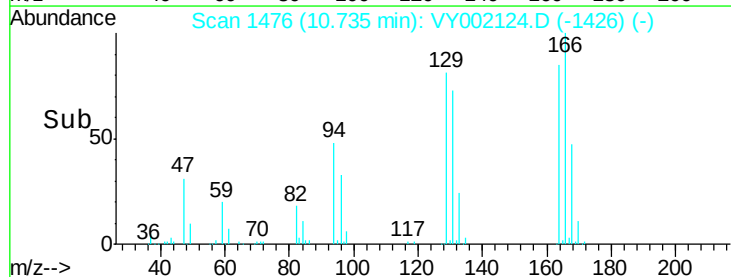
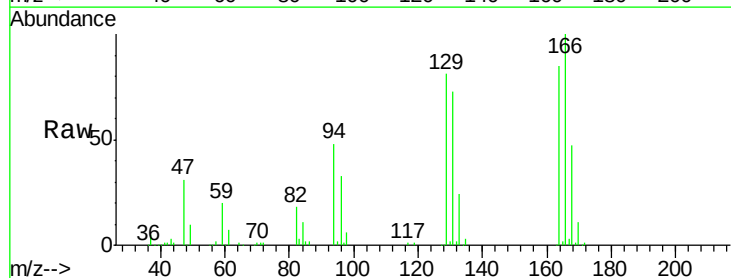
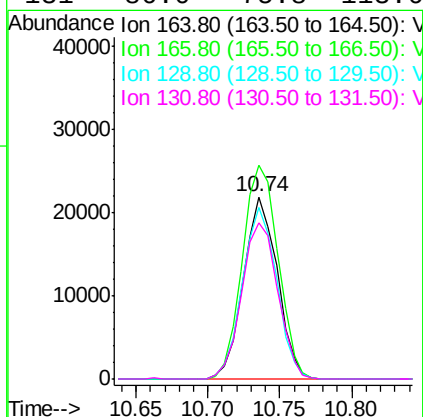
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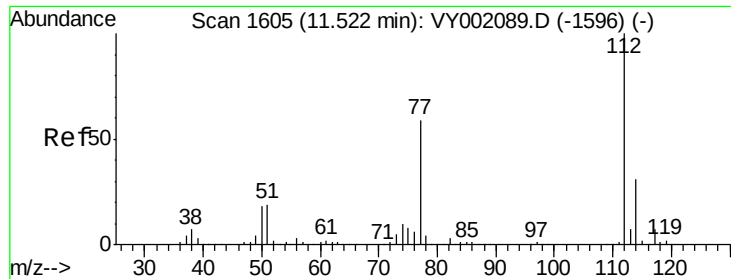
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#64
Tetrachloroethene
Concen: 20.843 ug/l
RT: 10.74 min Scan# 1476
Delta R.T. 0.01 min
Lab File: VY002124.D
Acq: 31 Mar 2020 11:54

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	35615		
166	117.4		104.0	156.0
129	94.6		81.2	121.8
131	86.0		75.8	113.6





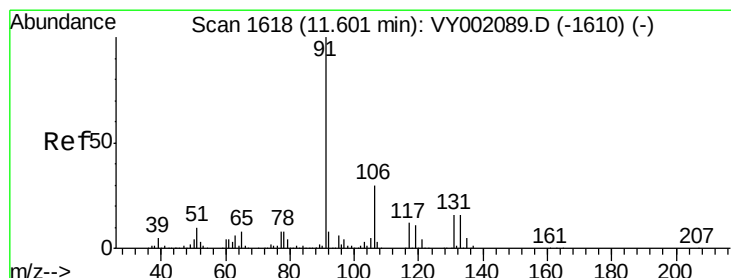
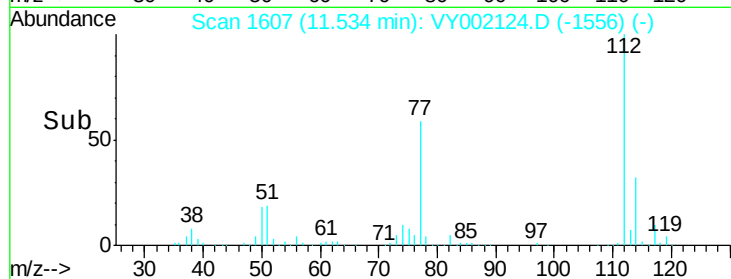
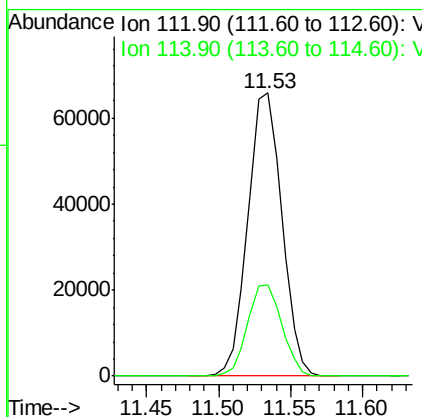
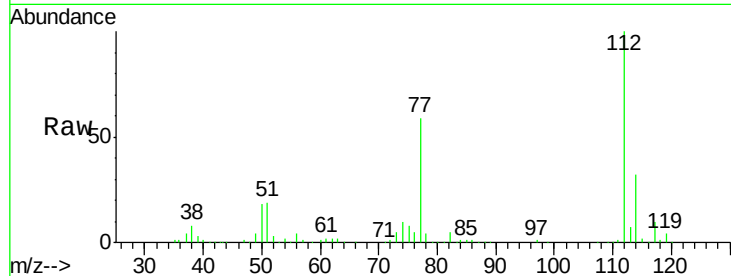
#65
Chlorobenzene
Concen: 19.952 ug/l
RT: 11.53 min Scan# 1607
Delta R.T. 0.01 min
Lab File: VY002124.D
Acq: 31 Mar 2020 11:54

Instrument :
MSVOA_Y
ClientSampleId :
VY0331SBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.3	24.9	37.3

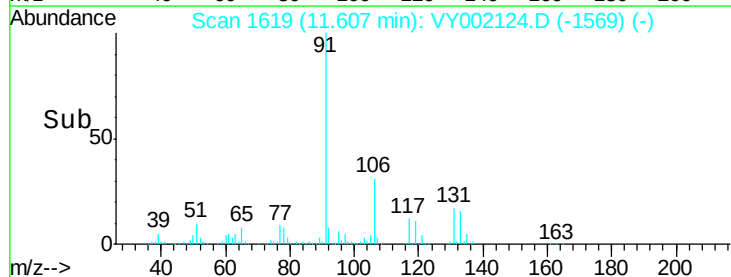
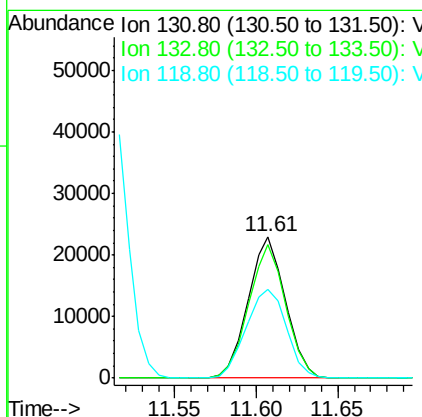
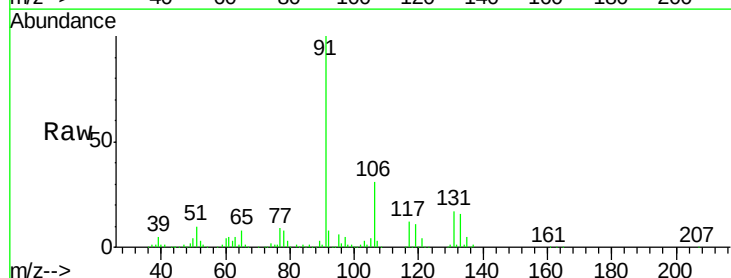
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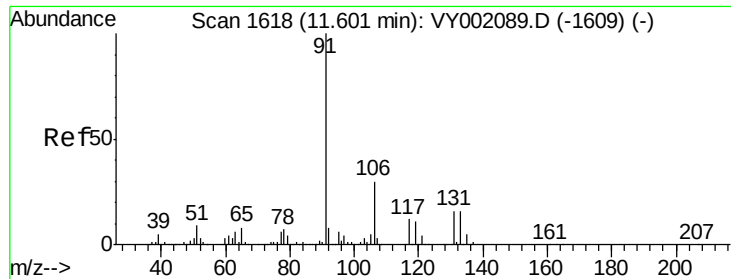
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.142 ug/l
RT: 11.61 min Scan# 1619
Delta R.T. 0.01 min
Lab File: VY002124.D
Acq: 31 Mar 2020 11:54

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.3	47.5	142.5
119	68.0	34.6	103.9





#67

Ethyl Benzene

Concen: 20.198 ug/l

RT: 11.61 min Scan# 1619

Delta R.T. 0.01 min

Lab File: VY002124.D

Acq: 31 Mar 2020 11:54

Instrument :

MSVOA_Y

ClientSampleId :

VY0331SBS01

Tot Ion: 91 Resp: 202232

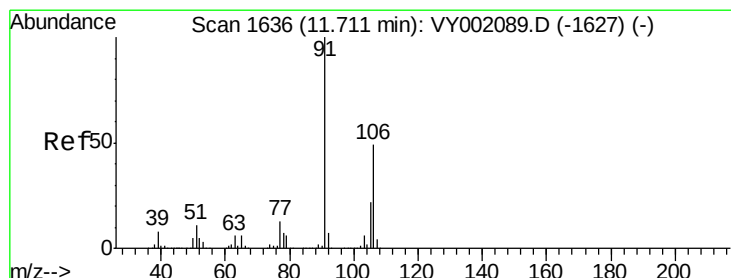
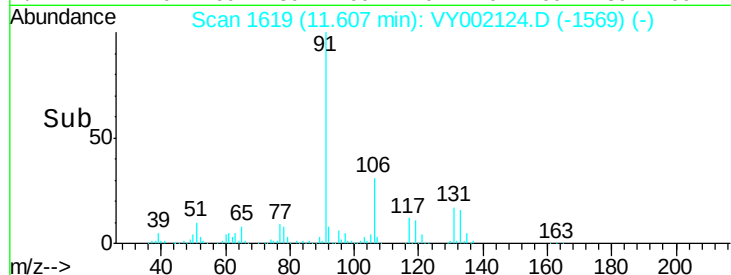
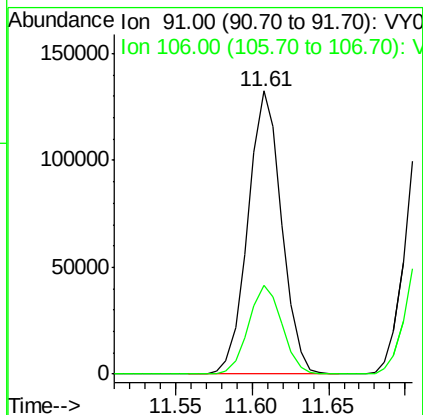
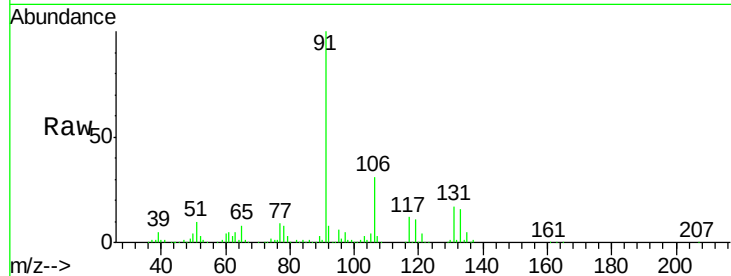
Ion Ratio Lower Upper

