

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY010220\
 Data File : VY001136.D
 Acq On : 02 Jan 2020 16:03
 Operator : SY/MD
 Sample : VY0102SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0102SBS01

Manual Integrations
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 1/3/2020 11:13:22 AM

Quant Time: Jan 02 23:28:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y010220S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 02 13:16:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	369133	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	608942	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	527110	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	243528	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	154443	50.25	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	100.50%	
35) Dibromofluoromethane	7.72	113	177525	51.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.54%	
50) Toluene-d8	10.18	98	712084	56.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.50%	
62) 4-Bromofluorobenzene	12.48	95	235453	48.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.80%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	63439	23.337	ug/l	100
3) Chloromethane	2.12	50	60802	32.226	ug/l	97
4) Vinyl Chloride	2.26	62	58577	30.536	ug/l	92
5) Bromomethane	2.64	94	40382	28.982	ug/l	99
6) Chloroethane	2.79	64	38156	29.309	ug/l	100
7) Trichlorofluoromethane	3.13	101	117259	22.711	ug/l	97
8) Diethyl Ether	3.54	74	47037	26.064	ug/l	88
9) 1,1,2-Trichlorotrifluoroet	3.90	101	82229	25.333	ug/l	97
10) Methyl Iodide	4.10	142	117837	22.657	ug/l	97
11) Tert butyl alcohol	4.97	59	37019	124.601	ug/l	98
12) 1,1-Dichloroethene	3.88	96	84071	25.102	ug/l	90
13) Acrolein	3.74	56	39390	146.202	ug/l	99
14) Allyl chloride	4.48	41	92693	23.924	ug/l	99
15) Acrylonitrile	5.18	53	102918	120.556	ug/l	99
16) Acetone	3.96	43	71097	132.993	ug/l	91
17) Carbon Disulfide	4.19	76	253673	24.288	ug/l	100
18) Methyl Acetate	4.49	43	46043	24.636	ug/l	99
19) Methyl tert-butyl Ether	5.22	73	194858	23.339	ug/l	99
20) Methylene Chloride	4.72	84	100775	24.914	ug/l	98
21) trans-1,2-Dichloroethene	5.22	96	91848	23.883	ug/l	97
22) Diisopropyl ether	6.13	45	192915	25.446	ug/l	96
23) Vinyl Acetate	6.07	43	598511	119.424	ug/l	99
24) 1,1-Dichloroethane	6.02	63	132051	25.198	ug/l	98
25) 2-Butanone	6.99	43	108063	111.645	ug/l	97
26) 2,2-Dichloropropane	6.99	77	119554	21.145	ug/l	98
27) cis-1,2-Dichloroethene	6.99	96	99083	21.930	ug/l	98
28) Bromochloromethane	7.34	49	39449	20.083	ug/l	98
29) Tetrahydrofuran	7.35	42	71759	110.240	ug/l	96
30) Chloroform	7.52	83	133254	20.831	ug/l	99
31) Cyclohexane	7.79	56	128122	21.085	ug/l	96
32) 1,1,1-Trichloroethane	7.71	97	121456	20.339	ug/l	99
36) 1,1-Dichloropropene	7.93	75	109134	20.543	ug/l	99
37) Ethyl Acetate	7.08	43	47616	21.547	ug/l	98
38) Carbon Tetrachloride	7.91	117	111938	20.278	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.18	83	151394	20.569	ug/l	93
40) Benzene	8.16	78	338068	20.669	ug/l	99
41) Methacrylonitrile	7.32	41	23986m	23.883	ug/l	
42) 1,2-Dichloroethane	8.24	62	79409	20.399	ug/l	98
43) Isopropyl Acetate	8.28	43	89308	20.569	ug/l	100
44) Trichloroethene	8.94	130	100821	20.602	ug/l	92
45) 1,2-Dichloropropane	9.22	63	74838	20.601	ug/l	100
46) Dibromomethane	9.31	93	44515	20.804	ug/l	97
47) Bromodichloromethane	9.50	83	99794	20.729	ug/l	96
48) Methyl methacrylate	9.29	41	36640	19.809	ug/l	97
49) 1,4-Dioxane	9.30	88	12622	392.186	ug/l	99
51) 4-Methyl-2-Pentanone	10.07	43	232290	113.444	ug/l	98
52) Toluene	10.24	92	215449	21.628	ug/l	100
53) t-1,3-Dichloropropene	10.46	75	109113	21.697	ug/l	99
54) cis-1,3-Dichloropropene	9.92	75	129074	21.849	ug/l	96
55) 1,1,2-Trichloroethane	10.64	97	66273	21.426	ug/l	94
56) Ethyl methacrylate	10.51	69	86786	21.892	ug/l	98
57) 1,3-Dichloropropane	10.79	76	108569	22.468	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	154688	108.876	ug/l	98
59) 2-Hexanone	10.83	43	156129	112.859	ug/l	100
60) Dibromochloromethane	10.99	129	76801	21.684	ug/l	99
61) 1,2-Dibromoethane	11.09	107	65147	21.661	ug/l	99
64) Tetrachloroethene	10.72	164	104588	21.146	ug/l	97
65) Chlorobenzene	11.52	112	232882	20.773	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.59	131	79164	20.038	ug/l	100
67) Ethyl Benzene	11.59	91	405201	20.744	ug/l	99
68) m/p-Xylenes	11.70	106	313195	40.552	ug/l	100
69) o-Xylene	12.03	106	149812	20.431	ug/l	99
70) Styrene	12.04	104	251846	20.292	ug/l	99
71) Bromoform	12.20	173	43924	18.883	ug/l #	97
73) Isopropylbenzene	12.33	105	388308	21.145	ug/l	100
74) N-amyl acetate	12.14	43	75602	21.713	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	68273	21.035	ug/l	97
76) 1,2,3-Trichloropropane	12.63	75	49146m	19.078	ug/l	
77) Bromobenzene	12.61	156	91674	20.648	ug/l	97
78) n-propylbenzene	12.67	91	464124	21.375	ug/l	99
79) 2-Chlorotoluene	12.75	91	252486	21.011	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	320357	20.621	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	26160	21.052	ug/l	96
82) 4-Chlorotoluene	12.85	91	259879	21.040	ug/l	99
83) tert-Butylbenzene	13.07	119	275432	20.807	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	321524	20.671	ug/l	97
85) sec-Butylbenzene	13.25	105	393266	21.212	ug/l	99
86) p-Isopropyltoluene	13.37	119	352183	21.094	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	174012	20.940	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	172632	20.634	ug/l	98
89) n-Butylbenzene	13.69	91	333595	21.287	ug/l	98
90) Hexachloroethane	13.96	117	63924	20.670	ug/l	98
91) 1,2-Dichlorobenzene	13.74	146	158947	20.855	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	11921	20.821	ug/l	96

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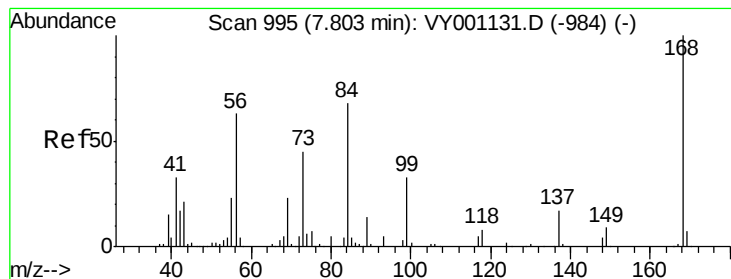
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	111671	21.273	ug/l	97
94) Hexachlorobutadiene	15.11	225	54590	20.533	ug/l	97
95) Naphthalene	15.23	128	252491	21.076	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	101969	21.707	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY001136.D

Acq: 02 Jan 2020 16:03

Instrument :

MSVOA_Y

ClientSampleId :

VY0102SBS01

Tot Ion:168 Resp: 369133

Ion Ratio Lower Upper

168 100

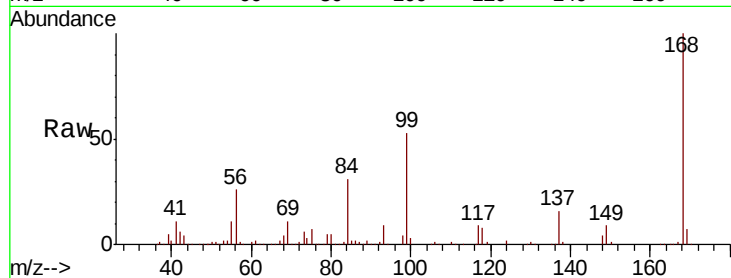
99 52.8 42.5 63.7

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Abundance Ion 167.90 (167.60 to 168.60): VY001131.D (-984) (-)

Ion 98.90 (98.60 to 99.60): VY001131.D (-984) (-)

7.80

150000

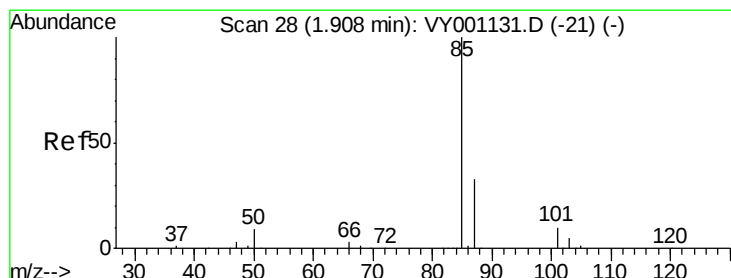
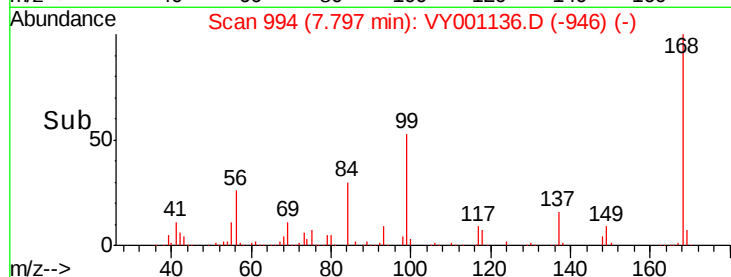
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50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 23.337 ug/l

RT: 1.90 min Scan# 27

Delta R.T. -0.01 min

Lab File: VY001136.D

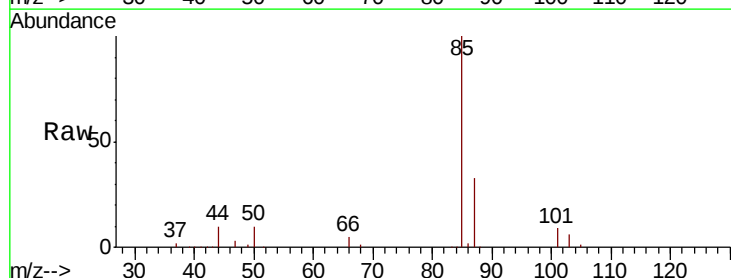
Acq: 02 Jan 2020 16:03

Tgt Ion: 85 Resp: 63439

Ion Ratio Lower Upper

85 100

87 33.0 16.6 49.7



Abundance Ion 84.90 (84.60 to 85.60): VY001131.D (-21) (-)

Ion 86.90 (86.60 to 87.60): VY001131.D (-21) (-)

1.90

40000

30000

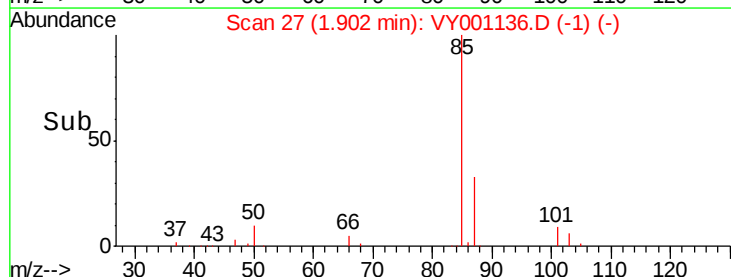
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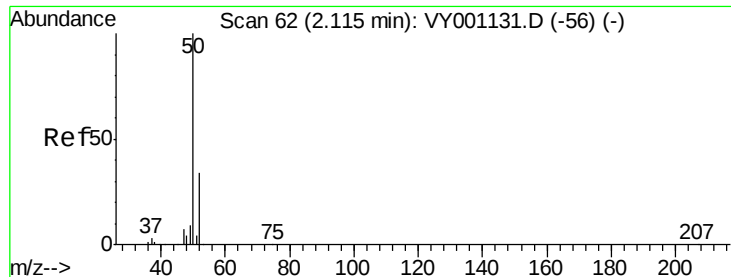
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0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 32.226 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY001136.D

Acq: 02 Jan 2020 16:03

Tot Ion: 50 Resp: 60802

Ion Ratio Lower Upper

50 100

52 32.5 27.3 40.9

Instrument :

MSVOA_Y

ClientSampleId :

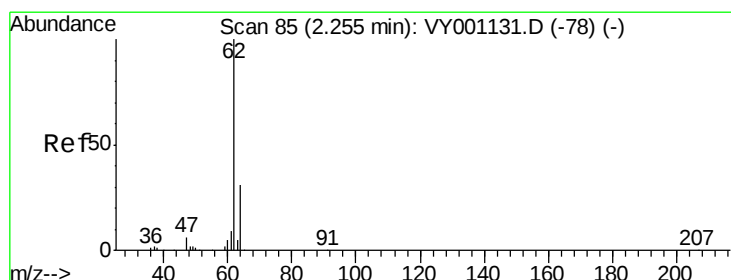
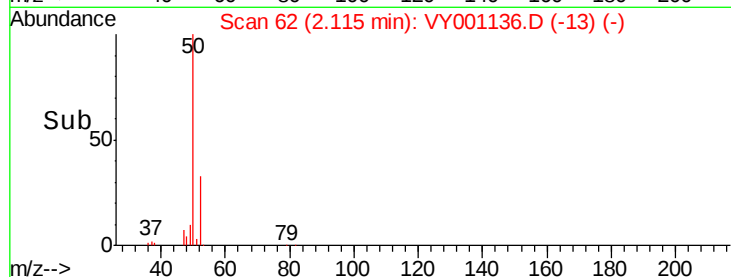
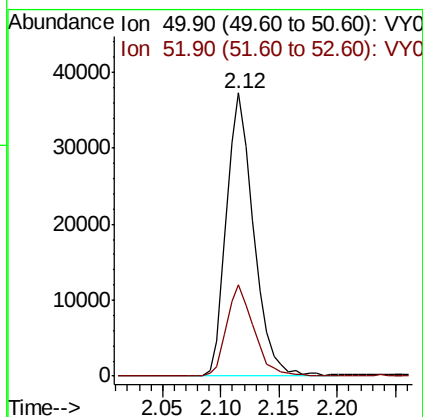
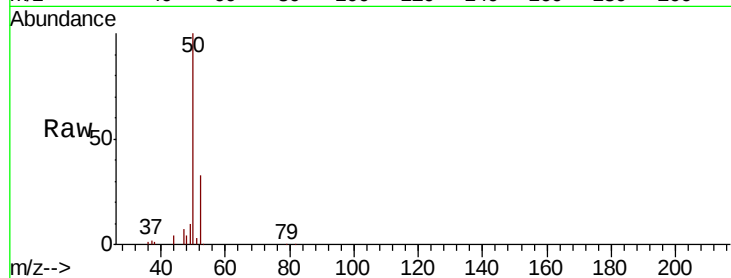
VY0102SBS01

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#4

Vinyl Chloride

Concen: 30.536 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.00 min

Lab File: VY001136.D

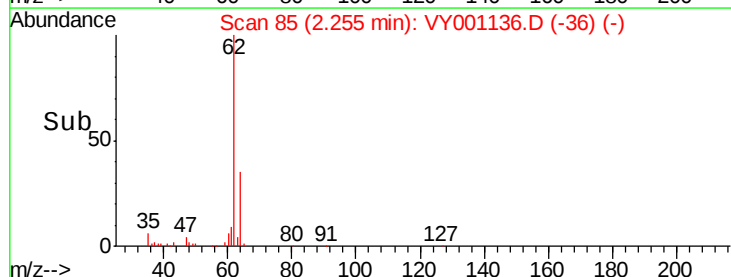
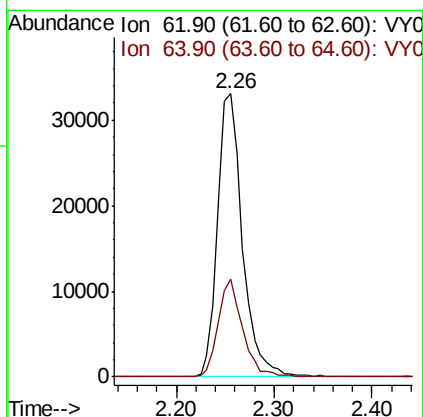
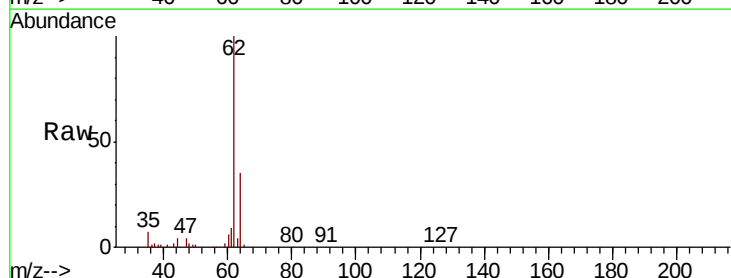
Acq: 02 Jan 2020 16:03

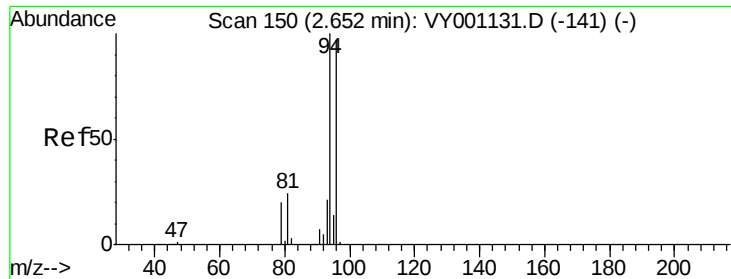
Tgt Ion: 62 Resp: 58577

Ion Ratio Lower Upper

62 100

64 34.7 24.4 36.6





#5

Bromomethane

Concen: 28.982 ug/l

RT: 2.64 min Scan# 148

Delta R.T. -0.01 min

Lab File: VY001136.D

Acq: 02 Jan 2020 16:03

Instrument :

MSVOA_Y

ClientSampleId :

VY0102SBS01

Tot Ion: 94 Resp: 40382

Ion Ratio Lower Upper

94 100

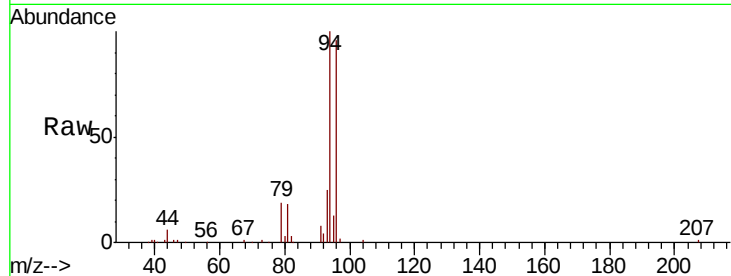
96 96.1 77.3 115.9

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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0

2.64

20000

15000

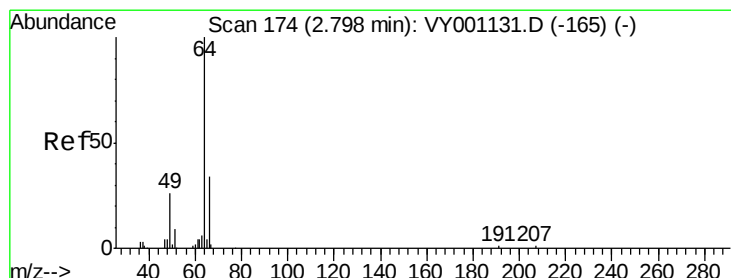
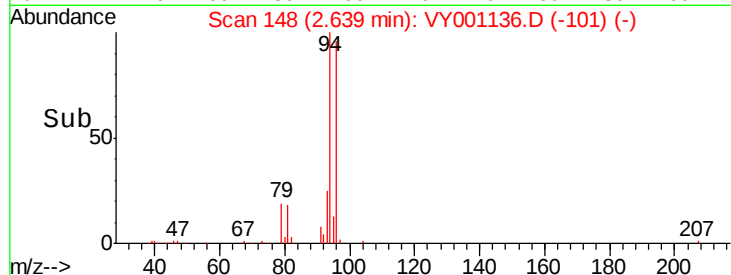
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5000

0

2.60 2.70 2.80

Time-->



#6

Chloroethane

Concen: 29.309 ug/l

RT: 2.79 min Scan# 172

Delta R.T. -0.01 min

Lab File: VY001136.D

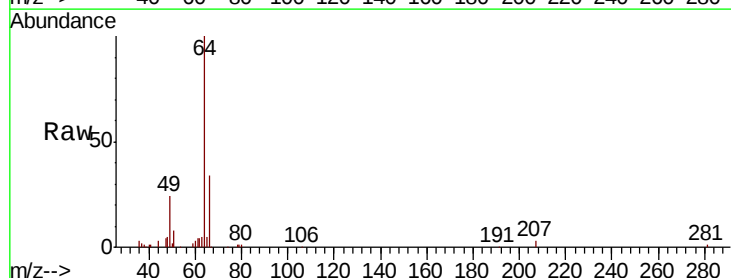
Acq: 02 Jan 2020 16:03

Tgt Ion: 64 Resp: 38156

Ion Ratio Lower Upper

64 100

66 34.0 27.4 41.0



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0

2.79

20000

15000

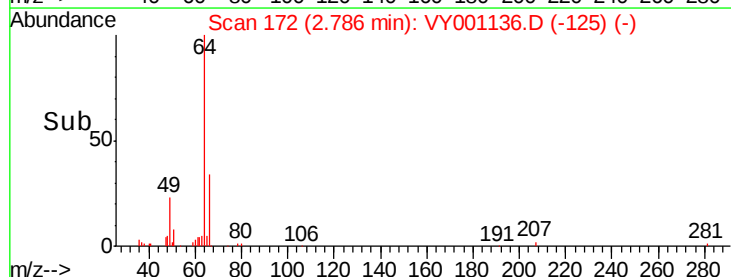
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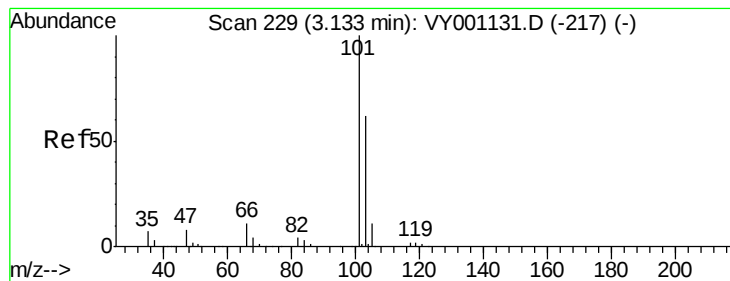
5000

0

2.70 2.80 2.90

Time-->





#7

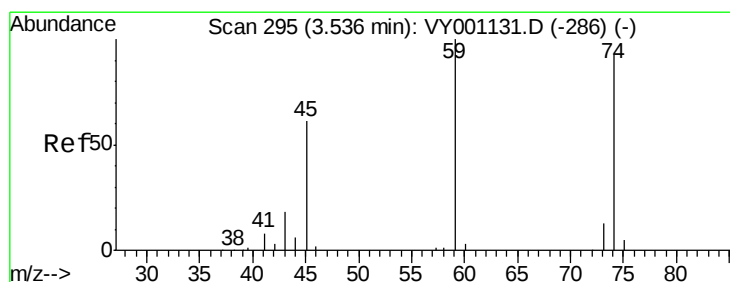
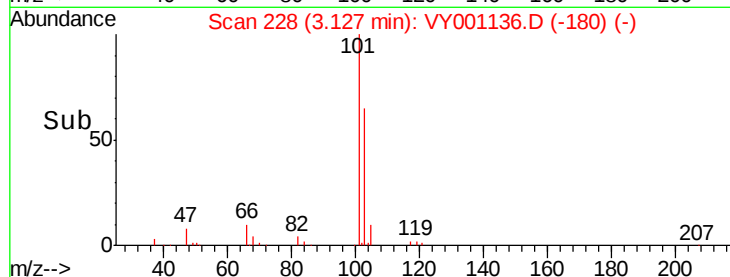
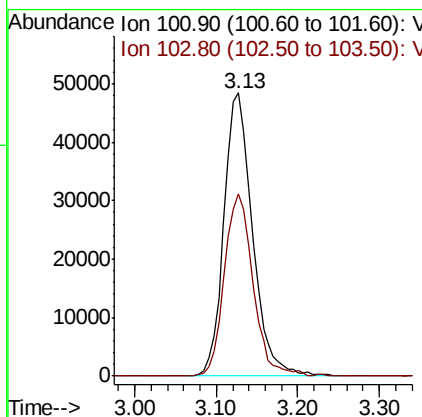
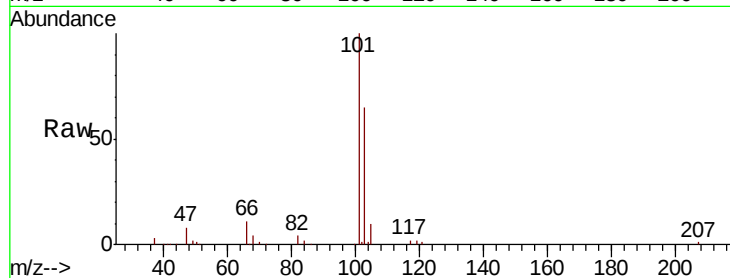
Trichlorofluoromethane
 Concen: 22.711 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. -0.01 min
 Lab File: VY001136.D
 Acq: 02 Jan 2020 16:03

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 VY0102SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.6	49.7	74.5

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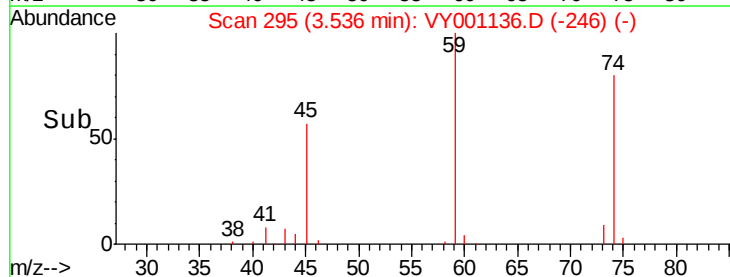
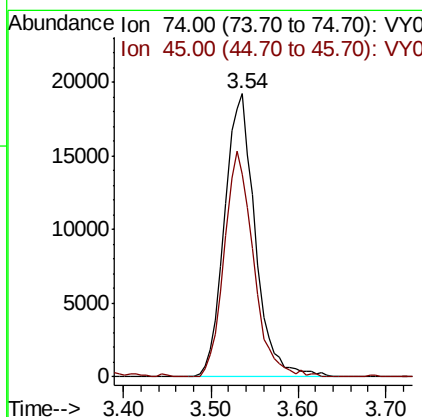
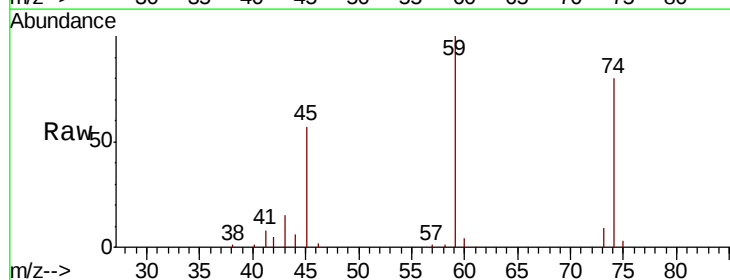
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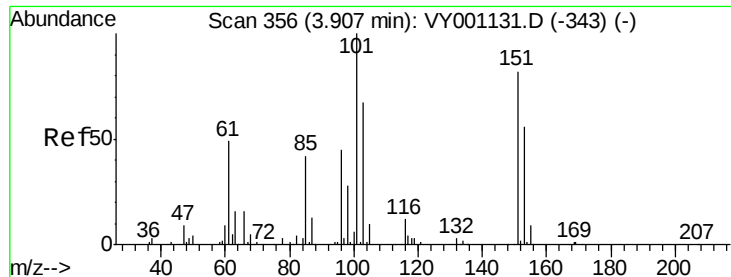


#8

Diethyl Ether
 Concen: 26.064 ug/l
 RT: 3.54 min Scan# 295
 Delta R.T. 0.00 min
 Lab File: VY001136.D
 Acq: 02 Jan 2020 16:03

Tgt Ion	Ratio	Lower	Upper
74	100		
45	76.1	33.2	99.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 25.333 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.01 min

Lab File: VY001136.D

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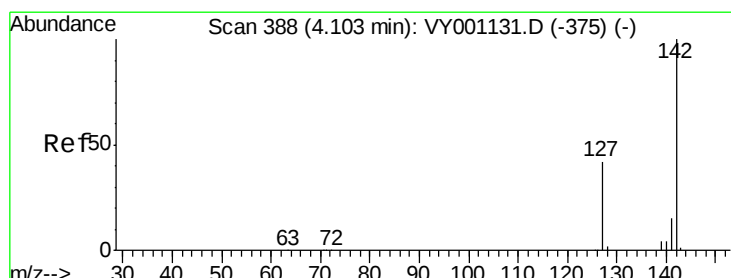
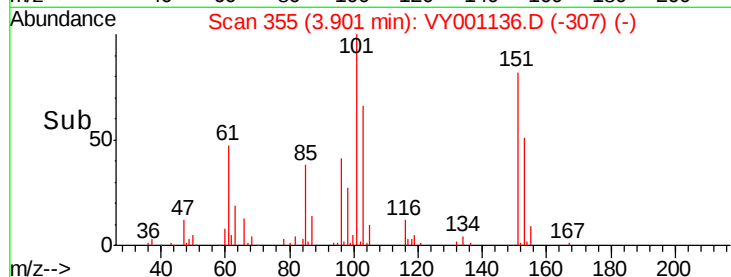
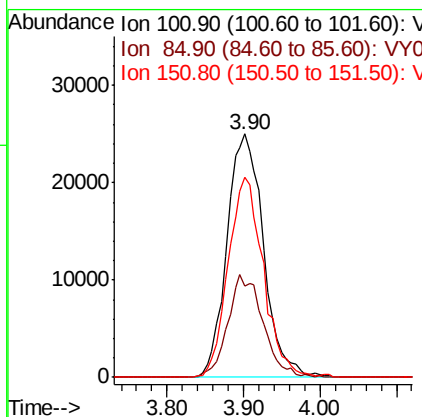
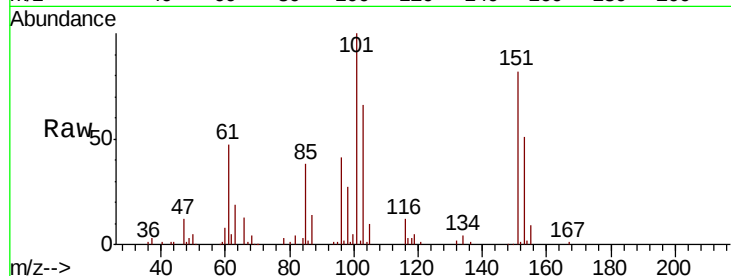
ClientSampleId :

VY0102SBS01

Tot Ion:	101	Resp:	82229
Ion Ratio	Lower	Upper	
101	100		
85	40.8	32.8	49.2
151	79.8	67.4	101.0

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#10

Methyl Iodide

Concen: 22.657 ug/l

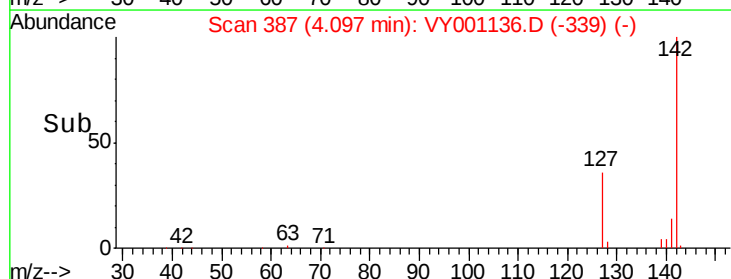
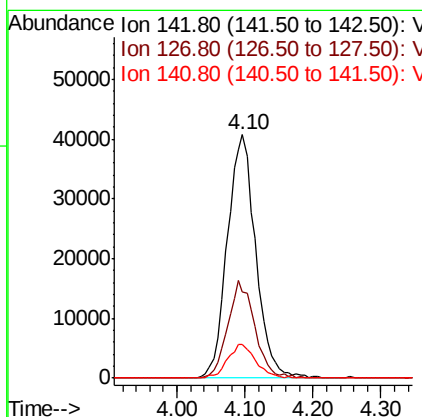
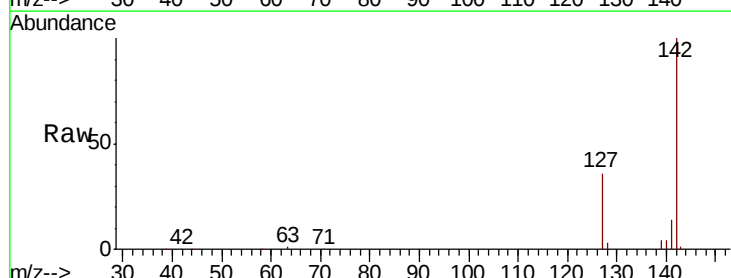
RT: 4.10 min Scan# 387

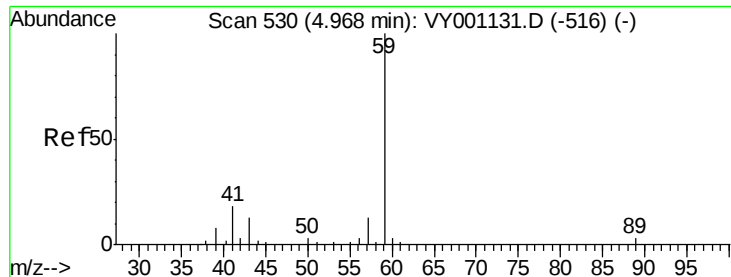
Delta R.T. -0.01 min

Lab File: VY001136.D

Acq: 02 Jan 2020 16:03

Tgt Ion:	142	Resp:	117837
Ion Ratio	Lower	Upper	
142	100		
127	37.9	32.2	48.4
141	13.5	11.1	16.7





