

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY112019\
 Data File : VY000747.D
 Acq On : 20 Nov 2019 12:02
 Operator : SY/MD
 Sample : VY1120SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1120SBS01

Manual Integrations
 APPROVED

MMDadoda
 11/22/2019 12:53:12 AM

Quant Time: Nov 21 07:51:01 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	220322	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	360975	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	327382	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	159034	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.14	65	114461	50.20	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.40%	
35) Dibromofluoromethane	7.72	113	102590	48.41	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	96.82%	
50) Toluene-d8	10.18	98	417033	51.86	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	103.72%	
62) 4-Bromofluorobenzene	12.48	95	147649	48.23	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	96.46%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.90	85	37940	17.493	ug/l	98
3) Chloromethane	2.11	50	54648	18.291	ug/l	98
4) Vinyl Chloride	2.25	62	53743	19.371	ug/l	98
5) Bromomethane	2.65	94	38338	23.043	ug/l	98
6) Chloroethane	2.79	64	36270	20.888	ug/l	99
7) Trichlorofluoromethane	3.13	101	78751	21.018	ug/l	95
8) Diethyl Ether	3.53	74	25977	19.512	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	3.90	101	47339	20.898	ug/l	97
10) Methyl Iodide	4.09	142	50925	19.186	ug/l	98
11) Tert butyl alcohol	4.96	59	20080	90.472	ug/l	94
12) 1,1-Dichloroethene	3.87	96	44183	20.076	ug/l	100
13) Acrolein	3.74	56	12965	67.062	ug/l	97
14) Allyl chloride	4.48	41	74724	20.881	ug/l	98
15) Acrylonitrile	5.17	53	70269	103.033	ug/l	98
16) Acetone	3.96	43	55031	87.572	ug/l	100
17) Carbon Disulfide	4.19	76	131023	18.876	ug/l	100
18) Methyl Acetate	4.47	43	35336	18.085	ug/l	99
19) Methyl tert-butyl Ether	5.23	73	120295	19.659	ug/l	98
20) Methylene Chloride	4.71	84	53309	19.798	ug/l	93
21) trans-1,2-Dichloroethene	5.22	96	50932	20.471	ug/l	95
22) Diisopropyl ether	6.12	45	166396	21.393	ug/l	97
23) Vinyl Acetate	6.07	43	521700	106.252	ug/l	100
24) 1,1-Dichloroethane	6.02	63	87486	20.762	ug/l	97
25) 2-Butanone	6.99	43	93518	93.248	ug/l	97
26) 2,2-Dichloropropane	6.99	77	78696	20.436	ug/l	97
27) cis-1,2-Dichloroethene	6.99	96	56871	20.904	ug/l	98
28) Bromochloromethane	7.34	49	21850	14.532	ug/l	94
29) Tetrahydrofuran	7.35	42	62255	101.469	ug/l	98
30) Chloroform	7.51	83	92357	21.666	ug/l	98
31) Cyclohexane	7.79	56	88128	19.968	ug/l	96
32) 1,1,1-Trichloroethane	7.71	97	77632	20.435	ug/l	99
36) 1,1-Dichloropropene	7.93	75	71502	20.953	ug/l	99
37) Ethyl Acetate	7.08	43	43930	21.683	ug/l	99
38) Carbon Tetrachloride	7.90	117	69807	21.259	ug/l	93

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	91204	20.687	ug/l	97
40) Benzene	8.17	78	209915	20.982	ug/l	97
41) Methacrylonitrile	7.34	41	30185m	26.707	ug/l	
42) 1,2-Dichloroethane	8.24	62	59597	21.003	ug/l	100
43) Isopropyl Acetate	8.28	43	78772	20.698	ug/l	99
44) Trichloroethene	8.95	130	54817	20.781	ug/l	87
45) 1,2-Dichloropropane	9.22	63	52995	21.522	ug/l	96
46) Dibromomethane	9.31	93	29675	21.914	ug/l	93
47) Bromodichloromethane	9.50	83	67141	20.895	ug/l	97
48) Methyl methacrylate	9.30	41	35482	21.338	ug/l	95
49) 1,4-Dioxane	9.31	88	7371	404.438	ug/l	98
51) 4-Methyl-2-Pentanone	10.07	43	211116	104.333	ug/l	99
52) Toluene	10.24	92	132256	20.909	ug/l	99
53) t-1,3-Dichloropropene	10.46	75	72258	21.046	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	79989	20.337	ug/l	93
55) 1,1,2-Trichloroethane	10.64	97	40495	20.675	ug/l	96
56) Ethyl methacrylate	10.51	69	58122	20.937	ug/l	98
57) 1,3-Dichloropropane	10.79	76	72668	21.198	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.78	63	134304	107.012	ug/l	98
59) 2-Hexanone	10.83	43	148529	100.746	ug/l	98
60) Dibromochloromethane	10.99	129	44478	19.825	ug/l	100
61) 1,2-Dibromoethane	11.09	107	39966	21.222	ug/l	99
64) Tetrachloroethene	10.72	164	57799	21.351	ug/l	98
65) Chlorobenzene	11.52	112	142034	21.398	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	48309	20.985	ug/l	99
67) Ethyl Benzene	11.59	91	258720	21.179	ug/l	99
68) m/p-Xylenes	11.70	106	193026	40.825	ug/l	95
69) o-Xylene	12.03	106	90284	20.318	ug/l	99
70) Styrene	12.04	104	157377	20.683	ug/l	98
71) Bromoform	12.21	173	26783	20.228	ug/l #	96
73) Isopropylbenzene	12.33	105	249559	21.232	ug/l	98
74) N-amyl acetate	12.14	43	70482	20.938	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.58	83	48519	20.848	ug/l	97
76) 1,2,3-Trichloropropane	12.63	75	36349m	20.073	ug/l	
77) Bromobenzene	12.61	156	57888	21.718	ug/l	95
78) n-propylbenzene	12.67	91	304929	21.501	ug/l	99
79) 2-Chlorotoluene	12.75	91	165017	20.959	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	209064	21.357	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	16901	20.927	ug/l	97
82) 4-Chlorotoluene	12.85	91	173746	21.289	ug/l	99
83) tert-Butylbenzene	13.07	119	177988	21.295	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	212519	21.804	ug/l	100
85) sec-Butylbenzene	13.25	105	259719	21.810	ug/l	98
86) p-Isopropyltoluene	13.37	119	226991	21.387	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	111018	21.265	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	111930	21.455	ug/l	100
89) n-Butylbenzene	13.69	91	230365	22.007	ug/l	98
90) Hexachloroethane	13.95	117	41355	21.077	ug/l	98
91) 1,2-Dichlorobenzene	13.73	146	104007	21.957	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	8388	20.365	ug/l	92

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ClientSampleId :
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QLast Update : Wed Oct 30 13:30:53 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	67434	20.908	ug/l	99
94) Hexachlorobutadiene	15.11	225	36408	21.899	ug/l	96
95) Naphthalene	15.23	128	150717	21.050	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	61089	21.112	ug/l	98

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

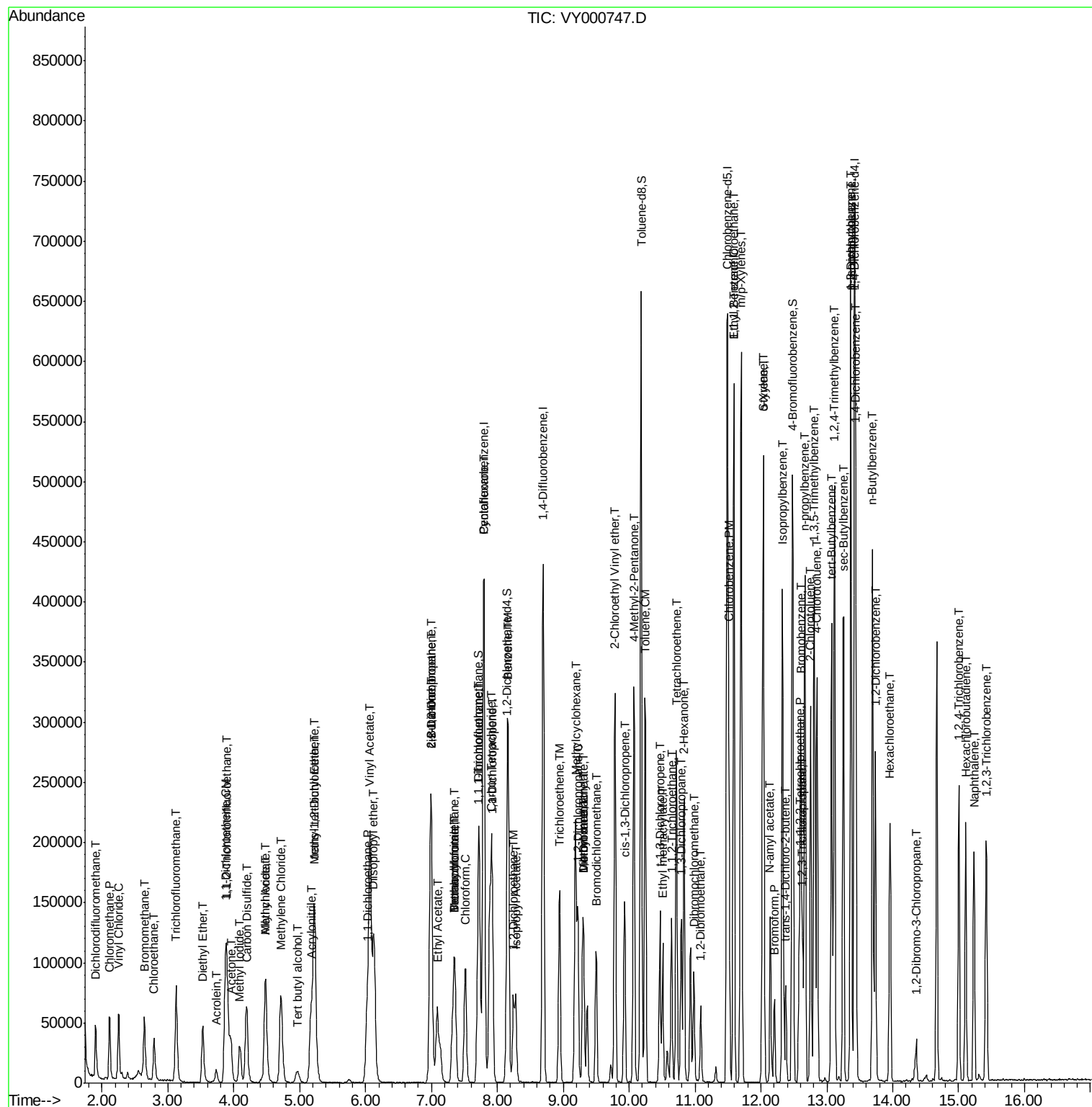
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 Data File : VY000747.D
 Acq On : 20 Nov 2019 12:02
 Operator : SY/MD
 Sample : VY1120SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

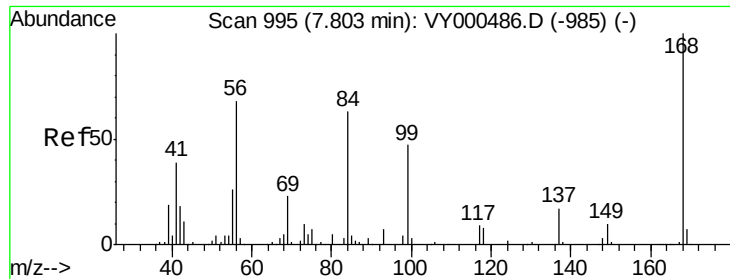
Instrument :
 MSVOA_Y
 Client Sample Id :
 VY1120SBS01

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY000747.D

Acq: 20 Nov 2019 12:02

Instrument :

MSVOA_Y

ClientSampleId :

VY1120SBS01

Tot Ion:168 Resp: 220322

Ion Ratio Lower Upper

168 100

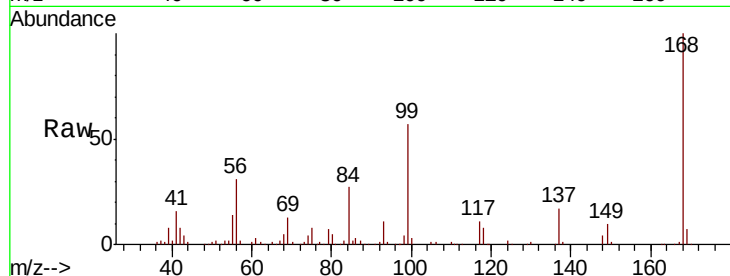
99 56.9 45.7 68.5

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

7.80

100000

80000

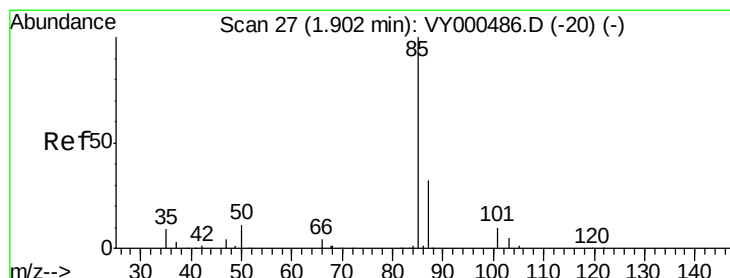
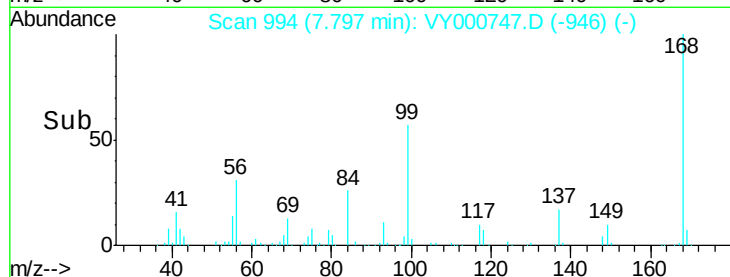
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 17.493 ug/l

RT: 1.90 min Scan# 27

Delta R.T. -0.00 min

Lab File: VY000747.D

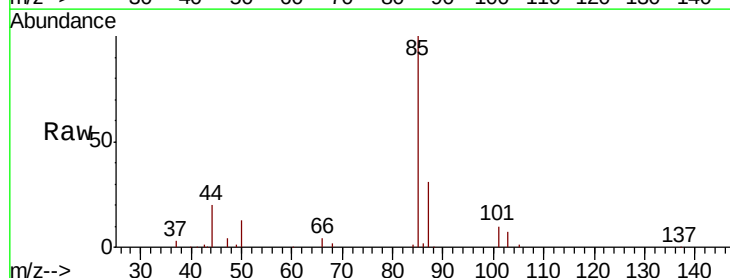
Acq: 20 Nov 2019 12:02

Tgt Ion: 85 Resp: 37940

Ion Ratio Lower Upper

85 100

87 30.7 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VY0

Ion 86.90 (86.60 to 87.60): VY0

1.90

25000

20000

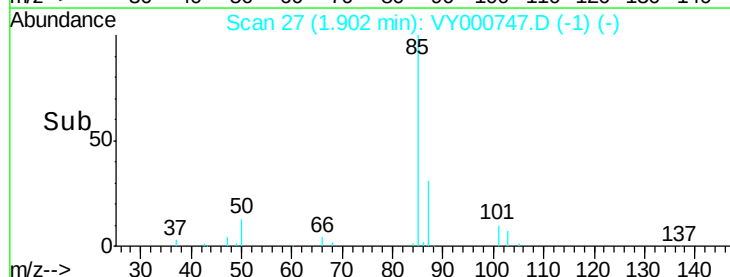
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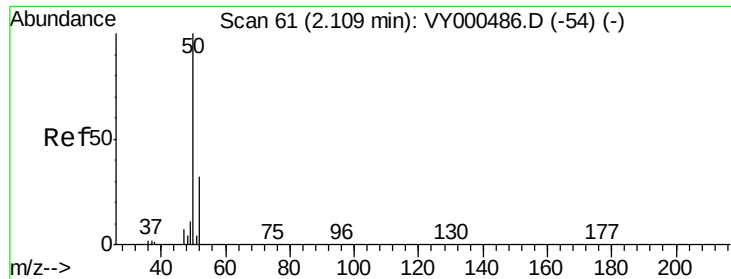
10000

5000

0

Time-->





#3

Chloromethane

Concen: 18.291 ug/l

RT: 2.11 min Scan# 61

Delta R.T. -0.00 min

Lab File: VY000747.D

Acq: 20 Nov 2019 12:02

Instrument :

MSVOA_Y

ClientSampleId :

VY1120SBS01

Tot Ion: 50 Resp: 54648

Ion Ratio Lower Upper

50 100

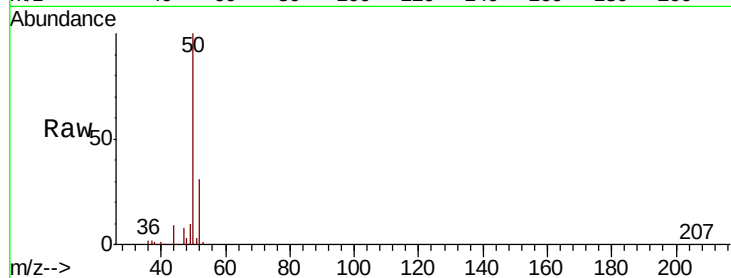
52 30.6 25.2 37.8

Manual Integrations

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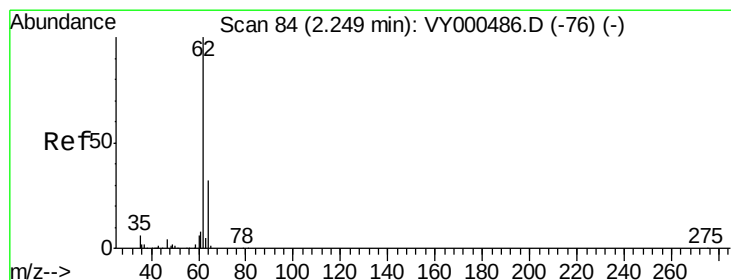
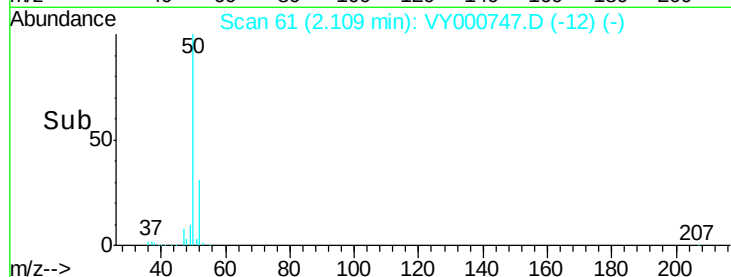
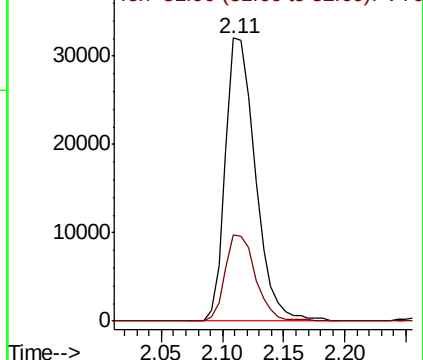
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Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 19.371 ug/l

RT: 2.25 min Scan# 84

Delta R.T. -0.00 min

Lab File: VY000747.D

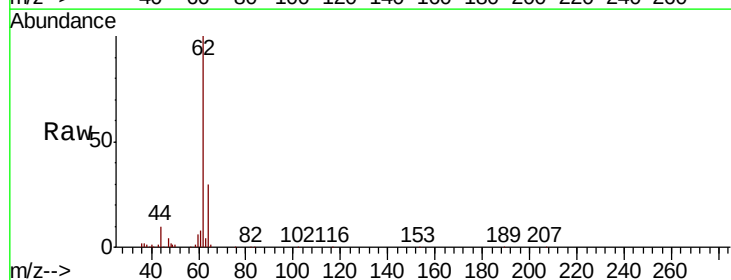
Acq: 20 Nov 2019 12:02

Tgt Ion: 62 Resp: 53743

Ion Ratio Lower Upper

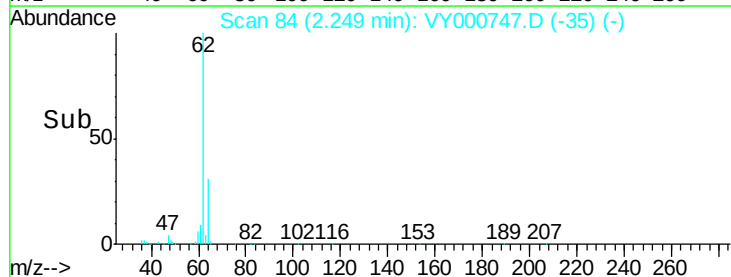
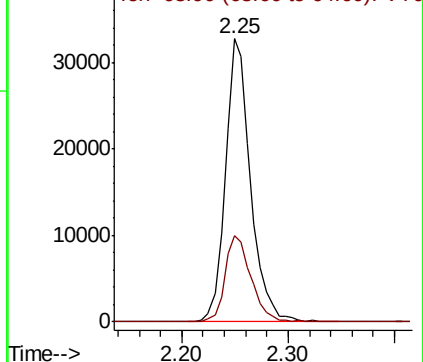
62 100

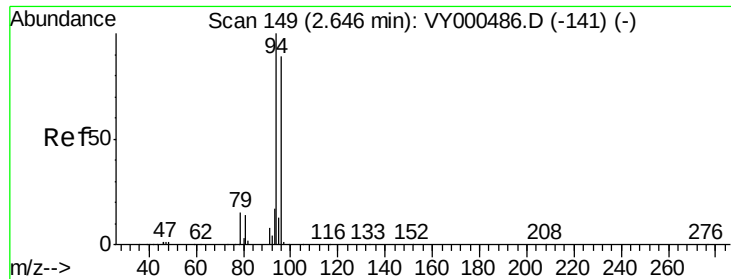
64 30.5 25.2 37.8



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 23.043 ug/l

RT: 2.65 min Scan# 149

Delta R.T. -0.00 min

Lab File: VY000747.D

Acq: 20 Nov 2019 12:02

Instrument :

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VY1120SBS01

Tot Ion: 94 Resp: 38338

Ion Ratio Lower Upper

94 100

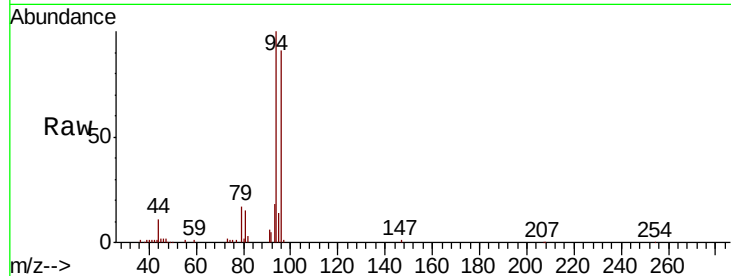
96 90.8 71.2 106.8

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0

2.65

20000

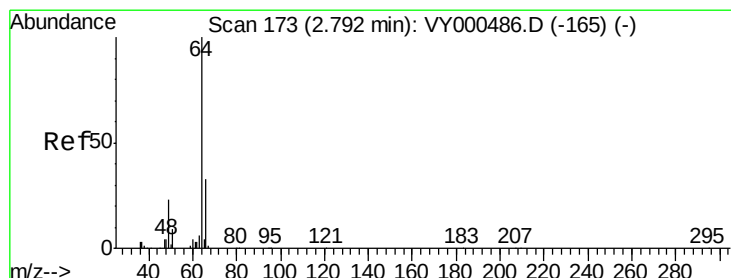
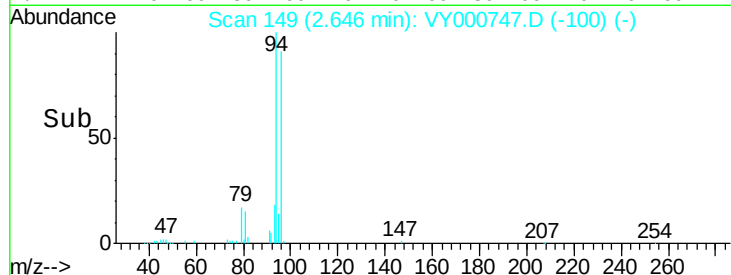
15000

10000

5000

0

Time--> 2.50 2.60 2.70 2.80



#6

Chloroethane

Concen: 20.888 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.00 min

Lab File: VY000747.D

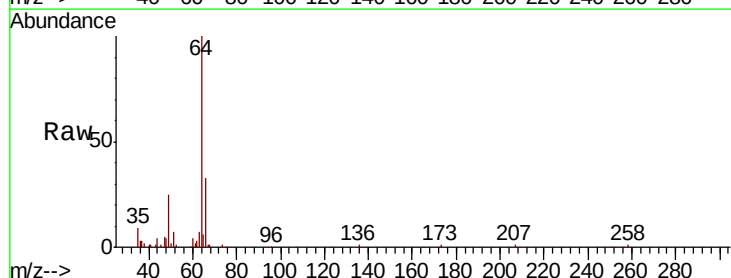
Acq: 20 Nov 2019 12:02

Tgt Ion: 64 Resp: 36270

Ion Ratio Lower Upper

64 100

66 32.6 26.6 40.0



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0

2.79

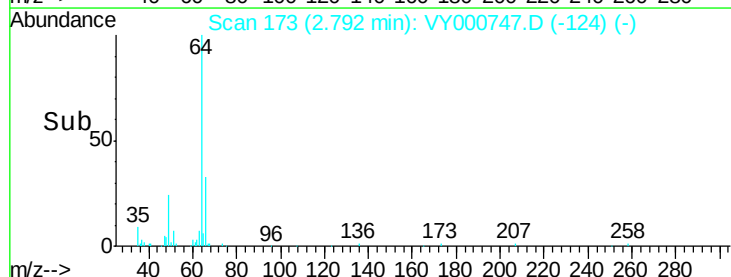
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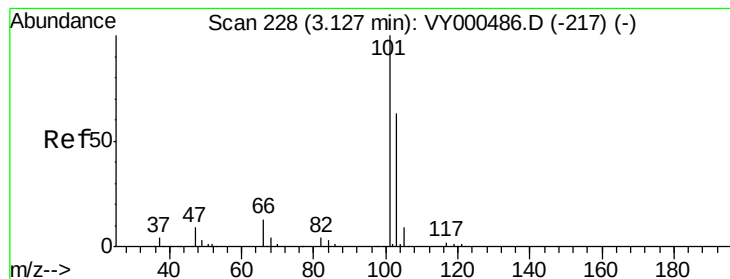
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5000

0

Time--> 2.70 2.80 2.90





#7

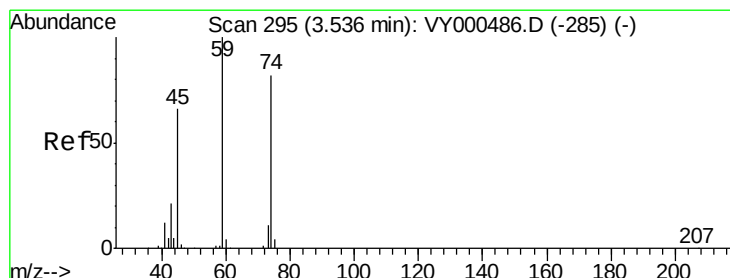
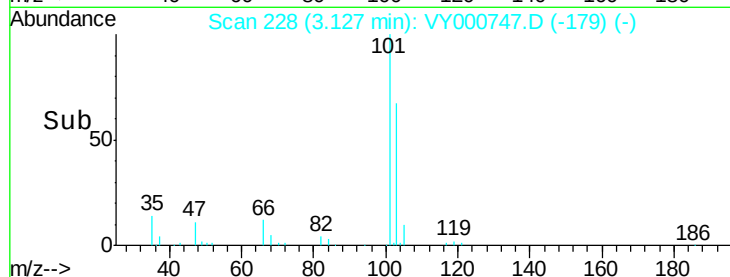
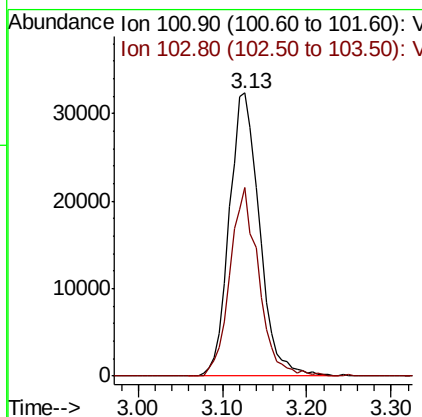
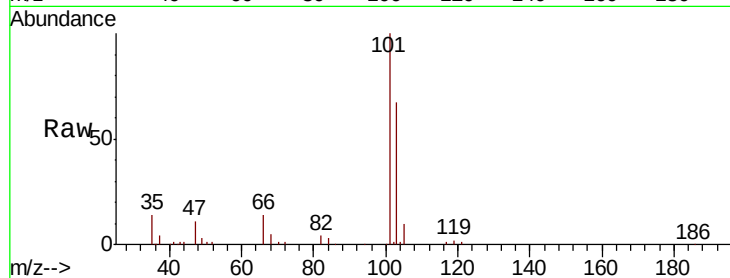
Trichlorofluoromethane
Concen: 21.018 ug/l
RT: 3.13 min Scan# 228
Delta R.T. -0.00 min
Lab File: VY000747.D
Acq: 20 Nov 2019 12:02

Instrument :
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VY1120SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	66.6	50.5	75.7

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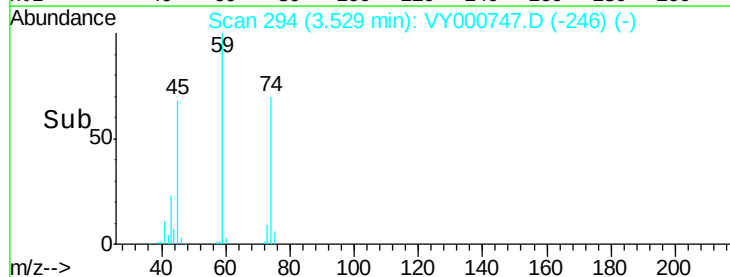
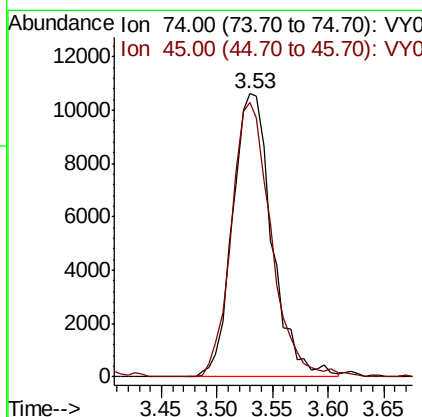
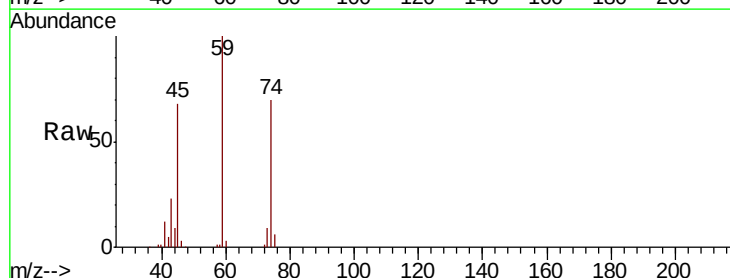
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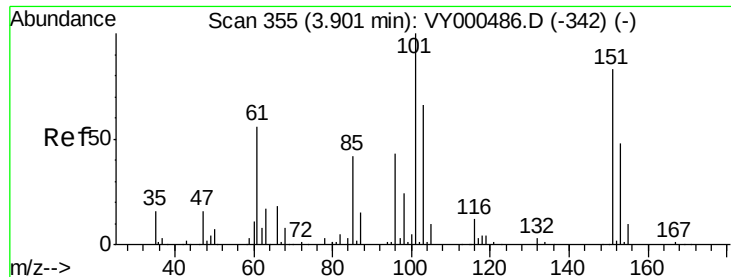


#8

Diethyl Ether
Concen: 19.512 ug/l
RT: 3.53 min Scan# 294
Delta R.T. -0.01 min
Lab File: VY000747.D
Acq: 20 Nov 2019 12:02

Tgt Ion	Ratio	Lower	Upper
74	100		
45	98.3	45.5	136.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.898 ug/l

RT: 3.90 min Scan# 354

Delta R.T. -0.01 min

Lab File: VY000747.D

Acq: 20 Nov 2019 12:02

Instrument :

MSVOA_Y

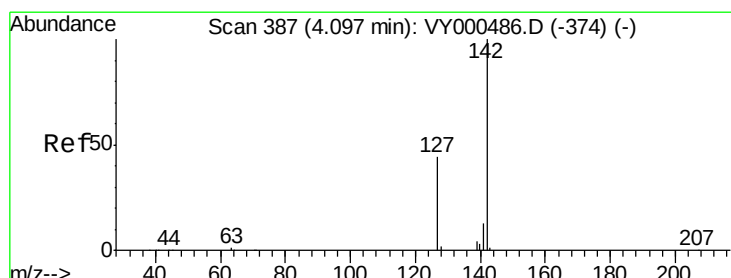
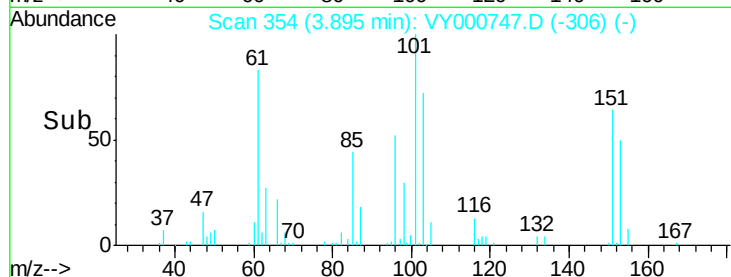
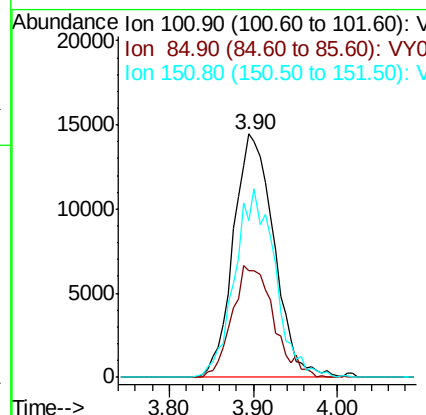
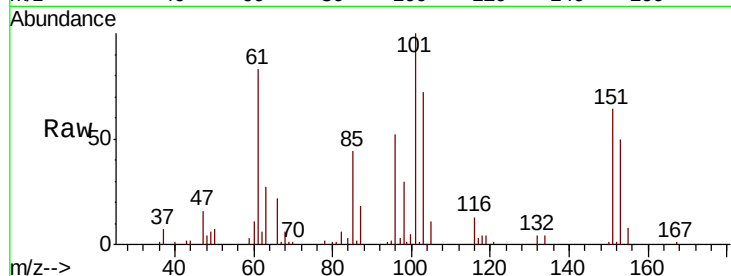
ClientSampleId :

VY1120SBS01

Tot Ion:	101	Resp:	47339
Ion Ratio	Lower	Upper	
101	100		
85	46.7	36.7	55.1
151	77.1	64.3	96.5