91 100

106 31.2 24.1 36.1

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#68

m/p-Xylenes

Concen: 40.950 ug/l

RT: 11.72 min Scan# 1637

Delta R.T. 0.01 min

Lab File: VY002124.D

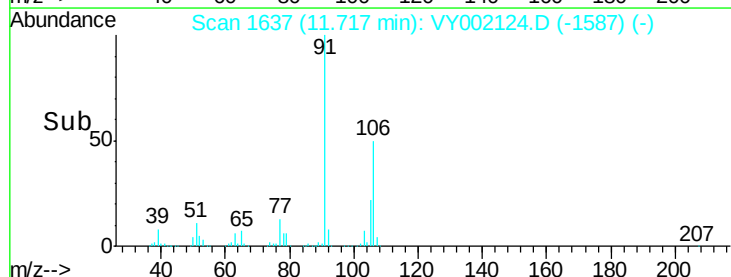
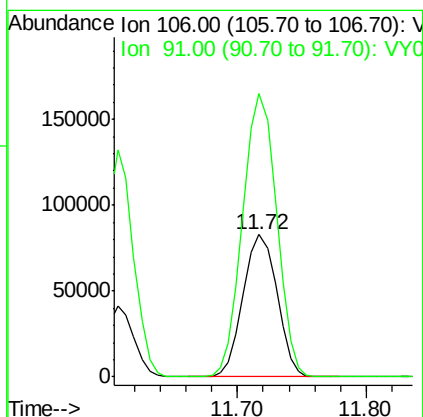
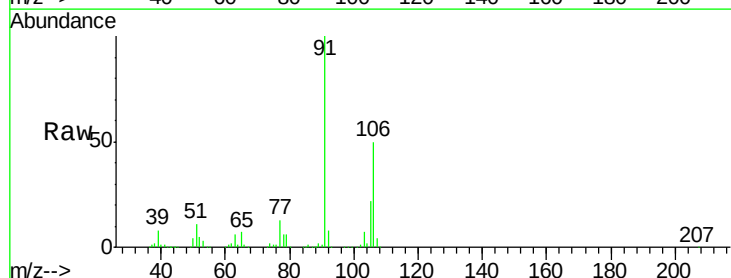
Acq: 31 Mar 2020 11:54

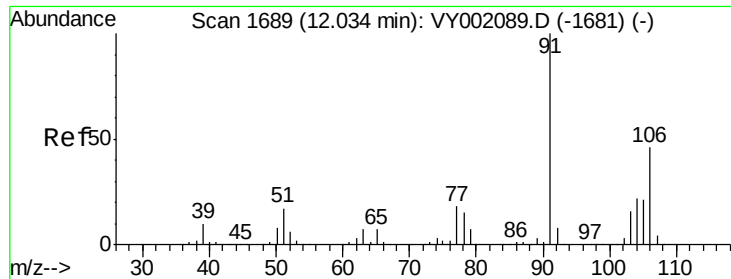
Tgt Ion: 106 Resp: 151598

Ion Ratio Lower Upper

106 100

91 199.0 162.8 244.2





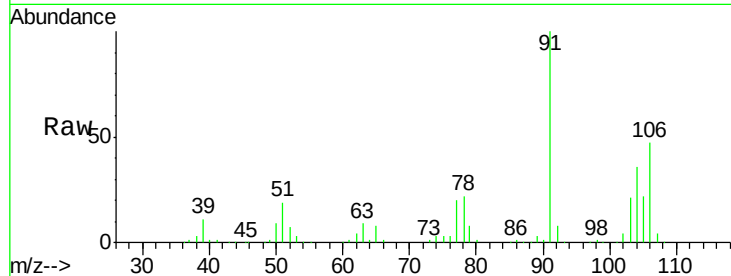
#69
o-Xylene
Concen: 20.287 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.01 min
Lab File: VY002124.D
Acq: 31 Mar 2020 11:54

Instrument :
MSVOA_Y
ClientSampleId :
VY0331SBS01

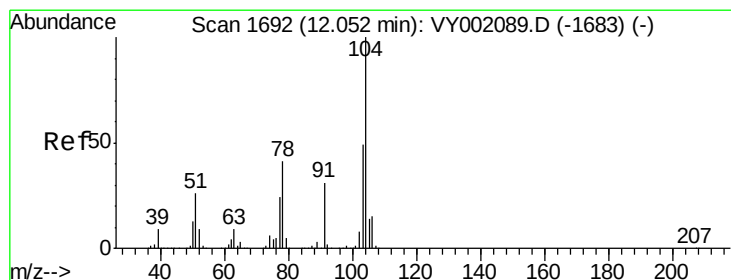
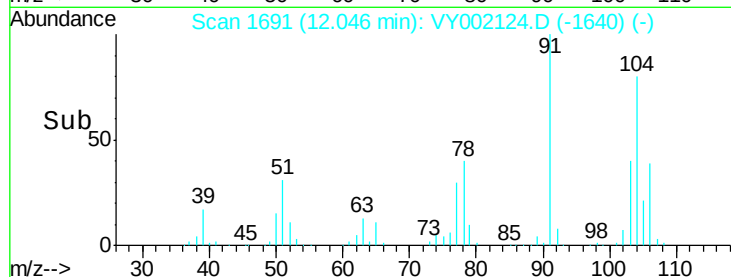
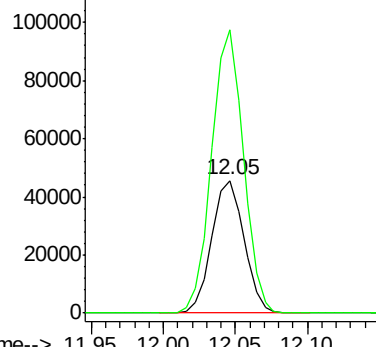
Tot Ion:106 Resp: 71243
Ion Ratio Lower Upper
106 100
91 209.3 107.3 321.8

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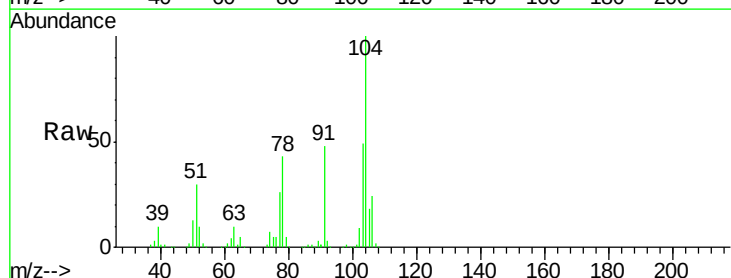


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0

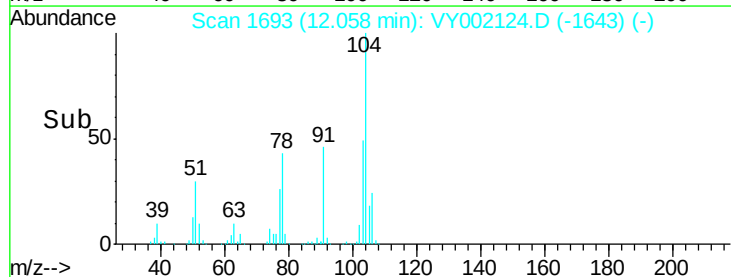
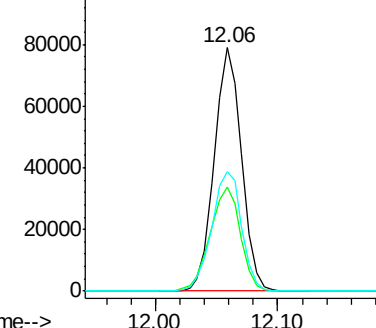


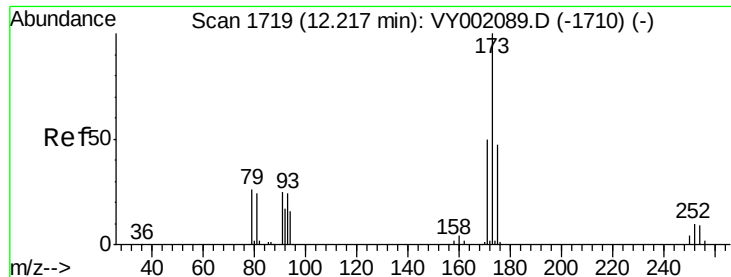
#70
Styrene
Concen: 20.040 ug/l
RT: 12.06 min Scan# 1693
Delta R.T. 0.01 min
Lab File: VY002124.D
Acq: 31 Mar 2020 11:54

Tgt Ion:104 Resp: 121949
Ion Ratio Lower Upper
104 100
78 47.6 37.9 56.9
103 54.1 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: 20.134 ug/l

RT: 12.22 min Scan# 1720

Delta R.T. 0.01 min

Lab File: VY002124.D

Acq: 31 Mar 2020 11:54

Instrument :

MSVOA_Y

ClientSampleId :

VY0331SBS01

Tot Ion:173 Resp: 19889

Ion Ratio Lower Upper

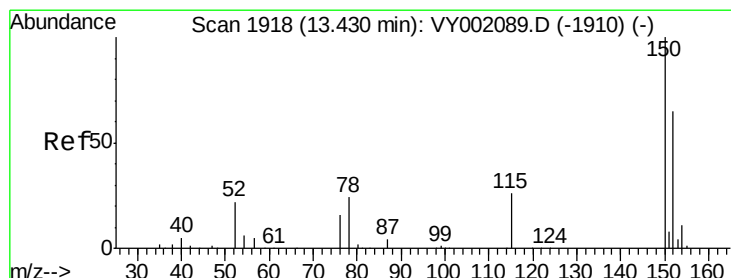
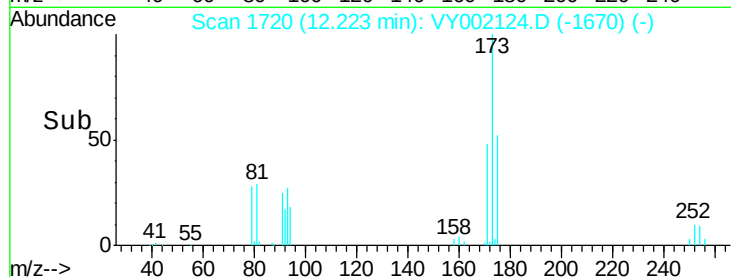
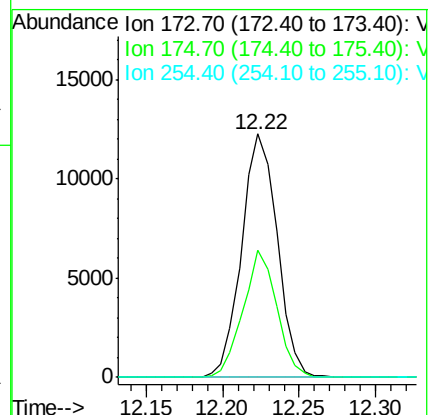
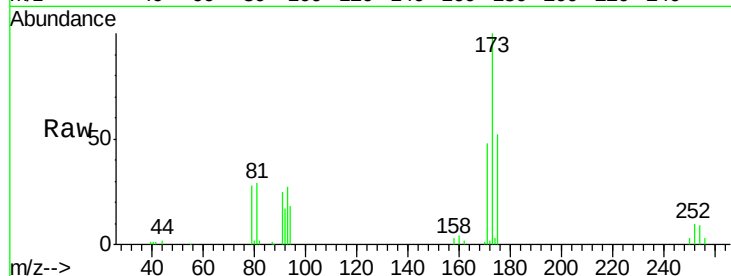
173 100

