

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY112119\
 Data File : VY000779.D
 Acq On : 21 Nov 2019 19:23
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 11/23/2019 6:11:12 AM

Quant Time: Nov 22 05:01:59 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	324688	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	581328	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	524310	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	240398	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	178569	53.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.28%	
35) Dibromofluoromethane	7.73	113	173591	50.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.74%	
50) Toluene-d8	10.18	98	686806	53.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.08%	
62) 4-Bromofluorobenzene	12.48	95	247693	50.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.48%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.90	85	139632	43.687	ug/l	100
3) Chloromethane	2.12	50	169444	38.484	ug/l	98
4) Vinyl Chloride	2.25	62	167774	41.034	ug/l	98
5) Bromomethane	2.65	94	111351	45.415	ug/l	93
6) Chloroethane	2.79	64	111423	43.542	ug/l	96
7) Trichlorofluoromethane	3.13	101	262131	47.473	ug/l	97
8) Diethyl Ether	3.53	74	116096	59.172	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.90	101	166932	50.006	ug/l	94
10) Methyl Iodide	4.09	142	203651	46.581	ug/l	98
11) Tert butyl alcohol	4.97	59	91759	280.536	ug/l	99
12) 1,1-Dichloroethene	3.87	96	167454	51.631	ug/l	96
13) Acrolein	3.74	56	70317	246.805	ug/l	98
14) Allyl chloride	4.49	41	289976	54.985	ug/l	93
15) Acrylonitrile	5.18	53	296917	295.420	ug/l	99
16) Acetone	3.95	43	194187	209.687	ug/l	92
17) Carbon Disulfide	4.19	76	487103	47.618	ug/l	98
18) Methyl Acetate	4.48	43	171234	59.467	ug/l	100
19) Methyl tert-butyl Ether	5.23	73	509798	56.534	ug/l	100
20) Methylene Chloride	4.72	84	207784	52.363	ug/l	97
21) trans-1,2-Dichloroethene	5.22	96	187704	51.193	ug/l	97
22) Diisopropyl ether	6.13	45	621871	54.252	ug/l	96
23) Vinyl Acetate	6.07	43	1935151	267.438	ug/l	95
24) 1,1-Dichloroethane	6.03	63	340327	54.804	ug/l	99
25) 2-Butanone	7.00	43	366063	247.680	ug/l	98
26) 2,2-Dichloropropane	6.99	77	268929	47.389	ug/l	100
27) cis-1,2-Dichloroethene	7.00	96	217404	54.225	ug/l	99
28) Bromochloromethane	7.34	49	158809	55.578	ug/l	100
29) Tetrahydrofuran	7.36	42	247454	273.683	ug/l	94
30) Chloroform	7.52	83	338323	53.856	ug/l	98
31) Cyclohexane	7.79	56	315629	48.528	ug/l	97
32) 1,1,1-Trichloroethane	7.71	97	277874	49.632	ug/l	99
36) 1,1-Dichloropropene	7.93	75	255405	46.475	ug/l	99
37) Ethyl Acetate	7.08	43	162269	49.734	ug/l	96
38) Carbon Tetrachloride	7.91	117	232092	43.890	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	334412	47.101	ug/l	98
40) Benzene	8.17	78	788102	48.914	ug/l	100
41) Methacrylonitrile	7.33	41	74517m	40.940	ug/l	
42) 1,2-Dichloroethane	8.25	62	213967	46.823	ug/l	98
43) Isopropyl Acetate	8.28	43	311361	50.800	ug/l	99
44) Trichloroethene	8.94	130	204110	48.048	ug/l	99
45) 1,2-Dichloropropane	9.22	63	208340	52.539	ug/l	98
46) Dibromomethane	9.31	93	109914	50.400	ug/l	98
47) Bromodichloromethane	9.50	83	254443	49.171	ug/l	98
48) Methyl methacrylate	9.30	41	137191	51.230	ug/l	93
49) 1,4-Dioxane	9.30	88	33339	1135.885	ug/l	93
51) 4-Methyl-2-Pentanone	10.07	43	821814	252.192	ug/l	94
52) Toluene	10.24	92	489874	48.091	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	280722	50.772	ug/l	98
54) cis-1,3-Dichloropropene	9.93	75	326708	51.579	ug/l	96
55) 1,1,2-Trichloroethane	10.64	97	164410	52.122	ug/l	97
56) Ethyl methacrylate	10.51	69	246402	55.115	ug/l	92
57) 1,3-Dichloropropane	10.79	76	292407	52.965	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.78	63	574281	284.135	ug/l	99
59) 2-Hexanone	10.83	43	557565	234.837	ug/l	93
60) Dibromochloromethane	10.99	129	177936	49.249	ug/l	99
61) 1,2-Dibromoethane	11.09	107	158424	52.236	ug/l	97
64) Tetrachloroethene	10.72	164	212709	49.063	ug/l	98
65) Chlorobenzene	11.52	112	519640	48.883	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	183724	49.834	ug/l	98
67) Ethyl Benzene	11.59	91	951035	48.611	ug/l	98
68) m/p-Xylenes	11.70	106	712596	94.107	ug/l	97
69) o-Xylene	12.03	106	340615	47.862	ug/l	99
70) Styrene	12.04	104	598220	49.090	ug/l	98
71) Bromoform	12.20	173	107203	50.555	ug/l #	98
73) Isopropylbenzene	12.33	105	907144	51.057	ug/l	100
74) N-amyl acetate	12.14	43	259289	50.956	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.58	83	190336	54.104	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	161253m	58.910	ug/l	
77) Bromobenzene	12.61	156	235458	58.440	ug/l	86
78) n-propylbenzene	12.67	91	1097517	51.196	ug/l	100
79) 2-Chlorotoluene	12.75	91	619145	52.023	ug/l	95
80) 1,3,5-Trimethylbenzene	12.81	105	751712	50.800	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	70003	57.341	ug/l	92
82) 4-Chlorotoluene	12.85	91	646783	52.428	ug/l	97
83) tert-Butylbenzene	13.07	119	629204	49.800	ug/l	99
84) 1,2,4-Trimethylbenzene	13.11	105	759958	51.581	ug/l	99
85) sec-Butylbenzene	13.25	105	925011	51.387	ug/l	99
86) p-Isopropyltoluene	13.36	119	798303	49.760	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	384352	48.703	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	389290	49.365	ug/l	99
89) n-Butylbenzene	13.69	91	794392	50.204	ug/l	99
90) Hexachloroethane	13.95	117	152842	51.533	ug/l	93
91) 1,2-Dichlorobenzene	13.74	146	367262	51.292	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	31984	51.372	ug/l	97

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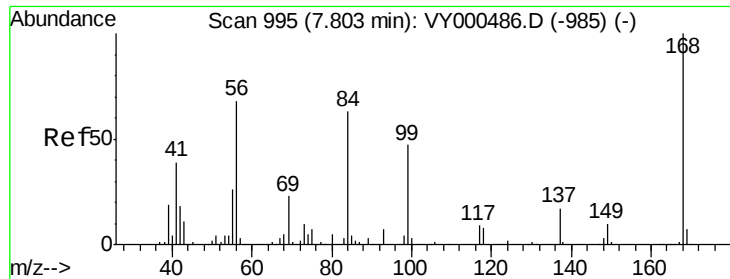
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	234407	48.080	ug/l	99
94) Hexachlorobutadiene	15.11	225	112383	44.718	ug/l	99
95) Naphthalene	15.23	128	757177	69.960	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	215784	49.333	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.00 min

Lab File: VY000779.D

Acq: 21 Nov 2019 19:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 324688

Ion Ratio Lower Upper

168 100

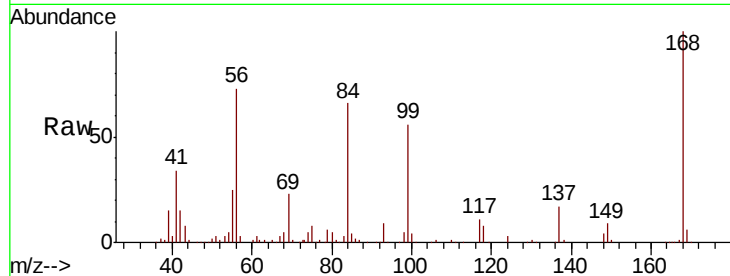
99 56.4 45.7 68.5

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

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

7.80

150000

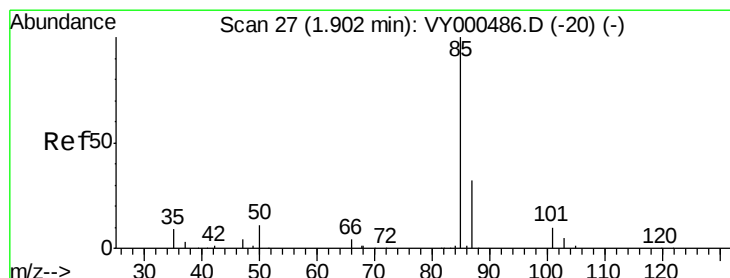
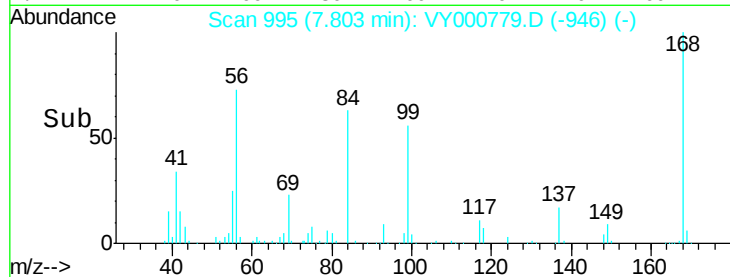
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50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 43.687 ug/l

RT: 1.90 min Scan# 27

Delta R.T. 0.00 min

Lab File: VY000779.D

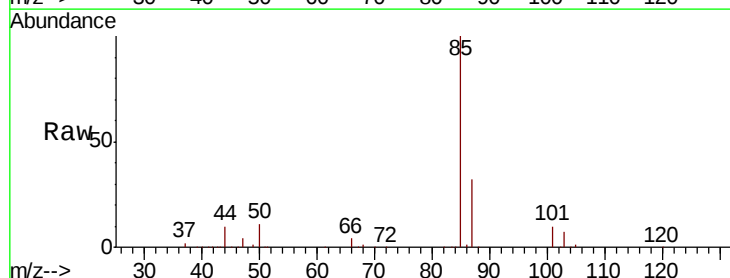
Acq: 21 Nov 2019 19:23

Tgt Ion: 85 Resp: 139632

Ion Ratio Lower Upper

85 100

87 32.0 15.9 47.7



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

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

1.90

100000

80000

60000

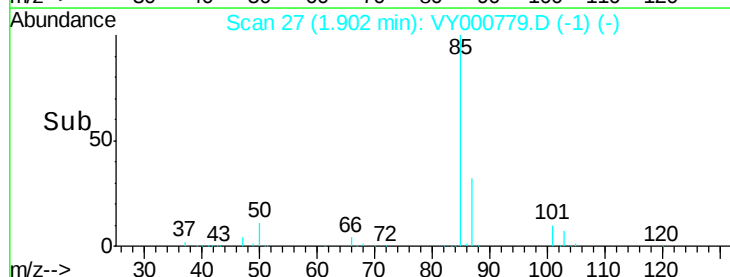
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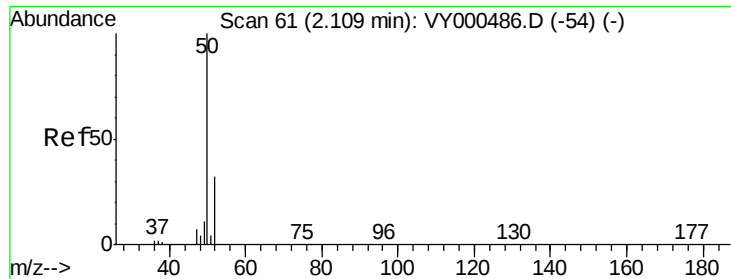
20000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 38.484 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.01 min

Lab File: VY000779.D

Acq: 21 Nov 2019 19:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 169444

Ion Ratio Lower Upper

50 100

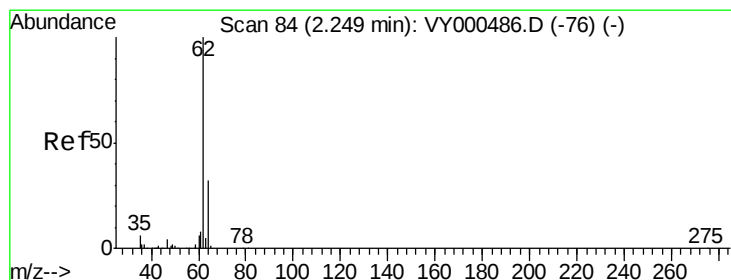
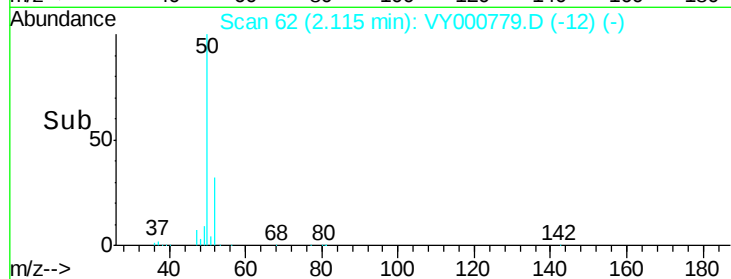
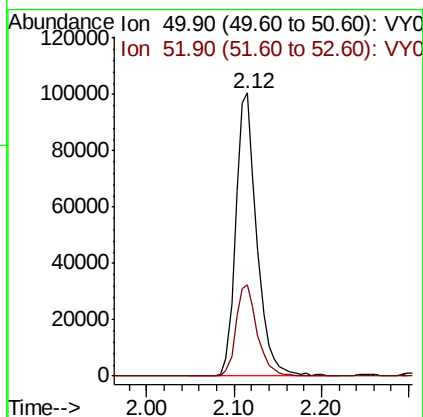
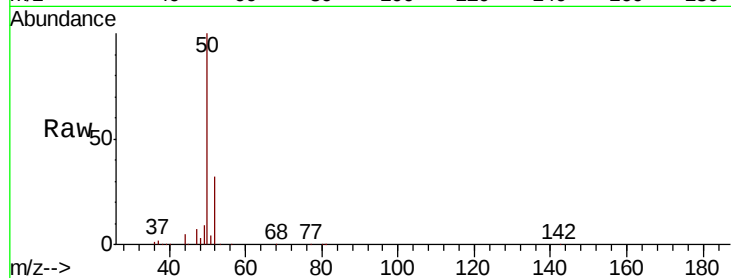
52 32.4 25.2 37.8

Manual Integrations

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#4

Vinyl Chloride

Concen: 41.034 ug/l

RT: 2.25 min Scan# 84

Delta R.T. 0.00 min

Lab File: VY000779.D

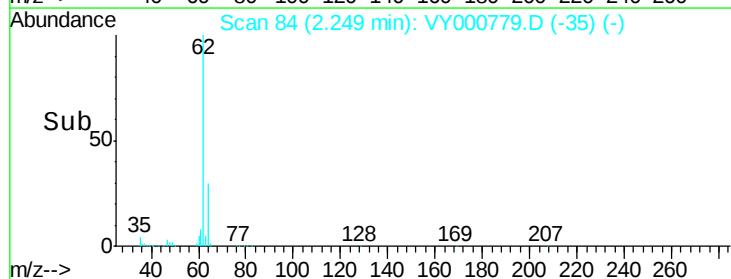
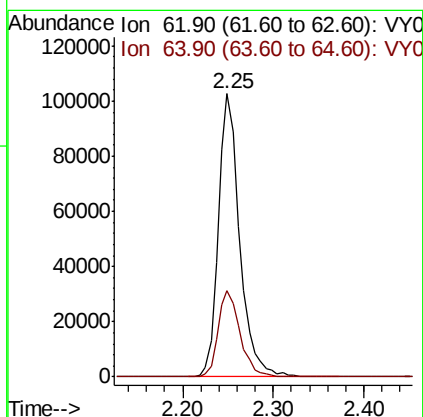
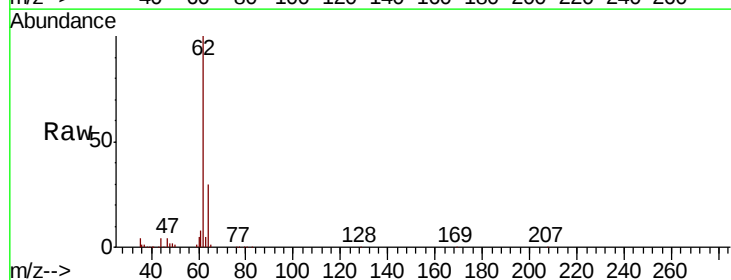
Acq: 21 Nov 2019 19:23

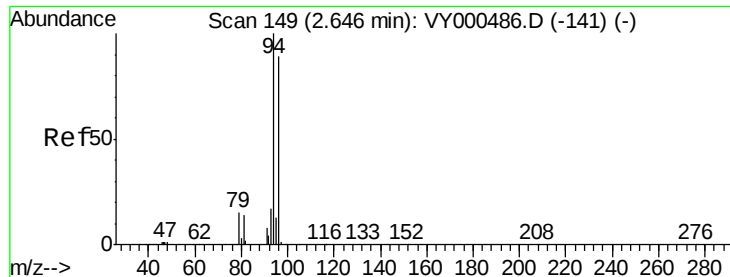
Tgt Ion: 62 Resp: 167774

Ion Ratio Lower Upper

62 100

64 30.4 25.2 37.8





#5

Bromomethane

Concen: 45.415 ug/l

RT: 2.65 min Scan# 149

Delta R.T. 0.00 min

Lab File: VY000779.D

Acq: 21 Nov 2019 19:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 111351

Ion Ratio Lower Upper

94 100

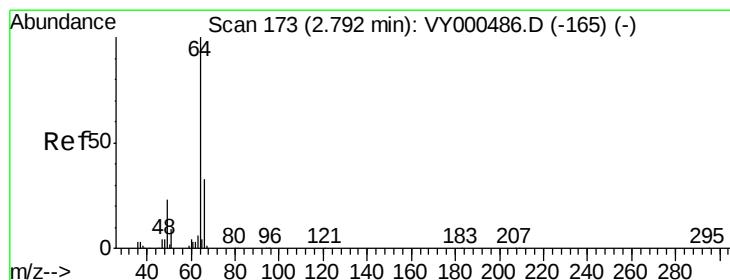
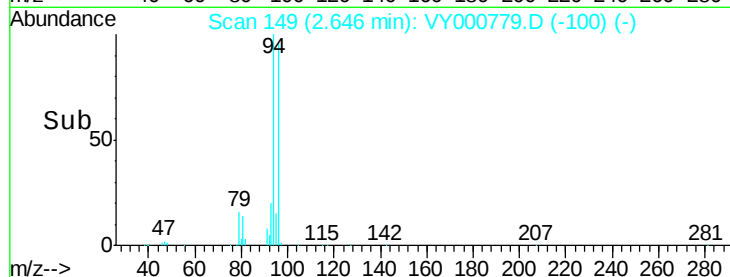
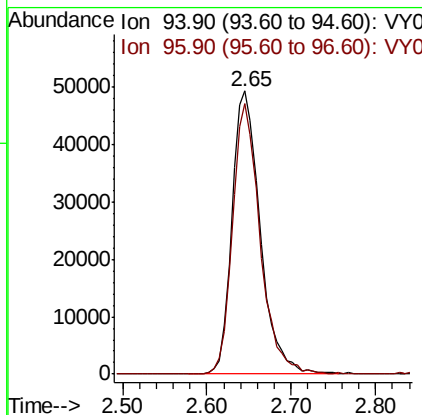
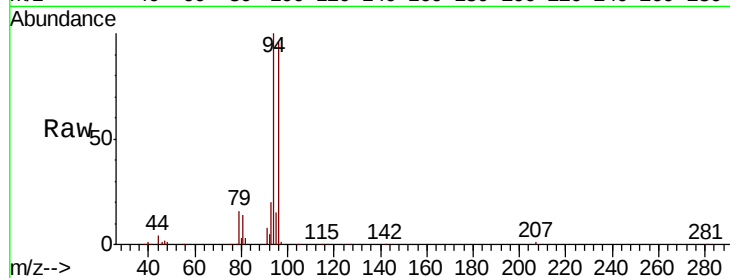
96 95.8 71.2 106.8

Manual Integrations

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#6

Chloroethane

Concen: 43.542 ug/l

RT: 2.79 min Scan# 173

Delta R.T. 0.00 min

Lab File: VY000779.D

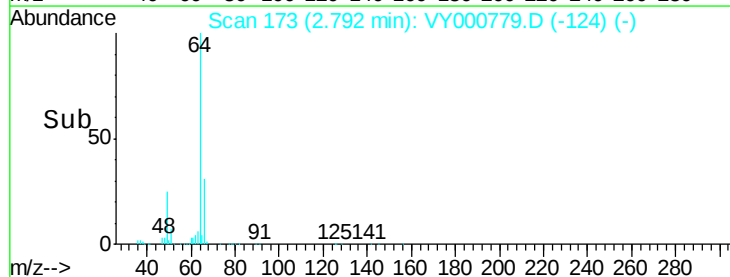
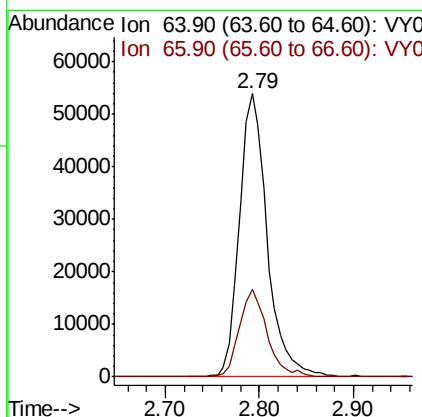
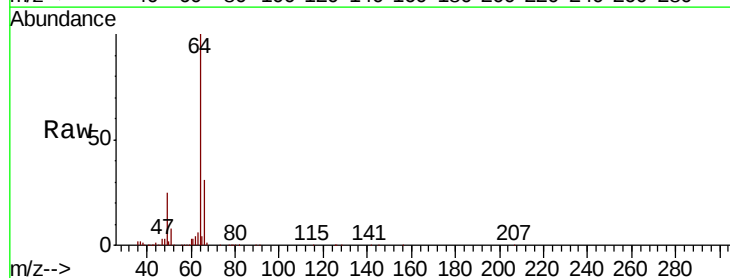
Acq: 21 Nov 2019 19:23

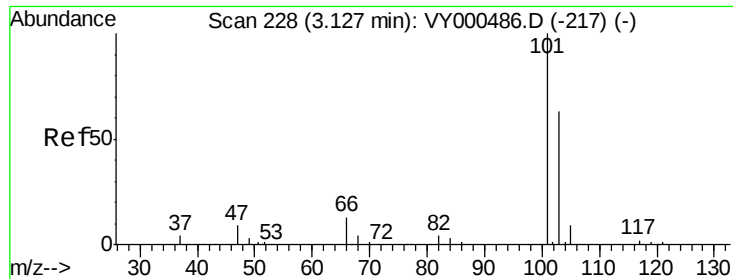
Tgt Ion: 64 Resp: 111423

Ion Ratio Lower Upper

64 100

66 30.9 26.6 40.0





#7

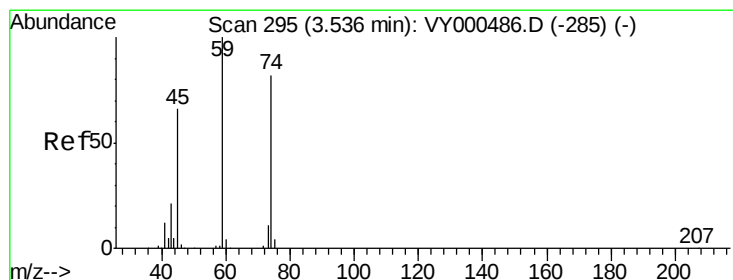
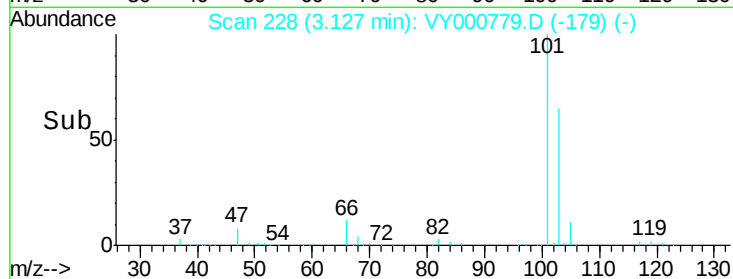
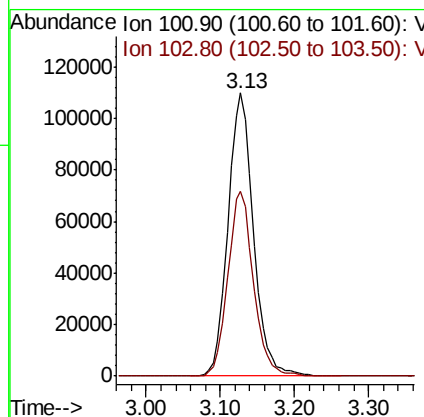
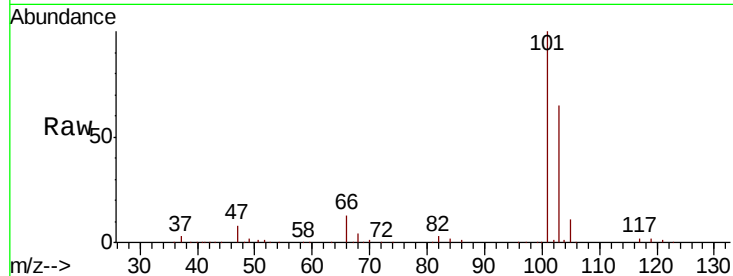
Trichlorofluoromethane
 Concen: 47.473 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. 0.00 min
 Lab File: VY000779.D
 Acq: 21 Nov 2019 19:23

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Tot Ion	Ratio	Lower	Upper
101	100		
103	65.3	50.5	75.7

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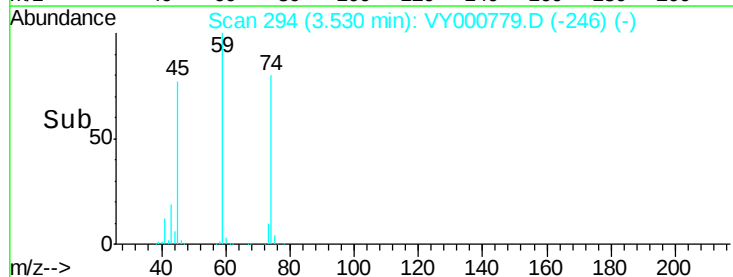
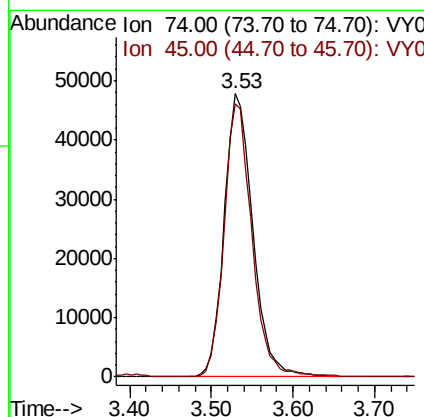
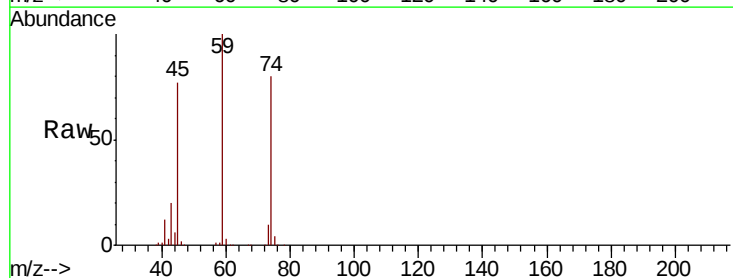
MMDadoda
 11/23/2019 6:11:12 AM

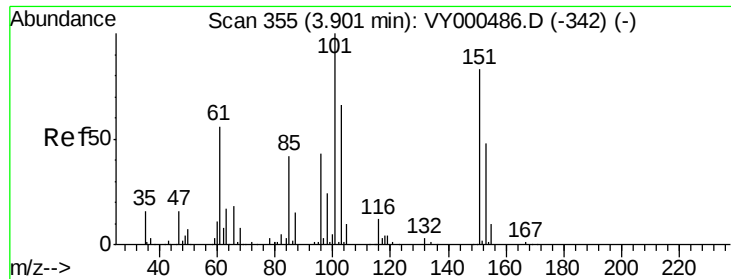


#8

Diethyl Ether
 Concen: 59.172 ug/l
 RT: 3.53 min Scan# 294
 Delta R.T. -0.01 min
 Lab File: VY000779.D
 Acq: 21 Nov 2019 19:23

Tgt Ion	Ratio	Lower	Upper
74	100		
45	93.7	45.5	136.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.006 ug/l