Manual Integrations
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#10

Methyl Iodide

Concen: 19.186 ug/l

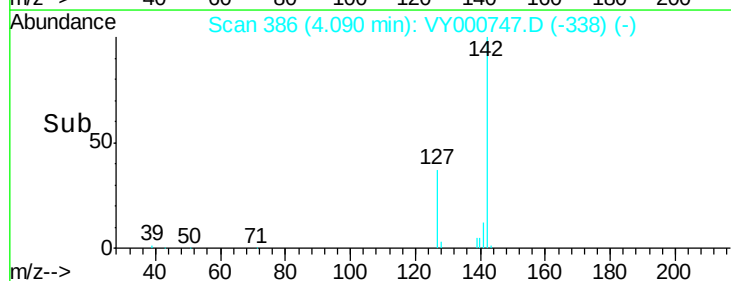
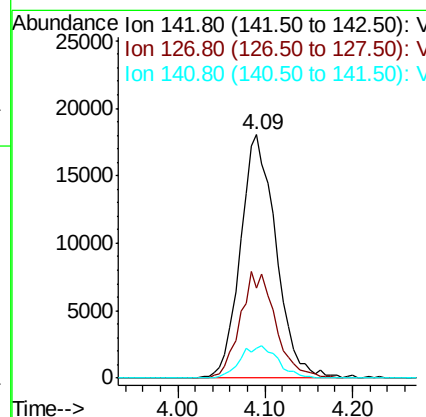
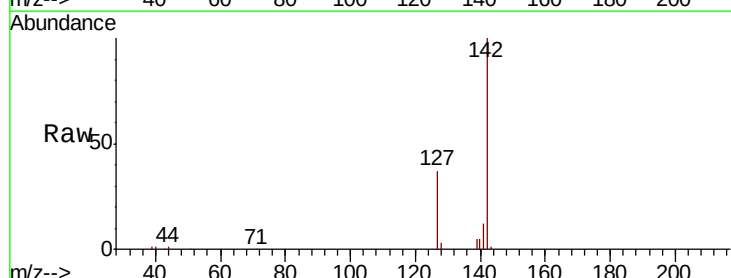
RT: 4.09 min Scan# 386

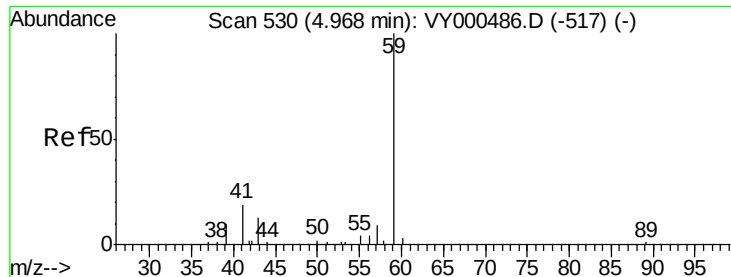
Delta R.T. -0.01 min

Lab File: VY000747.D

Acq: 20 Nov 2019 12:02

Tgt Ion:	142	Resp:	50925
Ion Ratio	Lower	Upper	
142	100		
127	43.4	33.7	50.5
141	14.2	10.9	16.3





#11

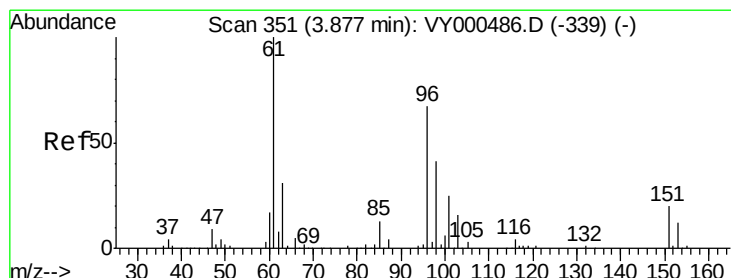
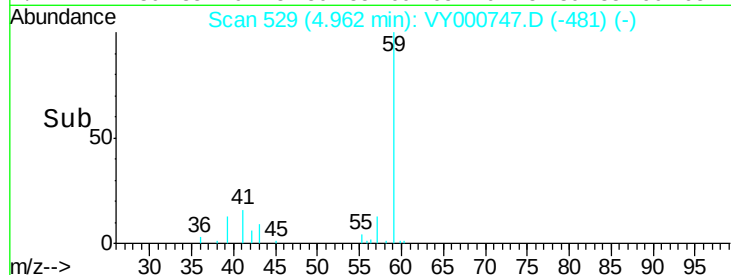
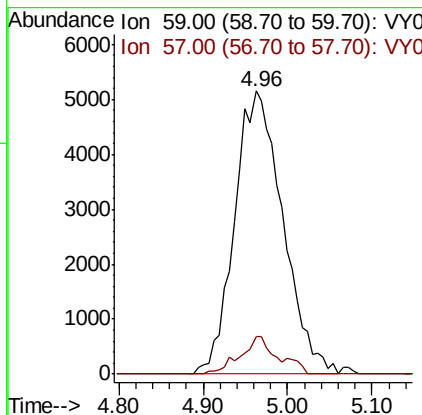
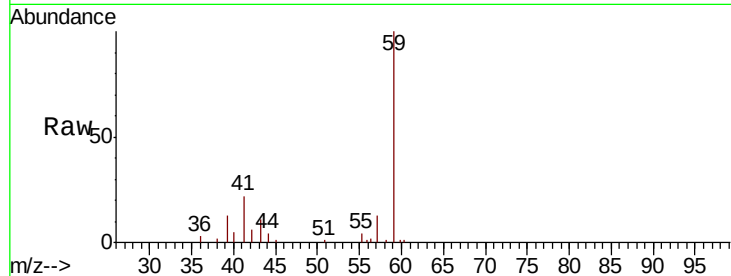
Tert butyl alcohol
Concen: 90.472 ug/l
RT: 4.96 min Scan# 529
Delta R.T. -0.01 min
Lab File: VY000747.D
Acq: 20 Nov 2019 12:02

Instrument :
MSVOA_Y
ClientSampleId :
VY1120SBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	8.6	8.6	12.8

Manual Integrations
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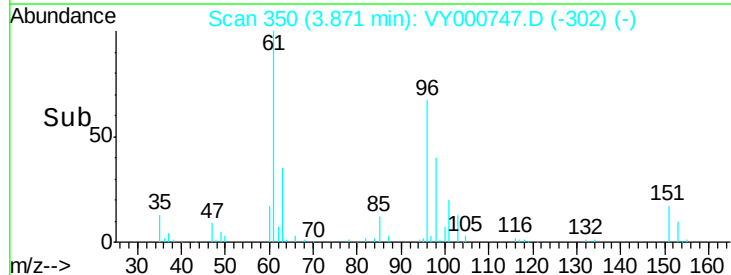
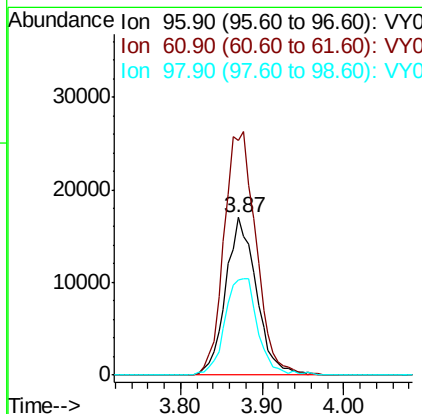
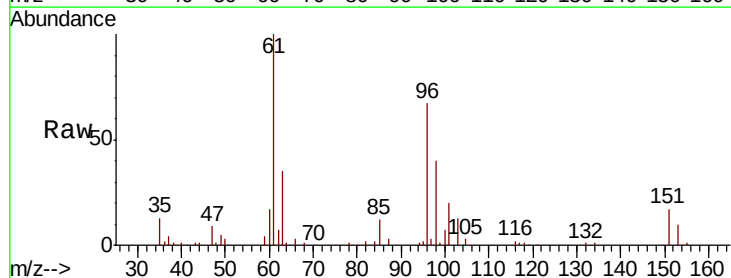
MMDadoda
11/22/2019 12:53:12 AM

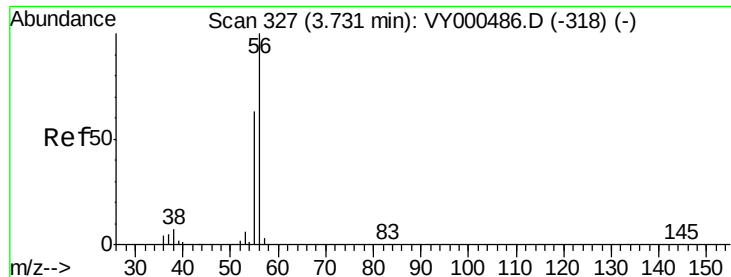


#12

1,1-Dichloroethene
Concen: 20.076 ug/l
RT: 3.87 min Scan# 350
Delta R.T. -0.01 min
Lab File: VY000747.D
Acq: 20 Nov 2019 12:02

Tgt Ion	Ratio	Lower	Upper
96	100		
61	149.2	119.2	178.8
98	60.1	48.6	73.0





#13

Acrolein

Concen: 67.062 ug/l

RT: 3.74 min Scan# 328

Delta R.T. 0.01 min

Lab File: VY000747.D

Acq: 20 Nov 2019 12:02

Instrument :

MSVOA_Y

ClientSampleId :

VY1120SBS01

Tot Ion: 56 Resp: 12965

Ion Ratio Lower Upper

56 100

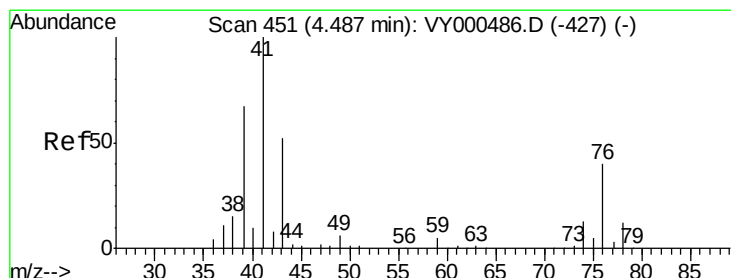
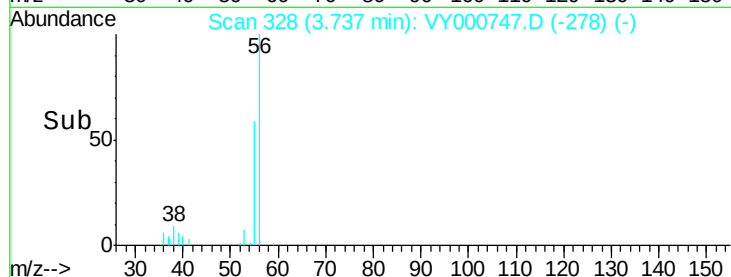
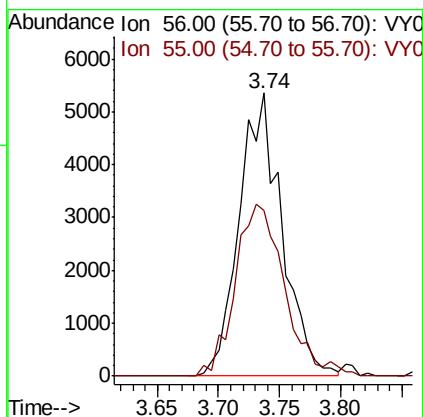
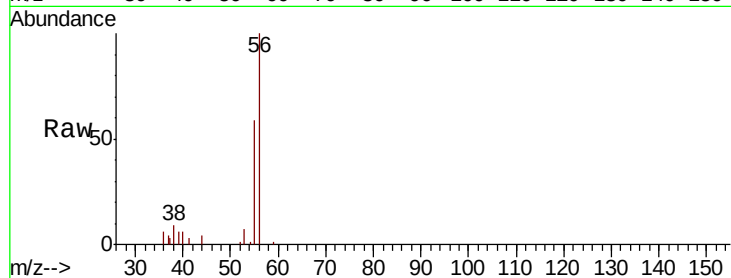
55 68.5 57.0 85.6

Manual Integrations

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#14

Allyl chloride

Concen: 20.881 ug/l

RT: 4.48 min Scan# 450

Delta R.T. -0.01 min

Lab File: VY000747.D

Acq: 20 Nov 2019 12:02

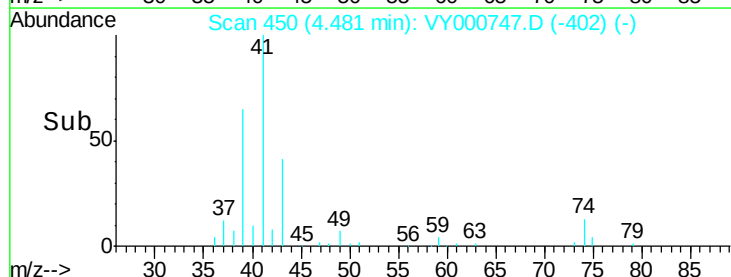
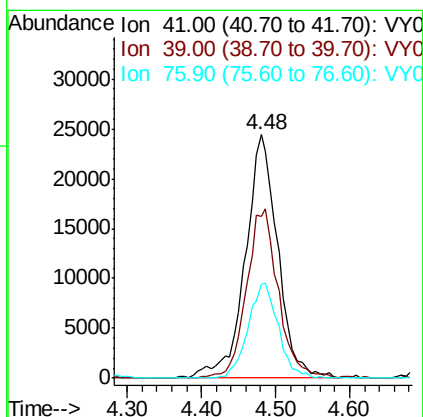
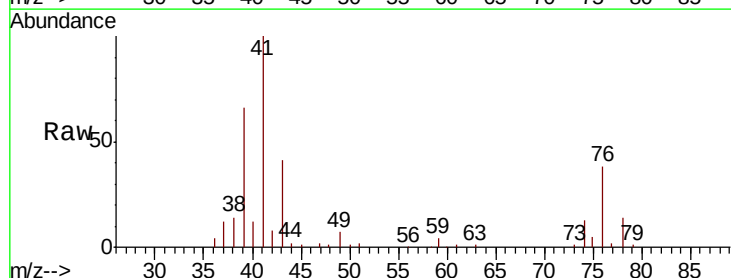
Tgt Ion: 41 Resp: 74724

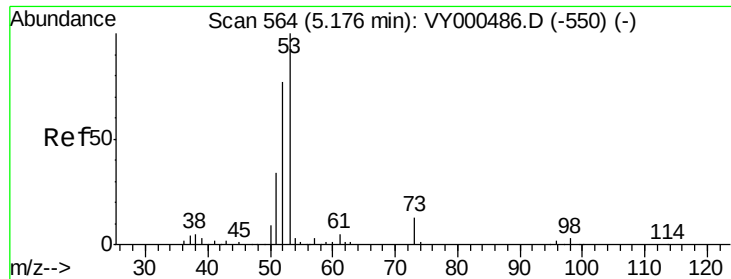
Ion Ratio Lower Upper

41 100

39 68.3 53.6 80.4

76 36.2 29.8 44.6





#15

Acrylonitrile

Concen: 103.033 ug/l

RT: 5.17 min Scan# 563

Delta R.T. -0.01 min

Lab File: VY000747.D

Acq: 20 Nov 2019 12:02

Instrument :

MSVOA_Y

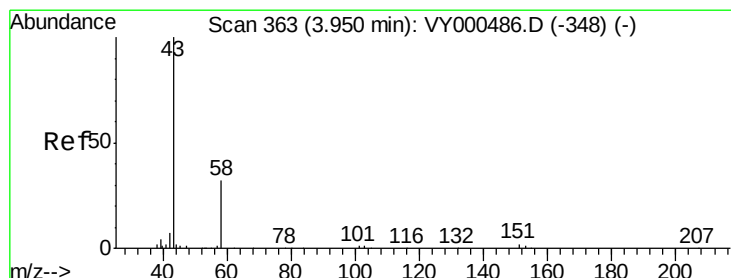
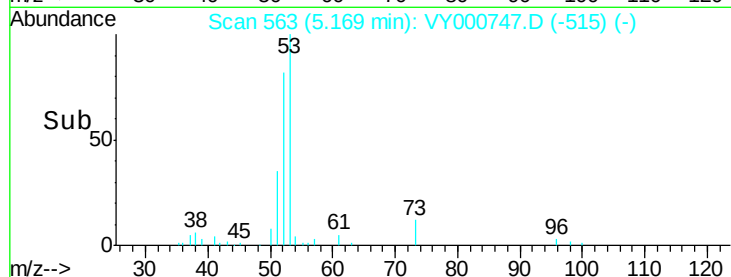
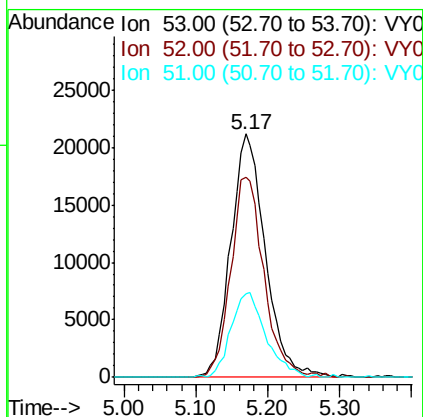
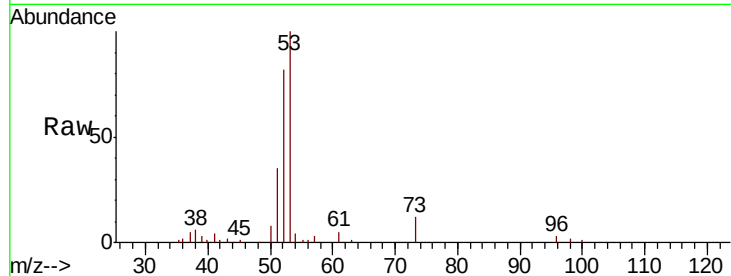
ClientSampleId :

VY1120SBS01

Tot Ion:	53	Resp:	70269
Ion	Ratio	Lower	Upper
53	100		
52	78.7	64.9	97.3
51	35.3	27.6	41.4

Manual Integrations
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#16

Acetone

Concen: 87.572 ug/l

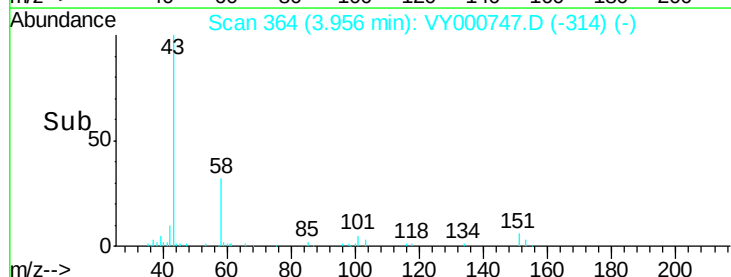
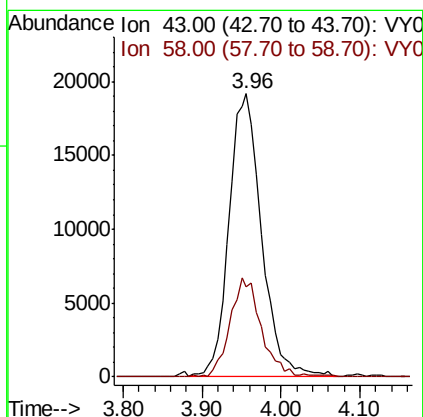
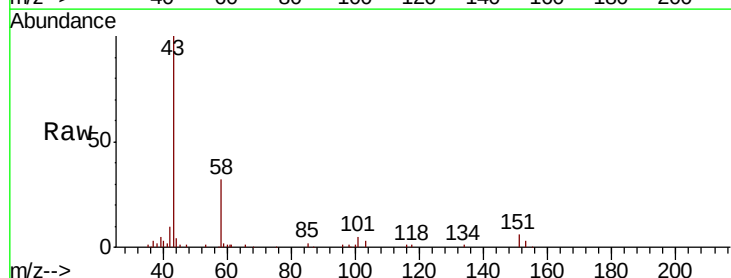
RT: 3.96 min Scan# 364

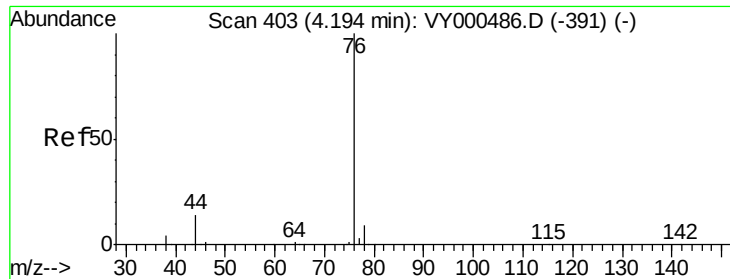
Delta R.T. 0.01 min

Lab File: VY000747.D

Acq: 20 Nov 2019 12:02

Tgt Ion:	43	Resp:	55031
Ion	Ratio	Lower	Upper
43	100		
58	32.1	25.8	38.6





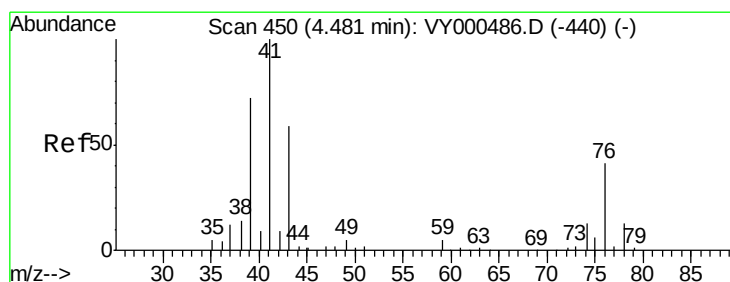
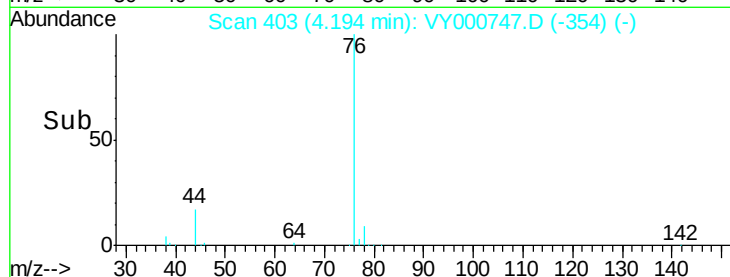
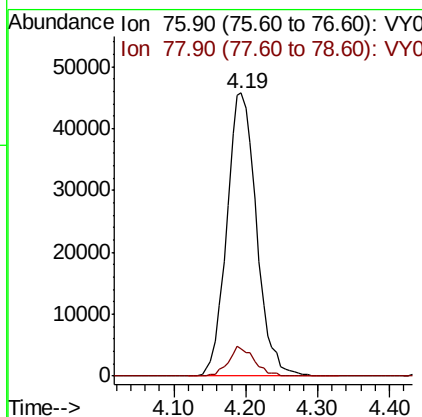
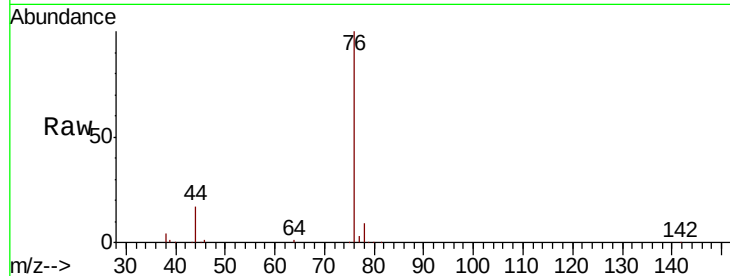
#17
Carbon Disulfide
Concen: 18.876 ug/l
RT: 4.19 min Scan# 403
Delta R.T. -0.00 min
Lab File: VY000747.D
Acq: 20 Nov 2019 12:02

Instrument :
MSVOA_Y
ClientSampleId :
VY1120SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.5	7.5	11.3

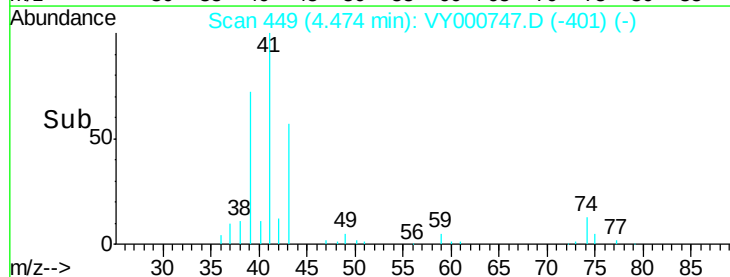
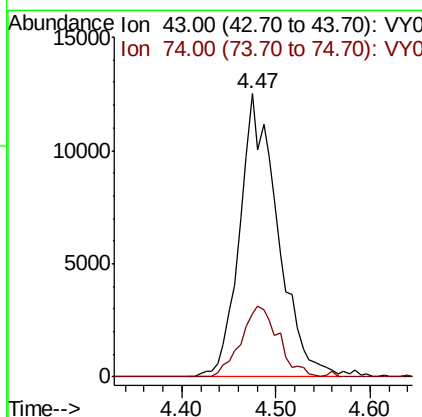
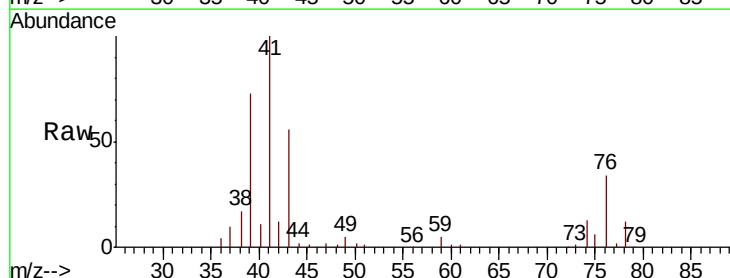
Manual Integrations
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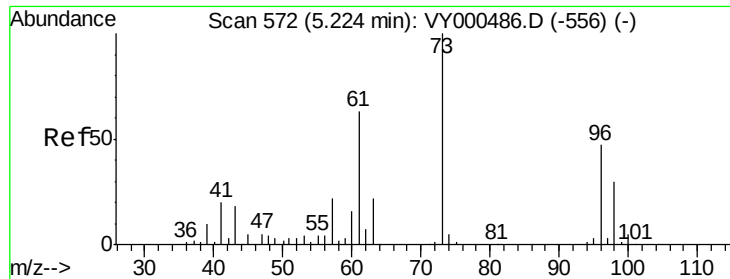
MMDadoda
11/22/2019 12:53:12 AM



#18
Methyl Acetate
Concen: 18.085 ug/l
RT: 4.47 min Scan# 449
Delta R.T. -0.01 min
Lab File: VY000747.D
Acq: 20 Nov 2019 12:02

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.7	19.2	28.8





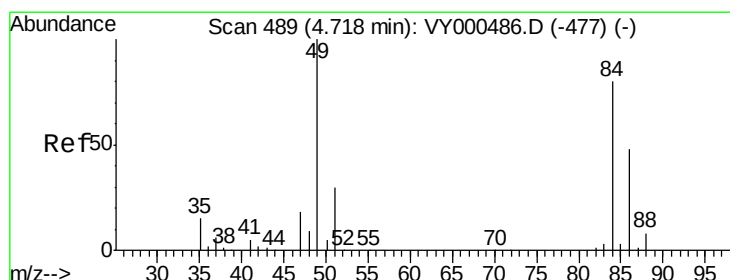
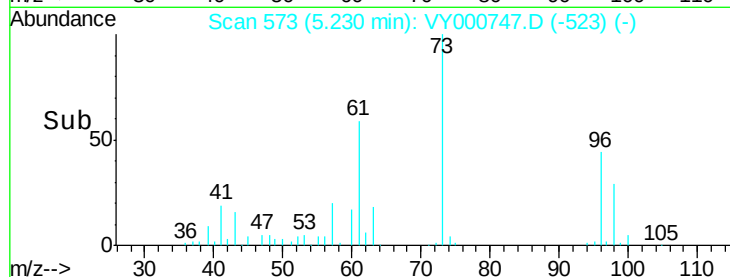
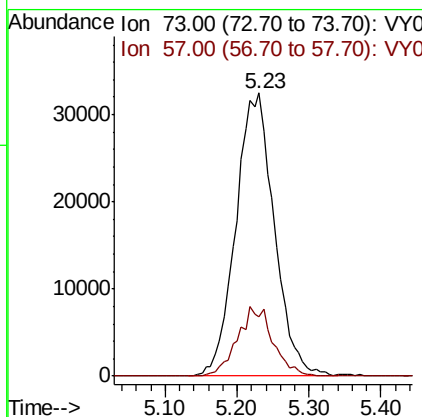
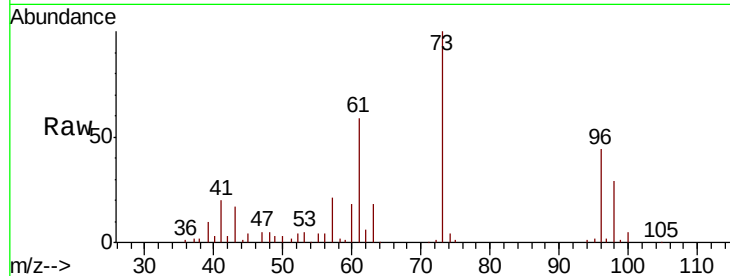
#19
Methyl tert-butyl Ether
Concen: 19.659 ug/l
RT: 5.23 min Scan# 573
Delta R.T. 0.01 min
Lab File: VY000747.D
Acq: 20 Nov 2019 12:02

Instrument :
MSVOA_Y
ClientSampleId :
VY1120SBS01

Tot Ion: 73 Resp: 120295
Ion Ratio Lower Upper
73 100
57 20.8 17.4 26.0

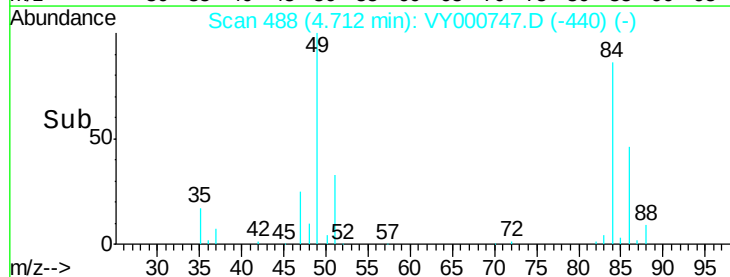
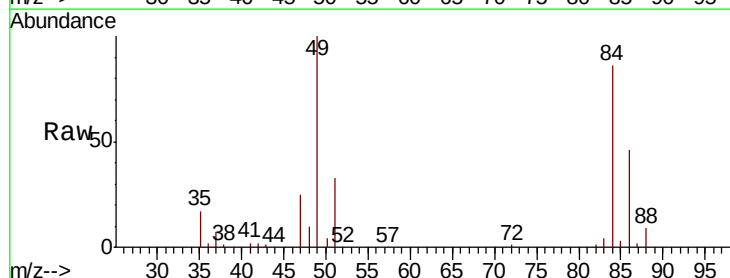
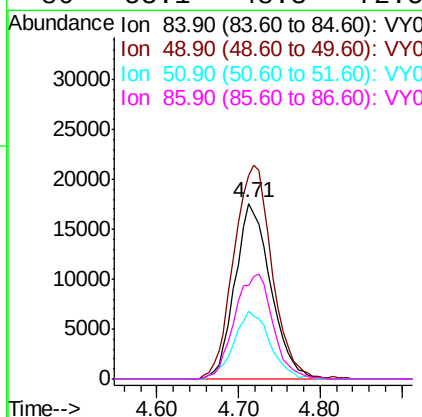
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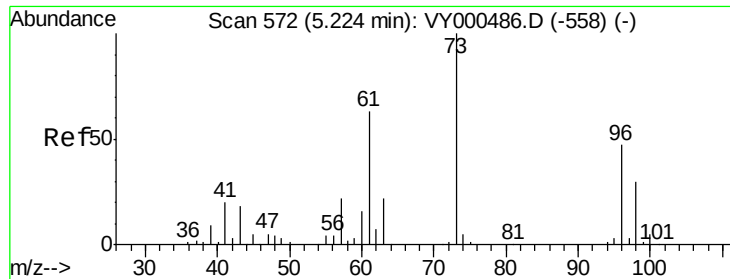
MMDadoda
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#20
Methylene Chloride
Concen: 19.798 ug/l
RT: 4.71 min Scan# 488
Delta R.T. -0.01 min
Lab File: VY000747.D
Acq: 20 Nov 2019 12:02

Tgt Ion: 84 Resp: 53309
Ion Ratio Lower Upper
84 100
49 116.3 100.2 150.4
51 38.6 29.6 44.4
86 53.1 48.3 72.5





#21

trans-1,2-Dichloroethene

Concen: 20.471 ug/l

RT: 5.22 min Scan# 572

Delta R.T. -0.00 min

Lab File: VY000747.D

Acq: 20 Nov 2019 12:02

Instrument :

MSVOA_Y

ClientSampleId :

VY1120SBS01

Tot Ion: 96 Resp: 50932

Ion Ratio Lower Upper

96 100

61 138.8 106.6 160.0

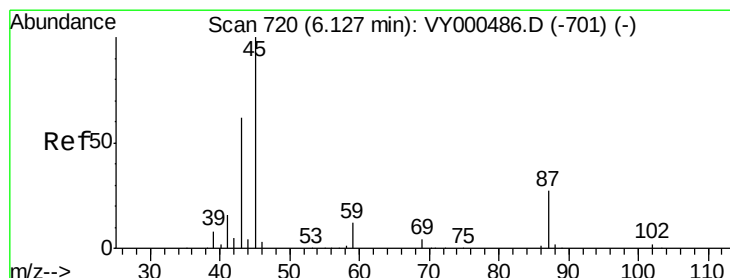
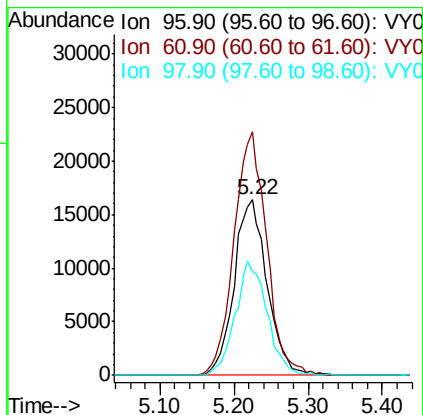
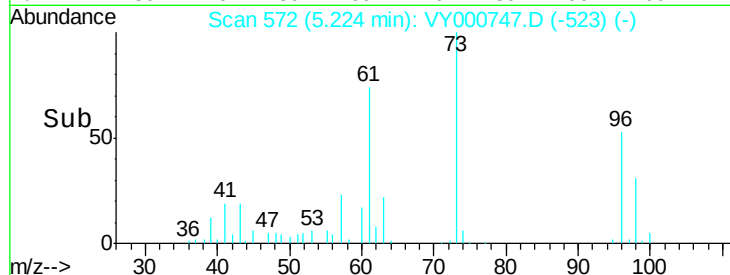
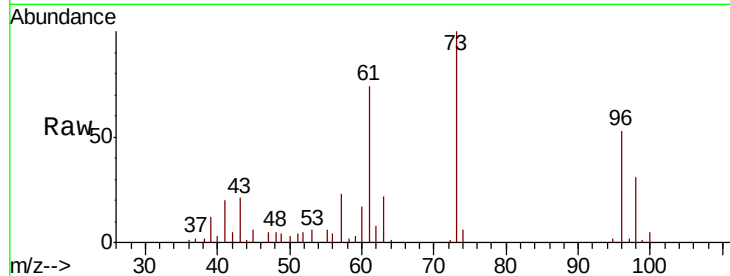
98 59.4 50.6 76.0