175 49.1 23.9 71.8

254 0.0 0.0 0.0

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.44 min Scan# 1920

Delta R.T. 0.01 min

Lab File: VY002124.D

Acq: 31 Mar 2020 11:54

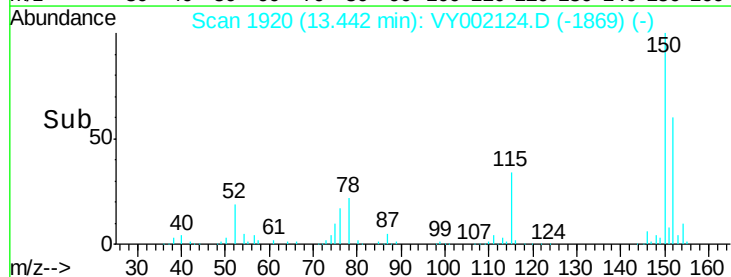
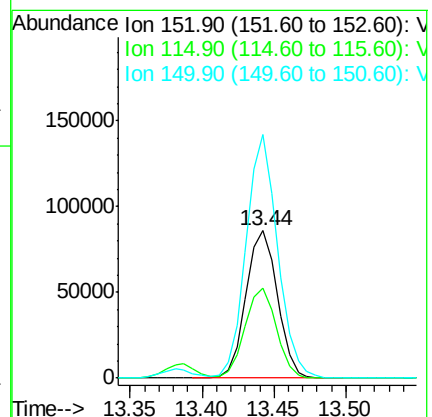
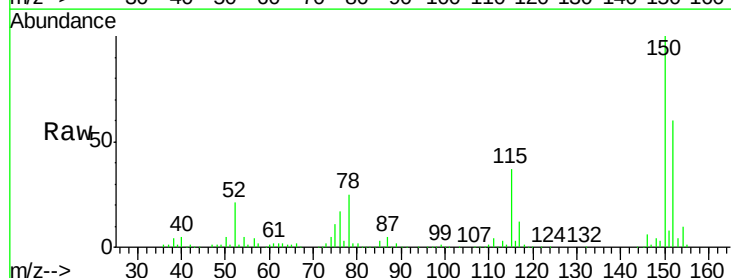
Tgt Ion:152 Resp: 130548

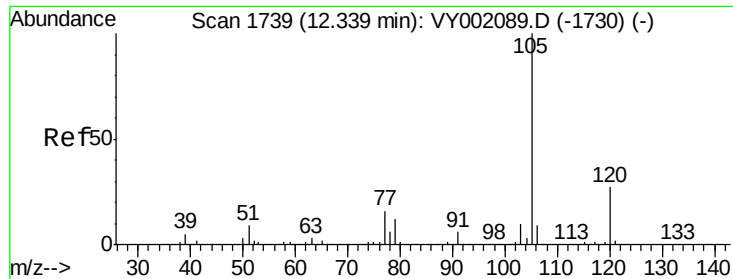
Ion Ratio Lower Upper

152 100

115 61.2 31.2 93.6

150 164.5 0.0 354.8





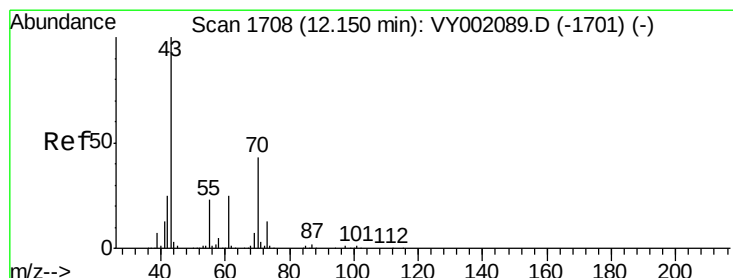
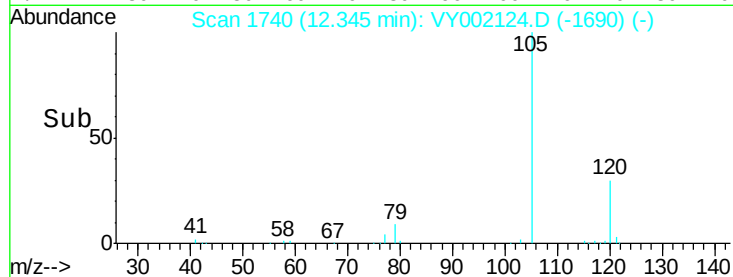
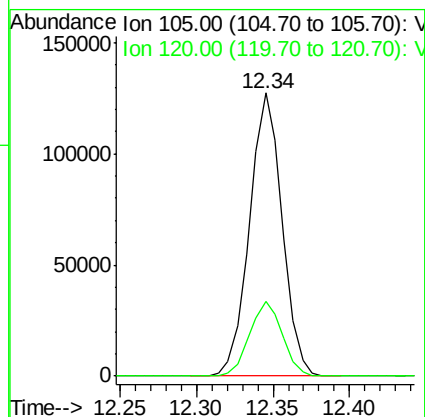
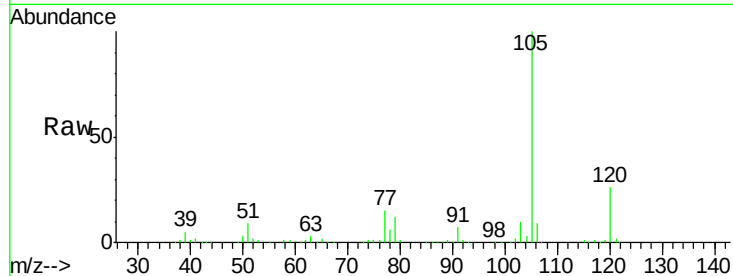
#73
Isopropylbenzene
Concen: 19.478 ug/l
RT: 12.34 min Scan# 1740
Delta R.T. 0.01 min
Lab File: VY002124.D
Acq: 31 Mar 2020 11:54

Instrument :
MSVOA_Y
ClientSampleId :
VY0331SBS01

Tot Ion:105 Resp: 188626
Ion Ratio Lower Upper
105 100
120 26.5 13.3 39.8

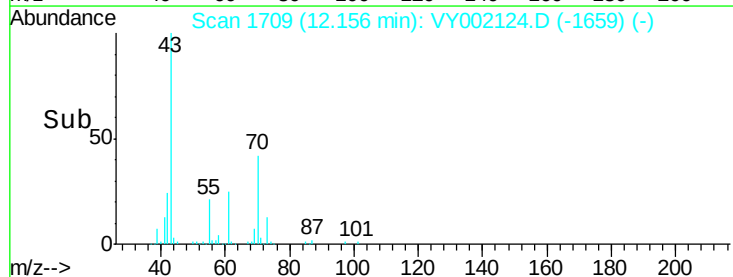
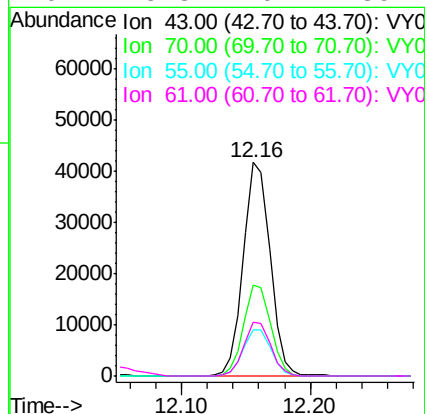
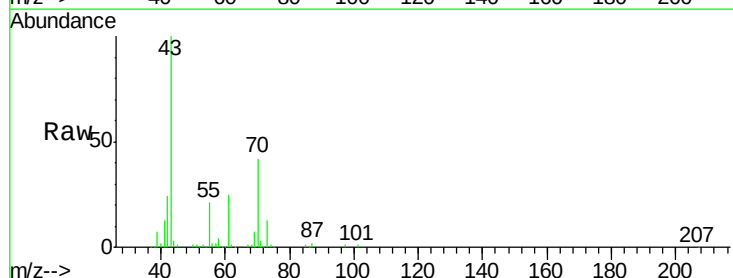
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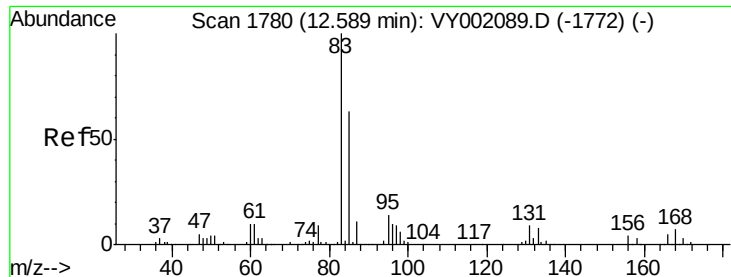
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#74
N-ethyl acetate
Concen: 19.737 ug/l
RT: 12.16 min Scan# 1709
Delta R.T. 0.01 min
Lab File: VY002124.D
Acq: 31 Mar 2020 11:54

Tgt Ion: 43 Resp: 60284
Ion Ratio Lower Upper
43 100
70 42.9 35.0 52.4
55 22.7 18.7 28.1
61 25.3 20.2 30.2





#75

1,1,2,2-Tetrachloroethane

Concen: 19.955 ug/l

RT: 12.60 min Scan# 1782

Delta R.T. 0.01 min

Lab File: VY002124.D

Acq: 31 Mar 2020 11:54

Instrument :

MSVOA_Y

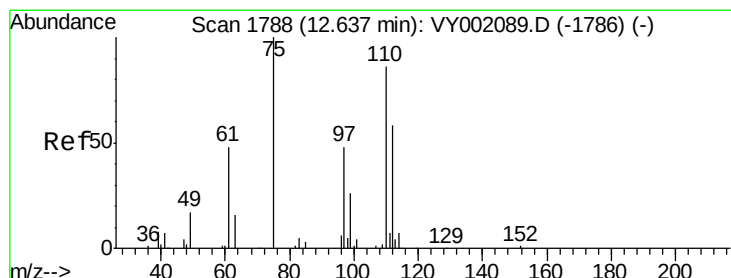
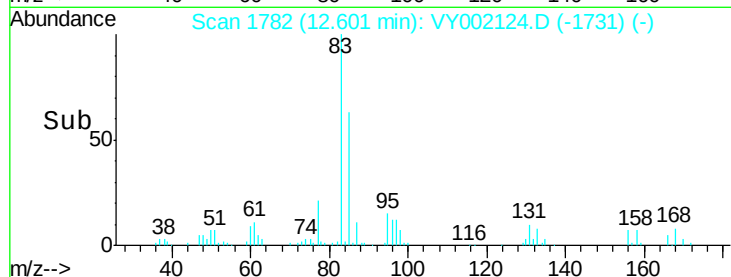
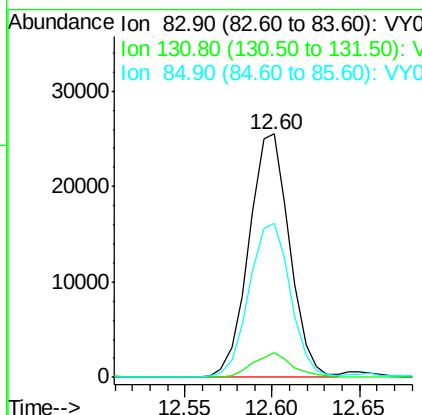
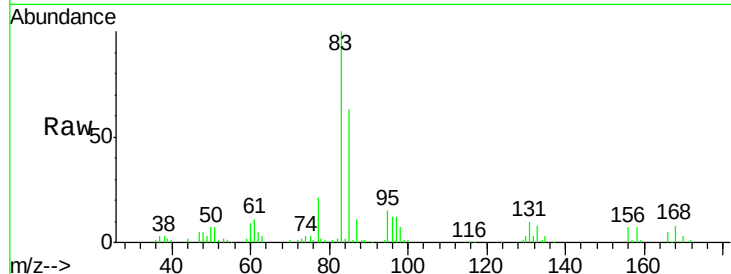
ClientSampleId :

VY0331SBS01

Tot Ion:	83	Resp:	41585
Ion Ratio	Lower	Upper	
83	100		
131	9.7	4.7	14.1
85	64.4	32.4	97.0