RT: 3.90 min Scan# 355

Delta R.T. 0.00 min

Lab File: VY000779.D

Acq: 21 Nov 2019 19:23

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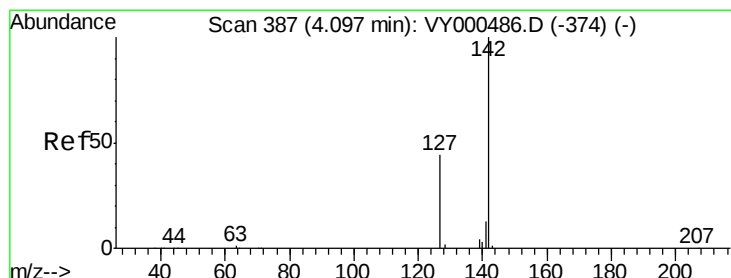
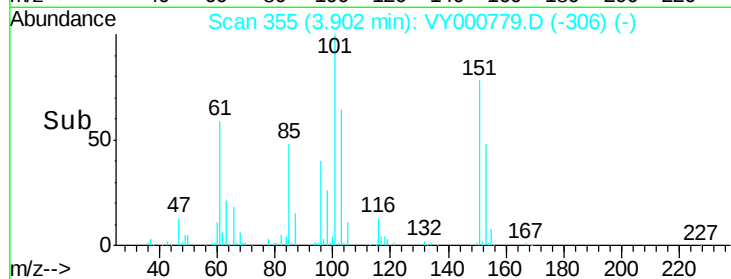
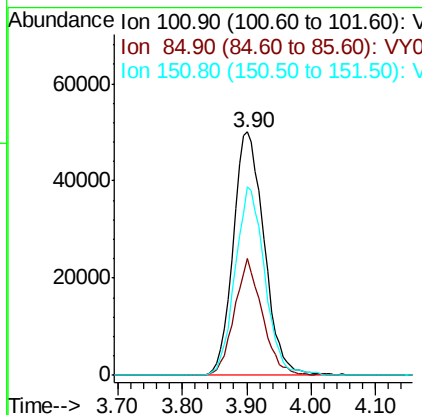
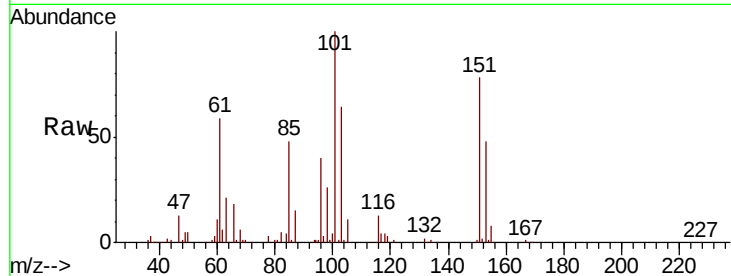
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	166932
Ion Ratio	Lower	Upper	
101	100		
85	43.2	36.7	55.1
151	74.3	64.3	96.5

Manual Integrations
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#10

Methyl Iodide

Concen: 46.581 ug/l

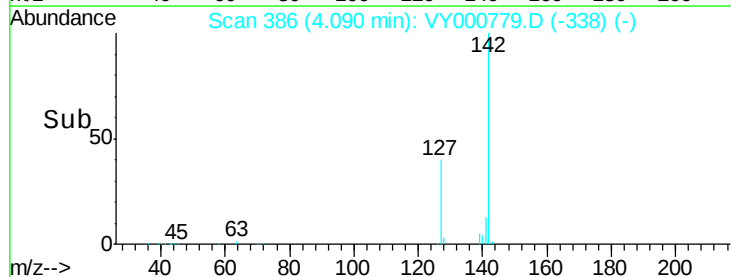
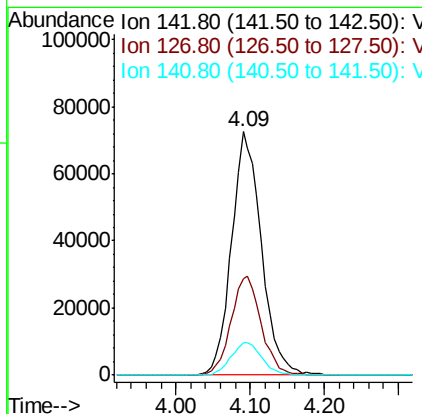
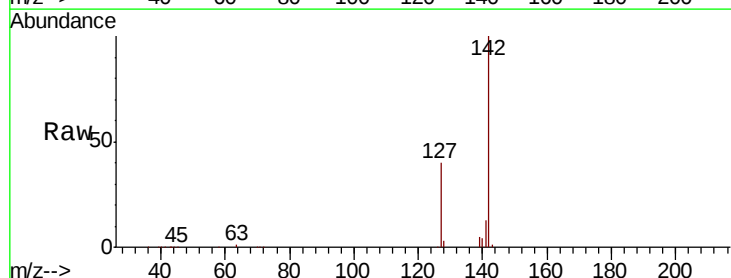
RT: 4.09 min Scan# 386

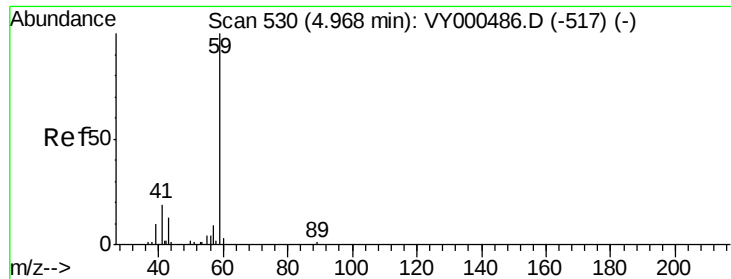
Delta R.T. -0.01 min

Lab File: VY000779.D

Acq: 21 Nov 2019 19:23

Tgt Ion:	142	Resp:	203651
Ion Ratio	Lower	Upper	
142	100		
127	40.8	33.7	50.5
141	13.9	10.9	16.3





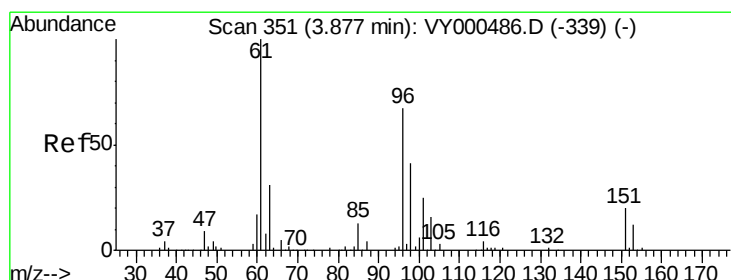
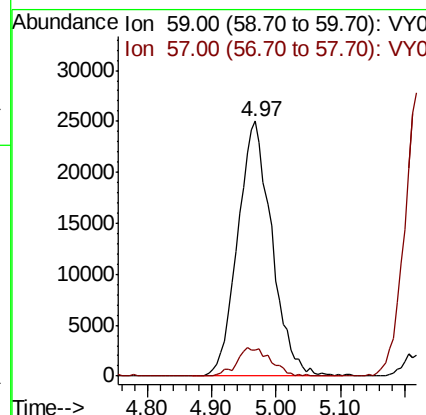
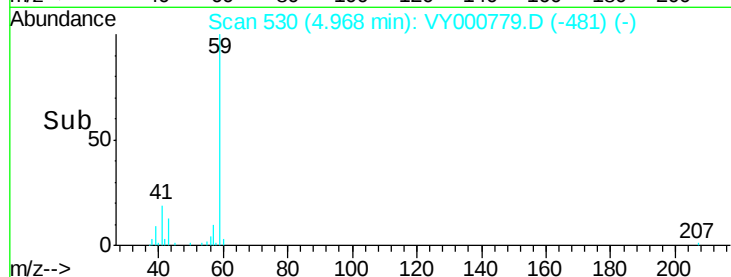
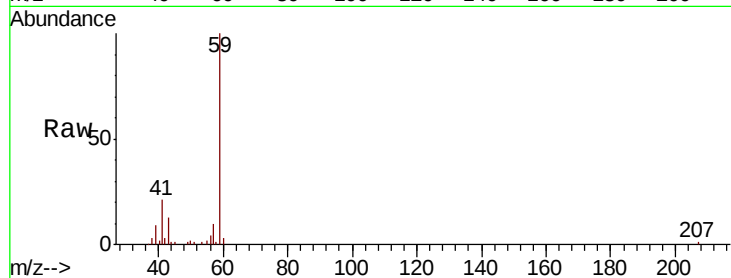
#11
Tert butyl alcohol
Concen: 280.536 ug/l
RT: 4.97 min Scan# 530
Delta R.T. 0.00 min
Lab File: VY000779.D
Acq: 21 Nov 2019 19:23

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 59 Resp: 91759
Ion Ratio Lower Upper
59 100
57 11.1 8.6 12.8

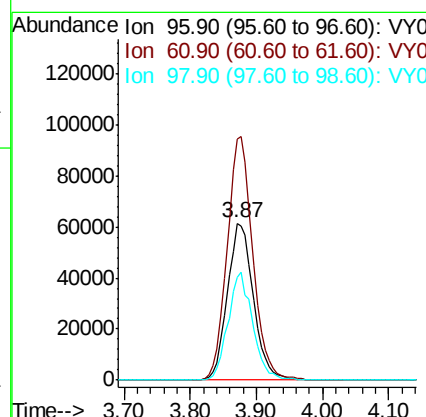
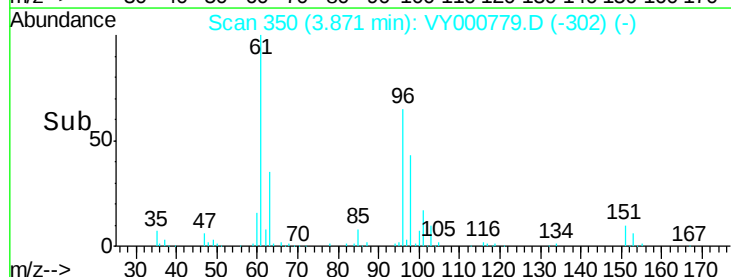
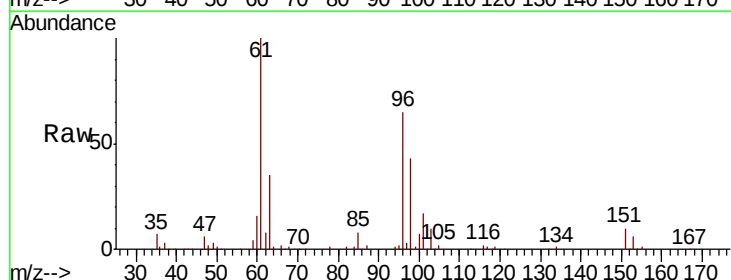
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#12
1,1-Dichloroethene
Concen: 51.631 ug/l
RT: 3.87 min Scan# 350
Delta R.T. -0.01 min
Lab File: VY000779.D
Acq: 21 Nov 2019 19:23

Tgt Ion: 96 Resp: 167454
Ion Ratio Lower Upper
96 100
61 153.6 119.2 178.8
98 65.6 48.6 73.0





#13

Acrolein

Concen: 246.805 ug/l

RT: 3.74 min Scan# 328

Delta R.T. 0.01 min

Lab File: VY000779.D

Acq: 21 Nov 2019 19:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 70317

Ion Ratio Lower Upper

56 100

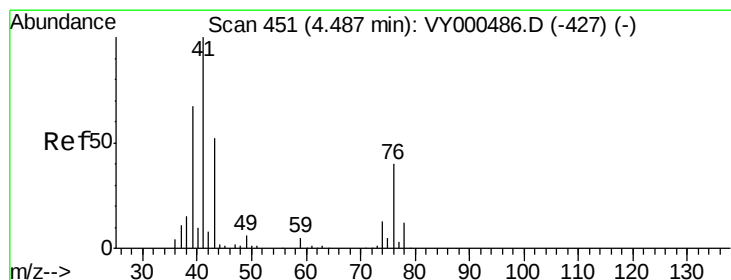
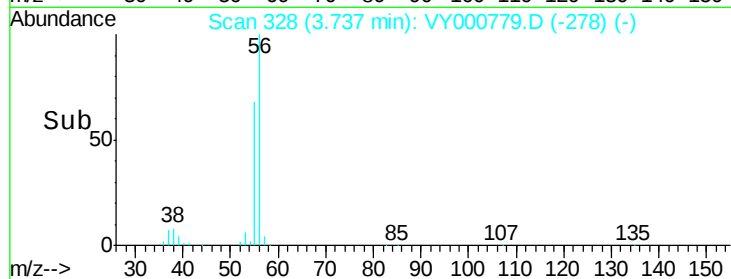
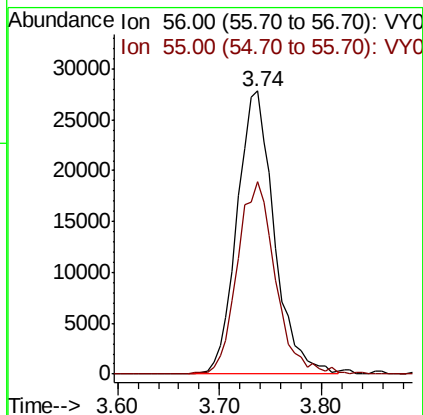
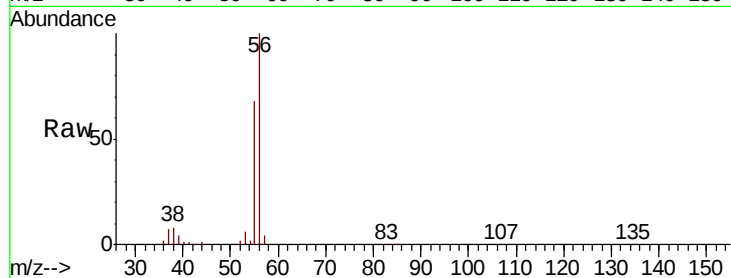
55 69.6 57.0 85.6

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#14

Allyl chloride

Concen: 54.985 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.00 min

Lab File: VY000779.D

Acq: 21 Nov 2019 19:23

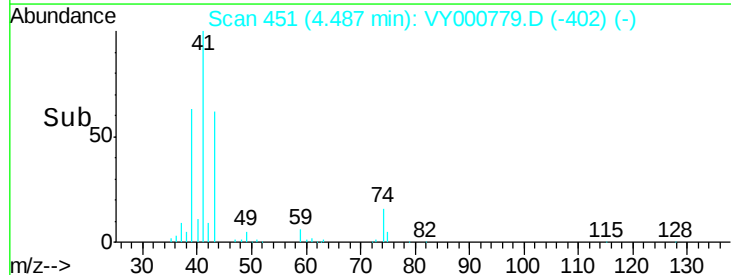
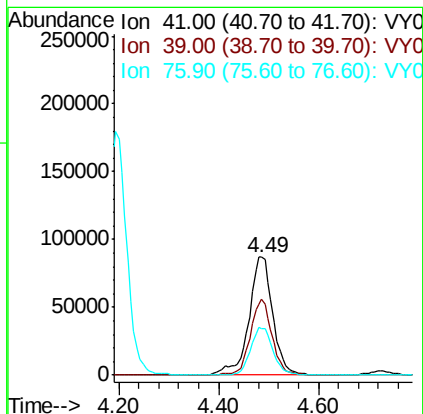
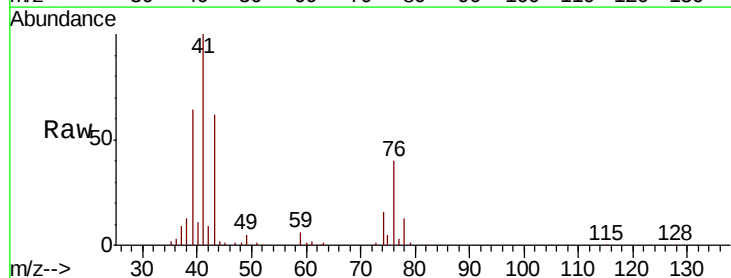
Tgt Ion: 41 Resp: 289976

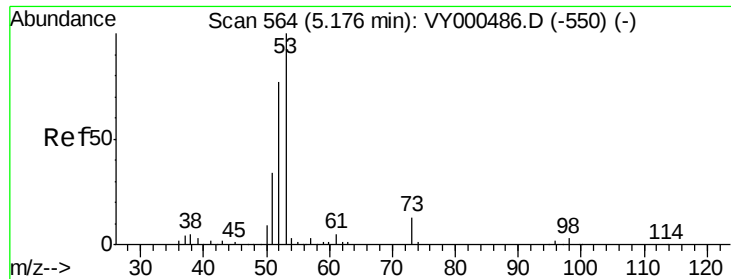
Ion Ratio Lower Upper

41 100

39 58.2 53.6 80.4

76 37.6 29.8 44.6





#15

Acrylonitrile

Concen: 295.420 ug/l

RT: 5.18 min Scan# 564

Delta R.T. 0.00 min

Lab File: VY000779.D

Acq: 21 Nov 2019 19:23

Instrument :

MSVOA_Y

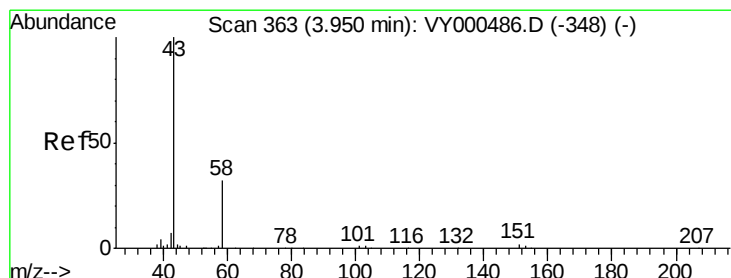
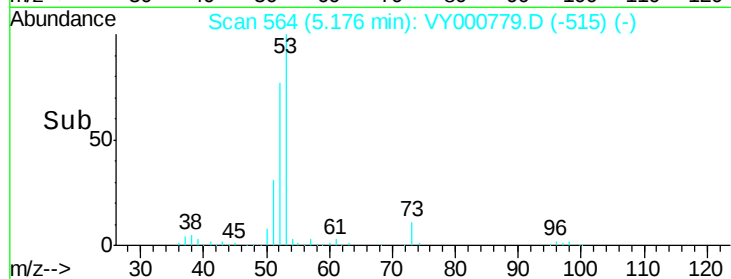
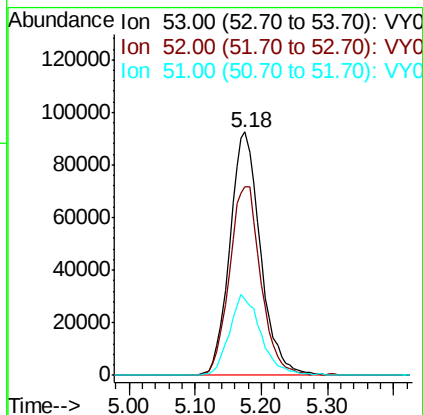
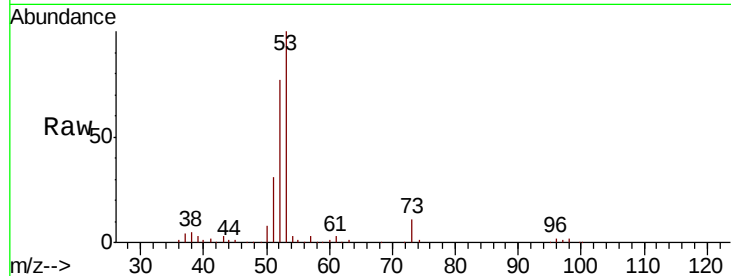
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	296917
Ion Ratio	Lower	Upper	
53	100		
52	79.4	64.9	97.3
51	34.5	27.6	41.4

Manual Integrations
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#16

Acetone

Concen: 209.687 ug/l

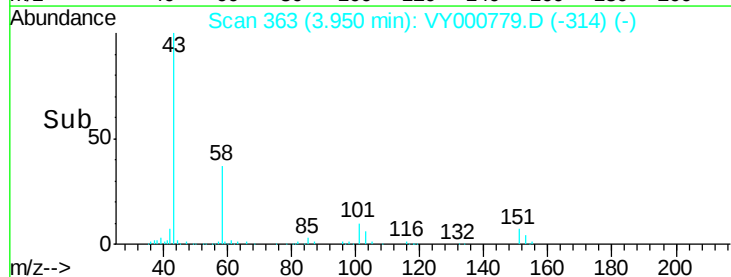
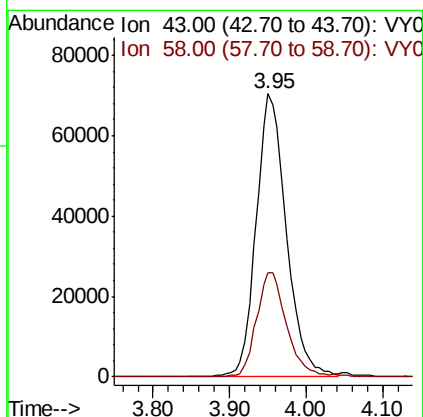
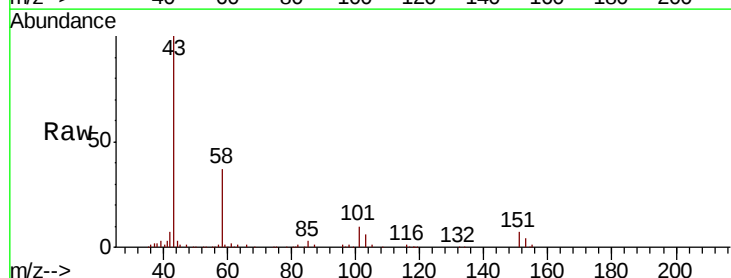
RT: 3.95 min Scan# 363

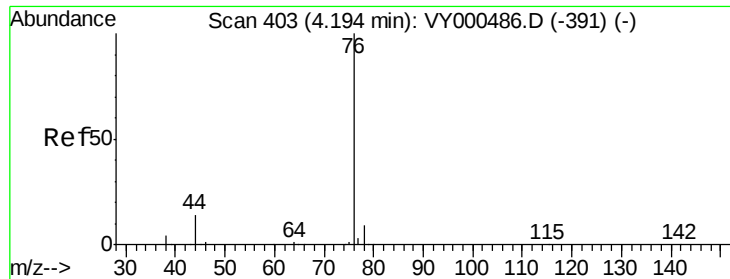
Delta R.T. 0.00 min

Lab File: VY000779.D

Acq: 21 Nov 2019 19:23

Tgt Ion:	43	Resp:	194187
Ion Ratio	Lower	Upper	
43	100		
58	36.6	25.8	38.6





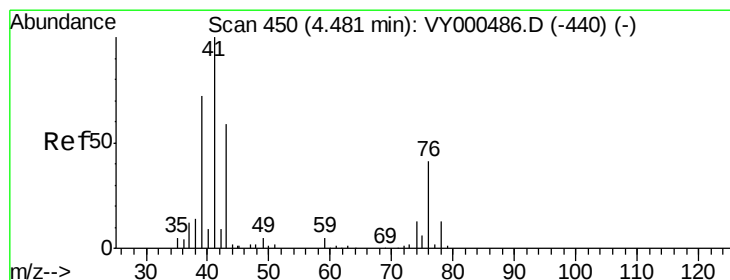
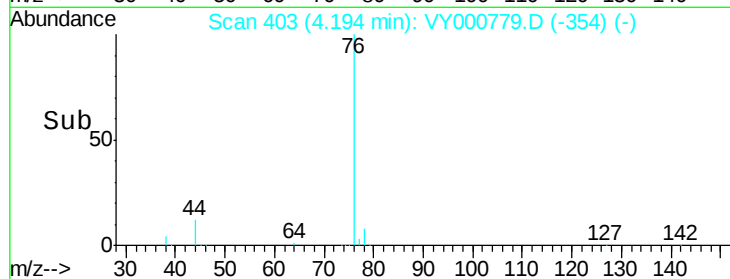
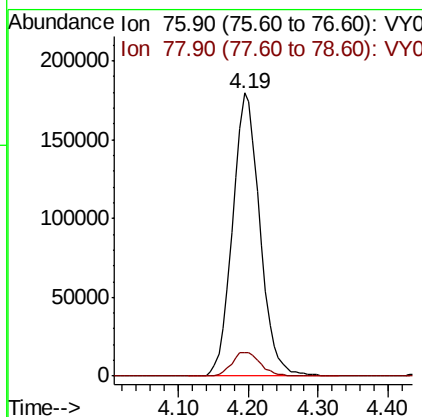
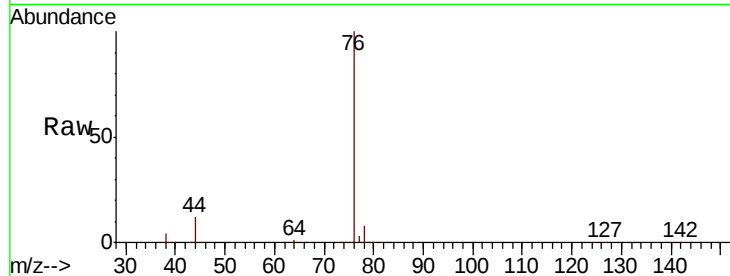
#17
Carbon Disulfide
Concen: 47.618 ug/l
RT: 4.19 min Scan# 403
Delta R.T. 0.00 min
Lab File: VY000779.D
Acq: 21 Nov 2019 19:23

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.5	7.5	11.3

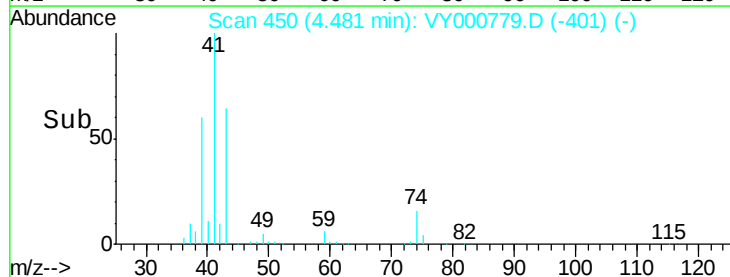
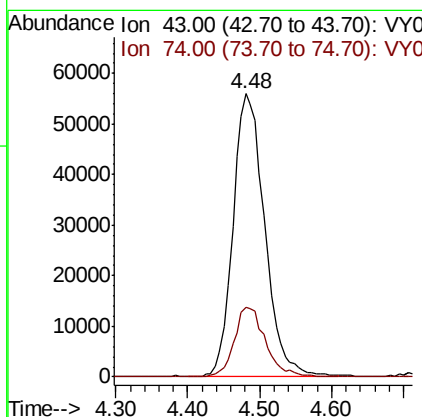
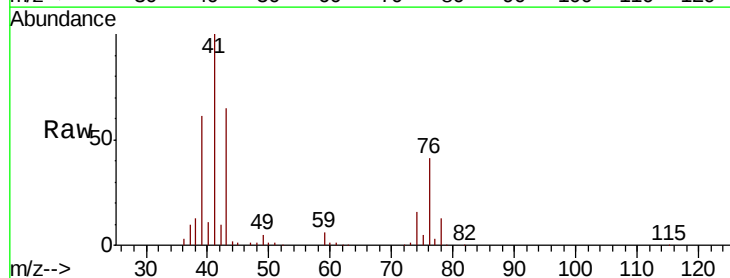
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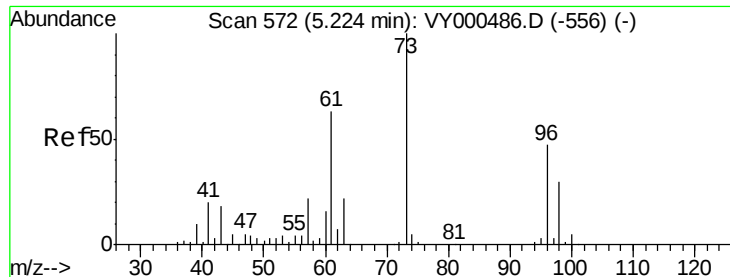
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#18
Methyl Acetate
Concen: 59.467 ug/l
RT: 4.48 min Scan# 450
Delta R.T. 0.00 min
Lab File: VY000779.D
Acq: 21 Nov 2019 19:23

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.1	19.2	28.8





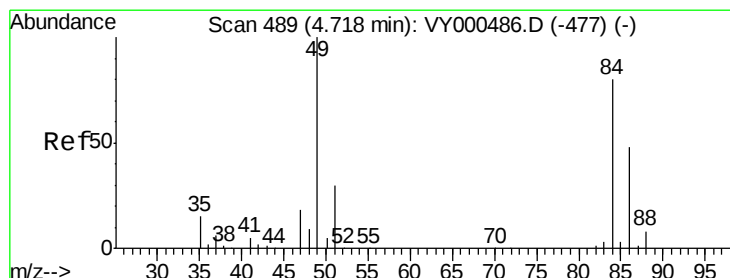
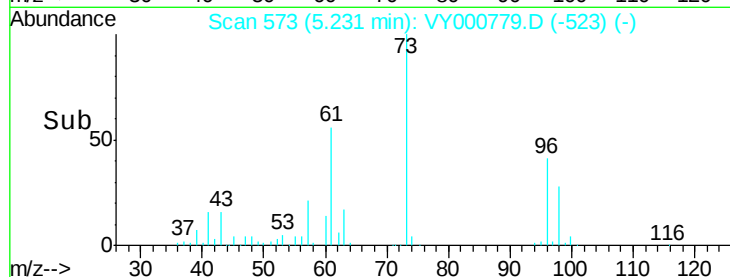
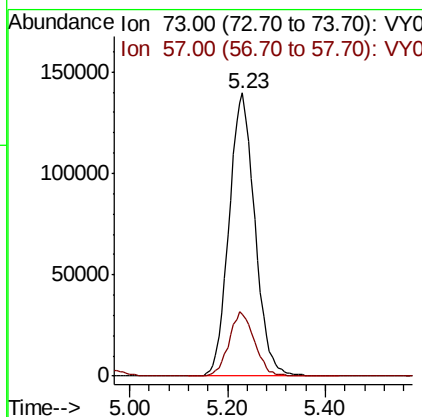
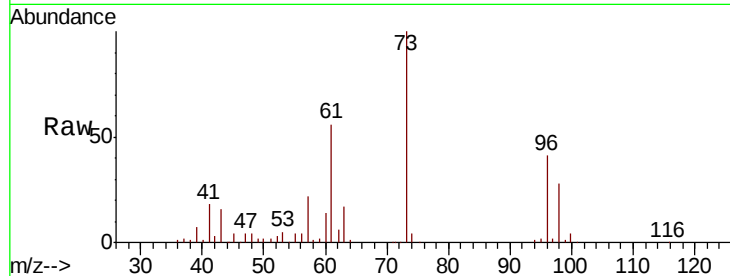
#19
Methvl tert-butvl Ether
Concen: 56.534 ug/l
RT: 5.23 min Scan# 573
Delta R.T. 0.01 min
Lab File: VY000779.D
Acq: 21 Nov 2019 19:23

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 509798
Ion Ratio Lower Upper
73 100
57 21.8 17.4 26.0

