

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY122419\
 Data File : VY001038.D
 Acq On : 24 Dec 2019 11:37
 Operator : SY/MD
 Sample : VY1224SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1224SBS01

Manual Integrations
 APPROVED

apatel
 12/26/2019 12:29:58 PM

Quant Time: Dec 25 03:42:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y122319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 23 12:07:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	316729	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	570123	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	505529	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	232675	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	159164	50.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.90%	
35) Dibromofluoromethane	7.72	113	160847	47.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.82%	
50) Toluene-d8	10.18	98	681365	51.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.86%	
62) 4-Bromofluorobenzene	12.48	95	224035	46.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	59819	21.674	ug/l	96
3) Chloromethane	2.12	50	80787	21.507	ug/l	99
4) Vinyl Chloride	2.26	62	80261	22.002	ug/l	96
5) Bromomethane	2.65	94	49839	20.713	ug/l	99
6) Chloroethane	2.79	64	49359	21.725	ug/l	94
7) Trichlorofluoromethane	3.13	101	112550	21.036	ug/l	99
8) Diethyl Ether	3.54	74	46722	21.393	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.91	101	74227	21.120	ug/l	99
10) Methyl Iodide	4.10	142	95750	19.718	ug/l	100
11) Tert butyl alcohol	4.97	59	34504	100.456	ug/l	98
12) 1,1-Dichloroethene	3.88	96	74067	20.816	ug/l	97
13) Acrolein	3.74	56	38649	90.816	ug/l	98
14) Allyl chloride	4.49	41	116634	21.100	ug/l	98
15) Acrylonitrile	5.18	53	112773	103.317	ug/l	98
16) Acetone	3.96	43	77427	107.590	ug/l	93
17) Carbon Disulfide	4.19	76	238729	20.532	ug/l	100
18) Methyl Acetate	4.49	43	60290	21.837	ug/l	96
19) Methyl tert-butyl Ether	5.23	73	190199	20.710	ug/l	99
20) Methylene Chloride	4.72	84	91143	21.517	ug/l	97
21) trans-1,2-Dichloroethene	5.23	96	83746	21.237	ug/l	97
22) Diisopropyl ether	6.13	45	242950	21.745	ug/l	97
23) Vinyl Acetate	6.07	43	750986	106.430	ug/l	99
24) 1,1-Dichloroethane	6.03	63	138438	20.967	ug/l	98
25) 2-Butanone	7.00	43	134585	106.456	ug/l	96
26) 2,2-Dichloropropane	6.99	77	115363	21.267	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	89997	20.773	ug/l	96
28) Bromochloromethane	7.35	49	51016	19.803	ug/l	98
29) Tetrahydrofuran	7.35	42	93347	103.802	ug/l	99
30) Chloroform	7.51	83	132955	21.296	ug/l	96
31) Cyclohexane	7.79	56	144832	20.860	ug/l	94
32) 1,1,1-Trichloroethane	7.71	97	109521	20.564	ug/l	98
36) 1,1-Dichloropropene	7.93	75	111907	20.575	ug/l	100
37) Ethyl Acetate	7.08	43	59606	19.792	ug/l	98
38) Carbon Tetrachloride	7.90	117	95718	20.086	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.18	83	151140	20.926	ug/l	98
40) Benzene	8.17	78	335790	20.464	ug/l	97
41) Methacrylonitrile	7.32	41	28369m	21.727	ug/l	
42) 1,2-Dichloroethane	8.24	62	80282	20.464	ug/l	99
43) Isopropyl Acetate	8.28	43	111907	20.073	ug/l	100
44) Trichloroethene	8.94	130	89628	20.731	ug/l	94
45) 1,2-Dichloropropane	9.22	63	83483	20.281	ug/l	99
46) Dibromomethane	9.31	93	43492	20.496	ug/l	98
47) Bromodichloromethane	9.50	83	99713	20.287	ug/l	98
48) Methyl methacrylate	9.30	41	50059	21.042	ug/l	95
49) 1,4-Dioxane	9.30	88	11768	379.120	ug/l	98
51) 4-Methyl-2-Pentanone	10.07	43	297028	102.221	ug/l	100
52) Toluene	10.24	92	206532	20.450	ug/l	99
53) t-1,3-Dichloropropene	10.46	75	107302	20.115	ug/l	91
54) cis-1,3-Dichloropropene	9.93	75	130085	20.280	ug/l	97
55) 1,1,2-Trichloroethane	10.64	97	65098	20.550	ug/l	98
56) Ethyl methacrylate	10.51	69	91037	20.192	ug/l	99
57) 1,3-Dichloropropane	10.79	76	117019	21.075	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.78	63	176698	101.471	ug/l	98
59) 2-Hexanone	10.83	43	200828	99.884	ug/l	100
60) Dibromochloromethane	10.98	129	67444	19.932	ug/l	99
61) 1,2-Dibromoethane	11.08	107	60605	20.007	ug/l	96
64) Tetrachloroethene	10.72	164	89996	20.575	ug/l	98
65) Chlorobenzene	11.51	112	212739	20.287	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	70491	20.370	ug/l	98
67) Ethyl Benzene	11.59	91	388820	20.615	ug/l	99
68) m/p-Xylenes	11.70	106	295498	41.262	ug/l	100
69) o-Xylene	12.02	106	140774	20.894	ug/l	98
70) Styrene	12.04	104	236798	20.670	ug/l	100
71) Bromoform	12.20	173	38820	20.147	ug/l #	98
73) Isopropylbenzene	12.33	105	367446	20.407	ug/l	99
74) N-amyl acetate	12.14	43	93039	19.669	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	68664	19.358	ug/l	98
76) 1,2,3-Trichloropropane	12.63	75	48146m	16.785	ug/l	
77) Bromobenzene	12.60	156	80281	19.825	ug/l	95
78) n-propylbenzene	12.67	91	449532	20.489	ug/l	98
79) 2-Chlorotoluene	12.75	91	246676	20.359	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	297626	20.166	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	26433	19.654	ug/l	99
82) 4-Chlorotoluene	12.85	91	256627	20.392	ug/l	99
83) tert-Butylbenzene	13.07	119	259598	20.954	ug/l	98
84) 1,2,4-Trimethylbenzene	13.11	105	301227	20.311	ug/l	99
85) sec-Butylbenzene	13.25	105	370541	20.288	ug/l	100
86) p-Isopropyltoluene	13.36	119	326496	20.659	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	158191	20.340	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	155927	19.874	ug/l	98
89) n-Butylbenzene	13.69	91	325475	20.469	ug/l	98
90) Hexachloroethane	13.95	117	59289	19.912	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	144674	20.166	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.35	75	11177	18.834	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	97943	20.226	ug/l	99
94) Hexachlorobutadiene	15.11	225	47029	20.409	ug/l	99
95) Naphthalene	15.23	128	226148	19.858	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	87606	20.286	ug/l	98

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

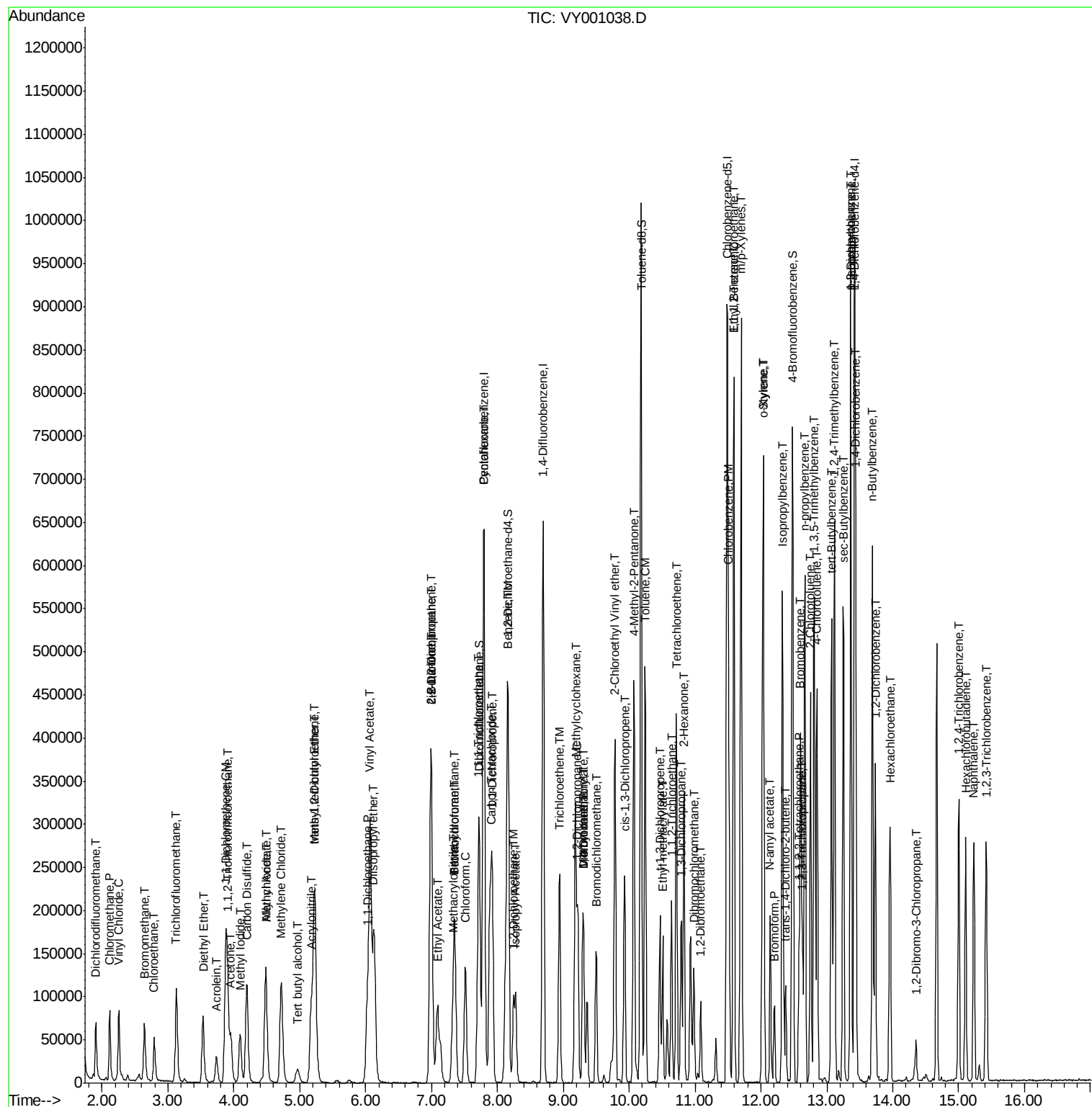
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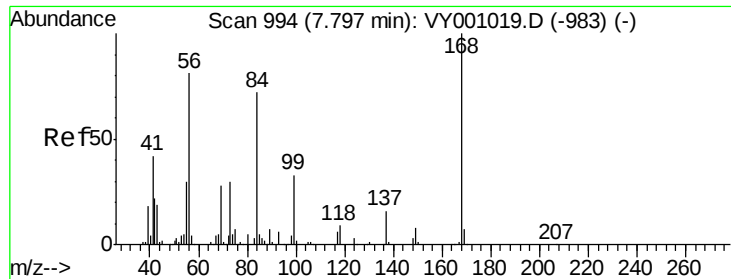
Instrument :
 MSVOA_Y
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY001038.D

Acq: 24 Dec 2019 11:37

Instrument :

MSVOA_Y

ClientSampleId :

VY1224SBS01

Tot Ion:168 Resp: 316729

Ion Ratio Lower Upper

168 100

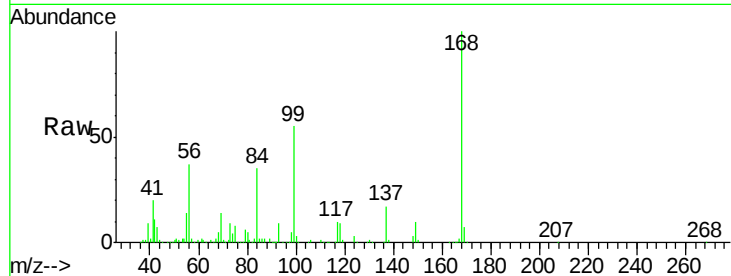
99 55.2 44.0 66.0

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VY001019.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY001019.D (-983) (-)

7.80

150000

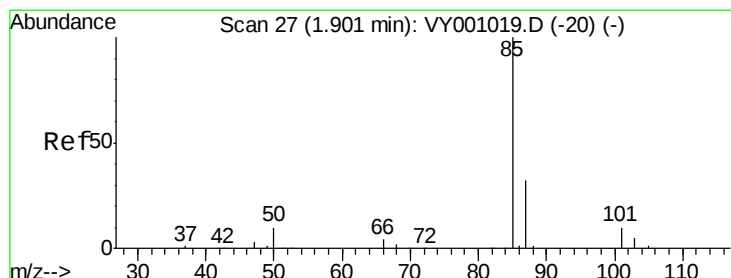
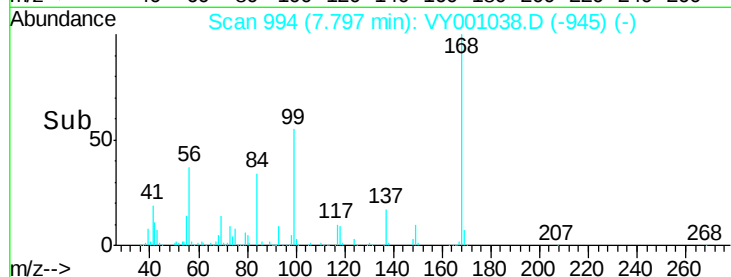
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 21.674 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.01 min

Lab File: VY001038.D

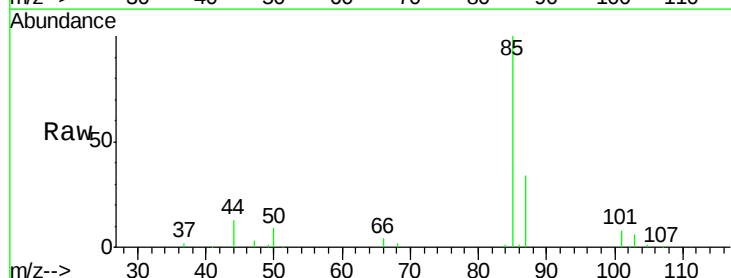
Acq: 24 Dec 2019 11:37

Tgt Ion: 85 Resp: 59819

Ion Ratio Lower Upper

85 100

87 33.8 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VY001019.D (-20) (-)

Ion 86.90 (86.60 to 87.60): VY001019.D (-20) (-)

1.91

40000

30000

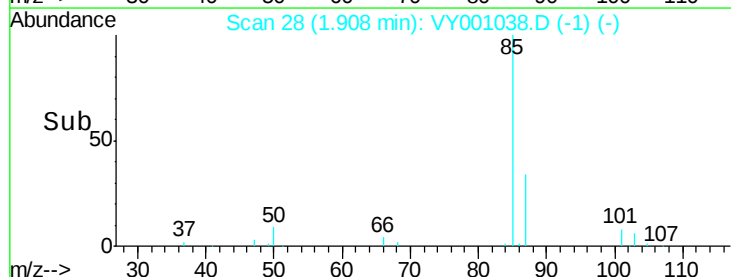
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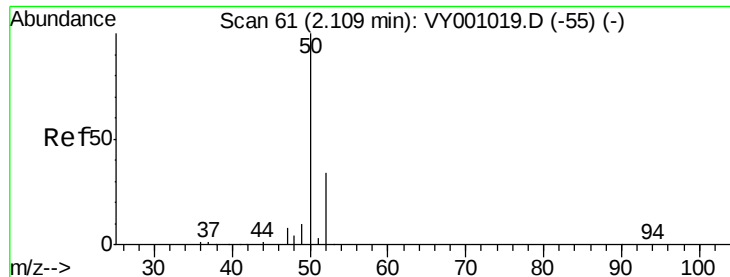
10000

0

1.85 1.90 1.95 2.00

Time-->





#3

Chloromethane

Concen: 21.507 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.01 min

Lab File: VY001038.D

Acq: 24 Dec 2019 11:37

Instrument :

MSVOA_Y

ClientSampleId :

VY1224SBS01

Tot Ion: 50 Resp: 80787

Ion Ratio Lower Upper

50 100

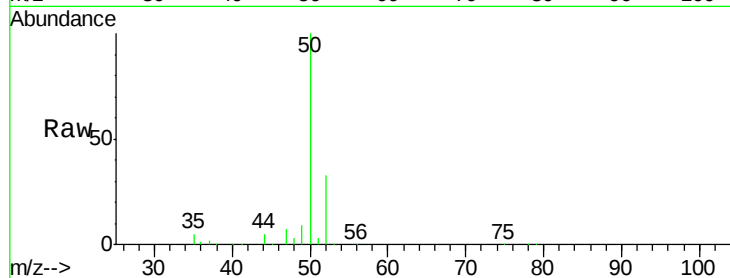
52 33.3 27.1 40.7

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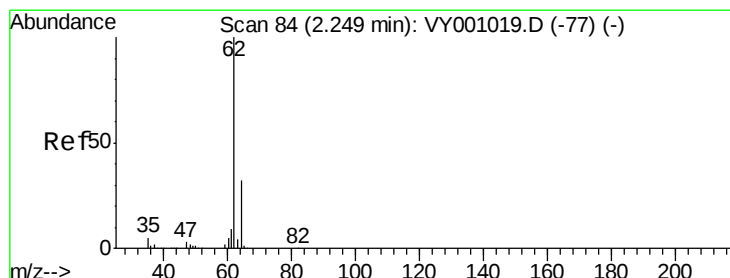
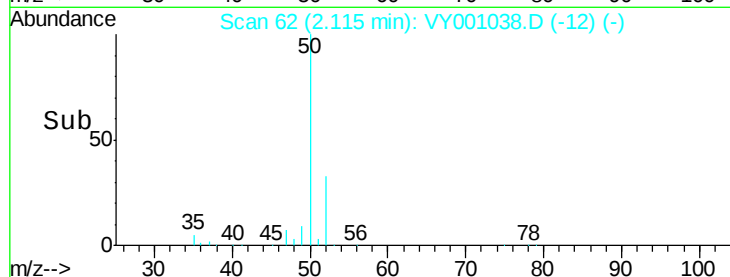
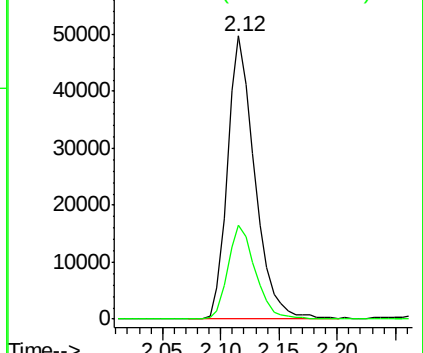
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Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 22.002 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.01 min

Lab File: VY001038.D

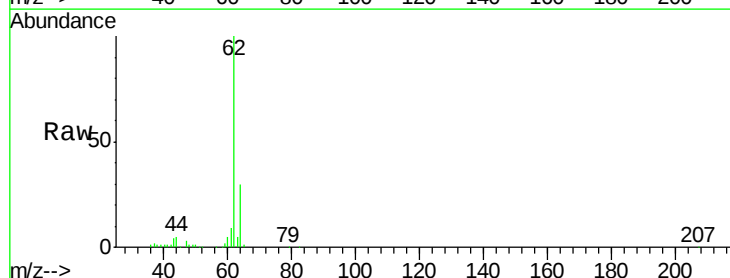
Acq: 24 Dec 2019 11:37

Tgt Ion: 62 Resp: 80261

Ion Ratio Lower Upper

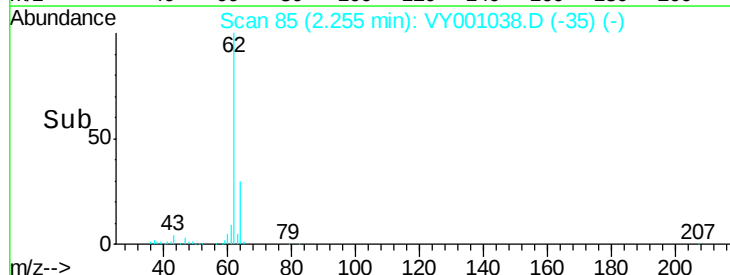
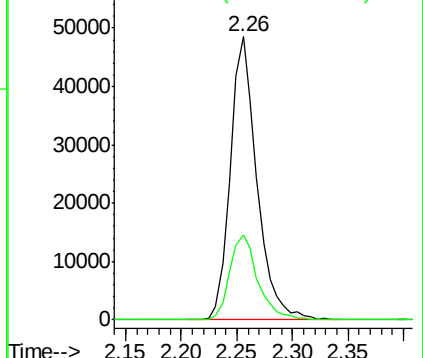
62 100

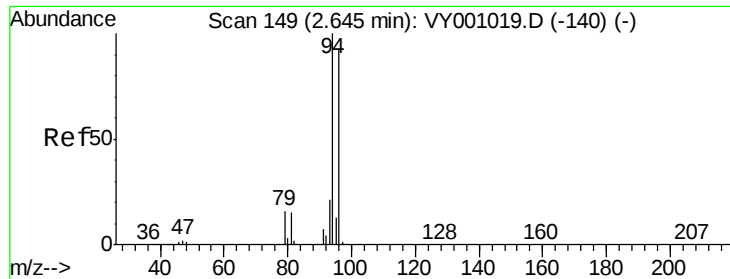
64 29.9 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 20.713 ug/l

RT: 2.65 min Scan# 149

Delta R.T. 0.00 min

Lab File: VY001038.D

Acq: 24 Dec 2019 11:37

Instrument :

MSVOA_Y

ClientSampleId :

VY1224SBS01

Tot Ion: 94 Resp: 49839

Ion Ratio Lower Upper

94 100

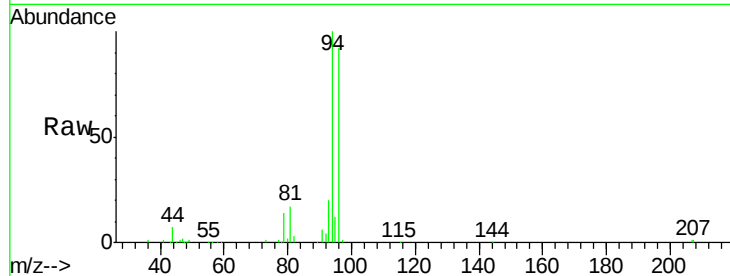
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Manual Integrations

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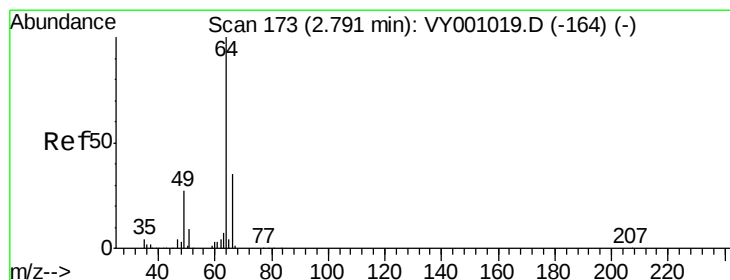
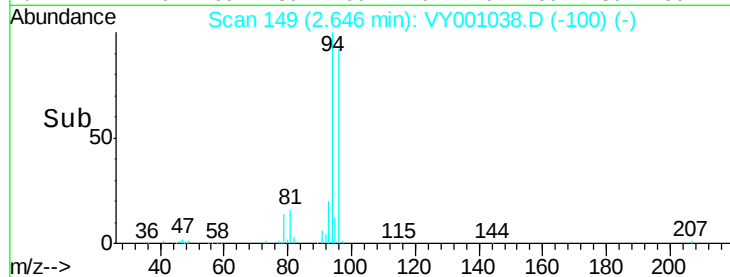
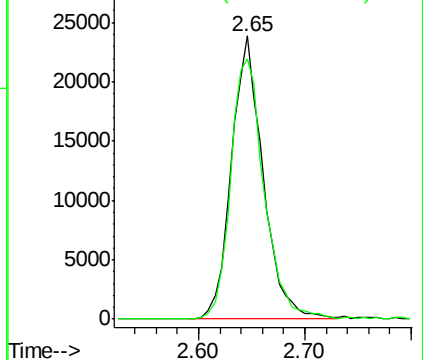
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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 21.725 ug/l

RT: 2.79 min Scan# 173

Delta R.T. 0.00 min

Lab File: VY001038.D

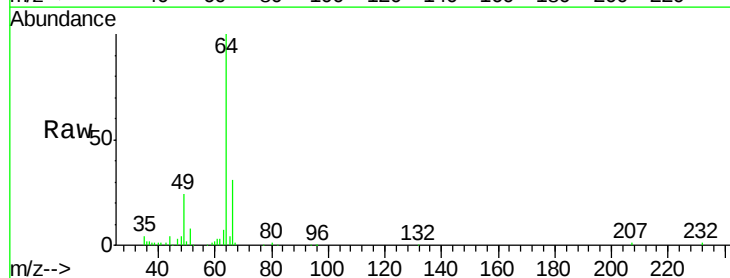
Acq: 24 Dec 2019 11:37

Tgt Ion: 64 Resp: 49359

Ion Ratio Lower Upper

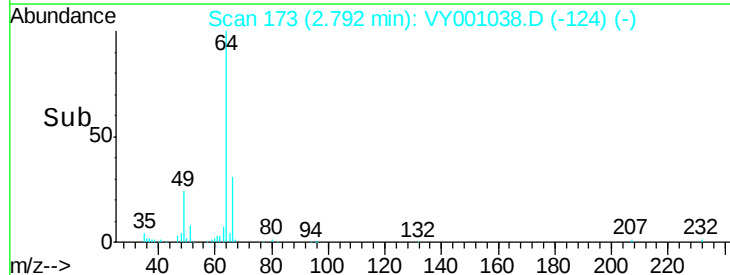
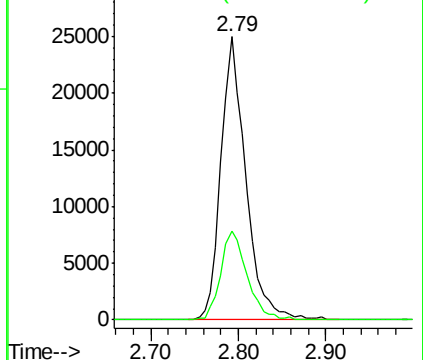
64 100

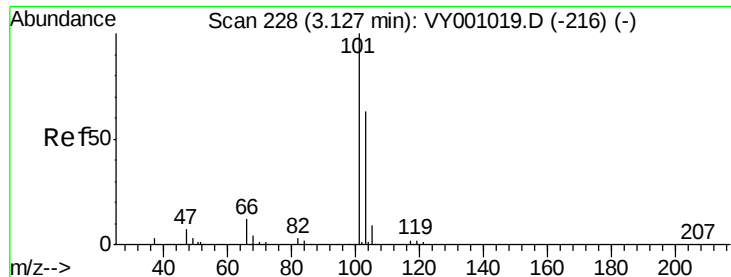
66 31.4 27.8 41.6



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

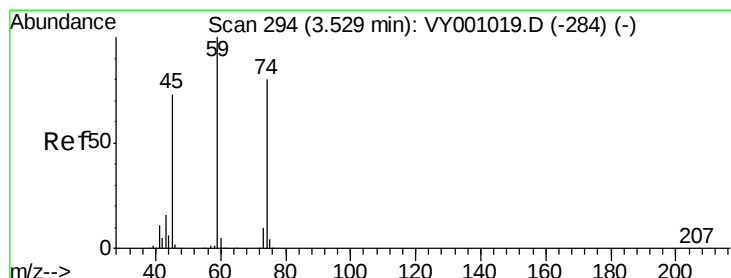
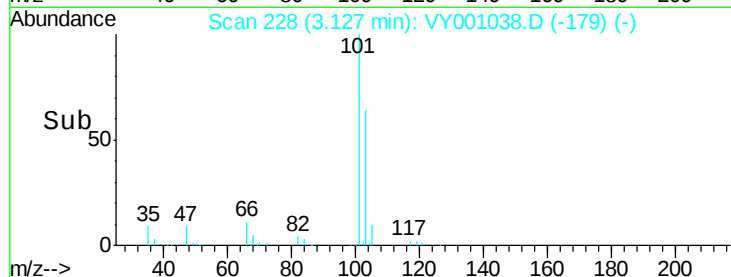
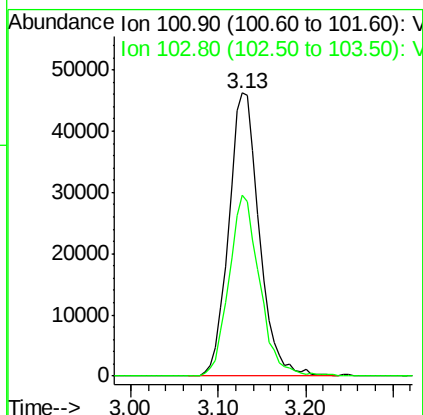
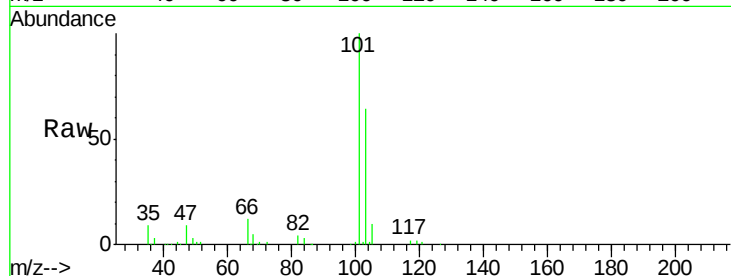
Trichlorofluoromethane
Concen: 21.036 ug/l
RT: 3.13 min Scan# 228
Delta R.T. 0.00 min
Lab File: VY001038.D
Acq: 24 Dec 2019 11:37

Instrument :
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Tot Ion	Ratio	Resp	Lower	Upper
101	100	112550		
103	63.8	50.2	50.2	75.2

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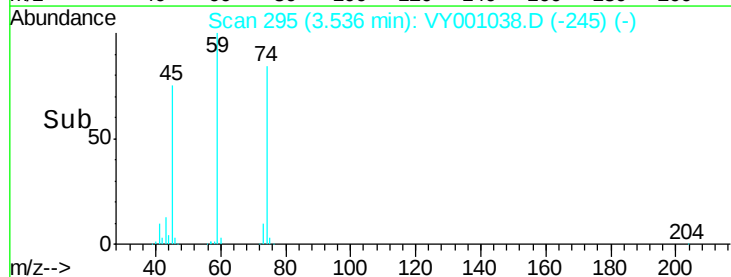
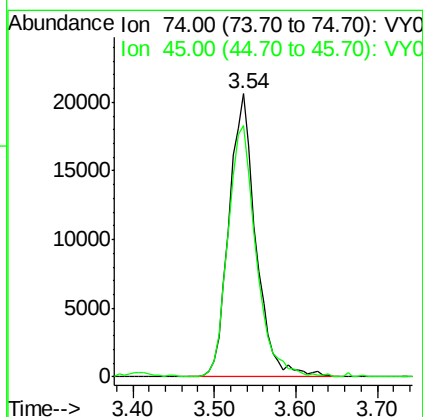
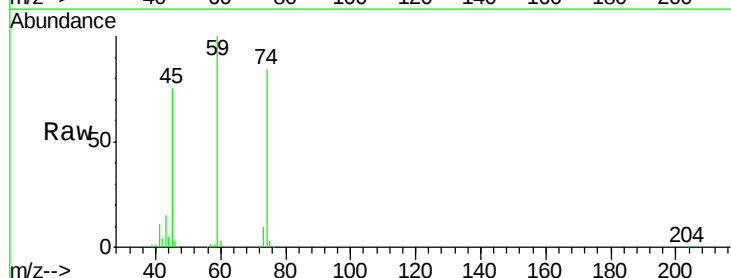
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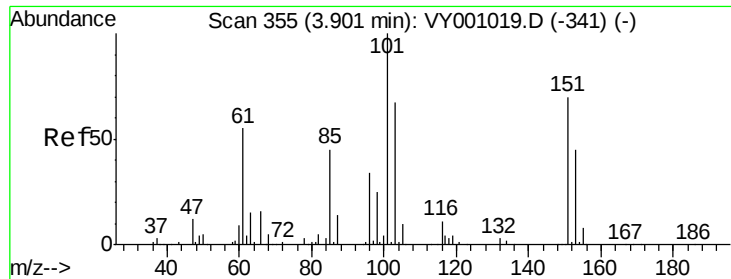


#8

Diethyl Ether
Concen: 21.393 ug/l
RT: 3.54 min Scan# 295
Delta R.T. 0.01 min
Lab File: VY001038.D
Acq: 24 Dec 2019 11:37

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	46722		
45	92.8	46.4	46.4	139.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.120 ug/l

RT: 3.91 min Scan# 356

Delta R.T. 0.01 min

Lab File: VY001038.D

Acq: 24 Dec 2019 11:37

Instrument :

MSVOA_Y

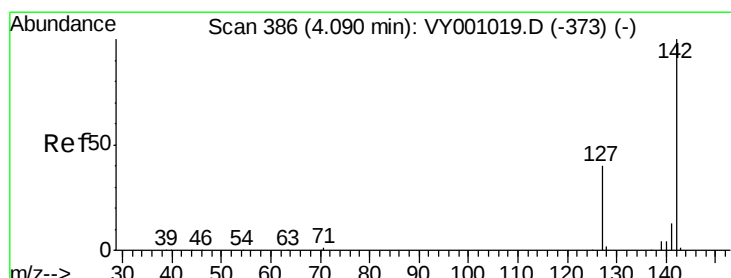
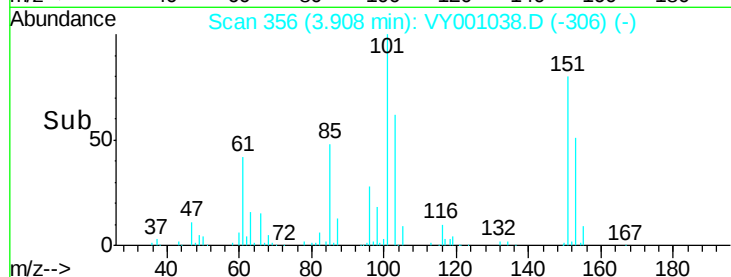
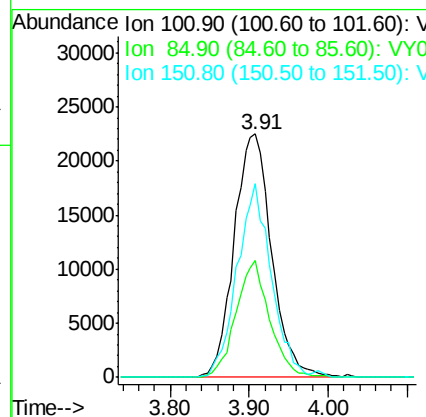
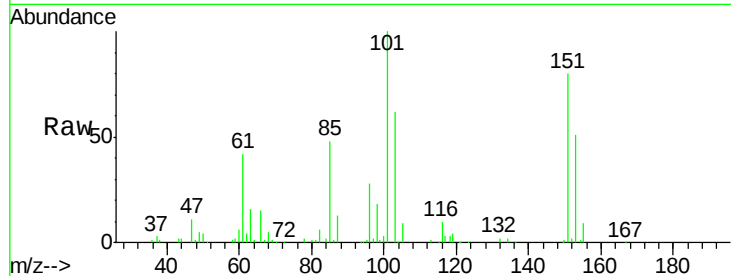
ClientSampleId :