Manual Integrations

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#22

Diisopropyl ether

Concen: 21.393 ug/l

RT: 6.12 min Scan# 719

Delta R.T. -0.01 min

Lab File: VY000747.D

Acq: 20 Nov 2019 12:02

Tgt Ion: 45 Resp: 166396

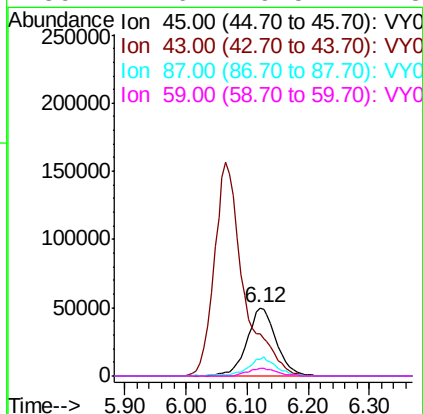
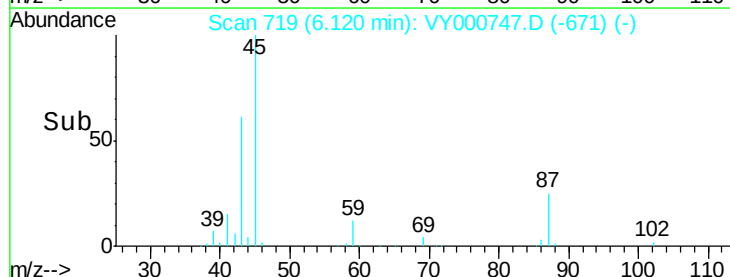
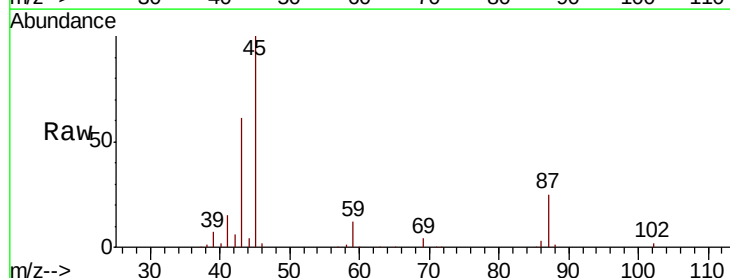
Ion Ratio Lower Upper

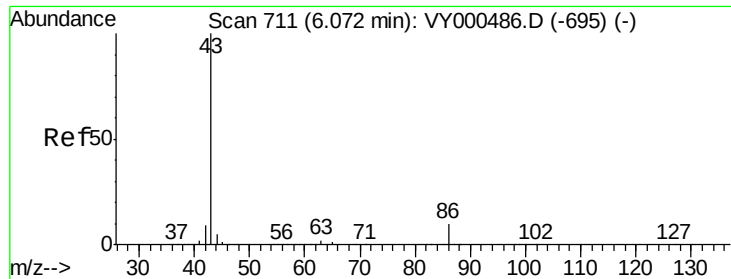
45 100

43 60.6 50.0 75.0

87 24.9 21.6 32.4

59 11.6 9.5 14.3





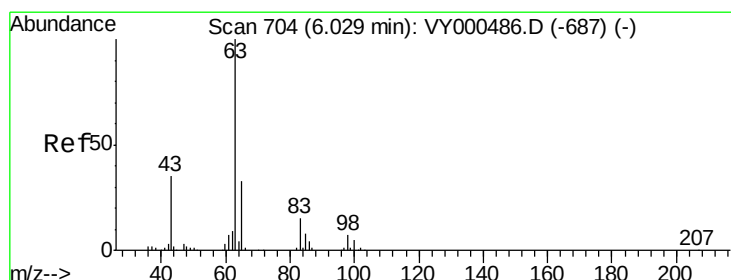
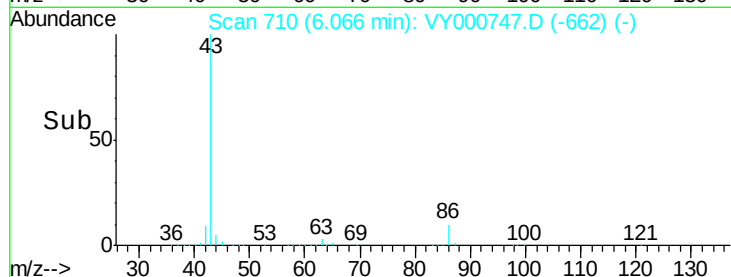
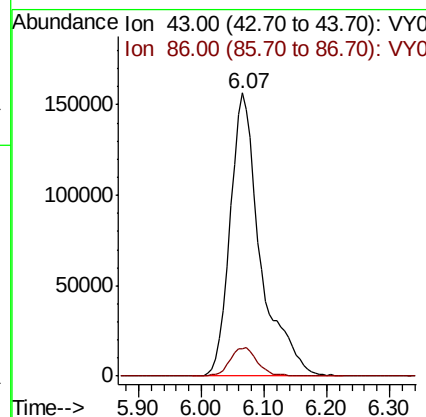
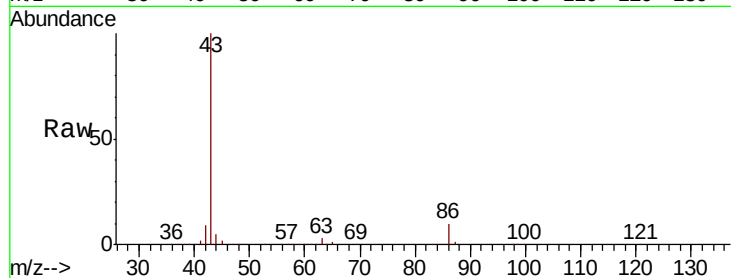
#23
 Vinyl Acetate
 Concen: 106.252 ug/l
 RT: 6.07 min Scan# 710
 Delta R.T. -0.01 min
 Lab File: VY000747.D
 Acq: 20 Nov 2019 12:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1120SBS01

Tot Ion	43	Resp	521700
Ion Ratio	100	Lower	Upper
43	100		
86	9.6	7.8	11.6

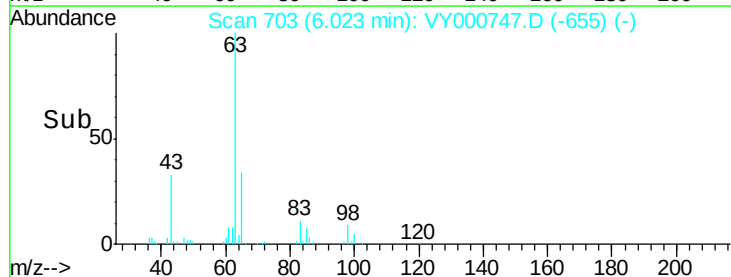
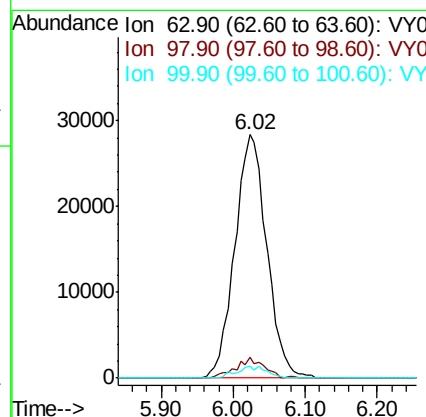
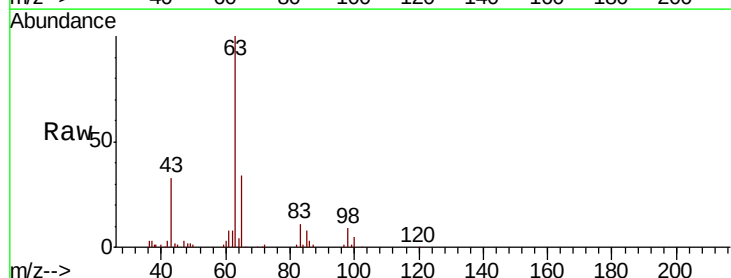
Manual Integrations
 APPROVED

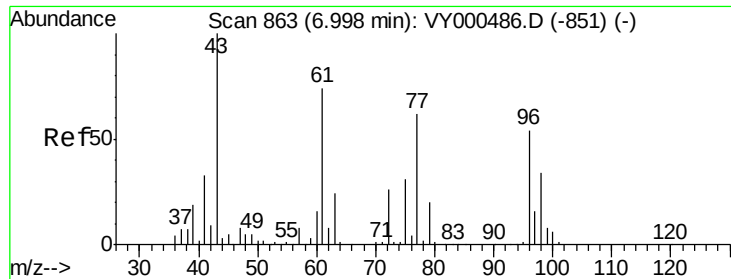
MMDadoda
 11/22/2019 12:53:12 AM



#24
 1,1-Dichloroethane
 Concen: 20.762 ug/l
 RT: 6.02 min Scan# 703
 Delta R.T. -0.01 min
 Lab File: VY000747.D
 Acq: 20 Nov 2019 12:02

Tgt Ion	63	Resp	87486
Ion Ratio	100	Lower	Upper
63	100		
98	8.8	3.5	10.6
100	4.7	2.4	7.1





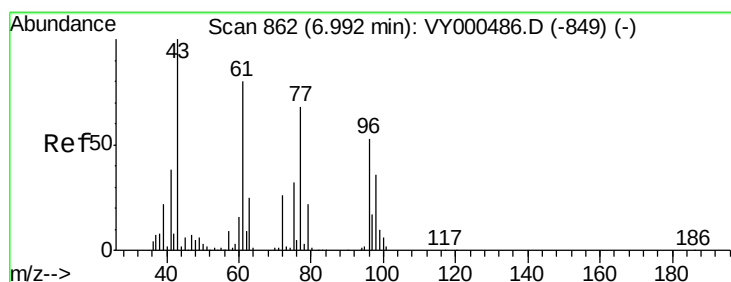
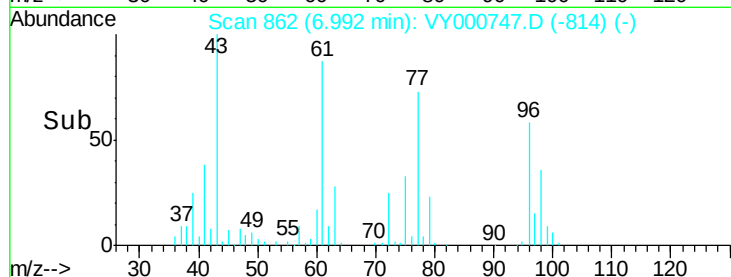
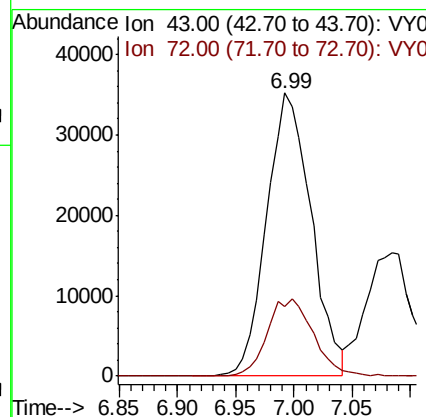
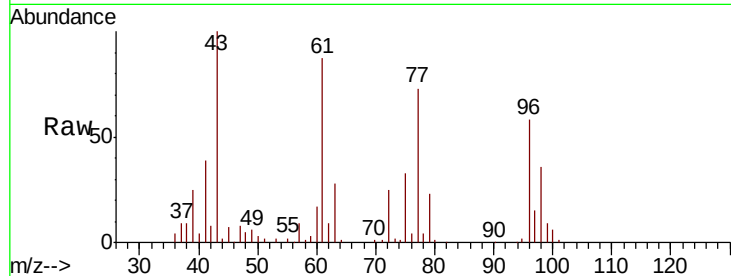
#25
2-Butanone
Concen: 93.248 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.01 min
Lab File: VY000747.D
Acq: 20 Nov 2019 12:02

Instrument :
MSVOA_Y
ClientSampleId :
VY1120SBS01

Tot Ion: 43 Resp: 93518
Ion Ratio Lower Upper
43 100
72 24.6 20.9 31.3

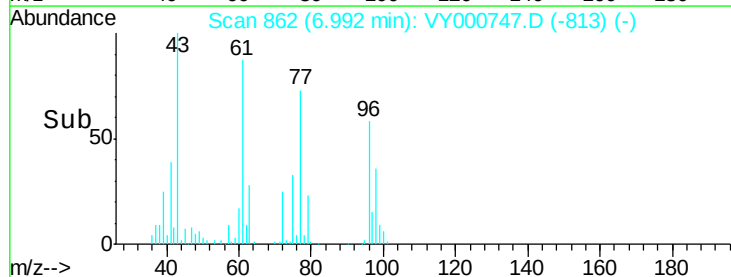
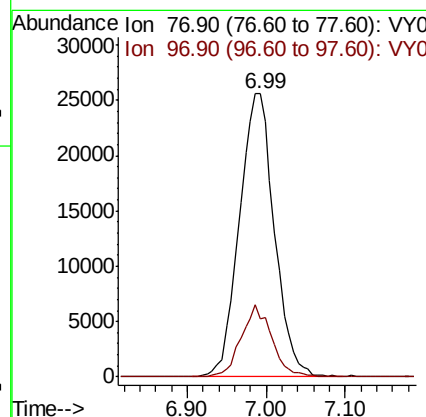
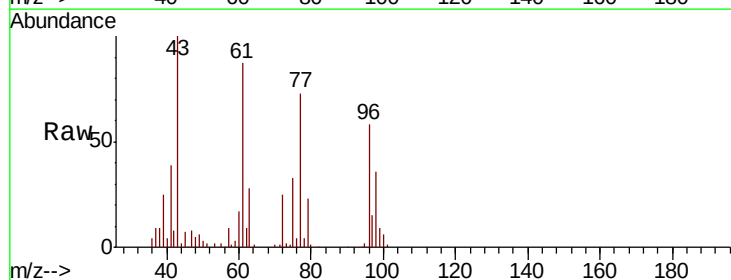
Manual Integrations
APPROVED

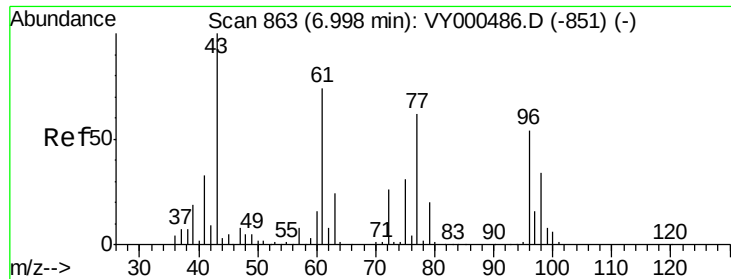
MMDadoda
11/22/2019 12:53:12 AM



#26
2,2-Dichloropropane
Concen: 20.436 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.00 min
Lab File: VY000747.D
Acq: 20 Nov 2019 12:02

Tgt Ion: 77 Resp: 78696
Ion Ratio Lower Upper
77 100
97 22.2 11.8 35.4





#27

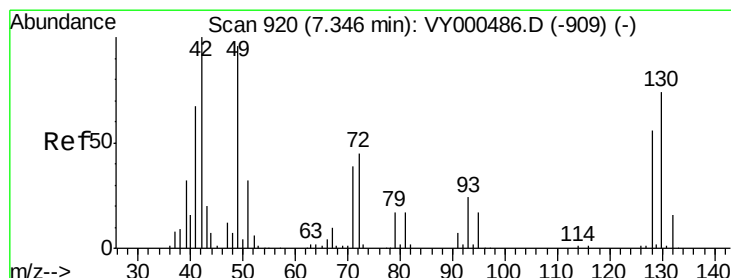
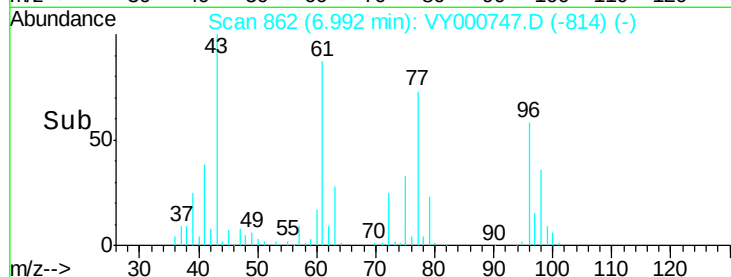
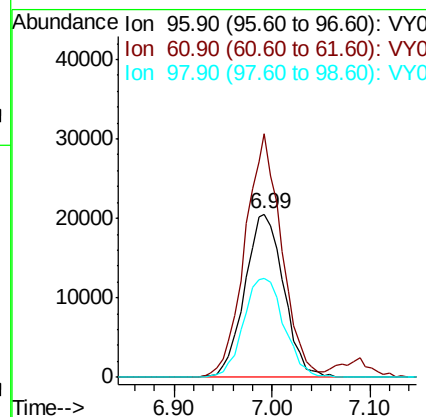
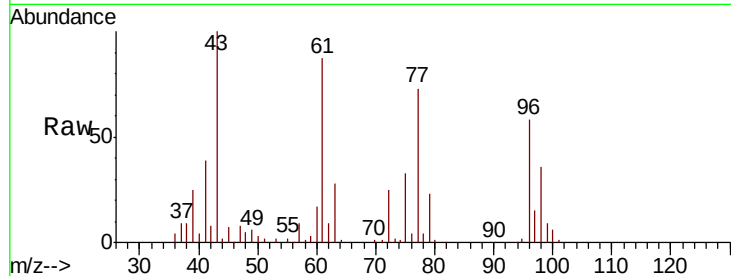
cis-1,2-Dichloroethene
Concen: 20.904 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.01 min
Lab File: VY000747.D
Acq: 20 Nov 2019 12:02

Instrument :
MSVOA_Y
ClientSampleId :
VY1120SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	140.2	0.0	287.0
98	63.1	0.0	129.4

Manual Integrations
APPROVED

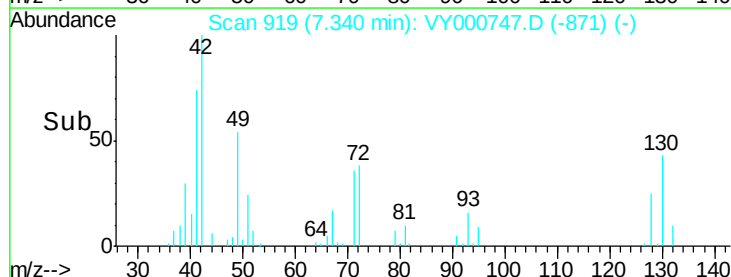
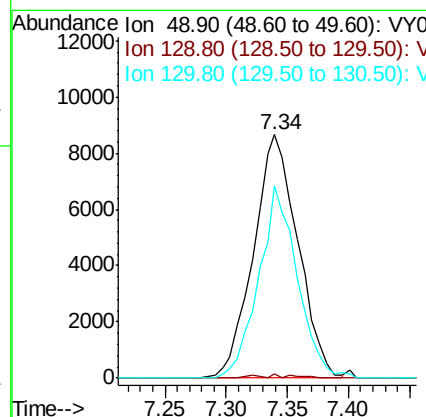
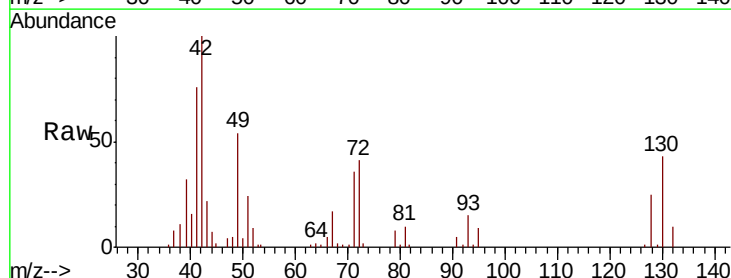
MMDadoda
11/22/2019 12:53:12 AM

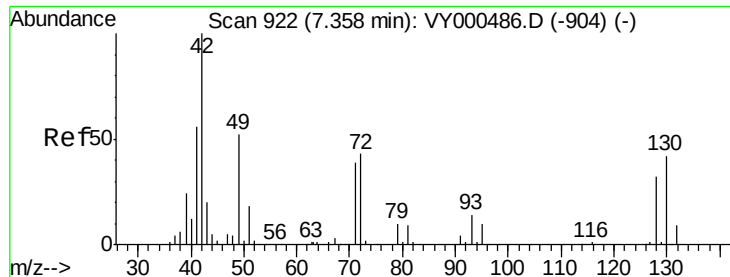


#28

Bromochloromethane
Concen: 14.532 ug/l
RT: 7.34 min Scan# 919
Delta R.T. -0.01 min
Lab File: VY000747.D
Acq: 20 Nov 2019 12:02

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.3	0.0	3.6
130	68.8	59.4	89.0





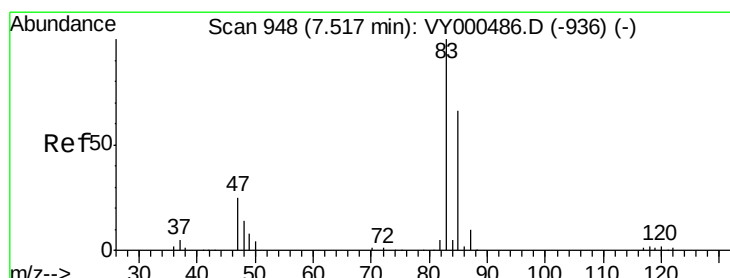
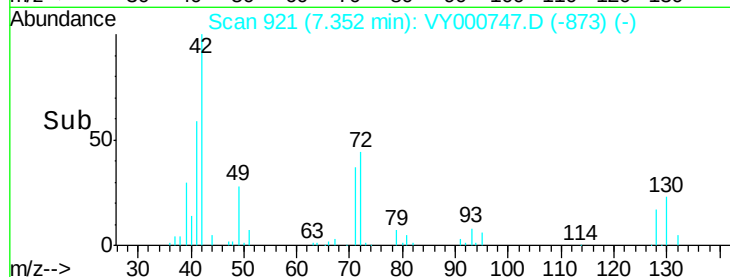
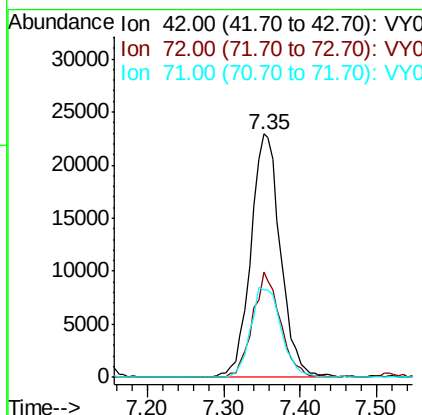
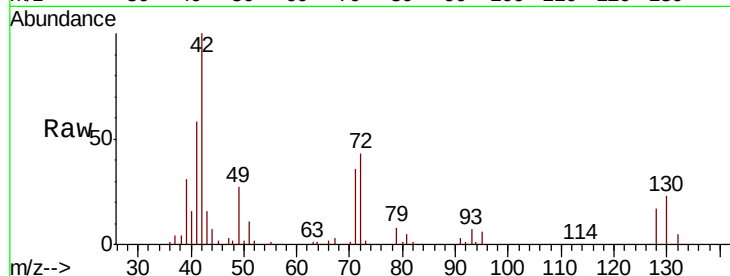
#29
Tetrahydrofuran
Concen: 101.469 ug/l
RT: 7.35 min Scan# 921
Delta R.T. -0.01 min
Lab File: VY000747.D
Acq: 20 Nov 2019 12:02

Instrument :
MSVOA_Y
ClientSampleId :
VY1120SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	40.5	34.0	51.0
71	37.9	30.8	46.2

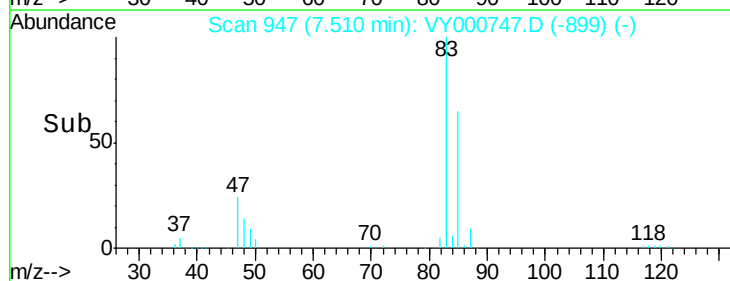
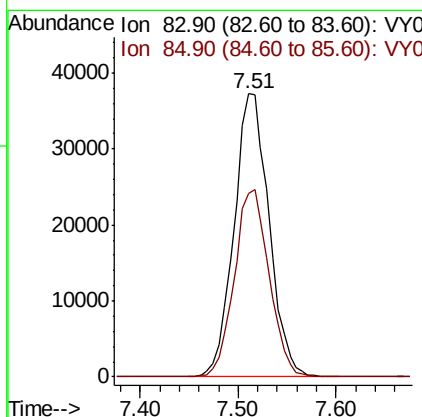
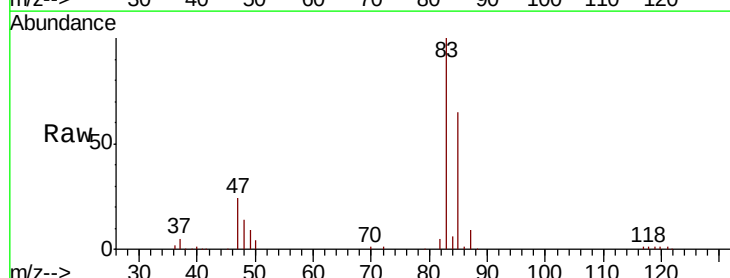
Manual Integrations
APPROVED

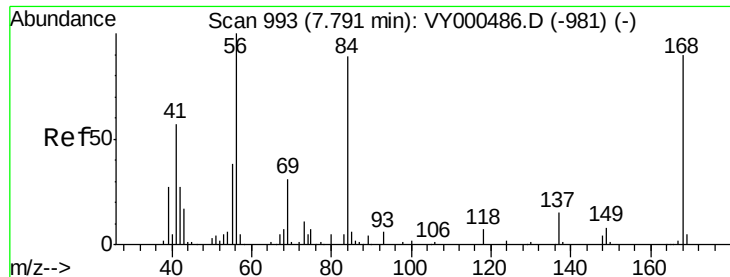
MMDadoda
11/22/2019 12:53:12 AM



#30
Chloroform
Concen: 21.666 ug/l
RT: 7.51 min Scan# 947
Delta R.T. -0.01 min
Lab File: VY000747.D
Acq: 20 Nov 2019 12:02

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.9	53.0	79.4





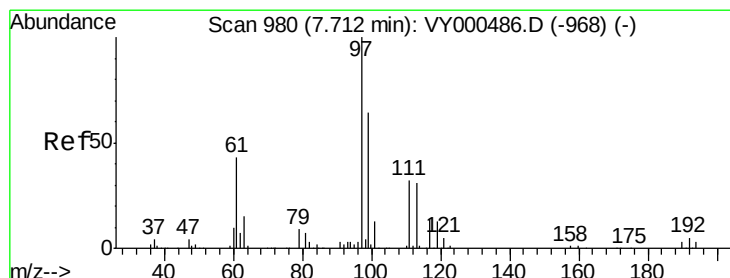
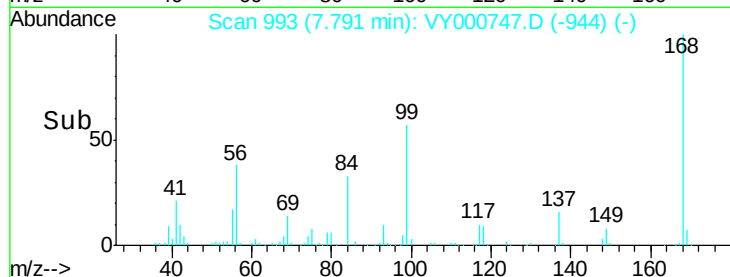
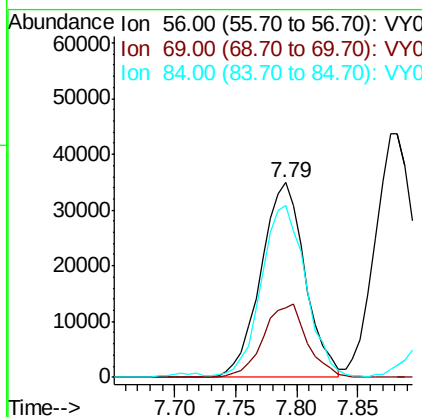
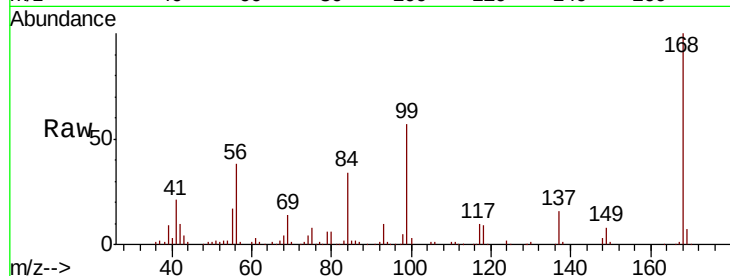
#31
Cyclohexane
Concen: 19.968 ug/l
RT: 7.79 min Scan# 993
Delta R.T. -0.00 min
Lab File: VY000747.D
Acq: 20 Nov 2019 12:02

Instrument :
MSVOA_Y
ClientSampleId :
VY1120SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	36.0	25.0	37.6
84	87.1	71.4	107.2

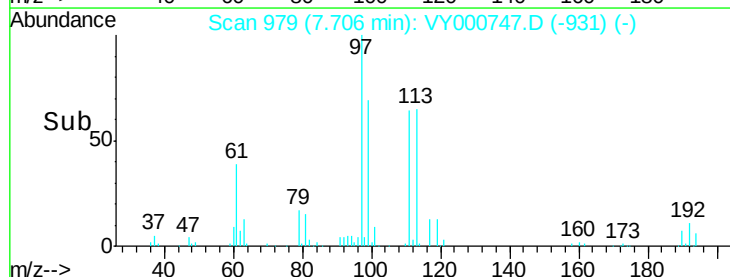
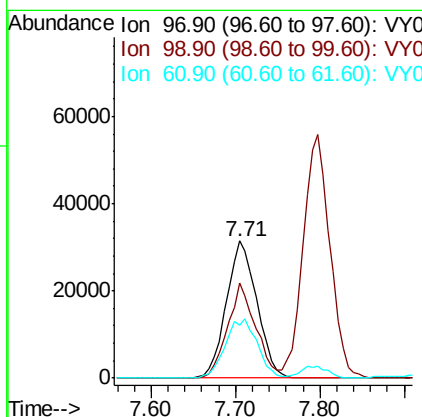
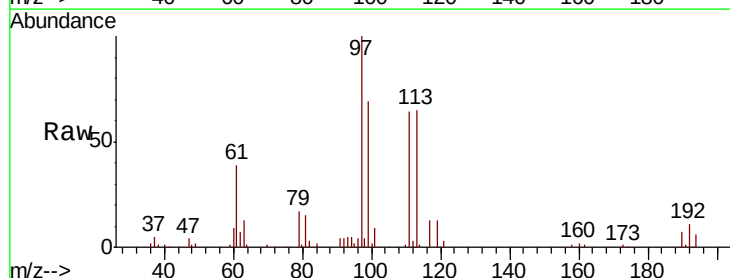
Manual Integrations
APPROVED

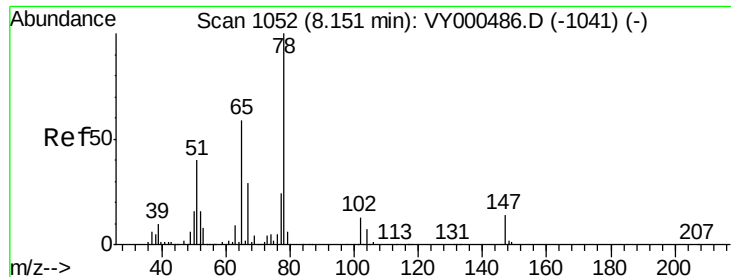
MMDadoda
11/22/2019 12:53:12 AM



#32
1,1,1-Trichloroethane
Concen: 20.435 ug/l
RT: 7.71 min Scan# 979
Delta R.T. -0.01 min
Lab File: VY000747.D
Acq: 20 Nov 2019 12:02

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.2	50.9	76.3
61	45.2	34.9	52.3





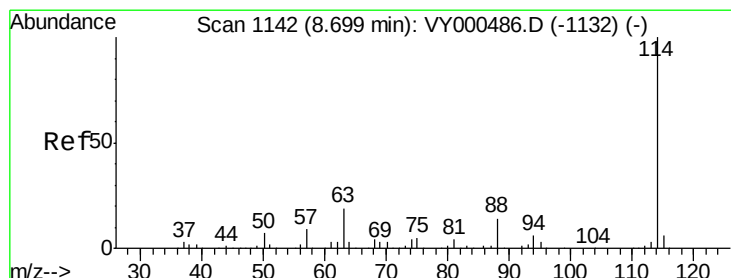
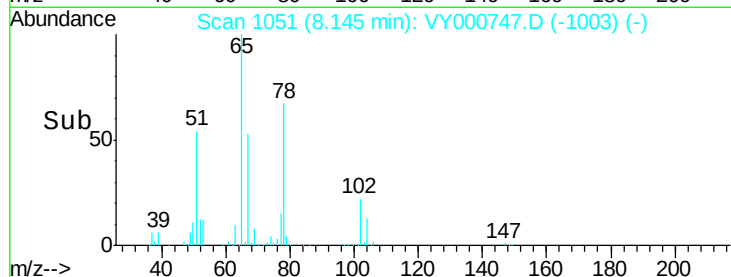
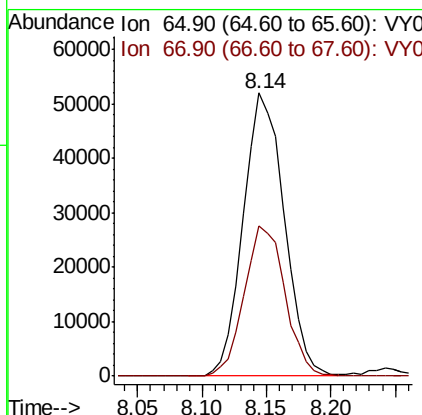
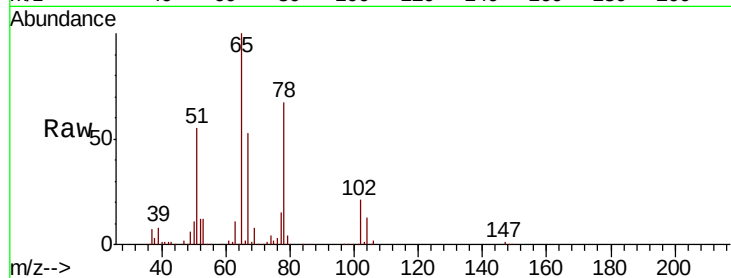
#33
 1,2-Dichloroethane-d4
 Concen: 50.201 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. -0.01 min
 Lab File: VY000747.D
 Acq: 20 Nov 2019 12:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1120SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	114461		
67	52.9	0.0	107.2	