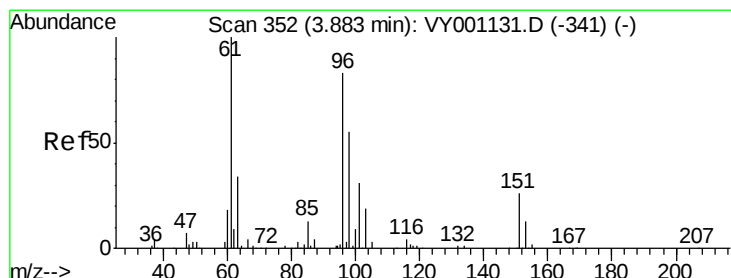
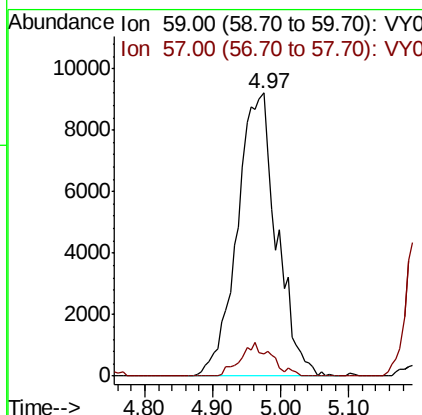
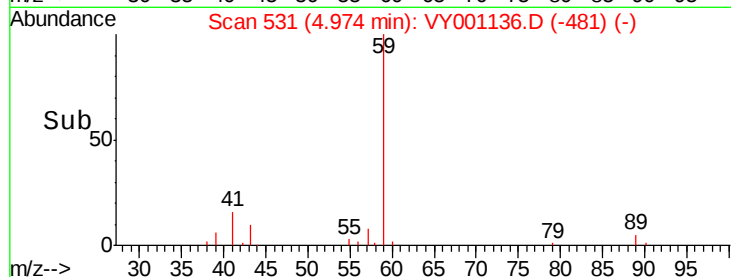
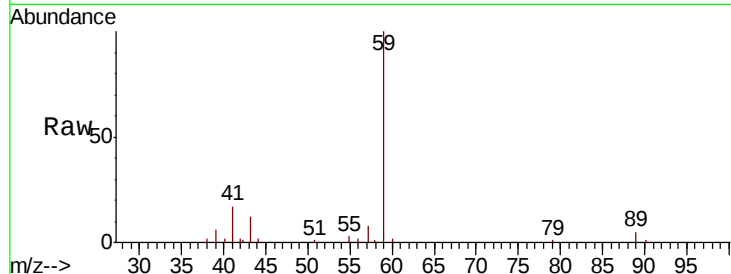
#11
Tert butyl alcohol
Concen: 124.601 ug/l
RT: 4.97 min Scan# 531
Delta R.T. 0.01 min
Lab File: VY001136.D
Acq: 02 Jan 2020 16:03

Instrument :
MSVOA_Y
ClientSampleId :
VY0102SBS01

Tot Ion	59	57	Ratio	100	8.8	Resp	37019	Lower	Upper
59	100								
57		8.8						7.8	11.6

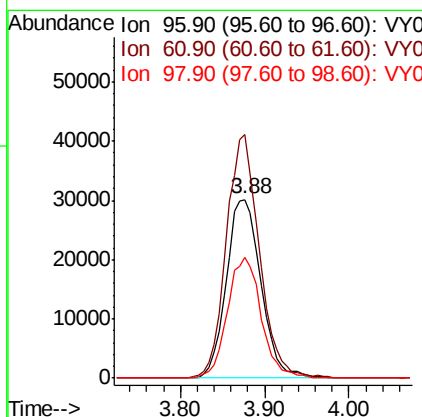
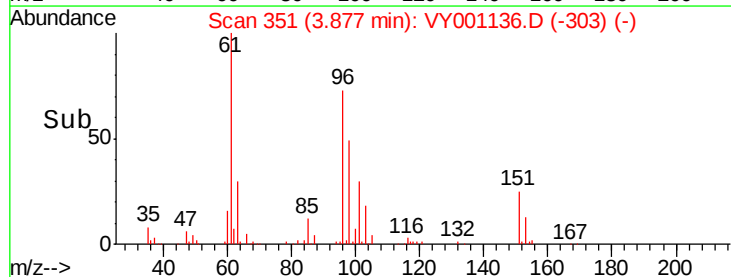
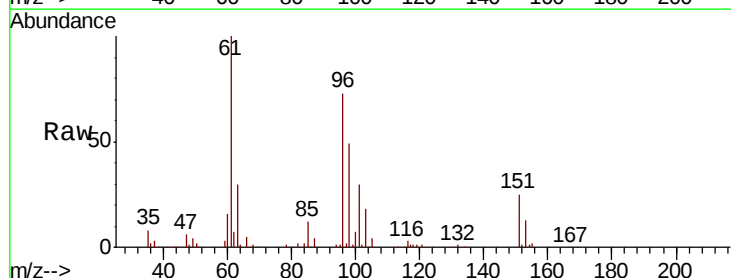
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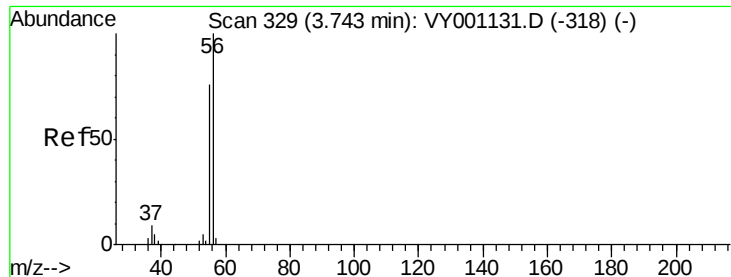
apatel
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#12
1,1-Dichloroethene
Concen: 25.102 ug/l
RT: 3.88 min Scan# 351
Delta R.T. -0.01 min
Lab File: VY001136.D
Acq: 02 Jan 2020 16:03

Tgt Ion	96	61	98	Ratio	100	136.3	67.3	Resp	84071	Lower	Upper
96	100										
61		136.3								96.2	144.4
98		67.3								52.8	79.2





#13

Acrolein

Concen: 146.202 ug/l

RT: 3.74 min Scan# 328

Delta R.T. -0.01 min

Lab File: VY001136.D

Acq: 02 Jan 2020 16:03

Instrument :

MSVOA_Y

ClientSampleId :

VY0102SBS01

Tot Ion: 56 Resp: 39390

Ion Ratio Lower Upper

56 100

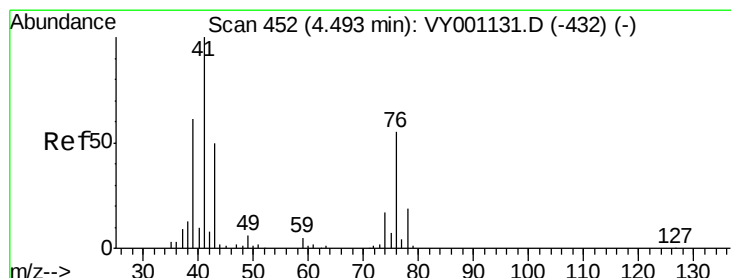
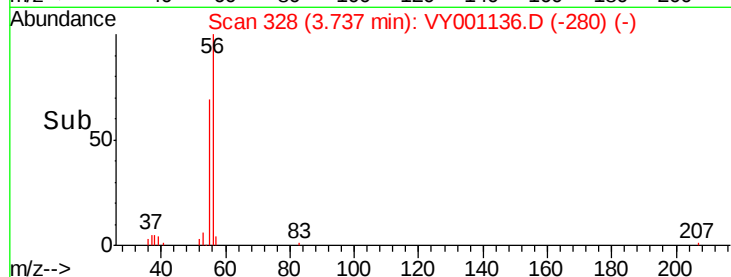
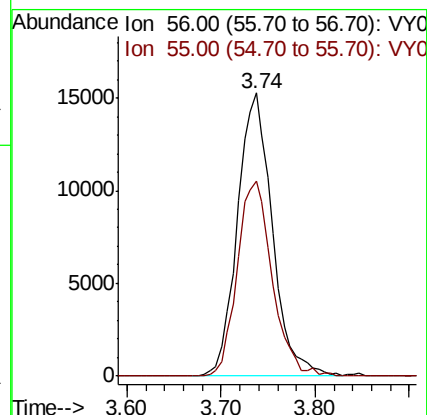
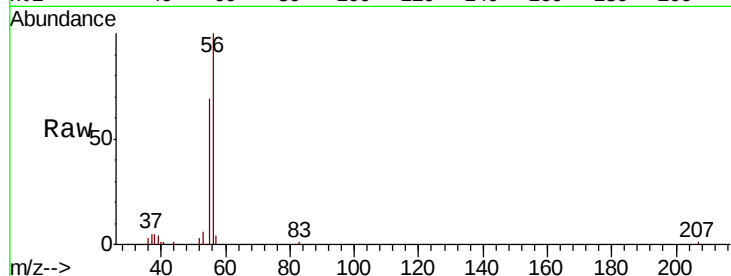
55 69.1 55.7 83.5

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#14

Allyl chloride

Concen: 23.924 ug/l

RT: 4.48 min Scan# 450

Delta R.T. -0.01 min

Lab File: VY001136.D

Acq: 02 Jan 2020 16:03

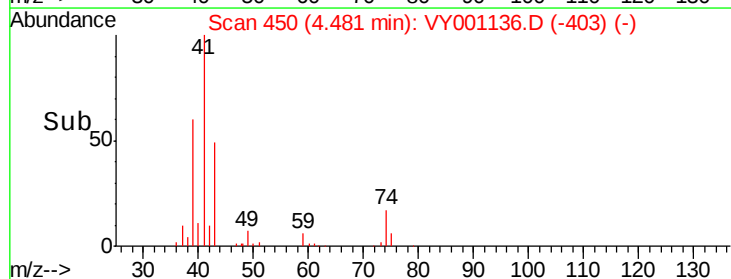
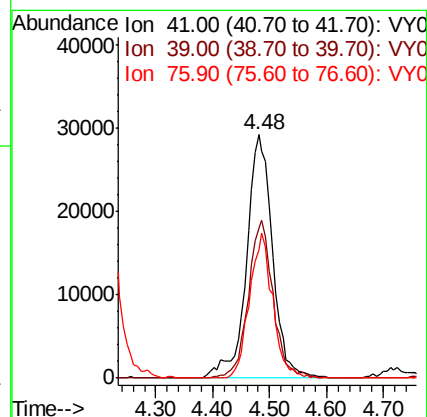
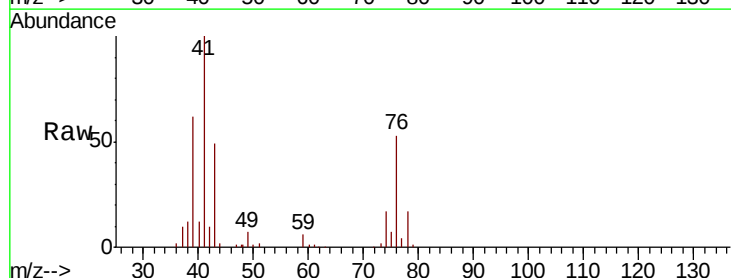
Tgt Ion: 41 Resp: 92693

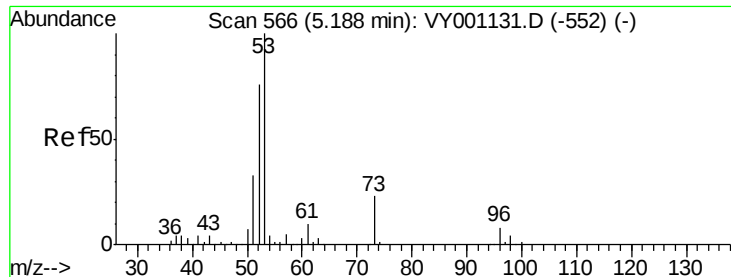
Ion Ratio Lower Upper

41 100

39 61.9 50.1 75.1

76 53.2 42.1 63.1





#15

Acrylonitrile

Concen: 120.556 ug/l

RT: 5.18 min Scan# 564

Delta R.T. -0.01 min

Lab File: VY001136.D

Acq: 02 Jan 2020 16:03

Instrument :

MSVOA_Y

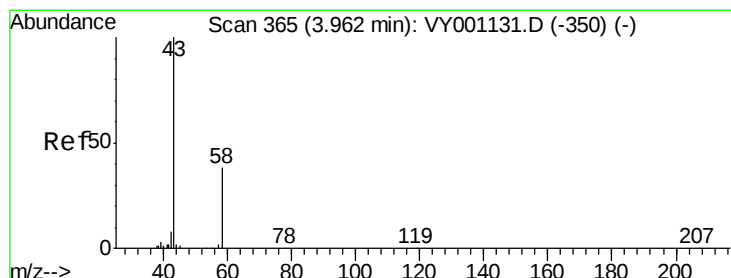
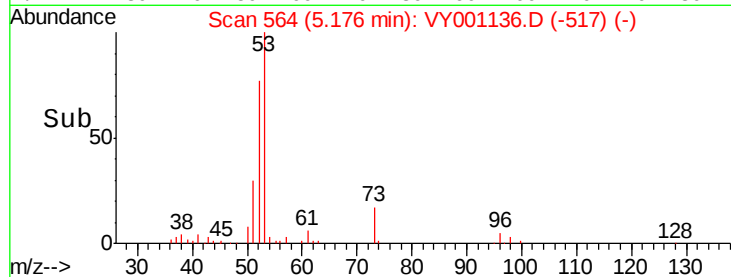
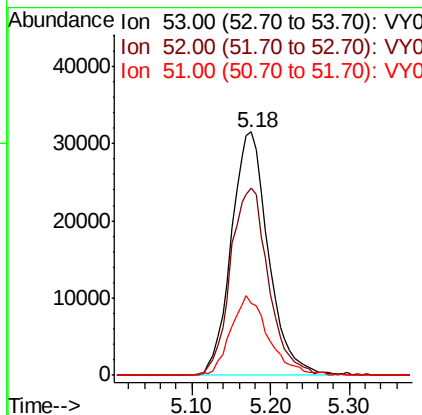
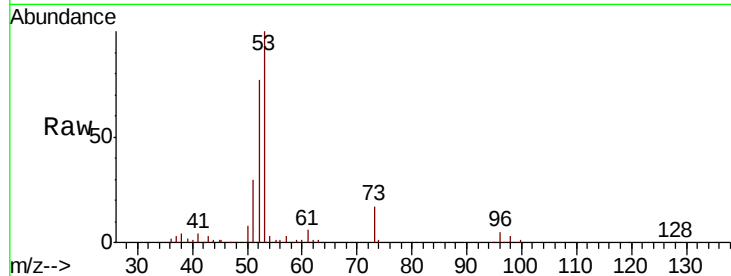
ClientSampleId :

VY0102SBS01

Tot Ion:	53	Resp:	102918
Ion	Ratio	Lower	Upper
53	100		
52	79.1	63.0	94.4
51	33.3	26.1	39.1

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#16

Acetone

Concen: 132.993 ug/l

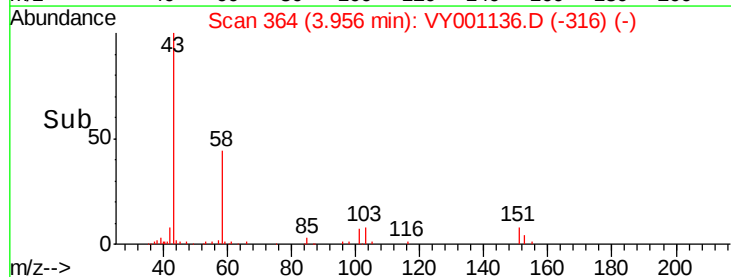
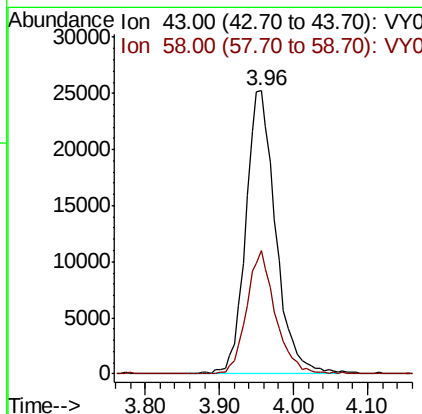
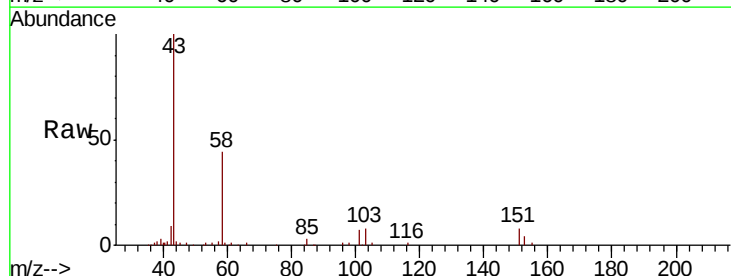
RT: 3.96 min Scan# 364

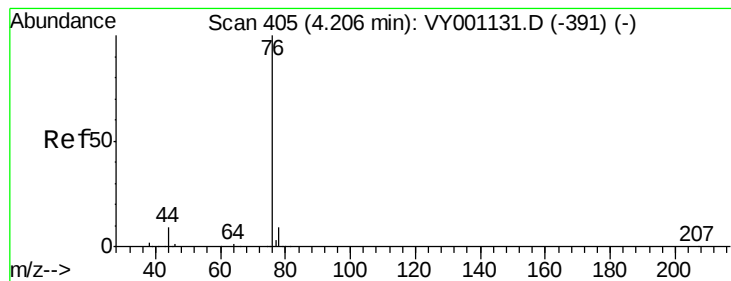
Delta R.T. -0.01 min

Lab File: VY001136.D

Acq: 02 Jan 2020 16:03

Tgt Ion:	43	Resp:	71097
Ion	Ratio	Lower	Upper
43	100		
58	43.7	30.6	46.0





#17

Carbon Disulfide

Concen: 24.288 ug/l

RT: 4.19 min Scan# 403

Delta R.T. -0.01 min

Lab File: VY001136.D

Acq: 02 Jan 2020 16:03

Instrument :

MSVOA_Y

ClientSampleId :

VY0102SBS01

Tot Ion: 76 Resp: 253673

Ion Ratio Lower Upper

76 100

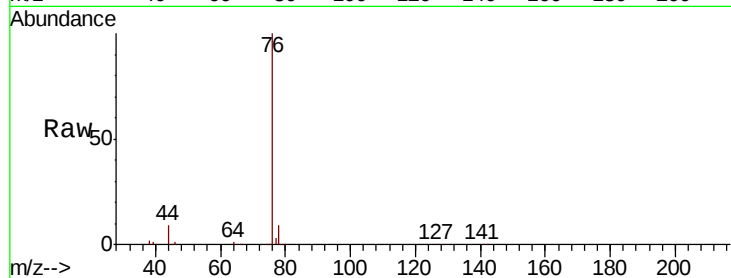
78 9.2 7.4 11.0

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Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

4.19

100000

80000

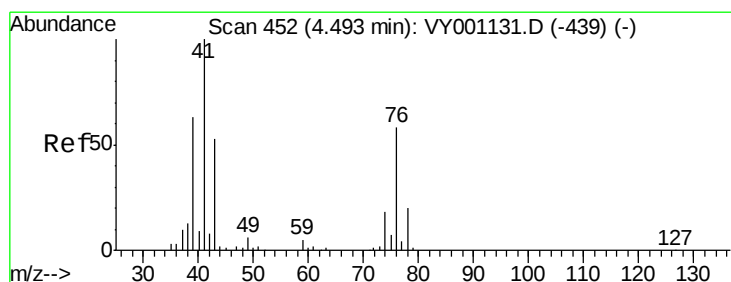
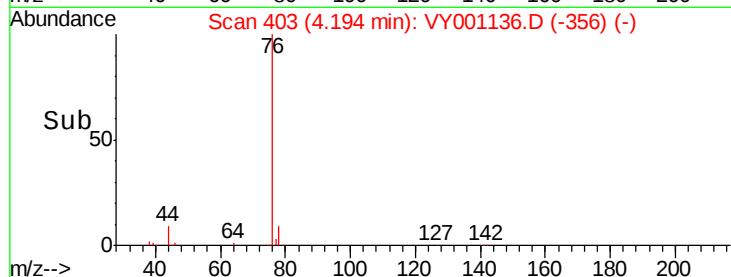
60000

40000

20000

0

Time-->



#18

Methyl Acetate

Concen: 24.636 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.01 min

Lab File: VY001136.D

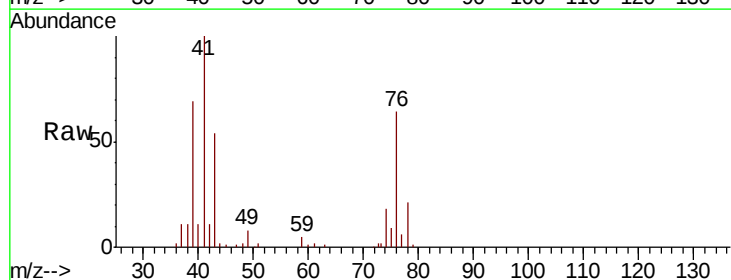
Acq: 02 Jan 2020 16:03

Tgt Ion: 43 Resp: 46043

Ion Ratio Lower Upper

43 100

74 34.6 27.3 40.9



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0

4.49

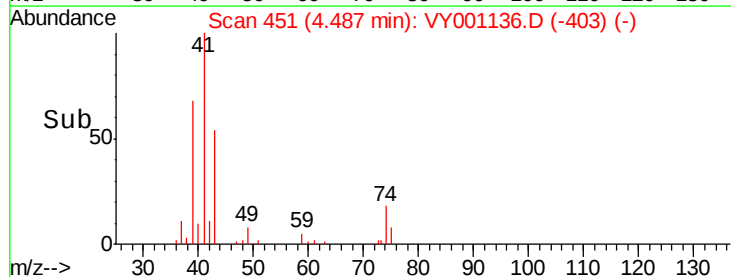
15000

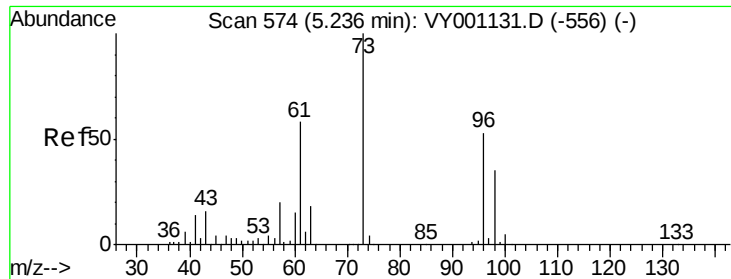
10000

5000

0

Time-->





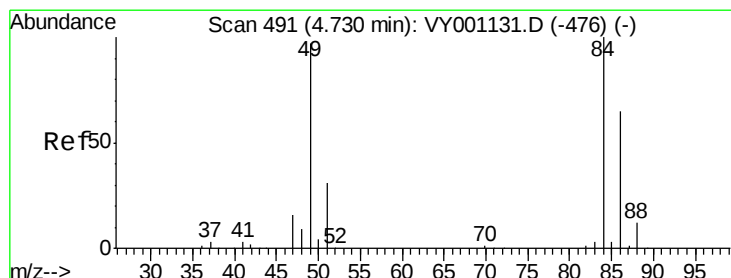
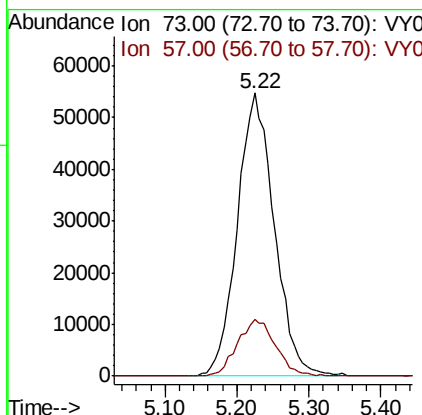
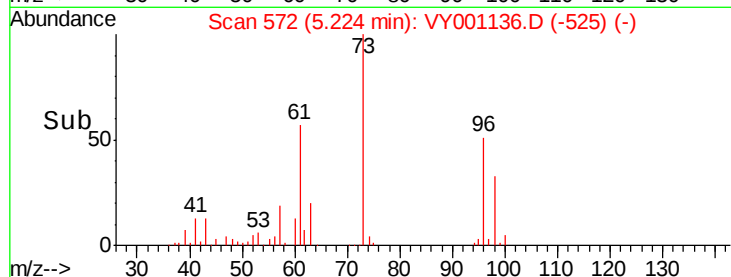
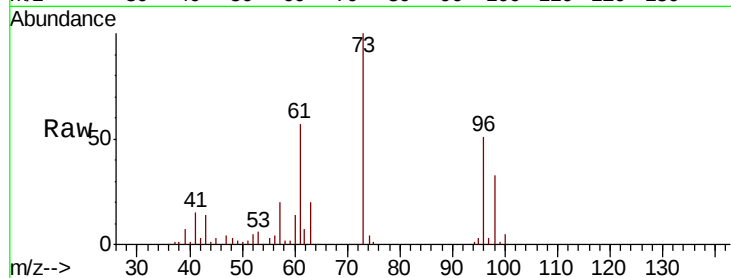
#19
Methyl tert-butyl Ether
Concen: 23.339 ug/l
RT: 5.22 min Scan# 572
Delta R.T. -0.01 min
Lab File: VY001136.D
Acq: 02 Jan 2020 16:03

Instrument :
MSVOA_Y
ClientSampleId :
VY0102SBS01

Tot Ion: 73 Resp: 194858
Ion Ratio Lower Upper
73 100
57 19.9 16.3 24.5

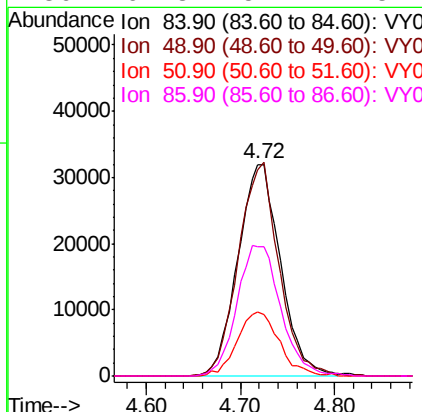
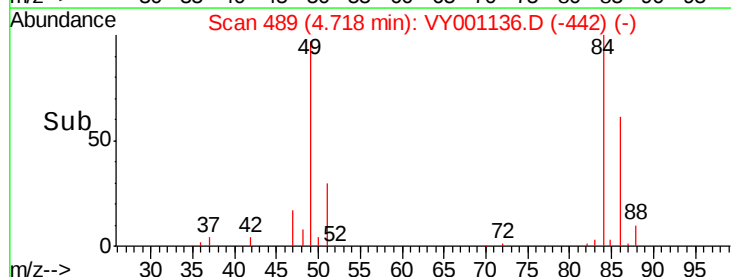
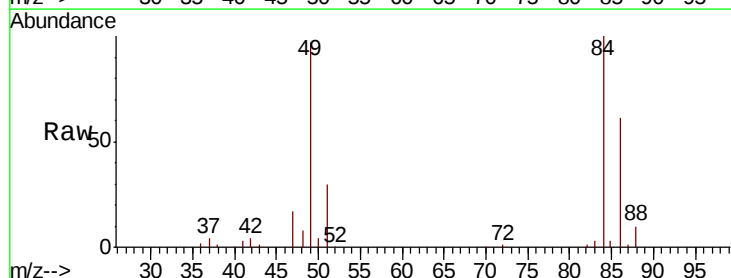
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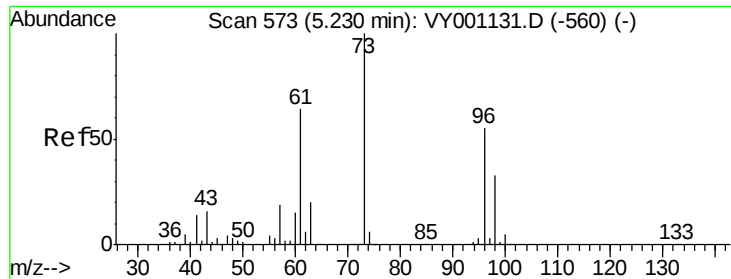
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#20
Methylene Chloride
Concen: 24.914 ug/l
RT: 4.72 min Scan# 489
Delta R.T. -0.01 min
Lab File: VY001136.D
Acq: 02 Jan 2020 16:03

Tgt Ion: 84 Resp: 100775
Ion Ratio Lower Upper
84 100
49 97.2 77.5 116.3
51 30.2 24.7 37.1
86 61.3 52.2 78.2





#21

trans-1,2-Dichloroethene

Concen: 23.883 ug/l

RT: 5.22 min Scan# 571

Delta R.T. -0.01 min

Lab File: VY001136.D

Acq: 02 Jan 2020 16:03

Instrument :

MSVOA_Y

ClientSampleId :

VY0102SBS01

Tot Ion: 96 Resp: 91848

Ion Ratio Lower Upper

96 100

61 114.6 93.2 139.8

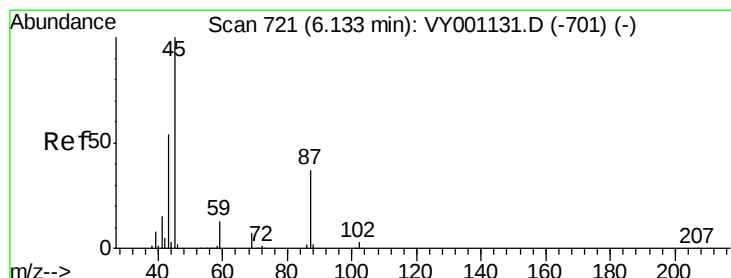
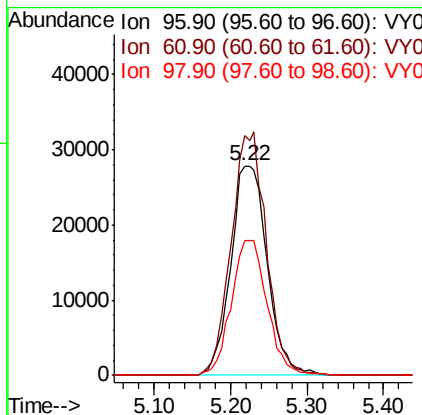
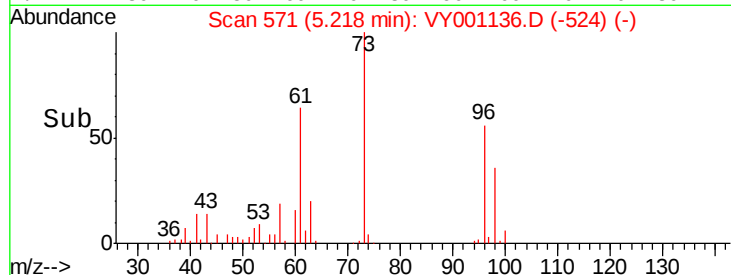
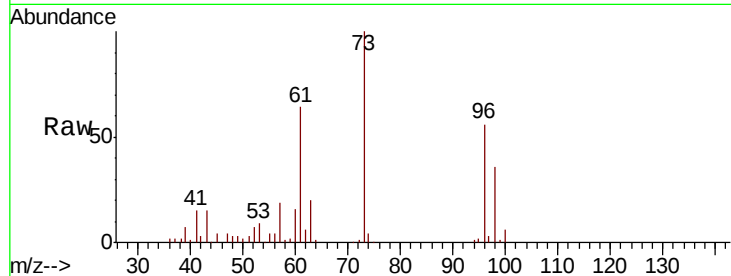
98 64.2 48.8 73.2

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#22

Diisopropyl ether

Concen: 25.446 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.01 min

Lab File: VY001136.D

Acq: 02 Jan 2020 16:03

Tgt Ion: 45 Resp: 192915

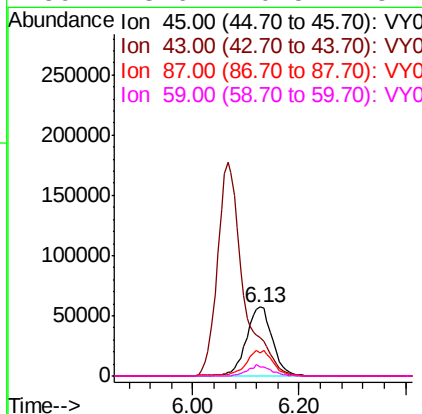
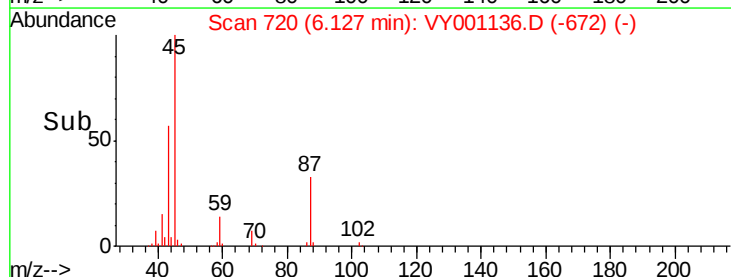
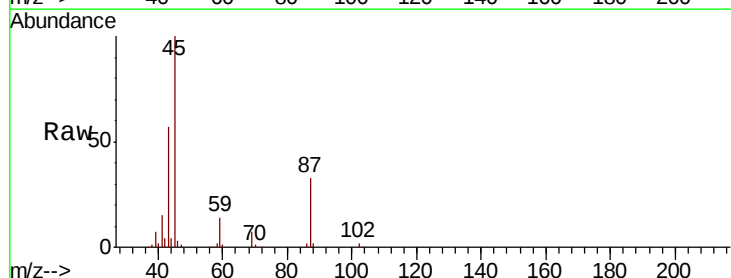
Ion Ratio Lower Upper

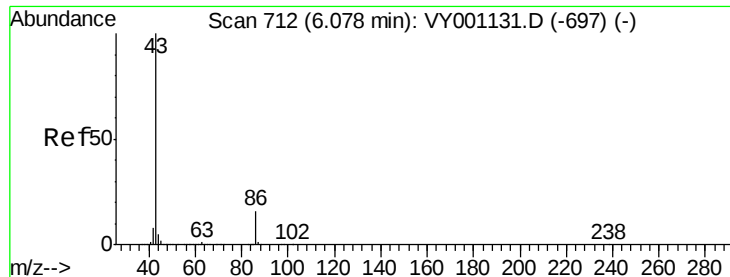
45 100

43 56.6 43.7 65.5

87 33.3 30.0 45.0

59 13.6 10.5 15.7





#23

Vinyl Acetate

Concen: 119.424 ug/l

RT: 6.07 min Scan# 710

Delta R.T. -0.01 min

Lab File: VY001136.D

Acq: 02 Jan 2020 16:03

Instrument :

