

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY110119\
 Data File : VY000520.D
 Acq On : 01 Nov 2019 12:27
 Operator : SY/MD
 Sample : VY1101SBSD01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1101SBSD01

Manual Integrations
 APPROVED

MMDadoda
 11/4/2019 3:40:27 PM

Quant Time: Nov 01 23:06:20 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	251651	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	401816	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	358568	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	176634	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.16	65	132339	50.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.64%	
35) Dibromofluoromethane	7.74	113	115546	48.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.96%	
50) Toluene-d8	10.19	98	471945	52.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.46%	
62) 4-Bromofluorobenzene	12.48	95	163644	48.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	46658	18.835	ug/l	94
3) Chloromethane	2.11	50	64006	18.756	ug/l	100
4) Vinyl Chloride	2.26	62	59579	18.801	ug/l	96
5) Bromomethane	2.65	94	37424	19.694	ug/l	92
6) Chloroethane	2.80	64	37916	19.117	ug/l	99
7) Trichlorofluoromethane	3.13	101	84048	19.639	ug/l	97
8) Diethyl Ether	3.54	74	29934	19.685	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.90	101	49783	19.241	ug/l	99
10) Methyl Iodide	4.10	142	56694	18.781	ug/l	97
11) Tert butyl alcohol	4.97	59	22567	89.019	ug/l	98
12) 1,1-Dichloroethene	3.88	96	47807	19.018	ug/l	97
13) Acrolein	3.74	56	19538	88.479	ug/l	95
14) Allyl chloride	4.49	41	80140	19.606	ug/l	99
15) Acrylonitrile	5.18	53	74406	95.517	ug/l	99
16) Acetone	3.96	43	59796	83.309	ug/l	97
17) Carbon Disulfide	4.20	76	150601	18.995	ug/l	99
18) Methyl Acetate	4.49	43	38841	17.404	ug/l	97
19) Methyl tert-butyl Ether	5.24	73	130043	18.607	ug/l	96
20) Methylene Chloride	4.72	84	60645	19.718	ug/l	93
21) trans-1,2-Dichloroethene	5.23	96	56033	19.717	ug/l	94
22) Diisopropyl ether	6.13	45	166794	18.774	ug/l	97
23) Vinyl Acetate	6.08	43	536498	95.663	ug/l	98
24) 1,1-Dichloroethane	6.03	63	89282	18.550	ug/l	100
25) 2-Butanone	7.00	43	102780	89.725	ug/l	100
26) 2,2-Dichloropropane	6.99	77	85294	19.392	ug/l	98
27) cis-1,2-Dichloroethene	7.00	96	58583	18.852	ug/l	98
28) Bromochloromethane	7.35	49	23437	13.896	ug/l	94
29) Tetrahydrofuran	7.36	42	63730	90.942	ug/l	99
30) Chloroform	7.52	83	93035	19.108	ug/l	96
31) Cyclohexane	7.80	56	94306	18.708	ug/l	# 95
32) 1,1,1-Trichloroethane	7.72	97	83653	19.278	ug/l	99
36) 1,1-Dichloropropene	7.93	75	75526	19.883	ug/l	99
37) Ethyl Acetate	7.09	43	44289	19.638	ug/l	100
38) Carbon Tetrachloride	7.91	117	73510	20.112	ug/l	99

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Quant Time: Nov 01 23:06:20 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)
39) Methylcyclohexane	9.19	83	98282	20.027	ug/l	97
40) Benzene	8.17	78	218561	19.626	ug/l	96
41) Methacrylonitrile	7.33	41	25142m	19.984	ug/l	
42) 1,2-Dichloroethane	8.25	62	63974	20.254	ug/l	100
43) Isopropyl Acetate	8.28	43	83352	19.675	ug/l	98
44) Trichloroethene	8.95	130	60005	20.436	ug/l	90
45) 1,2-Dichloropropane	9.22	63	55736	20.335	ug/l	92
46) Dibromomethane	9.31	93	29944	19.865	ug/l	98
47) Bromodichloromethane	9.50	83	70176	19.620	ug/l	94
48) Methyl methacrylate	9.30	41	36385	19.657	ug/l	97
49) 1,4-Dioxane	9.31	88	7728	380.928	ug/l	94
51) 4-Methyl-2-Pentanone	10.08	43	219142	97.292	ug/l	98
52) Toluene	10.25	92	138534	19.676	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	75794	19.832	ug/l	99
54) cis-1,3-Dichloropropene	9.94	75	88048	20.111	ug/l	97
55) 1,1,2-Trichloroethane	10.65	97	42689	19.580	ug/l	92
56) Ethyl methacrylate	10.52	69	60279	19.507	ug/l	98
57) 1,3-Dichloropropane	10.80	76	74574	19.543	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.79	63	137256	98.248	ug/l	99
59) 2-Hexanone	10.83	43	158638	96.666	ug/l	99
60) Dibromochloromethane	10.99	129	46554	18.642	ug/l	95
61) 1,2-Dibromoethane	11.09	107	40889	19.505	ug/l	99
64) Tetrachloroethene	10.72	164	60930	20.550	ug/l	96
65) Chlorobenzene	11.52	112	146431	20.142	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.59	131	48941	19.411	ug/l	98
67) Ethyl Benzene	11.59	91	266716	19.934	ug/l	99
68) m/p-Xylenes	11.70	106	209717	40.498	ug/l	99
69) o-Xylene	12.03	106	93595	19.231	ug/l	97
70) Styrene	12.05	104	160222	19.225	ug/l	98
71) Bromoform	12.21	173	28229	19.466	ug/l	# 97
73) Isopropylbenzene	12.33	105	262800	20.131	ug/l	99
74) N-amyl acetate	12.14	43	72604	19.419	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	51445	19.903	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	39452m	19.616	ug/l	
77) Bromobenzene	12.61	156	59421	20.072	ug/l	97
78) n-propylbenzene	12.67	91	320268	20.333	ug/l	99
79) 2-Chlorotoluene	12.75	91	175122	20.026	ug/l	98
80) 1,3,5-Trimethylbenzene	12.81	105	219799	20.216	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	16614	18.522	ug/l	98
82) 4-Chlorotoluene	12.86	91	181406	20.013	ug/l	100
83) tert-Butylbenzene	13.08	119	184151	19.837	ug/l	98
84) 1,2,4-Trimethylbenzene	13.12	105	220194	20.341	ug/l	100
85) sec-Butylbenzene	13.25	105	265577	20.080	ug/l	98
86) p-Isopropyltoluene	13.37	119	241217	20.463	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	116981	20.174	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	115207	19.883	ug/l	99
89) n-Butylbenzene	13.69	91	233286	20.065	ug/l	99
90) Hexachloroethane	13.96	117	42748	19.616	ug/l	100
91) 1,2-Dichlorobenzene	13.74	146	107830	20.496	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	8968	19.604	ug/l	93

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Instrument :
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ClientSampleId :
VY1101SBSD01

Manual Integrations
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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)
93) 1,2,4-Trichlorobenzene	15.01	180	77223	21.557	ug/l	94
94) Hexachlorobutadiene	15.11	225	39487	21.384	ug/l	99
95) Naphthalene	15.23	128	162490	20.433	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	66909	20.819	ug/l	99

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

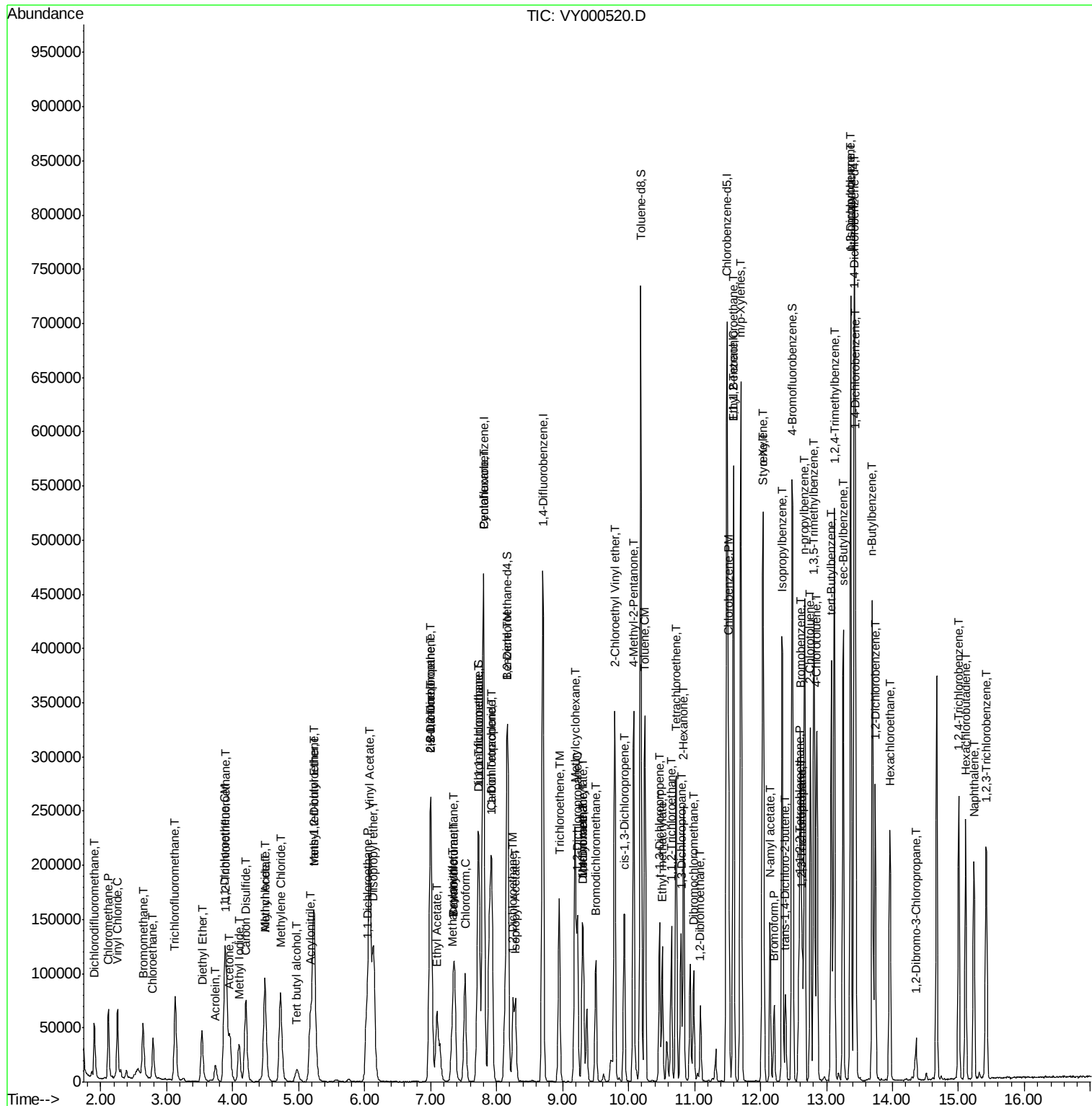
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_Y\DATA\VY110119\
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 Acq On : 01 Nov 2019 12:27
 Operator : SY/MD
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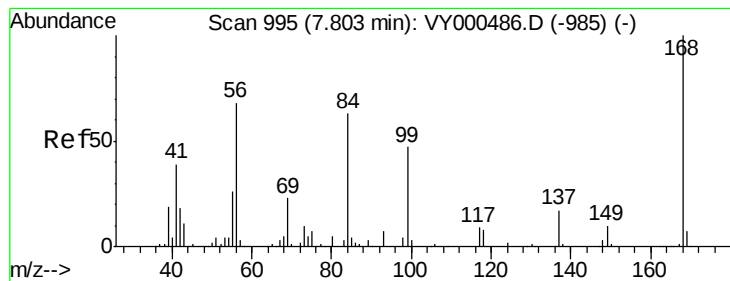
Instrument :
 MSVOA_Y
 Client Sample Id :
 VY1101SBSD01

Manual Integrations
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MMDadoda
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.00 min

Lab File: VY000520.D

Acq: 01 Nov 2019 12:27

Instrument :

MSVOA_Y

ClientSampleId :

VY1101SBSD01

Tgt Ion: 168 Resp: 251651

Ion Ratio Lower Upper

168 100

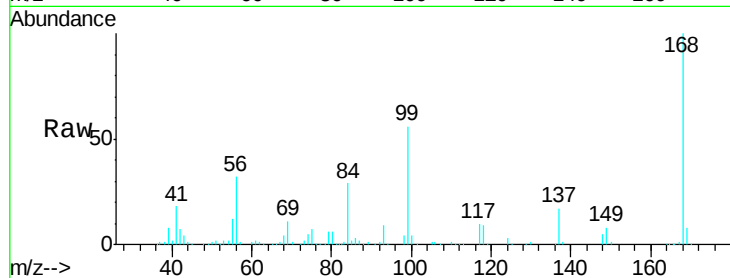
99 55.6 45.7 68.5

Manual Integrations

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11/4/2019 3:40:27 PM



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

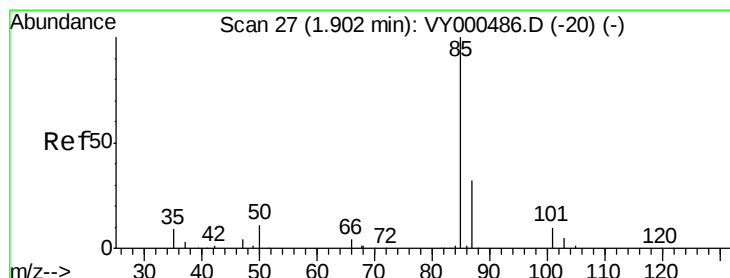
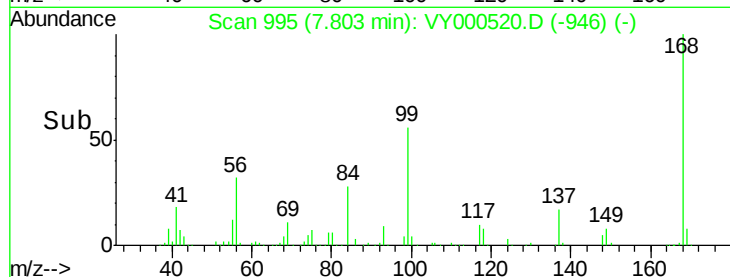
40000

20000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 18.835 ug/l

RT: 1.90 min Scan# 27

Delta R.T. -0.00 min

Lab File: VY000520.D

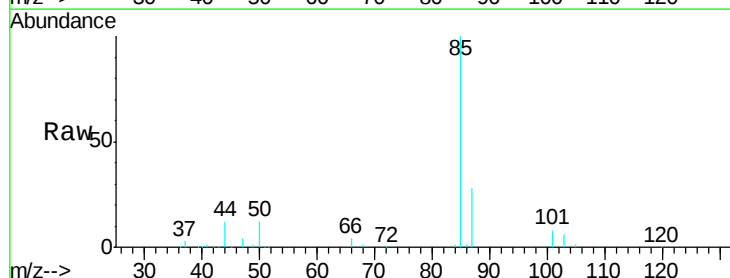
Acq: 01 Nov 2019 12:27

Tgt Ion: 85 Resp: 46658

Ion Ratio Lower Upper

85 100

87 28.5 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

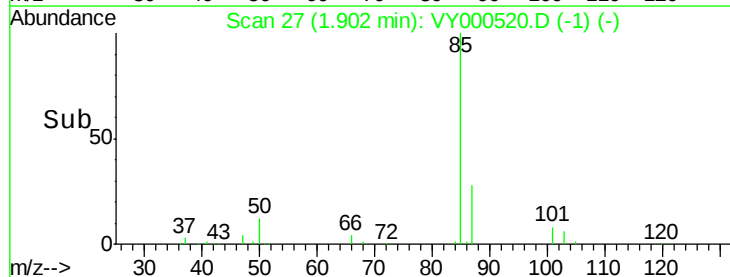
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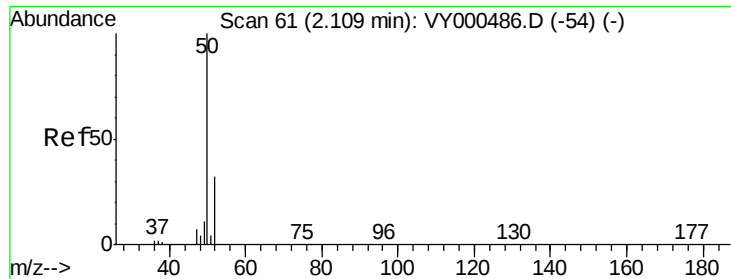
10000

0

1.80 1.85 1.90 1.95 2.00

Time-->





#3

Chloromethane

Concen: 18.756 ug/l

RT: 2.11 min Scan# 62

Delta R.T. 0.01 min

Lab File: VY000520.D

Acq: 01 Nov 2019 12:27

Instrument :

MSVOA_Y

ClientSampleId :

VY1101SBSD01

Tgt Ion: 50 Resp: 64006

Ion Ratio Lower Upper

50 100

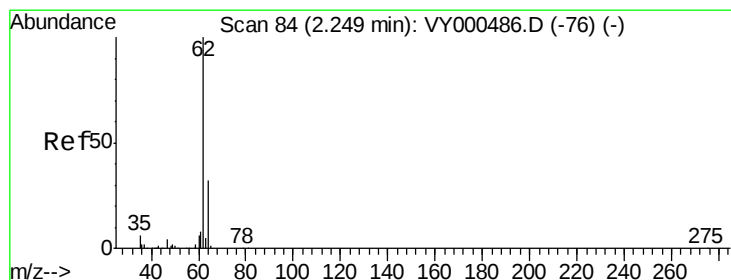
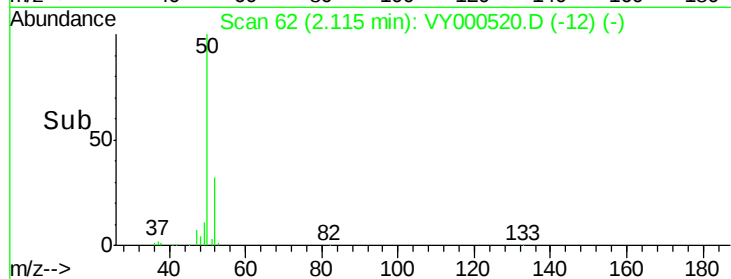
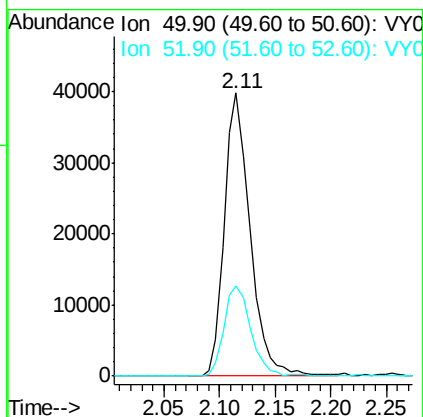
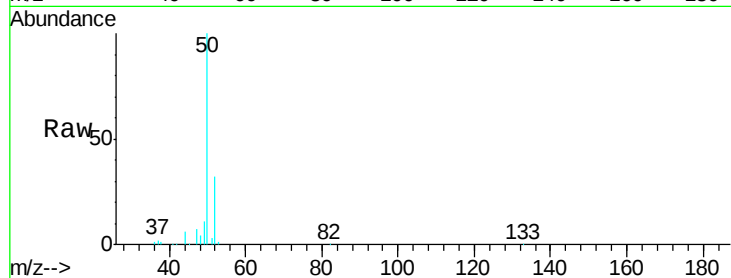
52 31.8 25.2 37.8

Manual Integrations

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#4

Vinyl Chloride

Concen: 18.801 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.01 min

Lab File: VY000520.D

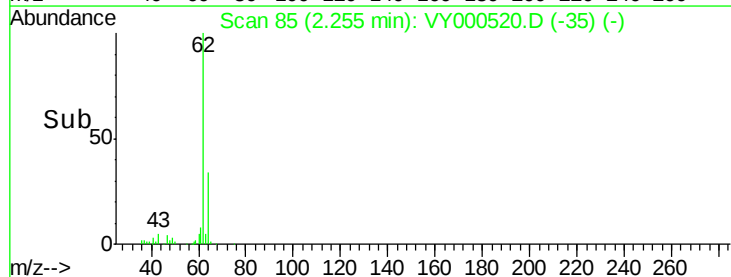
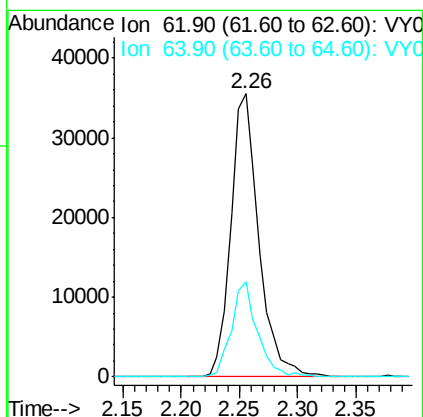
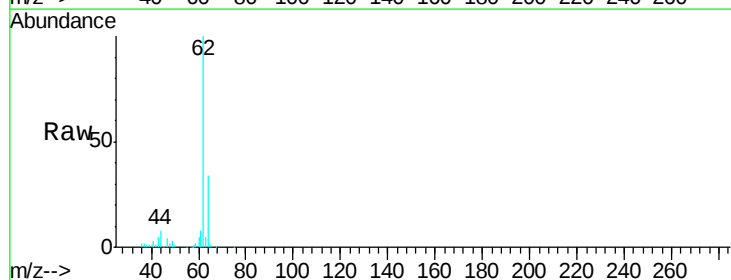
Acq: 01 Nov 2019 12:27

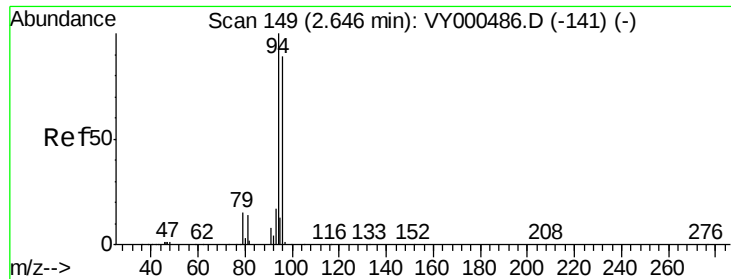
Tgt Ion: 62 Resp: 59579

Ion Ratio Lower Upper

62 100

64 33.8 25.2 37.8





#5

Bromomethane

Concen: 19.694 ug/l

RT: 2.65 min Scan# 149

Delta R.T. -0.00 min

Lab File: VY000520.D

Acq: 01 Nov 2019 12:27

Instrument :

MSVOA_Y

ClientSampleId :

VY1101SBSD01

Tgt Ion: 94 Resp: 37424

Ion Ratio Lower Upper

94 100

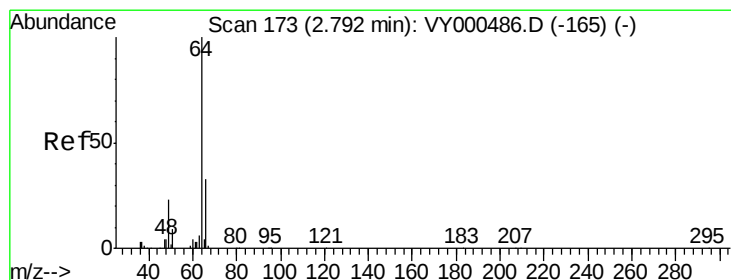
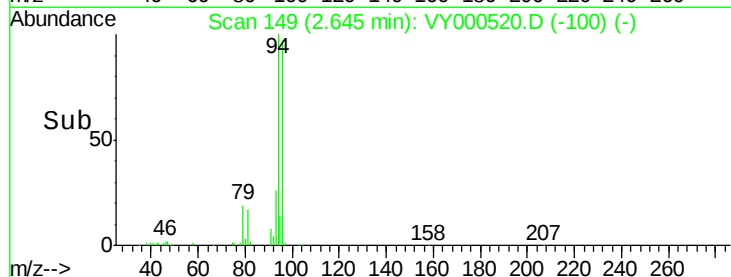
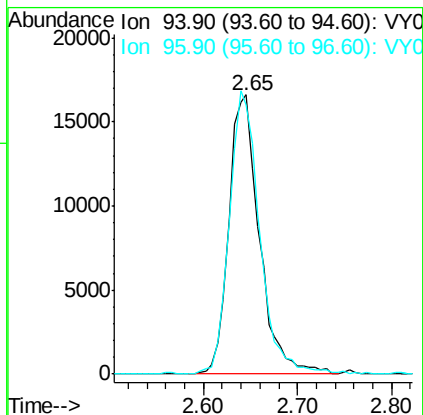
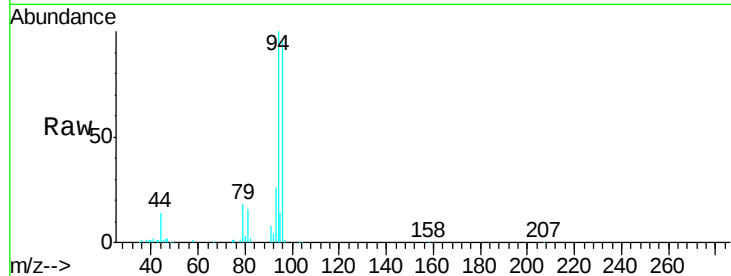
96 96.4 71.2 106.8

Manual Integrations

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#6

Chloroethane

Concen: 19.117 ug/l

RT: 2.80 min Scan# 174

Delta R.T. 0.01 min

Lab File: VY000520.D

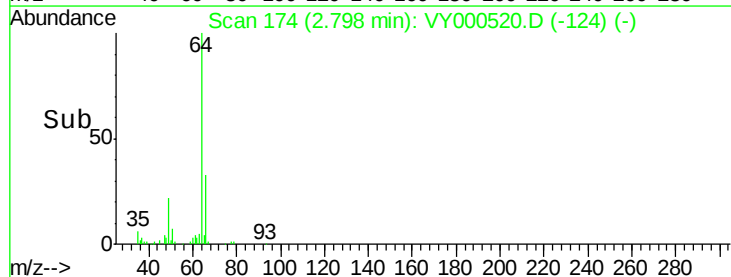
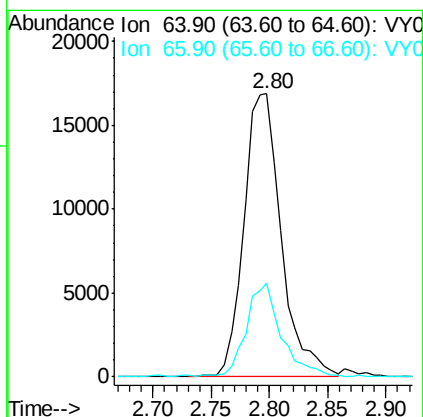
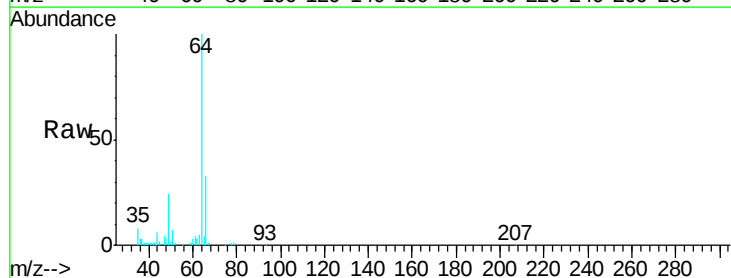
Acq: 01 Nov 2019 12:27

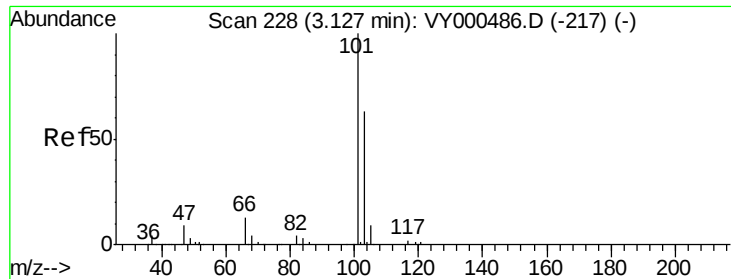
Tgt Ion: 64 Resp: 37916

Ion Ratio Lower Upper

64 100

66 32.7 26.6 40.0





#7

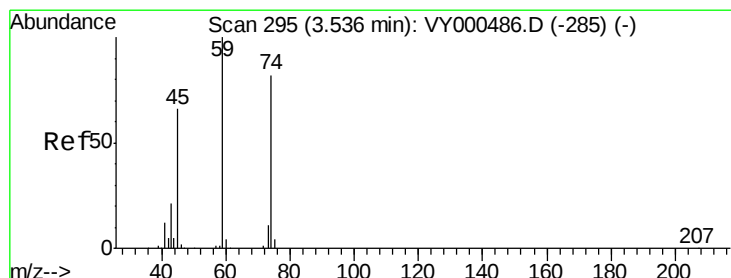
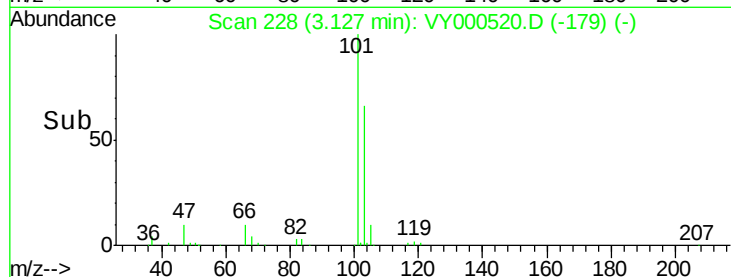
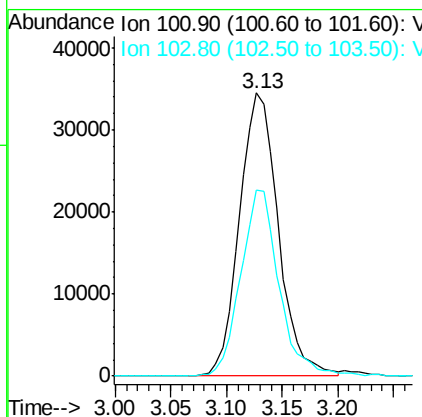
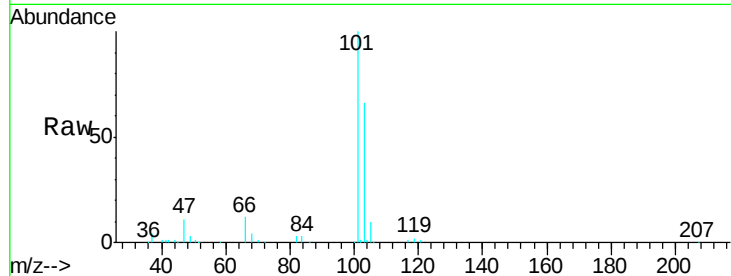
Trichlorofluoromethane
Concen: 19.639 ug/l
RT: 3.13 min Scan# 228
Delta R.T. -0.00 min
Lab File: VY000520.D
Acq: 01 Nov 2019 12:27

Instrument :
MSVOA_Y
ClientSampleId :
VY1101SBS01

Tgt Ion	Ratio	Lower	Upper
101	100		
103	65.7	50.5	75.7

Manual Integrations
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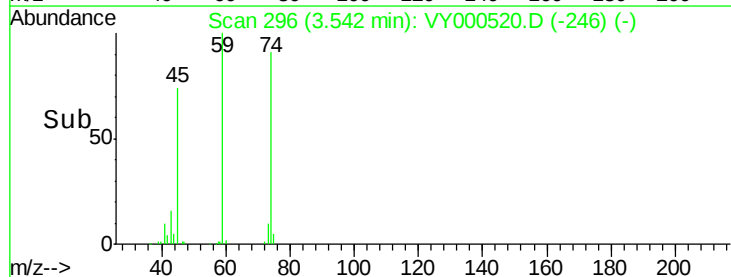
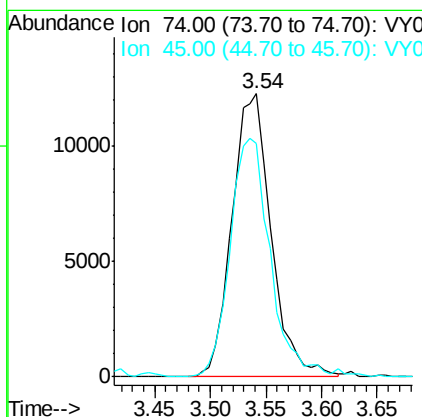
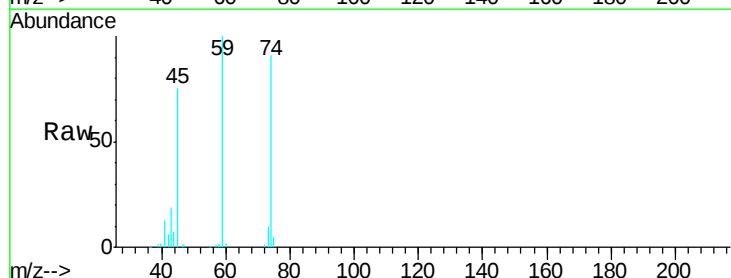
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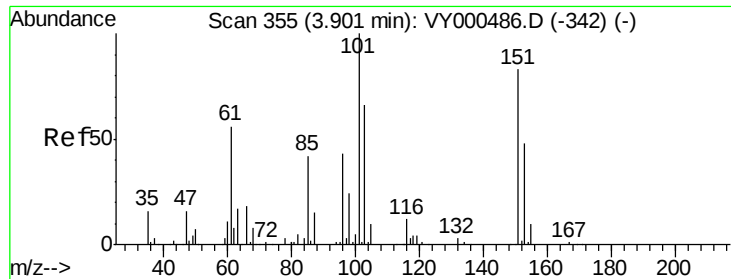


#8

Diethyl Ether
Concen: 19.685 ug/l
RT: 3.54 min Scan# 296
Delta R.T. 0.01 min
Lab File: VY000520.D
Acq: 01 Nov 2019 12:27

Tgt Ion	Ratio	Lower	Upper
74	100		
45	86.1	45.5	136.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.241 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.00 min

Lab File: VY000520.D

Acq: 01 Nov 2019 12:27

Instrument :

MSVOA_Y

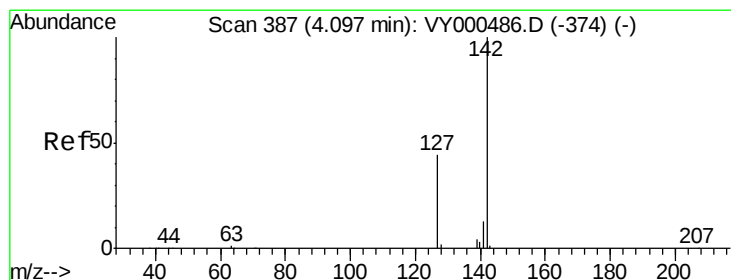
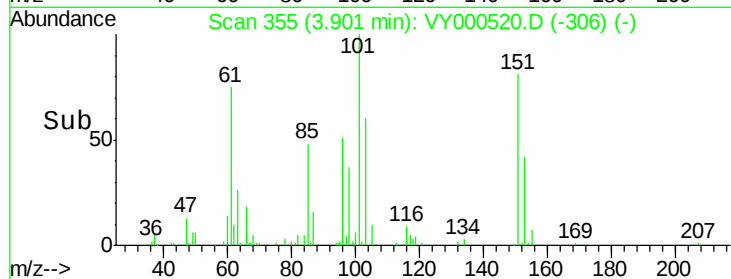
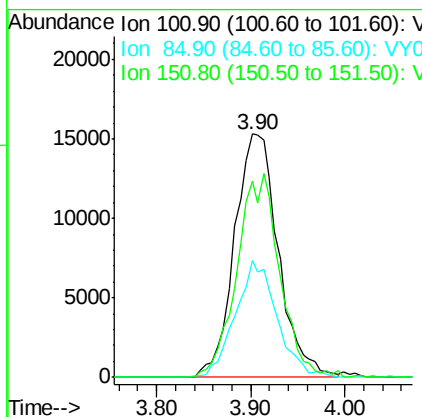
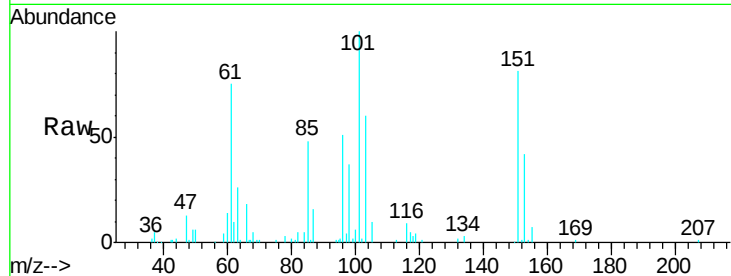
ClientSampleId :