VY1224SBS01

Tot Ion:	101	Resp:	74227
Ion Ratio	Lower	Upper	
101	100		
85	43.3	34.2	51.2
151	72.5	57.0	85.6

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#10

Methyl Iodide

Concen: 19.718 ug/l

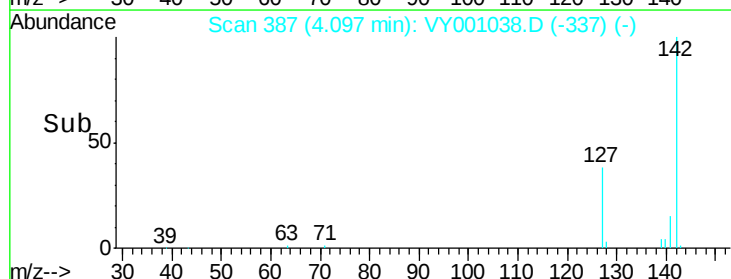
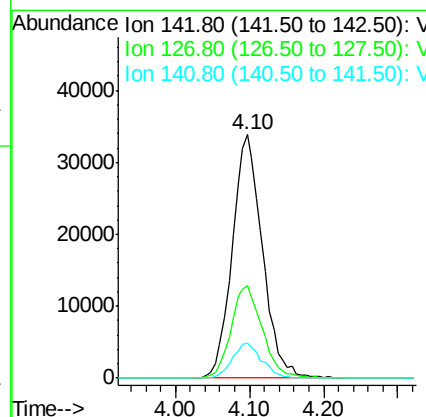
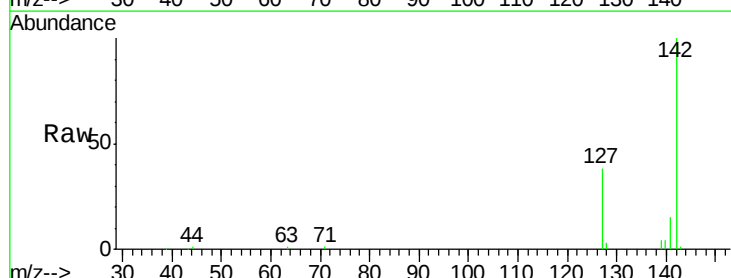
RT: 4.10 min Scan# 387

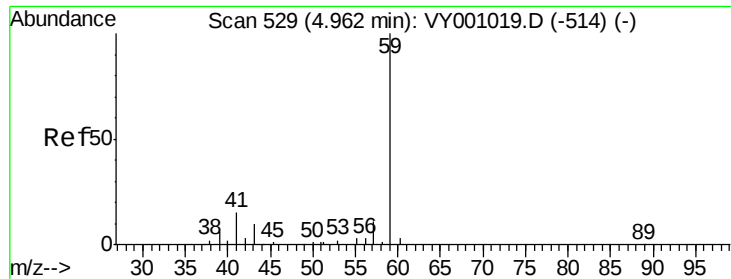
Delta R.T. 0.01 min

Lab File: VY001038.D

Acq: 24 Dec 2019 11:37

Tgt Ion:	142	Resp:	95750
Ion Ratio	Lower	Upper	
142	100		
127	39.2	31.2	46.8
141	14.0	11.0	16.4





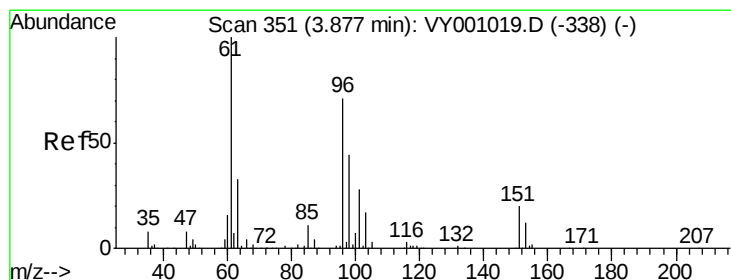
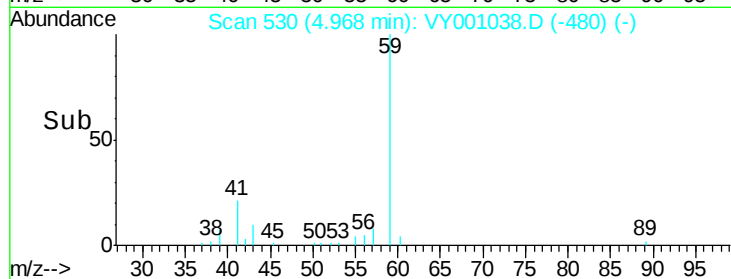
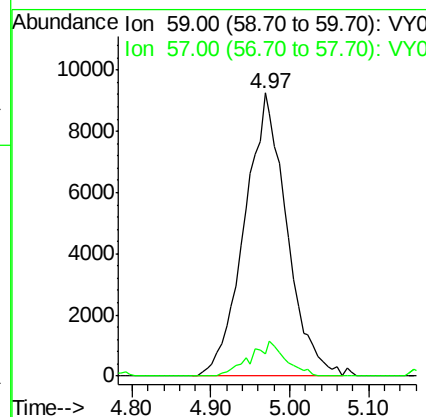
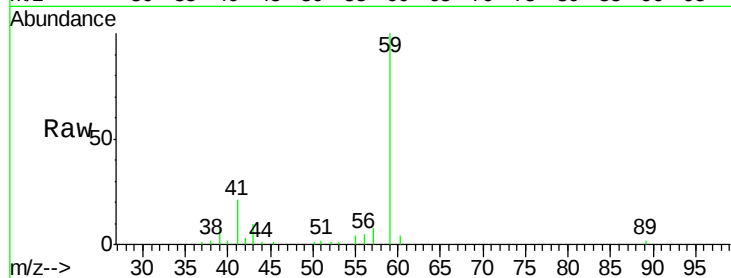
#11
Tert butyl alcohol
Concen: 100.456 ug/l
RT: 4.97 min Scan# 530
Delta R.T. 0.01 min
Lab File: VY001038.D
Acq: 24 Dec 2019 11:37

Instrument :
MSVOA_Y
ClientSampleId :
VY1224SBS01

Tot Ion: 59 Resp: 34504
Ion Ratio Lower Upper
59 100
57 10.3 7.8 11.6

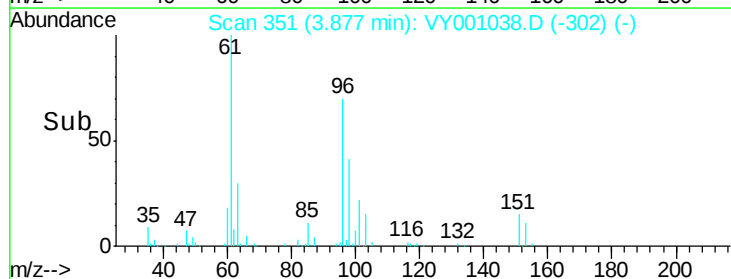
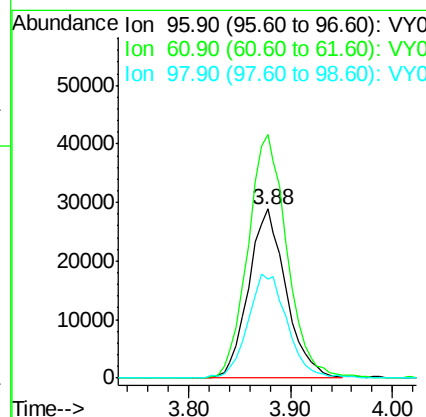
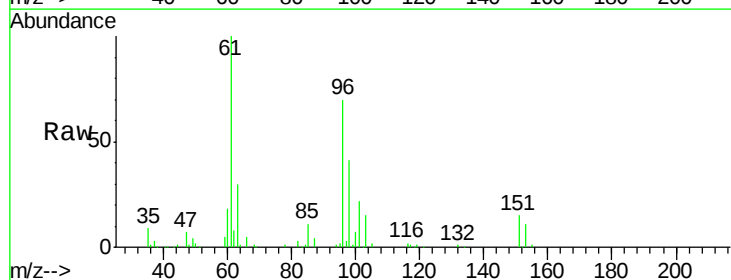
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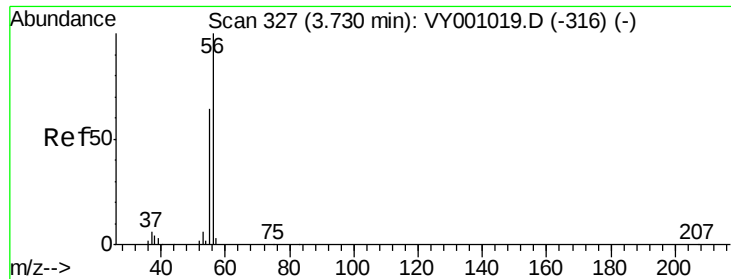
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#12
1,1-Dichloroethene
Concen: 20.816 ug/l
RT: 3.88 min Scan# 351
Delta R.T. 0.00 min
Lab File: VY001038.D
Acq: 24 Dec 2019 11:37

Tgt Ion: 96 Resp: 74067
Ion Ratio Lower Upper
96 100
61 143.8 113.0 169.4
98 58.7 49.8 74.8





#13

Acrolein

Concen: 90.816 ug/l

RT: 3.74 min Scan# 328

Delta R.T. 0.01 min

Lab File: VY001038.D

Acq: 24 Dec 2019 11:37

Instrument :

MSVOA_Y

ClientSampleId :

VY1224SBS01

Tot Ion: 56 Resp: 38649

Ion Ratio Lower Upper

56 100

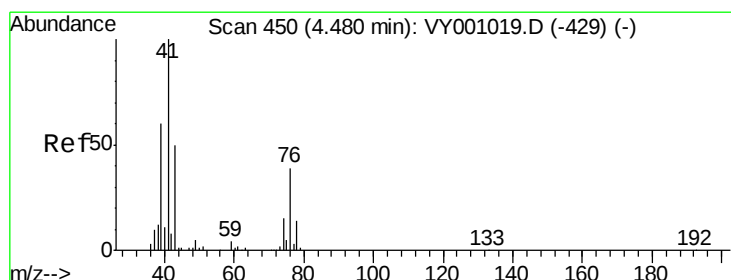
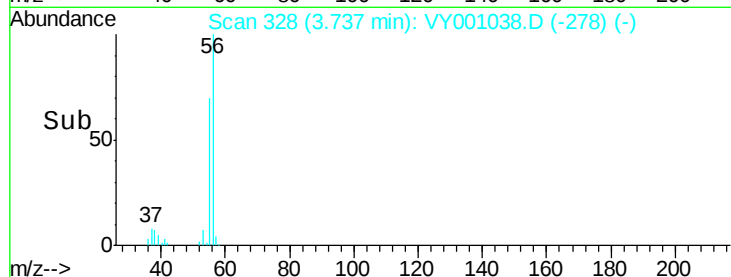
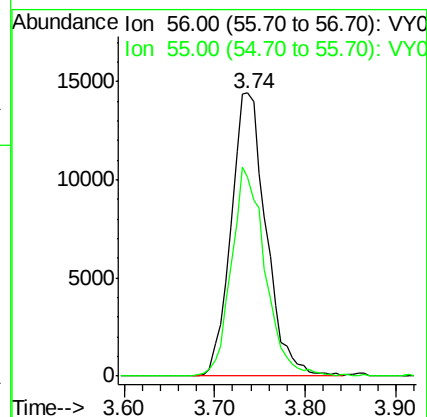
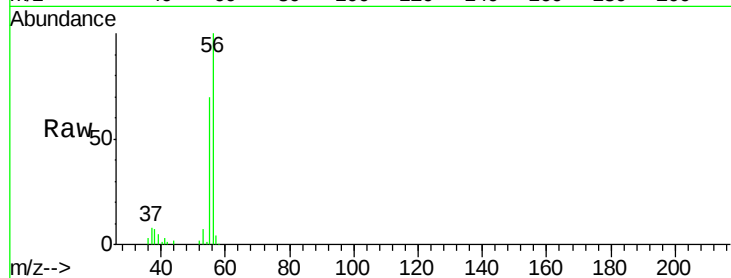
55 71.1 55.6 83.4

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#14

Allyl chloride

Concen: 21.100 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.01 min

Lab File: VY001038.D

Acq: 24 Dec 2019 11:37

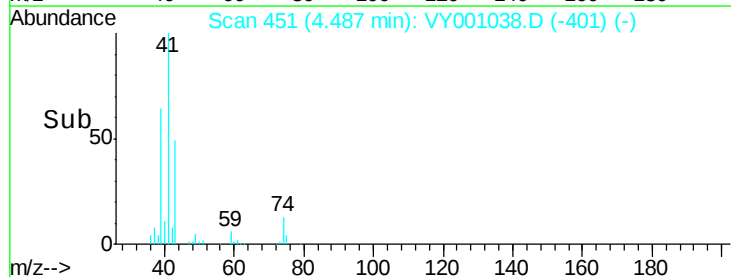
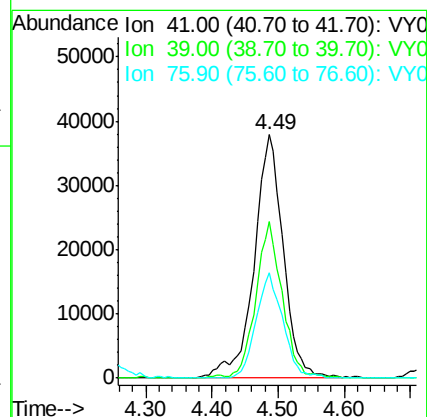
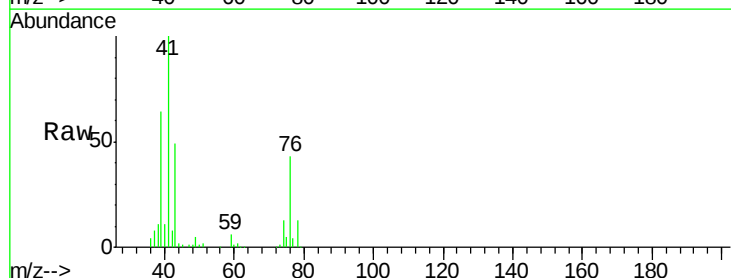
Tgt Ion: 41 Resp: 116634

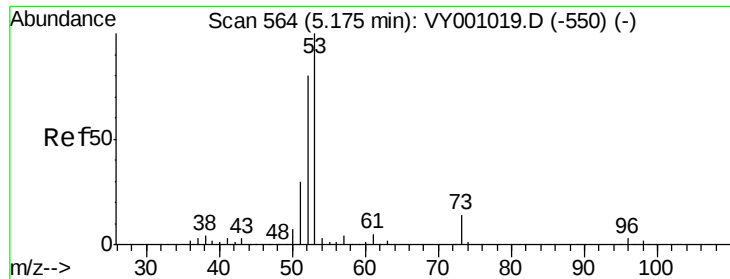
Ion Ratio Lower Upper

41 100

39 58.6 46.0 69.0

76 39.6 32.6 48.8





#15

Acrylonitrile

Concen: 103.317 ug/l

RT: 5.18 min Scan# 564

Delta R.T. 0.00 min

Lab File: VY001038.D

Acq: 24 Dec 2019 11:37

Instrument :

MSVOA_Y

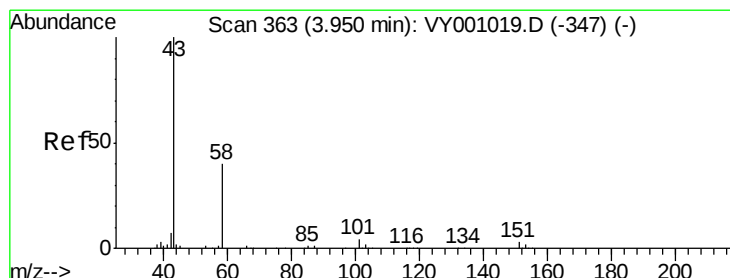
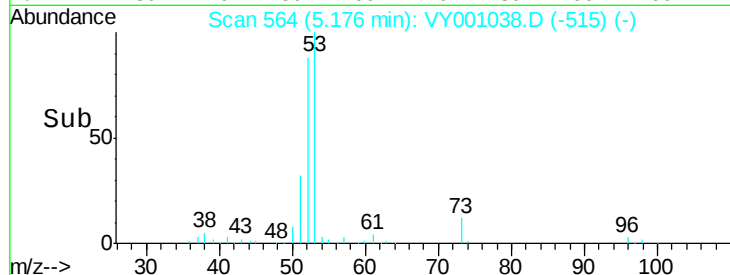
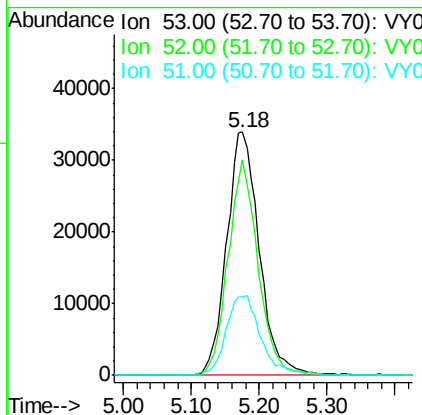
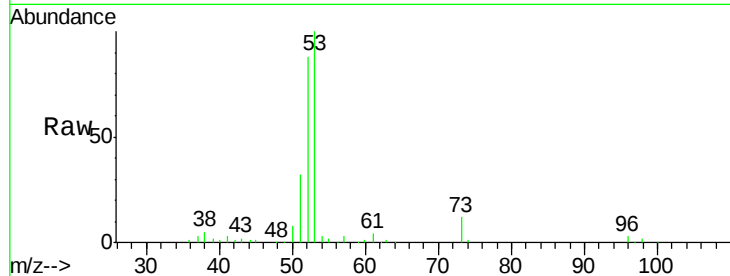
ClientSampleId :

VY1224SBS01

Tot Ion:	53	Resp:	112773
Ion Ratio	Lower	Upper	
53	100		
52	81.2	63.6	95.4
51	34.7	26.7	40.1

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#16

Acetone

Concen: 107.590 ug/l

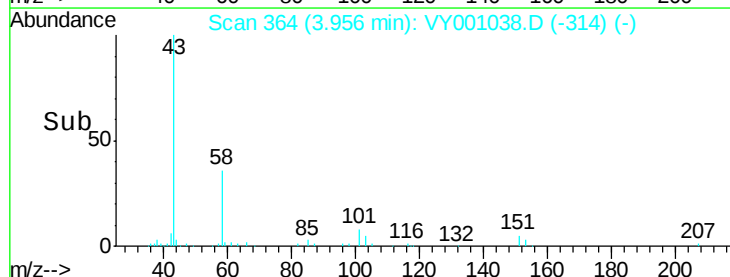
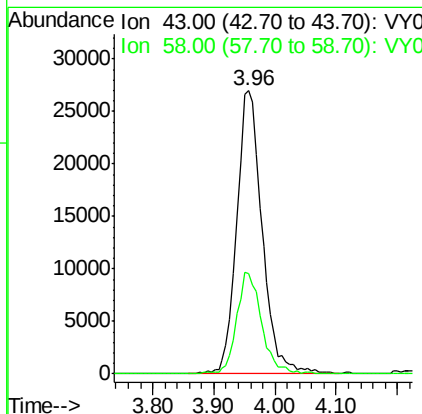
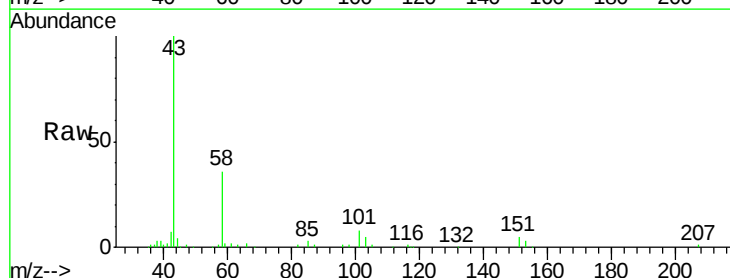
RT: 3.96 min Scan# 364

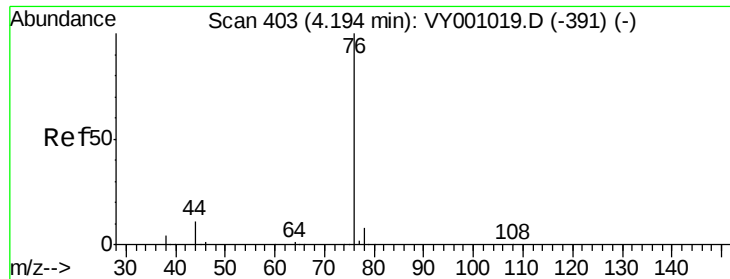
Delta R.T. 0.01 min

Lab File: VY001038.D

Acq: 24 Dec 2019 11:37

Tgt Ion:	43	Resp:	77427
Ion Ratio	Lower	Upper	
43	100		
58	35.6	32.1	48.1





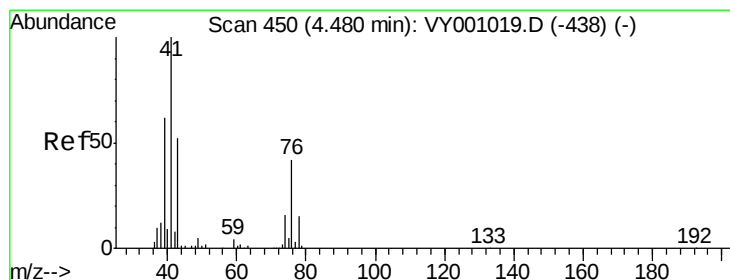
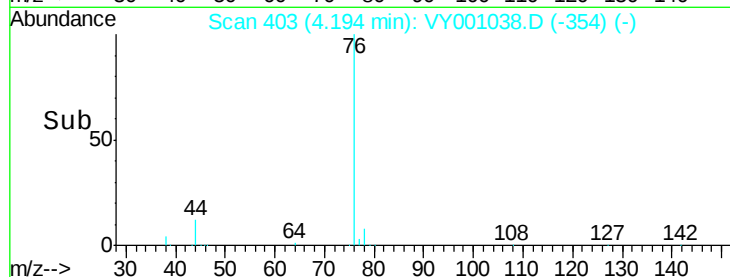
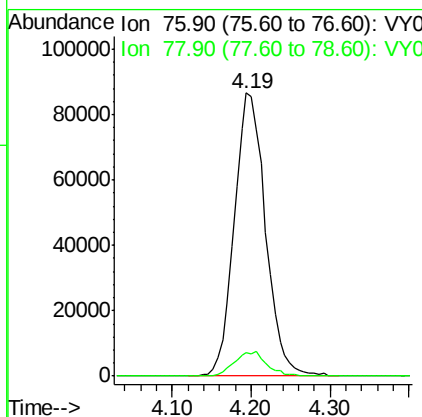
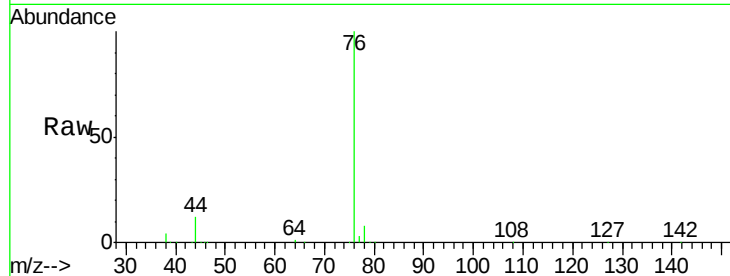
#17
Carbon Disulfide
Concen: 20.532 ug/l
RT: 4.19 min Scan# 403
Delta R.T. 0.00 min
Lab File: VY001038.D
Acq: 24 Dec 2019 11:37

Instrument :
MSVOA_Y
ClientSampleId :
VY1224SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.5	6.7	10.1

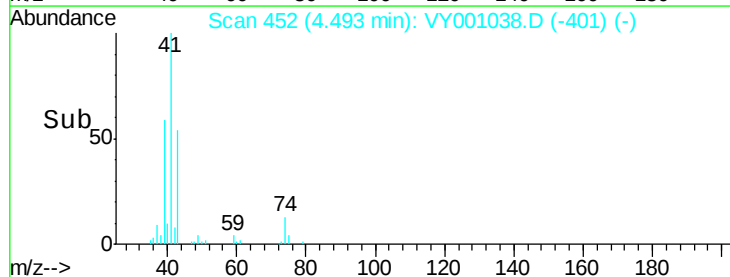
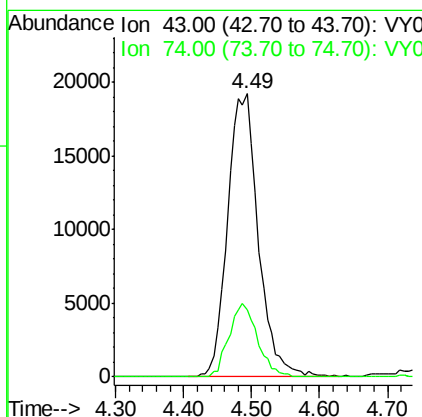
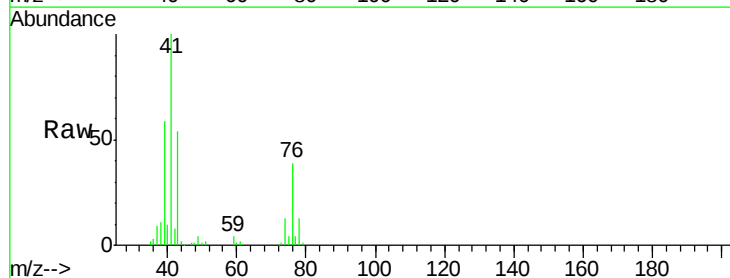
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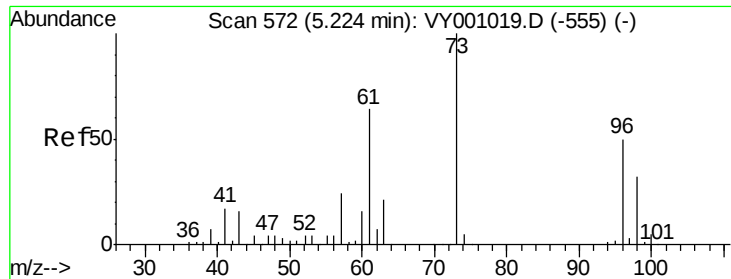
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#18
Methyl Acetate
Concen: 21.837 ug/l
RT: 4.49 min Scan# 452
Delta R.T. 0.01 min
Lab File: VY001038.D
Acq: 24 Dec 2019 11:37

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.0	20.7	31.1





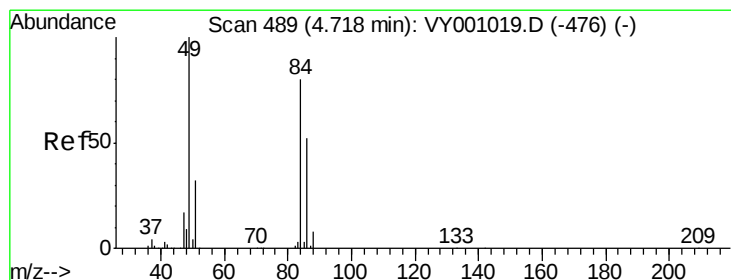
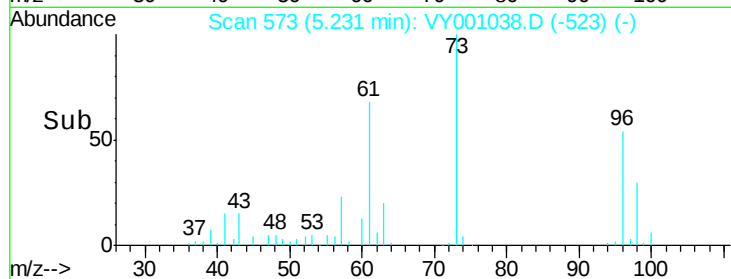
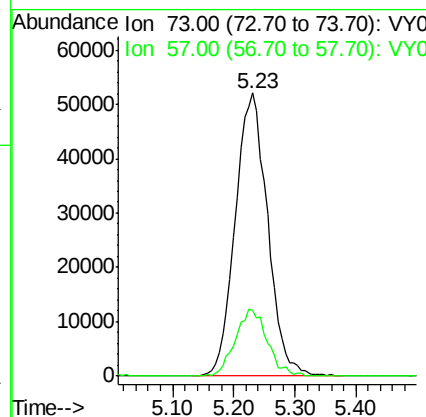
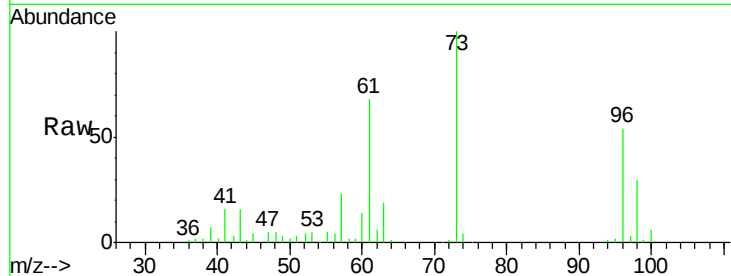
#19
Methvl tert-butvl Ether
Concen: 20.710 ug/l
RT: 5.23 min Scan# 573
Delta R.T. 0.01 min
Lab File: VY001038.D
Acq: 24 Dec 2019 11:37

Instrument :
MSVOA_Y
ClientSampleId :
VY1224SBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	23.2	19.0	28.6

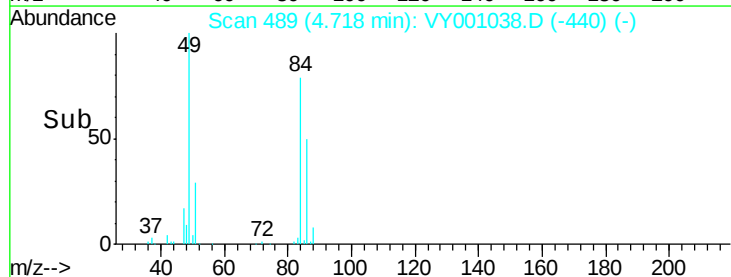
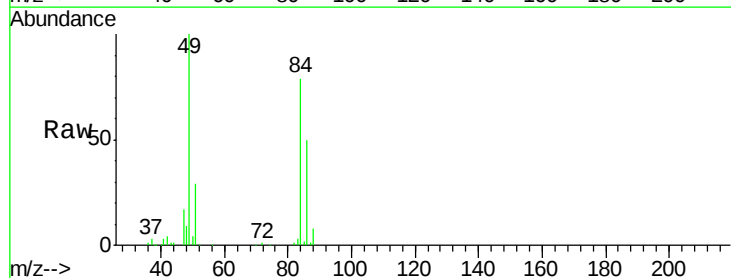
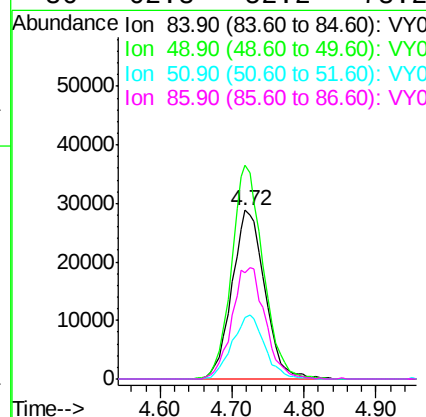
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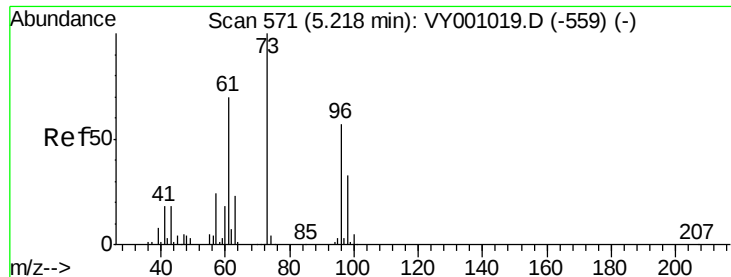
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#20
Methylene Chloride
Concen: 21.517 ug/l
RT: 4.72 min Scan# 489
Delta R.T. 0.00 min
Lab File: VY001038.D
Acq: 24 Dec 2019 11:37

Tgt Ion	Ratio	Lower	Upper
84	100		
49	126.5	99.8	149.6
51	36.3	31.4	47.2
86	62.8	52.2	78.2





#21

trans-1,2-Dichloroethene

Concen: 21.237 ug/l

RT: 5.23 min Scan# 573

Delta R.T. 0.01 min

Lab File: VY001038.D

Acq: 24 Dec 2019 11:37

Instrument :

MSVOA_Y

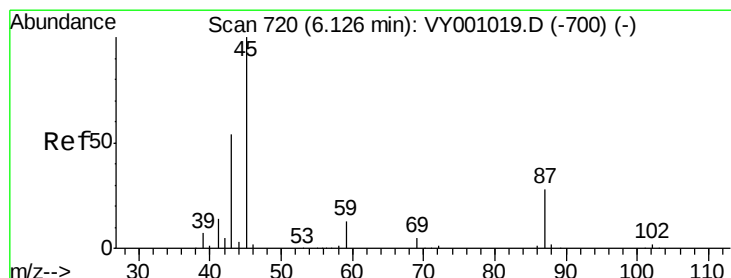
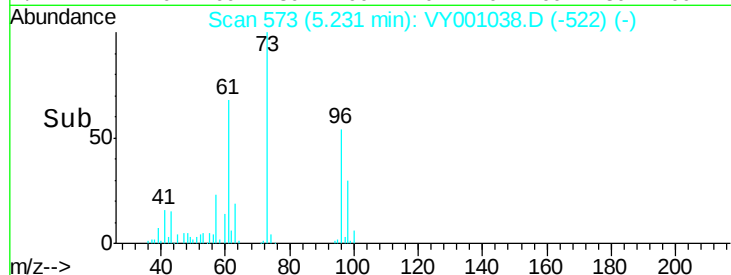
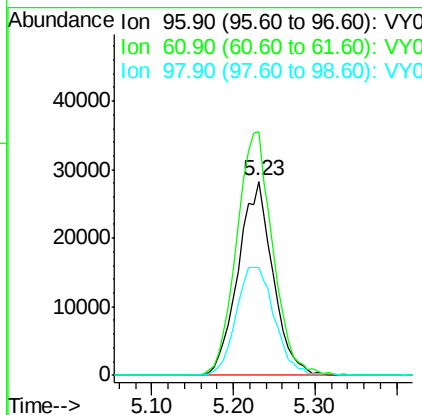
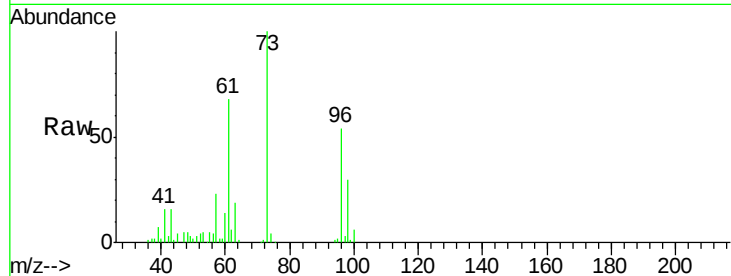
ClientSampleId :