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#76

1,2,3-Trichloropropane

Concen: 18.826 ug/l m

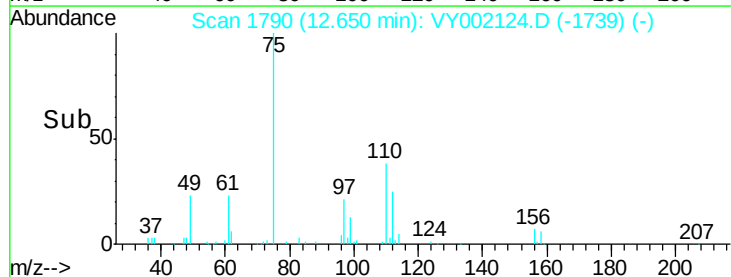
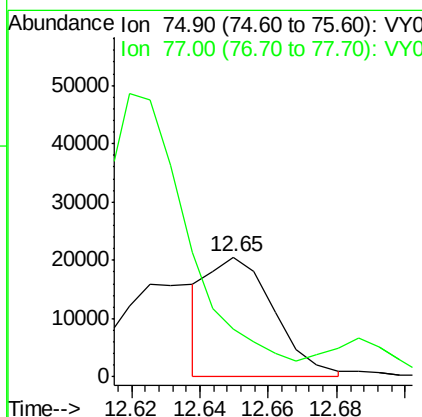
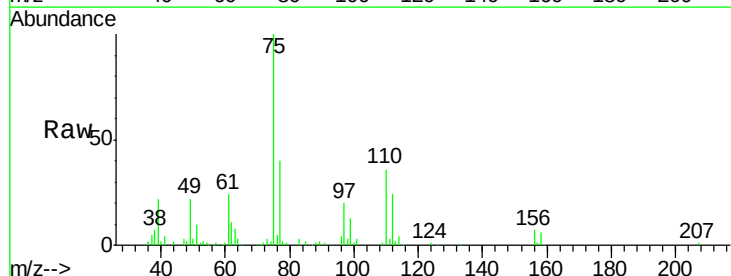
RT: 12.65 min Scan# 1790

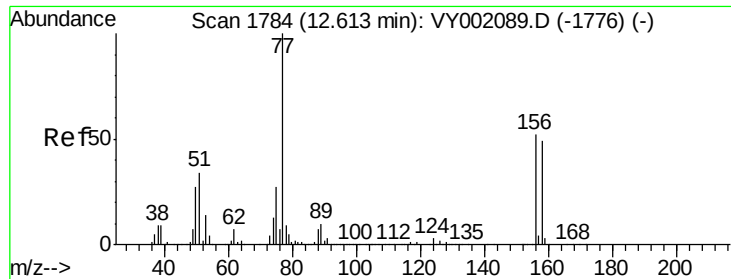
Delta R.T. 0.01 min

Lab File: VY002124.D

Acq: 31 Mar 2020 11:54

Tgt Ion:	75	Resp:	27491
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





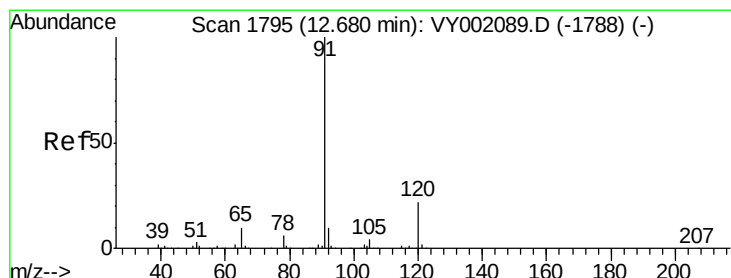
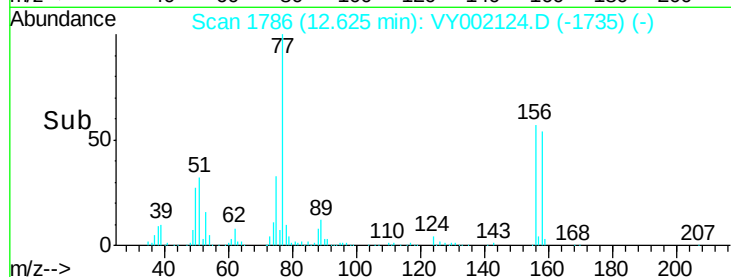
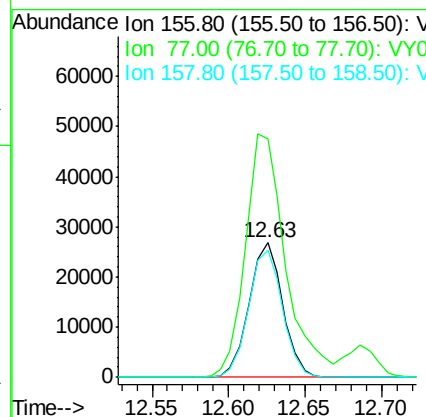
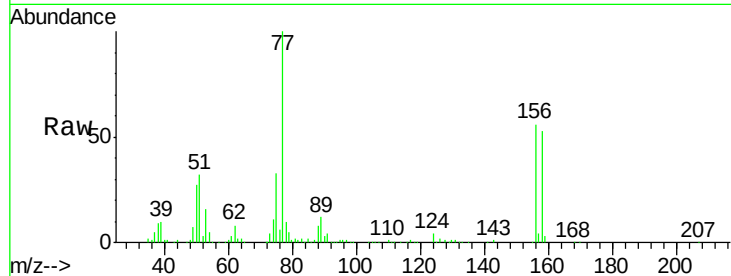
#77
Bromobenzene
Concen: 19.741 ug/l
RT: 12.63 min Scan# 1786
Delta R.T. 0.01 min
Lab File: VY002124.D
Acq: 31 Mar 2020 11:54

Instrument :
MSVOA_Y
ClientSampleId :
VY0331SBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	216.6	107.8	323.6
158	96.0	47.5	142.6

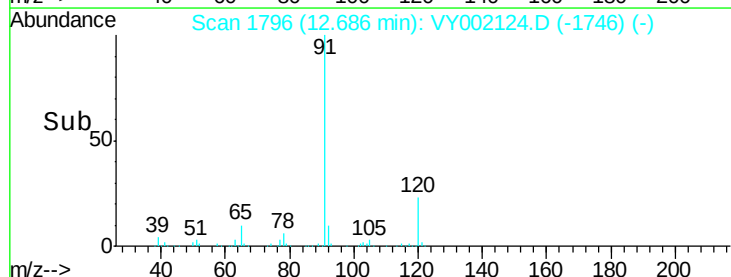
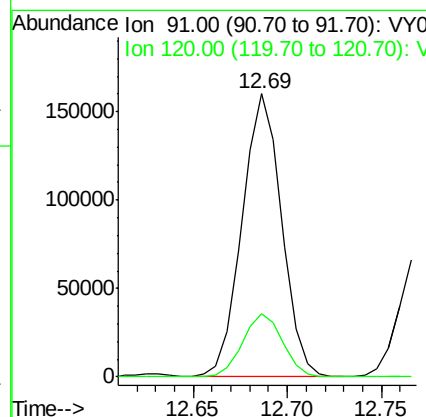
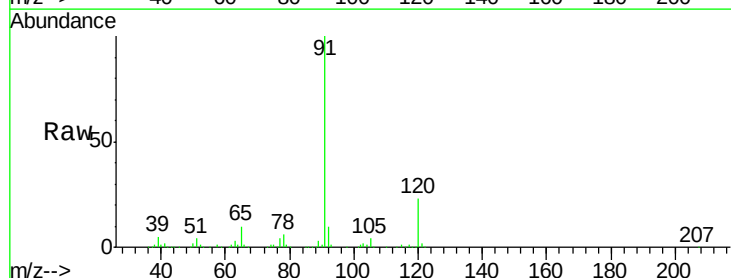
Manual Integrations
APPROVED

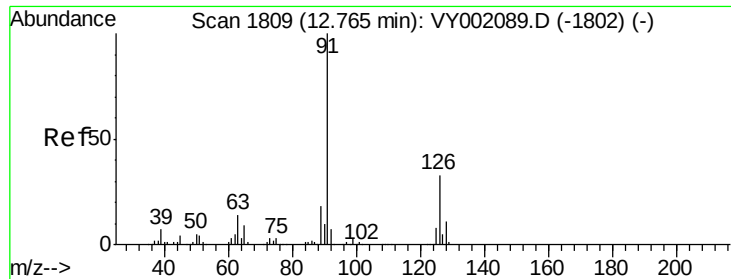
MMDadoda
4/1/2020 7:29:20 PM



#78
n-propylbenzene
Concen: 19.355 ug/l
RT: 12.69 min Scan# 1796
Delta R.T. 0.01 min
Lab File: VY002124.D
Acq: 31 Mar 2020 11:54

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.7	11.1	33.1





#79

2-Chlorotoluene

Concen: 19.429 ug/l

RT: 12.77 min Scan# 1810

Delta R.T. 0.01 min

Lab File: VY002124.D

Acq: 31 Mar 2020 11:54

Instrument :

MSVOA_Y

ClientSampleId :

VY0331SBS01

Tot Ion: 91 Resp: 128198

Ion Ratio Lower Upper

91 100

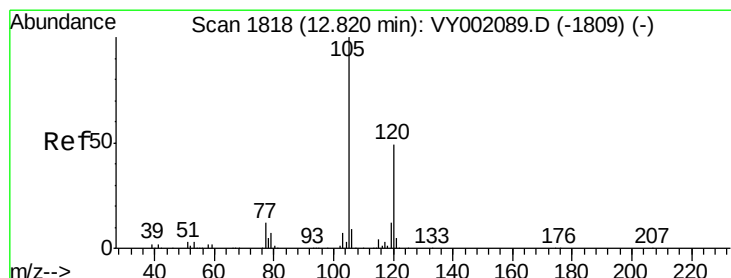
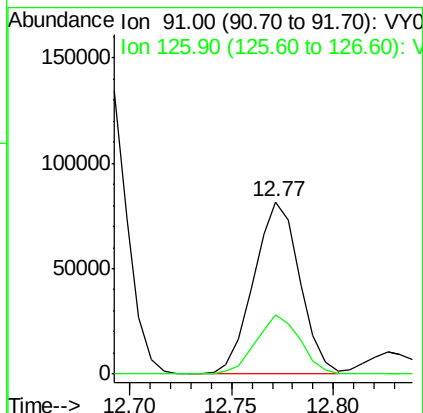
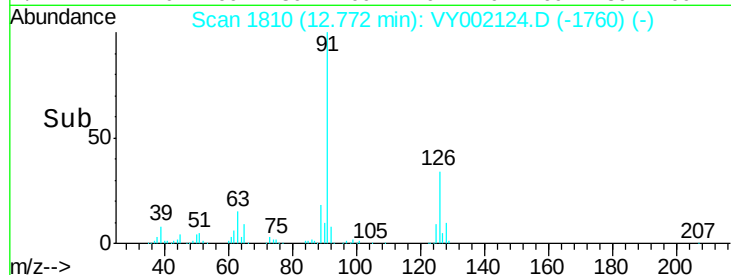
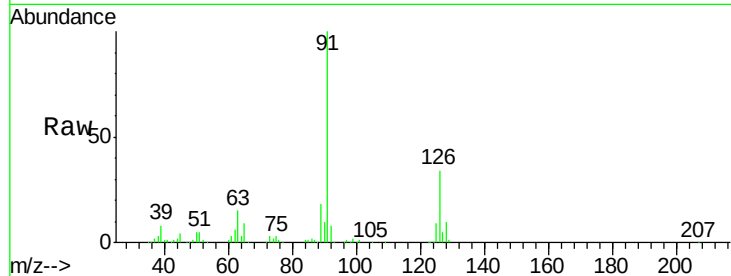
126 33.0 16.4 49.1