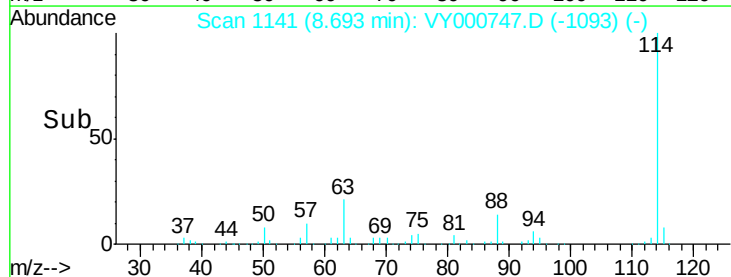
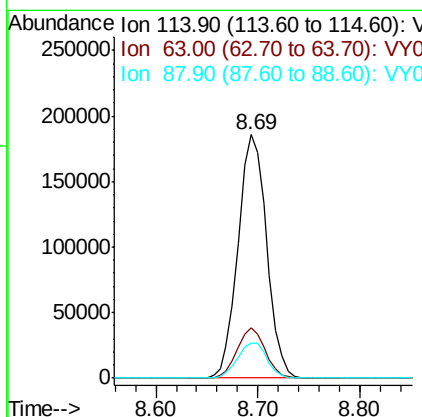
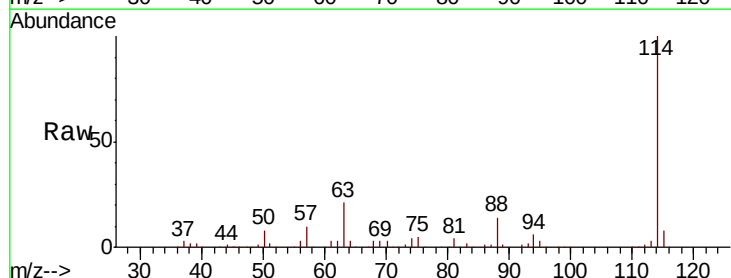
Manual Integrations
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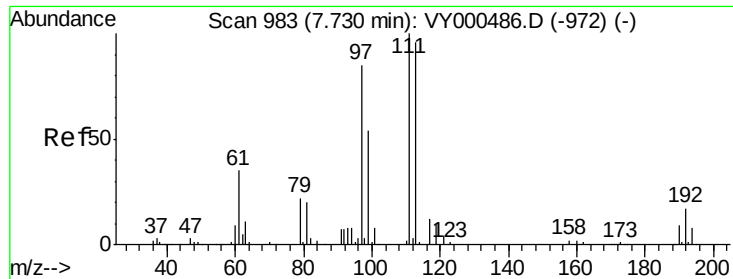
MMDadoda
 11/22/2019 12:53:12 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: VY000747.D
 Acq: 20 Nov 2019 12:02

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	360975		
63	20.6	0.0	38.0	
88	14.4	0.0	28.6	





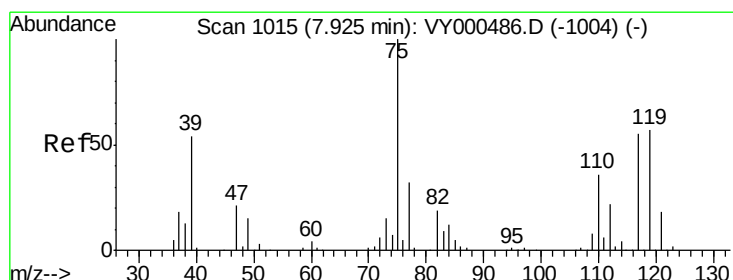
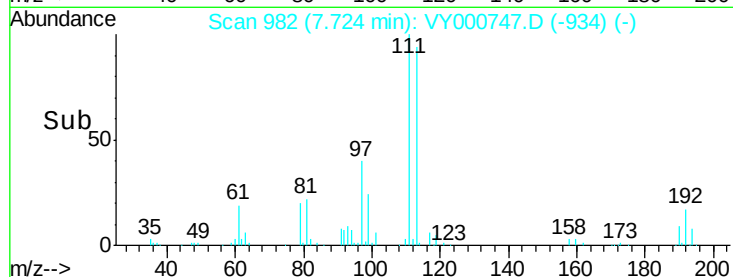
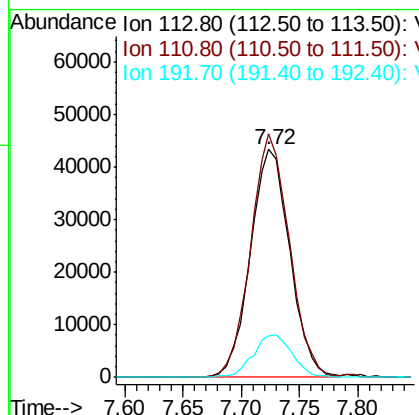
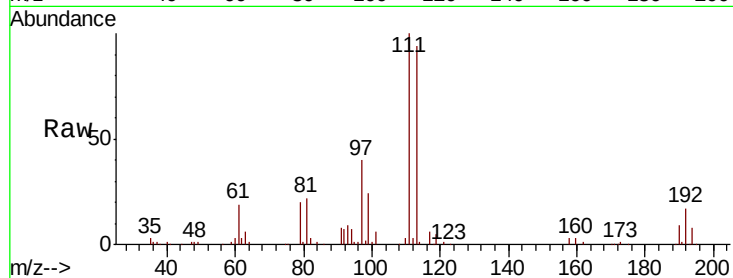
#35
Dibromofluoromethane
Concen: 48.411 ug/l
RT: 7.72 min Scan# 982
Delta R.T. -0.01 min
Lab File: VY000747.D
Acq: 20 Nov 2019 12:02

Instrument :
MSVOA_Y
ClientSampleId :
VY1120SBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	104.3	81.7	122.5	
192	18.6	15.0	22.4	

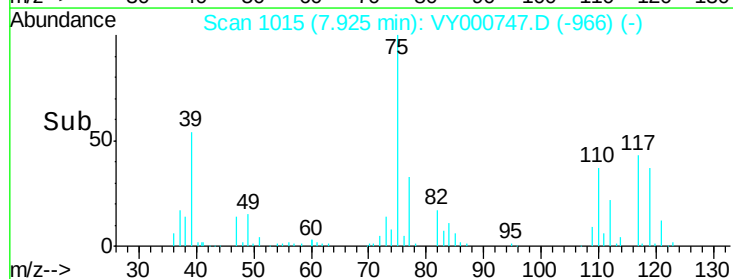
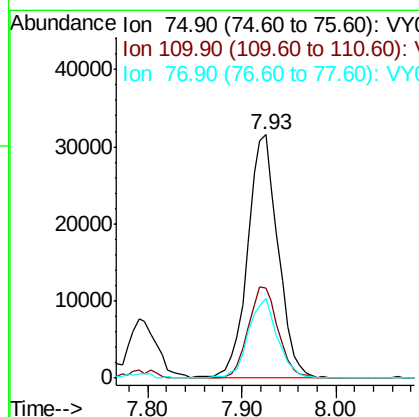
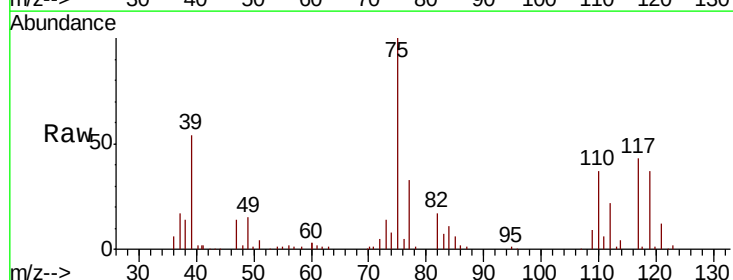
Manual Integrations
APPROVED

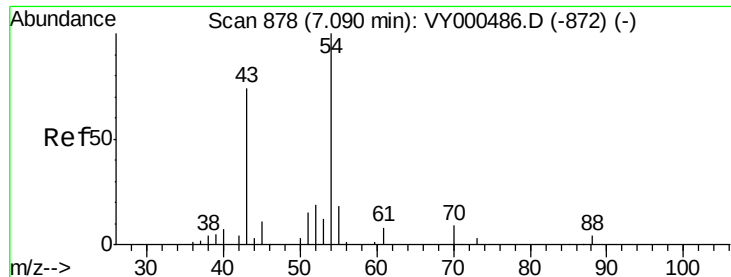
MMDadoda
11/22/2019 12:53:12 AM



#36
1,1-Dichloropropene
Concen: 20.953 ug/l
RT: 7.93 min Scan# 1015
Delta R.T. -0.00 min
Lab File: VY000747.D
Acq: 20 Nov 2019 12:02

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
110	36.9	18.1	54.1	
77	31.6	25.0	37.6	





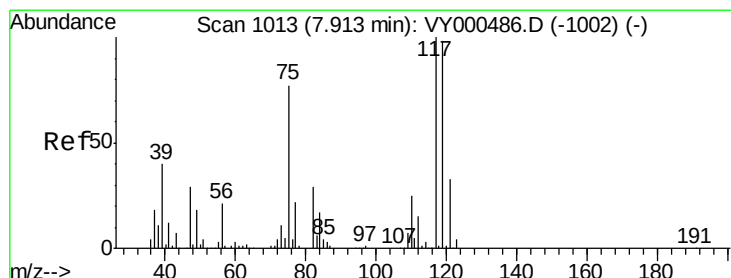
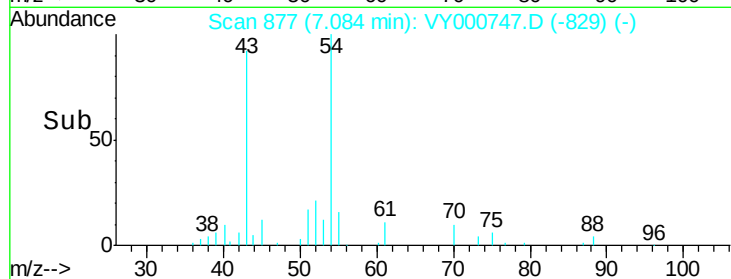
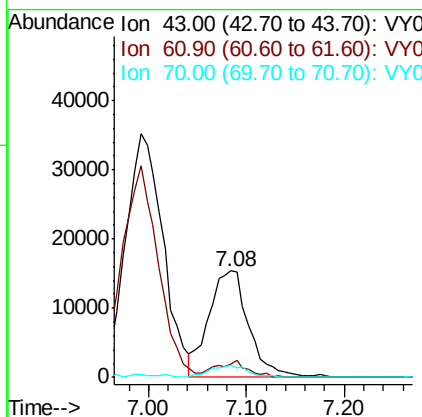
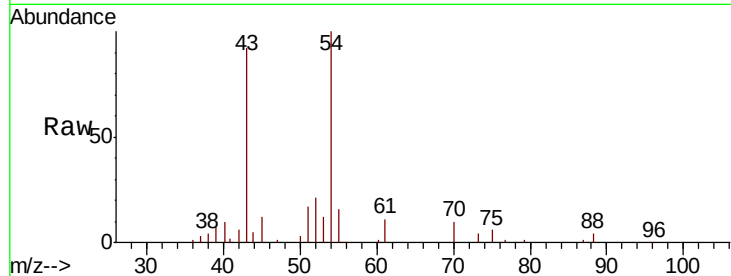
#37
Ethyl Acetate
Concen: 21.683 ug/l
RT: 7.08 min Scan# 877
Delta R.T. -0.01 min
Lab File: VY000747.D
Acq: 20 Nov 2019 12:02

Instrument :
MSVOA_Y
ClientSampleId :
VY1120SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.1	10.2	15.2
70	10.3	7.8	11.8

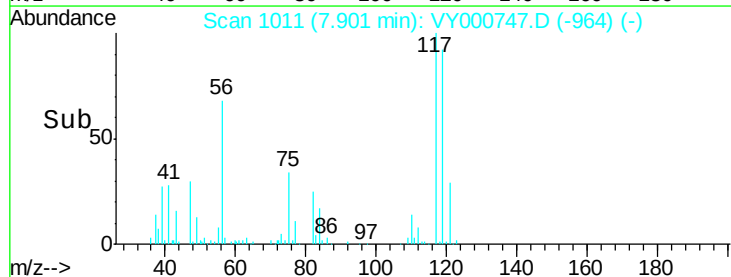
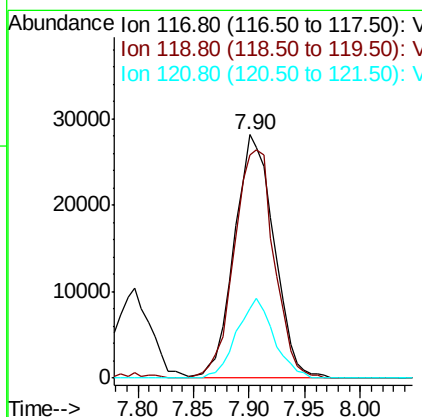
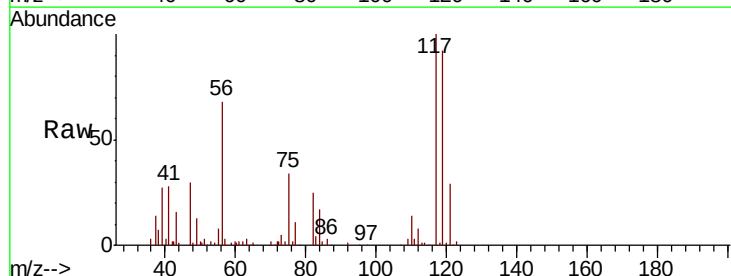
Manual Integrations
APPROVED

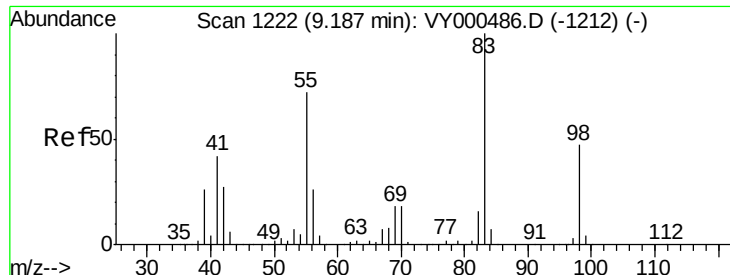
MMDadoda
11/22/2019 12:53:12 AM



#38
Carbon Tetrachloride
Concen: 21.259 ug/l
RT: 7.90 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VY000747.D
Acq: 20 Nov 2019 12:02

Tgt Ion	Ratio	Lower	Upper
117	100		
119	91.5	78.0	117.0
121	28.8	26.6	40.0





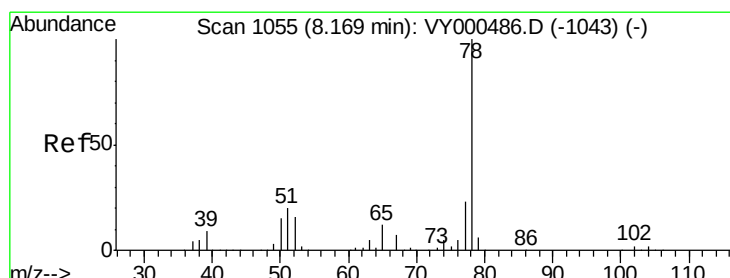
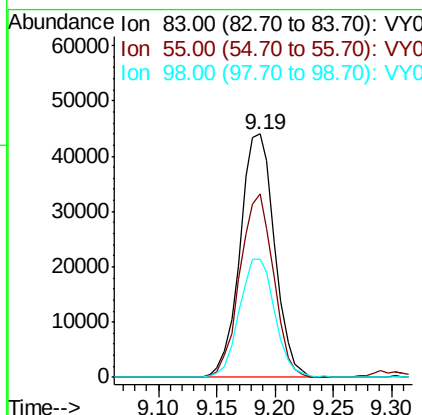
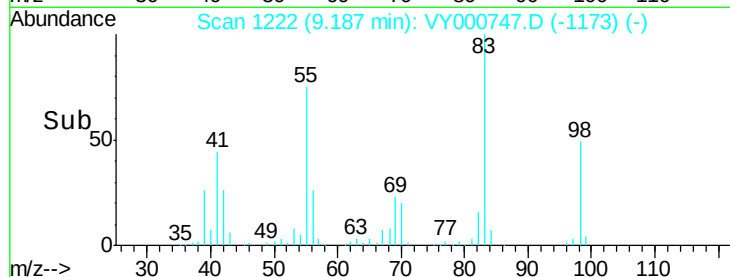
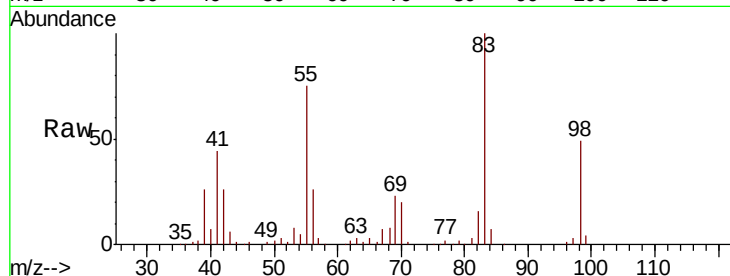
#39
Methylvlcyclohexane
Concen: 20.687 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY000747.D
Acq: 20 Nov 2019 12:02

Instrument :
MSVOA_Y
ClientSampleId :
VY1120SBS01

Tot Ion	83.00	Resp	91204
Ion	Ratio	Lower	Upper
83	100		
55	75.5	57.5	86.3
98	48.7	38.0	57.0

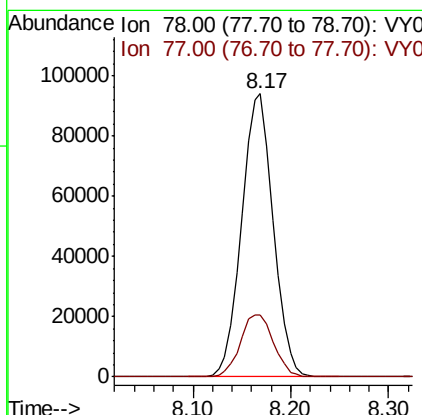
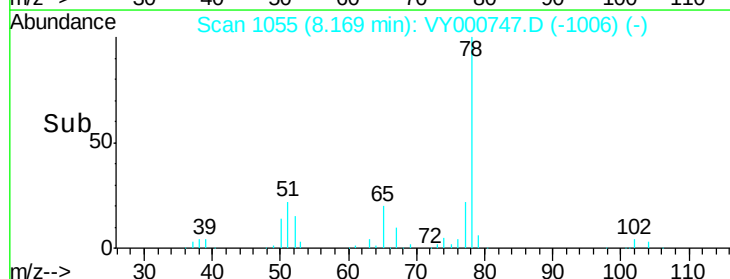
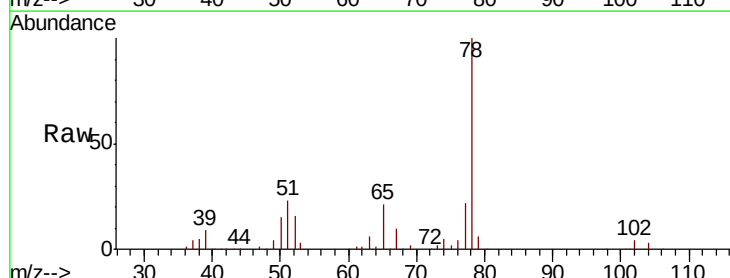
Manual Integrations
APPROVED

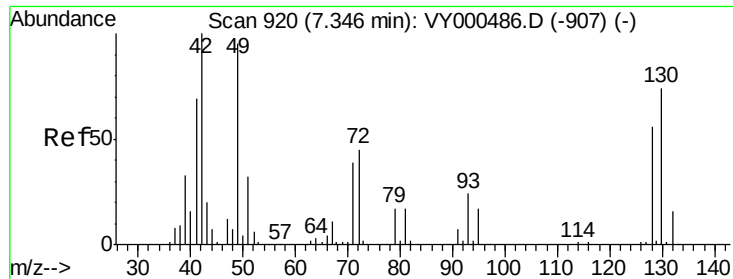
MMDadoda
11/22/2019 12:53:12 AM



#40
Benzene
Concen: 20.982 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.00 min
Lab File: VY000747.D
Acq: 20 Nov 2019 12:02

Tgt Ion	78.00	Resp	209915
Ion	Ratio	Lower	Upper
78	100		
77	22.0	18.6	28.0





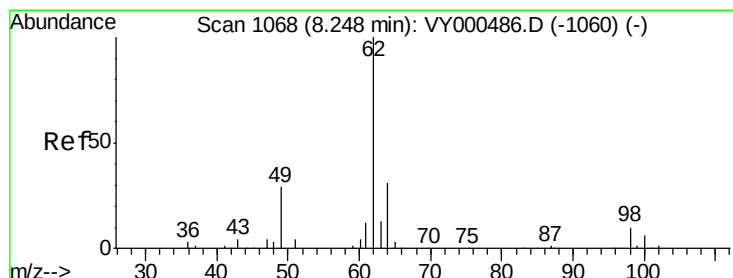
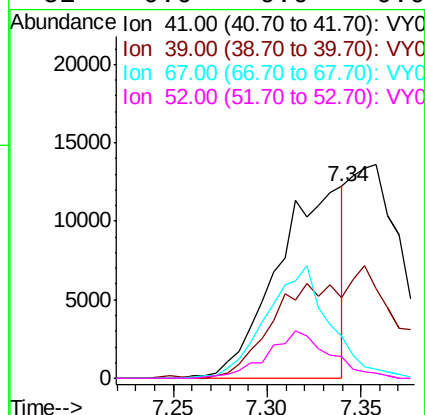
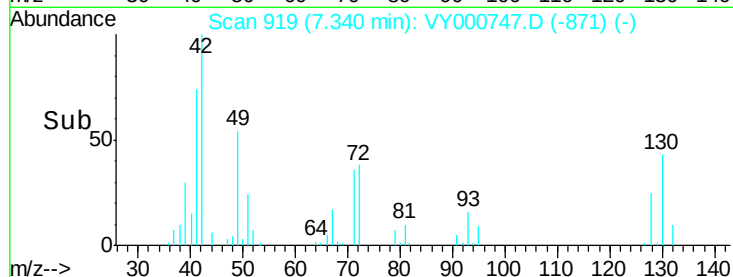
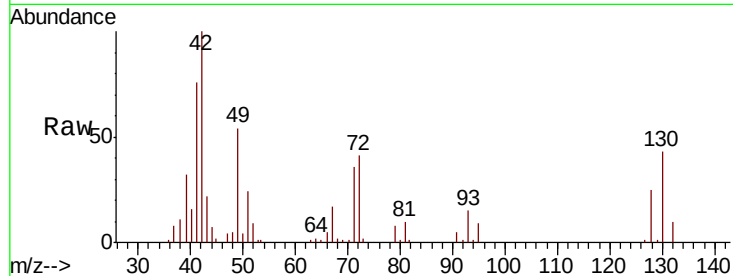
#41
Methacrylonitrile
Concen: 26.707 ug/l m
RT: 7.34 min Scan# 919
Delta R.T. -0.01 min
Lab File: VY000747.D
Acq: 20 Nov 2019 12:02

Instrument :
MSVOA_Y
ClientSampleId :
VY1120SBS01

Tot Ion	41	Resp	30185
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

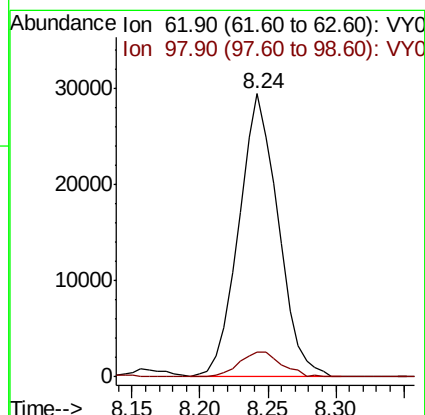
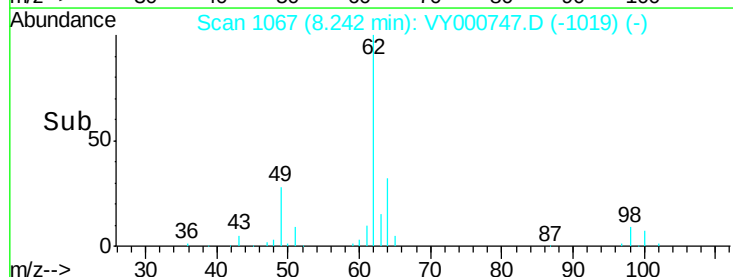
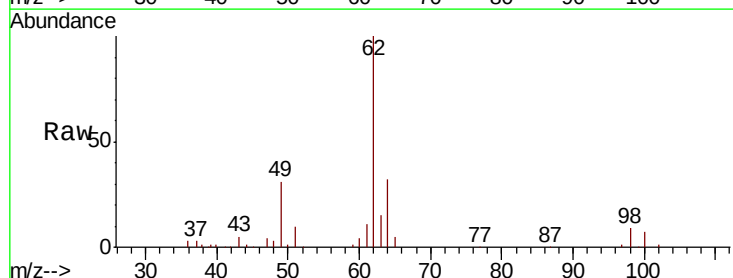
Manual Integrations
APPROVED

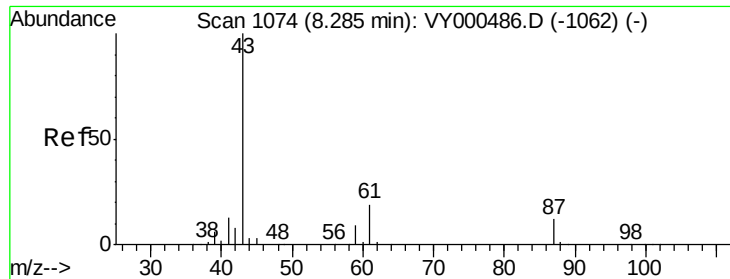
MMDadoda
11/22/2019 12:53:12 AM



#42
1,2-Dichloroethane
Concen: 21.003 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.01 min
Lab File: VY000747.D
Acq: 20 Nov 2019 12:02

Tgt Ion	62	Resp	59597
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	19.2





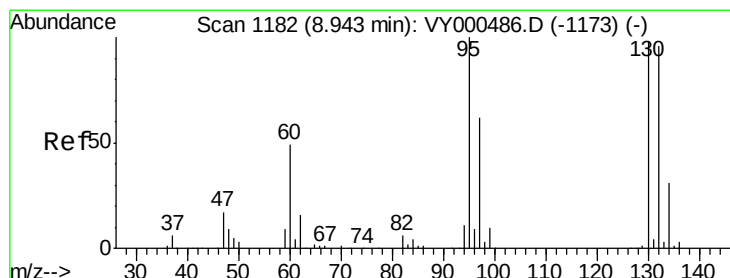
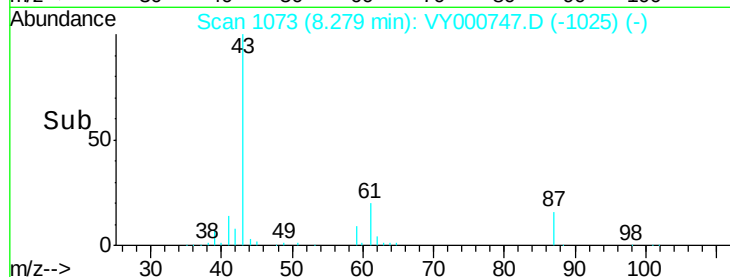
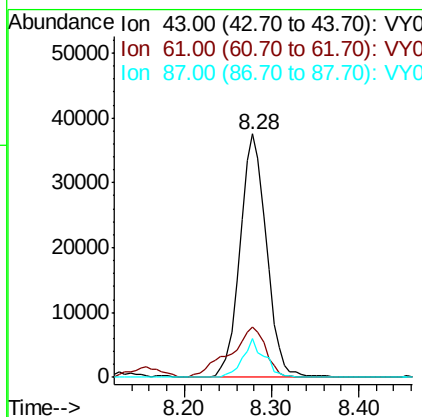
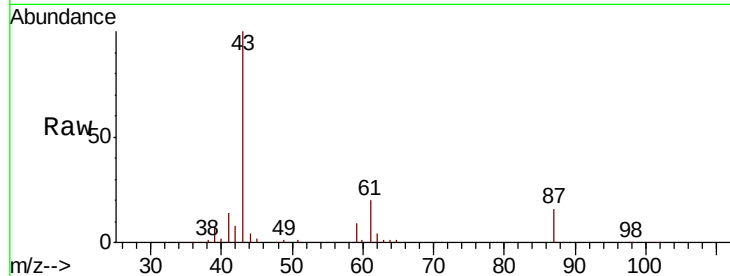
#43
Isopropyl Acetate
Concen: 20.698 ug/l
RT: 8.28 min Scan# 1073
Delta R.T. -0.01 min
Lab File: VY000747.D
Acq: 20 Nov 2019 12:02

Instrument :
MSVOA_Y
ClientSampleId :
VY1120SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	28.0	23.0	34.4
87	13.1	10.5	15.7

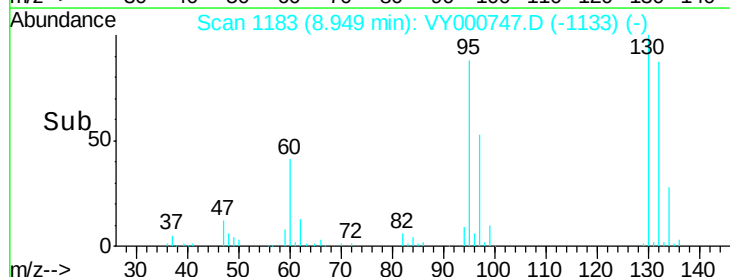
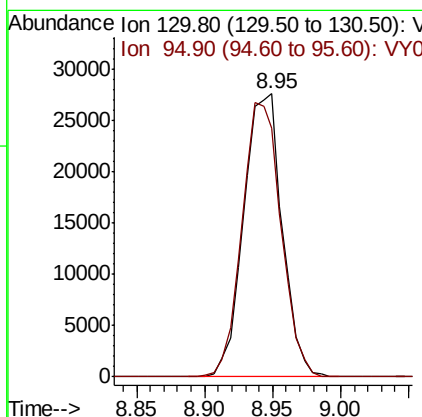
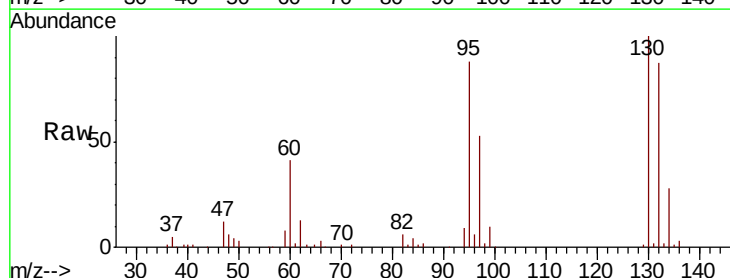
Manual Integrations
APPROVED

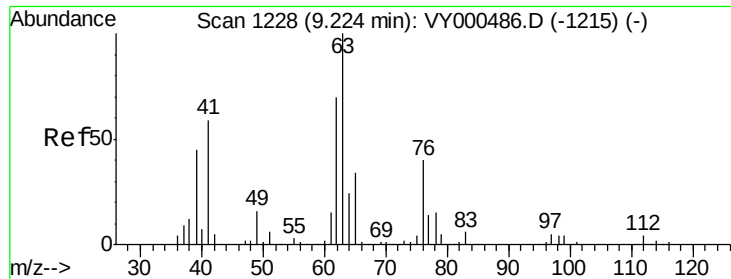
MMDadoda
11/22/2019 12:53:12 AM



#44
Trichloroethene
Concen: 20.781 ug/l
RT: 8.95 min Scan# 1183
Delta R.T. 0.01 min
Lab File: VY000747.D
Acq: 20 Nov 2019 12:02

Tgt Ion	Ratio	Lower	Upper
130	100		
95	88.1	0.0	203.2





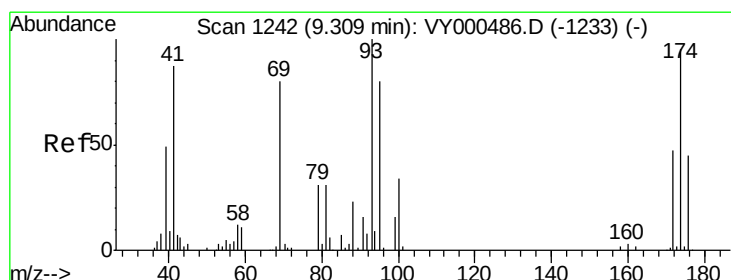
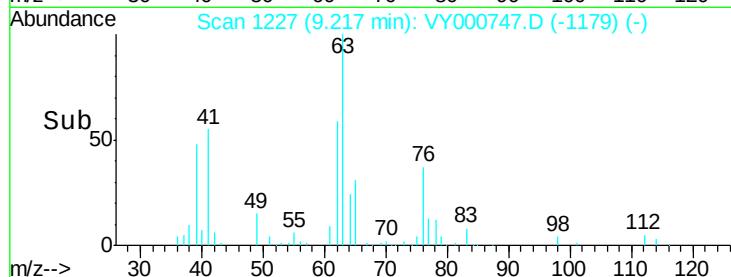
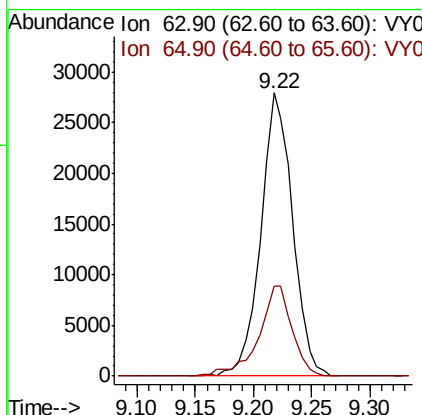
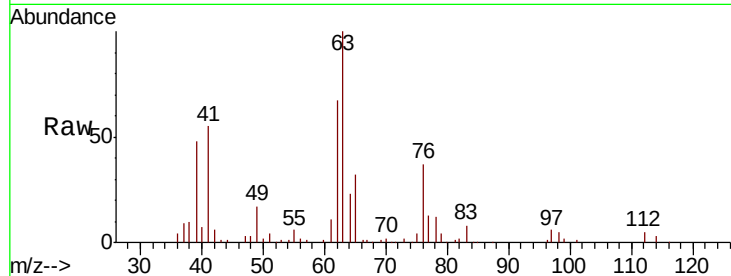
#45
 1,2-Dichloropropane
 Concen: 21.522 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. -0.01 min
 Lab File: VY000747.D
 Acq: 20 Nov 2019 12:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1120SBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.7	27.0	40.4

