

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY110719\
 Data File : VY000600.D
 Acq On : 07 Nov 2019 23:30
 Operator : SY/MD
 Sample : VY1107SBSD02
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1107SBSD02

Manual Integrations
 APPROVED

MMDadoda
 11/8/2019 4:07:24 PM

Quant Time: Nov 08 10:01:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 30 13:30:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	246699	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	429799	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	393516	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	187524	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.16	65	155600	60.95	ug/l	0.00
Spiked Amount						
35) Dibromofluoromethane	7.73	113	133455	52.89	ug/l	0.00
Spiked Amount						
50) Toluene-d8	10.18	98	539654	56.37	ug/l	0.00
Spiked Amount						
62) 4-Bromofluorobenzene	12.48	95	196845	54.01	ug/l	0.00
Spiked Amount						

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.90	85	48831	20.108	ug/l	99
3) Chloromethane	2.12	50	68754	20.552	ug/l	100
4) Vinyl Chloride	2.25	62	63883	20.564	ug/l	99
5) Bromomethane	2.64	94	45694	24.528	ug/l	94
6) Chloroethane	2.79	64	42985	22.108	ug/l	96
7) Trichlorofluoromethane	3.13	101	91770	21.874	ug/l	100
8) Diethyl Ether	3.54	74	36089	24.209	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.90	101	53680	21.164	ug/l	96
10) Methyl Iodide	4.10	142	65858	21.663	ug/l	100
11) Tert butyl alcohol	4.96	59	29839	120.067	ug/l	99
12) 1,1-Dichloroethene	3.88	96	53157	21.571	ug/l	90
13) Acrolein	3.73	56	18851	87.082	ug/l	97
14) Allyl chloride	4.49	41	93800	23.409	ug/l	98
15) Acrylonitrile	5.17	53	94906	124.279	ug/l	99
16) Acetone	3.96	43	72152	102.541	ug/l	99
17) Carbon Disulfide	4.19	76	165466	21.289	ug/l	99
18) Methyl Acetate	4.49	43	56313	25.739	ug/l	99
19) Methyl tert-butyl Ether	5.23	73	163172	23.815	ug/l	93
20) Methylene Chloride	4.72	84	73184	24.273	ug/l	95
21) trans-1,2-Dichloroethene	5.22	96	62276	22.354	ug/l	98
22) Diisopropyl ether	6.13	45	209126	24.012	ug/l	95
23) Vinyl Acetate	6.07	43	643441	117.035	ug/l	99
24) 1,1-Dichloroethane	6.03	63	111423	23.615	ug/l	97
25) 2-Butanone	7.00	43	125678	111.916	ug/l	98
26) 2,2-Dichloropropane	7.00	77	87855	20.375	ug/l	96
27) cis-1,2-Dichloroethene	7.00	96	70932	23.285	ug/l	99
28) Bromochloromethane	7.35	49	28056	16.064	ug/l	95
29) Tetrahydrofuran	7.36	42	83972	122.232	ug/l	98
30) Chloroform	7.52	83	110509	23.153	ug/l	96
31) Cyclohexane	7.79	56	102141	20.669	ug/l	98
32) 1,1,1-Trichloroethane	7.71	97	94702	22.263	ug/l	99
36) 1,1-Dichloropropene	7.93	75	84853	20.884	ug/l	98
37) Ethyl Acetate	7.09	43	56719	23.513	ug/l	97
38) Carbon Tetrachloride	7.91	117	81486	20.842	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	103668	19.749	ug/l	96
40) Benzene	8.17	78	260573	21.875	ug/l	100
41) Methacrylonitrile	7.35	41	38299m	28.460	ug/l	
42) 1,2-Dichloroethane	8.25	62	78085	23.112	ug/l	100
43) Isopropyl Acetate	8.28	43	104117	22.976	ug/l	99
44) Trichloroethene	8.94	130	67575	21.515	ug/l	99
45) 1,2-Dichloropropane	9.22	63	65045	22.186	ug/l	94
46) Dibromomethane	9.32	93	35779	22.190	ug/l	98
47) Bromodichloromethane	9.50	83	84721	22.144	ug/l	100
48) Methyl methacrylate	9.30	41	46638	23.556	ug/l	95
49) 1,4-Dioxane	9.31	88	9866	454.652	ug/l	91
51) 4-Methyl-2-Pentanone	10.08	43	288636	119.802	ug/l	100
52) Toluene	10.25	92	164522	21.845	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	89982	22.012	ug/l	96
54) cis-1,3-Dichloropropene	9.94	75	101136	21.596	ug/l	97
55) 1,1,2-Trichloroethane	10.65	97	52636	22.570	ug/l	92
56) Ethyl methacrylate	10.51	69	75571	22.863	ug/l	98
57) 1,3-Dichloropropane	10.79	76	94513	23.155	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.79	63	161296	107.939	ug/l	100
59) 2-Hexanone	10.83	43	196024	111.670	ug/l	100
60) Dibromochloromethane	10.99	129	57826	21.648	ug/l	99
61) 1,2-Dibromoethane	11.09	107	50256	22.413	ug/l	99
64) Tetrachloroethene	10.72	164	70263	21.593	ug/l	94
65) Chlorobenzene	11.52	112	171995	21.557	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.59	131	60898	22.008	ug/l	97
67) Ethyl Benzene	11.60	91	316514	21.555	ug/l	98
68) m/p-Xylenes	11.70	106	236564	41.625	ug/l	97
69) o-Xylene	12.03	106	112224	21.011	ug/l	98
70) Styrene	12.04	104	191192	20.904	ug/l	100
71) Bromoform	12.20	173	34000	21.363	ug/l #	99
73) Isopropylbenzene	12.33	105	297969	21.499	ug/l	100
74) N-amyl acetate	12.14	43	92274	23.247	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	64096	23.357	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	48141m	22.546	ug/l	
77) Bromobenzene	12.61	156	68119	21.674	ug/l	96
78) n-propylbenzene	12.67	91	364381	21.790	ug/l	99
79) 2-Chlorotoluene	12.75	91	204442	22.022	ug/l	98
80) 1,3,5-Trimethylbenzene	12.81	105	251532	21.791	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	20119	21.126	ug/l	98
82) 4-Chlorotoluene	12.85	91	218762	22.733	ug/l	96
83) tert-Butylbenzene	13.07	119	210626	21.371	ug/l	96
84) 1,2,4-Trimethylbenzene	13.12	105	254947	22.183	ug/l	97
85) sec-Butylbenzene	13.25	105	304575	21.691	ug/l	99
86) p-Isopropyltoluene	13.37	119	267567	21.380	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	132019	21.446	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	132034	21.464	ug/l	98
89) n-Butylbenzene	13.69	91	265441	21.505	ug/l	99
90) Hexachloroethane	13.96	117	50037	21.628	ug/l	96
91) 1,2-Dichlorobenzene	13.74	146	124765	22.338	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	11436	23.547	ug/l	94

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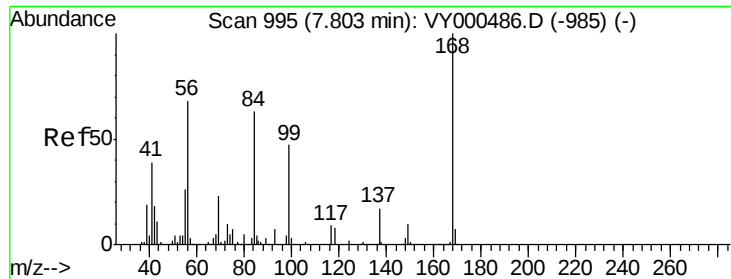
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	82890	21.796	ug/l	95
94) Hexachlorobutadiene	15.11	225	40770	20.797	ug/l	97
95) Naphthalene	15.23	128	194498	23.038	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	73746	21.614	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.00 min

Lab File: VY000600.D

Acq: 07 Nov 2019 23:30

Instrument :

MSVOA_Y

ClientSampleId :

VY1107SBS02

Tgt Ion:168 Resp: 246699

Ion Ratio Lower Upper

168 100

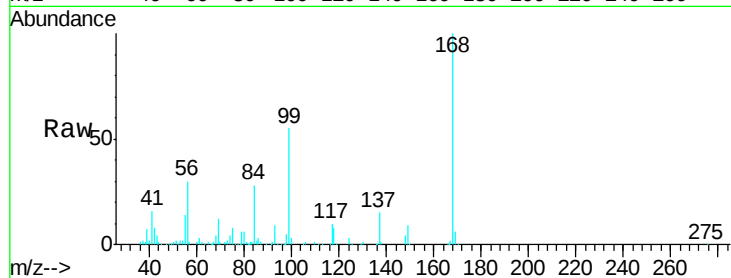
99 55.0 45.7 68.5

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VY000486.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY000486.D (-985) (-)

7.80

120000

100000

80000

60000

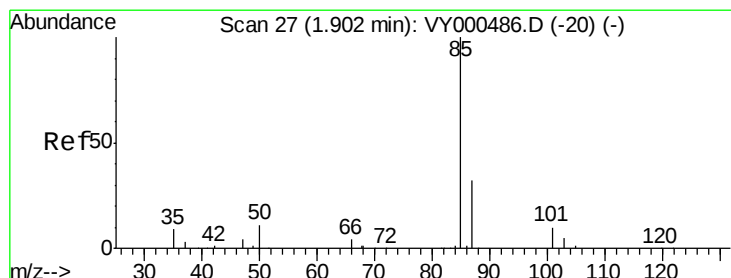
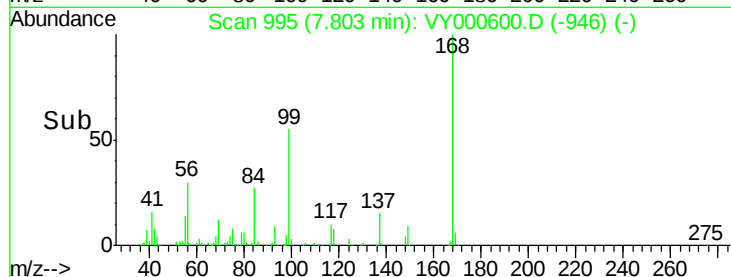
40000

20000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 20.108 ug/l

RT: 1.90 min Scan# 27

Delta R.T. 0.00 min

Lab File: VY000600.D

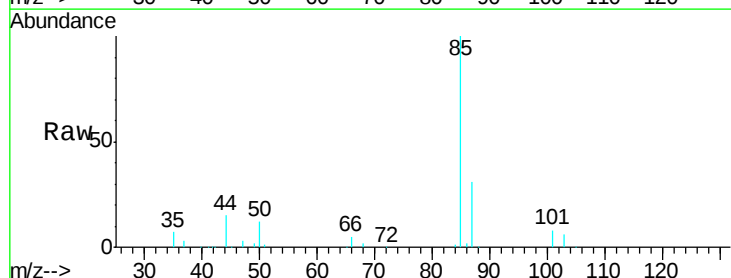
Acq: 07 Nov 2019 23:30

Tgt Ion: 85 Resp: 48831

Ion Ratio Lower Upper

85 100

87 31.0 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VY000486.D (-20) (-)

Ion 86.90 (86.60 to 87.60): VY000486.D (-20) (-)

1.90

30000

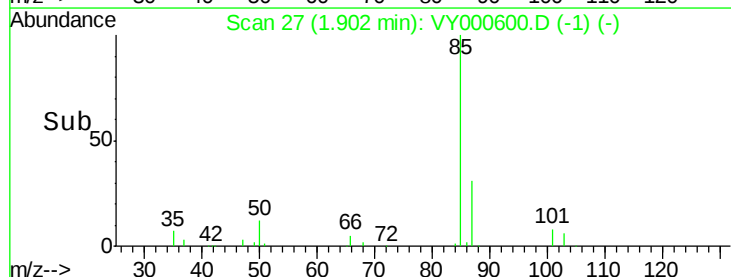
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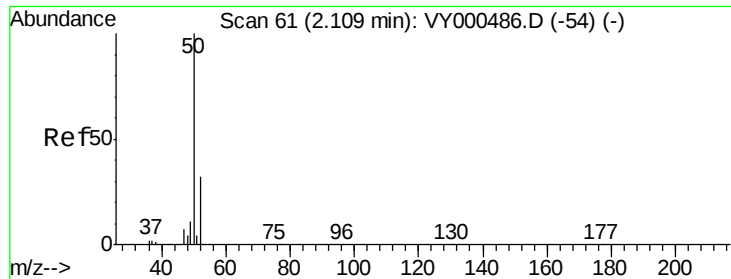
10000

0

1.85 1.90 1.95 2.00

Time-->





#3

Chloromethane

Concen: 20.552 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.01 min

Lab File: VY000600.D

Acq: 07 Nov 2019 23:30

Instrument :

MSVOA_Y

ClientSampleId :

VY1107SBS02

Tgt Ion: 50 Resp: 68754

Ion Ratio Lower Upper

50 100

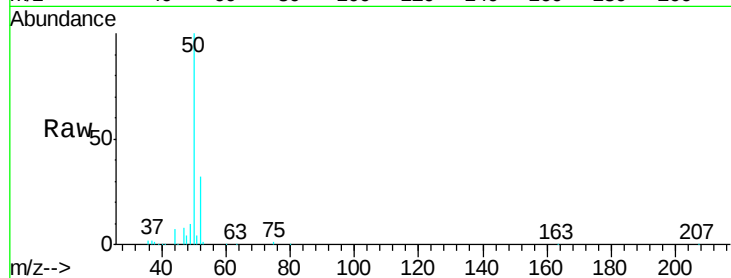
52 31.6 25.2 37.8

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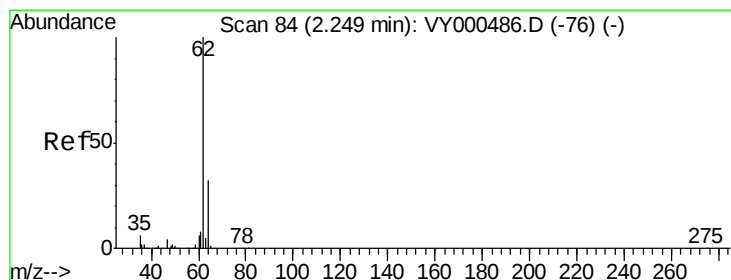
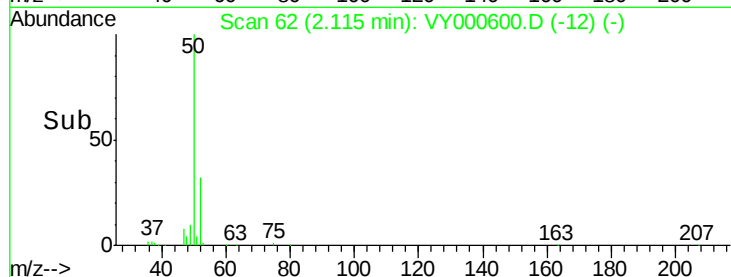
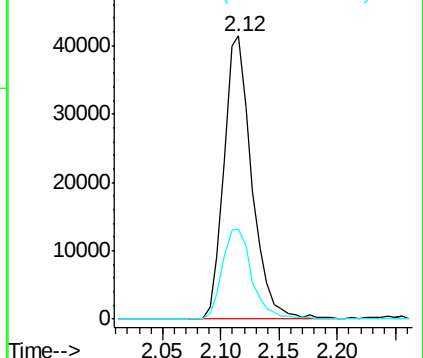
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Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 20.564 ug/l

RT: 2.25 min Scan# 84

Delta R.T. 0.00 min

Lab File: VY000600.D

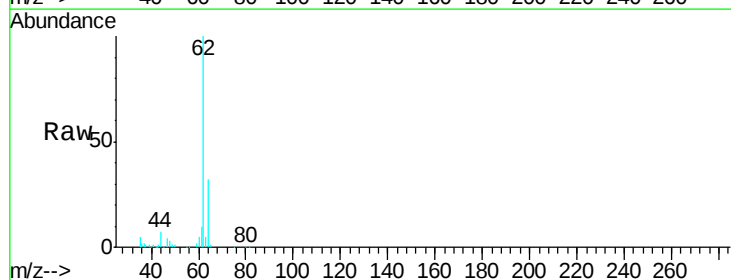
Acq: 07 Nov 2019 23:30

Tgt Ion: 62 Resp: 63883

Ion Ratio Lower Upper

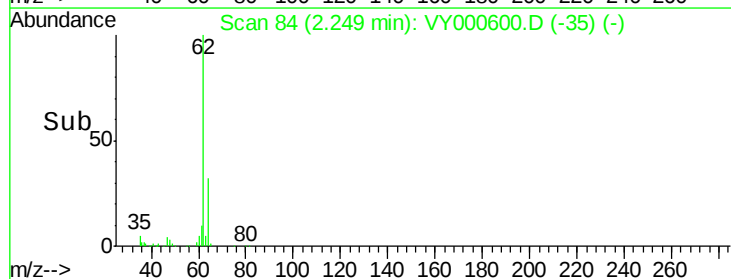
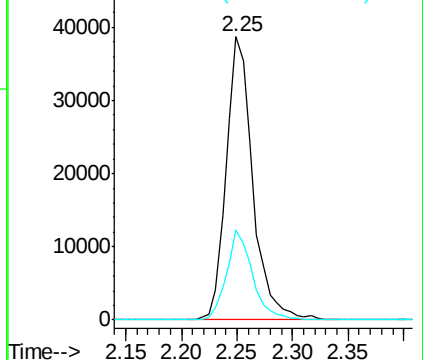
62 100

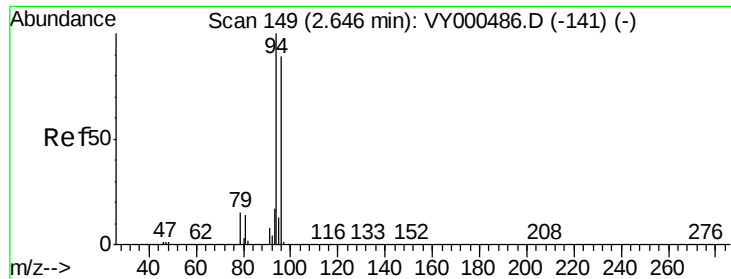
64 32.0 25.2 37.8



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 24.528 ug/l

RT: 2.64 min Scan# 148

Delta R.T. -0.01 min

Lab File: VY000600.D

Acq: 07 Nov 2019 23:30

Instrument :

MSVOA_Y

ClientSampleId :

VY1107SBS02

Tgt Ion: 94 Resp: 45694

Ion Ratio Lower Upper

94 100

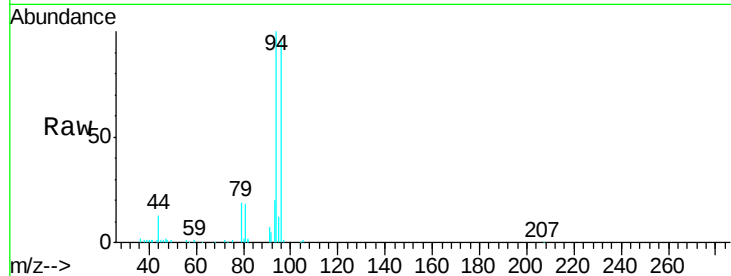
96 94.7 71.2 106.8

Manual Integrations

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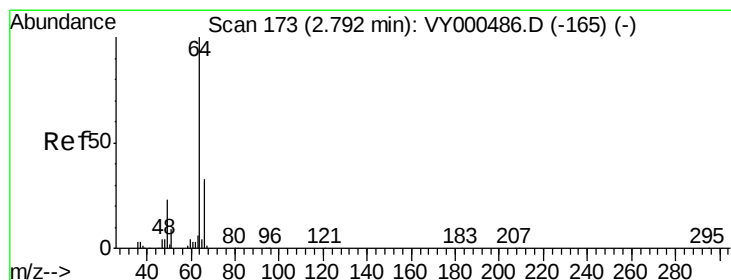
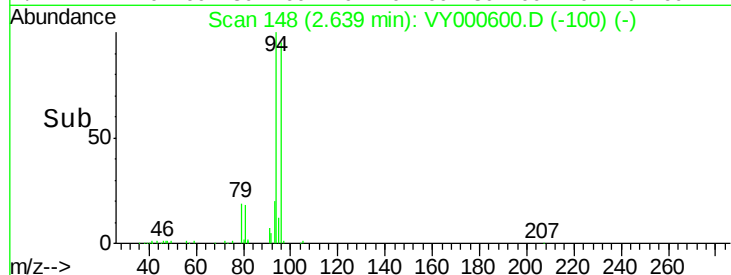
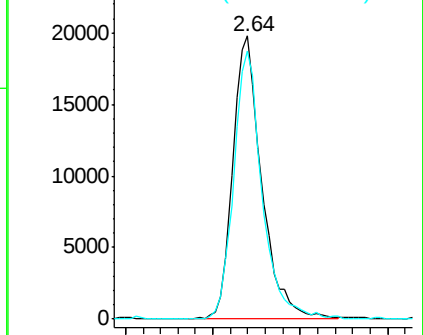
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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 22.108 ug/l

RT: 2.79 min Scan# 173

Delta R.T. 0.00 min

Lab File: VY000600.D

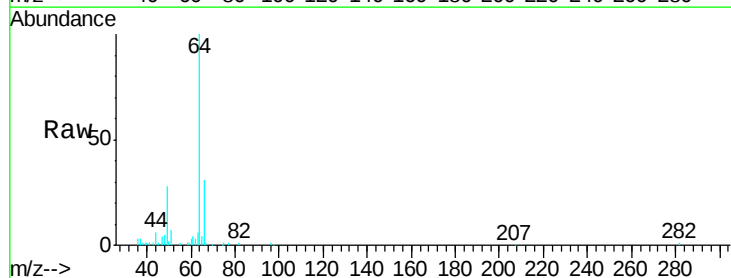
Acq: 07 Nov 2019 23:30

Tgt Ion: 64 Resp: 42985

Ion Ratio Lower Upper

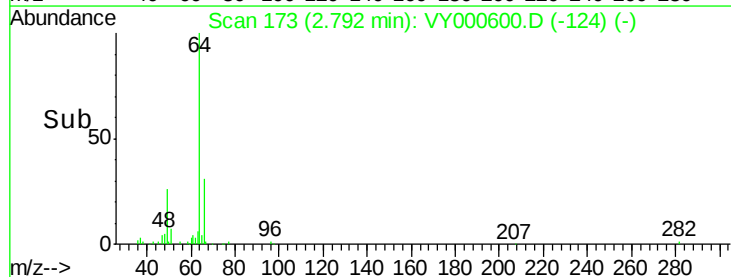
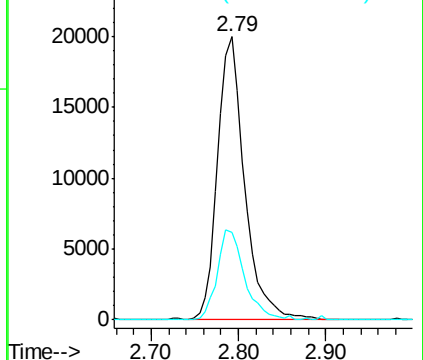
64 100

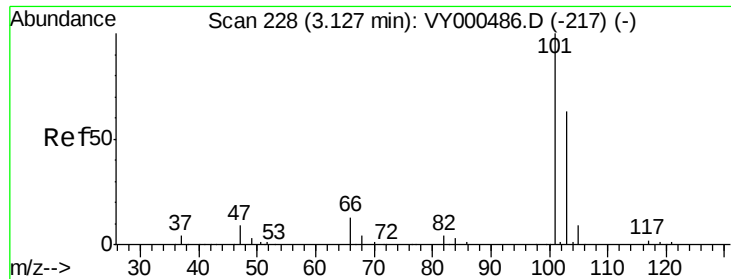
66 30.9 26.6 40.0



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

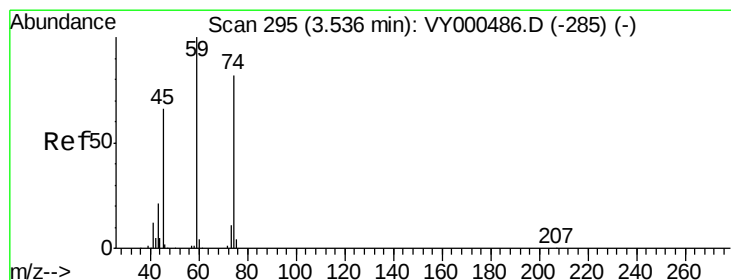
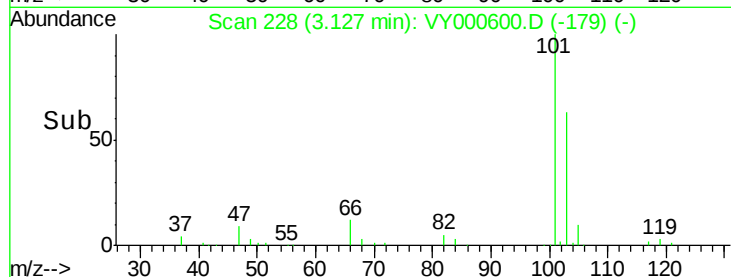
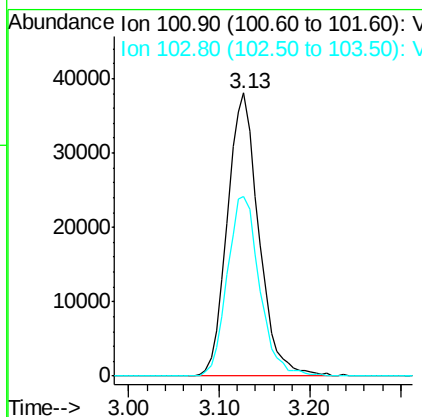
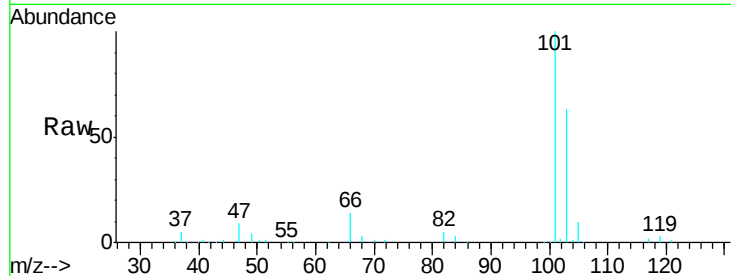
Trichlorofluoromethane
Concen: 21.874 ug/l
RT: 3.13 min Scan# 228
Delta R.T. 0.00 min
Lab File: VY000600.D
Acq: 07 Nov 2019 23:30

Instrument :
MSVOA_Y
ClientSampleId :
VY1107SBS02

Tgt Ion:101 Resp: 91770
Ion Ratio Lower Upper
101 100
103 63.3 50.5 75.7

Manual Integrations
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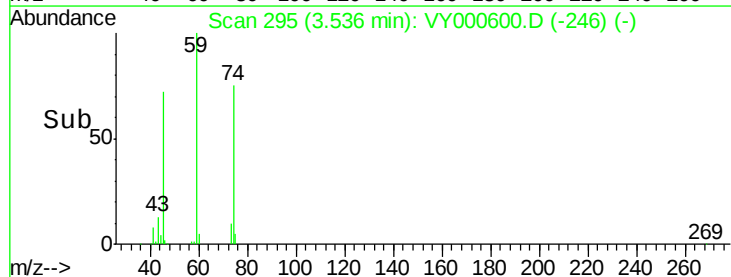
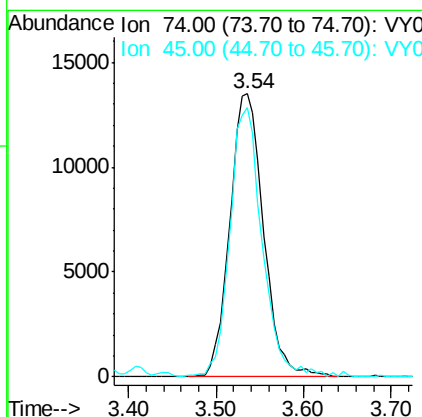
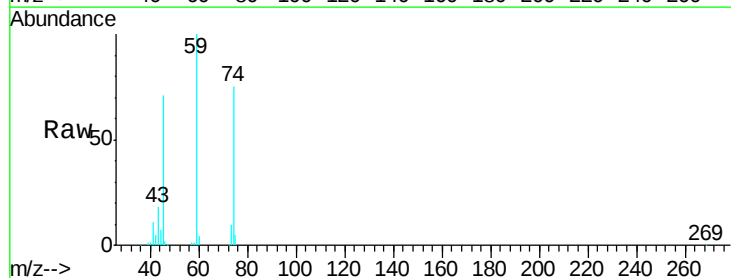
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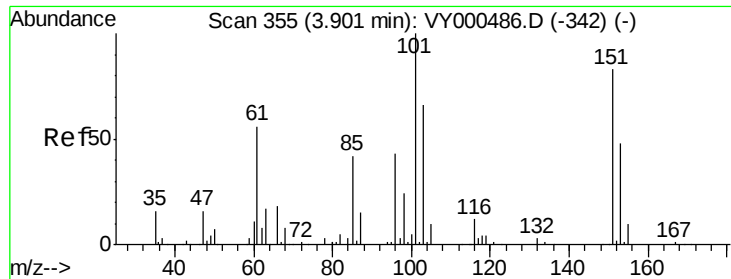


#8

Diethyl Ether
Concen: 24.209 ug/l
RT: 3.54 min Scan# 295
Delta R.T. 0.00 min
Lab File: VY000600.D
Acq: 07 Nov 2019 23:30

Tgt Ion: 74 Resp: 36089
Ion Ratio Lower Upper
74 100
45 91.6 45.5 136.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.164 ug/l

RT: 3.90 min Scan# 355

Delta R.T. 0.00 min

Lab File: VY000600.D

Acq: 07 Nov 2019 23:30

Instrument :

MSVOA_Y

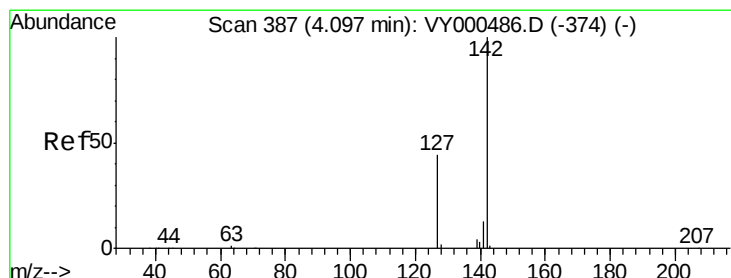
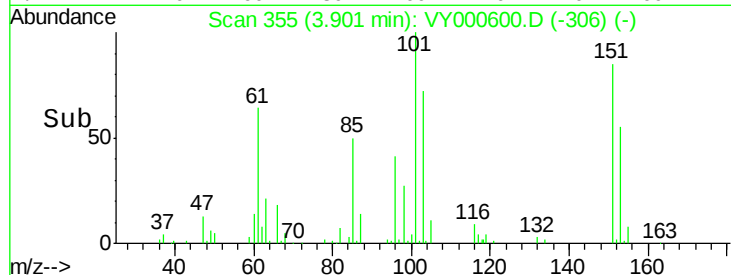
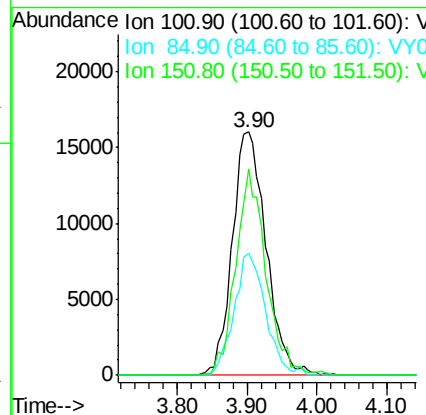
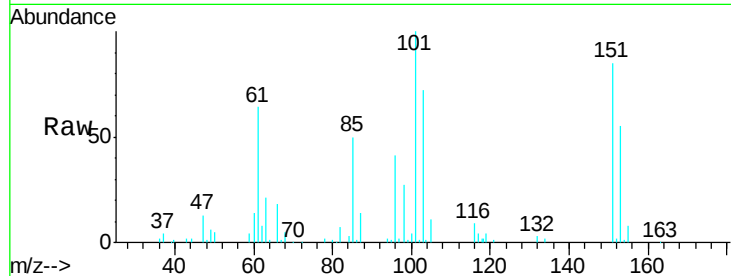
ClientSampleId :

VY1107SBS02

Tgt Ion:	101	Resp:	53680
Ion Ratio	Lower	Upper	
101	100		
85	46.1	36.7	55.1
151	75.6	64.3	96.5

Manual Integrations
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#10

Methyl Iodide

Concen: 21.663 ug/l

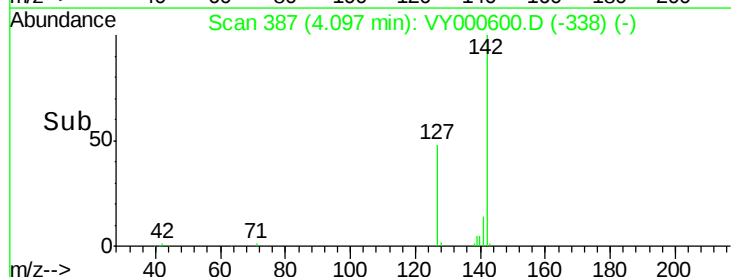
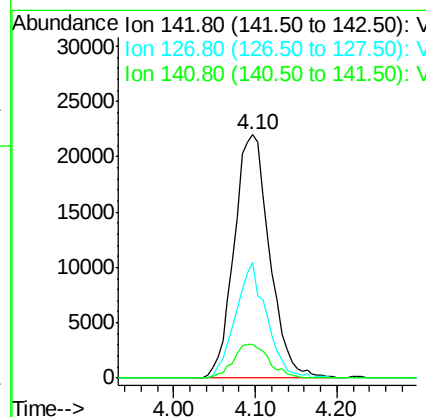
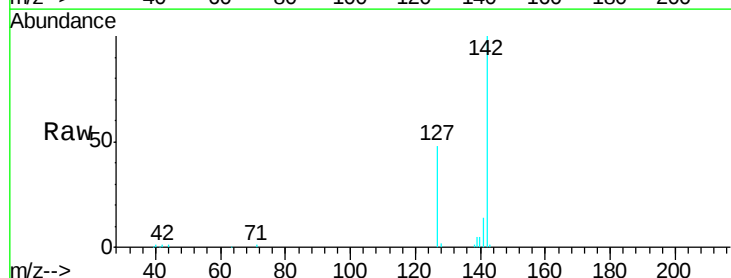
RT: 4.10 min Scan# 387