VY1101SBS01

Tgt Ion:	101	Resp:	49783
Ion Ratio	Lower	Upper	
101	100		
85	45.4	36.7	55.1
151	81.7	64.3	96.5

Manual Integrations
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MMDadoda
11/4/2019 3:40:27 PM



#10

Methyl Iodide

Concen: 18.781 ug/l

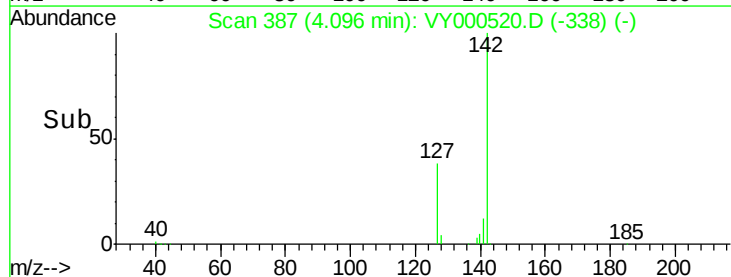
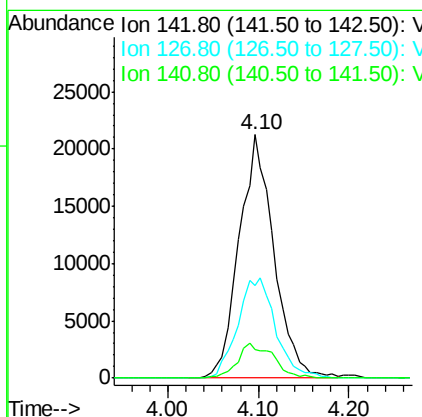
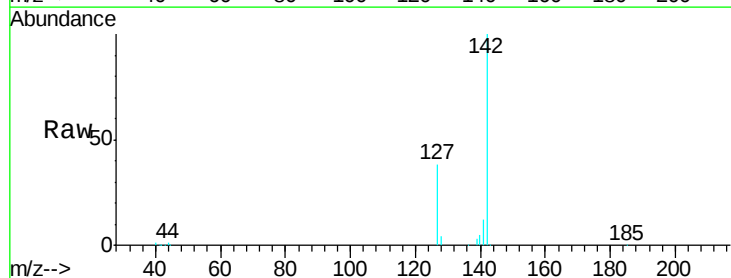
RT: 4.10 min Scan# 387

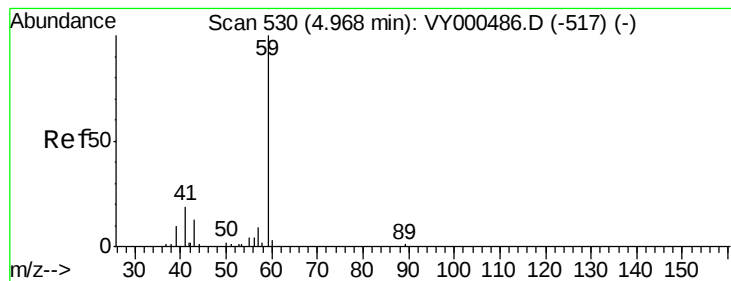
Delta R.T. 0.00 min

Lab File: VY000520.D

Acq: 01 Nov 2019 12:27

Tgt Ion:	142	Resp:	56694
Ion Ratio	Lower	Upper	
142	100		
127	44.5	33.7	50.5
141	14.5	10.9	16.3





#11

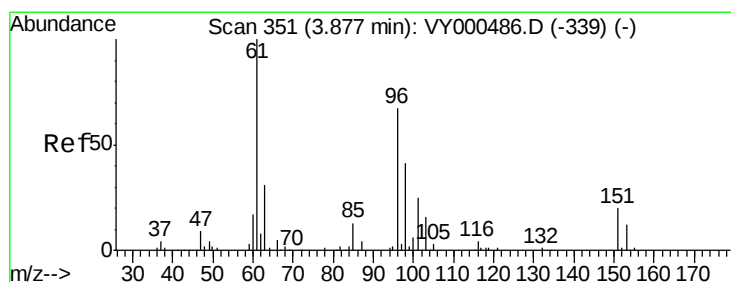
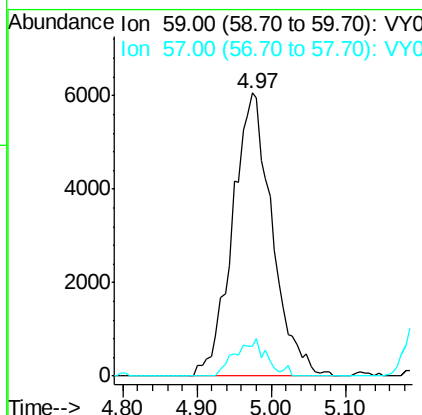
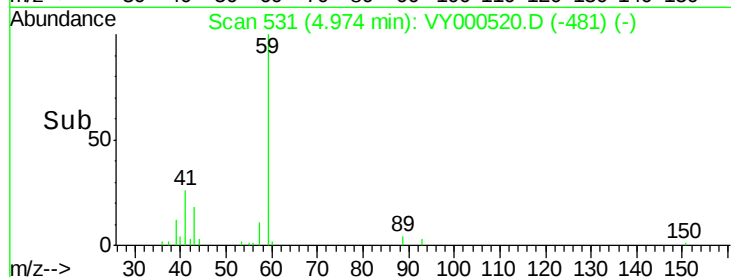
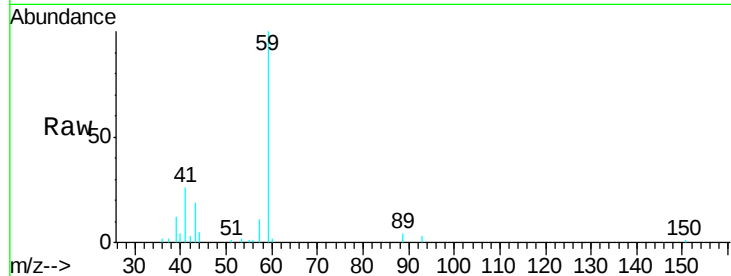
Tert butyl alcohol
Concen: 89.019 ug/l
RT: 4.97 min Scan# 531
Delta R.T. 0.01 min
Lab File: VY000520.D
Acq: 01 Nov 2019 12:27

Instrument :
MSVOA_Y
ClientSampleId :
VY1101SBS01

Tgt Ion	Ratio	Lower	Upper
59	100		
57	9.8	8.6	12.8

Manual Integrations
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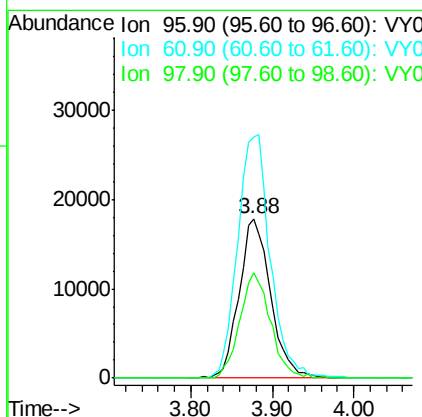
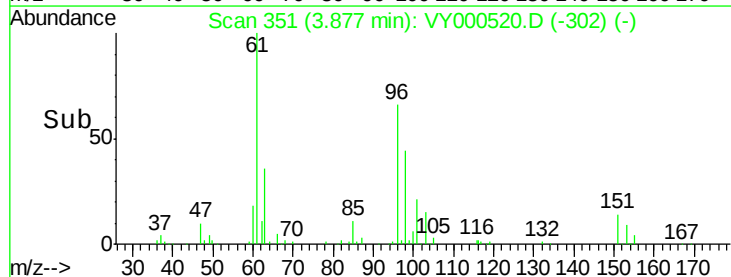
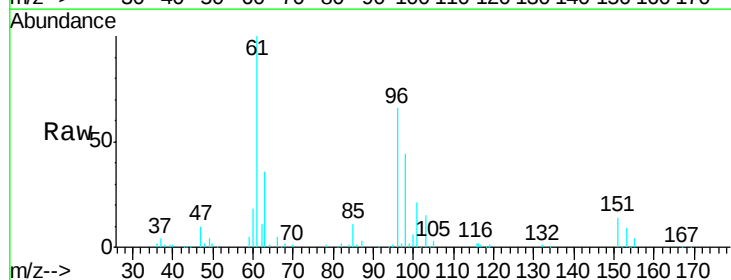
MMDadoda
11/4/2019 3:40:27 PM

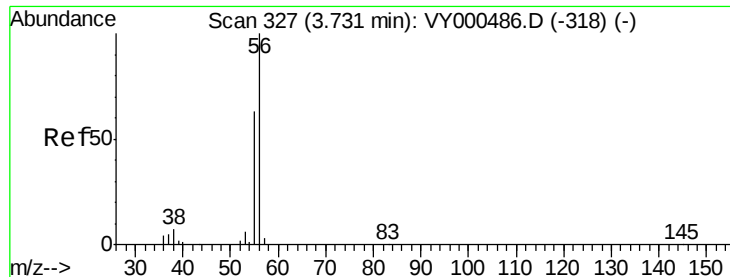


#12

1,1-Dichloroethene
Concen: 19.018 ug/l
RT: 3.88 min Scan# 351
Delta R.T. -0.00 min
Lab File: VY000520.D
Acq: 01 Nov 2019 12:27

Tgt Ion	Ratio	Lower	Upper
96	100		
61	150.8	119.2	178.8
98	65.8	48.6	73.0





#13

Acrolein

Concen: 88.479 ug/l

RT: 3.74 min Scan# 328

Delta R.T. 0.01 min

Lab File: VY000520.D

Acq: 01 Nov 2019 12:27

Instrument :

MSVOA_Y

ClientSampleId :

VY1101SBSD01

Tgt Ion: 56 Resp: 19538

Ion Ratio Lower Upper

56 100

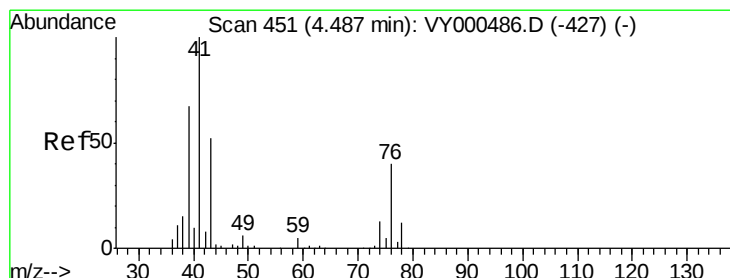
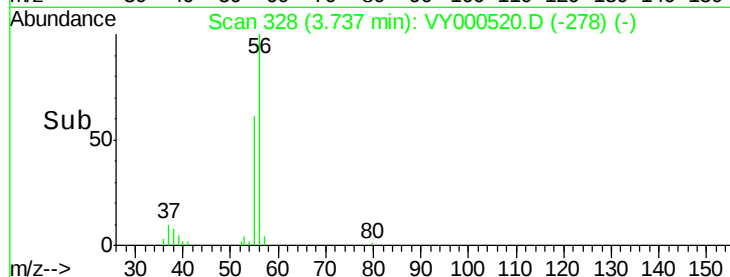
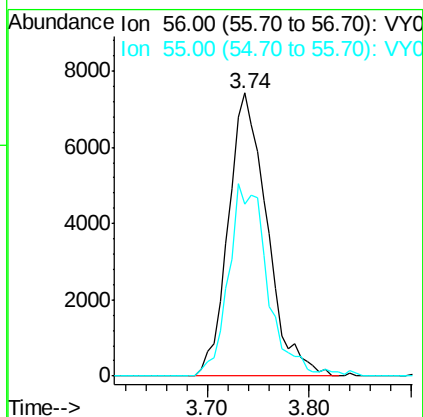
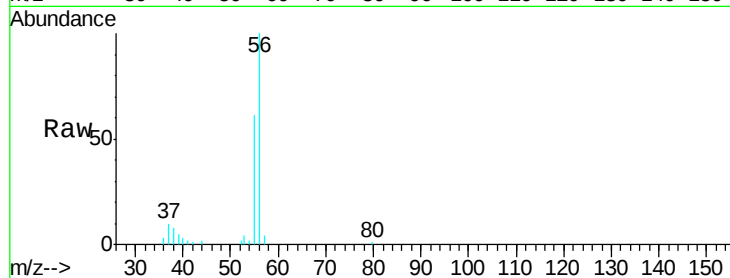
55 67.0 57.0 85.6

Manual Integrations

APPROVED

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11/4/2019 3:40:27 PM



#14

Allyl chloride

Concen: 19.606 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.00 min

Lab File: VY000520.D

Acq: 01 Nov 2019 12:27

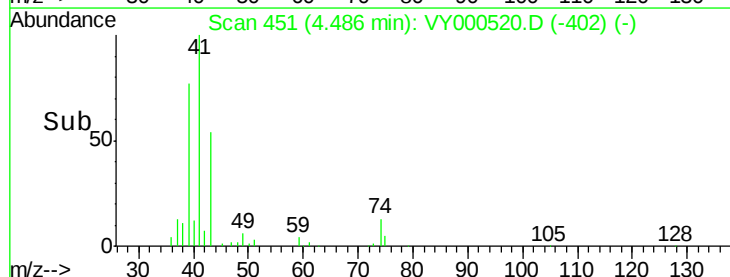
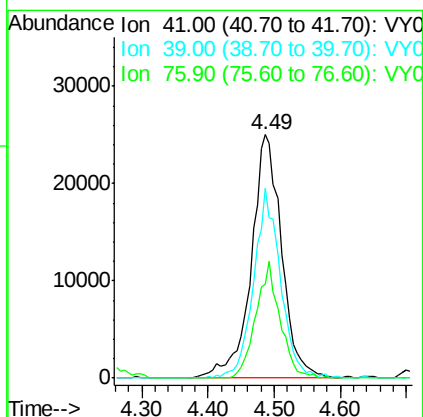
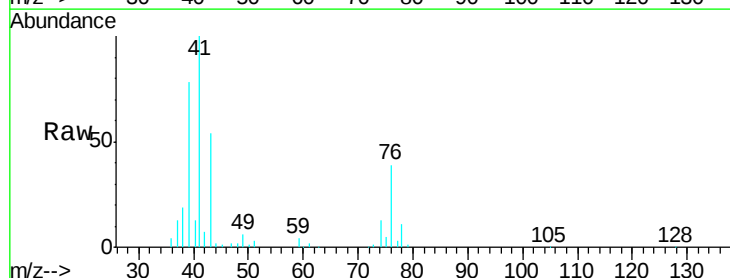
Tgt Ion: 41 Resp: 80140

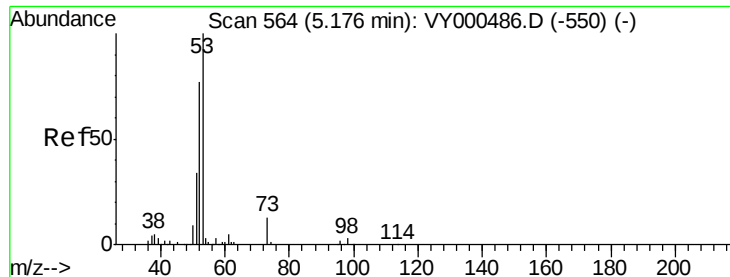
Ion Ratio Lower Upper

41 100

39 68.2 53.6 80.4

76 37.9 29.8 44.6





#15

Acrylonitrile

Concen: 95.517 ug/l

RT: 5.18 min Scan# 564

Delta R.T. -0.00 min

Lab File: VY000520.D

Acq: 01 Nov 2019 12:27

Instrument :

MSVOA_Y

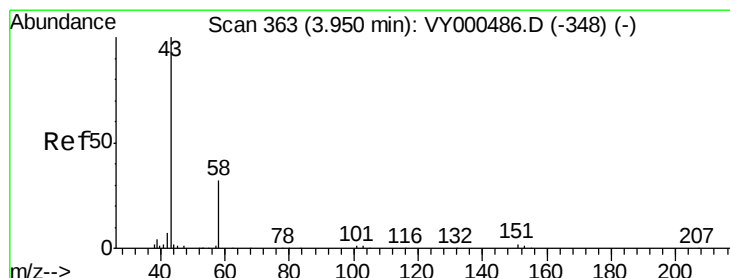
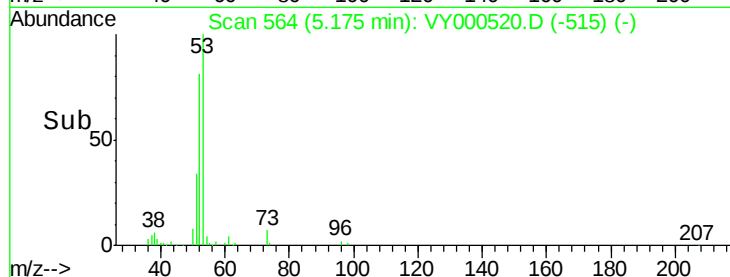
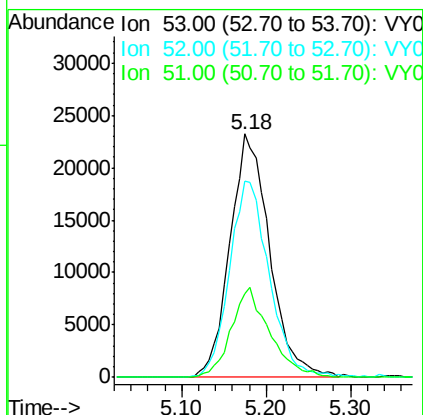
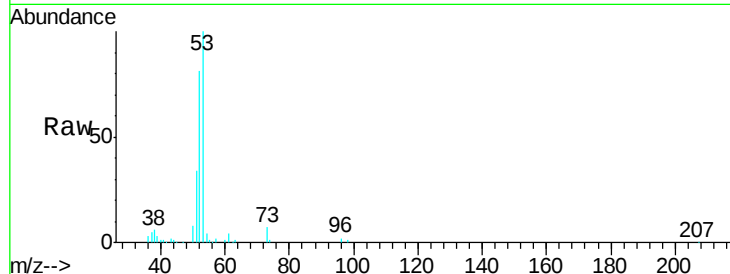
ClientSampleId :

VY1101SBSD01

Tgt Ion:	53	Resp:	74406
Ion	Ratio	Lower	Upper
53	100		
52	80.9	64.9	97.3
51	35.6	27.6	41.4

Manual Integrations
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MMDadoda
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#16

Acetone

Concen: 83.309 ug/l

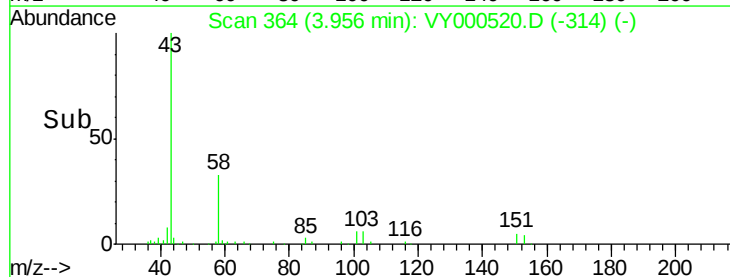
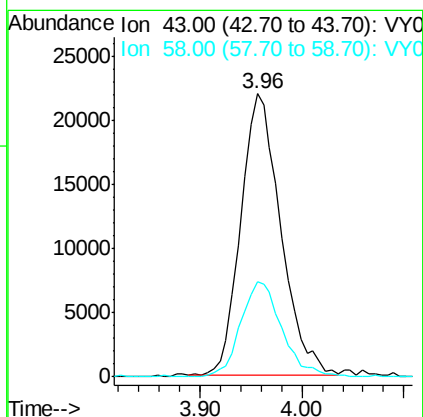
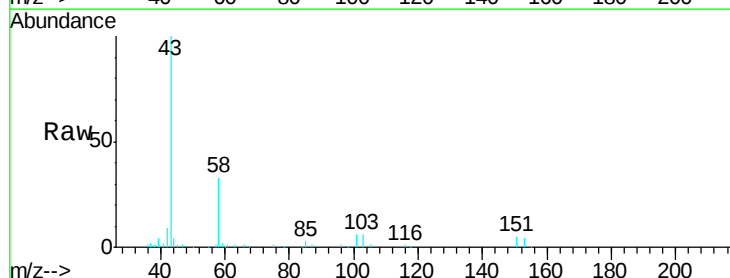
RT: 3.96 min Scan# 364

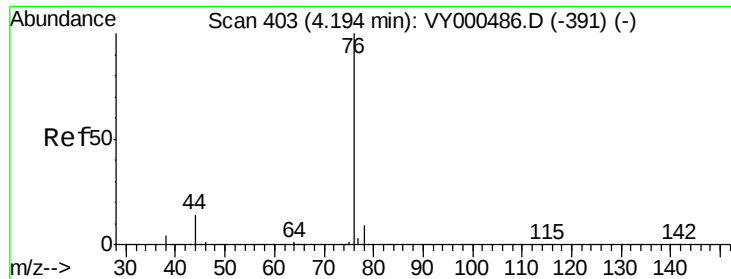
Delta R.T. 0.01 min

Lab File: VY000520.D

Acq: 01 Nov 2019 12:27

Tgt Ion:	43	Resp:	59796
Ion	Ratio	Lower	Upper
43	100		
58	33.6	25.8	38.6





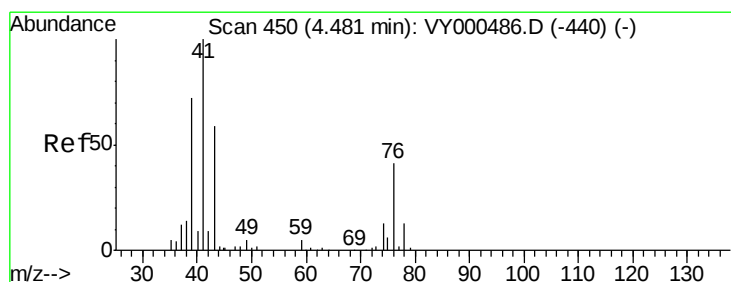
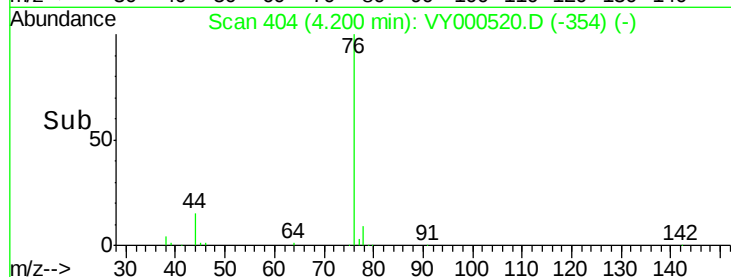
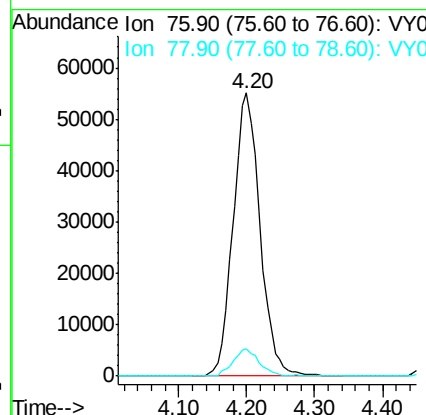
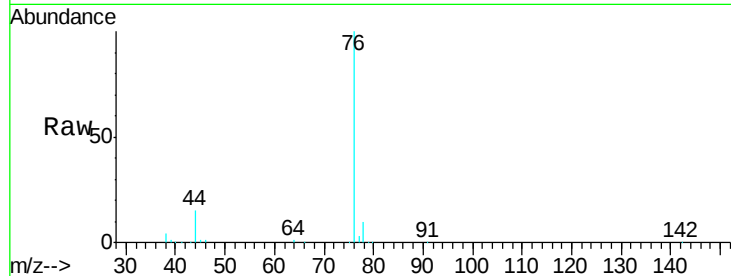
#17
Carbon Disulfide
Concen: 18.995 ug/l
RT: 4.20 min Scan# 404
Delta R.T. 0.01 min
Lab File: VY000520.D
Acq: 01 Nov 2019 12:27

Instrument :
MSVOA_Y
ClientSampleId :
VY1101SBSD01

Tgt Ion	Ratio	Lower	Upper
76	100		
78	9.8	7.5	11.3

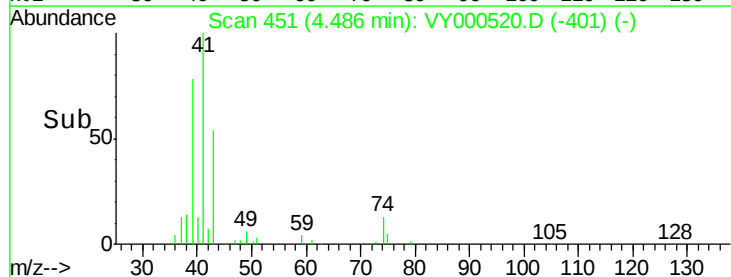
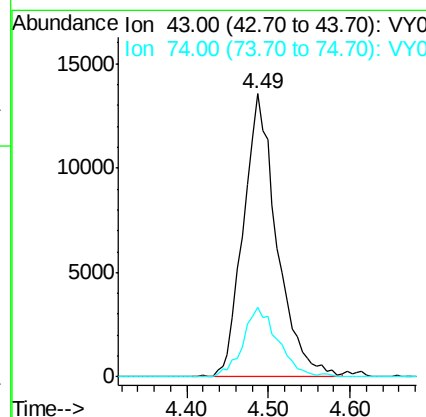
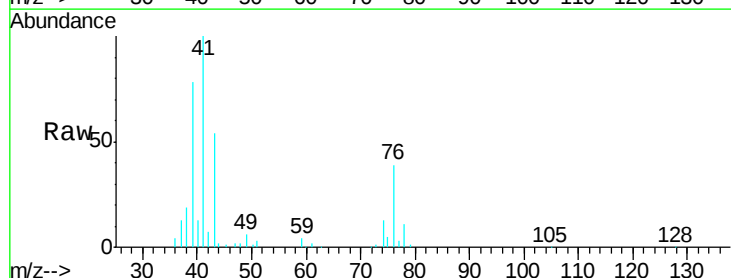
Manual Integrations
APPROVED

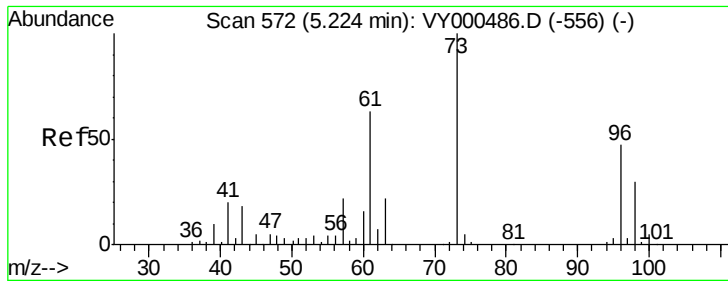
MMDadoda
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#18
Methyl Acetate
Concen: 17.404 ug/l
RT: 4.49 min Scan# 451
Delta R.T. 0.01 min
Lab File: VY000520.D
Acq: 01 Nov 2019 12:27

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.3	19.2	28.8





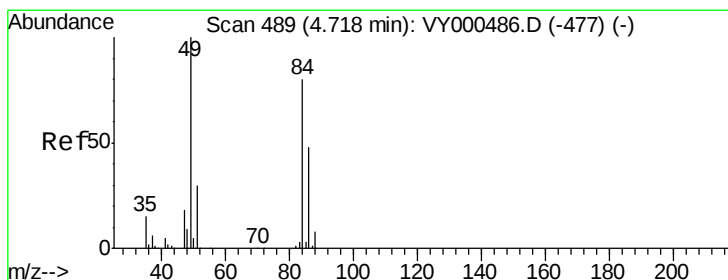
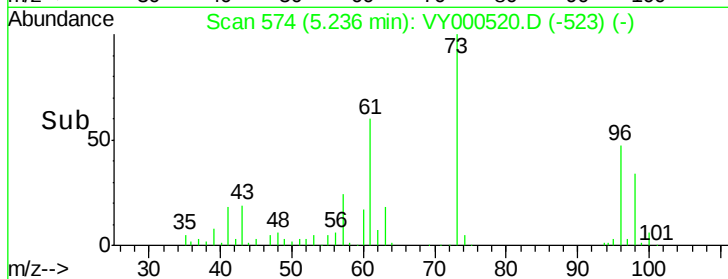
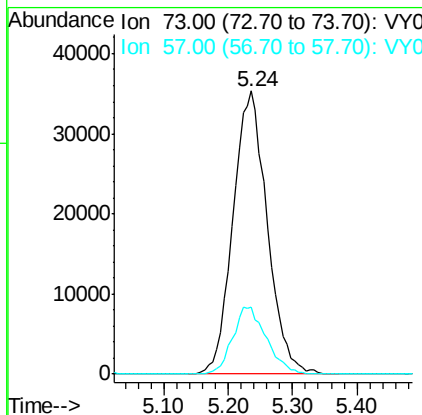
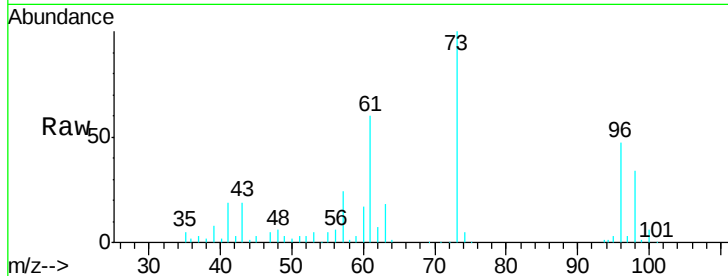
#19
Methyl tert-butyl Ether
Concen: 18.607 ug/l
RT: 5.24 min Scan# 574
Delta R.T. 0.01 min
Lab File: VY000520.D
Acq: 01 Nov 2019 12:27

Instrument :
MSVOA_Y
ClientSampleId :
VY1101SBSD01

Tgt Ion: 73 Resp: 130043
Ion Ratio Lower Upper
73 100
57 23.6 17.4 26.0

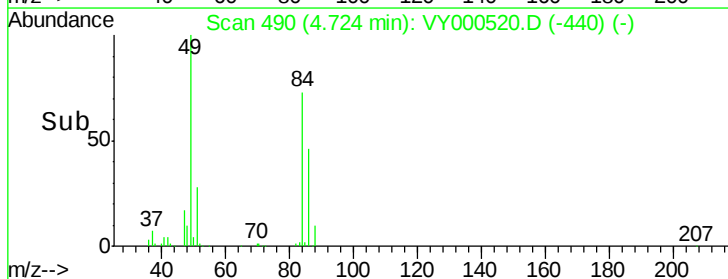
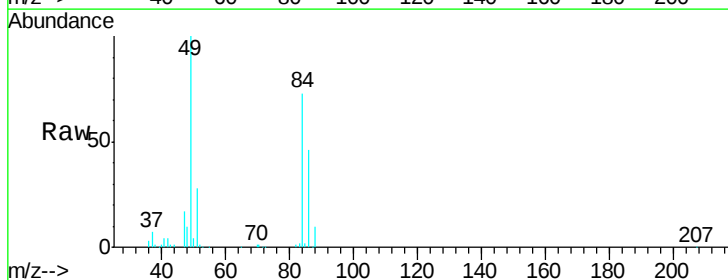
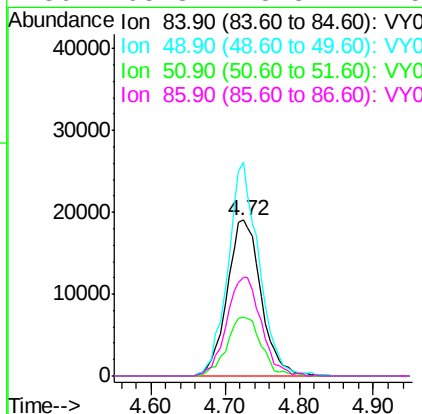
Manual Integrations
APPROVED

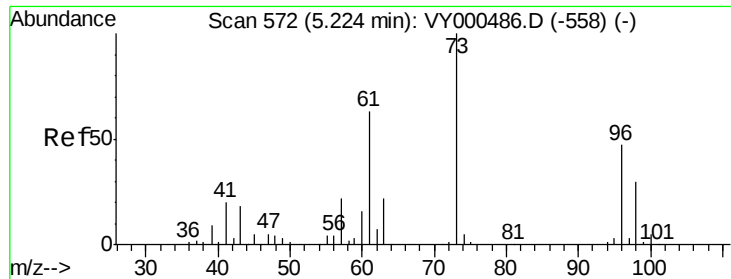
MMDadoda
11/4/2019 3:40:27 PM



#20
Methylene Chloride
Concen: 19.718 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.01 min
Lab File: VY000520.D
Acq: 01 Nov 2019 12:27

Tgt Ion: 84 Resp: 60645
Ion Ratio Lower Upper
84 100
49 137.0 100.2 150.4
51 38.0 29.6 44.4
86 63.3 48.3 72.5





#21

trans-1,2-Dichloroethene

Concen: 19.717 ug/l

RT: 5.23 min Scan# 573

Delta R.T. 0.01 min

Lab File: VY000520.D

Acq: 01 Nov 2019 12:27

Instrument :

MSVOA_Y

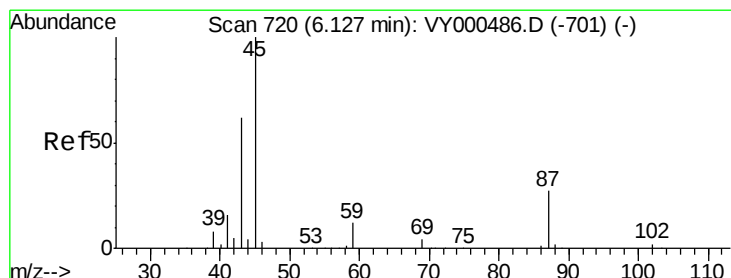
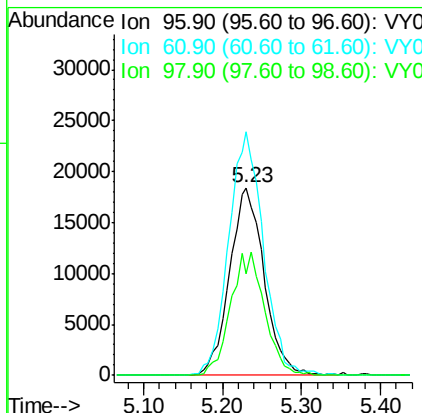
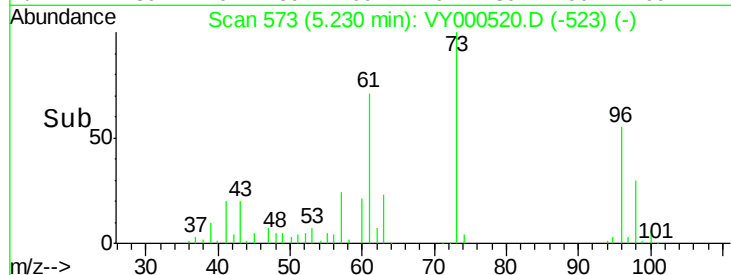
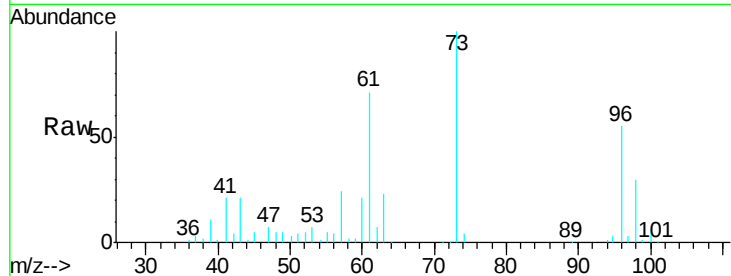
ClientSampleId :