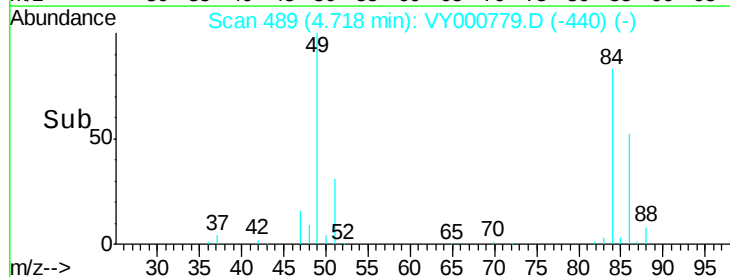
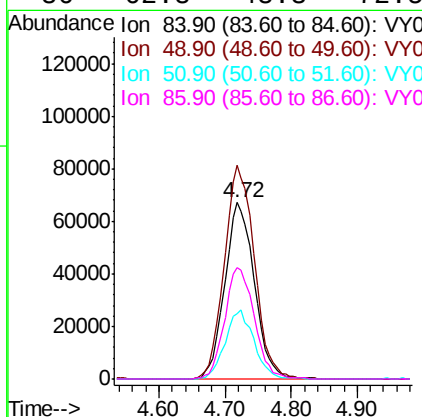
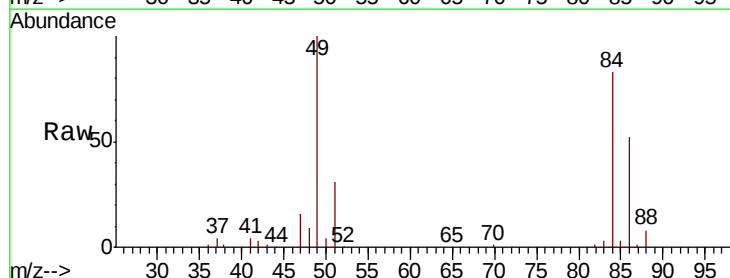
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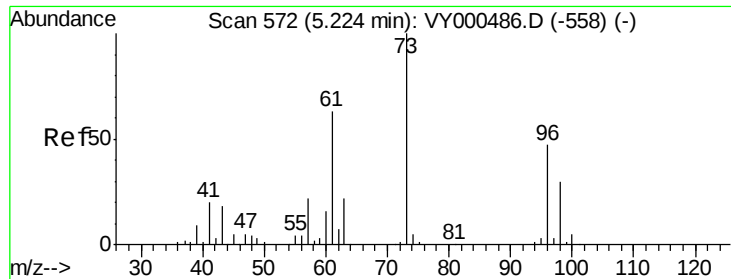
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#20
Methylene Chloride
Concen: 52.363 ug/l
RT: 4.72 min Scan# 489
Delta R.T. 0.00 min
Lab File: VY000779.D
Acq: 21 Nov 2019 19:23

Tgt Ion: 84 Resp: 207784
Ion Ratio Lower Upper
84 100
49 121.0 100.2 150.4
51 37.2 29.6 44.4
86 62.8 48.3 72.5





#21

trans-1,2-Dichloroethene

Concen: 51.193 ug/l

RT: 5.22 min Scan# 572

Delta R.T. 0.00 min

Lab File: VY000779.D

Acq: 21 Nov 2019 19:23

Instrument :

MSVOA_Y

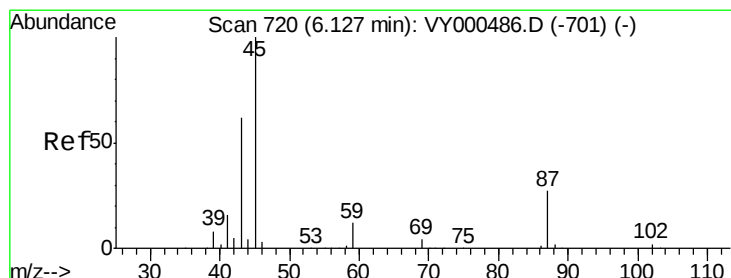
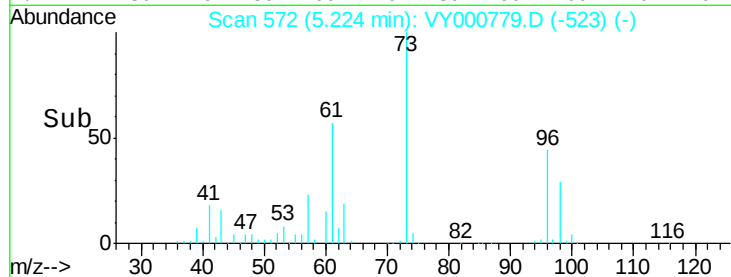
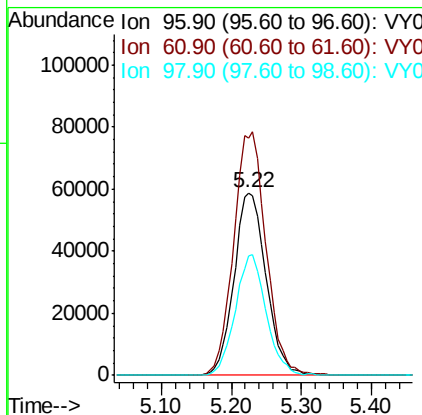
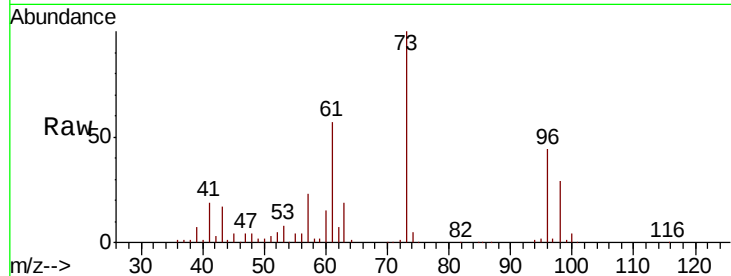
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	187704
Ion	Ratio	Lower	Upper
96	100		
61	129.9	106.6	160.0
98	65.3	50.6	76.0

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#22

Diisopropyl ether

Concen: 54.252 ug/l

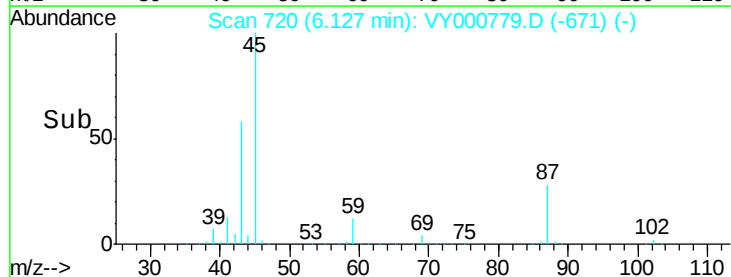
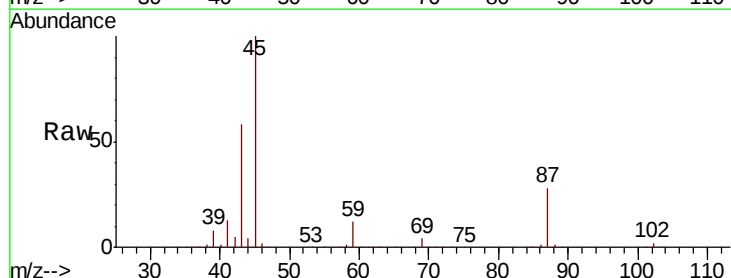
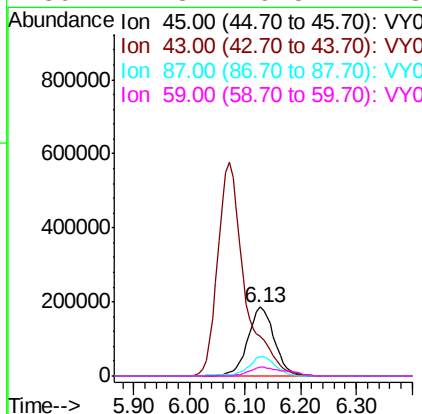
RT: 6.13 min Scan# 720

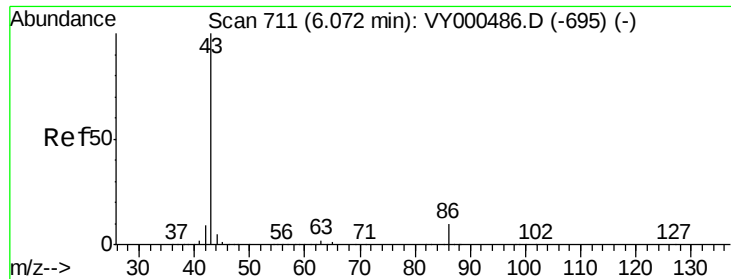
Delta R.T. 0.00 min

Lab File: VY000779.D

Acq: 21 Nov 2019 19:23

Tgt Ion:	45	Resp:	621871
Ion	Ratio	Lower	Upper
45	100		
43	58.1	50.0	75.0
87	27.6	21.6	32.4
59	12.3	9.5	14.3





#23

Vinyl Acetate

Concen: 267.438 ug/l

RT: 6.07 min Scan# 711

Delta R.T. 0.00 min

Lab File: VY000779.D

Acq: 21 Nov 2019 19:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1935151

Ion Ratio Lower Upper

43 100

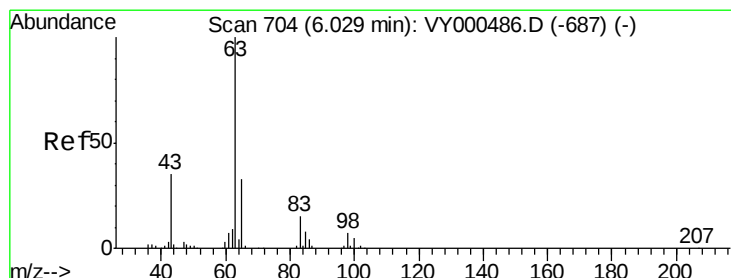
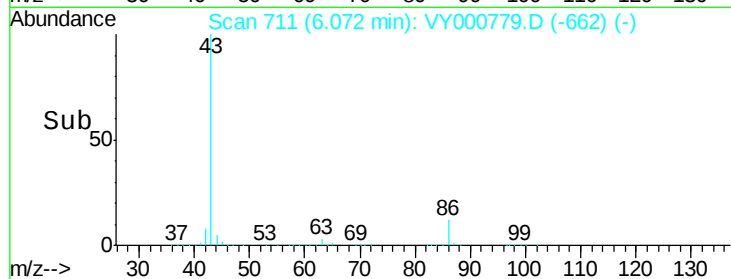
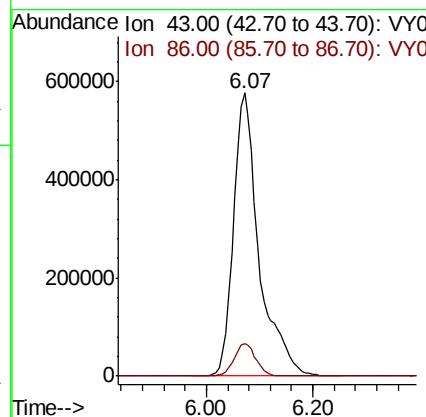
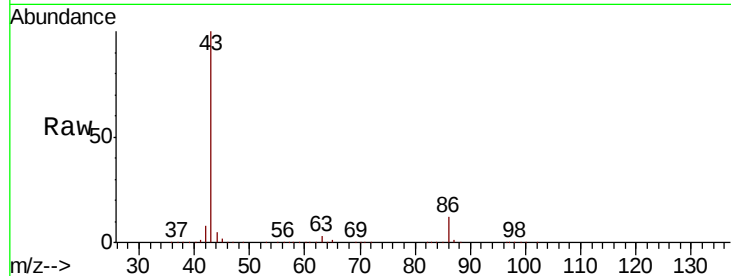
86 11.6 7.8 11.6

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#24

1,1-Dichloroethane

Concen: 54.804 ug/l

RT: 6.03 min Scan# 704

Delta R.T. 0.00 min

Lab File: VY000779.D

Acq: 21 Nov 2019 19:23

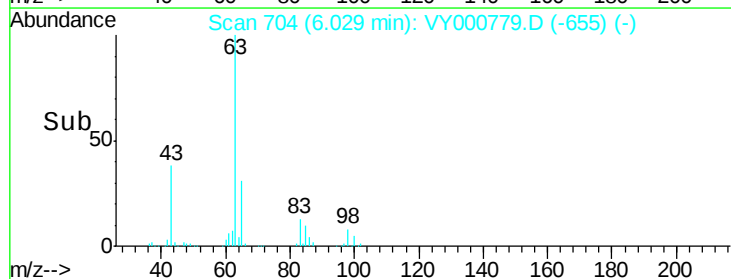
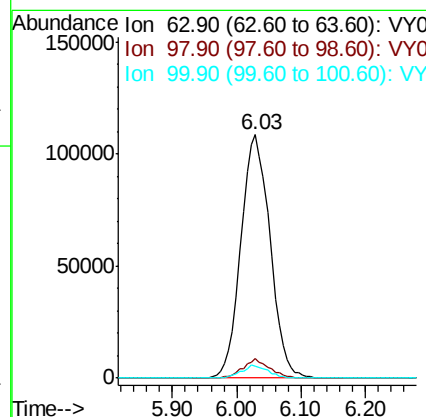
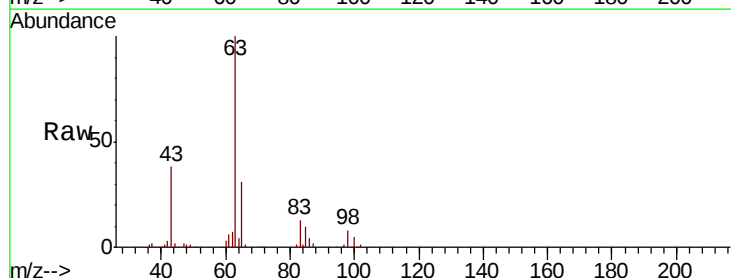
Tgt Ion: 63 Resp: 340327

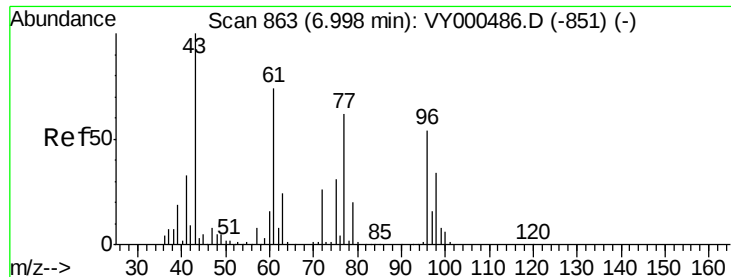
Ion Ratio Lower Upper

63 100

98 7.9 3.5 10.6

100 4.7 2.4 7.1





#25

2-Butanone

Concen: 247.680 ug/l

RT: 7.00 min Scan# 863

Delta R.T. 0.00 min

Lab File: VY000779.D

Acq: 21 Nov 2019 19:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 366063

Ion Ratio Lower Upper

43 100

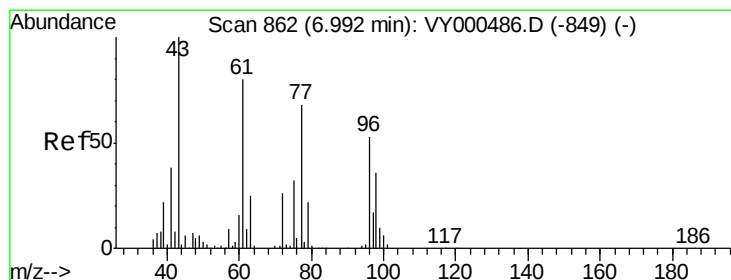
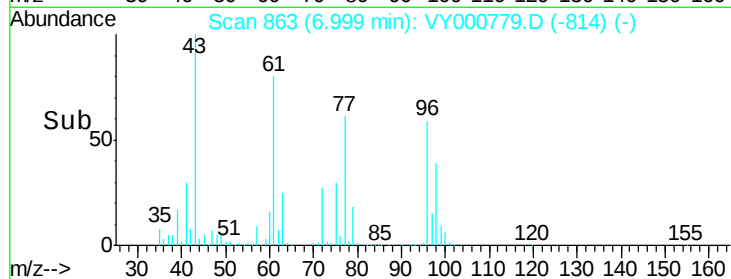
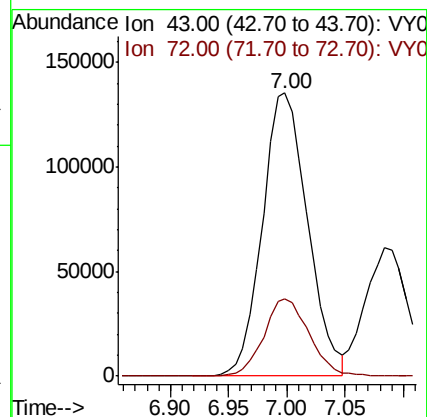
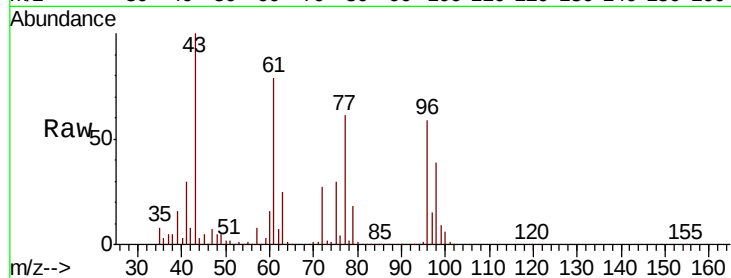
72 27.1 20.9 31.3

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 47.389 ug/l

RT: 6.99 min Scan# 862

Delta R.T. 0.00 min

Lab File: VY000779.D

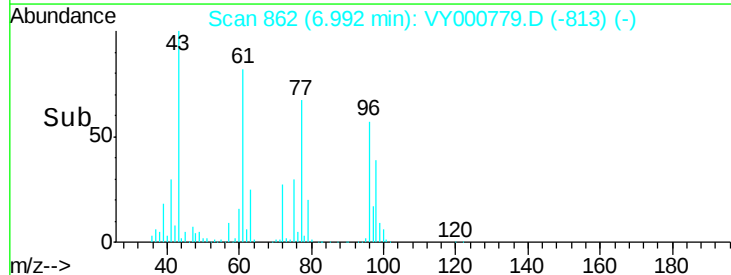
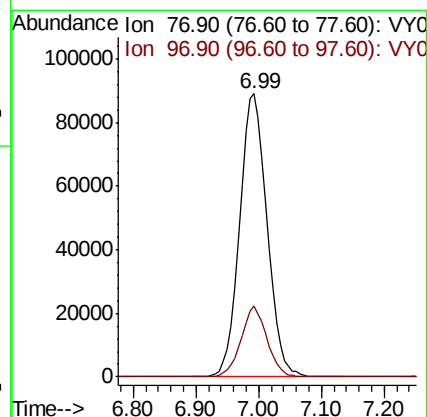
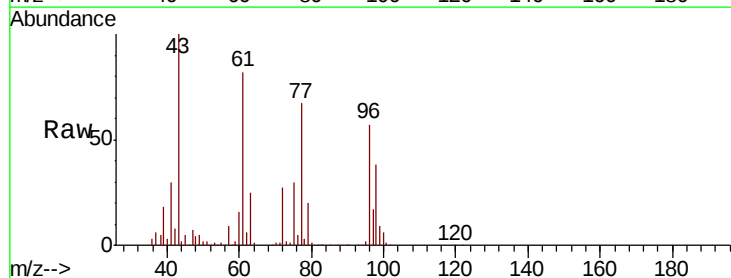
Acq: 21 Nov 2019 19:23

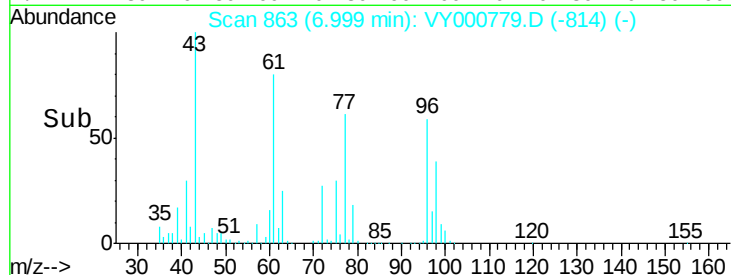
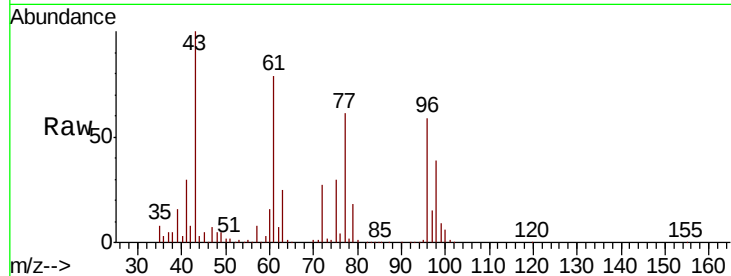
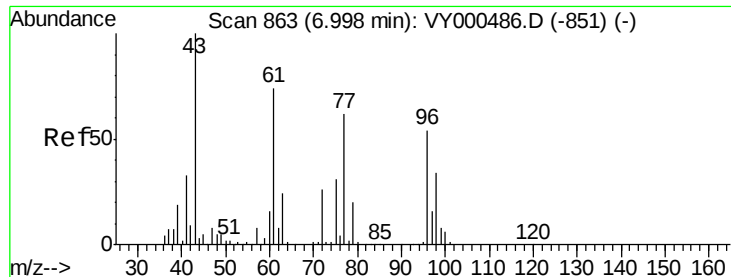
Tgt Ion: 77 Resp: 268929

Ion Ratio Lower Upper

77 100

97 23.7 11.8 35.4





#27

cis-1,2-Dichloroethene

Concen: 54.225 ug/l

RT: 7.00 min Scan# 863

Delta R.T. 0.00 min

Lab File: VY000779.D

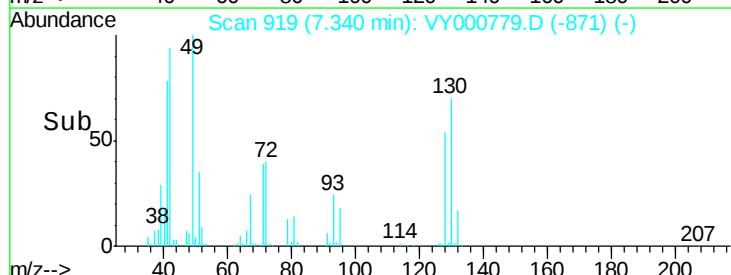
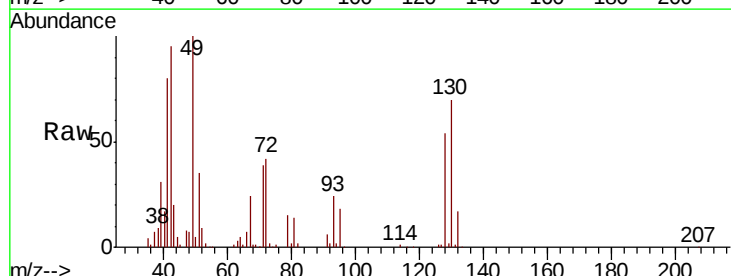
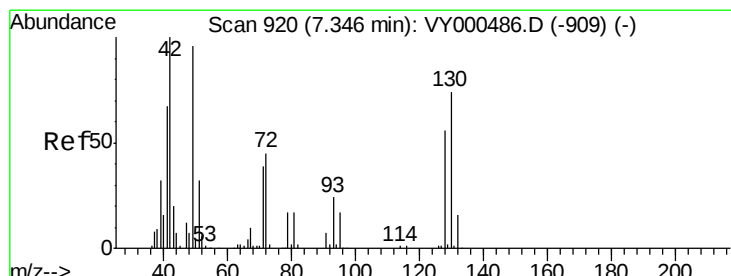
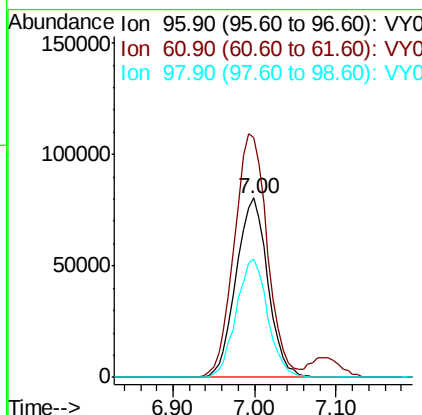
Acq: 21 Nov 2019 19:23

Tot Ion:	96	Resp:	217404
Ion	Ratio	Lower	Upper
96	100		
61	141.1	0.0	287.0
98	65.1	0.0	129.4

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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#28

Bromochloromethane

Concen: 55.578 ug/l

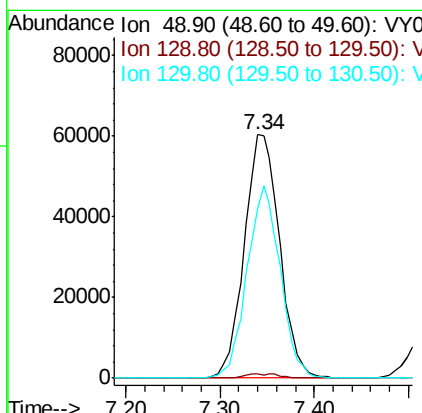
RT: 7.34 min Scan# 919

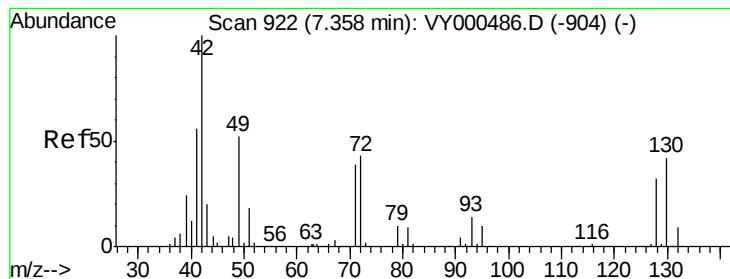
Delta R.T. -0.01 min

Lab File: VY000779.D

Acq: 21 Nov 2019 19:23

Tgt Ion:	49	Resp:	158809
Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	3.6
130	74.3	59.4	89.0





#29

Tetrahydrofuran

Concen: 273.683 ug/l

RT: 7.36 min Scan# 922

Delta R.T. 0.00 min

Lab File: VY000779.D

Acq: 21 Nov 2019 19:23

Instrument :

MSVOA_Y

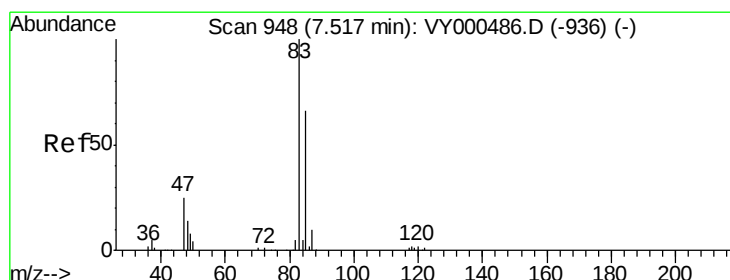
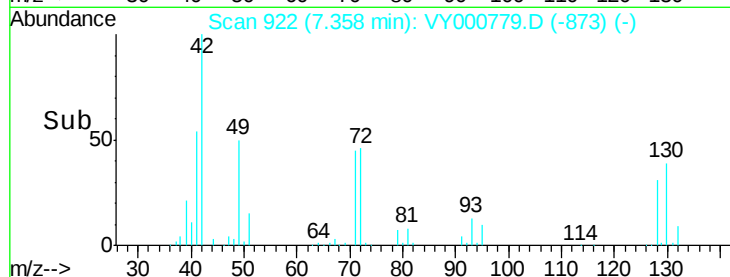
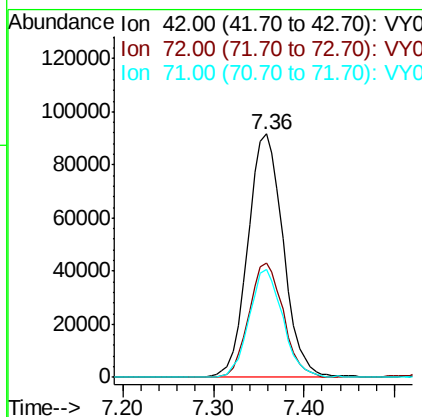
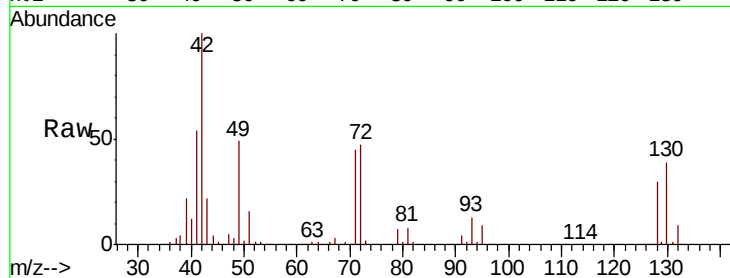
ClientSampleId :

VSTDCCC050EC

Tot Ion:	42	Resp:	247454
Ion Ratio		Lower	Upper
42	100		
72	45.6	34.0	51.0
71	42.3	30.8	46.2

Manual Integrations
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#30

Chloroform

Concen: 53.856 ug/l

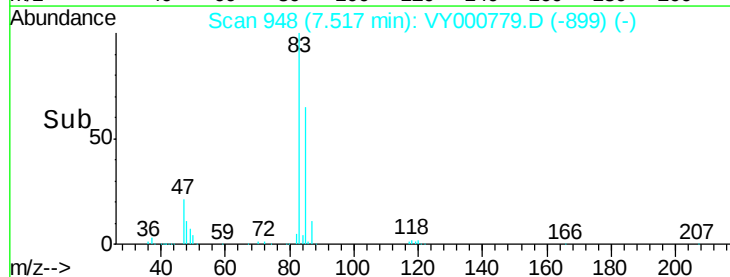
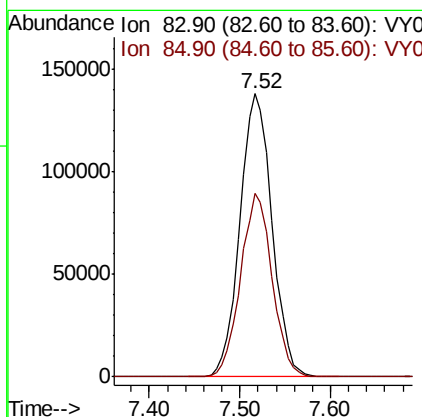
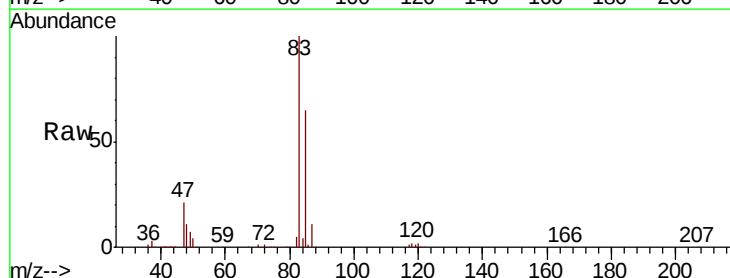
RT: 7.52 min Scan# 948