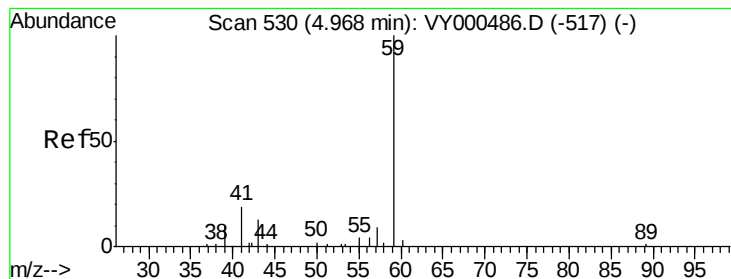
Delta R.T. 0.00 min

Lab File: VY000600.D

Acq: 07 Nov 2019 23:30

Tgt Ion:	142	Resp:	65858
Ion Ratio	Lower	Upper	
142	100		
127	42.1	33.7	50.5
141	14.0	10.9	16.3





#11

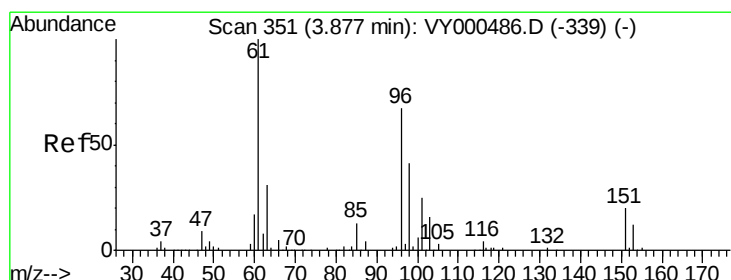
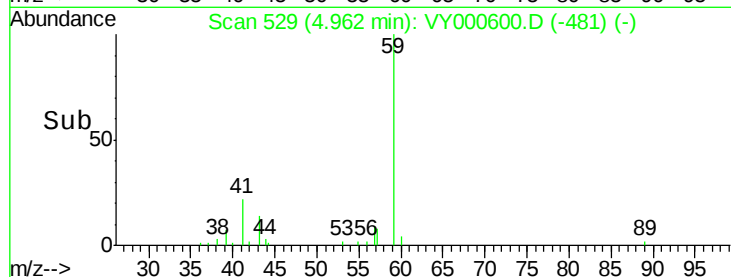
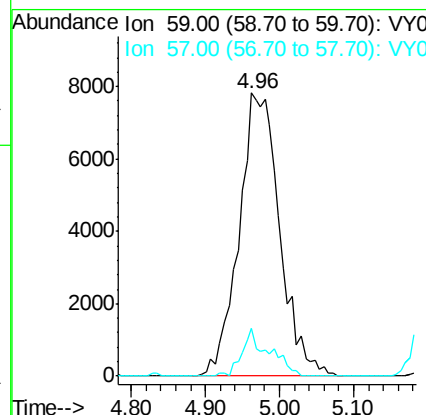
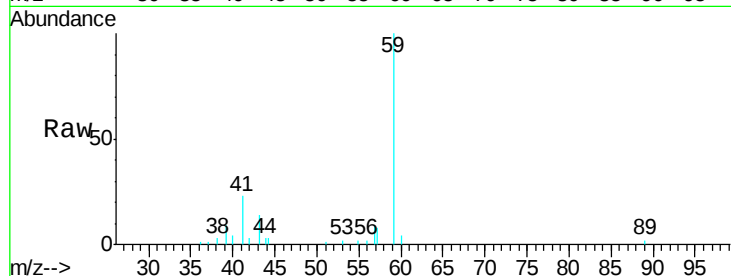
Tert butyl alcohol
 Concen: 120.067 ug/l
 RT: 4.96 min Scan# 529
 Delta R.T. -0.01 min
 Lab File: VY000600.D
 Acq: 07 Nov 2019 23:30

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1107SBS02

Tgt Ion	Ratio	Lower	Upper
59	100		
57	11.2	8.6	12.8

Manual Integrations
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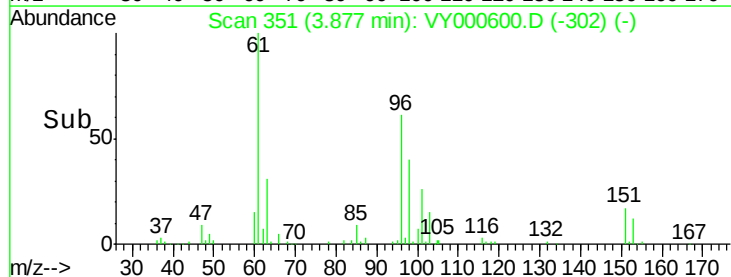
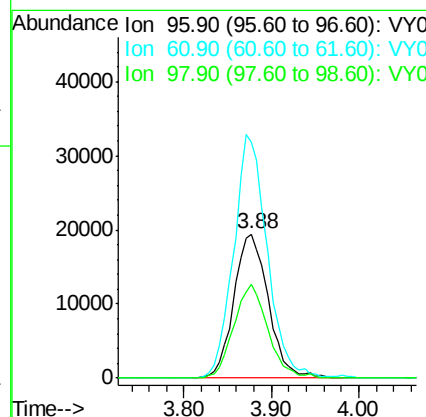
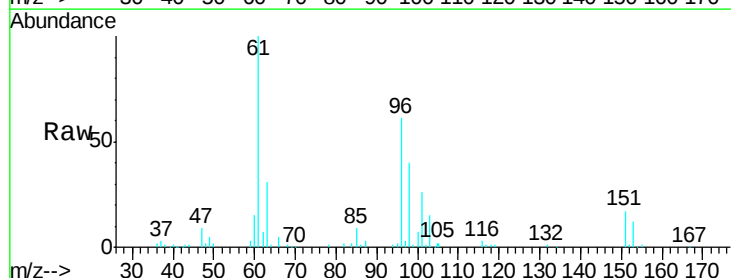
MMDadoda
 11/8/2019 4:07:24 PM

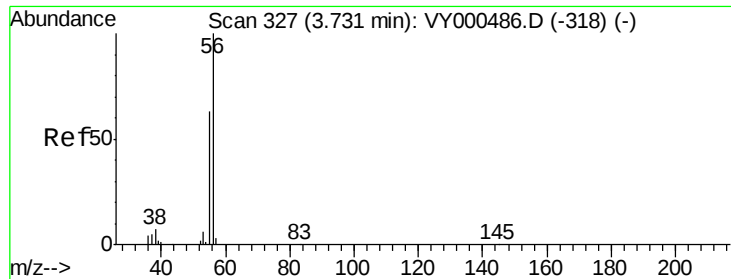


#12

1,1-Dichloroethene
 Concen: 21.571 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. 0.00 min
 Lab File: VY000600.D
 Acq: 07 Nov 2019 23:30

Tgt Ion	Ratio	Lower	Upper
96	100		
61	163.6	119.2	178.8
98	65.1	48.6	73.0





#13

Acrolein

Concen: 87.082 ug/l

RT: 3.73 min Scan# 327

Delta R.T. 0.00 min

Lab File: VY000600.D

Acq: 07 Nov 2019 23:30

Instrument :

MSVOA_Y

ClientSampleId :

VY1107SBS02

Tgt Ion: 56 Resp: 18851

Ion Ratio Lower Upper

56 100

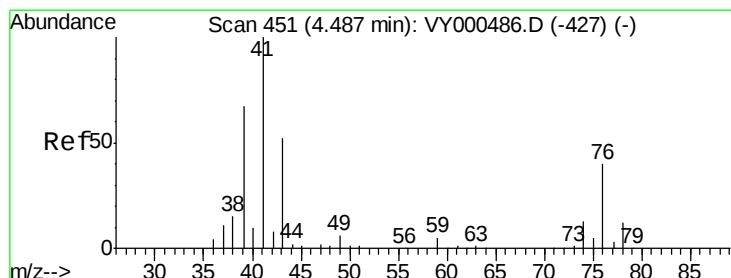
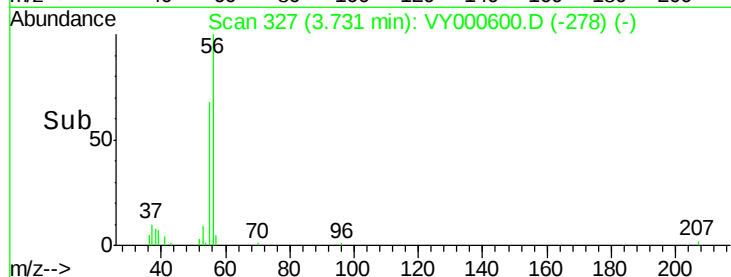
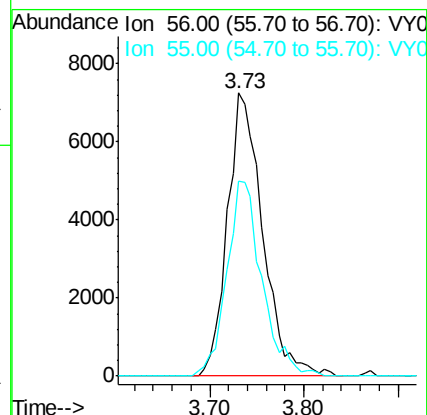
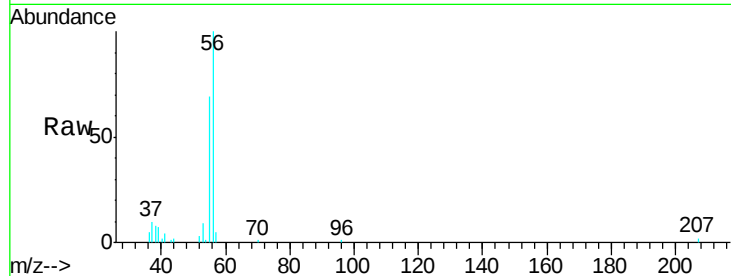
55 68.4 57.0 85.6

Manual Integrations

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#14

Allyl chloride

Concen: 23.409 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.00 min

Lab File: VY000600.D

Acq: 07 Nov 2019 23:30

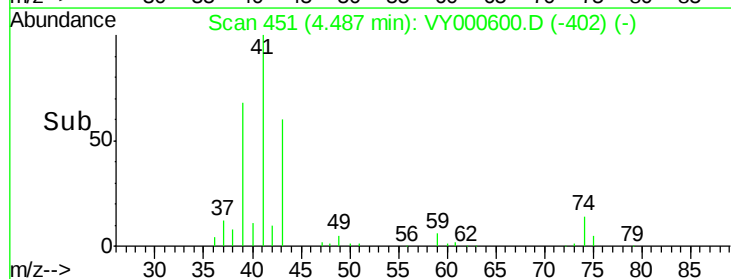
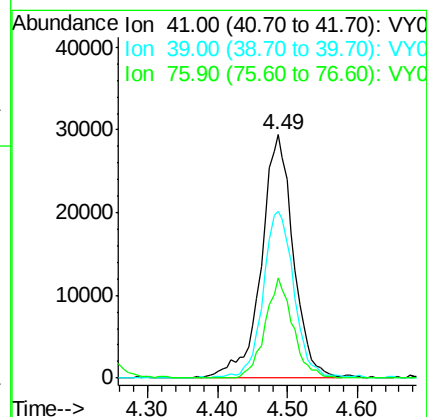
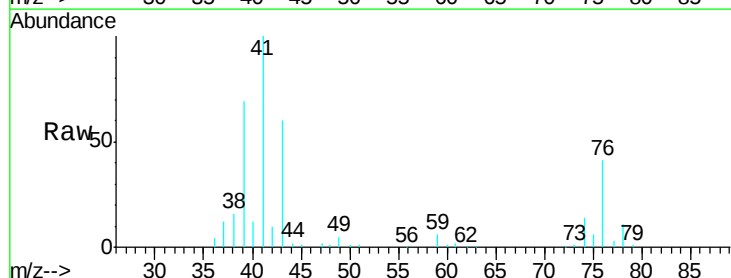
Tgt Ion: 41 Resp: 93800

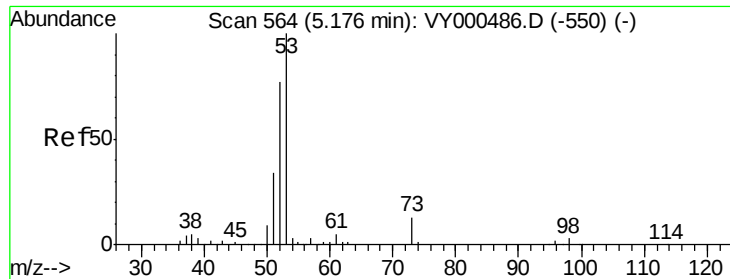
Ion Ratio Lower Upper

41 100

39 65.6 53.6 80.4

76 35.5 29.8 44.6





#15

Acrylonitrile

Concen: 124.279 ug/l

RT: 5.17 min Scan# 563

Delta R.T. -0.01 min

Lab File: VY000600.D

Acq: 07 Nov 2019 23:30

Instrument :

MSVOA_Y

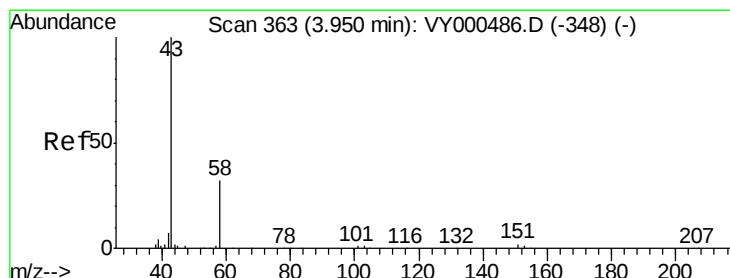
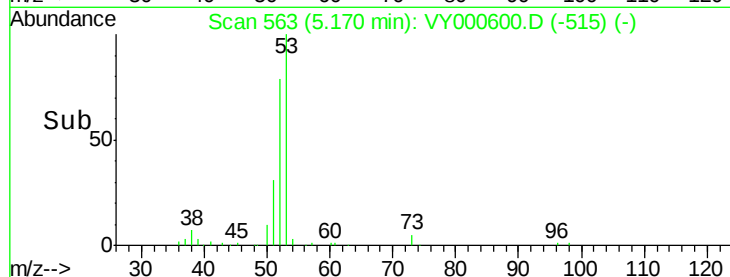
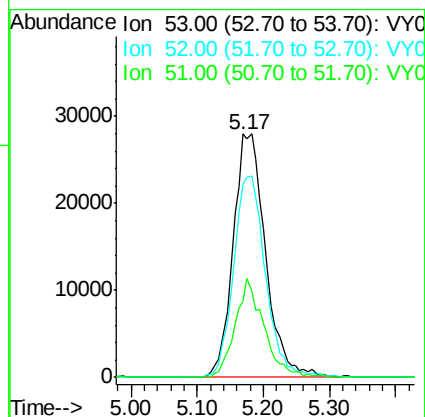
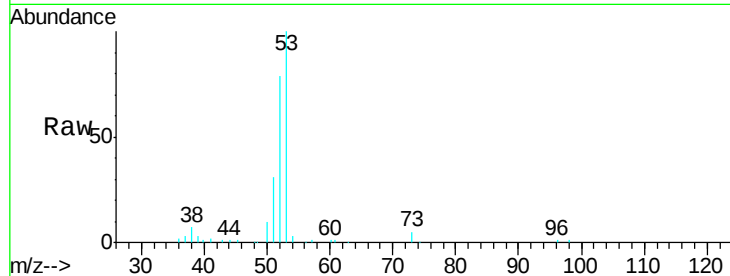
ClientSampleId :

VY1107SBS02

Tgt Ion:	53	Resp:	94906
Ion	Ratio	Lower	Upper
53	100		
52	81.7	64.9	97.3
51	36.0	27.6	41.4

Manual Integrations
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#16

Acetone

Concen: 102.541 ug/l

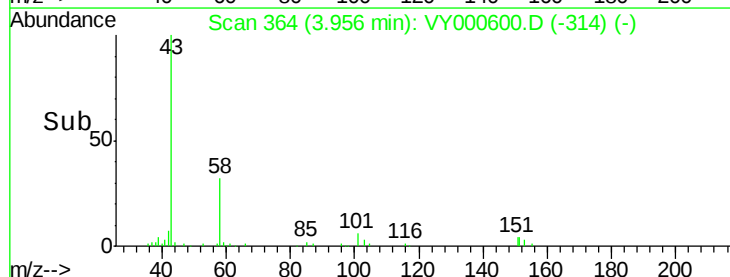
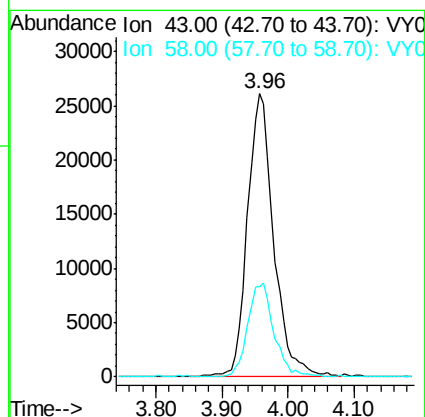
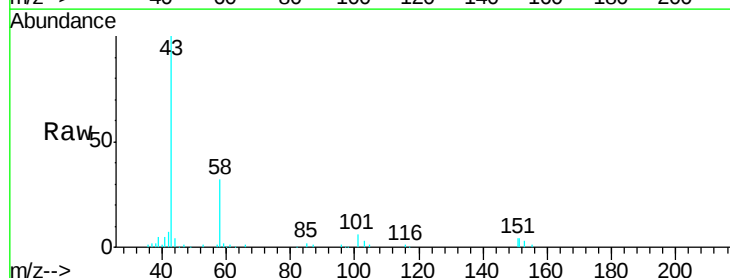
RT: 3.96 min Scan# 364

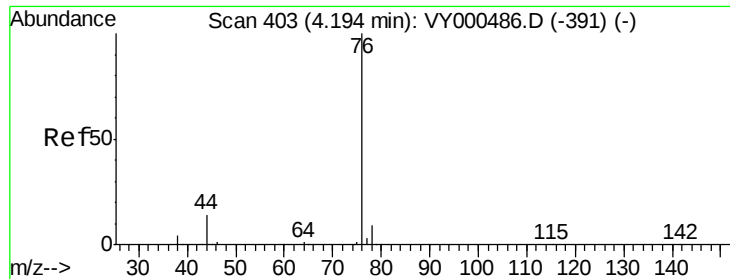
Delta R.T. 0.01 min

Lab File: VY000600.D

Acq: 07 Nov 2019 23:30

Tgt Ion:	43	Resp:	72152
Ion	Ratio	Lower	Upper
43	100		
58	31.7	25.8	38.6





#17

Carbon Disulfide

Concen: 21.289 ug/l

RT: 4.19 min Scan# 403

Delta R.T. 0.00 min

Lab File: VY000600.D

Acq: 07 Nov 2019 23:30

Instrument :

MSVOA_Y

ClientSampleId :

VY1107SBSD02

Tgt Ion: 76 Resp: 165466

Ion Ratio Lower Upper

76 100

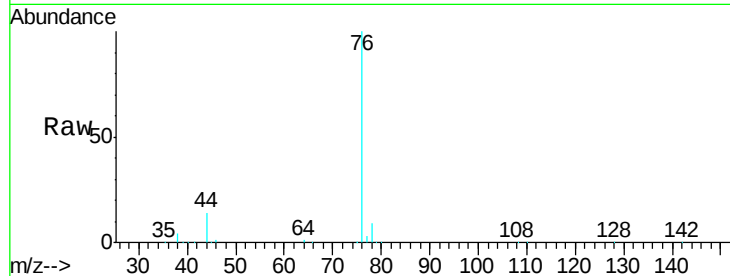
78 8.9 7.5 11.3

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

60000

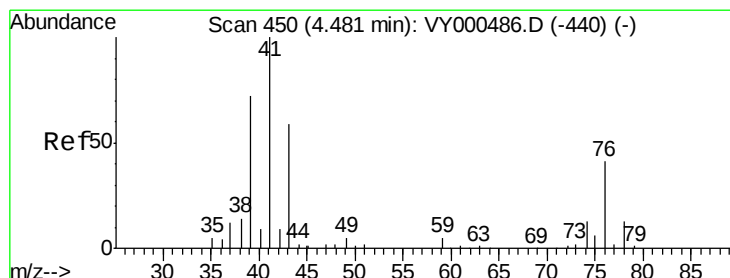
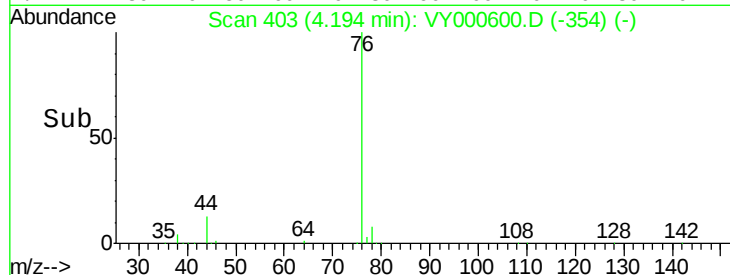
40000

20000

0

4.10 4.20 4.30

Time-->



#18

Methyl Acetate

Concen: 25.739 ug/l

RT: 4.49 min Scan# 452

Delta R.T. 0.01 min

Lab File: VY000600.D

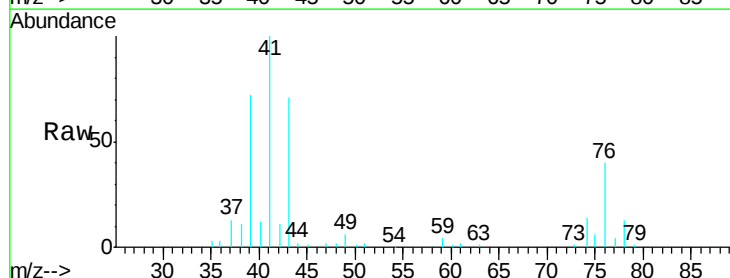
Acq: 07 Nov 2019 23:30

Tgt Ion: 43 Resp: 56313

Ion Ratio Lower Upper

43 100

74 23.4 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0

20000

15000

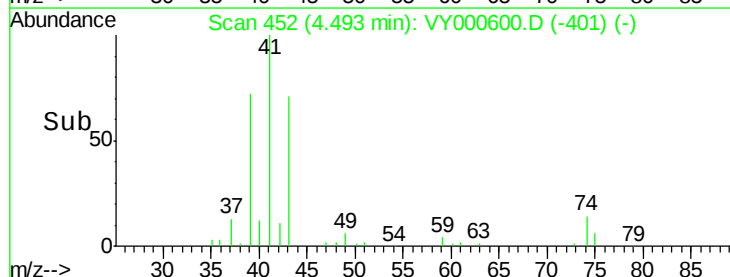
10000

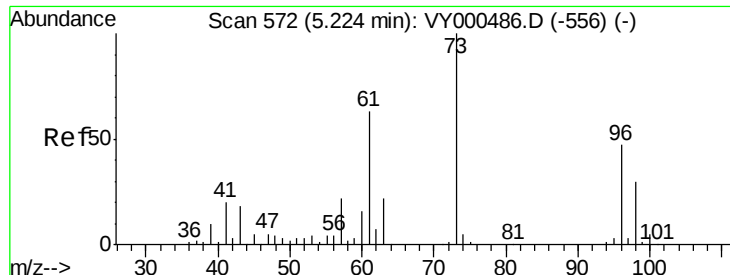
5000

0

4.40 4.50 4.60

Time-->





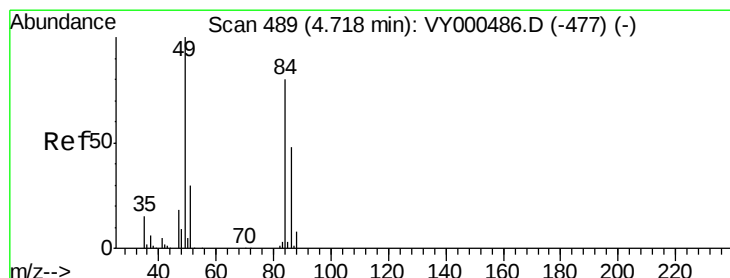
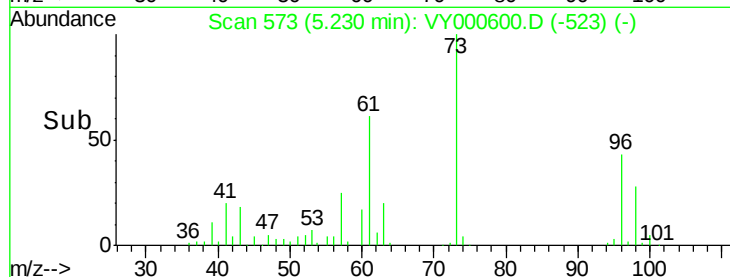
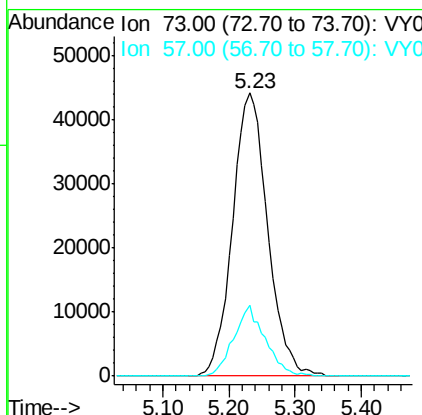
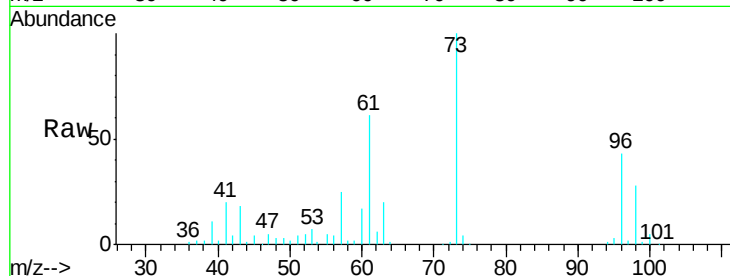
#19
Methyl tert-butyl Ether
Concen: 23.815 ug/l
RT: 5.23 min Scan# 573
Delta R.T. 0.01 min
Lab File: VY000600.D
Acq: 07 Nov 2019 23:30

Instrument :
MSVOA_Y
ClientSampleId :
VY1107SBS02

Tgt Ion: 73 Resp: 163172
Ion Ratio Lower Upper
73 100
57 25.2 17.4 26.0

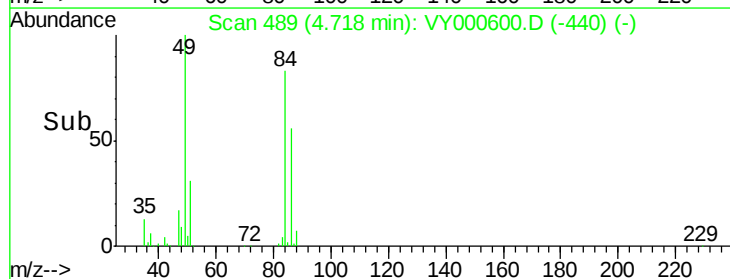
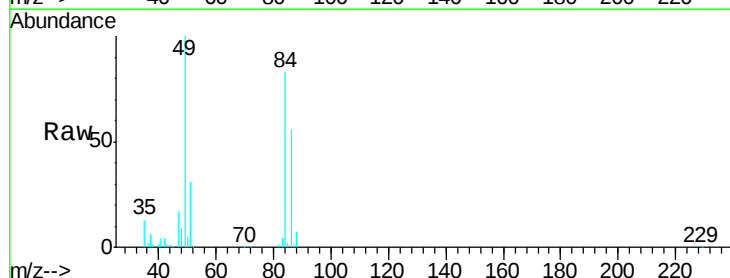
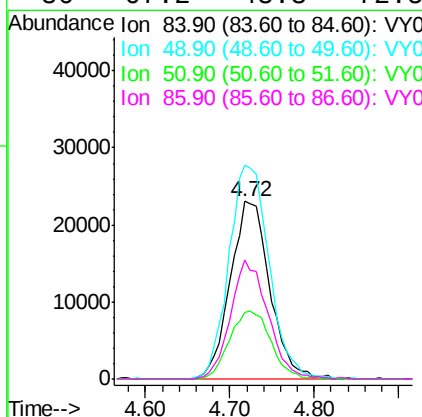
Manual Integrations
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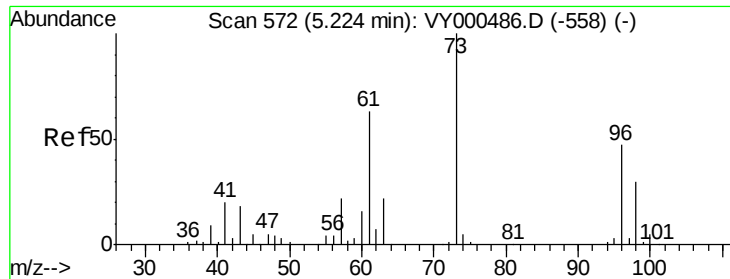
MMDadoda
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#20
Methylene Chloride
Concen: 24.273 ug/l
RT: 4.72 min Scan# 489
Delta R.T. 0.00 min
Lab File: VY000600.D
Acq: 07 Nov 2019 23:30

Tgt Ion: 84 Resp: 73184
Ion Ratio Lower Upper
84 100
49 120.4 100.2 150.4
51 37.6 29.6 44.4
86 67.2 48.3 72.5





#21

trans-1,2-Dichloroethene

Concen: 22.354 ug/l

RT: 5.22 min Scan# 572

Delta R.T. 0.00 min

Lab File: VY000600.D

Acq: 07 Nov 2019 23:30

Instrument :

MSVOA_Y

ClientSampleId :

VY1107SBS02

Tgt Ion: 96 Resp: 62276

Ion Ratio Lower Upper

96 100

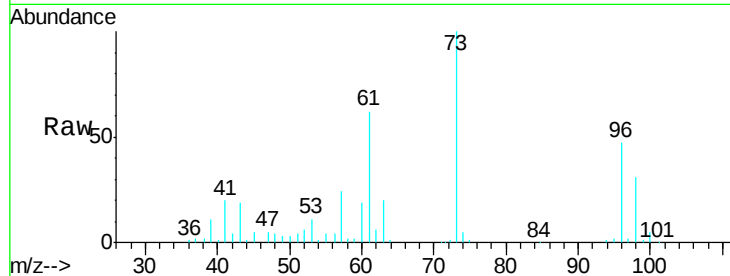
61 130.4 106.6 160.0

98 64.4 50.6 76.0

Manual Integrations
APPROVED

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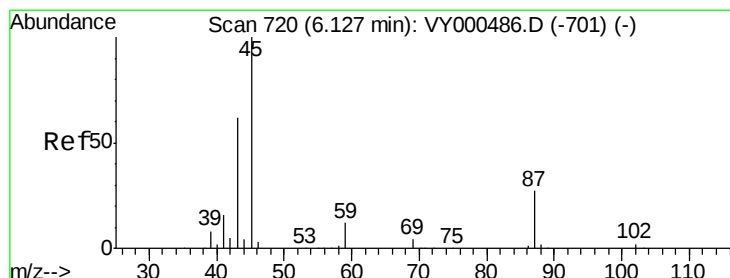
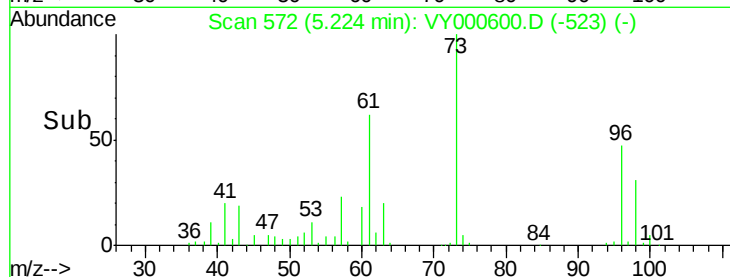
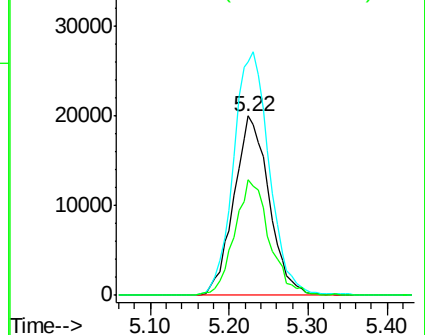
11/8/2019 4:07:24 PM



Abundance Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0



#22

Diisopropyl ether

Concen: 24.012 ug/l

RT: 6.13 min Scan# 721

Delta R.T. 0.01 min

Lab File: VY000600.D

Acq: 07 Nov 2019 23:30

Tgt Ion: 45 Resp: 209126

Ion Ratio Lower Upper

45 100

43 58.4 50.0 75.0

87 25.1 21.6 32.4

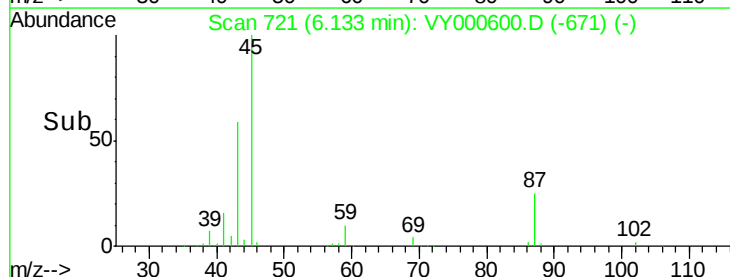
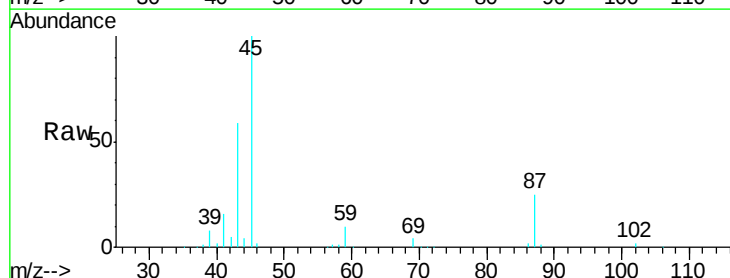
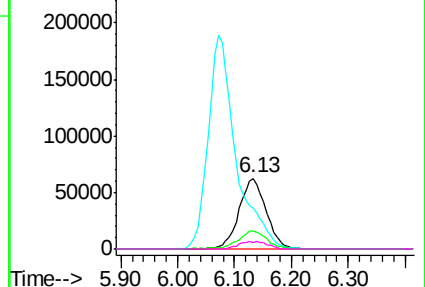
59 9.9 9.5 14.3