VY1101SBSD01

Tgt Ion:	96	Resp:	56033
Ion	Ratio	Lower	Upper
96	100		
61	129.3	106.6	160.0
98	54.4	50.6	76.0

Manual Integrations
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11/4/2019 3:40:27 PM



#22

Diisopropyl ether

Concen: 18.774 ug/l

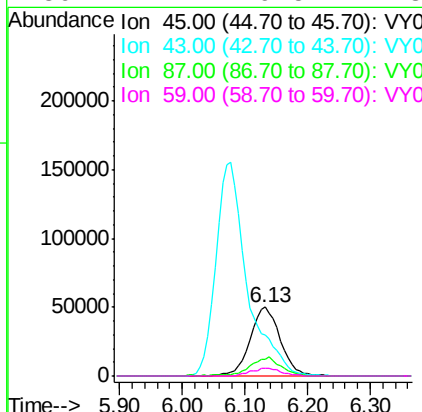
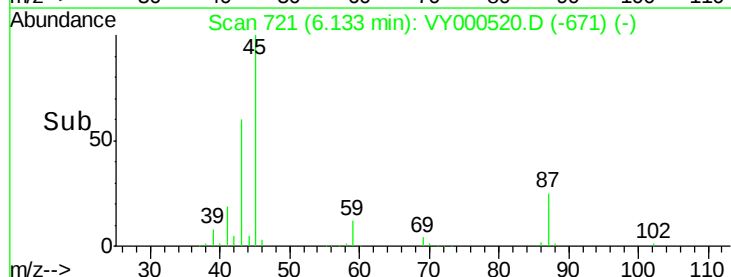
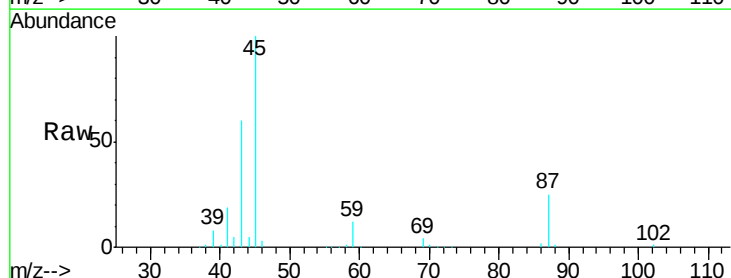
RT: 6.13 min Scan# 721

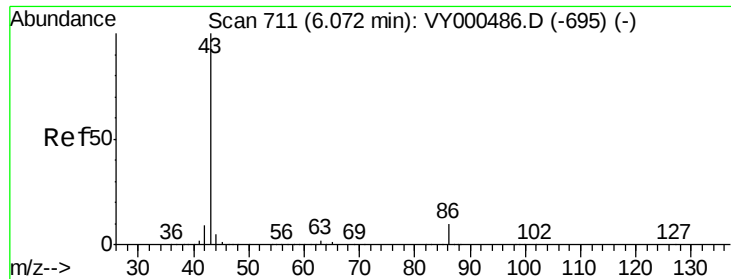
Delta R.T. 0.01 min

Lab File: VY000520.D

Acq: 01 Nov 2019 12:27

Tgt Ion:	45	Resp:	166794
Ion	Ratio	Lower	Upper
45	100		
43	59.9	50.0	75.0
87	24.6	21.6	32.4
59	12.1	9.5	14.3





#23

Vinyl Acetate

Concen: 95.663 ug/l

RT: 6.08 min Scan# 712

Delta R.T. 0.01 min

Lab File: VY000520.D

Acq: 01 Nov 2019 12:27

Instrument :

MSVOA_Y

ClientSampleId :

VY1101SBSD01

Tgt Ion: 43 Resp: 536498

Ion Ratio Lower Upper

43 100

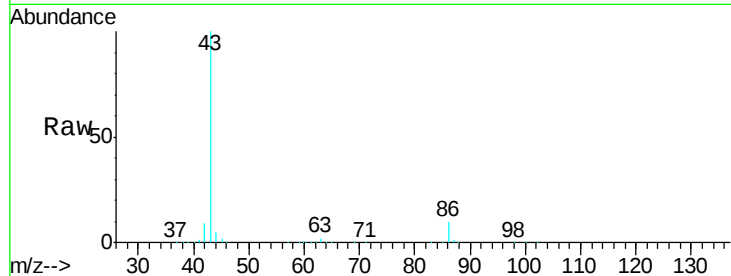
86 10.4 7.8 11.6

Manual Integrations

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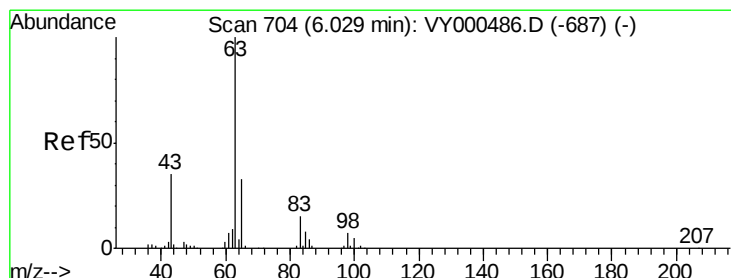
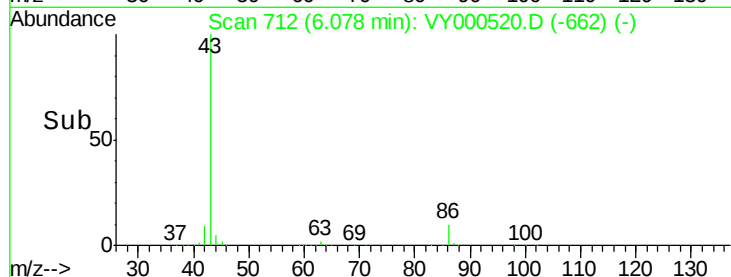
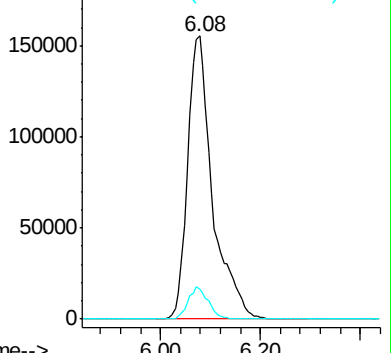
MMDadoda

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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: 18.550 ug/l

RT: 6.03 min Scan# 705

Delta R.T. 0.01 min

Lab File: VY000520.D

Acq: 01 Nov 2019 12:27

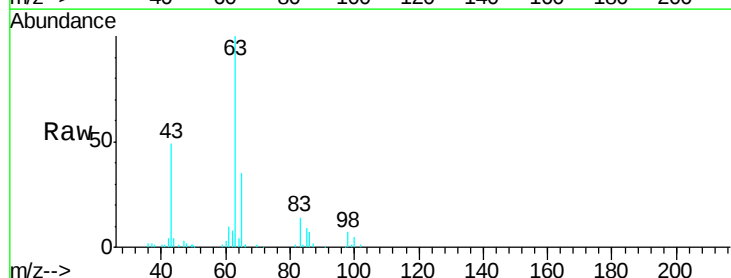
Tgt Ion: 63 Resp: 89282

Ion Ratio Lower Upper

63 100

98 7.3 3.5 10.6

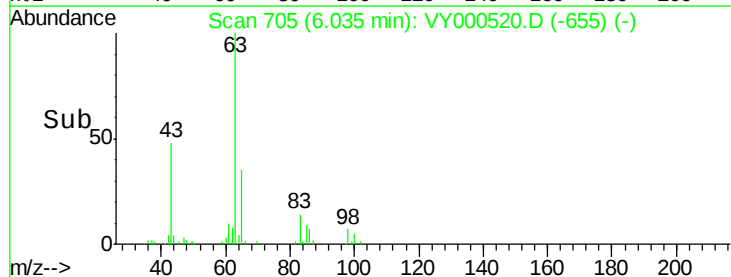
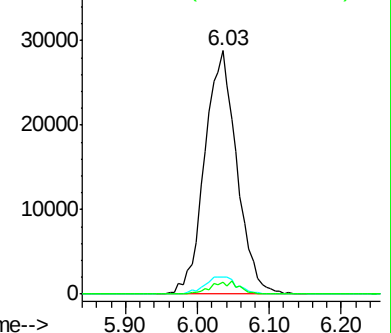
100 4.7 2.4 7.1

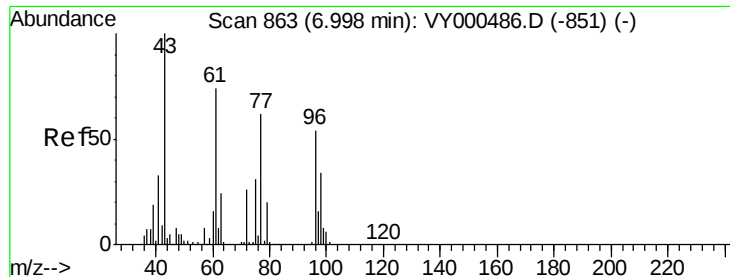


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 89.725 ug/l

RT: 7.00 min Scan# 864

Delta R.T. 0.01 min

Lab File: VY000520.D

Acq: 01 Nov 2019 12:27

Instrument :

MSVOA_Y

ClientSampleId :

VY1101SBSD01

Tgt Ion: 43 Resp: 102780

Ion Ratio Lower Upper

43 100

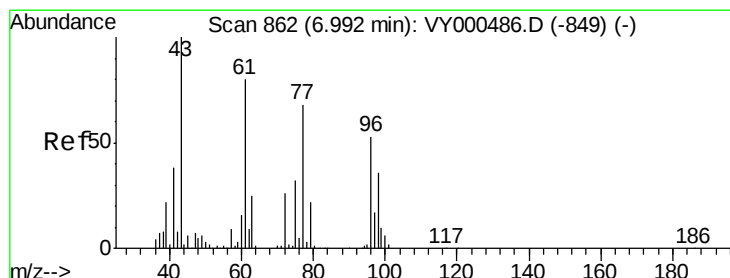
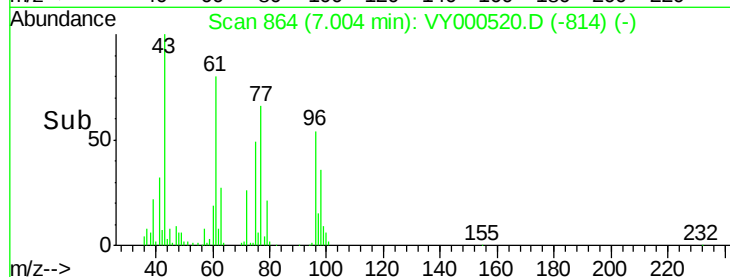
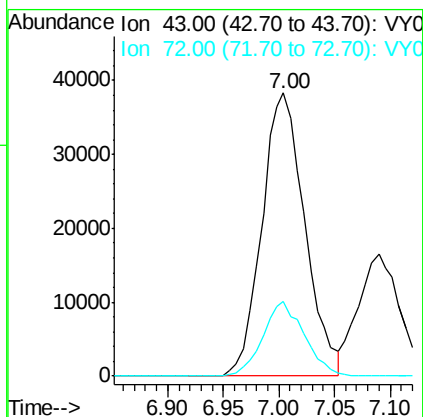
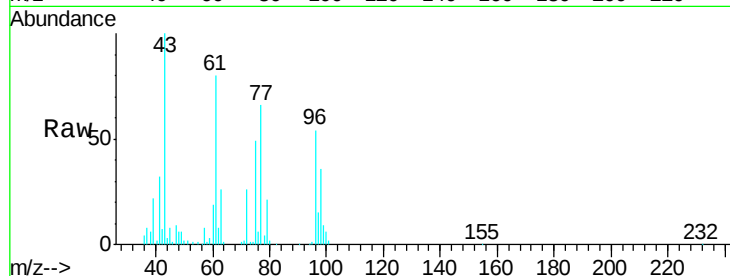
72 26.3 20.9 31.3

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 19.392 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.00 min

Lab File: VY000520.D

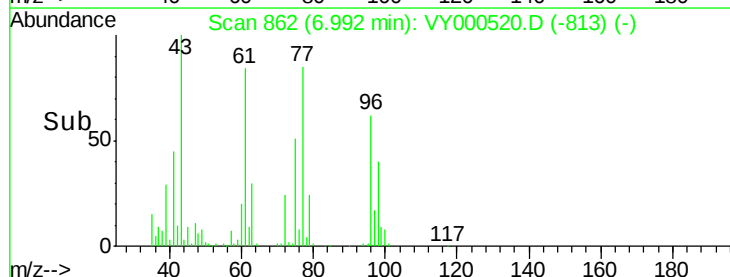
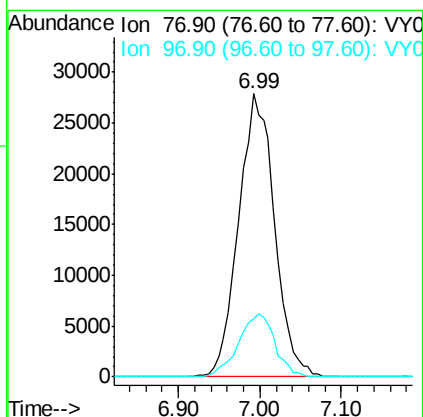
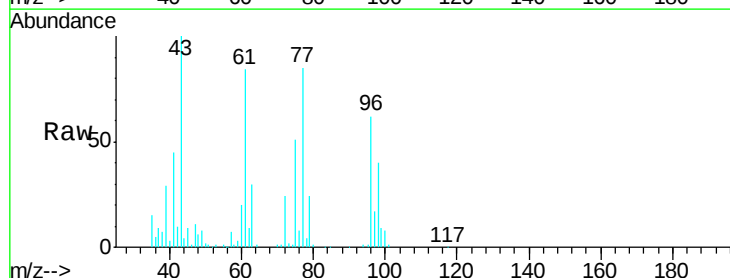
Acq: 01 Nov 2019 12:27

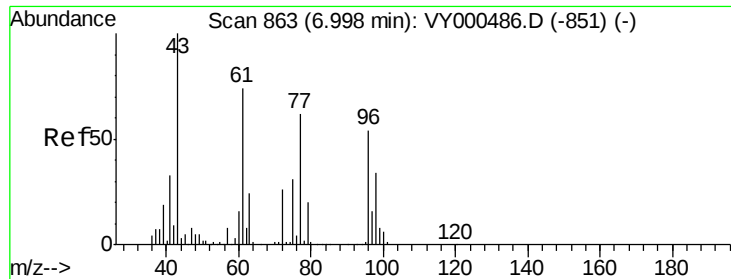
Tgt Ion: 77 Resp: 85294

Ion Ratio Lower Upper

77 100

97 22.6 11.8 35.4





#27

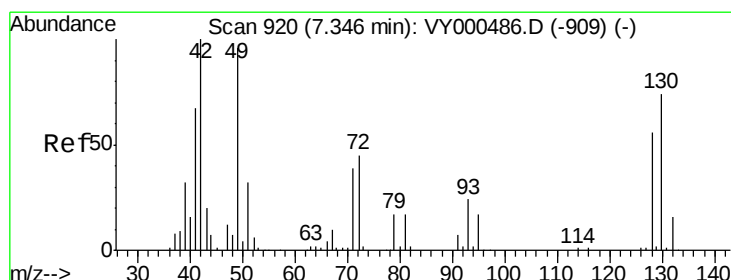
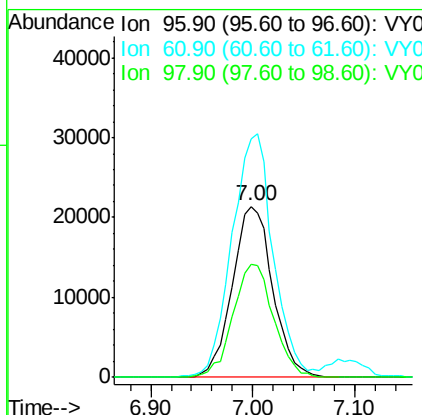
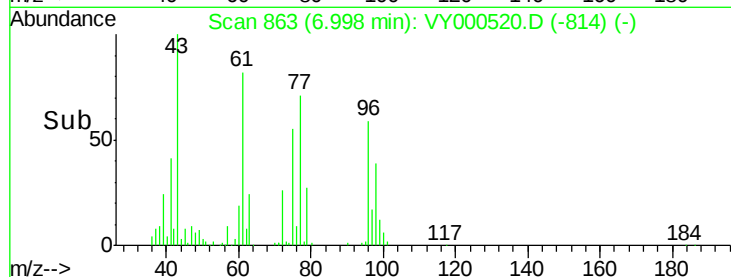
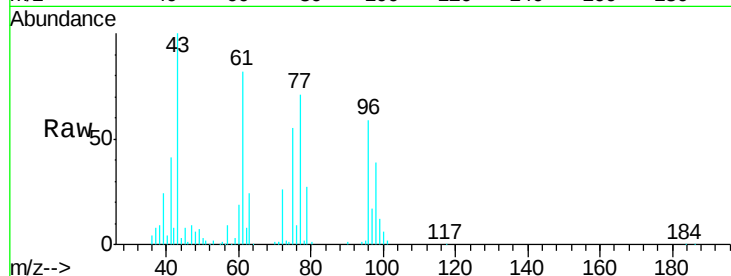
cis-1,2-Dichloroethene
Concen: 18.852 ug/l
RT: 7.00 min Scan# 863
Delta R.T. -0.00 min
Lab File: VY000520.D
Acq: 01 Nov 2019 12:27

Instrument :
MSVOA_Y
ClientSampleId :
VY1101SBSD01

Tgt Ion	Ratio	Lower	Upper
96	100		
61	146.3	0.0	287.0
98	66.2	0.0	129.4

Manual Integrations
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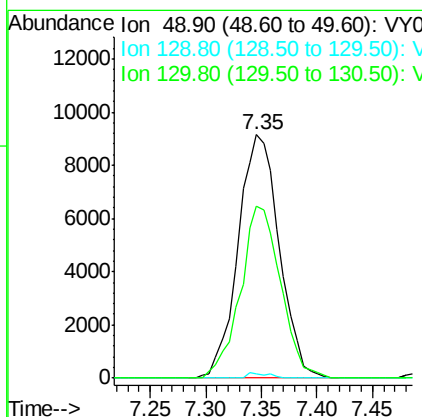
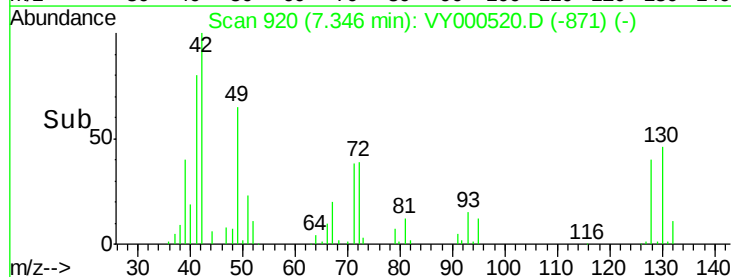
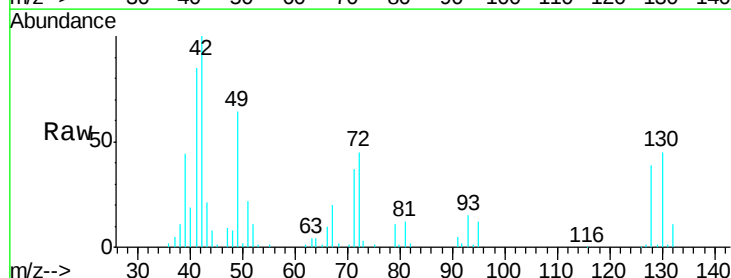
MMDadoda
11/4/2019 3:40:27 PM

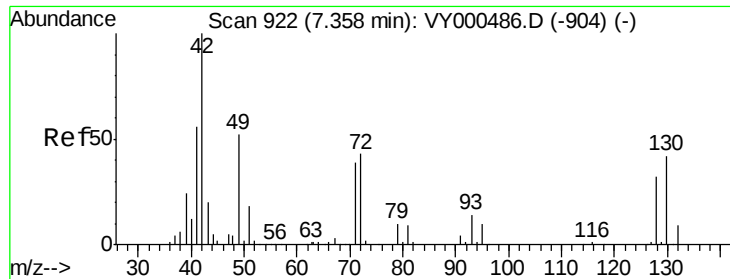


#28

Bromochloromethane
Concen: 13.896 ug/l
RT: 7.35 min Scan# 920
Delta R.T. 0.00 min
Lab File: VY000520.D
Acq: 01 Nov 2019 12:27

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.1	0.0	3.6
130	69.4	59.4	89.0





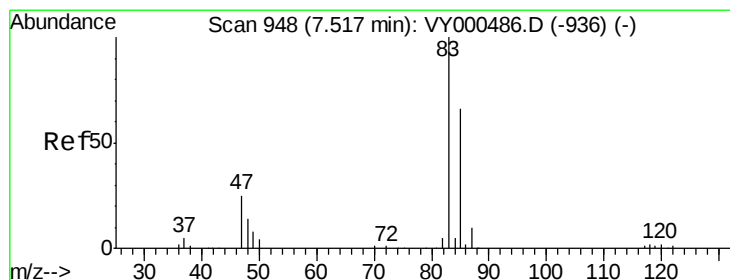
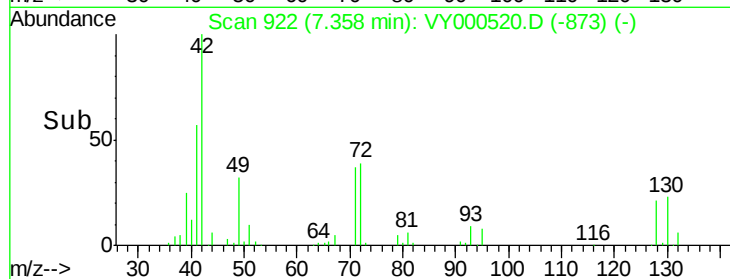
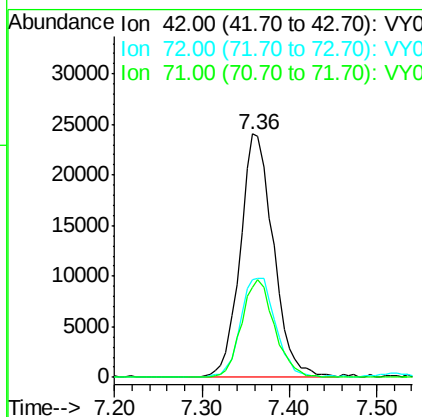
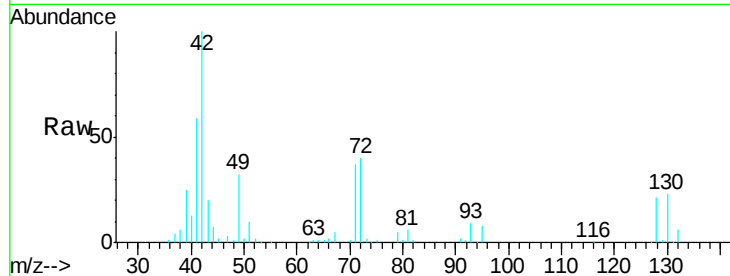
#29
Tetrahydrofuran
Concen: 90.942 ug/l
RT: 7.36 min Scan# 922
Delta R.T. -0.00 min
Lab File: VY000520.D
Acq: 01 Nov 2019 12:27

Instrument :
MSVOA_Y
ClientSampleId :
VY1101SBSD01

Tgt Ion: 42 Resp: 63730
Ion Ratio Lower Upper
42 100
72 43.1 34.0 51.0
71 39.6 30.8 46.2

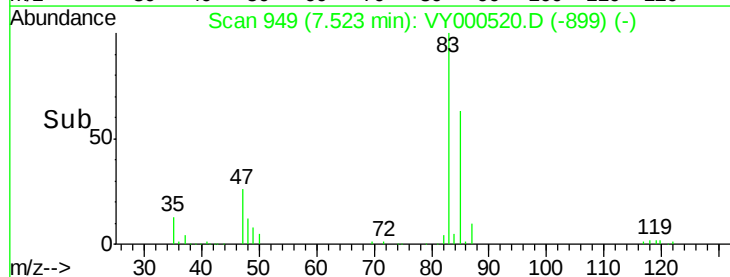
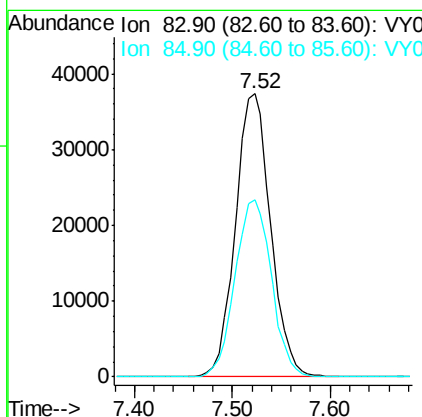
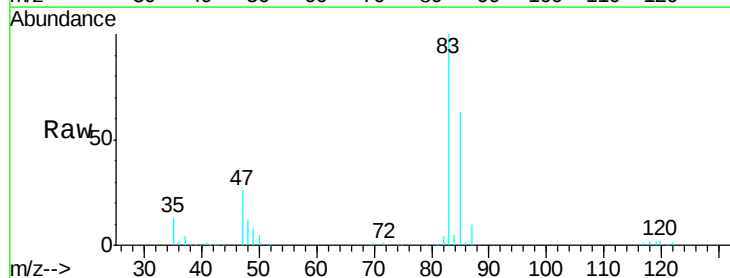
Manual Integrations
APPROVED

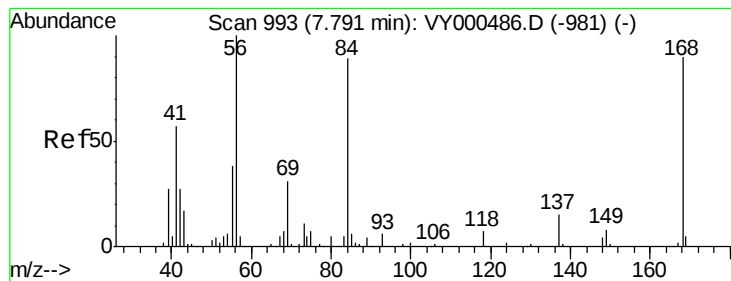
MMDadoda
11/4/2019 3:40:27 PM



#30
Chloroform
Concen: 19.108 ug/l
RT: 7.52 min Scan# 949
Delta R.T. 0.01 min
Lab File: VY000520.D
Acq: 01 Nov 2019 12:27

Tgt Ion: 83 Resp: 93035
Ion Ratio Lower Upper
83 100
85 62.8 53.0 79.4





#31

Cyclohexane

Concen: 18.708 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.01 min

Lab File: VY000520.D

Acq: 01 Nov 2019 12:27

Instrument :

MSVOA_Y

ClientSampleId :

VY1101SBSD01

Tgt Ion: 56 Resp: 94306

Ion Ratio Lower Upper

56 100

69 39.1 25.0 37.6#

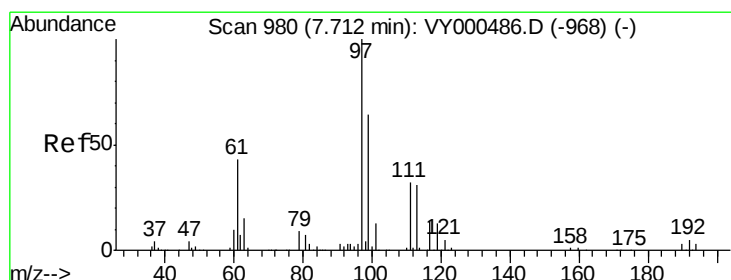
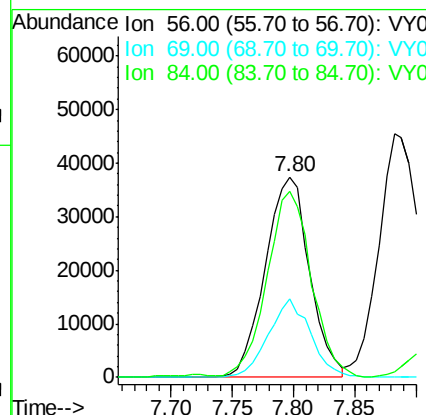
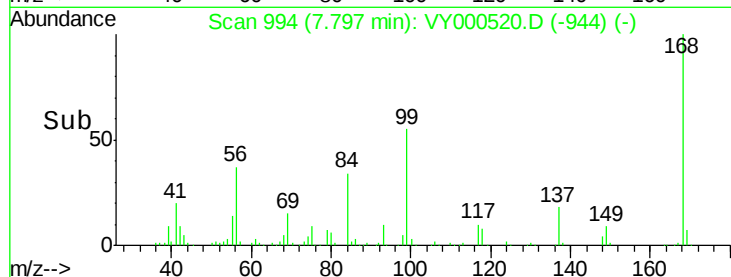
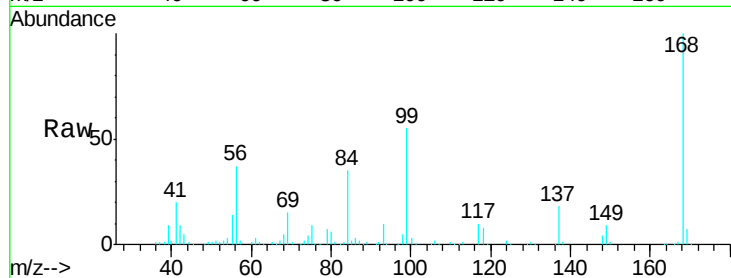
84 91.2 71.4 107.2

Manual Integrations

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#32

1,1,1-Trichloroethane

Concen: 19.278 ug/l

RT: 7.72 min Scan# 981

Delta R.T. 0.01 min

Lab File: VY000520.D

Acq: 01 Nov 2019 12:27

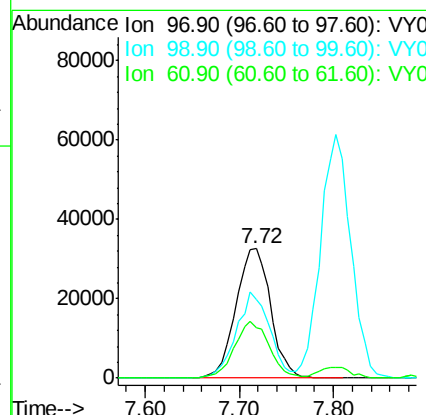
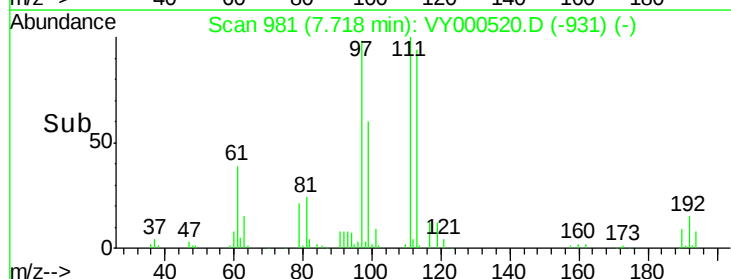
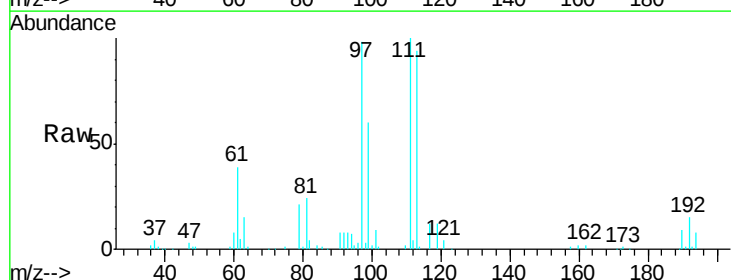
Tgt Ion: 97 Resp: 83653

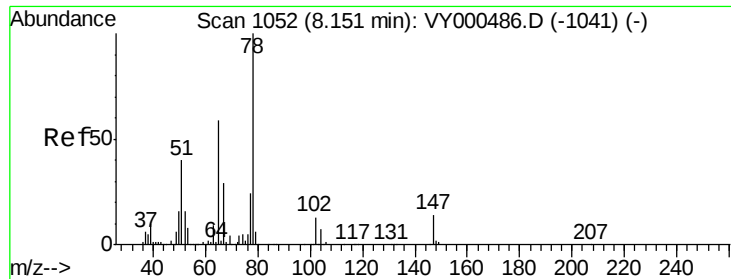
Ion Ratio Lower Upper

97 100

99 64.8 50.9 76.3

61 44.0 34.9 52.3





#33

1,2-Dichloroethane-d4

Concen: 50.816 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. 0.01 min

Lab File: VY000520.D

Acq: 01 Nov 2019 12:27

Instrument :

MSVOA_Y

ClientSampleId :

VY1101SBSD01

Tgt Ion: 65 Resp: 132339

Ion Ratio Lower Upper

65 100

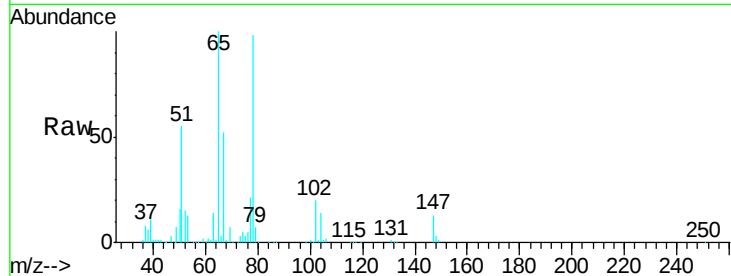
67 52.0 0.0 107.2

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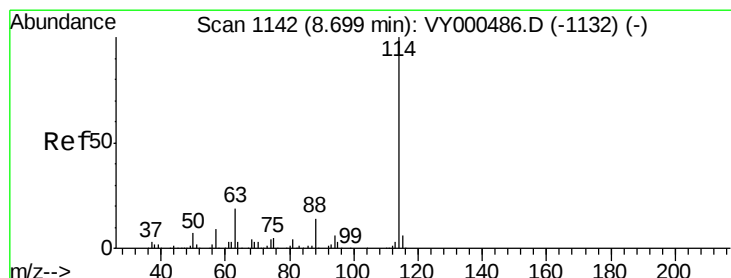
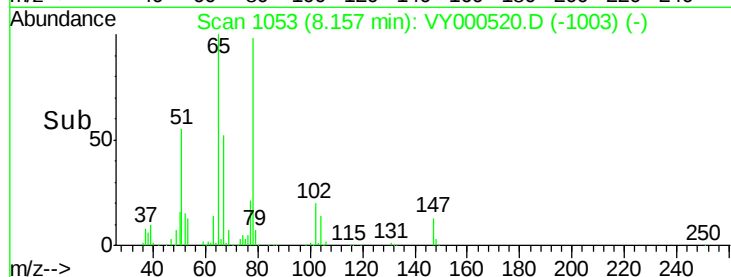
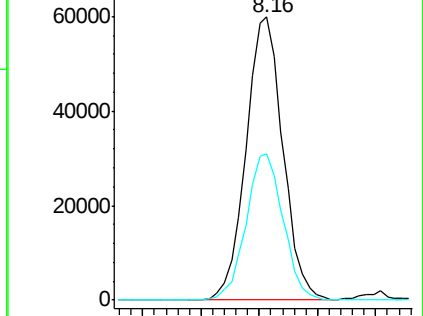
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Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. -0.00 min