Manual Integrations

APPROVED

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#80

1,3,5-Trimethylbenzene

Concen: 19.630 ug/l

RT: 12.83 min Scan# 1819

Delta R.T. 0.01 min

Lab File: VY002124.D

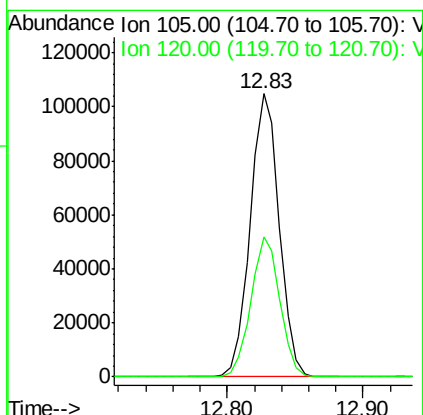
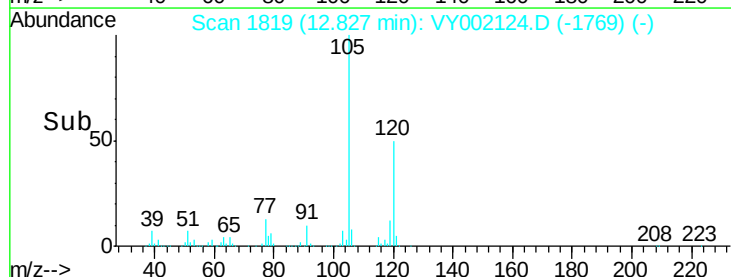
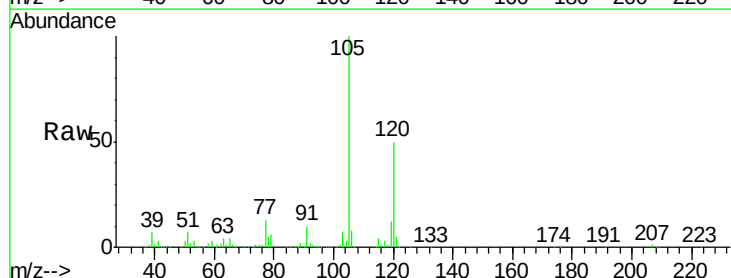
Acq: 31 Mar 2020 11:54

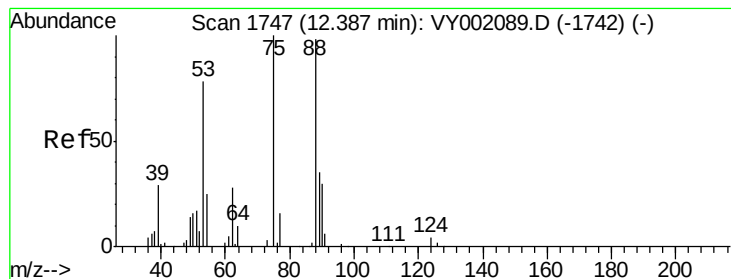
Tgt Ion: 105 Resp: 156835

Ion Ratio Lower Upper

105 100

120 49.1 24.1 72.4





#81

trans-1,4-Dichloro-2-butene

Concen: 19.786 ug/l

RT: 12.39 min Scan# 1748

Delta R.T. 0.01 min

Lab File: VY002124.D

Acq: 31 Mar 2020 11:54

Instrument :

MSVOA_Y

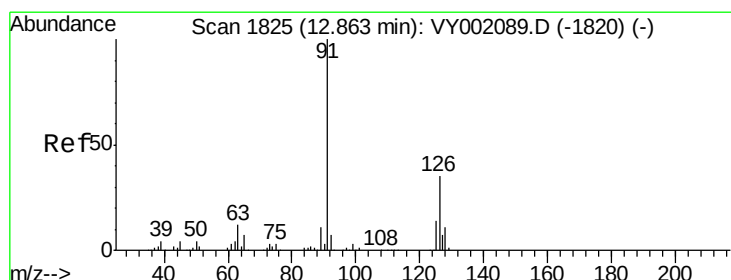
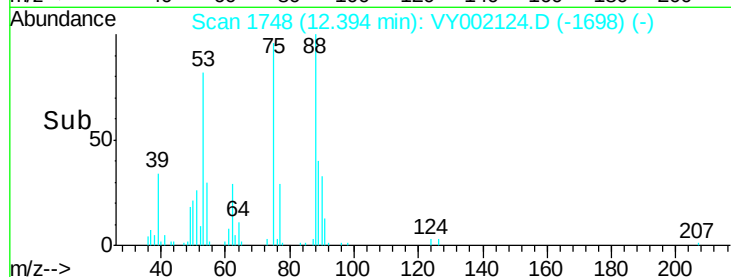
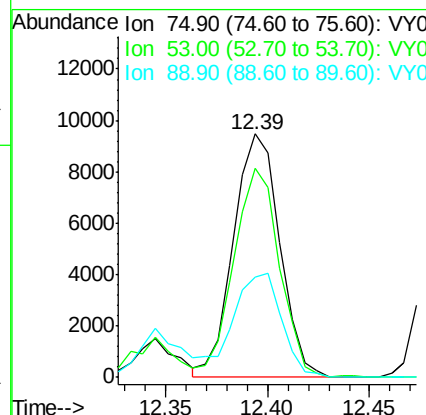
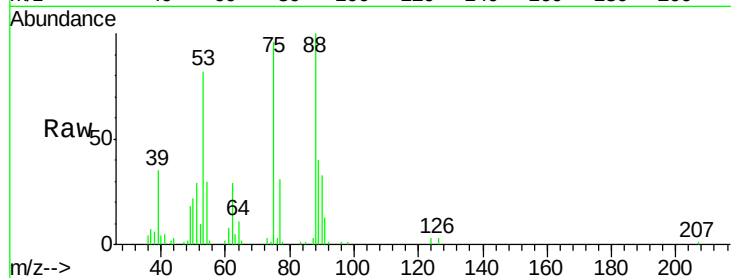
ClientSampleId :

VY0331SBS01

Tot Ion:	75	Resp:	14914
Ion	Ratio	Lower	Upper
75	100		
53	84.9	65.0	97.4
89	46.1	33.4	50.0

Manual Integrations
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#82

4-Chlorotoluene

Concen: 19.352 ug/l

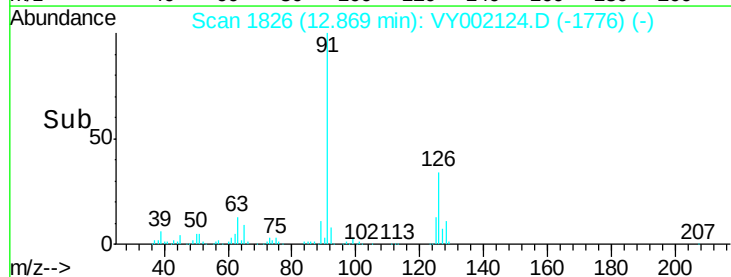
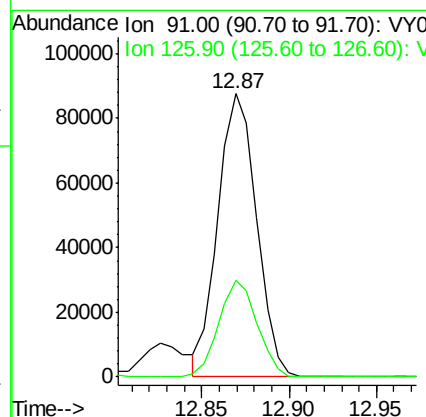
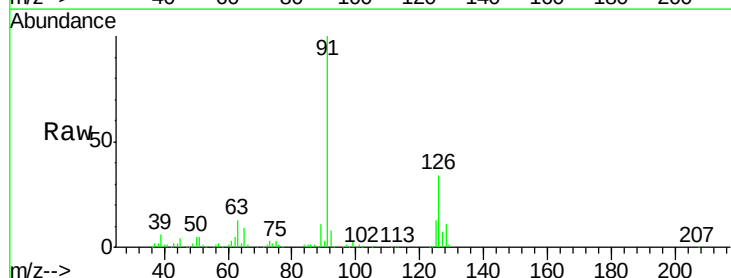
RT: 12.87 min Scan# 1826

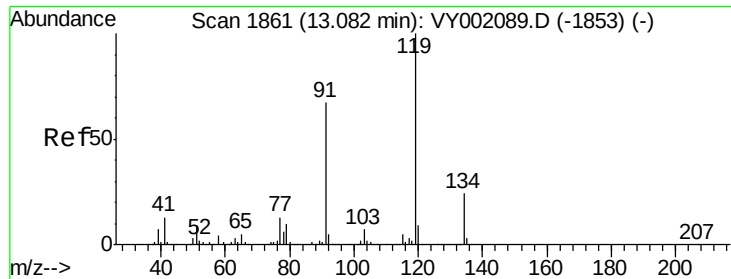
Delta R.T. 0.01 min

Lab File: VY002124.D

Acq: 31 Mar 2020 11:54

Tgt Ion:	91	Resp:	134561
Ion	Ratio	Lower	Upper
91	100		
126	33.8	16.3	48.9





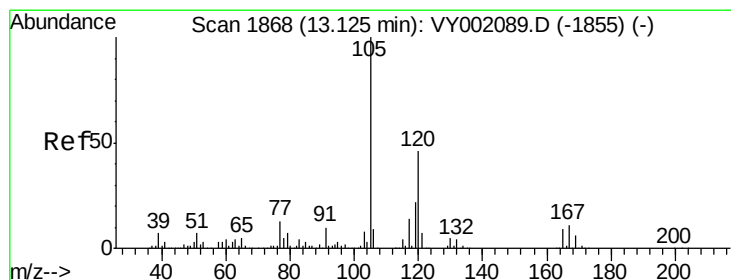
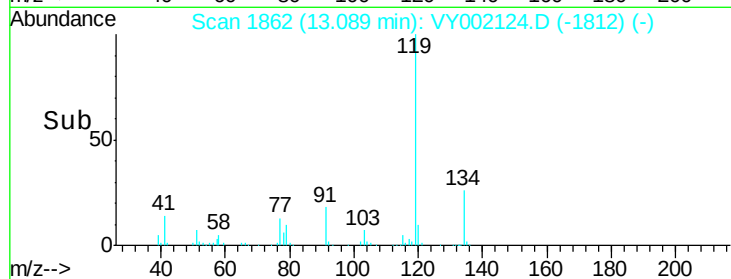
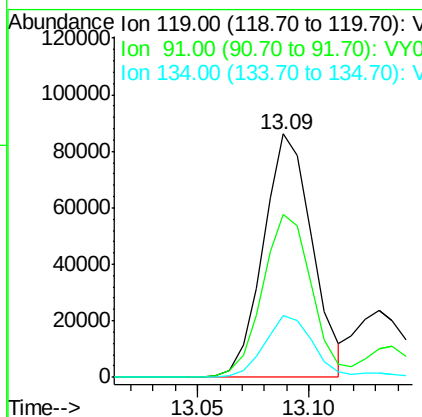
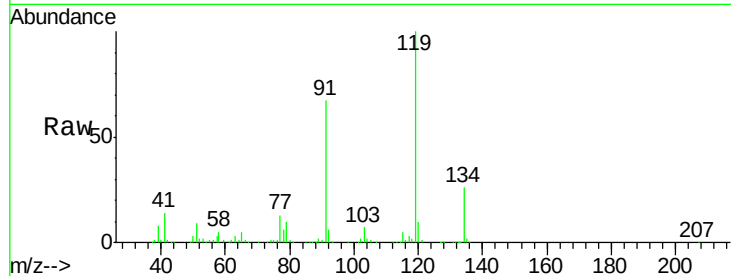
#83
tert-Butylbenzene
Concen: 19.684 ug/l
RT: 13.09 min Scan# 1862
Delta R.T. 0.01 min
Lab File: VY002124.D
Acq: 31 Mar 2020 11:54