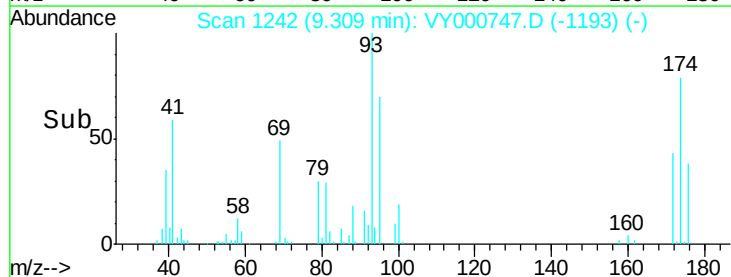
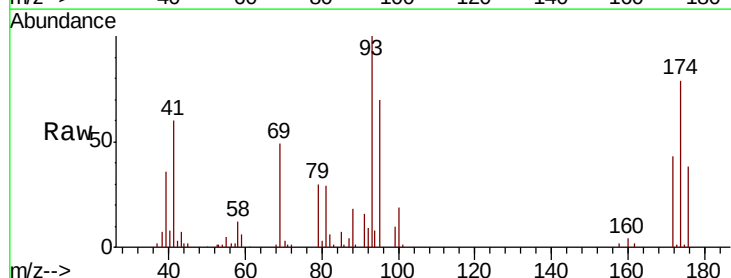
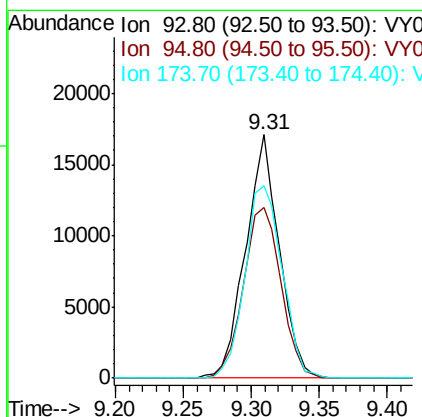
Manual Integrations
 APPROVED

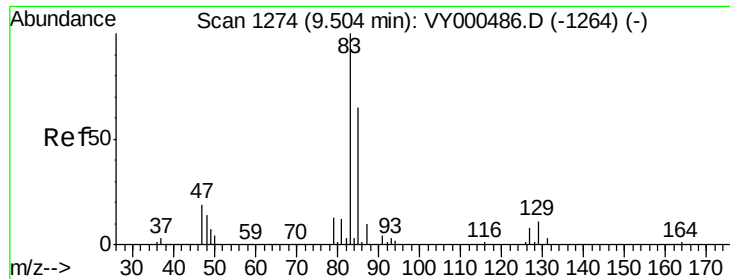
MMDadoda
 11/22/2019 12:53:12 AM



#46
 Dibromomethane
 Concen: 21.914 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.00 min
 Lab File: VY000747.D
 Acq: 20 Nov 2019 12:02

Tgt Ion	Ratio	Lower	Upper
93	100		
95	78.3	66.4	99.6
174	87.6	77.1	115.7





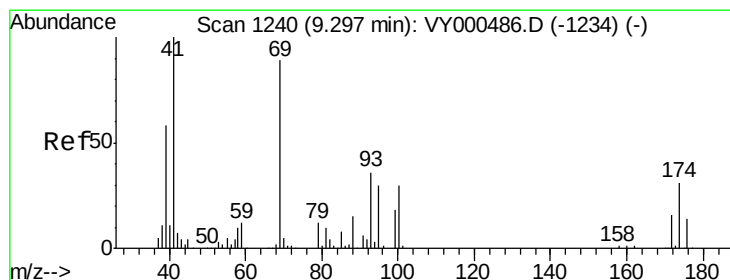
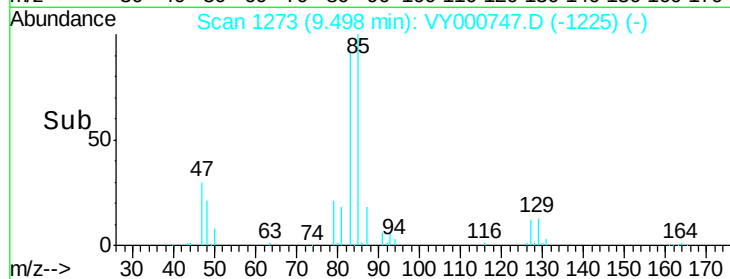
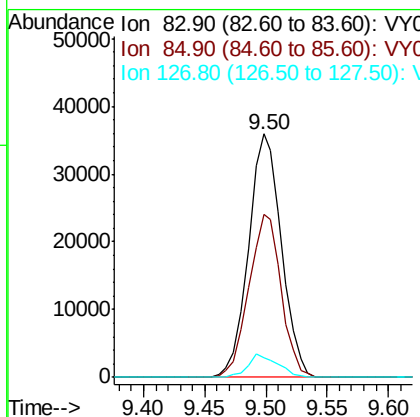
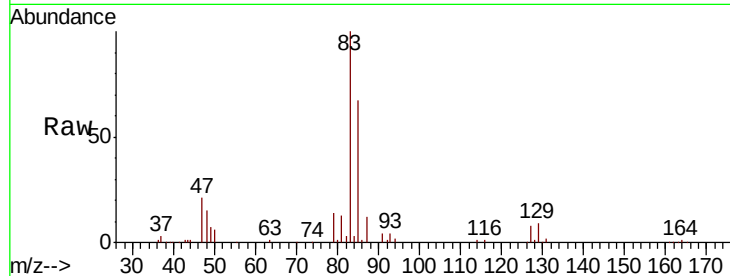
#47
Bromodichloromethane
Concen: 20.895 ug/l
RT: 9.50 min Scan# 1273
Delta R.T. -0.01 min
Lab File: VY000747.D
Acq: 20 Nov 2019 12:02

Instrument :
MSVOA_Y
ClientSampleId :
VY1120SBS01

Tot Ion	83	Resp	67141
Ion Ratio	100	Lower	Upper
83	100		
85	66.9	51.8	77.8
127	8.0	6.7	10.1

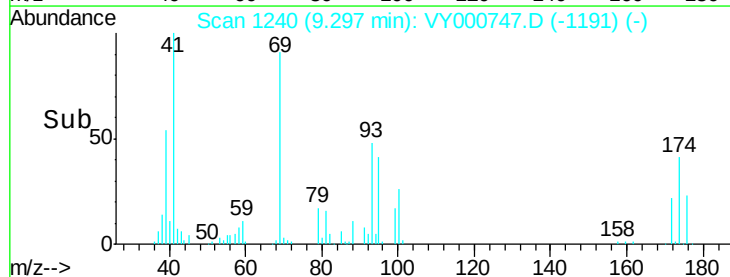
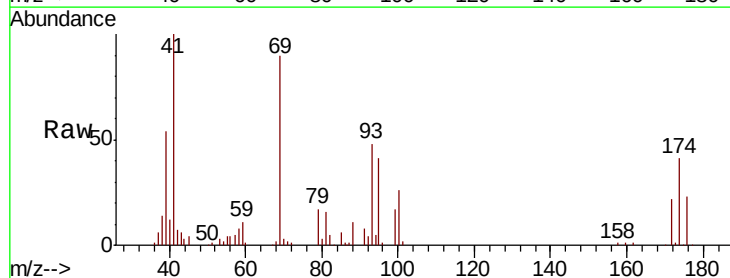
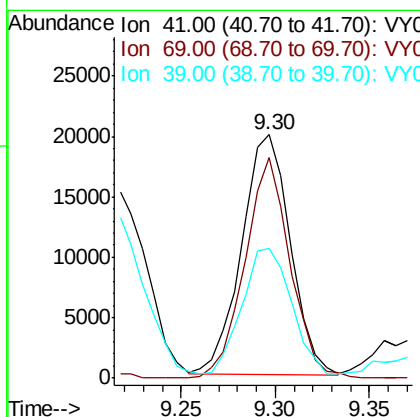
Manual Integrations
APPROVED

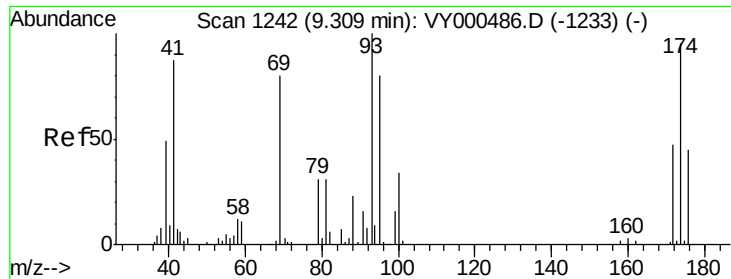
MMDadoda
11/22/2019 12:53:12 AM



#48
Methyl methacrylate
Concen: 21.338 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VY000747.D
Acq: 20 Nov 2019 12:02

Tgt Ion	41	Resp	35482
Ion Ratio	100	Lower	Upper
41	100		
69	85.1	72.5	108.7
39	57.1	47.8	71.8





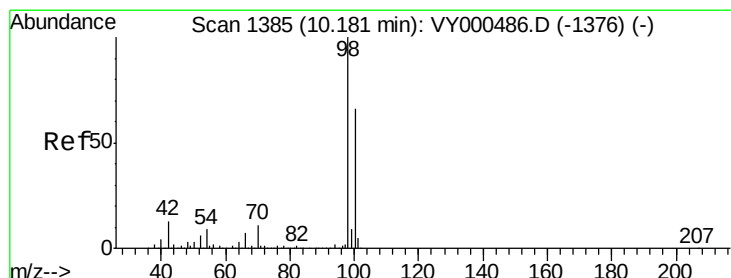
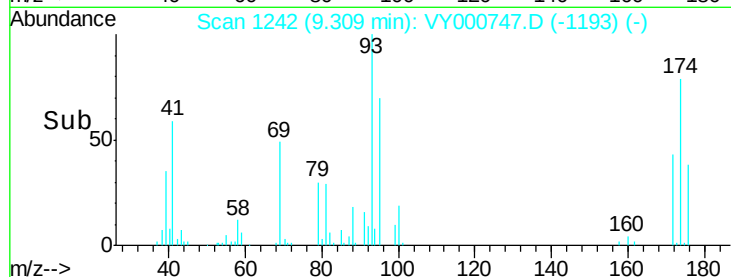
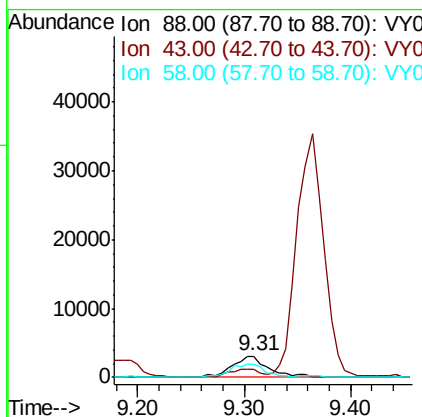
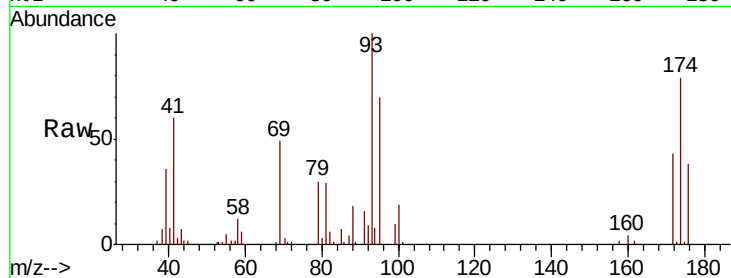
#49
 1,4-Dioxane
 Concen: 404.438 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.00 min
 Lab File: VY000747.D
 Acq: 20 Nov 2019 12:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1120SBS01

Tot Ion	88	Resp	7371
Ion	Ratio	Lower	Upper
88	100		
43	34.0	25.1	37.7
58	62.4	50.6	75.8

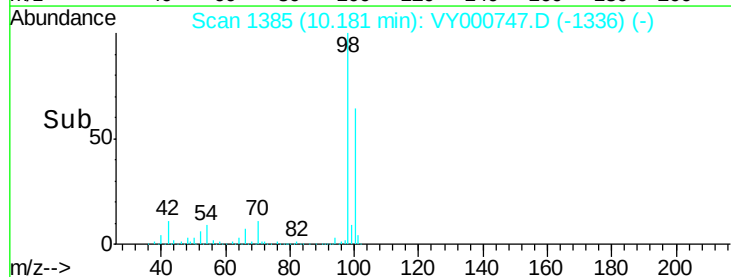
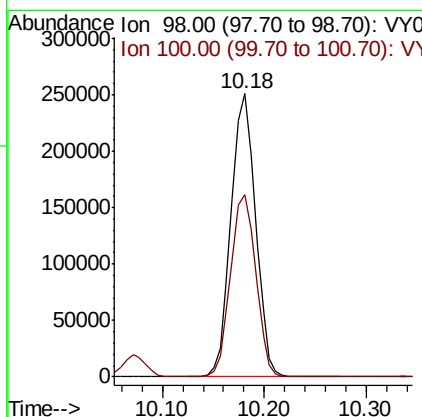
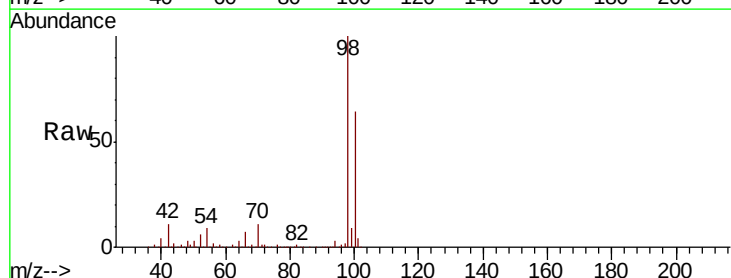
Manual Integrations
 APPROVED

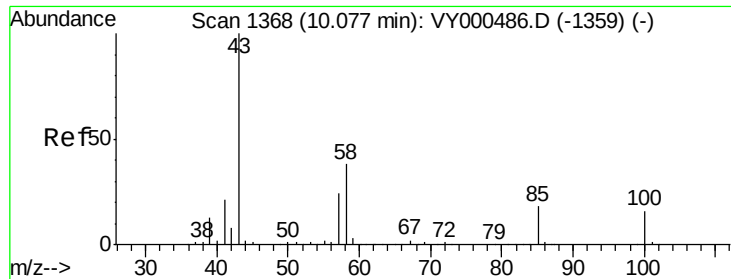
MMDadoda
 11/22/2019 12:53:12 AM



#50
 Toluene-d8
 Concen: 51.863 ug/l
 RT: 10.18 min Scan# 1385
 Delta R.T. -0.00 min
 Lab File: VY000747.D
 Acq: 20 Nov 2019 12:02

Tgt Ion	98	Resp	417033
Ion	Ratio	Lower	Upper
98	100		
100	66.2	52.9	79.3





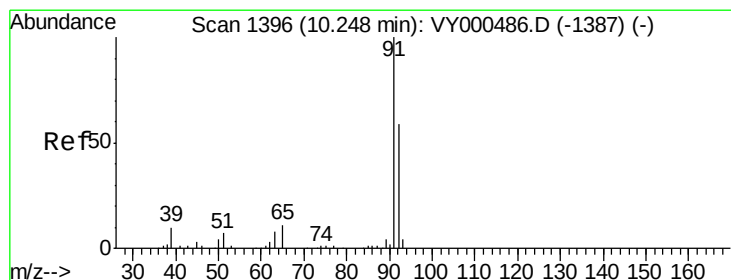
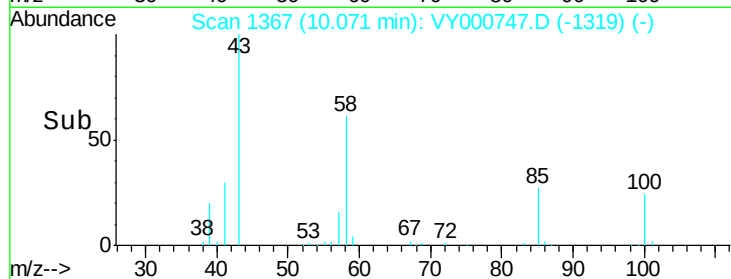
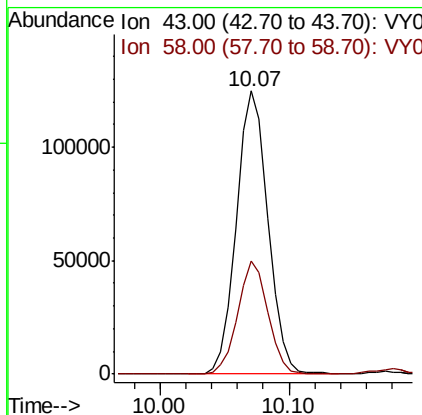
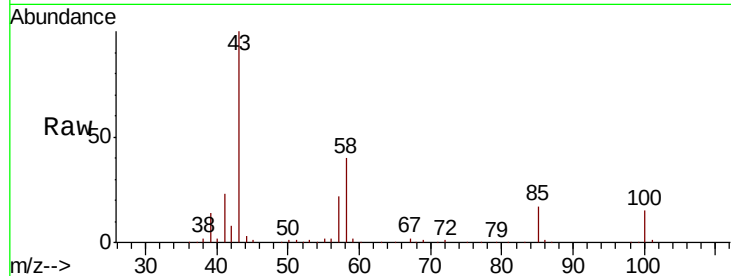
#51
4-Methyl-2-Pentanone
Concen: 104.333 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. -0.01 min
Lab File: VY000747.D
Acq: 20 Nov 2019 12:02

Instrument :
MSVOA_Y
ClientSampled :
VY1120SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	38.3	30.2	45.4

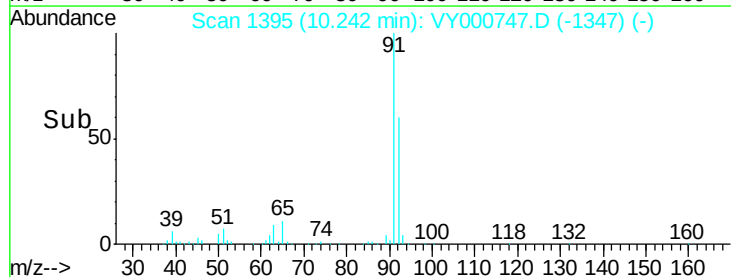
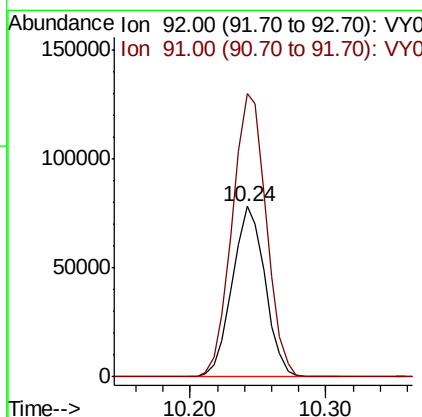
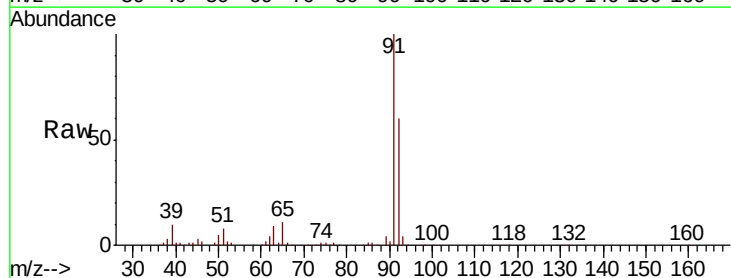
Manual Integrations
APPROVED

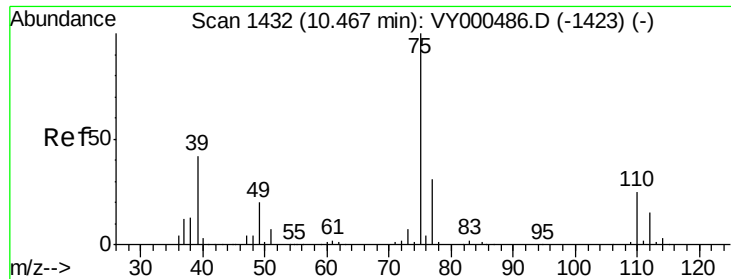
MMDadoda
11/22/2019 12:53:12 AM



#52
Toluene
Concen: 20.909 ug/l
RT: 10.24 min Scan# 1395
Delta R.T. -0.01 min
Lab File: VY000747.D
Acq: 20 Nov 2019 12:02

Tgt Ion	Ratio	Lower	Upper
92	100		
91	171.5	136.3	204.5





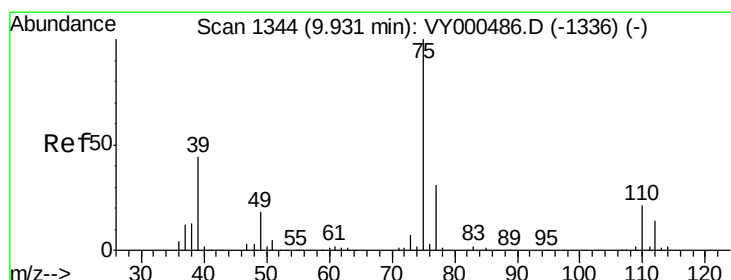
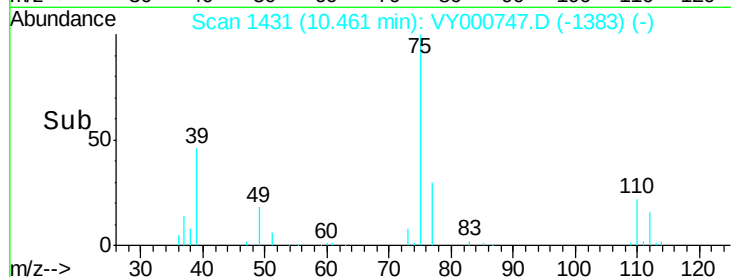
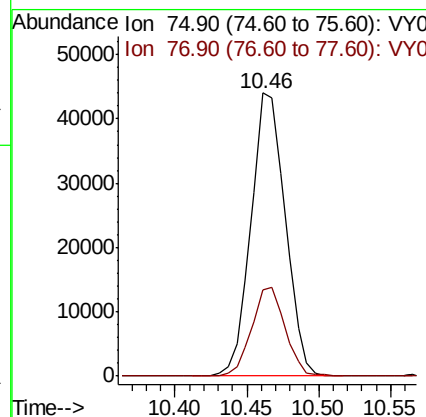
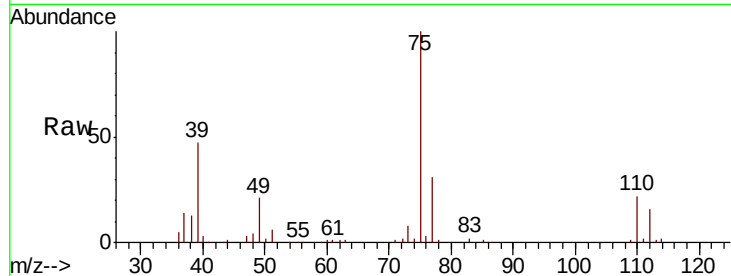
#53
 t-1,3-Dichloropropene
 Concen: 21.046 ug/l
 RT: 10.46 min Scan# 1431
 Delta R.T. -0.01 min
 Lab File: VY000747.D
 Acq: 20 Nov 2019 12:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1120SBS01

Tot Ion: 75 Resp: 72258
 Ion Ratio Lower Upper
 75 100
 77 30.7 24.6 37.0

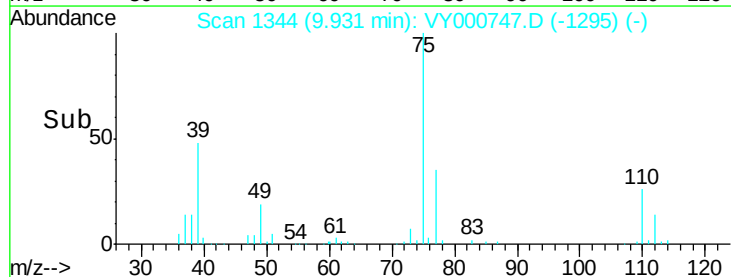
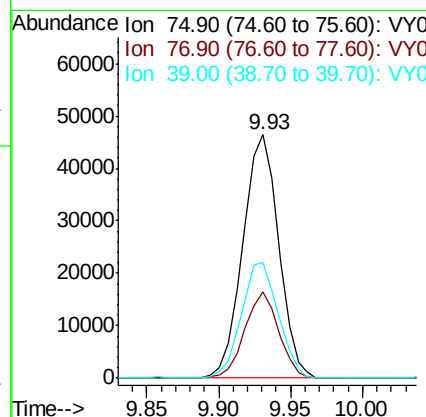
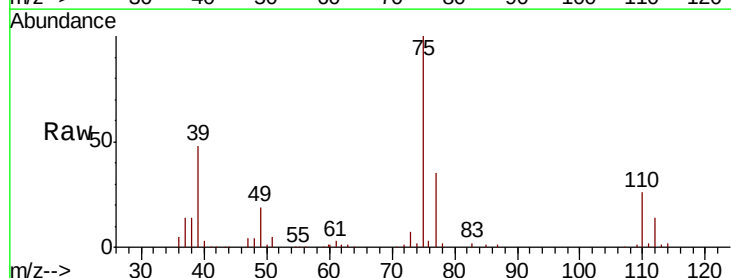
Manual Integrations
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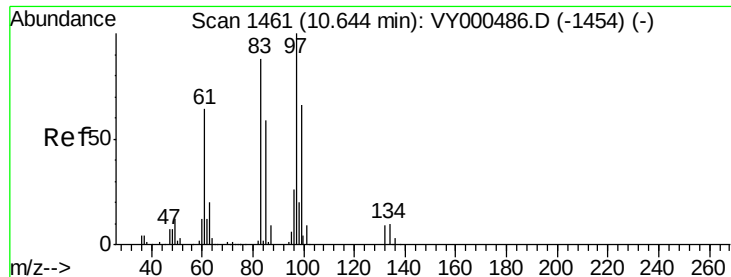
MMDadoda
 11/22/2019 12:53:12 AM



#54
 cis-1,3-Dichloropropene
 Concen: 20.337 ug/l
 RT: 9.93 min Scan# 1344
 Delta R.T. -0.00 min
 Lab File: VY000747.D
 Acq: 20 Nov 2019 12:02

Tgt Ion: 75 Resp: 79989
 Ion Ratio Lower Upper
 75 100
 77 35.5 24.5 36.7
 39 47.7 35.4 53.2





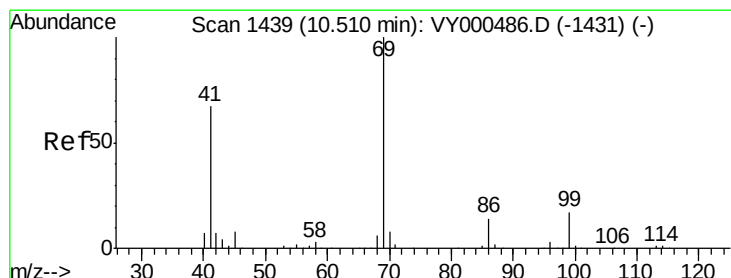
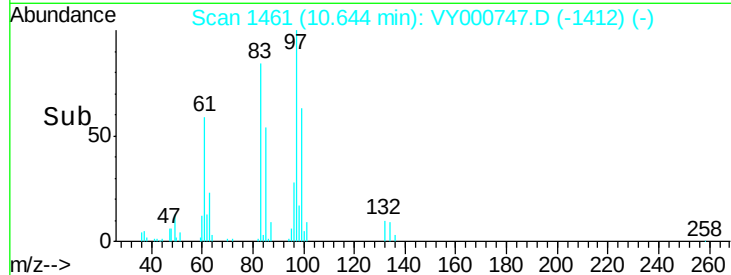
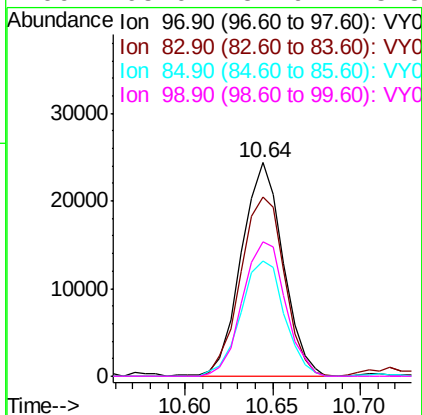
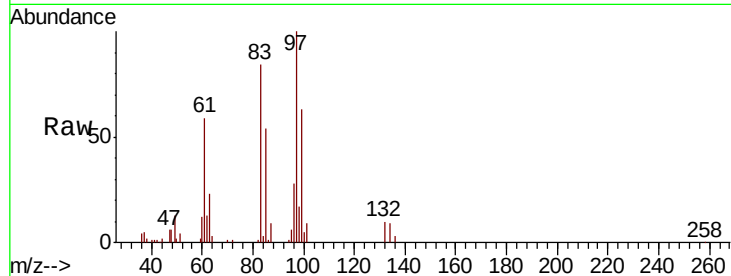
#55
 1,1,2-Trichloroethane
 Concen: 20.675 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.00 min
 Lab File: VY000747.D
 Acq: 20 Nov 2019 12:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1120SBS01

Tot Ion:	97	Resp:	40495
Ion	Ratio	Lower	Upper
97	100		
83	84.1	70.2	105.4
85	54.1	46.9	70.3
99	63.0	52.6	78.8

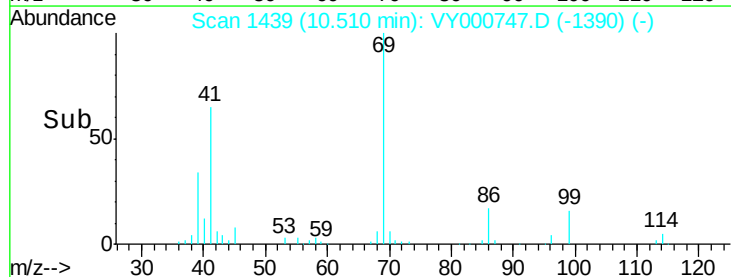
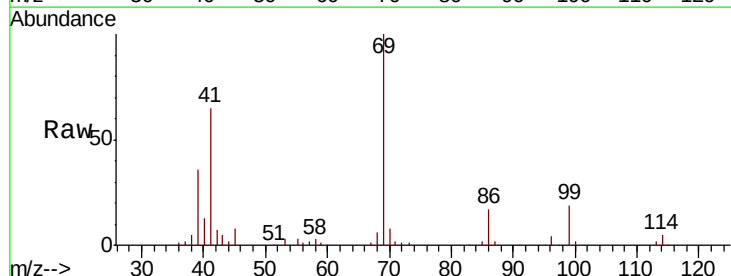
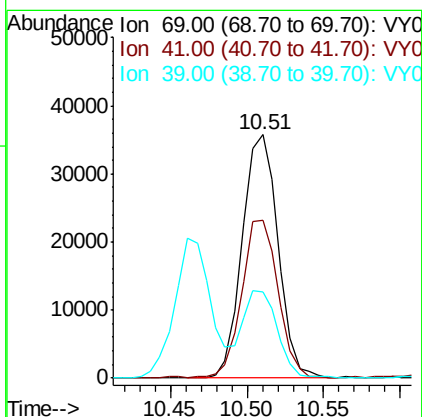
Manual Integrations
 APPROVED

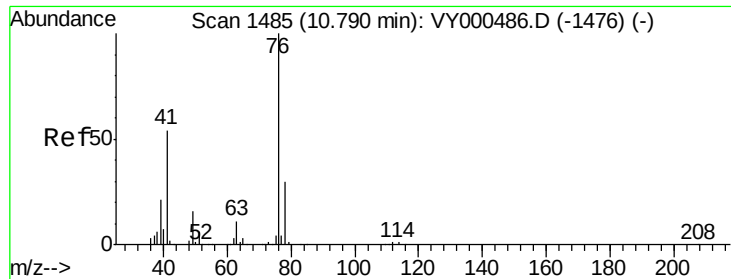
MMDadoda
 11/22/2019 12:53:12 AM



#56
 Ethyl methacrylate
 Concen: 20.937 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: VY000747.D
 Acq: 20 Nov 2019 12:02

Tgt Ion:	69	Resp:	58122
Ion	Ratio	Lower	Upper
69	100		
41	65.4	53.3	79.9
39	36.5	28.0	42.0





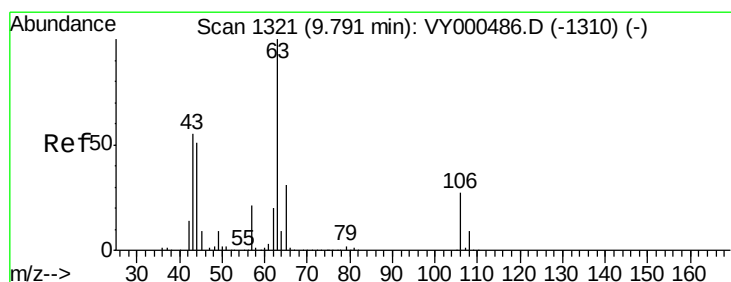
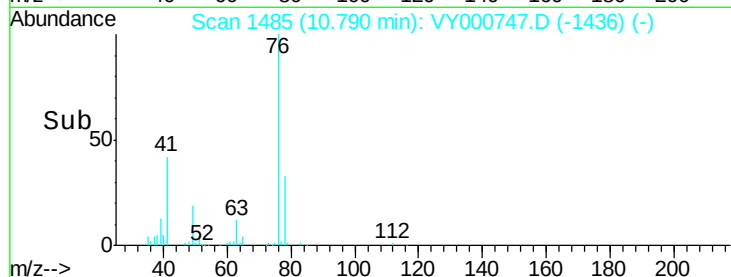
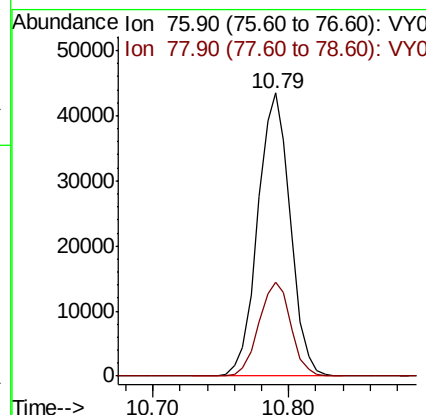
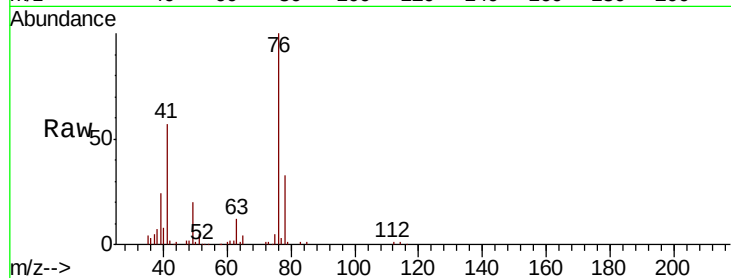
#57
 1,3-Dichloropropane
 Concen: 21.198 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. -0.00 min
 Lab File: VY000747.D
 Acq: 20 Nov 2019 12:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1120SBS01

Tot Ion: 76 Resp: 72668
 Ion Ratio Lower Upper
 76 100
 78 32.7 25.2 37.8

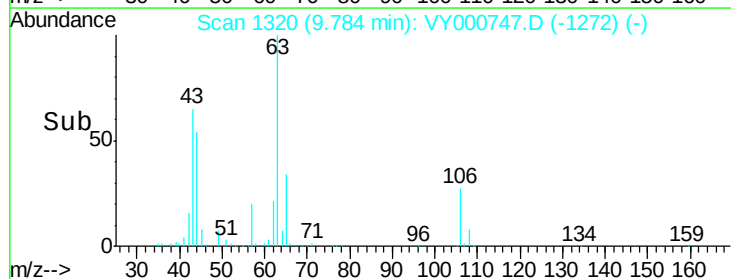
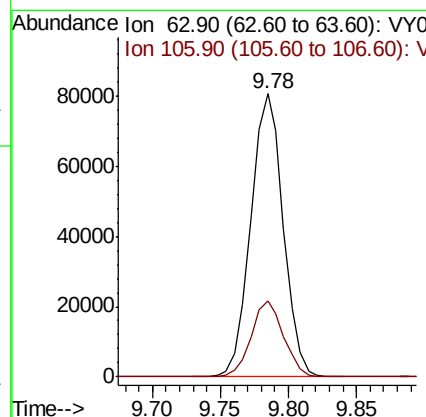
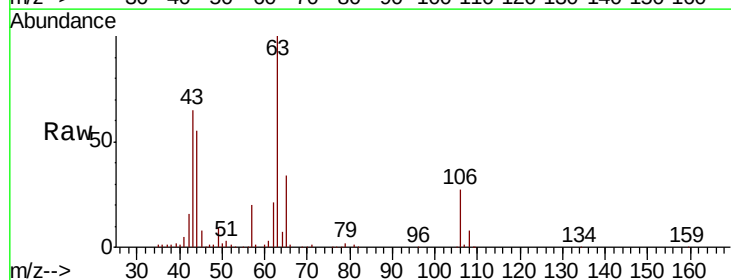
Manual Integrations
 APPROVED