Lab File: VY000520.D

Acq: 01 Nov 2019 12:27

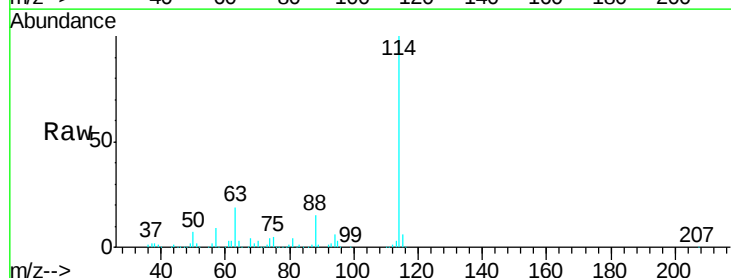
Tgt Ion: 114 Resp: 401816

Ion Ratio Lower Upper

114 100

63 19.0 0.0 38.0

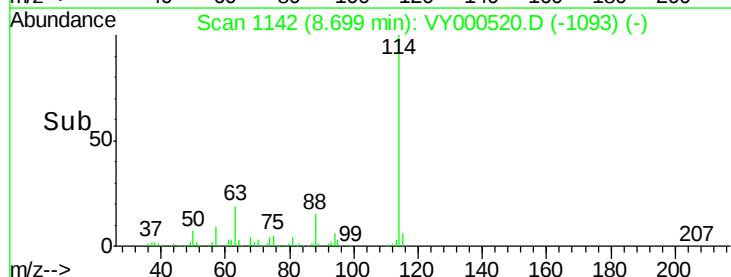
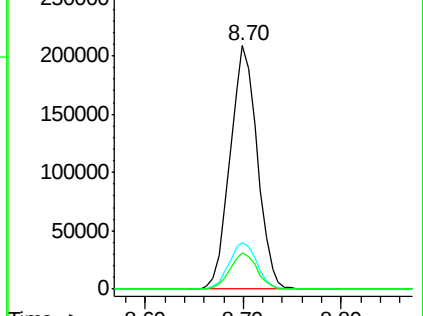
88 14.9 0.0 28.6

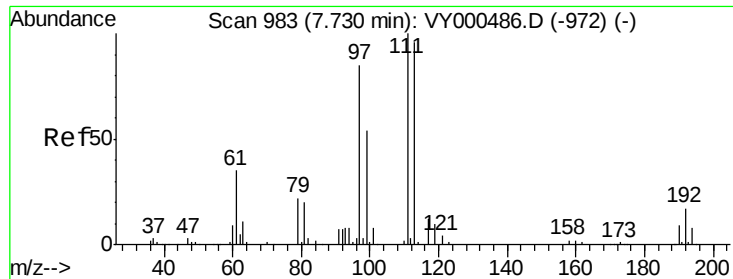


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0





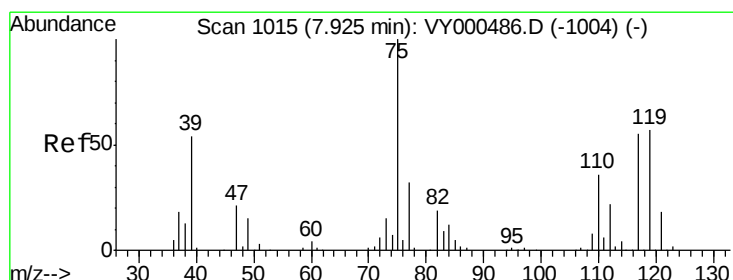
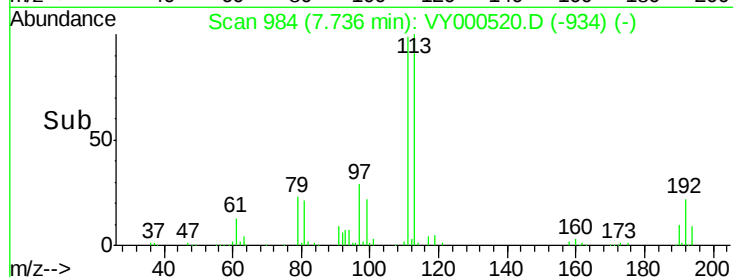
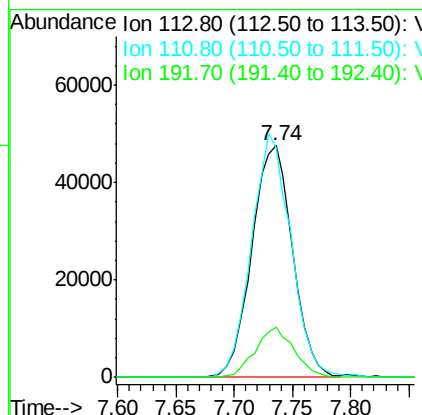
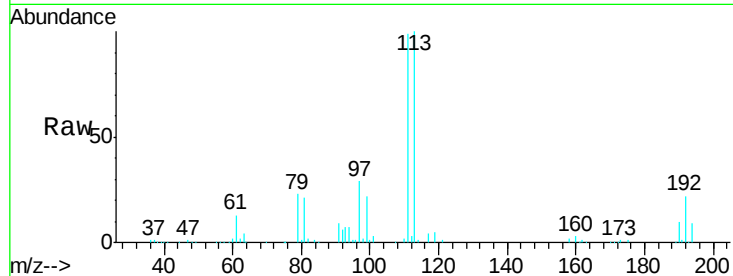
#35
Dibromofluoromethane
Concen: 48.983 ug/l
RT: 7.74 min Scan# 984
Delta R.T. 0.01 min
Lab File: VY000520.D
Acq: 01 Nov 2019 12:27

Instrument :
MSVOA_Y
ClientSampleId :
VY1101SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	115546		
111	101.7	81.7	122.5	
192	20.5	15.0	22.4	

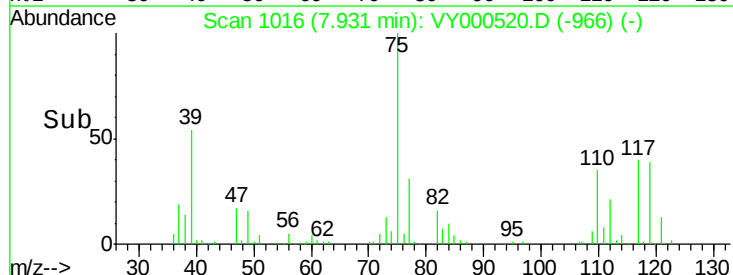
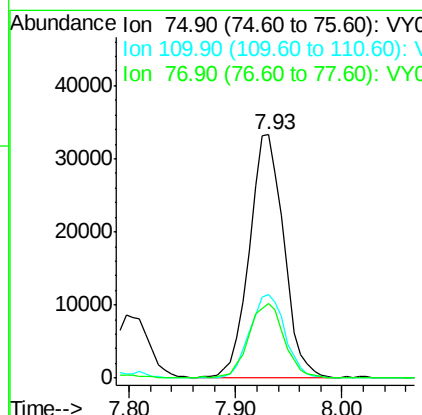
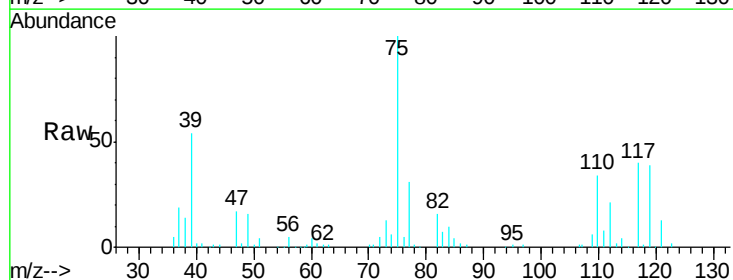
Manual Integrations
APPROVED

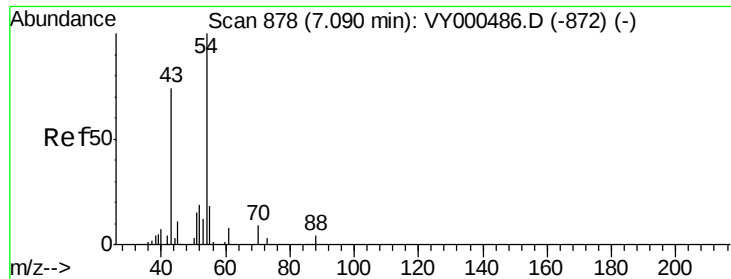
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11/4/2019 3:40:27 PM



#36
1,1-Dichloropropene
Concen: 19.883 ug/l
RT: 7.93 min Scan# 1016
Delta R.T. 0.01 min
Lab File: VY000520.D
Acq: 01 Nov 2019 12:27

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	75526		
110	35.3	18.1	54.1	
77	31.8	25.0	37.6	





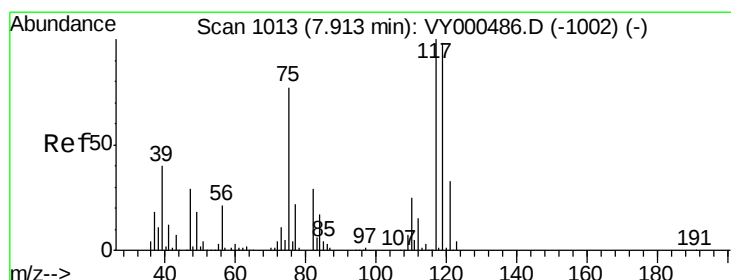
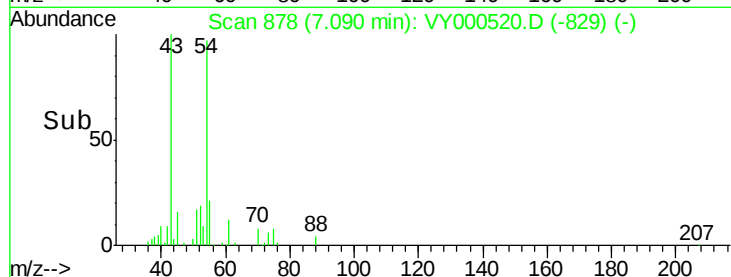
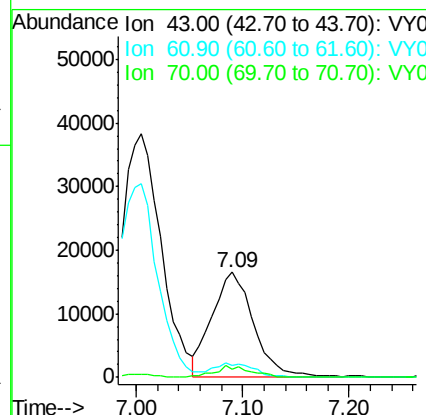
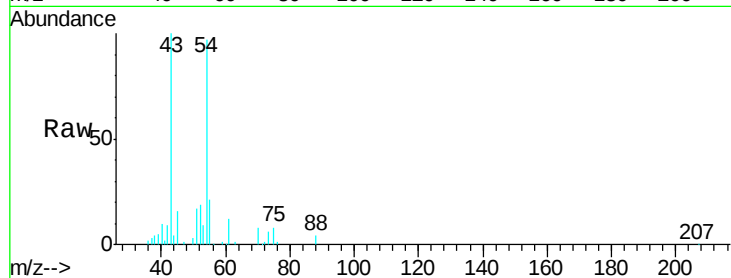
#37
Ethyl Acetate
Concen: 19.638 ug/l
RT: 7.09 min Scan# 878
Delta R.T. -0.00 min
Lab File: VY000520.D
Acq: 01 Nov 2019 12:27

Instrument :
MSVOA_Y
ClientSampleId :
VY1101SBSD01

Tgt Ion	Ratio	Lower	Upper
43	100		
61	12.8	10.2	15.2
70	9.7	7.8	11.8

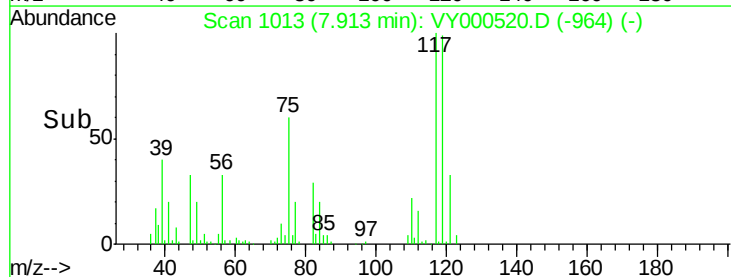
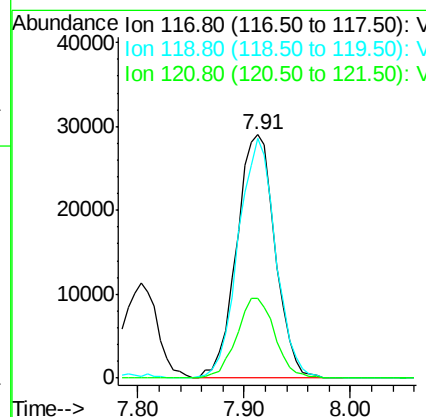
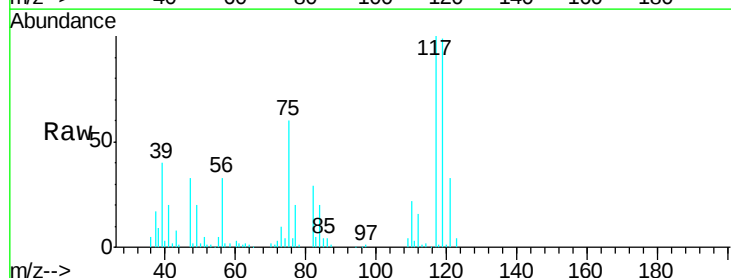
Manual Integrations
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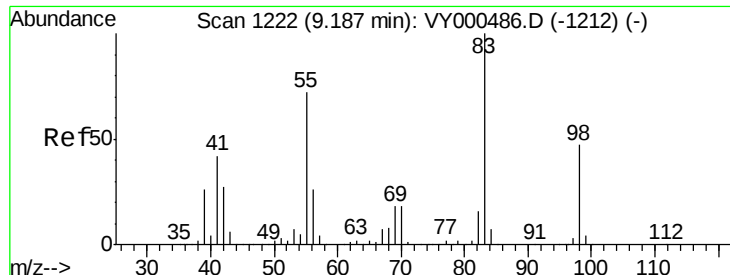
MMDadoda
11/4/2019 3:40:27 PM



#38
Carbon Tetrachloride
Concen: 20.112 ug/l
RT: 7.91 min Scan# 1013
Delta R.T. -0.00 min
Lab File: VY000520.D
Acq: 01 Nov 2019 12:27

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.7	78.0	117.0
121	32.5	26.6	40.0





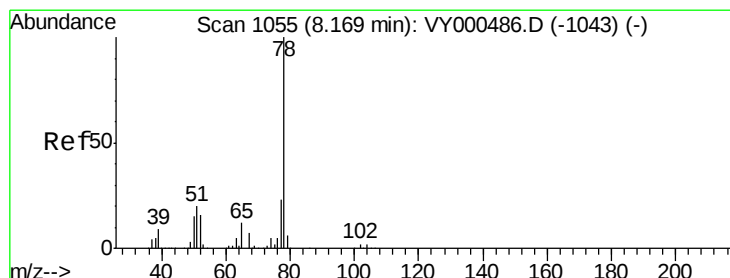
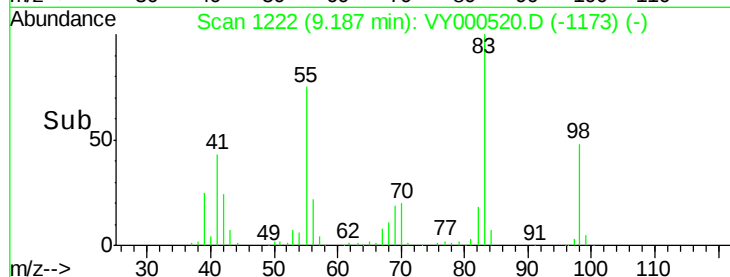
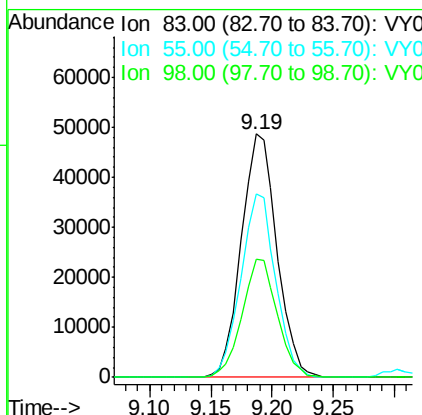
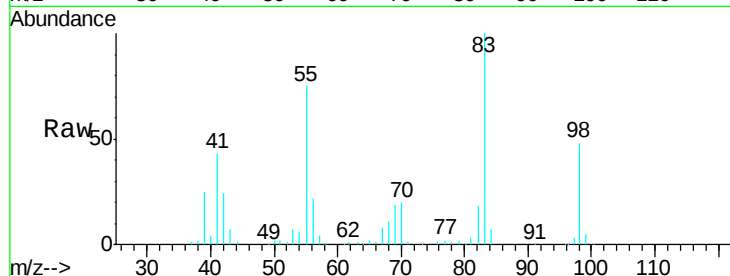
#39
Methylcyclohexane
Concen: 20.027 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY000520.D
Acq: 01 Nov 2019 12:27

Instrument :
MSVOA_Y
ClientSampleId :
VY1101SBS01

Tgt Ion	Ratio	Lower	Upper
83	100		
55	75.4	57.5	86.3
98	48.4	38.0	57.0

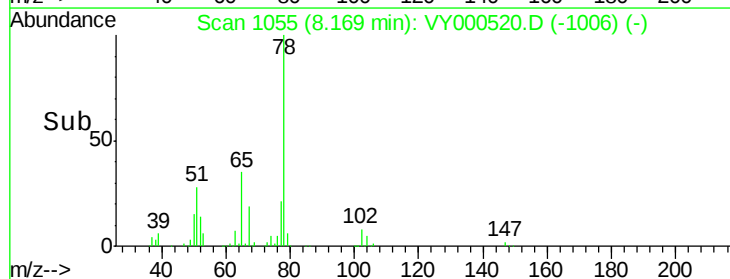
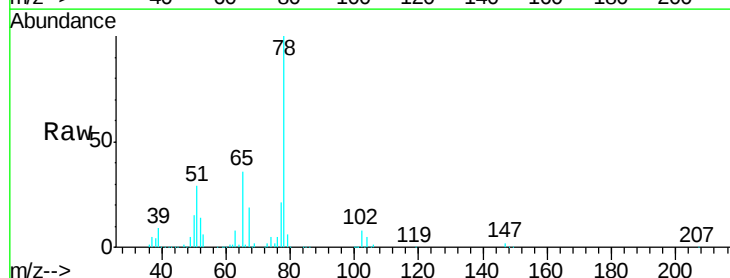
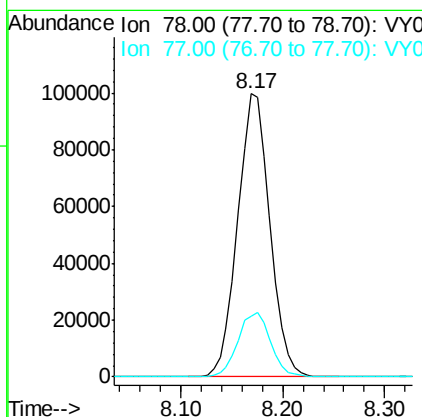
Manual Integrations
APPROVED

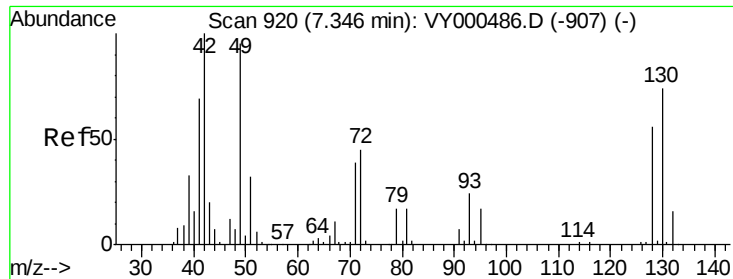
MMDadoda
11/4/2019 3:40:27 PM



#40
Benzene
Concen: 19.626 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.00 min
Lab File: VY000520.D
Acq: 01 Nov 2019 12:27

Tgt Ion	Ratio	Lower	Upper
78	100		
77	21.2	18.6	28.0





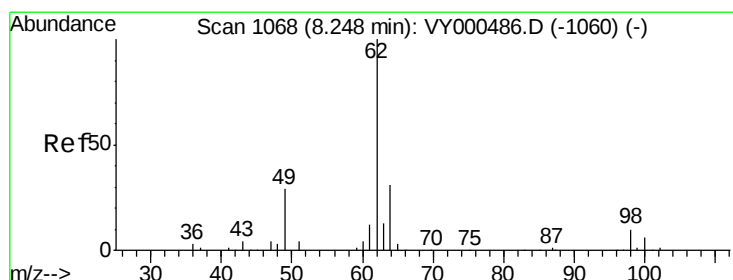
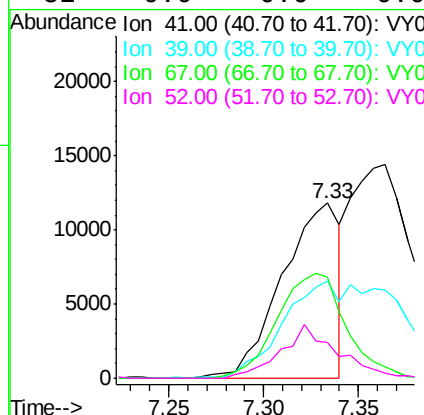
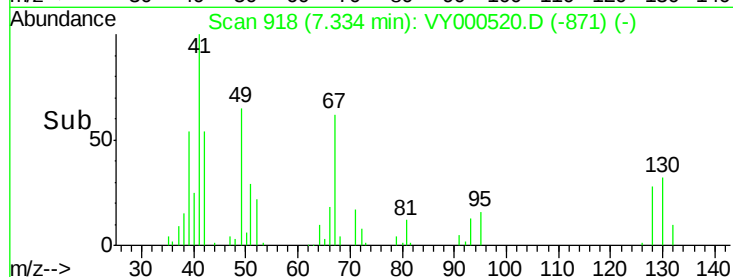
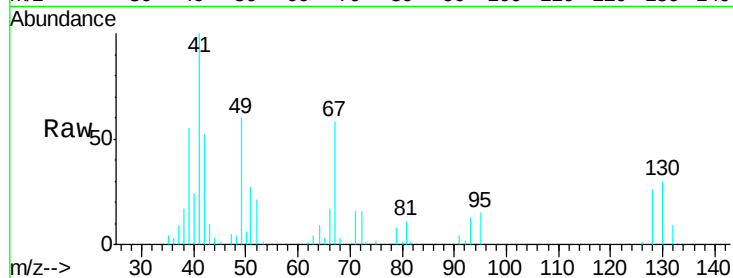
#41
Methacrylonitrile
Concen: 19.984 ug/l m
RT: 7.33 min Scan# 918
Delta R.T. -0.01 min
Lab File: VY000520.D
Acq: 01 Nov 2019 12:27

Instrument :
MSVOA_Y
ClientSampleId :
VY1101SBSD01

Tgt Ion:	41	Resp:	25142
Ion Ratio	Lower	Upper	
41	100		
39	0.0	68.2	102.4#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

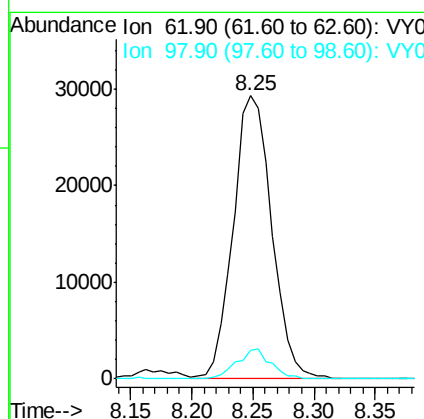
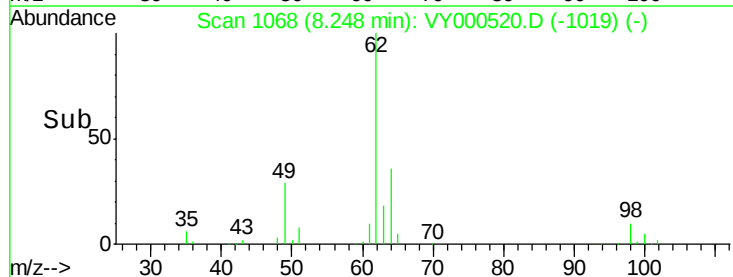
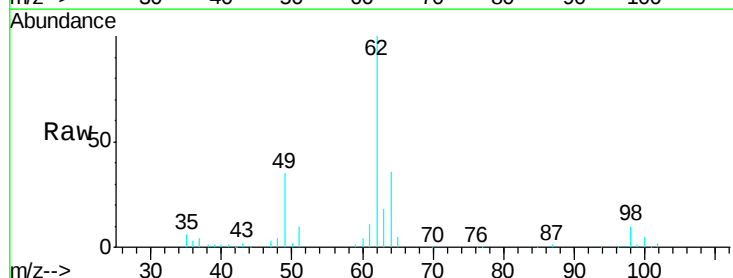
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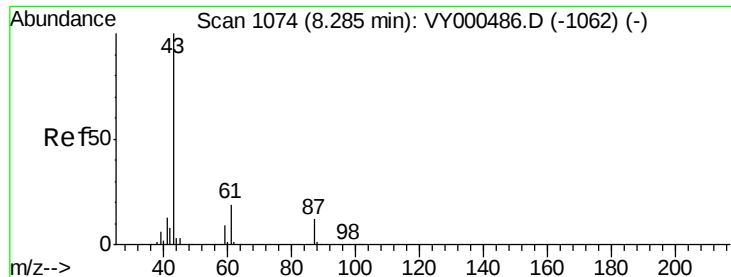
MMDadoda
11/4/2019 3:40:27 PM



#42
1,2-Dichloroethane
Concen: 20.254 ug/l
RT: 8.25 min Scan# 1068
Delta R.T. -0.00 min
Lab File: VY000520.D
Acq: 01 Nov 2019 12:27

Tgt Ion:	62	Resp:	63974
Ion Ratio	Lower	Upper	
62	100		
98	9.4	0.0	19.2





#43

Isopropyl Acetate

Concen: 19.675 ug/l

RT: 8.28 min Scan# 1074

Delta R.T. -0.00 min

Lab File: VY000520.D

Acq: 01 Nov 2019 12:27

Instrument :

MSVOA_Y

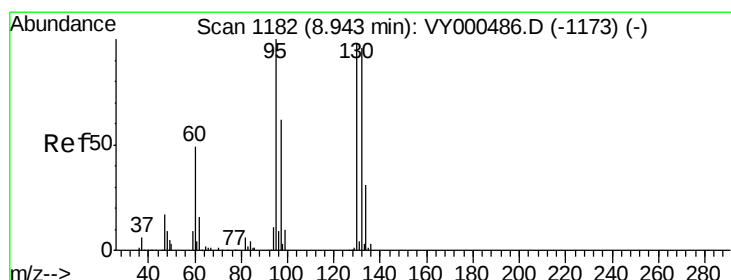
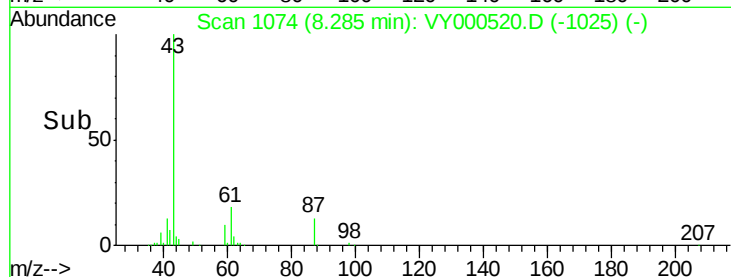
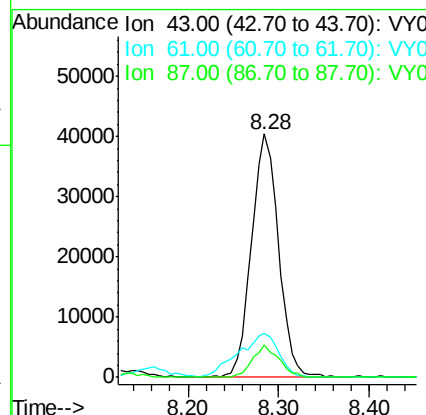
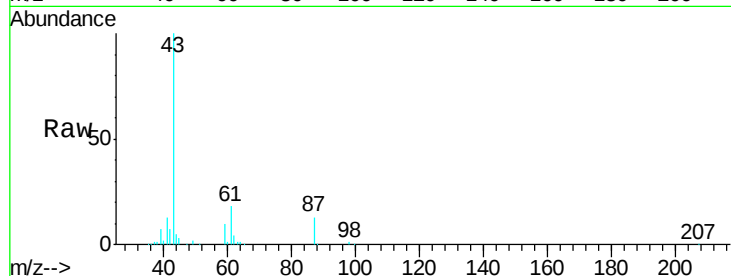
ClientSampleId :

VY1101SBSD01

Tgt Ion:	43	Resp:	83352
Ion	Ratio	Lower	Upper
43	100		
61	27.3	23.0	34.4
87	12.9	10.5	15.7

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#44

Trichloroethene

Concen: 20.436 ug/l

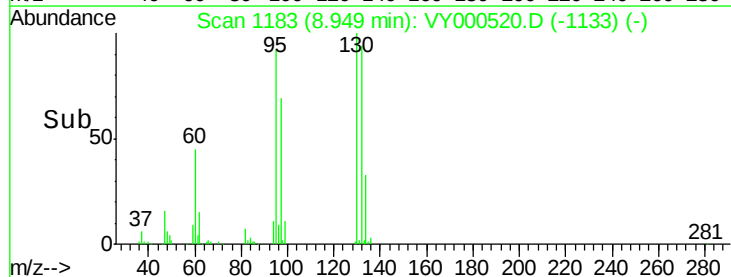
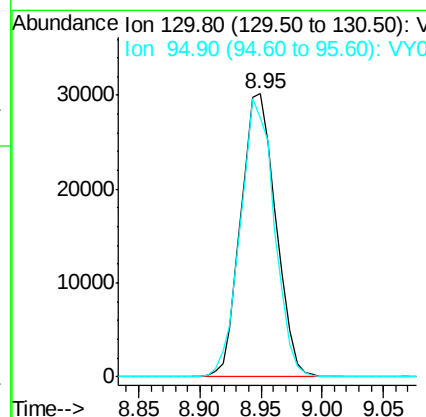
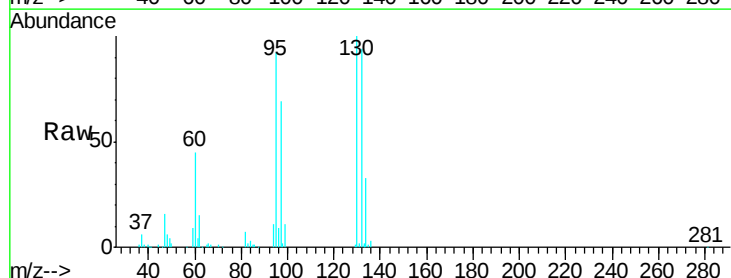
RT: 8.95 min Scan# 1183

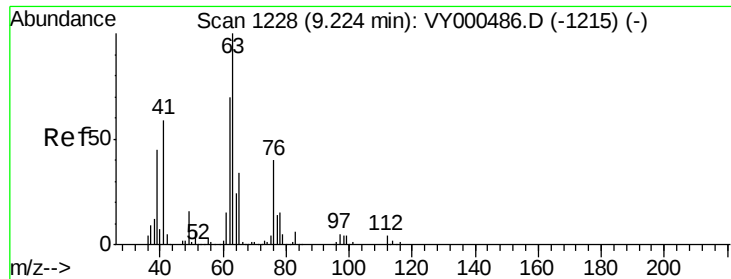
Delta R.T. 0.01 min

Lab File: VY000520.D

Acq: 01 Nov 2019 12:27

Tgt Ion:	130	Resp:	60005
Ion	Ratio	Lower	Upper
130	100		
95	91.5	0.0	203.2





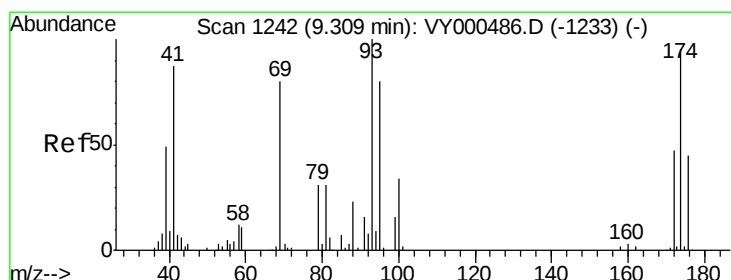
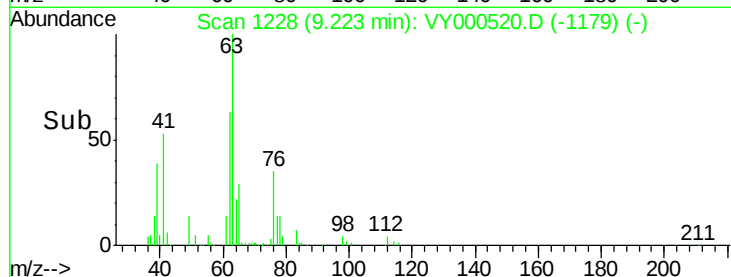
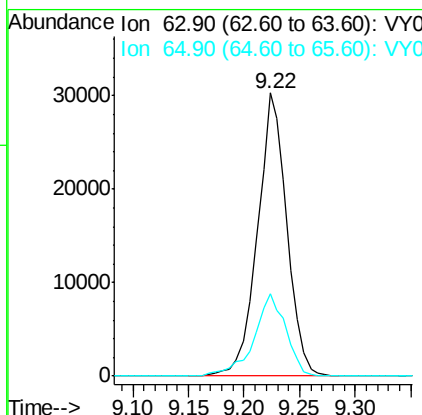
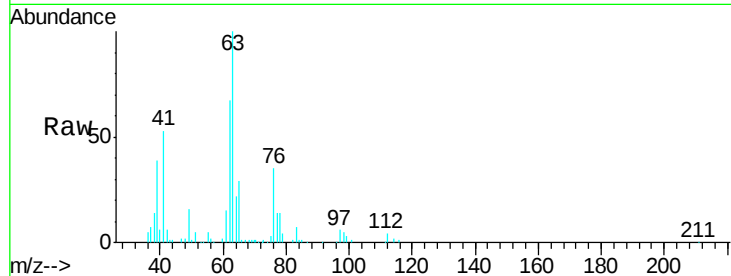
#45
 1,2-Dichloropropane
 Concen: 20.335 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. -0.00 min
 Lab File: VY000520.D
 Acq: 01 Nov 2019 12:27