VY1224SBS01

Tot Ion:	96	Resp:	83746
Ion	Ratio	Lower	Upper
96	100		
61	125.5	98.1	147.1
98	55.8	47.2	70.8

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#22

Diisopropyl ether

Concen: 21.745 ug/l

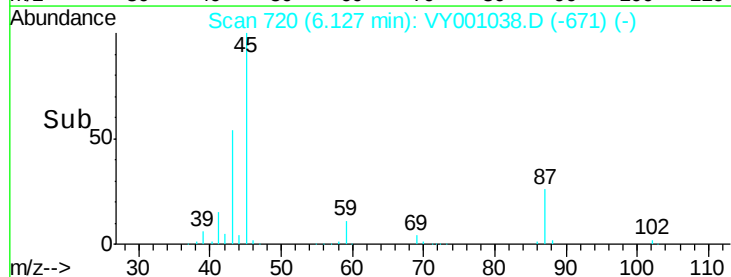
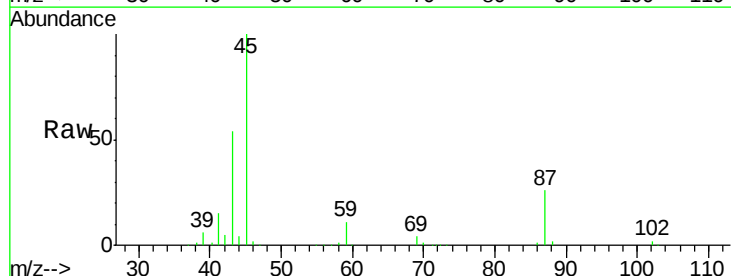
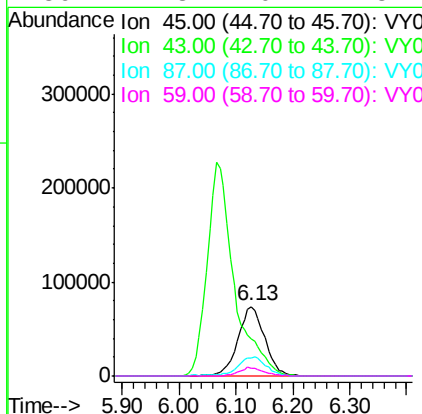
RT: 6.13 min Scan# 720

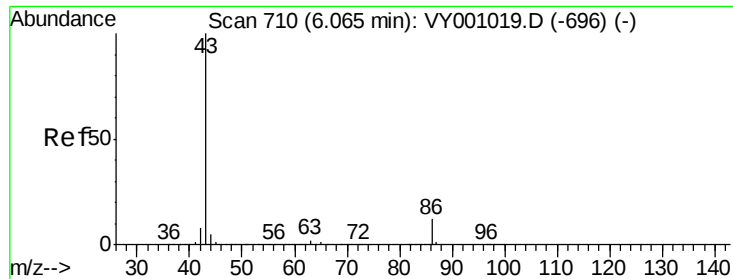
Delta R.T. 0.00 min

Lab File: VY001038.D

Acq: 24 Dec 2019 11:37

Tgt Ion:	45	Resp:	242950
Ion	Ratio	Lower	Upper
45	100		
43	53.8	43.6	65.4
87	25.9	23.1	34.7
59	11.3	10.2	15.4





#23

Vinyl Acetate

Concen: 106.430 ug/l

RT: 6.07 min Scan# 710

Delta R.T. 0.00 min

Lab File: VY001038.D

Acq: 24 Dec 2019 11:37

Instrument :

MSVOA_Y

ClientSampleId :

VY1224SBS01

Tot Ion: 43 Resp: 750986

Ion Ratio Lower Upper

43 100

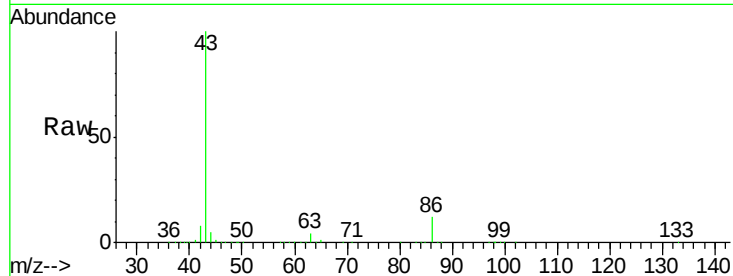
86 11.6 9.5 14.3

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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

250000

200000

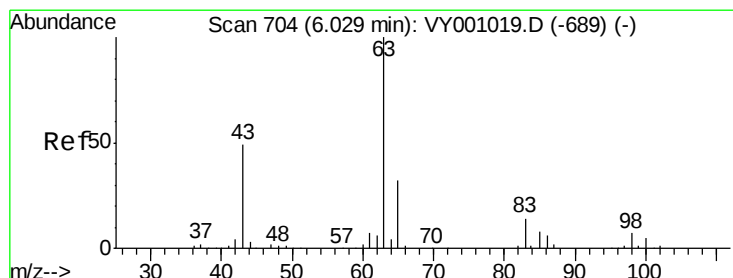
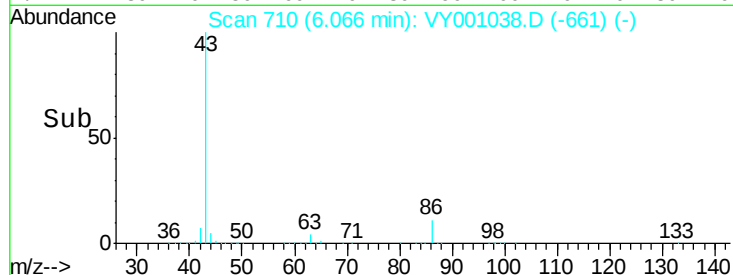
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 20.967 ug/l

RT: 6.03 min Scan# 704

Delta R.T. 0.00 min

Lab File: VY001038.D

Acq: 24 Dec 2019 11:37

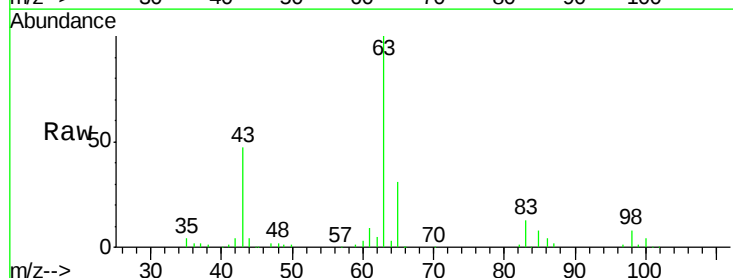
Tgt Ion: 63 Resp: 138438

Ion Ratio Lower Upper

63 100

98 8.1 3.8 11.2

100 3.9 2.5 7.5



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

6.03

60000

50000

40000

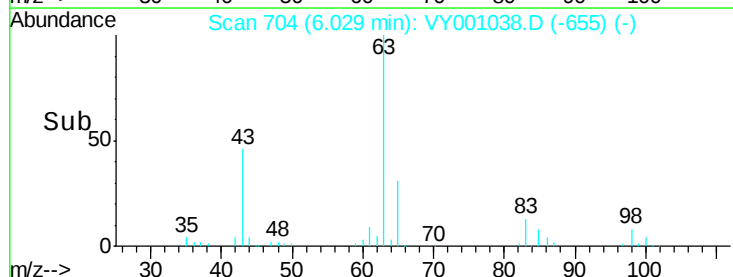
30000

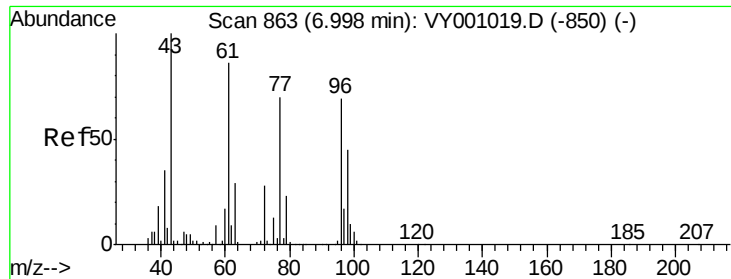
20000

10000

0

Time-->





#25

2-Butanone

Concen: 106.456 ug/l

RT: 7.00 min Scan# 863

Delta R.T. 0.00 min

Lab File: VY001038.D

Acq: 24 Dec 2019 11:37

Instrument :

MSVOA_Y

ClientSampleId :

VY1224SBS01

Tot Ion: 43 Resp: 134585

Ion Ratio Lower Upper

43 100

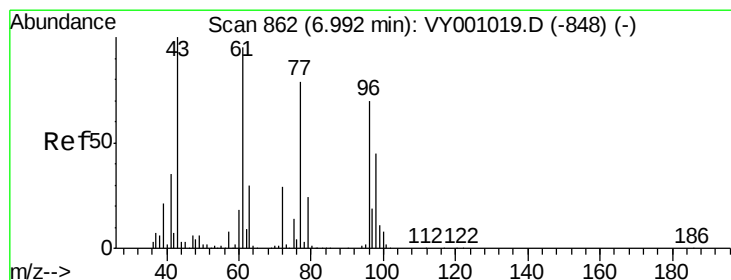
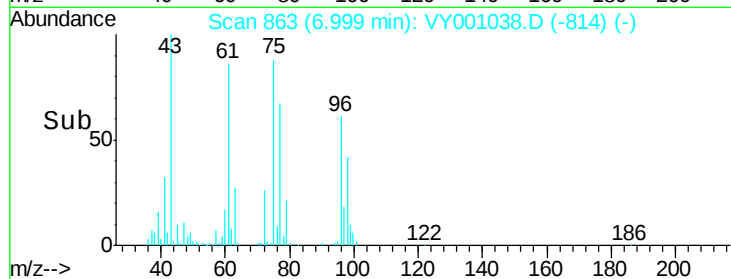
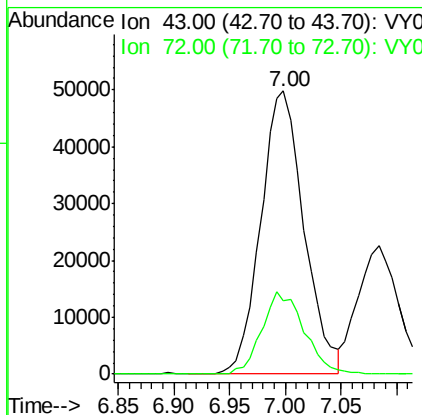
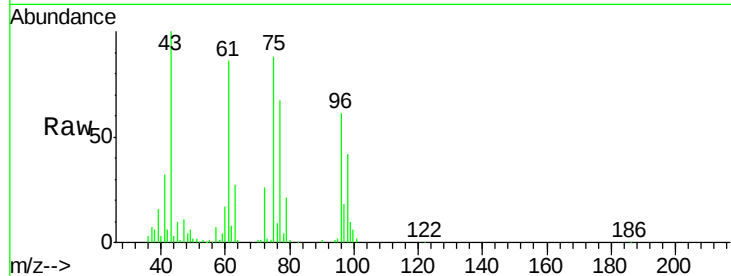
72 26.1 22.4 33.6

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#26

2,2-Dichloropropane

Concen: 21.267 ug/l

RT: 6.99 min Scan# 862

Delta R.T. 0.00 min

Lab File: VY001038.D

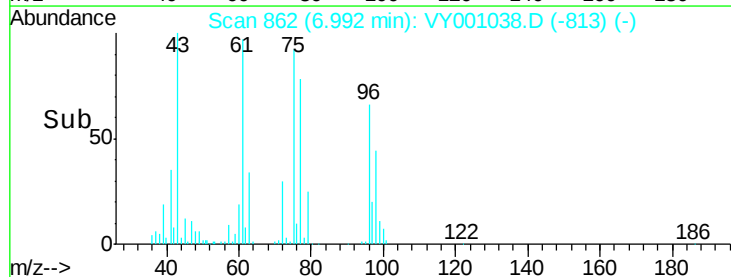
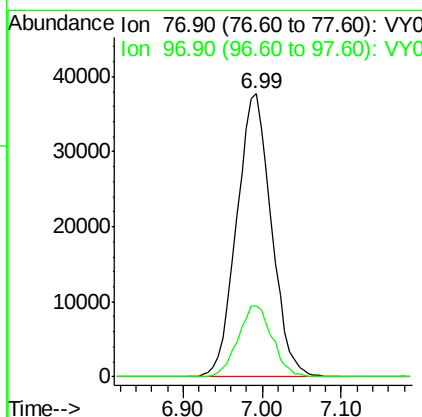
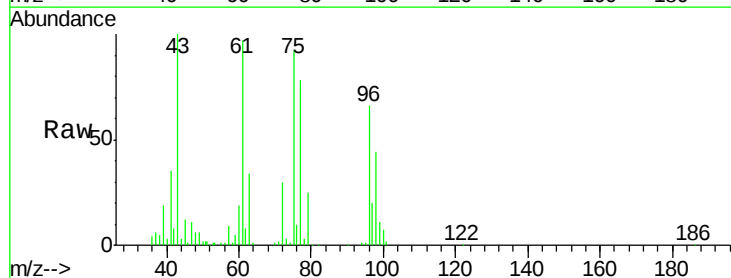
Acq: 24 Dec 2019 11:37

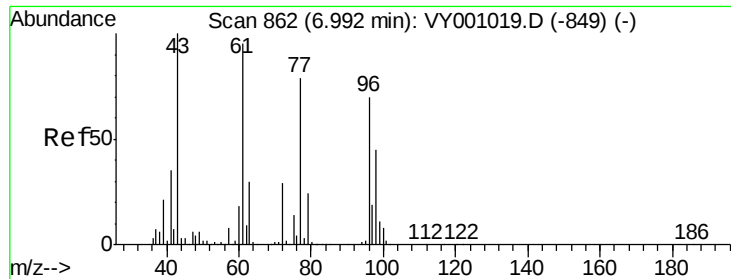
Tgt Ion: 77 Resp: 115363

Ion Ratio Lower Upper

77 100

97 24.8 12.0 36.1





#27

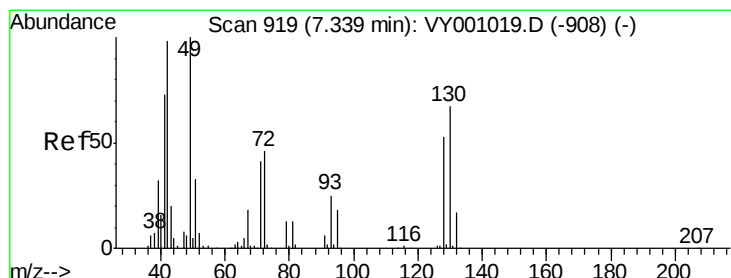
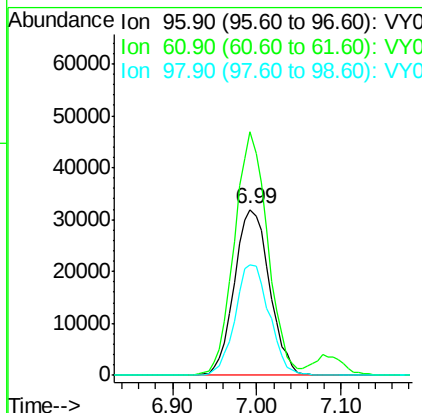
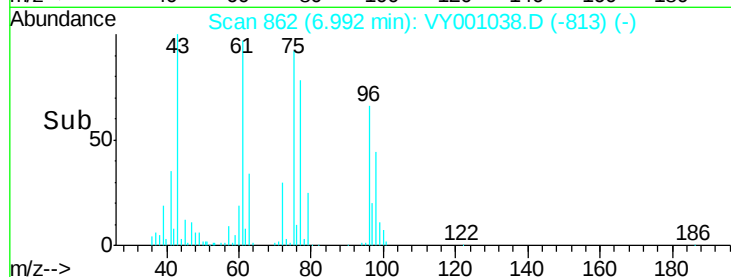
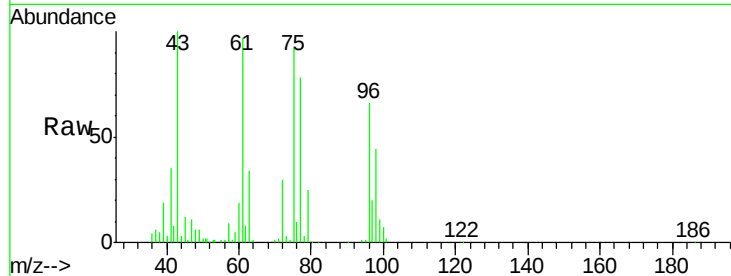
cis-1,2-Dichloroethene
 Concen: 20.773 ug/l
 RT: 6.99 min Scan# 862
 Delta R.T. 0.00 min
 Lab File: VY001038.D
 Acq: 24 Dec 2019 11:37

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1224SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	139.9	0.0	268.2
98	65.2	0.0	129.2

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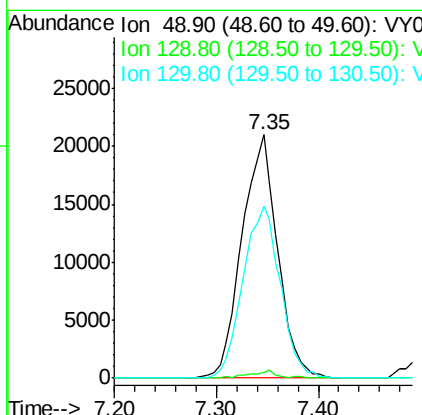
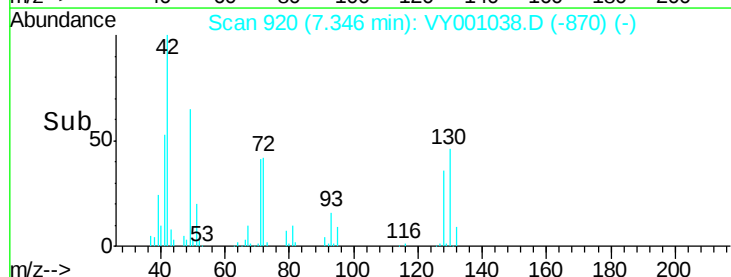
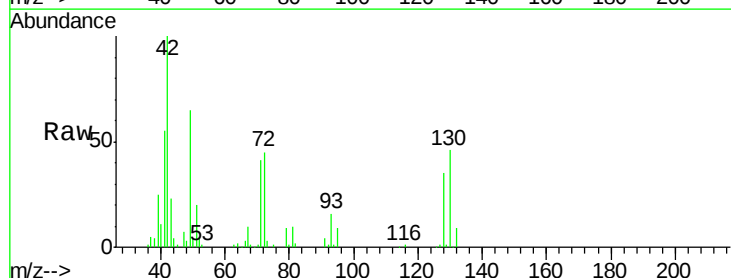
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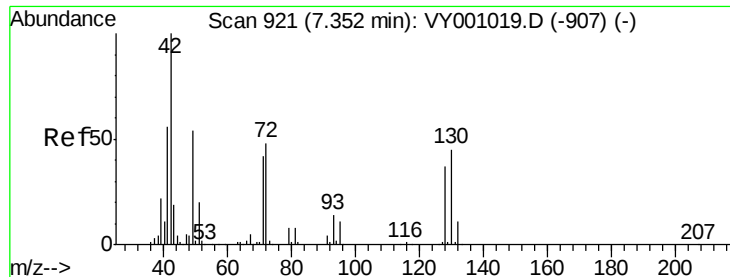


#28

Bromochloromethane
 Concen: 19.803 ug/l
 RT: 7.35 min Scan# 920
 Delta R.T. 0.01 min
 Lab File: VY001038.D
 Acq: 24 Dec 2019 11:37

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	3.8
130	73.8	60.4	90.6





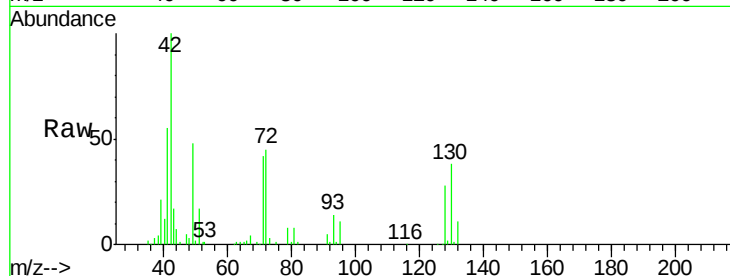
#29
Tetrahydrofuran
Concen: 103.802 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.00 min
Lab File: VY001038.D
Acq: 24 Dec 2019 11:37

Instrument :
MSVOA_Y
ClientSampleId :
VY1224SBS01

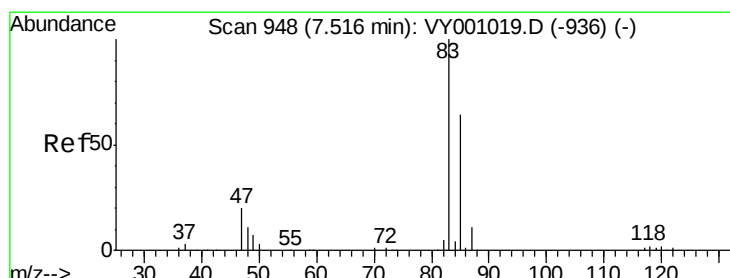
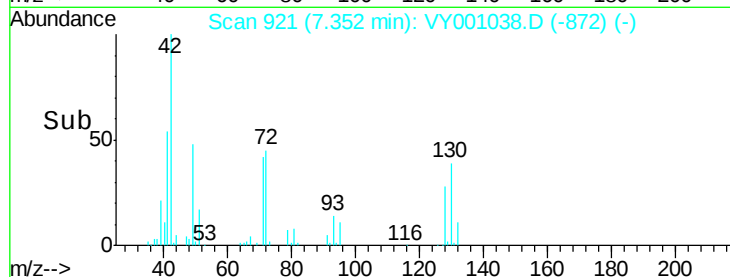
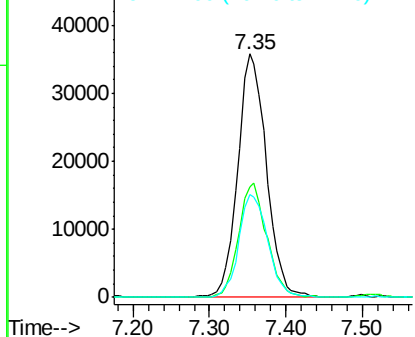
Tot Ion	Ratio	Lower	Upper
42	100		
72	46.0	37.7	56.5
71	42.8	34.6	51.8

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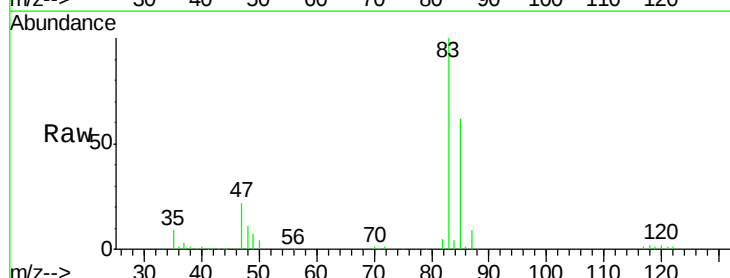


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

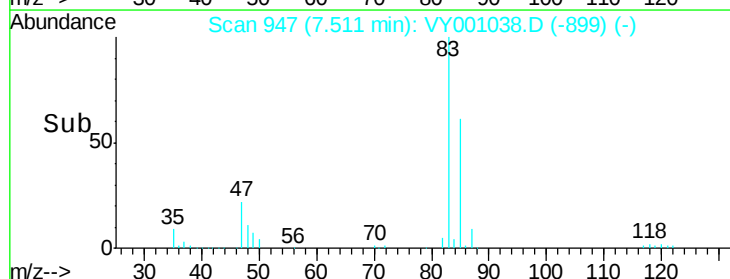
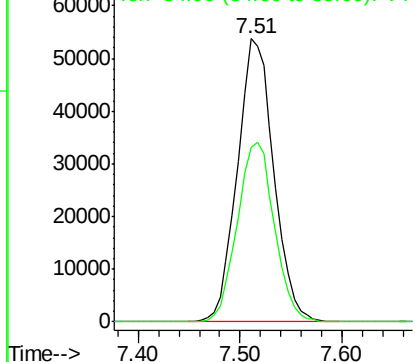


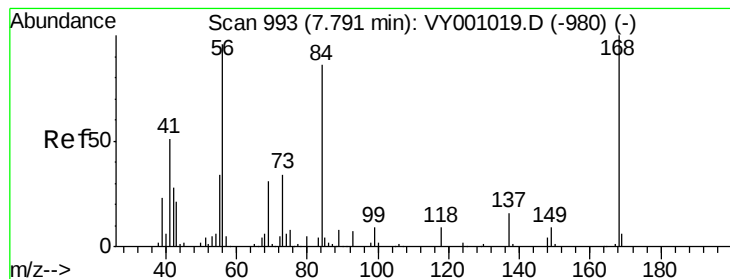
#30
Chloroform
Concen: 21.296 ug/l
RT: 7.51 min Scan# 947
Delta R.T. -0.01 min
Lab File: VY001038.D
Acq: 24 Dec 2019 11:37

Tgt Ion	Ratio	Lower	Upper
83	100		
85	61.6	51.6	77.4



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





#31

Cyclohexane

Concen: 20.860 ug/l

RT: 7.79 min Scan# 993

Delta R.T. 0.00 min

Lab File: VY001038.D

Acq: 24 Dec 2019 11:37

Instrument :

MSVOA_Y

ClientSampleId :

VY1224SBS01

Tot Ion: 56 Resp: 144832

Ion Ratio Lower Upper

56 100

69 38.5 26.1 39.1

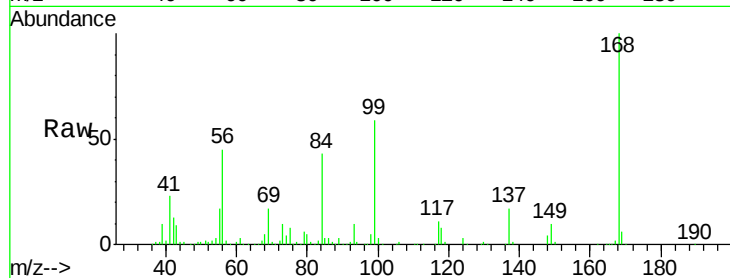
84 93.4 71.8 107.8

Manual Integrations

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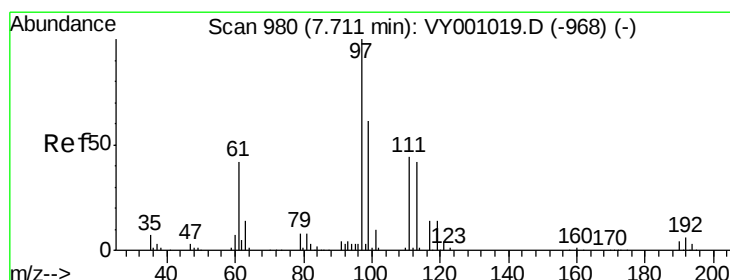
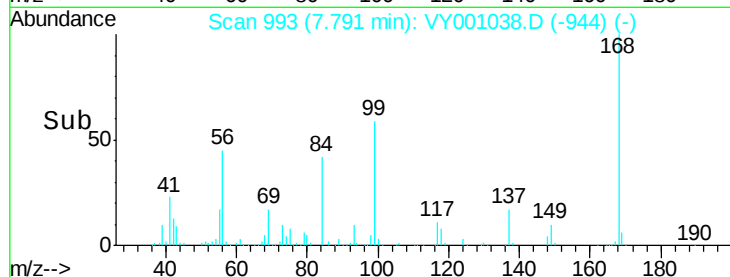
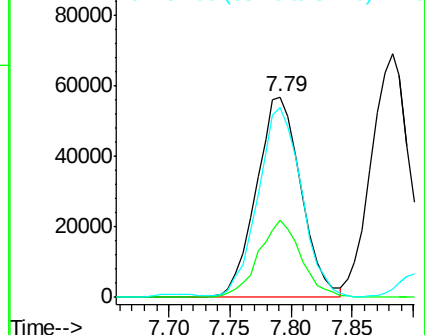
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Abundance Ion 56.00 (55.70 to 56.70): VY001019.D (-980) (-)

Ion 69.00 (68.70 to 69.70): VY001019.D (-980) (-)

Ion 84.00 (83.70 to 84.70): VY001019.D (-980) (-)



#32

1,1,1-Trichloroethane

Concen: 20.564 ug/l

RT: 7.71 min Scan# 980

Delta R.T. 0.00 min

Lab File: VY001038.D

Acq: 24 Dec 2019 11:37

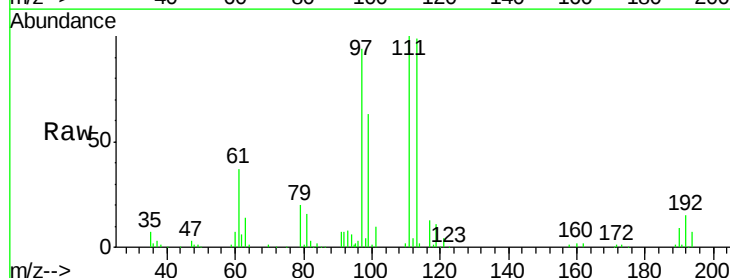
Tgt Ion: 97 Resp: 109521

Ion Ratio Lower Upper

97 100

99 66.0 50.6 76.0

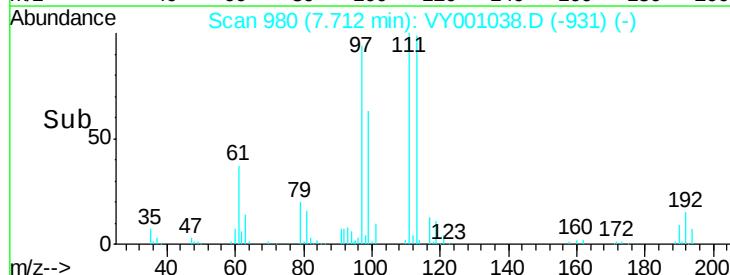
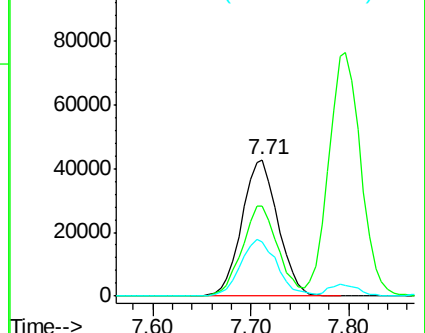
61 41.9 33.0 49.6

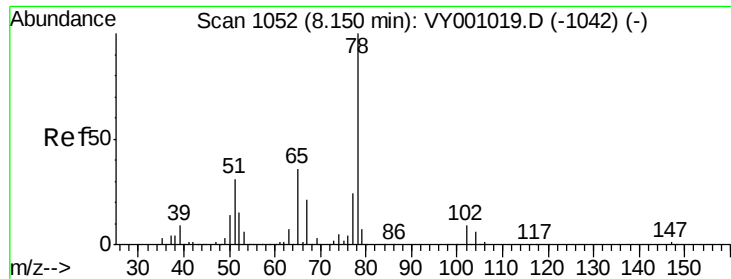


Abundance Ion 96.90 (96.60 to 97.60): VY001019.D (-968) (-)

Ion 98.90 (98.60 to 99.60): VY001019.D (-968) (-)

Ion 60.90 (60.60 to 61.60): VY001019.D (-968) (-)





#33

1,2-Dichloroethane-d4

Concen: 50.952 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.00 min

Lab File: VY001038.D

Acq: 24 Dec 2019 11:37

Tot Ion: 65 Resp: 159164

Ion Ratio Lower Upper

65 100

67 58.1 0.0 112.8

Instrument :

MSVOA_Y

ClientSampleId :

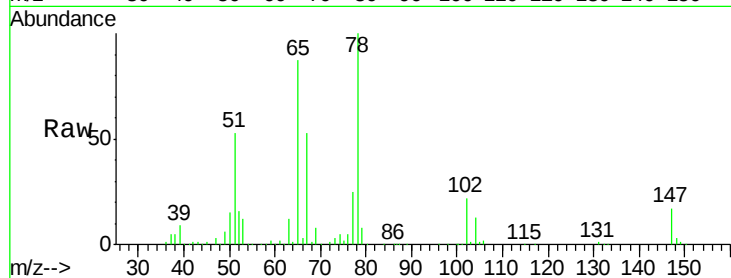
VY1224SBS01

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Abundance Ion 64.90 (64.60 to 65.60): VY001038.D (-1003) (-)

Ion 66.90 (66.60 to 67.60): VY001038.D (-1003) (-)

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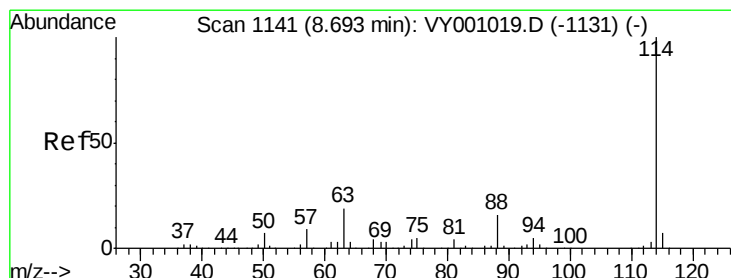
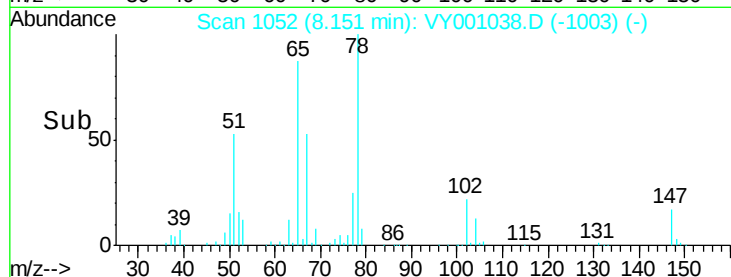
8.15

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. 0.00 min

Lab File: VY001038.D

Acq: 24 Dec 2019 11:37

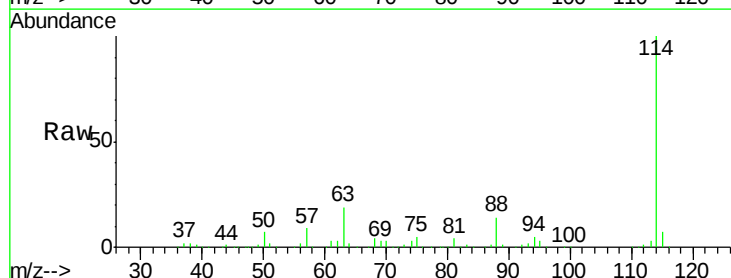
Tgt Ion: 114 Resp: 570123

Ion Ratio Lower Upper

114 100

63 18.7 0.0 37.0

88 14.4 0.0 32.0



Abundance Ion 113.90 (113.60 to 114.60): VY001038.D (-1092) (-)