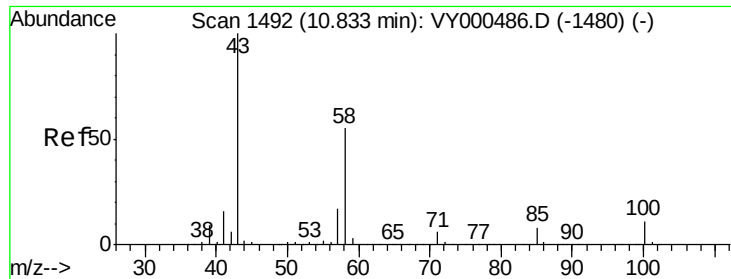
MMDadoda
 11/22/2019 12:53:12 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 107.012 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. -0.01 min
 Lab File: VY000747.D
 Acq: 20 Nov 2019 12:02

Tgt Ion: 63 Resp: 134304
 Ion Ratio Lower Upper
 63 100
 106 27.0 22.6 33.8





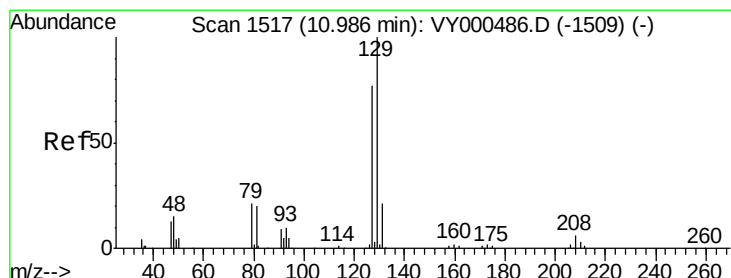
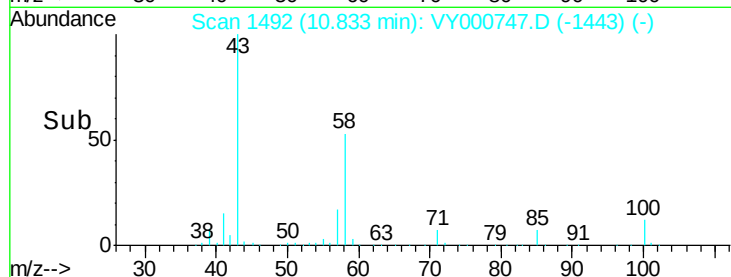
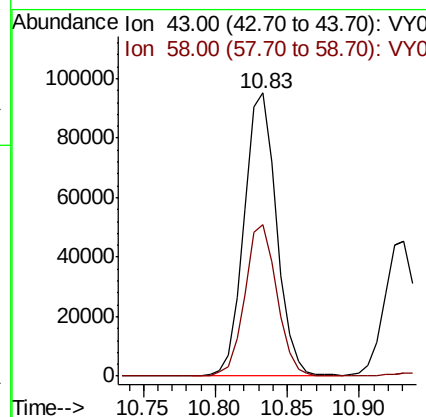
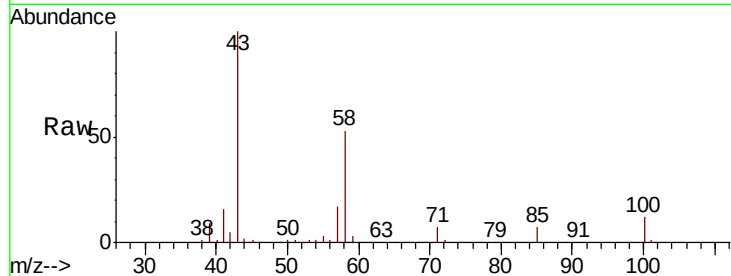
#59
2-Hexanone
Concen: 100.746 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY000747.D
Acq: 20 Nov 2019 12:02

Instrument :
MSVOA_Y
ClientSampleId :
VY1120SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	52.6	27.1	81.3

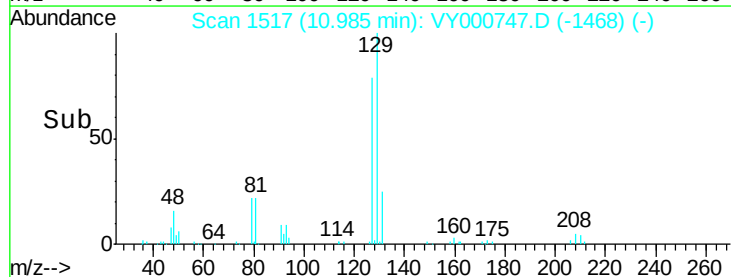
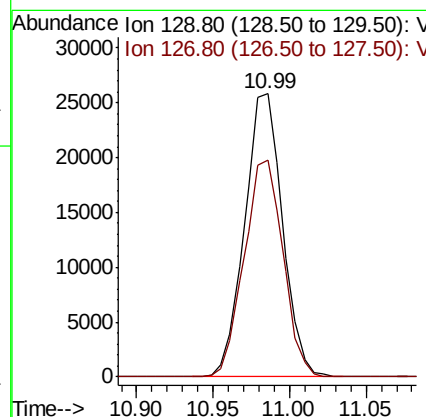
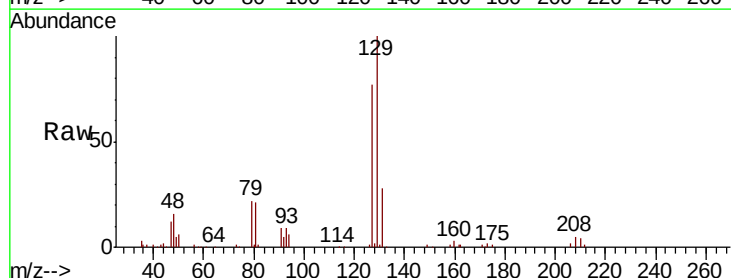
Manual Integrations
APPROVED

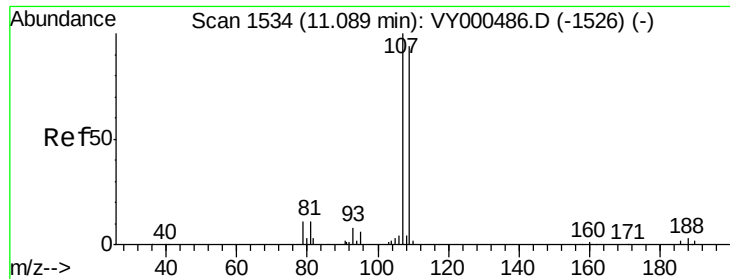
MMDadoda
11/22/2019 12:53:12 AM



#60
Dibromochloromethane
Concen: 19.825 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY000747.D
Acq: 20 Nov 2019 12:02

Tgt Ion	Ratio	Lower	Upper
129	100		
127	78.5	39.1	117.2





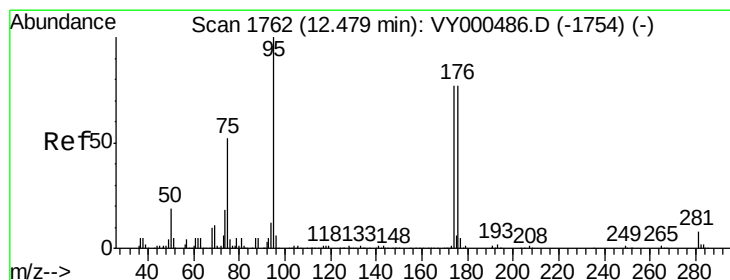
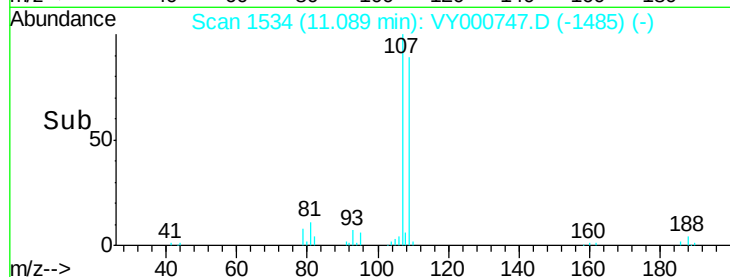
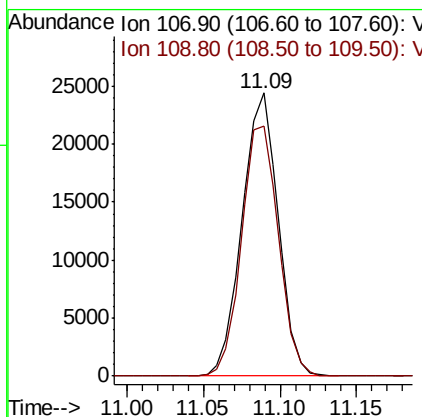
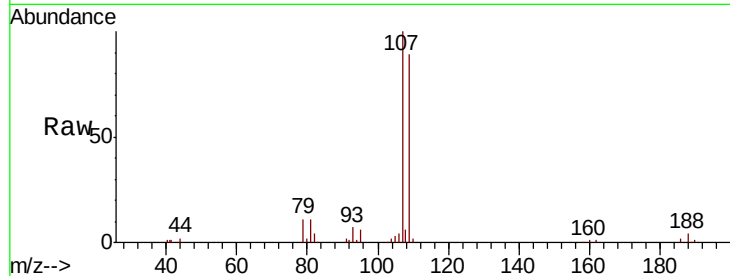
#61
 1,2-Dibromoethane
 Concen: 21.222 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VY000747.D
 Acq: 20 Nov 2019 12:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1120SBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	90.6	73.6	110.4

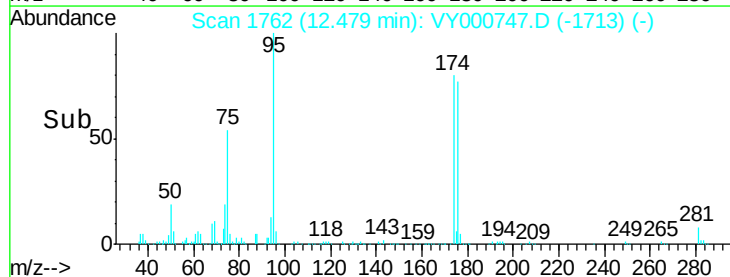
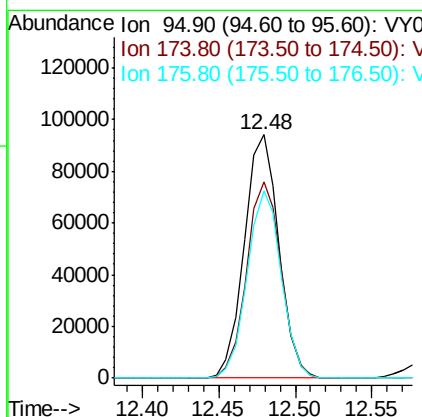
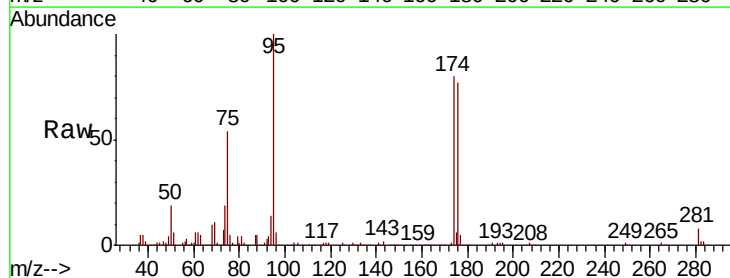
Manual Integrations
 APPROVED

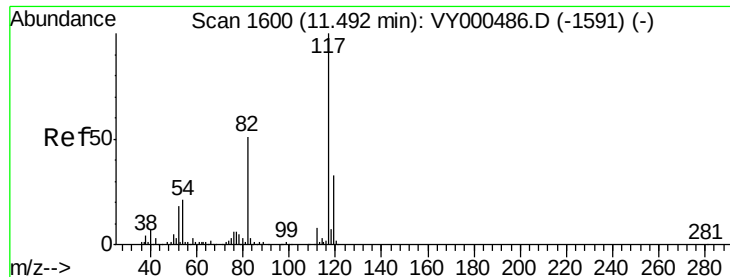
MMDadoda
 11/22/2019 12:53:12 AM



#62
 4-Bromofluorobenzene
 Concen: 48.233 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VY000747.D
 Acq: 20 Nov 2019 12:02

Tgt Ion	Ratio	Lower	Upper
95	100		
174	80.6	0.0	161.6
176	76.4	0.0	157.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1599

Delta R.T. -0.01 min

Lab File: VY000747.D

Acq: 20 Nov 2019 12:02

Instrument :

MSVOA_Y

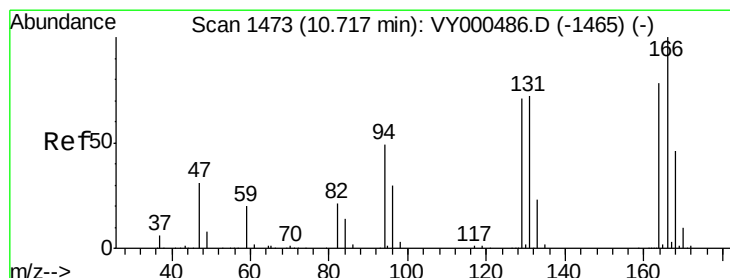
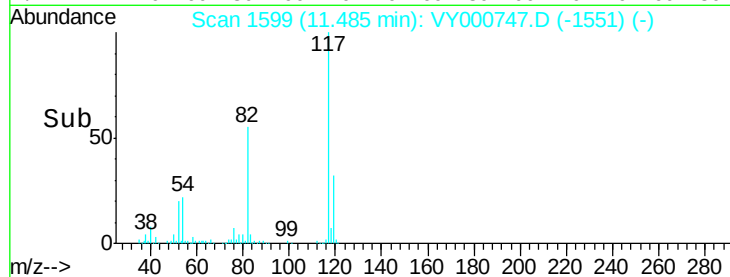
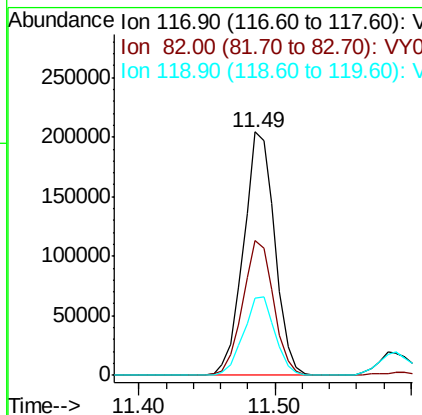
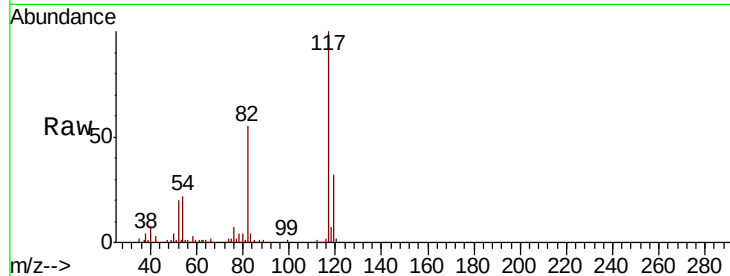
ClientSampleId :

VY1120SBS01

Tot Ion:	117	Resp:	327382
Ion Ratio	Lower	Upper	
117	100		
82	55.2	40.8	61.2
119	31.9	26.2	39.2

Manual Integrations
APPROVED

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#64

Tetrachloroethene

Concen: 21.351 ug/l

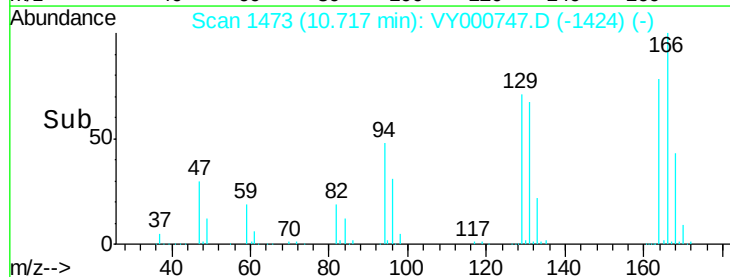
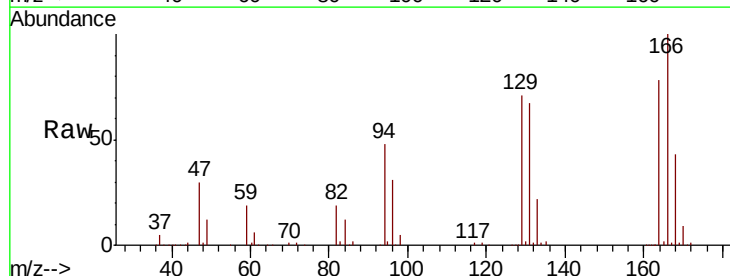
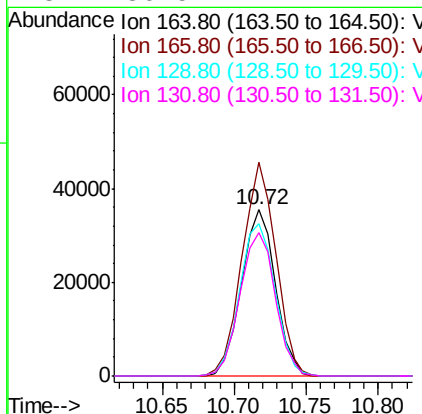
RT: 10.72 min Scan# 1473

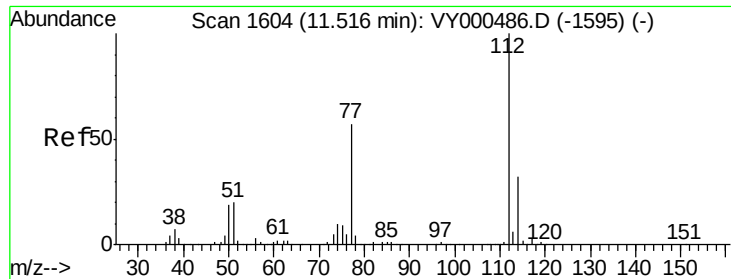
Delta R.T. -0.00 min

Lab File: VY000747.D

Acq: 20 Nov 2019 12:02

Tgt Ion:	164	Resp:	57799
Ion Ratio	Lower	Upper	
164	100		
166	128.5	102.7	154.1
129	91.4	73.2	109.8
131	86.5	74.2	111.2





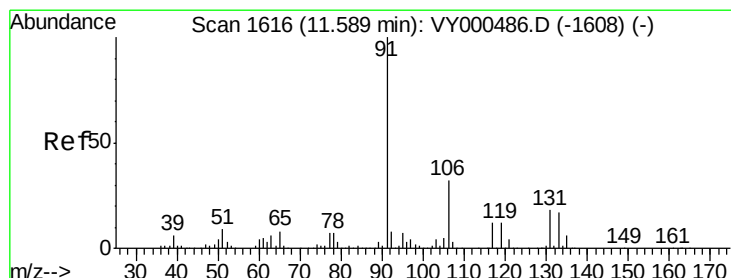
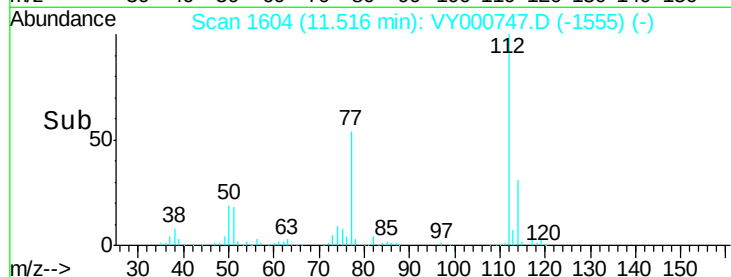
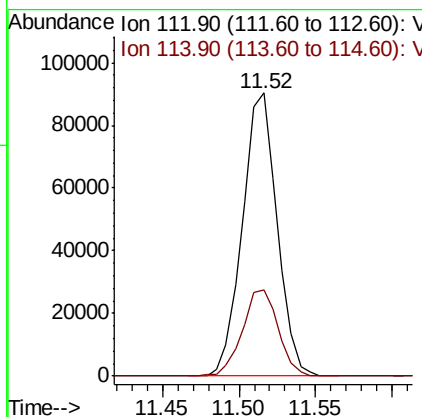
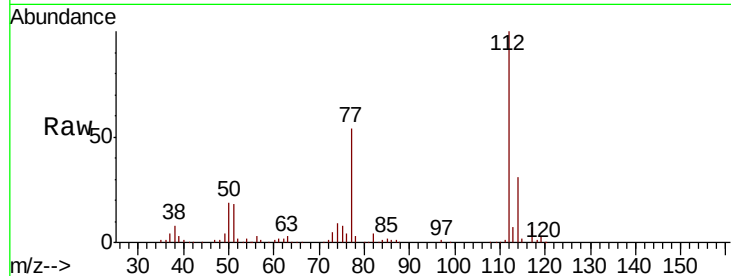
#65
Chlorobenzene
Concen: 21.398 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY000747.D
Acq: 20 Nov 2019 12:02

Instrument :
MSVOA_Y
ClientSampleId :
VY1120SBS01

Tot Ion:112 Resp: 142034
Ion Ratio Lower Upper
112 100
114 30.6 25.3 37.9

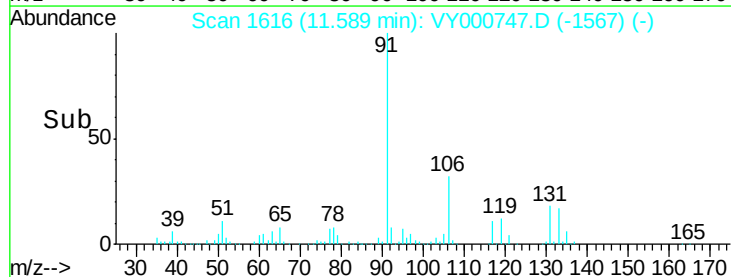
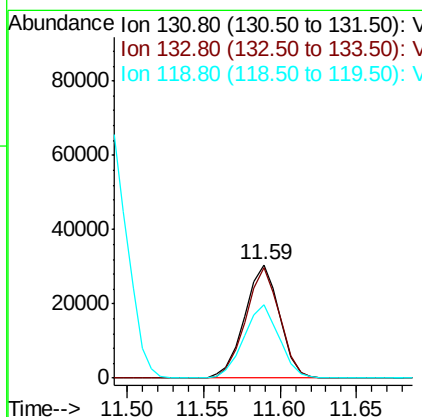
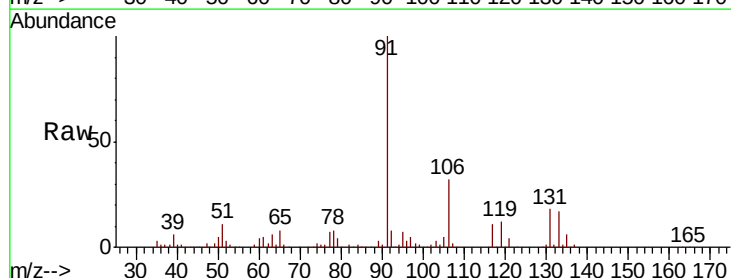
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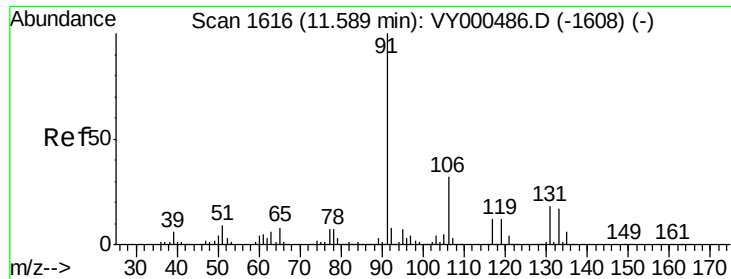
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.985 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY000747.D
Acq: 20 Nov 2019 12:02

Tgt Ion:131 Resp: 48309
Ion Ratio Lower Upper
131 100
133 95.0 47.9 143.8
119 65.7 33.1 99.3





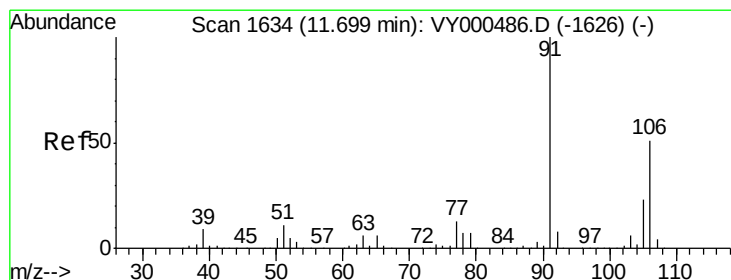
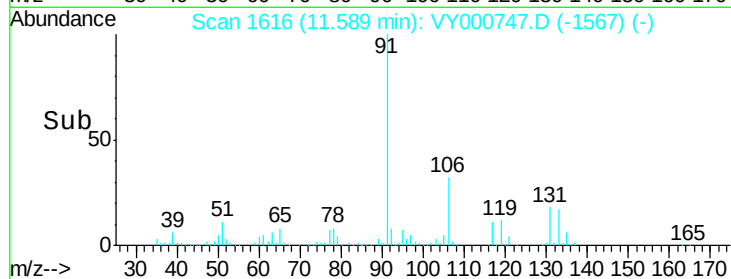
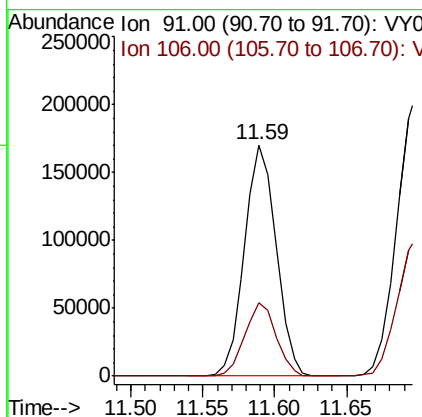
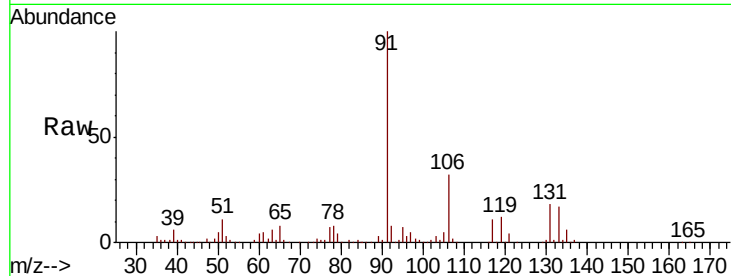
#67
Ethyl Benzene
Concen: 21.179 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY000747.D
Acq: 20 Nov 2019 12:02

Instrument :
MSVOA_Y
ClientSampleId :
VY1120SBS01

Tot Ion: 91 Resp: 258720
Ion Ratio Lower Upper
91 100
106 32.0 25.4 38.0

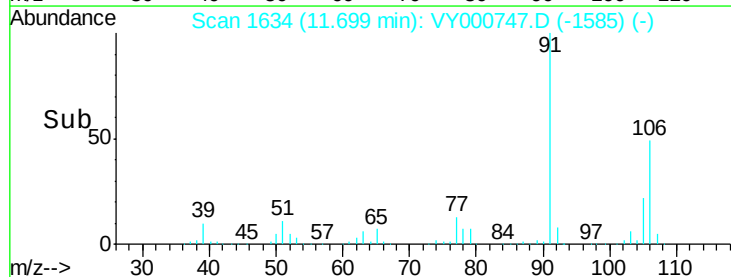
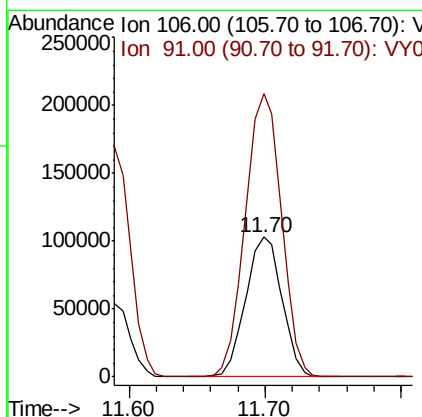
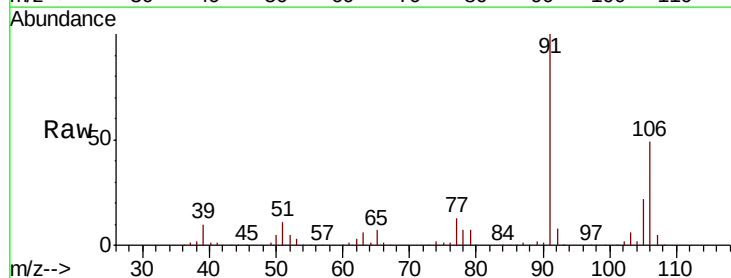
Manual Integrations
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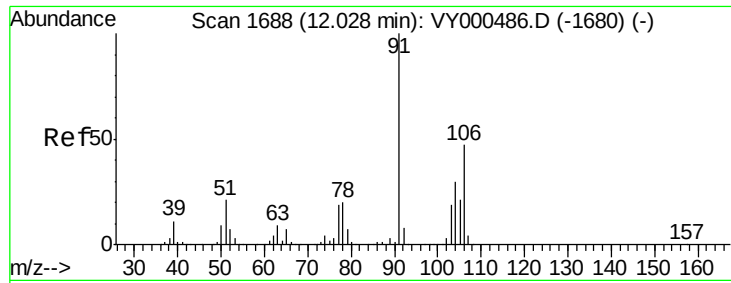
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#68
m/p-Xylenes
Concen: 40.825 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VY000747.D
Acq: 20 Nov 2019 12:02

Tgt Ion: 106 Resp: 193026
Ion Ratio Lower Upper
106 100
91 202.6 155.9 233.9





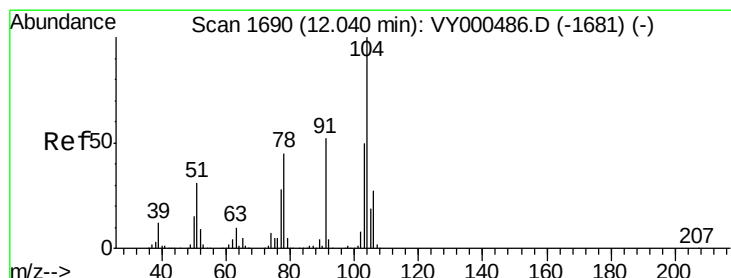
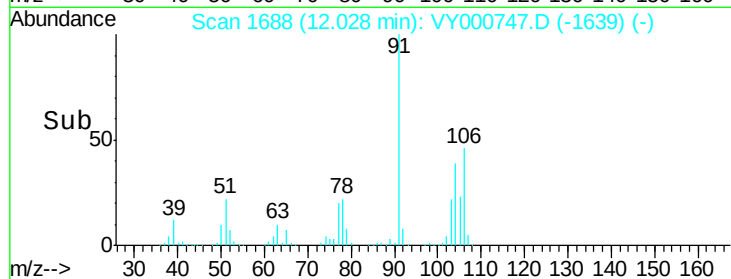
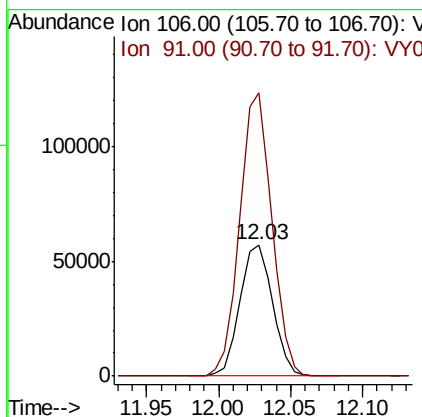
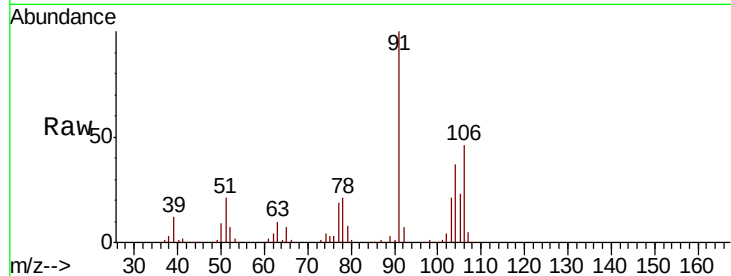
#69
o-Xylene
Concen: 20.318 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY000747.D
Acq: 20 Nov 2019 12:02

Instrument :
MSVOA_Y
ClientSampleId :
VY1120SBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100				
91	211.2	106.5	319.6		

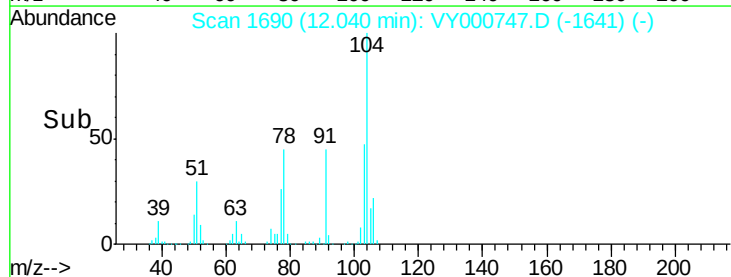
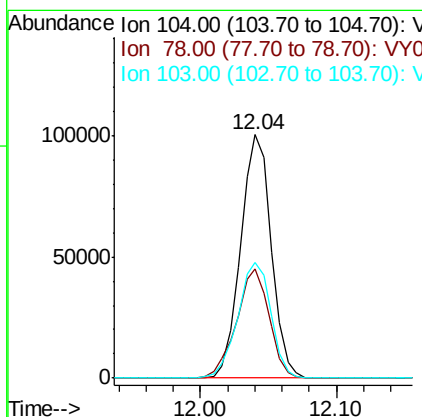
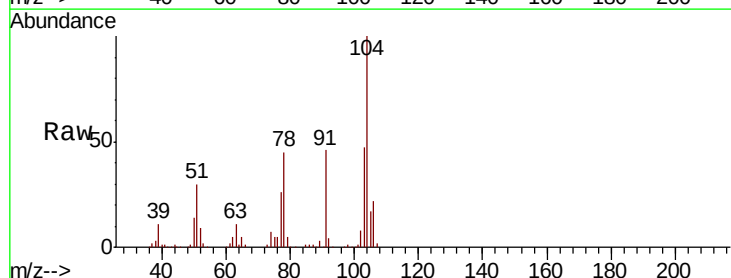
Manual Integrations
APPROVED