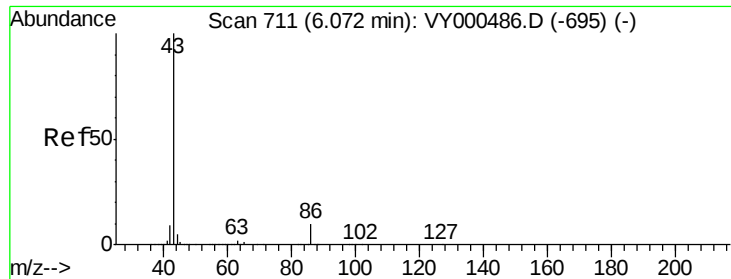
Abundance Ion 45.00 (44.70 to 45.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 87.00 (86.70 to 87.70): VY0

Ion 59.00 (58.70 to 59.70): VY0





#23

Vinyl Acetate

Concen: 117.035 ug/l

RT: 6.07 min Scan# 711

Delta R.T. 0.00 min

Lab File: VY000600.D

Acq: 07 Nov 2019 23:30

Instrument :

MSVOA_Y

ClientSampleId :

VY1107SBS02

Tgt Ion: 43 Resp: 643441

Ion Ratio Lower Upper

43 100

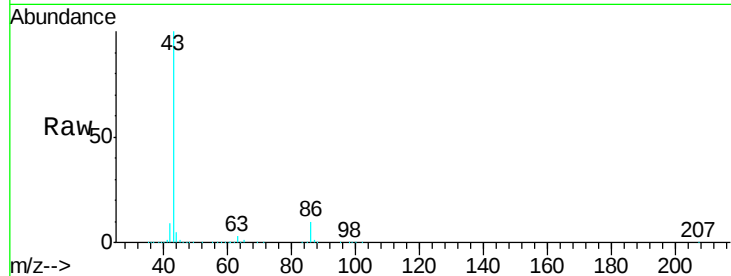
86 9.9 7.8 11.6

Manual Integrations

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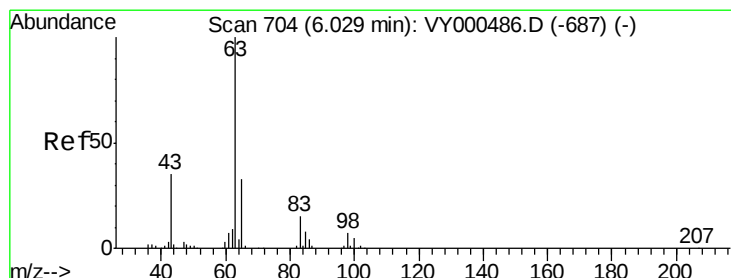
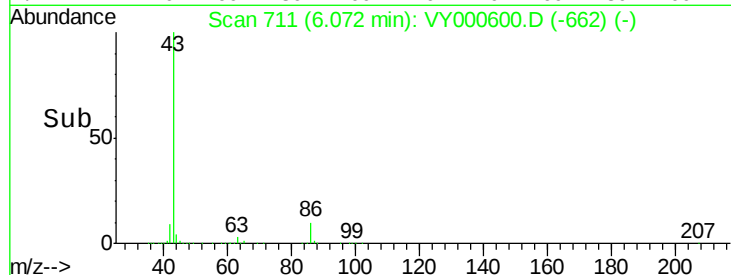
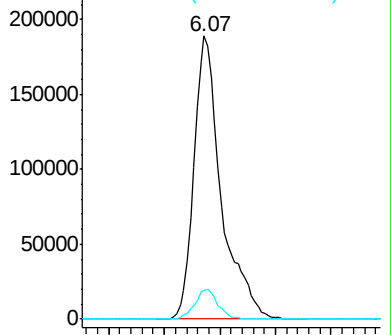
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 23.615 ug/l

RT: 6.03 min Scan# 704

Delta R.T. 0.00 min

Lab File: VY000600.D

Acq: 07 Nov 2019 23:30

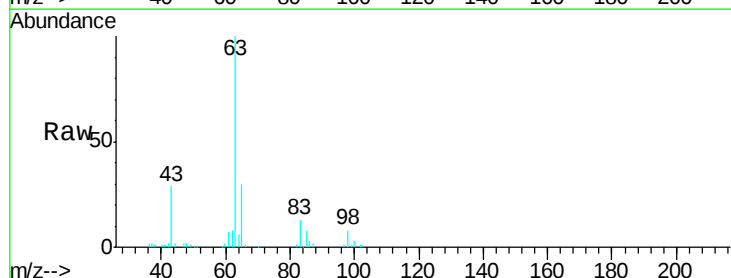
Tgt Ion: 63 Resp: 111423

Ion Ratio Lower Upper

63 100

98 7.6 3.5 10.6

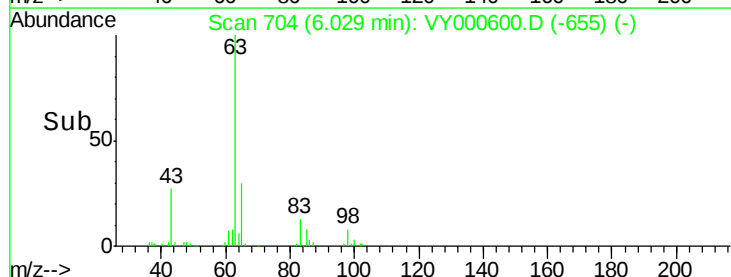
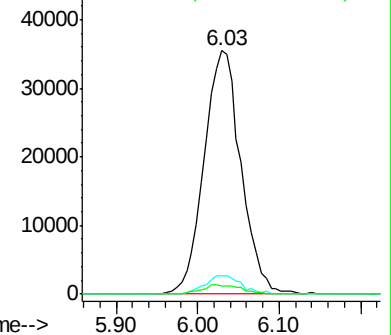
100 3.1 2.4 7.1

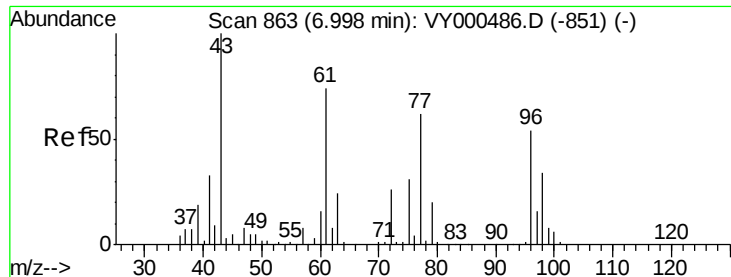


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





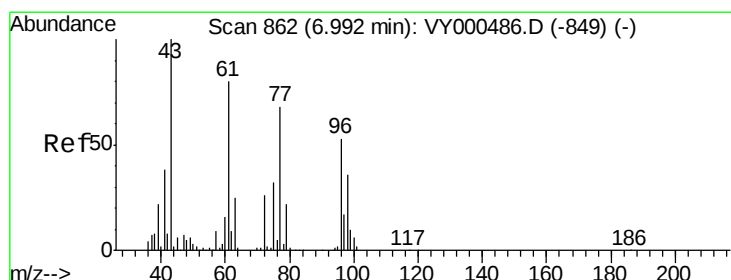
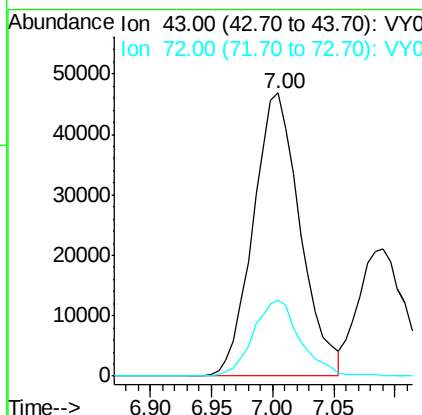
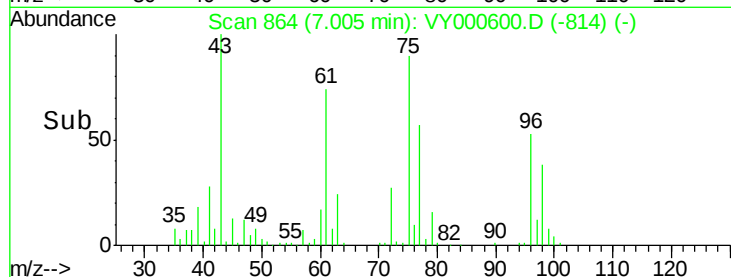
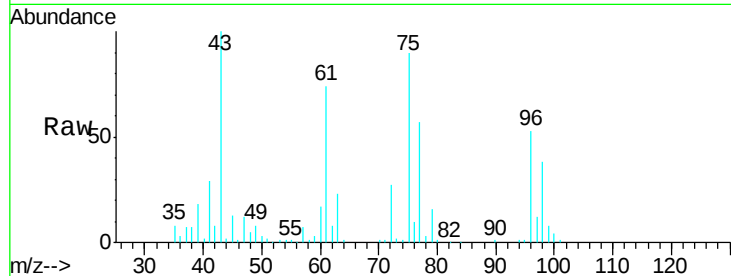
#25
2-Butanone
Concen: 111.916 ug/l
RT: 7.00 min Scan# 864
Delta R.T. 0.01 min
Lab File: VY000600.D
Acq: 07 Nov 2019 23:30

Instrument :
MSVOA_Y
ClientSampleId :
VY1107SBS02

Tgt Ion: 43 Resp: 125678
Ion Ratio Lower Upper
43 100
72 27.0 20.9 31.3

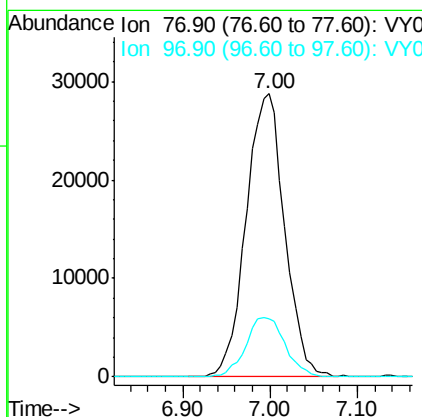
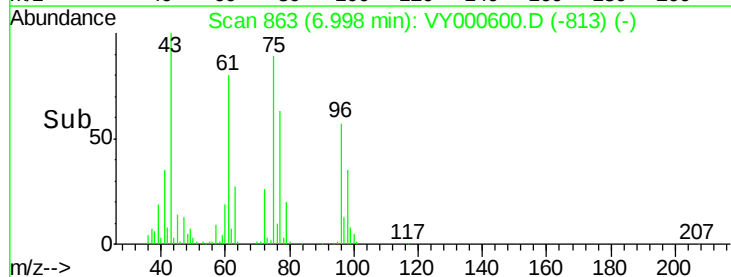
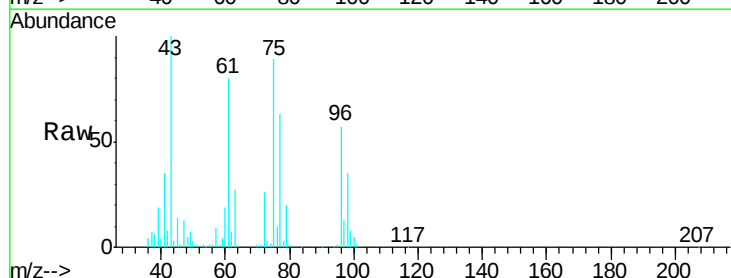
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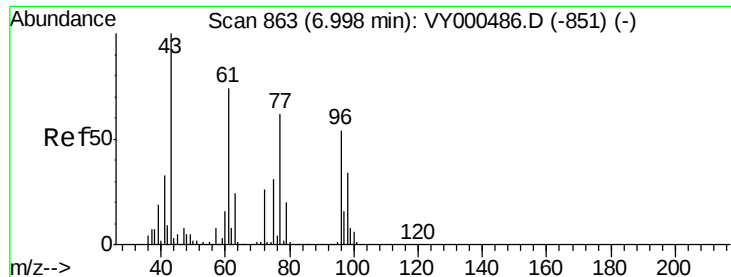
MMDadoda
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#26
2,2-Dichloropropane
Concen: 20.375 ug/l
RT: 7.00 min Scan# 863
Delta R.T. 0.01 min
Lab File: VY000600.D
Acq: 07 Nov 2019 23:30

Tgt Ion: 77 Resp: 87855
Ion Ratio Lower Upper
77 100
97 21.4 11.8 35.4





#27

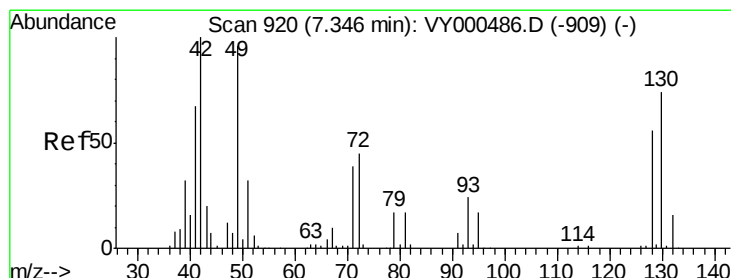
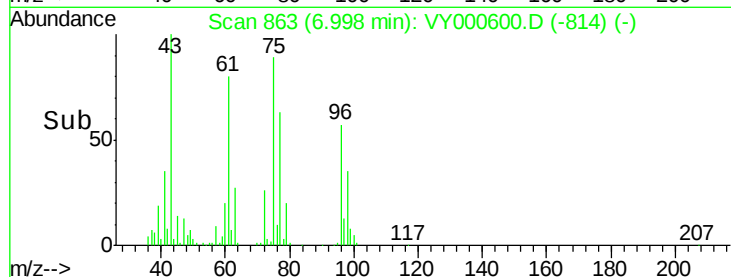
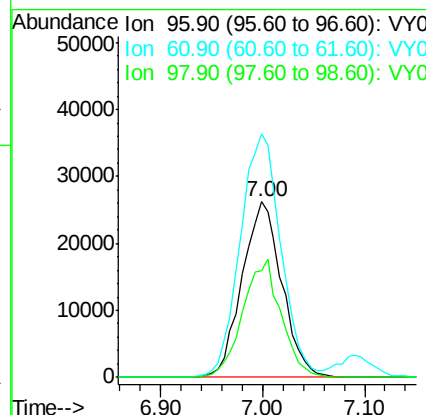
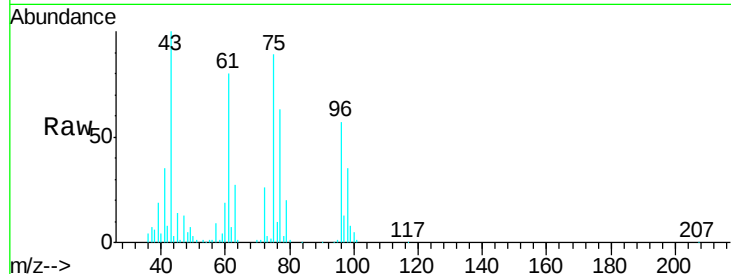
cis-1,2-Dichloroethene
Concen: 23.285 ug/l
RT: 7.00 min Scan# 863
Delta R.T. 0.00 min
Lab File: VY000600.D
Acq: 07 Nov 2019 23:30

Instrument :
MSVOA_Y
ClientSampleId :
VY1107SBS02

Tgt Ion	Ratio	Lower	Upper
96	100		
61	141.9	0.0	287.0
98	64.6	0.0	129.4

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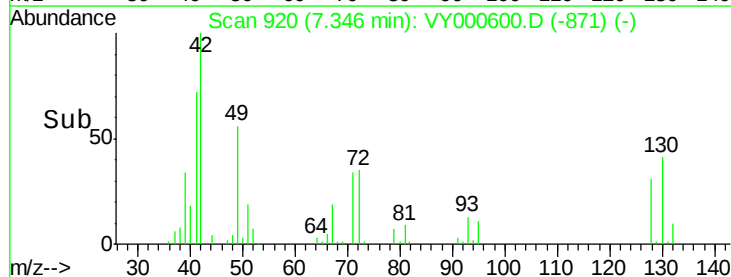
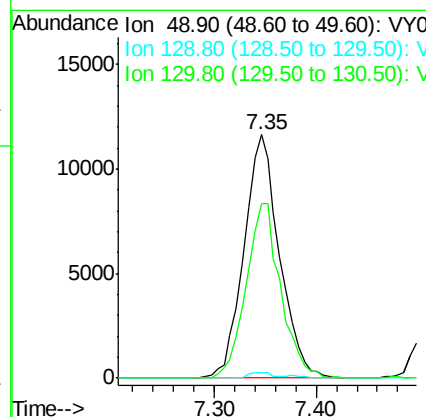
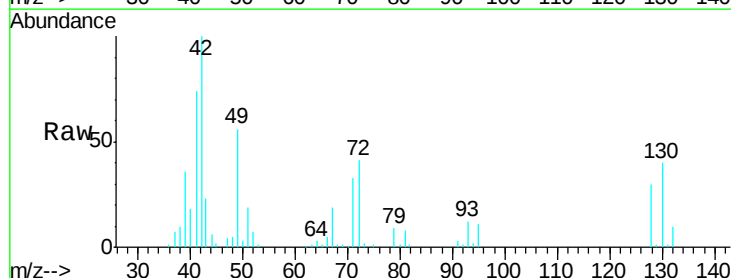
MMDadoda
11/8/2019 4:07:24 PM

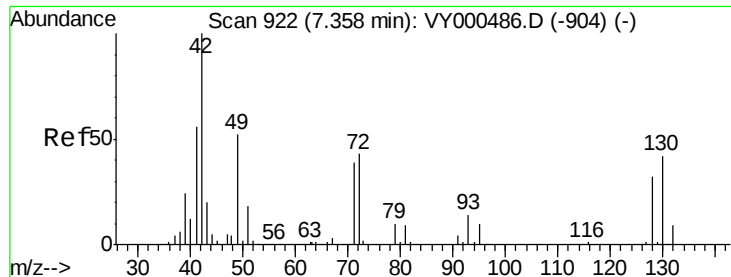


#28

Bromochloromethane
Concen: 16.064 ug/l
RT: 7.35 min Scan# 920
Delta R.T. 0.00 min
Lab File: VY000600.D
Acq: 07 Nov 2019 23:30

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	3.6
130	69.9	59.4	89.0





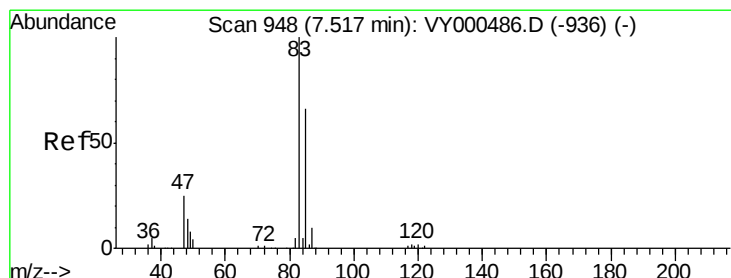
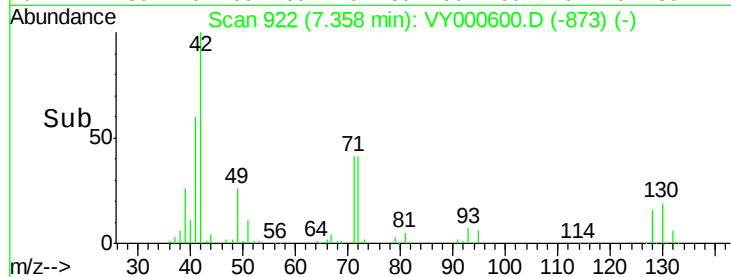
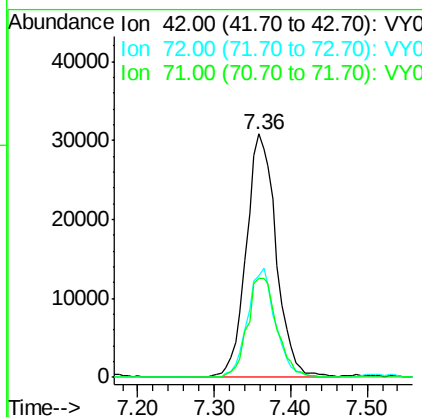
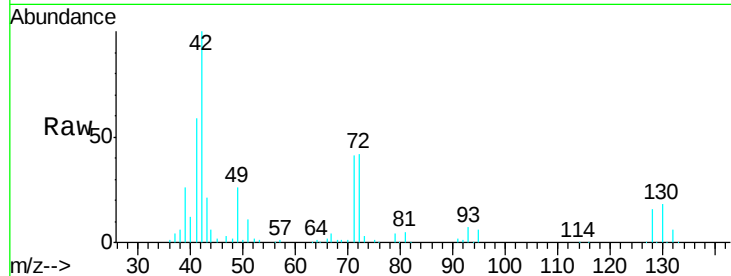
#29
Tetrahydrofuran
Concen: 122.232 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.00 min
Lab File: VY000600.D
Acq: 07 Nov 2019 23:30

Instrument :
MSVOA_Y
ClientSampleId :
VY1107SBS02

Tgt Ion	Ratio	Lower	Upper
42	100		
72	41.7	34.0	51.0
71	40.2	30.8	46.2

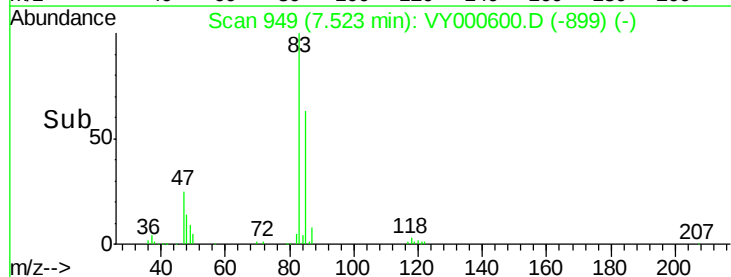
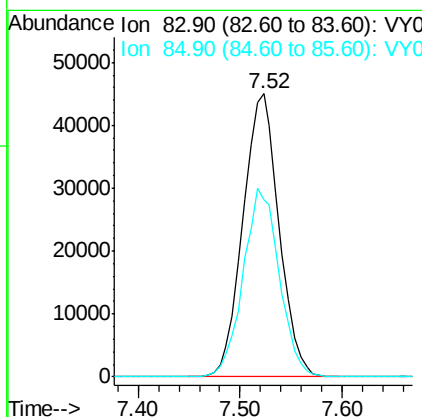
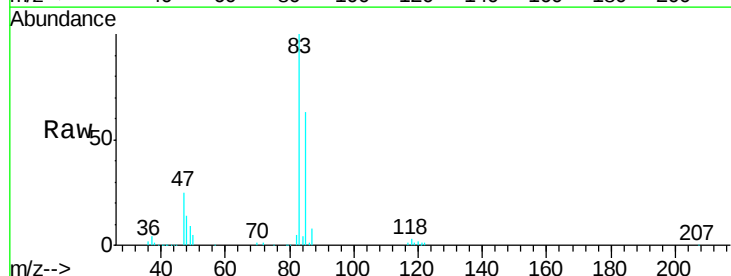
Manual Integrations
APPROVED

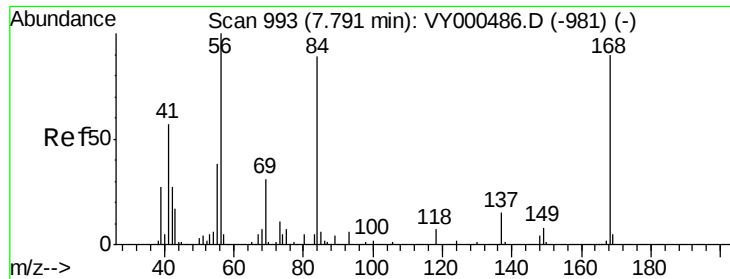
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#30
Chloroform
Concen: 23.153 ug/l
RT: 7.52 min Scan# 949
Delta R.T. 0.01 min
Lab File: VY000600.D
Acq: 07 Nov 2019 23:30

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.8	53.0	79.4





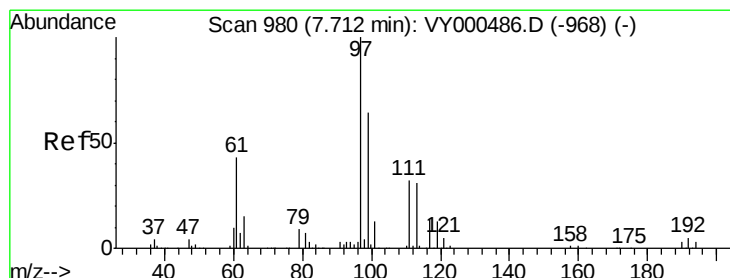
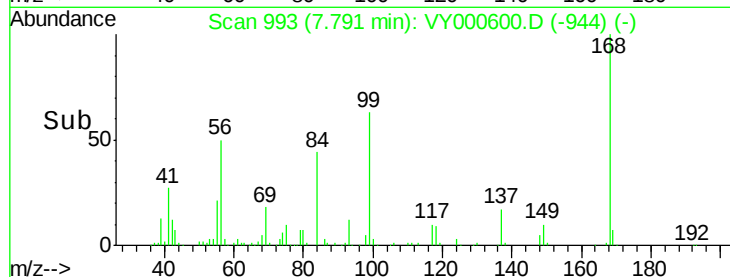
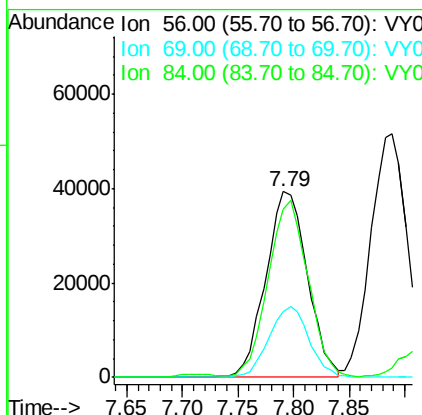
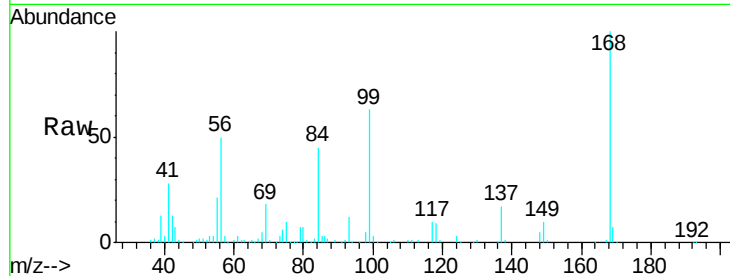
#31
Cyclohexane
Concen: 20.669 ug/l
RT: 7.79 min Scan# 993
Delta R.T. 0.00 min
Lab File: VY000600.D
Acq: 07 Nov 2019 23:30

Instrument :
MSVOA_Y
ClientSampleId :
VY1107SBS02

Tgt Ion	Ratio	Lower	Upper
56	100		
69	35.6	25.0	37.6
84	89.0	71.4	107.2

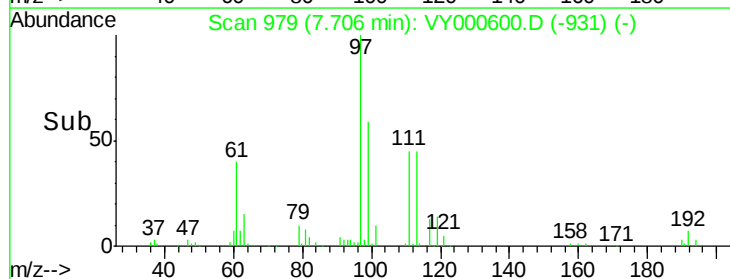
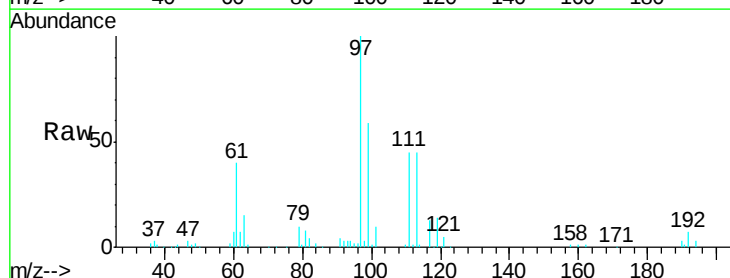
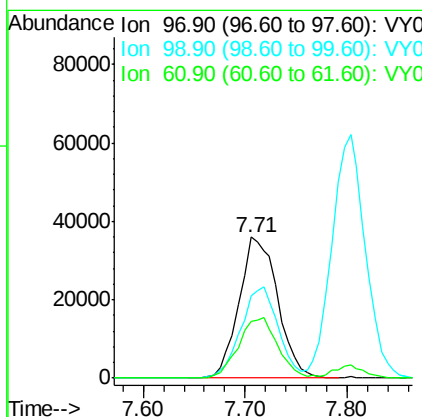
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#32
1,1,1-Trichloroethane
Concen: 22.263 ug/l
RT: 7.71 min Scan# 979
Delta R.T. -0.01 min
Lab File: VY000600.D
Acq: 07 Nov 2019 23:30

Tgt Ion	Ratio	Lower	Upper
97	100		
99	62.5	50.9	76.3
61	43.9	34.9	52.3





#33

1,2-Dichloroethane-d4

Concen: 60.948 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. 0.01 min

Lab File: VY000600.D

Acq: 07 Nov 2019 23:30

Instrument :

MSVOA_Y

ClientSampleId :

VY1107SBS02

Tgt Ion: 65 Resp: 155600

Ion Ratio Lower Upper

65 100

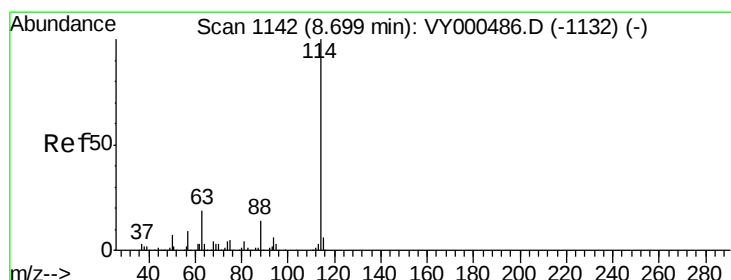
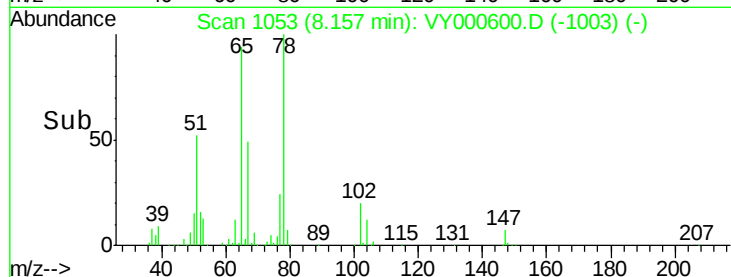
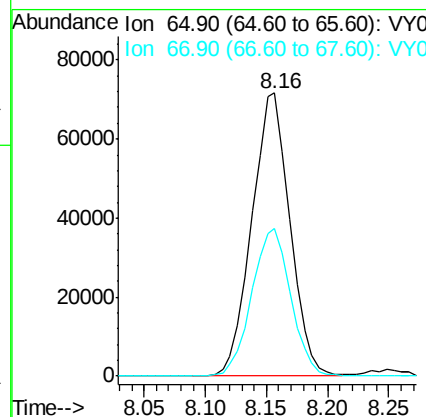
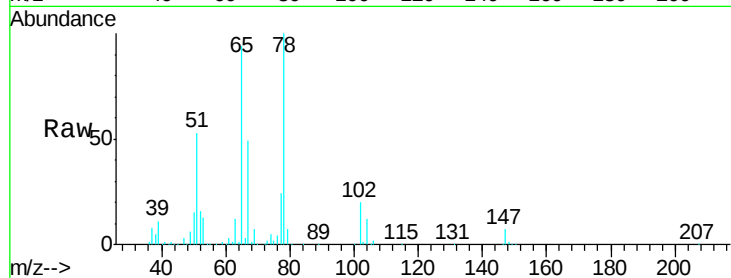
67 53.4 0.0 107.2

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. 0.00 min

Lab File: VY000600.D

Acq: 07 Nov 2019 23:30

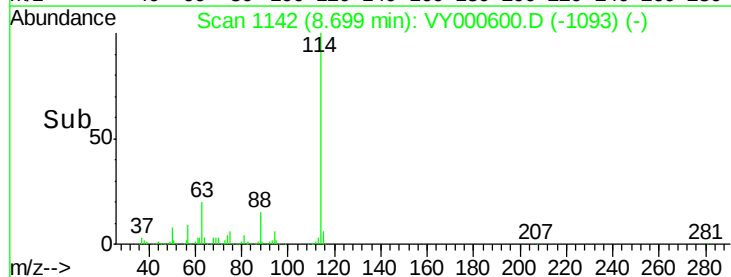
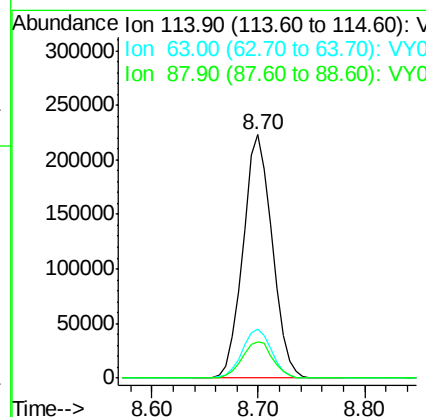
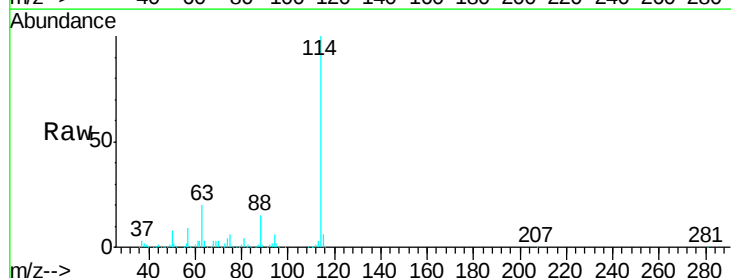
Tgt Ion: 114 Resp: 429799