Ion 63.00 (62.70 to 63.70): VY001038.D (-1092) (-)

Ion 87.90 (87.60 to 88.60): VY001038.D (-1092) (-)

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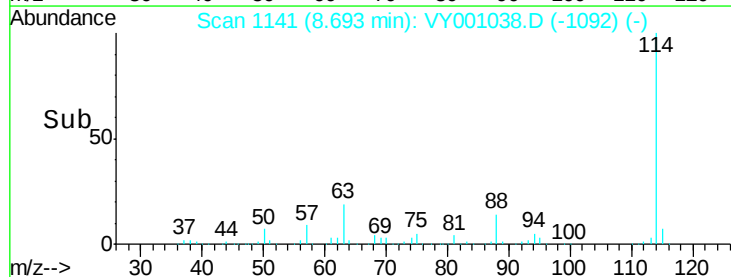
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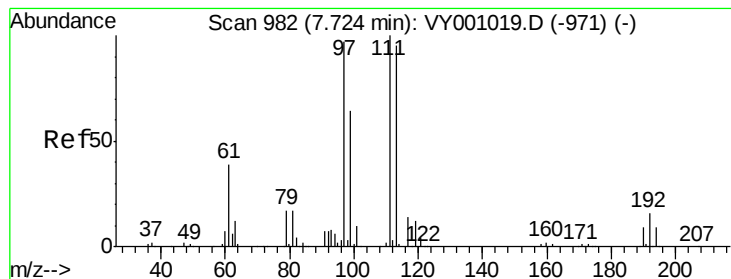
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#35

Dibromofluoromethane

Concen: 47.911 ug/l

RT: 7.72 min Scan# 982

Delta R.T. 0.00 min

Lab File: VY001038.D

Acq: 24 Dec 2019 11:37

Instrument :

MSVOA_Y

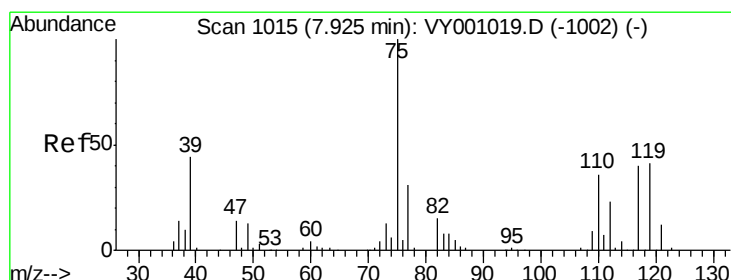
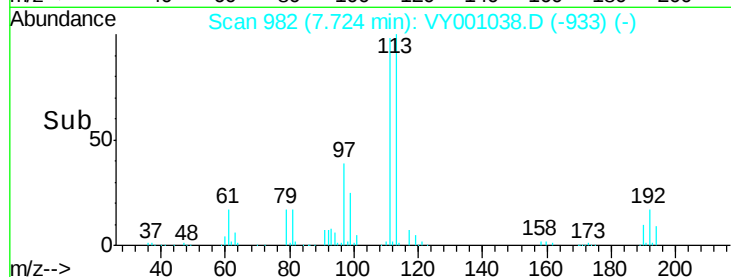
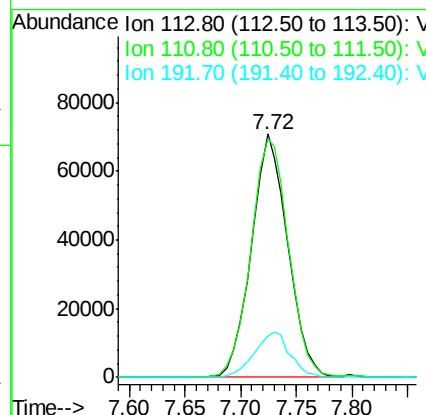
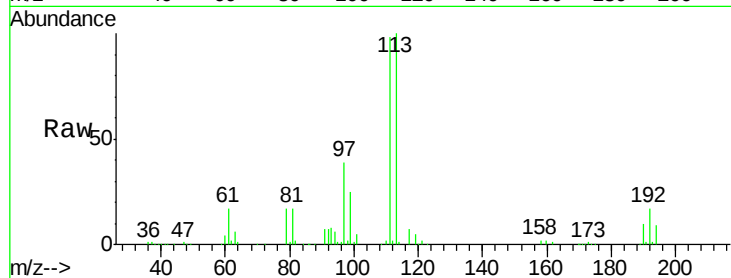
ClientSampleId :

VY1224SBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	160847		
111	102.1	83.0	124.4	
192	18.2	14.6	21.8	

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#36

1,1-Dichloropropene

Concen: 20.575 ug/l

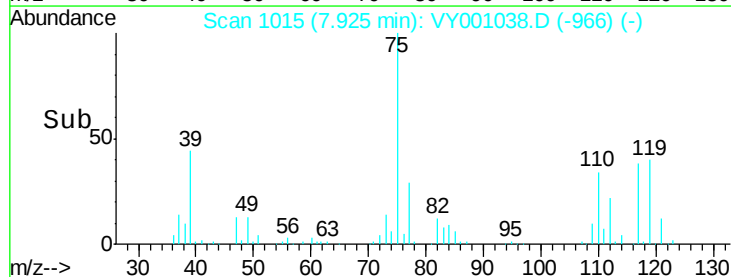
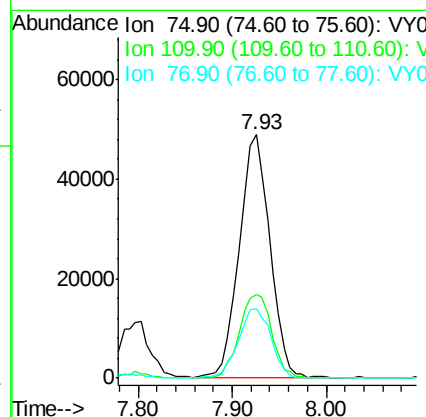
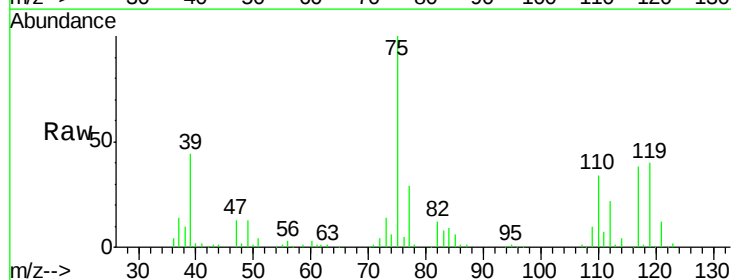
RT: 7.93 min Scan# 1015

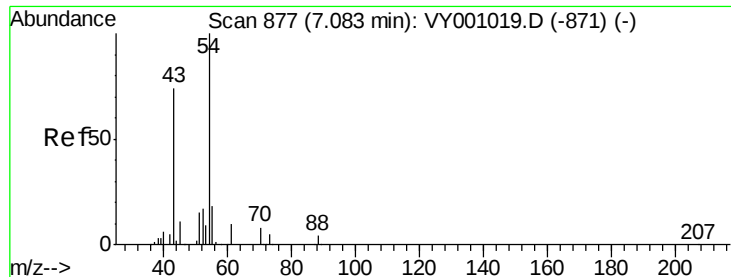
Delta R.T. 0.00 min

Lab File: VY001038.D

Acq: 24 Dec 2019 11:37

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	111907		
110	36.2	18.1	54.4	
77	30.5	24.6	37.0	





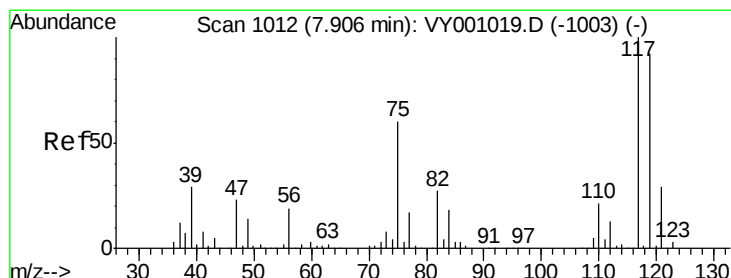
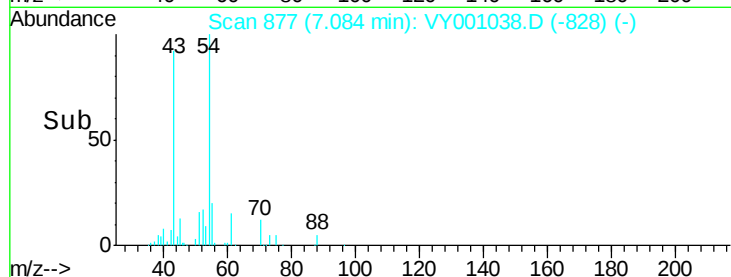
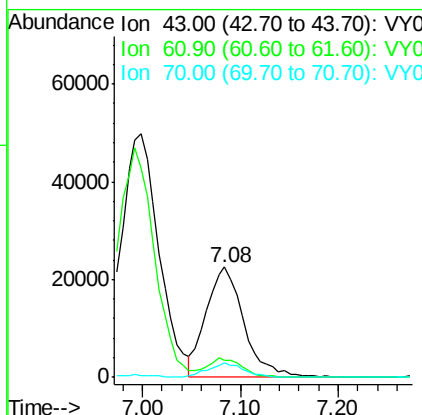
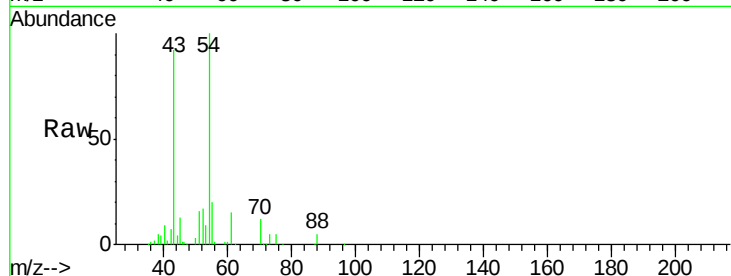
#37
Ethyl Acetate
Concen: 19.792 ug/l
RT: 7.08 min Scan# 877
Delta R.T. 0.00 min
Lab File: VY001038.D
Acq: 24 Dec 2019 11:37

Instrument :
MSVOA_Y
ClientSampleId :
VY1224SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	16.2	12.5	18.7
70	12.6	9.0	13.4

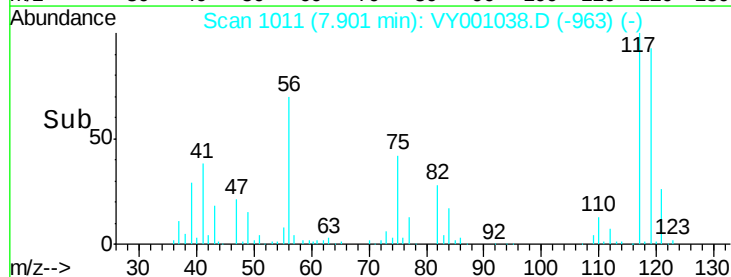
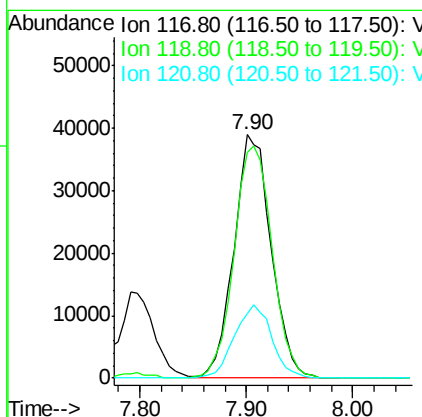
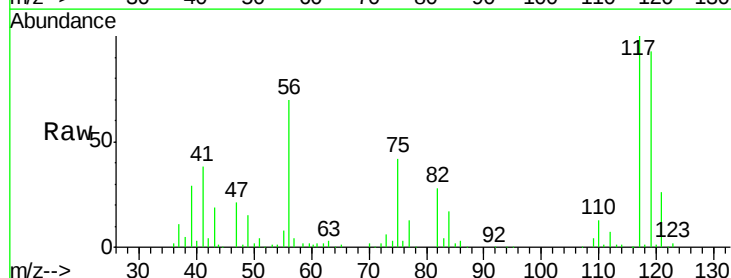
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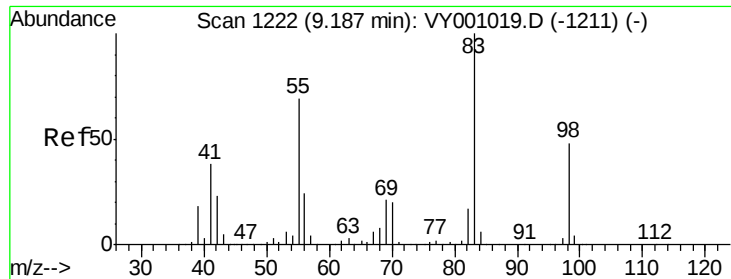
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#38
Carbon Tetrachloride
Concen: 20.086 ug/l
RT: 7.90 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VY001038.D
Acq: 24 Dec 2019 11:37

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.8	74.2	111.2
121	26.5	22.9	34.3





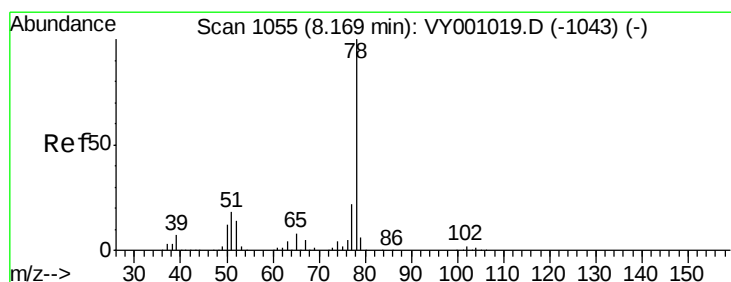
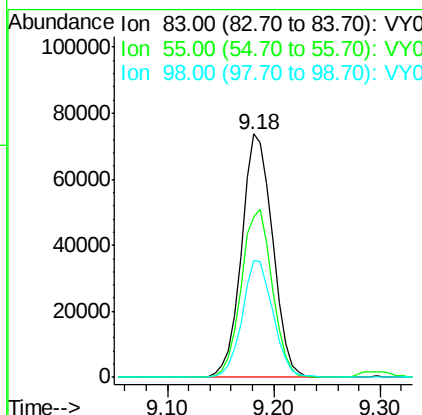
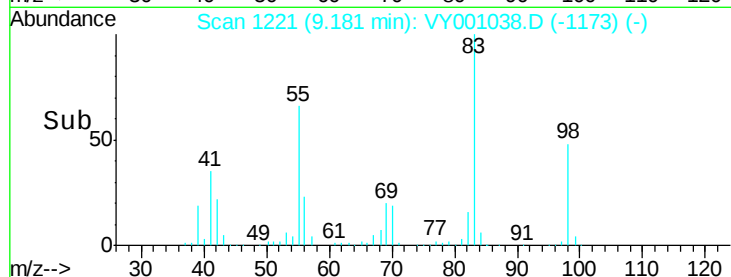
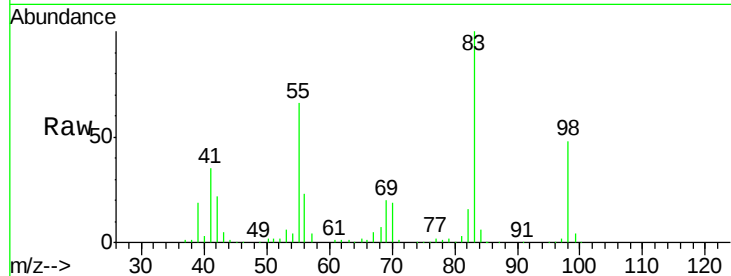
#39
Methvlcvclohexane
Concen: 20.926 ug/l
RT: 9.18 min Scan# 1221
Delta R.T. -0.01 min
Lab File: VY001038.D
Acq: 24 Dec 2019 11:37

Instrument :
MSVOA_Y
ClientSampleId :
VY1224SBS01

Tot Ion	Ratio	Resp	Lower	Upper
83	100	151140		
55	65.8		55.1	82.7
98	47.8		38.3	57.5

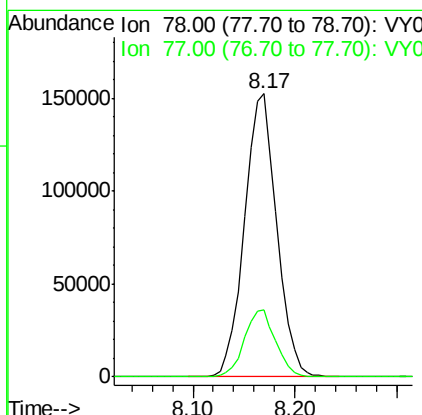
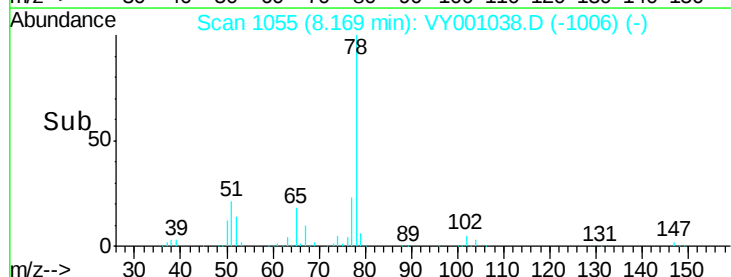
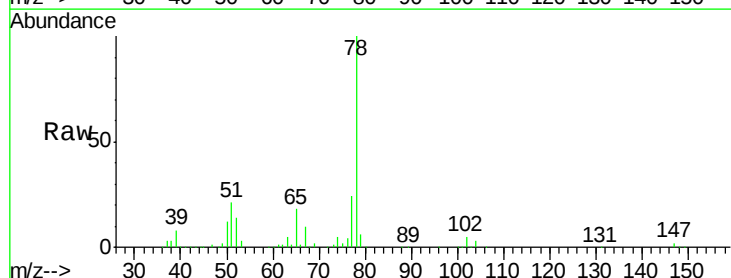
Manual Integrations
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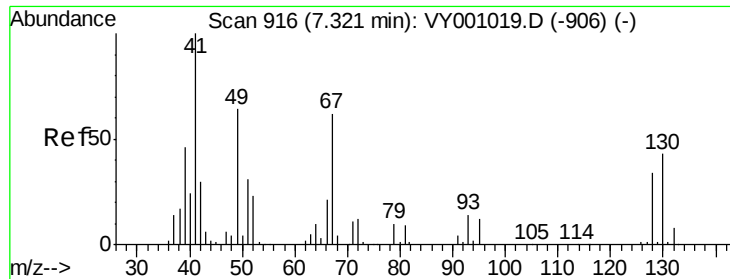
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#40
Benzene
Concen: 20.464 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. 0.00 min
Lab File: VY001038.D
Acq: 24 Dec 2019 11:37

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	335790		
77	23.5		17.7	26.5





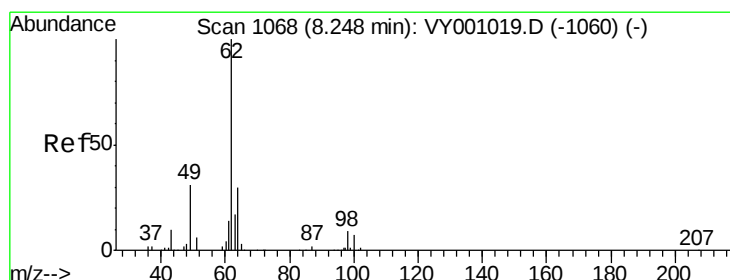
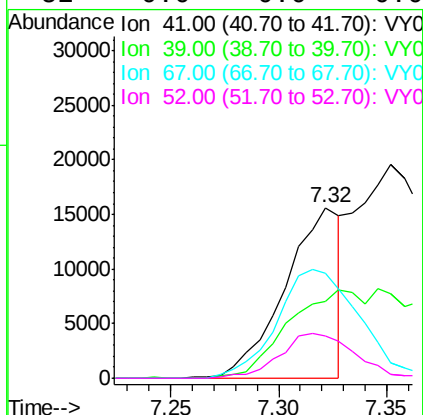
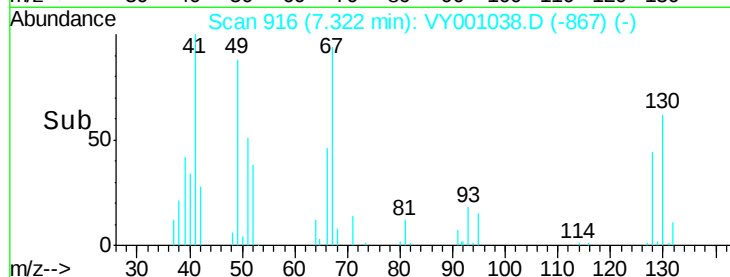
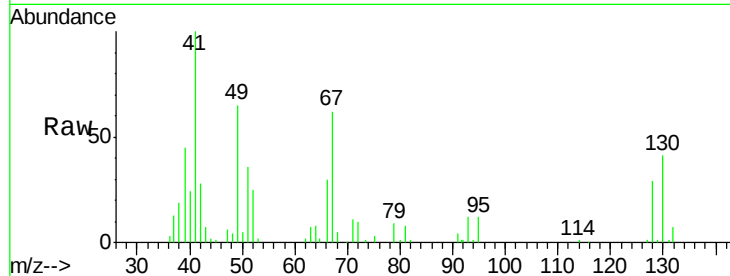
#41
Methacrylonitrile
Concen: 21.727 ug/l m
RT: 7.32 min Scan# 916
Delta R.T. 0.00 min
Lab File: VY001038.D
Acq: 24 Dec 2019 11:37

Instrument :
MSVOA_Y
ClientSampleId :
VY1224SBS01

Tot Ion	41	Resp	28369
Ion Ratio	Lower	Upper	
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

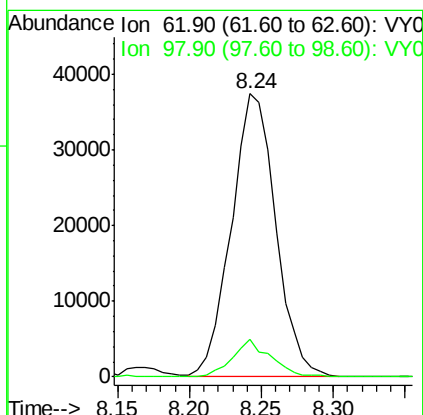
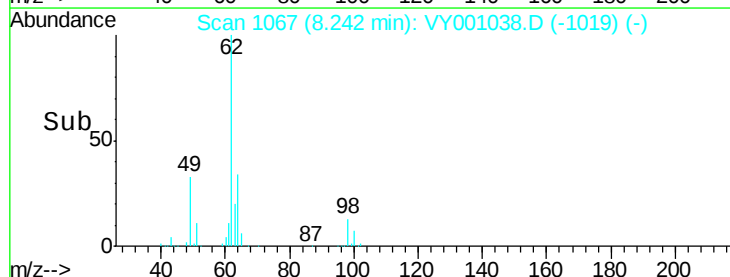
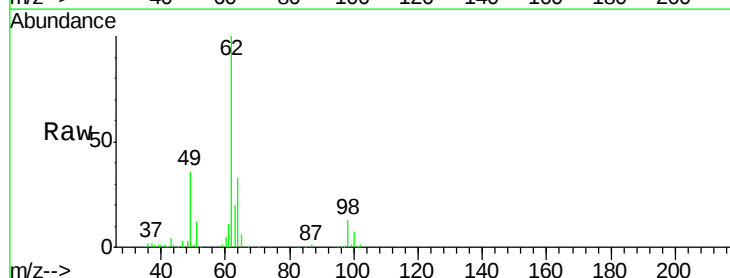
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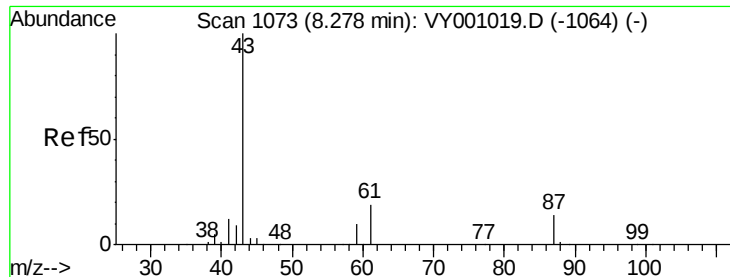
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#42
1,2-Dichloroethane
Concen: 20.464 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.01 min
Lab File: VY001038.D
Acq: 24 Dec 2019 11:37

Tgt Ion	62	Resp	80282
Ion Ratio	Lower	Upper	
62	100		
98	11.4	0.0	23.4





#43

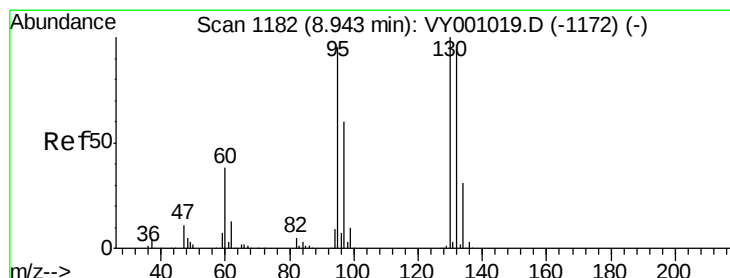
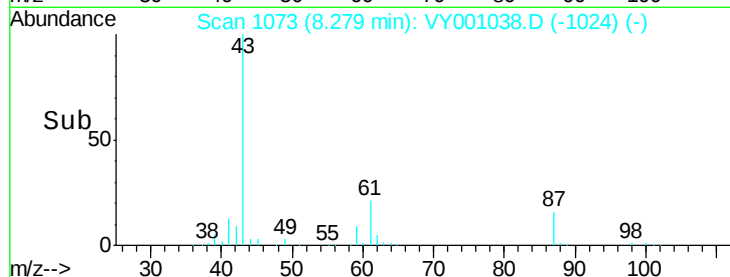
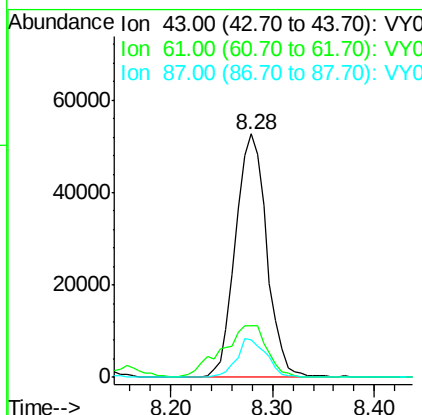
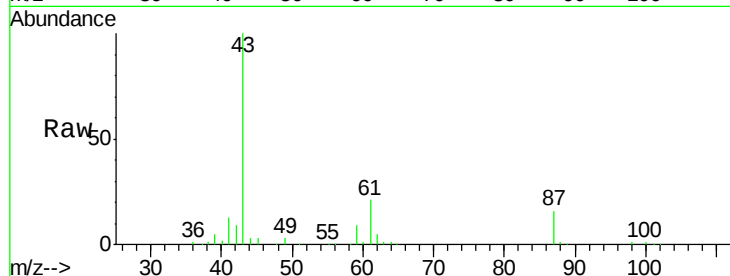
Isopropyl Acetate
 Concen: 20.073 ug/l
 RT: 8.28 min Scan# 1073
 Delta R.T. 0.00 min
 Lab File: VY001038.D
 Acq: 24 Dec 2019 11:37

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1224SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	31.2	25.0	37.6
87	15.1	12.0	18.0

Manual Integrations
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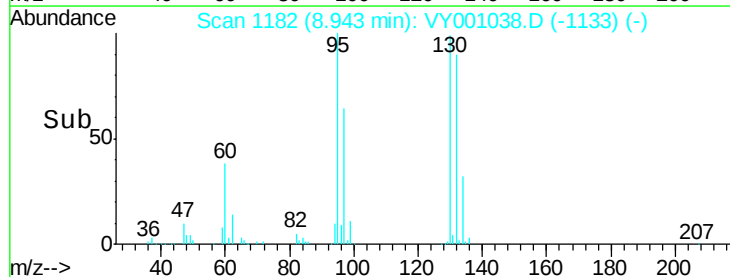
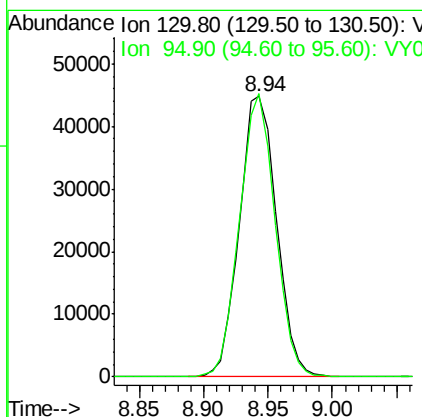
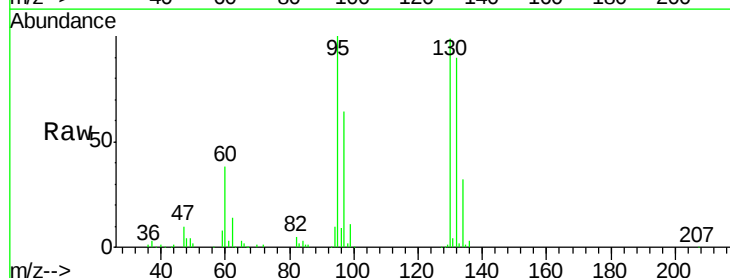
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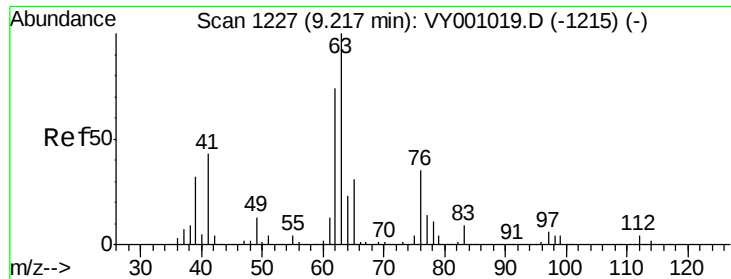


#44

Trichloroethene
 Concen: 20.731 ug/l
 RT: 8.94 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: VY001038.D
 Acq: 24 Dec 2019 11:37

Tgt Ion	Ratio	Lower	Upper
130	100		
95	100.9	0.0	190.6





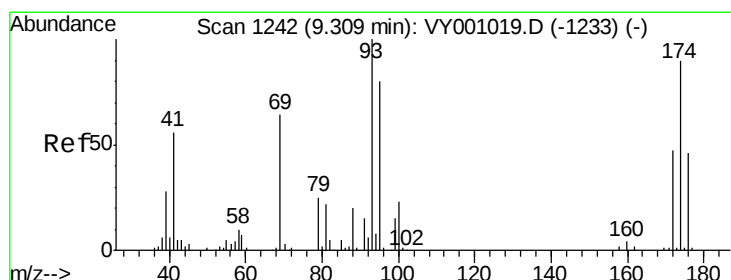
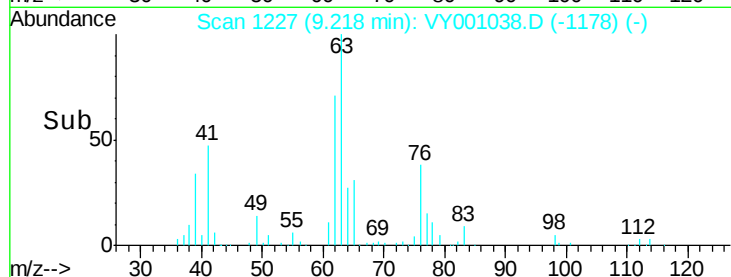
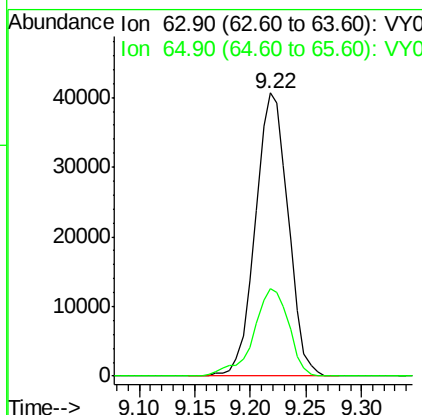
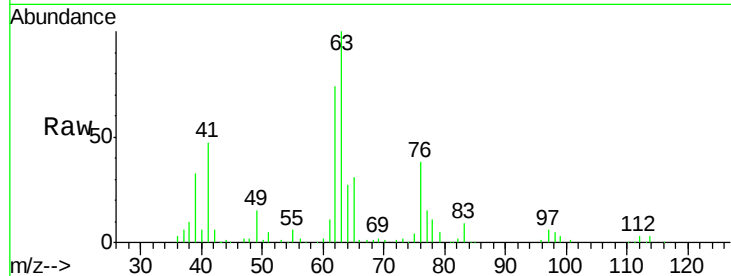
#45
 1,2-Dichloropropane
 Concen: 20.281 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. 0.00 min
 Lab File: VY001038.D
 Acq: 24 Dec 2019 11:37

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1224SBS01

Tot Ion: 63 Resp: 83483
 Ion Ratio Lower Upper
 63 100
 65 31.0 25.1 37.7

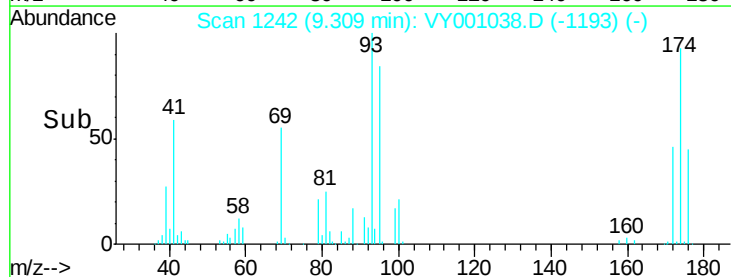
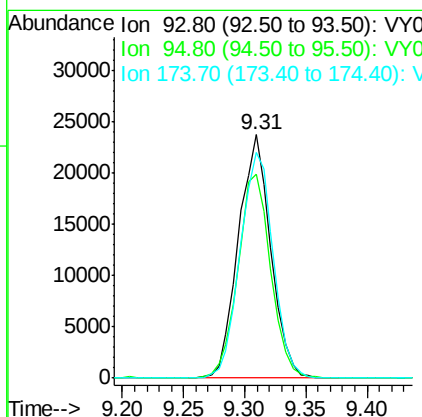
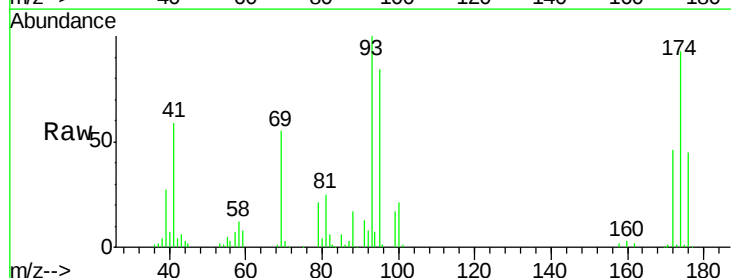
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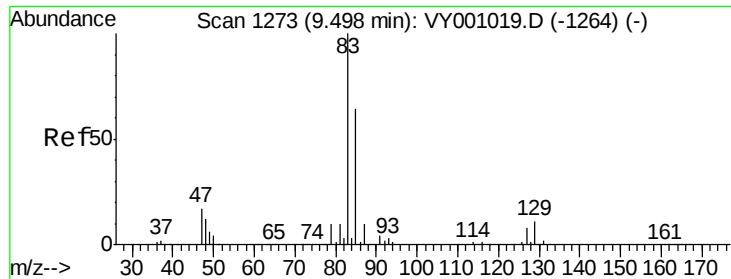
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#46
 Dibromomethane
 Concen: 20.496 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: VY001038.D
 Acq: 24 Dec 2019 11:37