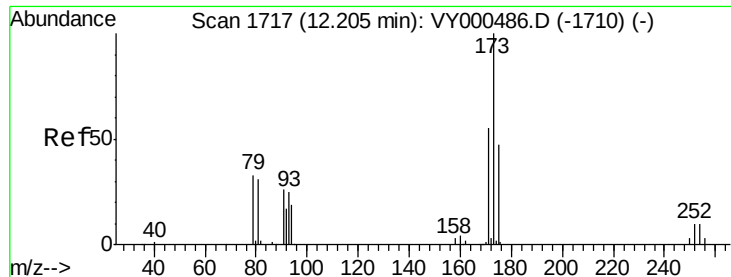
MMDadoda
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#70
Styrene
Concen: 20.683 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VY000747.D
Acq: 20 Nov 2019 12:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100				
78	48.0	39.0	58.4		
103	51.5	42.5	63.7		





#71

Bromoform

Concen: 20.228 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. 0.01 min

Lab File: VY000747.D

Acq: 20 Nov 2019 12:02

Instrument :

MSVOA_Y

ClientSampleId :

VY1120SBS01

Tot Ion:173 Resp: 26783

Ion Ratio Lower Upper

173 100

175 51.6 24.4 73.2

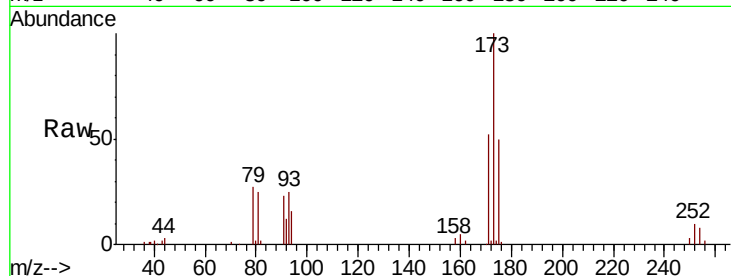
254 0.0 0.1 0.1#

Manual Integrations

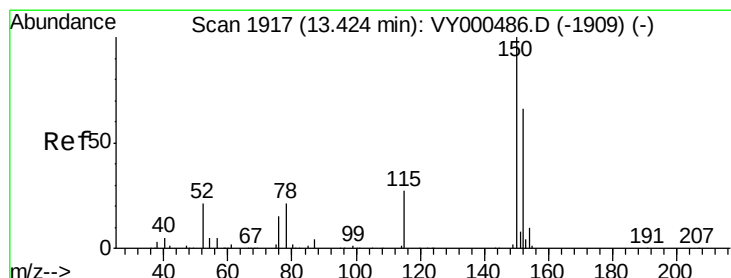
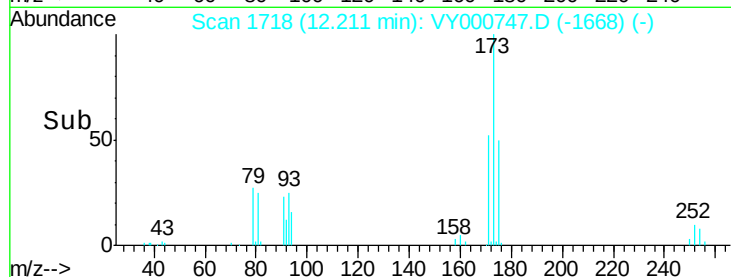
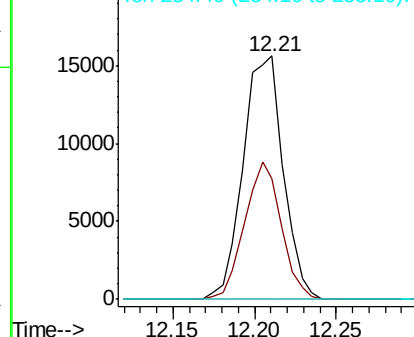
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. -0.00 min

Lab File: VY000747.D

Acq: 20 Nov 2019 12:02

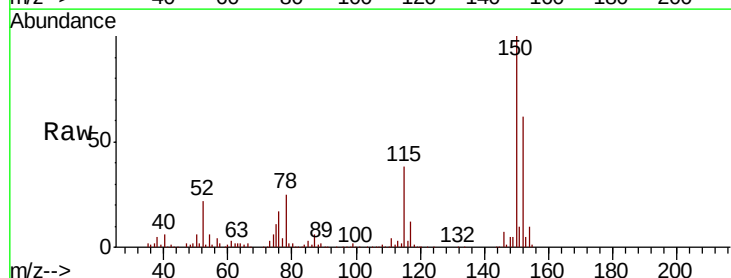
Tgt Ion:152 Resp: 159034

Ion Ratio Lower Upper

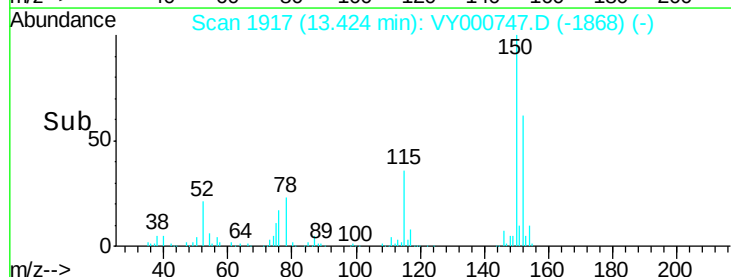
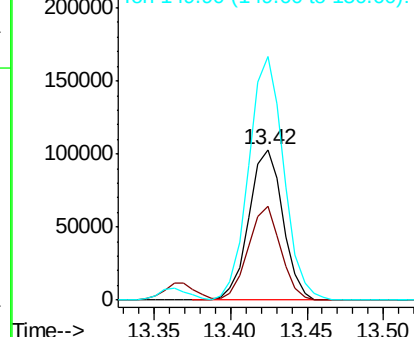
152 100

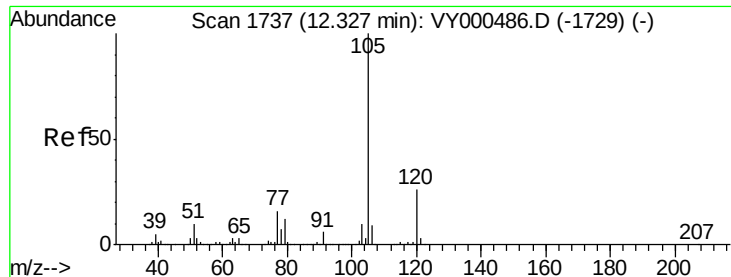
115 59.3 29.1 87.4

150 166.7 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: 21.232 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY000747.D

Acq: 20 Nov 2019 12:02

Instrument :

MSVOA_Y

ClientSampleId :

VY1120SBS01

Tot Ion:105 Resp: 249559

Ion Ratio Lower Upper

105 100

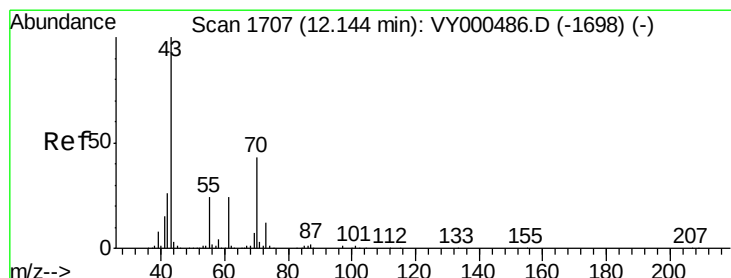
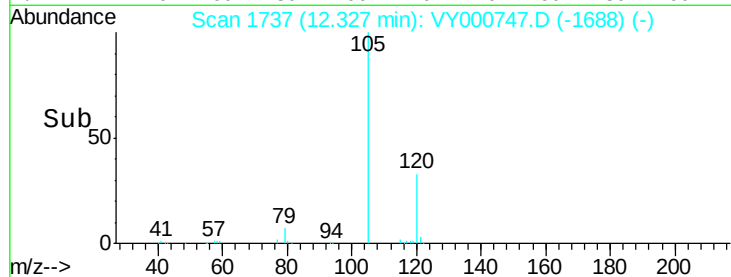
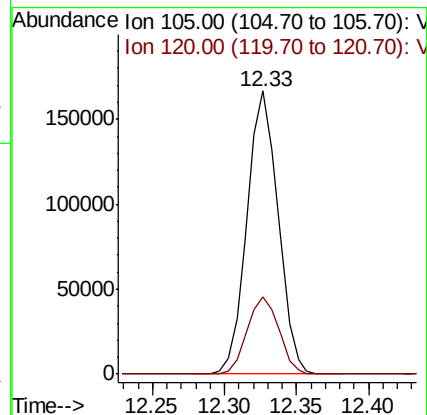
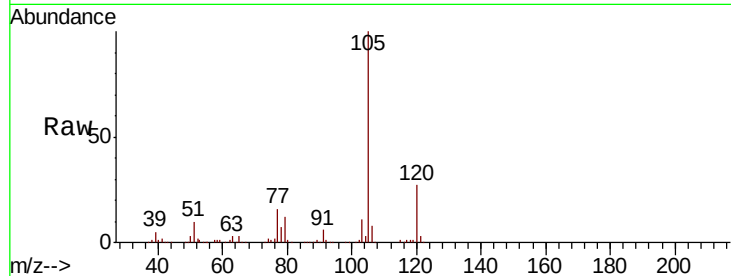
120 27.7 13.5 40.4

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#74

N-ethyl acetate

Concen: 20.938 ug/l

RT: 12.14 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VY000747.D

Acq: 20 Nov 2019 12:02

Tgt Ion: 43 Resp: 70482

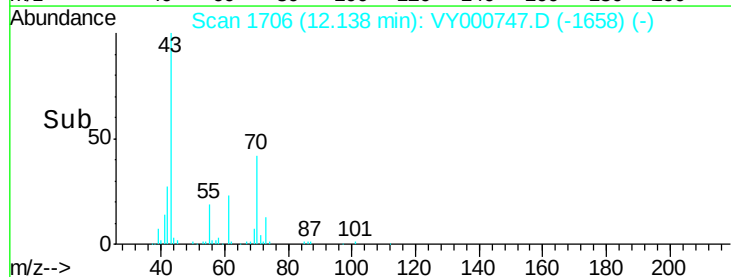
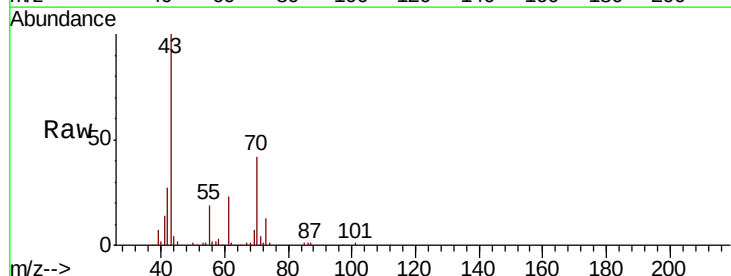
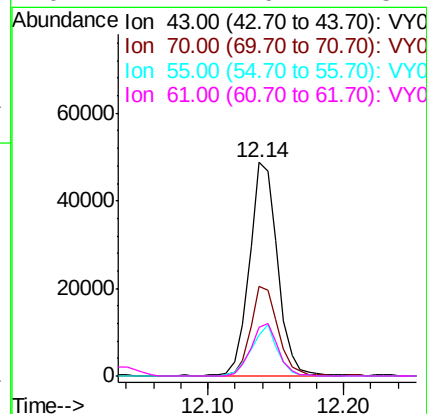
Ion Ratio Lower Upper

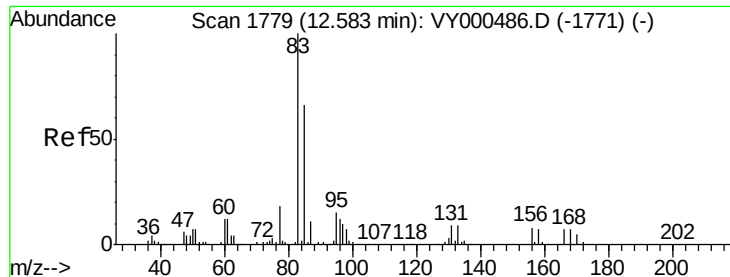
43 100

70 41.1 33.1 49.7

55 22.2 18.0 27.0

61 24.1 19.1 28.7





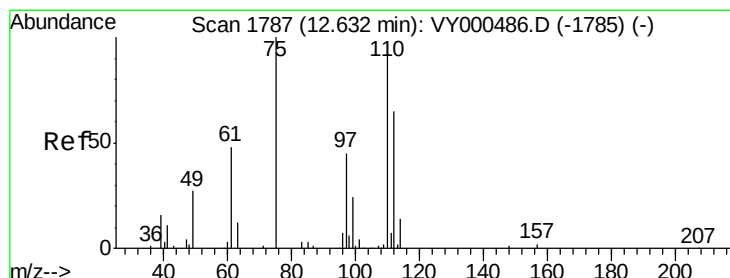
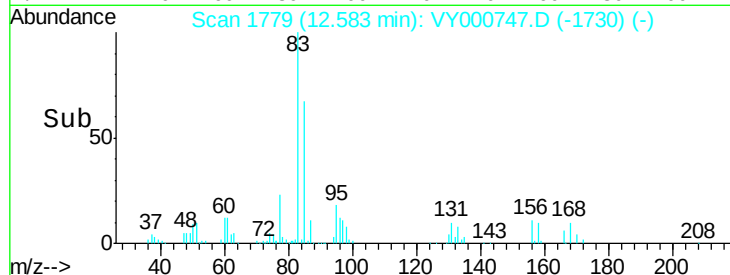
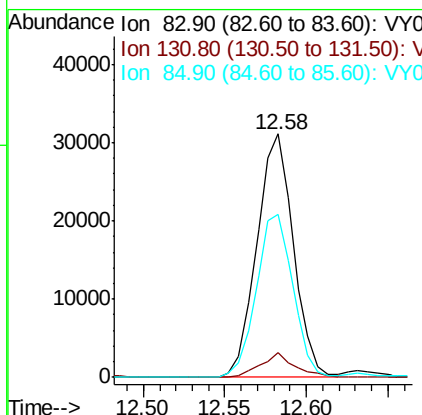
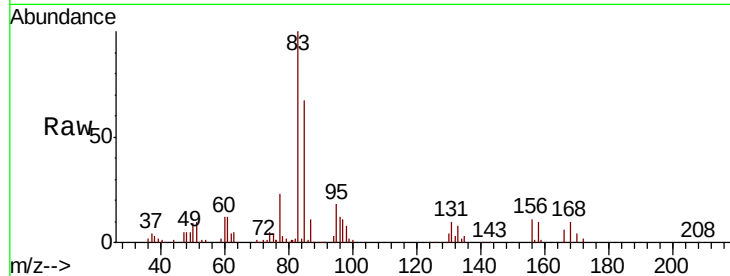
#75
 1,1,2,2-Tetrachloroethane
 Concen: 20.848 ug/l
 RT: 12.58 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VY000747.D
 Acq: 20 Nov 2019 12:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1120SBS01

Tot Ion	Ratio	Resp	Lower	Upper
83	100	48519		
131	9.3	5.0	14.9	
85	67.1	32.3	96.9	

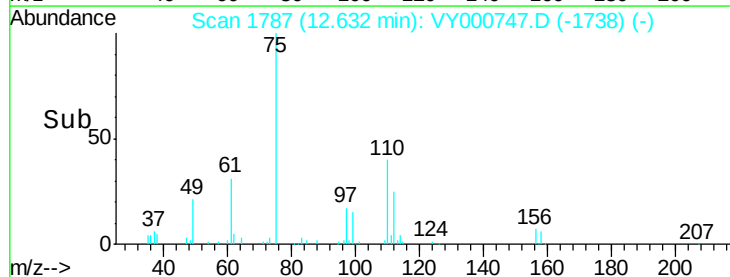
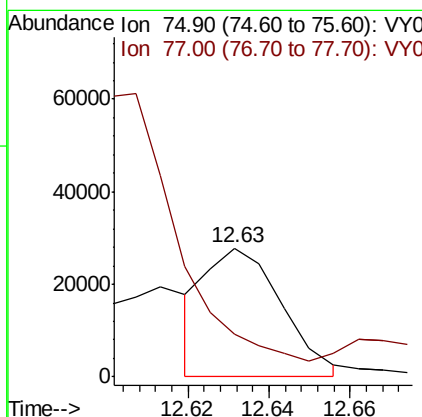
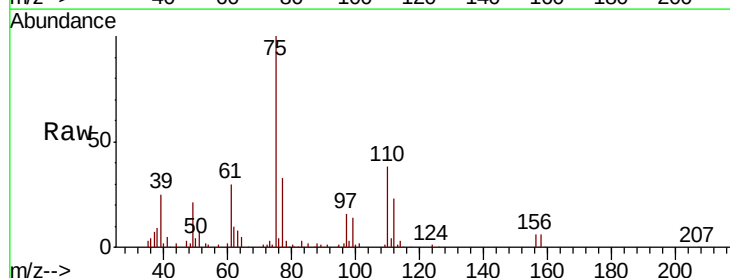
Manual Integrations
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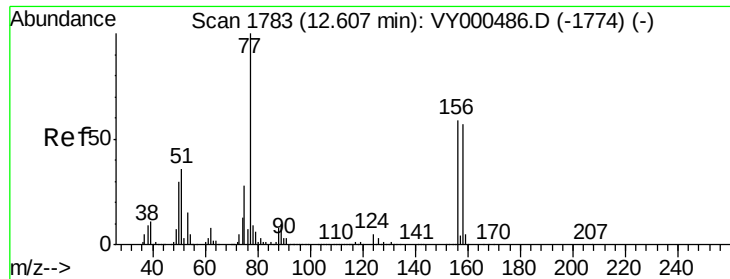
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#76
 1,2,3-Trichloropropane
 Concen: 20.073 ug/l m
 RT: 12.63 min Scan# 1787
 Delta R.T. -0.00 min
 Lab File: VY000747.D
 Acq: 20 Nov 2019 12:02

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	36349		
77	0.0	0.0	0.0	





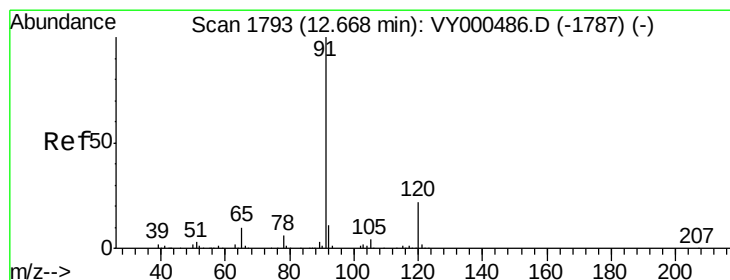
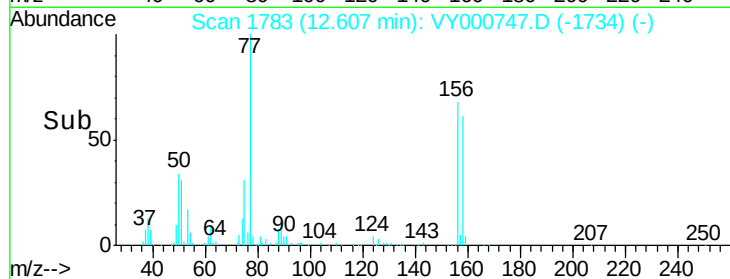
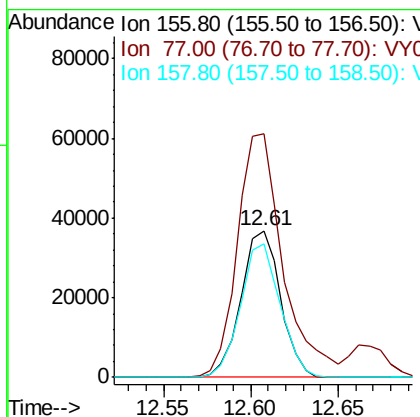
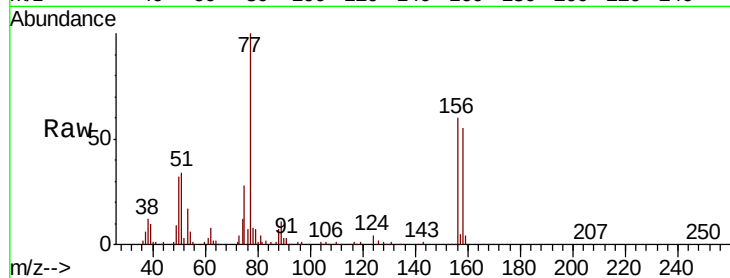
#77
Bromobenzene
Concen: 21.718 ug/l
RT: 12.61 min Scan# 1783
Delta R.T. -0.00 min
Lab File: VY000747.D
Acq: 20 Nov 2019 12:02

Instrument :
MSVOA_Y
ClientSampleId :
VY1120SBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	191.8	98.2	294.4
158	91.3	49.6	149.0

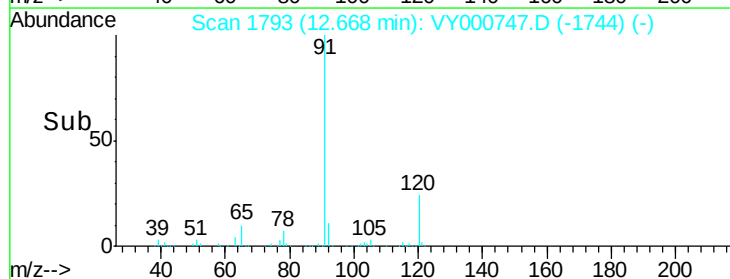
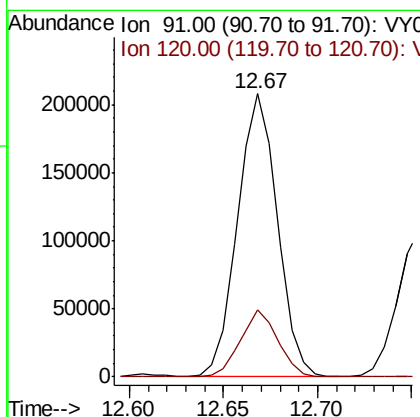
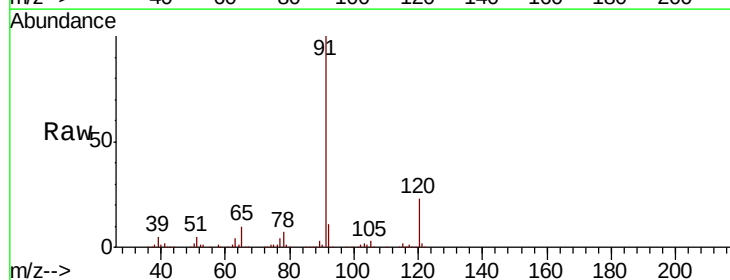
Manual Integrations
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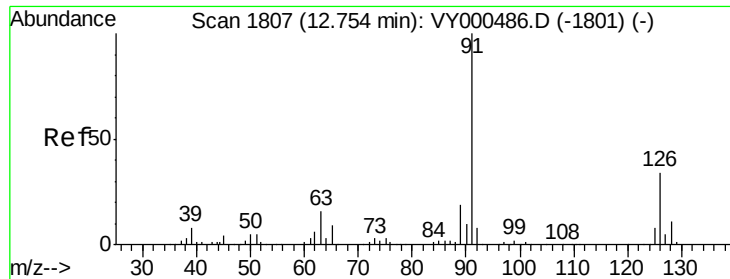
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#78
n-propylbenzene
Concen: 21.501 ug/l
RT: 12.67 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VY000747.D
Acq: 20 Nov 2019 12:02

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.3	11.4	34.1





#79

2-Chlorotoluene

Concen: 20.959 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. -0.00 min

Lab File: VY000747.D

Acq: 20 Nov 2019 12:02

Instrument :

MSVOA_Y

ClientSampleId :

VY1120SBS01

Tot Ion: 91 Resp: 165017

Ion Ratio Lower Upper

91 100

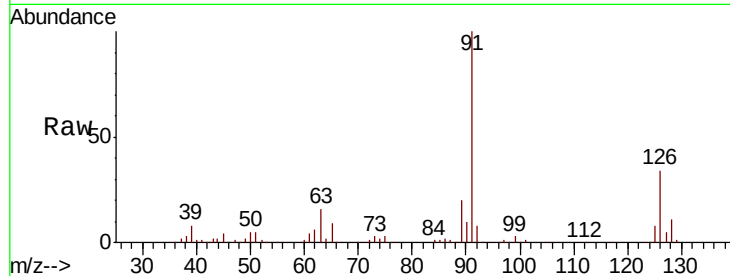
126 35.0 17.7 53.1

Manual Integrations

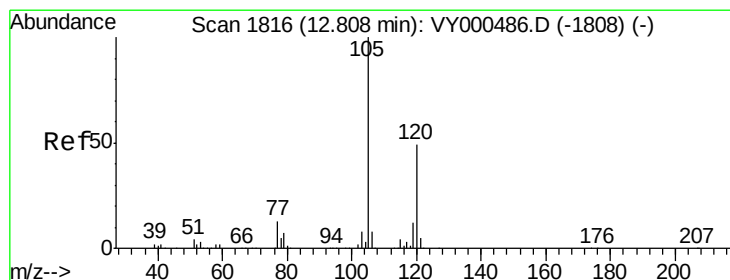
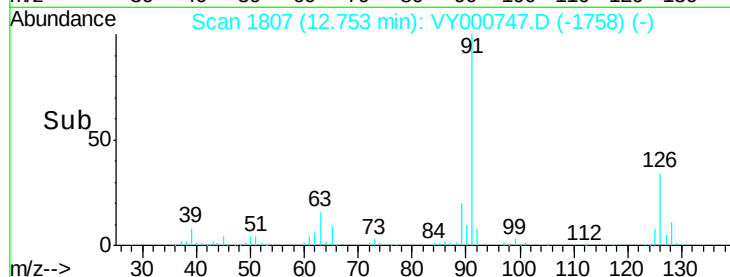
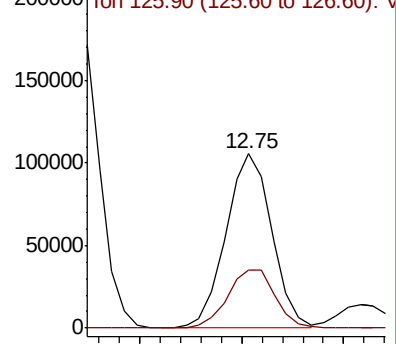
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Abundance Ion 91.00 (90.70 to 91.70): VY000747.D (-1758) (-)



#80

1,3,5-Trimethylbenzene

Concen: 21.357 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VY000747.D

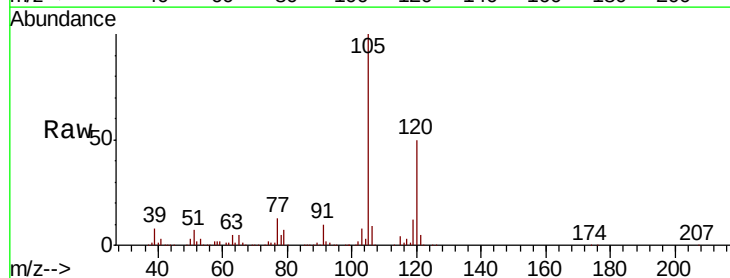
Acq: 20 Nov 2019 12:02

Tgt Ion: 105 Resp: 209064

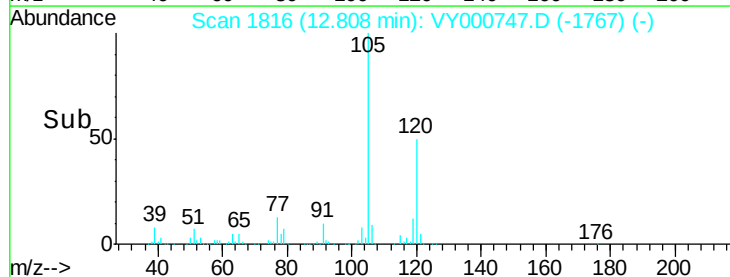
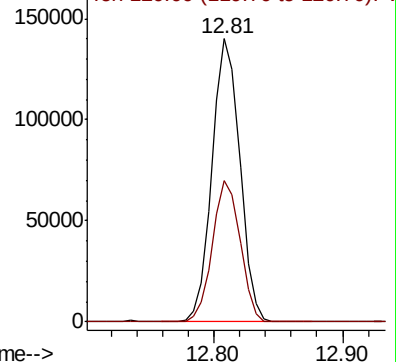
Ion Ratio Lower Upper

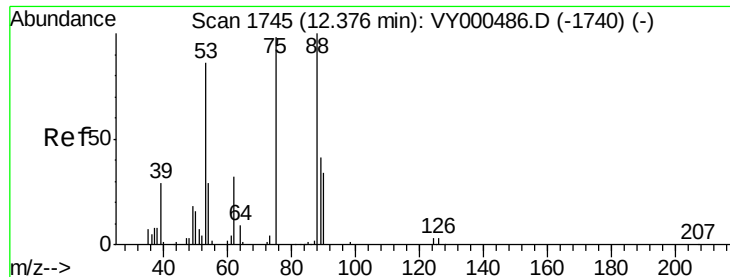
105 100

120 49.8 24.9 74.8



Abundance Ion 105.00 (104.70 to 105.70): VY000747.D (-1767) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 20.927 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. -0.00 min

Lab File: VY000747.D

Acq: 20 Nov 2019 12:02

Instrument :

MSVOA_Y

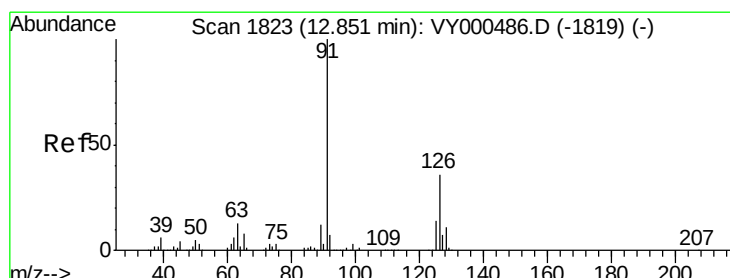
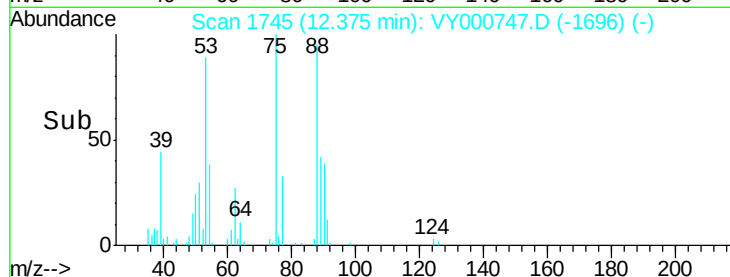
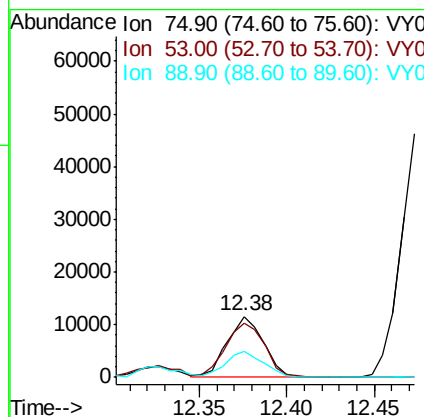
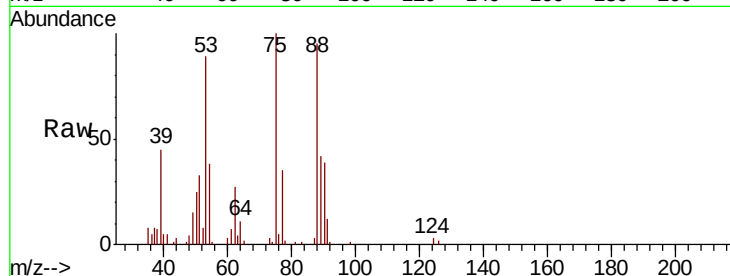
ClientSampleId :

VY1120SBS01

Tot Ion:	75	Resp:	16901
Ion	Ratio	Lower	Upper
75	100		
53	94.1	73.2	109.8
89	43.0	35.9	53.9

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#82

4-Chlorotoluene

Concen: 21.289 ug/l

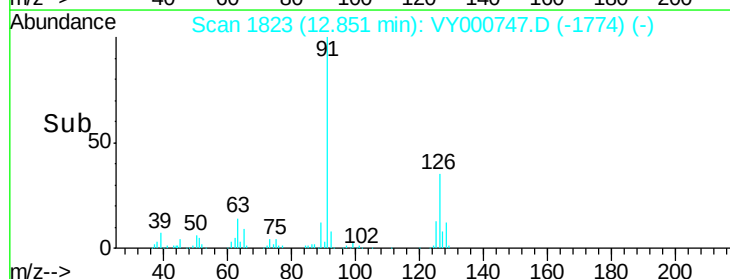
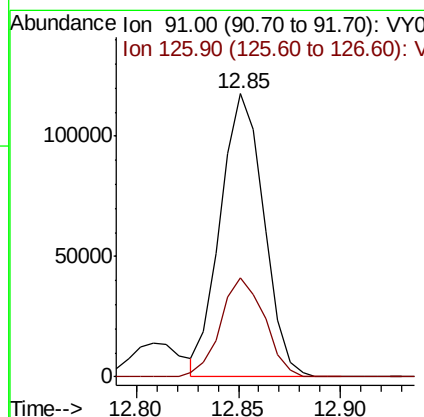
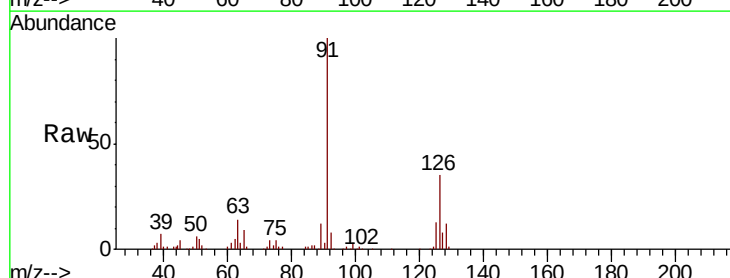
RT: 12.85 min Scan# 1823