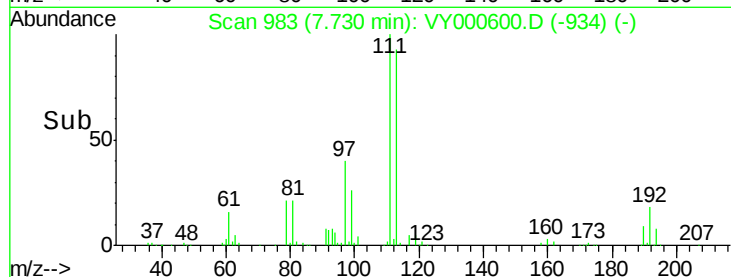
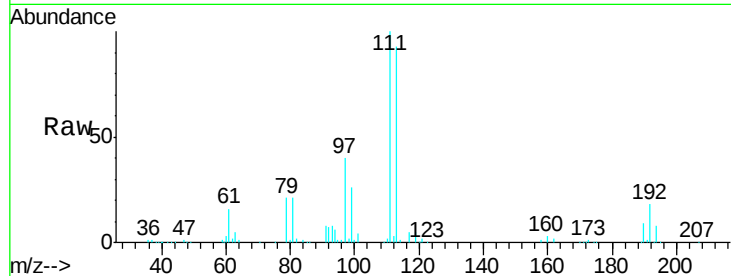
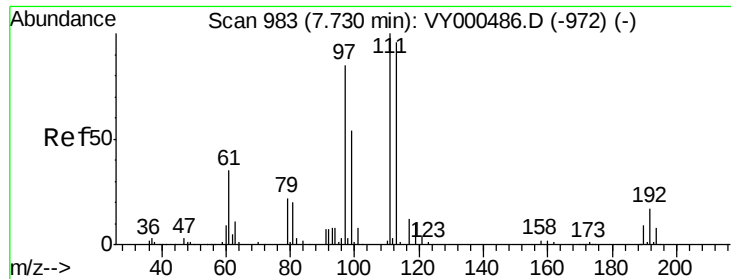
Ion Ratio Lower Upper

114 100

63 20.1 0.0 38.0

88 15.0 0.0 28.6





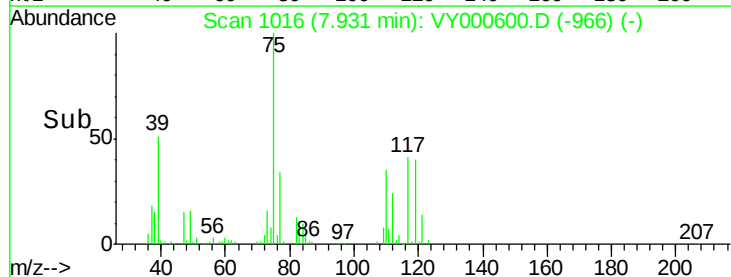
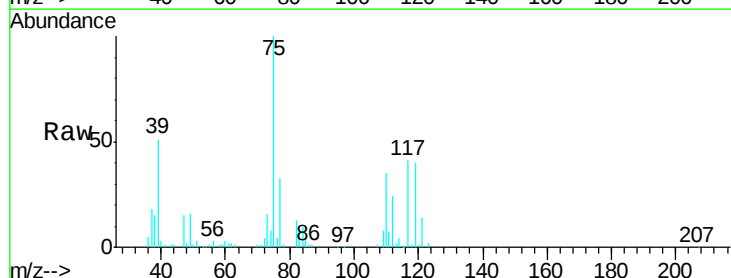
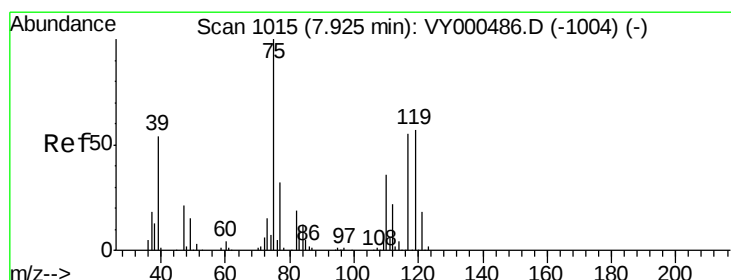
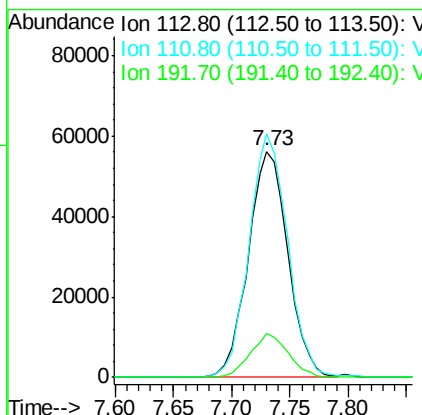
#35
Dibromofluoromethane
Concen: 52.891 ug/l
RT: 7.73 min Scan# 983
Delta R.T. 0.00 min
Lab File: VY000600.D
Acq: 07 Nov 2019 23:30

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	133455		
111	105.2	81.7	122.5	
192	18.6	15.0	22.4	

Instrument :
MSVOA_Y
ClientSampleId :
VY1107SBS02

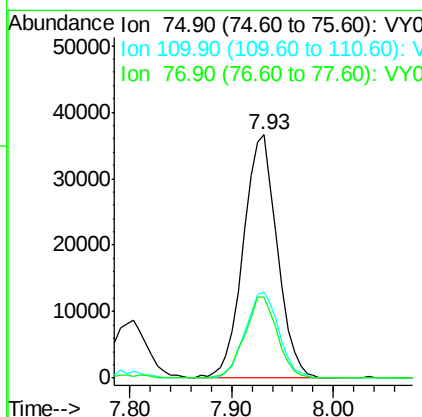
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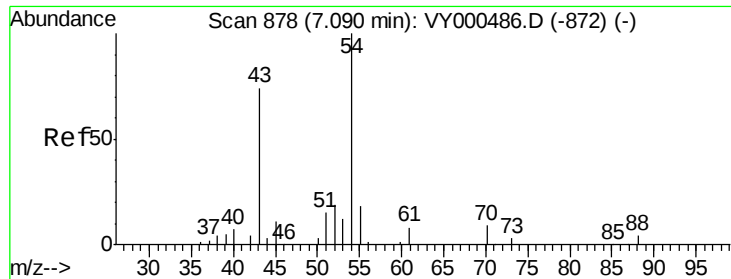
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#36
1,1-Dichloropropene
Concen: 20.884 ug/l
RT: 7.93 min Scan# 1016
Delta R.T. 0.01 min
Lab File: VY000600.D
Acq: 07 Nov 2019 23:30

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	84853		
110	35.1	18.1	54.1	
77	32.2	25.0	37.6	





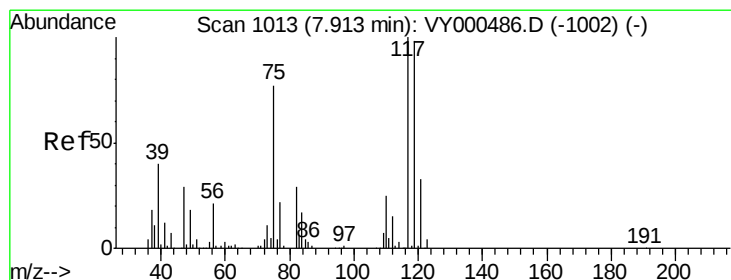
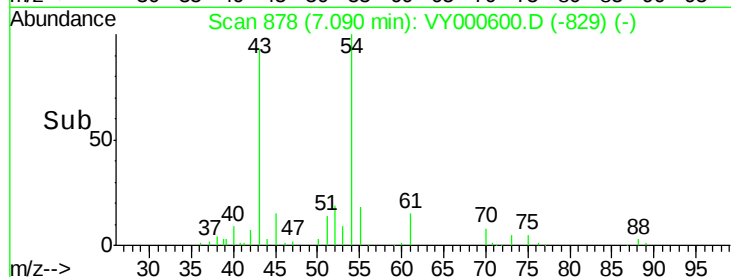
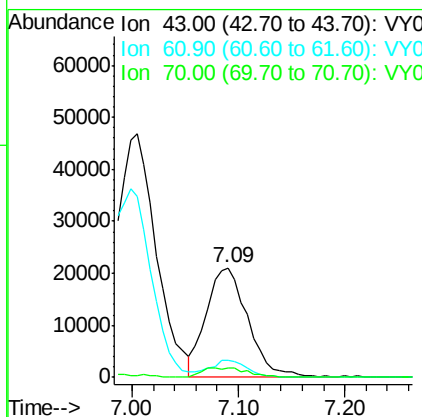
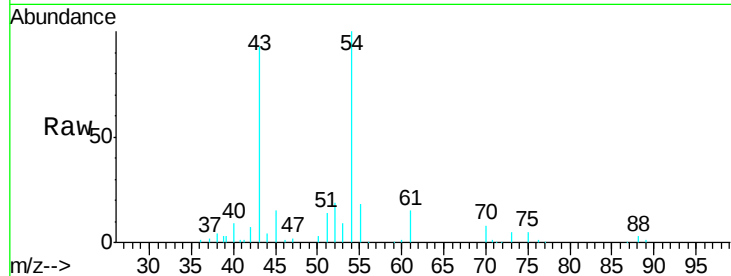
#37
Ethyl Acetate
Concen: 23.513 ug/l
RT: 7.09 min Scan# 878
Delta R.T. 0.00 min
Lab File: VY000600.D
Acq: 07 Nov 2019 23:30

Instrument :
MSVOA_Y
ClientSampleId :
VY1107SBS02

Tgt Ion: 43 Resp: 56719
Ion Ratio Lower Upper
43 100
61 14.6 10.2 15.2
70 9.8 7.8 11.8

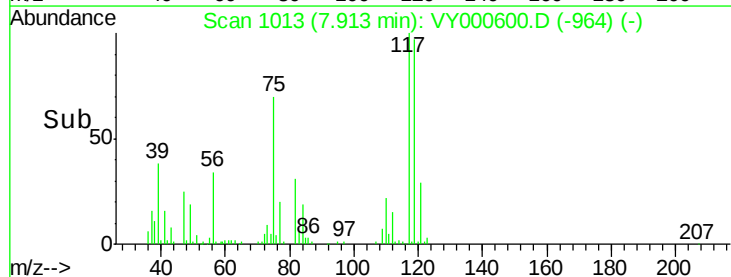
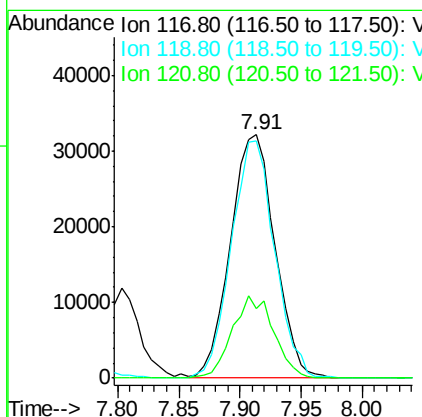
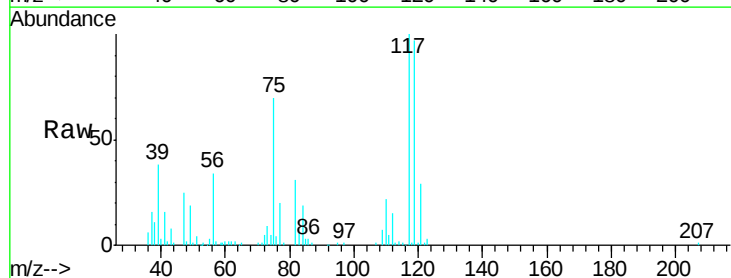
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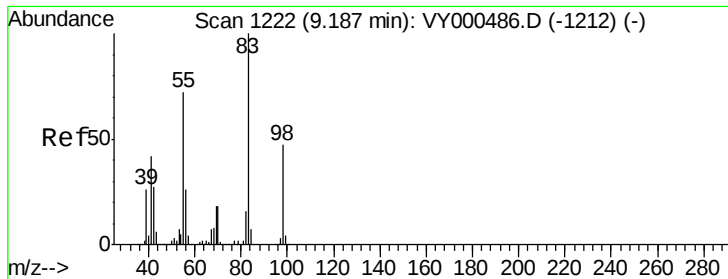
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#38
Carbon Tetrachloride
Concen: 20.842 ug/l
RT: 7.91 min Scan# 1013
Delta R.T. 0.00 min
Lab File: VY000600.D
Acq: 07 Nov 2019 23:30

Tgt Ion: 117 Resp: 81486
Ion Ratio Lower Upper
117 100
119 97.4 78.0 117.0
121 28.6 26.6 40.0





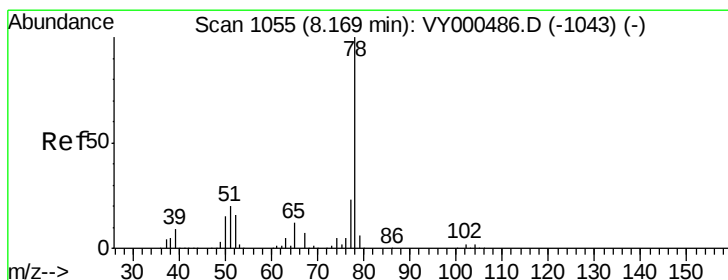
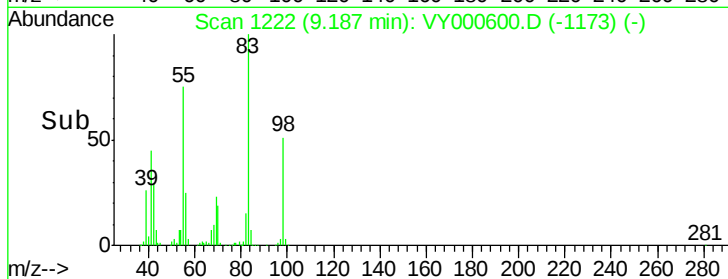
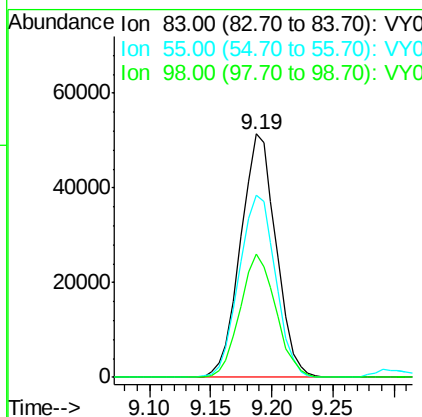
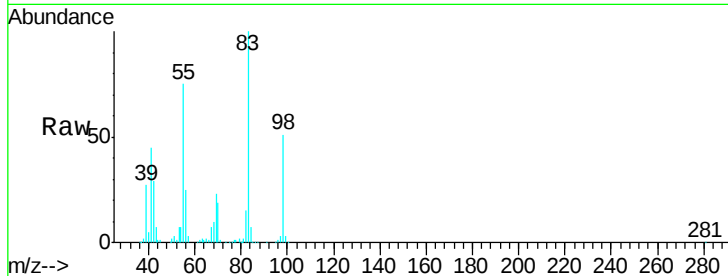
#39
Methylcyclohexane
Concen: 19.749 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY000600.D
Acq: 07 Nov 2019 23:30

Instrument :
MSVOA_Y
ClientSampleId :
VY1107SBS02

Tgt Ion	Ratio	Lower	Upper
83	100		
55	75.0	57.5	86.3
98	50.8	38.0	57.0

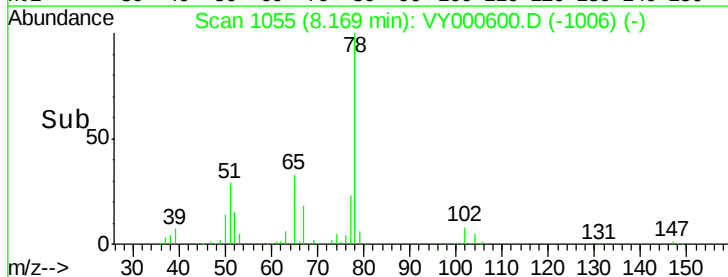
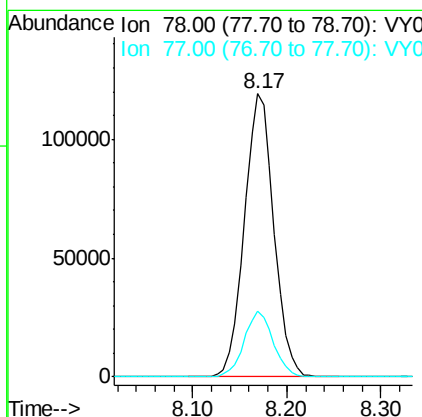
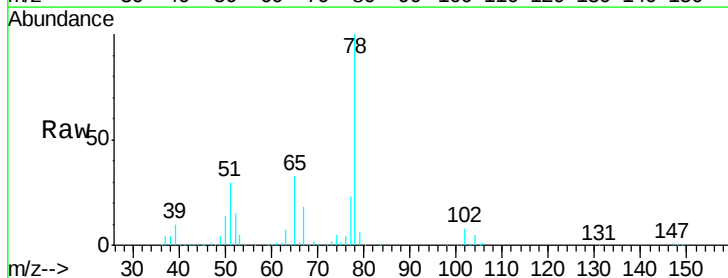
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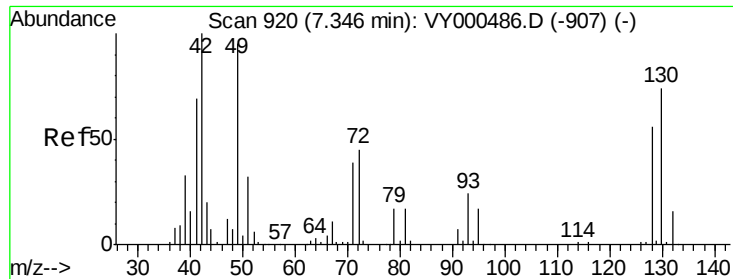
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#40
Benzene
Concen: 21.875 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. 0.00 min
Lab File: VY000600.D
Acq: 07 Nov 2019 23:30

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.2	18.6	28.0





#41

Methacrylonitrile

Concen: 28.460 ug/l m

RT: 7.35 min Scan# 920

Delta R.T. 0.00 min

Lab File: VY000600.D

Acq: 07 Nov 2019 23:30

Instrument :

MSVOA_Y

ClientSampleId :

VY1107SBS02

Tgt Ion: 41 Resp: 38299
Ion Ratio Lower Upper

41 100

39 95.2 68.2 102.4

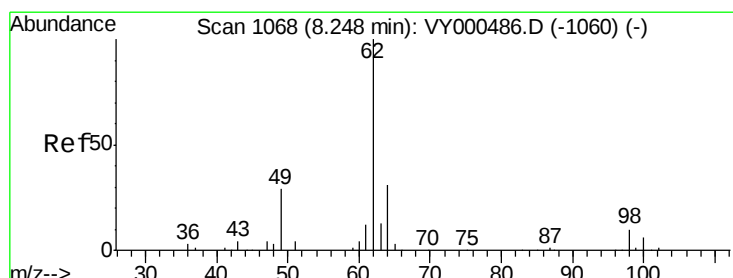
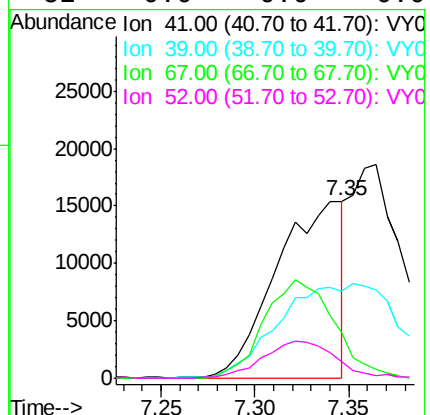
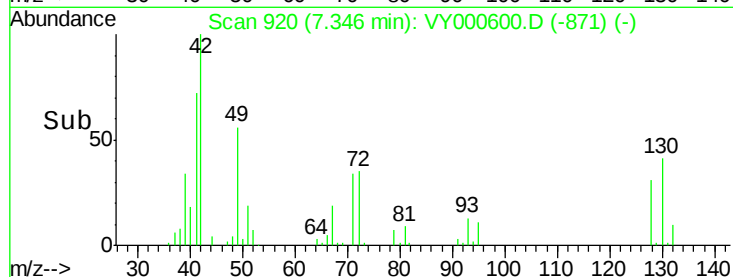
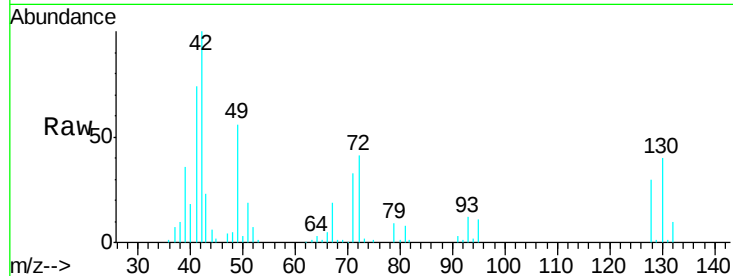
67 0.0 0.0 0.0

52 0.0 0.0 0.0

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 23.112 ug/l

RT: 8.25 min Scan# 1068

Delta R.T. 0.00 min

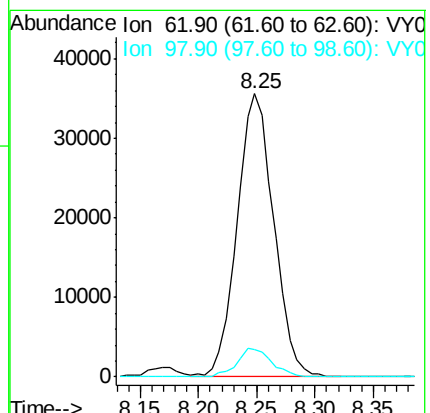
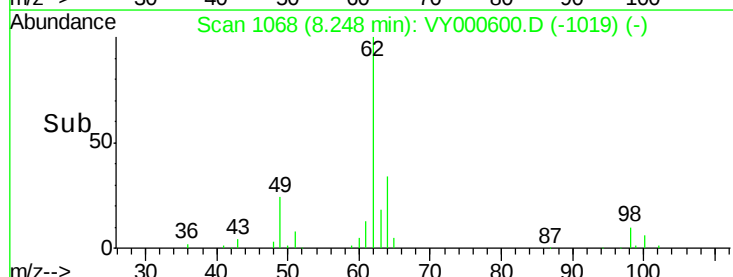
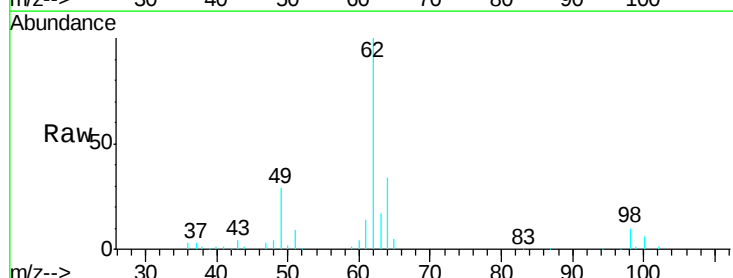
Lab File: VY000600.D

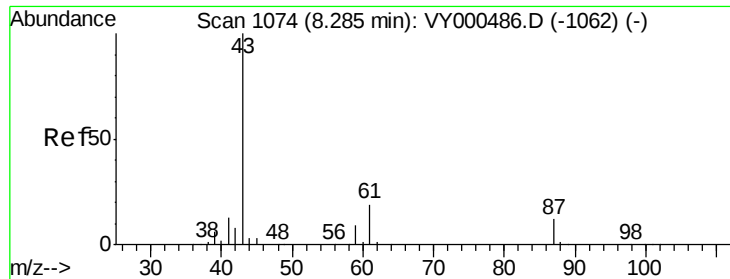
Acq: 07 Nov 2019 23:30

Tgt Ion: 62 Resp: 78085
Ion Ratio Lower Upper

62 100

98 9.6 0.0 19.2





#43

Isopropyl Acetate

Concen: 22.976 ug/l

RT: 8.28 min Scan# 1074

Delta R.T. 0.00 min

Lab File: VY000600.D

Acq: 07 Nov 2019 23:30

Instrument :

MSVOA_Y

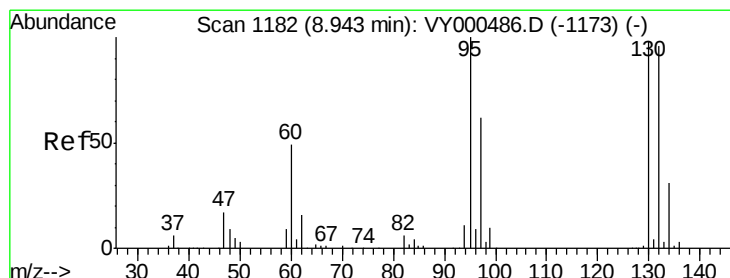
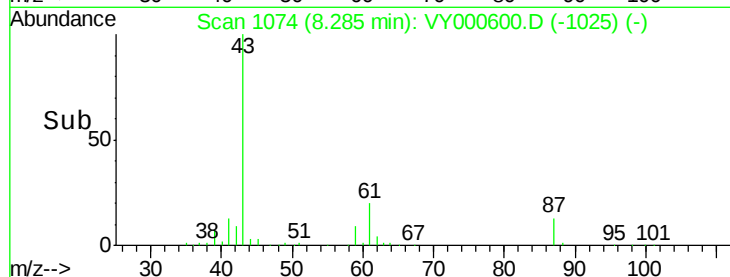
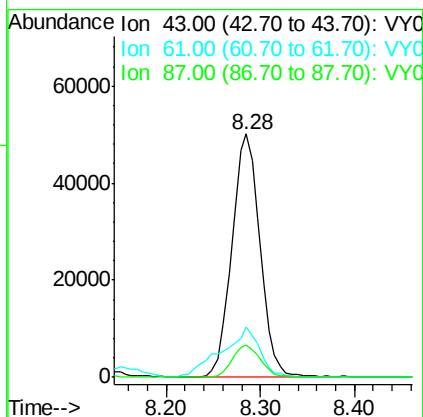
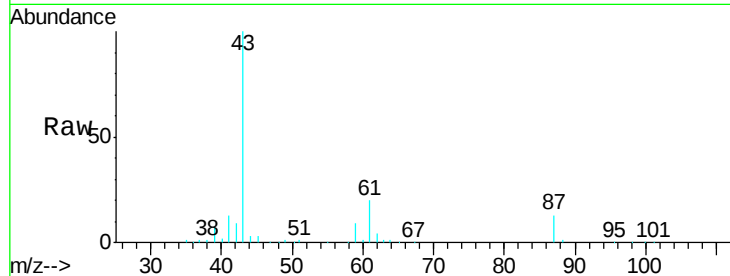
ClientSampleId :

VY1107SBS02

Tgt Ion:	43	Resp:	104117
Ion	Ratio	Lower	Upper
43	100		
61	27.9	23.0	34.4
87	13.3	10.5	15.7

Manual Integrations
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#44

Trichloroethene

Concen: 21.515 ug/l

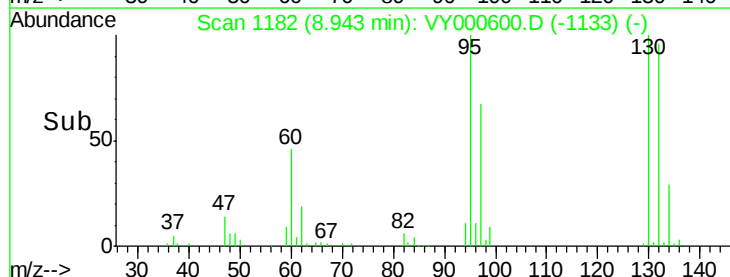
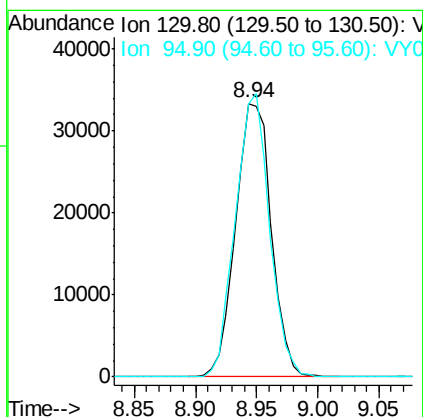
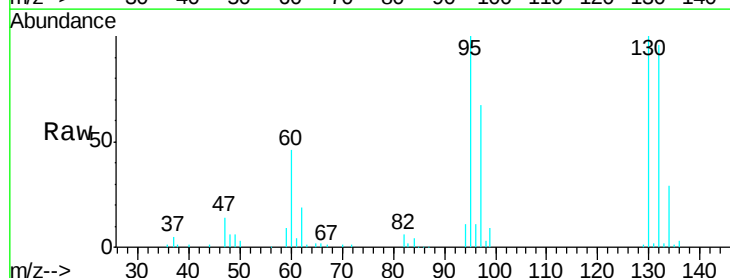
RT: 8.94 min Scan# 1182

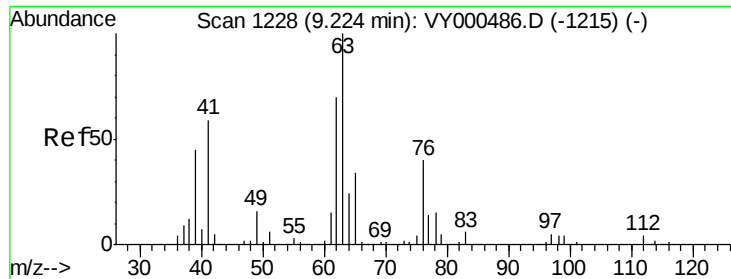
Delta R.T. 0.00 min

Lab File: VY000600.D

Acq: 07 Nov 2019 23:30

Tgt Ion:	130	Resp:	67575
Ion	Ratio	Lower	Upper
130	100		
95	100.2	0.0	203.2





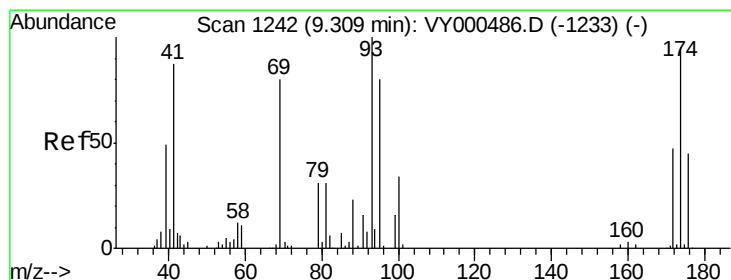
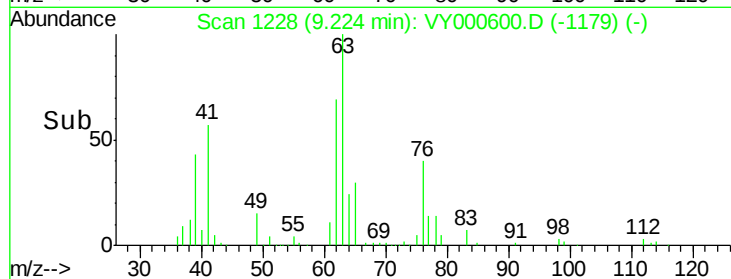
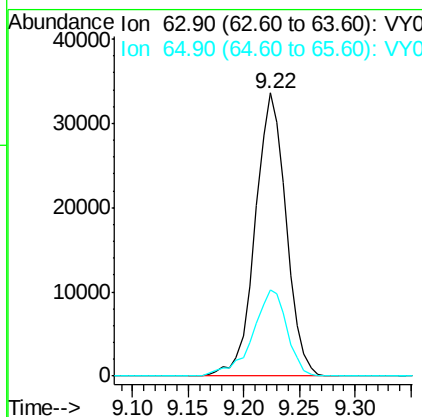
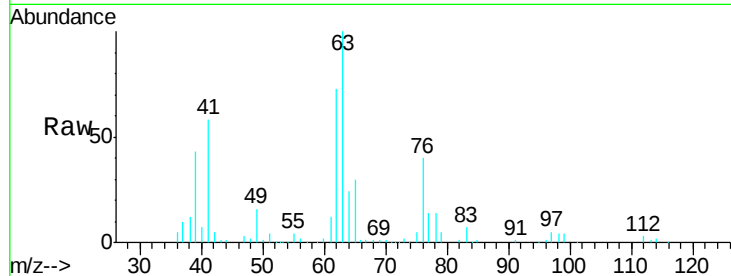
#45
 1,2-Dichloropropane
 Concen: 22.186 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. 0.00 min
 Lab File: VY000600.D
 Acq: 07 Nov 2019 23:30

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1107SBS02

Tgt Ion: 63 Resp: 65045
 Ion Ratio Lower Upper
 63 100
 65 30.4 27.0 40.4

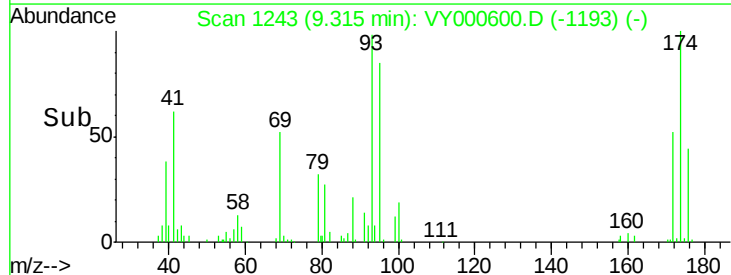
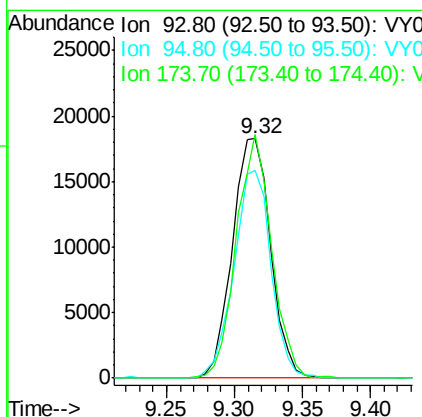
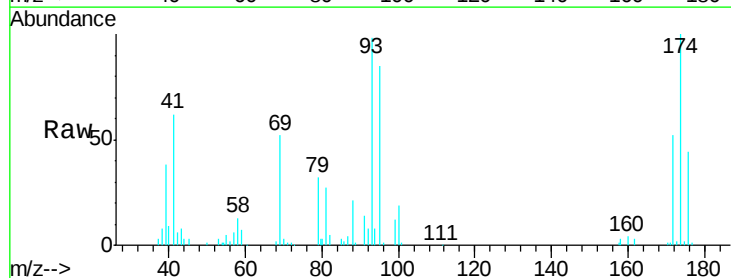
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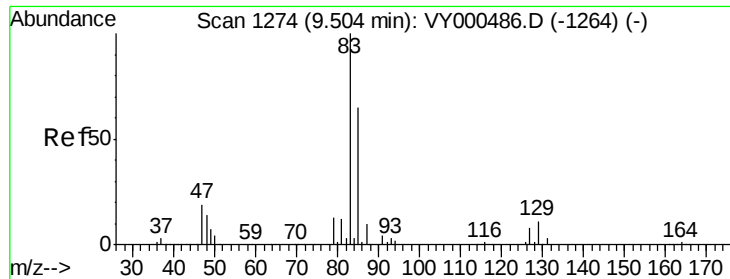
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#46
 Dibromomethane
 Concen: 22.190 ug/l
 RT: 9.32 min Scan# 1243
 Delta R.T. 0.01 min
 Lab File: VY000600.D
 Acq: 07 Nov 2019 23:30