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1101SBSD01

Tgt Ion: 63 Resp: 55736
 Ion Ratio Lower Upper
 63 100
 65 29.2 27.0 40.4

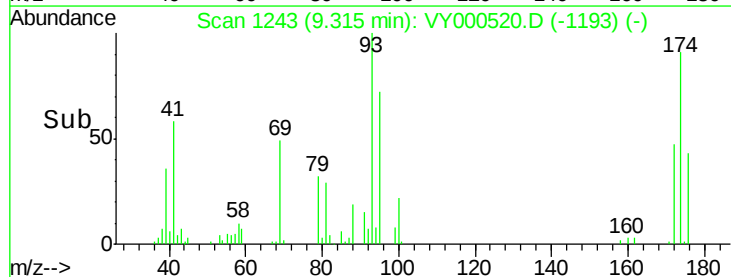
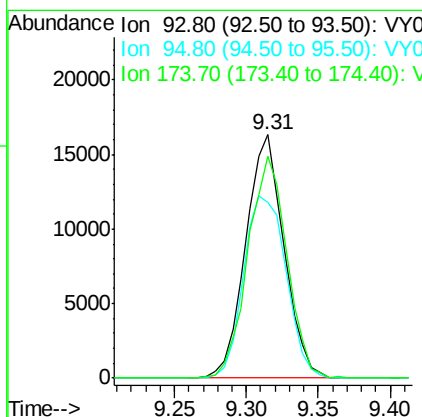
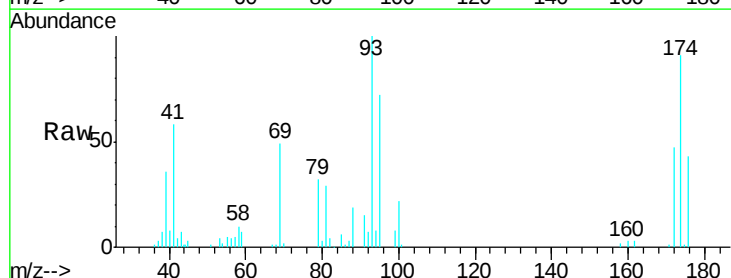
Manual Integrations
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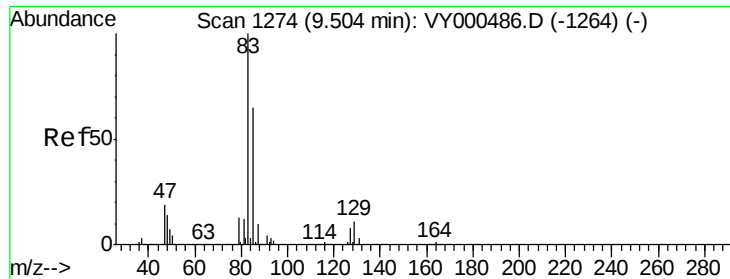
MMDadoda
 11/4/2019 3:40:27 PM



#46
 Dibromomethane
 Concen: 19.865 ug/l
 RT: 9.31 min Scan# 1243
 Delta R.T. 0.01 min
 Lab File: VY000520.D
 Acq: 01 Nov 2019 12:27

Tgt Ion: 93 Resp: 29944
 Ion Ratio Lower Upper
 93 100
 95 83.2 66.4 99.6
 174 93.0 77.1 115.7





#47

Bromodichloromethane

Concen: 19.620 ug/l

RT: 9.50 min Scan# 1274

Delta R.T. -0.00 min

Lab File: VY000520.D

Acq: 01 Nov 2019 12:27

Instrument :

MSVOA_Y

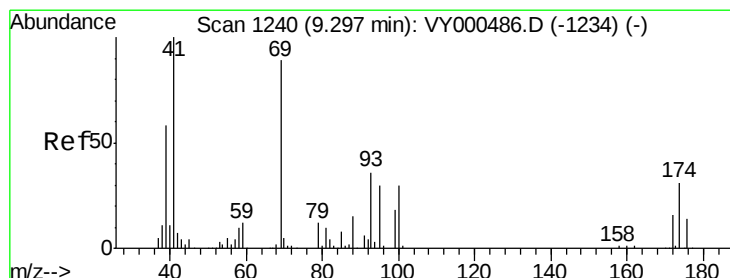
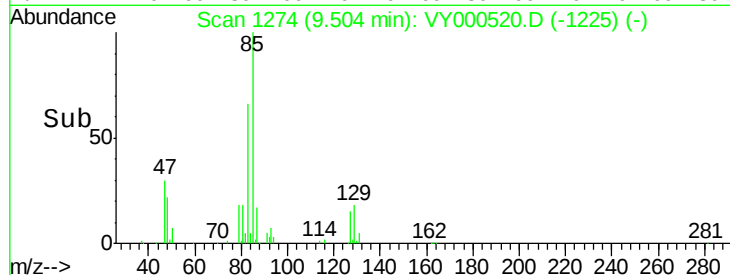
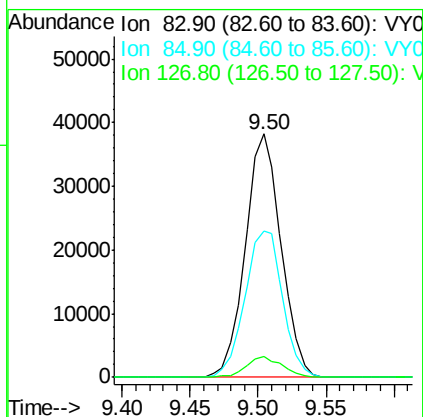
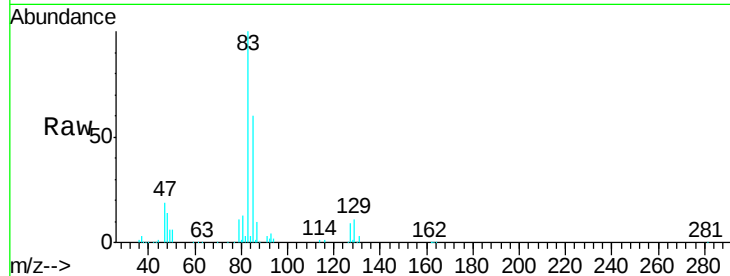
ClientSampleId :

VY1101SBS01

Tgt Ion:	83	Resp:	70176
Ion	Ratio	Lower	Upper
83	100		
85	60.0	51.8	77.8
127	8.8	6.7	10.1

Manual Integrations
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#48

Methyl methacrylate

Concen: 19.657 ug/l

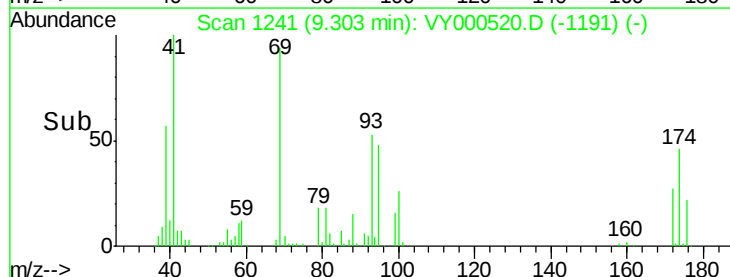
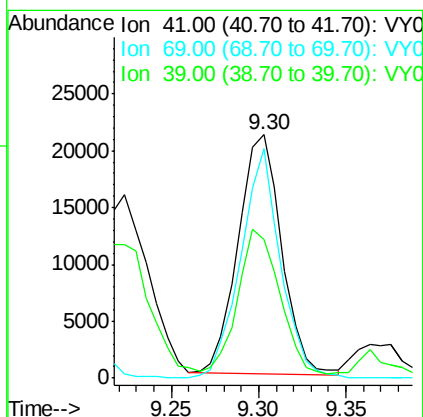
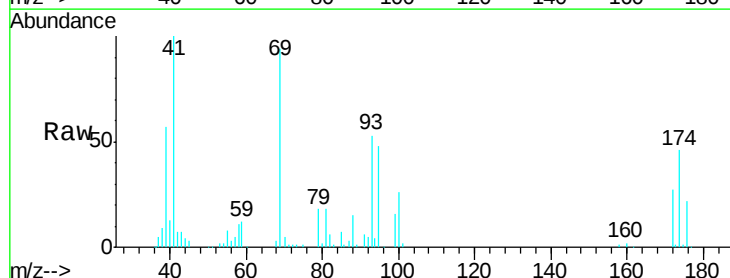
RT: 9.30 min Scan# 1241

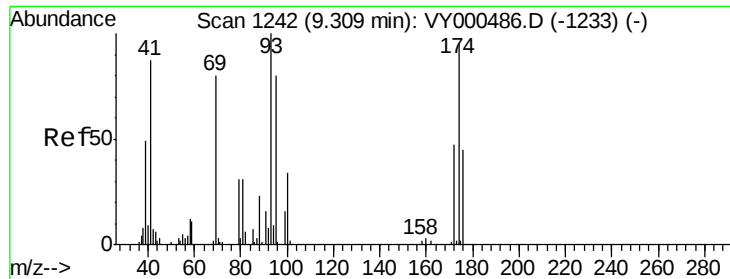
Delta R.T. 0.01 min

Lab File: VY000520.D

Acq: 01 Nov 2019 12:27

Tgt Ion:	41	Resp:	36385
Ion	Ratio	Lower	Upper
41	100		
69	88.0	72.5	108.7
39	61.9	47.8	71.8





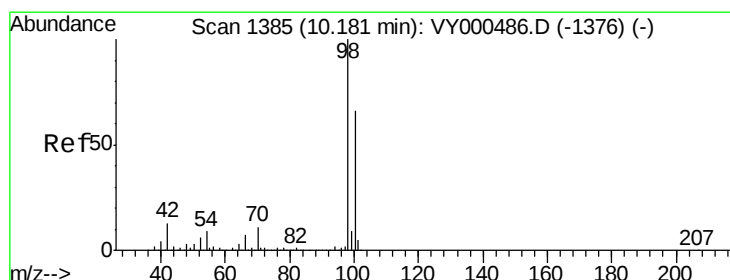
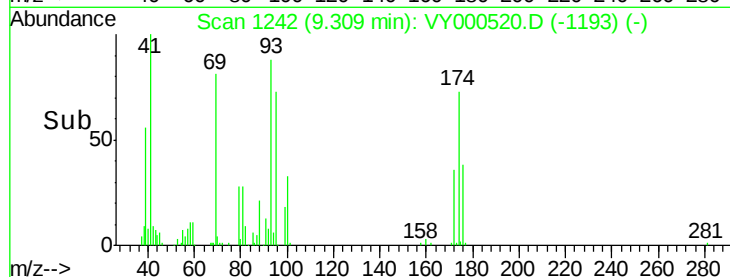
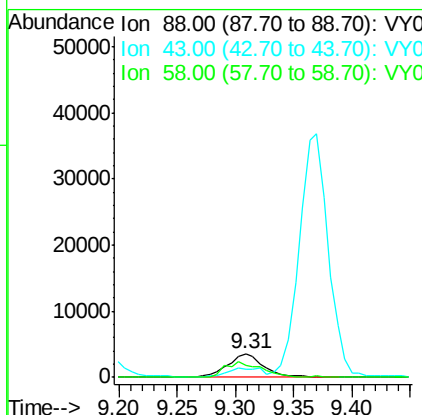
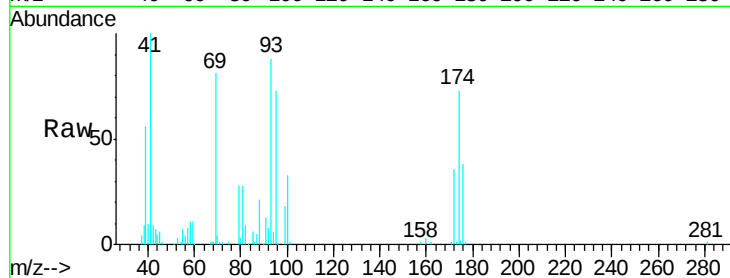
#49
1,4-Dioxane
Concen: 380.928 ug/l
RT: 9.31 min Scan# 1242
Delta R.T. -0.00 min
Lab File: VY000520.D
Acq: 01 Nov 2019 12:27

Instrument :
MSVOA_Y
ClientSampleId :
VY1101SBSD01

Tgt Ion	Ratio	Lower	Upper
88	100		
43	33.9	25.1	37.7
58	68.5	50.6	75.8

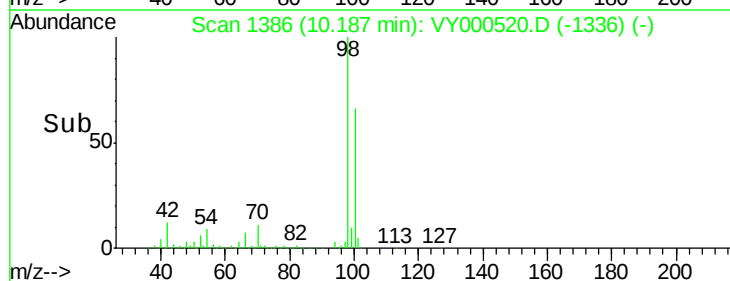
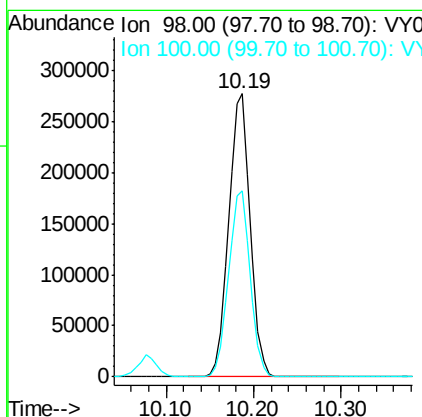
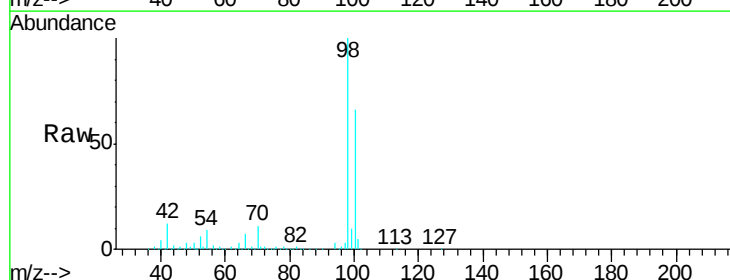
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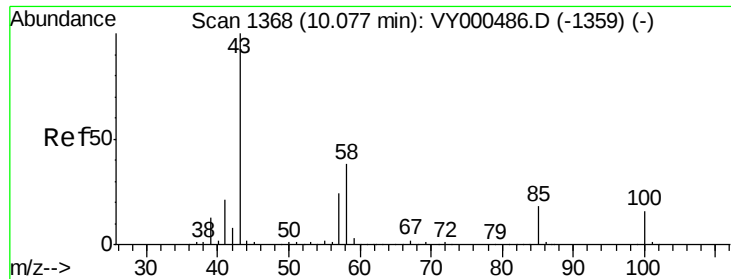
MMDadoda
11/4/2019 3:40:27 PM



#50
Toluene-d8
Concen: 52.726 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. 0.01 min
Lab File: VY000520.D
Acq: 01 Nov 2019 12:27

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.4	52.9	79.3





#51

4-Methyl-2-Pentanone

Concen: 97.292 ug/l

RT: 10.08 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VY000520.D

Acq: 01 Nov 2019 12:27

Instrument :

MSVOA_Y

ClientSampleId :

VY1101SBSD01

Tgt Ion: 43 Resp: 219142

Ion Ratio Lower Upper

43 100

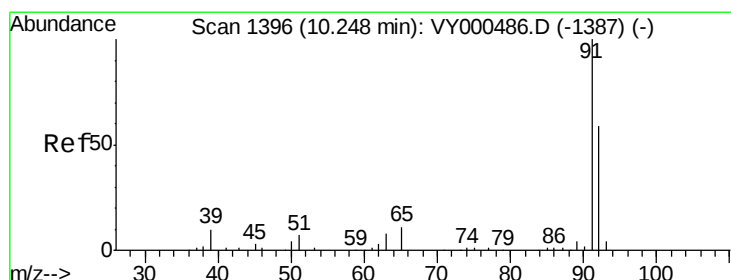
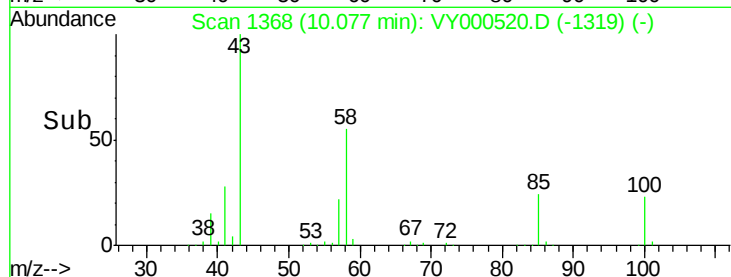
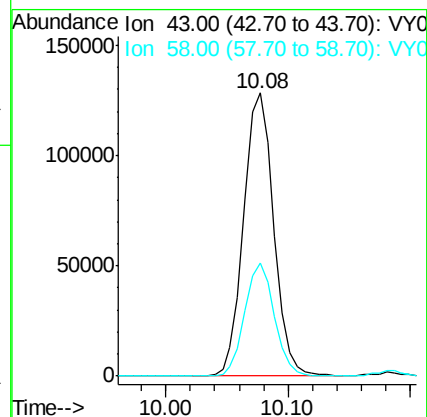
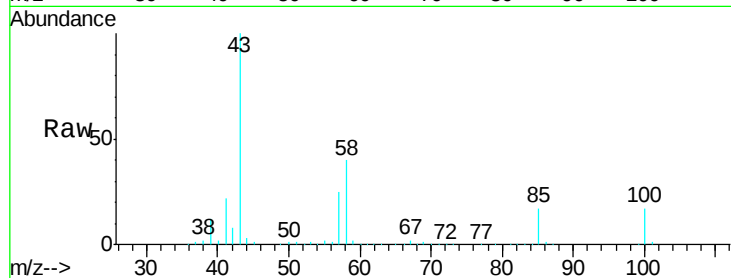
58 39.3 30.2 45.4

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#52

Toluene

Concen: 19.676 ug/l

RT: 10.25 min Scan# 1396

Delta R.T. -0.00 min

Lab File: VY000520.D

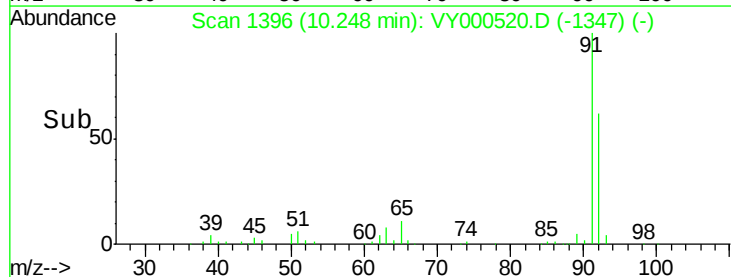
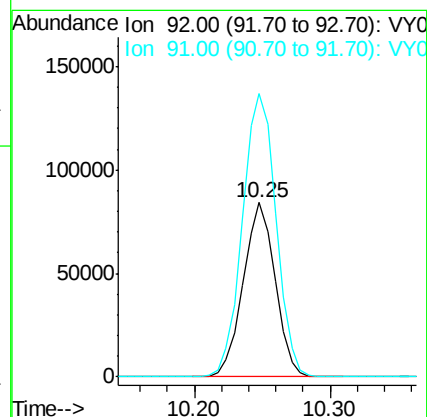
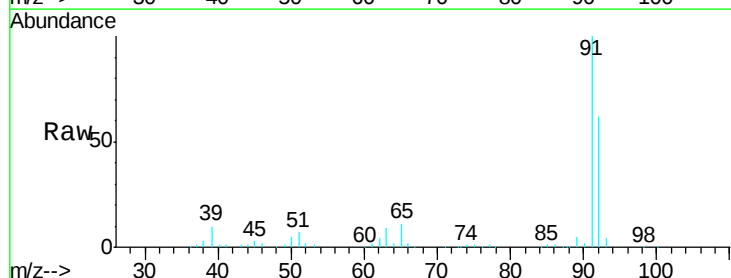
Acq: 01 Nov 2019 12:27

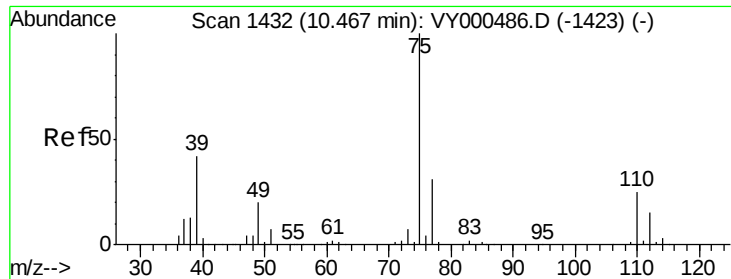
Tgt Ion: 92 Resp: 138534

Ion Ratio Lower Upper

92 100

91 170.6 136.3 204.5





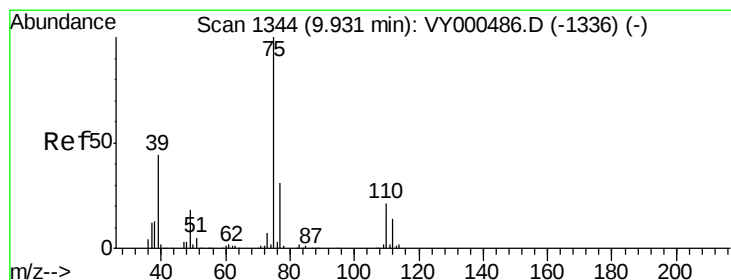
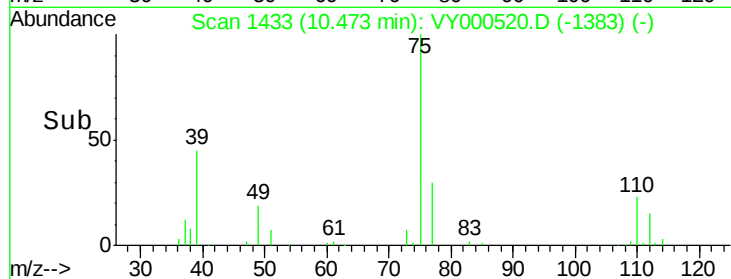
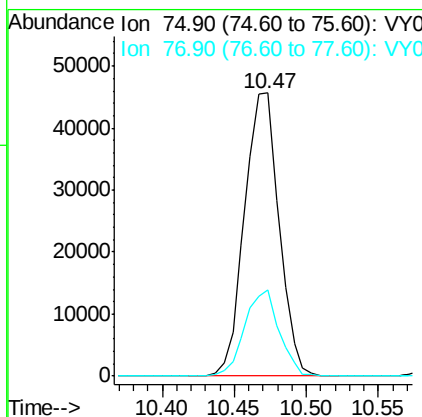
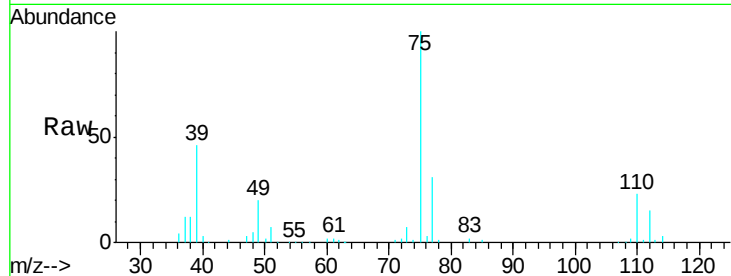
#53
 t-1,3-Dichloropropene
 Concen: 19.832 ug/l
 RT: 10.47 min Scan# 1433
 Delta R.T. 0.01 min
 Lab File: VY000520.D
 Acq: 01 Nov 2019 12:27

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1101SBSD01

Tgt Ion: 75 Resp: 75794
 Ion Ratio Lower Upper
 75 100
 77 30.5 24.6 37.0

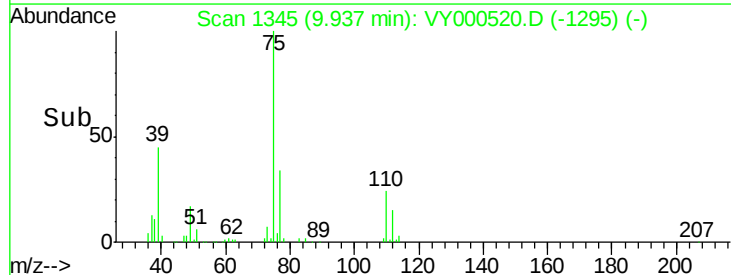
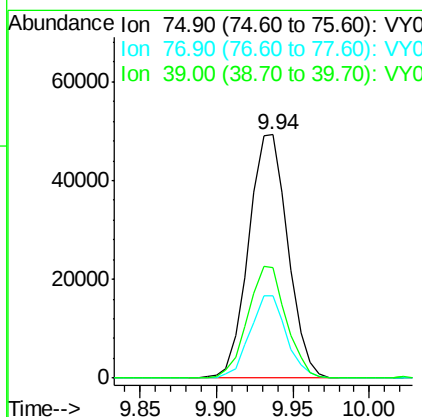
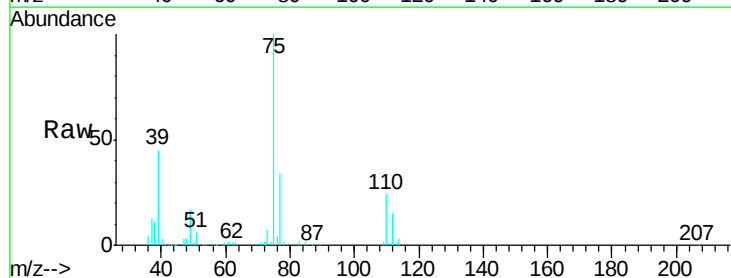
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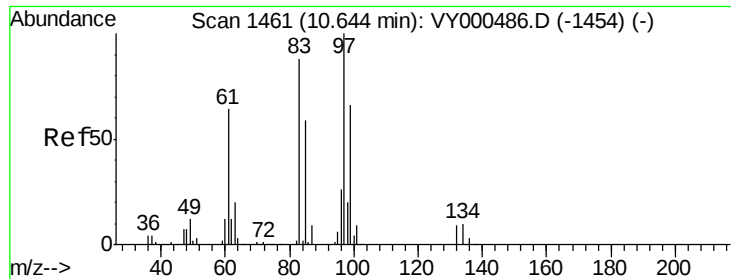
MMDadoda
 11/4/2019 3:40:27 PM



#54
 cis-1,3-Dichloropropene
 Concen: 20.111 ug/l
 RT: 9.94 min Scan# 1345
 Delta R.T. 0.01 min
 Lab File: VY000520.D
 Acq: 01 Nov 2019 12:27

Tgt Ion: 75 Resp: 88048
 Ion Ratio Lower Upper
 75 100
 77 33.7 24.5 36.7
 39 45.2 35.4 53.2





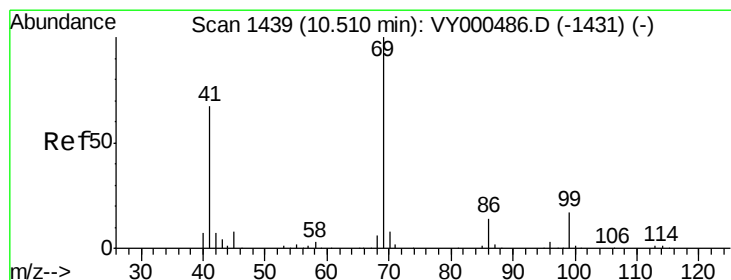
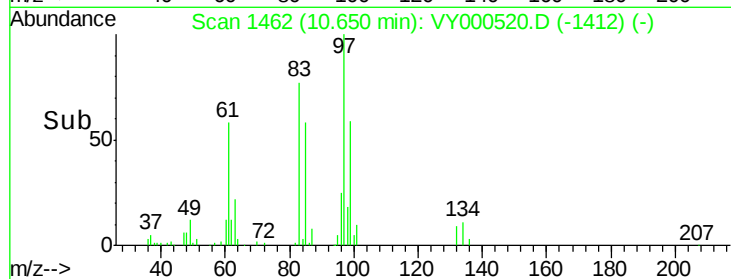
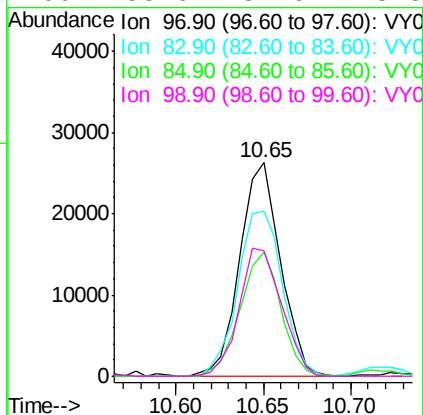
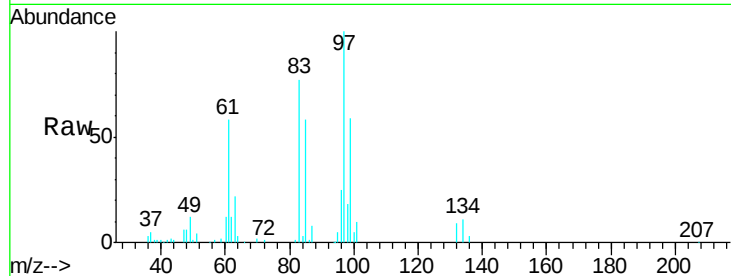
#55
 1,1,2-Trichloroethane
 Concen: 19.580 ug/l
 RT: 10.65 min Scan# 1462
 Delta R.T. 0.01 min
 Lab File: VY000520.D
 Acq: 01 Nov 2019 12:27

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1101SBSD01

Tgt Ion	Ratio	Lower	Upper
97	100		
83	76.9	70.2	105.4
85	57.9	46.9	70.3
99	58.6	52.6	78.8

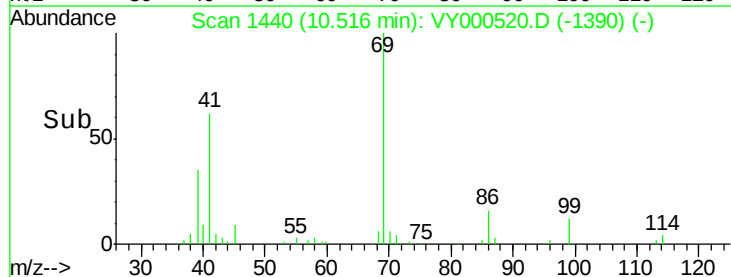
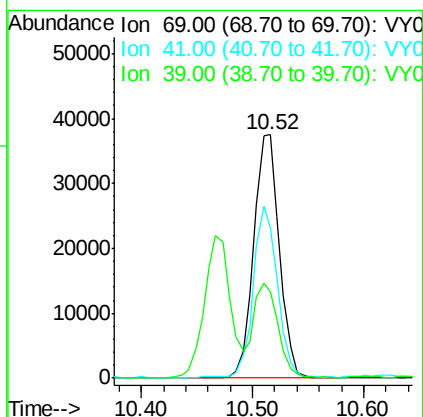
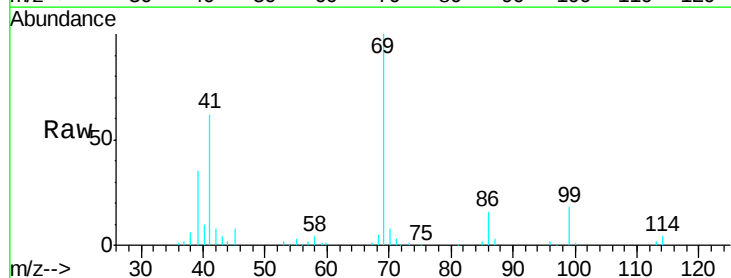
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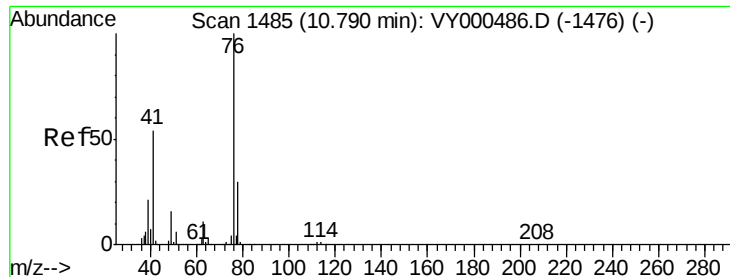
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 11/4/2019 3:40:27 PM



#56
 Ethyl methacrylate
 Concen: 19.507 ug/l
 RT: 10.52 min Scan# 1440
 Delta R.T. 0.01 min
 Lab File: VY000520.D
 Acq: 01 Nov 2019 12:27

Tgt Ion	Ratio	Lower	Upper
69	100		
41	66.3	53.3	79.9
39	37.6	28.0	42.0





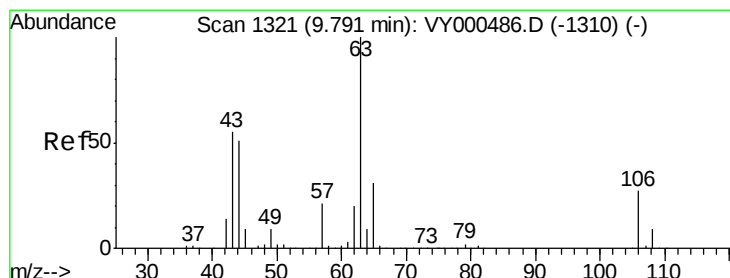
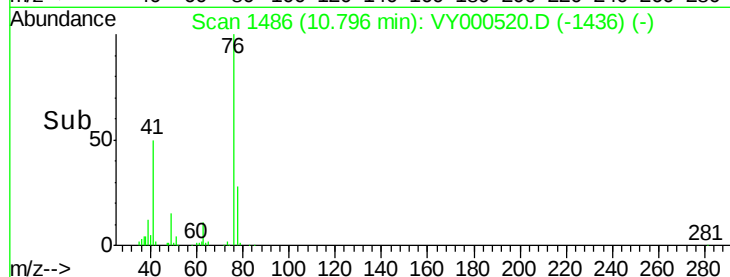
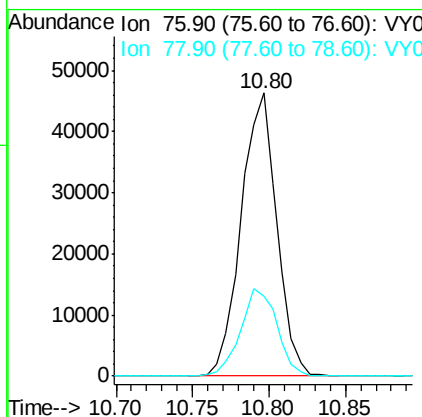
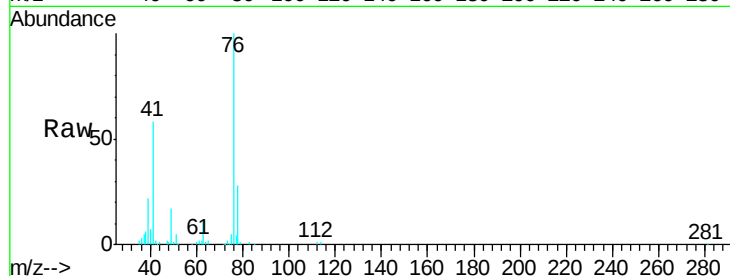
#57
 1,3-Dichloropropane
 Concen: 19.543 ug/l
 RT: 10.80 min Scan# 1486
 Delta R.T. 0.01 min
 Lab File: VY000520.D
 Acq: 01 Nov 2019 12:27