Tgt Ion: 93 Resp: 43492
 Ion Ratio Lower Upper
 93 100
 95 85.2 66.7 100.1
 174 94.8 73.6 110.4





#47

Bromodichloromethane

Concen: 20.287 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VY001038.D

Acq: 24 Dec 2019 11:37

Instrument :

MSVOA_Y

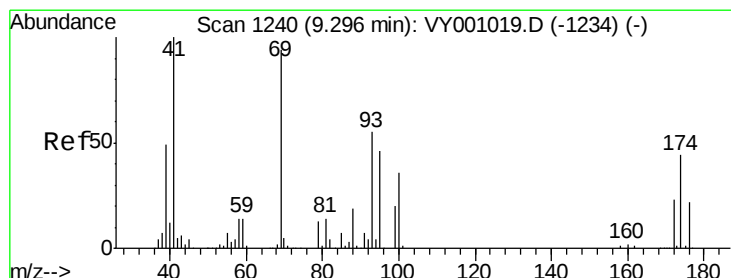
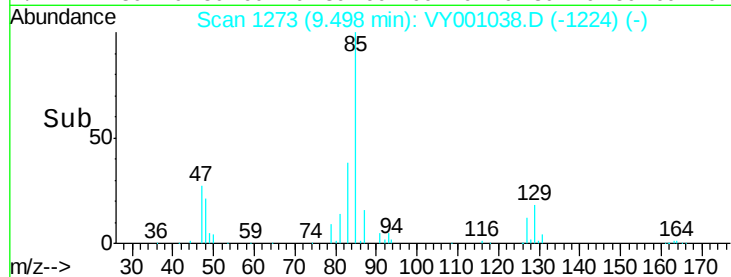
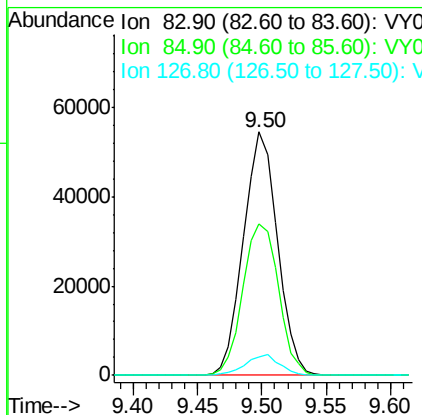
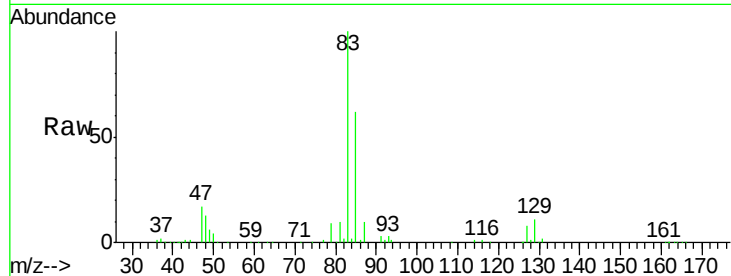
ClientSampleId :

VY1224SBS01

Tot Ion:	83	Resp:	99713
Ion Ratio	Lower	Upper	
83	100		
85	62.0	50.9	76.3
127	7.7	6.4	9.6

Manual Integrations
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#48

Methyl methacrylate

Concen: 21.042 ug/l

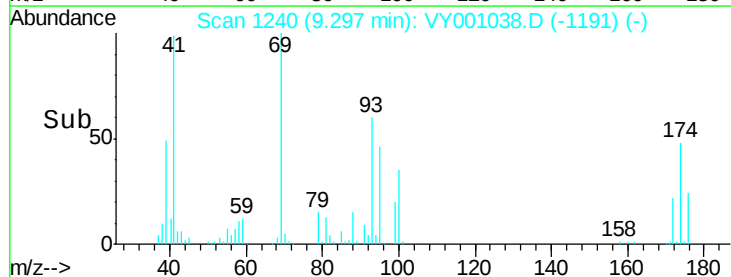
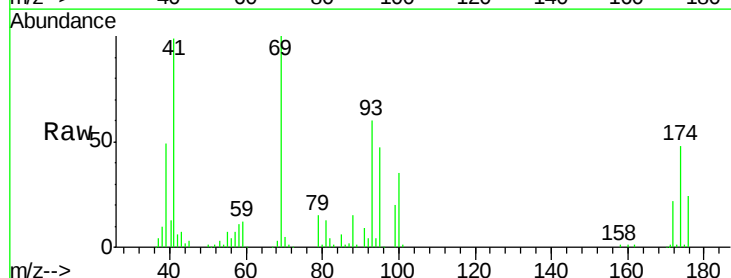
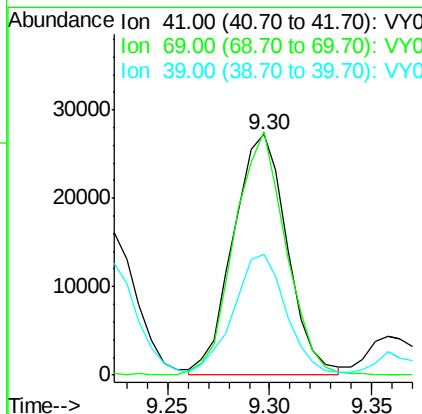
RT: 9.30 min Scan# 1240

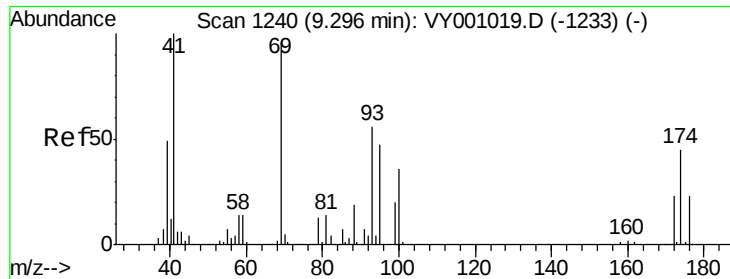
Delta R.T. 0.00 min

Lab File: VY001038.D

Acq: 24 Dec 2019 11:37

Tgt Ion:	41	Resp:	50059
Ion Ratio	Lower	Upper	
41	100		
69	96.4	79.8	119.6
39	47.1	41.7	62.5





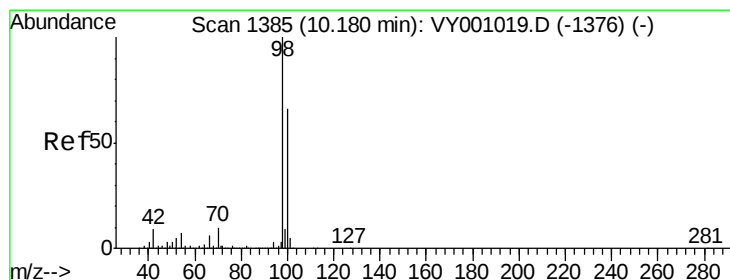
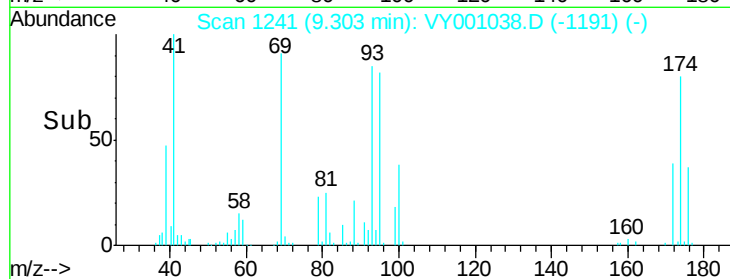
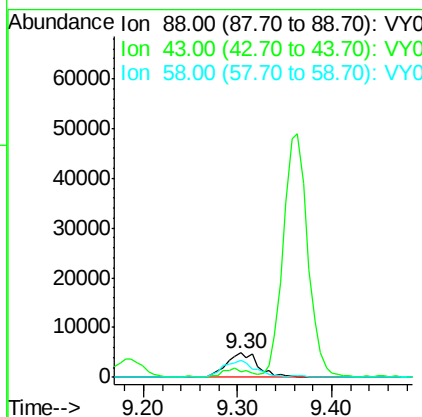
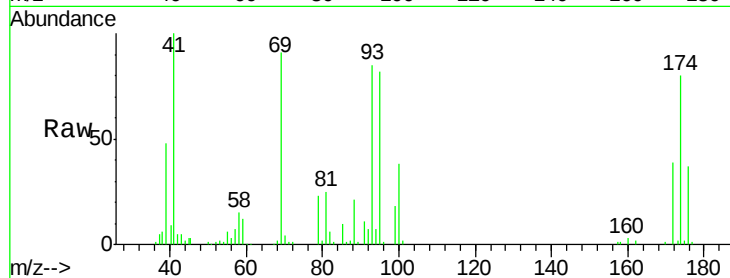
#49
1,4-Dioxane
Concen: 379.120 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. 0.01 min
Lab File: VY001038.D
Acq: 24 Dec 2019 11:37

Instrument :
MSVOA_Y
ClientSampleId :
VY1224SBS01

Tot Ion	88	Resp	11768
Ion	Ratio	Lower	Upper
88	100		
43	25.5	23.0	34.4
58	67.9	54.9	82.3

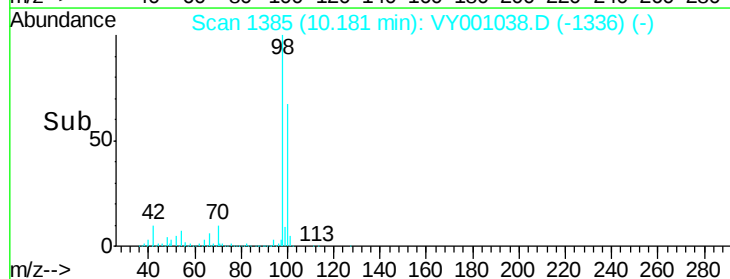
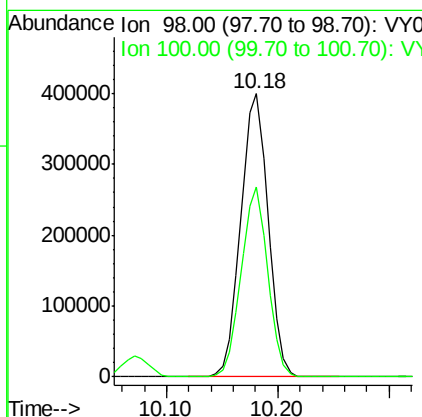
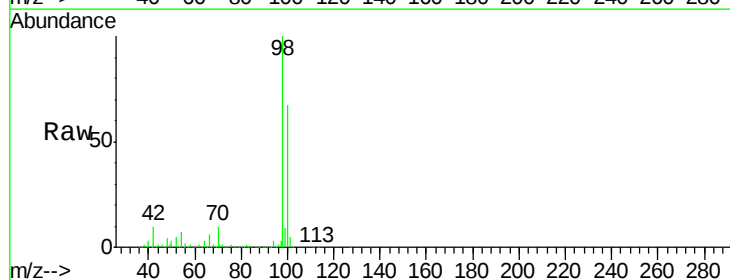
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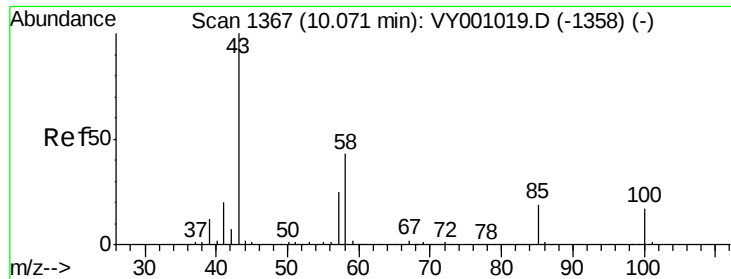
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#50
Toluene-d8
Concen: 51.934 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY001038.D
Acq: 24 Dec 2019 11:37

Tgt Ion	98	Resp	681365
Ion	Ratio	Lower	Upper
98	100		
100	65.1	53.0	79.4





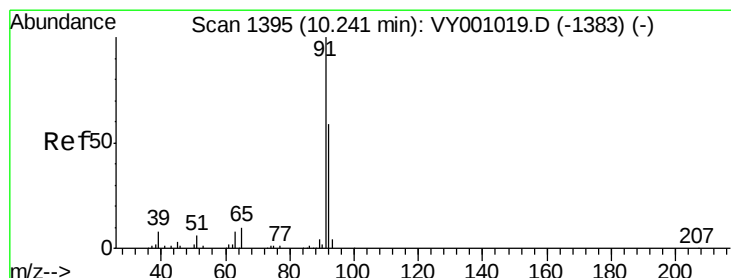
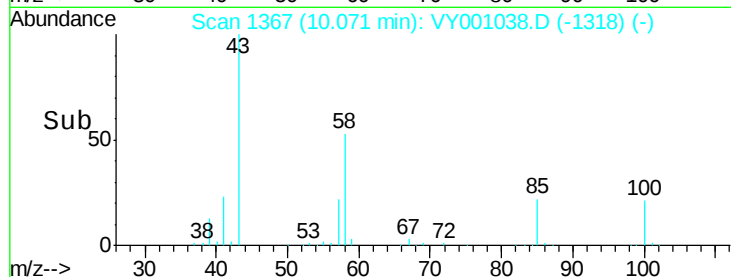
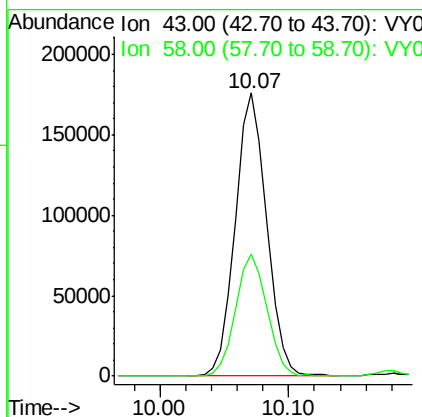
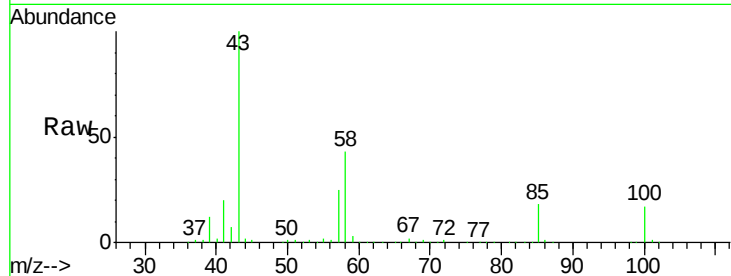
#51
4-Methyl-2-Pentanone
Concen: 102.221 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VY001038.D
Acq: 24 Dec 2019 11:37

Instrument :
MSVOA_Y
ClientSampleId :
VY1224SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	43.1	34.6	52.0

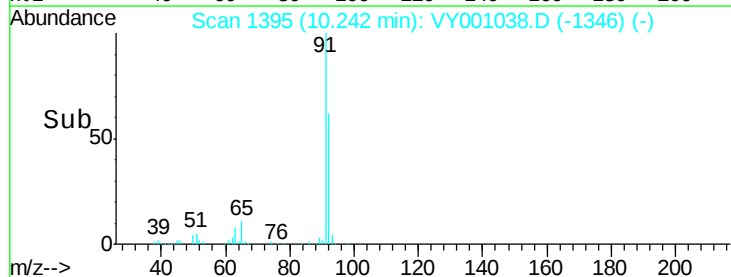
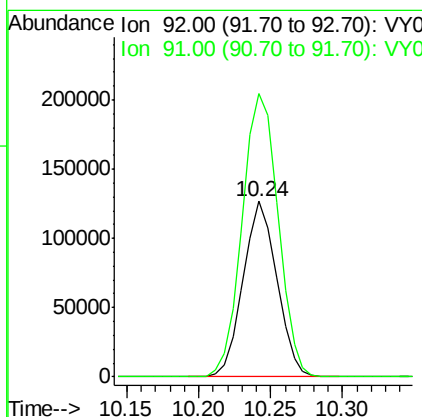
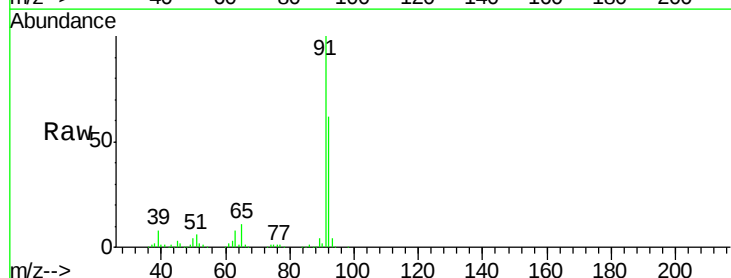
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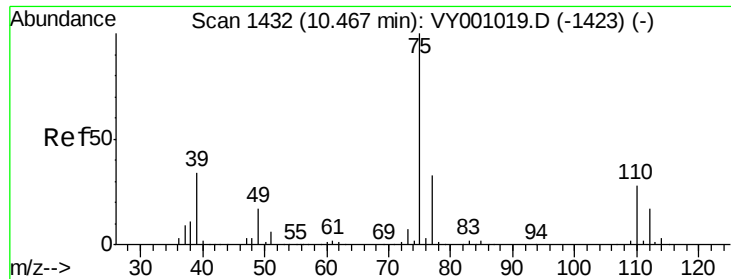
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#52
Toluene
Concen: 20.450 ug/l
RT: 10.24 min Scan# 1395
Delta R.T. 0.00 min
Lab File: VY001038.D
Acq: 24 Dec 2019 11:37

Tgt Ion	Ratio	Lower	Upper
92	100		
91	171.1	135.7	203.5





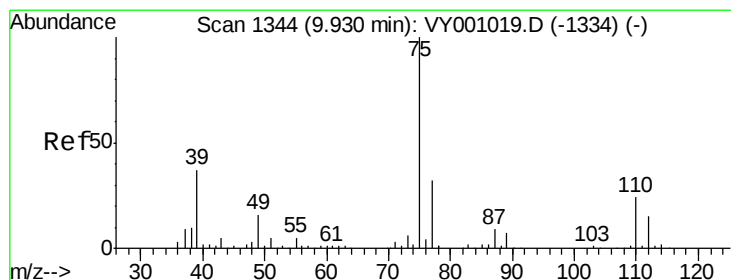
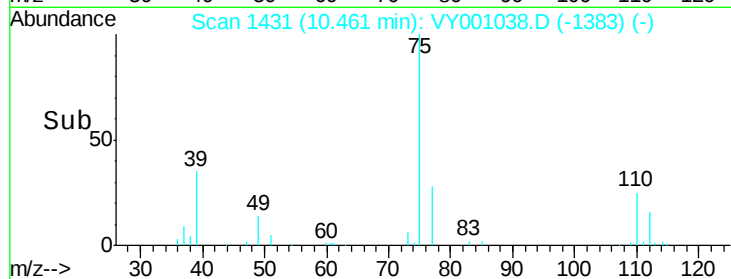
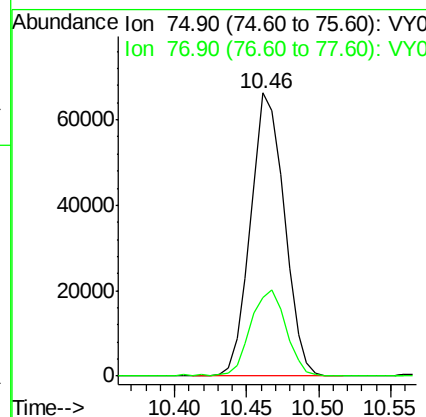
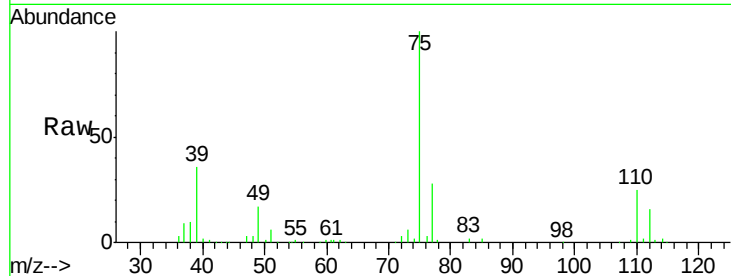
#53
 t-1,3-Dichloropropene
 Concen: 20.115 ug/l
 RT: 10.46 min Scan# 1431
 Delta R.T. -0.01 min
 Lab File: VY001038.D
 Acq: 24 Dec 2019 11:37

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1224SBS01

Tot Ion: 75 Resp: 107302
 Ion Ratio Lower Upper
 75 100
 77 27.9 26.5 39.7

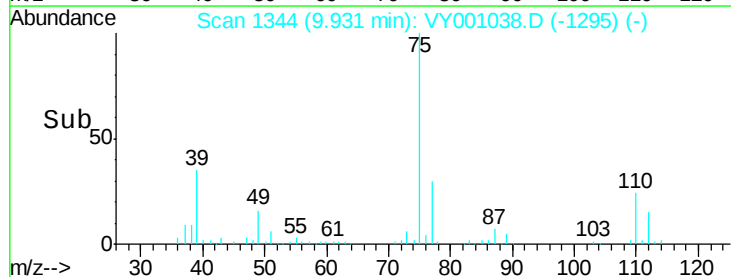
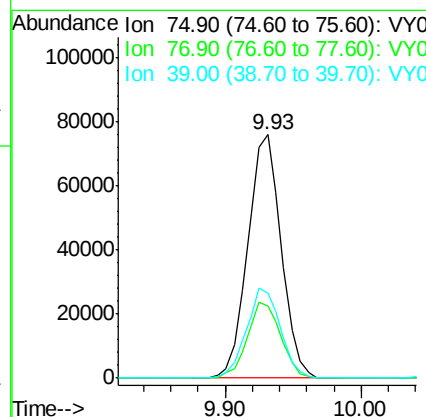
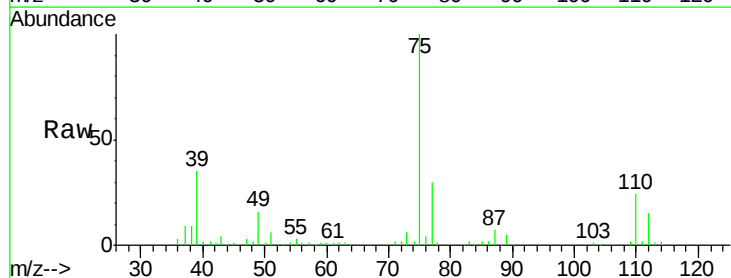
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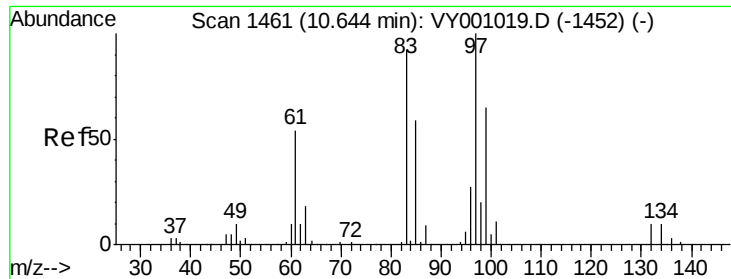
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#54
 cis-1,3-Dichloropropene
 Concen: 20.280 ug/l
 RT: 9.93 min Scan# 1344
 Delta R.T. 0.00 min
 Lab File: VY001038.D
 Acq: 24 Dec 2019 11:37

Tgt Ion: 75 Resp: 130085
 Ion Ratio Lower Upper
 75 100
 77 29.6 25.2 37.8
 39 35.0 29.5 44.3





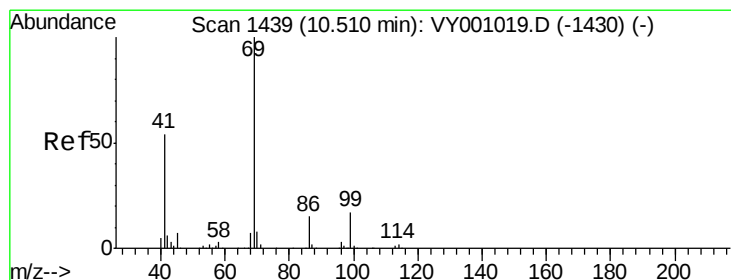
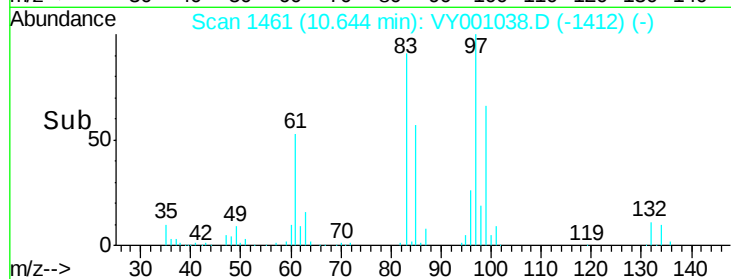
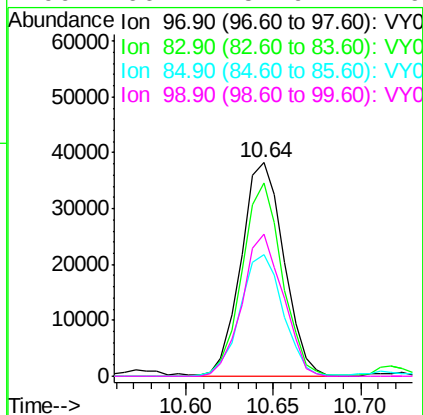
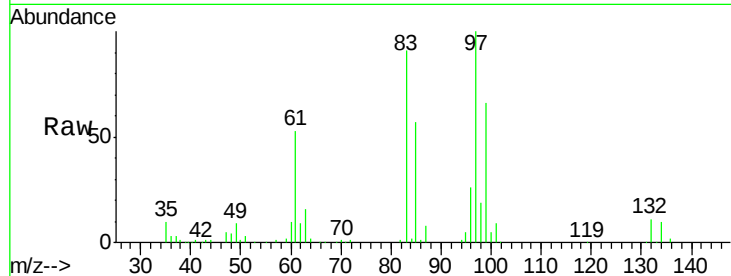
#55
 1,1,2-Trichloroethane
 Concen: 20.550 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY001038.D
 Acq: 24 Dec 2019 11:37

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1224SBS01

Tot Ion	Ratio	Lower	Upper
97	100		
83	90.8	73.7	110.5
85	56.9	47.3	70.9
99	66.4	51.9	77.9

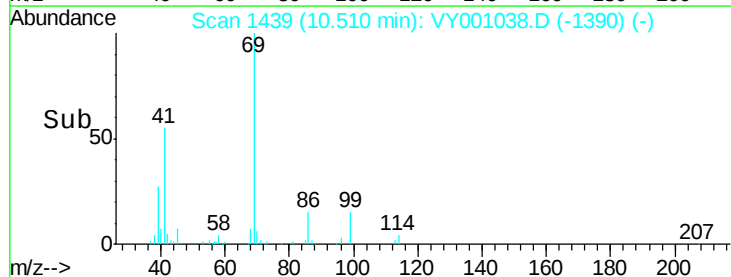
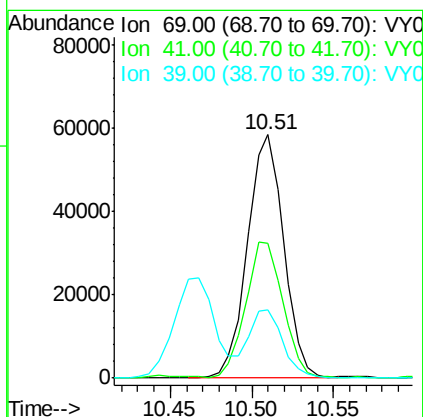
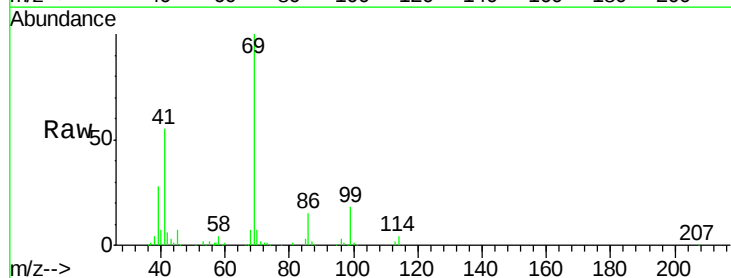
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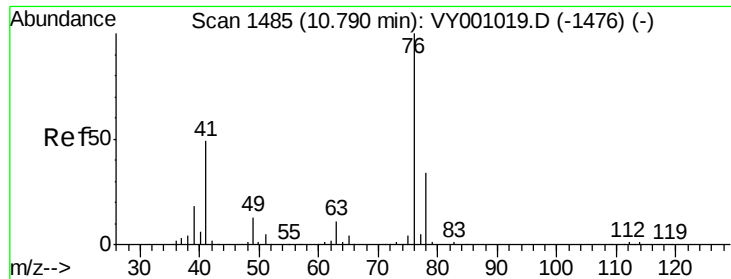
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#56
 Ethyl methacrylate
 Concen: 20.192 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY001038.D
 Acq: 24 Dec 2019 11:37

Tgt Ion	Ratio	Lower	Upper
69	100		
41	57.2	44.7	67.1
39	27.7	22.2	33.4





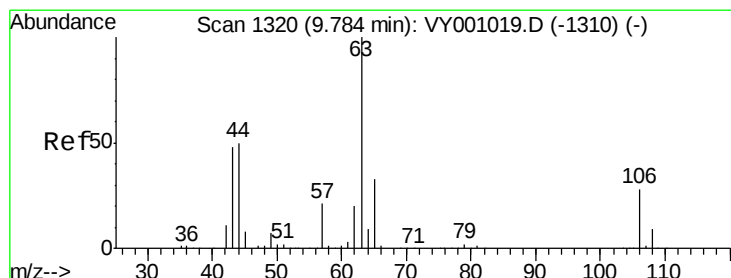
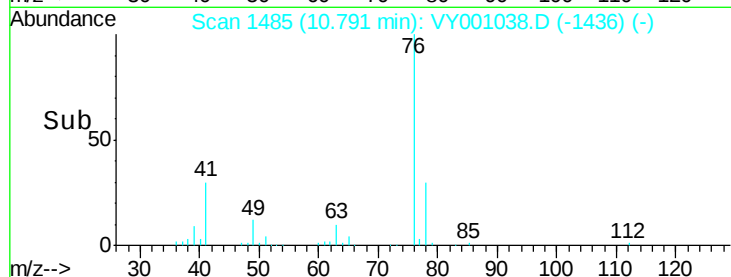
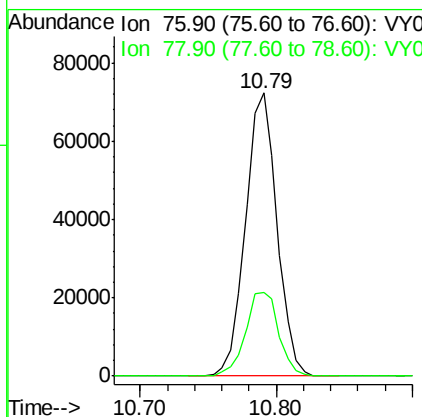
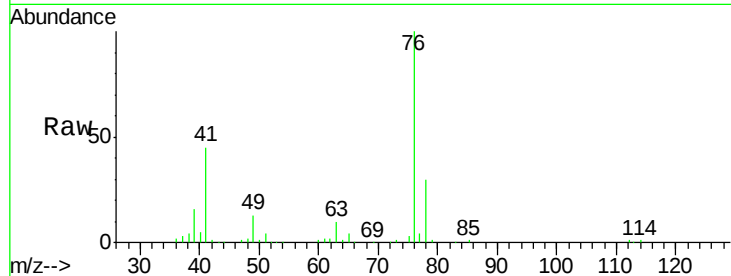
#57
 1,3-Dichloropropane
 Concen: 21.075 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. 0.00 min
 Lab File: VY001038.D
 Acq: 24 Dec 2019 11:37

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1224SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	31.2	25.8	38.8

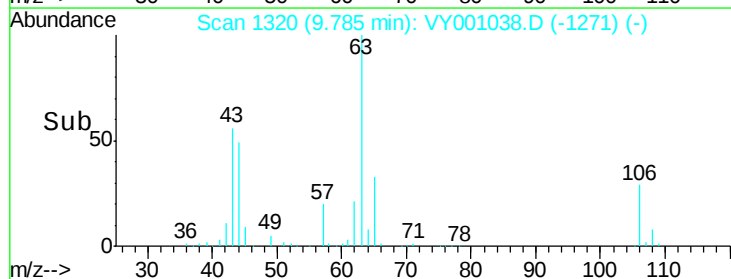
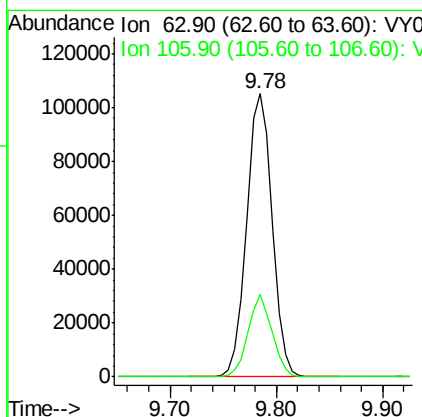
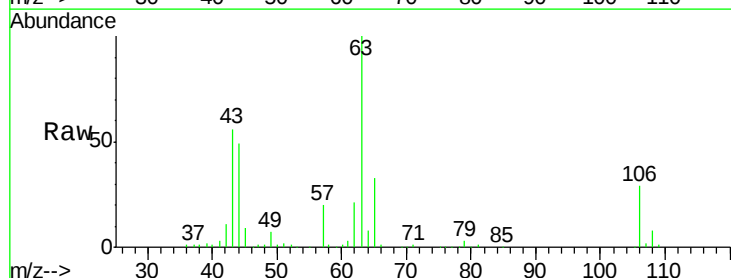
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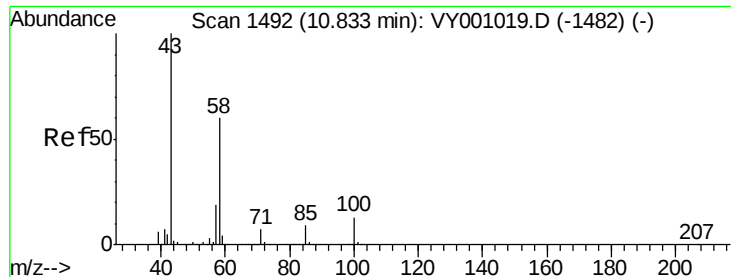
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#58
 2-Chloroethyl Vinyl ether
 Concen: 101.471 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. 0.00 min
 Lab File: VY001038.D
 Acq: 24 Dec 2019 11:37