Tgt Ion: 93 Resp: 35779
 Ion Ratio Lower Upper
 93 100
 95 84.4 66.4 99.6
 174 94.1 77.1 115.7





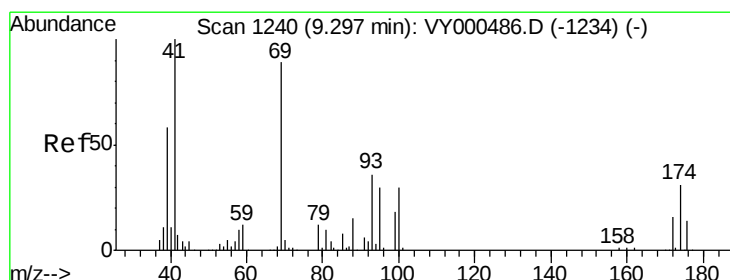
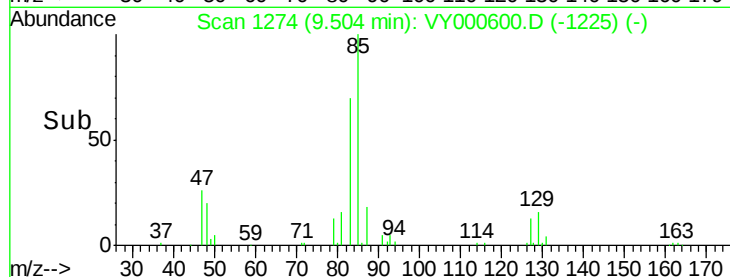
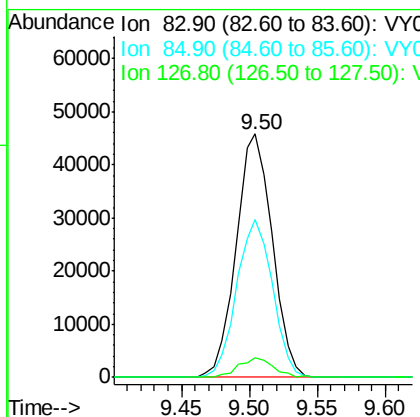
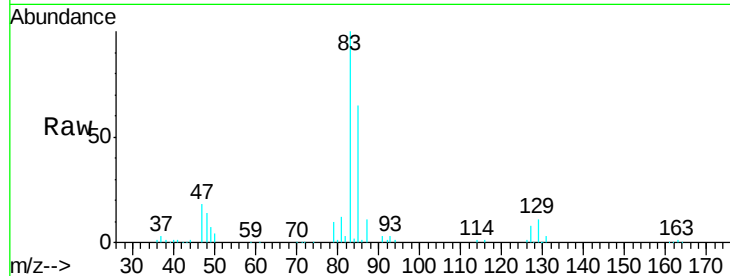
#47
Bromodichloromethane
Concen: 22.144 ug/l
RT: 9.50 min Scan# 1274
Delta R.T. 0.00 min
Lab File: VY000600.D
Acq: 07 Nov 2019 23:30

Instrument :
MSVOA_Y
ClientSampleId :
VY1107SBS02

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	84721		
85	64.8	51.8	77.8	
127	8.3	6.7	10.1	

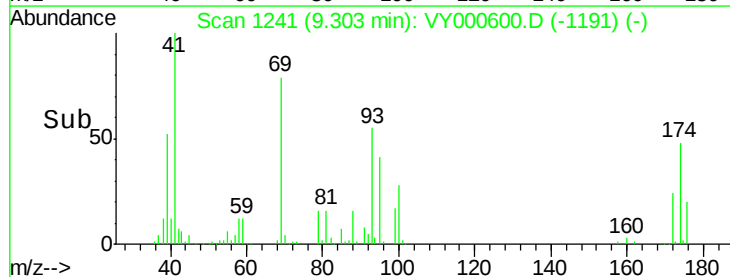
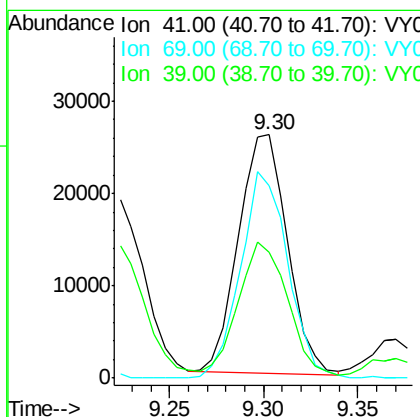
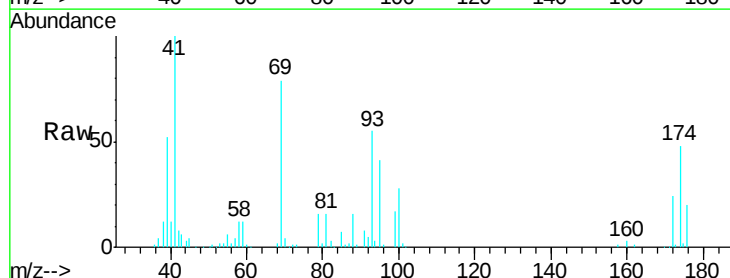
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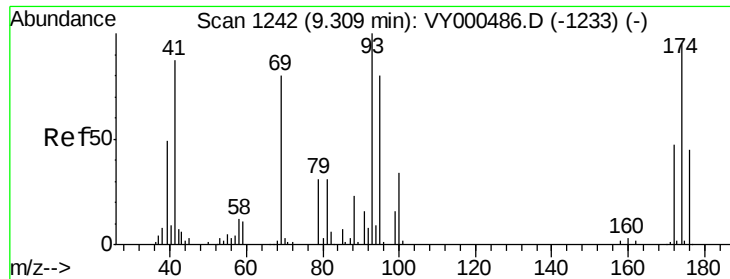
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#48
Methyl methacrylate
Concen: 23.556 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. 0.01 min
Lab File: VY000600.D
Acq: 07 Nov 2019 23:30

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	46638		
69	83.5	72.5	108.7	
39	58.5	47.8	71.8	





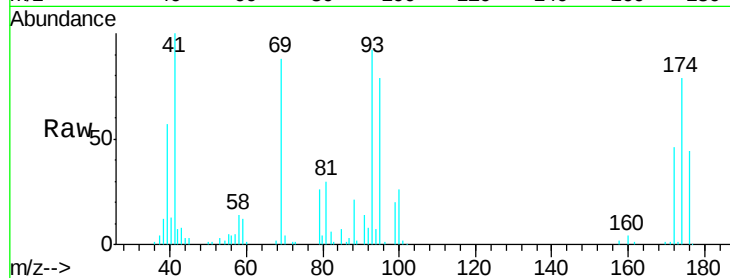
#49
1,4-Dioxane
Concen: 454.652 ug/l
RT: 9.31 min Scan# 1242
Delta R.T. 0.00 min
Lab File: VY000600.D
Acq: 07 Nov 2019 23:30

Instrument :
MSVOA_Y
ClientSampleId :
VY1107SBS02

Tgt Ion	Ratio	Lower	Upper
88	100		
43	35.0	25.1	37.7
58	70.9	50.6	75.8

Manual Integrations
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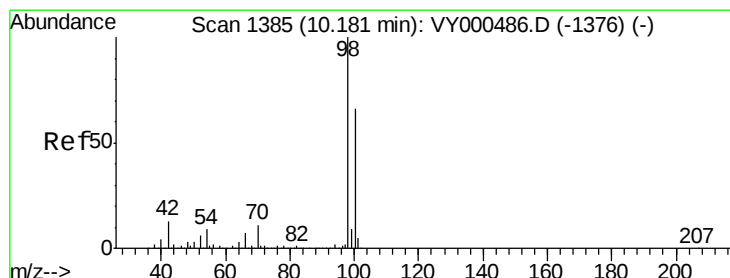
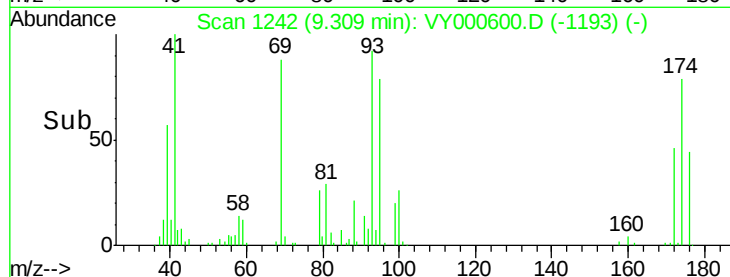
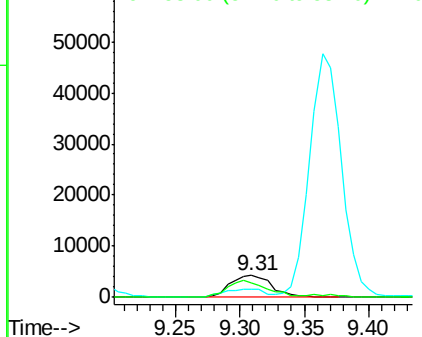


Abundance

Ion 88.00 (87.70 to 88.70): VY0

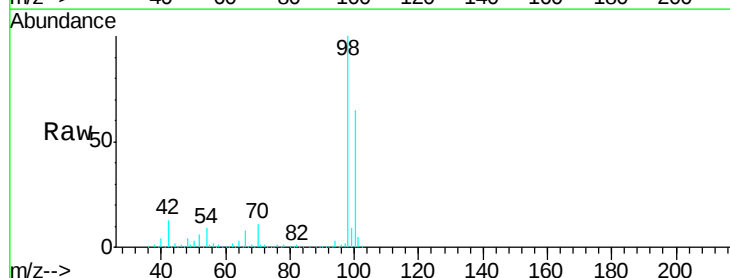
Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#50
Toluene-d8
Concen: 56.365 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY000600.D
Acq: 07 Nov 2019 23:30

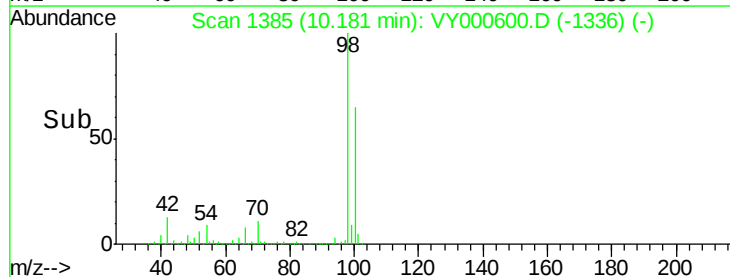
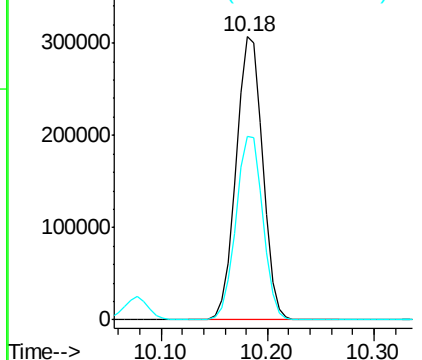
Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.8	52.9	79.3



Abundance

Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0





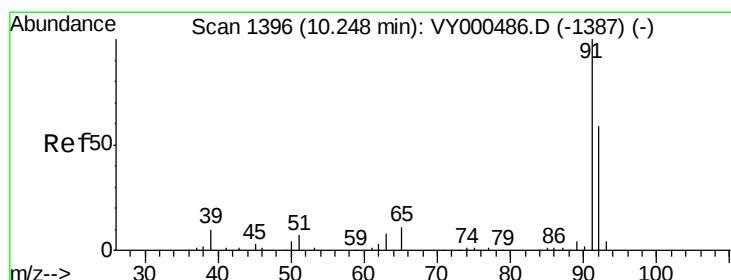
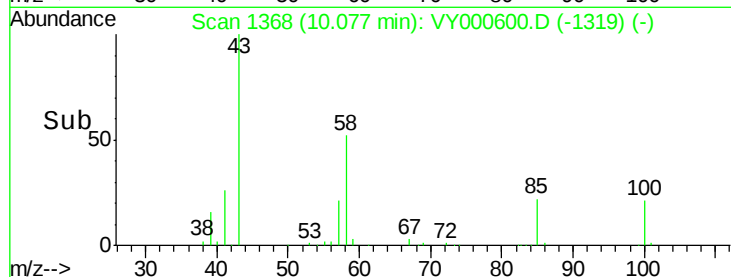
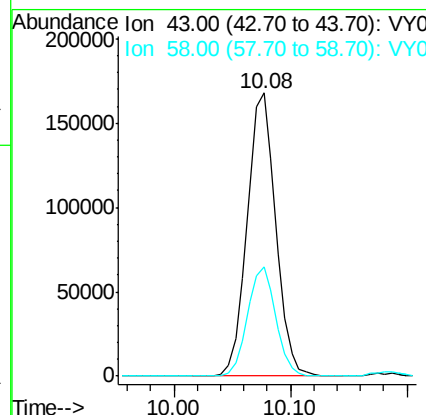
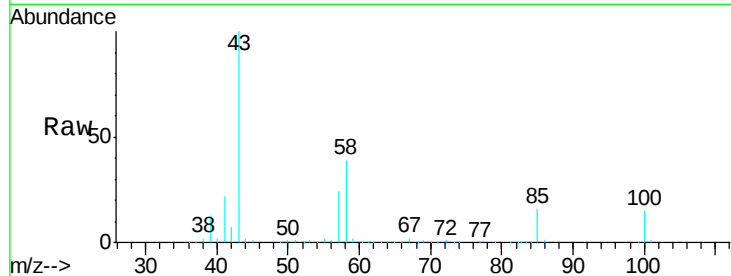
#51
4-Methyl-2-Pentanone
Concen: 119.802 ug/l
RT: 10.08 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VY000600.D
Acq: 07 Nov 2019 23:30

Instrument :
MSVOA_Y
ClientSampleId :
VY1107SBS02

Tgt Ion: 43 Resp: 288636
Ion Ratio Lower Upper
43 100
58 37.9 30.2 45.4

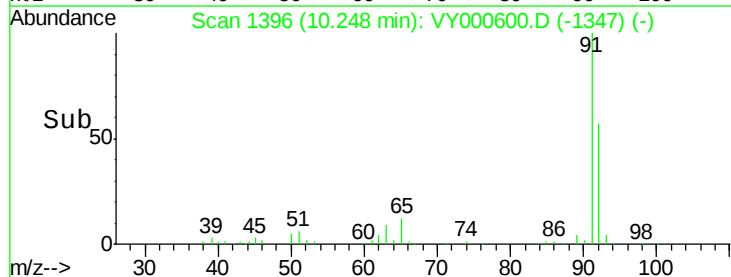
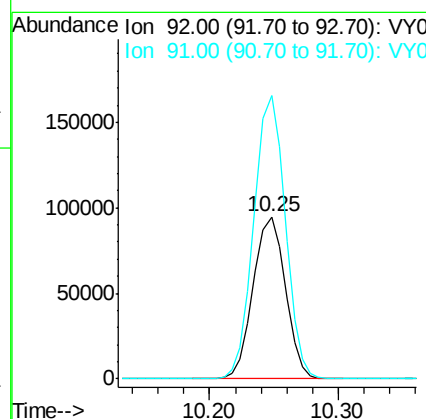
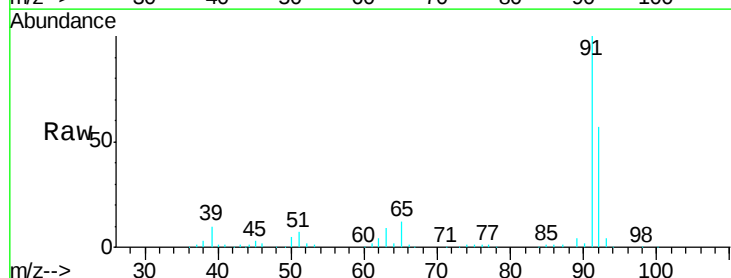
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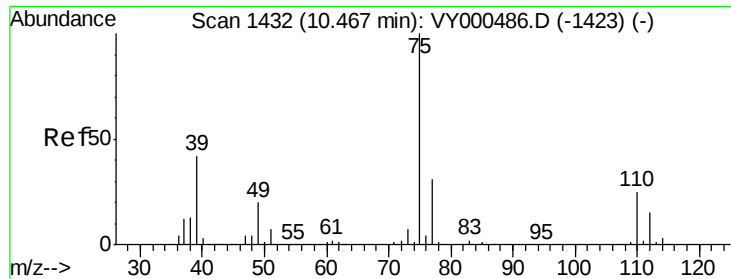
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#52
Toluene
Concen: 21.845 ug/l
RT: 10.25 min Scan# 1396
Delta R.T. 0.00 min
Lab File: VY000600.D
Acq: 07 Nov 2019 23:30

Tgt Ion: 92 Resp: 164522
Ion Ratio Lower Upper
92 100
91 169.8 136.3 204.5





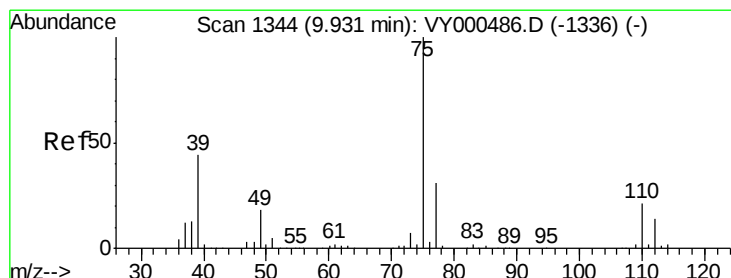
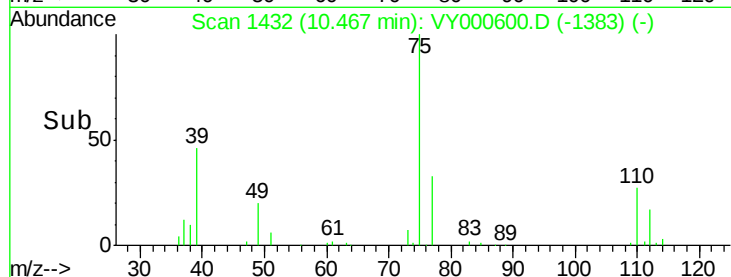
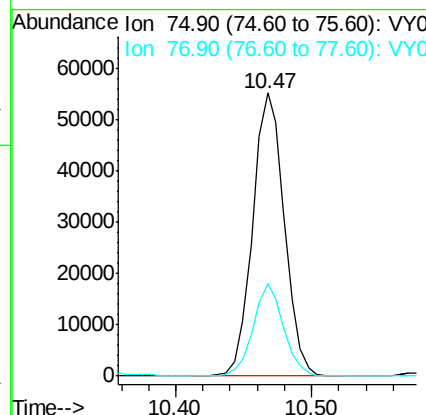
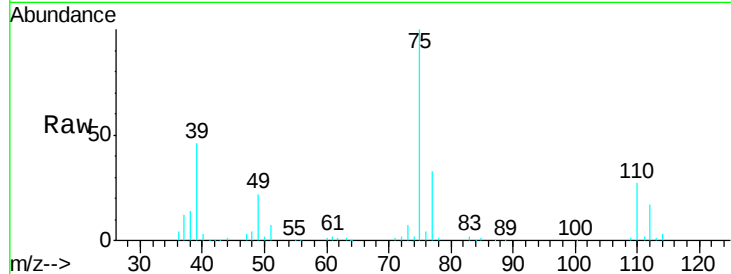
#53
t-1,3-Dichloropropene
Concen: 22.012 ug/l
RT: 10.47 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VY000600.D
Acq: 07 Nov 2019 23:30

Instrument :
MSVOA_Y
ClientSampleId :
VY1107SBS02

Tgt Ion: 75 Resp: 89982
Ion Ratio Lower Upper
75 100
77 32.9 24.6 37.0

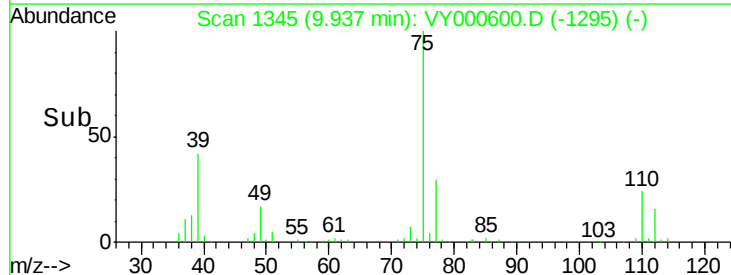
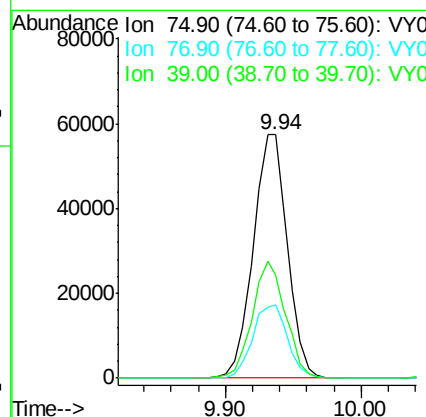
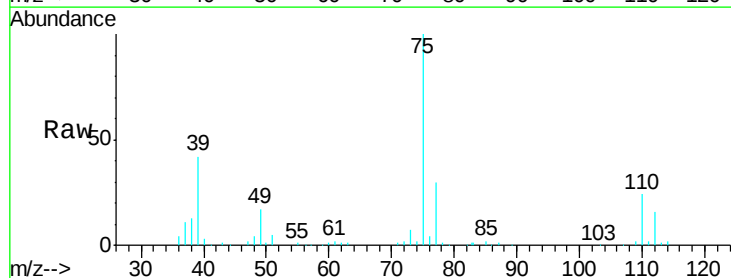
Manual Integrations
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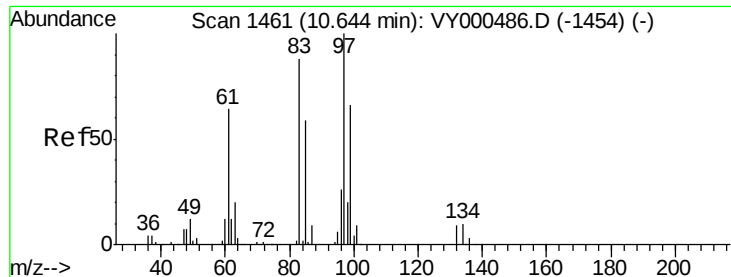
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#54
cis-1,3-Dichloropropene
Concen: 21.596 ug/l
RT: 9.94 min Scan# 1345
Delta R.T. 0.01 min
Lab File: VY000600.D
Acq: 07 Nov 2019 23:30

Tgt Ion: 75 Resp: 101136
Ion Ratio Lower Upper
75 100
77 30.1 24.5 36.7
39 42.0 35.4 53.2





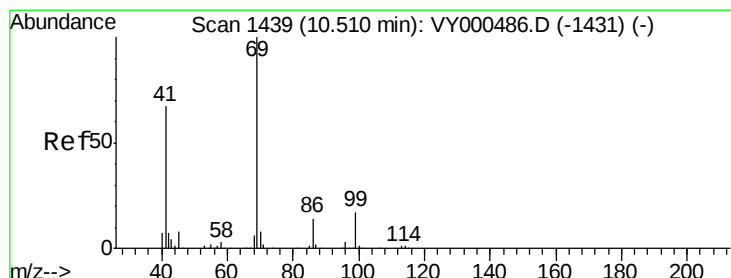
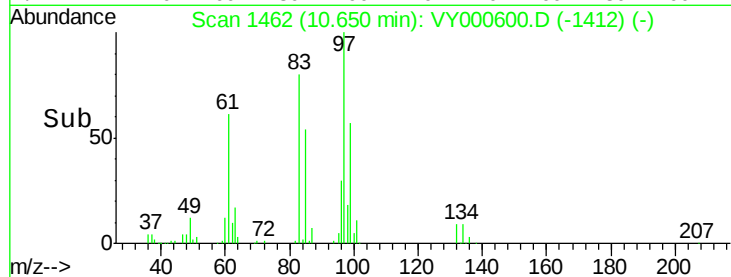
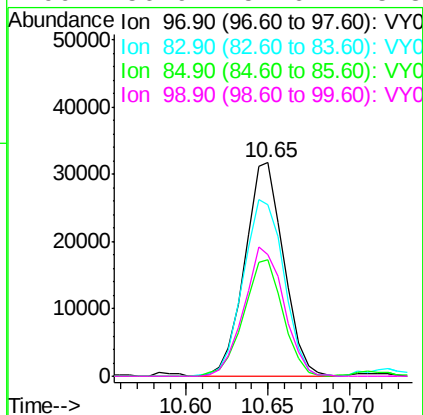
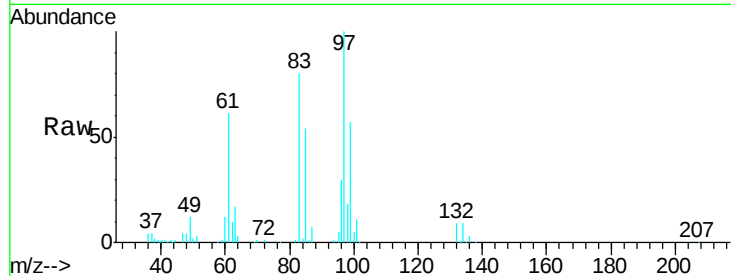
#55
 1,1,2-Trichloroethane
 Concen: 22.570 ug/l
 RT: 10.65 min Scan# 1462
 Delta R.T. 0.01 min
 Lab File: VY000600.D
 Acq: 07 Nov 2019 23:30

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1107SBS02

Tgt Ion	Ratio	Lower	Upper
97	100		
83	80.4	70.2	105.4
85	54.3	46.9	70.3
99	56.9	52.6	78.8

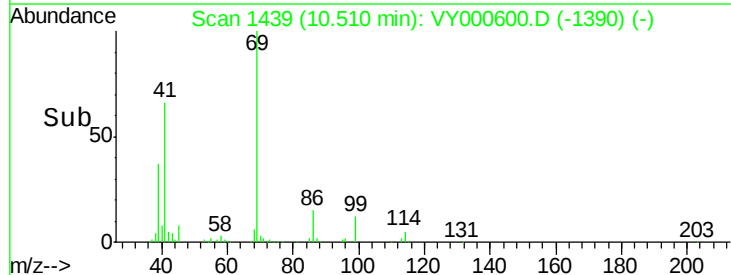
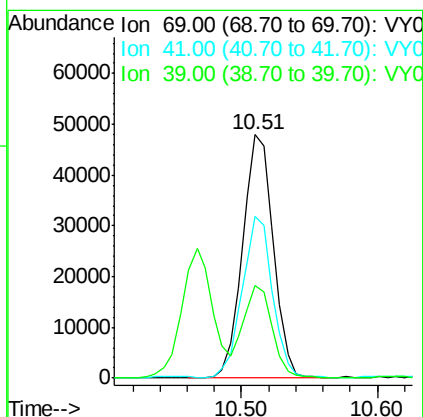
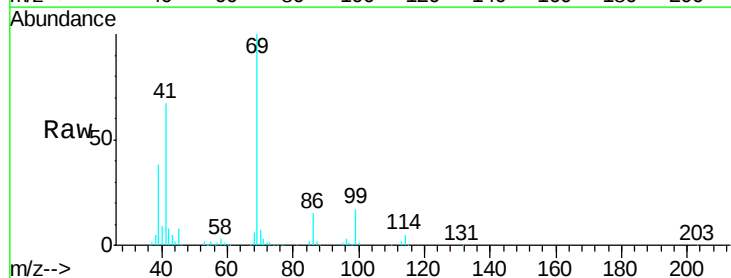
Manual Integrations
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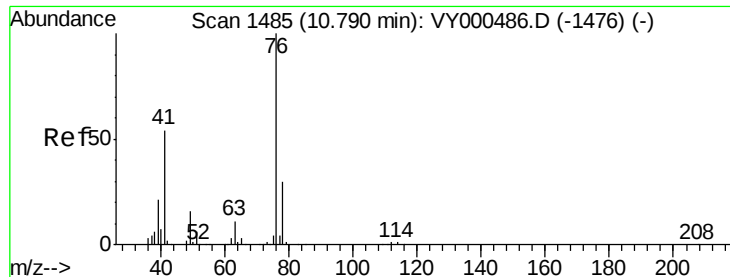
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 11/8/2019 4:07:24 PM



#56
 Ethyl methacrylate
 Concen: 22.863 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY000600.D
 Acq: 07 Nov 2019 23:30

Tgt Ion	Ratio	Lower	Upper
69	100		
41	65.1	53.3	79.9
39	35.9	28.0	42.0





#57

1,3-Dichloropropane

Concen: 23.155 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VY000600.D

Acq: 07 Nov 2019 23:30

Instrument :

MSVOA_Y

ClientSampleId :

VY1107SBS02

Tgt Ion: 76 Resp: 94513

Ion Ratio Lower Upper

76 100

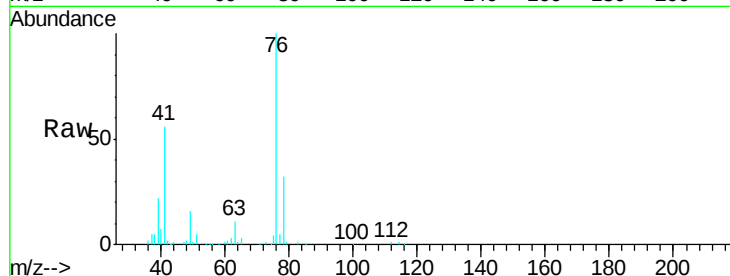
78 31.9 25.2 37.8

Manual Integrations

APPROVED

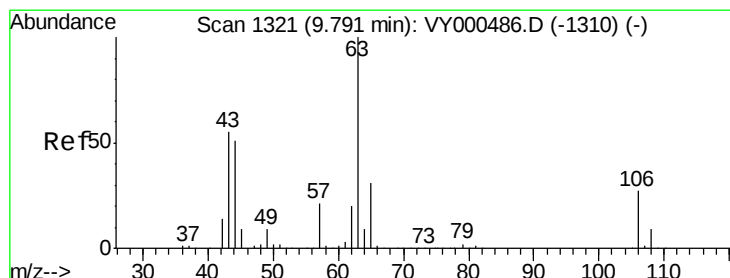
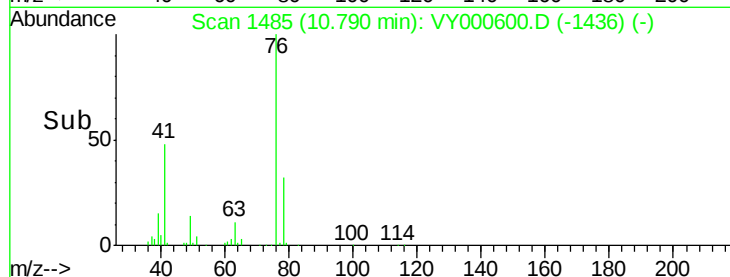
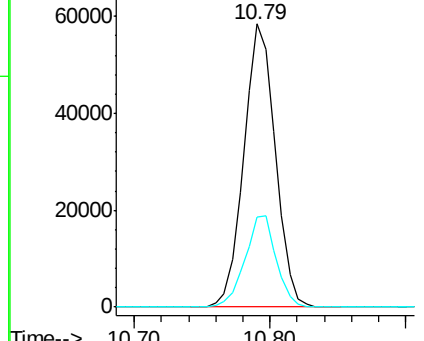
MMDadoda

11/8/2019 4:07:24 PM



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#58

2-Chloroethyl Vinyl ether

Concen: 107.939 ug/l

RT: 9.79 min Scan# 1321

Delta R.T. 0.00 min

Lab File: VY000600.D

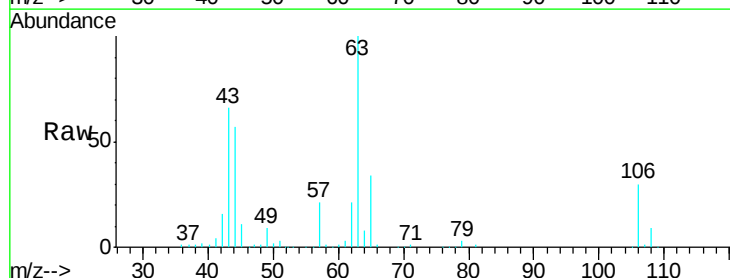
Acq: 07 Nov 2019 23:30

Tgt Ion: 63 Resp: 161296

Ion Ratio Lower Upper

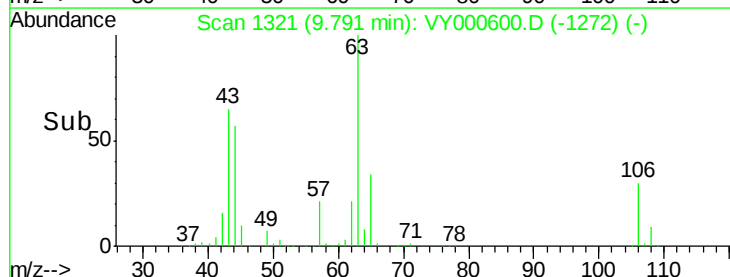
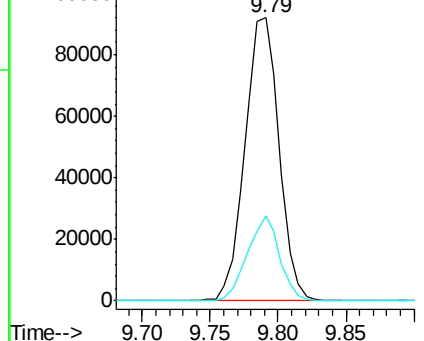
63 100