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1101SBSD01

Tgt Ion: 76 Resp: 74574
 Ion Ratio Lower Upper
 76 100
 78 31.9 25.2 37.8

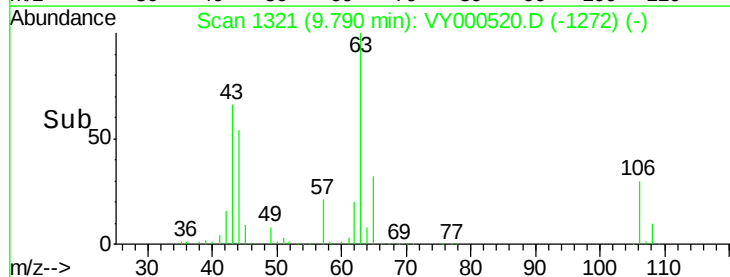
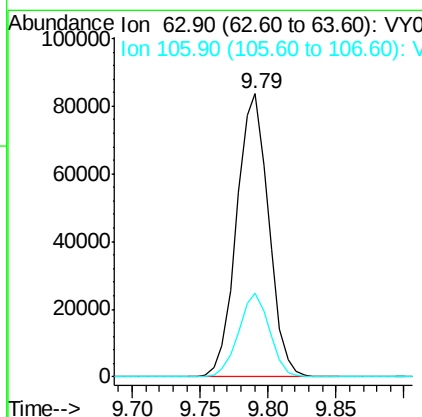
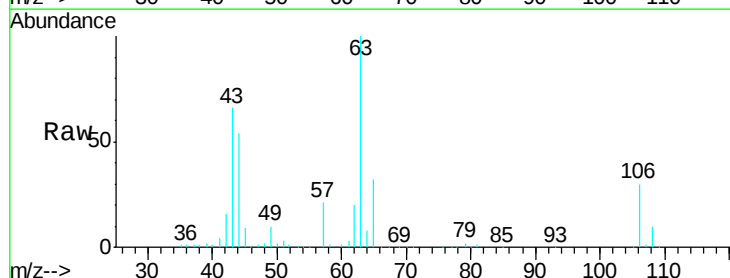
Manual Integrations
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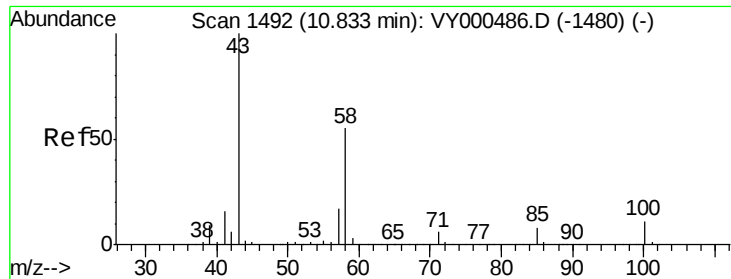
MMDadoda
 11/4/2019 3:40:27 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 98.248 ug/l
 RT: 9.79 min Scan# 1321
 Delta R.T. -0.00 min
 Lab File: VY000520.D
 Acq: 01 Nov 2019 12:27

Tgt Ion: 63 Resp: 137256
 Ion Ratio Lower Upper
 63 100
 106 28.6 22.6 33.8





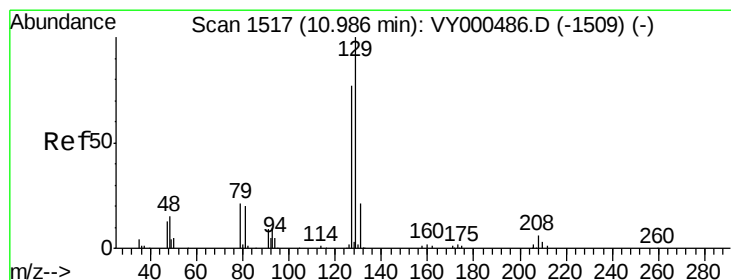
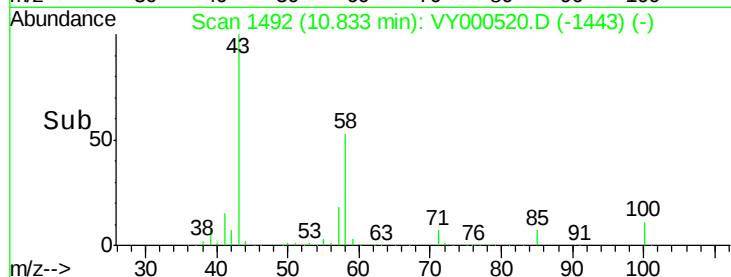
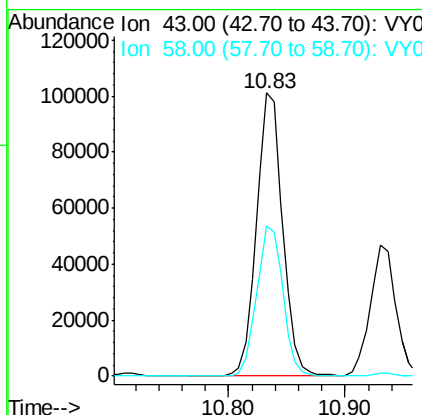
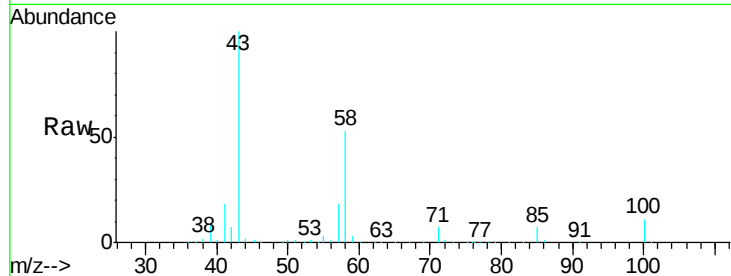
#59
2-Hexanone
Concen: 96.666 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY000520.D
Acq: 01 Nov 2019 12:27

Instrument :
MSVOA_Y
ClientSampleId :
VY1101SBS01

Tgt Ion: 43 Resp: 158638
Ion Ratio Lower Upper
43 100
58 53.5 27.1 81.3

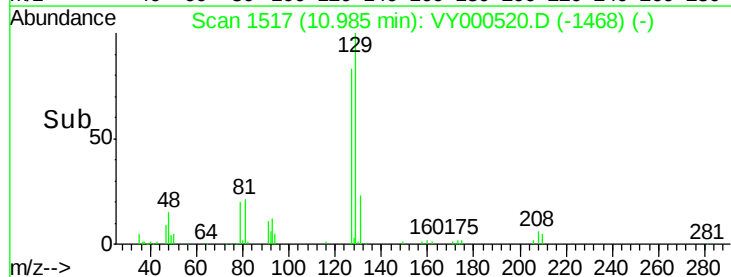
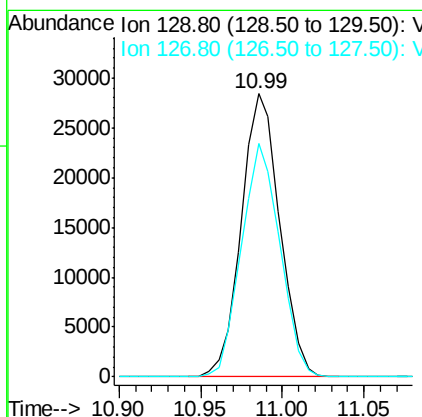
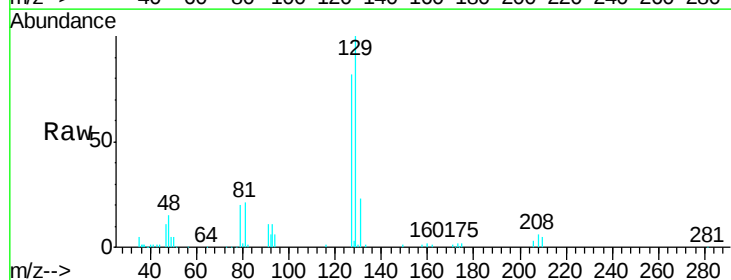
Manual Integrations
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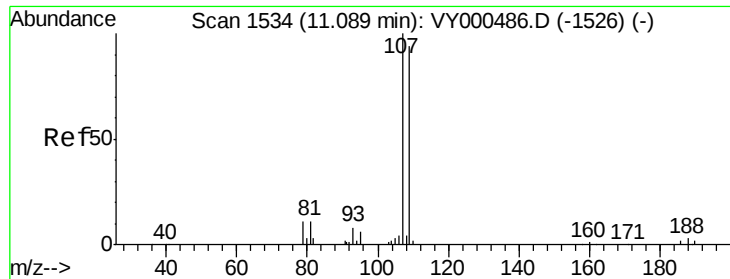
MMDadoda
11/4/2019 3:40:27 PM



#60
Dibromochloromethane
Concen: 18.642 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY000520.D
Acq: 01 Nov 2019 12:27

Tgt Ion: 129 Resp: 46554
Ion Ratio Lower Upper
129 100
127 82.6 39.1 117.2





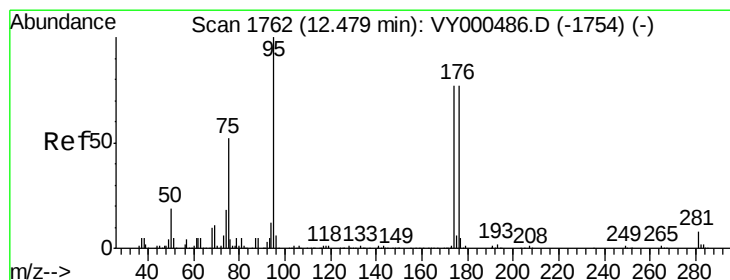
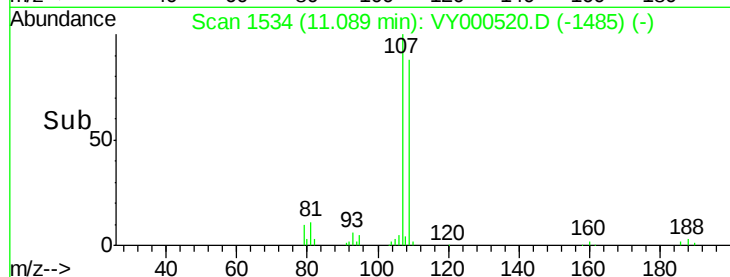
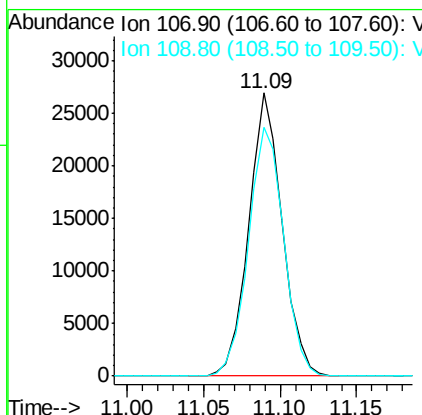
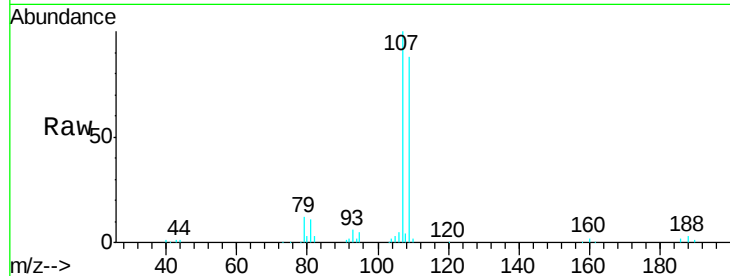
#61
 1,2-Dibromoethane
 Concen: 19.505 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VY000520.D
 Acq: 01 Nov 2019 12:27

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1101SBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	40889		
109	92.6	73.6	110.4	

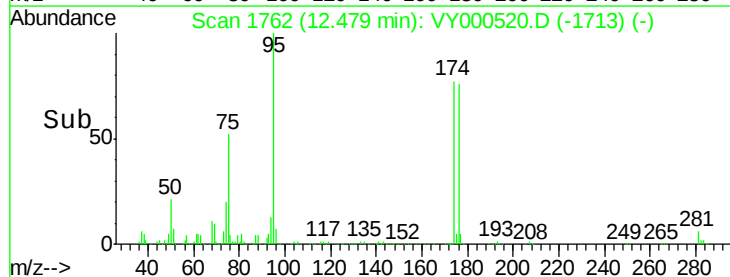
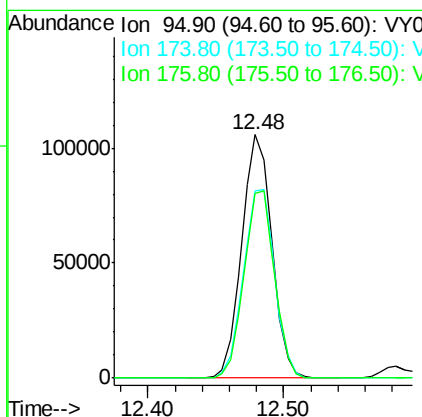
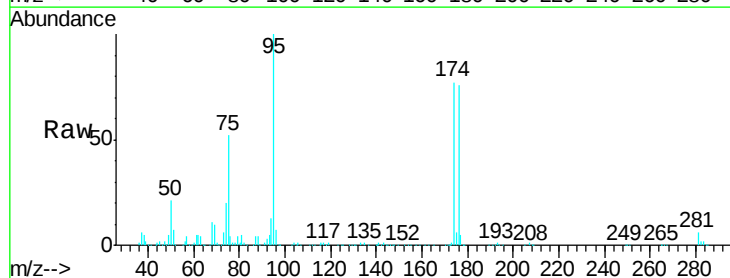
Manual Integrations
 APPROVED

MMDadoda
 11/4/2019 3:40:27 PM



#62
 4-Bromofluorobenzene
 Concen: 48.024 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VY000520.D
 Acq: 01 Nov 2019 12:27

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	163644		
174	80.5	0.0	161.6	
176	78.3	0.0	157.8	





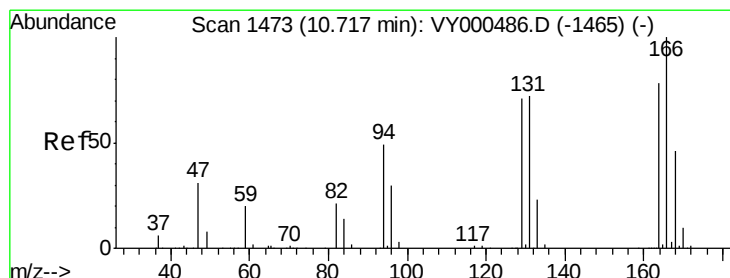
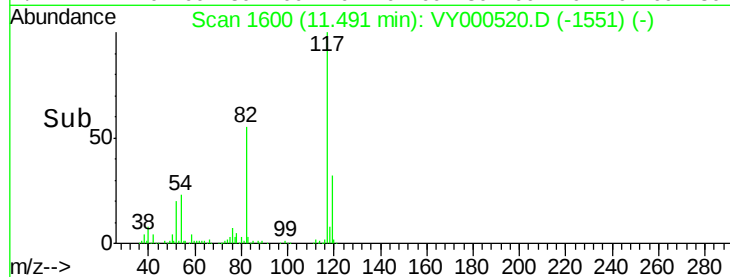
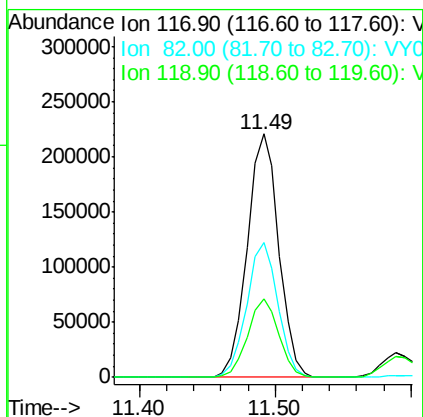
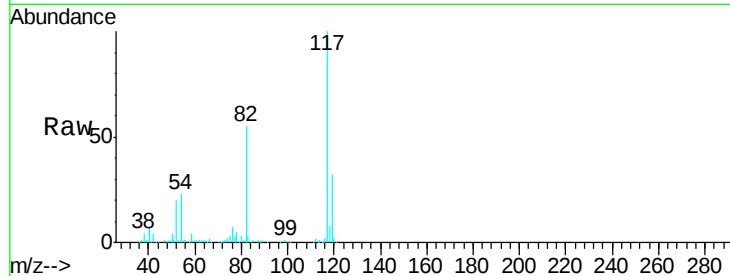
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY000520.D
Acq: 01 Nov 2019 12:27

Instrument :
MSVOA_Y
ClientSampleId :
VY1101SBSD01

Tgt Ion	Ratio	Resp Lower	Resp Upper
117	100		
82	55.2	40.8	61.2
119	32.1	26.2	39.2

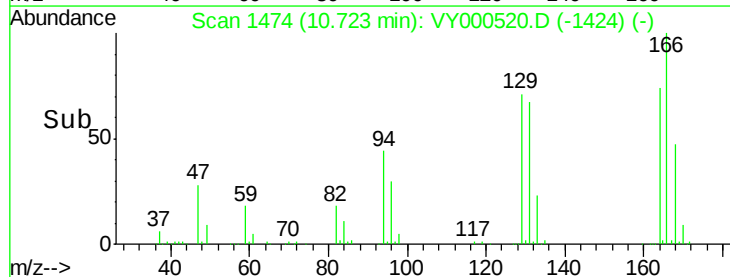
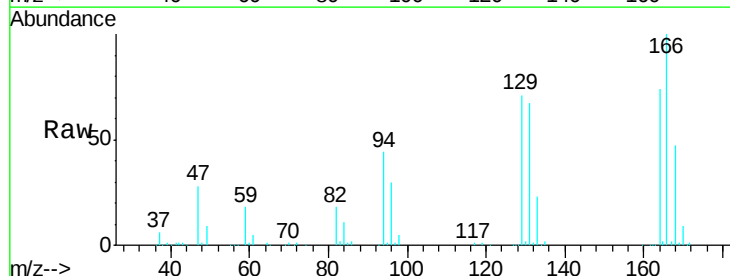
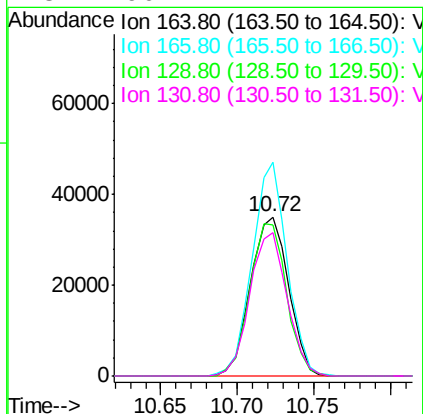
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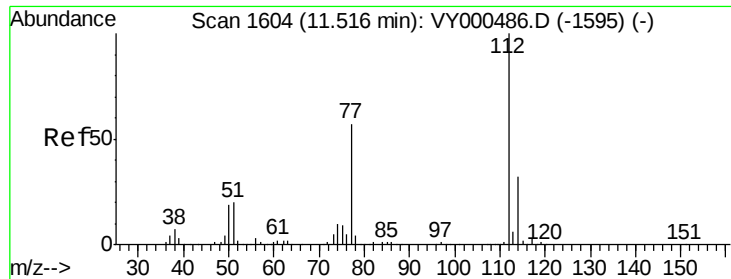
MMDadoda
11/4/2019 3:40:27 PM



#64
Tetrachloroethene
Concen: 20.550 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VY000520.D
Acq: 01 Nov 2019 12:27

Tgt Ion	Ratio	Resp Lower	Resp Upper
164	100		
166	134.4	102.7	154.1
129	95.1	73.2	109.8
131	90.4	74.2	111.2





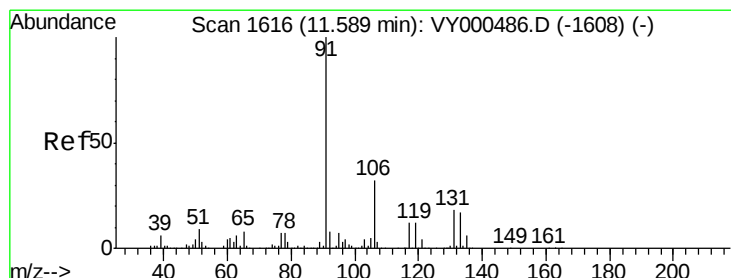
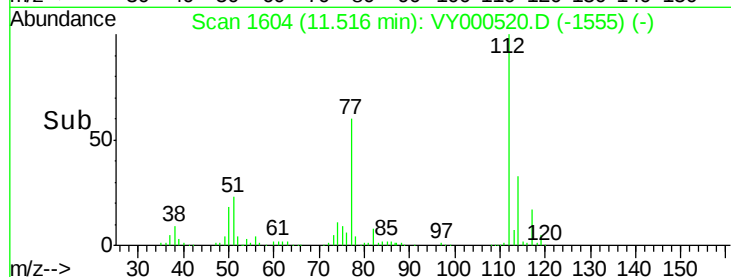
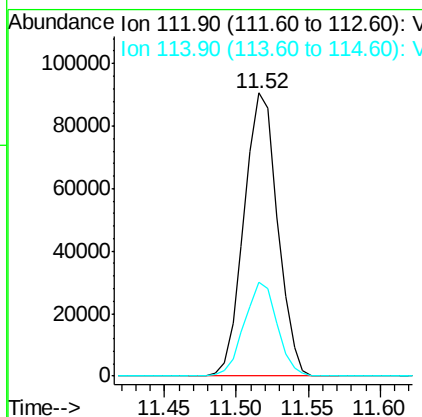
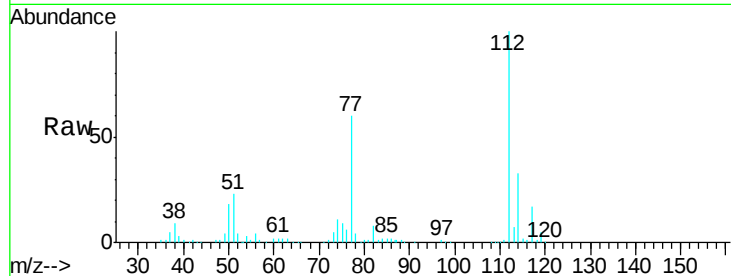
#65
Chlorobenzene
Concen: 20.142 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY000520.D
Acq: 01 Nov 2019 12:27

Instrument :
MSVOA_Y
ClientSampleId :
VY1101SBSD01

Tgt Ion:112 Resp: 146431
Ion Ratio Lower Upper
112 100
114 33.3 25.3 37.9

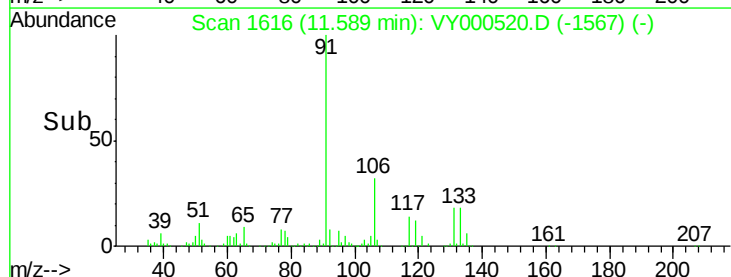
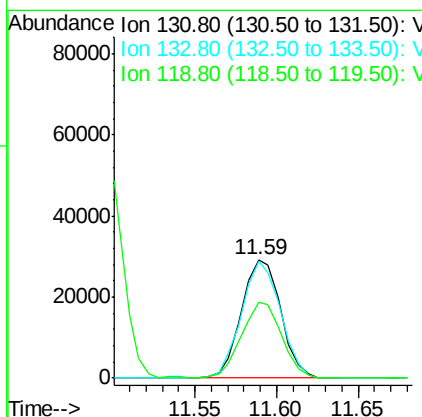
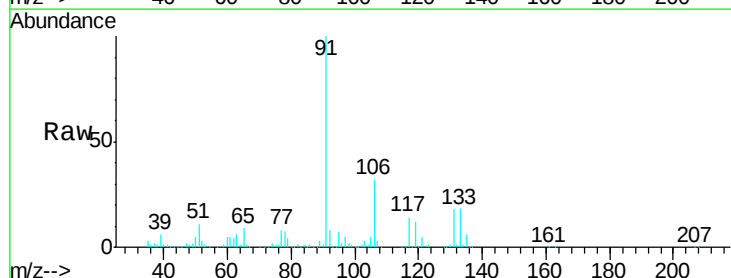
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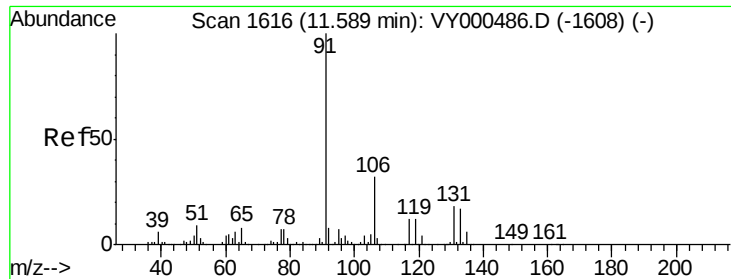
MMDadoda
11/4/2019 3:40:27 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 19.411 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY000520.D
Acq: 01 Nov 2019 12:27

Tgt Ion:131 Resp: 48941
Ion Ratio Lower Upper
131 100
133 97.7 47.9 143.8
119 65.2 33.1 99.3





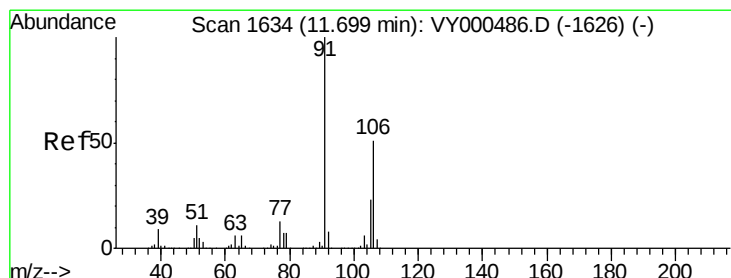
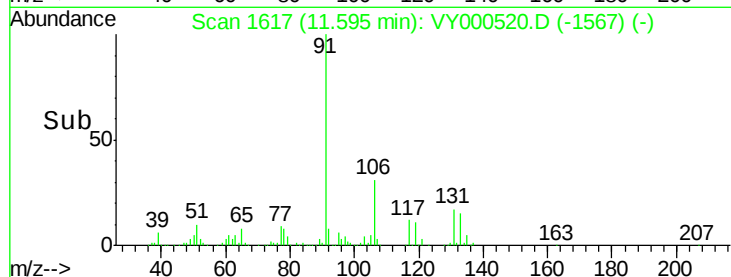
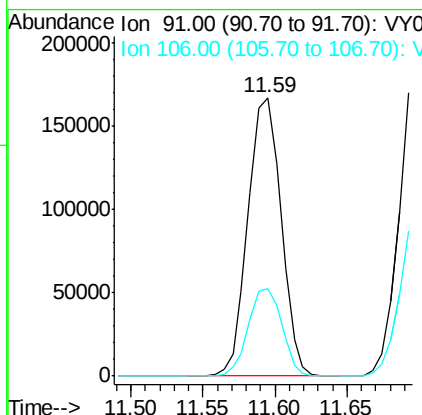
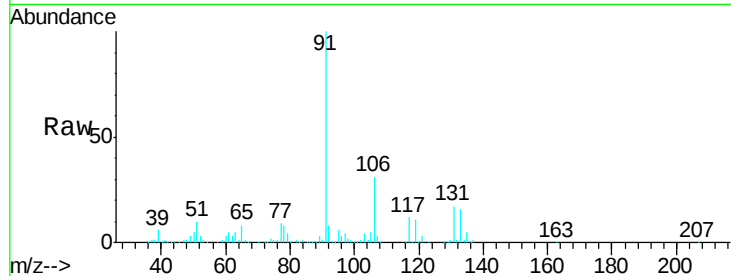
#67
Ethyl Benzene
Concen: 19.934 ug/l
RT: 11.59 min Scan# 1617
Delta R.T. 0.01 min
Lab File: VY000520.D
Acq: 01 Nov 2019 12:27

Instrument :
MSVOA_Y
ClientSampleId :
VY1101SBSD01

Tgt Ion: 91 Resp: 266716
Ion Ratio Lower Upper
91 100
106 31.3 25.4 38.0

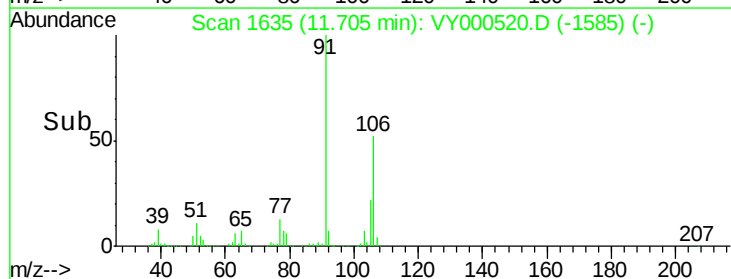
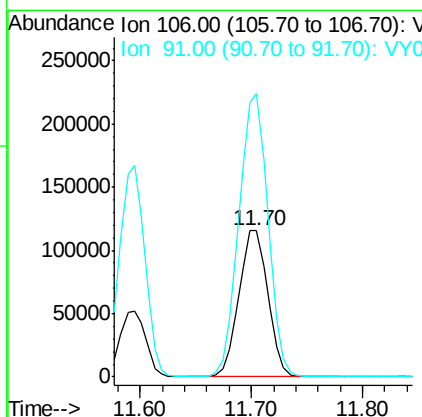
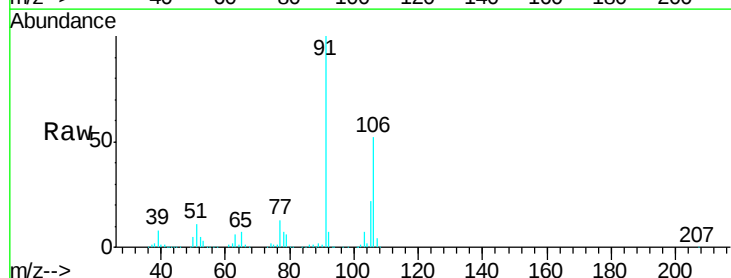
Manual Integrations
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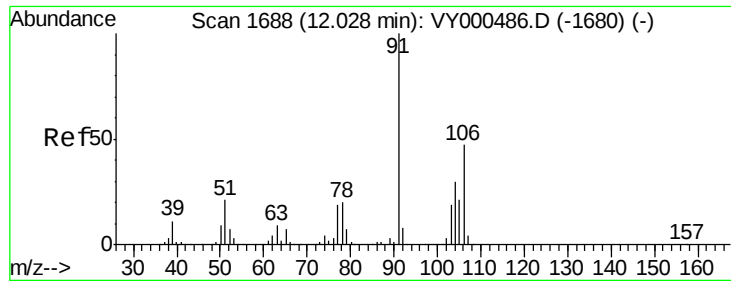
MMDadoda
11/4/2019 3:40:27 PM



#68
m/p-Xylenes
Concen: 40.498 ug/l
RT: 11.70 min Scan# 1635
Delta R.T. 0.01 min
Lab File: VY000520.D
Acq: 01 Nov 2019 12:27

Tgt Ion: 106 Resp: 209717
Ion Ratio Lower Upper
106 100
91 193.8 155.9 233.9





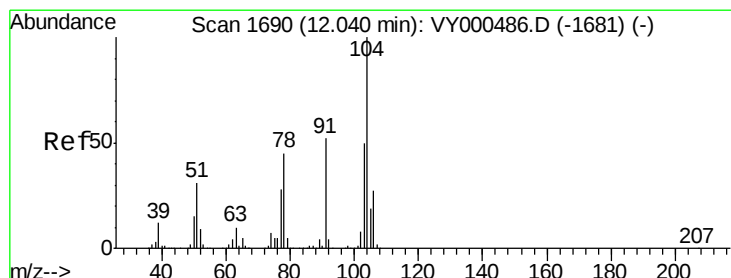
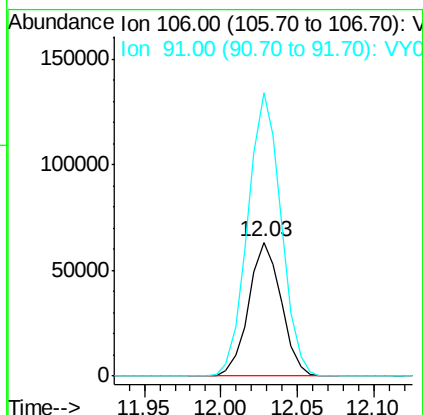
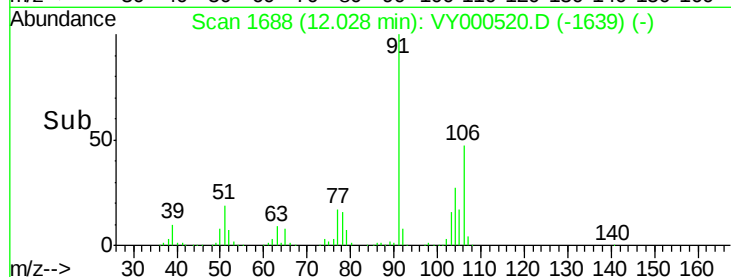
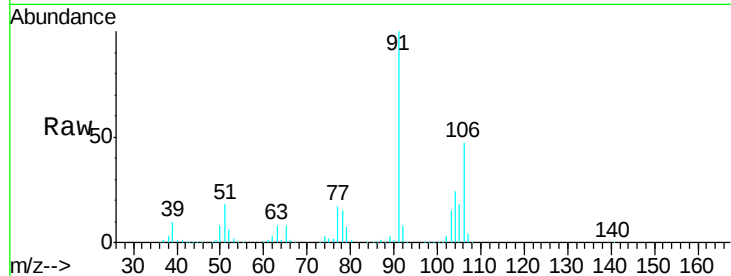
#69
o-Xylene
Concen: 19.231 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY000520.D
Acq: 01 Nov 2019 12:27

Instrument :
MSVOA_Y
ClientSampleId :
VY1101SBSD01

Tgt Ion:106 Resp: 93595
Ion Ratio Lower Upper
106 100
91 217.4 106.5 319.6

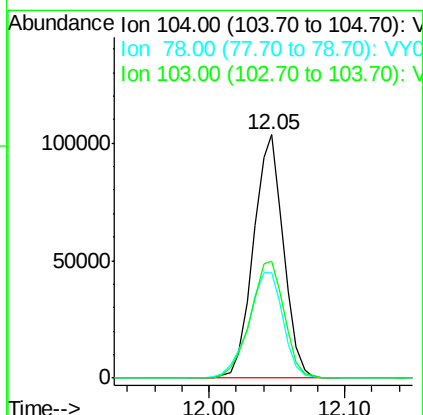
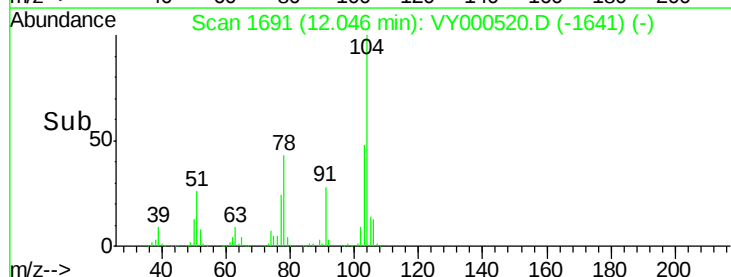
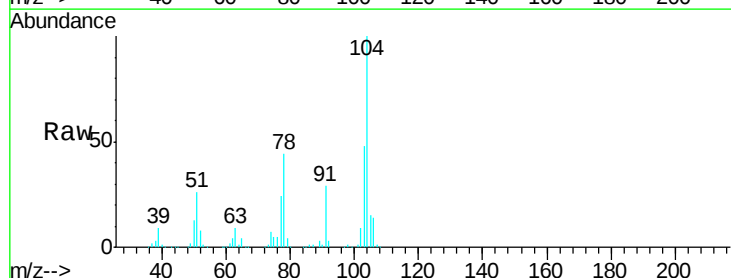
Manual Integrations
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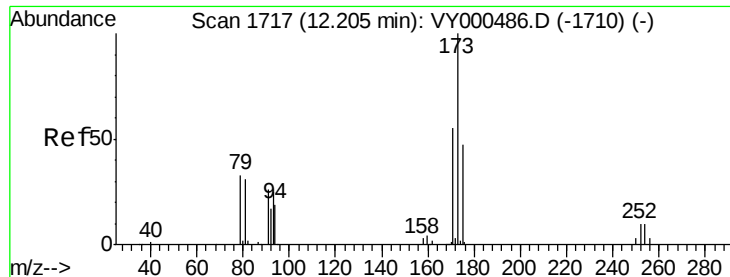
MMDadoda
11/4/2019 3:40:27 PM