MSVOA_Y

ClientSampleId :

VY0102SBS01

Tot Ion: 43 Resp: 598511

Ion Ratio Lower Upper

43 100

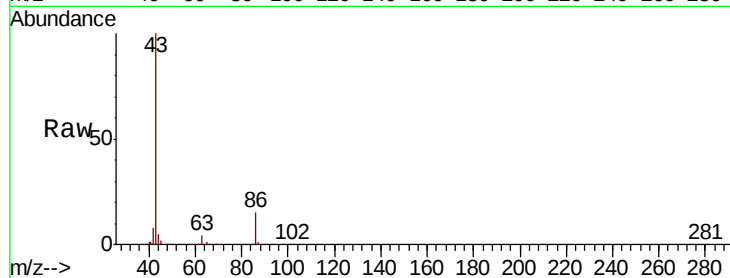
86 15.2 12.6 18.8

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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

6.07

200000

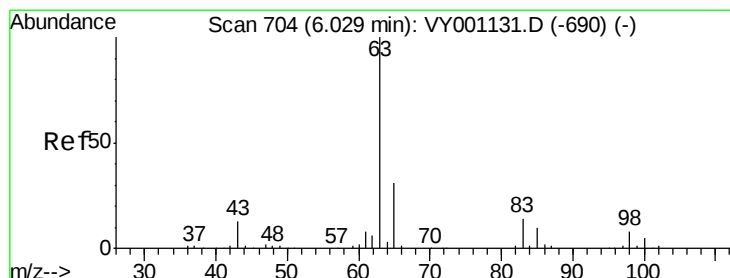
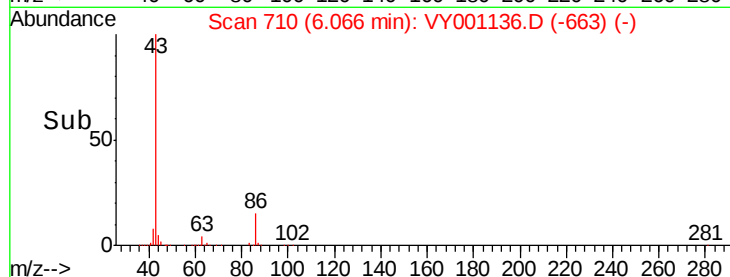
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 25.198 ug/l

RT: 6.02 min Scan# 703

Delta R.T. -0.01 min

Lab File: VY001136.D

Acq: 02 Jan 2020 16:03

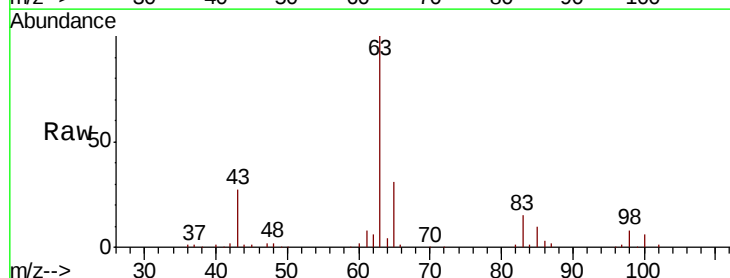
Tgt Ion: 63 Resp: 132051

Ion Ratio Lower Upper

63 100

98 8.3 4.1 12.3

100 6.4 2.5 7.6



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0

6.02

50000

40000

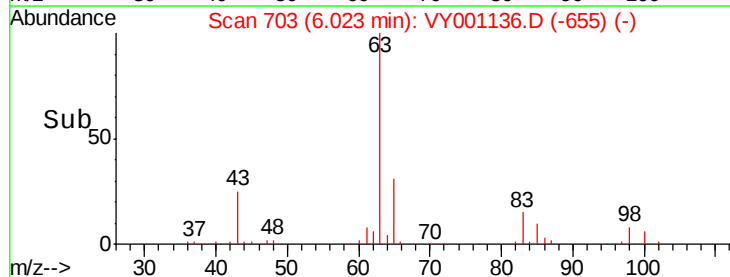
30000

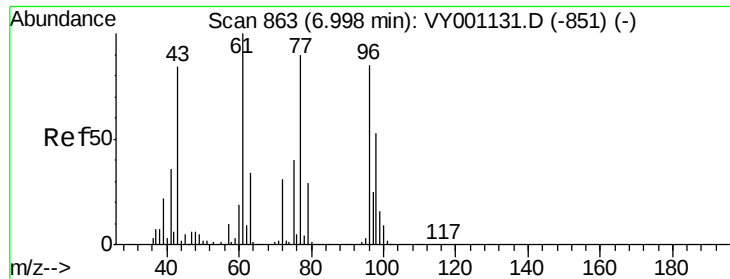
20000

10000

0

Time-->





#25

2-Butanone

Concen: 111.645 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.01 min

Lab File: VY001136.D

Acq: 02 Jan 2020 16:03

Instrument :

MSVOA_Y

ClientSampleId :

VY0102SBS01

Tot Ion: 43 Resp: 108063

Ion Ratio Lower Upper

43 100

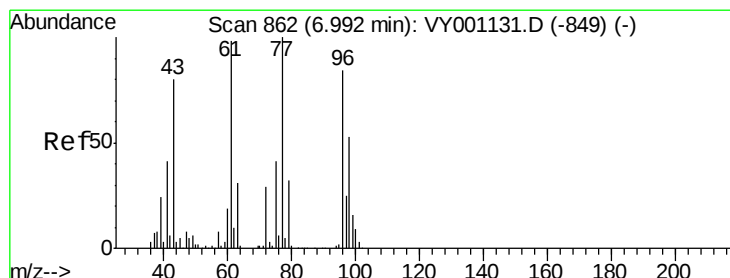
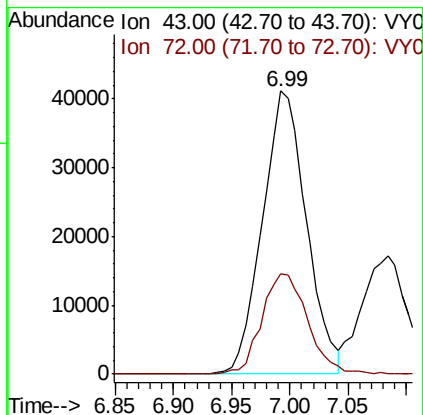
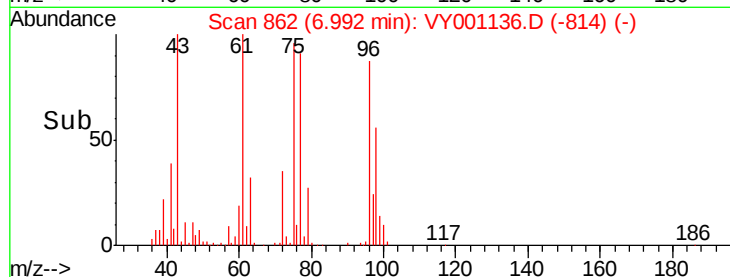
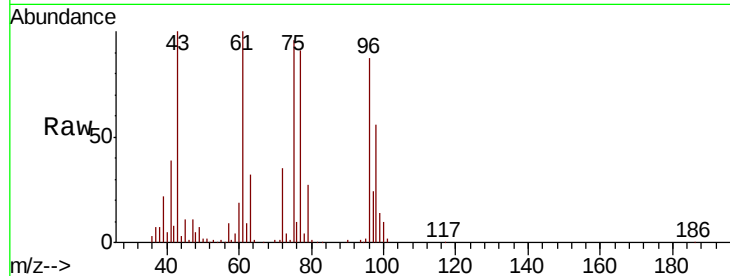
72 35.4 29.5 44.3

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#26

2,2-Dichloropropane

Concen: 21.145 ug/l

RT: 6.99 min Scan# 861

Delta R.T. -0.01 min

Lab File: VY001136.D

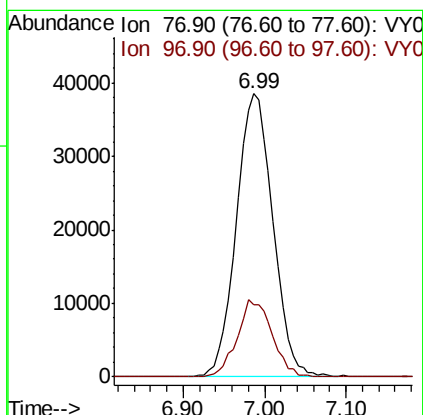
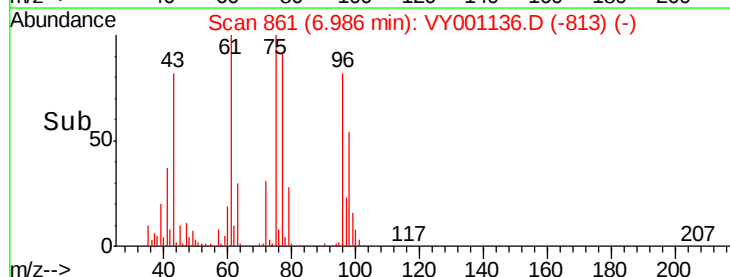
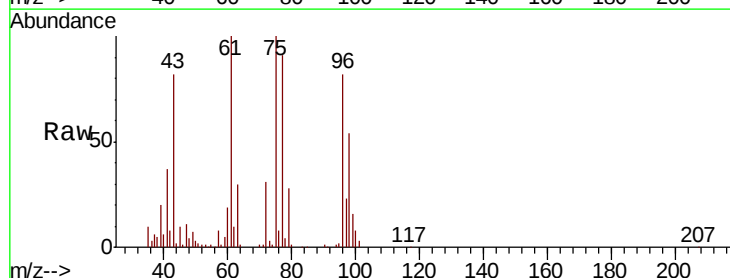
Acq: 02 Jan 2020 16:03

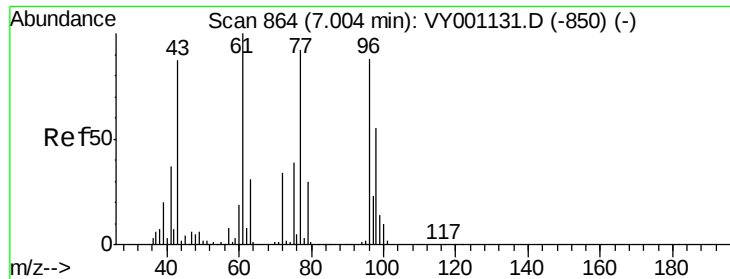
Tgt Ion: 77 Resp: 119554

Ion Ratio Lower Upper

77 100

97 26.1 12.6 37.6





#27

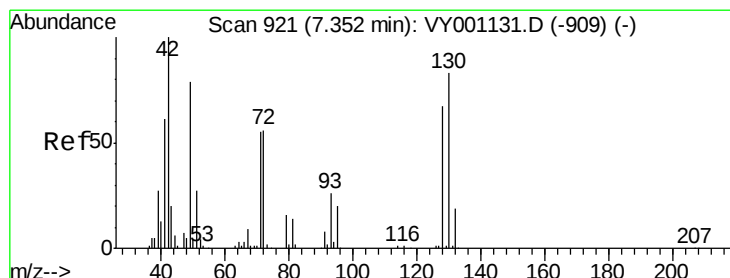
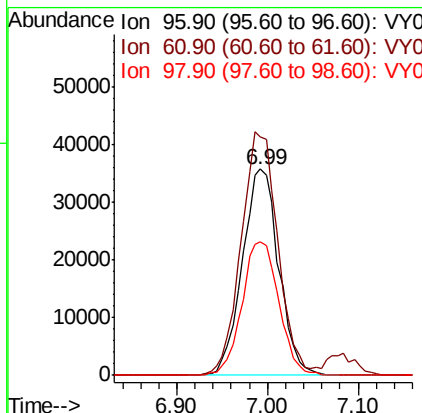
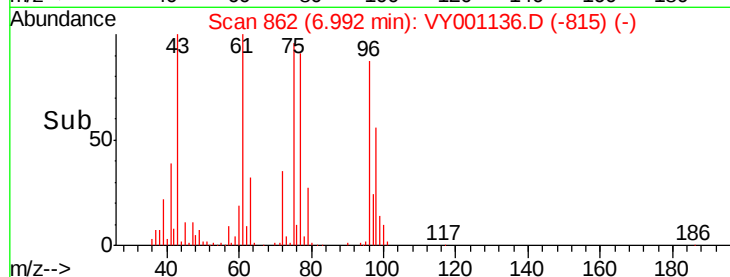
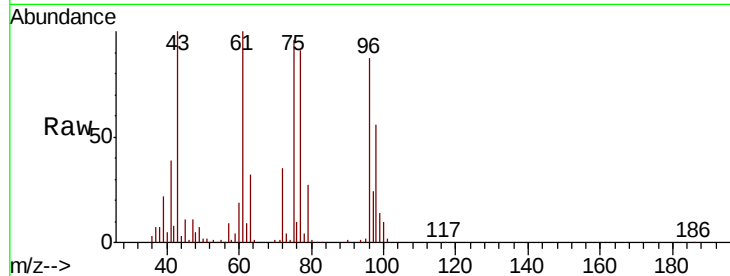
cis-1,2-Dichloroethene
Concen: 21.930 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.01 min
Lab File: VY001136.D
Acq: 02 Jan 2020 16:03

Instrument :
MSVOA_Y
ClientSampleId :
VY0102SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	119.0	0.0	235.0
98	65.7	0.0	127.4

Manual Integrations
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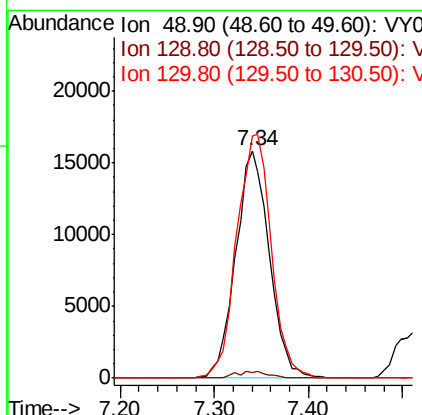
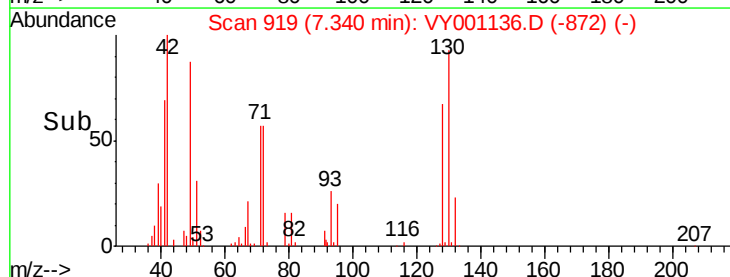
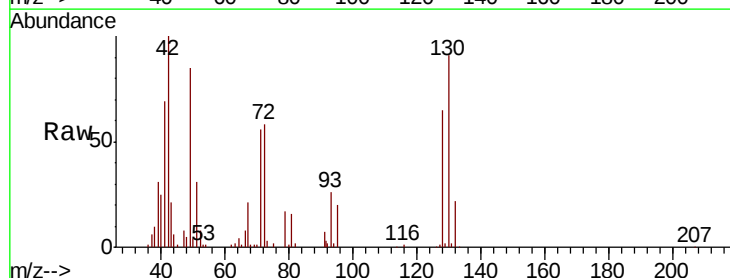
apatel
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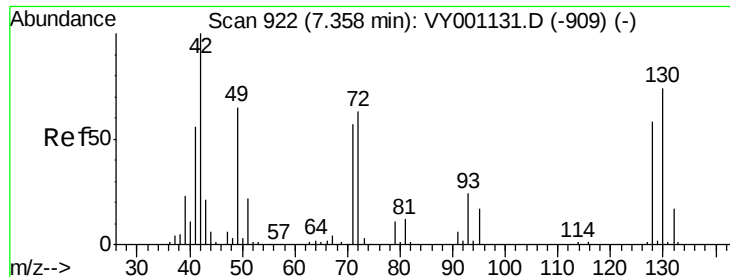


#28

Bromochloromethane
Concen: 20.083 ug/l
RT: 7.34 min Scan# 919
Delta R.T. -0.01 min
Lab File: VY001136.D
Acq: 02 Jan 2020 16:03

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.7	0.0	6.0
130	110.3	86.9	130.3





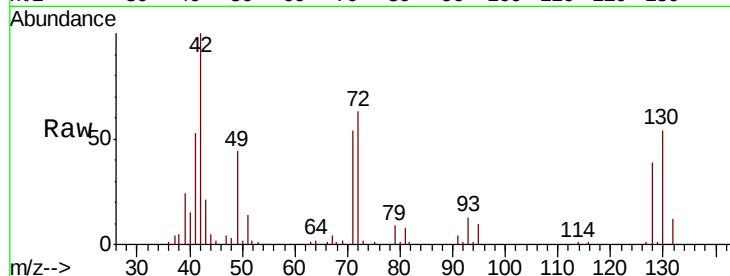
#29
Tetrahydrofuran
Concen: 110.240 ug/l
RT: 7.35 min Scan# 921
Delta R.T. -0.01 min
Lab File: VY001136.D
Acq: 02 Jan 2020 16:03

Instrument :
MSVOA_Y
ClientSampleId :
VY0102SBS01

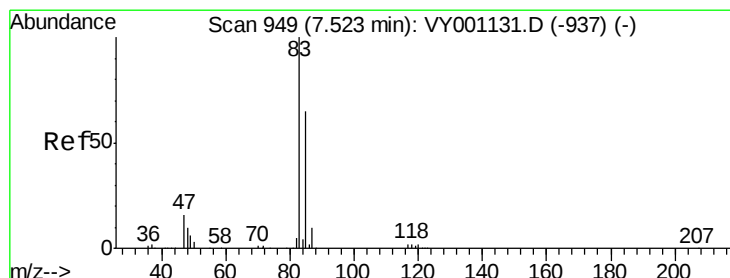
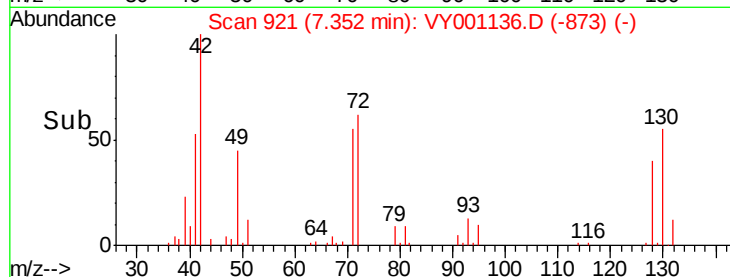
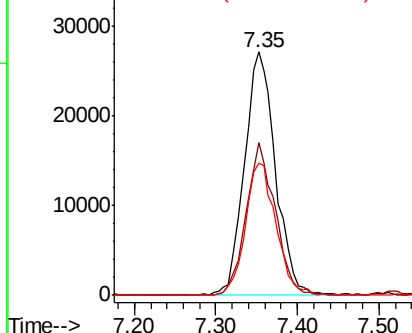
Tot Ion	Ratio	Lower	Upper
42	100		
72	58.4	49.0	73.6
71	53.6	45.3	67.9

Manual Integrations
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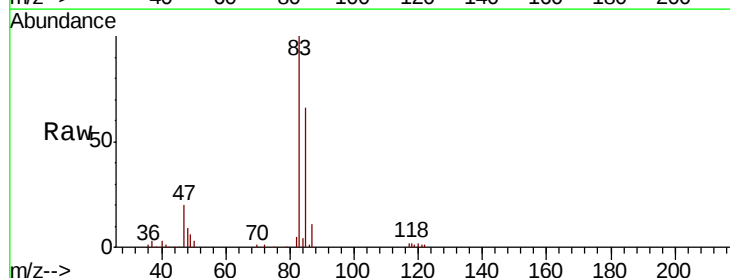


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

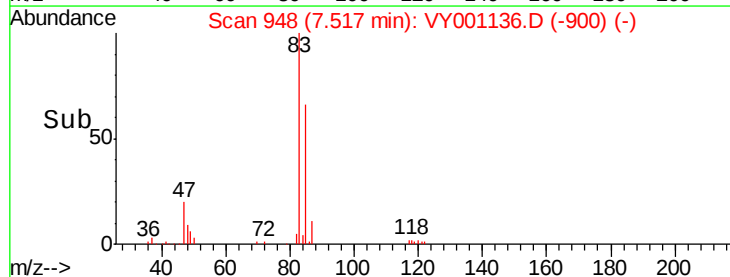
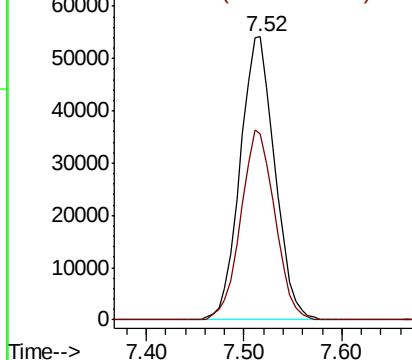


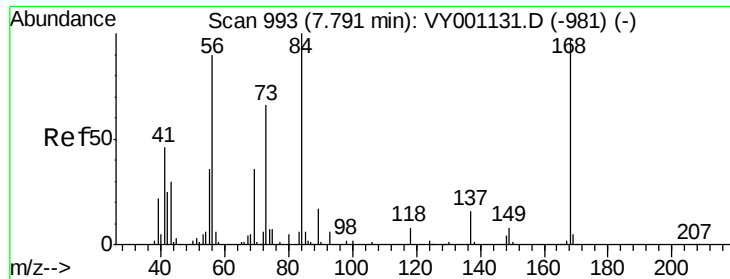
#30
Chloroform
Concen: 20.831 ug/l
RT: 7.52 min Scan# 948
Delta R.T. -0.01 min
Lab File: VY001136.D
Acq: 02 Jan 2020 16:03

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.6	52.0	78.0



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





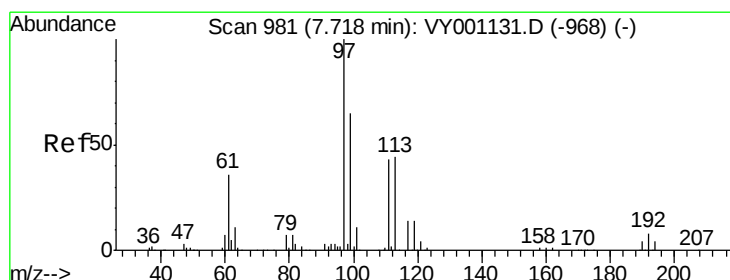
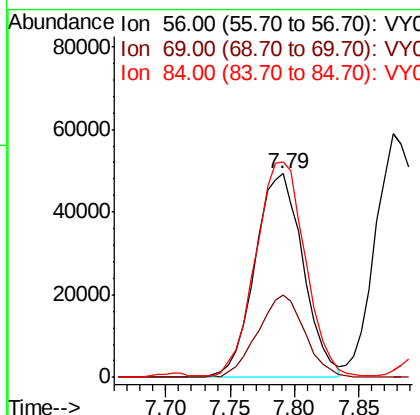
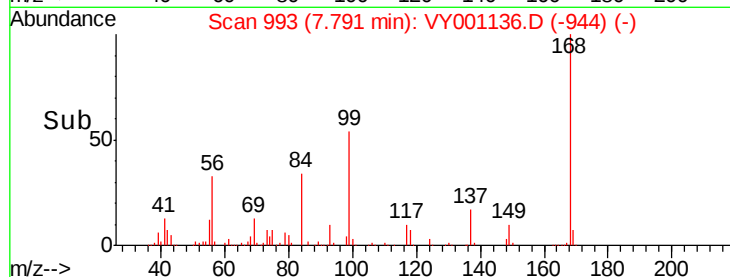
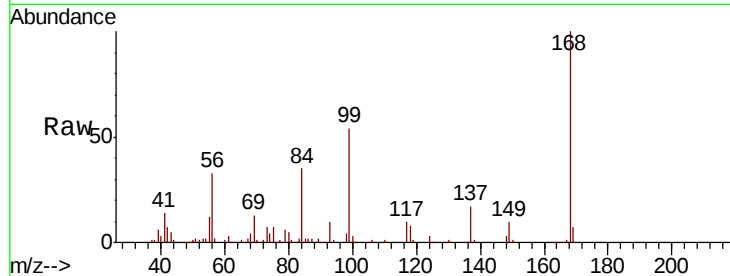
#31
Cyclohexane
Concen: 21.085 ug/l
RT: 7.79 min Scan# 993
Delta R.T. 0.00 min
Lab File: VY001136.D
Acq: 02 Jan 2020 16:03

Instrument :
MSVOA_Y
ClientSampleId :
VY0102SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	40.5	32.0	48.0
84	105.4	89.1	133.7

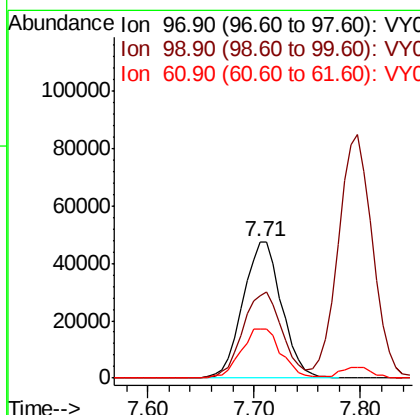
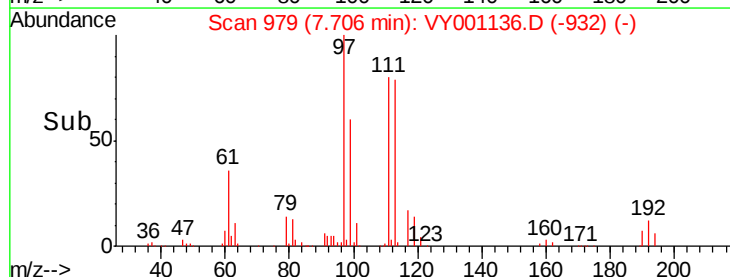
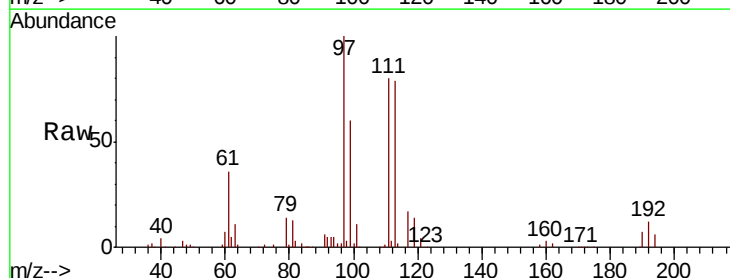
Manual Integrations
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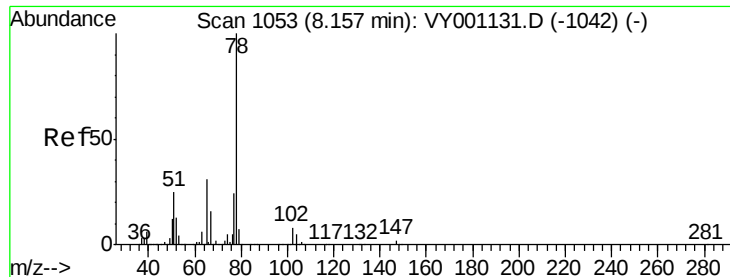
apatel
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#32
1,1,1-Trichloroethane
Concen: 20.339 ug/l
RT: 7.71 min Scan# 979
Delta R.T. -0.01 min
Lab File: VY001136.D
Acq: 02 Jan 2020 16:03

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.9	51.0	76.6
61	37.7	29.2	43.8





#33

1,2-Dichloroethane-d4

Concen: 50.253 ug/l

RT: 8.14 min Scan# 1051

Delta R.T. -0.01 min

Lab File: VY001136.D

Acq: 02 Jan 2020 16:03

Instrument :

MSVOA_Y

ClientSampleId :

VY0102SBS01

Tot Ion: 65 Resp: 154443

Ion Ratio Lower Upper

65 100

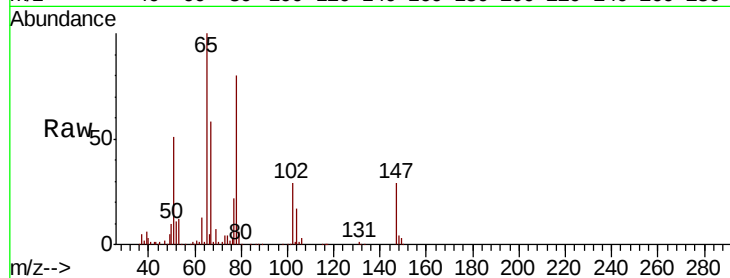
67 57.3 0.0 110.6

Manual Integrations

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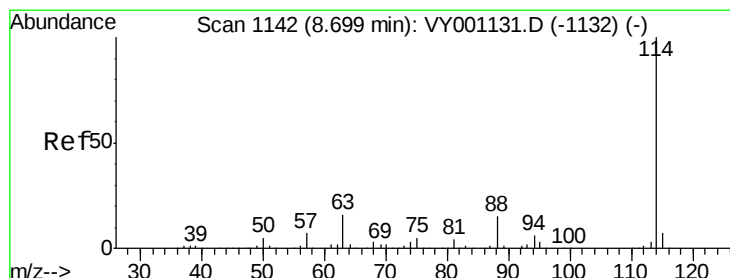
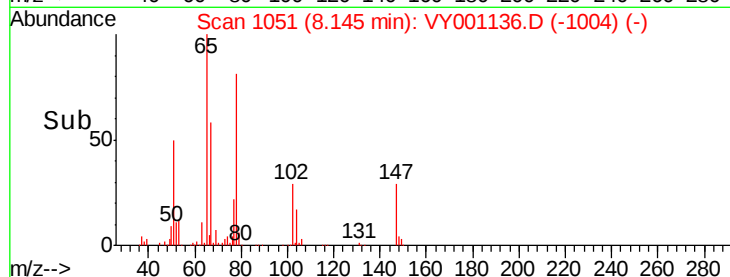
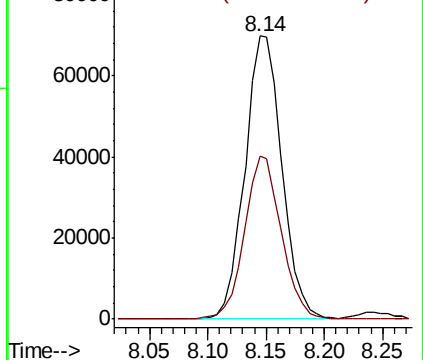
apatel

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Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. -0.01 min

Lab File: VY001136.D

Acq: 02 Jan 2020 16:03

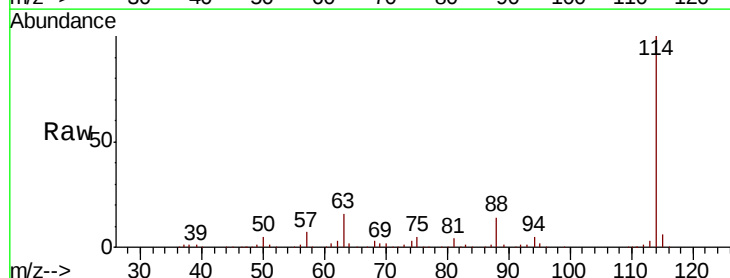
Tgt Ion: 114 Resp: 608942

Ion Ratio Lower Upper

114 100

63 16.3 0.0 33.0

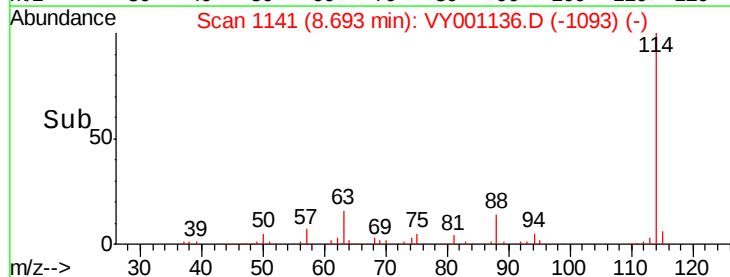
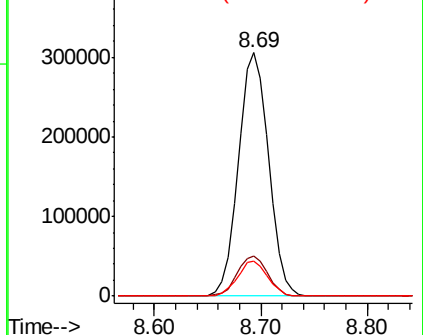
88 14.2 0.0 30.0