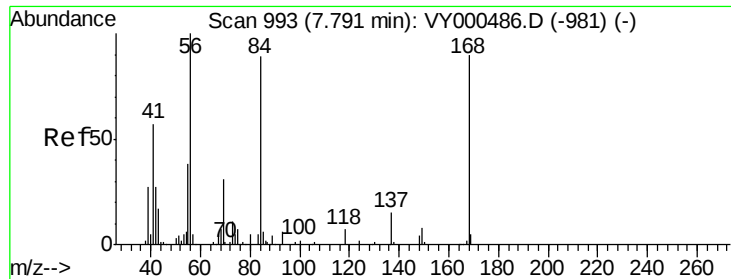
Delta R.T. 0.00 min

Lab File: VY000779.D

Acq: 21 Nov 2019 19:23

Tgt Ion:	83	Resp:	338323
Ion Ratio		Lower	Upper
83	100		
85	65.0	53.0	79.4





#31

Cyclohexane

Concen: 48.528 ug/l

RT: 7.79 min Scan# 993

Delta R.T. 0.00 min

Lab File: VY000779.D

Acq: 21 Nov 2019 19:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 315629

Ion Ratio Lower Upper

56 100

69 35.3 25.0 37.6

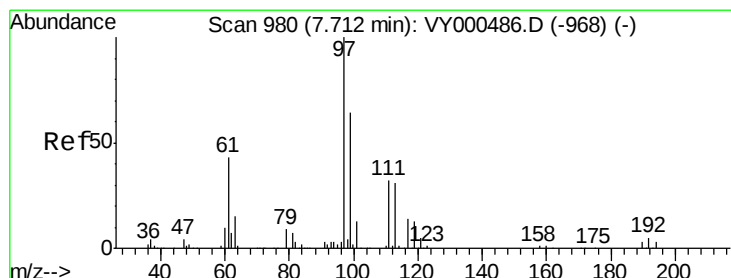
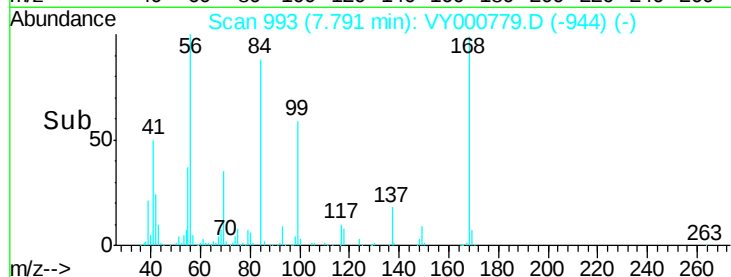
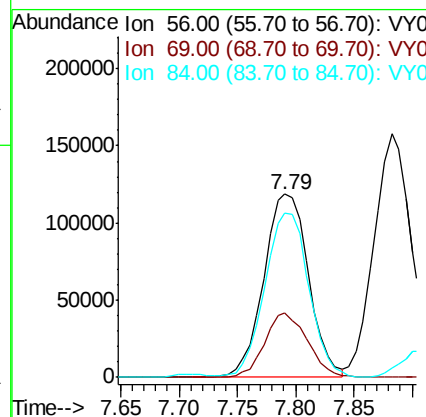
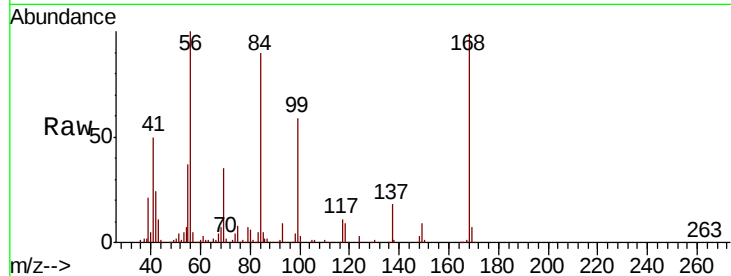
84 88.1 71.4 107.2

Manual Integrations

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#32

1,1,1-Trichloroethane

Concen: 49.632 ug/l

RT: 7.71 min Scan# 980

Delta R.T. 0.00 min

Lab File: VY000779.D

Acq: 21 Nov 2019 19:23

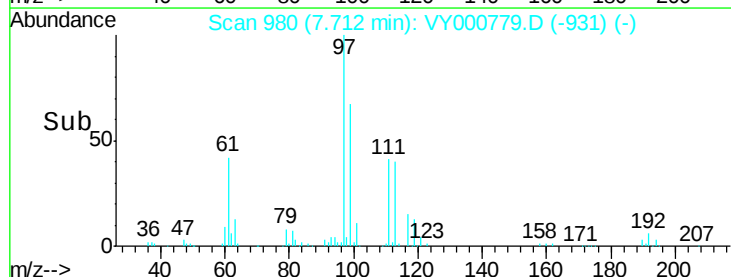
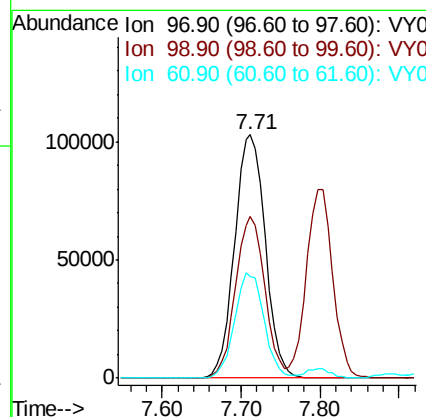
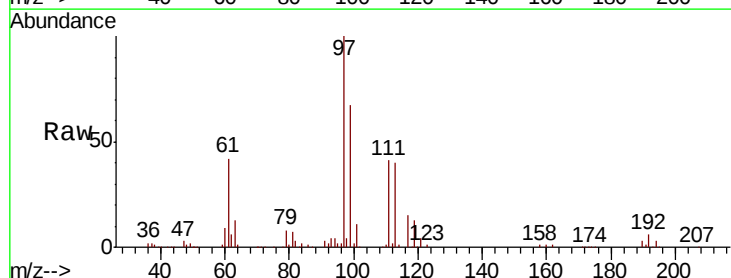
Tgt Ion: 97 Resp: 277874

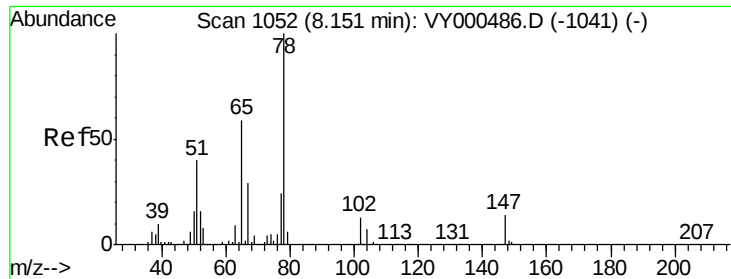
Ion Ratio Lower Upper

97 100

99 63.5 50.9 76.3

61 41.6 34.9 52.3





#33

1,2-Dichloroethane-d4

Concen: 53.144 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.00 min

Lab File: VY000779.D

Acq: 21 Nov 2019 19:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 65 Resp: 178569

Ion Ratio Lower Upper

65 100

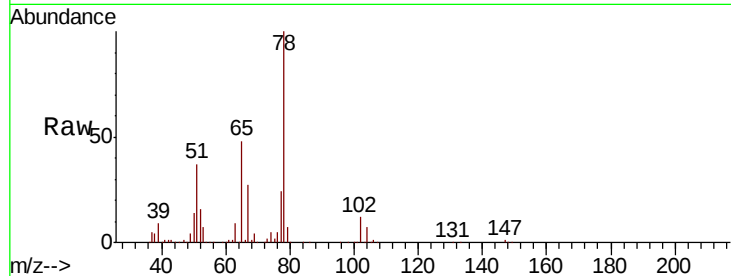
67 55.7 0.0 107.2

Manual Integrations

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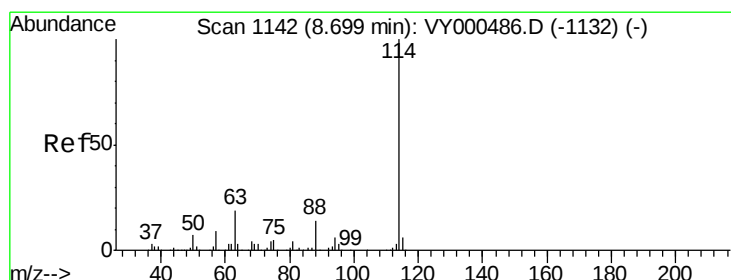
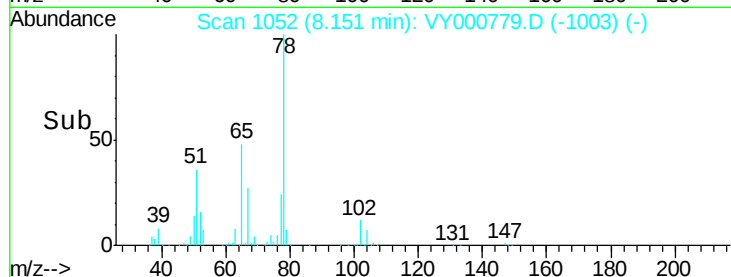
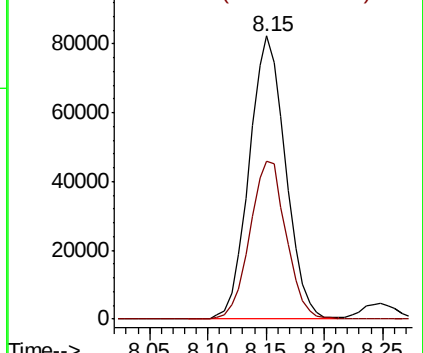
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Abundance Ion 64.90 (64.60 to 65.60): VY000779.D (-1003) (-)

Ion 66.90 (66.60 to 67.60): VY000779.D (-1003) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. -0.01 min

Lab File: VY000779.D

Acq: 21 Nov 2019 19:23

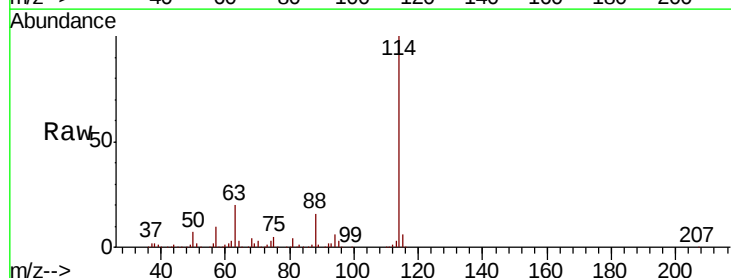
Tgt Ion: 114 Resp: 581328

Ion Ratio Lower Upper

114 100

63 19.6 0.0 38.0

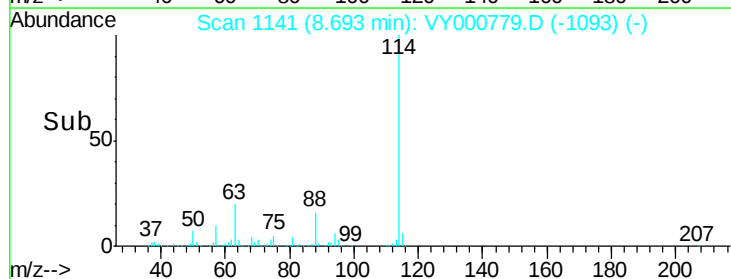
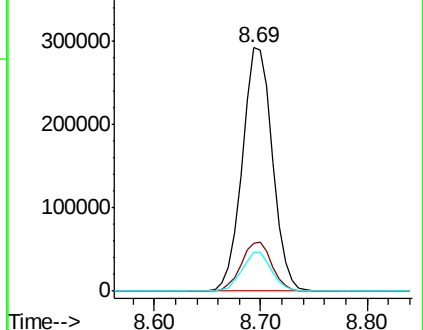
88 15.9 0.0 28.6

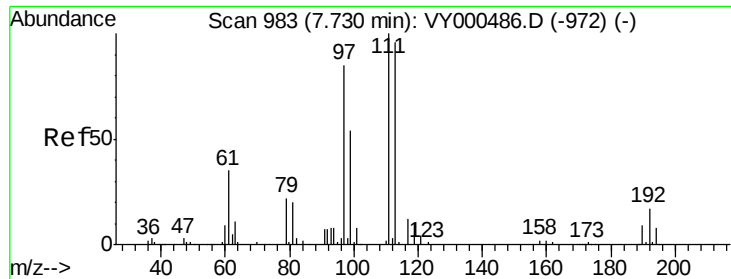


Abundance Ion 113.90 (113.60 to 114.60): VY000779.D (-1093) (-)

Ion 63.00 (62.70 to 63.70): VY000779.D (-1093) (-)

Ion 87.90 (87.60 to 88.60): VY000779.D (-1093) (-)





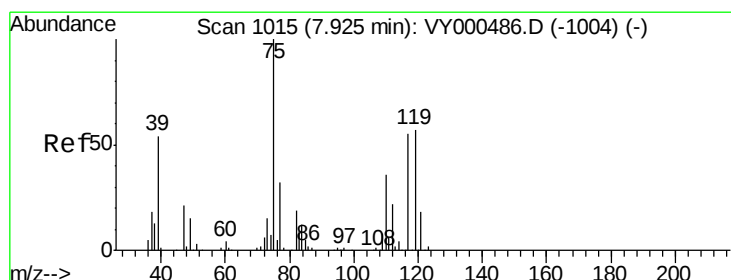
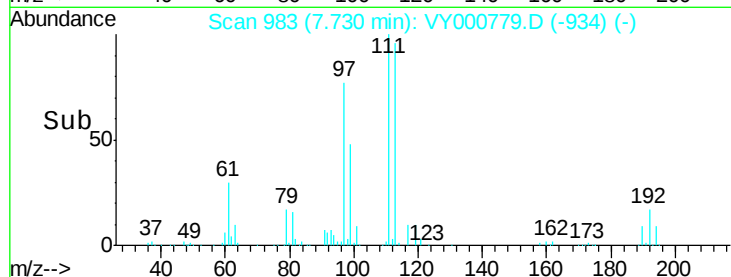
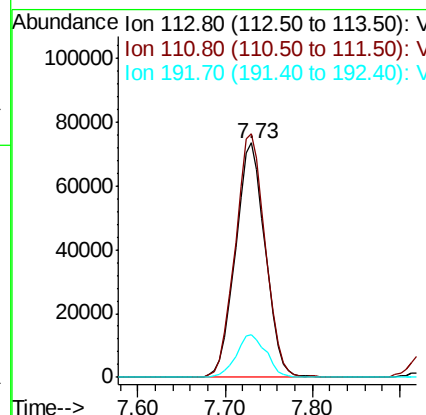
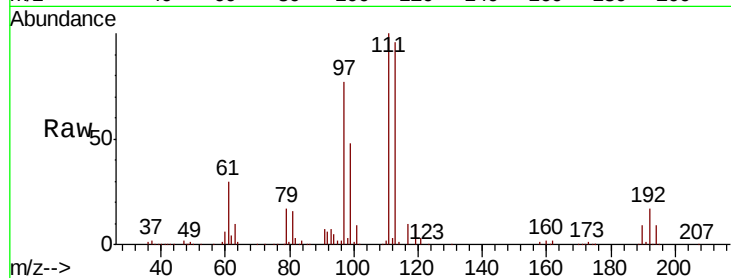
#35
 Dibromofluoromethane
 Concen: 50.865 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. 0.00 min
 Lab File: VY000779.D
 Acq: 21 Nov 2019 19:23

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	173591		
111	104.9	81.7	122.5	
192	18.3	15.0	22.4	

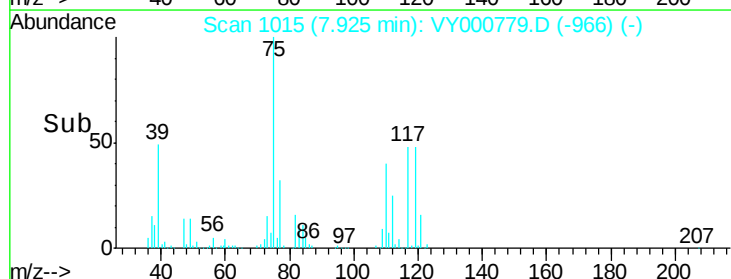
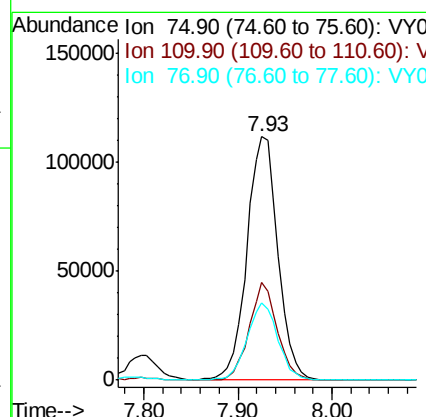
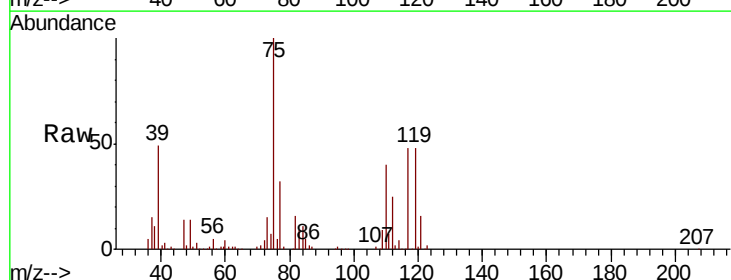
Manual Integrations
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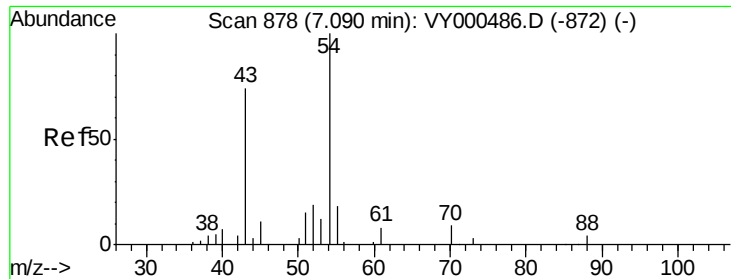
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 11/23/2019 6:11:12 AM



#36
 1,1-Dichloropropene
 Concen: 46.475 ug/l
 RT: 7.93 min Scan# 1015
 Delta R.T. 0.00 min
 Lab File: VY000779.D
 Acq: 21 Nov 2019 19:23

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	255405		
110	36.5	18.1	54.1	
77	31.7	25.0	37.6	





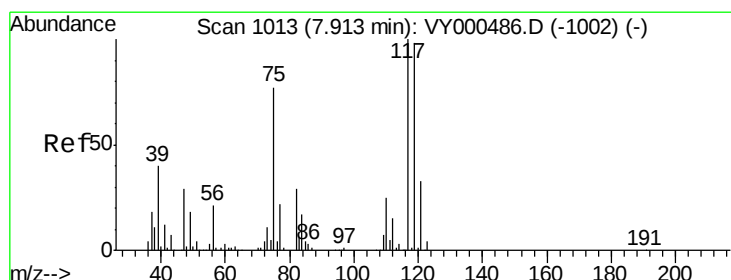
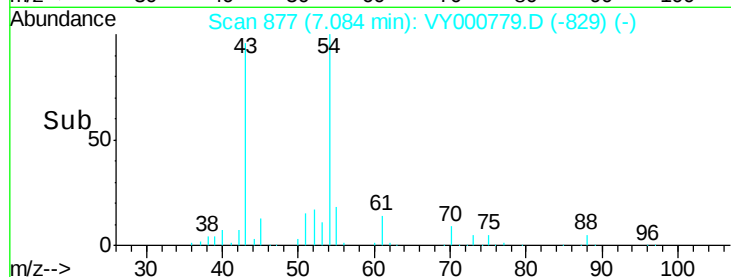
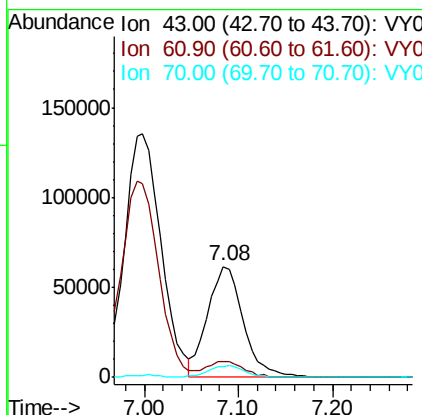
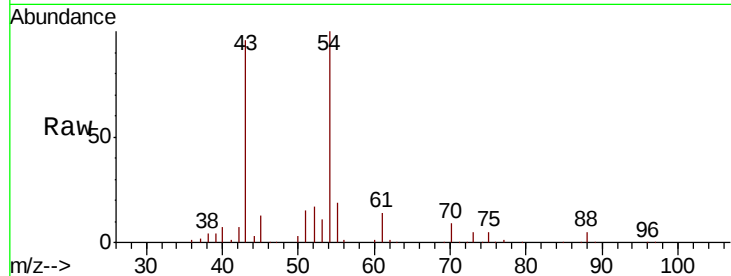
#37
Ethyl Acetate
Concen: 49.734 ug/l
RT: 7.08 min Scan# 877
Delta R.T. -0.01 min
Lab File: VY000779.D
Acq: 21 Nov 2019 19:23

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.6	10.2	15.2
70	10.8	7.8	11.8

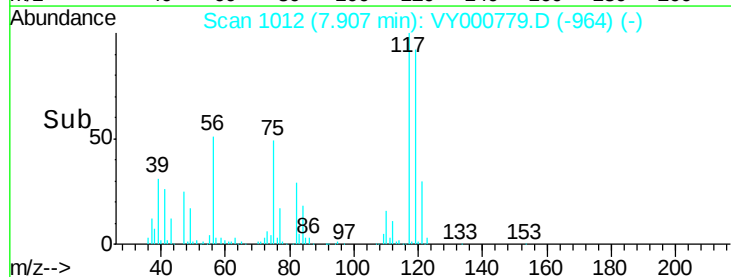
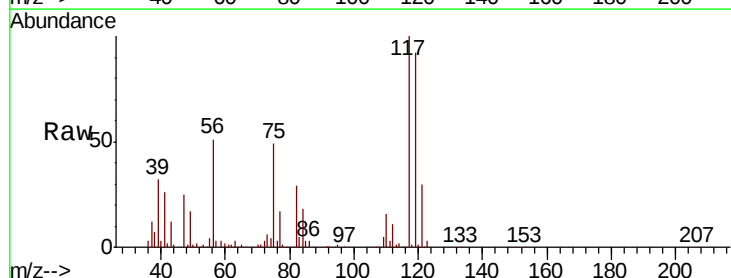
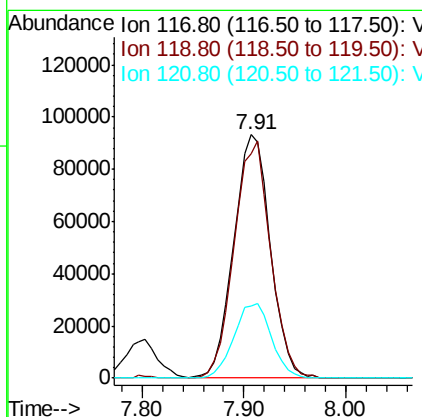
Manual Integrations
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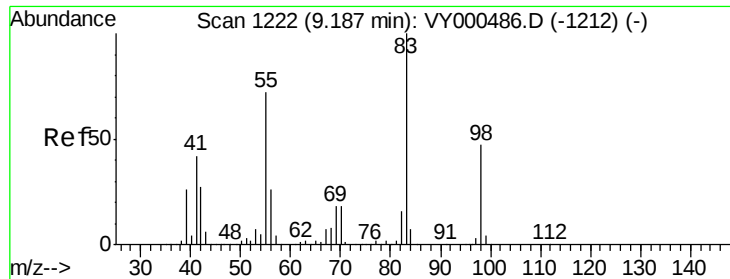
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#38
Carbon Tetrachloride
Concen: 43.890 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.01 min
Lab File: VY000779.D
Acq: 21 Nov 2019 19:23

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.3	78.0	117.0
121	29.5	26.6	40.0





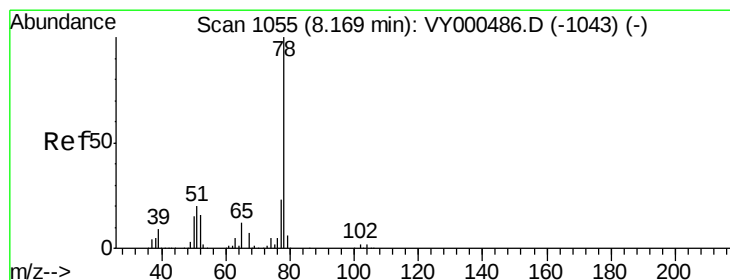
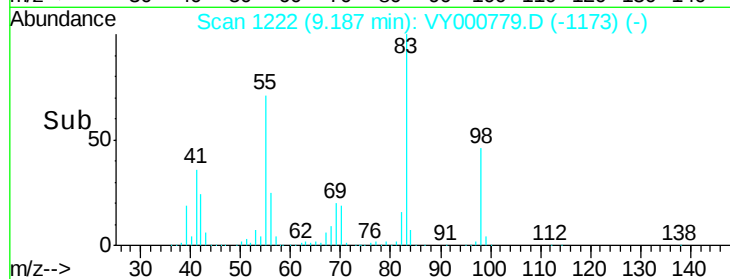
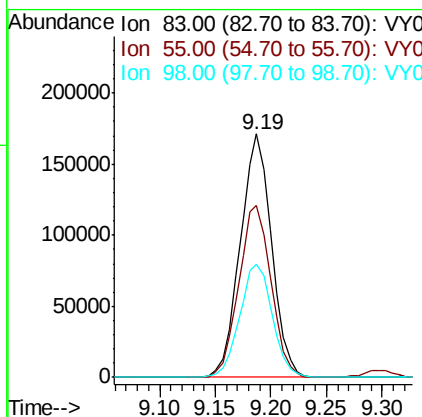
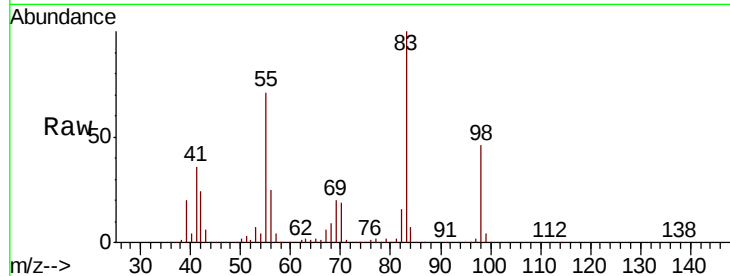
#39
Methvlcvclohexane
Concen: 47.101 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY000779.D
Acq: 21 Nov 2019 19:23

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	70.6	57.5	86.3
98	46.2	38.0	57.0

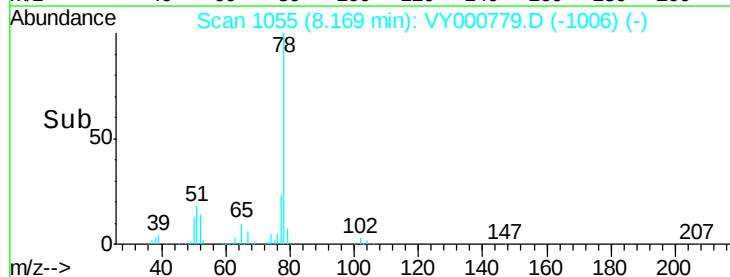
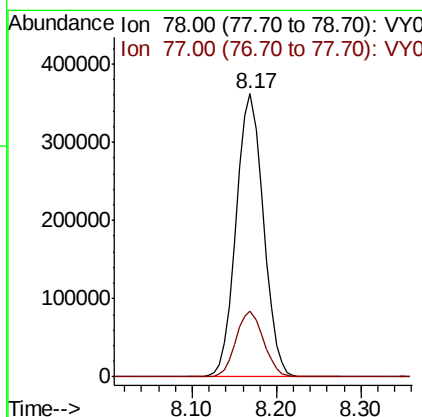
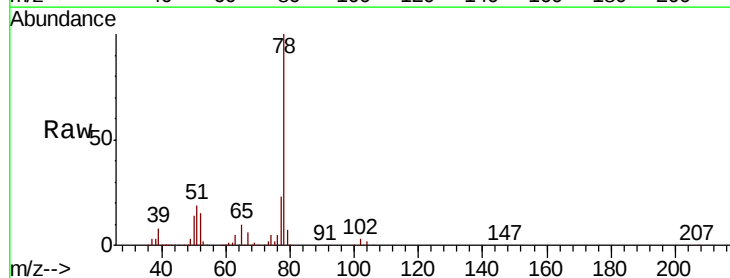
Manual Integrations
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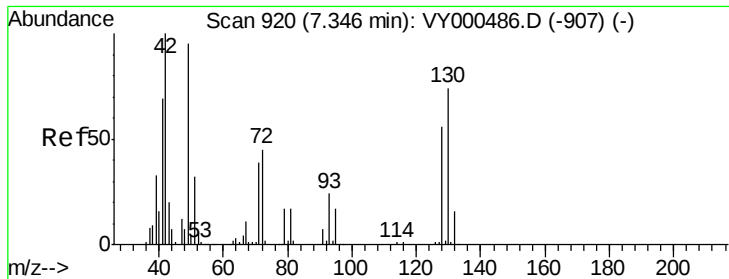
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#40
Benzene
Concen: 48.914 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. 0.00 min
Lab File: VY000779.D
Acq: 21 Nov 2019 19:23

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.2	18.6	28.0





#41

Methacrylonitrile

Concen: 40.940 ug/l m

RT: 7.33 min Scan# 917

Delta R.T. -0.02 min

Lab File: VY000779.D

Acq: 21 Nov 2019 19:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 74517
Ion Ratio Lower Upper