Instrument :
MSVOA_Y
ClientSampleId :
VY0331SBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	131277		
91	67.6	32.9	98.6	
134	26.6	13.0	38.9	

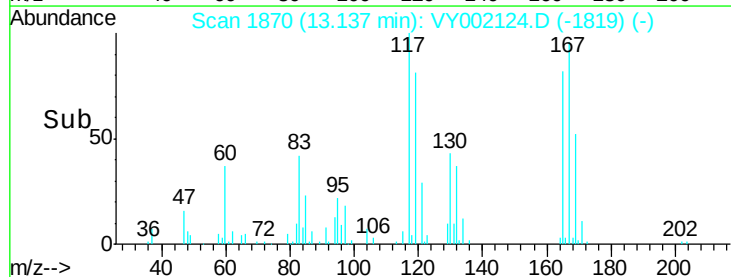
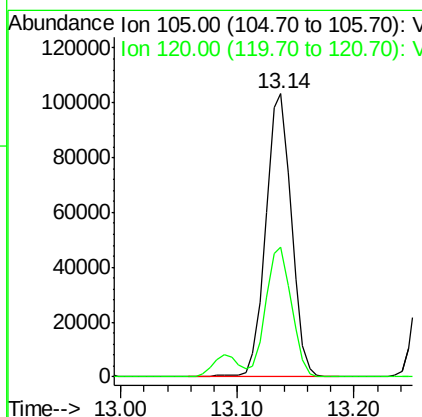
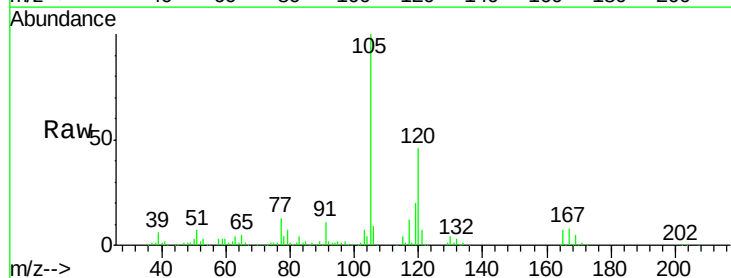
Manual Integrations
APPROVED

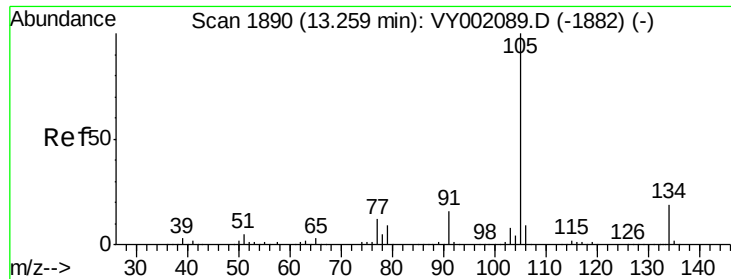
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 19.549 ug/l
RT: 13.14 min Scan# 1870
Delta R.T. 0.01 min
Lab File: VY002124.D
Acq: 31 Mar 2020 11:54

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	155835		
120	46.2	22.9	68.5	





#85

sec-Butylbenzene

Concen: 19.654 ug/l

RT: 13.27 min Scan# 1892

Delta R.T. 0.01 min

Lab File: VY002124.D

Acq: 31 Mar 2020 11:54

Instrument :

MSVOA_Y

ClientSampled :

VY0331SBS01

Tot Ion:105 Resp: 194143

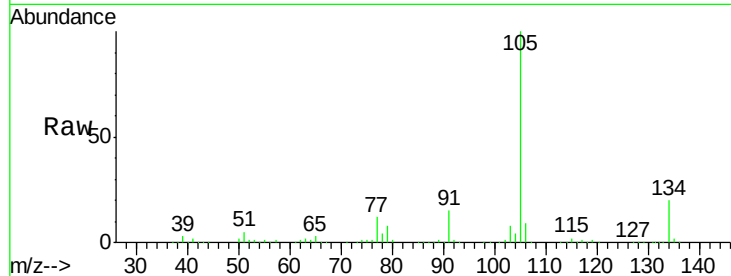
Ion Ratio Lower Upper

105 100

134 19.9 9.7 29.1

Manual Integrations
APPROVED

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

150000

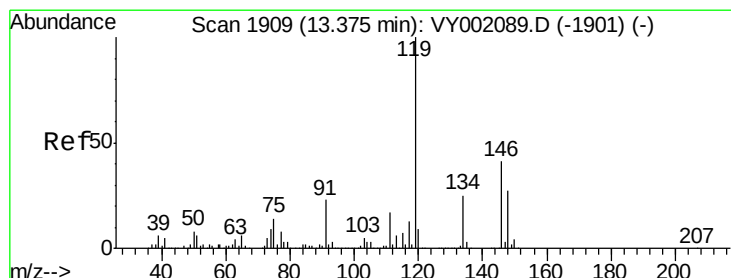
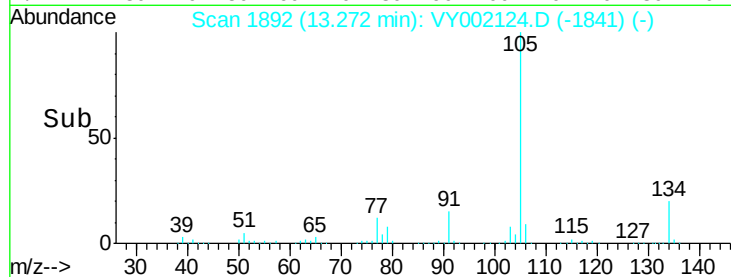
100000

50000

0

13.20 13.27 13.30

Time-->



#86

p-Isopropyltoluene

Concen: 19.939 ug/l

RT: 13.39 min Scan# 1911

Delta R.T. 0.01 min

Lab File: VY002124.D

Acq: 31 Mar 2020 11:54

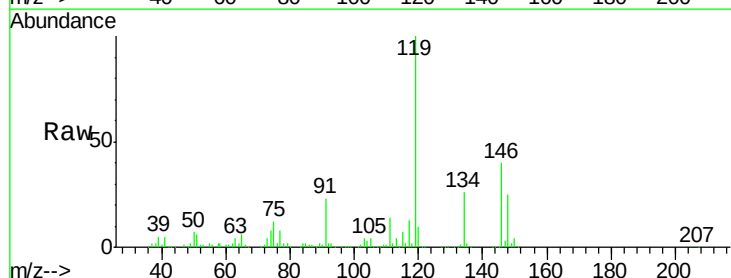
Tgt Ion:119 Resp: 169141

Ion Ratio Lower Upper

119 100

134 26.8 13.1 39.3

91 23.6 11.8 35.3



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

150000

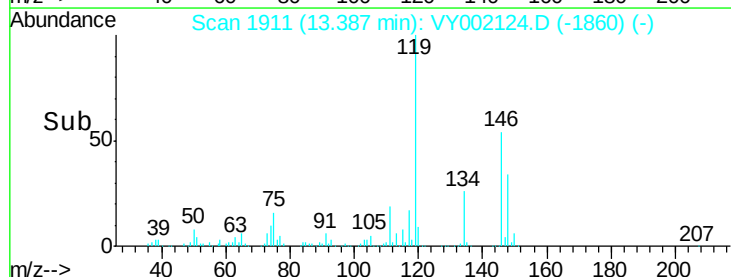
100000

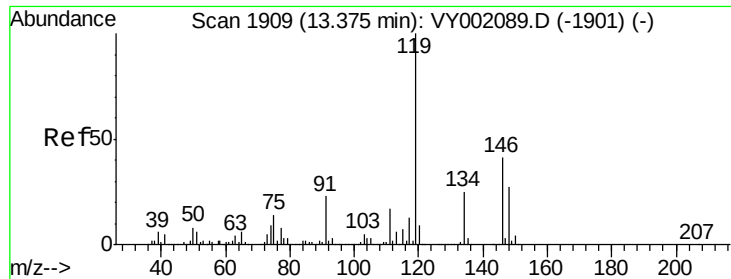
50000

0

13.35 13.39 13.45

Time-->





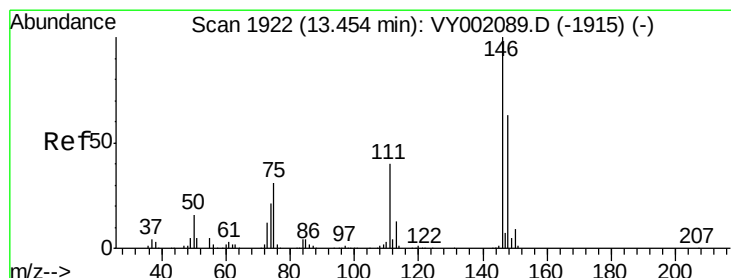
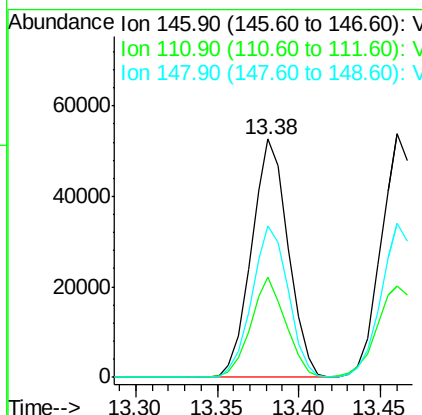
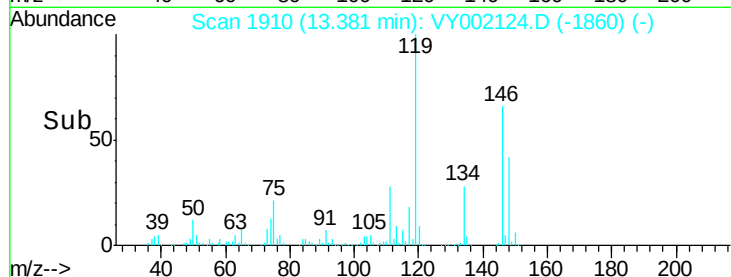
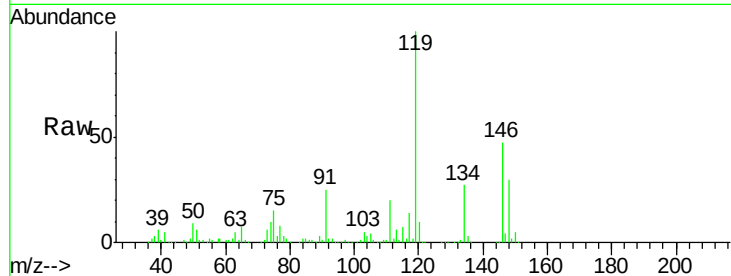
#87
 1,3-Dichlorobenzene
 Concen: 20.233 ug/l
 RT: 13.38 min Scan# 1910
 Delta R.T. 0.01 min
 Lab File: VY002124.D
 Acq: 31 Mar 2020 11:54

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0331SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.1	20.9	62.8
148	63.0	32.1	96.5