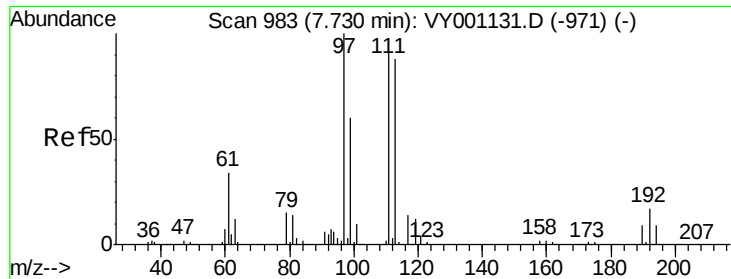


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0





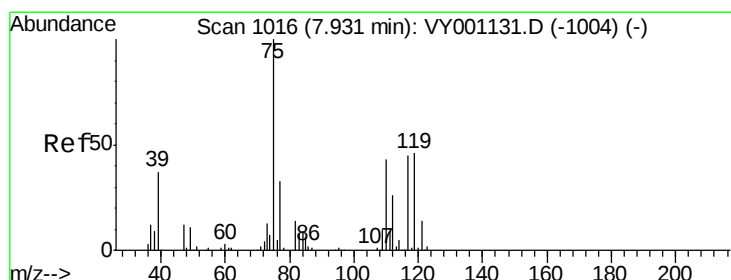
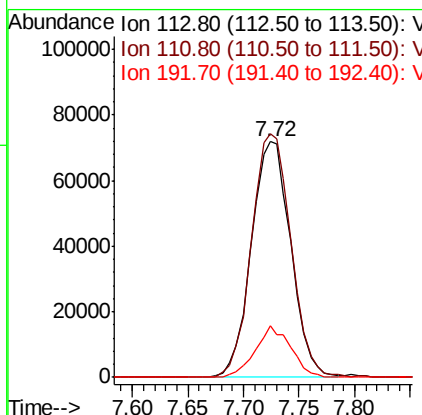
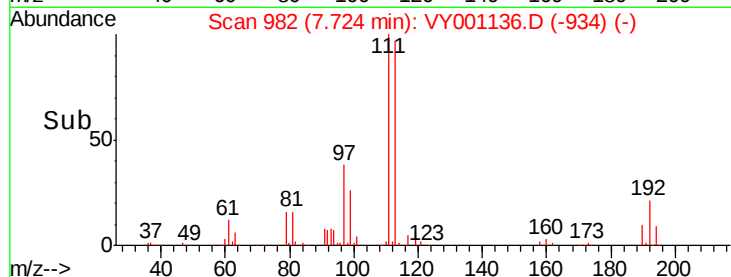
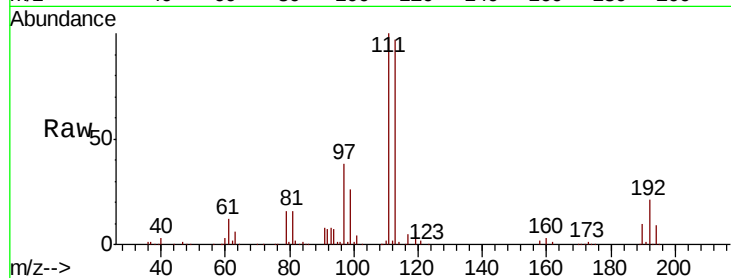
#35
Dibromofluoromethane
Concen: 51.267 ug/l
RT: 7.72 min Scan# 982
Delta R.T. -0.01 min
Lab File: VY001136.D
Acq: 02 Jan 2020 16:03

Instrument :
MSVOA_Y
ClientSampleId :
VY0102SBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	177525		
111	103.4	81.0	121.4	
192	19.7	16.4	24.6	

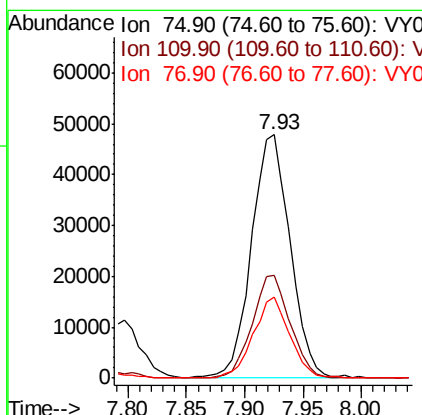
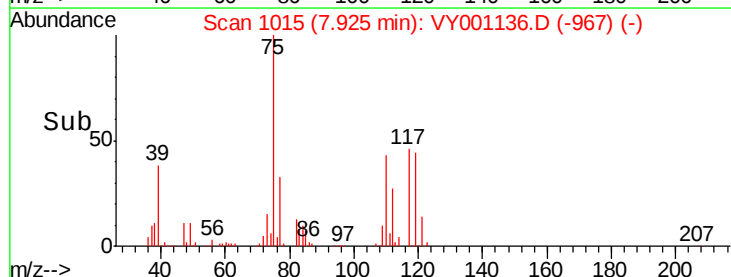
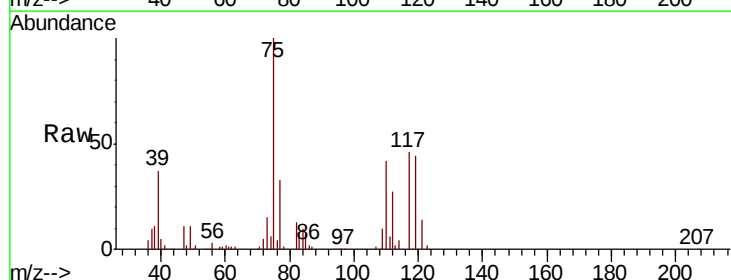
Manual Integrations
APPROVED

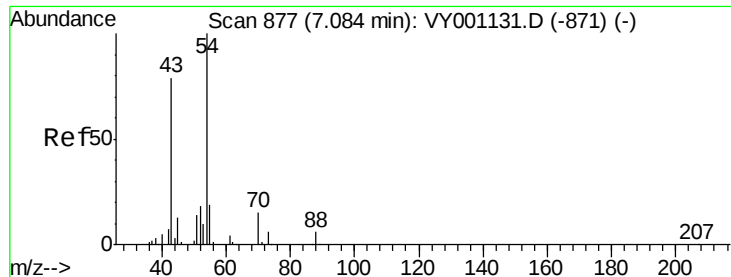
apatel
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#36
1,1-Dichloropropene
Concen: 20.543 ug/l
RT: 7.93 min Scan# 1015
Delta R.T. -0.01 min
Lab File: VY001136.D
Acq: 02 Jan 2020 16:03

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	109134		
110	41.8	20.6	61.8	
77	31.8	25.7	38.5	





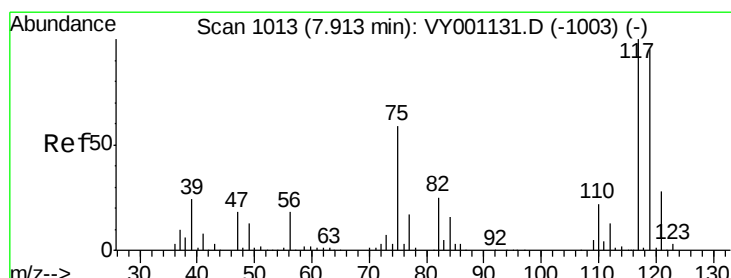
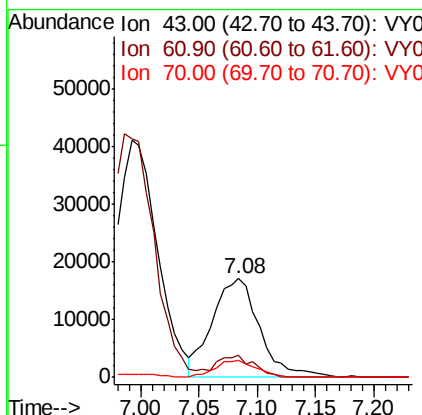
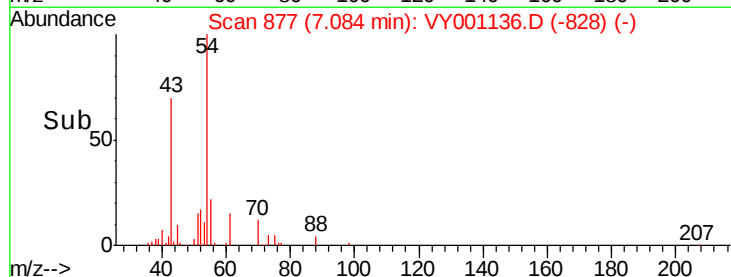
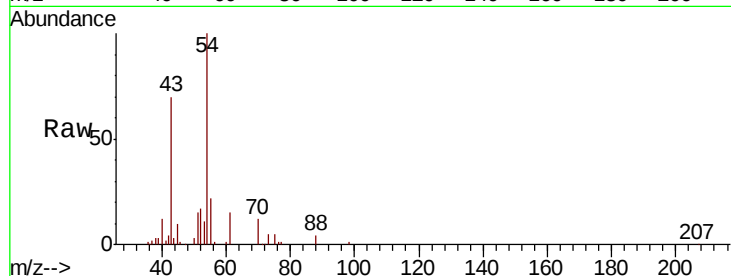
#37
Ethyl Acetate
Concen: 21.547 ug/l
RT: 7.08 min Scan# 877
Delta R.T. 0.00 min
Lab File: VY001136.D
Acq: 02 Jan 2020 16:03

Instrument :
MSVOA_Y
ClientSampleId :
VY0102SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.0	14.4	21.6
70	15.0	11.5	17.3

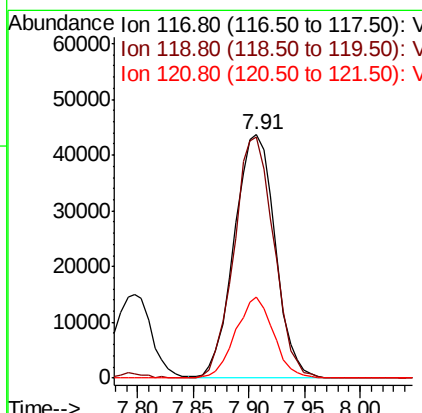
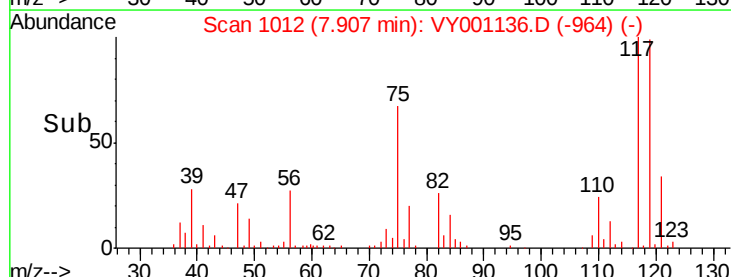
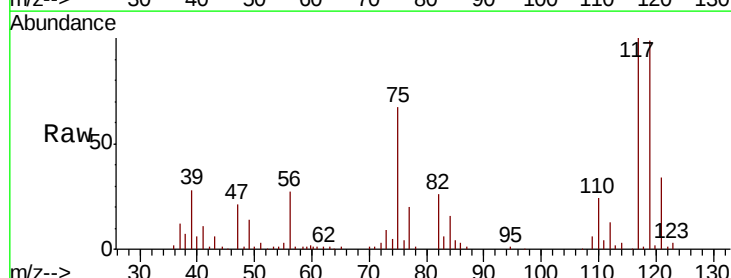
Manual Integrations
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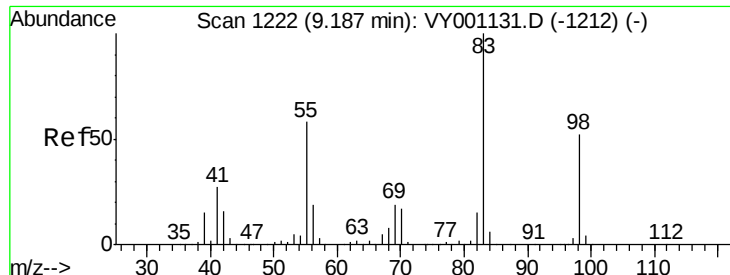
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#38
Carbon Tetrachloride
Concen: 20.278 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.01 min
Lab File: VY001136.D
Acq: 02 Jan 2020 16:03

Tgt Ion	Ratio	Lower	Upper
117	100		
119	99.0	75.8	113.6
121	33.5	22.5	33.7





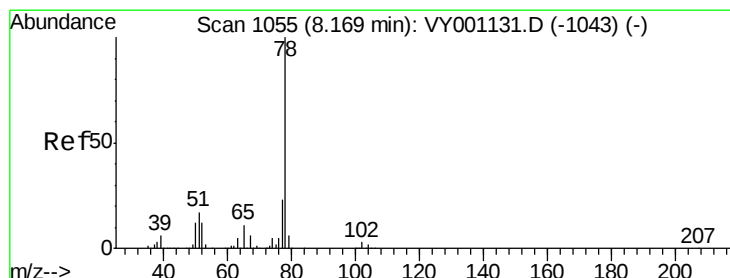
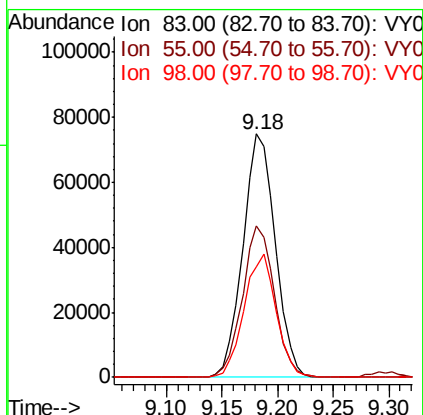
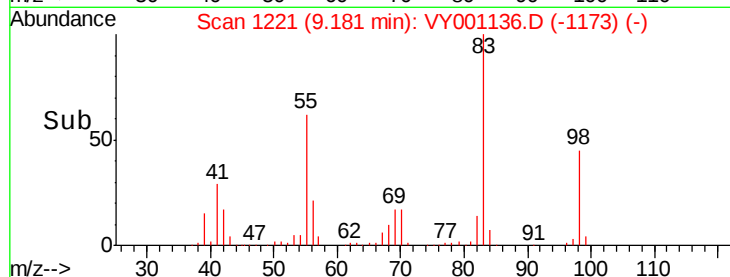
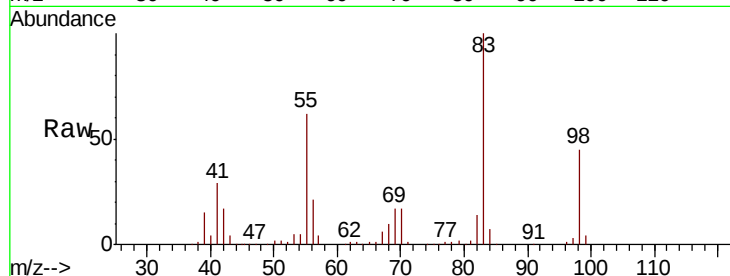
#39
Methvlcvclohexane
Concen: 20.569 ug/l
RT: 9.18 min Scan# 1221
Delta R.T. -0.01 min
Lab File: VY001136.D
Acq: 02 Jan 2020 16:03

Instrument :
MSVOA_Y
ClientSampleId :
VY0102SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	62.1	46.4	69.6
98	45.5	41.5	62.3

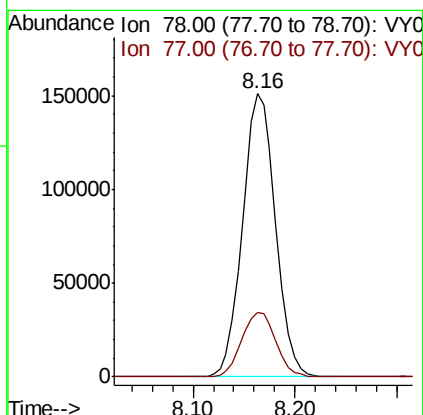
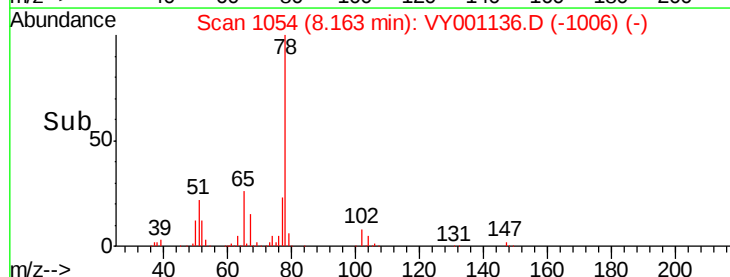
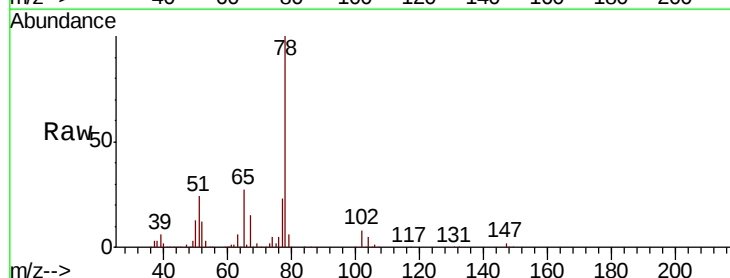
Manual Integrations
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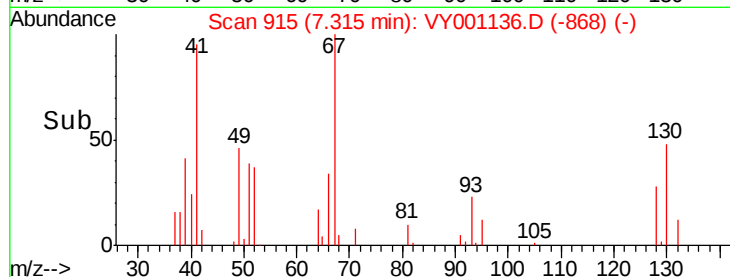
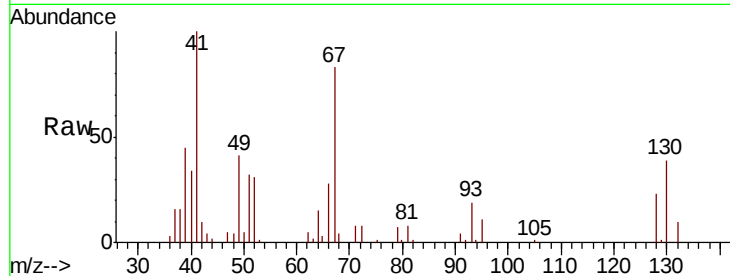
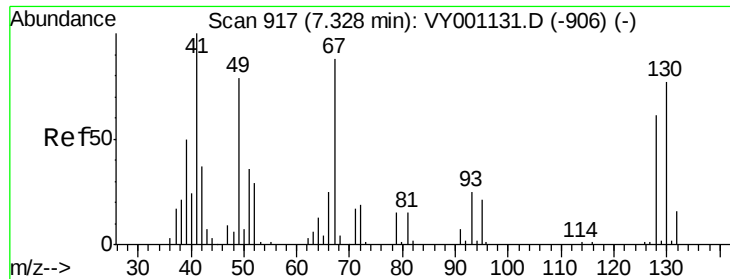
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#40
Benzene
Concen: 20.669 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.01 min
Lab File: VY001136.D
Acq: 02 Jan 2020 16:03

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.9	18.8	28.2





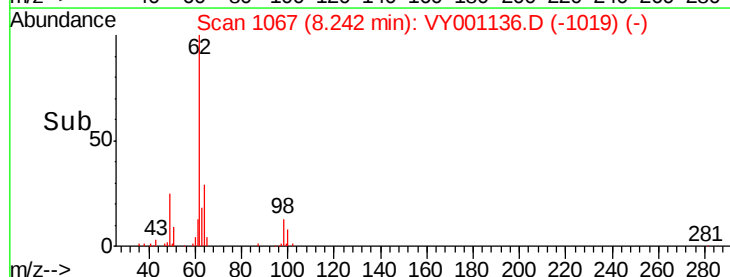
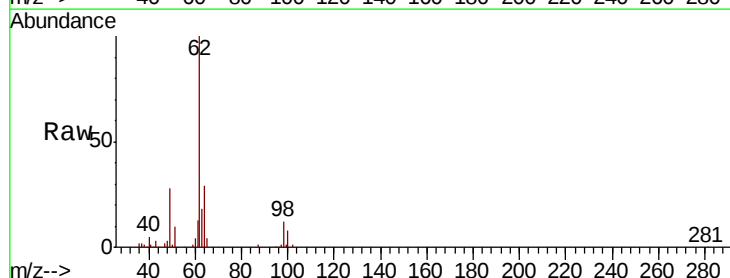
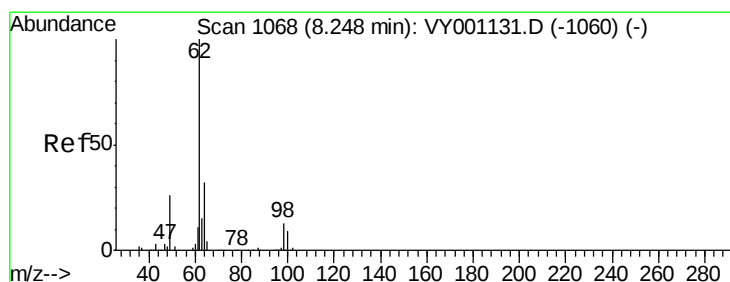
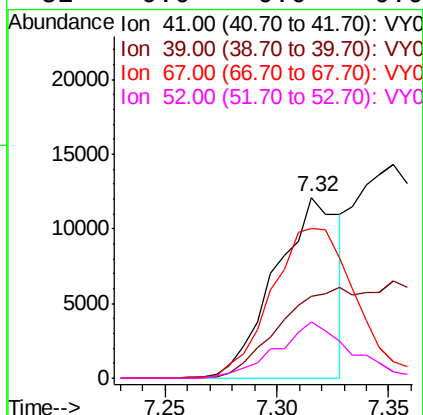
#41
Methacrylonitrile
Concen: 23.883 ug/l m
RT: 7.32 min Scan# 915
Delta R.T. -0.01 min
Lab File: VY001136.D
Acq: 02 Jan 2020 16:03

Tot Ion	Ratio	Lower	Upper
41	100		
39	0.0	122.9	184.3#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

Instrument :
MSVOA_Y
ClientSampleId :
VY0102SBS01

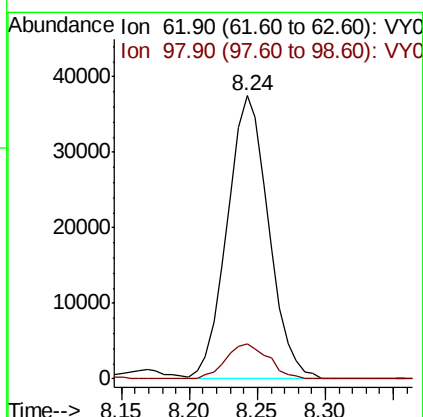
Manual Integrations
APPROVED

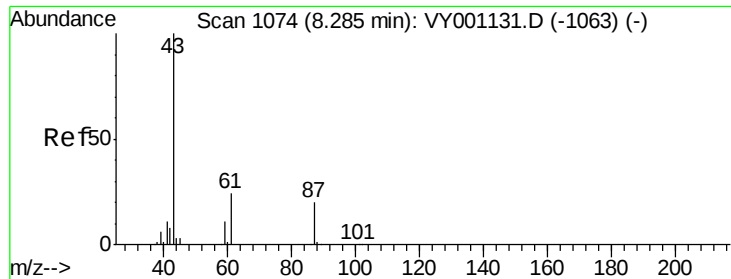
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#42
1,2-Dichloroethane
Concen: 20.399 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.01 min
Lab File: VY001136.D
Acq: 02 Jan 2020 16:03

Tgt Ion	Ratio	Lower	Upper
62	100		
98	12.8	0.0	24.4





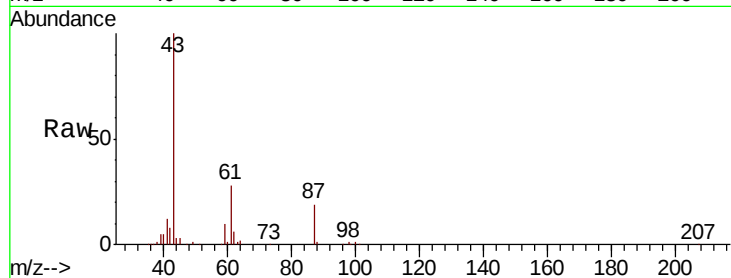
#43
Isopropyl Acetate
Concen: 20.569 ug/l
RT: 8.28 min Scan# 1073
Delta R.T. -0.01 min
Lab File: VY001136.D
Acq: 02 Jan 2020 16:03

Instrument :
MSVOA_Y
ClientSampleId :
VY0102SBS01

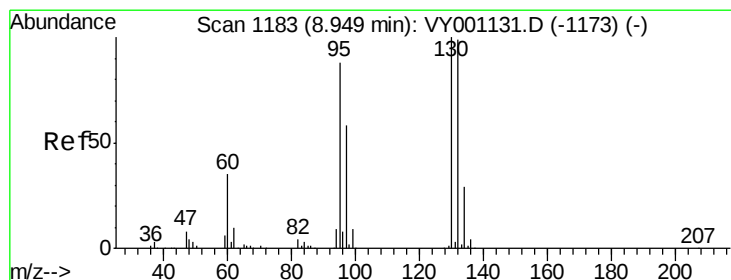
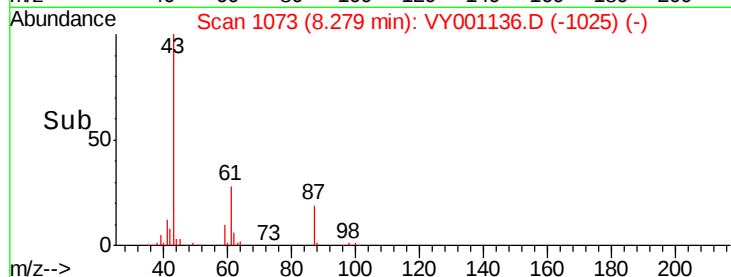
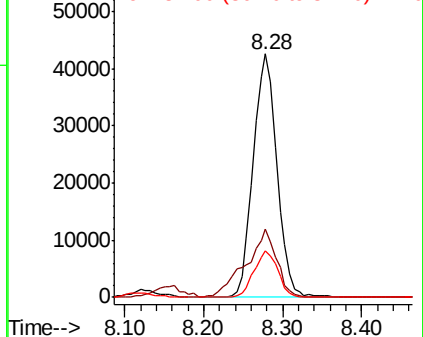
Tot Ion	Ratio	Lower	Upper
43	100		
61	36.0	29.1	43.7
87	19.2	15.4	23.2

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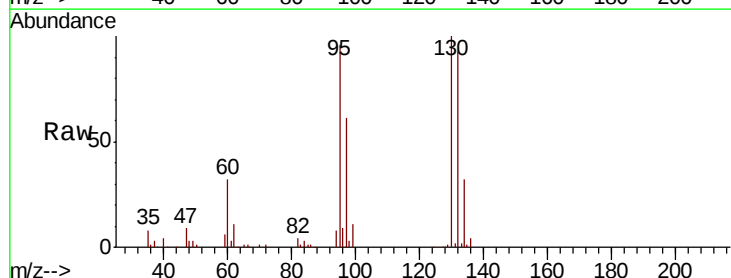


Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 61.00 (60.70 to 61.70): VY0
Ion 87.00 (86.70 to 87.70): VY0

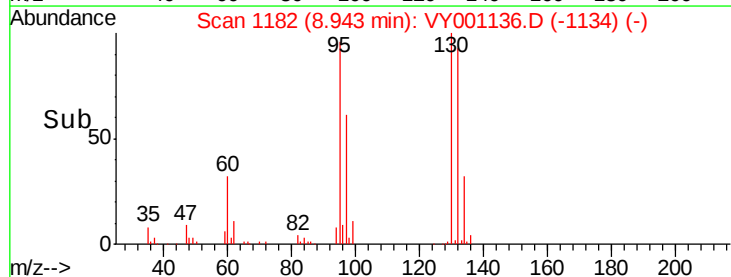
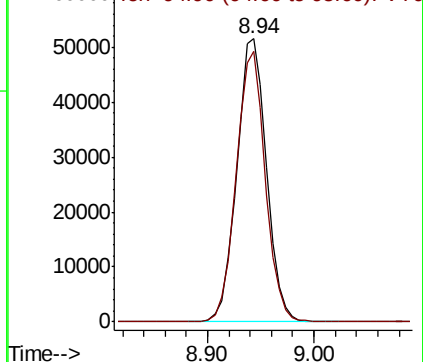


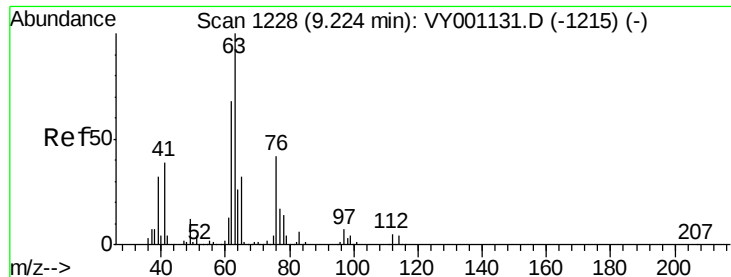
#44
Trichloroethene
Concen: 20.602 ug/l
RT: 8.94 min Scan# 1182
Delta R.T. -0.01 min
Lab File: VY001136.D
Acq: 02 Jan 2020 16:03

Tgt Ion	Ratio	Lower	Upper
130	100		
95	95.8	0.0	176.8



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VY0





#45

1,2-Dichloropropane

Concen: 20.601 ug/l

RT: 9.22 min Scan# 1227

Delta R.T. -0.01 min

Lab File: VY001136.D

Acq: 02 Jan 2020 16:03

Instrument :

MSVOA_Y

ClientSampleId :

VY0102SBS01

Tot Ion: 63 Resp: 74838

Ion Ratio Lower Upper

63 100

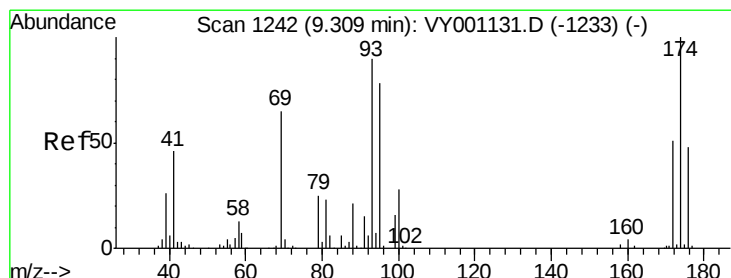
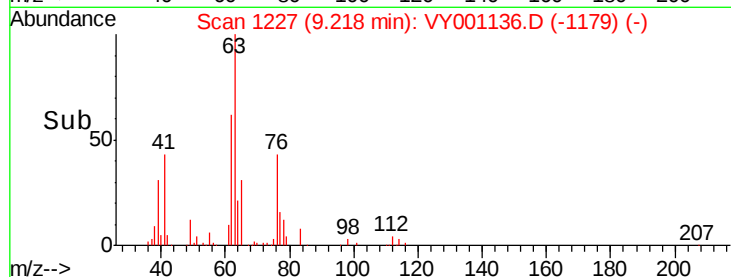
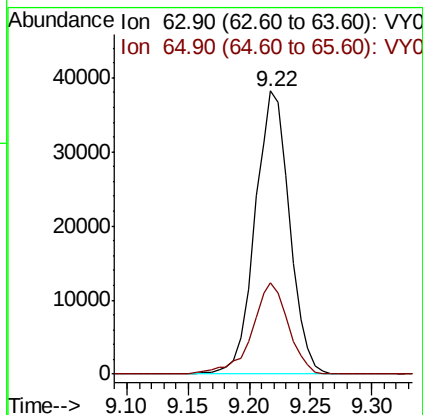
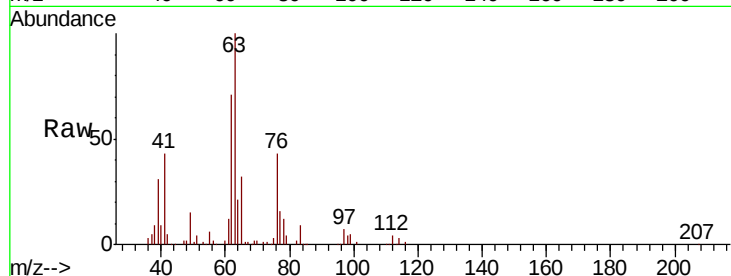
65 32.2 25.6 38.4

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#46

Dibromomethane

Concen: 20.804 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. 0.00 min

Lab File: VY001136.D

Acq: 02 Jan 2020 16:03

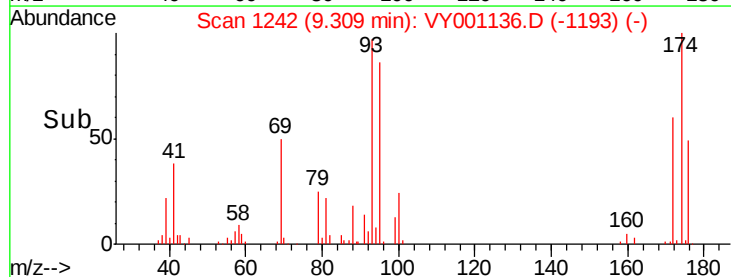
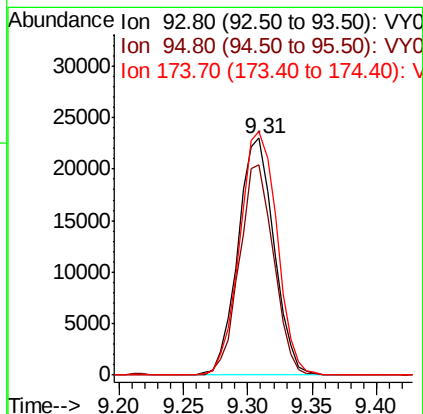
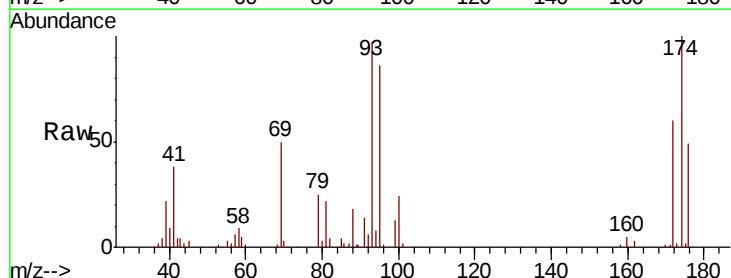
Tgt Ion: 93 Resp: 44515

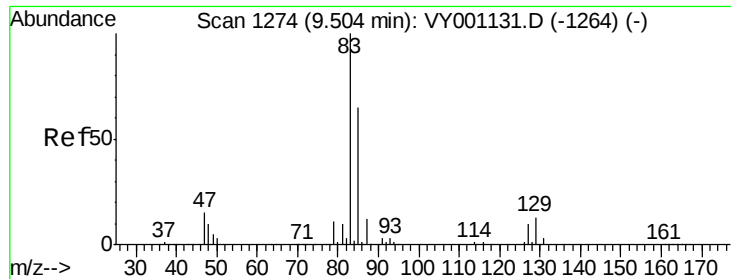
Ion Ratio Lower Upper

93 100

95 84.2 68.7 103.1

174 106.4 88.0 132.0





#47

Bromodichloromethane

Concen: 20.729 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.01 min

Lab File: VY001136.D

Acq: 02 Jan 2020 16:03

Instrument :