41 100

39 0.0 68.2 102.4#

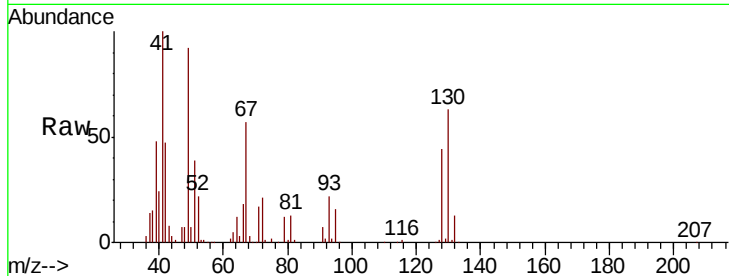
67 0.0 0.0 0.0

52 0.0 0.0 0.0

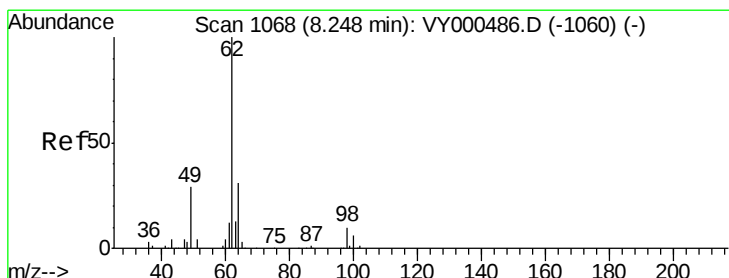
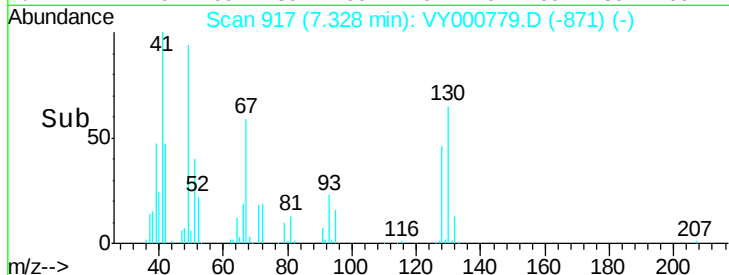
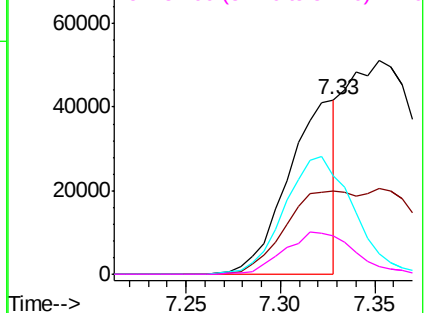
Manual Integrations
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Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0



#42

1,2-Dichloroethane

Concen: 46.823 ug/l

RT: 8.25 min Scan# 1068

Delta R.T. 0.00 min

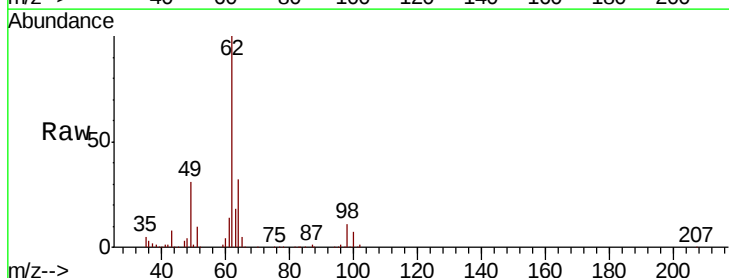
Lab File: VY000779.D

Acq: 21 Nov 2019 19:23

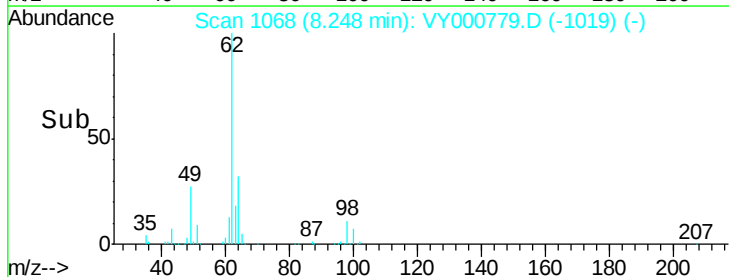
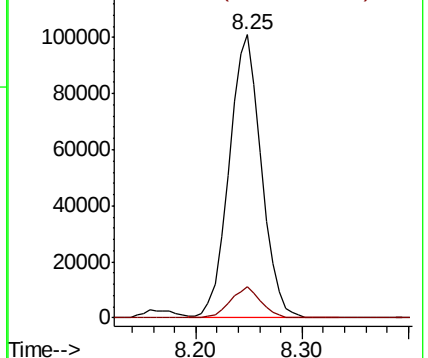
Tgt Ion: 62 Resp: 213967
Ion Ratio Lower Upper

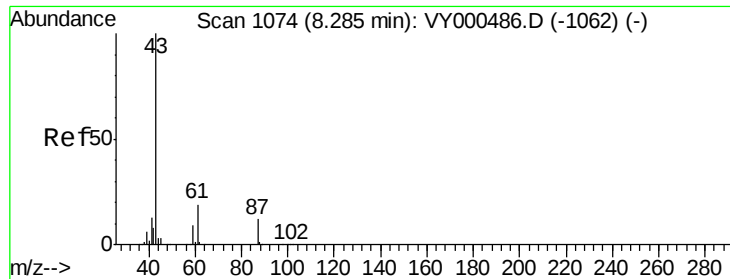
62 100

98 10.4 0.0 19.2



Abundance Ion 61.90 (61.60 to 62.60): VY0
Ion 97.90 (97.60 to 98.60): VY0





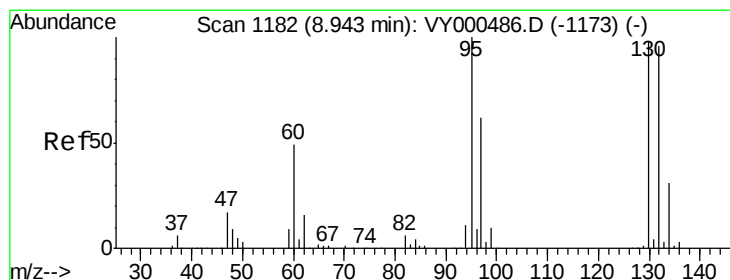
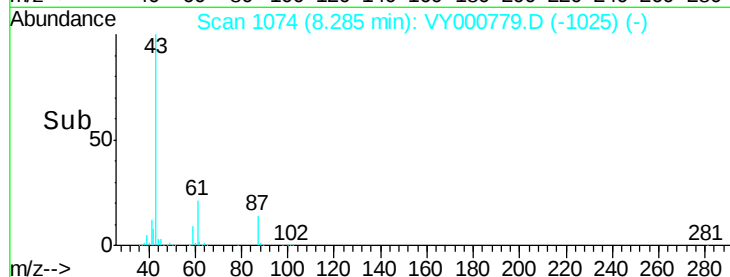
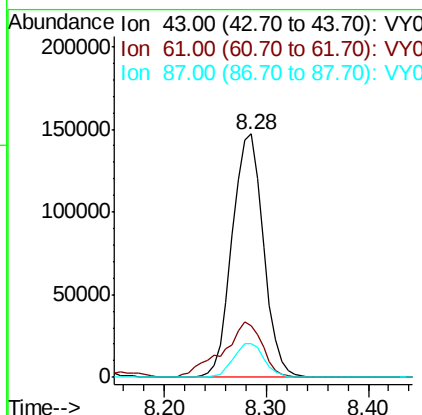
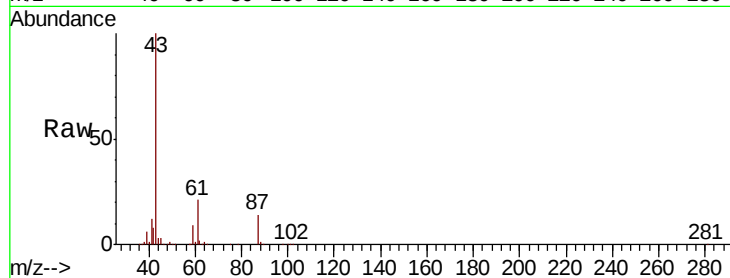
#43
Isopropyl Acetate
Concen: 50.800 ug/l
RT: 8.28 min Scan# 1074
Delta R.T. 0.00 min
Lab File: VY000779.D
Acq: 21 Nov 2019 19:23

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	29.3	23.0	34.4
87	13.9	10.5	15.7

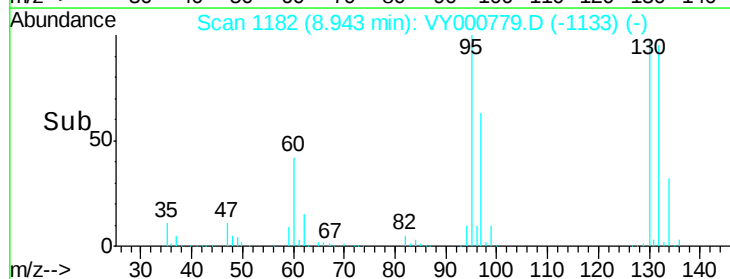
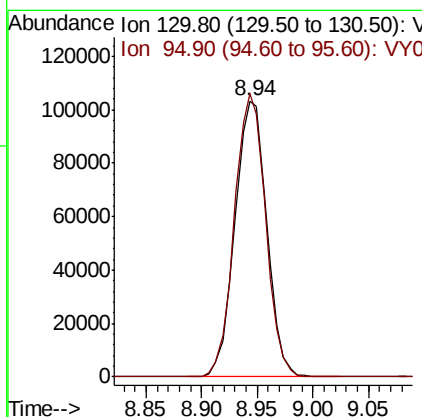
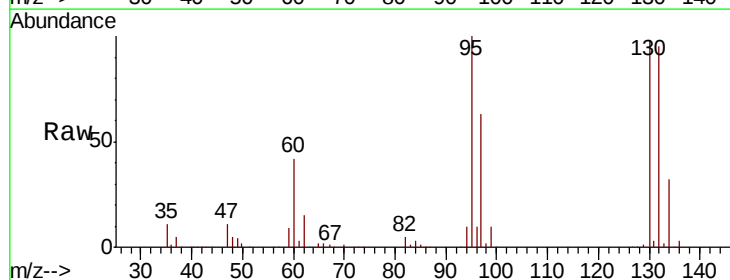
Manual Integrations
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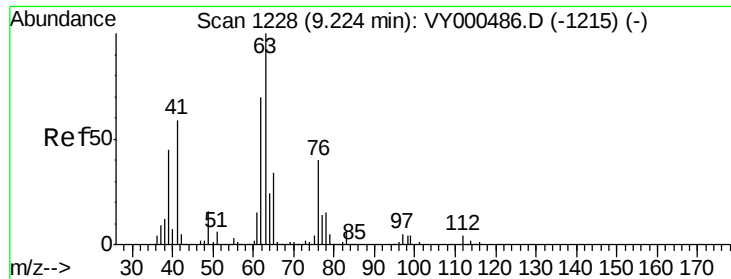
MMDadoda
11/23/2019 6:11:12 AM



#44
Trichloroethene
Concen: 48.048 ug/l
RT: 8.94 min Scan# 1182
Delta R.T. 0.00 min
Lab File: VY000779.D
Acq: 21 Nov 2019 19:23

Tgt Ion	Ratio	Lower	Upper
130	100		
95	102.5	0.0	203.2





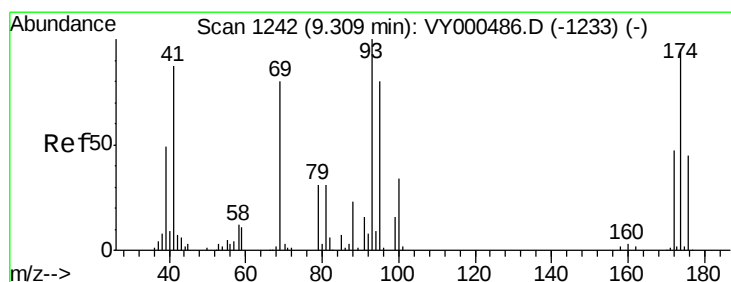
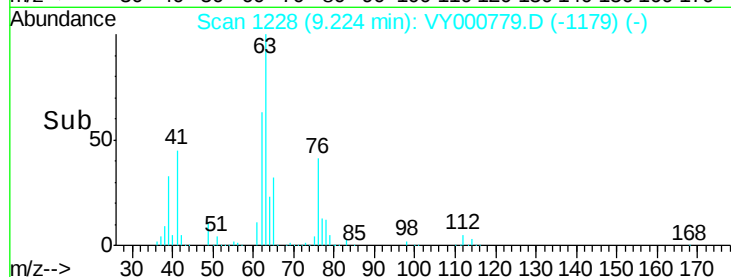
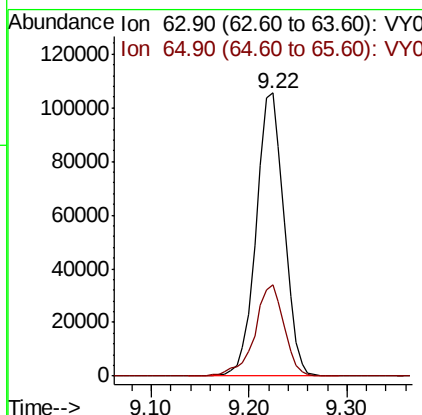
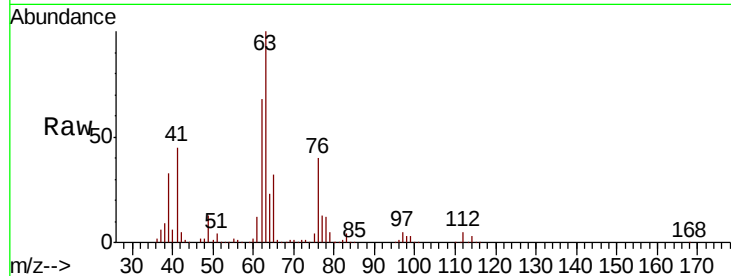
#45
 1,2-Dichloropropane
 Concen: 52.539 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. 0.00 min
 Lab File: VY000779.D
 Acq: 21 Nov 2019 19:23

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.3	27.0	40.4

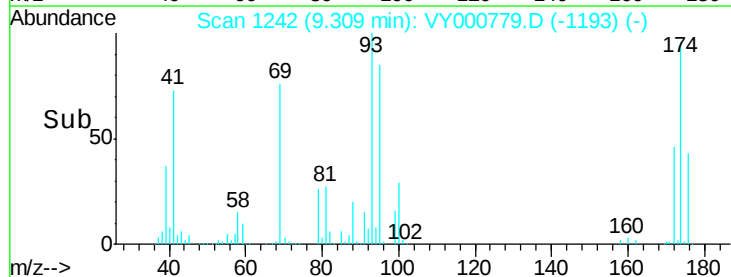
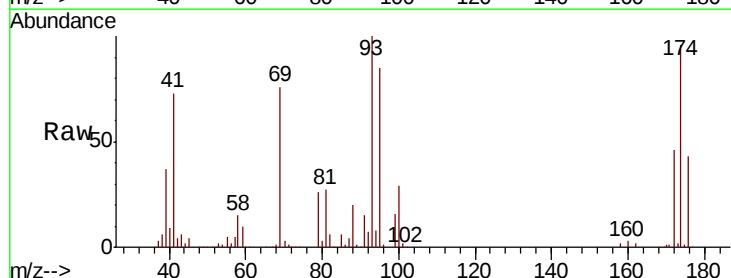
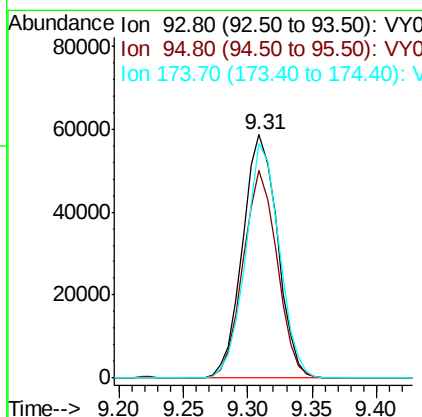
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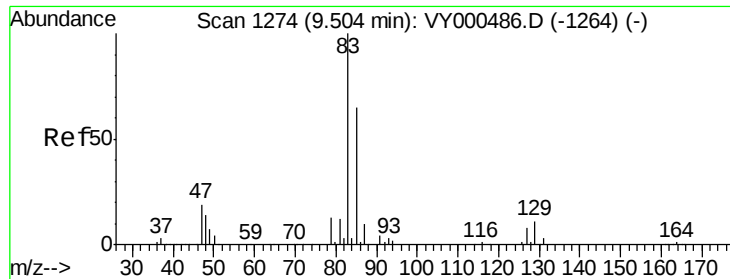
MMDadoda
 11/23/2019 6:11:12 AM



#46
 Dibromomethane
 Concen: 50.400 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: VY000779.D
 Acq: 21 Nov 2019 19:23

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.0	66.4	99.6
174	93.0	77.1	115.7





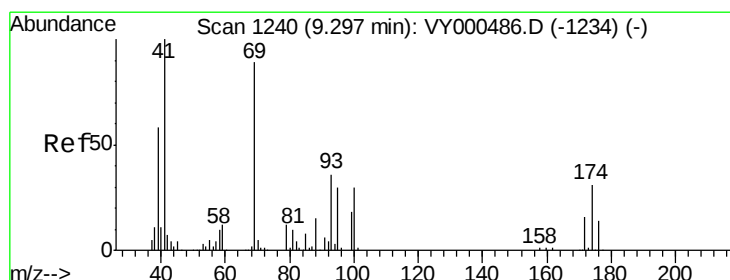
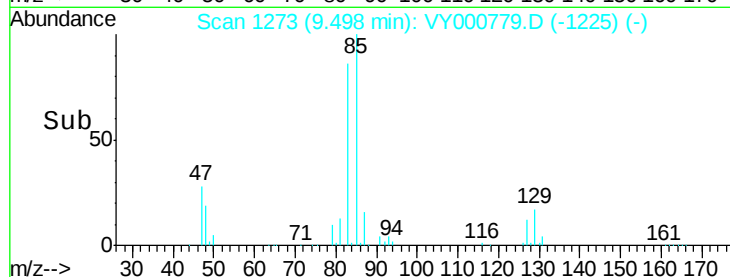
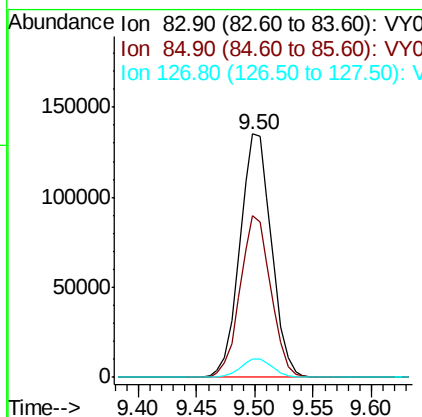
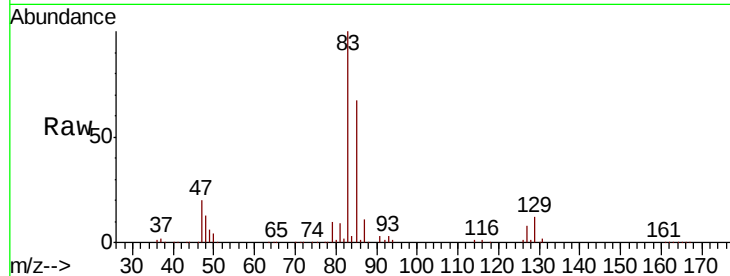
#47
Bromodichloromethane
Concen: 49.171 ug/l
RT: 9.50 min Scan# 1273
Delta R.T. -0.01 min
Lab File: VY000779.D
Acq: 21 Nov 2019 19:23

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100	254443		
85	66.6	51.8	77.8	
127	7.8	6.7	10.1	

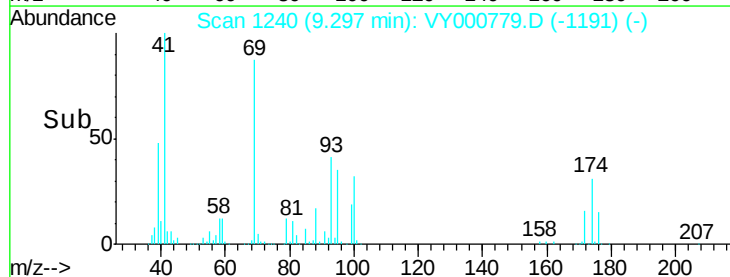
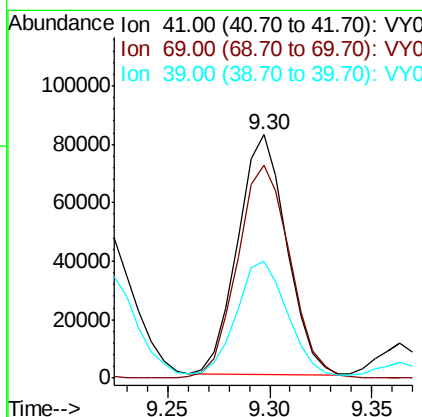
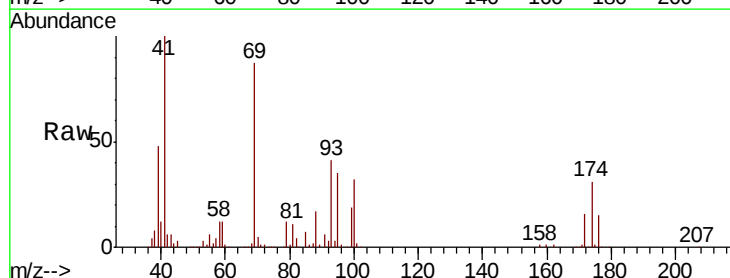
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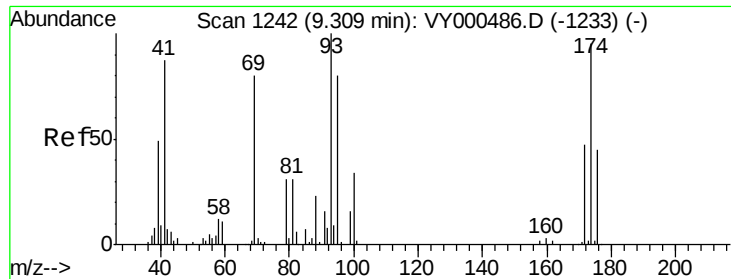
MMDadoda
11/23/2019 6:11:12 AM



#48
Methyl methacrylate
Concen: 51.230 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VY000779.D
Acq: 21 Nov 2019 19:23

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	137191		
69	95.2	72.5	108.7	
39	51.9	47.8	71.8	





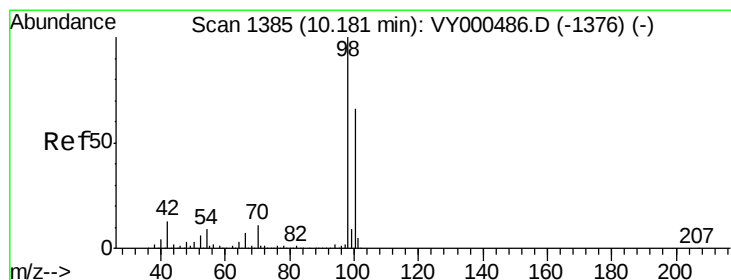
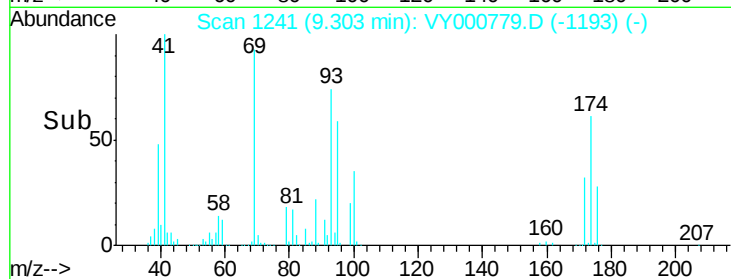
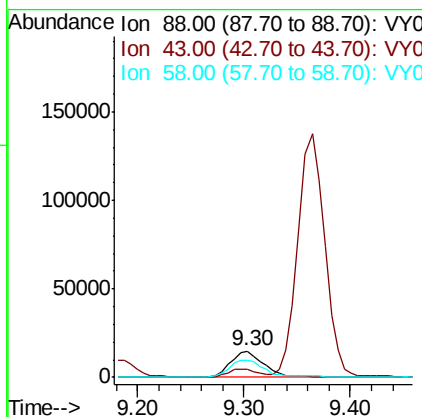
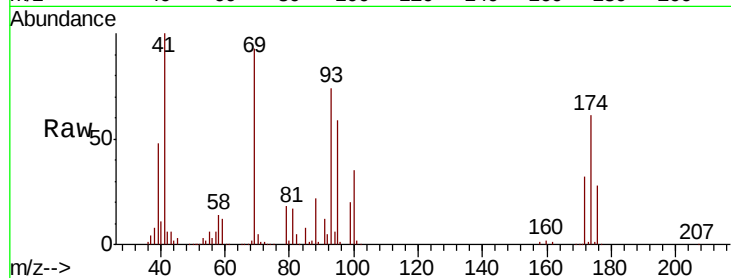
#49
1,4-Dioxane
Concen: 1135.885 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. -0.01 min
Lab File: VY000779.D
Acq: 21 Nov 2019 19:23

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	27.2	25.1	37.7
58	68.7	50.6	75.8

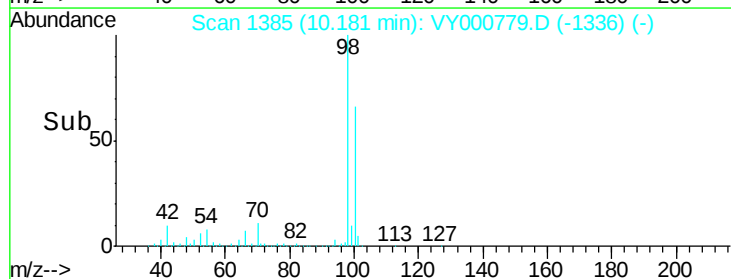
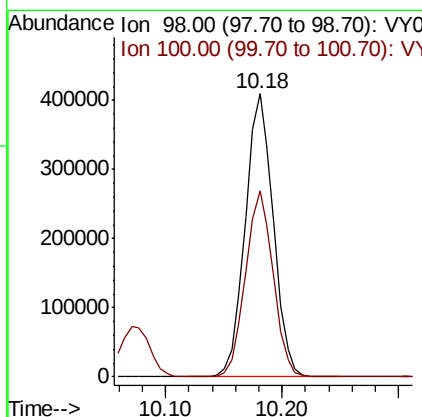
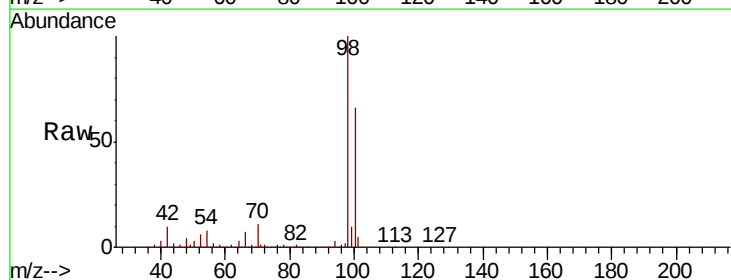
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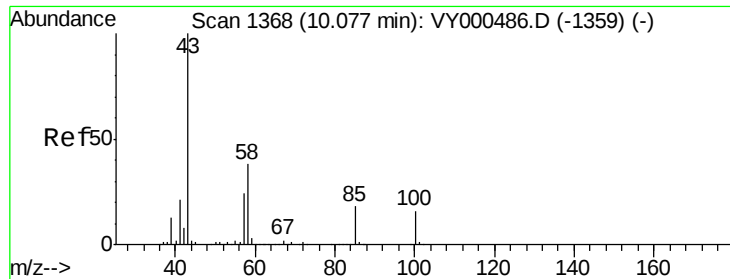
MMDadoda
11/23/2019 6:11:12 AM



#50
Toluene-d8
Concen: 53.037 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY000779.D
Acq: 21 Nov 2019 19:23

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.0	52.9	79.3





#51

4-Methyl-2-Pentanone

Concen: 252.192 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. -0.01 min

Lab File: VY000779.D

Acq: 21 Nov 2019 19:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 821814

Ion Ratio Lower Upper

43 100

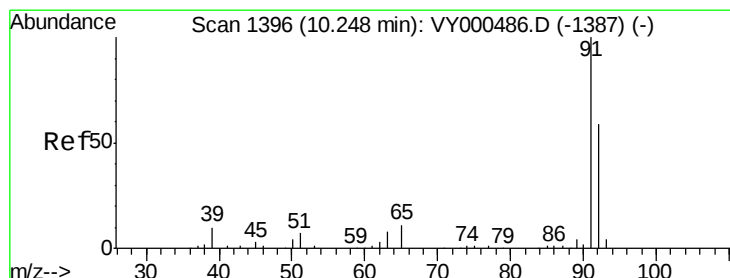
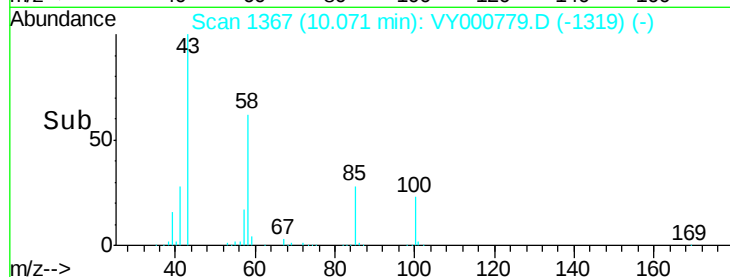
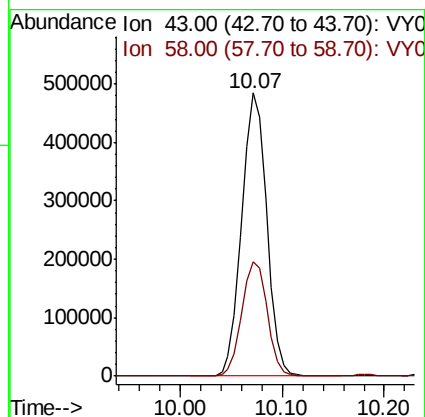
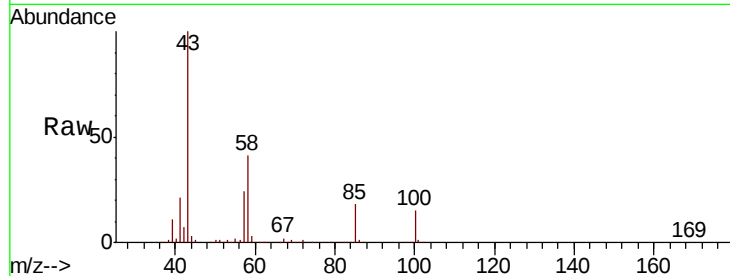
58 41.1 30.2 45.4