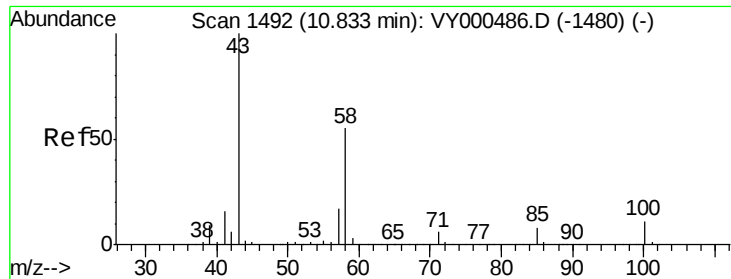
106 28.4 22.6 33.8



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V





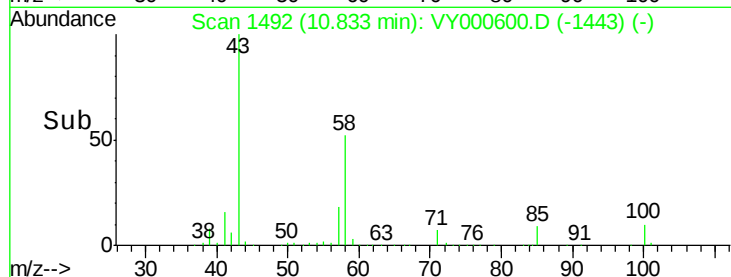
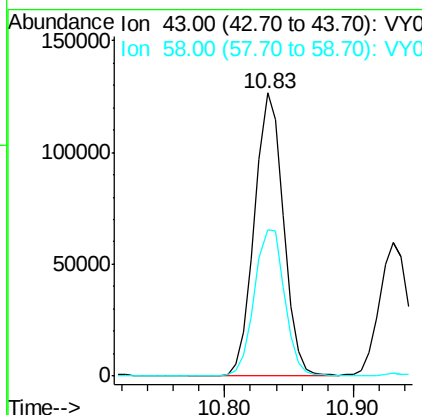
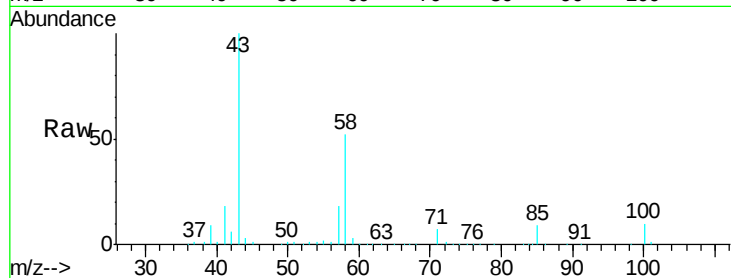
#59
2-Hexanone
Concen: 111.670 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY000600.D
Acq: 07 Nov 2019 23:30

Instrument :
MSVOA_Y
ClientSampleId :
VY1107SBS02

Tgt Ion: 43 Resp: 196024
Ion Ratio Lower Upper
43 100
58 54.4 27.1 81.3

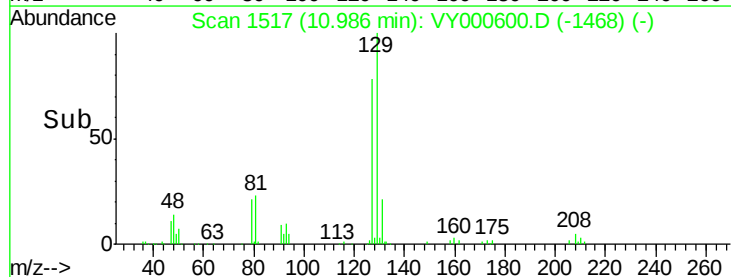
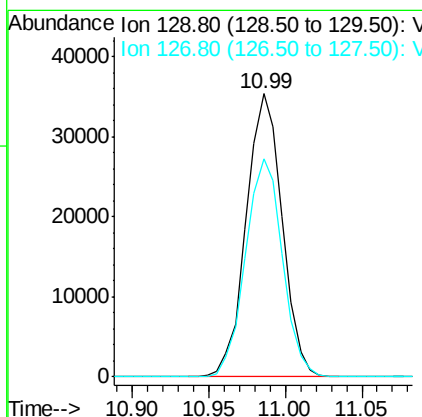
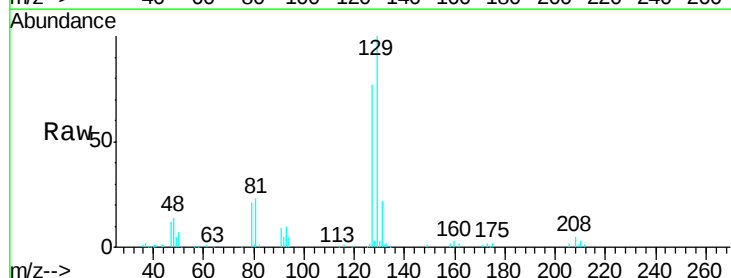
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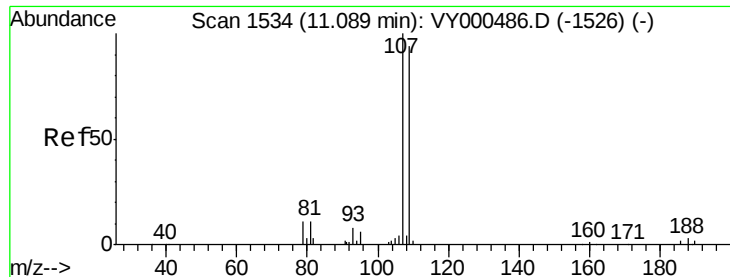
MMDadoda
11/8/2019 4:07:24 PM



#60
Dibromochloromethane
Concen: 21.648 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY000600.D
Acq: 07 Nov 2019 23:30

Tgt Ion: 129 Resp: 57826
Ion Ratio Lower Upper
129 100
127 79.2 39.1 117.2





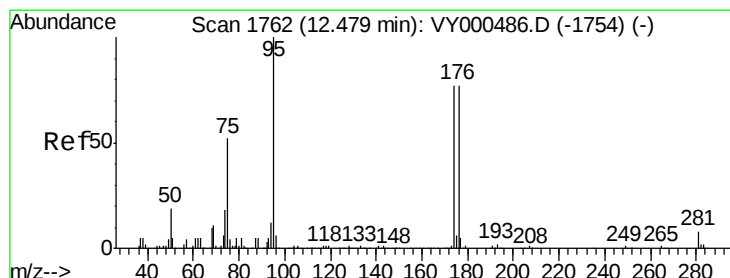
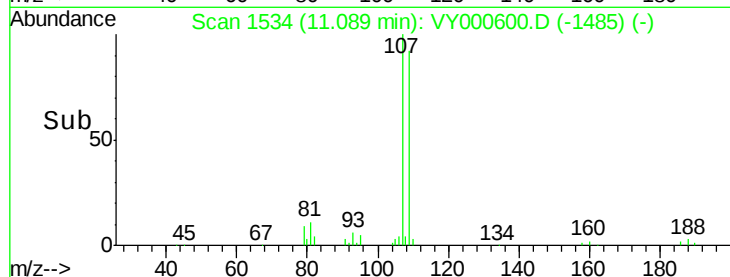
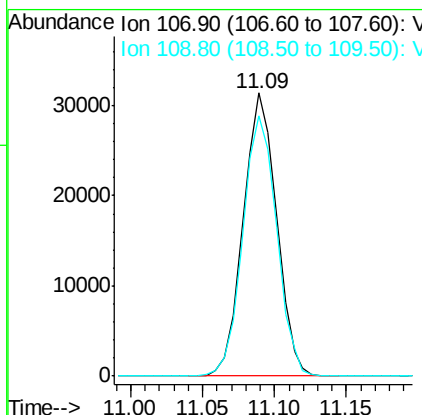
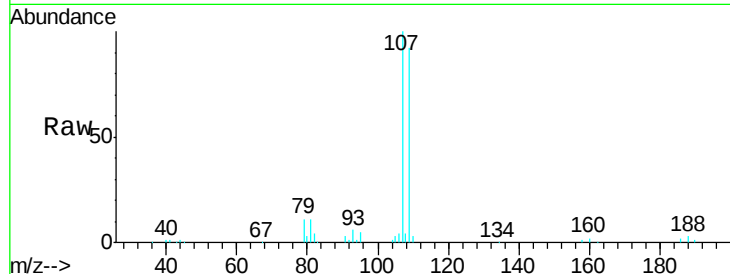
#61
 1,2-Dibromoethane
 Concen: 22.413 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY000600.D
 Acq: 07 Nov 2019 23:30

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1107SBSD02

Tgt Ion	Ratio	Lower	Upper
107	100		
109	93.0	73.6	110.4

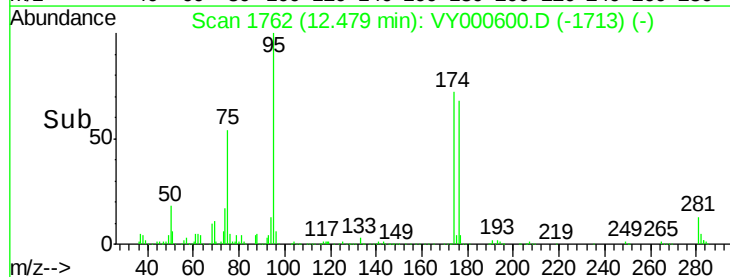
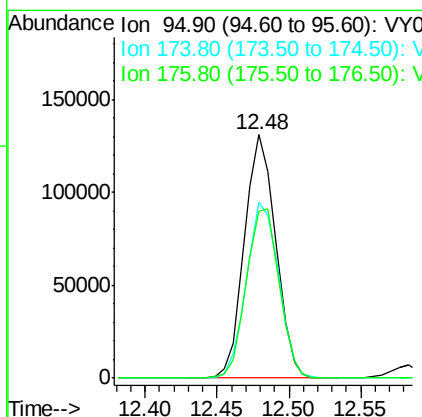
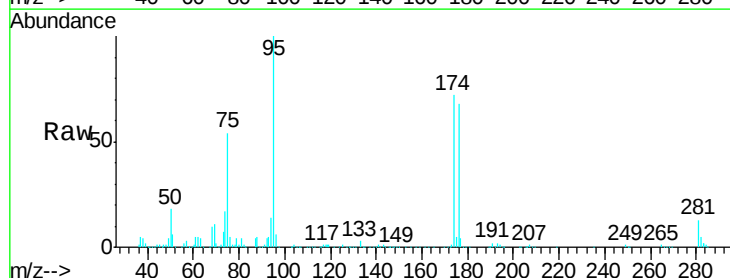
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#62
 4-Bromofluorobenzene
 Concen: 54.006 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY000600.D
 Acq: 07 Nov 2019 23:30

Tgt Ion	Ratio	Lower	Upper
95	100		
174	74.7	0.0	161.6
176	72.8	0.0	157.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VY000600.D

Acq: 07 Nov 2019 23:30

Instrument :

MSVOA_Y

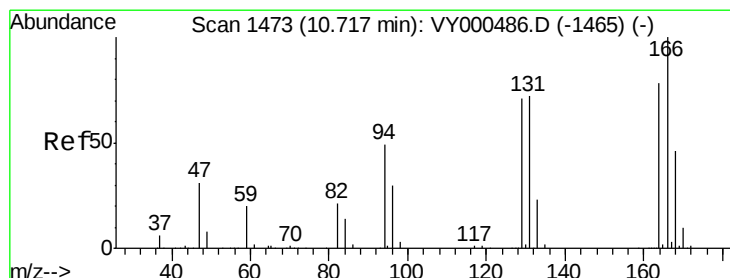
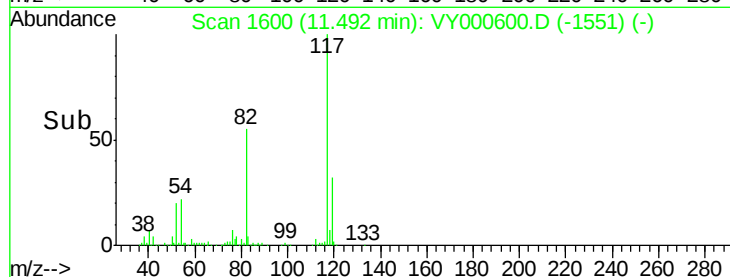
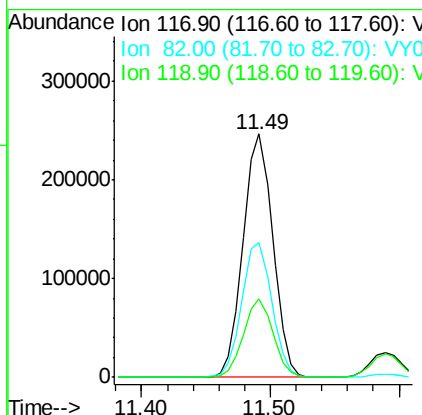
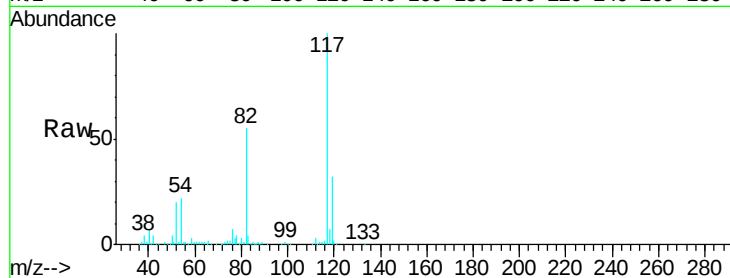
ClientSampleId :

VY1107SBS02

Tgt Ion:	117	Resp:	393516
Ion Ratio		Lower	Upper
117	100		
82	55.2	40.8	61.2
119	32.4	26.2	39.2

Manual Integrations
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#64

Tetrachloroethene

Concen: 21.593 ug/l

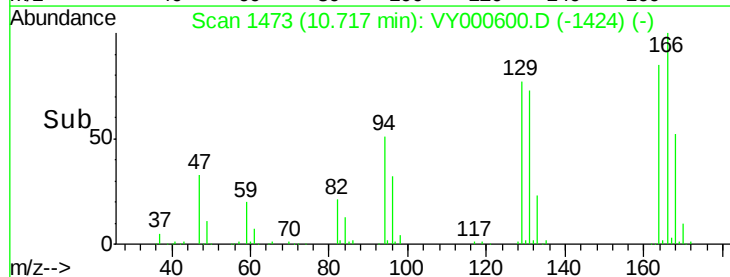
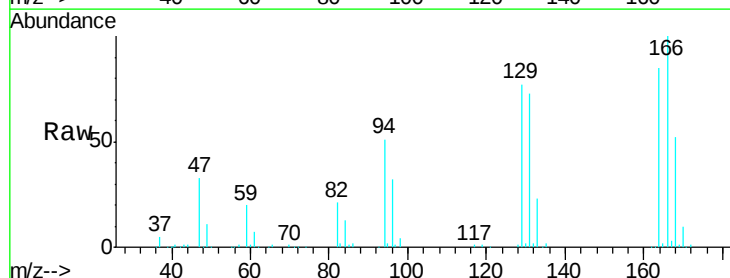
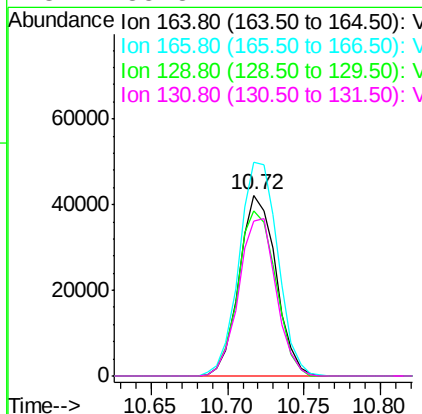
RT: 10.72 min Scan# 1473

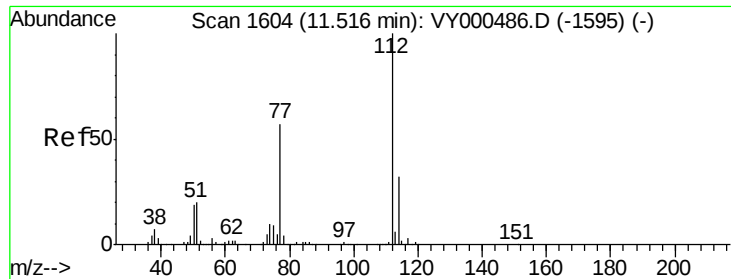
Delta R.T. 0.00 min

Lab File: VY000600.D

Acq: 07 Nov 2019 23:30

Tgt Ion:	164	Resp:	70263
Ion Ratio		Lower	Upper
164	100		
166	118.2	102.7	154.1
129	91.2	73.2	109.8
131	85.8	74.2	111.2





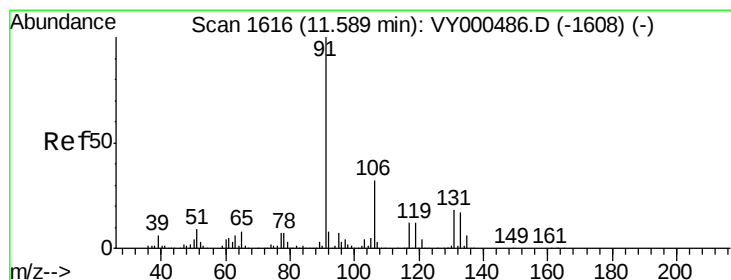
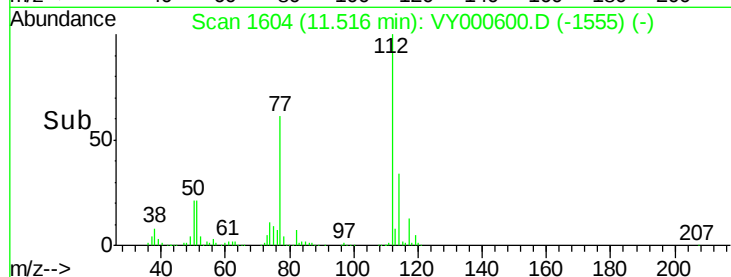
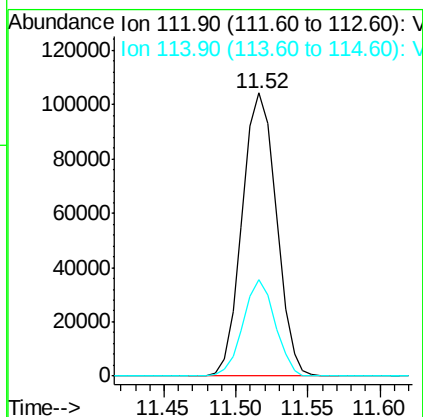
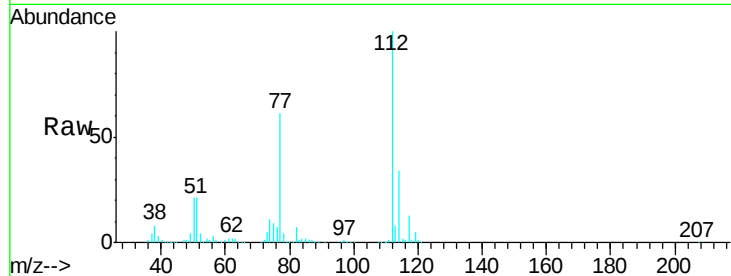
#65
Chlorobenzene
Concen: 21.557 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY000600.D
Acq: 07 Nov 2019 23:30

Instrument :
MSVOA_Y
ClientSampleId :
VY1107SBSD02

Tgt Ion:112 Resp: 171995
Ion Ratio Lower Upper
112 100
114 34.1 25.3 37.9

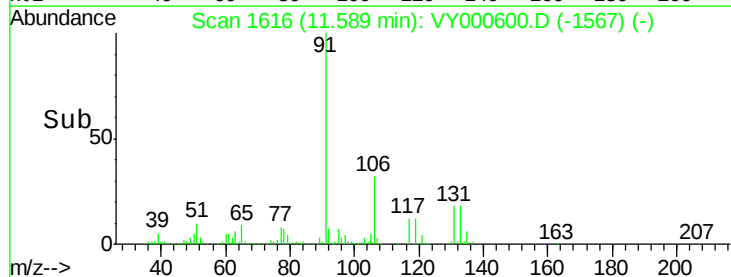
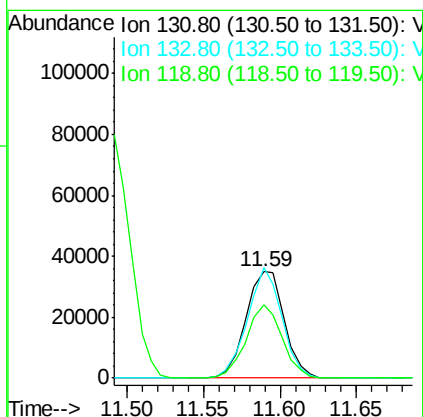
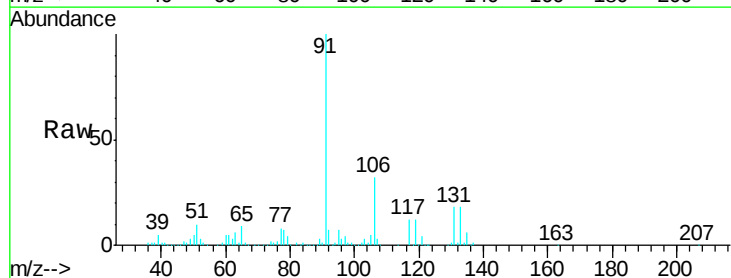
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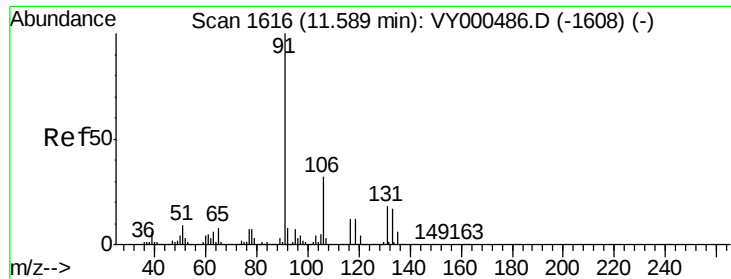
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#66
1,1,1,2-Tetrachloroethane
Concen: 22.008 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY000600.D
Acq: 07 Nov 2019 23:30

Tgt Ion:131 Resp: 60898
Ion Ratio Lower Upper
131 100
133 93.0 47.9 143.8
119 64.4 33.1 99.3





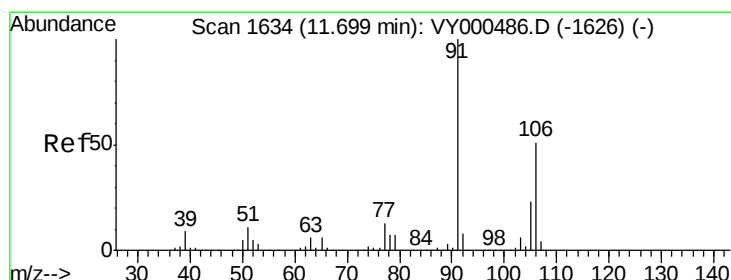
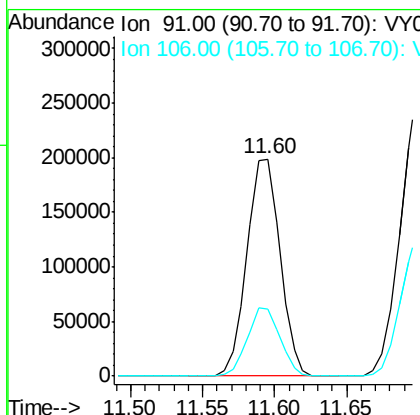
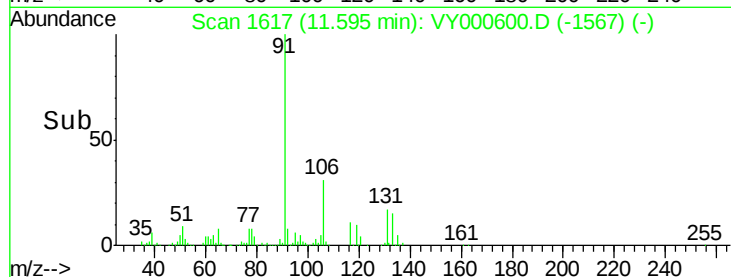
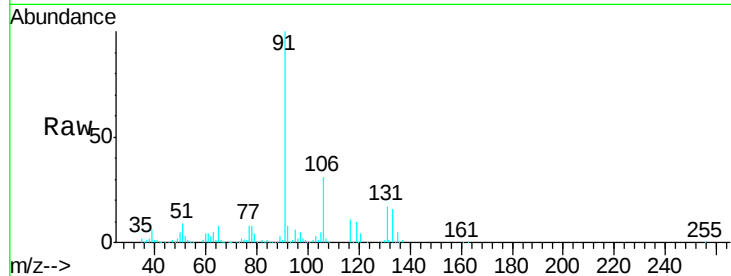
#67
Ethyl Benzene
Concen: 21.555 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. 0.01 min
Lab File: VY000600.D
Acq: 07 Nov 2019 23:30

Instrument :
MSVOA_Y
ClientSampleId :
VY1107SBS02

Tgt Ion: 91 Resp: 316514
Ion Ratio Lower Upper
91 100
106 30.8 25.4 38.0

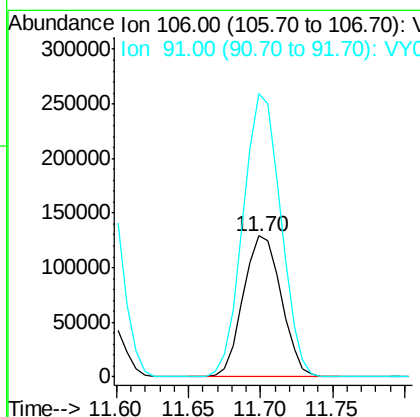
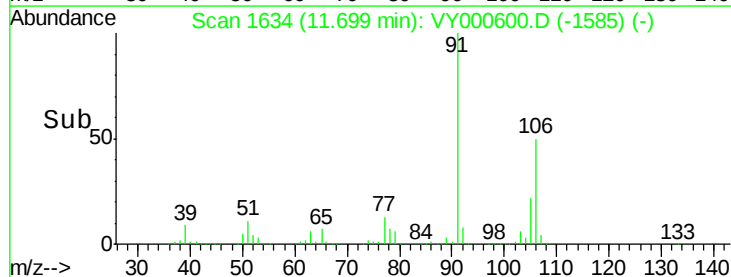
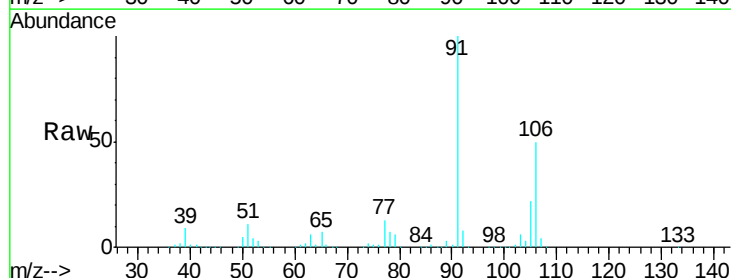
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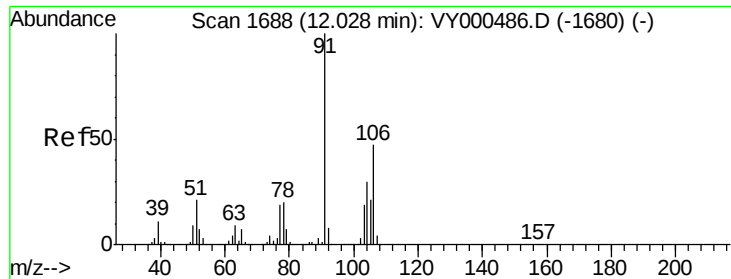
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#68
m/p-Xylenes
Concen: 41.625 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VY000600.D
Acq: 07 Nov 2019 23:30

Tgt Ion: 106 Resp: 236564
Ion Ratio Lower Upper
106 100
91 199.2 155.9 233.9





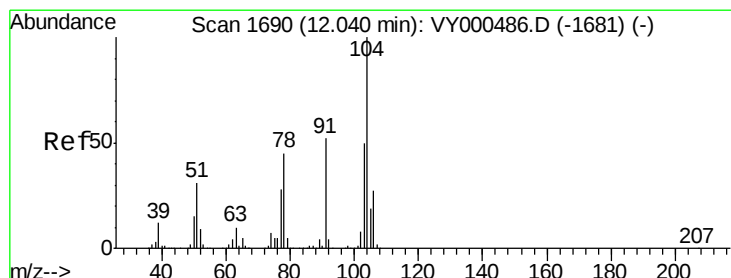
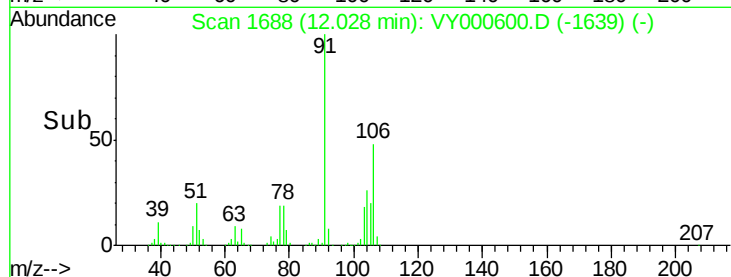
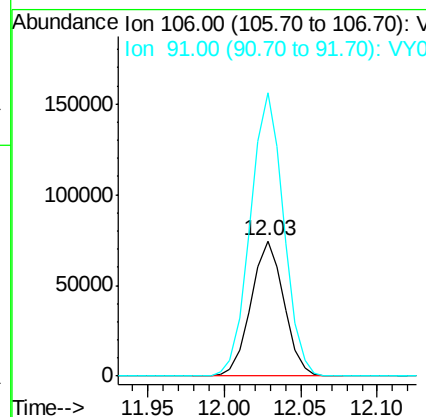
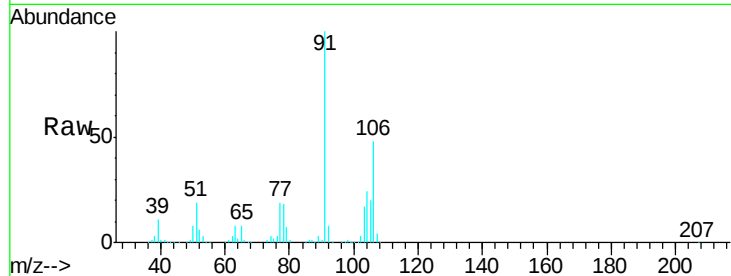
#69
o-Xylene
Concen: 21.011 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY000600.D
Acq: 07 Nov 2019 23:30

Instrument :
MSVOA_Y
ClientSampleId :
VY1107SBS02

Tgt Ion:106 Resp: 112224
Ion Ratio Lower Upper
106 100
91 210.5 106.5 319.6

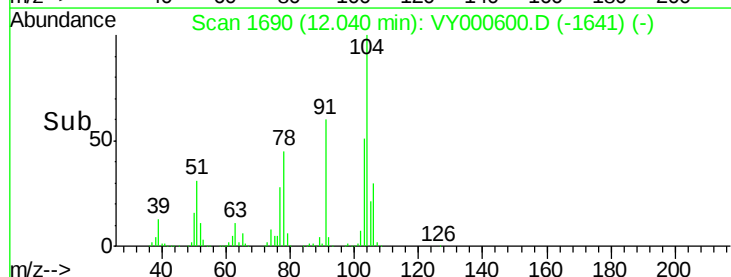
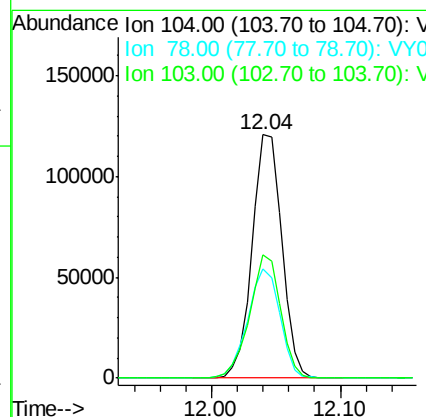
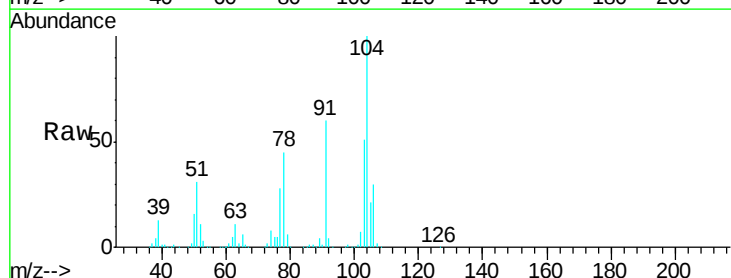
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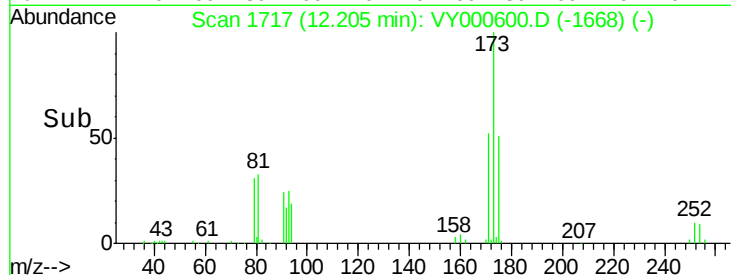
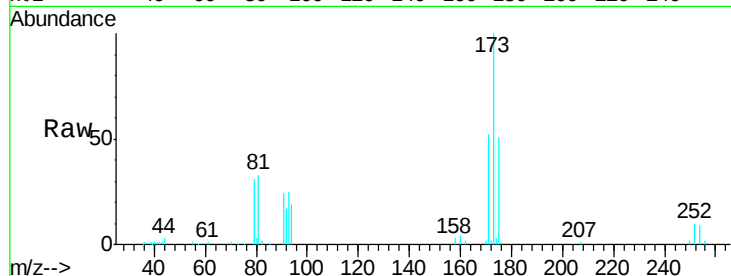
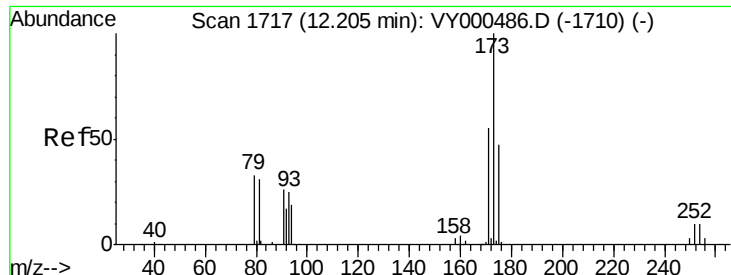
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#70
Styrene
Concen: 20.904 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY000600.D
Acq: 07 Nov 2019 23:30

Tgt Ion:104 Resp: 191192
Ion Ratio Lower Upper
104 100
78 49.1 39.0 58.4
103 53.0 42.5 63.7