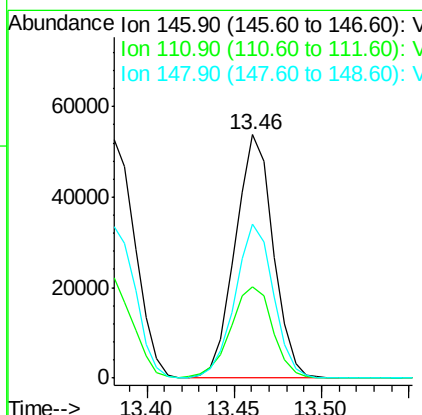
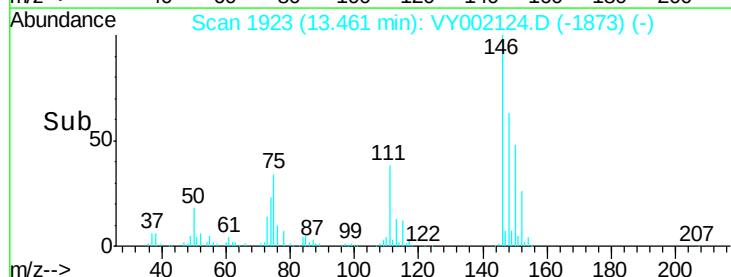
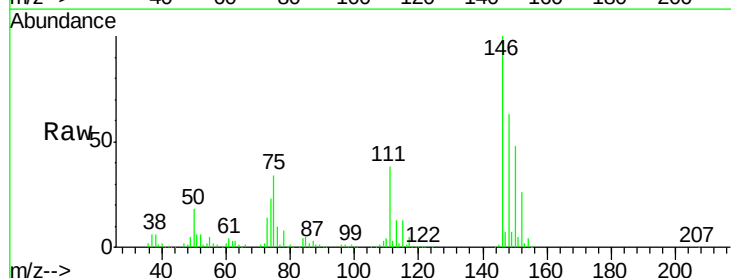
Manual Integrations
 APPROVED

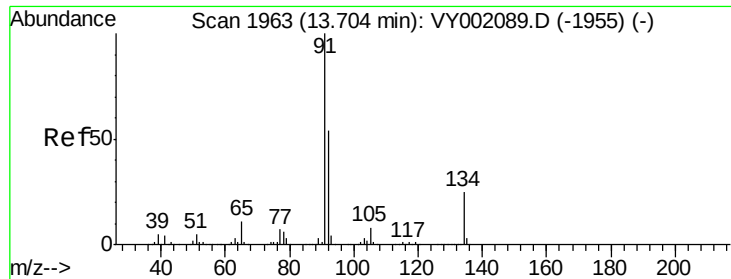
MMDadoda
 4/1/2020 7:29:20 PM



#88
 1,4-Dichlorobenzene
 Concen: 19.971 ug/l
 RT: 13.46 min Scan# 1923
 Delta R.T. 0.01 min
 Lab File: VY002124.D
 Acq: 31 Mar 2020 11:54

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.5	20.3	60.9
148	63.7	31.5	94.5





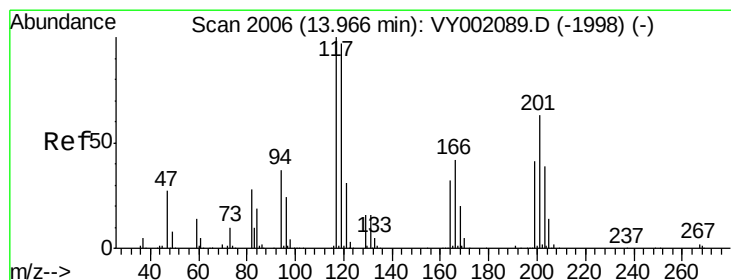
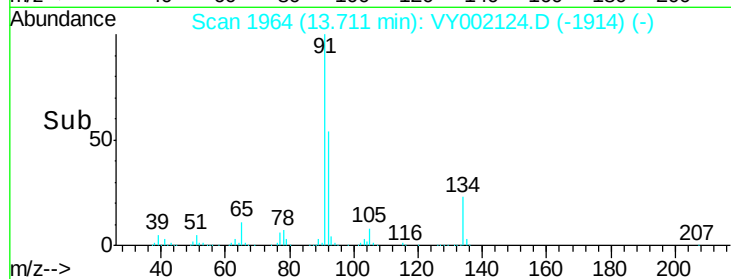
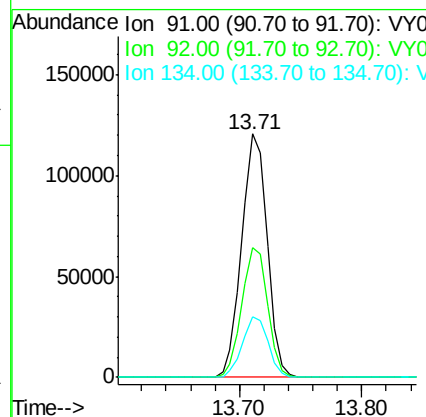
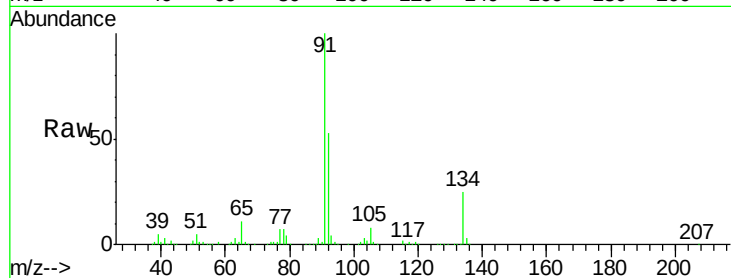
#89
n-Butylbenzene
Concen: 19.661 ug/l
RT: 13.71 min Scan# 1964
Delta R.T. 0.01 min
Lab File: VY002124.D
Acq: 31 Mar 2020 11:54

Instrument :
MSVOA_Y
ClientSampleId :
VY0331SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.0	27.0	81.0
134	25.0	12.3	36.8

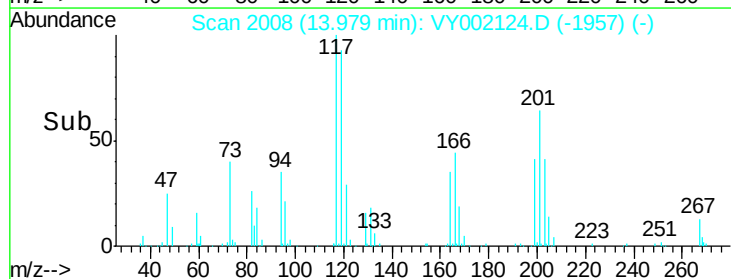
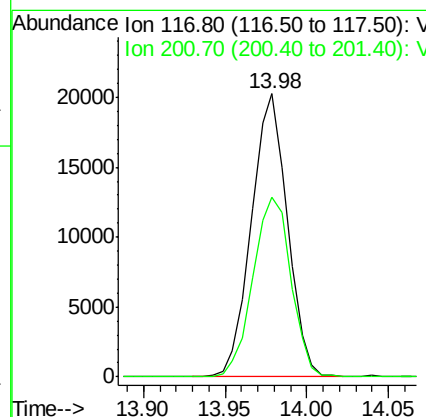
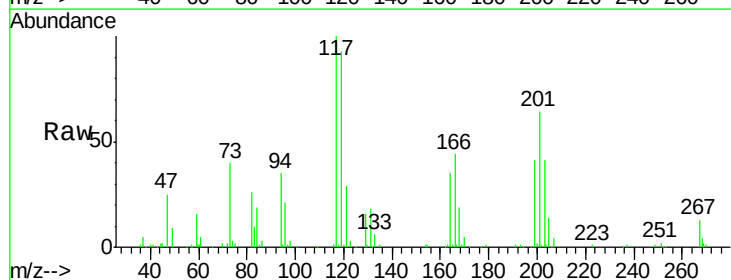
Manual Integrations
APPROVED

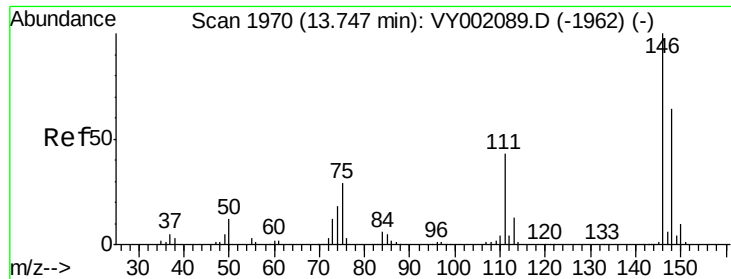
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#90
Hexachloroethane
Concen: 19.559 ug/l
RT: 13.98 min Scan# 2008
Delta R.T. 0.01 min
Lab File: VY002124.D
Acq: 31 Mar 2020 11:54

Tgt Ion	Ratio	Lower	Upper
117	100		
201	66.9	31.6	94.8





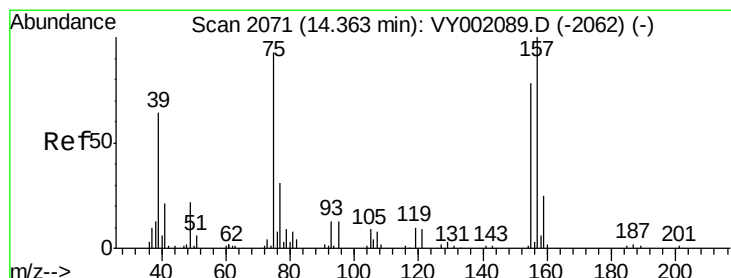
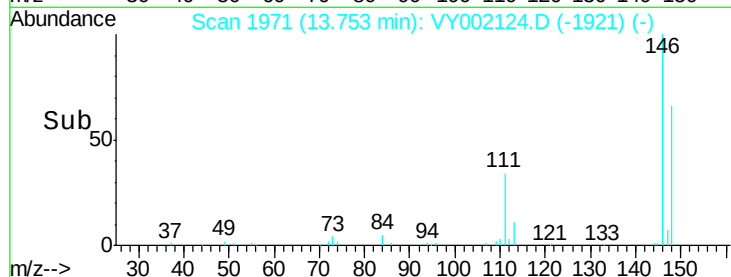
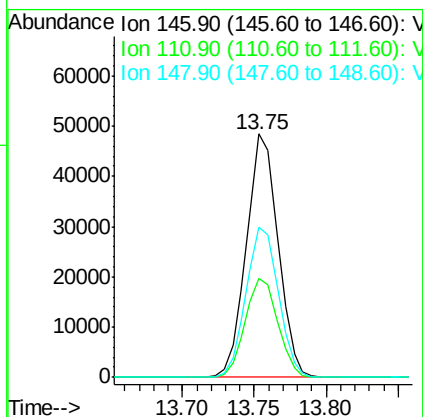
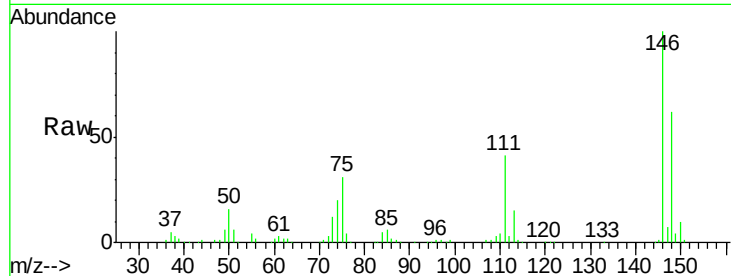
#91
 1,2-Dichlorobenzene
 Concen: 19.708 ug/l
 RT: 13.75 min Scan# 1971
 Delta R.T. 0.01 min
 Lab File: VY002124.D
 Acq: 31 Mar 2020 11:54

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0331SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.9	21.3	63.7
148	63.0	31.8	95.4