MSVOA_Y

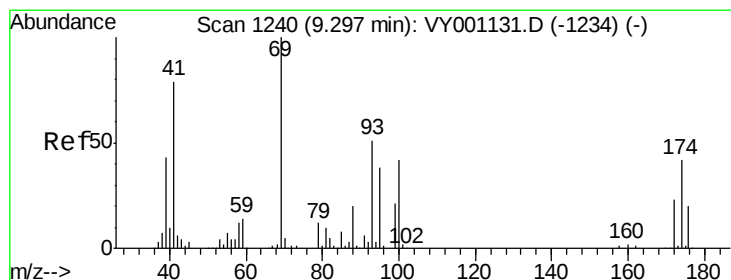
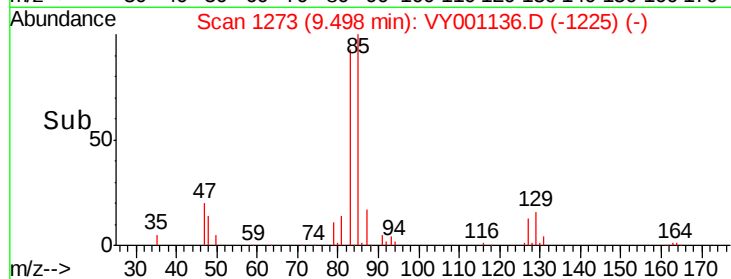
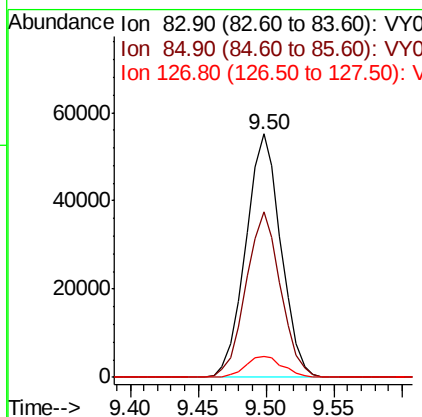
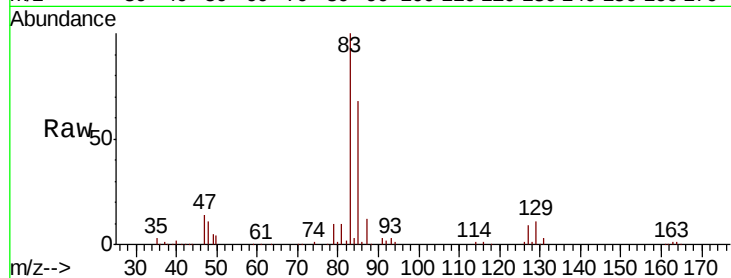
ClientSampleId :

VY0102SBS01

Tot Ion:	83	Resp:	99794
Ion Ratio	Lower	Upper	
83	100		
85	68.2	51.7	77.5
127	8.6	7.6	11.4

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#48

Methyl methacrylate

Concen: 19.809 ug/l

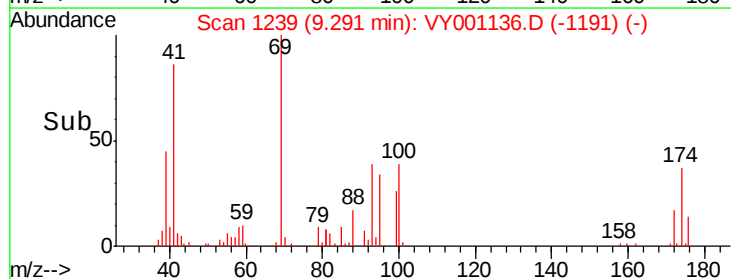
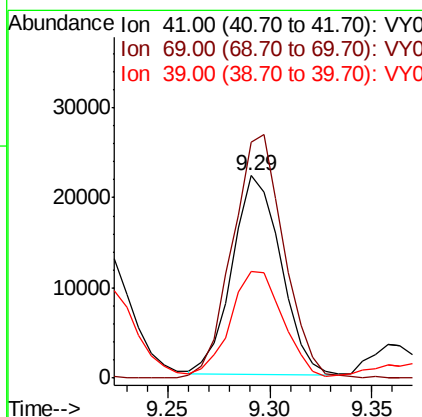
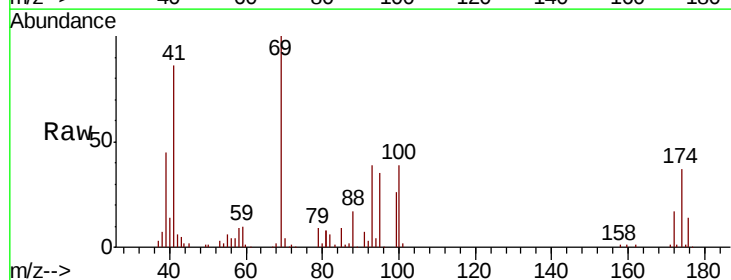
RT: 9.29 min Scan# 1239

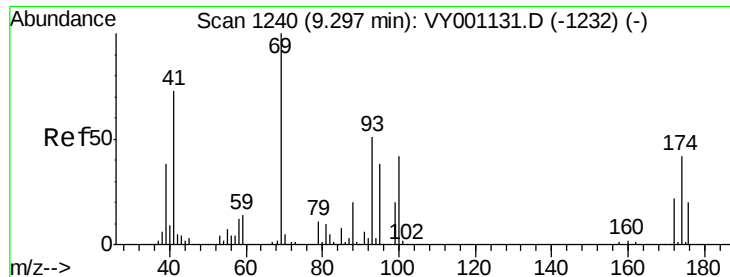
Delta R.T. -0.01 min

Lab File: VY001136.D

Acq: 02 Jan 2020 16:03

Tgt Ion:	41	Resp:	36640
Ion Ratio	Lower	Upper	
41	100		
69	129.6	100.3	150.5
39	58.3	47.6	71.4





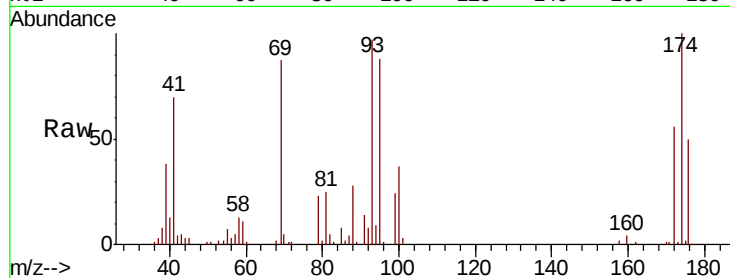
#49
1,4-Dioxane
Concen: 392.186 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. 0.01 min
Lab File: VY001136.D
Acq: 02 Jan 2020 16:03

Instrument :
MSVOA_Y
ClientSampleId :
VY0102SBS01

Tot Ion	88	Resp	12622
Ion Ratio	Lower	Upper	
88	100		
43	22.4	19.0	28.4
58	60.2	48.2	72.4

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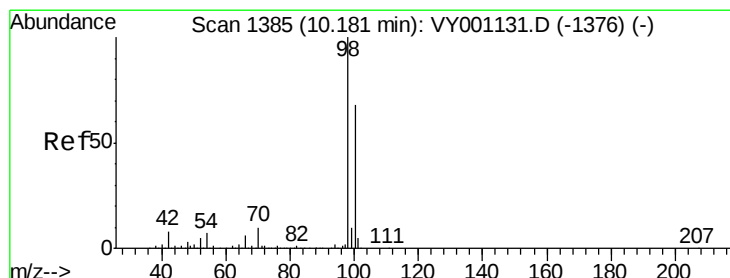
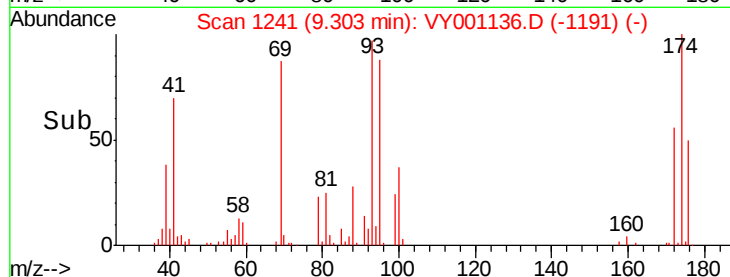
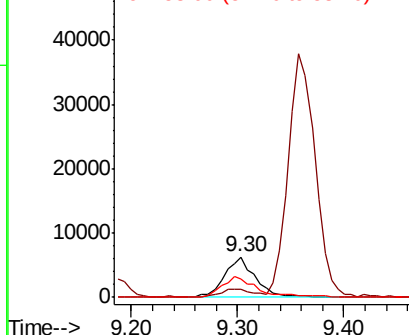


Abundance

Ion 88.00 (87.70 to 88.70): VY0

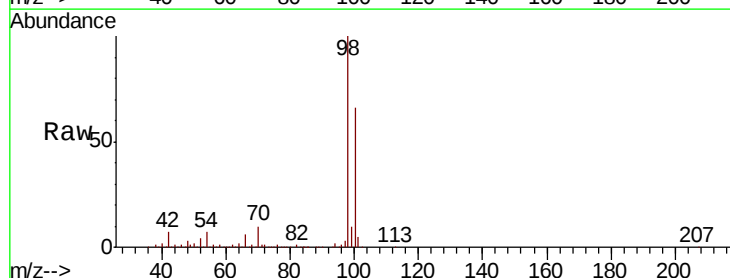
Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#50
Toluene-d8
Concen: 56.247 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY001136.D
Acq: 02 Jan 2020 16:03

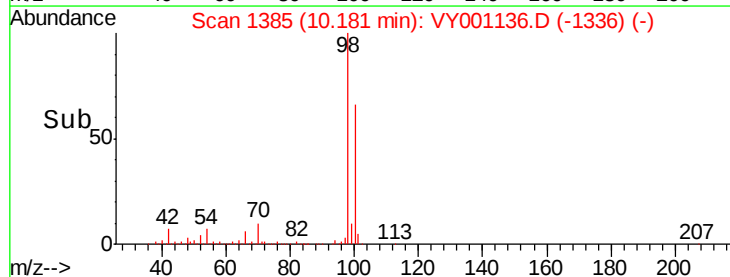
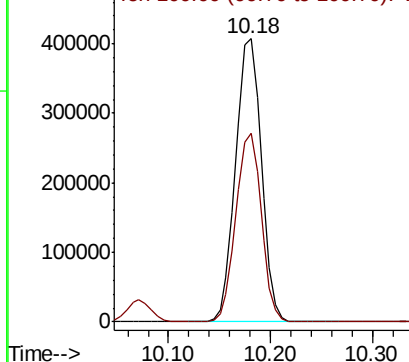
Tgt Ion	98	Resp	712084
Ion Ratio	Lower	Upper	
98	100		
100	65.9	53.2	79.8

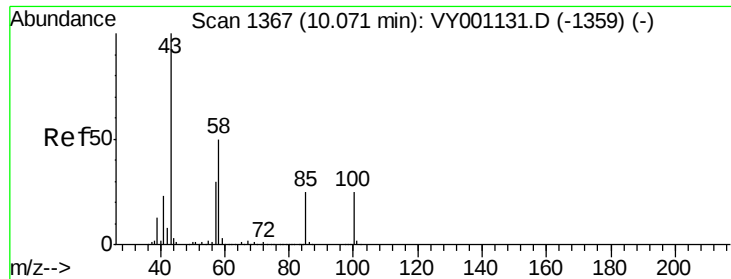


Abundance

Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0





#51

4-Methyl-2-Pentanone

Concen: 113.444 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. 0.00 min

Lab File: VY001136.D

Acq: 02 Jan 2020 16:03

Instrument :

MSVOA_Y

ClientSampleId :

VY0102SBS01

Tot Ion: 43 Resp: 232290

Ion Ratio Lower Upper

43 100

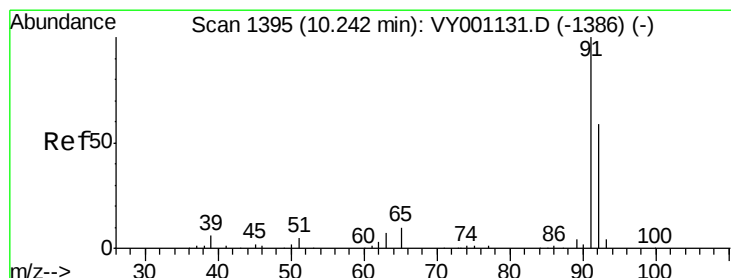
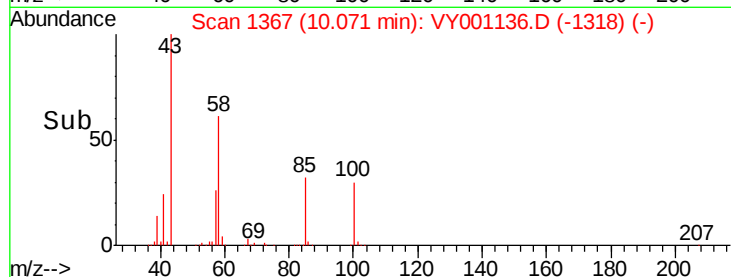
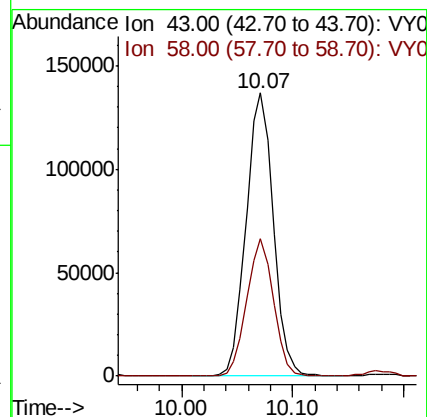
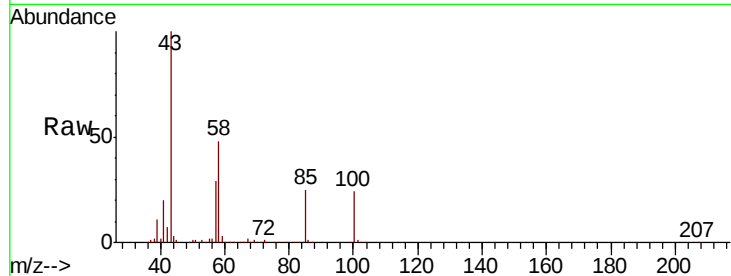
58 47.8 39.1 58.7

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#52

Toluene

Concen: 21.628 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. 0.00 min

Lab File: VY001136.D

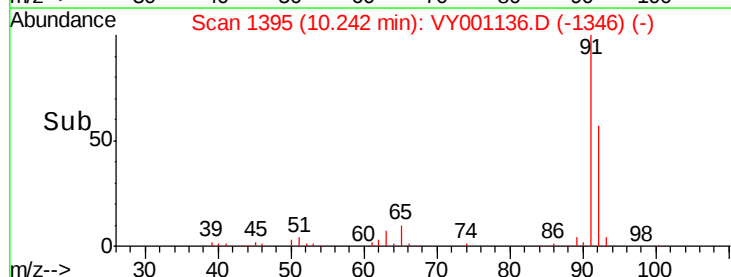
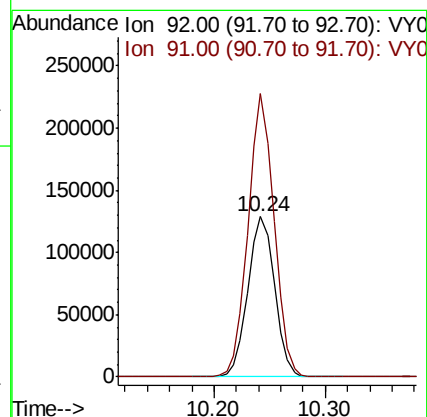
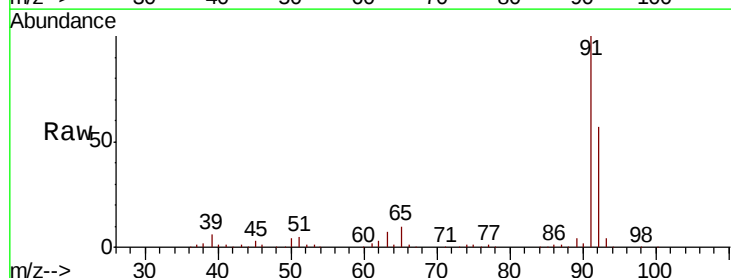
Acq: 02 Jan 2020 16:03

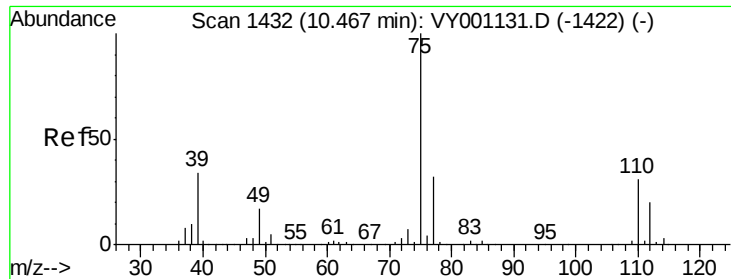
Tgt Ion: 92 Resp: 215449

Ion Ratio Lower Upper

92 100

91 171.5 137.6 206.4





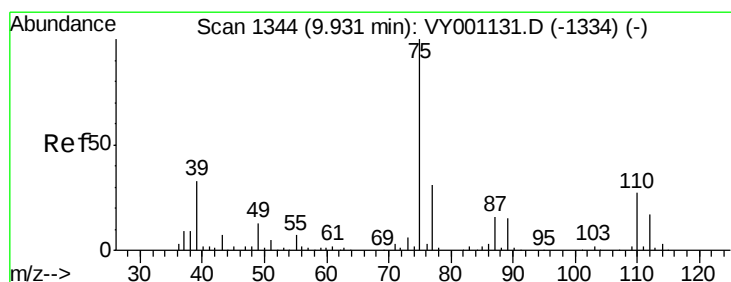
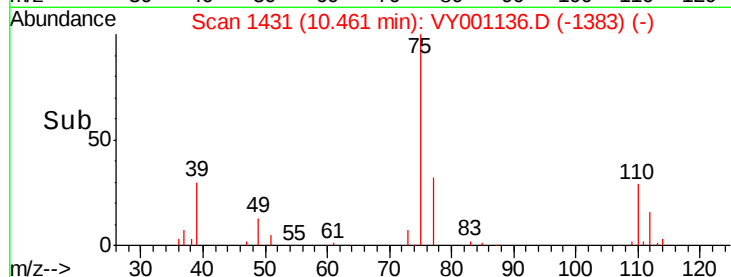
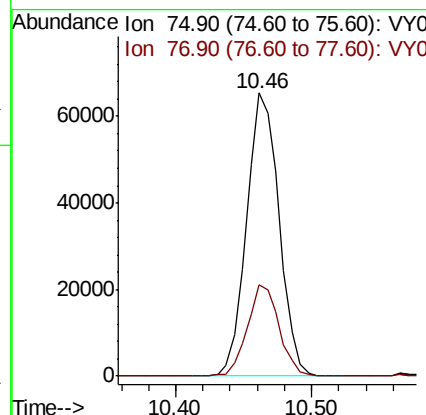
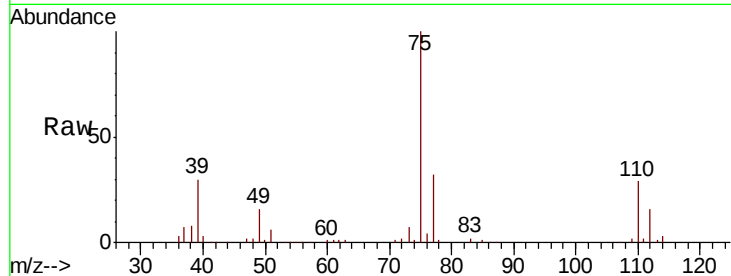
#53
t-1,3-Dichloropropene
Concen: 21.697 ug/l
RT: 10.46 min Scan# 1431
Delta R.T. -0.01 min
Lab File: VY001136.D
Acq: 02 Jan 2020 16:03

Instrument :
MSVOA_Y
ClientSampleId :
VY0102SBS01

Tot Ion: 75 Resp: 109113
Ion Ratio Lower Upper
75 100
77 32.4 25.7 38.5

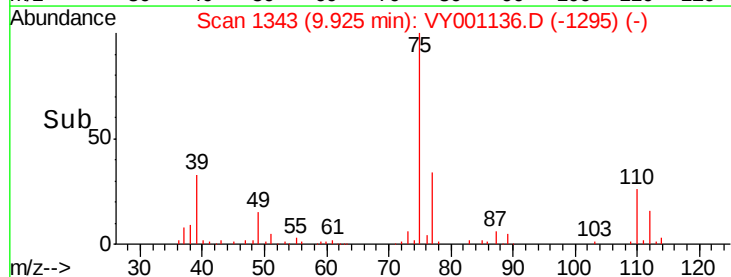
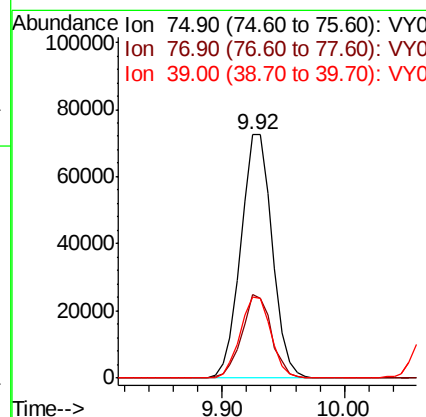
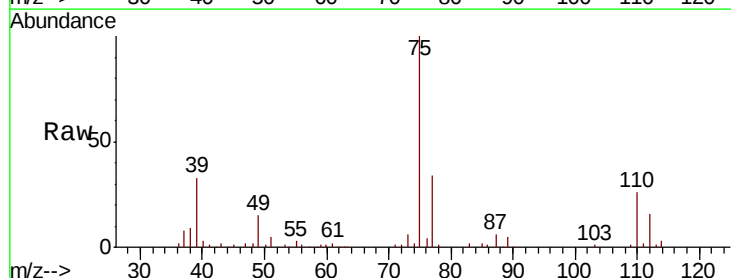
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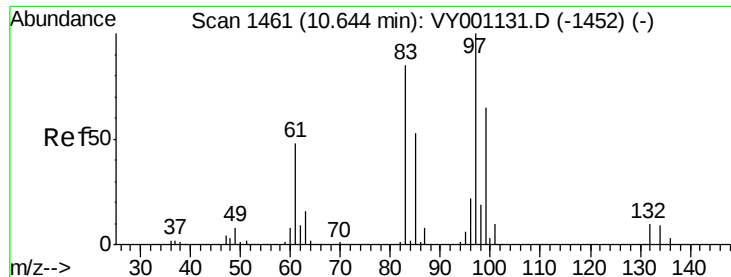
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#54
cis-1,3-Dichloropropene
Concen: 21.849 ug/l
RT: 9.92 min Scan# 1343
Delta R.T. -0.01 min
Lab File: VY001136.D
Acq: 02 Jan 2020 16:03

Tgt Ion: 75 Resp: 129074
Ion Ratio Lower Upper
75 100
77 34.2 24.6 37.0
39 33.4 26.2 39.4





#55

1,1,2-Trichloroethane

Concen: 21.426 ug/l

RT: 10.64 min Scan# 1461

Delta R.T. 0.00 min

Lab File: VY001136.D

Acq: 02 Jan 2020 16:03

Instrument :

MSVOA_Y

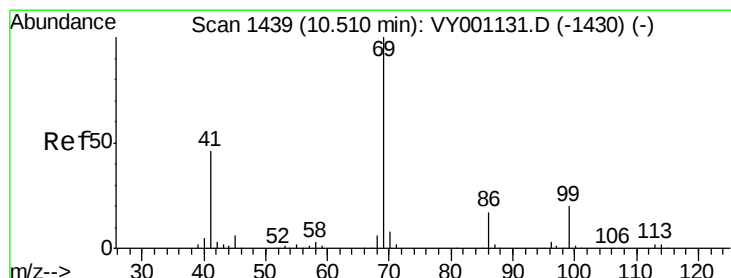
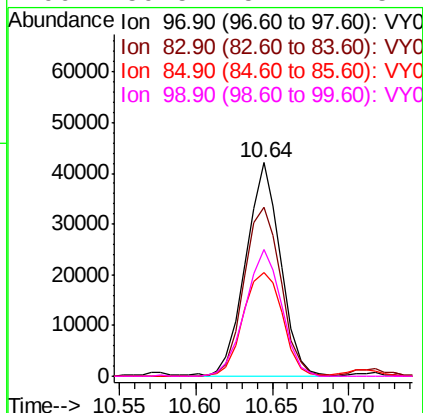
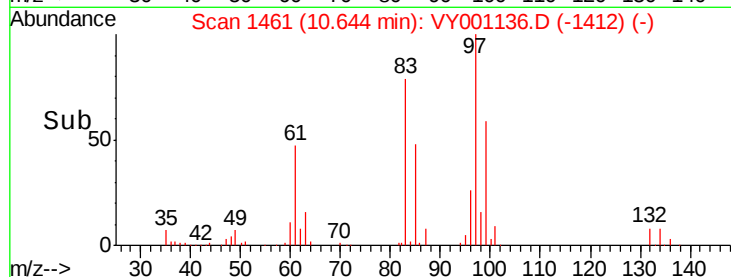
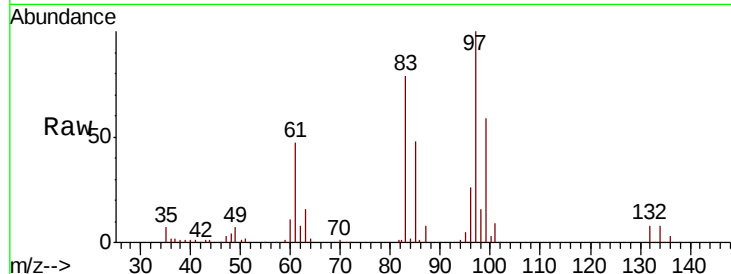
ClientSampleId :

VY0102SBS01

Tot Ion:	97	Resp:	66273
Ion	Ratio	Lower	Upper
97	100		
83	79.4	67.7	101.5
85	48.6	42.7	64.1
99	59.5	52.2	78.2

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#56

Ethyl methacrylate

Concen: 21.892 ug/l

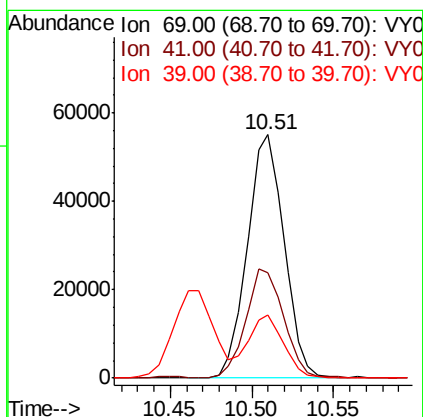
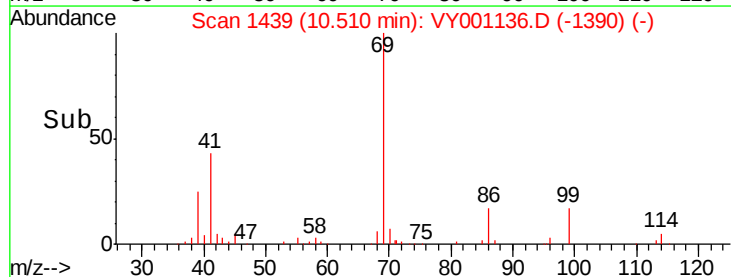
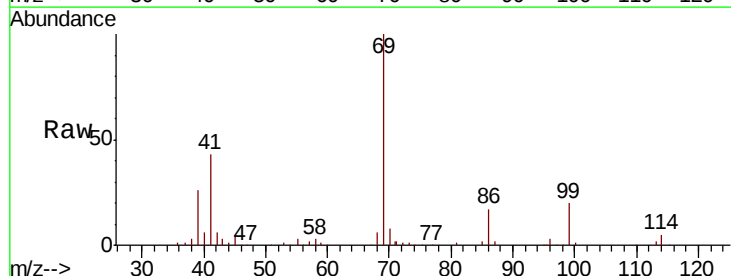
RT: 10.51 min Scan# 1439

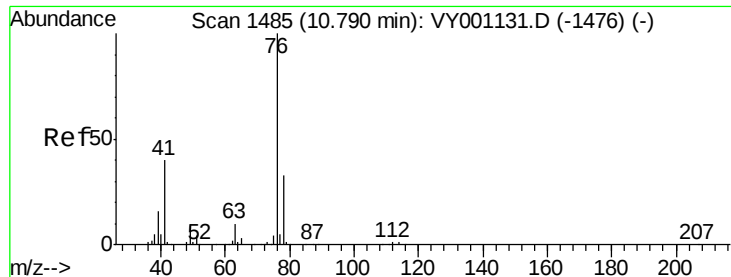
Delta R.T. 0.00 min

Lab File: VY001136.D

Acq: 02 Jan 2020 16:03

Tgt Ion:	69	Resp:	86786
Ion	Ratio	Lower	Upper
69	100		
41	46.0	37.5	56.3
39	25.4	19.0	28.6





#57

1,3-Dichloropropane

Concen: 22.468 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VY001136.D

Acq: 02 Jan 2020 16:03

Instrument :

MSVOA_Y

ClientSampleId :

VY0102SBS01

Tot Ion: 76 Resp: 108569

Ion Ratio Lower Upper

76 100

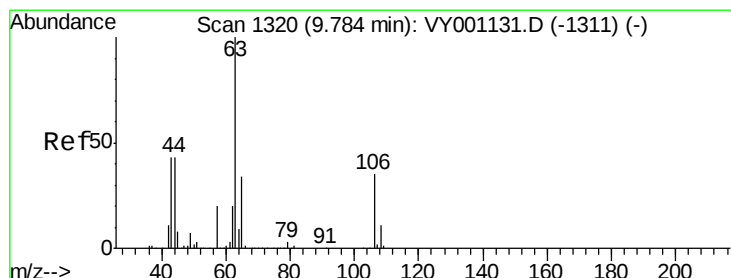
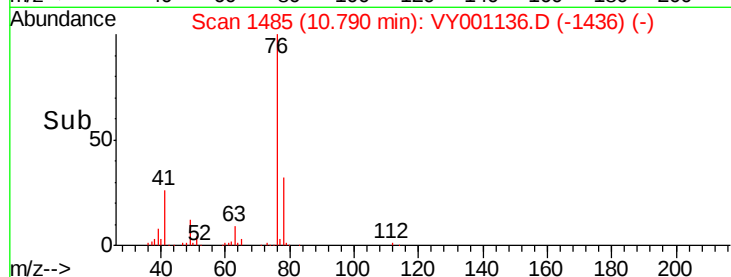
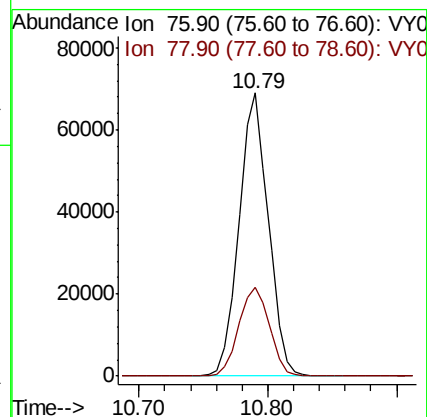
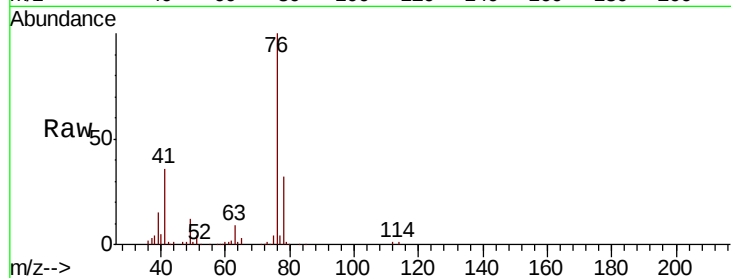
78 32.7 26.2 39.2

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#58

2-Chloroethyl Vinyl ether

Concen: 108.876 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. 0.00 min

Lab File: VY001136.D

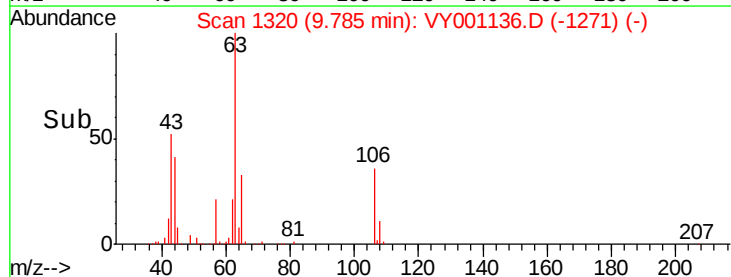
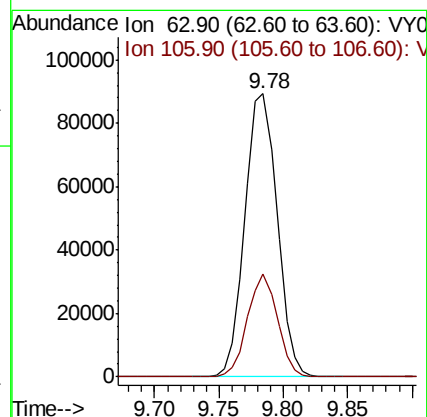
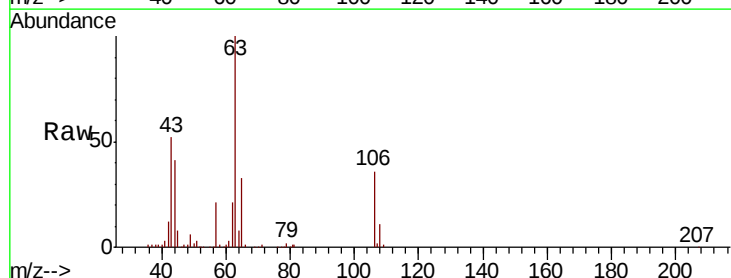
Acq: 02 Jan 2020 16:03