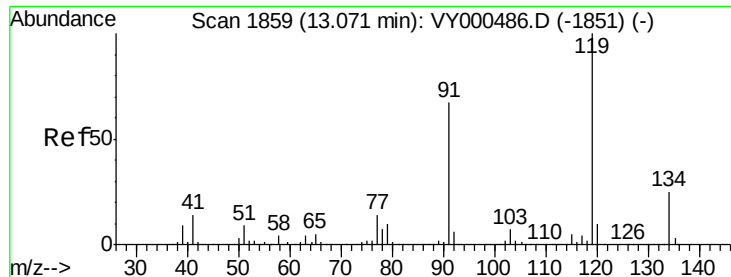
Delta R.T. -0.00 min

Lab File: VY000747.D

Acq: 20 Nov 2019 12:02

Tgt Ion:	91	Resp:	173746
Ion	Ratio	Lower	Upper
91	100		
126	35.6	17.6	52.9





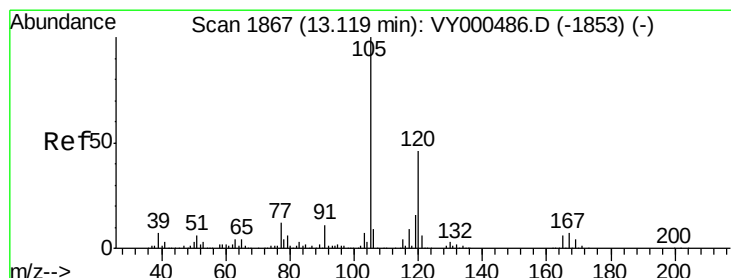
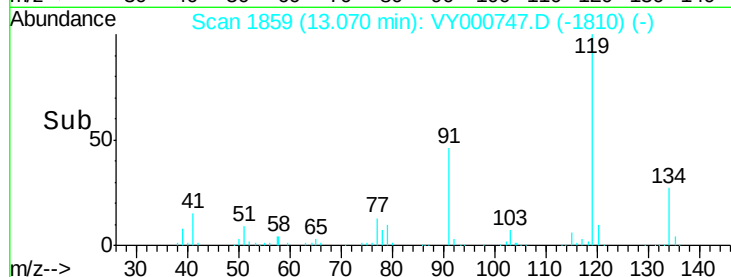
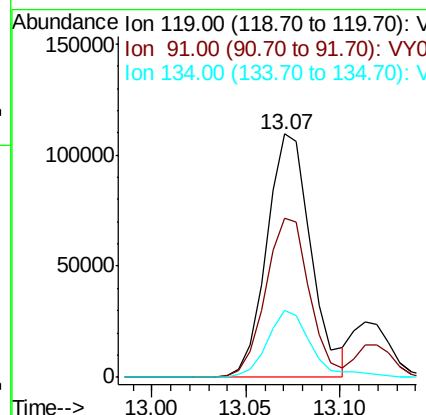
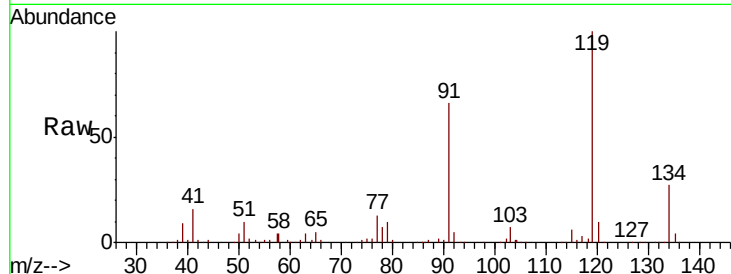
#83
 tert-Butylbenzene
 Concen: 21.295 ug/l
 RT: 13.07 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VY000747.D
 Acq: 20 Nov 2019 12:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1120SBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	65.0	32.1	96.3
134	27.3	13.2	39.5

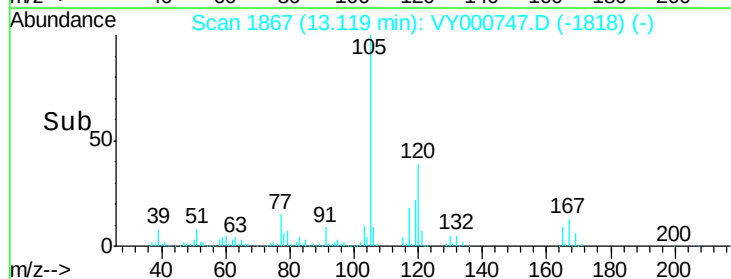
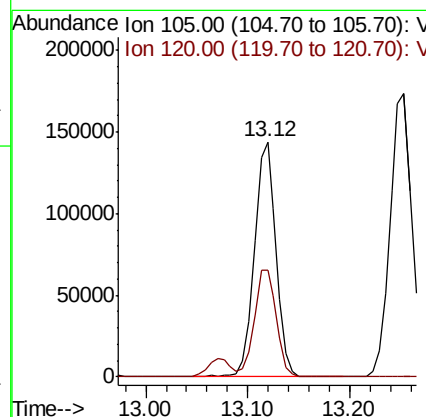
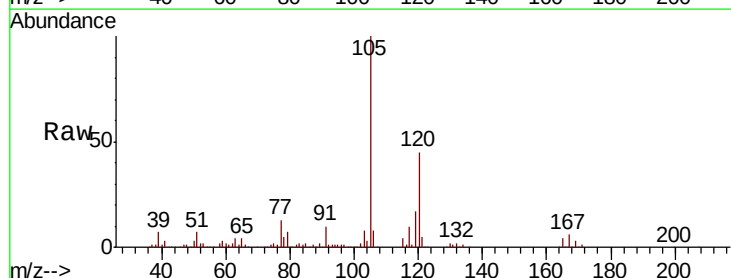
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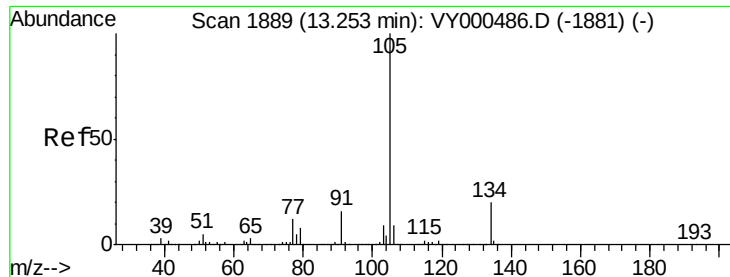
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#84
 1,2,4-Trimethylbenzene
 Concen: 21.804 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VY000747.D
 Acq: 20 Nov 2019 12:02

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.6	23.3	69.9





#85

sec-Butylbenzene

Concen: 21.810 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY000747.D

Acq: 20 Nov 2019 12:02

Instrument :

MSVOA_Y

ClientSampleId :

VY1120SBS01

Tot Ion:105 Resp: 259719

Ion Ratio Lower Upper

105 100

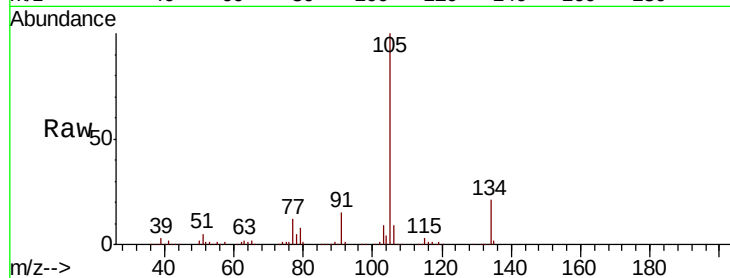
134 21.0 10.1 30.1

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

200000

150000

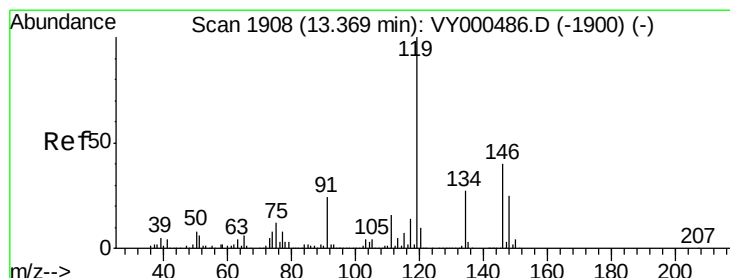
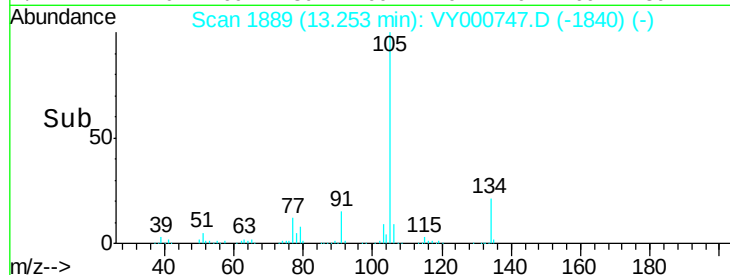
100000

50000

0

13.15 13.20 13.25 13.30

Time-->



#86

p-Isopropyltoluene

Concen: 21.387 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY000747.D

Acq: 20 Nov 2019 12:02

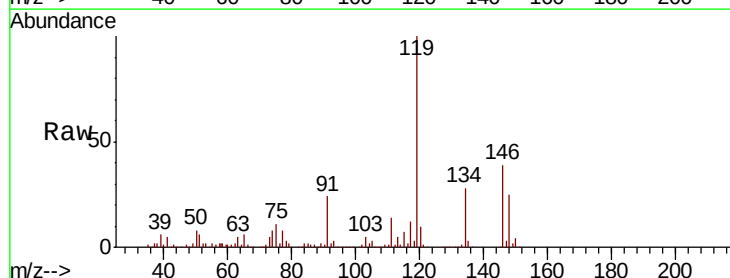
Tgt Ion:119 Resp: 226991

Ion Ratio Lower Upper

119 100

134 27.0 13.6 40.8

91 24.3 12.0 36.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

200000

150000

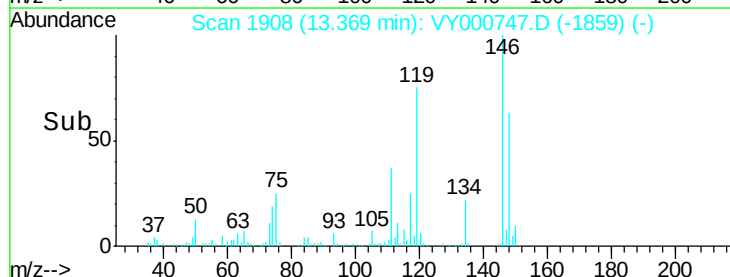
100000

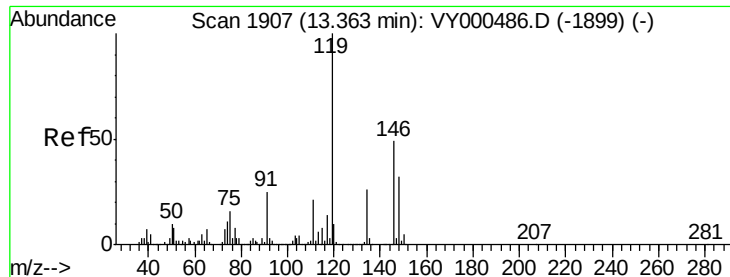
50000

0

13.30 13.35 13.40 13.45

Time-->





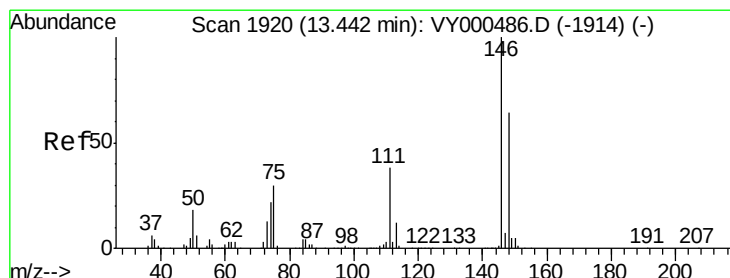
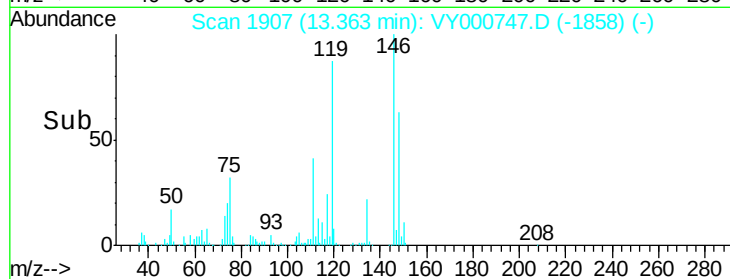
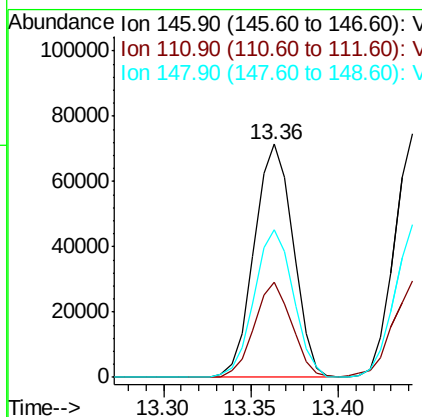
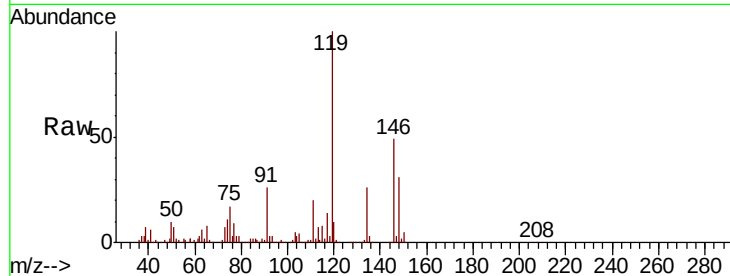
#87
 1,3-Dichlorobenzene
 Concen: 21.265 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VY000747.D
 Acq: 20 Nov 2019 12:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1120SBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	111018		
111	39.4	20.3	60.8	
148	63.5	31.5	94.5	

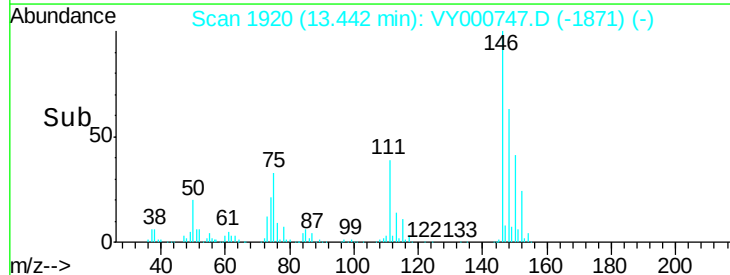
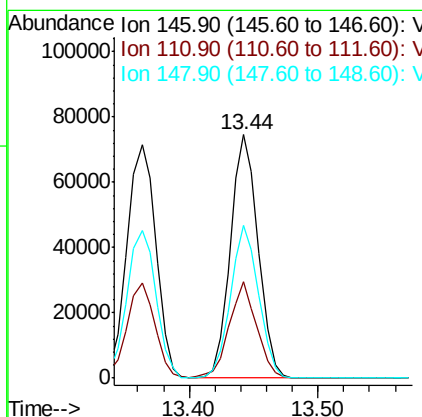
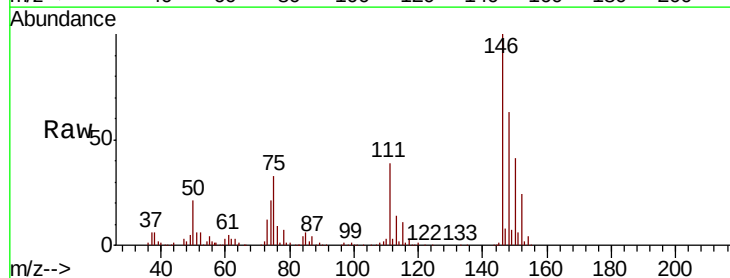
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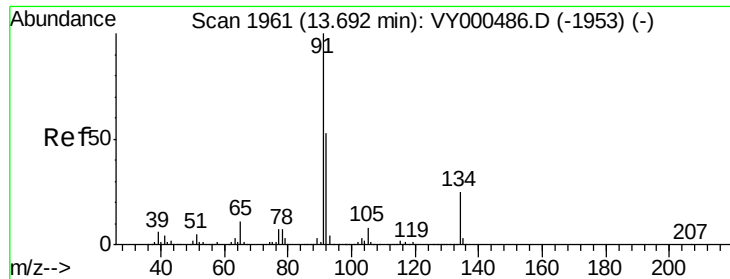
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#88
 1,4-Dichlorobenzene
 Concen: 21.455 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. -0.00 min
 Lab File: VY000747.D
 Acq: 20 Nov 2019 12:02

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	111930		
111	39.1	19.7	59.0	
148	63.5	31.9	95.7	





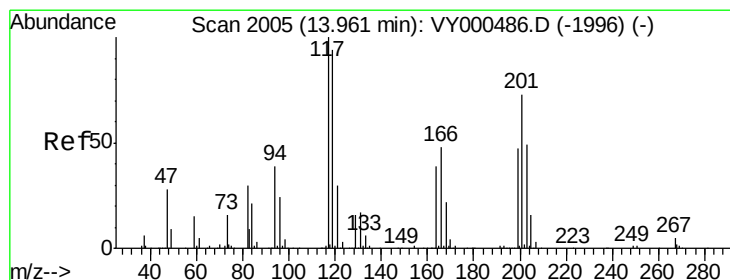
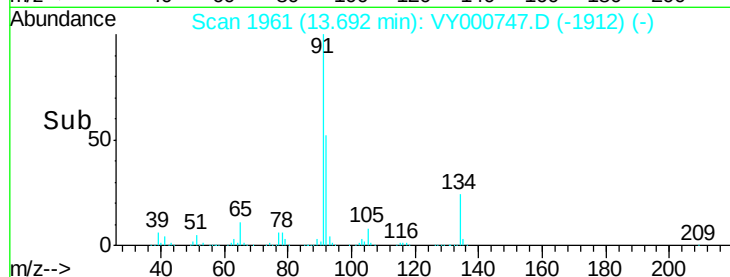
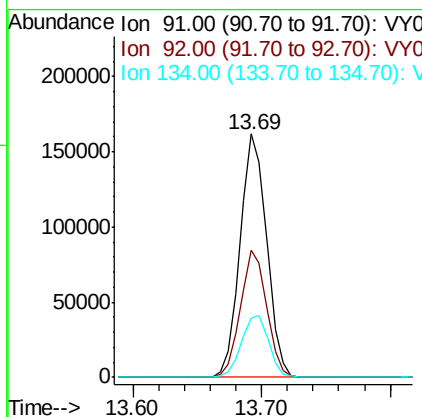
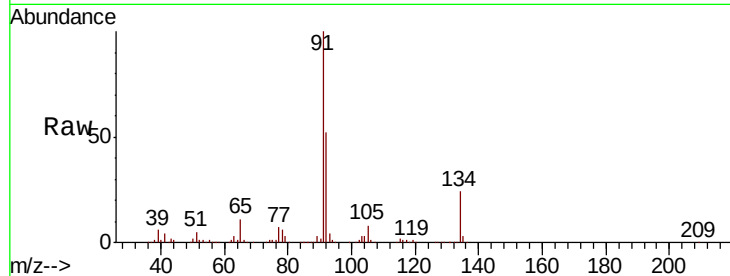
#89
n-Butylbenzene
Concen: 22.007 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. -0.00 min
Lab File: VY000747.D
Acq: 20 Nov 2019 12:02

Instrument :
MSVOA_Y
ClientSampleId :
VY1120SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.7	26.8	80.3
134	26.1	12.9	38.7

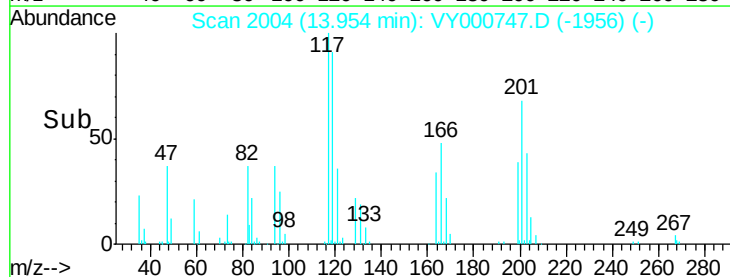
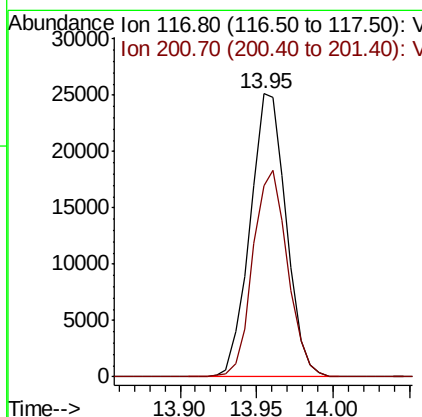
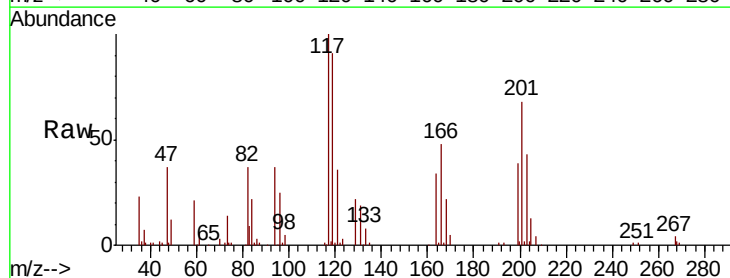
Manual Integrations
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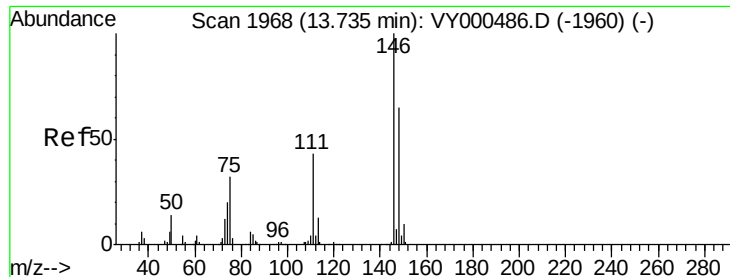
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#90
Hexachloroethane
Concen: 21.077 ug/l
RT: 13.95 min Scan# 2004
Delta R.T. -0.01 min
Lab File: VY000747.D
Acq: 20 Nov 2019 12:02

Tgt Ion	Ratio	Lower	Upper
117	100		
201	70.0	35.8	107.3





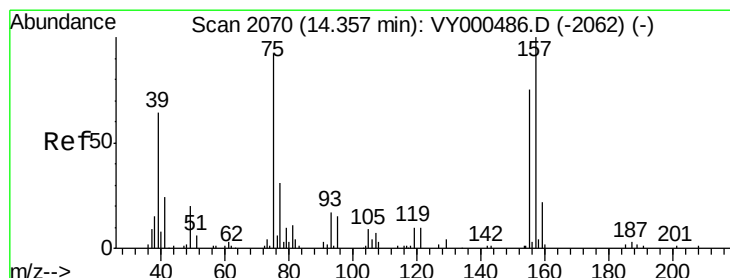
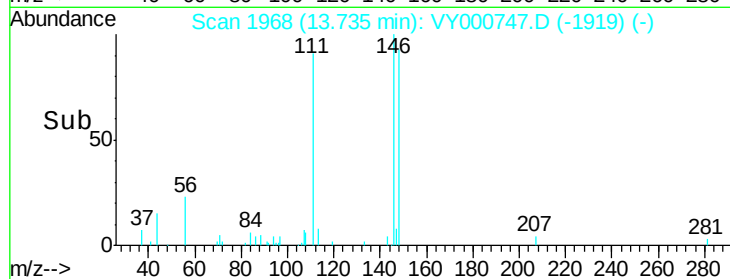
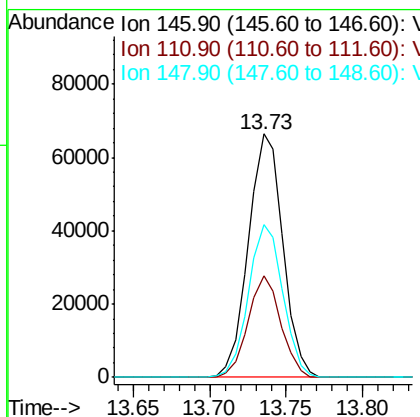
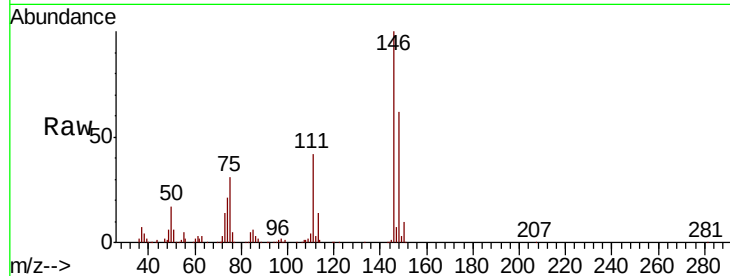
#91
 1,2-Dichlorobenzene
 Concen: 21.957 ug/l
 RT: 13.73 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: VY000747.D
 Acq: 20 Nov 2019 12:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1120SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.7	20.5	61.5
148	62.7	31.7	95.1

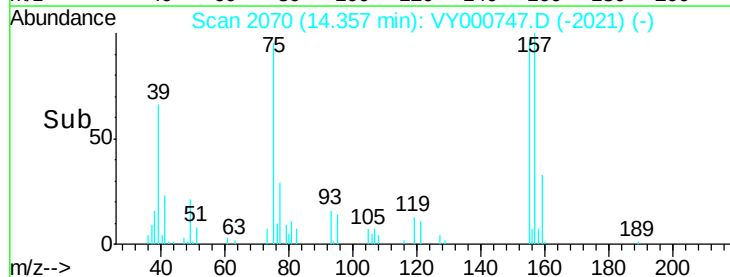
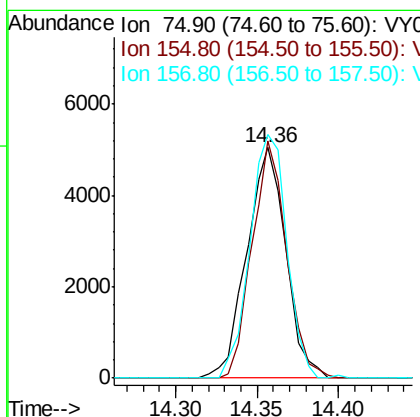
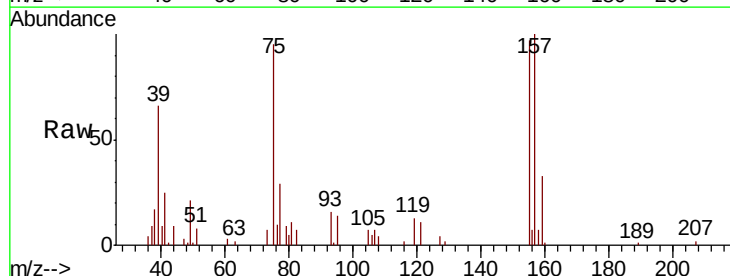
Manual Integrations
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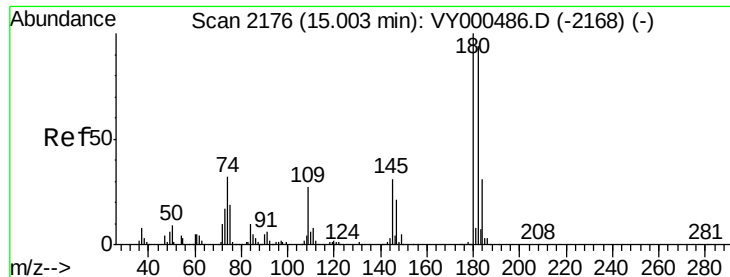
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.365 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. -0.00 min
 Lab File: VY000747.D
 Acq: 20 Nov 2019 12:02

Tgt Ion	Ratio	Lower	Upper
75	100		
155	90.6	42.4	127.1
157	99.8	55.1	165.3





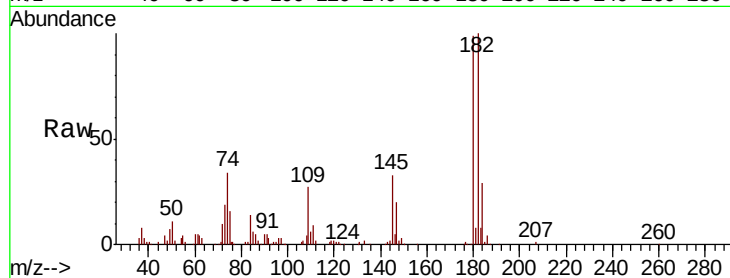
#93
 1,2,4-Trichlorobenzene
 Concen: 20.908 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VY000747.D
 Acq: 20 Nov 2019 12:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1120SBS01

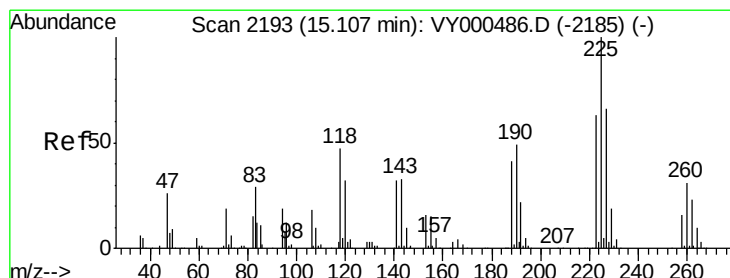
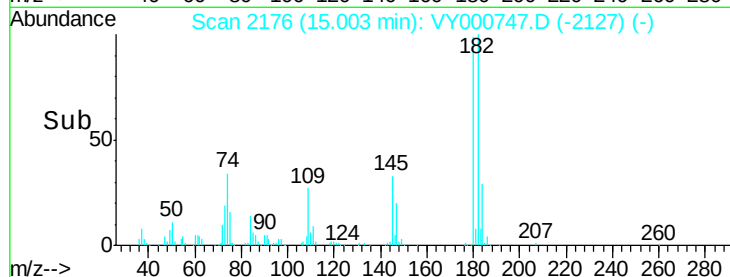
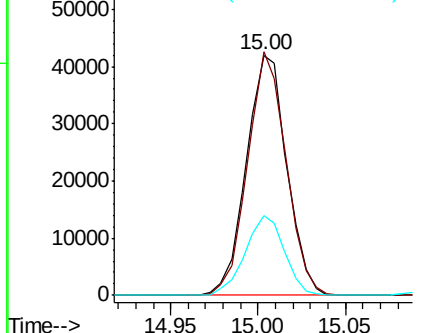
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.5	47.8	143.4
145	32.2	16.0	47.9

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MMDadoda
 11/22/2019 12:53:12 AM

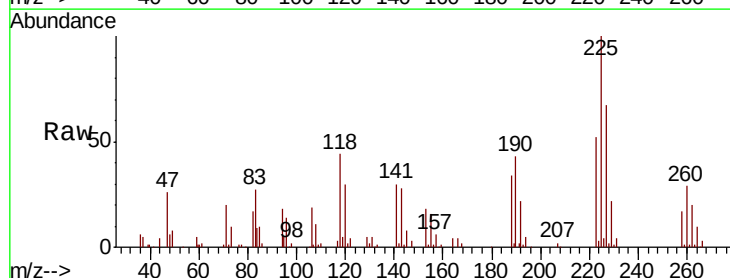


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

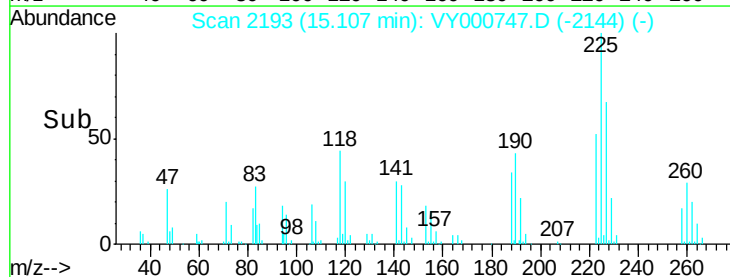
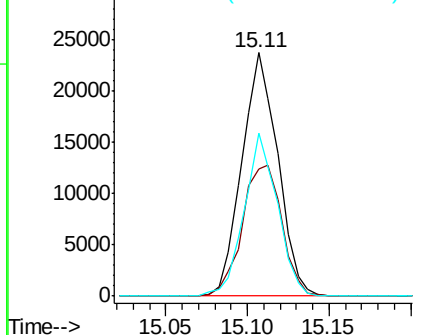


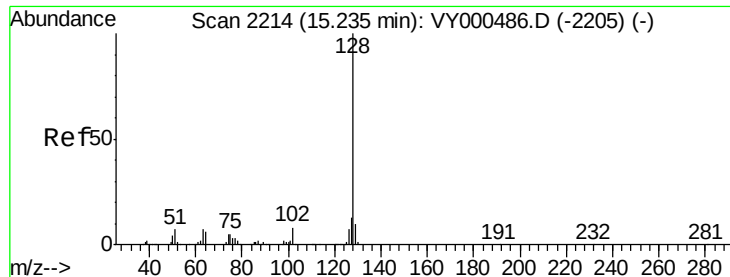
#94
 Hexachlorobutadiene
 Concen: 21.899 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. -0.00 min
 Lab File: VY000747.D
 Acq: 20 Nov 2019 12:02

Tgt Ion	Ratio	Lower	Upper
225	100		
223	59.3	31.3	93.8
227	62.0	32.4	97.0



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





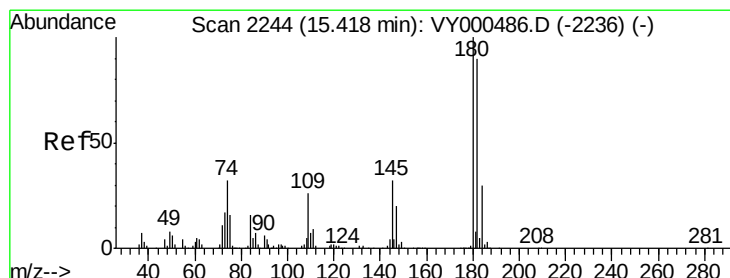
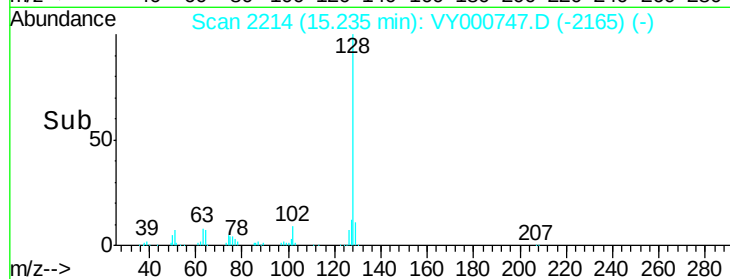
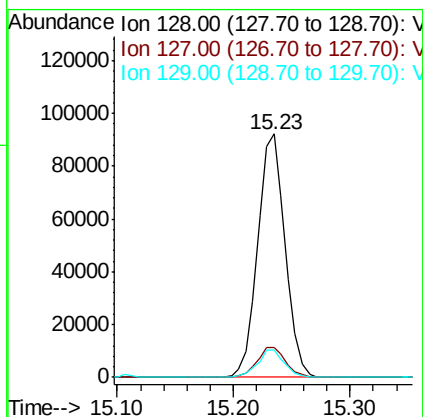
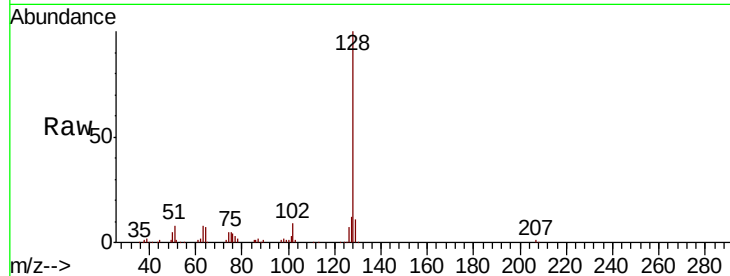
#95
Naphthalene
Concen: 21.050 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VY000747.D
Acq: 20 Nov 2019 12:02

Instrument :
MSVOA_Y
ClientSampleId :
VY1120SBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	9.8	14.6
129	11.0	8.7	13.1

Manual Integrations
APPROVED

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#96
1,2,3-Trichlorobenzene
Concen: 21.112 ug/l
RT: 15.42 min Scan# 2244
Delta R.T. -0.00 min
Lab File: VY000747.D
Acq: 20 Nov 2019 12:02

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.8	47.4	142.3
145	32.5	15.7	47.0