Tgt Ion	Ratio	Lower	Upper
63	100		
106	27.3	22.7	34.1





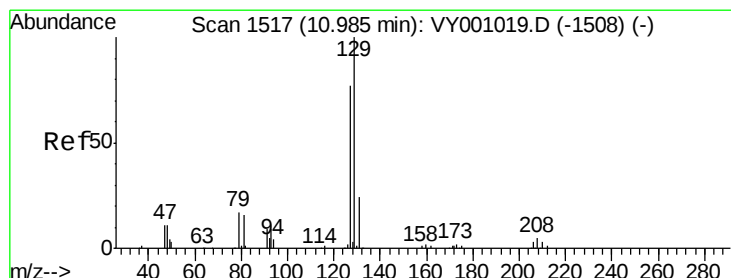
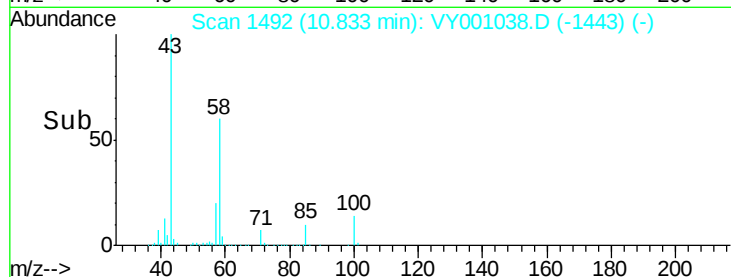
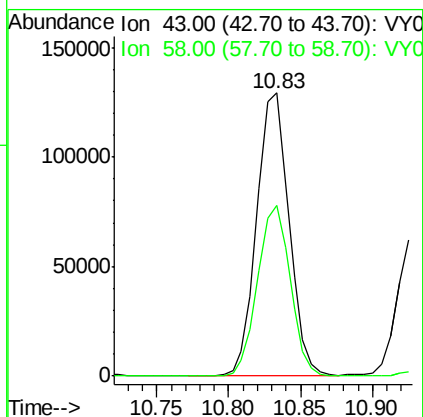
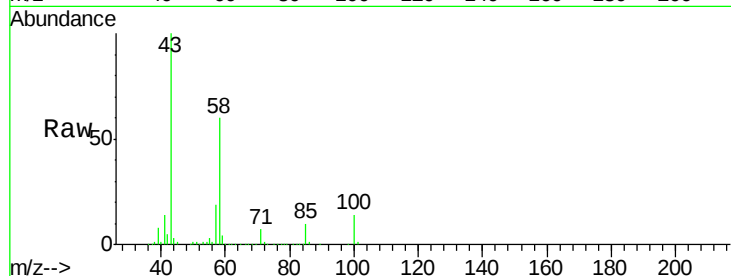
#59
2-Hexanone
Concen: 99.884 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY001038.D
Acq: 24 Dec 2019 11:37

Instrument :
MSVOA_Y
ClientSampleId :
VY1224SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	60.8	30.6	91.6

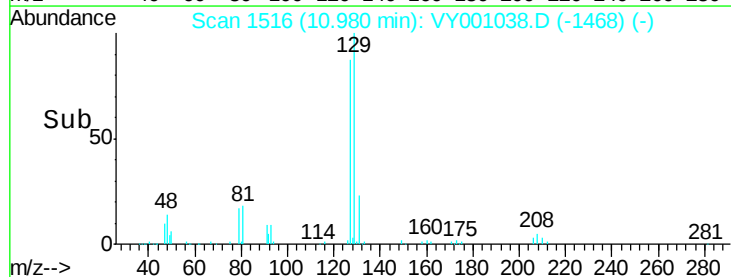
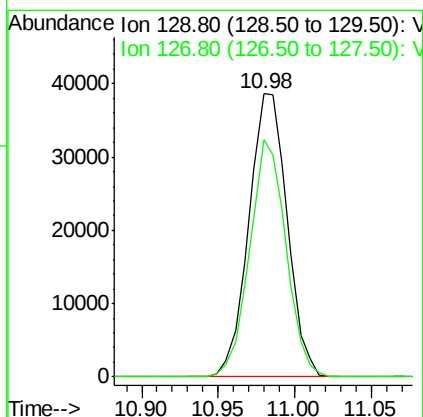
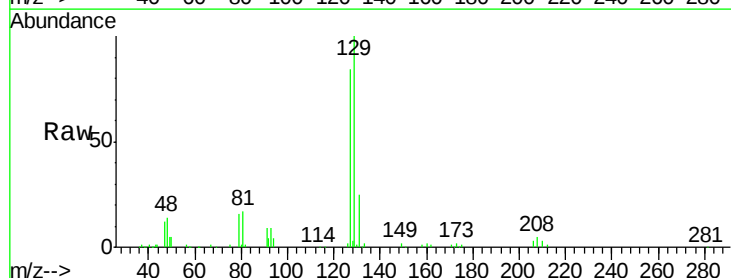
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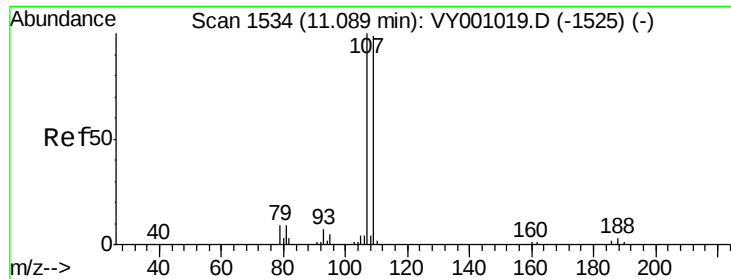
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#60
Dibromochloromethane
Concen: 19.932 ug/l
RT: 10.98 min Scan# 1516
Delta R.T. -0.01 min
Lab File: VY001038.D
Acq: 24 Dec 2019 11:37

Tgt Ion	Ratio	Lower	Upper
129	100		
127	79.3	39.1	117.3





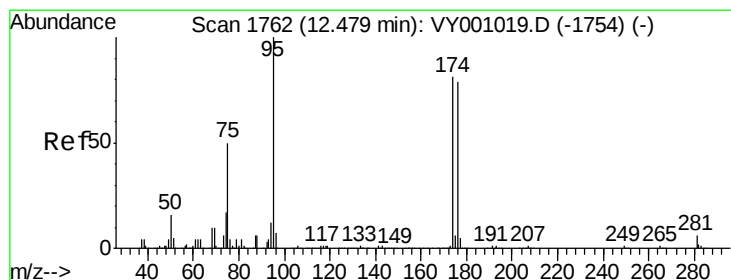
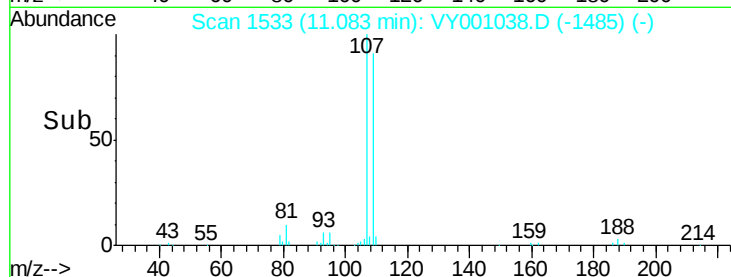
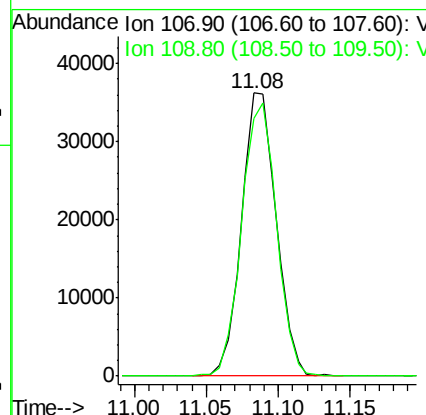
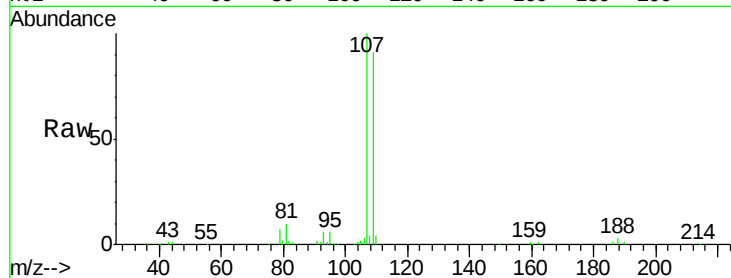
#61
 1,2-Dibromoethane
 Concen: 20.007 ug/l
 RT: 11.08 min Scan# 1533
 Delta R.T. -0.01 min
 Lab File: VY001038.D
 Acq: 24 Dec 2019 11:37

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1224SBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	97.0	74.8	112.2

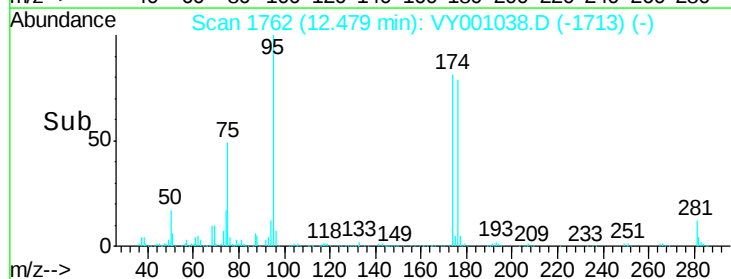
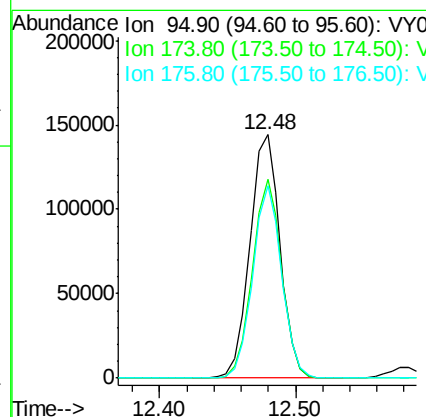
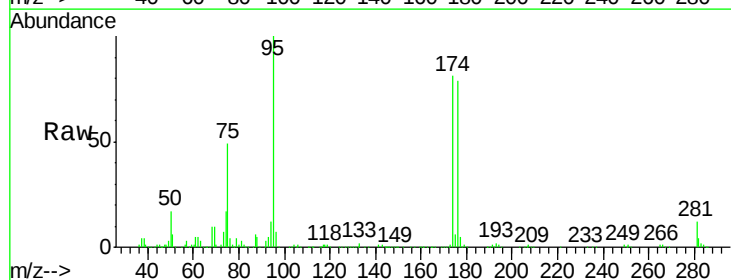
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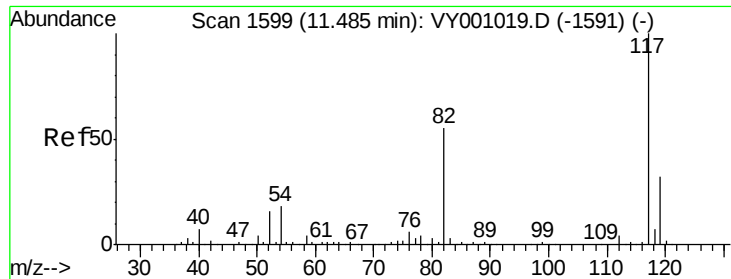
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#62
 4-Bromofluorobenzene
 Concen: 46.705 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY001038.D
 Acq: 24 Dec 2019 11:37

Tgt Ion	Ratio	Lower	Upper
95	100		
174	79.1	0.0	156.4
176	76.0	0.0	155.0





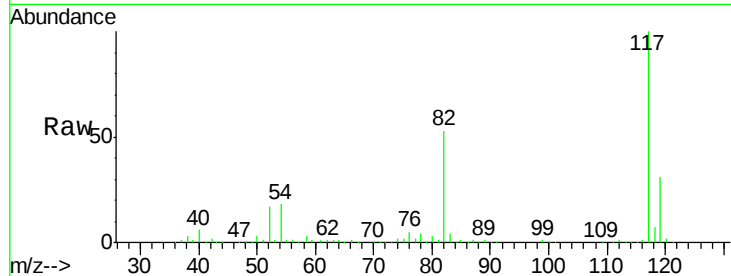
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VY001038.D
Acq: 24 Dec 2019 11:37

Instrument :
MSVOA_Y
ClientSampleId :
VY1224SBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	505529		
82	52.8		43.8	65.8
119	30.8		25.8	38.6

Manual Integrations
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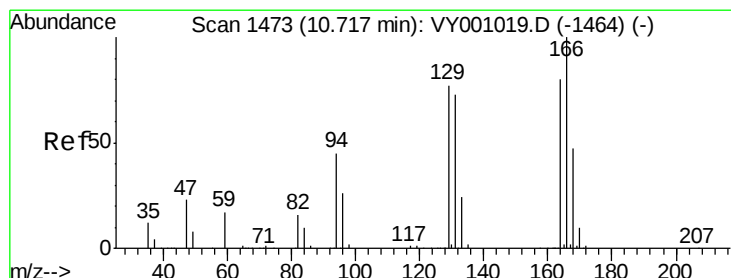
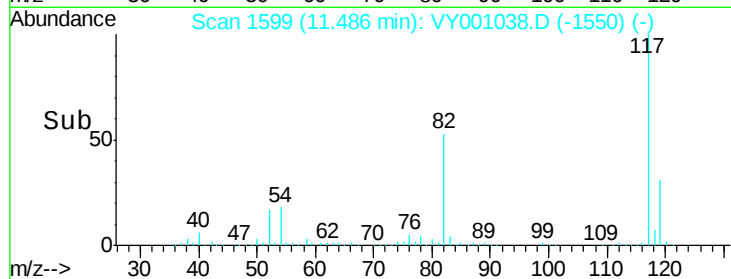
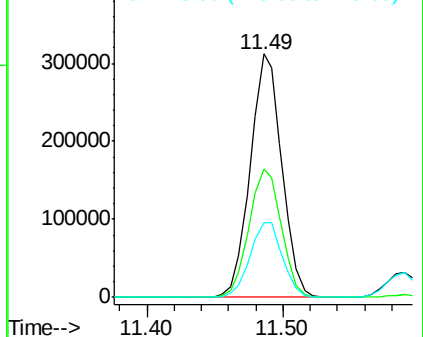


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VY0

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 20.575 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY001038.D
Acq: 24 Dec 2019 11:37

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	89996		
166	129.0		99.7	149.5
129	95.1		76.9	115.3
131	88.9		72.3	108.5

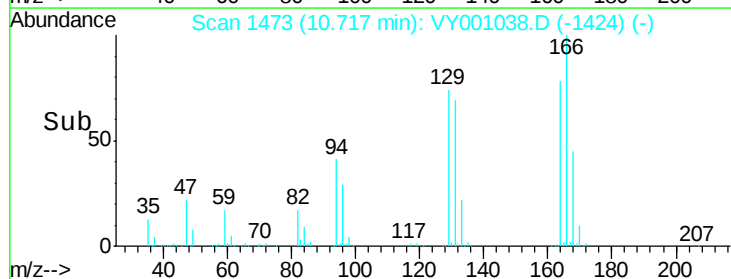
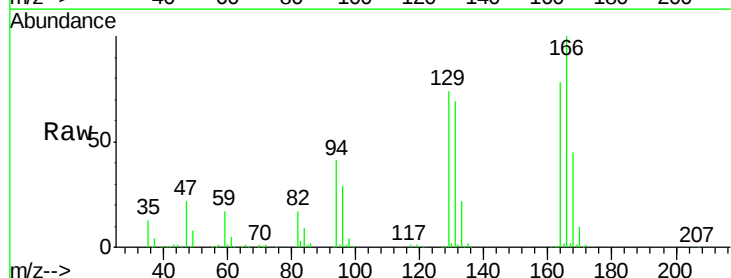
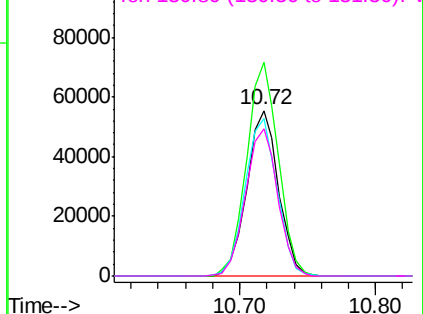
Abundance

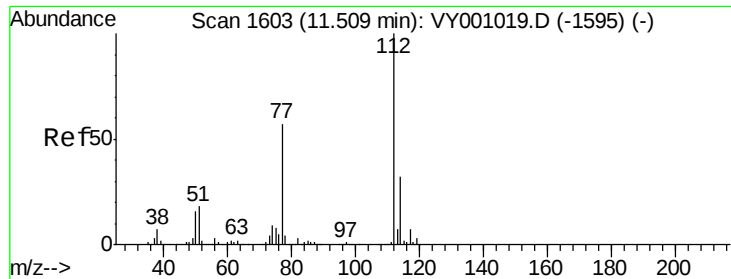
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





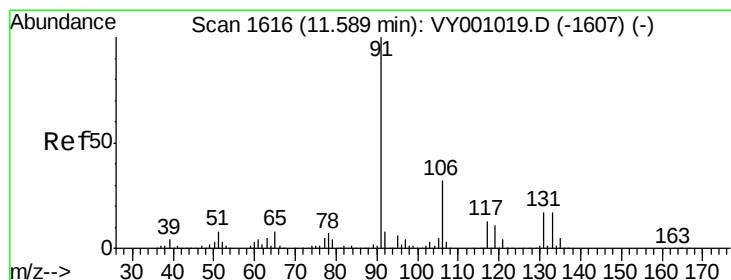
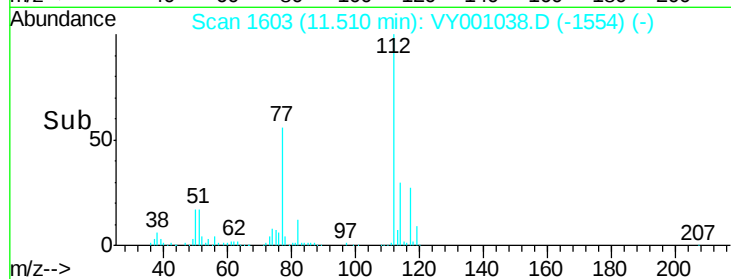
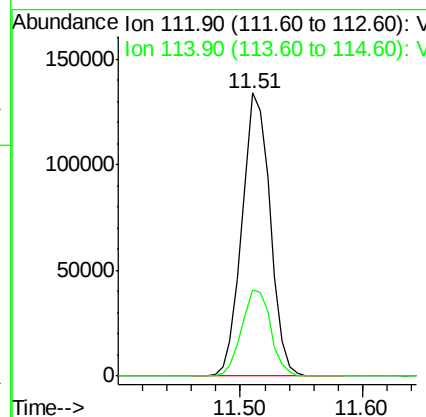
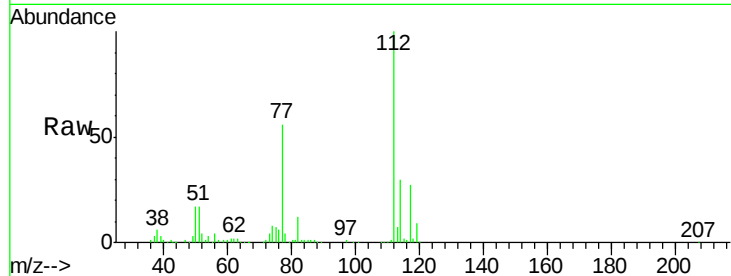
#65
Chlorobenzene
Concen: 20.287 ug/l
RT: 11.51 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VY001038.D
Acq: 24 Dec 2019 11:37

Instrument :
MSVOA_Y
ClientSampleId :
VY1224SBS01

Tot Ion:112 Resp: 212739
Ion Ratio Lower Upper
112 100
114 30.5 25.4 38.2

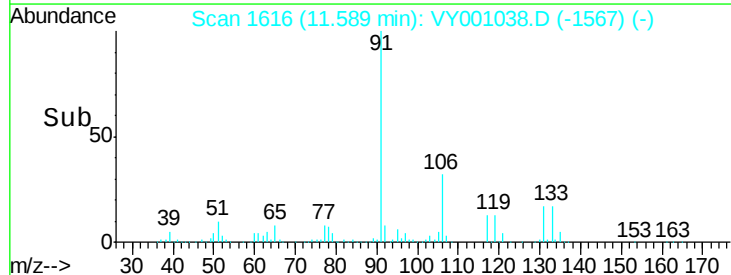
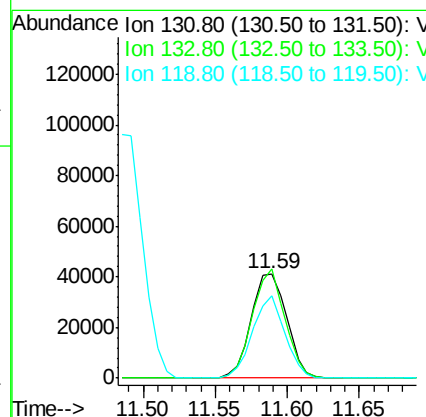
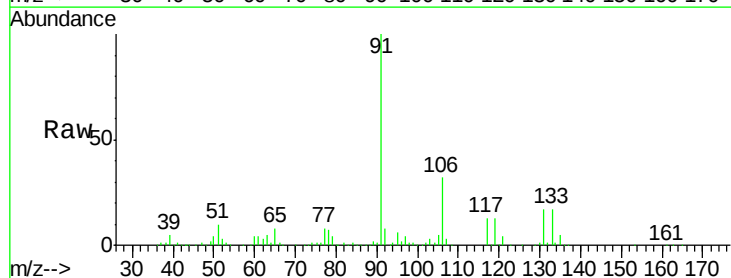
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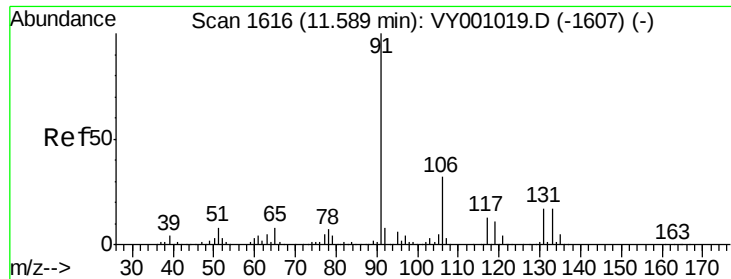
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.370 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY001038.D
Acq: 24 Dec 2019 11:37

Tgt Ion:131 Resp: 70491
Ion Ratio Lower Upper
131 100
133 95.5 48.1 144.4
119 71.7 34.0 101.8





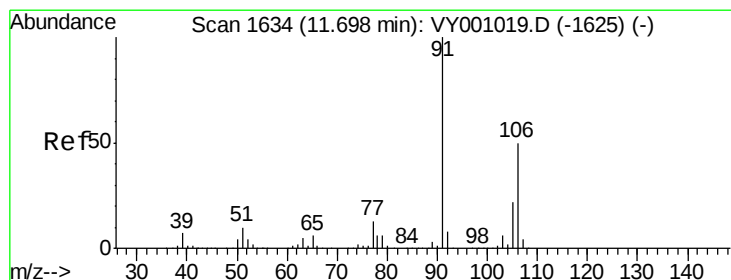
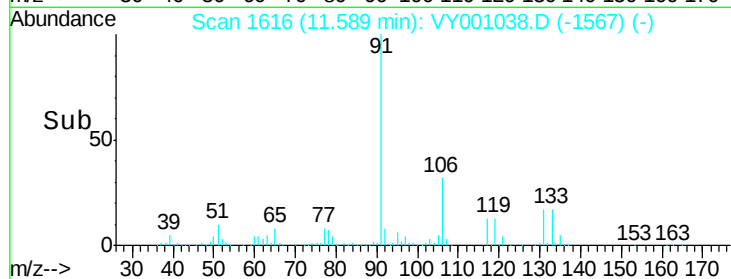
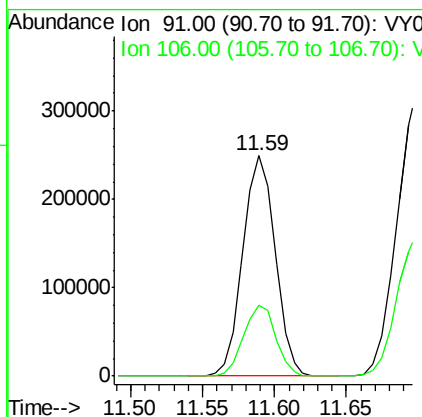
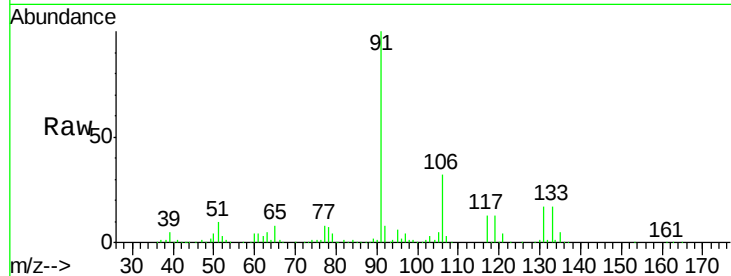
#67
Ethyl Benzene
Concen: 20.615 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY001038.D
Acq: 24 Dec 2019 11:37

Instrument :
MSVOA_Y
ClientSampleId :
VY1224SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
106	32.1	25.3	37.9

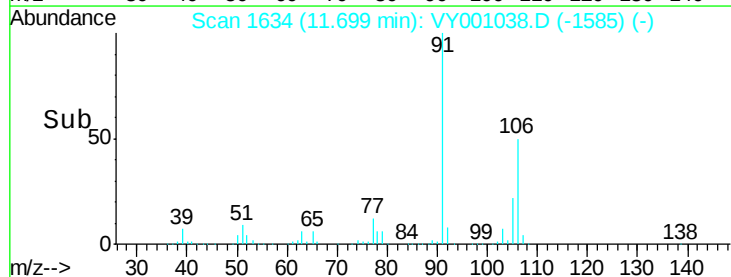
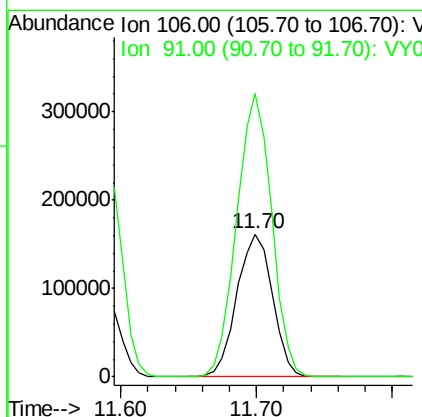
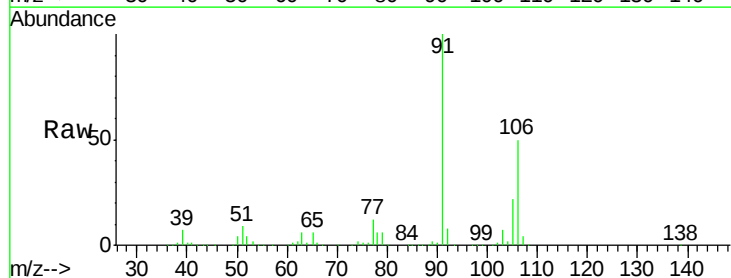
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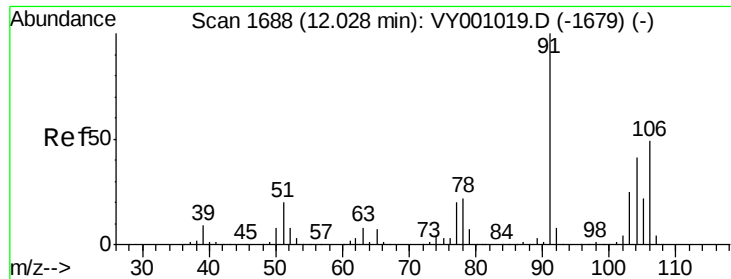
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#68
m/p-Xylenes
Concen: 41.262 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VY001038.D
Acq: 24 Dec 2019 11:37

Tgt Ion	Ratio	Lower	Upper
106	100		
91	195.2	156.4	234.6





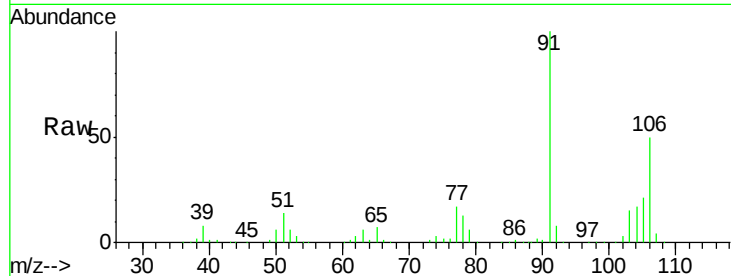
#69
o-Xylene
Concen: 20.894 ug/l
RT: 12.02 min Scan# 1687
Delta R.T. -0.01 min
Lab File: VY001038.D
Acq: 24 Dec 2019 11:37

Instrument :
MSVOA_Y
ClientSampleId :
VY1224SBS01

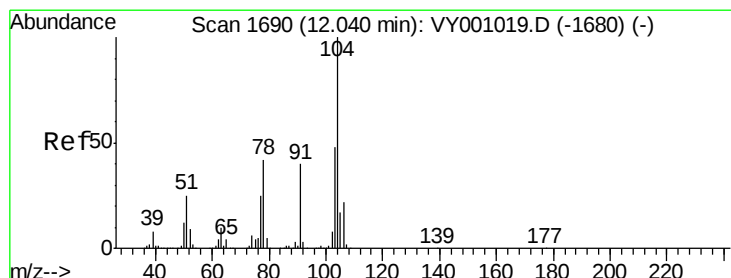
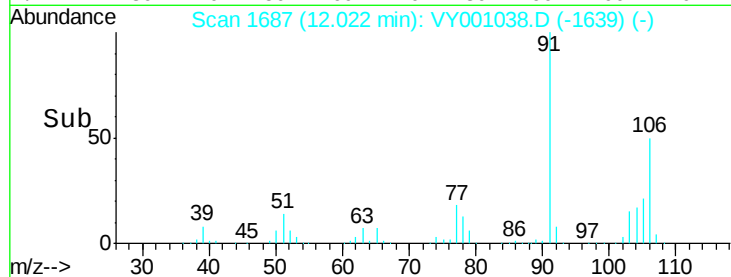
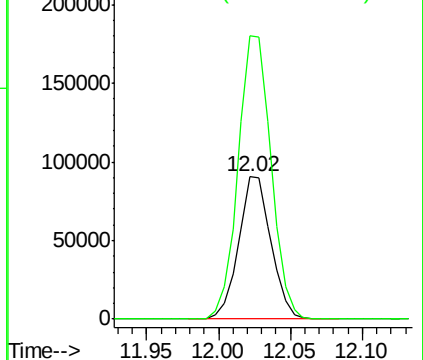
Tot Ion:106 Resp: 140774
Ion Ratio Lower Upper
106 100
91 203.5 103.0 309.0

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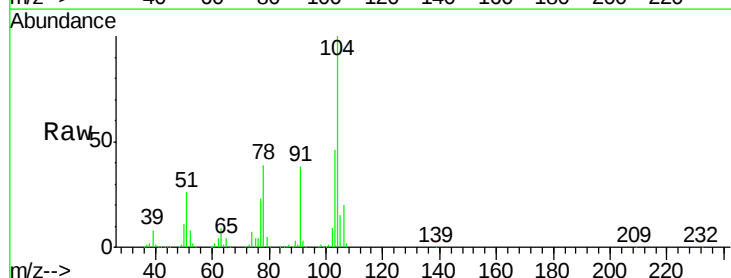


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0

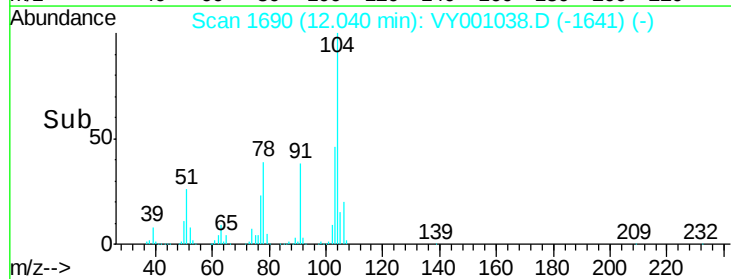
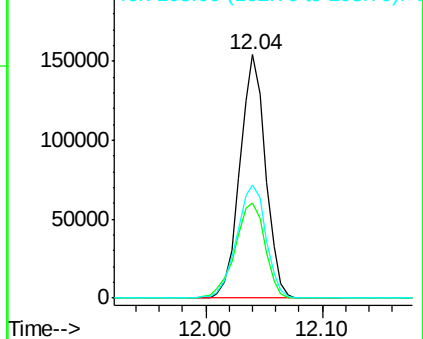


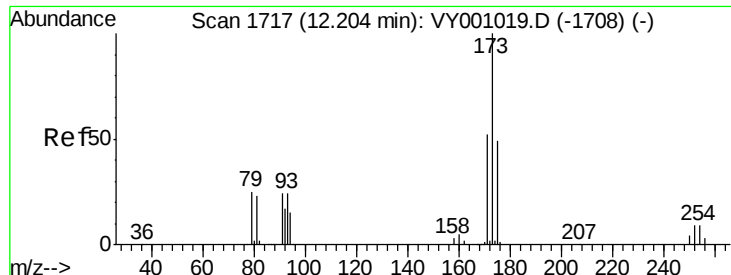
#70
Styrene
Concen: 20.670 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY001038.D
Acq: 24 Dec 2019 11:37

Tgt Ion:104 Resp: 236798
Ion Ratio Lower Upper
104 100
78 45.5 36.6 54.8
103 53.1 42.6 64.0



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





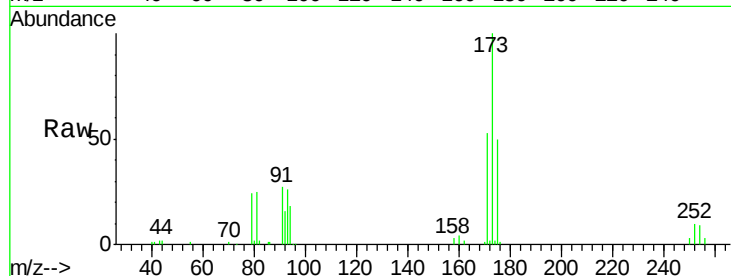
#71
Bromoform
Concen: 20.147 ug/l
RT: 12.20 min Scan# 1717
Delta R.T. 0.00 min
Lab File: VY001038.D
Acq: 24 Dec 2019 11:37