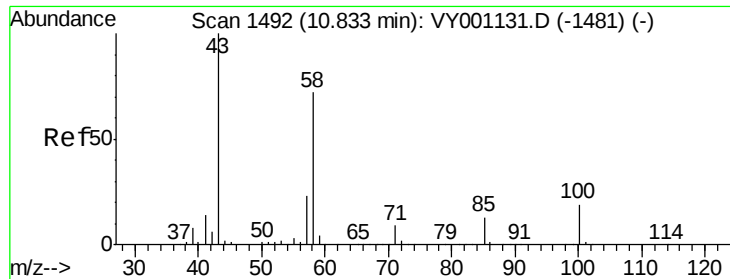
Tgt Ion: 63 Resp: 154688

Ion Ratio Lower Upper

63 100

106 33.7 28.0 42.0





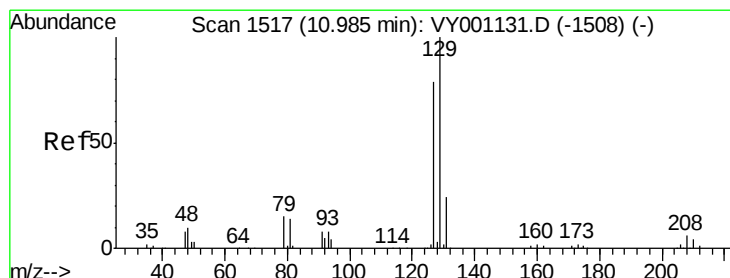
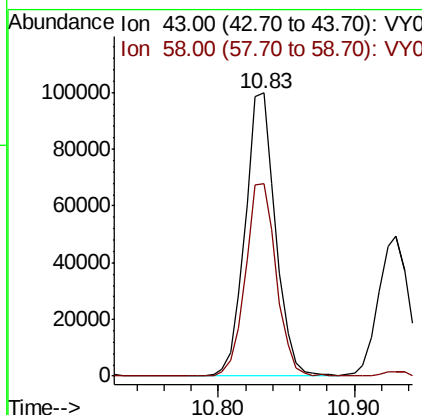
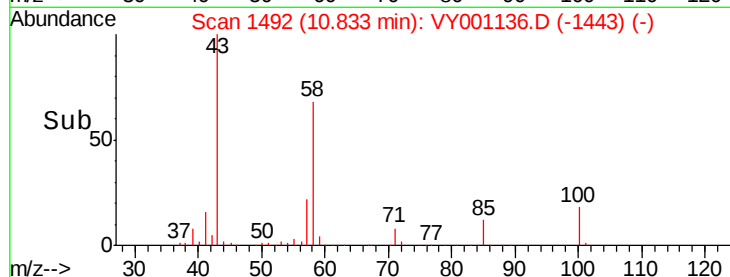
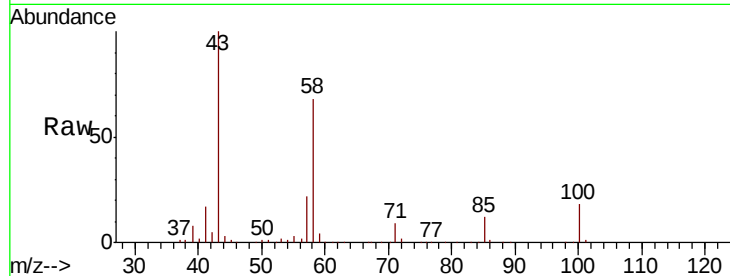
#59
2-Hexanone
Concen: 112.859 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY001136.D
Acq: 02 Jan 2020 16:03

Instrument :
MSVOA_Y
ClientSampleId :
VY0102SBS01

Tot Ion: 43 Resp: 156129
Ion Ratio Lower Upper
43 100
58 69.0 34.4 103.3

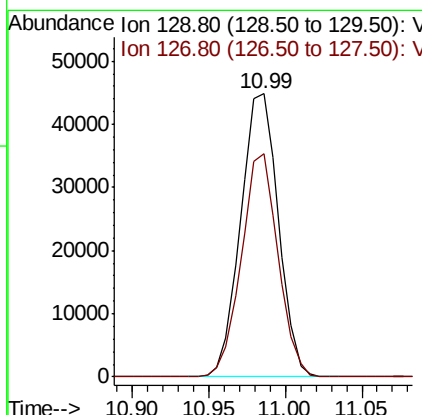
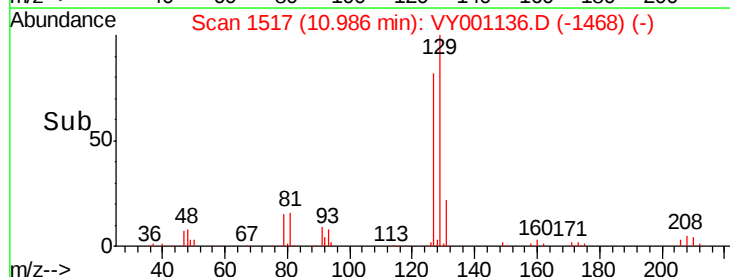
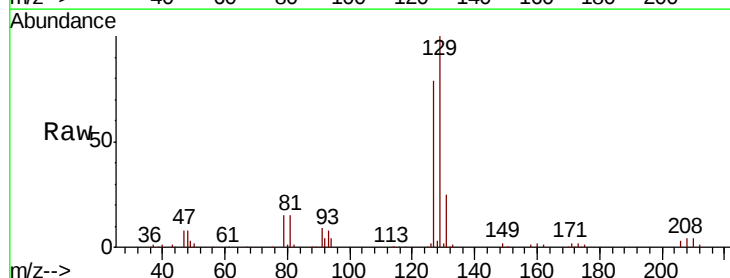
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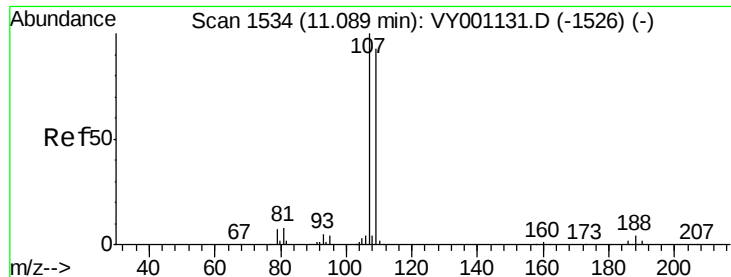
apatel
1/3/2020 11:13:22 AM



#60
Dibromochloromethane
Concen: 21.684 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY001136.D
Acq: 02 Jan 2020 16:03

Tgt Ion: 129 Resp: 76801
Ion Ratio Lower Upper
129 100
127 76.4 38.5 115.5





#61

1,2-Dibromoethane

Concen: 21.661 ug/l

RT: 11.09 min Scan# 1534

Delta R.T. 0.00 min

Lab File: VY001136.D

Acq: 02 Jan 2020 16:03

Instrument :

MSVOA_Y

ClientSampleId :

VY0102SBS01

Tot Ion: 107 Resp: 65147

Ion Ratio Lower Upper

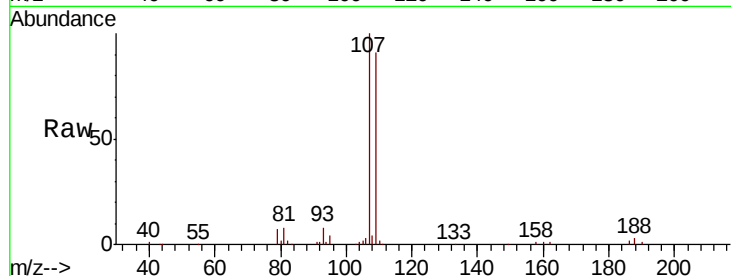
107 100

109 93.8 75.4 113.2

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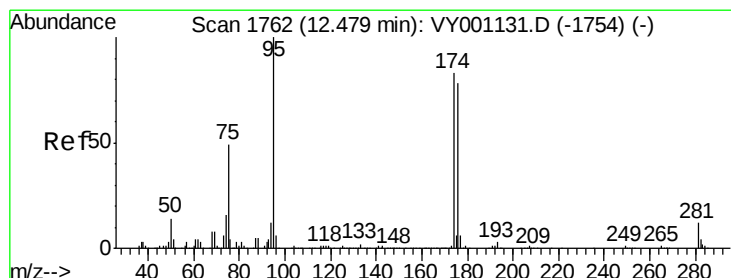
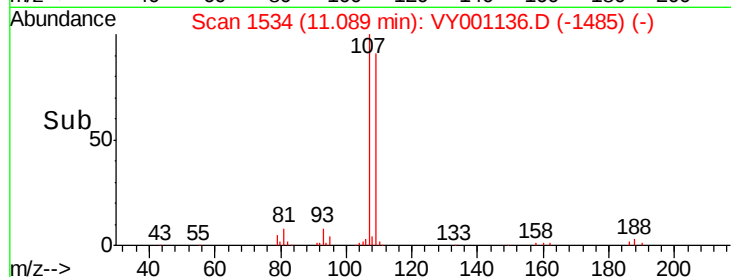
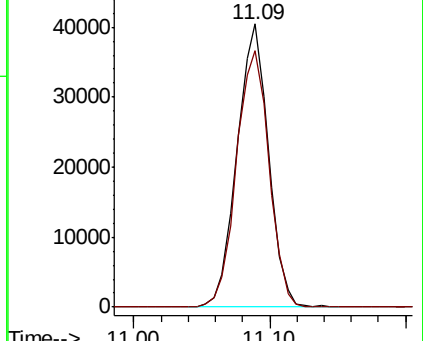
apatel

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.904 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY001136.D

Acq: 02 Jan 2020 16:03

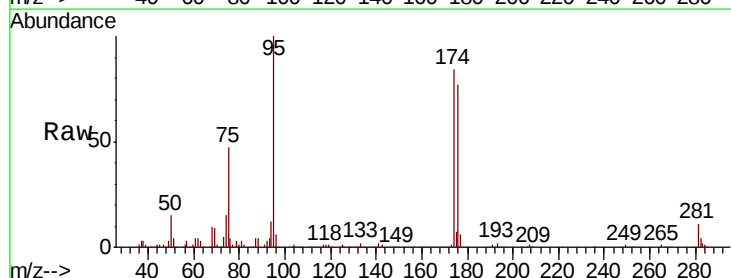
Tgt Ion: 95 Resp: 235453

Ion Ratio Lower Upper

95 100

174 84.3 0.0 171.8

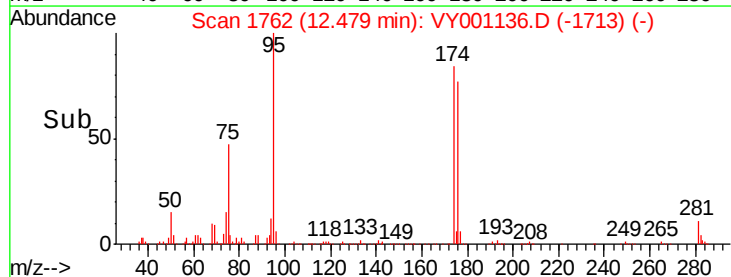
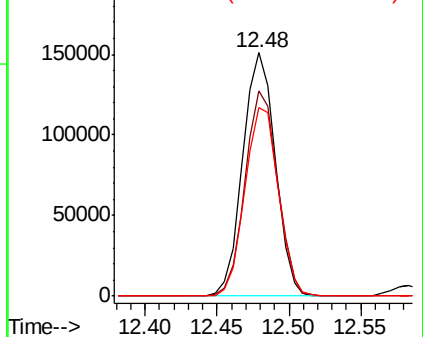
176 79.6 0.0 163.6

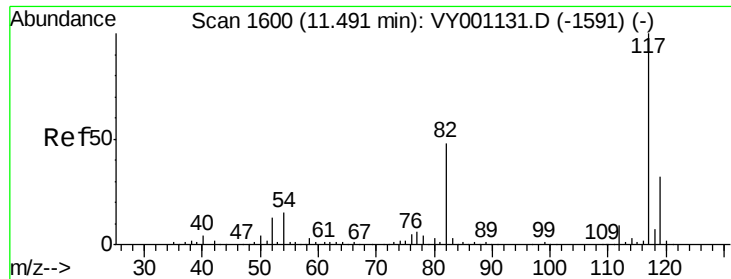


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





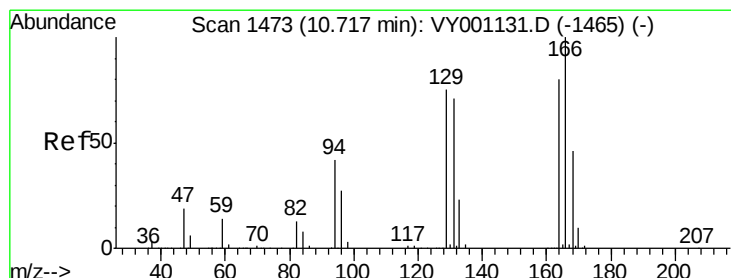
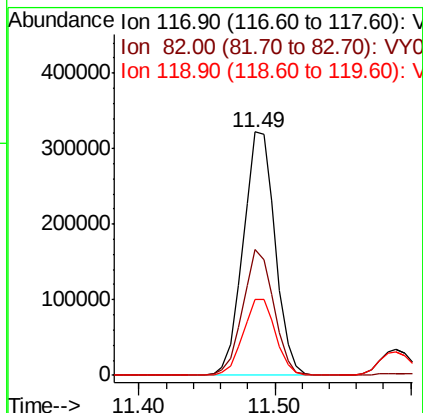
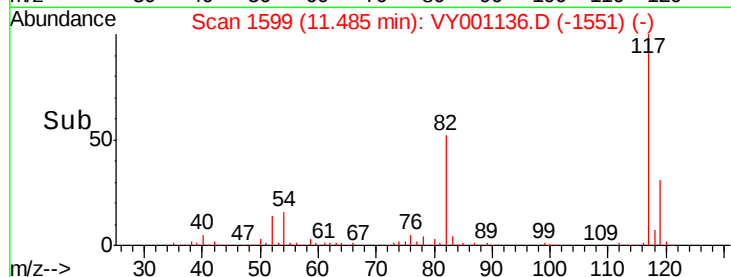
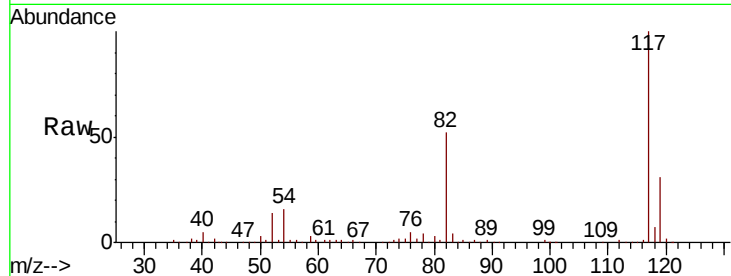
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VY001136.D
Acq: 02 Jan 2020 16:03

Instrument :
MSVOA_Y
ClientSampleId :
VY0102SBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.6	38.5	57.7
119	31.0	25.9	38.9

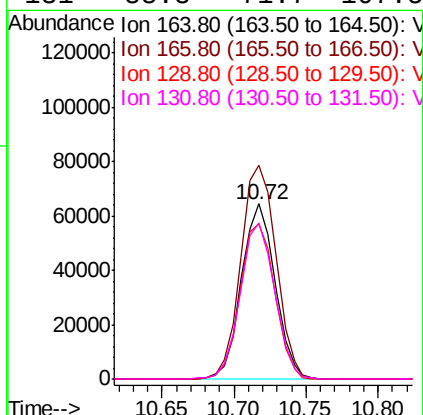
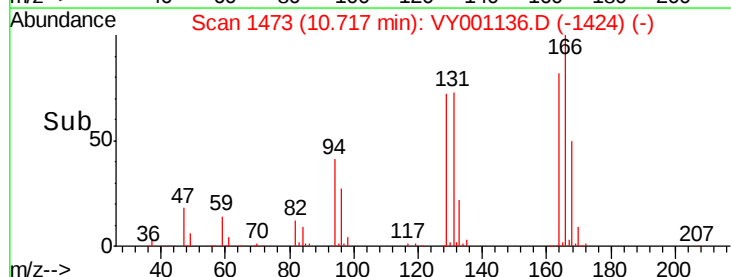
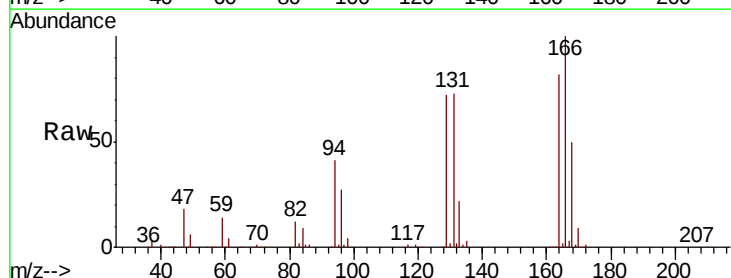
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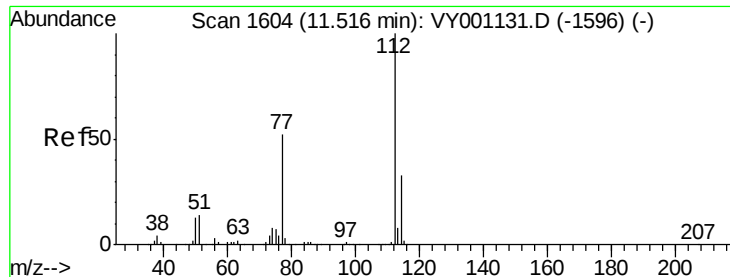
apatel
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#64
Tetrachloroethene
Concen: 21.146 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY001136.D
Acq: 02 Jan 2020 16:03

Tgt Ion	Ratio	Lower	Upper
164	100		
166	122.0	100.6	151.0
129	88.3	75.0	112.4
131	88.8	71.7	107.5





#65

Chlorobenzene

Concen: 20.773 ug/l

RT: 11.52 min Scan# 1604

Delta R.T. 0.00 min

Lab File: VY001136.D

Acq: 02 Jan 2020 16:03

Instrument :

MSVOA_Y

ClientSampleId :

VY0102SBS01

Tot Ion:112 Resp: 232882

Ion Ratio Lower Upper

112 100

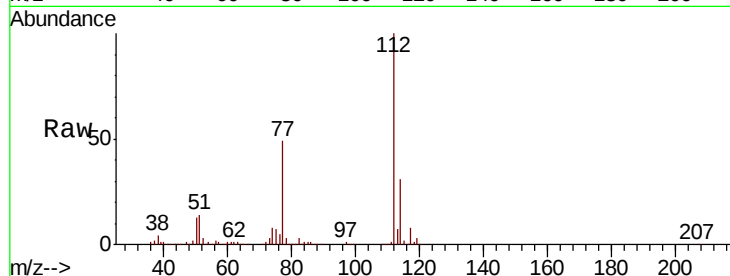
114 31.4 26.5 39.7

Manual Integrations

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

11.52

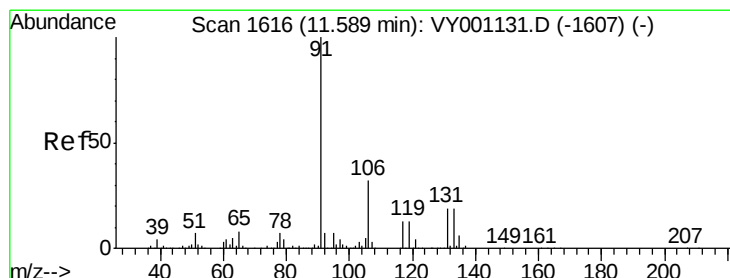
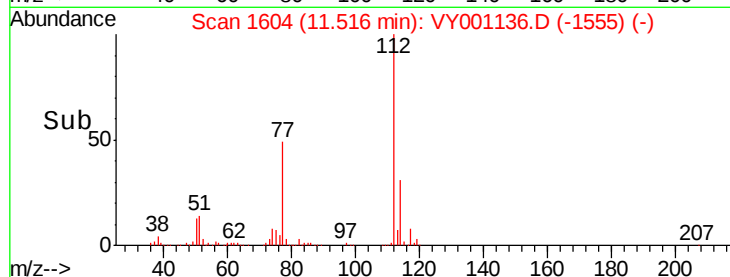
150000

100000

50000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 20.038 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. 0.00 min

Lab File: VY001136.D

Acq: 02 Jan 2020 16:03

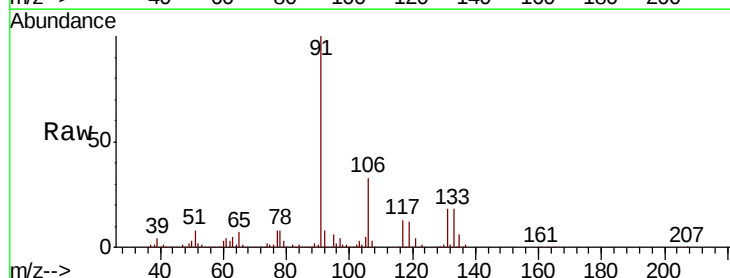
Tgt Ion:131 Resp: 79164

Ion Ratio Lower Upper

131 100

133 94.6 47.3 141.8

119 66.7 33.1 99.3



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

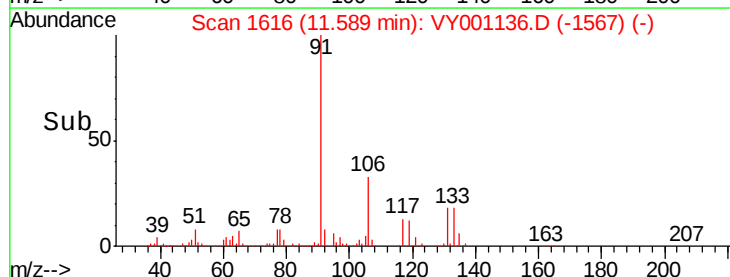
Ion 118.80 (118.50 to 119.50): V

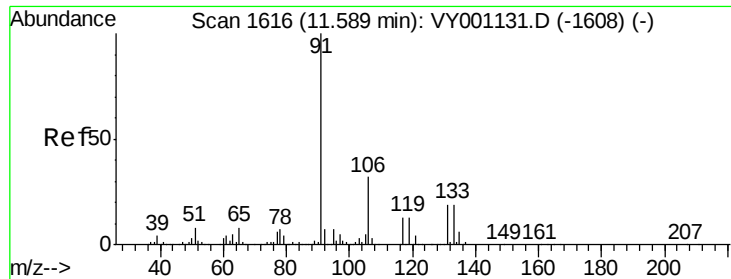
100000

50000

0

Time-->





#67

Ethyl Benzene

Concen: 20.744 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. 0.00 min

Lab File: VY001136.D

Acq: 02 Jan 2020 16:03

Instrument :

MSVOA_Y

ClientSampleId :

VY0102SBS01

Tot Ion: 91 Resp: 405201

Ion Ratio Lower Upper

91 100

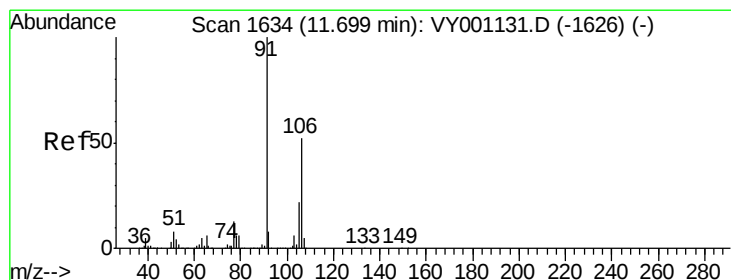
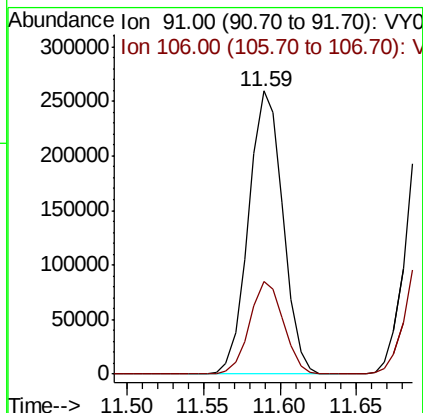
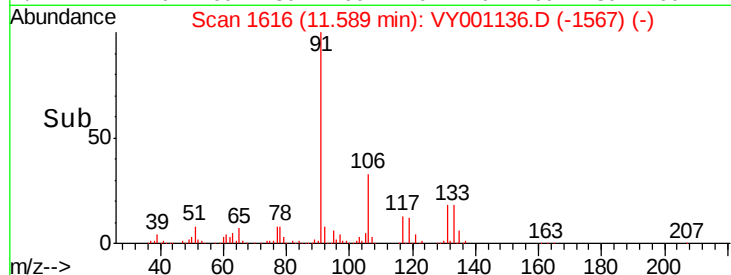
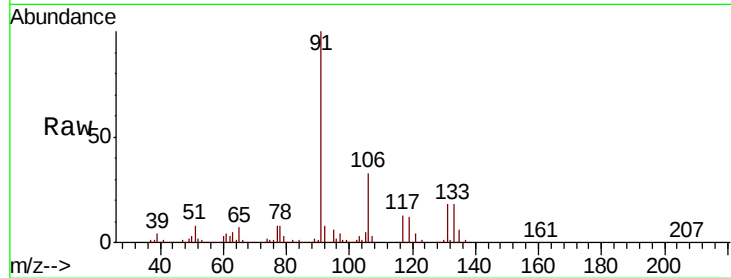
106 32.9 25.9 38.9

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#68

m/p-Xylenes

Concen: 40.552 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. 0.00 min

Lab File: VY001136.D

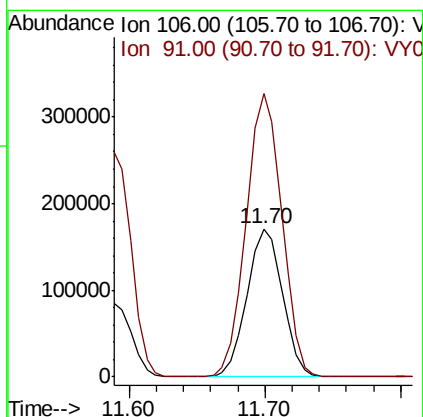
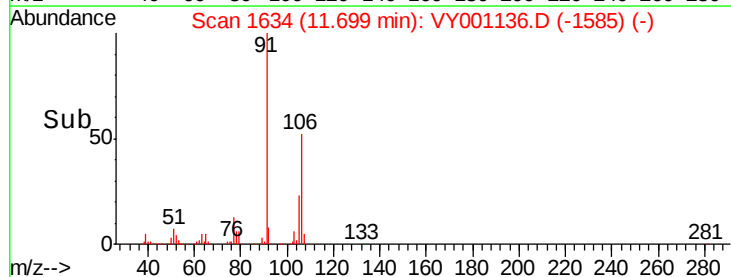
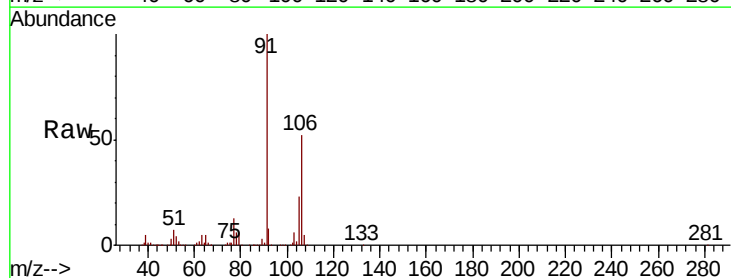
Acq: 02 Jan 2020 16:03

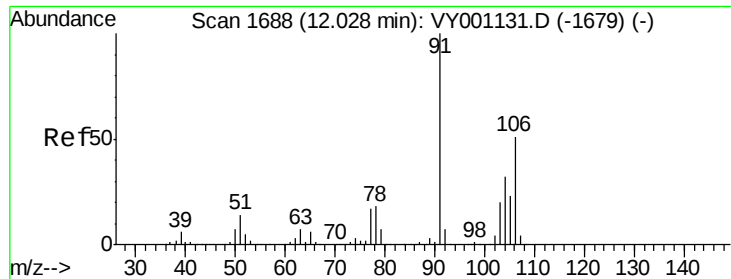
Tgt Ion: 106 Resp: 313195

Ion Ratio Lower Upper

106 100

91 192.6 154.3 231.5





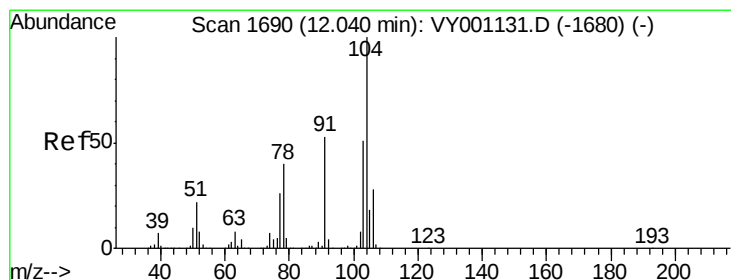
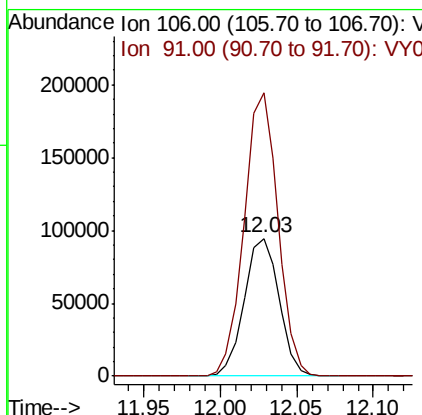
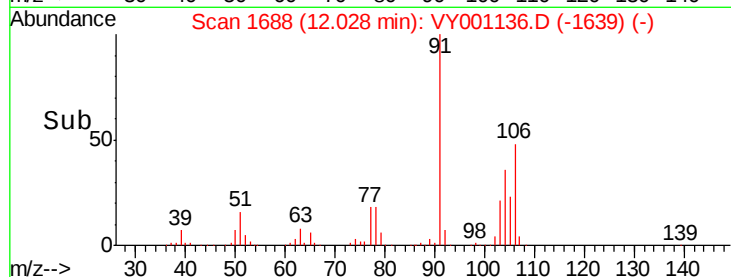
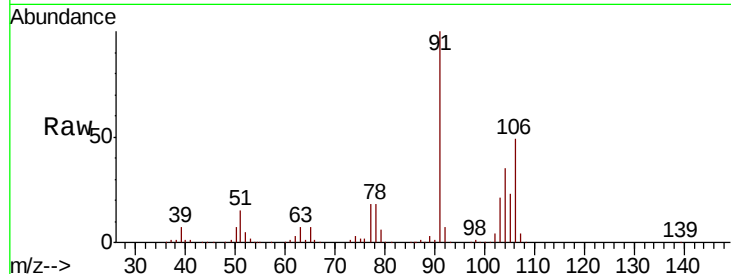
#69
o-Xylene
Concen: 20.431 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY001136.D
Acq: 02 Jan 2020 16:03

Instrument :
MSVOA_Y
ClientSampled :
VY0102SBS01

Tot Ion:106 Resp: 149812
Ion Ratio Lower Upper
106 100
91 200.0 100.8 302.4

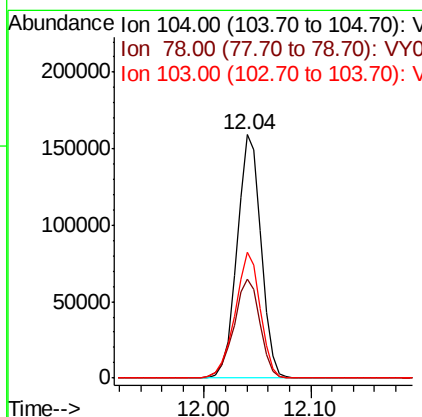
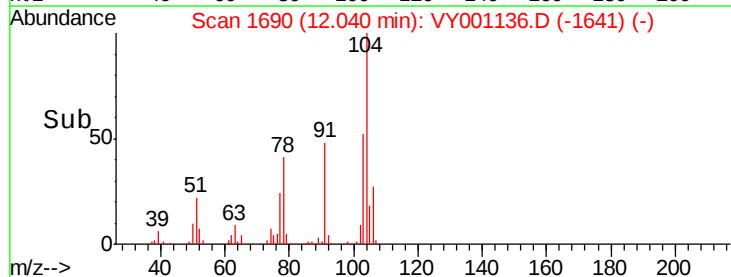
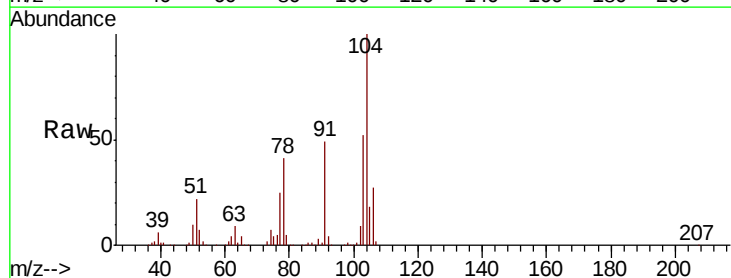
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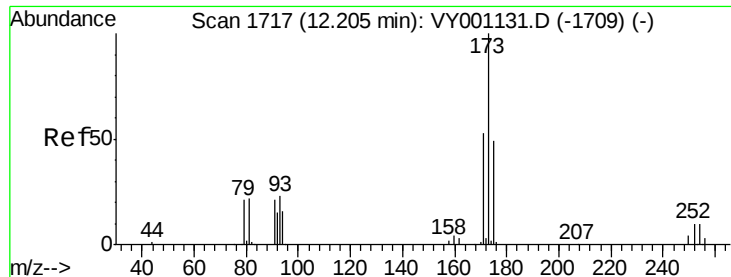
apatel
1/3/2020 11:13:22 AM



#70
Styrene
Concen: 20.292 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY001136.D
Acq: 02 Jan 2020 16:03

Tgt Ion:104 Resp: 251846
Ion Ratio Lower Upper
104 100
78 44.0 34.7 52.1
103 54.3 42.6 64.0





#71

Bromoform

Concen: 18.883 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VY001136.D

Acq: 02 Jan 2020 16:03

Instrument :

MSVOA_Y

ClientSampleId :