Manual Integrations

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MMDadoda

11/23/2019 6:11:12 AM



#52

Toluene

Concen: 48.091 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. -0.01 min

Lab File: VY000779.D

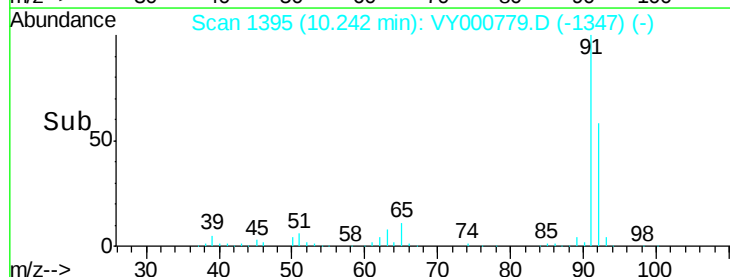
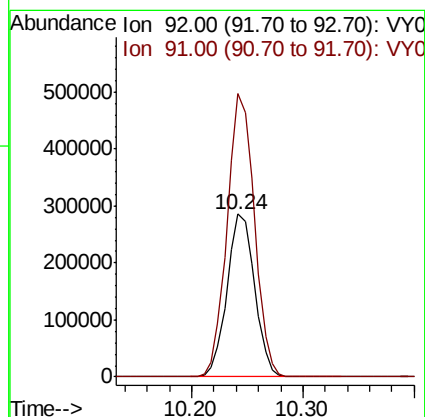
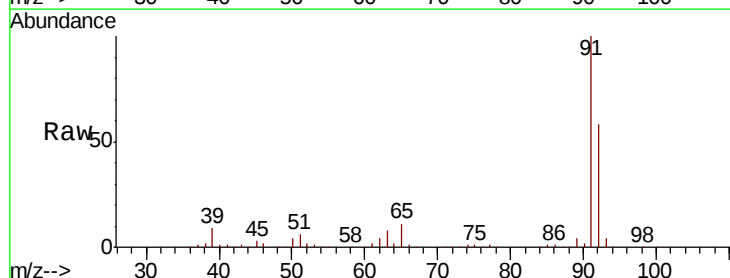
Acq: 21 Nov 2019 19:23

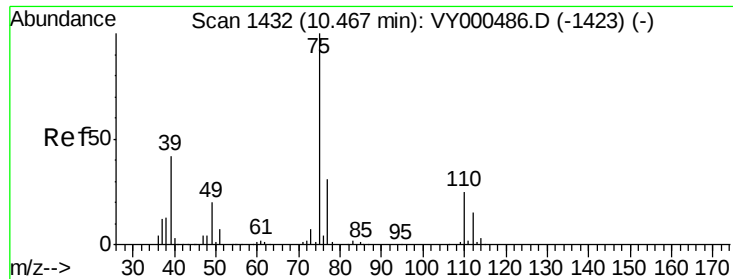
Tgt Ion: 92 Resp: 489874

Ion Ratio Lower Upper

92 100

91 172.4 136.3 204.5





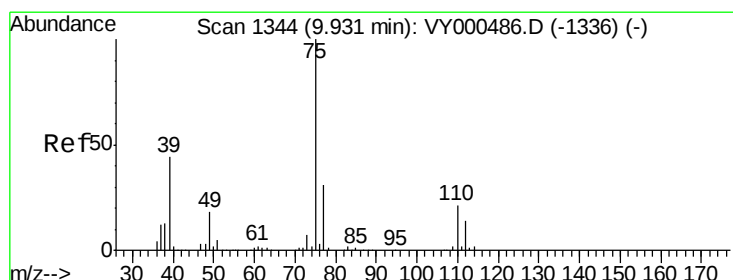
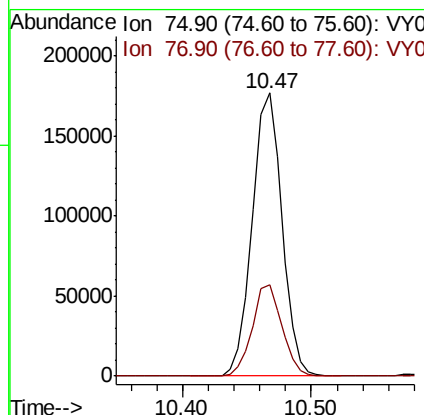
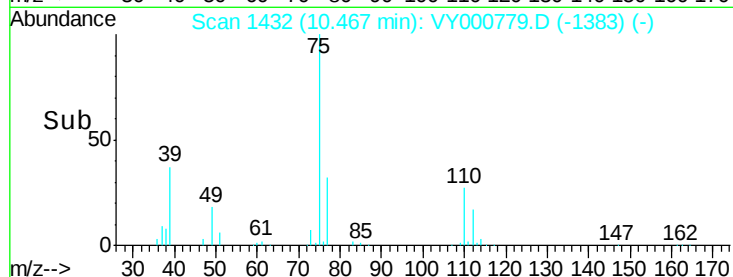
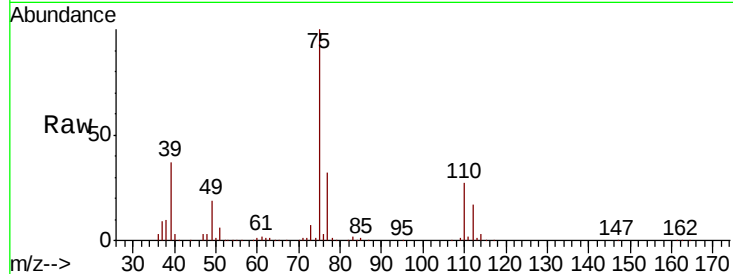
#53
t-1,3-Dichloropropene
Concen: 50.772 ug/l
RT: 10.47 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VY000779.D
Acq: 21 Nov 2019 19:23

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 280722
Ion Ratio Lower Upper
75 100
77 32.1 24.6 37.0

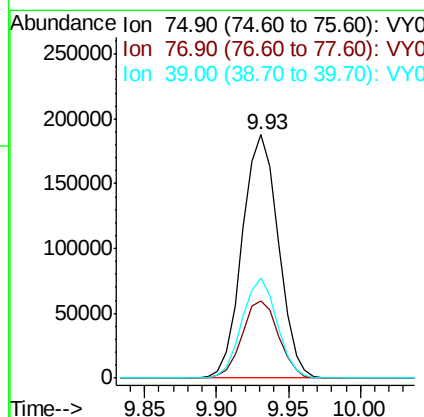
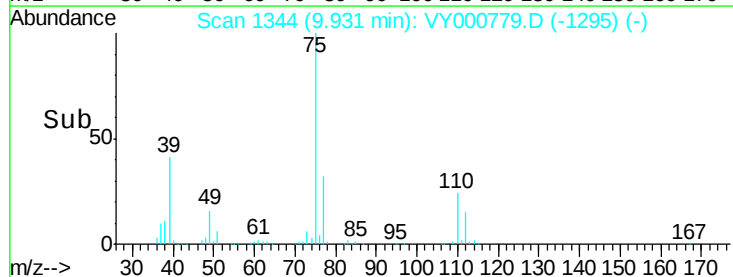
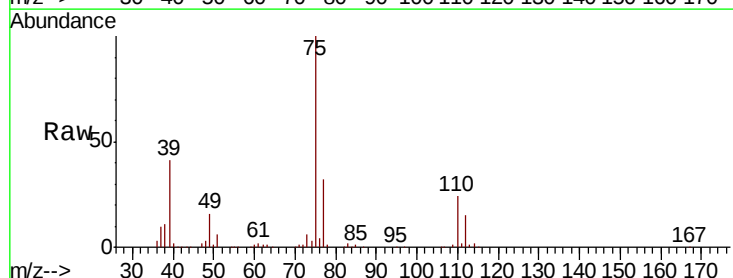
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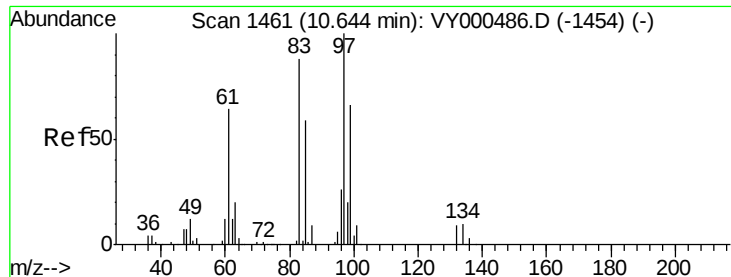
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#54
cis-1,3-Dichloropropene
Concen: 51.579 ug/l
RT: 9.93 min Scan# 1344
Delta R.T. 0.00 min
Lab File: VY000779.D
Acq: 21 Nov 2019 19:23

Tgt Ion: 75 Resp: 326708
Ion Ratio Lower Upper
75 100
77 31.7 24.5 36.7
39 41.3 35.4 53.2





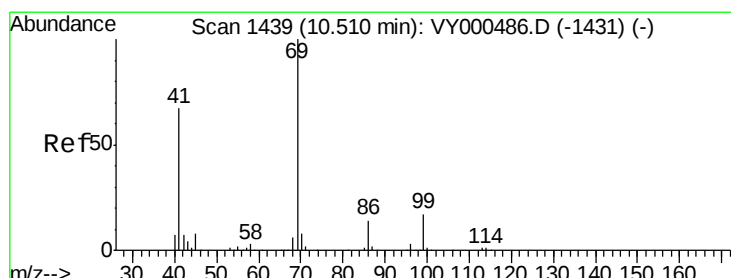
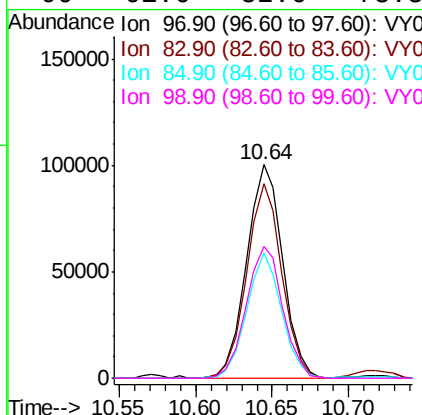
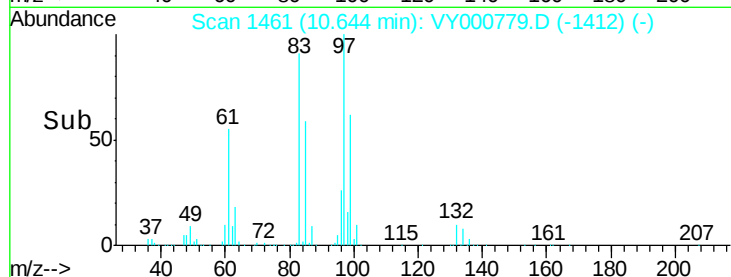
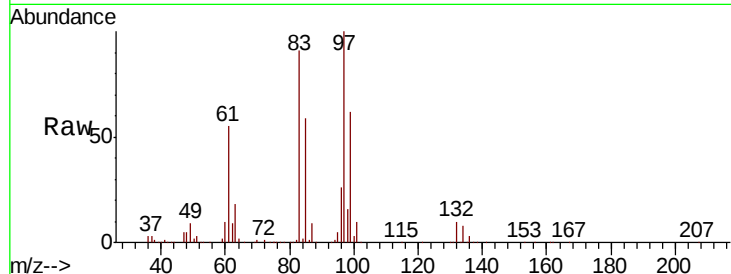
#55
 1,1,2-Trichloroethane
 Concen: 52.122 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY000779.D
 Acq: 21 Nov 2019 19:23

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	164410
Ion	Ratio	Lower	Upper
97	100		
83	91.3	70.2	105.4
85	58.5	46.9	70.3
99	61.6	52.6	78.8

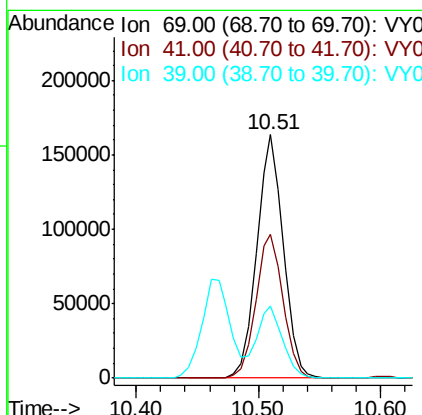
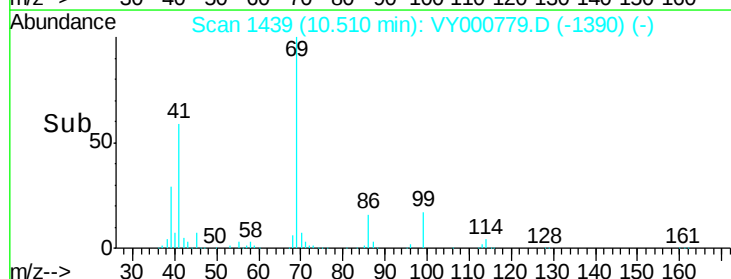
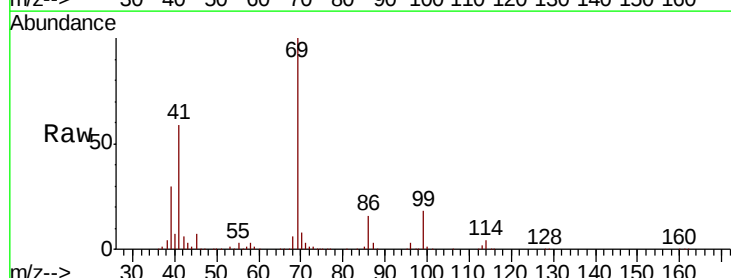
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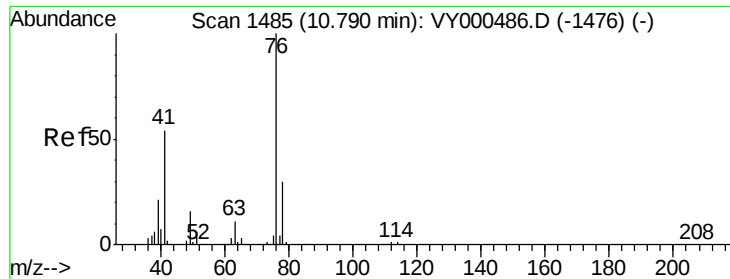
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 11/23/2019 6:11:12 AM



#56
 Ethyl methacrylate
 Concen: 55.115 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY000779.D
 Acq: 21 Nov 2019 19:23

Tgt Ion:	69	Resp:	246402
Ion	Ratio	Lower	Upper
69	100		
41	60.4	53.3	79.9
39	29.6	28.0	42.0





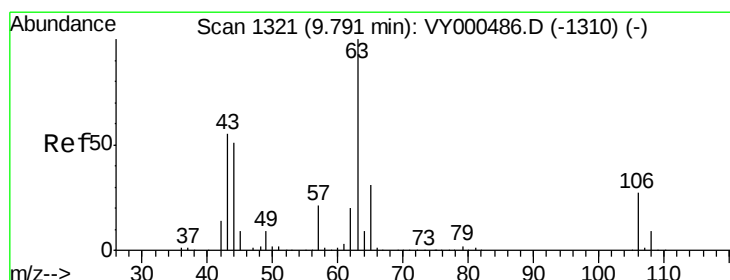
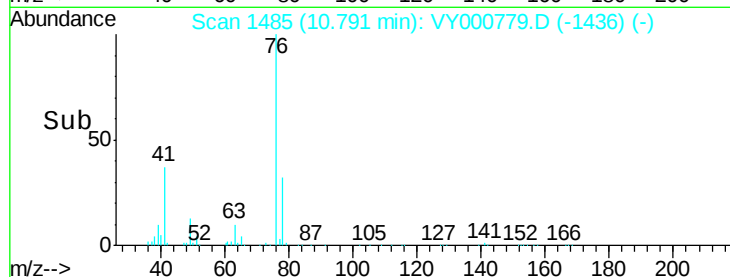
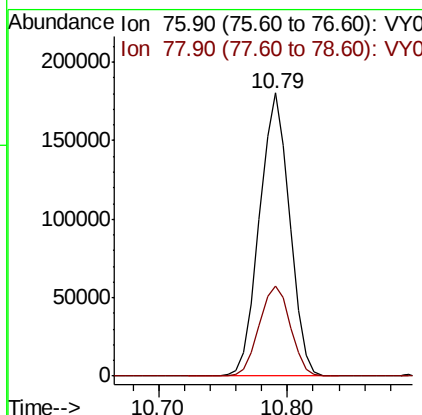
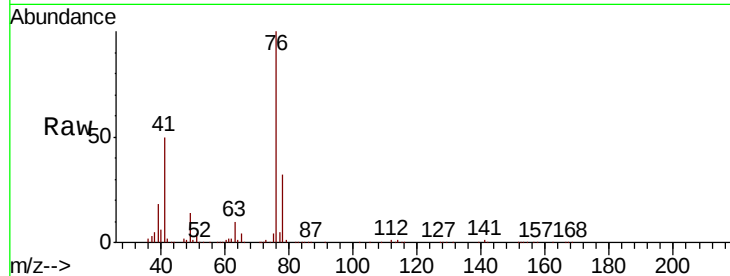
#57
 1,3-Dichloropropane
 Concen: 52.965 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. 0.00 min
 Lab File: VY000779.D
 Acq: 21 Nov 2019 19:23

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 76 Resp: 292407
 Ion Ratio Lower Upper
 76 100
 78 32.9 25.2 37.8

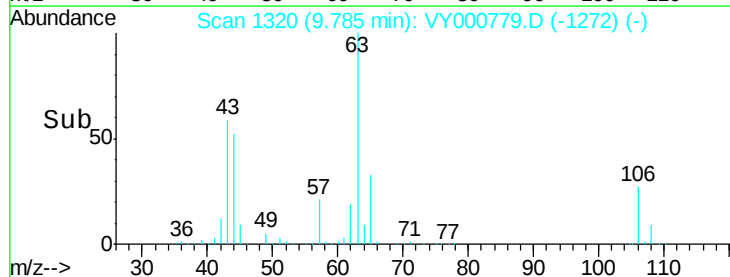
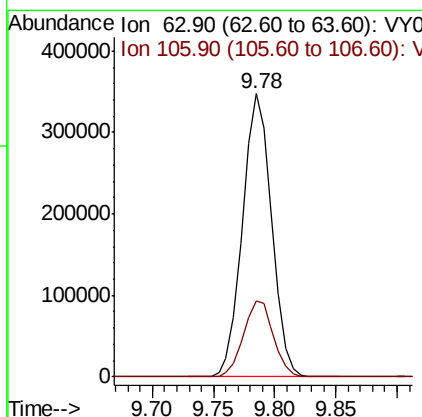
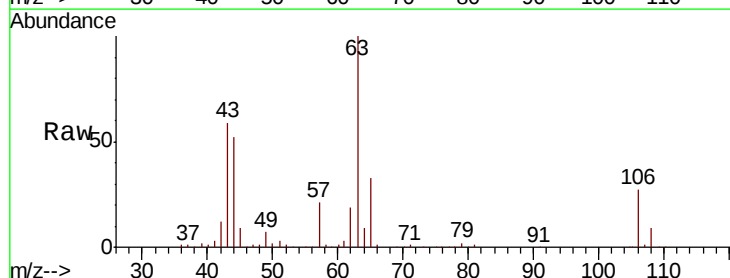
Manual Integrations
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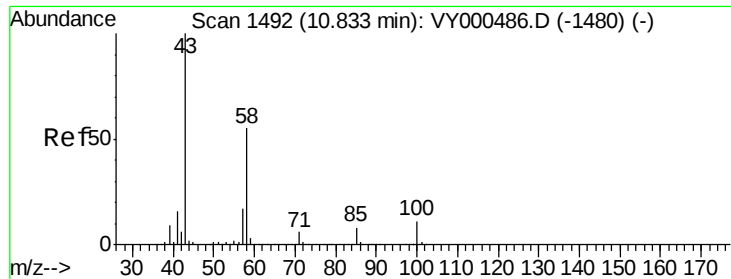
MMDadoda
 11/23/2019 6:11:12 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 284.135 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. -0.01 min
 Lab File: VY000779.D
 Acq: 21 Nov 2019 19:23

Tgt Ion: 63 Resp: 574281
 Ion Ratio Lower Upper
 63 100
 106 27.7 22.6 33.8





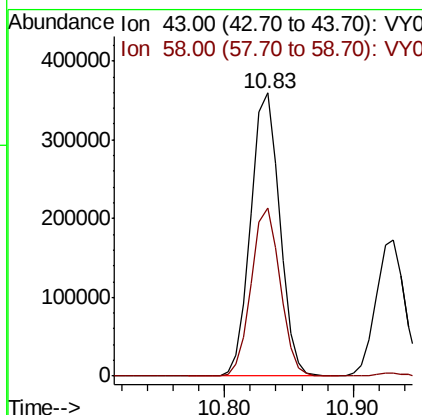
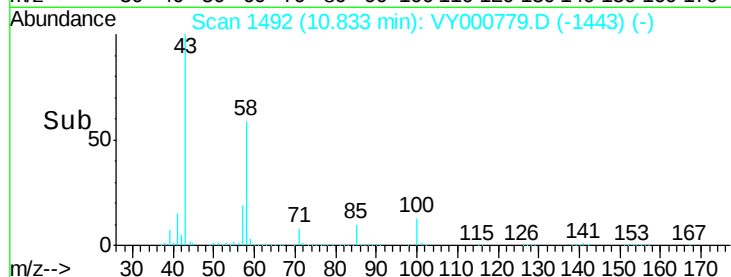
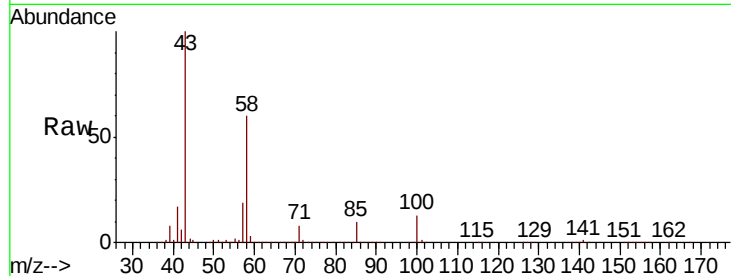
#59
2-Hexanone
Concen: 234.837 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY000779.D
Acq: 21 Nov 2019 19:23

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 557565
Ion Ratio Lower Upper
43 100
58 59.3 27.1 81.3

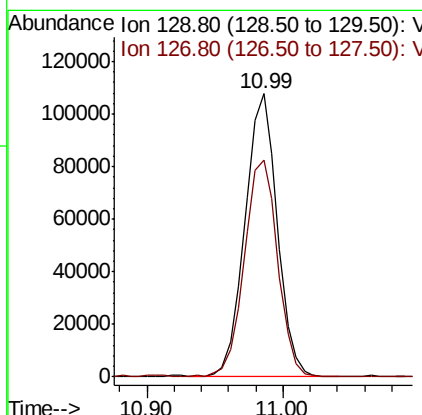
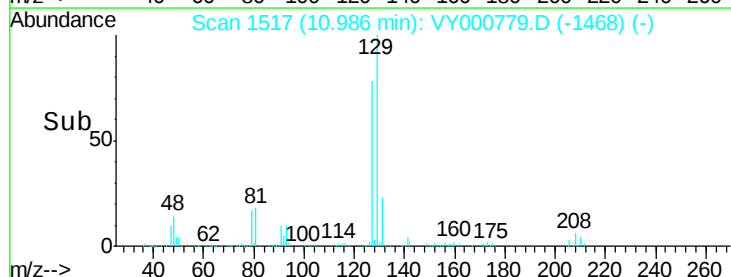
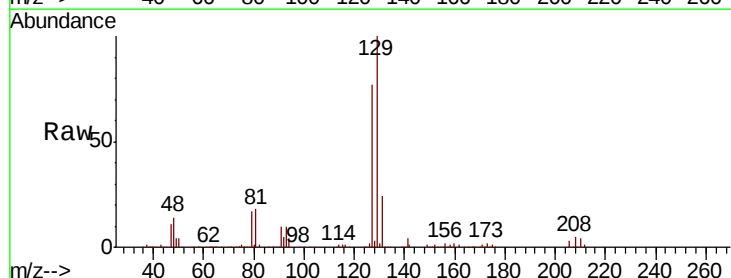
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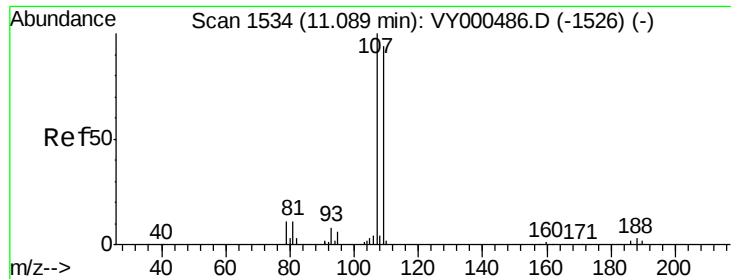
MMDadoda
11/23/2019 6:11:12 AM



#60
Dibromochloromethane
Concen: 49.249 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY000779.D
Acq: 21 Nov 2019 19:23

Tgt Ion: 129 Resp: 177936
Ion Ratio Lower Upper
129 100
127 78.9 39.1 117.2





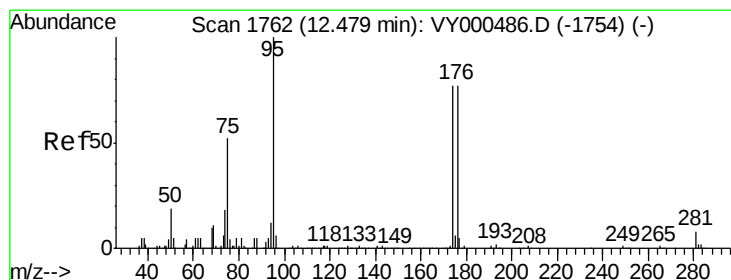
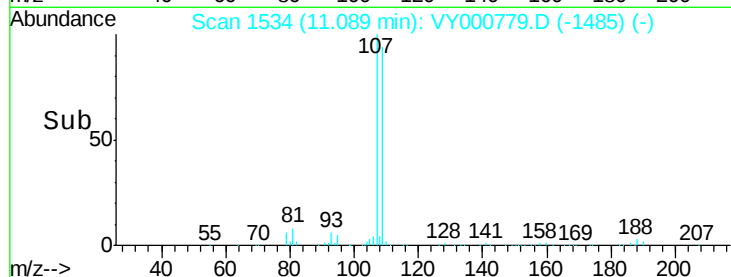
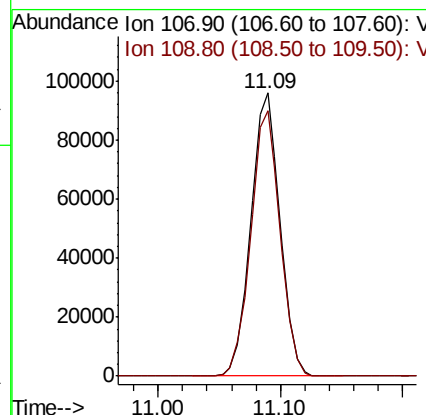
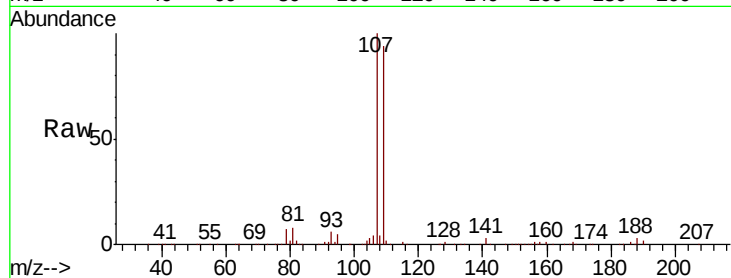
#61
 1,2-Dibromoethane
 Concen: 52.236 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY000779.D
 Acq: 21 Nov 2019 19:23

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.5	73.6	110.4

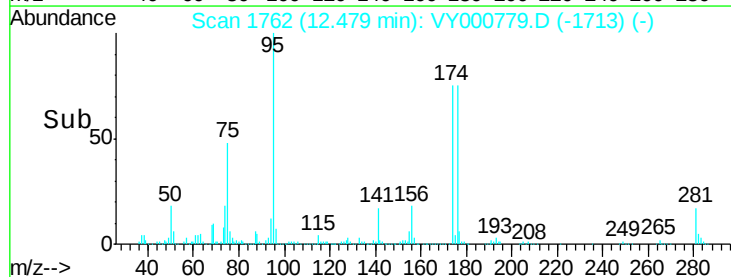
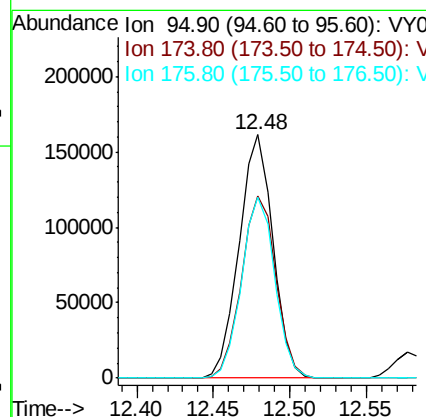
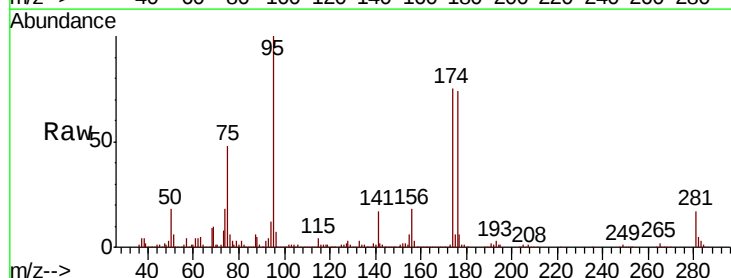
Manual Integrations
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#62
 4-Bromofluorobenzene
 Concen: 50.243 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY000779.D
 Acq: 21 Nov 2019 19:23