Instrument :
MSVOA_Y
ClientSampleId :
VY1224SBS01

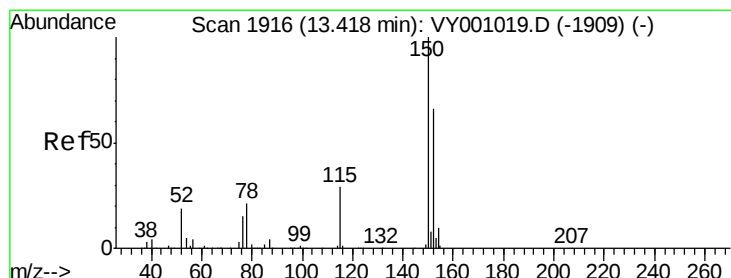
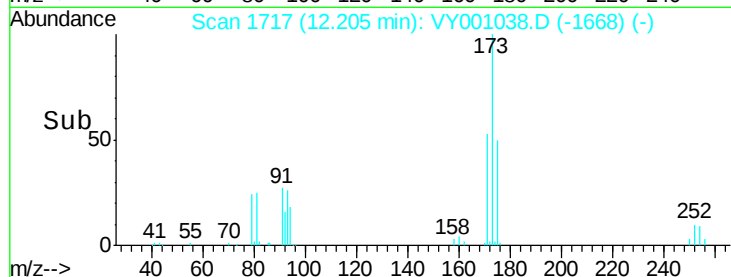
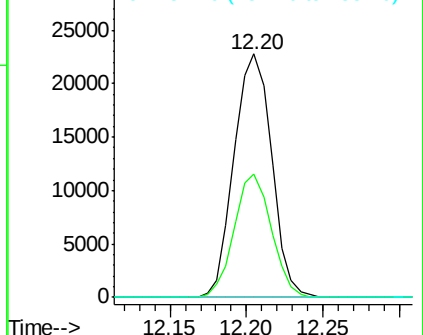
Tot Ion	Ratio	Lower	Upper
173	100		
175	50.1	24.5	73.5
254	0.0	0.0	0.0

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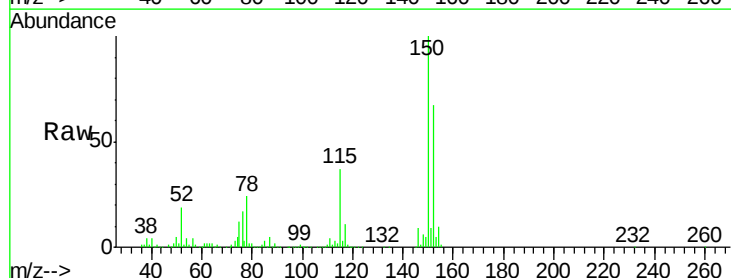


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

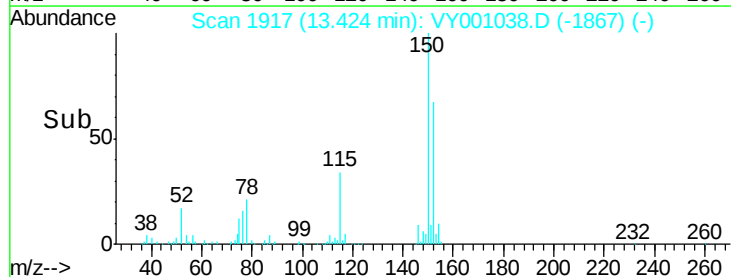
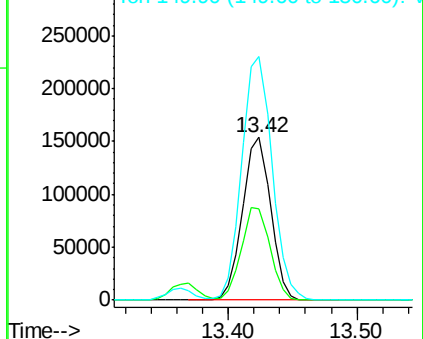


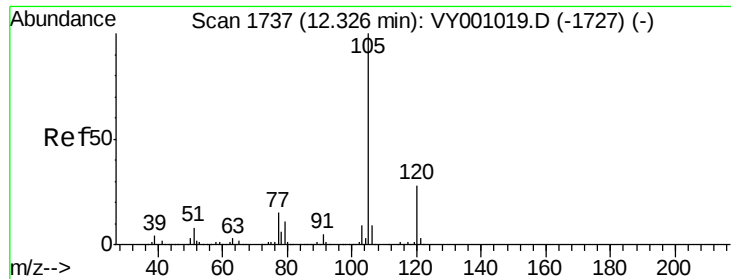
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.01 min
Lab File: VY001038.D
Acq: 24 Dec 2019 11:37

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.2	29.8	89.3
150	161.6	0.0	352.6



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





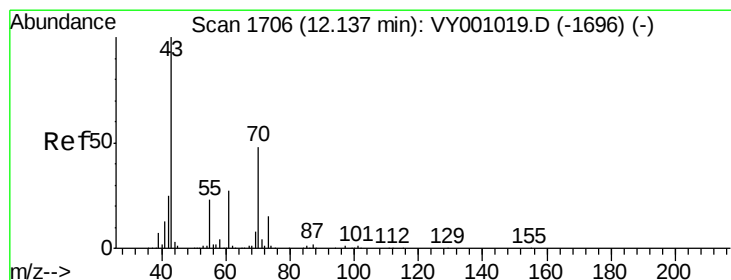
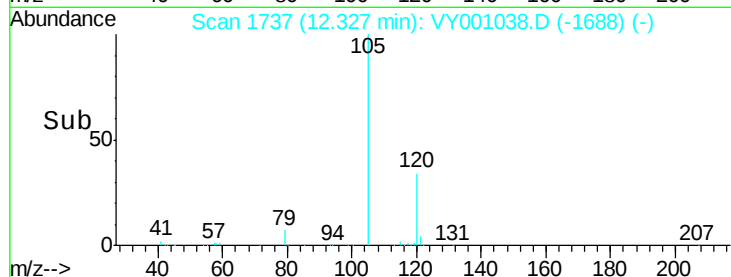
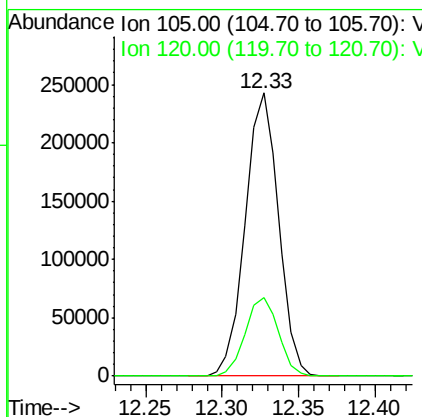
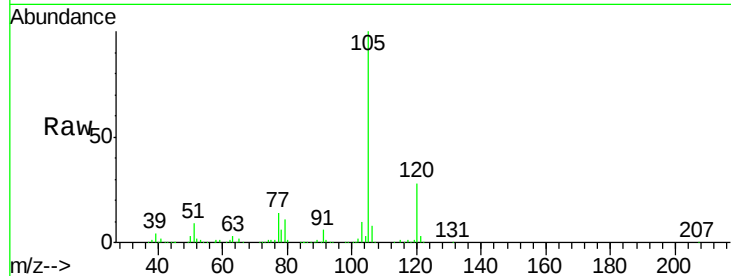
#73
Isopropylbenzene
Concen: 20.407 ug/l
RT: 12.33 min Scan# 1737
Delta R.T. 0.00 min
Lab File: VY001038.D
Acq: 24 Dec 2019 11:37

Instrument :
MSVOA_Y
ClientSampleId :
VY1224SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
120	27.5	13.4	40.2

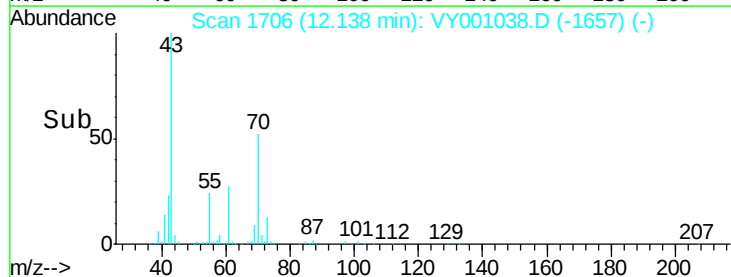
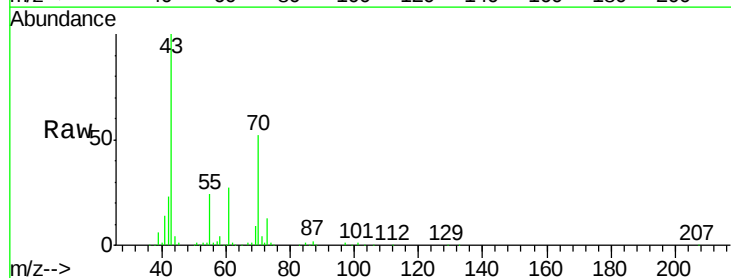
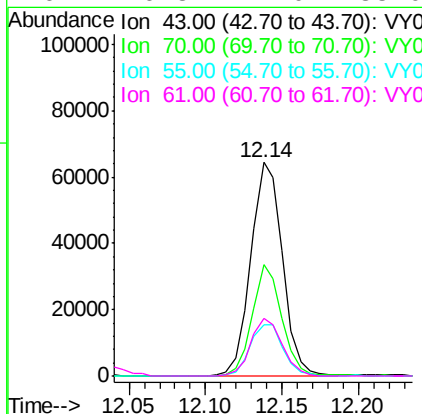
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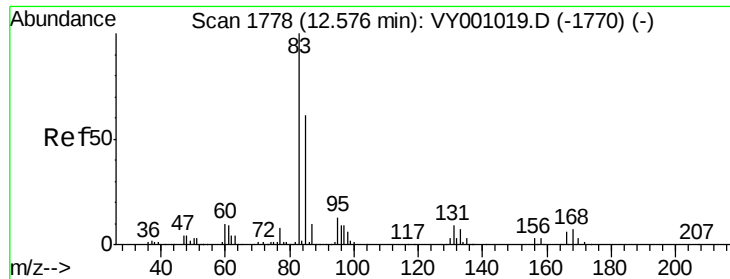
apatel
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#74
N-ethyl acetate
Concen: 19.669 ug/l
RT: 12.14 min Scan# 1706
Delta R.T. 0.00 min
Lab File: VY001038.D
Acq: 24 Dec 2019 11:37

Tgt Ion	Ratio	Lower	Upper
43	100		
70	48.7	39.0	58.6
55	25.6	19.5	29.3
61	26.8	22.0	33.0





#75

1,1,2,2-Tetrachloroethane

Concen: 19.358 ug/l

RT: 12.58 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VY001038.D

Acq: 24 Dec 2019 11:37

Instrument :

MSVOA_Y

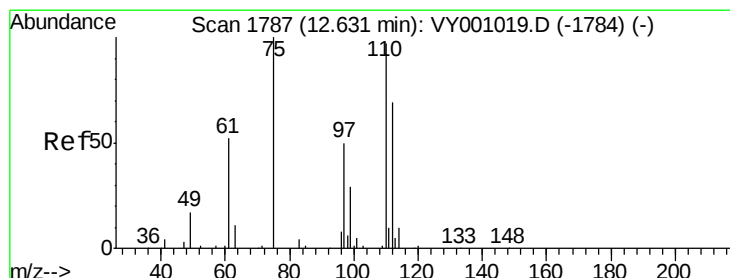
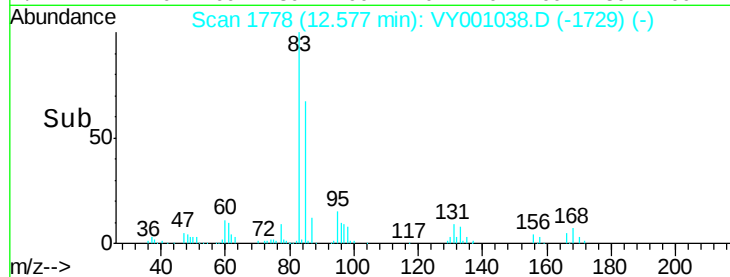
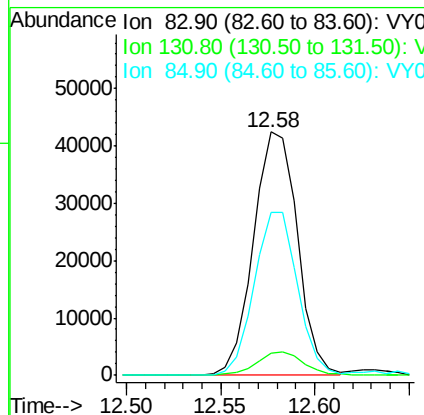
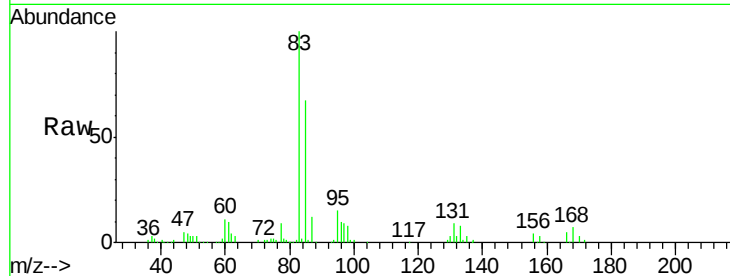
ClientSampleId :

VY1224SBS01

Tot Ion:	83	Resp:	68664
Ion	Ratio	Lower	Upper
83	100		
131	10.3	5.1	15.3
85	66.3	32.1	96.5

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#76

1,2,3-Trichloropropane

Concen: 16.785 ug/l m

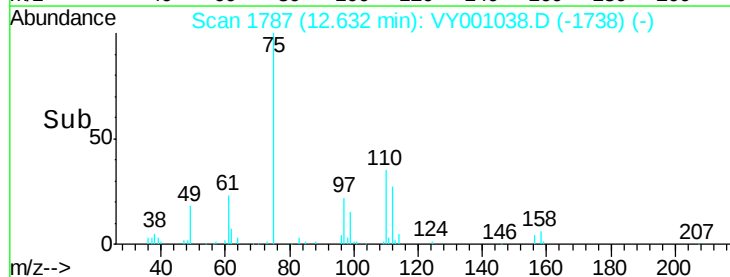
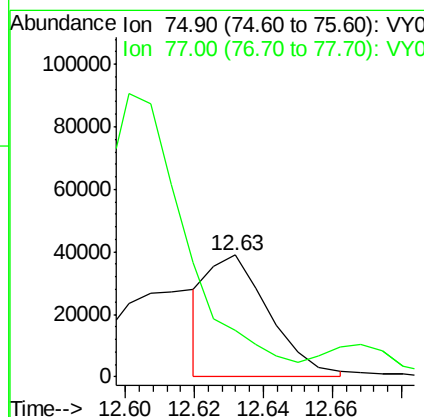
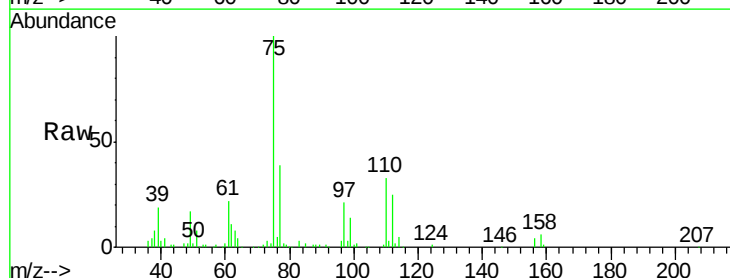
RT: 12.63 min Scan# 1787

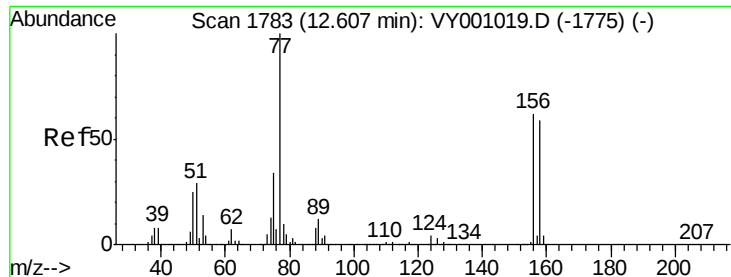
Delta R.T. 0.00 min

Lab File: VY001038.D

Acq: 24 Dec 2019 11:37

Tgt Ion:	75	Resp:	48146
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 19.825 ug/l

RT: 12.60 min Scan# 1782

Delta R.T. -0.01 min

Lab File: VY001038.D

Acq: 24 Dec 2019 11:37

Instrument :

MSVOA_Y

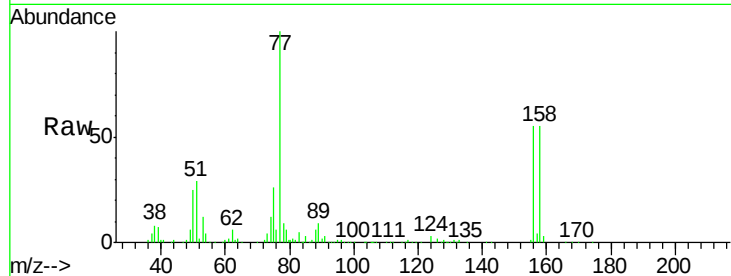
ClientSampleId :

VY1224SBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	204.1	98.0	294.1
158	100.1	48.5	145.6

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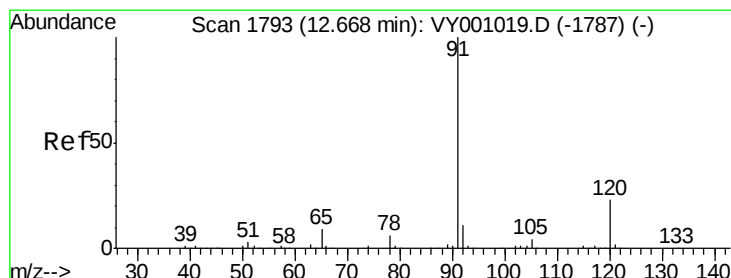
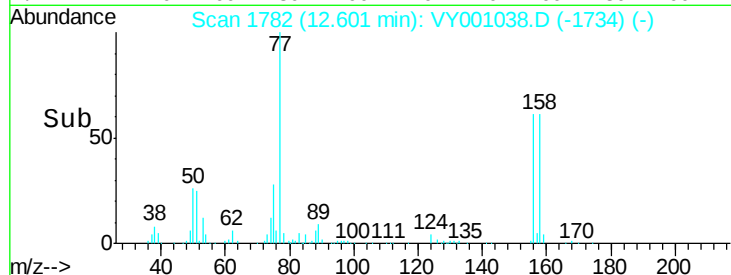
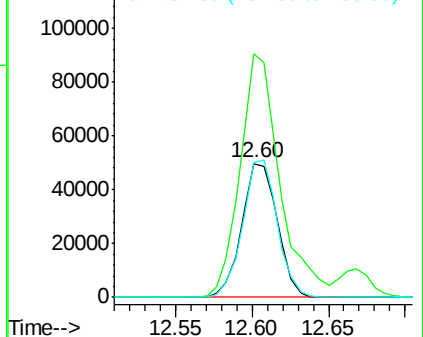


Abundance

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: 20.489 ug/l

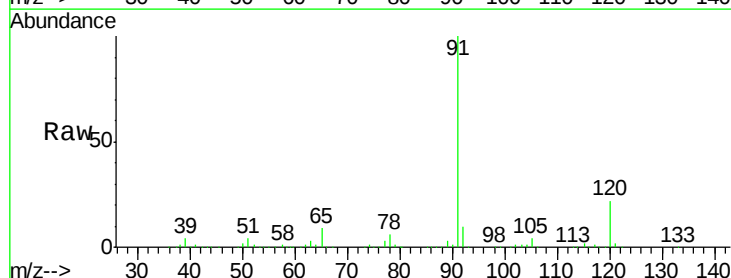
RT: 12.67 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VY001038.D

Acq: 24 Dec 2019 11:37

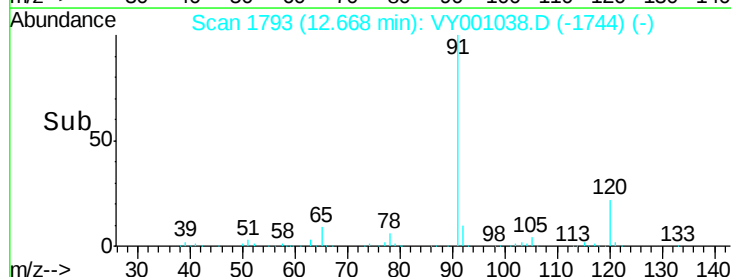
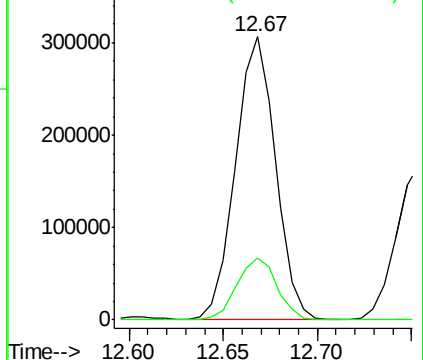
Tgt Ion	Ratio	Lower	Upper
91	100		
120	21.9	11.4	34.2

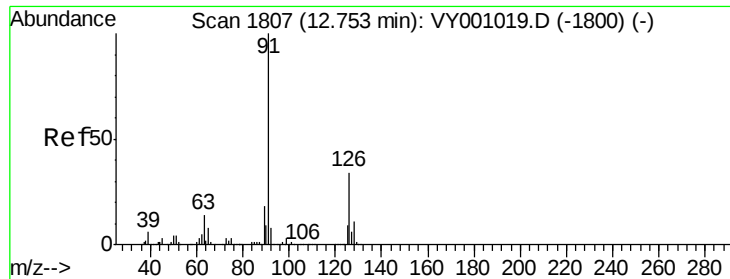


Abundance

Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.359 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VY001038.D

Acq: 24 Dec 2019 11:37

Instrument :

MSVOA_Y

ClientSampleId :

VY1224SBS01

Tot Ion: 91 Resp: 246676

Ion Ratio Lower Upper

91 100

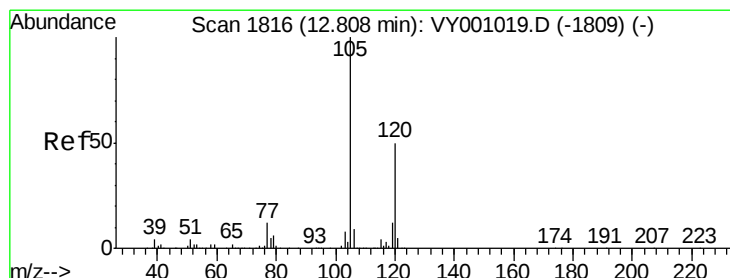
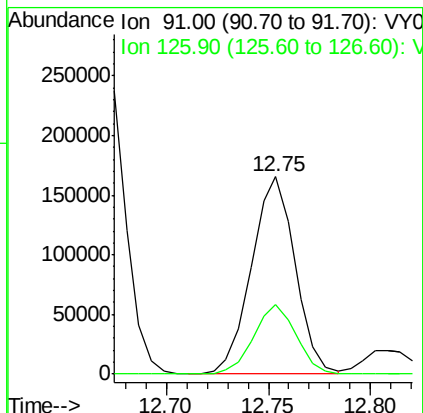
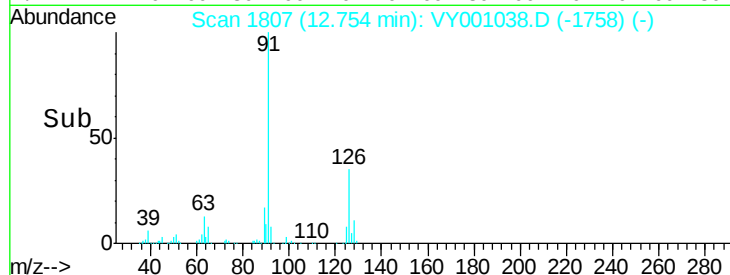
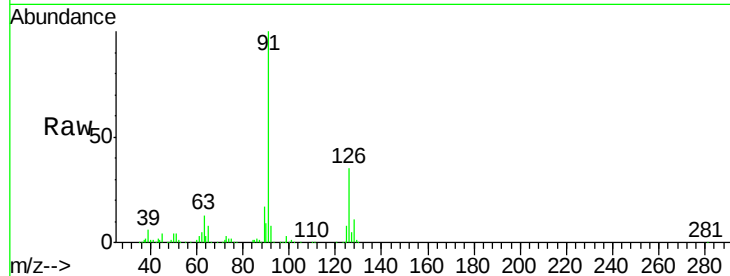
126 34.7 17.3 51.7

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#80

1,3,5-Trimethylbenzene

Concen: 20.166 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. 0.00 min

Lab File: VY001038.D

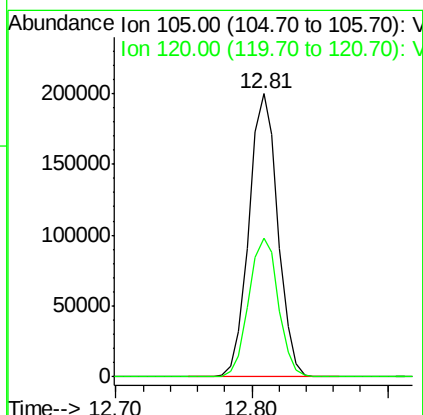
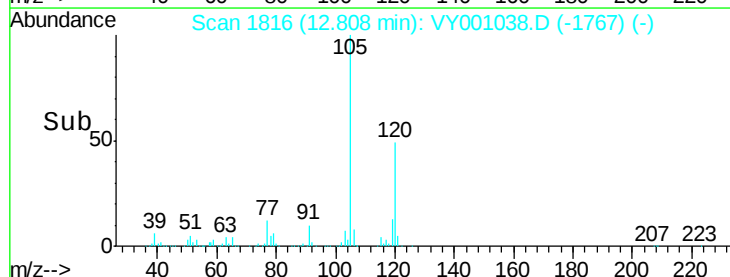
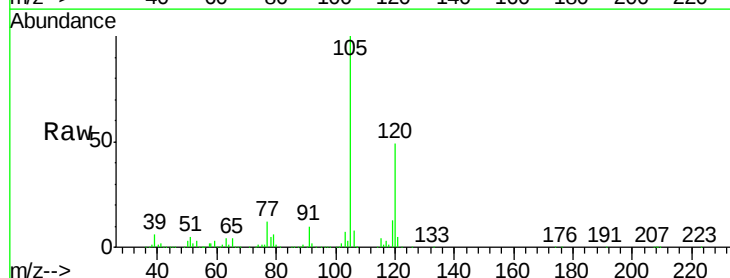
Acq: 24 Dec 2019 11:37

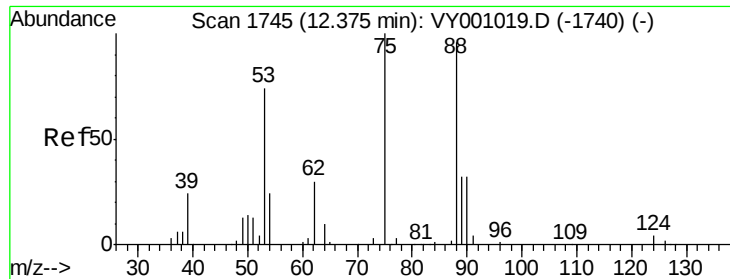
Tgt Ion: 105 Resp: 297626

Ion Ratio Lower Upper

105 100

120 50.2 25.1 75.4





#81

trans-1,4-Dichloro-2-butene

Concen: 19.654 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VY001038.D

Acq: 24 Dec 2019 11:37

Instrument :

MSVOA_Y

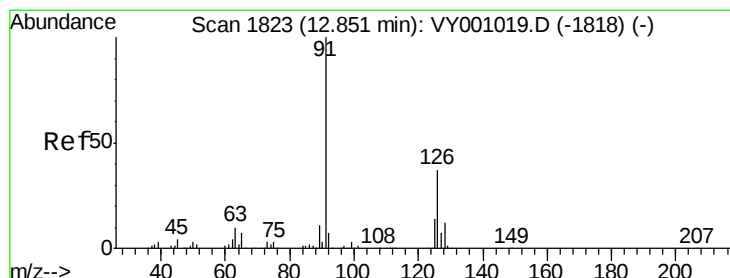
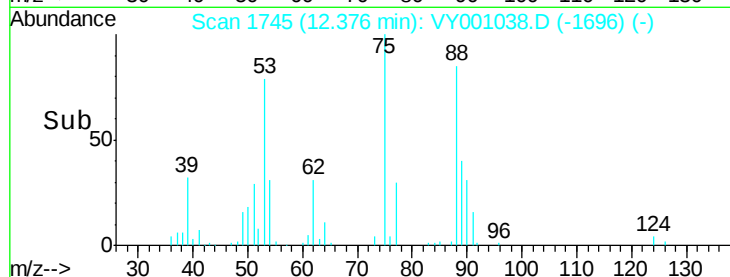
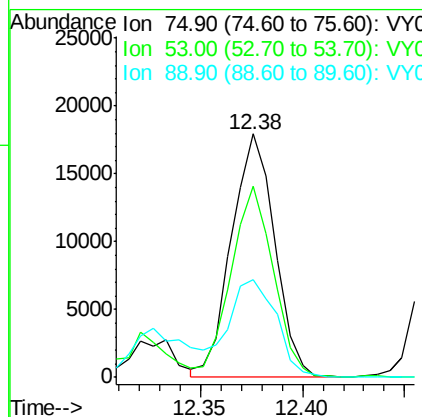
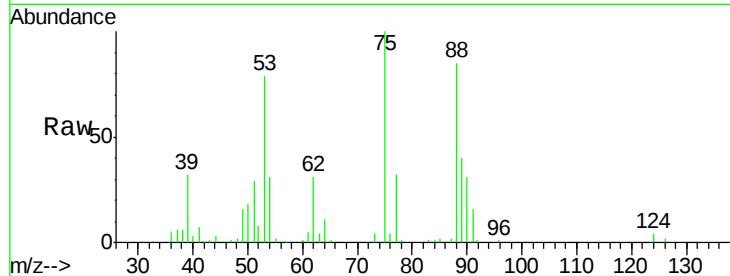
ClientSampleId :

VY1224SBS01

Tot Ion:	75	Resp:	26433
Ion Ratio	Lower	Upper	
75	100		
53	77.3	60.6	91.0
89	44.4	35.4	53.0

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#82

4-Chlorotoluene

Concen: 20.392 ug/l

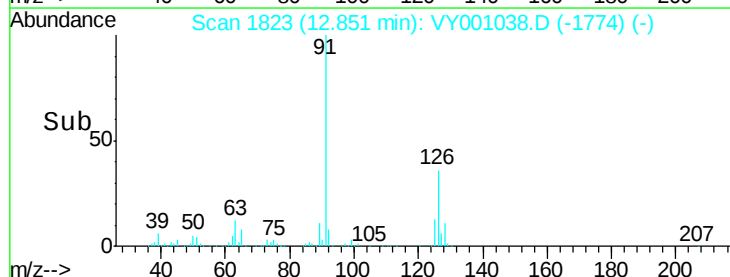
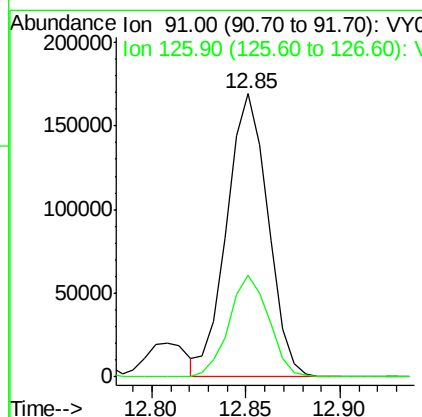
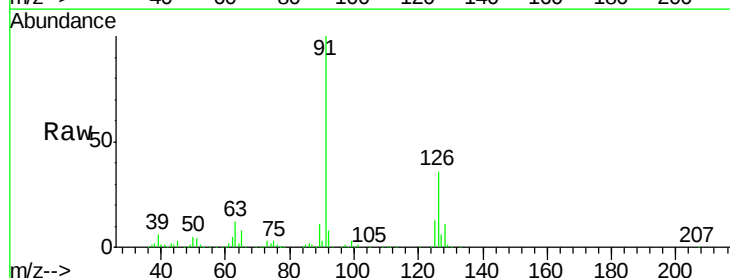
RT: 12.85 min Scan# 1823

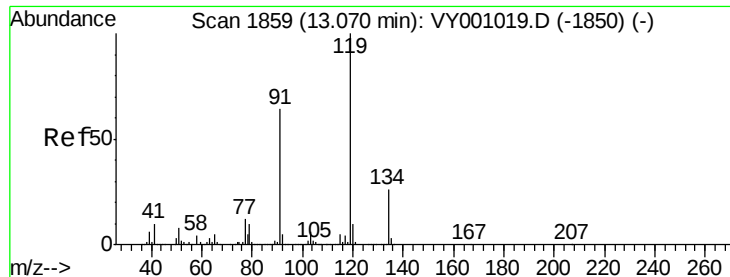
Delta R.T. 0.00 min

Lab File: VY001038.D

Acq: 24 Dec 2019 11:37

Tgt Ion:	91	Resp:	256627
Ion Ratio	Lower	Upper	
91	100		
126	34.8	17.6	52.8





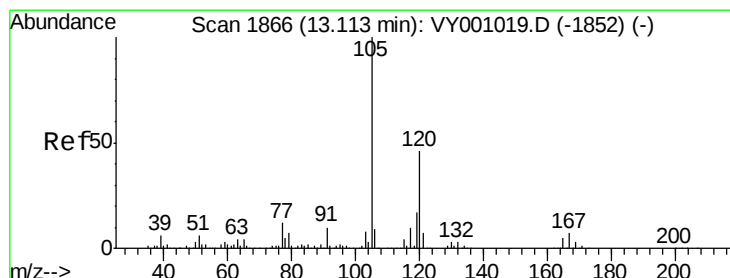
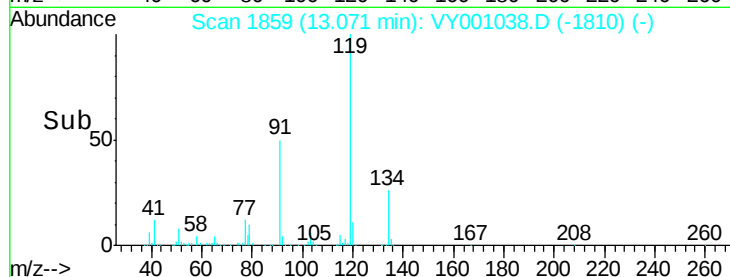
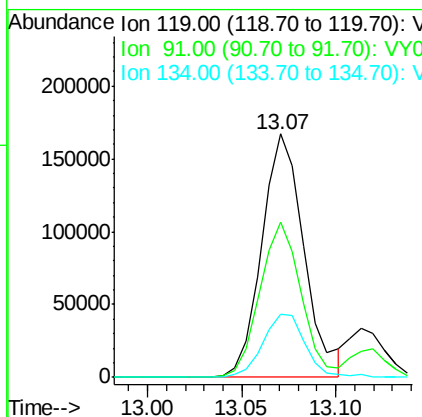
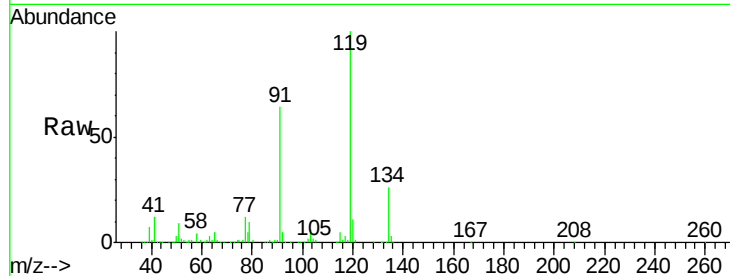
#83
tert-Butylbenzene
Concen: 20.954 ug/l
RT: 13.07 min Scan# 1859
Delta R.T. 0.00 min
Lab File: VY001038.D
Acq: 24 Dec 2019 11:37