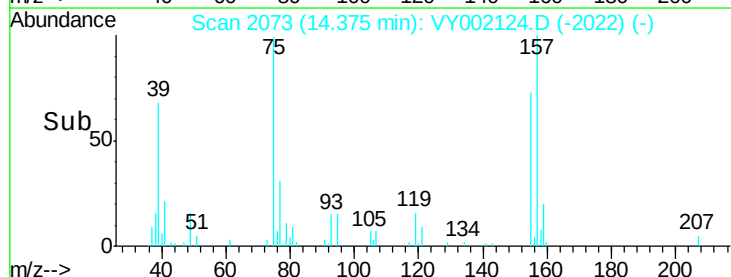
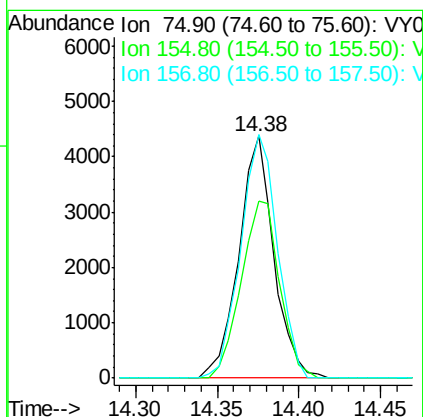
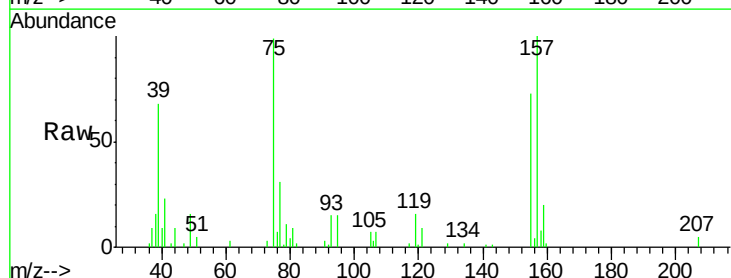
Manual Integrations
 APPROVED

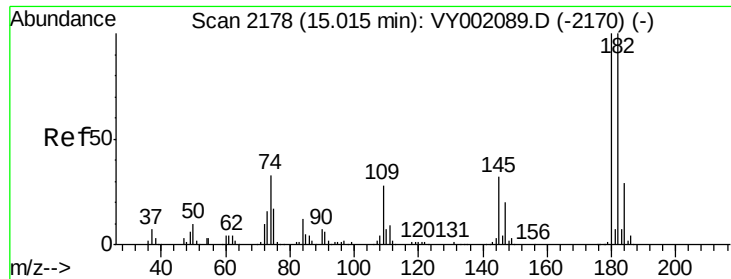
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 4/1/2020 7:29:20 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.547 ug/l
 RT: 14.38 min Scan# 2073
 Delta R.T. 0.01 min
 Lab File: VY002124.D
 Acq: 31 Mar 2020 11:54

Tgt Ion	Ratio	Lower	Upper
75	100		
155	80.3	41.6	124.9
157	105.7	53.4	160.3





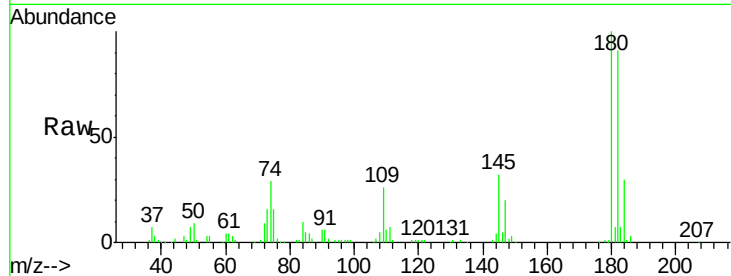
#93
1,2,4-Trichlorobenzene
Concen: 19.481 ug/l
RT: 15.03 min Scan# 2180
Delta R.T. 0.01 min
Lab File: VY002124.D
Acq: 31 Mar 2020 11:54

Instrument :
MSVOA_Y
ClientSampleId :
VY0331SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	46896		
182	94.6	48.1	144.3	
145	31.9	15.9	47.6	

Manual Integrations
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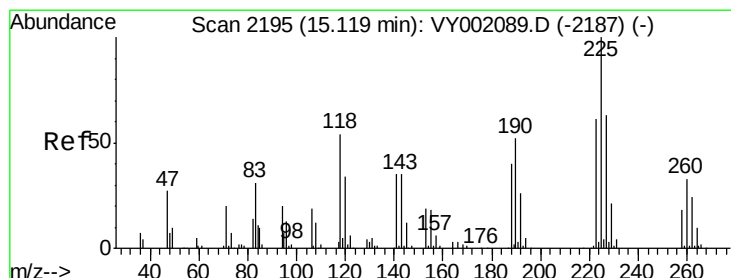
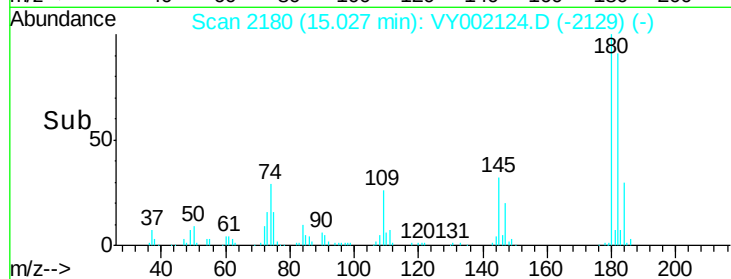
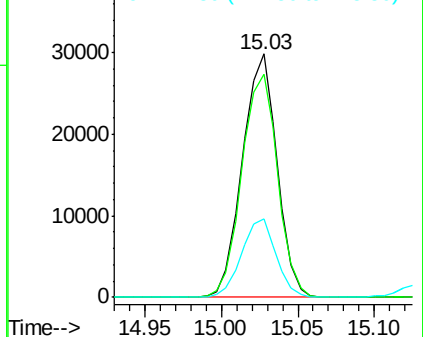


Abundance

Ion 179.80 (179.50 to 180.50): V

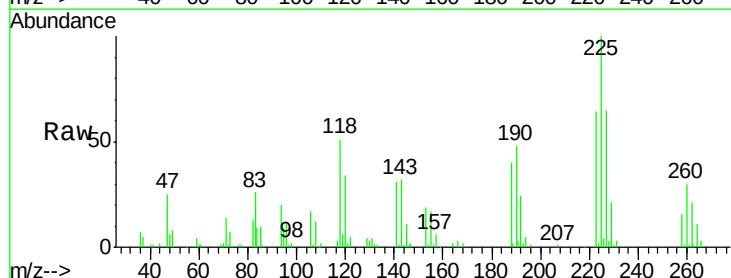
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
Hexachlorobutadiene
Concen: 19.435 ug/l
RT: 15.13 min Scan# 2197
Delta R.T. 0.01 min
Lab File: VY002124.D
Acq: 31 Mar 2020 11:54

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	23094		
223	63.3	31.1	93.3	
227	66.2	31.6	94.7	

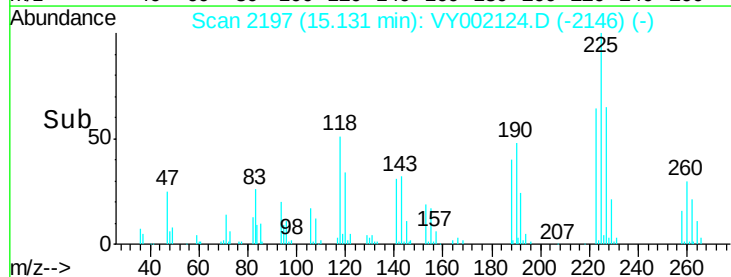
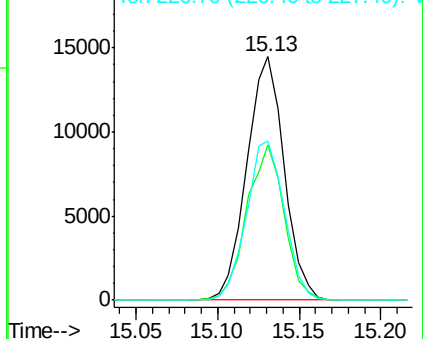


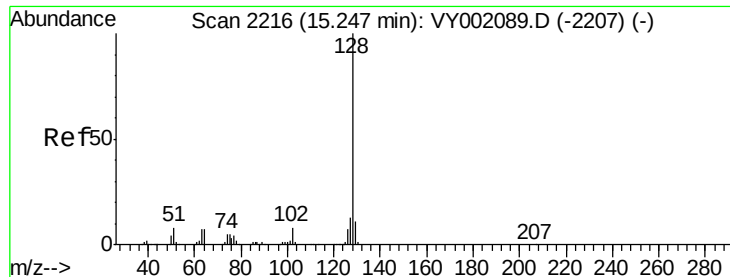
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





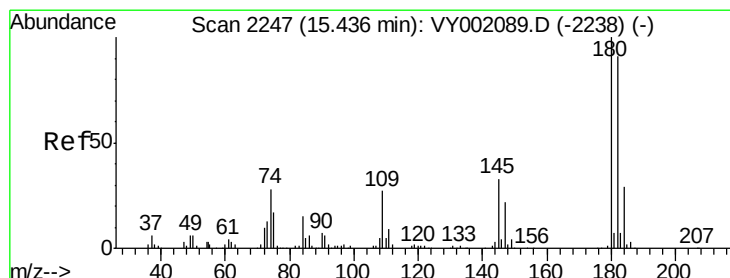
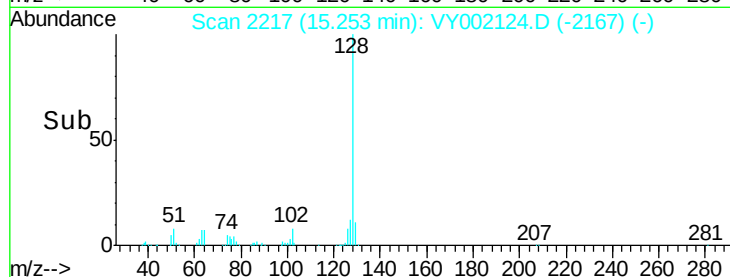
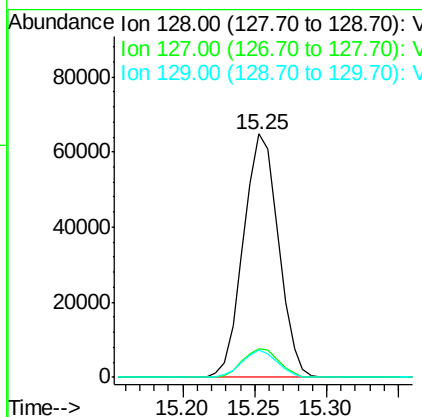
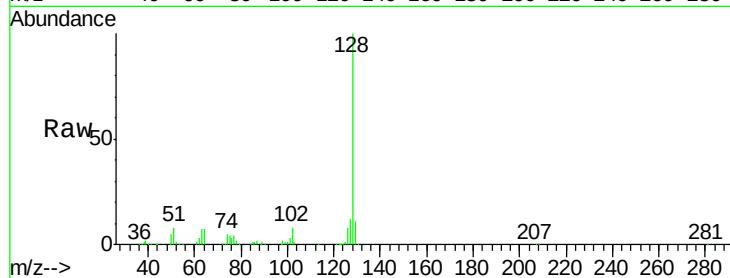
#95
Naphthalene
Concen: 19.078 ug/l
RT: 15.25 min Scan# 2217
Delta R.T. 0.01 min
Lab File: VY002124.D
Acq: 31 Mar 2020 11:54

Instrument :
MSVOA_Y
ClientSampleId :
VY0331SBS01

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
127	12.1	9.8	14.8	
129	11.2	8.6	13.0	

Manual Integrations
APPROVED

MMDadoda
4/1/2020 7:29:20 PM



#96
1,2,3-Trichlorobenzene
Concen: 19.462 ug/l
RT: 15.44 min Scan# 2248
Delta R.T. 0.01 min
Lab File: VY002124.D
Acq: 31 Mar 2020 11:54

Tgt Ion	Ratio	Resp	Lower	Upper
180	100			
182	94.1	46.8	140.3	
145	33.3	16.7	50.1	