Tgt Ion	Ratio	Lower	Upper
95	100		
174	76.2	0.0	161.6
176	73.0	0.0	157.8





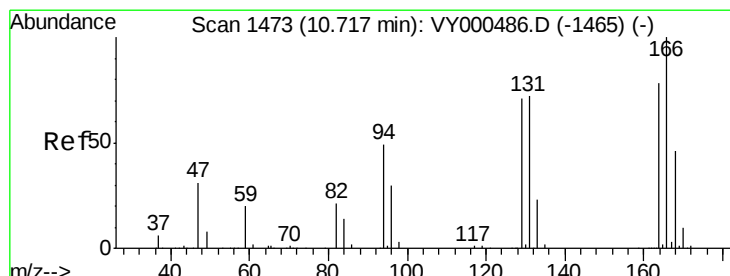
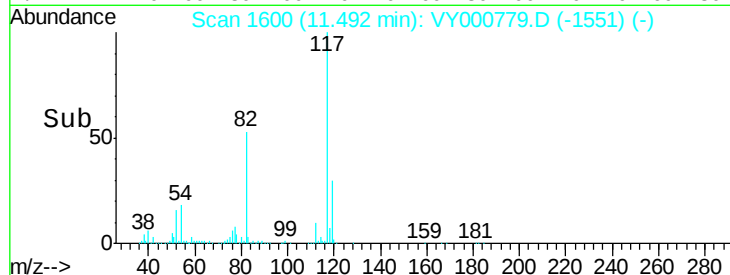
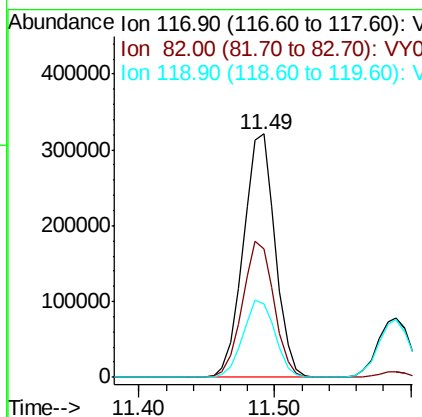
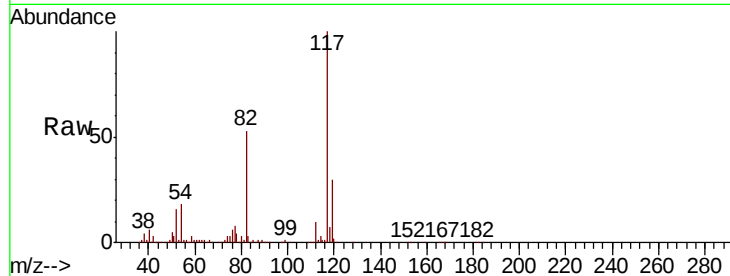
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY000779.D
Acq: 21 Nov 2019 19:23

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.6	40.8	61.2
119	30.4	26.2	39.2

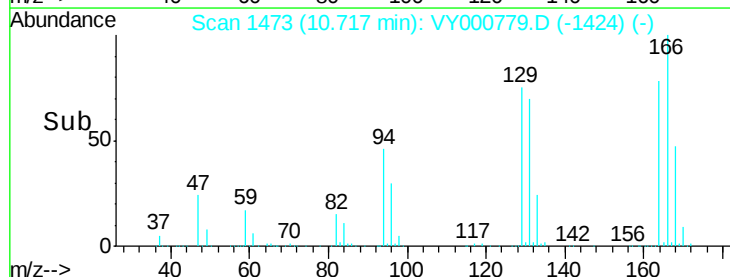
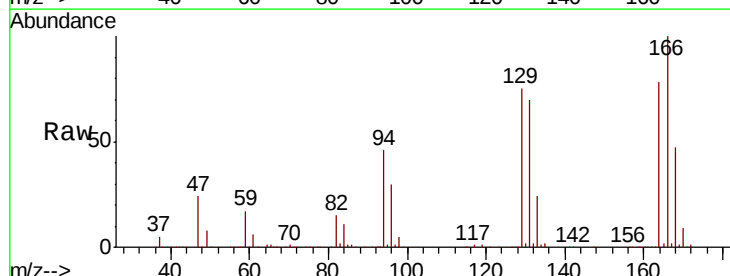
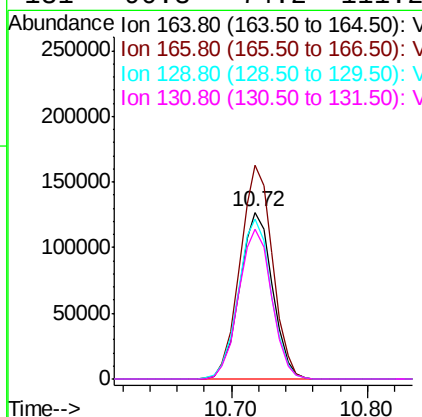
Manual Integrations
APPROVED

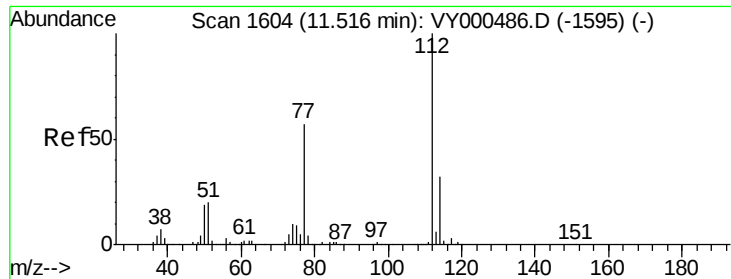
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#64
Tetrachloroethene
Concen: 49.063 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY000779.D
Acq: 21 Nov 2019 19:23

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.3	102.7	154.1
129	96.4	73.2	109.8
131	90.3	74.2	111.2





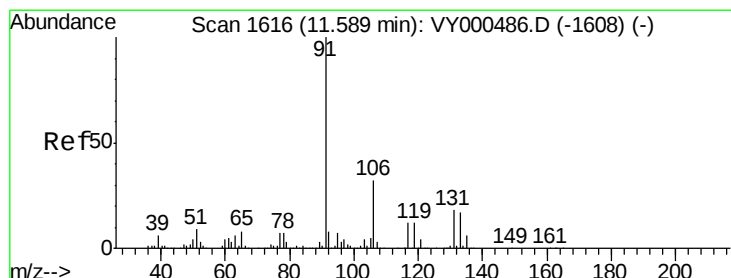
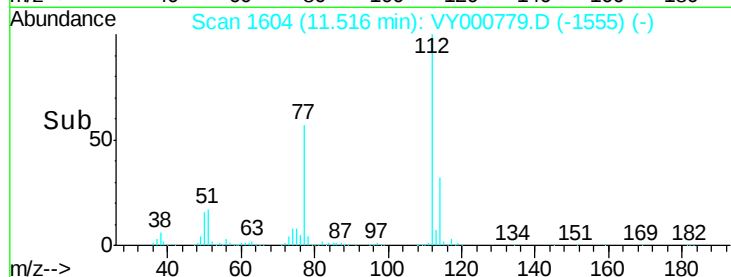
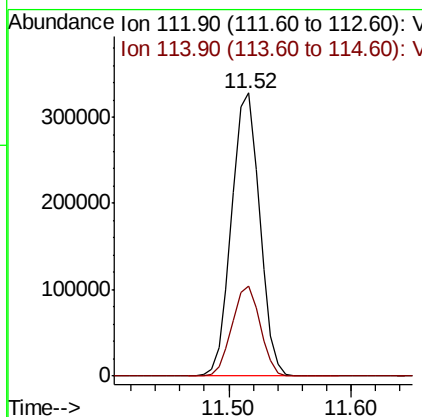
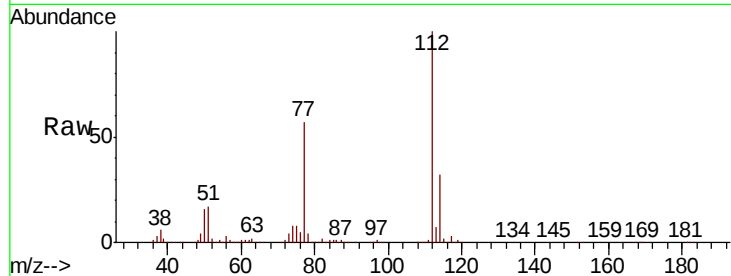
#65
Chlorobenzene
Concen: 48.883 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY000779.D
Acq: 21 Nov 2019 19:23

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.6	25.3	37.9

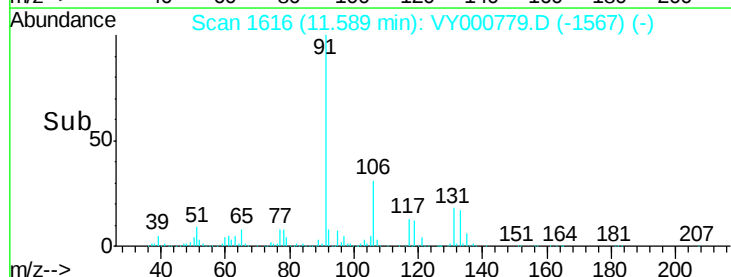
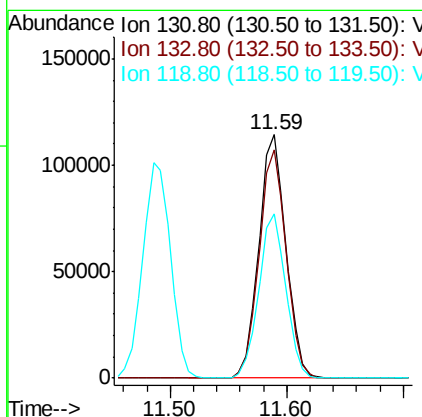
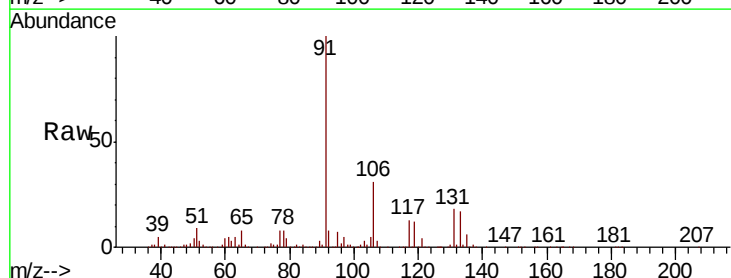
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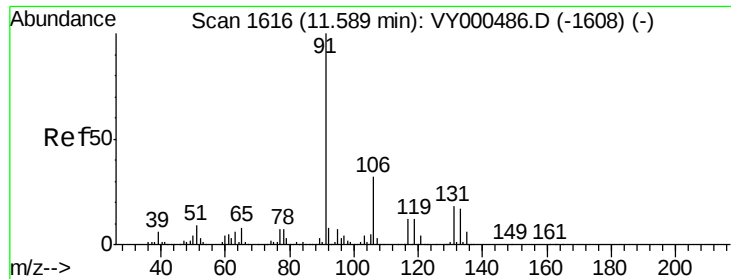
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#66
1,1,1,2-Tetrachloroethane
Concen: 49.834 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY000779.D
Acq: 21 Nov 2019 19:23

Tgt Ion	Ratio	Lower	Upper
131	100		
133	93.7	47.9	143.8
119	67.5	33.1	99.3





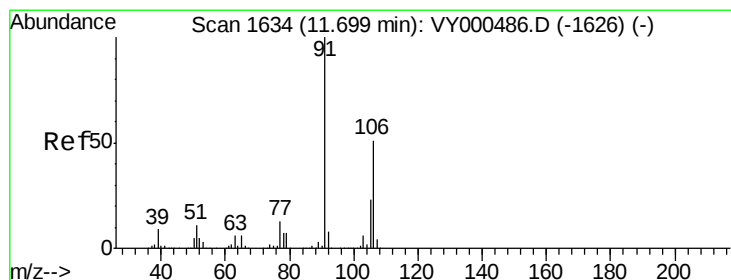
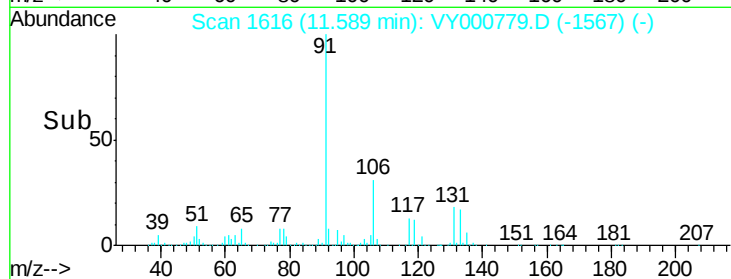
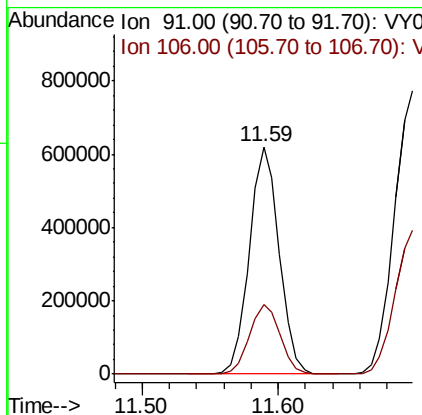
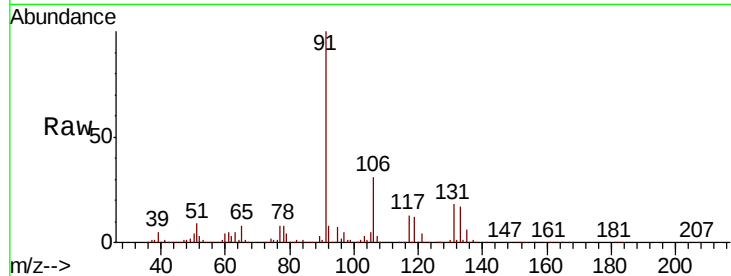
#67
Ethyl Benzene
Concen: 48.611 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY000779.D
Acq: 21 Nov 2019 19:23

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 951035
Ion Ratio Lower Upper
91 100
106 30.7 25.4 38.0

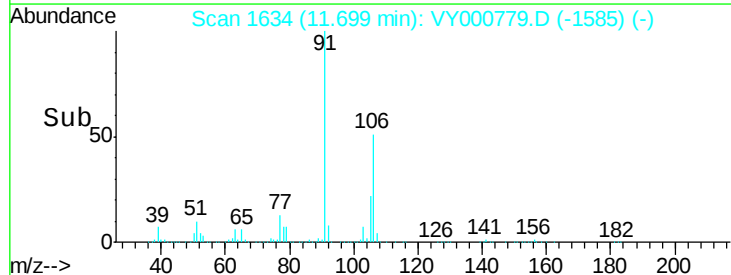
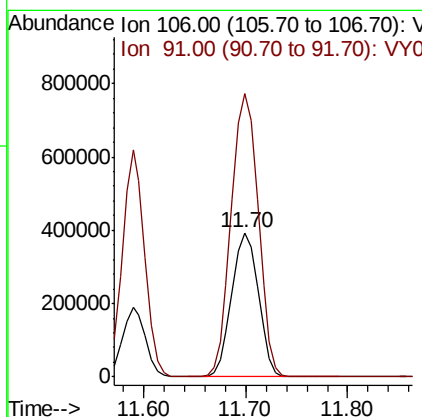
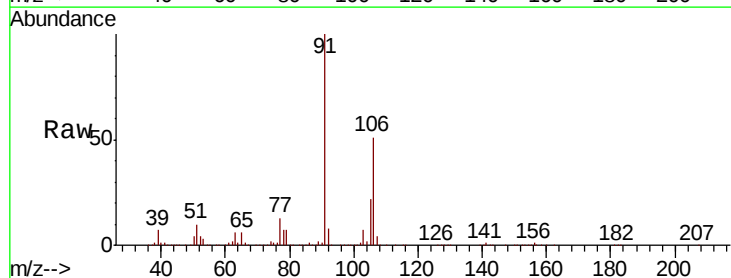
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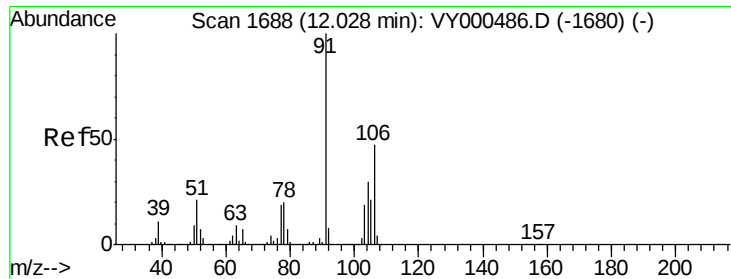
MMDadoda
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#68
m/p-Xylenes
Concen: 94.107 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VY000779.D
Acq: 21 Nov 2019 19:23

Tgt Ion: 106 Resp: 712596
Ion Ratio Lower Upper
106 100
91 199.4 155.9 233.9





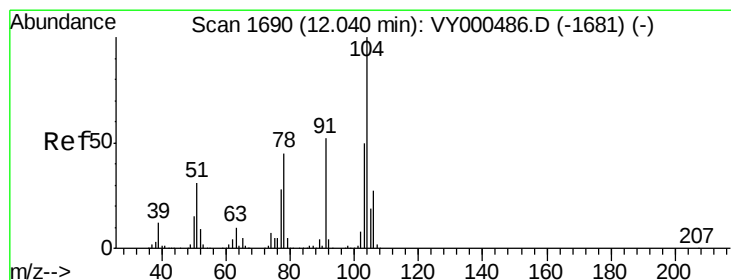
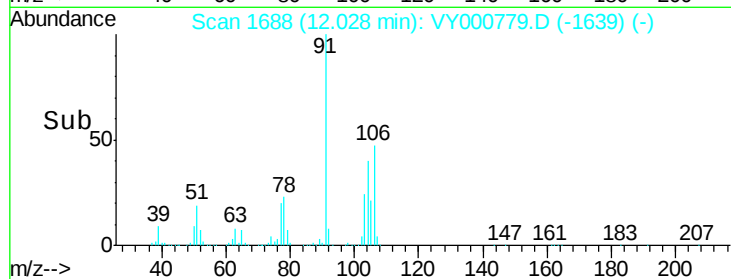
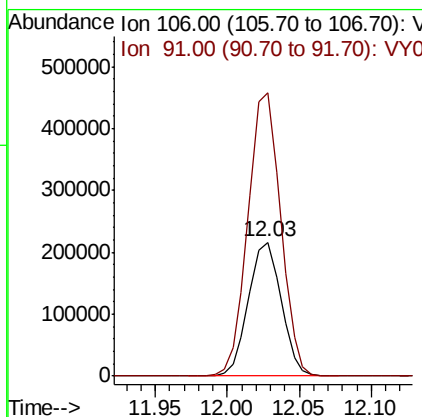
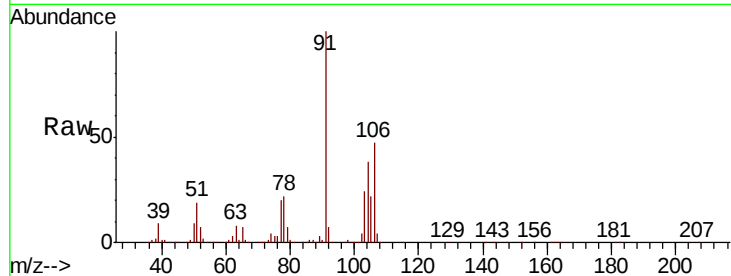
#69
o-Xylene
Concen: 47.862 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY000779.D
Acq: 21 Nov 2019 19:23

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	211.3	106.5	319.6	

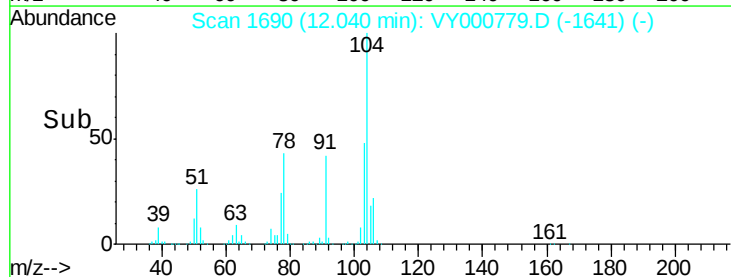
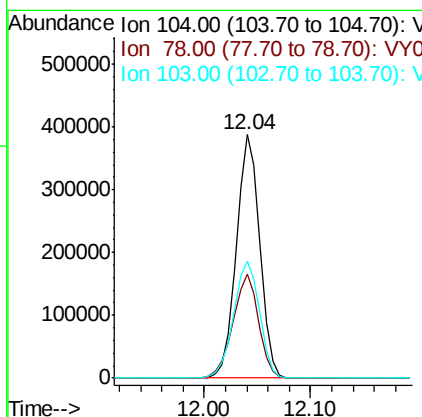
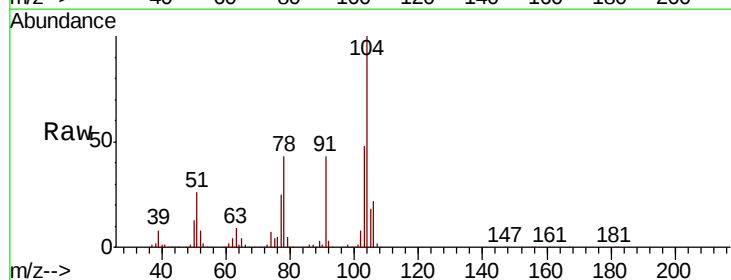
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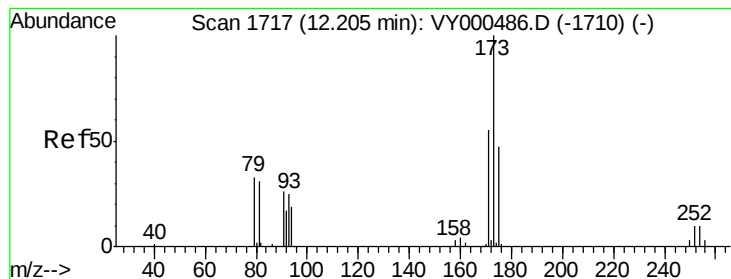
MMDadoda
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#70
Styrene
Concen: 49.090 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY000779.D
Acq: 21 Nov 2019 19:23

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	46.8	39.0	58.4	
103	53.4	42.5	63.7	





#71

Bromoform

Concen: 50.555 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VY000779.D

Acq: 21 Nov 2019 19:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 107203

Ion Ratio Lower Upper

173 100

175 47.4 24.4 73.2

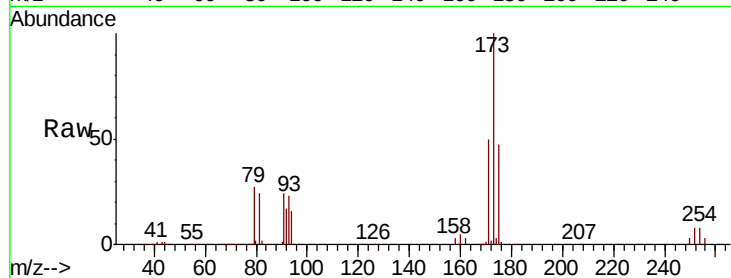
254 0.2 0.1 0.1#

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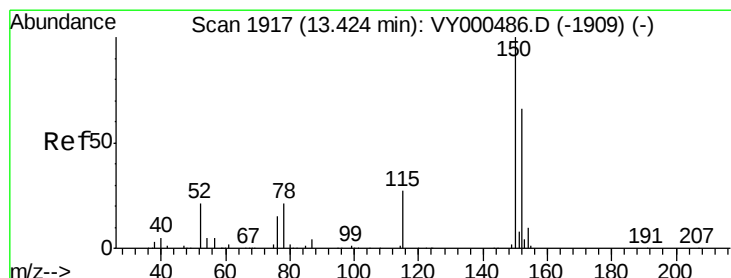
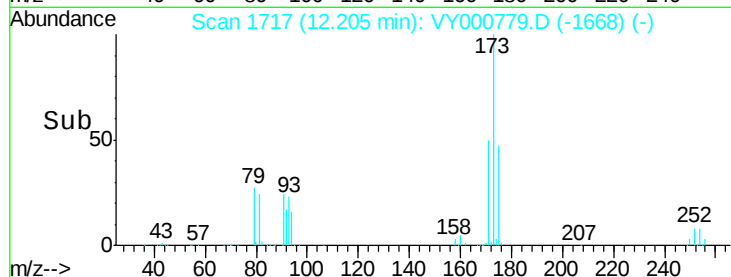
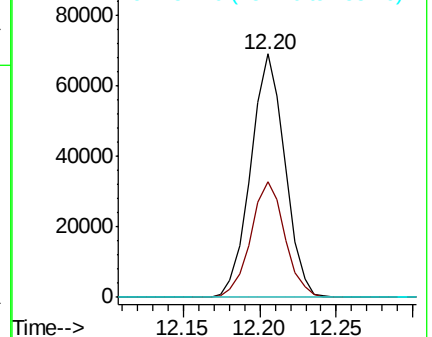
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. 0.00 min

Lab File: VY000779.D

Acq: 21 Nov 2019 19:23

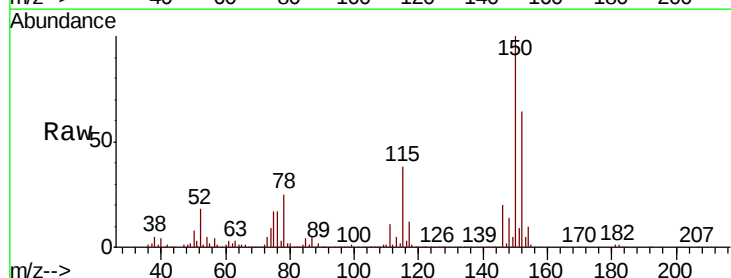
Tgt Ion:152 Resp: 240398

Ion Ratio Lower Upper

152 100

115 61.4 29.1 87.4

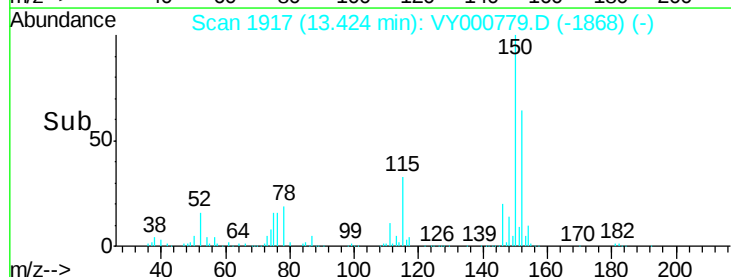
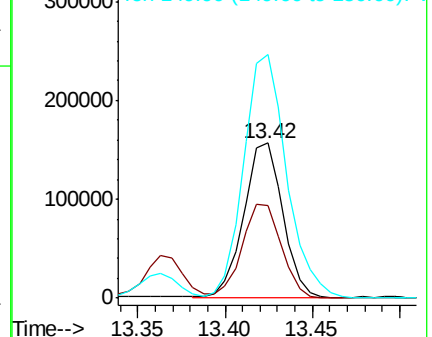
150 175.2 0.0 348.8

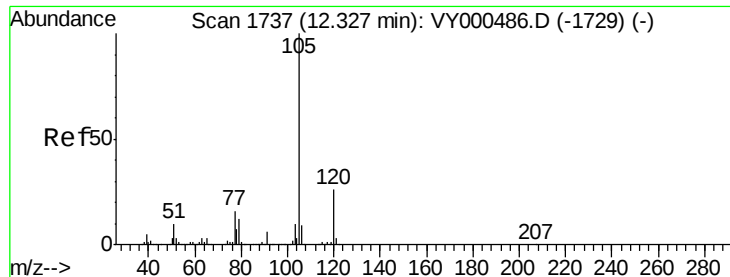


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 51.057 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY000779.D

Acq: 21 Nov 2019 19:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 907144

Ion Ratio Lower Upper

105 100

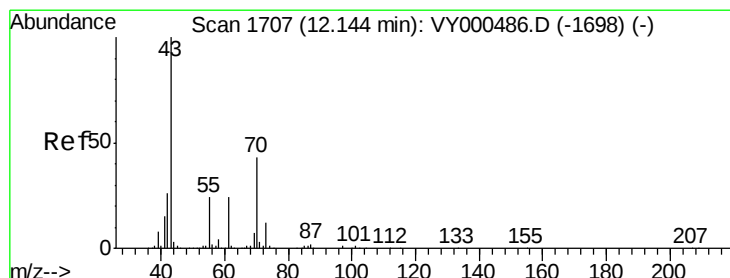
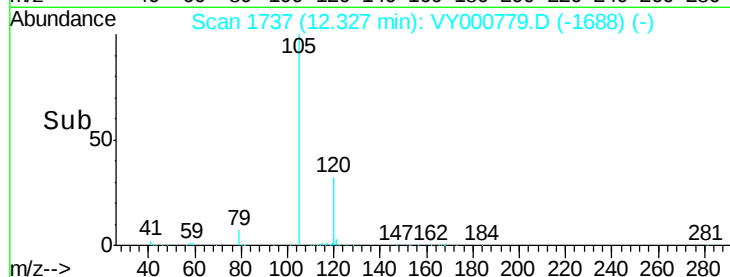
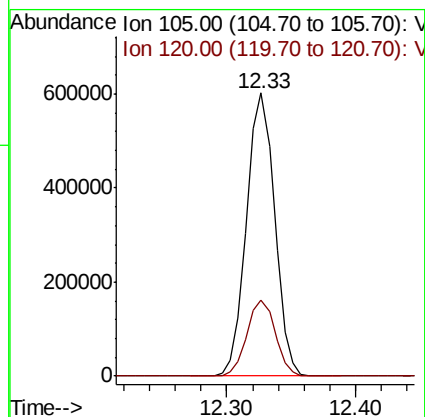
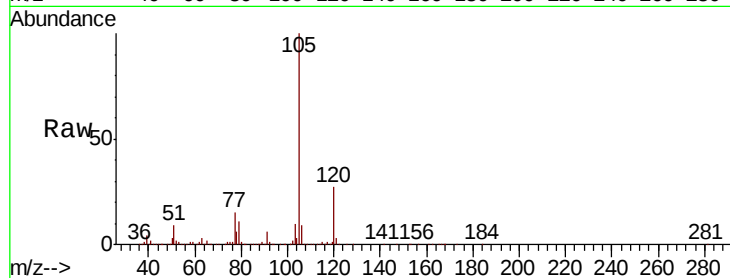
120 26.8 13.5 40.4