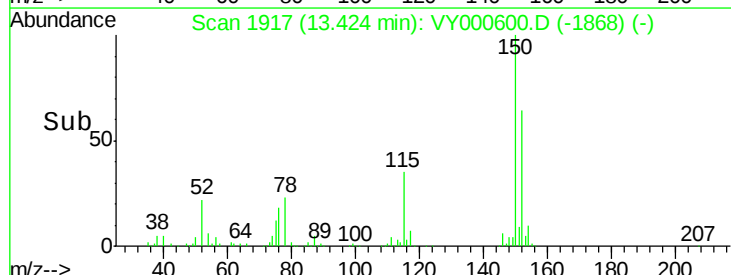
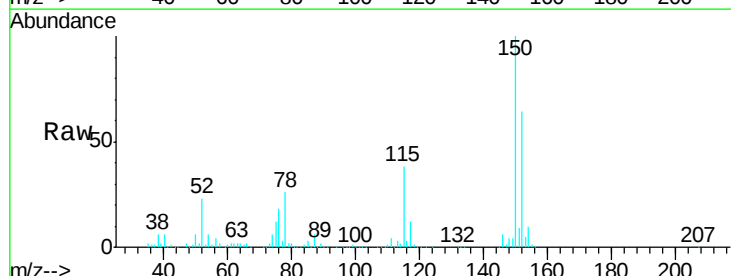
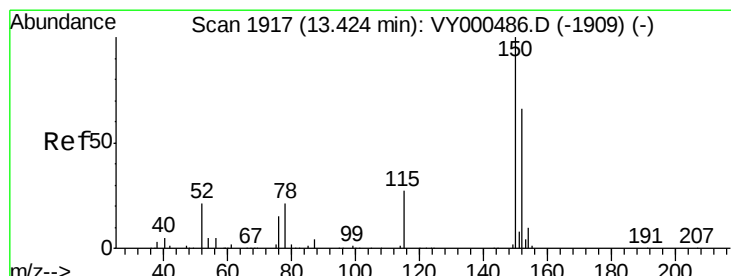
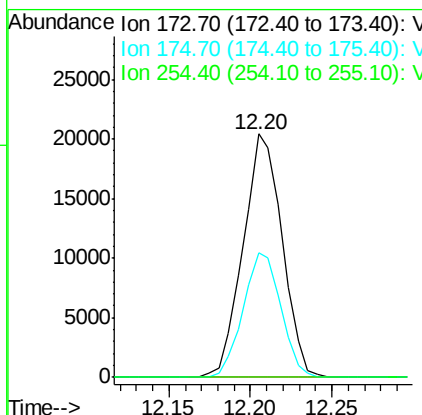
#71
Bromoform
Concen: 21.363 ug/l
RT: 12.20 min Scan# 1717
Delta R.T. 0.00 min
Lab File: VY000600.D
Acq: 07 Nov 2019 23:30

Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.5	24.4	73.2
254	0.0	0.1	0.1#

Instrument :
MSVOA_Y
ClientSampleId :
VY1107SBS02

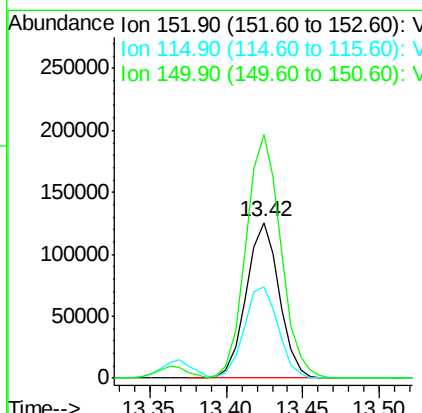
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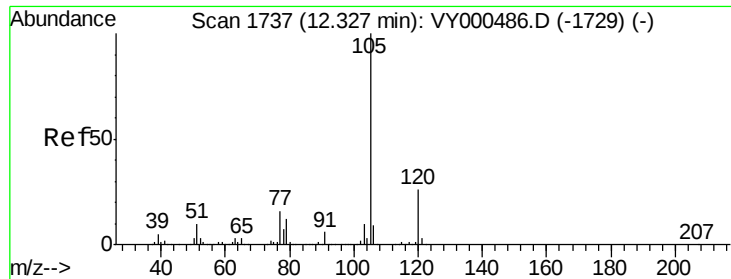
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY000600.D
Acq: 07 Nov 2019 23:30

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.5	29.1	87.4
150	165.2	0.0	348.8





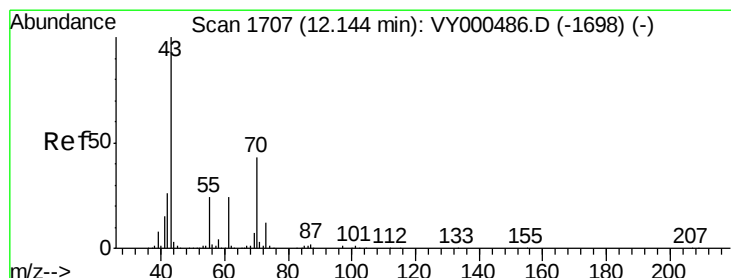
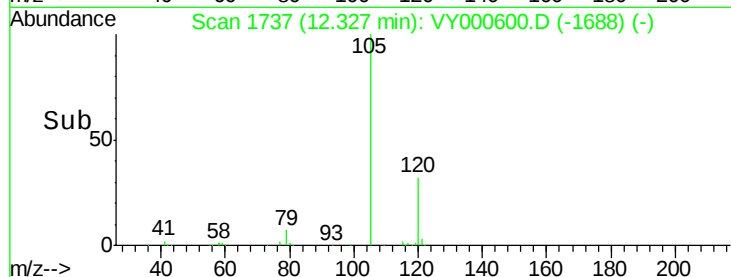
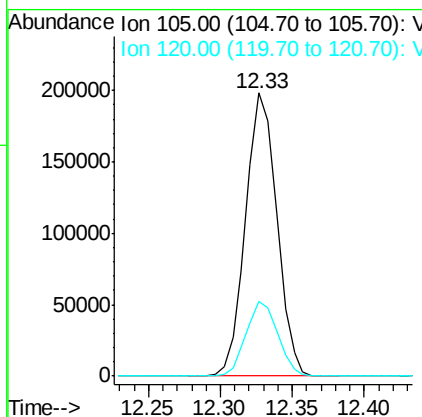
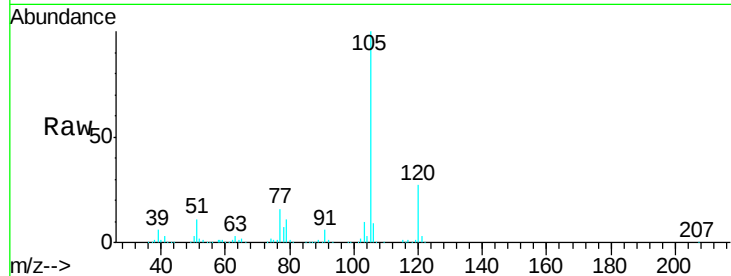
#73
Isopropylbenzene
Concen: 21.499 ug/l
RT: 12.33 min Scan# 1737
Delta R.T. 0.00 min
Lab File: VY000600.D
Acq: 07 Nov 2019 23:30

Instrument :
MSVOA_Y
ClientSampleId :
VY1107SBS02

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	297969		
120	26.8	13.5	40.4	

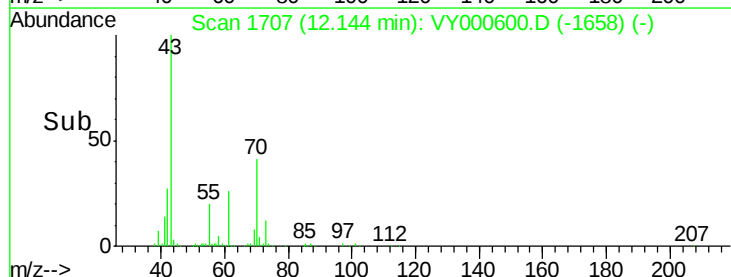
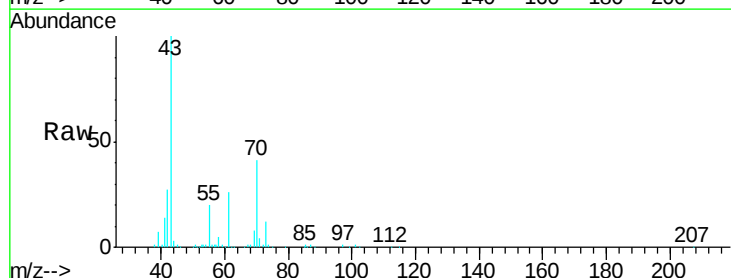
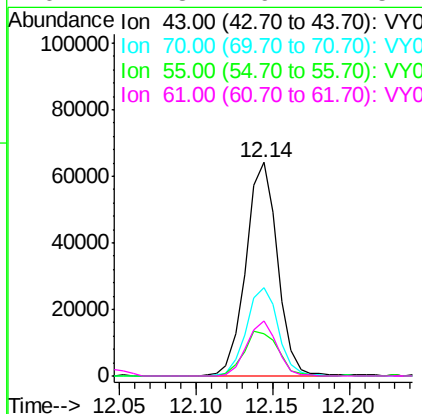
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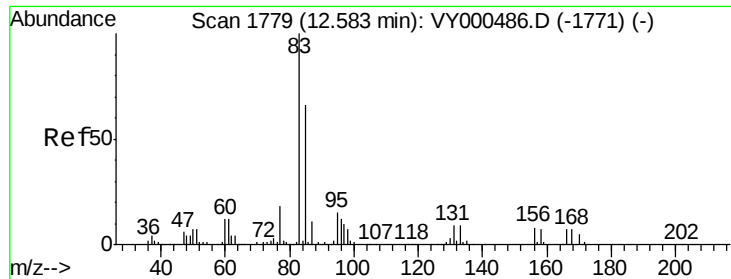
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#74
N-ethyl acetate
Concen: 23.247 ug/l
RT: 12.14 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VY000600.D
Acq: 07 Nov 2019 23:30

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	92274		
70	41.6	33.1	49.7	
55	22.6	18.0	27.0	
61	24.8	19.1	28.7	





#75

1,1,2,2-Tetrachloroethane

Concen: 23.357 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY000600.D

Acq: 07 Nov 2019 23:30

Instrument :

MSVOA_Y

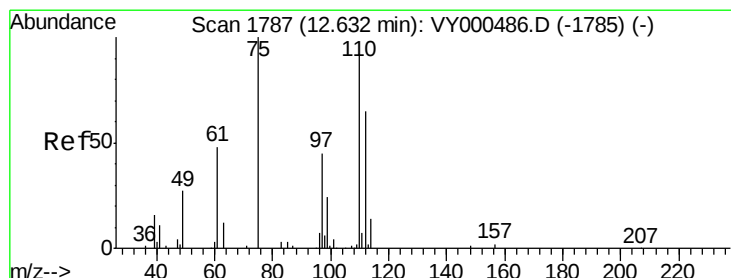
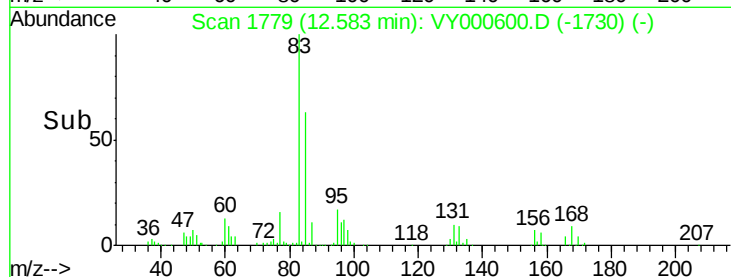
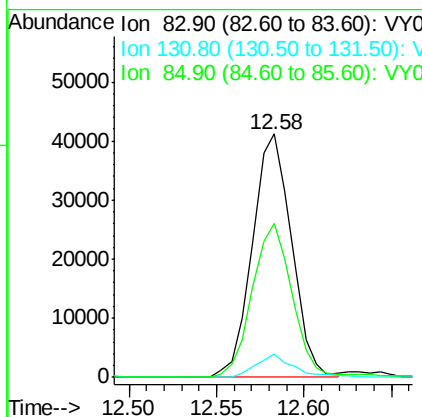
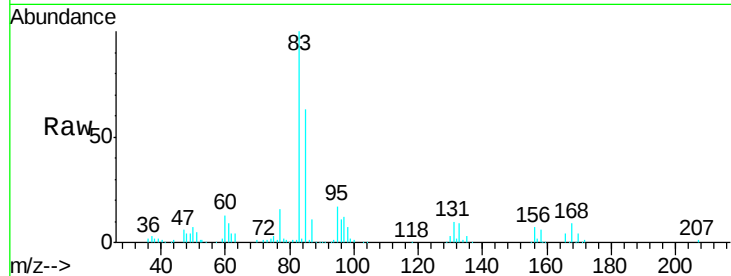
ClientSampleId :

VY1107SBS02

Tgt Ion:	83	Resp:	64096
Ion Ratio	Lower	Upper	
83	100		
131	9.0	5.0	14.9
85	65.2	32.3	96.9

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 22.546 ug/l m

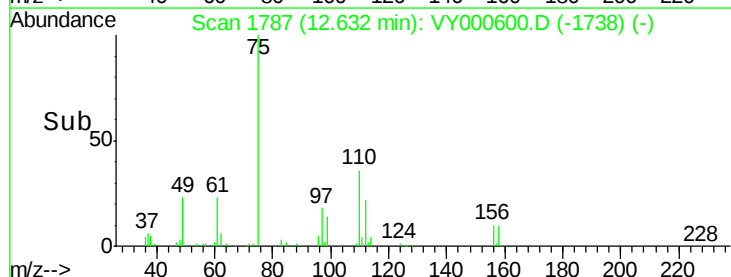
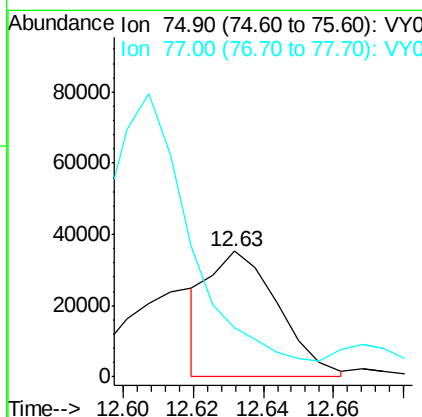
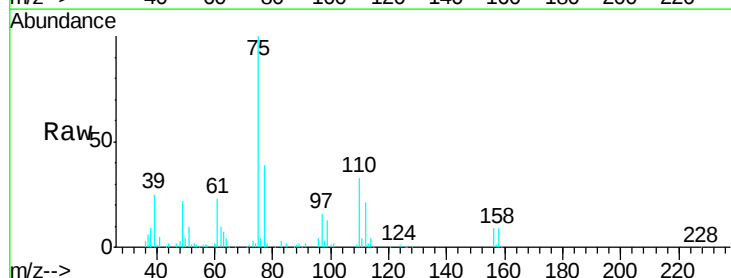
RT: 12.63 min Scan# 1787

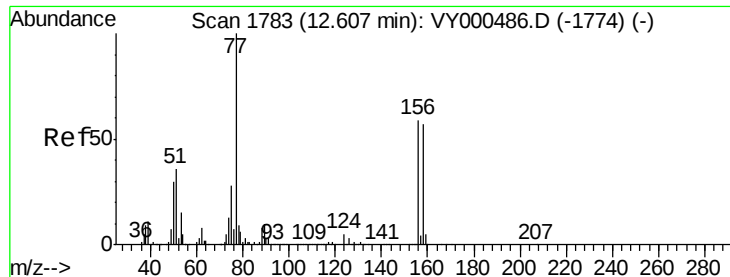
Delta R.T. 0.00 min

Lab File: VY000600.D

Acq: 07 Nov 2019 23:30

Tgt Ion:	75	Resp:	48141
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 21.674 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY000600.D

Acq: 07 Nov 2019 23:30

Instrument :

MSVOA_Y

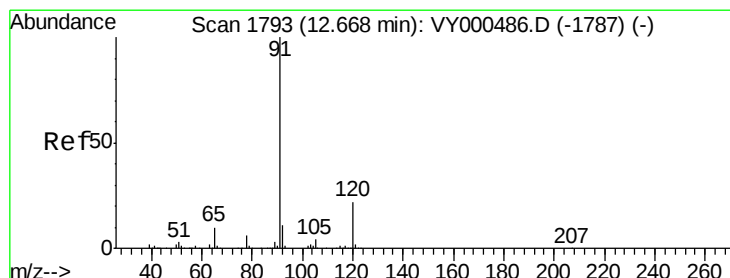
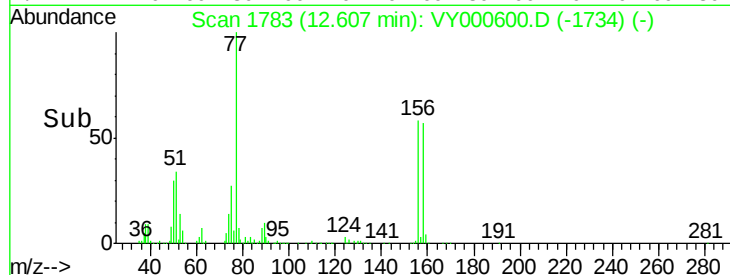
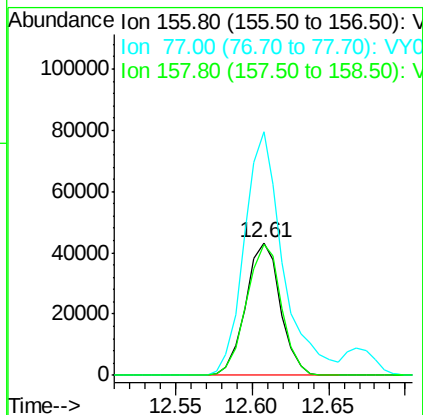
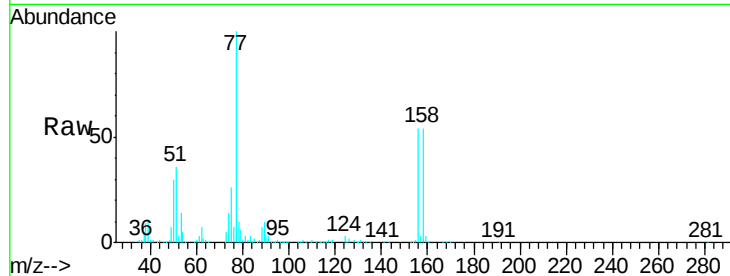
ClientSampleId :

VY1107SBS02

Tgt Ion:	156	Resp:	68119
Ion Ratio	Lower	Upper	
156	100		
77	206.0	98.2	294.4
158	99.7	49.6	149.0

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#78

n-propylbenzene

Concen: 21.790 ug/l

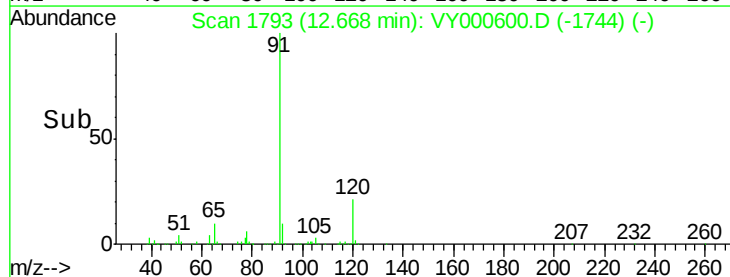
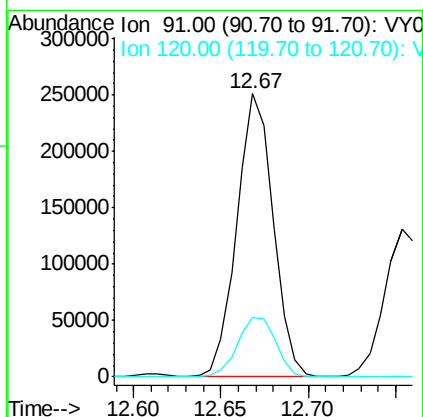
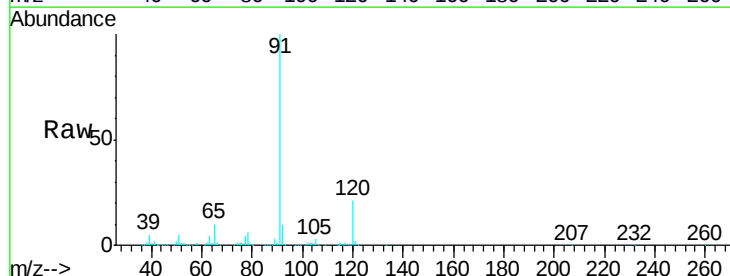
RT: 12.67 min Scan# 1793

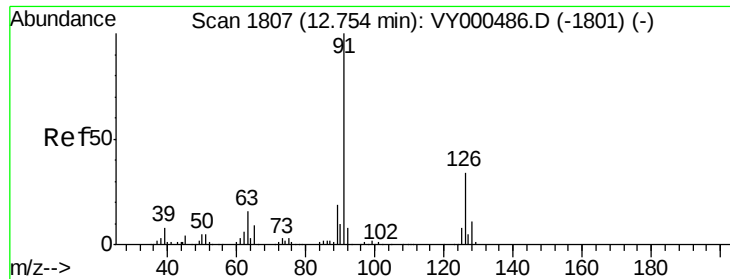
Delta R.T. 0.00 min

Lab File: VY000600.D

Acq: 07 Nov 2019 23:30

Tgt Ion:	91	Resp:	364381
Ion Ratio	Lower	Upper	
91	100		
120	22.3	11.4	34.1





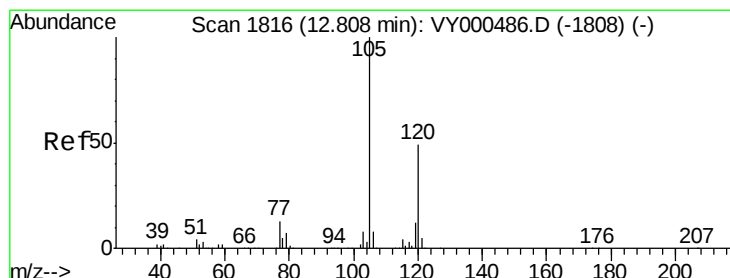
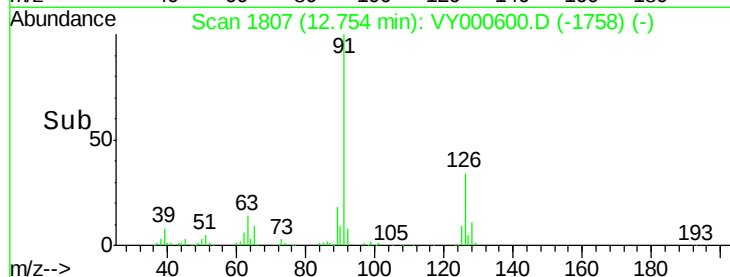
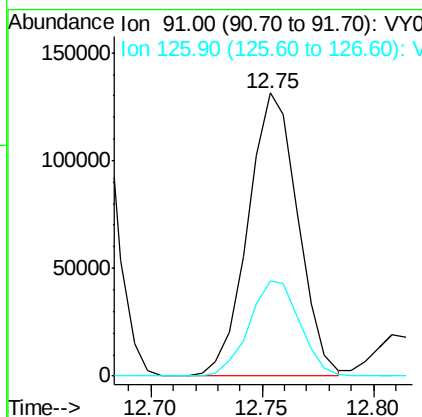
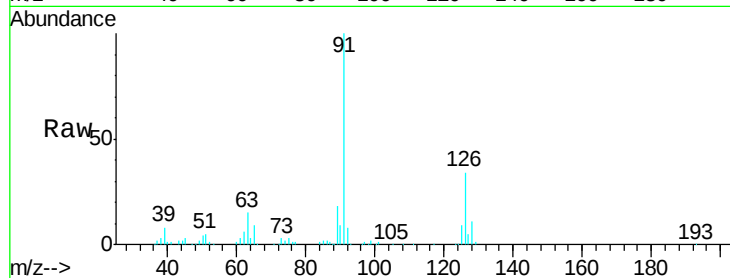
#79
2-Chlorotoluene
Concen: 22.022 ug/l
RT: 12.75 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VY000600.D
Acq: 07 Nov 2019 23:30

Instrument :
MSVOA_Y
ClientSampled :
VY1107SBS02

Tgt Ion: 91 Resp: 204442
Ion Ratio Lower Upper
91 100
126 34.5 17.7 53.1

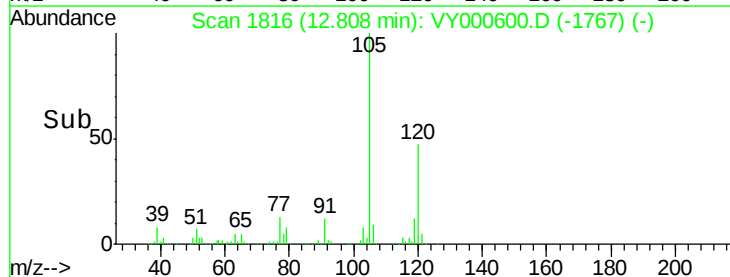
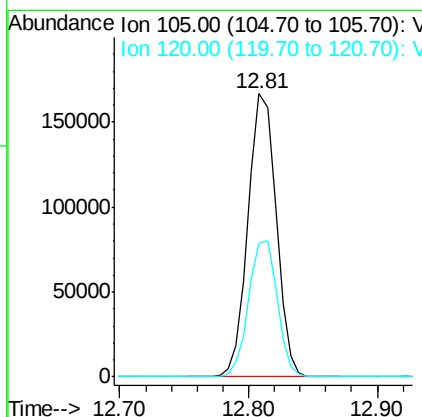
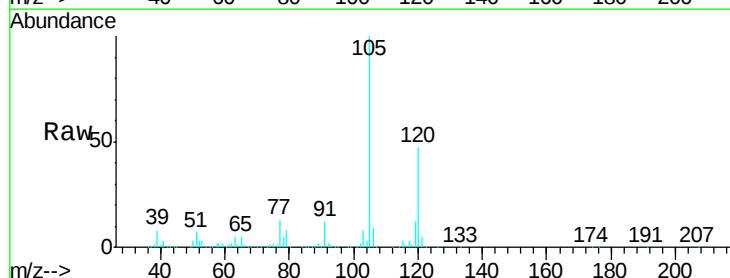
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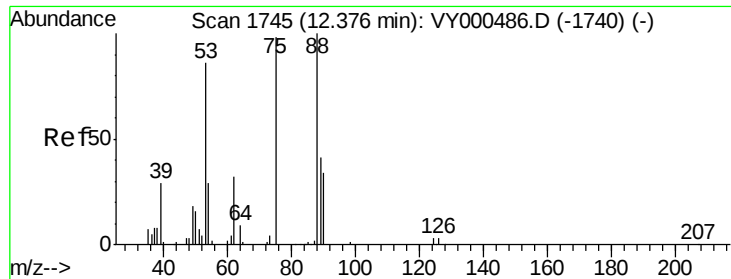
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#80
1,3,5-Trimethylbenzene
Concen: 21.791 ug/l
RT: 12.81 min Scan# 1816
Delta R.T. 0.00 min
Lab File: VY000600.D
Acq: 07 Nov 2019 23:30

Tgt Ion: 105 Resp: 251532
Ion Ratio Lower Upper
105 100
120 48.9 24.9 74.8





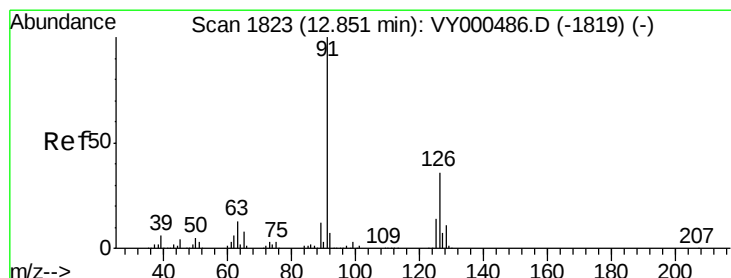
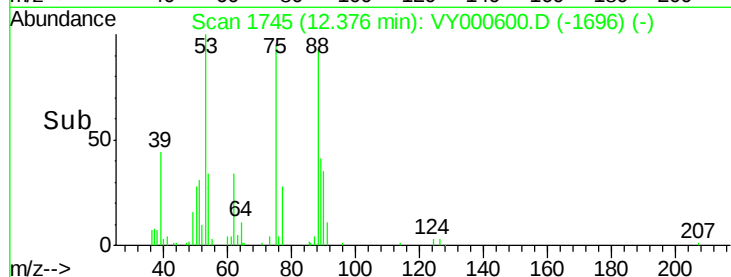
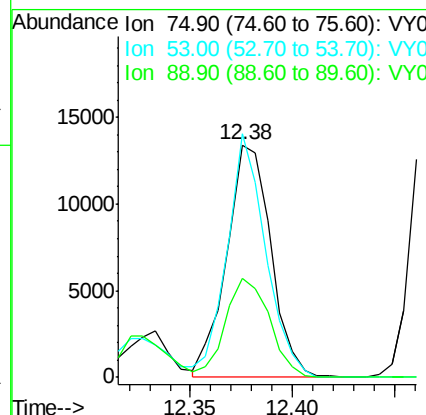
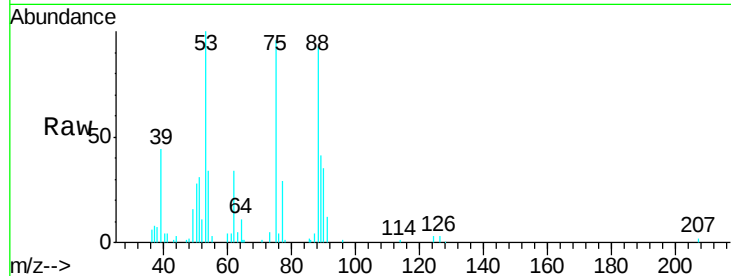
#81
trans-1,4-Dichloro-2-butene
Concen: 21.126 ug/l
RT: 12.38 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VY000600.D
Acq: 07 Nov 2019 23:30

Instrument :
MSVOA_Y
ClientSampleId :
VY1107SBSD02

Tgt Ion	Ratio	Lower	Upper
75	100		
53	92.4	73.2	109.8
89	42.4	35.9	53.9

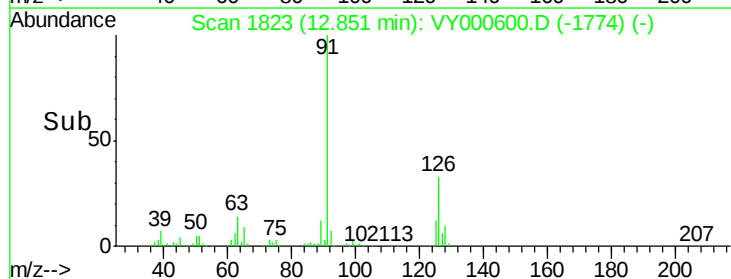
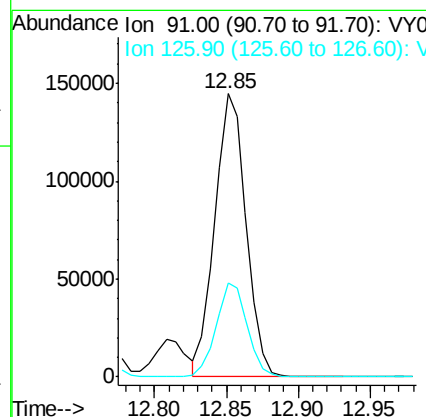
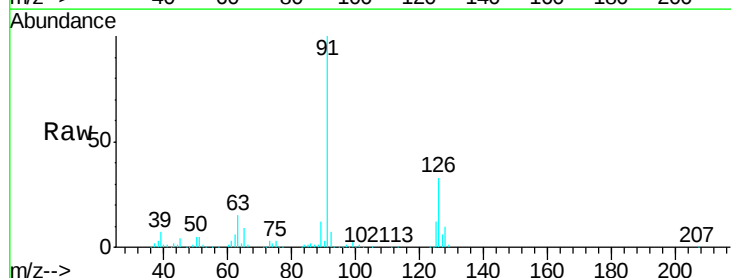
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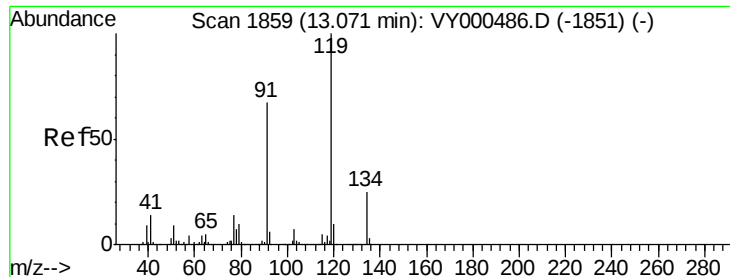
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#82
4-Chlorotoluene
Concen: 22.733 ug/l
RT: 12.85 min Scan# 1823
Delta R.T. 0.00 min
Lab File: VY000600.D
Acq: 07 Nov 2019 23:30

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.0	17.6	52.9





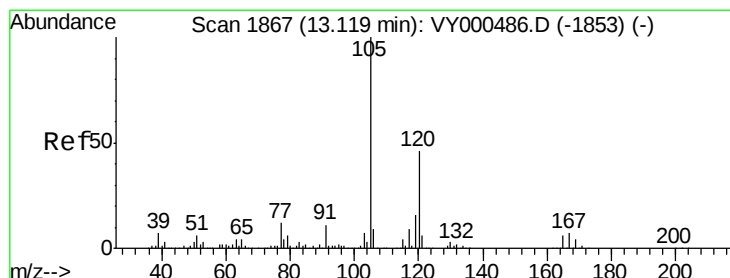
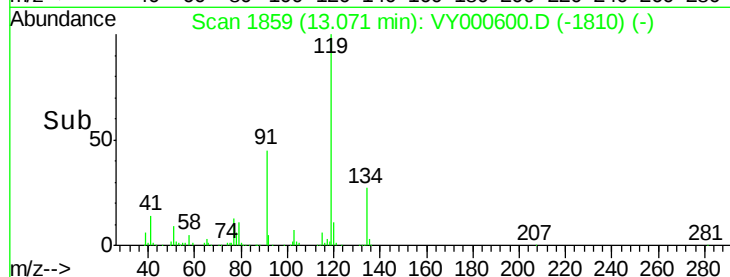
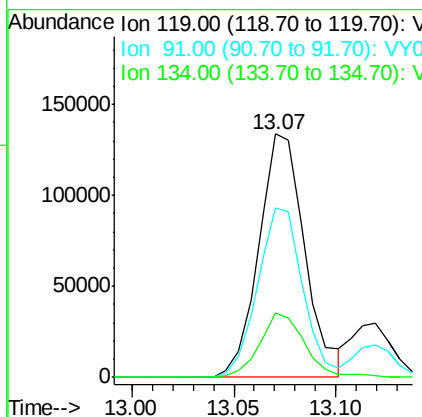
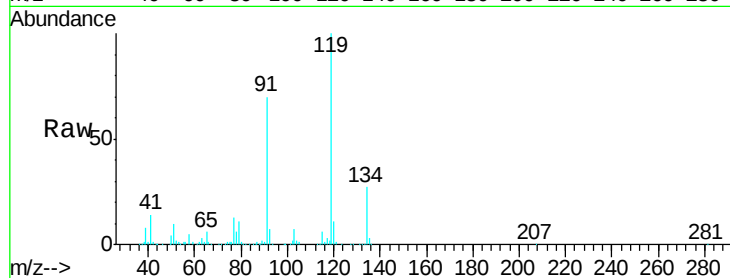
#83
tert-Butylbenzene
Concen: 21.371 ug/l
RT: 13.07 min Scan# 1859
Delta R.T. 0.00 min
Lab File: VY000600.D
Acq: 07 Nov 2019 23:30