Instrument :
MSVOA_Y
ClientSampleId :
VY1224SBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	259598		
91	62.2	31.9	95.7	
134	26.5	13.6	40.7	

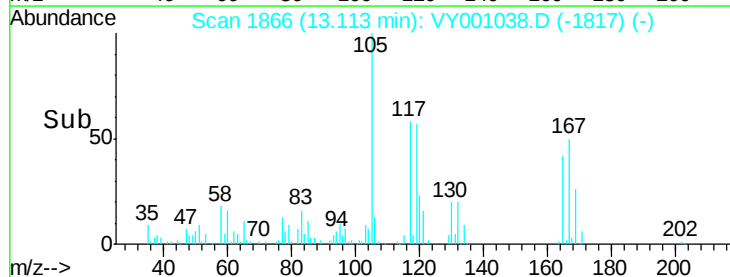
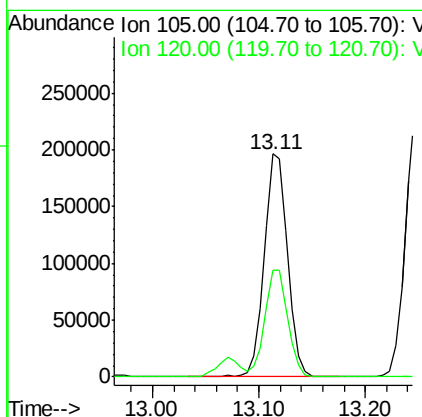
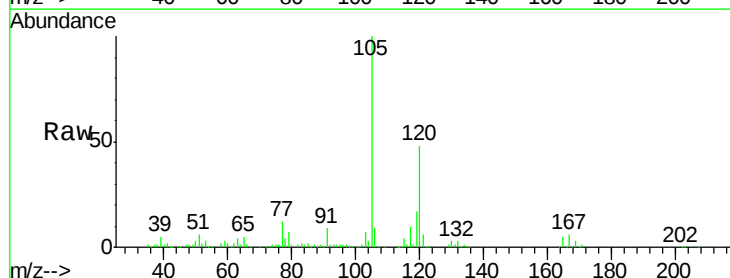
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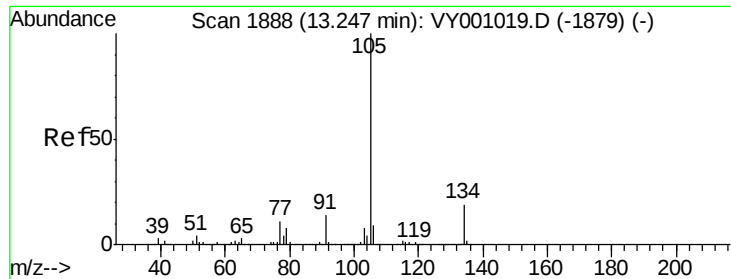
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#84
1,2,4-Trimethylbenzene
Concen: 20.311 ug/l
RT: 13.11 min Scan# 1866
Delta R.T. 0.00 min
Lab File: VY001038.D
Acq: 24 Dec 2019 11:37

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	301227		
120	47.4	23.4	70.2	





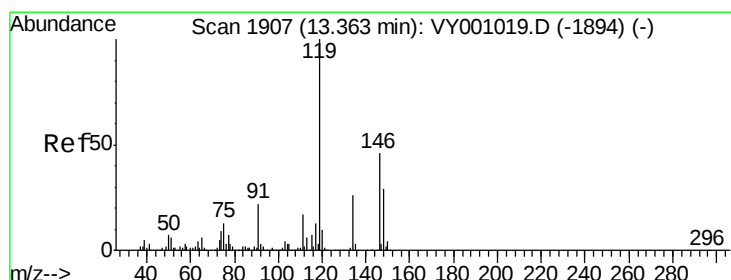
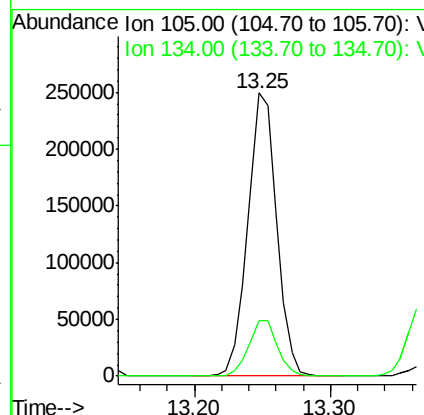
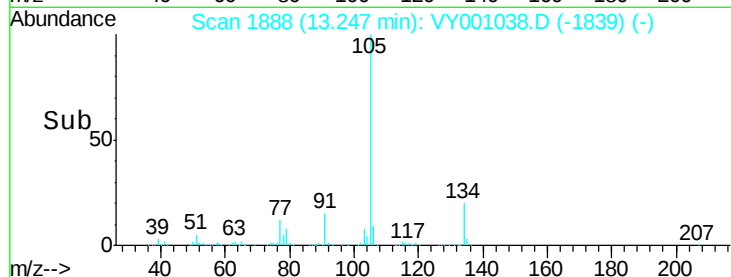
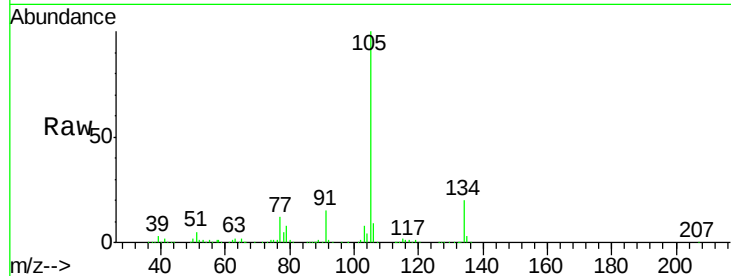
#85
 sec-Butylbenzene
 Concen: 20.288 ug/l
 RT: 13.25 min Scan# 1888
 Delta R.T. 0.00 min
 Lab File: VY001038.D
 Acq: 24 Dec 2019 11:37

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1224SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.8	10.0	30.0

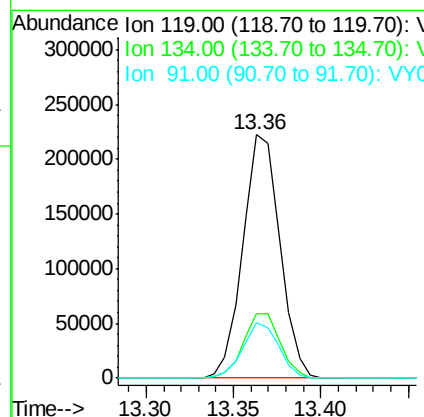
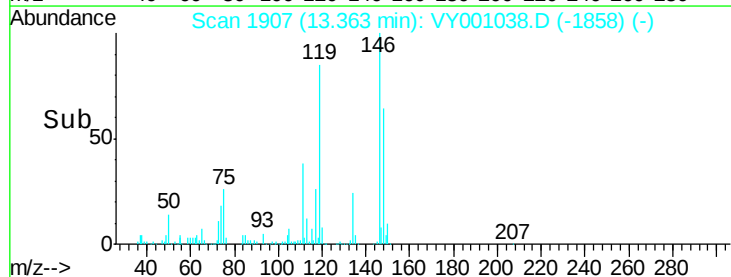
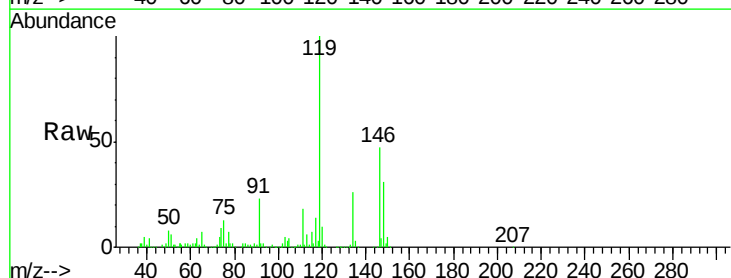
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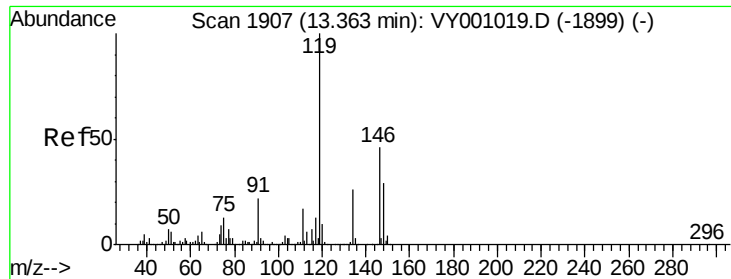
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#86
 p-Isopropyltoluene
 Concen: 20.659 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VY001038.D
 Acq: 24 Dec 2019 11:37

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.5	13.6	40.7
91	22.4	11.4	34.1





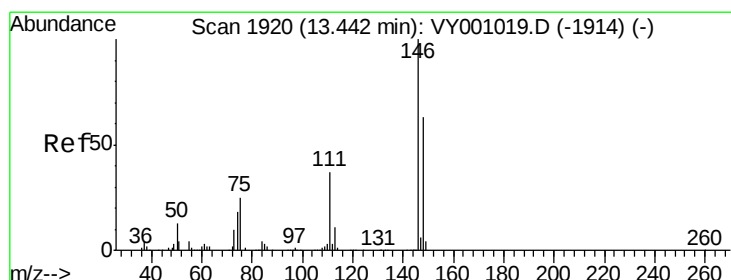
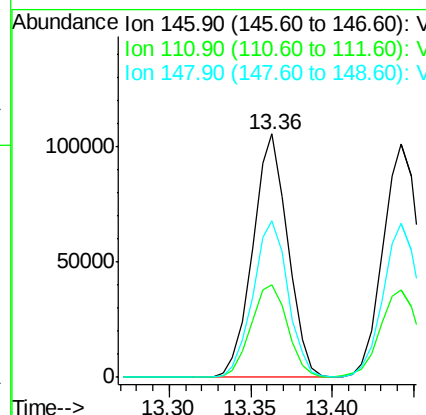
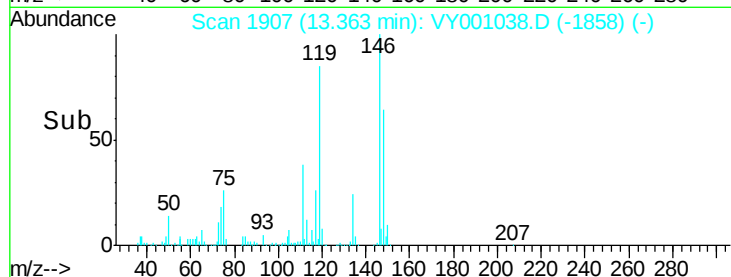
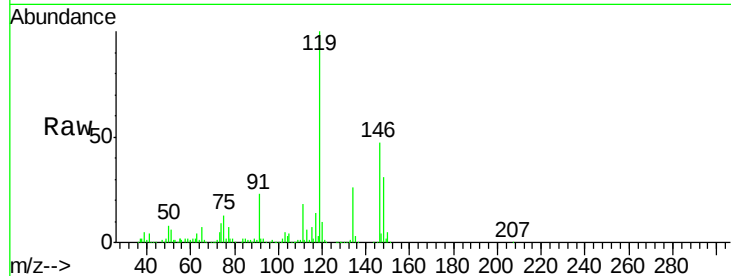
#87
 1,3-Dichlorobenzene
 Concen: 20.340 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VY001038.D
 Acq: 24 Dec 2019 11:37

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1224SBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	158191		
111	39.7	19.7	59.0	
148	64.4	31.9	95.5	

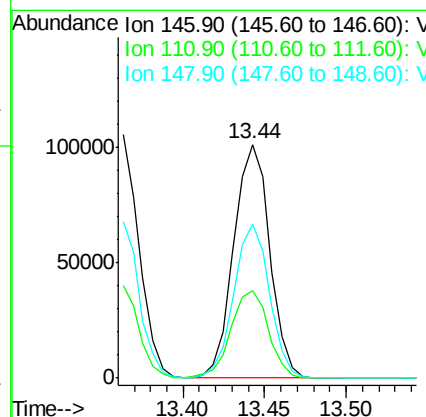
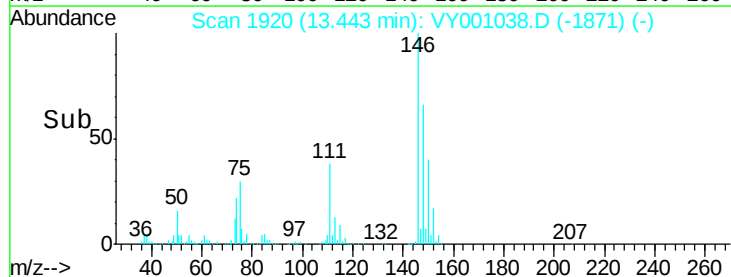
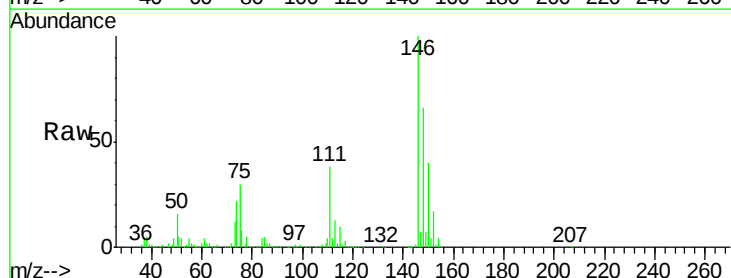
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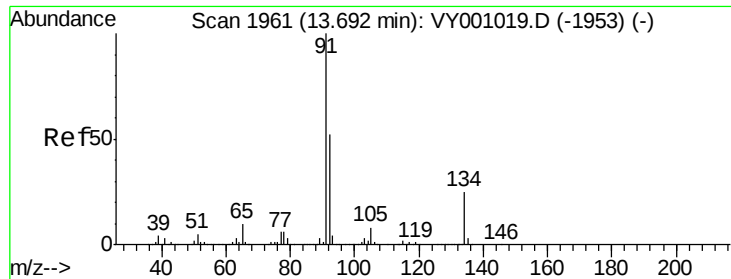
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#88
 1,4-Dichlorobenzene
 Concen: 19.874 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. 0.00 min
 Lab File: VY001038.D
 Acq: 24 Dec 2019 11:37

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	155927		
111	39.3	19.4	58.2	
148	65.4	31.8	95.3	





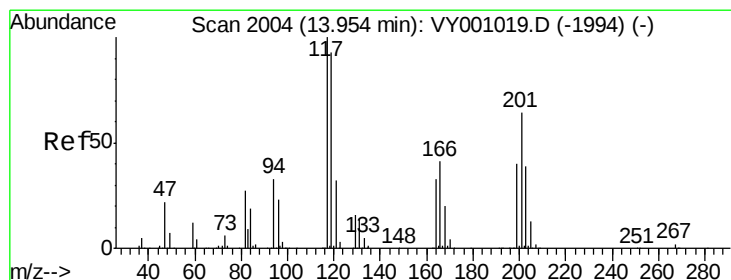
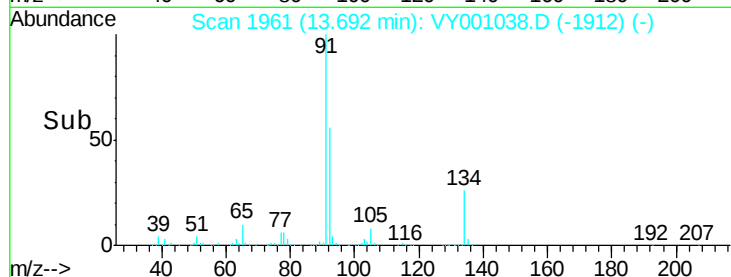
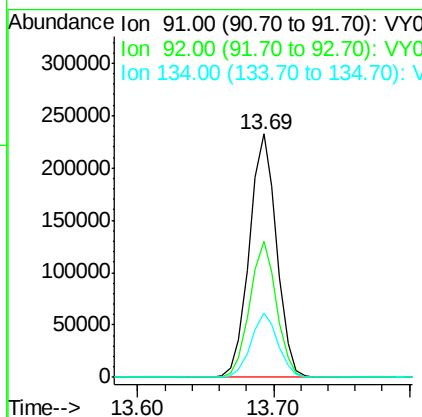
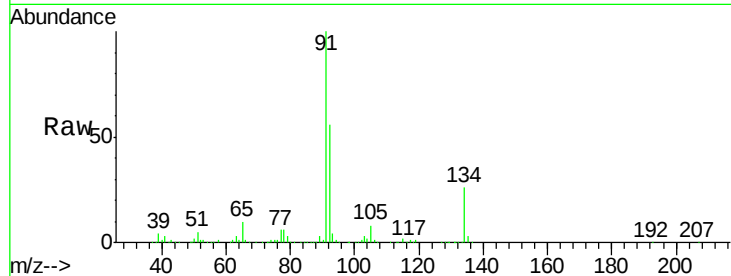
#89
n-Butylbenzene
Concen: 20.469 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. 0.00 min
Lab File: VY001038.D
Acq: 24 Dec 2019 11:37

Instrument :
MSVOA_Y
ClientSampleId :
VY1224SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	55.1	26.9	80.7
134	26.3	12.7	38.0

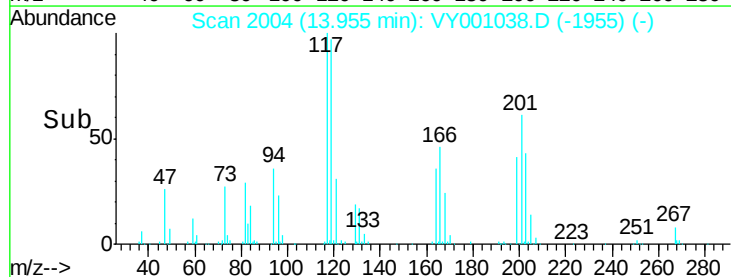
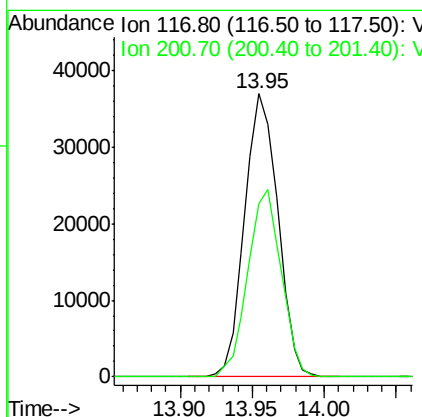
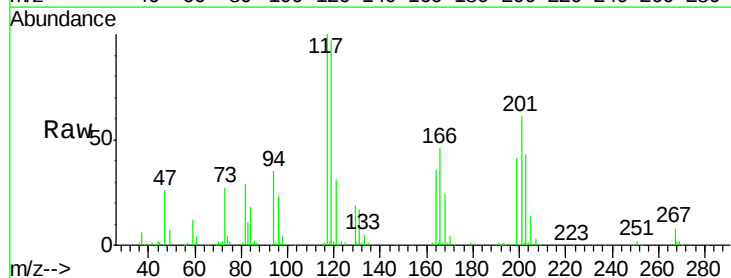
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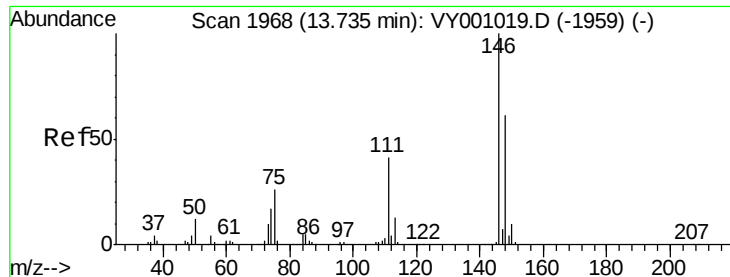
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#90
Hexachloroethane
Concen: 19.912 ug/l
RT: 13.95 min Scan# 2004
Delta R.T. 0.00 min
Lab File: VY001038.D
Acq: 24 Dec 2019 11:37

Tgt Ion	Ratio	Lower	Upper
117	100		
201	66.4	33.7	101.1





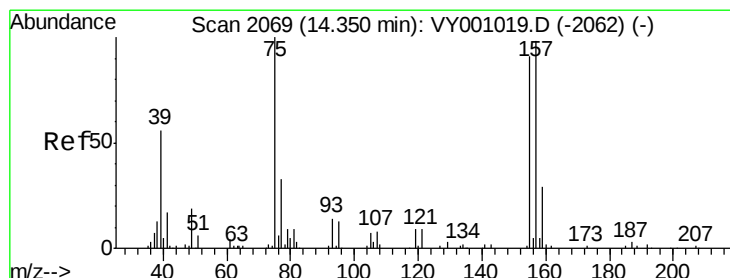
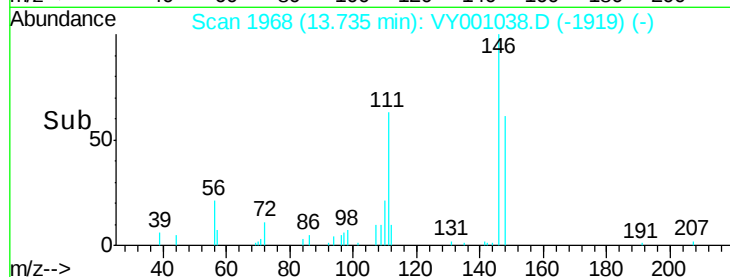
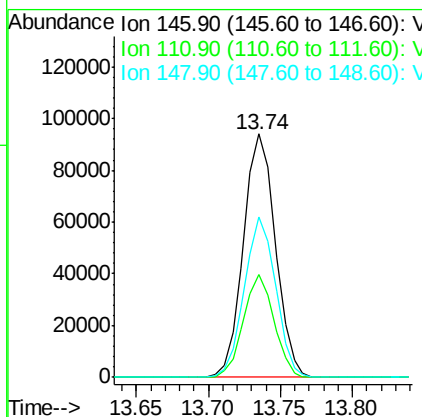
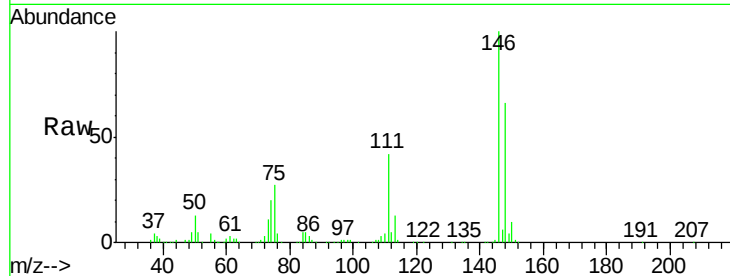
#91
 1,2-Dichlorobenzene
 Concen: 20.166 ug/l
 RT: 13.74 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VY001038.D
 Acq: 24 Dec 2019 11:37

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1224SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.3	20.6	61.9
148	64.6	31.6	94.7

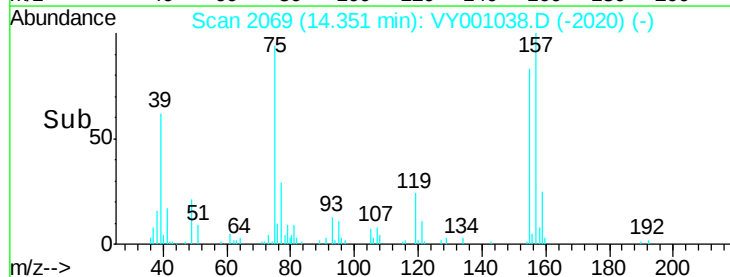
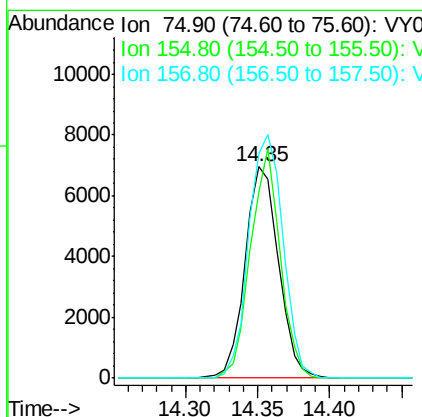
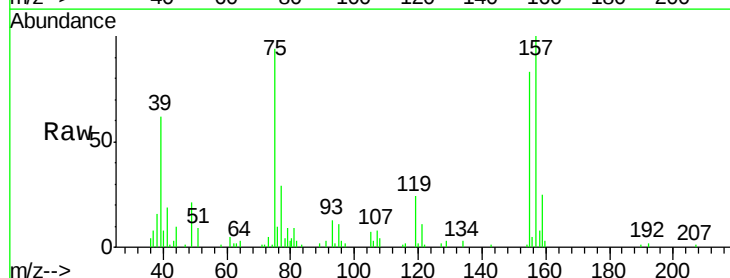
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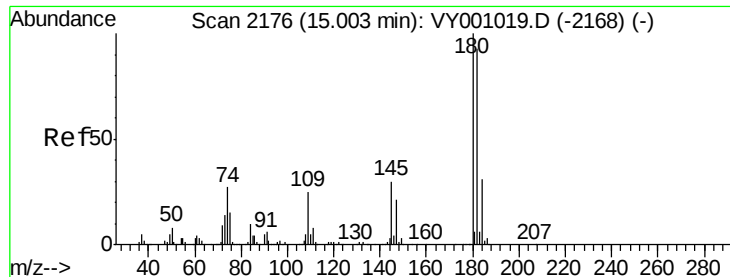
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.834 ug/l
 RT: 14.35 min Scan# 2069
 Delta R.T. 0.00 min
 Lab File: VY001038.D
 Acq: 24 Dec 2019 11:37

Tgt Ion	Ratio	Lower	Upper
75	100		
155	95.4	46.3	138.9
157	117.0	58.1	174.4





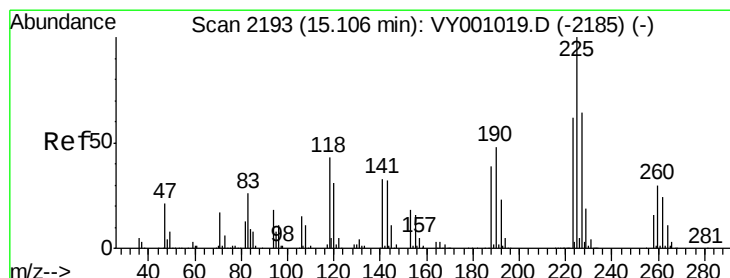
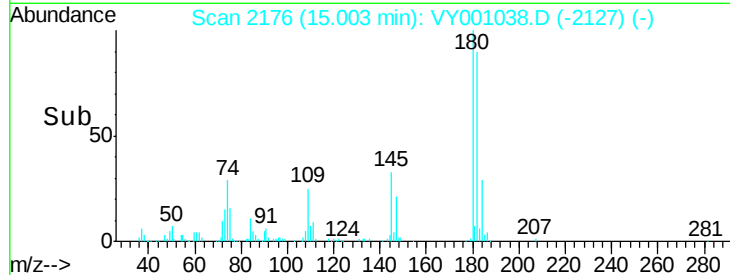
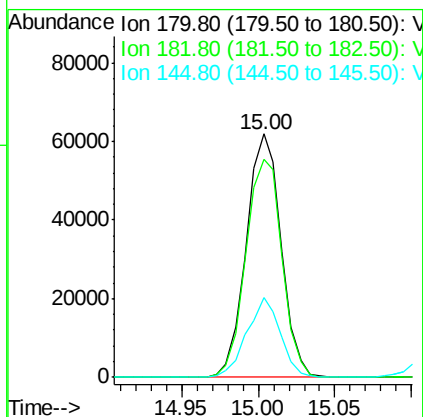
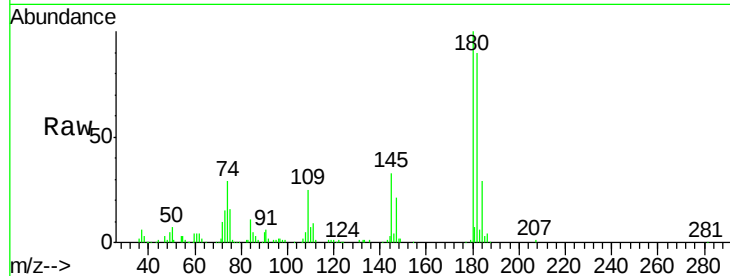
#93
 1,2,4-Trichlorobenzene
 Concen: 20.226 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VY001038.D
 Acq: 24 Dec 2019 11:37

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1224SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	92.5	46.8	140.3	
145	31.5	15.3	45.9	

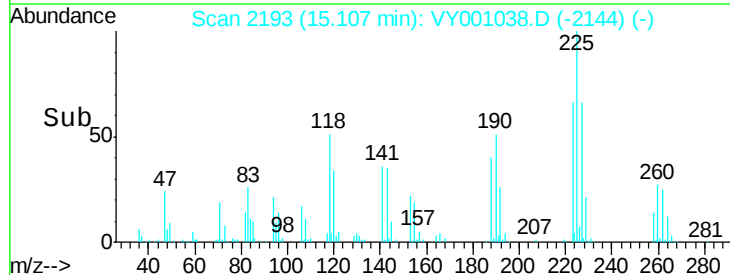
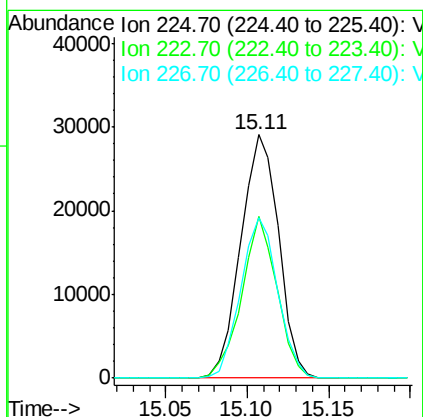
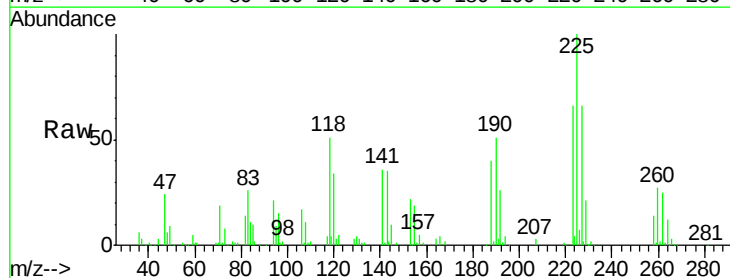
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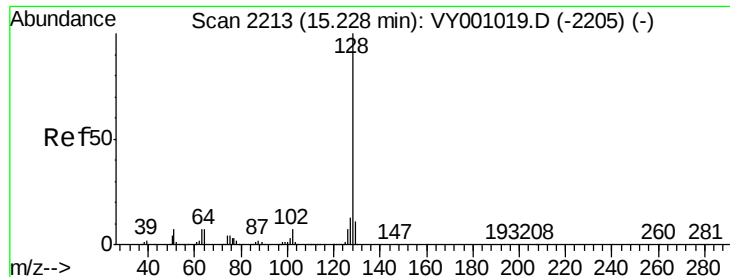
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#94
 Hexachlorobutadiene
 Concen: 20.409 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. 0.00 min
 Lab File: VY001038.D
 Acq: 24 Dec 2019 11:37

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	61.8	31.6	94.8	
227	64.5	31.9	95.5	





#95

Naphthalene

Concen: 19.858 ug/l

RT: 15.23 min Scan# 2213

Delta R.T. 0.00 min

Lab File: VY001038.D

Acq: 24 Dec 2019 11:37

Instrument :

MSVOA_Y

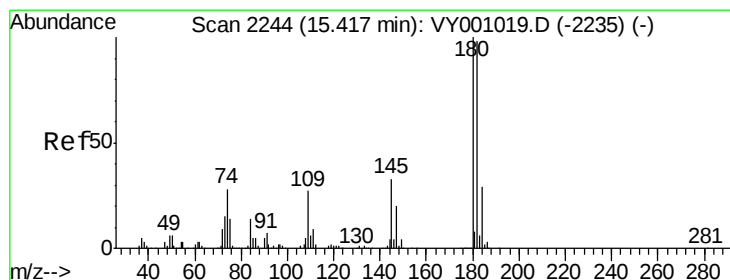
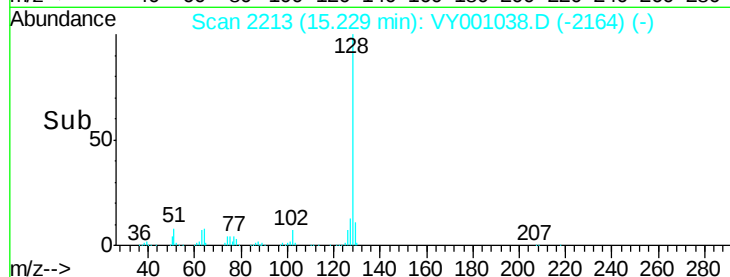
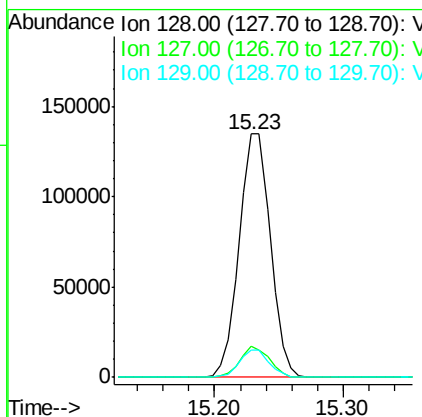
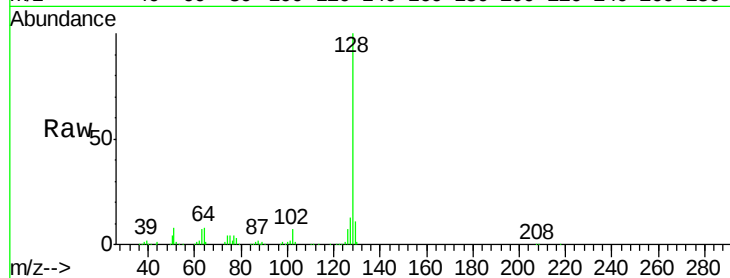
ClientSampleId :

VY1224SBS01

Tot Ion:	128	Resp:	226148
Ion Ratio	Lower	Upper	
128	100		
127	12.1	9.9	14.9
129	11.0	8.6	13.0

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#96

1,2,3-Trichlorobenzene

Concen: 20.286 ug/l

RT: 15.42 min Scan# 2244

Delta R.T. 0.00 min

Lab File: VY001038.D

Acq: 24 Dec 2019 11:37

Tgt Ion:	180	Resp:	87606
Ion Ratio	Lower	Upper	
180	100		
182	93.7	47.9	143.8
145	32.5	16.3	48.9