#70
Styrene
Concen: 19.225 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.01 min
Lab File: VY000520.D
Acq: 01 Nov 2019 12:27

Tgt Ion:104 Resp: 160222
Ion Ratio Lower Upper
104 100
78 50.1 39.0 58.4
103 54.3 42.5 63.7





#71

Bromoform

Concen: 19.466 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. 0.01 min

Lab File: VY000520.D

Acq: 01 Nov 2019 12:27

Instrument :

MSVOA_Y

ClientSampleId :

VY1101SBSD01

Tgt Ion:173 Resp: 28229

Ion Ratio Lower Upper

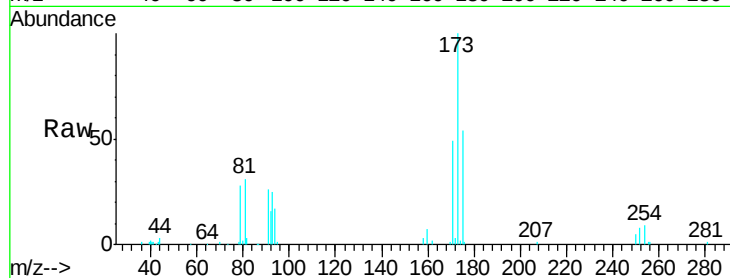
173 100

175 50.7 24.4 73.2

254 0.1 0.1 0.1#

Manual Integrations
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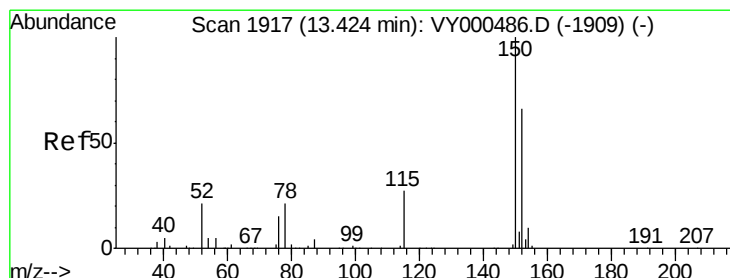
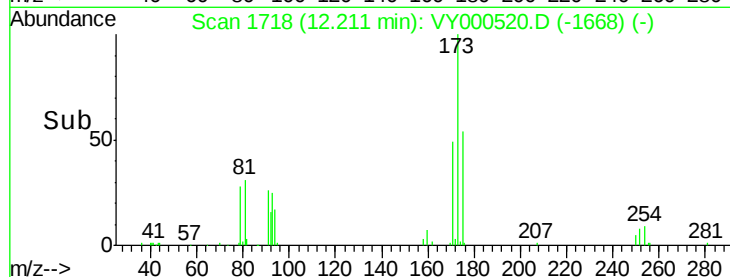
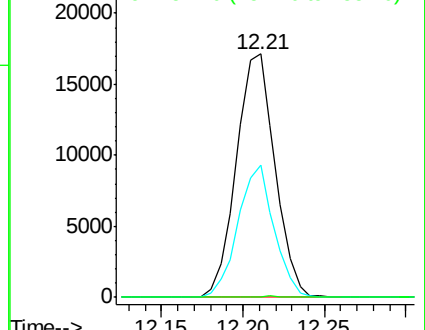
MMDadoda
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. -0.00 min

Lab File: VY000520.D

Acq: 01 Nov 2019 12:27

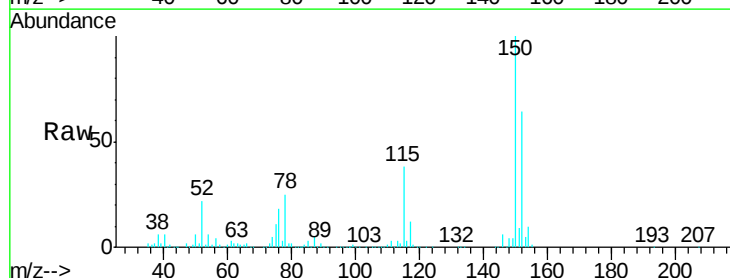
Tgt Ion:152 Resp: 176634

Ion Ratio Lower Upper

152 100

115 58.7 29.1 87.4

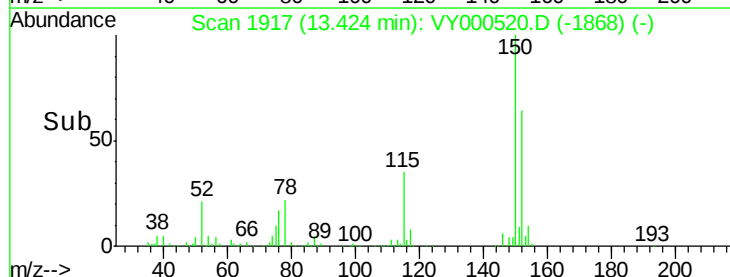
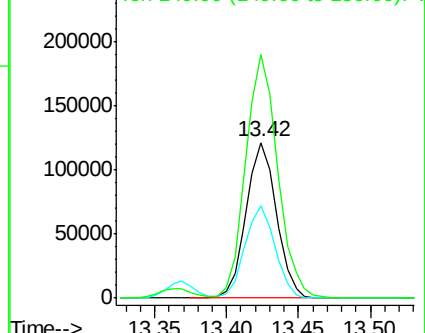
150 164.6 0.0 348.8

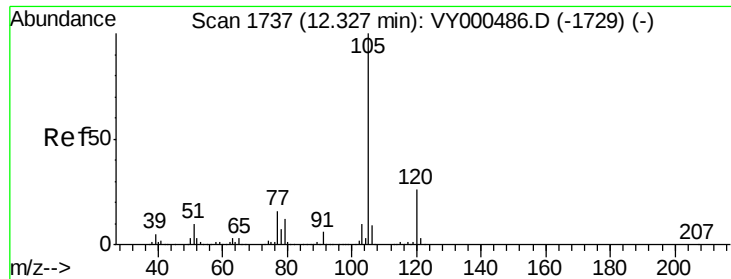


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





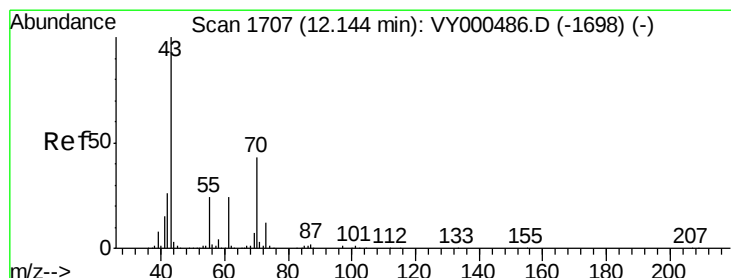
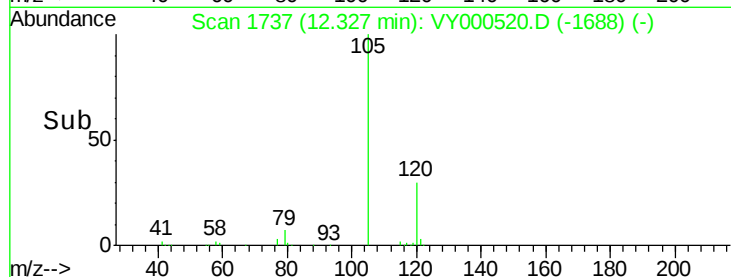
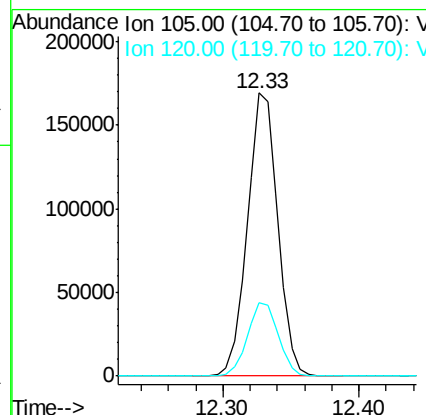
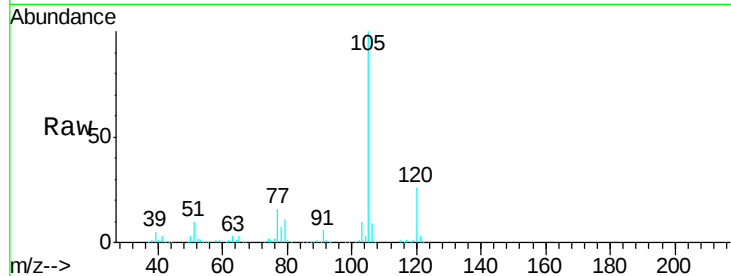
#73
Isopropylbenzene
Concen: 20.131 ug/l
RT: 12.33 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VY000520.D
Acq: 01 Nov 2019 12:27

Instrument :
MSVOA_Y
ClientSampleId :
VY1101SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	262800		
120	26.5	13.5	40.4	

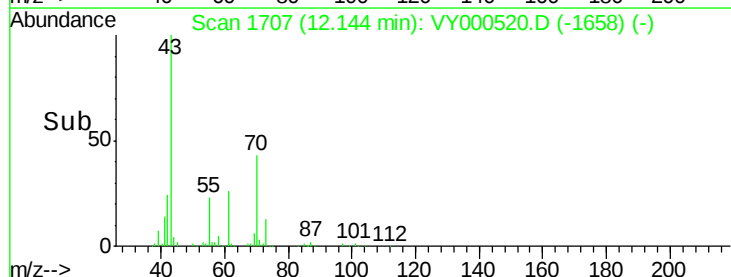
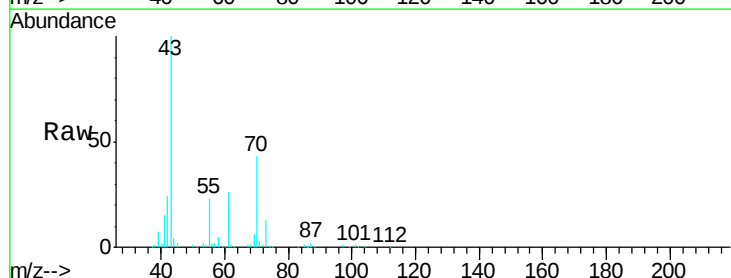
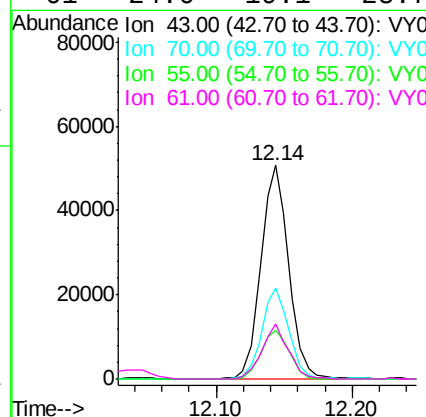
Manual Integrations
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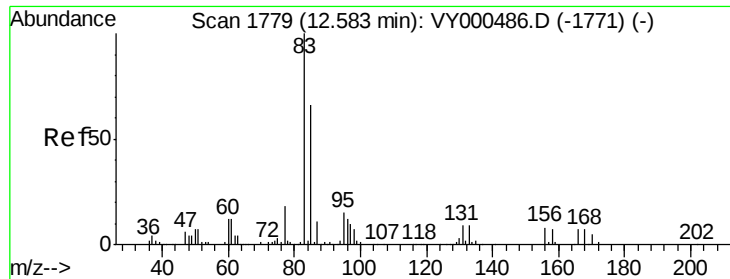
MMDadoda
11/4/2019 3:40:27 PM



#74
N-ethyl acetate
Concen: 19.419 ug/l
RT: 12.14 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VY000520.D
Acq: 01 Nov 2019 12:27

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	72604		
70	41.7	33.1	49.7	
55	23.4	18.0	27.0	
61	24.6	19.1	28.7	





#75

1,1,2,2-Tetrachloroethane

Concen: 19.903 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY000520.D

Acq: 01 Nov 2019 12:27

Instrument :

MSVOA_Y

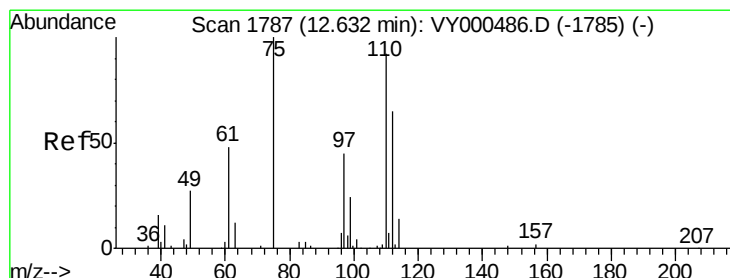
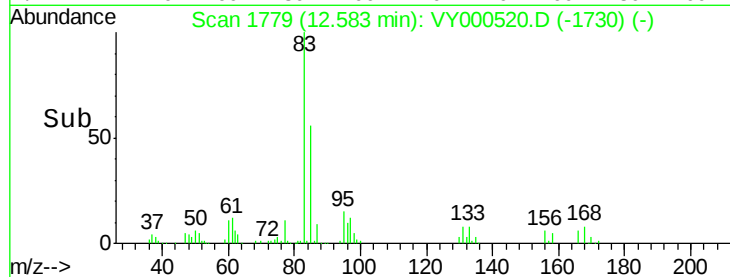
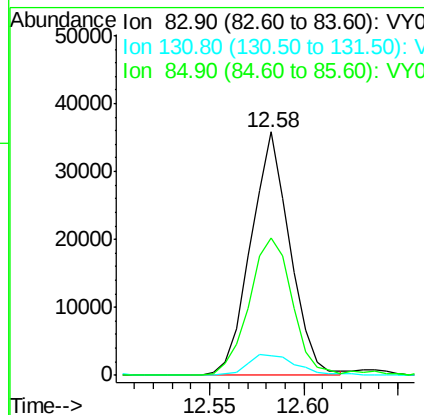
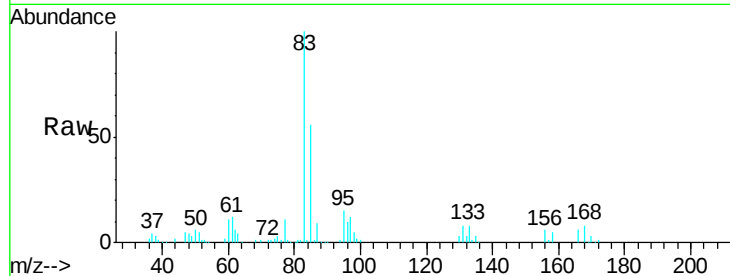
ClientSampleId :

VY1101SBS01

Tgt Ion:	83	Resp:	51445
Ion Ratio	Lower	Upper	
83	100		
131	10.6	5.0	14.9
85	63.7	32.3	96.9

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 19.616 ug/l m

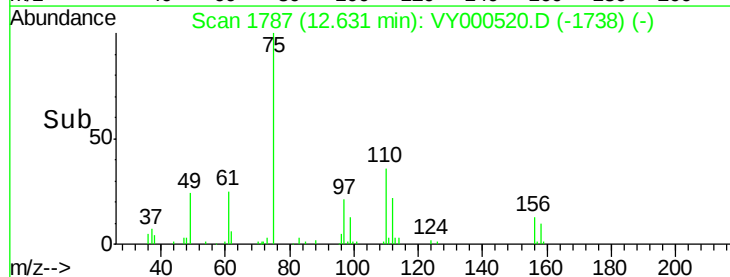
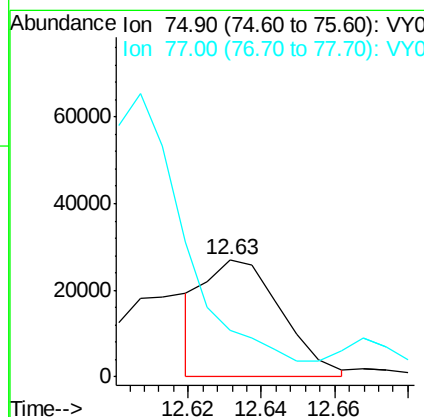
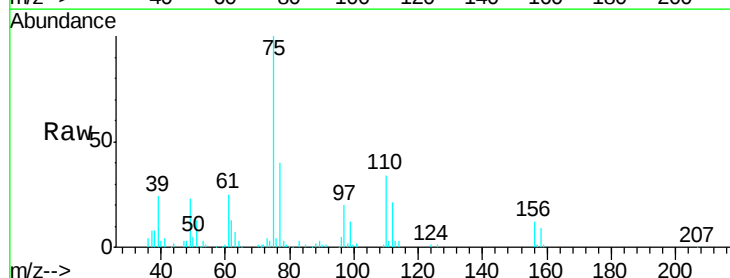
RT: 12.63 min Scan# 1787

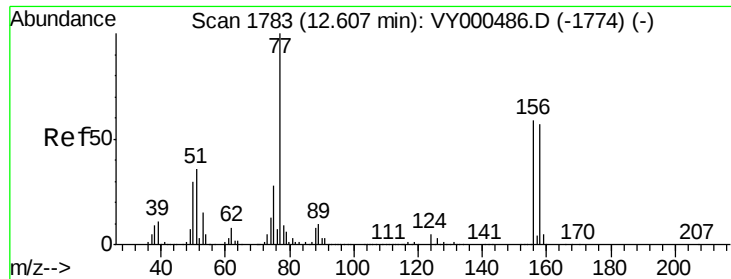
Delta R.T. -0.00 min

Lab File: VY000520.D

Acq: 01 Nov 2019 12:27

Tgt Ion:	75	Resp:	39452
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 20.072 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY000520.D

Acq: 01 Nov 2019 12:27

Instrument :

MSVOA_Y

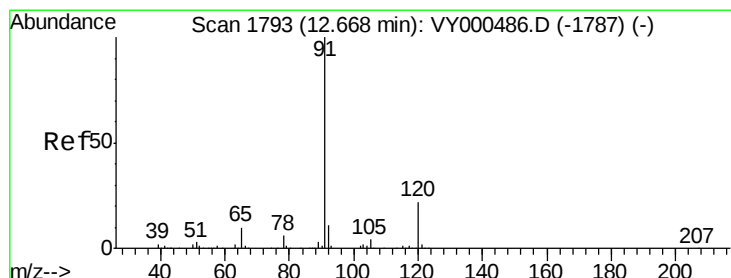
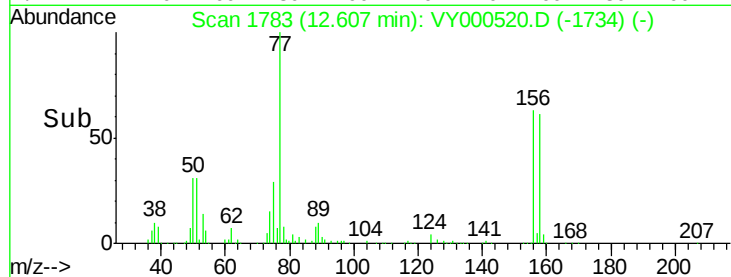
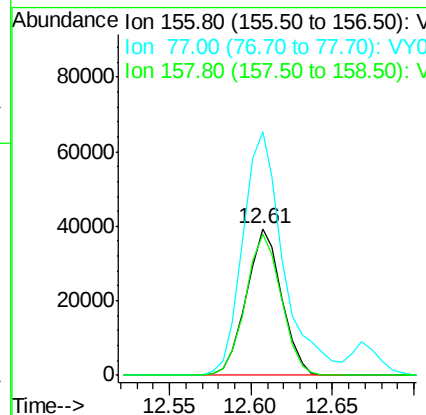
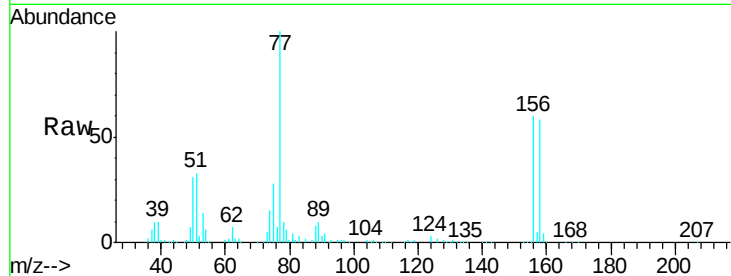
ClientSampleId :

VY1101SBSD01

Tgt Ion	Ratio	Lower	Upper
156	100		
77	192.2	98.2	294.4
158	97.2	49.6	149.0

Manual Integrations
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#78

n-propylbenzene

Concen: 20.333 ug/l

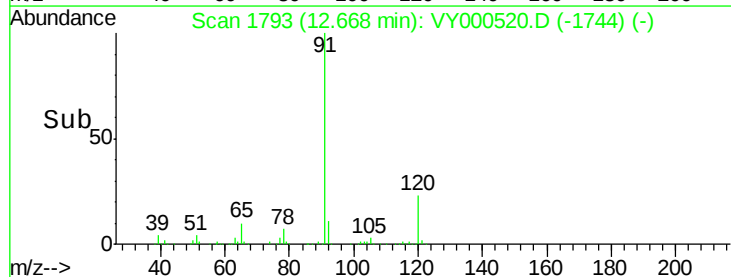
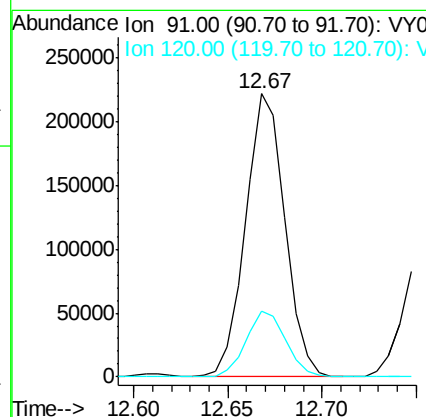
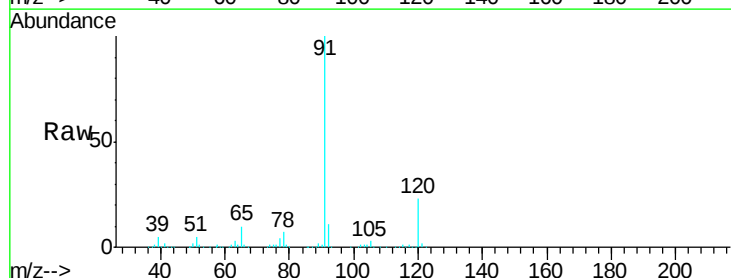
RT: 12.67 min Scan# 1793

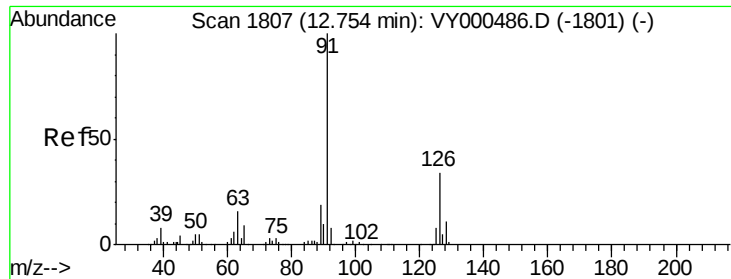
Delta R.T. -0.00 min

Lab File: VY000520.D

Acq: 01 Nov 2019 12:27

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.3	11.4	34.1





#79

2-Chlorotoluene

Concen: 20.026 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. -0.00 min

Lab File: VY000520.D

Acq: 01 Nov 2019 12:27

Instrument :

MSVOA_Y

ClientSampleId :

VY1101SBSD01

Tgt Ion: 91 Resp: 175122

Ion Ratio Lower Upper

91 100

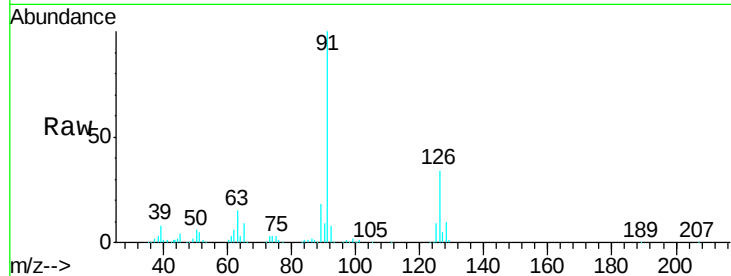
126 34.3 17.7 53.1

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Abundance Ion 91.00 (90.70 to 91.70): VY000486.D (-1801) (-)

Ion 125.90 (125.60 to 126.60): VY000486.D (-1801) (-)

200000

150000

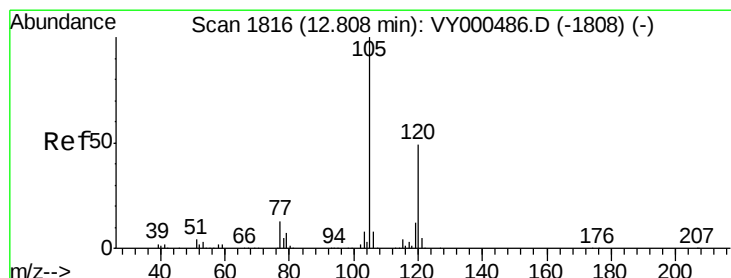
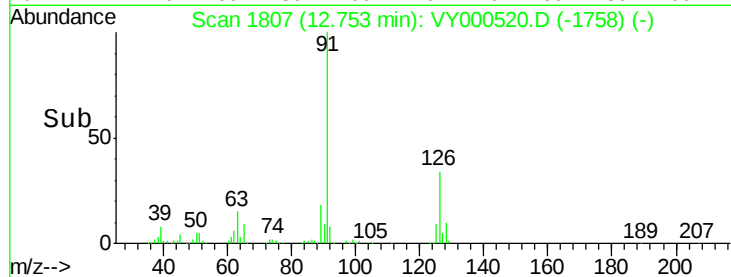
100000

50000

0

12.70 12.75 12.80

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 20.216 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VY000520.D

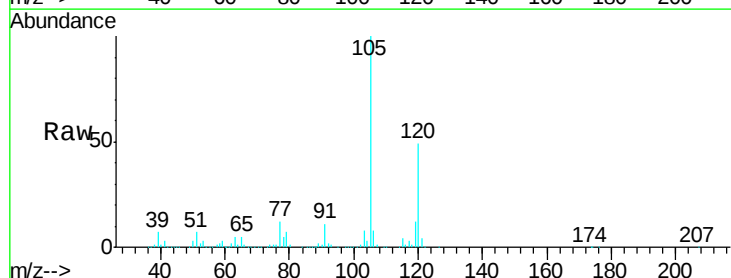
Acq: 01 Nov 2019 12:27

Tgt Ion: 105 Resp: 219799

Ion Ratio Lower Upper

105 100

120 49.8 24.9 74.8



Abundance Ion 105.00 (104.70 to 105.70): VY000486.D (-1808) (-)

Ion 120.00 (119.70 to 120.70): VY000486.D (-1808) (-)

150000

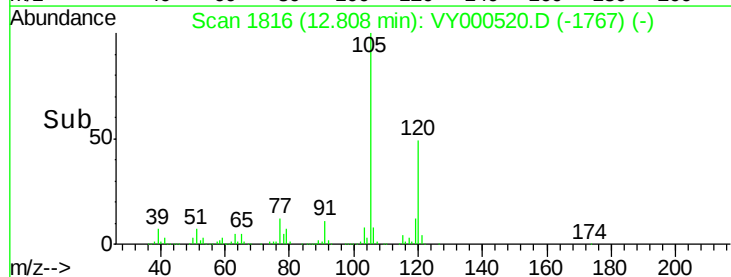
100000

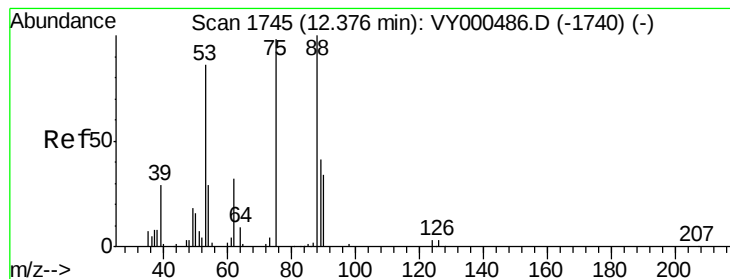
50000

0

12.75 12.80 12.85

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 18.522 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. 0.01 min

Lab File: VY000520.D

Acq: 01 Nov 2019 12:27

Instrument :

MSVOA_Y

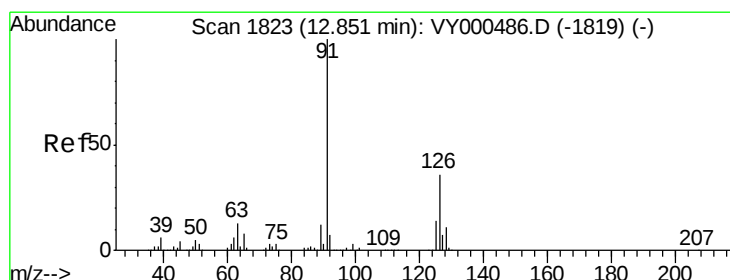
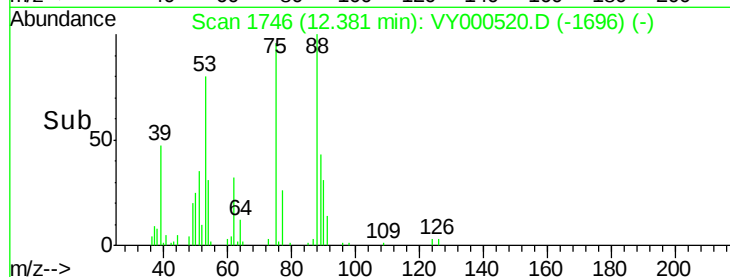
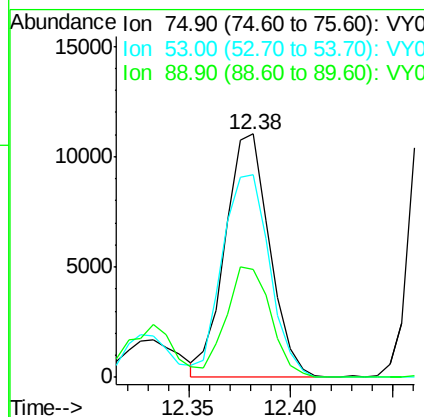
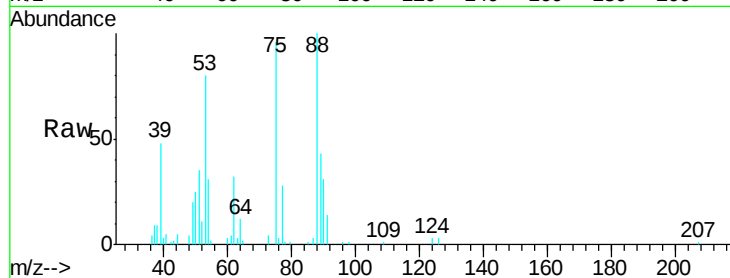
ClientSampleId :

VY1101SBSD01

Tgt Ion:	75	Resp:	16614
Ion	Ratio	Lower	Upper
75	100		
53	88.8	73.2	109.8
89	45.2	35.9	53.9

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#82

4-Chlorotoluene

Concen: 20.013 ug/l

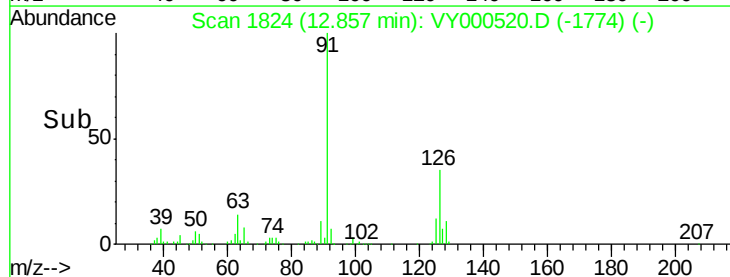
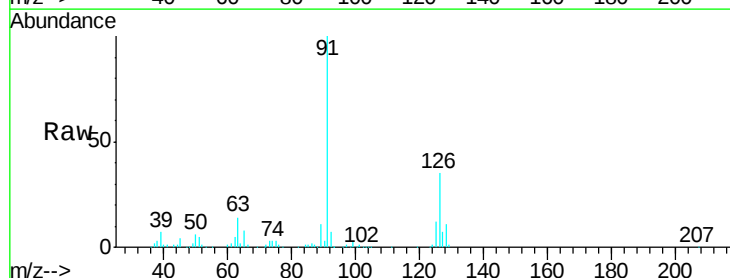
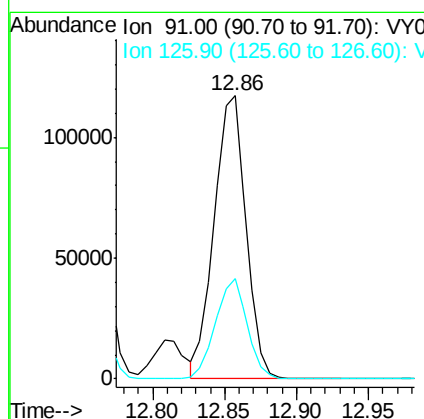
RT: 12.86 min Scan# 1824

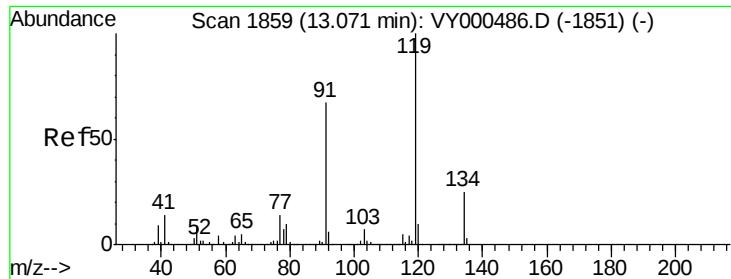
Delta R.T. 0.01 min

Lab File: VY000520.D

Acq: 01 Nov 2019 12:27

Tgt Ion:	91	Resp:	181406
Ion	Ratio	Lower	Upper
91	100		
126	35.2	17.6	52.9





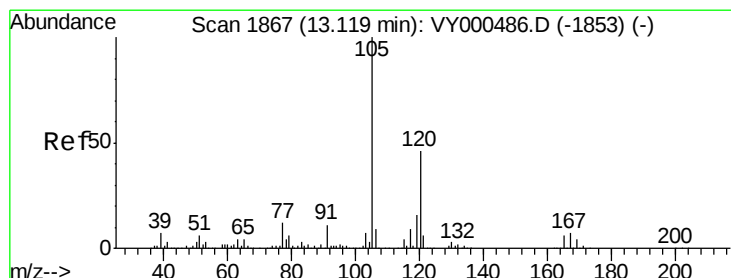
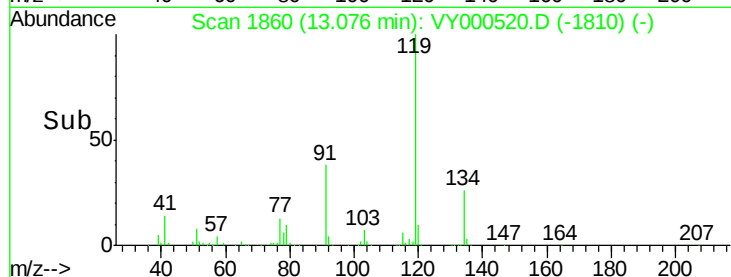
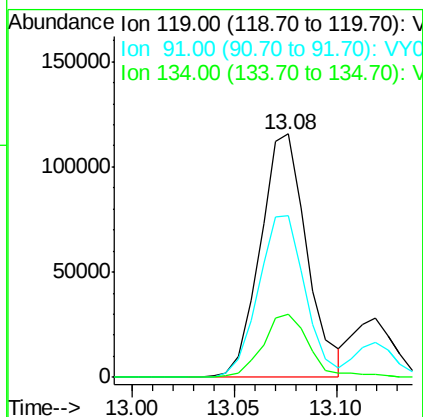
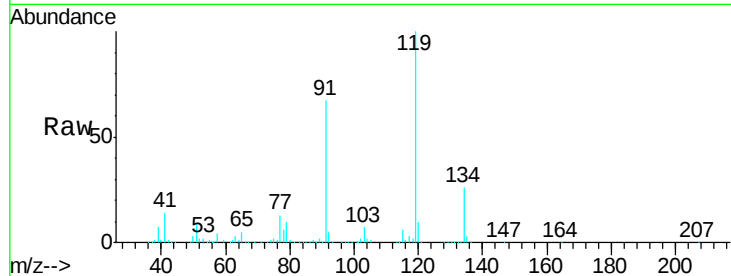
#83
 tert-Butylbenzene
 Concen: 19.837 ug/l
 RT: 13.08 min Scan# 1860
 Delta R.T. 0.01 min
 Lab File: VY000520.D
 Acq: 01 Nov 2019 12:27