Instrument :
MSVOA_Y
ClientSampleId :
VY1107SBS02

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	210626		
91	68.2	32.1	96.3	
134	26.2	13.2	39.5	

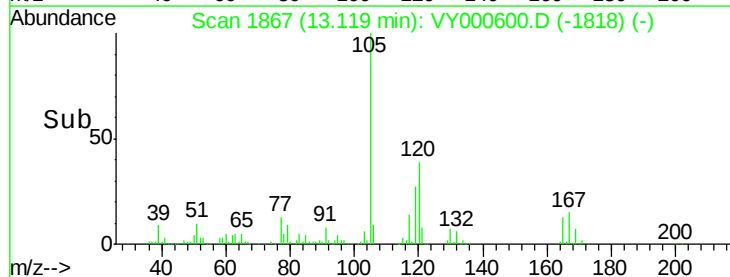
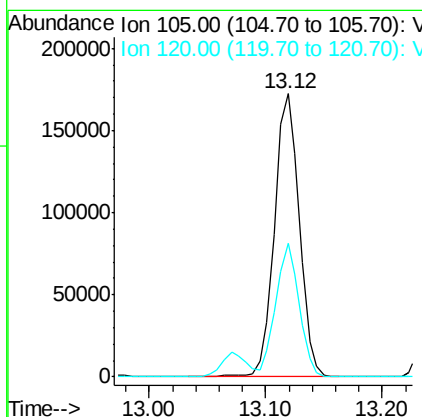
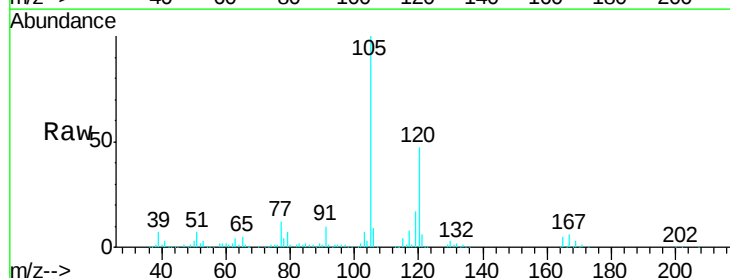
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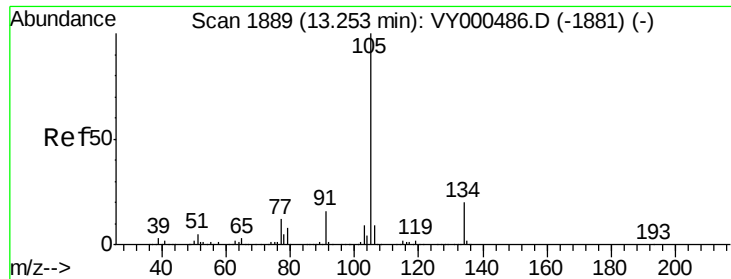
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#84
1,2,4-Trimethylbenzene
Concen: 22.183 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VY000600.D
Acq: 07 Nov 2019 23:30

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	254947		
120	44.5	23.3	69.9	





#85

sec-Butylbenzene

Concen: 21.691 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VY000600.D

Acq: 07 Nov 2019 23:30

Instrument :

MSVOA_Y

ClientSampleId :

VY1107SBS02

Tgt Ion:105 Resp: 304575

Ion Ratio Lower Upper

105 100

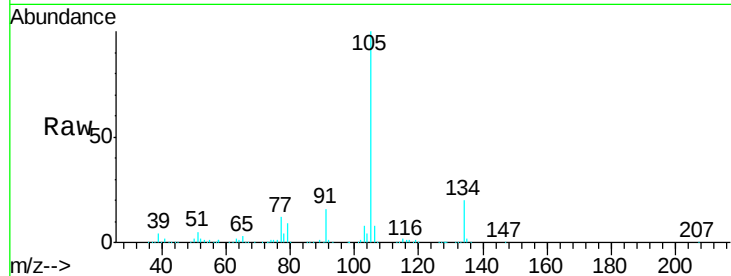
134 19.5 10.1 30.1

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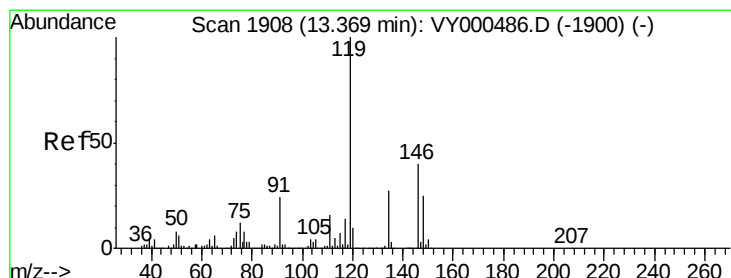
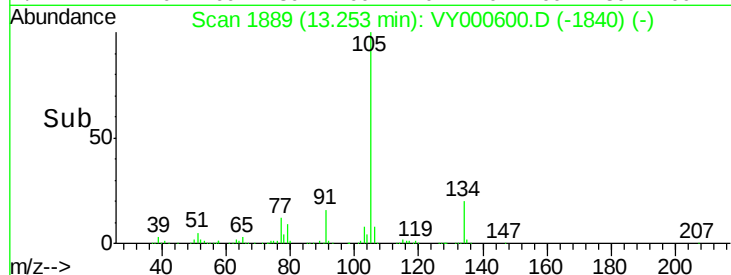
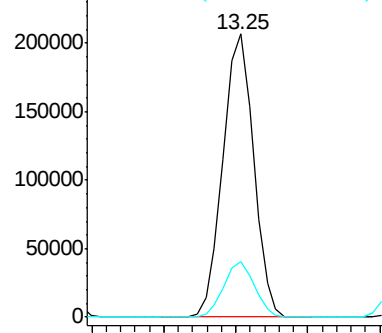
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.380 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY000600.D

Acq: 07 Nov 2019 23:30

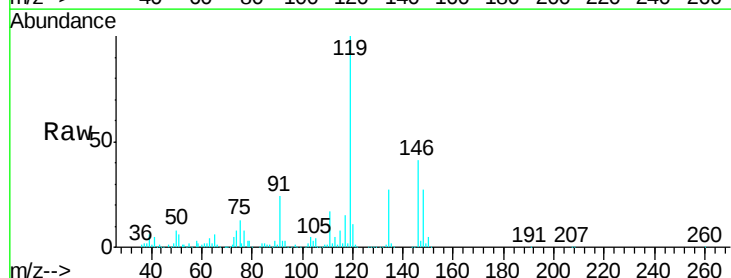
Tgt Ion:119 Resp: 267567

Ion Ratio Lower Upper

119 100

134 27.0 13.6 40.8

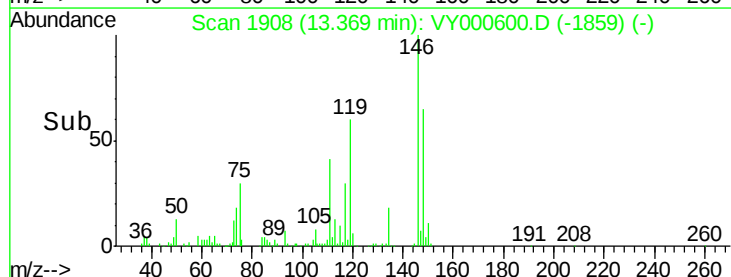
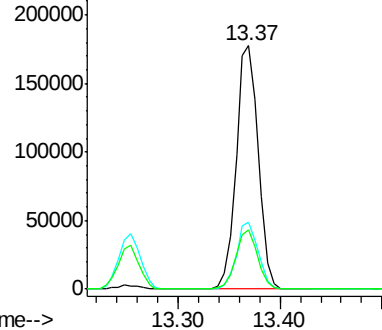
91 24.1 12.0 36.1

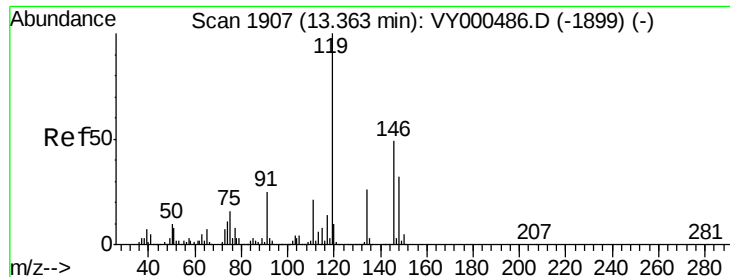


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





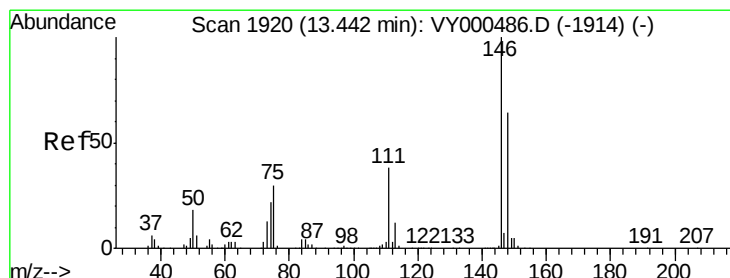
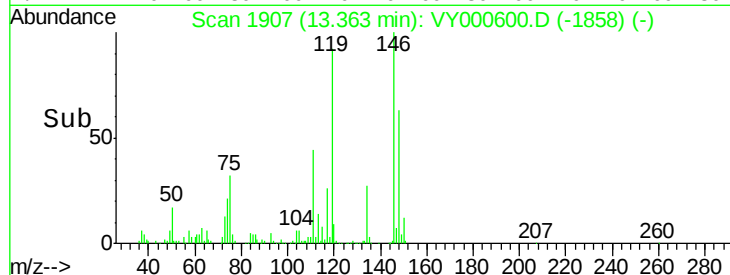
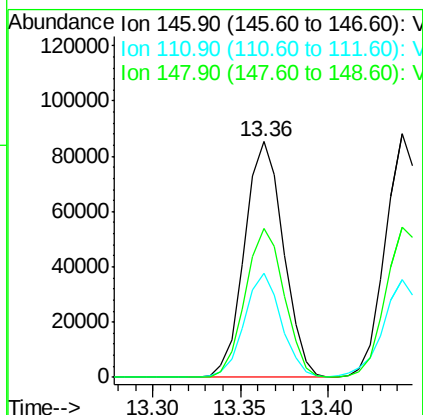
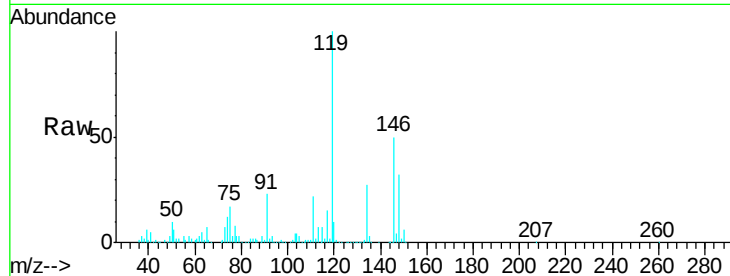
#87
 1,3-Dichlorobenzene
 Concen: 21.446 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VY000600.D
 Acq: 07 Nov 2019 23:30

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1107SBS02

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	132019		
111	42.1	20.3	60.8	
148	63.4	31.5	94.5	

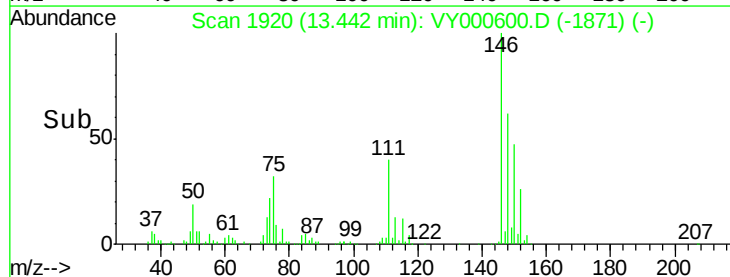
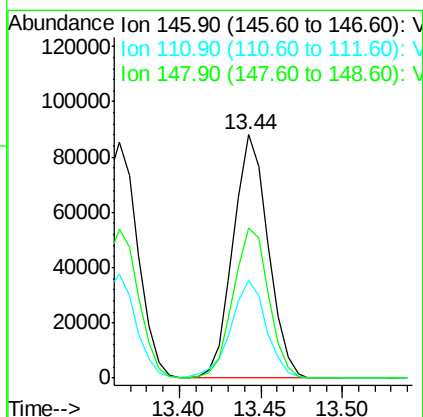
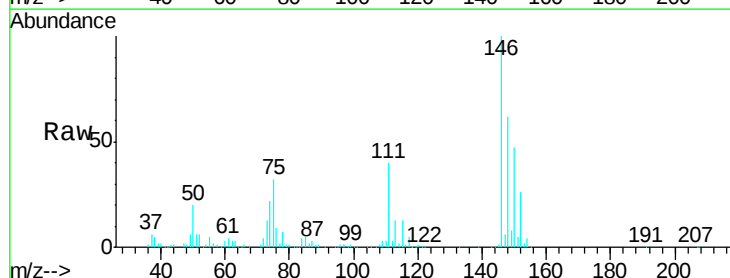
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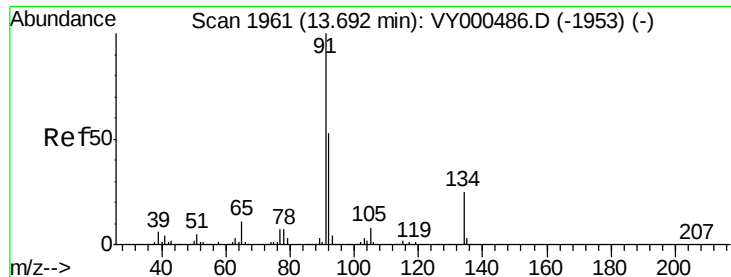
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#88
 1,4-Dichlorobenzene
 Concen: 21.464 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. 0.00 min
 Lab File: VY000600.D
 Acq: 07 Nov 2019 23:30

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	132034		
111	40.9	19.7	59.0	
148	62.3	31.9	95.7	





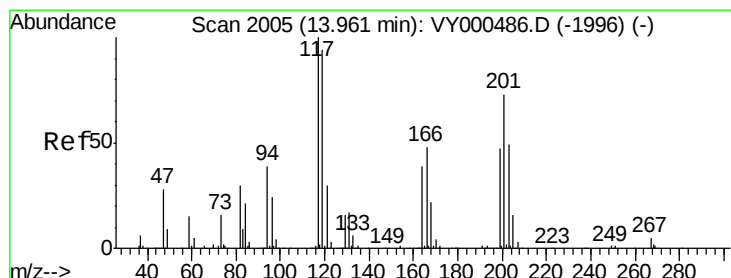
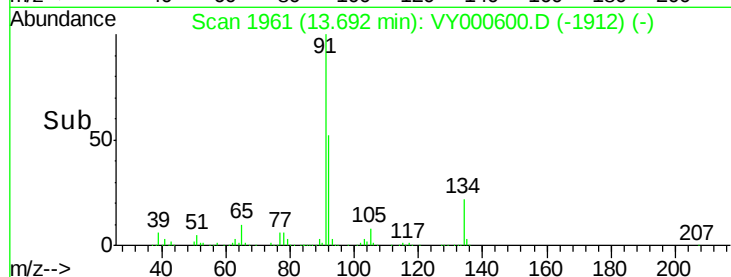
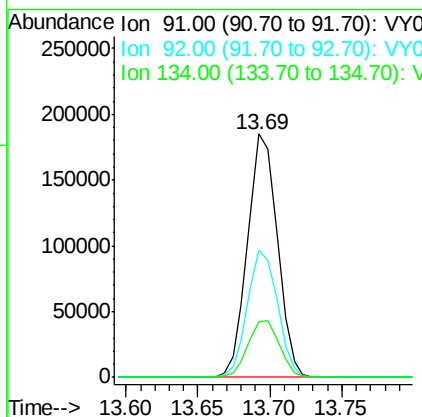
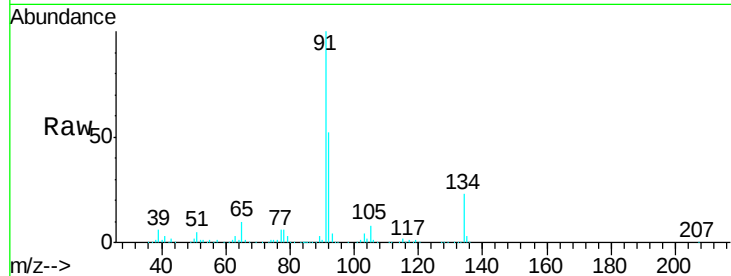
#89
n-Butylbenzene
Concen: 21.505 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. 0.00 min
Lab File: VY000600.D
Acq: 07 Nov 2019 23:30

Instrument :
MSVOA_Y
ClientSampleId :
VY1107SBS02

Tgt Ion	Ratio	Lower	Upper
91	100		
92	52.8	26.8	80.3
134	24.5	12.9	38.7

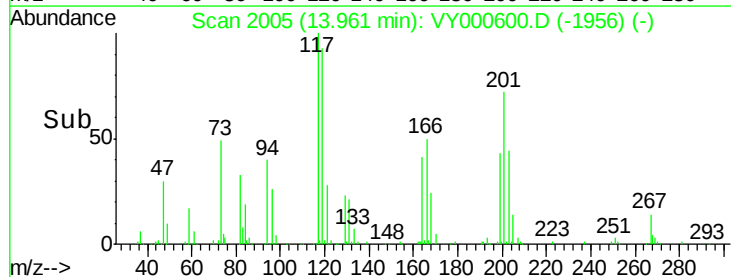
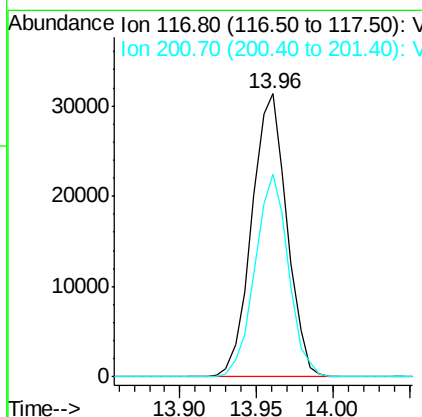
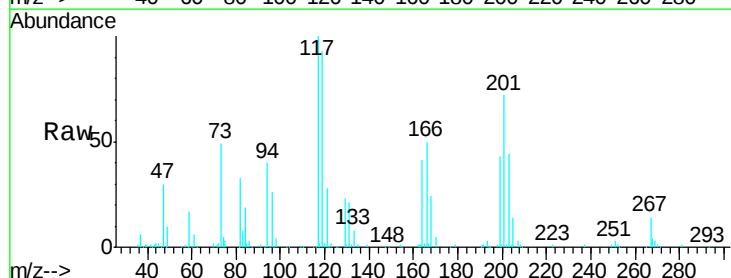
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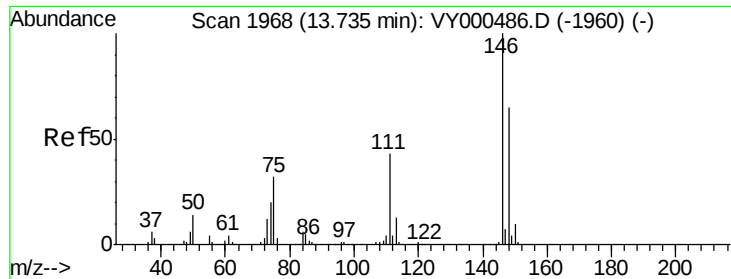
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#90
Hexachloroethane
Concen: 21.628 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. 0.00 min
Lab File: VY000600.D
Acq: 07 Nov 2019 23:30

Tgt Ion	Ratio	Lower	Upper
117	100		
201	68.3	35.8	107.3





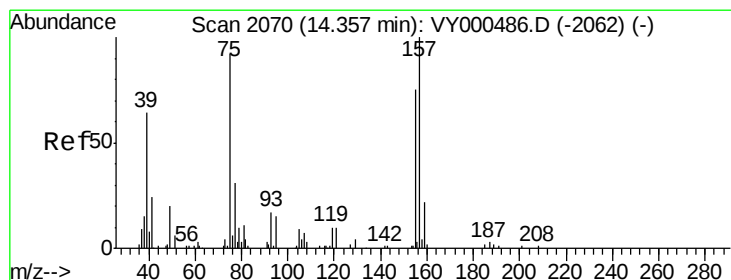
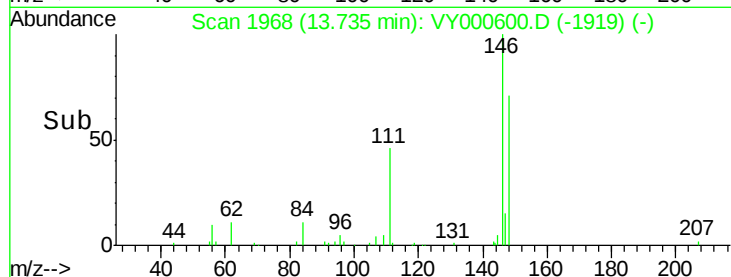
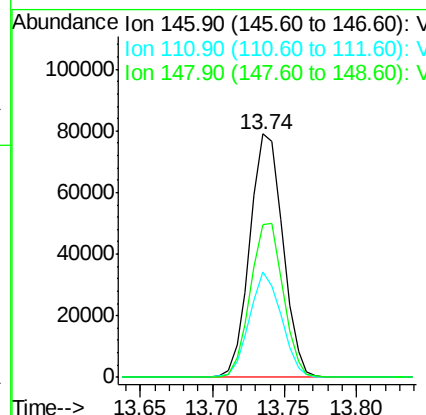
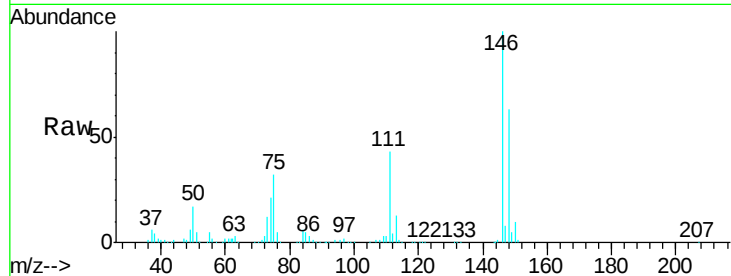
#91
 1,2-Dichlorobenzene
 Concen: 22.338 ug/l
 RT: 13.74 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VY000600.D
 Acq: 07 Nov 2019 23:30

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1107SBS02

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.2	20.5	61.5
148	63.1	31.7	95.1

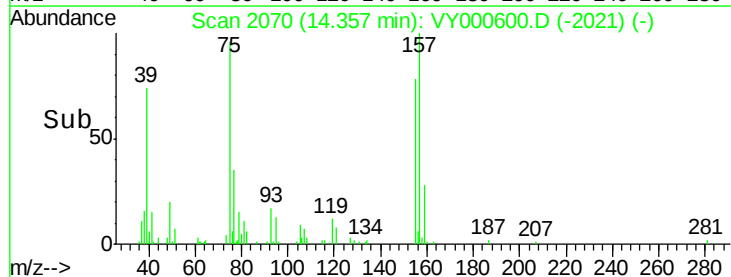
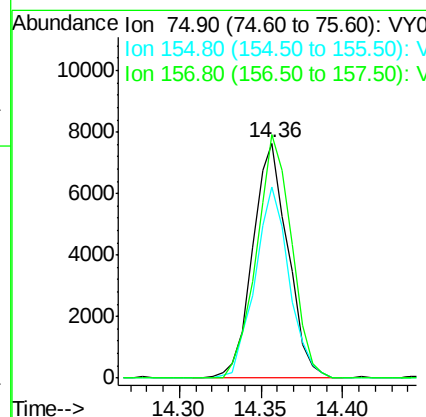
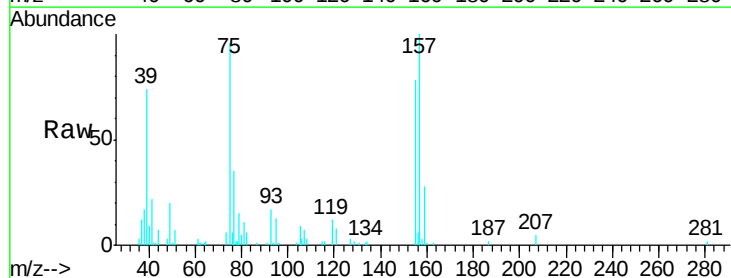
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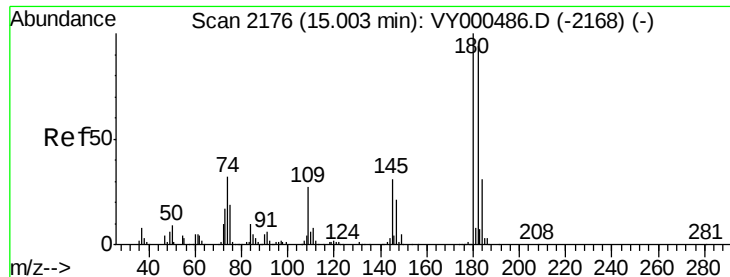
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 23.547 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. 0.00 min
 Lab File: VY000600.D
 Acq: 07 Nov 2019 23:30

Tgt Ion	Ratio	Lower	Upper
75	100		
155	79.2	42.4	127.1
157	103.0	55.1	165.3





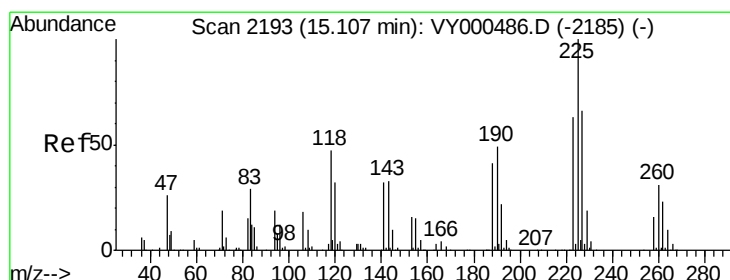
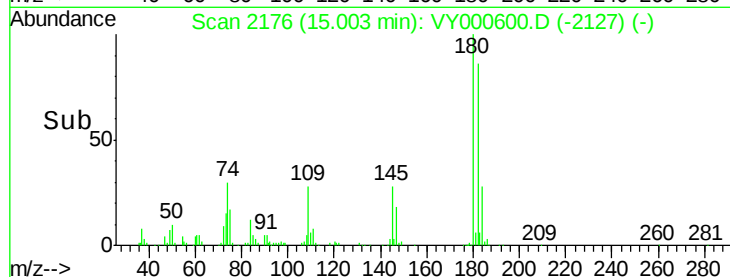
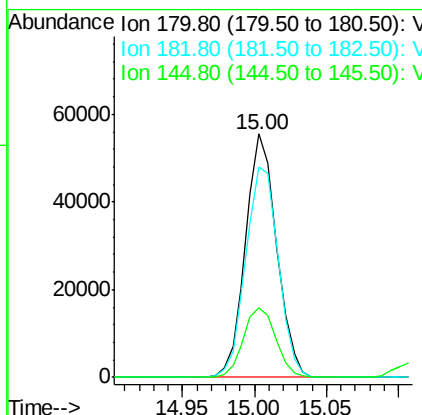
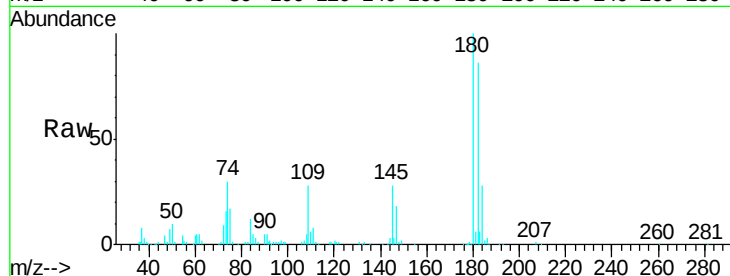
#93
1,2,4-Trichlorobenzene
Concen: 21.796 ug/l
RT: 15.00 min Scan# 2176
Delta R.T. 0.00 min
Lab File: VY000600.D
Acq: 07 Nov 2019 23:30

Instrument :
MSVOA_Y
ClientSampleId :
VY1107SBS02

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	82890		
182	90.4	47.8	143.4	
145	29.9	16.0	47.9	

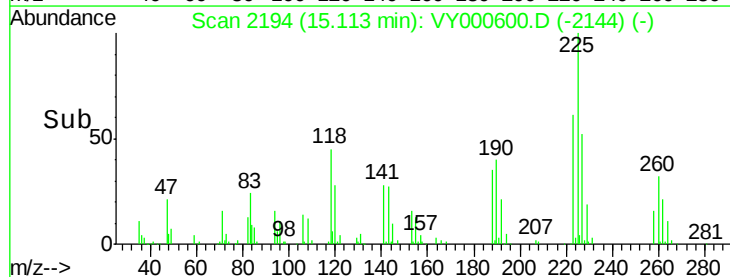
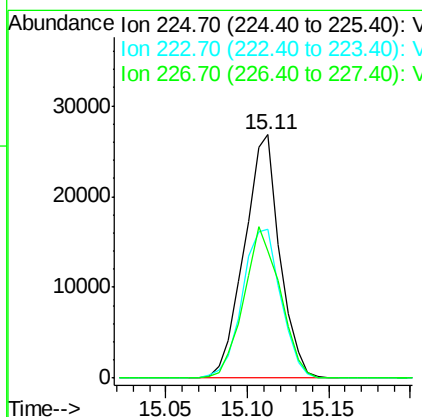
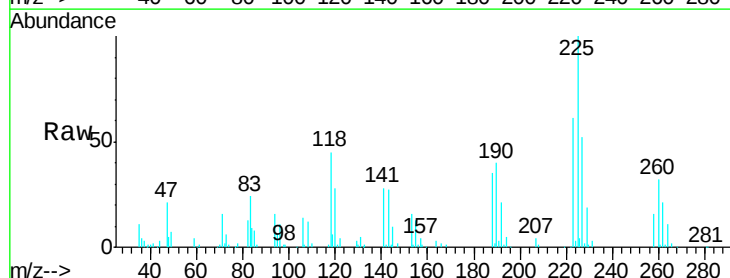
Manual Integrations
APPROVED

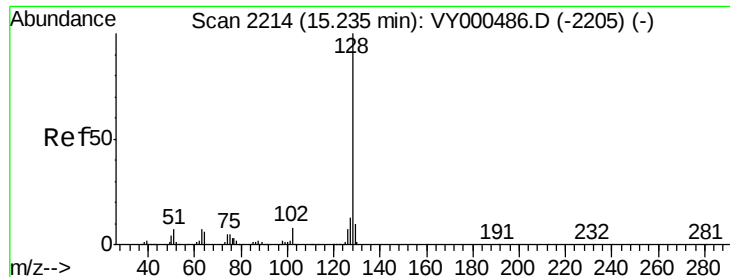
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#94
Hexachlorobutadiene
Concen: 20.797 ug/l
RT: 15.11 min Scan# 2194
Delta R.T. 0.01 min
Lab File: VY000600.D
Acq: 07 Nov 2019 23:30

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	40770		
223	66.4	31.3	93.8	
227	63.4	32.4	97.0	





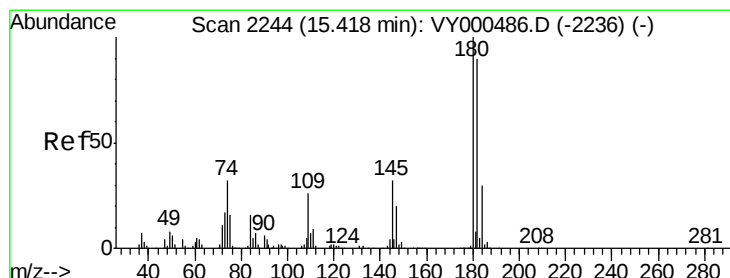
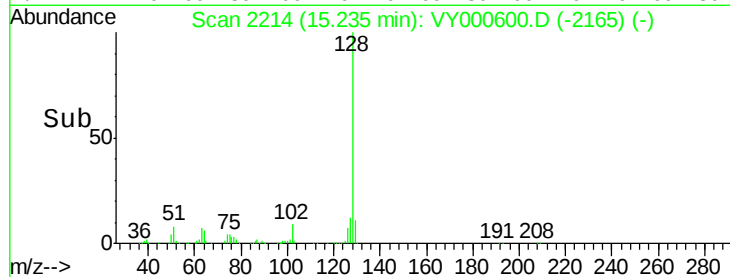
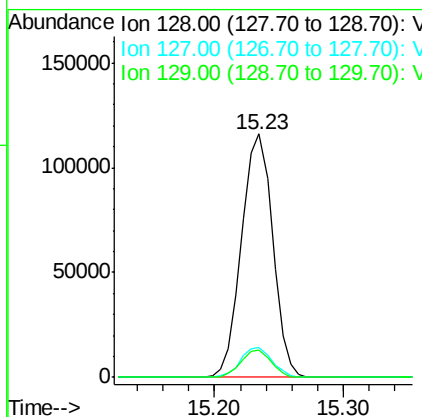
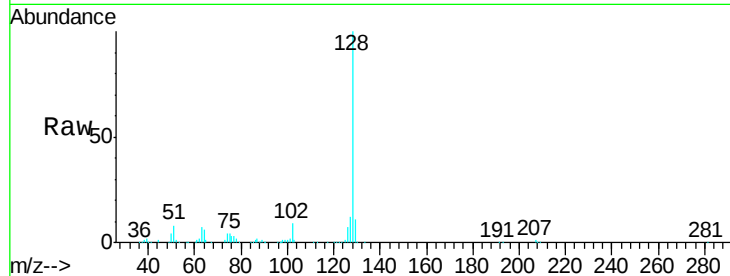
#95
Naphthalene
Concen: 23.038 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY000600.D
Acq: 07 Nov 2019 23:30

Instrument :
MSVOA_Y
ClientSampleId :
VY1107SBS02

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	194498		
127	12.4	9.8	14.6	
129	10.8	8.7	13.1	

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 21.614 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. 0.01 min
Lab File: VY000600.D
Acq: 07 Nov 2019 23:30

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	73746		
182	97.1	47.4	142.3	
145	31.4	15.7	47.0	