VY0102SBS01

Tot Ion:173 Resp: 43924

Ion Ratio Lower Upper

173 100

175 51.0 24.4 73.2

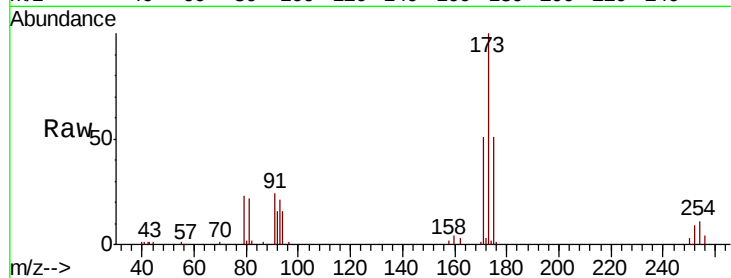
254 0.0 0.1 0.1#

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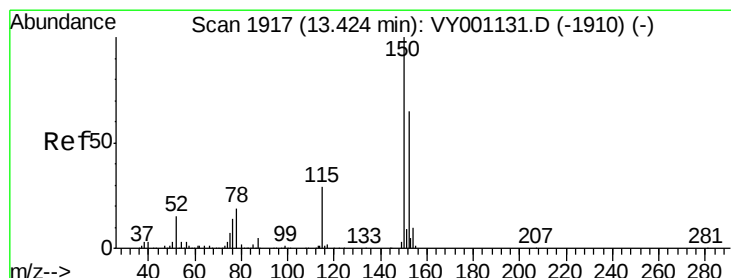
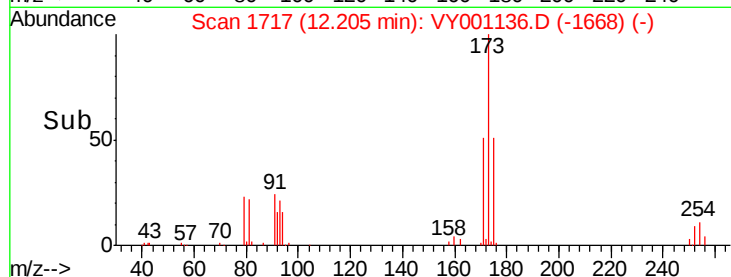
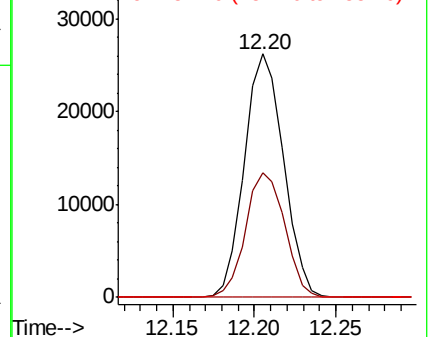
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. 0.00 min

Lab File: VY001136.D

Acq: 02 Jan 2020 16:03

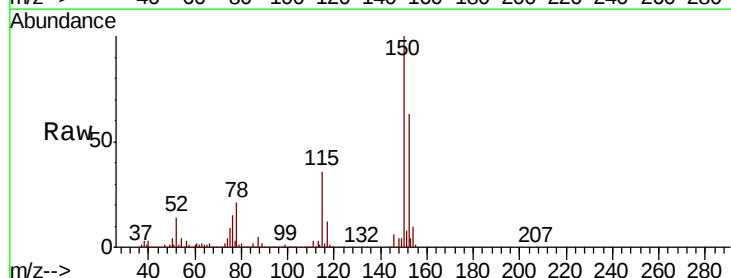
Tgt Ion:152 Resp: 243528

Ion Ratio Lower Upper

152 100

115 57.4 27.7 83.0

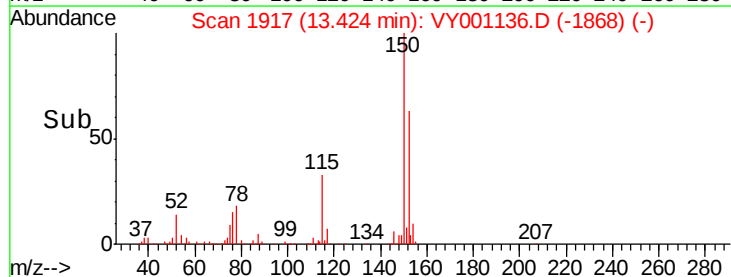
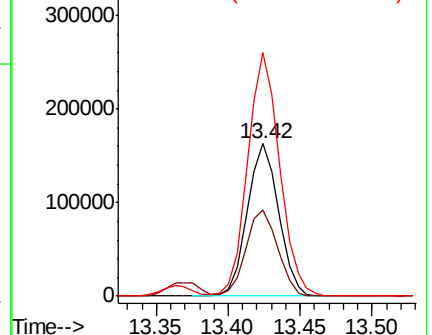
150 163.8 0.0 342.6

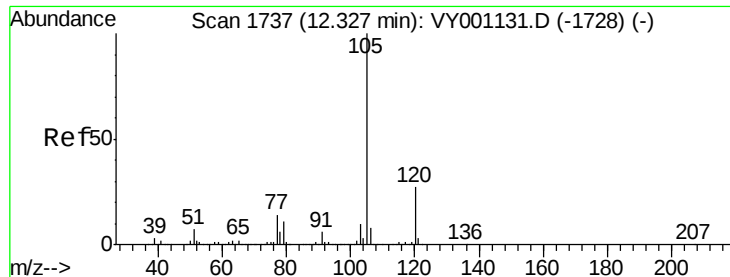


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





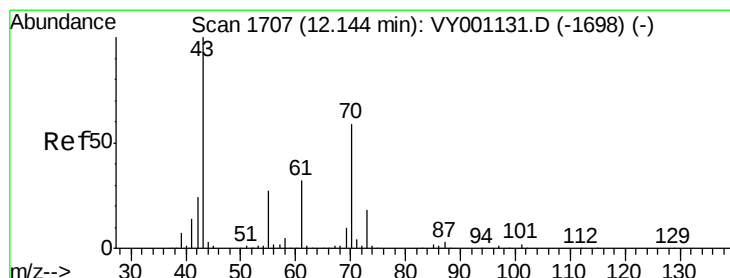
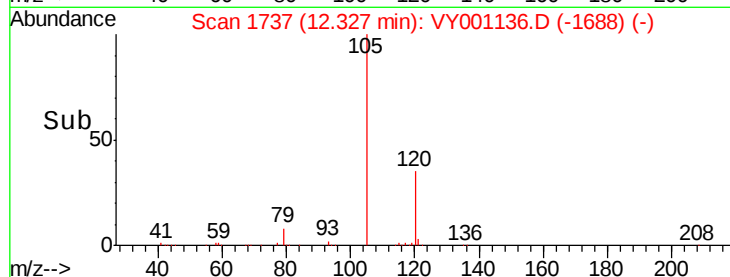
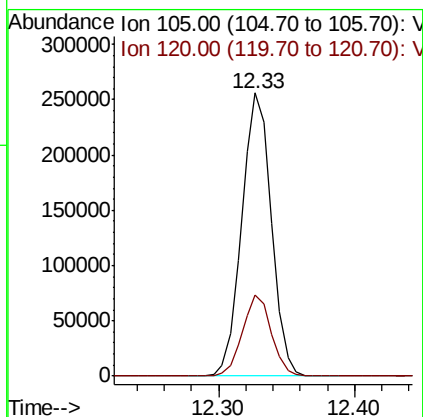
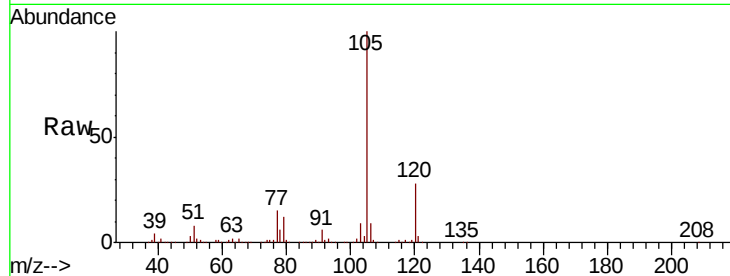
#73
Isopropylbenzene
Concen: 21.145 ug/l
RT: 12.33 min Scan# 1737
Delta R.T. 0.00 min
Lab File: VY001136.D
Acq: 02 Jan 2020 16:03

Instrument :
MSVOA_Y
ClientSampleId :
VY0102SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
120	27.9	13.9	41.7

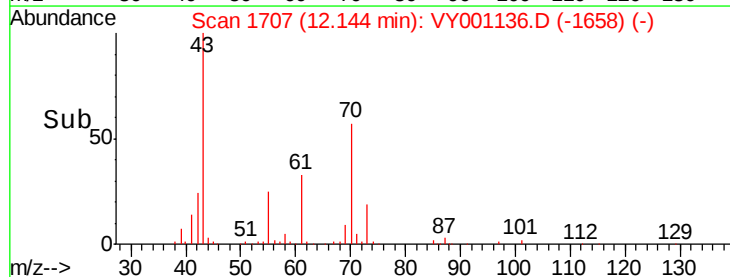
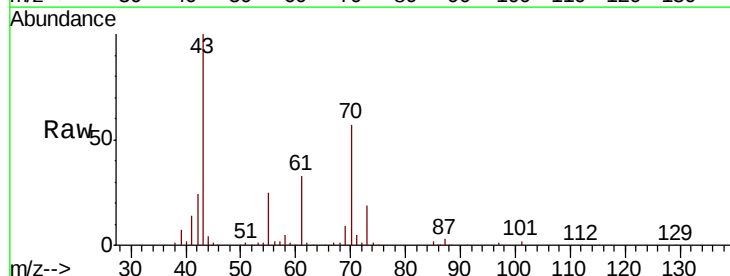
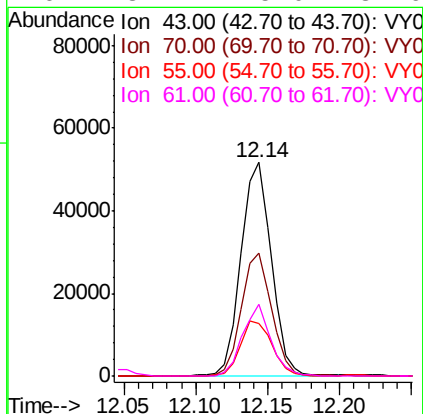
Manual Integrations
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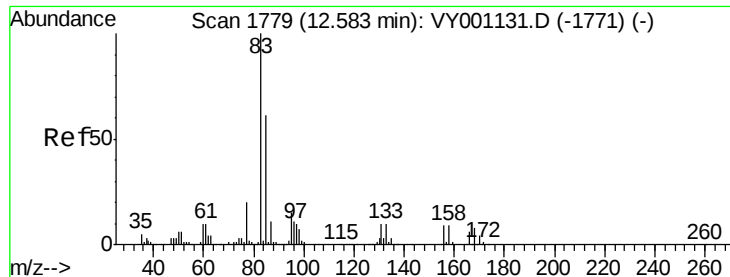
apatel
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#74
N-ethyl acetate
Concen: 21.713 ug/l
RT: 12.14 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VY001136.D
Acq: 02 Jan 2020 16:03

Tgt Ion	Ratio	Lower	Upper
43	100		
70	57.2	46.2	69.4
55	27.0	21.3	31.9
61	31.1	25.0	37.6





#75

1,1,2,2-Tetrachloroethane

Concen: 21.035 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY001136.D

Acq: 02 Jan 2020 16:03

Instrument :

MSVOA_Y

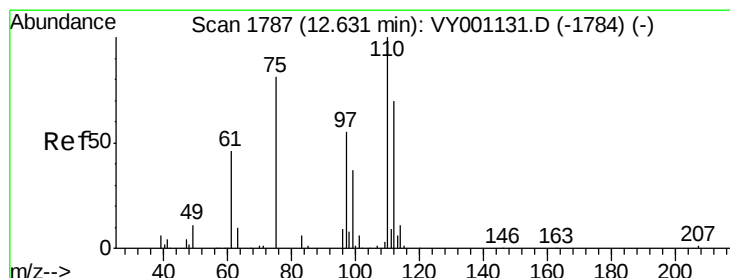
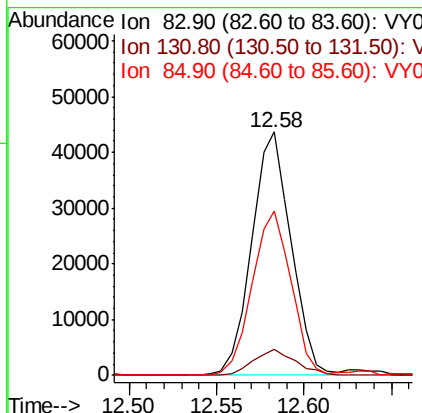
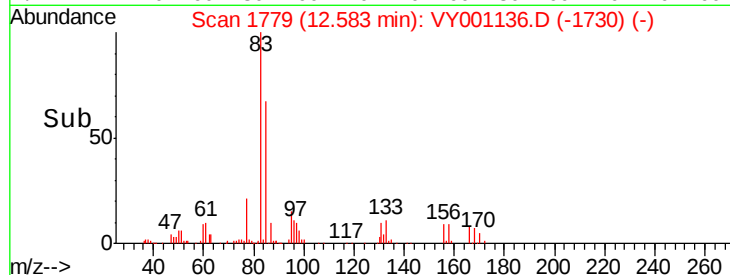
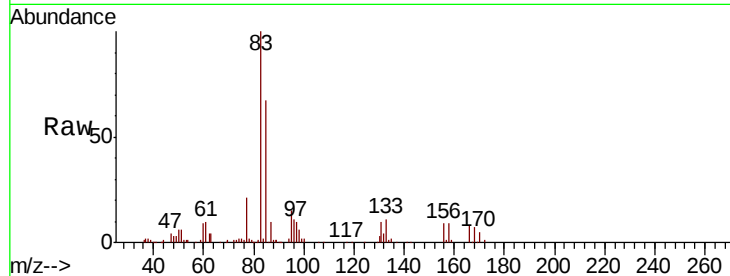
ClientSampleId :

VY0102SBS01

Tot Ion:	83	Resp:	68273
Ion Ratio	Lower	Upper	
83	100		
131	11.6	5.5	16.7
85	66.9	32.0	96.0

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 19.078 ug/l m

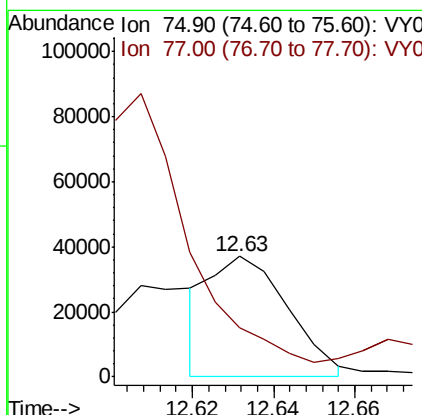
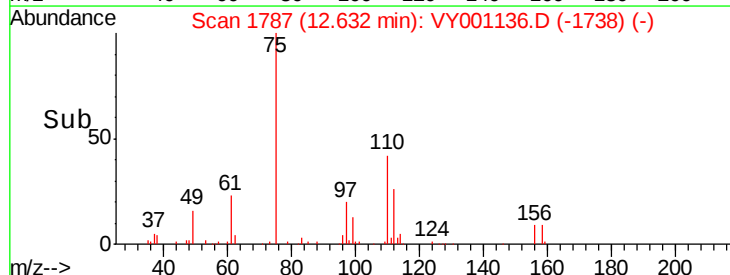
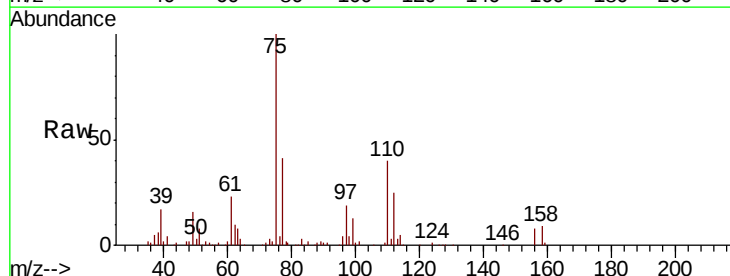
RT: 12.63 min Scan# 1787

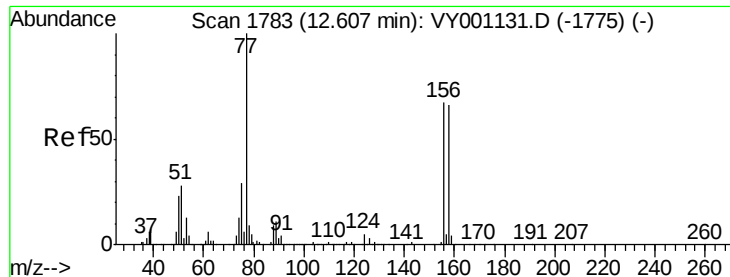
Delta R.T. 0.00 min

Lab File: VY001136.D

Acq: 02 Jan 2020 16:03

Tgt Ion:	75	Resp:	49146
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 20.648 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY001136.D

Acq: 02 Jan 2020 16:03

Instrument :

MSVOA_Y

ClientSampleId :

VY0102SBS01

Tot Ion:156 Resp: 91674

Ion Ratio Lower Upper

156 100

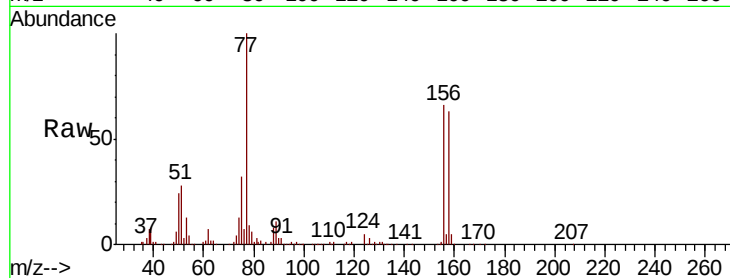
77 168.7 85.9 257.7

158 95.6 49.7 149.1

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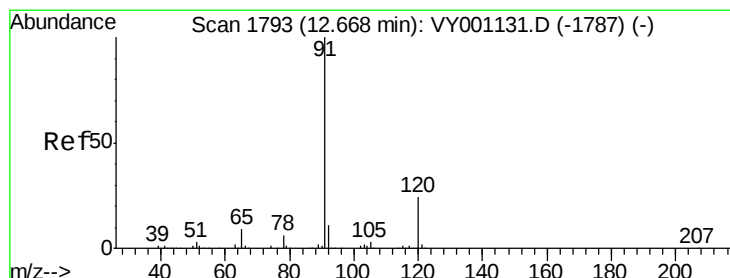
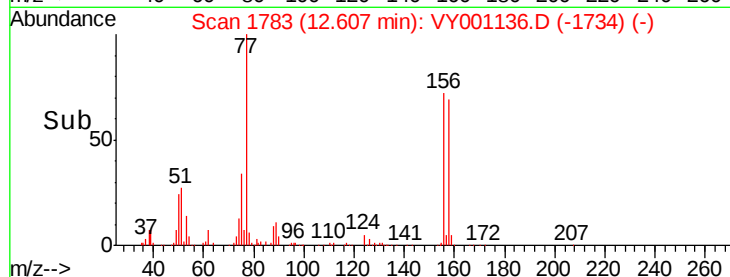
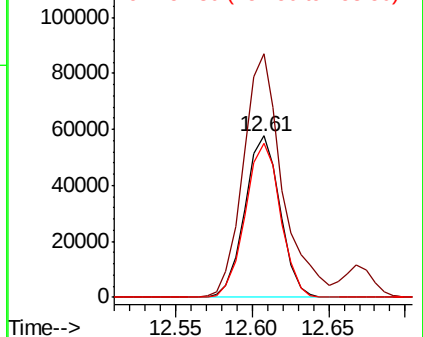
1/3/2020 11:13:22 AM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.375 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VY001136.D

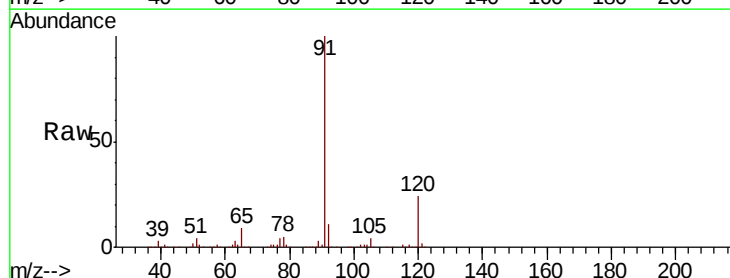
Acq: 02 Jan 2020 16:03

Tgt Ion: 91 Resp: 464124

Ion Ratio Lower Upper

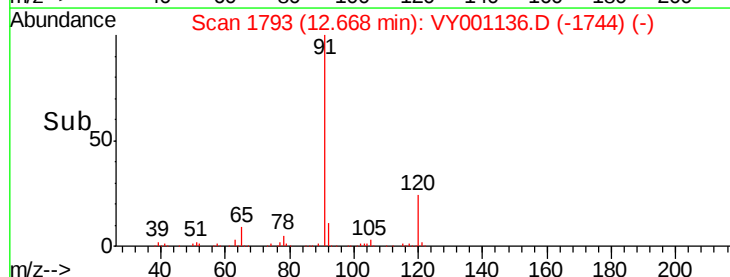
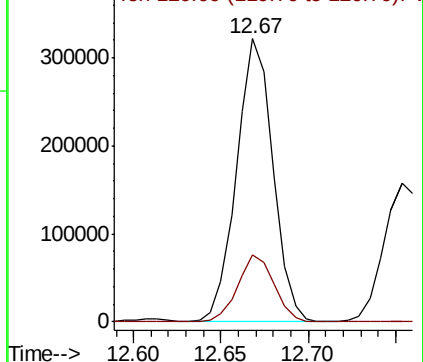
91 100

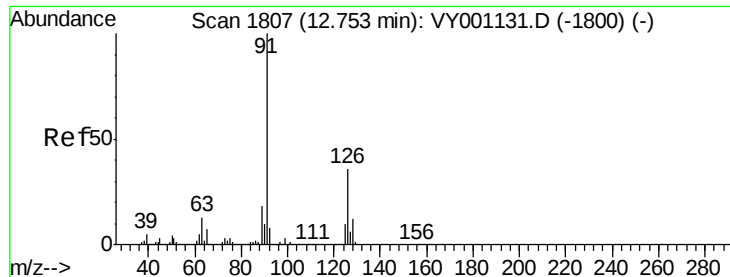
120 23.6 12.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.011 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VY001136.D

Acq: 02 Jan 2020 16:03

Instrument :

MSVOA_Y

ClientSampleId :

VY0102SBS01

Tot Ion: 91 Resp: 252486

Ion Ratio Lower Upper

91 100

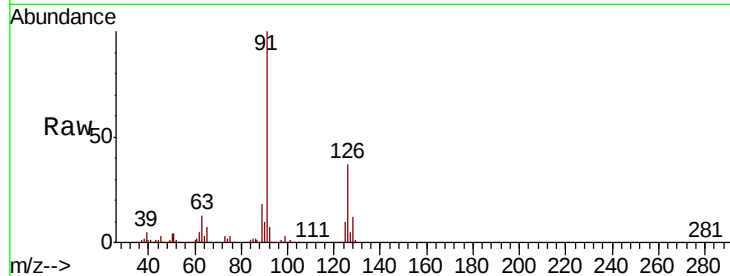
126 36.4 18.3 54.8

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Abundance Ion 91.00 (90.70 to 91.70): VY001136.D (-1758) (-)

Ion 125.90 (125.60 to 126.60): VY001136.D (-1758) (-)

12.75

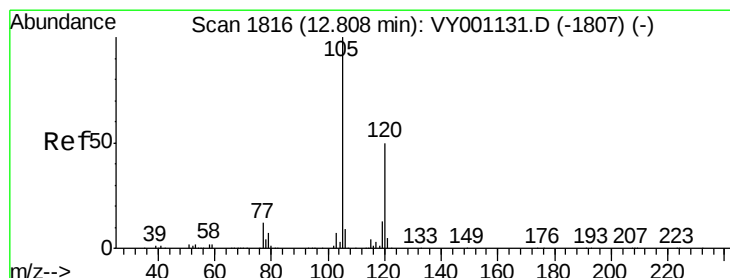
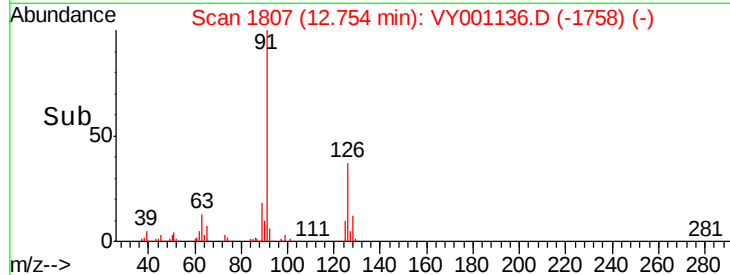
150000

100000

50000

0

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 20.621 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. 0.00 min

Lab File: VY001136.D

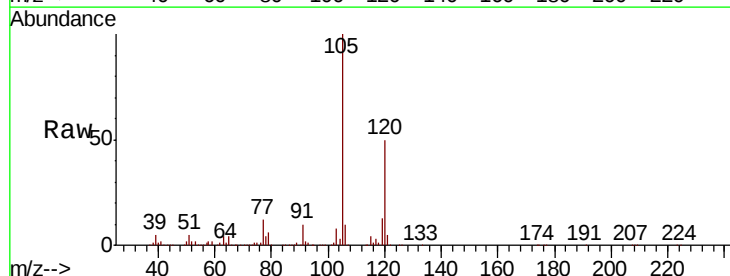
Acq: 02 Jan 2020 16:03

Tgt Ion: 105 Resp: 320357

Ion Ratio Lower Upper

105 100

120 50.9 25.1 75.3



Abundance Ion 105.00 (104.70 to 105.70): VY001136.D (-1767) (-)

Ion 120.00 (119.70 to 120.70): VY001136.D (-1767) (-)

250000

200000

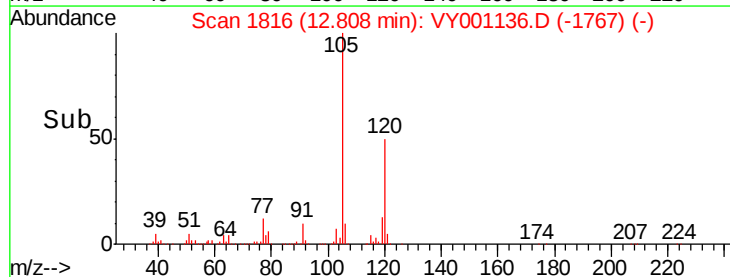
150000

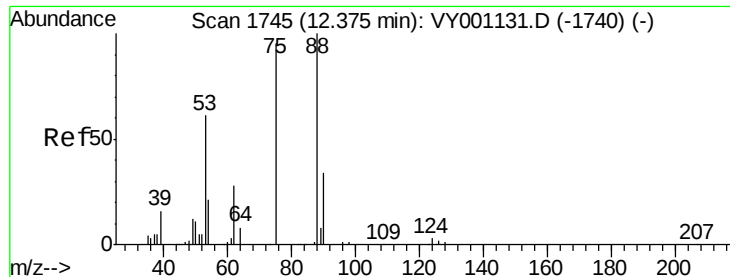
100000

50000

0

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 21.052 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VY001136.D

Acq: 02 Jan 2020 16:03

Instrument :

MSVOA_Y

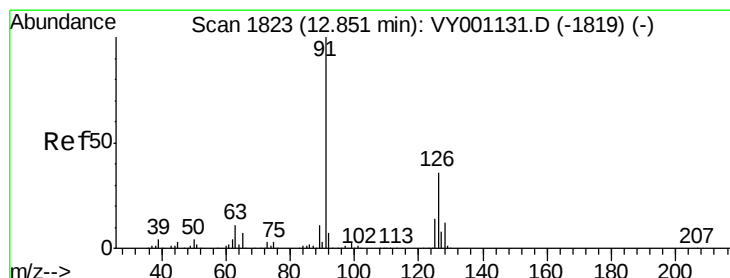
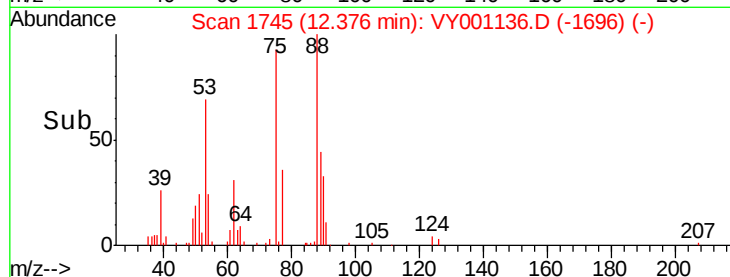
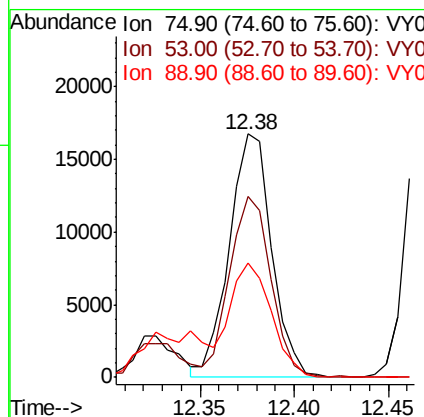
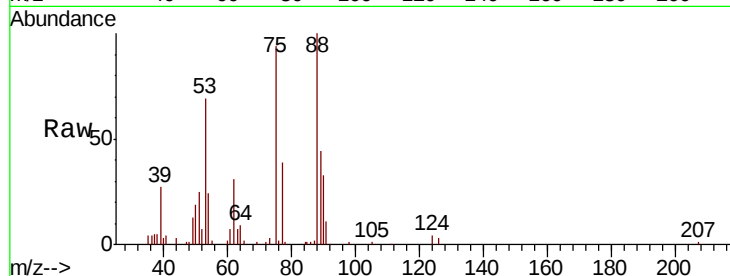
ClientSampleId :

VY0102SBS01

Tot Ion:	75	Resp:	26160
Ion	Ratio	Lower	Upper
75	100		
53	72.5	55.6	83.4
89	45.5	34.7	52.1

Manual Integrations
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#82

4-Chlorotoluene

Concen: 21.040 ug/l

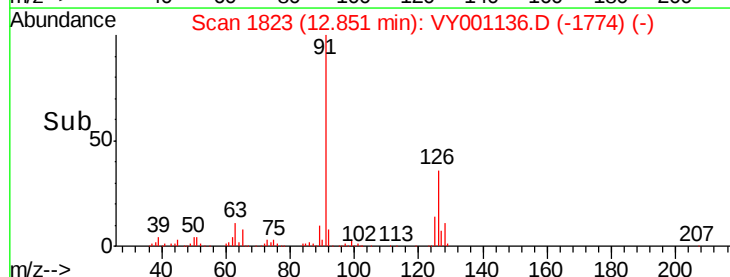
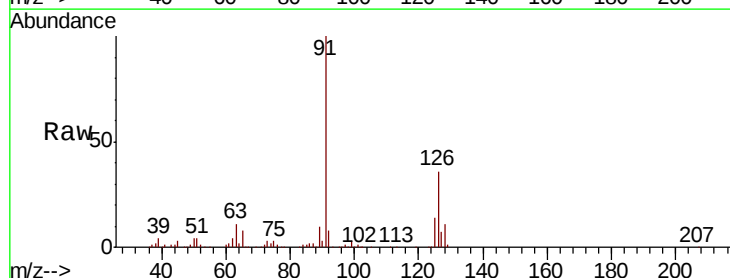
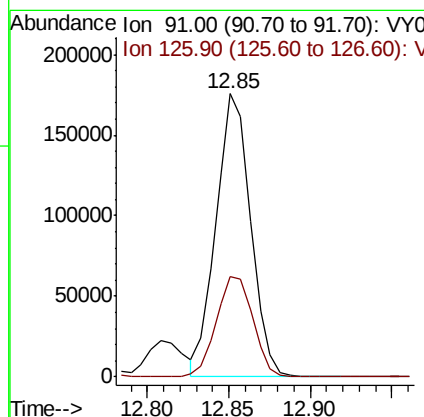
RT: 12.85 min Scan# 1823

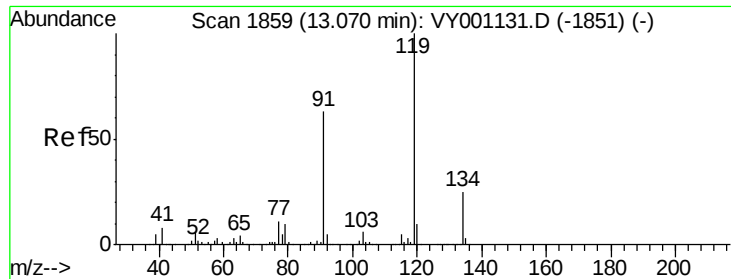
Delta R.T. 0.00 min

Lab File: VY001136.D

Acq: 02 Jan 2020 16:03

Tgt Ion:	91	Resp:	259879
Ion	Ratio	Lower	Upper
91	100		
126	37.6	18.6	56.0





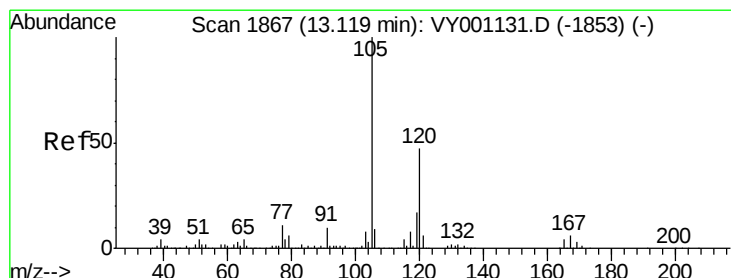
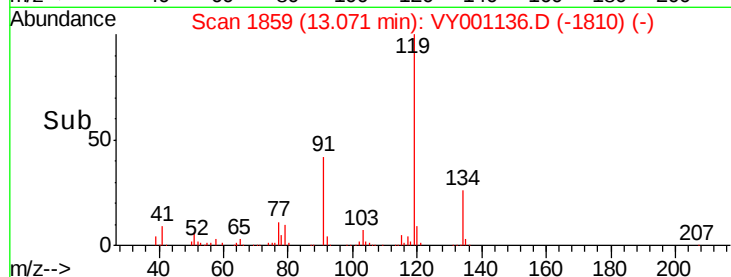
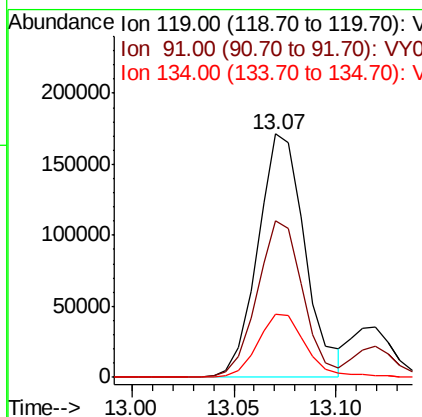
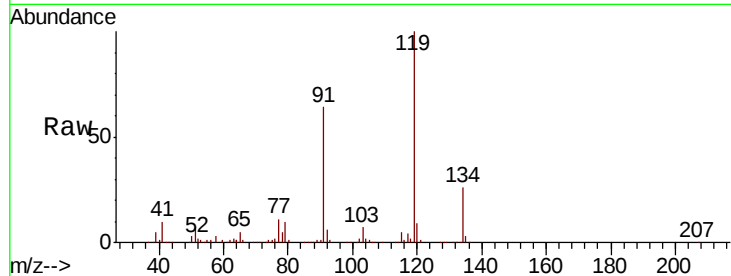
#83
tert-Butylbenzene
Concen: 20.807 ug/l
RT: 13.07 min Scan# 1859
Delta R.T. 0.00 min
Lab File: VY001136.D
Acq: 02 Jan 2020 16:03