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1101SBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	184151		
91	66.6	32.1	96.3	
134	26.3	13.2	39.5	

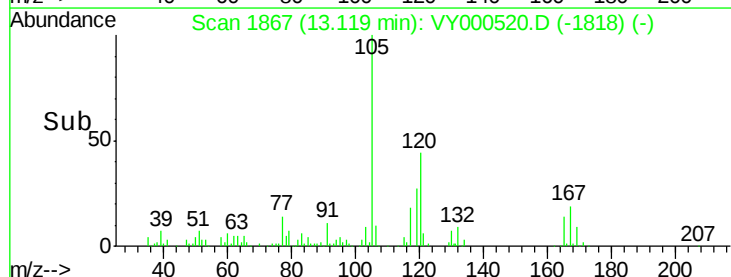
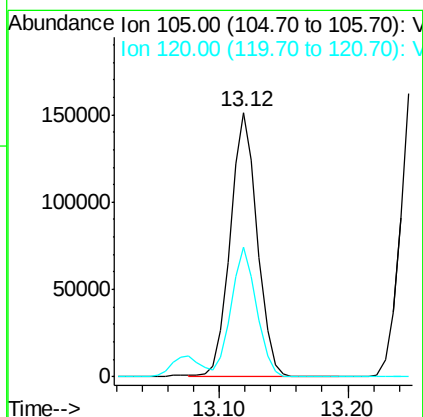
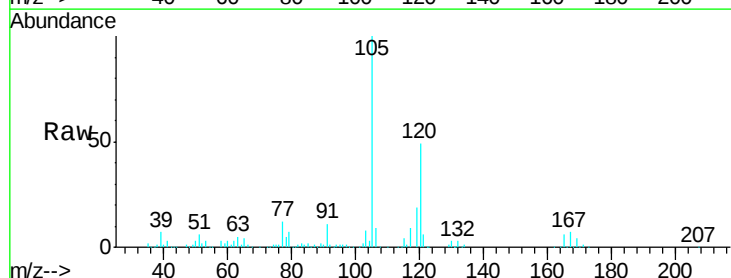
Manual Integrations
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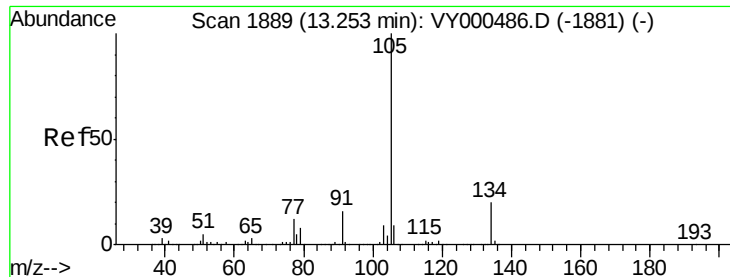
MMDadoda
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#84
 1,2,4-Trimethylbenzene
 Concen: 20.341 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VY000520.D
 Acq: 01 Nov 2019 12:27

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	220194		
120	46.4	23.3	69.9	





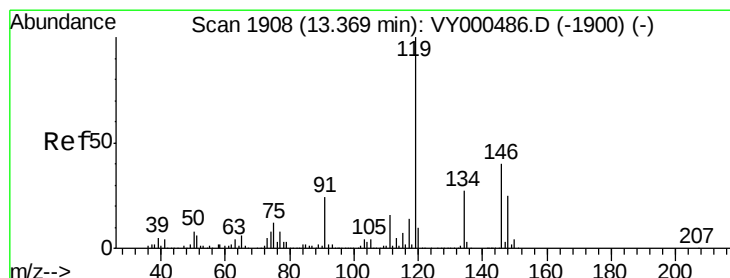
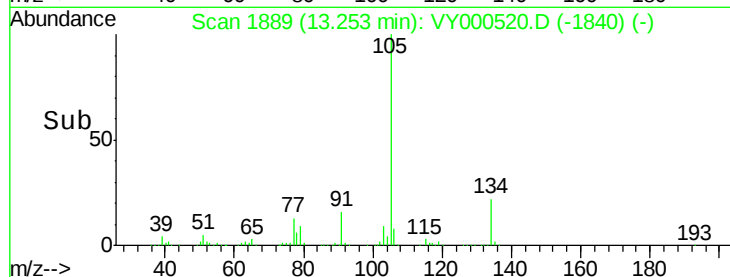
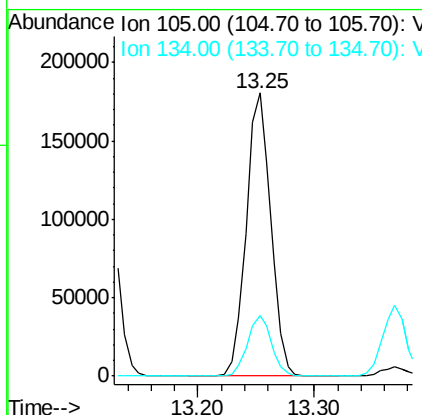
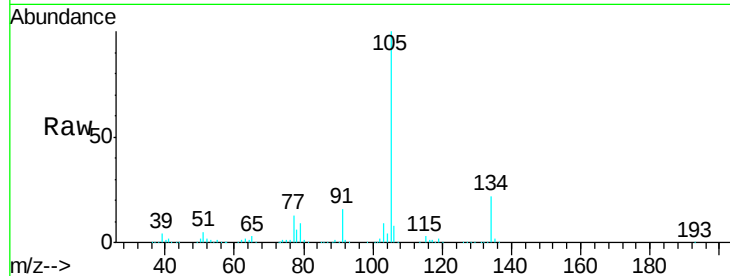
#85
 sec-Butylbenzene
 Concen: 20.080 ug/l
 RT: 13.25 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VY000520.D
 Acq: 01 Nov 2019 12:27

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1101SBSD01

Tgt Ion:105 Resp: 265577
 Ion Ratio Lower Upper
 105 100
 134 21.1 10.1 30.1

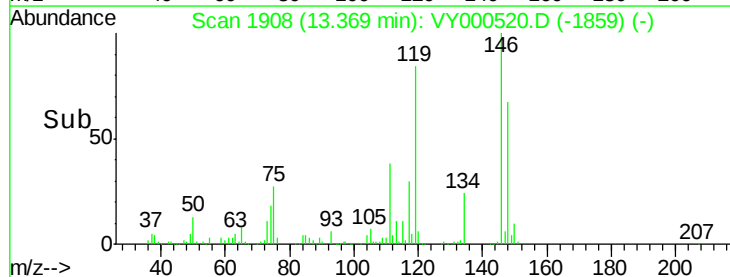
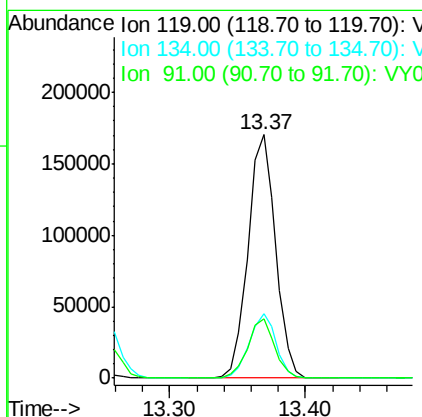
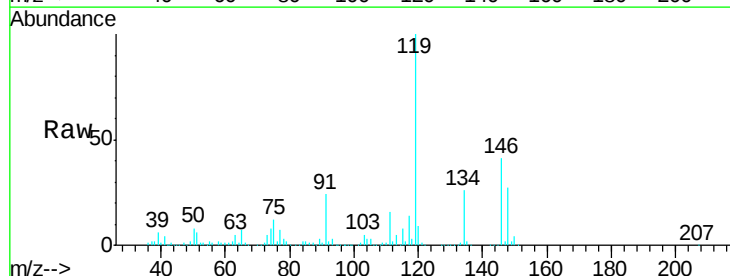
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#86
 p-Isopropyltoluene
 Concen: 20.463 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. -0.00 min
 Lab File: VY000520.D
 Acq: 01 Nov 2019 12:27

Tgt Ion:119 Resp: 241217
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.6 40.8
 91 24.0 12.0 36.1





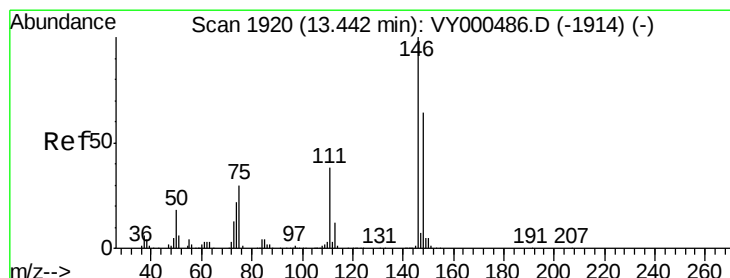
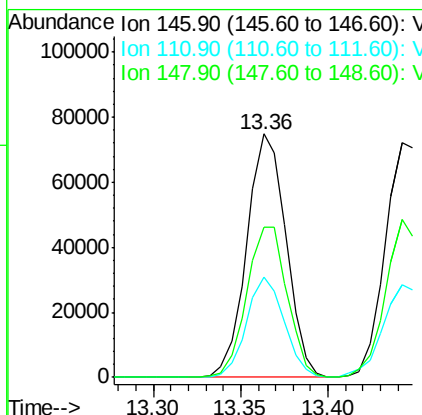
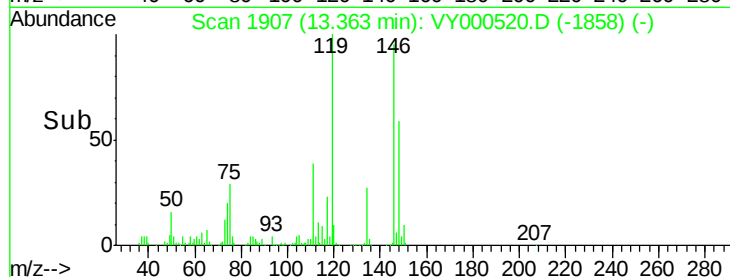
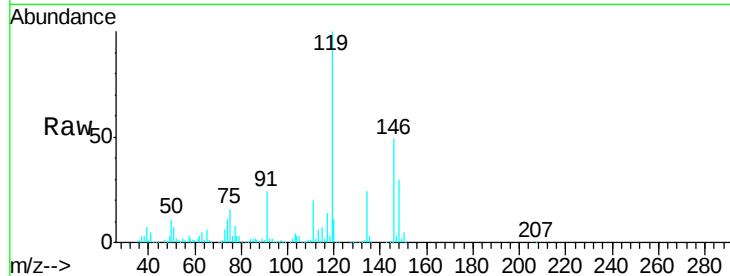
#87
 1,3-Dichlorobenzene
 Concen: 20.174 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VY000520.D
 Acq: 01 Nov 2019 12:27

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1101SBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	116981		
111	39.5	20.3	60.8	
148	63.5	31.5	94.5	

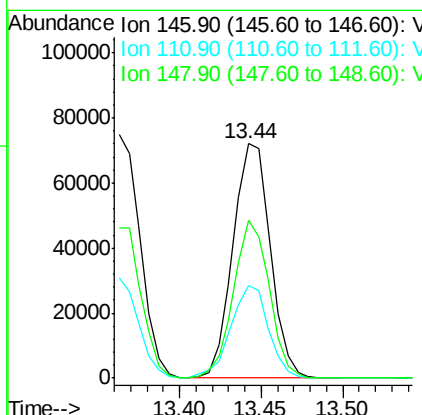
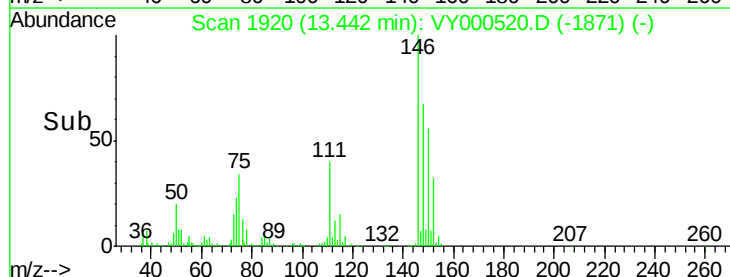
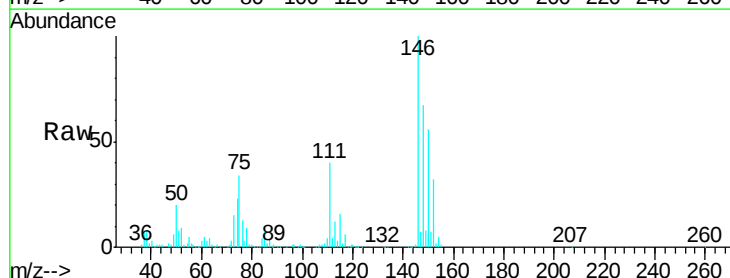
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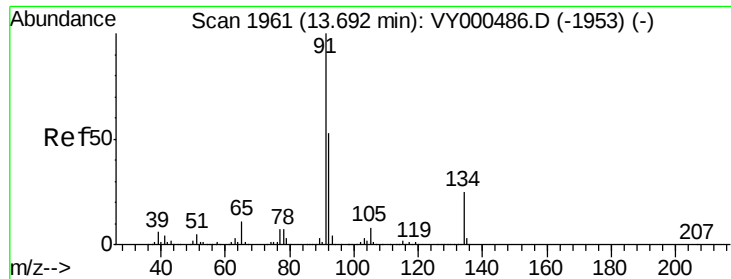
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#88
 1,4-Dichlorobenzene
 Concen: 19.883 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. -0.00 min
 Lab File: VY000520.D
 Acq: 01 Nov 2019 12:27

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	115207		
111	40.1	19.7	59.0	
148	64.6	31.9	95.7	





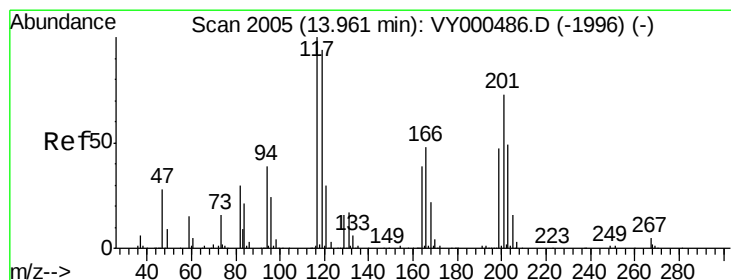
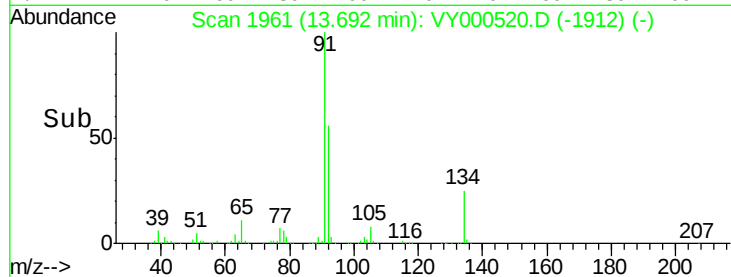
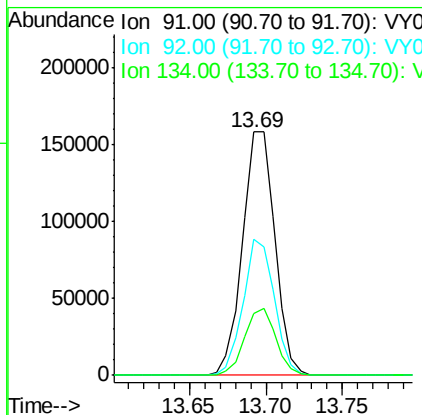
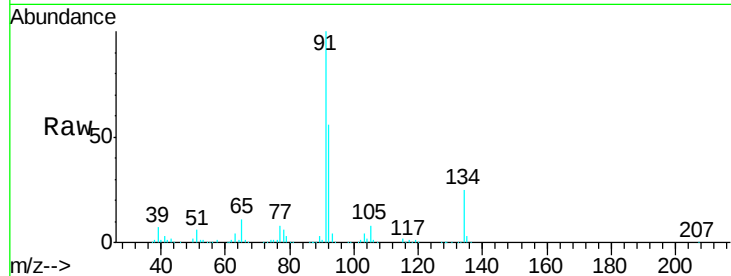
#89
n-Butylbenzene
Concen: 20.065 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. -0.00 min
Lab File: VY000520.D
Acq: 01 Nov 2019 12:27

Instrument :
MSVOA_Y
ClientSampleId :
VY1101SBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	233286		
92	53.9	26.8	80.3	
134	26.6	12.9	38.7	

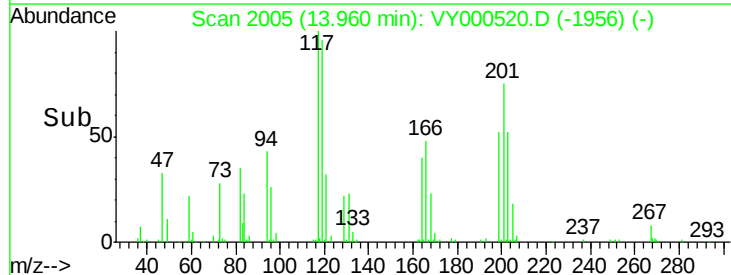
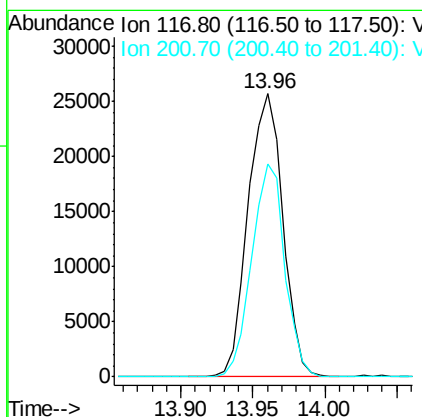
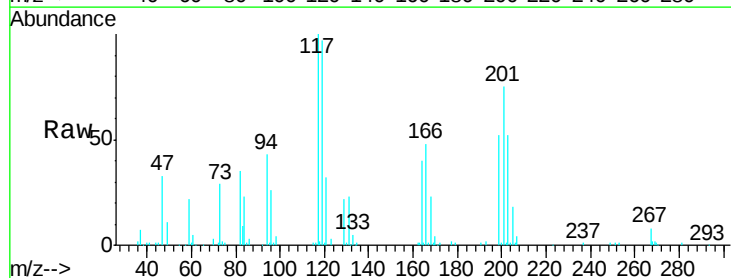
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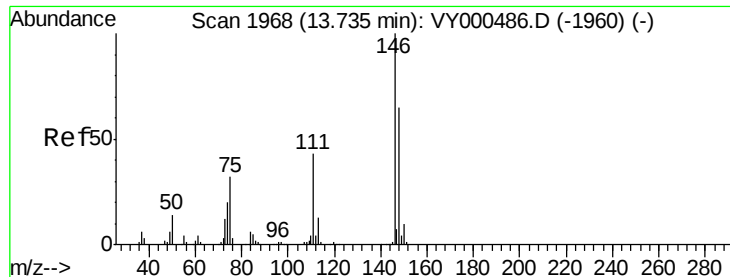
MMDadoda
11/4/2019 3:40:27 PM



#90
Hexachloroethane
Concen: 19.616 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.00 min
Lab File: VY000520.D
Acq: 01 Nov 2019 12:27

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	42748		
201	71.6	35.8	107.3	





#91

1,2-Dichlorobenzene

Concen: 20.496 ug/l

RT: 13.74 min Scan# 1969

Delta R.T. 0.01 min

Lab File: VY000520.D

Acq: 01 Nov 2019 12:27

Instrument :

MSVOA_Y

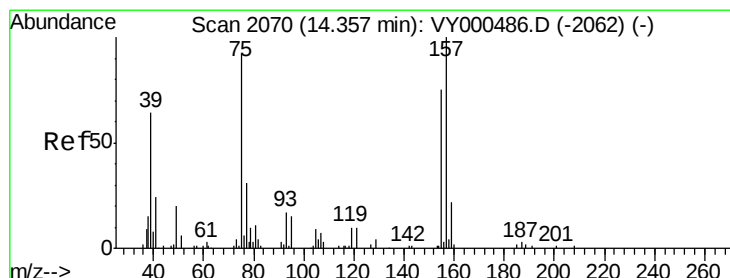
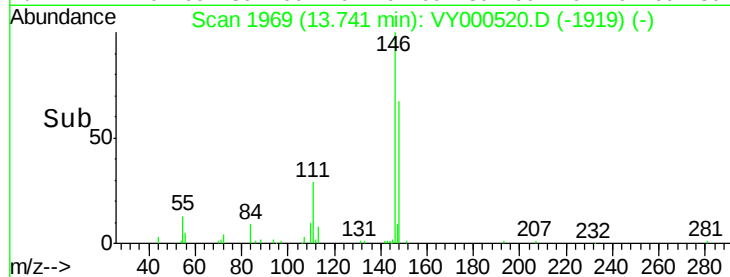
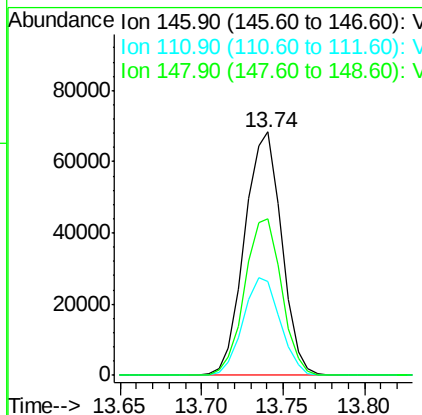
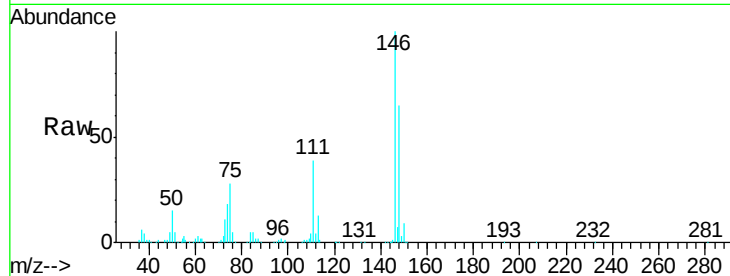
ClientSampleId :

VY1101SBSD01

Tgt Ion:	146	Resp:	107830
Ion Ratio	Lower	Upper	
146	100		
111	40.6	20.5	61.5
148	64.4	31.7	95.1

Manual Integrations
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11/4/2019 3:40:27 PM



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.604 ug/l

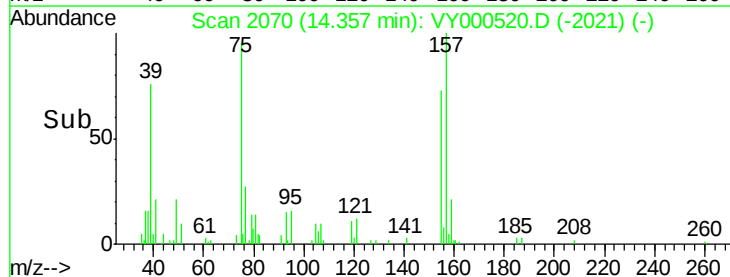
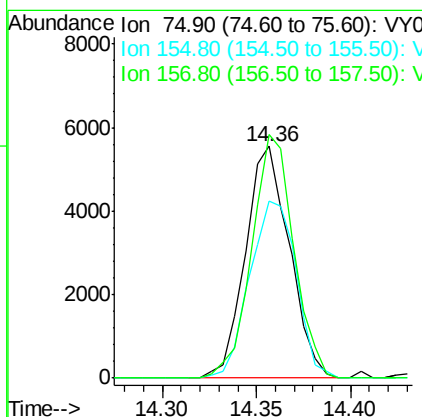
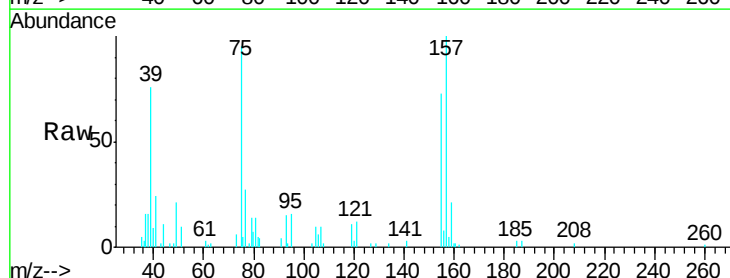
RT: 14.36 min Scan# 2070

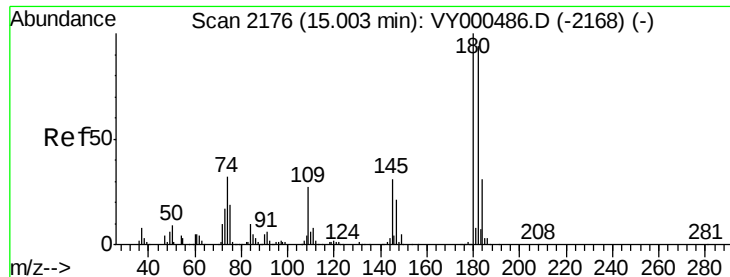
Delta R.T. -0.00 min

Lab File: VY000520.D

Acq: 01 Nov 2019 12:27

Tgt Ion:	75	Resp:	8968
Ion Ratio	Lower	Upper	
75	100		
155	80.8	42.4	127.1
157	100.4	55.1	165.3





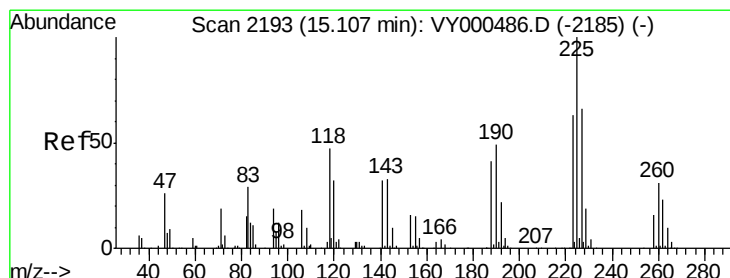
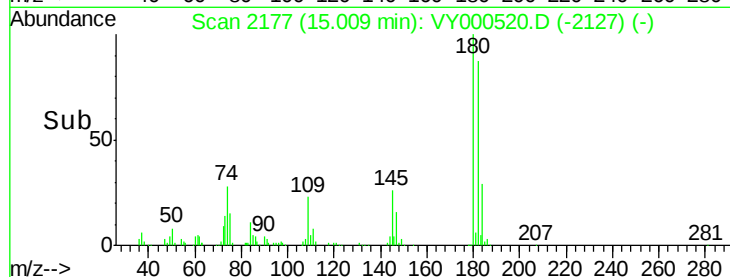
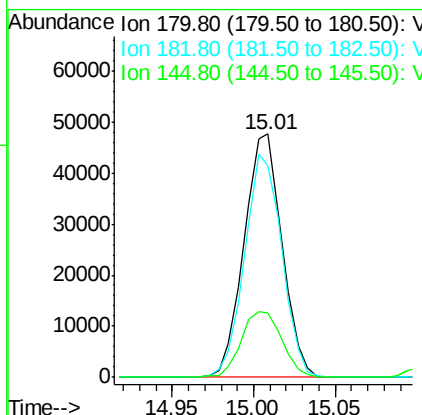
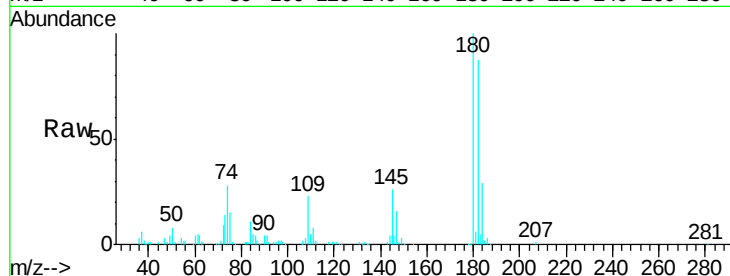
#93
1,2,4-Trichlorobenzene
Concen: 21.557 ug/l
RT: 15.01 min Scan# 2177
Delta R.T. 0.01 min
Lab File: VY000520.D
Acq: 01 Nov 2019 12:27

Instrument :
MSVOA_Y
ClientSampleId :
VY1101SBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	77223		
182	90.2	47.8	143.4	
145	28.8	16.0	47.9	

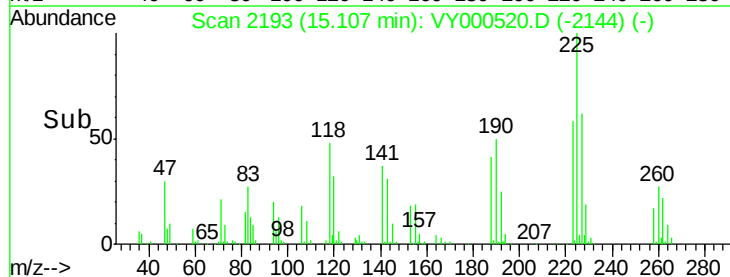
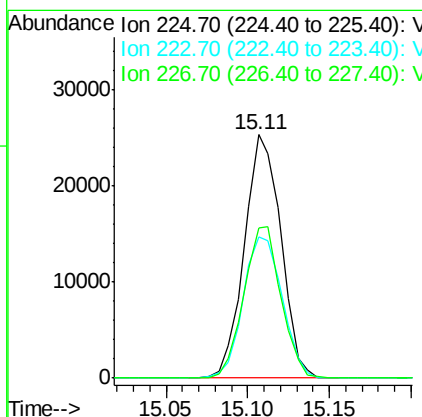
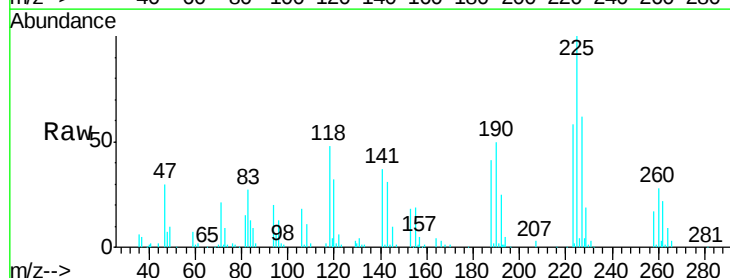
Manual Integrations
APPROVED

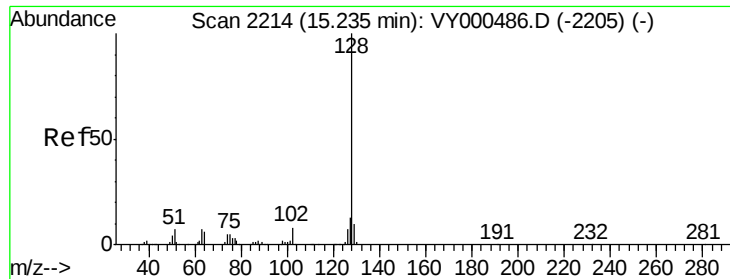
MMDadoda
11/4/2019 3:40:27 PM



#94
Hexachlorobutadiene
Concen: 21.384 ug/l
RT: 15.11 min Scan# 2193
Delta R.T. -0.00 min
Lab File: VY000520.D
Acq: 01 Nov 2019 12:27

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	39487		
223	62.2	31.3	93.8	
227	63.3	32.4	97.0	





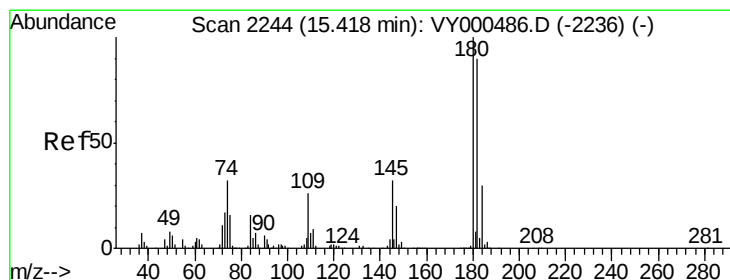
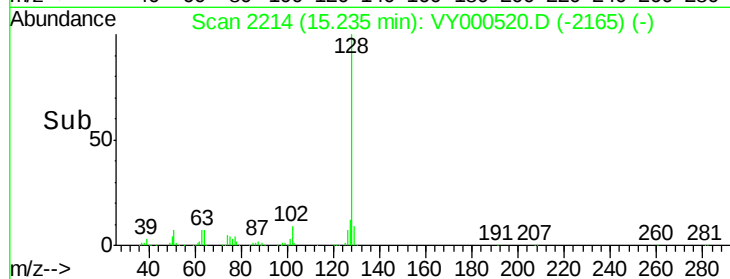
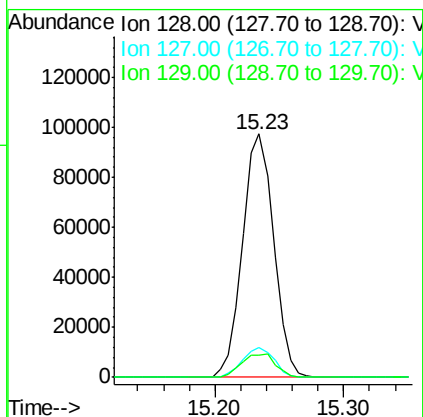
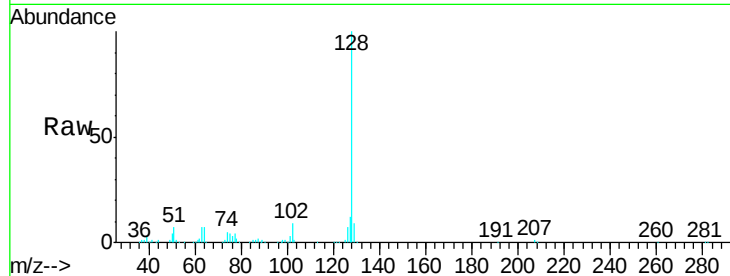
#95
Naphthalene
Concen: 20.433 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VY000520.D
Acq: 01 Nov 2019 12:27

Instrument :
MSVOA_Y
ClientSampleId :
VY1101SBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	162490		
127	12.5	9.8	14.6	
129	10.6	8.7	13.1	

Manual Integrations
APPROVED

MMDadoda
11/4/2019 3:40:27 PM



#96
1,2,3-Trichlorobenzene
Concen: 20.819 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. 0.01 min
Lab File: VY000520.D
Acq: 01 Nov 2019 12:27

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	66909		
182	95.4	47.4	142.3	
145	31.8	15.7	47.0	