Instrument :
MSVOA_Y
ClientSampleId :
VY0102SBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	62.4	30.9	92.7
134	26.6	13.2	39.5

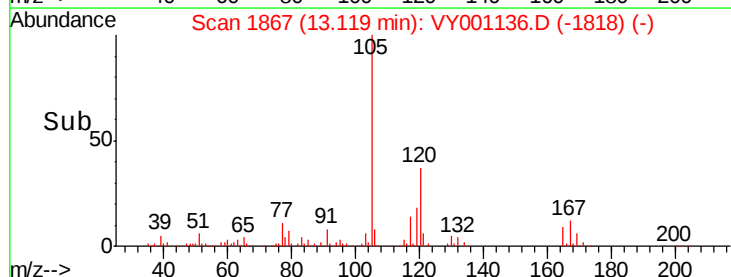
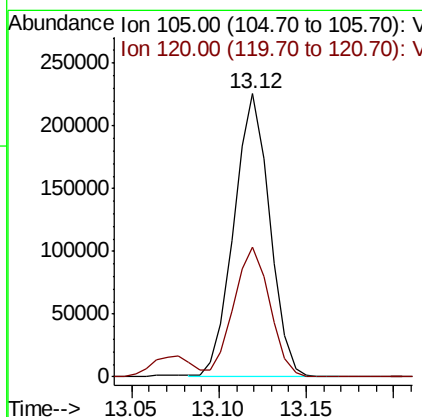
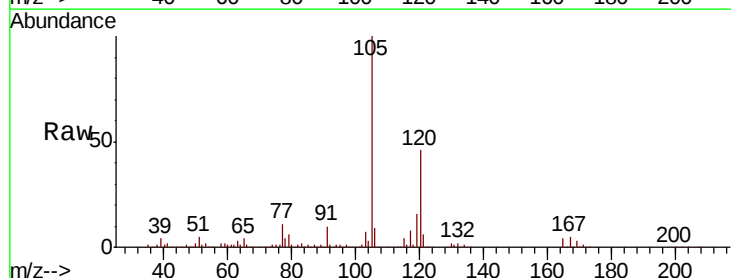
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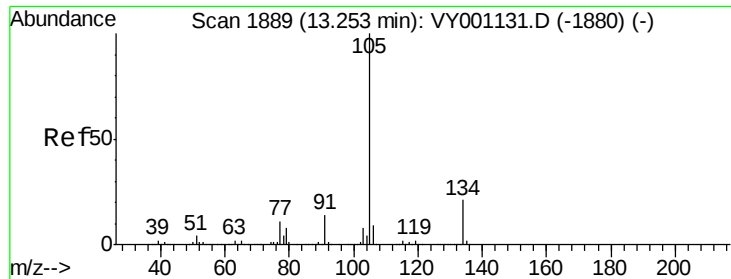
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#84
1,2,4-Trimethylbenzene
Concen: 20.671 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VY001136.D
Acq: 02 Jan 2020 16:03

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.1	24.0	72.0





#85

sec-Butylbenzene

Concen: 21.212 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VY001136.D

Acq: 02 Jan 2020 16:03

Instrument :

MSVOA_Y

ClientSampleId :

VY0102SBS01

Tot Ion:105 Resp: 393266

Ion Ratio Lower Upper

105 100

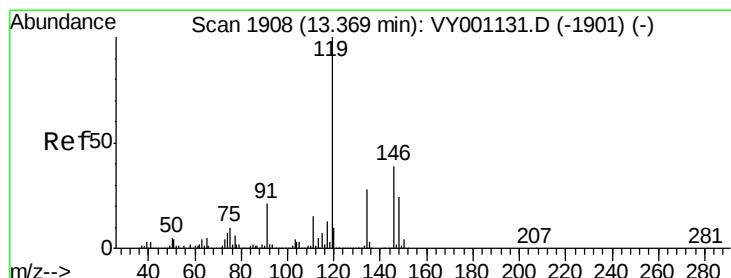
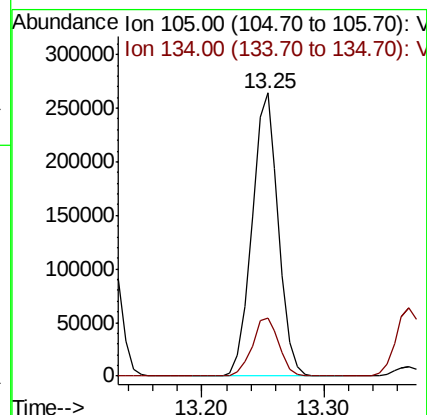
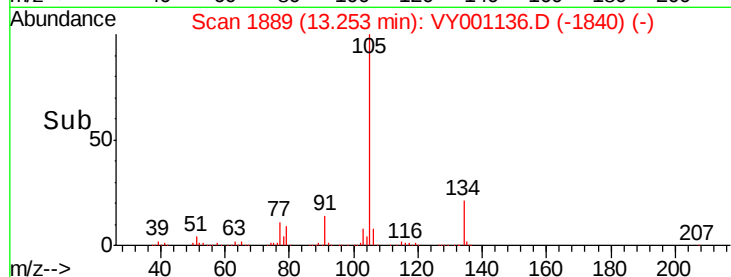
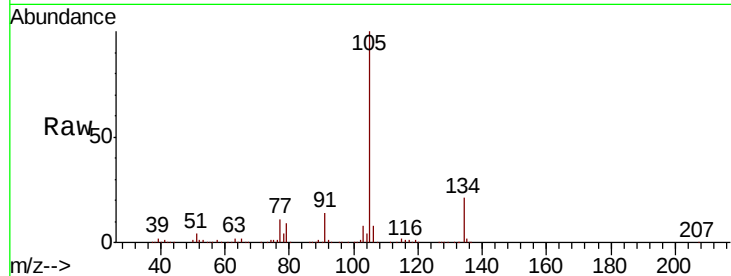
134 21.1 10.2 30.6

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#86

p-Isopropyltoluene

Concen: 21.094 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY001136.D

Acq: 02 Jan 2020 16:03

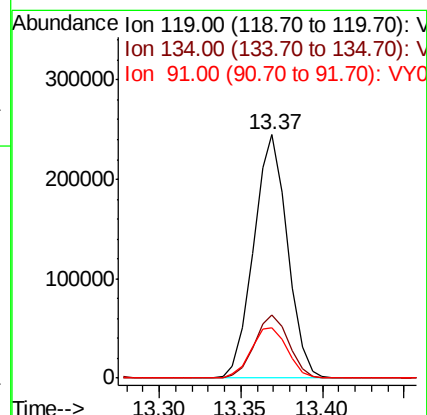
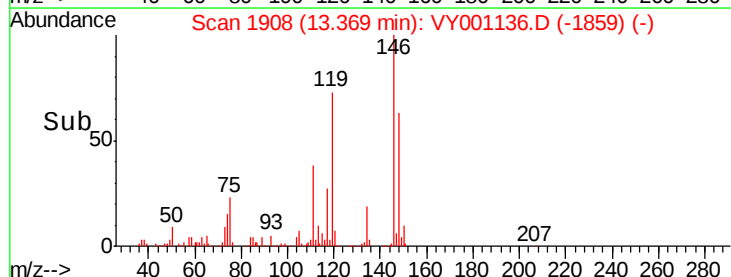
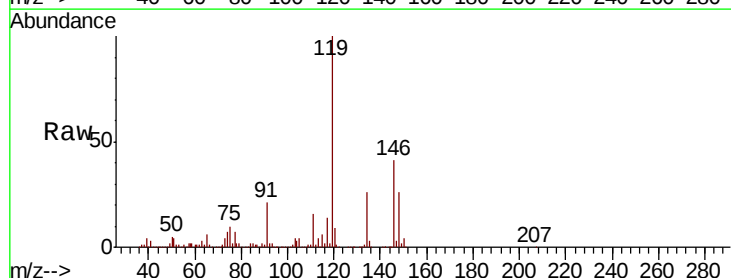
Tgt Ion:119 Resp: 352183

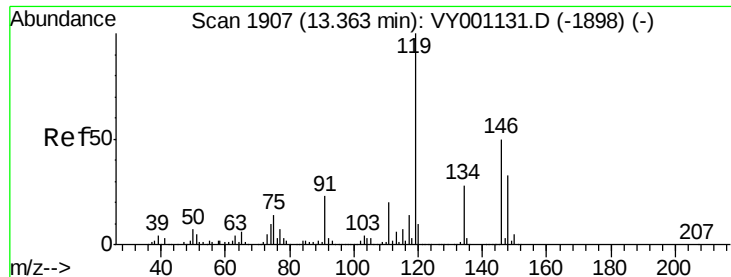
Ion Ratio Lower Upper

119 100

134 26.5 13.8 41.3

91 22.0 11.1 33.1





#87

1,3-Dichlorobenzene

Concen: 20.940 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. 0.00 min

Lab File: VY001136.D

Acq: 02 Jan 2020 16:03

Instrument :

MSVOA_Y

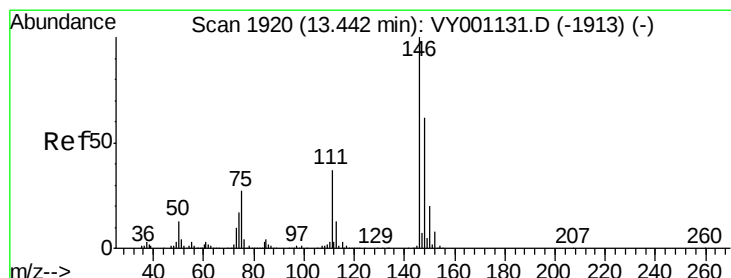
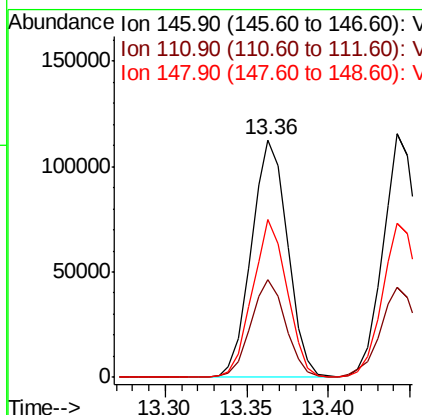
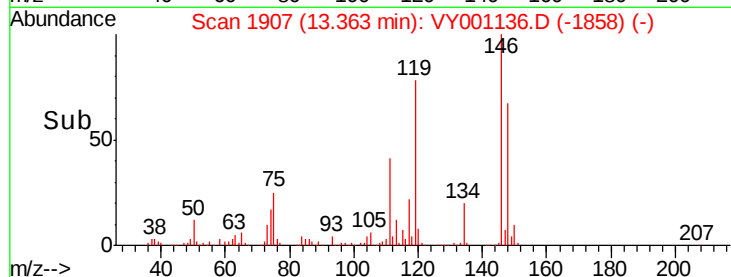
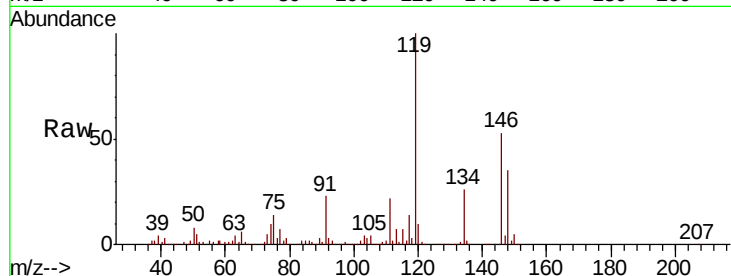
ClientSampleId :

VY0102SBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	174012		
111	39.6	19.5	58.5	
148	63.5	31.9	95.7	

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#88

1,4-Dichlorobenzene

Concen: 20.634 ug/l

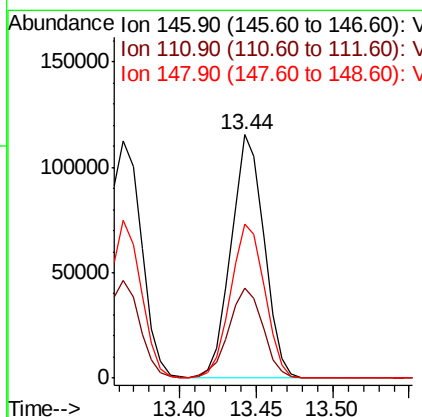
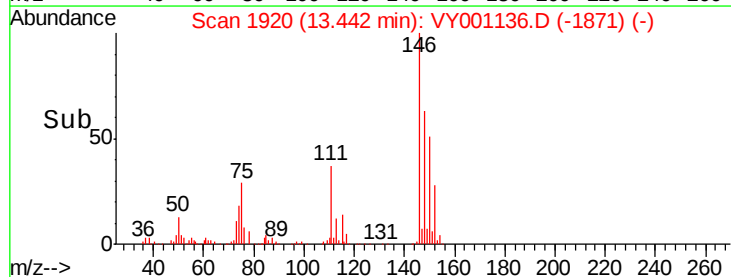
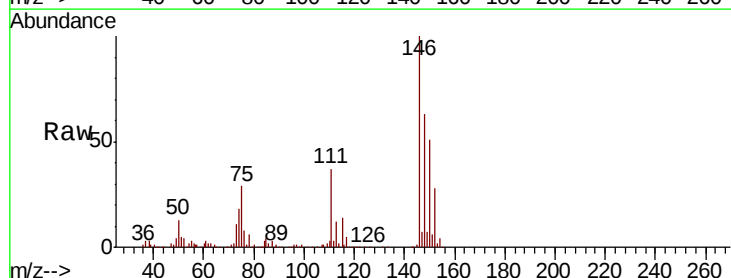
RT: 13.44 min Scan# 1920

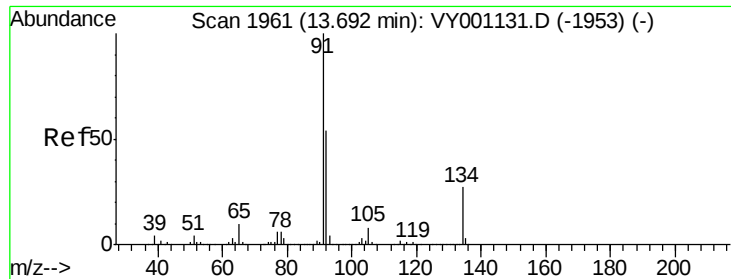
Delta R.T. 0.00 min

Lab File: VY001136.D

Acq: 02 Jan 2020 16:03

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	172632		
111	38.8	19.1	57.3	
148	65.8	32.0	96.0	





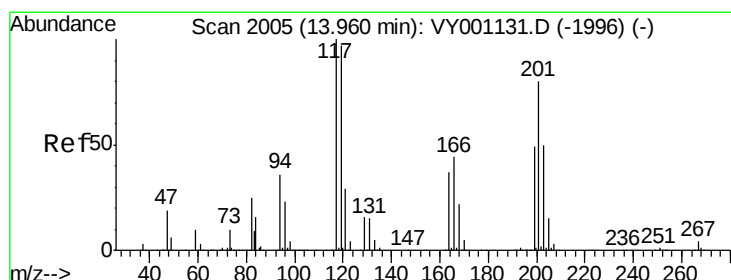
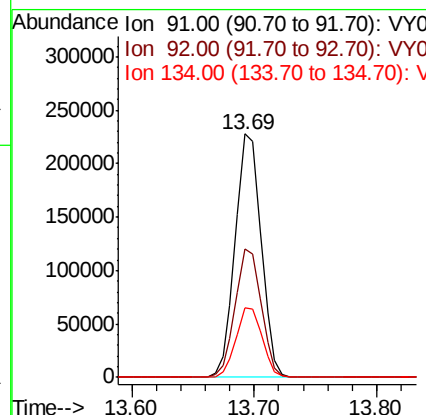
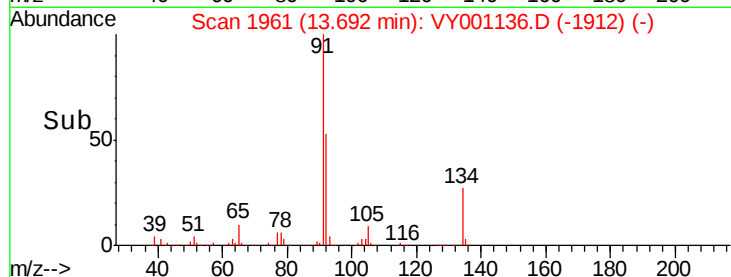
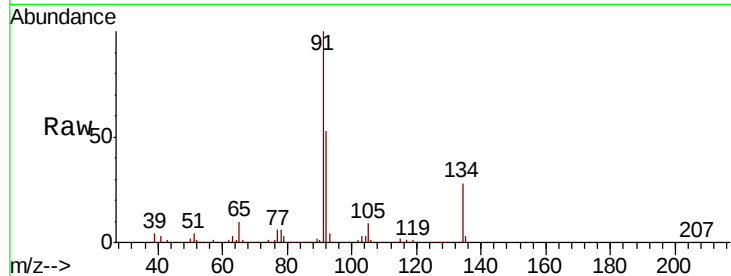
#89
n-Butylbenzene
Concen: 21.287 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. 0.00 min
Lab File: VY001136.D
Acq: 02 Jan 2020 16:03

Instrument :
MSVOA_Y
ClientSampleId :
VY0102SBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	52.8	27.2	81.5	
134	28.7	14.1	42.4	

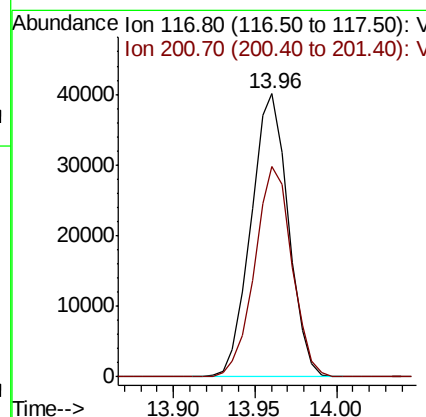
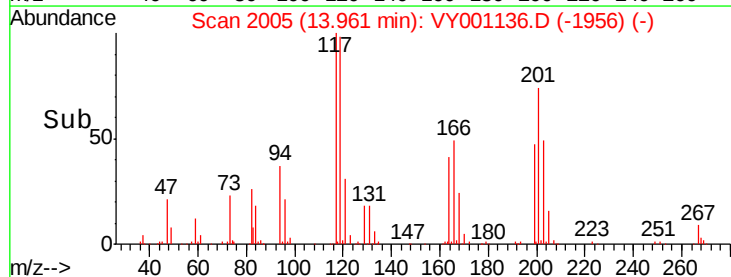
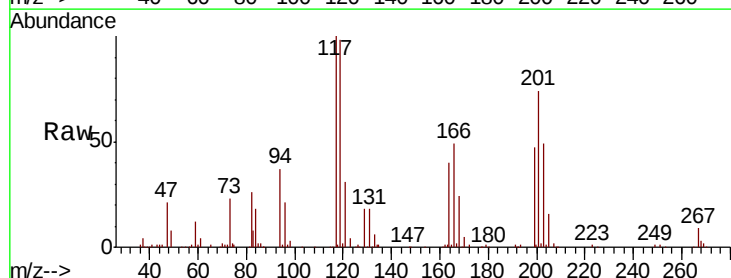
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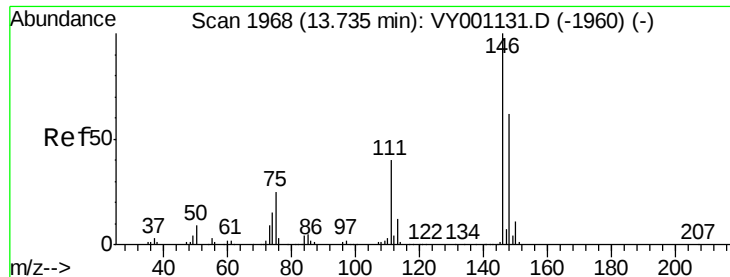
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#90
Hexachloroethane
Concen: 20.670 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. 0.00 min
Lab File: VY001136.D
Acq: 02 Jan 2020 16:03

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	74.2	38.0	114.0	





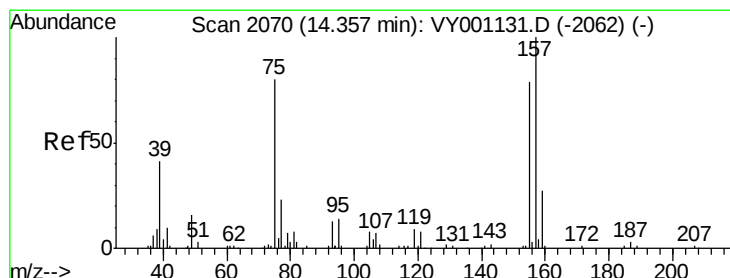
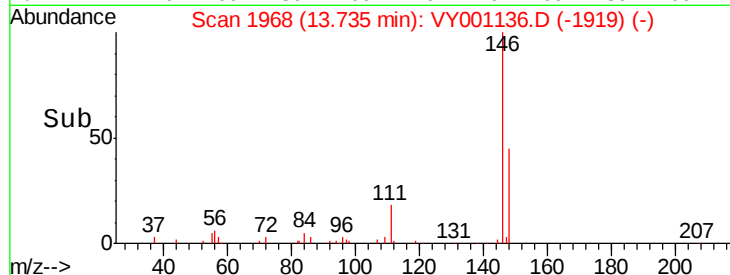
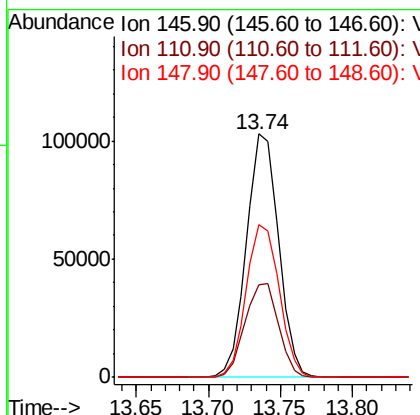
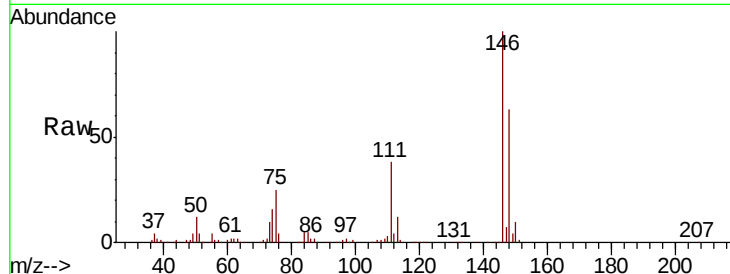
#91
 1,2-Dichlorobenzene
 Concen: 20.855 ug/l
 RT: 13.74 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VY001136.D
 Acq: 02 Jan 2020 16:03

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0102SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.2	20.1	60.3
148	64.4	31.9	95.5

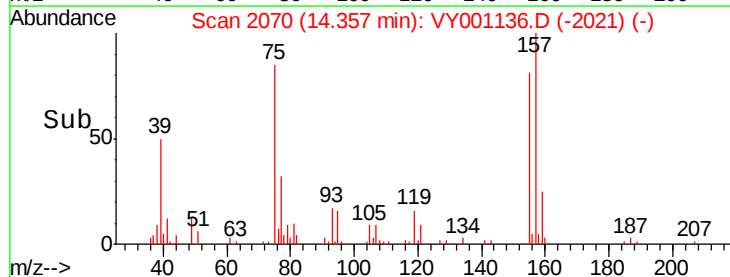
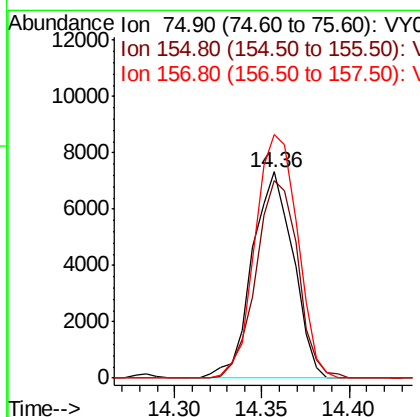
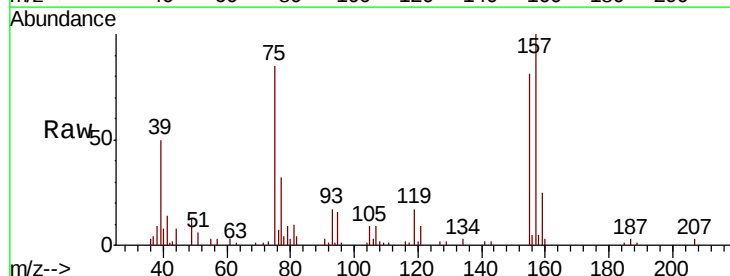
Manual Integrations
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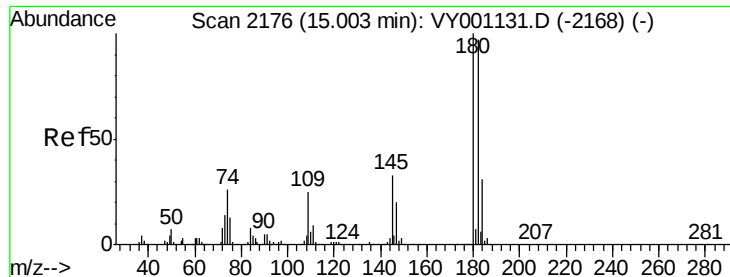
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.821 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. 0.00 min
 Lab File: VY001136.D
 Acq: 02 Jan 2020 16:03

Tgt Ion	Ratio	Lower	Upper
75	100		
155	97.8	50.4	151.3
157	122.2	64.0	192.0





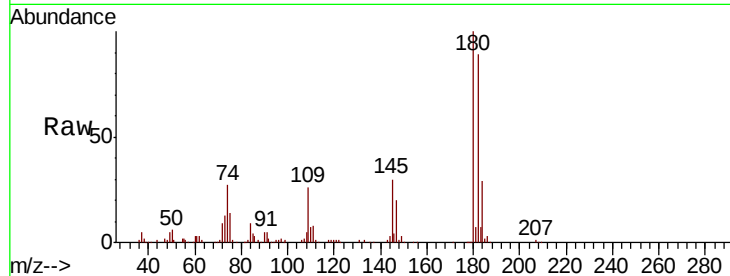
#93
 1,2,4-Trichlorobenzene
 Concen: 21.273 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VY001136.D
 Acq: 02 Jan 2020 16:03

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0102SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	111671		
182	94.4	48.6	145.8	
145	30.2	16.1	48.3	

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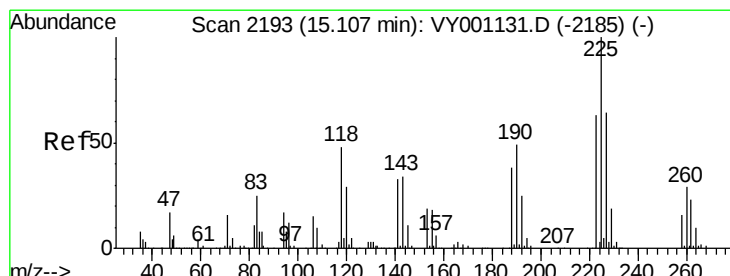
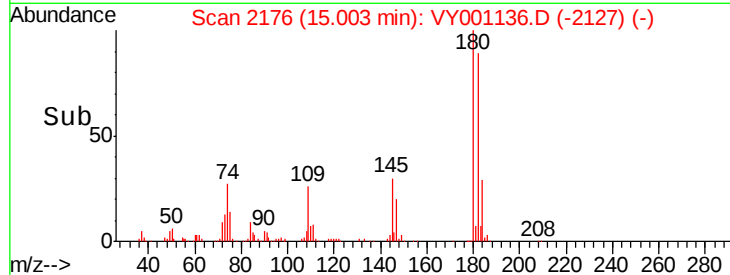
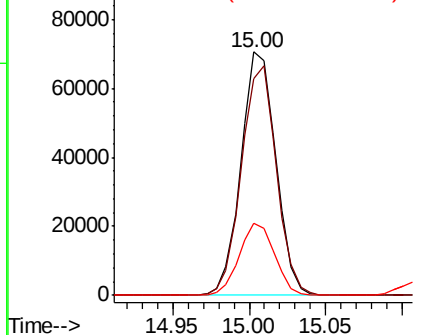


Abundance

Ion 179.80 (179.50 to 180.50): V

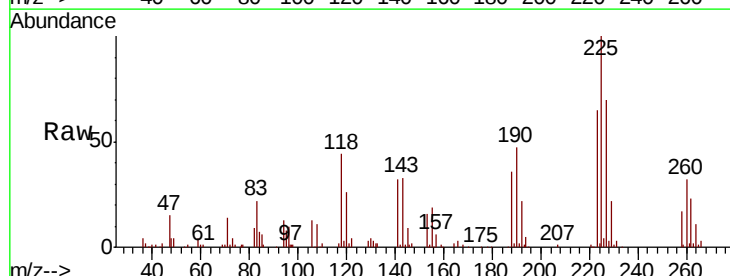
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 20.533 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.01 min
 Lab File: VY001136.D
 Acq: 02 Jan 2020 16:03

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	54590		
223	66.3	31.8	95.3	
227	67.1	32.6	97.7	

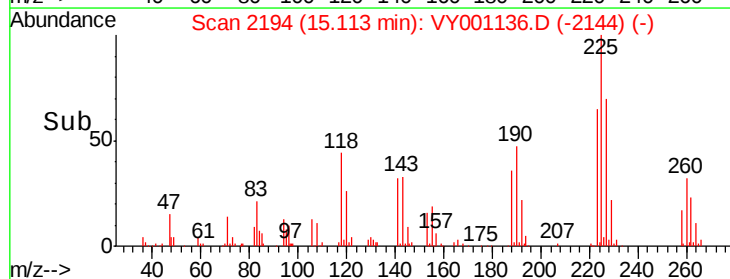
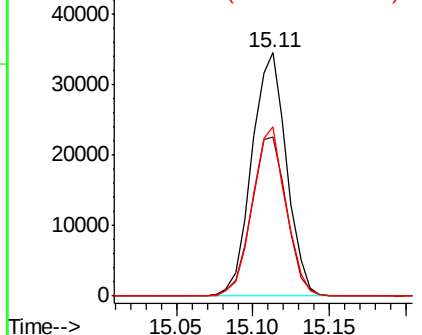


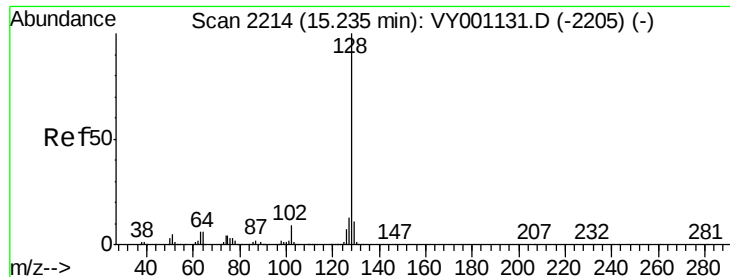
Abundance

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





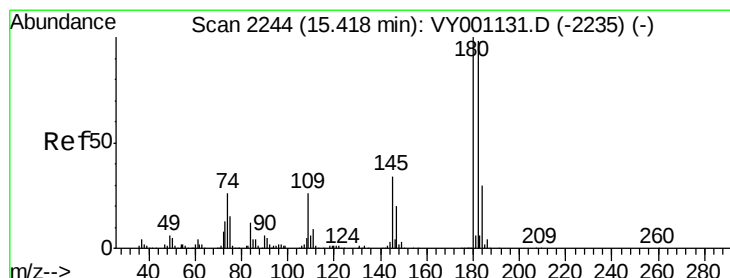
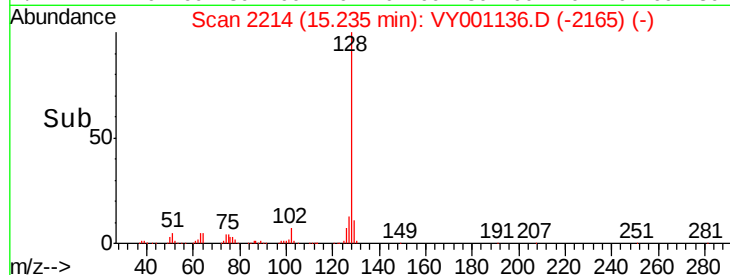
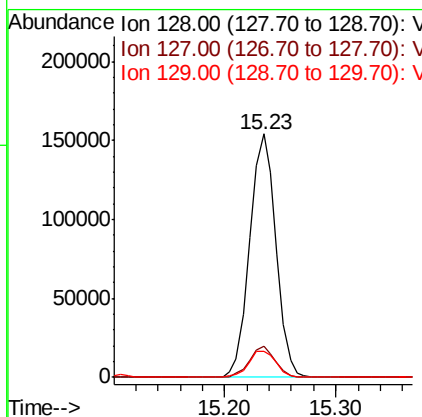
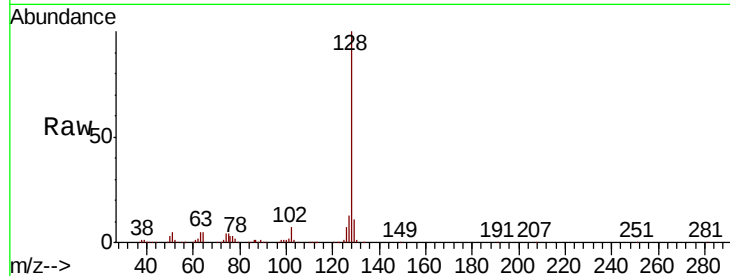
#95
Naphthalene
Concen: 21.076 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY001136.D
Acq: 02 Jan 2020 16:03

Instrument :
MSVOA_Y
ClientSampleId :
VY0102SBS01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	252491		
127	12.4		10.1	15.1
129	11.2		8.7	13.1

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 21.707 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. 0.01 min
Lab File: VY001136.D
Acq: 02 Jan 2020 16:03

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	101969		
182	93.6		47.8	143.3
145	30.8		16.5	49.5