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#74

N-ethyl acetate

Concen: 50.956 ug/l

RT: 12.14 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VY000779.D

Acq: 21 Nov 2019 19:23

Tgt Ion: 43 Resp: 259289

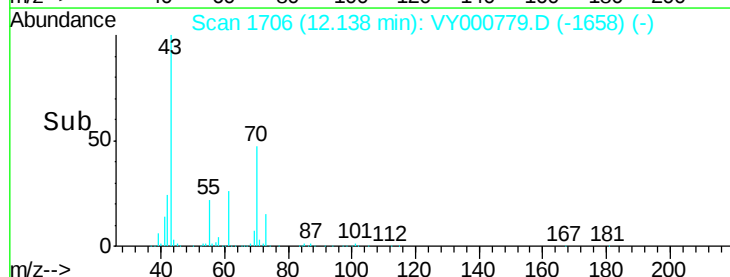
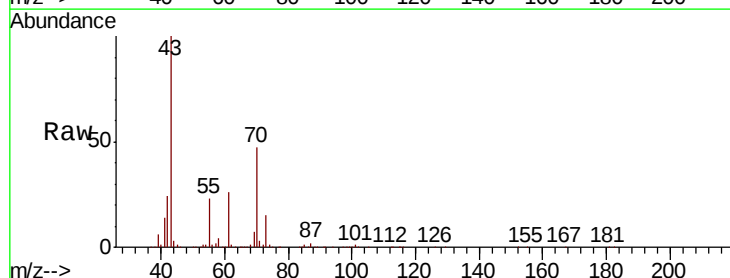
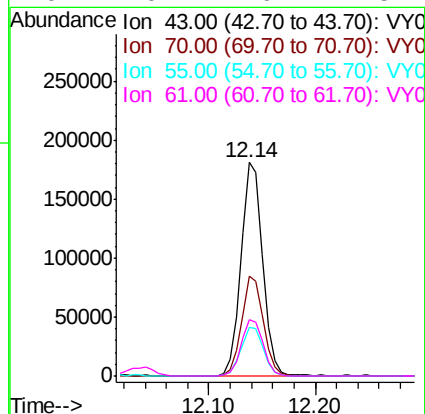
Ion Ratio Lower Upper

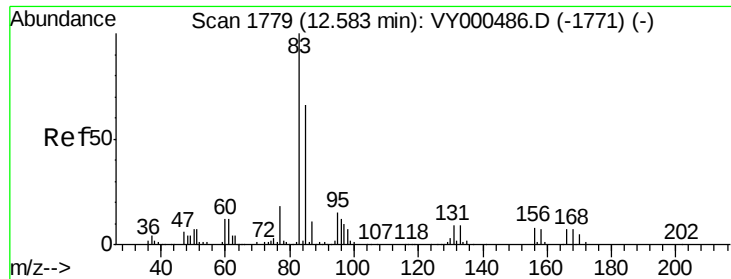
43 100

70 46.7 33.1 49.7

55 23.8 18.0 27.0

61 26.7 19.1 28.7





#75

1,1,2,2-Tetrachloroethane

Concen: 54.104 ug/l

RT: 12.58 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VY000779.D

Acq: 21 Nov 2019 19:23

Instrument :

MSVOA_Y

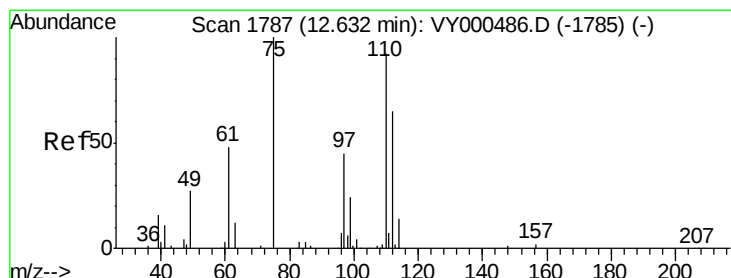
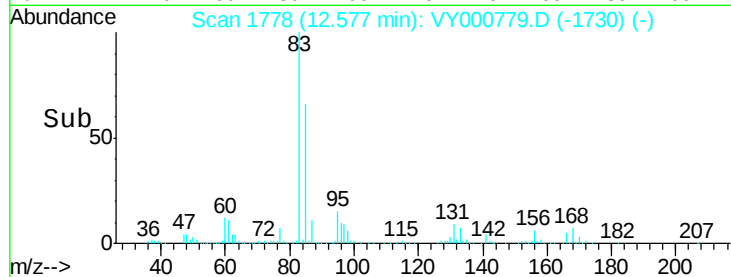
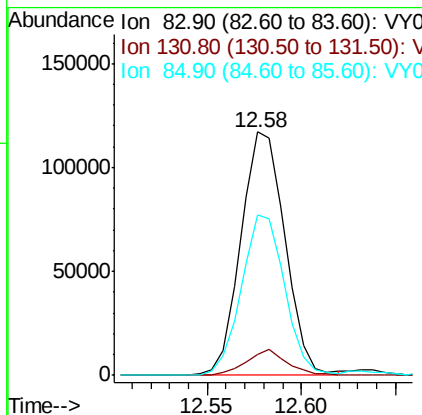
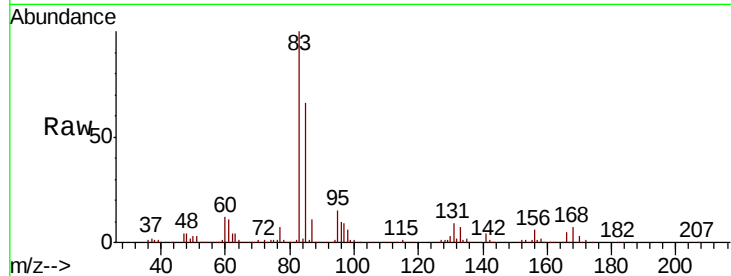
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	190336
Ion Ratio	Lower	Upper	
83	100		
131	9.8	5.0	14.9
85	64.3	32.3	96.9

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 58.910 ug/l m

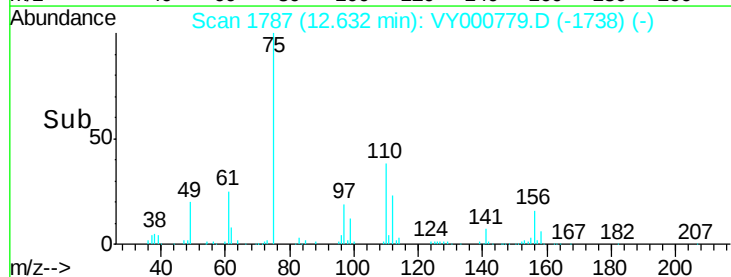
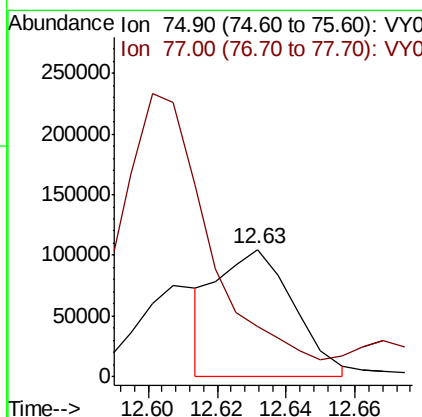
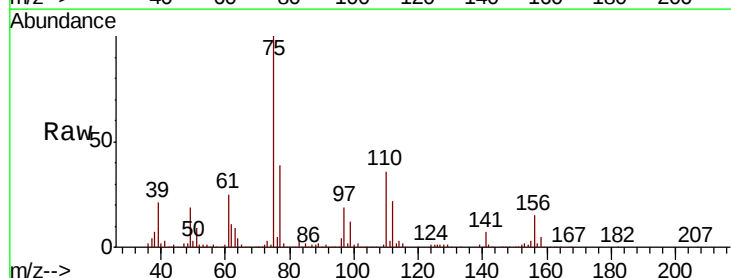
RT: 12.63 min Scan# 1787

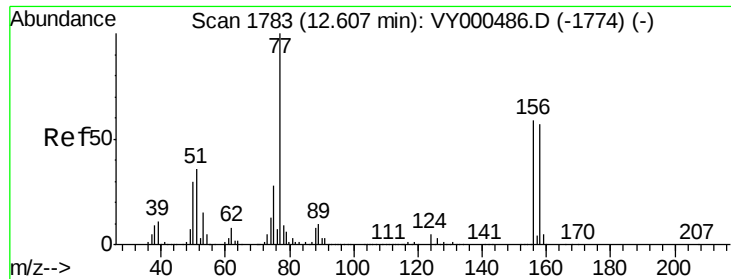
Delta R.T. 0.00 min

Lab File: VY000779.D

Acq: 21 Nov 2019 19:23

Tgt Ion:	75	Resp:	161253
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 58.440 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY000779.D

Acq: 21 Nov 2019 19:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion:156 Resp: 235458

Ion Ratio Lower Upper

156 100

77 177.6 98.2 294.4

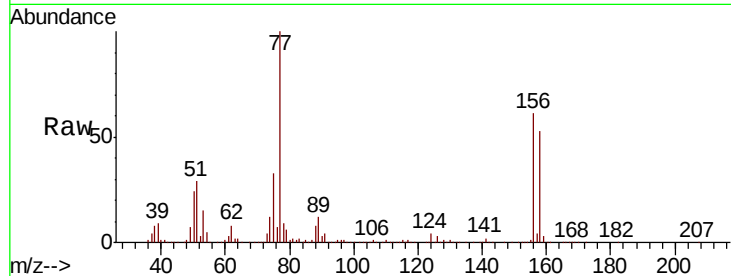
158 82.5 49.6 149.0

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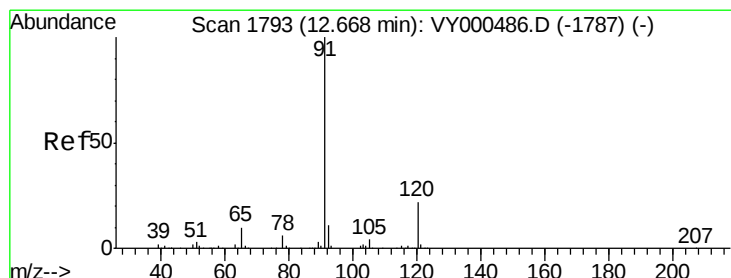
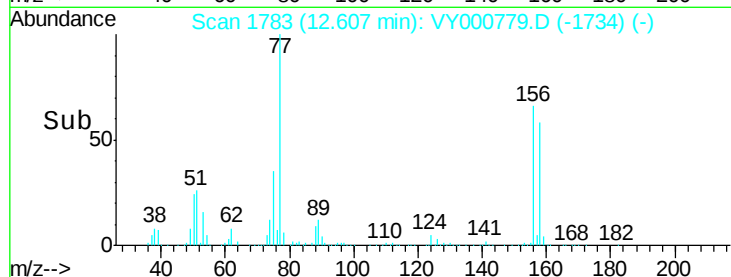
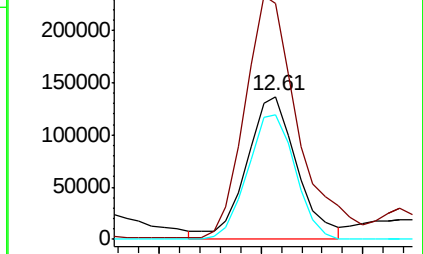
11/23/2019 6:11:12 AM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 51.196 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VY000779.D

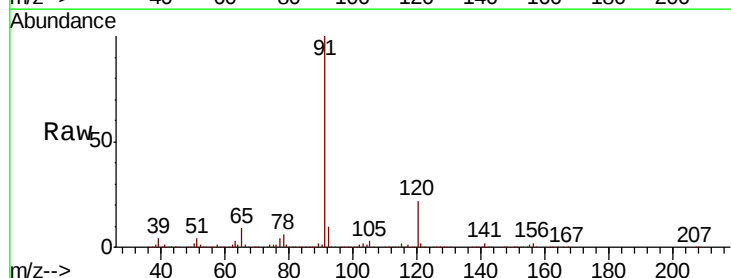
Acq: 21 Nov 2019 19:23

Tgt Ion: 91 Resp: 1097517

Ion Ratio Lower Upper

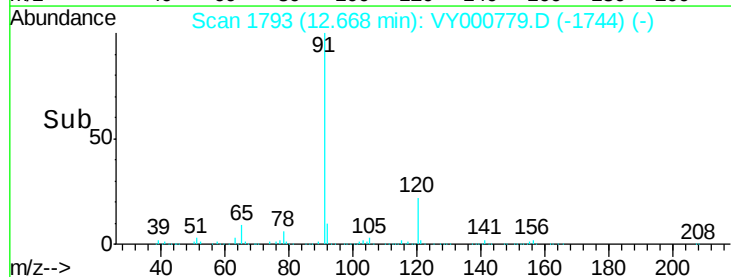
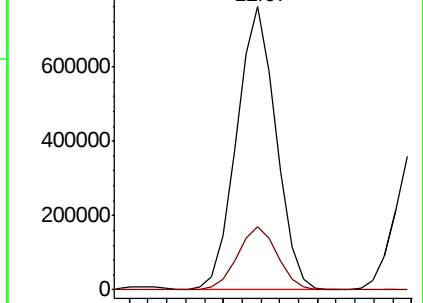
91 100

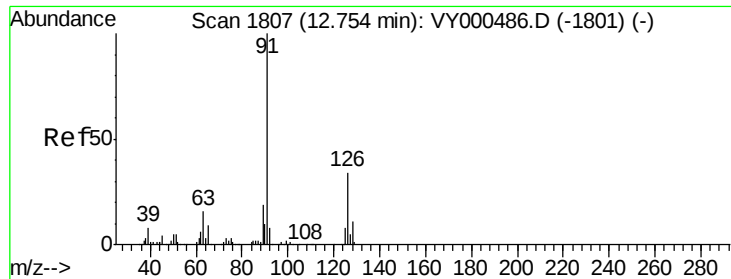
120 22.5 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 52.023 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VY000779.D

Acq: 21 Nov 2019 19:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 619145

Ion Ratio Lower Upper

91 100

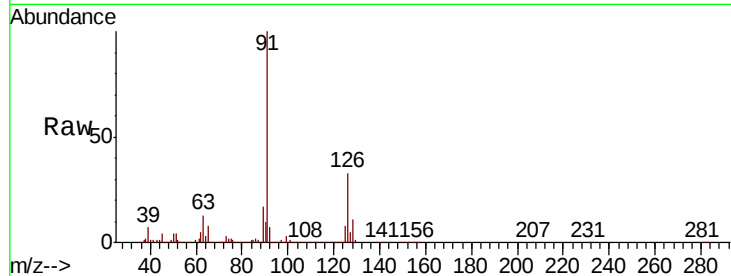
126 32.5 17.7 53.1

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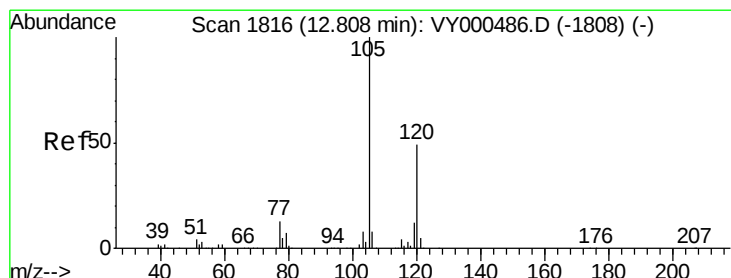
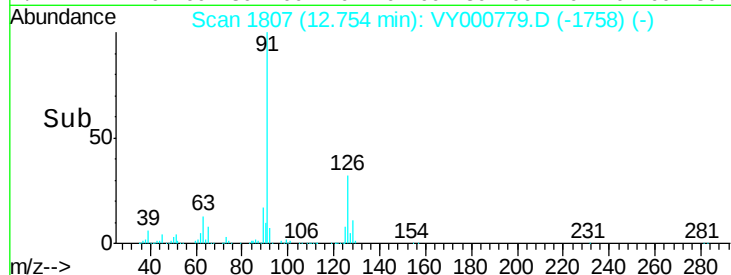
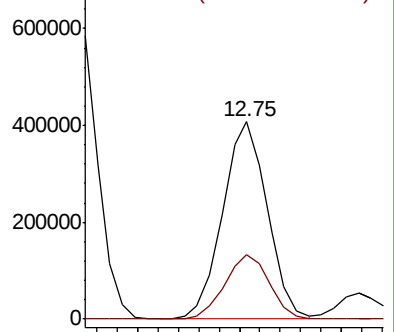
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Abundance Ion 91.00 (90.70 to 91.70): VY000486.D (-1801) (-)



#80

1,3,5-Trimethylbenzene

Concen: 50.800 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. 0.00 min

Lab File: VY000779.D

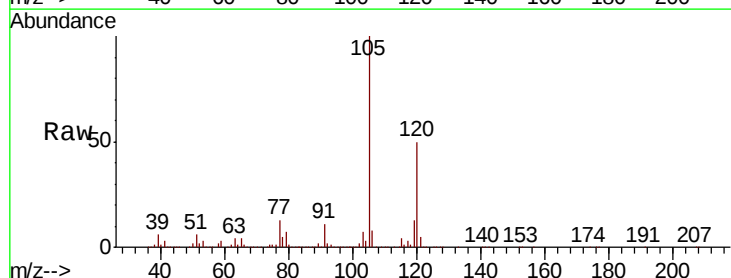
Acq: 21 Nov 2019 19:23

Tgt Ion: 105 Resp: 751712

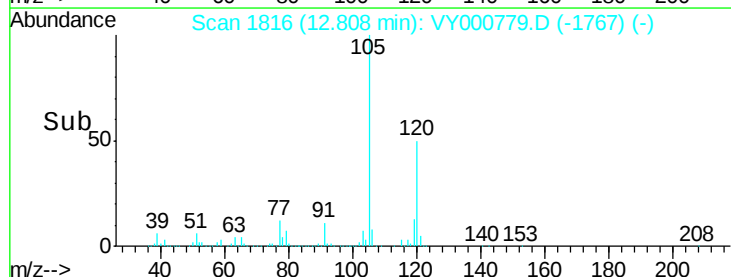
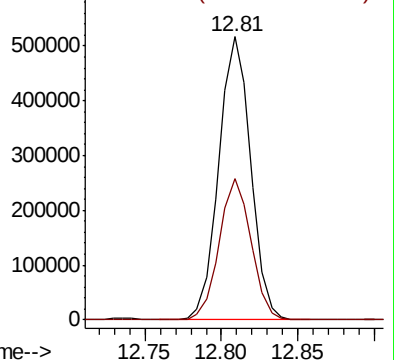
Ion Ratio Lower Upper

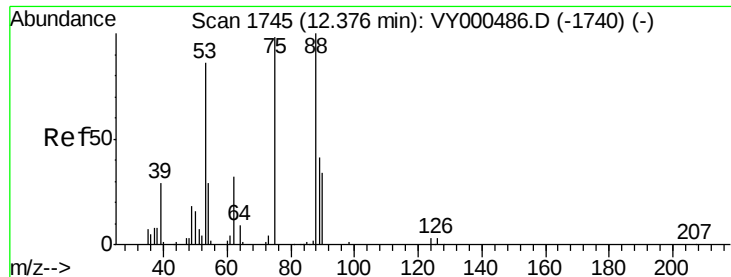
105 100

120 49.8 24.9 74.8



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





#81

trans-1,4-Dichloro-2-butene

Concen: 57.341 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VY000779.D

Acq: 21 Nov 2019 19:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 70003

Ion Ratio Lower Upper

75 100

53 80.8 73.2 109.8

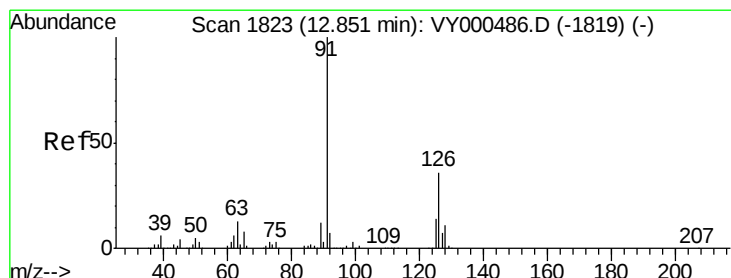
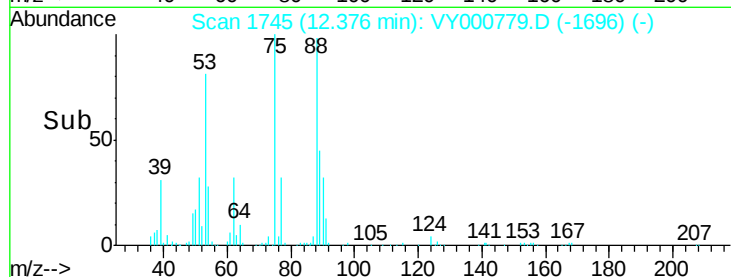
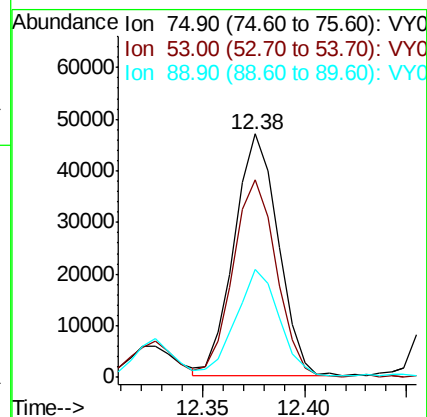
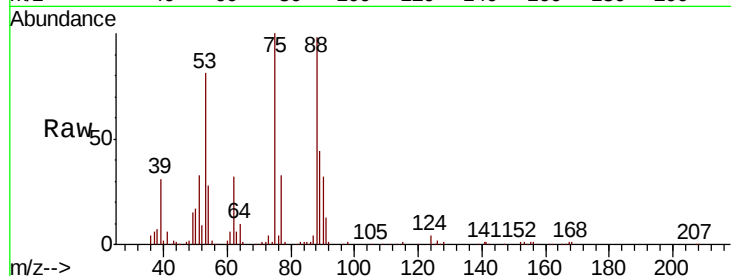
89 43.4 35.9 53.9

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#82

4-Chlorotoluene

Concen: 52.428 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. 0.00 min

Lab File: VY000779.D

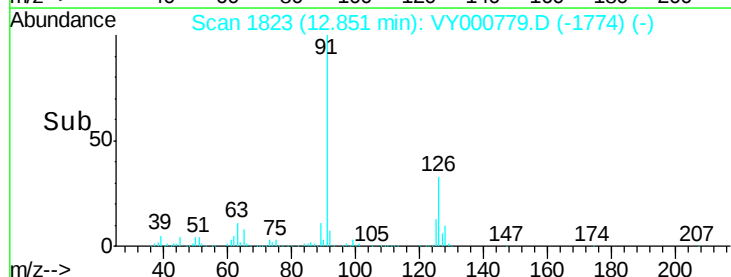
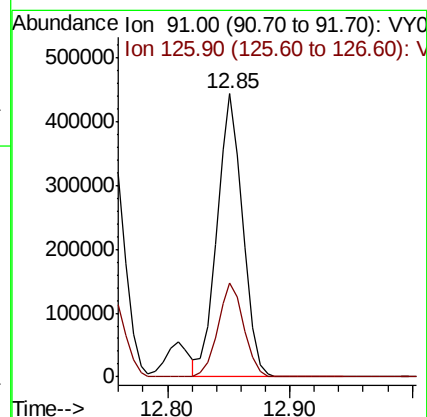
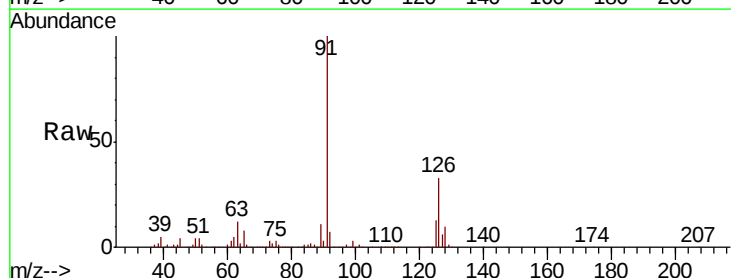
Acq: 21 Nov 2019 19:23

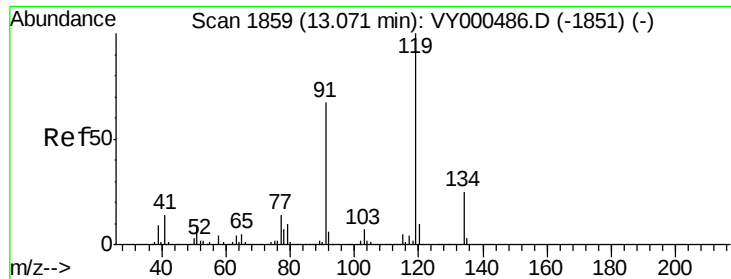
Tgt Ion: 91 Resp: 646783

Ion Ratio Lower Upper

91 100

126 33.5 17.6 52.9





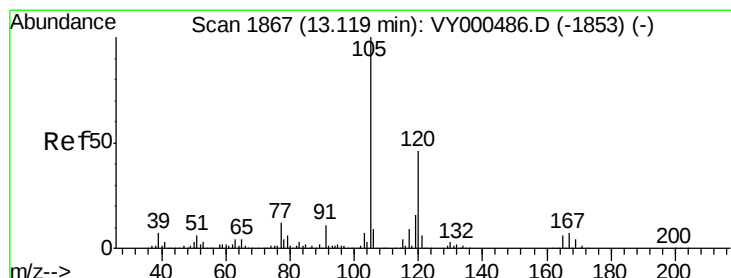
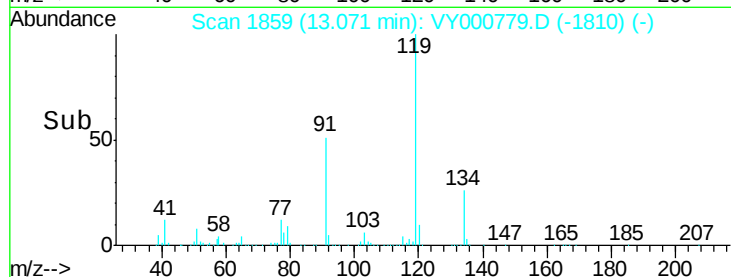
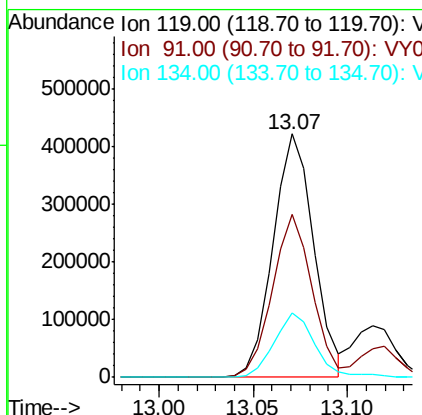
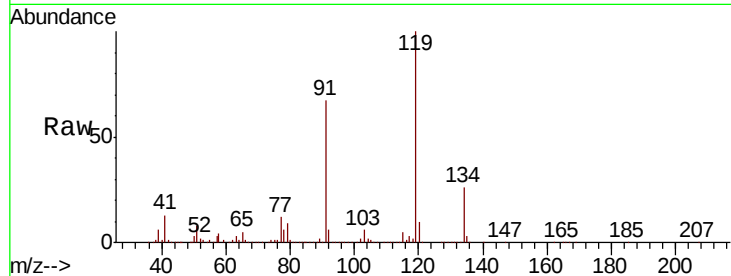
#83
tert-Butylbenzene
Concen: 49.800 ug/l
RT: 13.07 min Scan# 1859
Delta R.T. 0.00 min
Lab File: VY000779.D
Acq: 21 Nov 2019 19:23

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	65.1	32.1	96.3
134	26.7	13.2	39.5

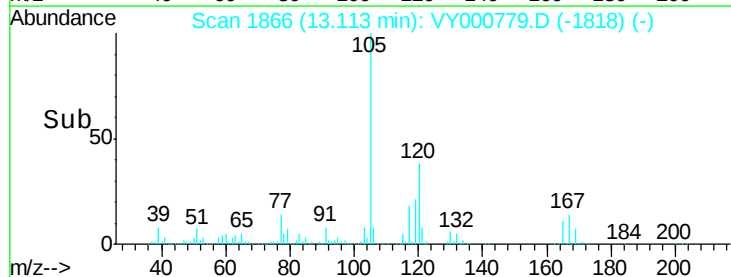
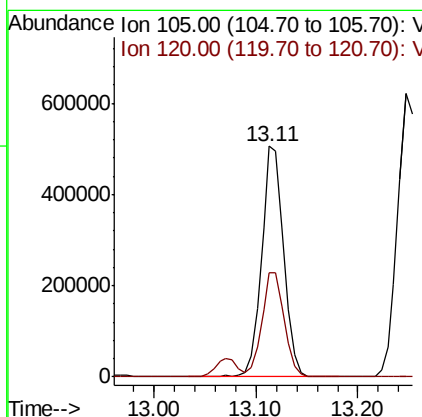
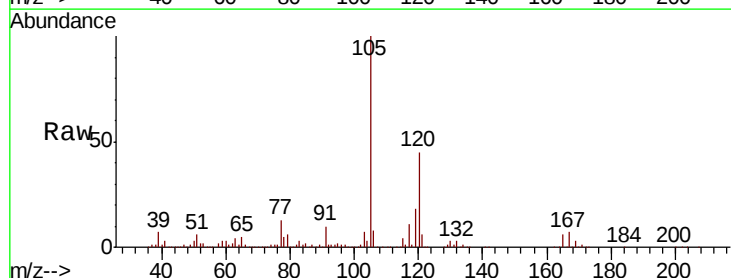
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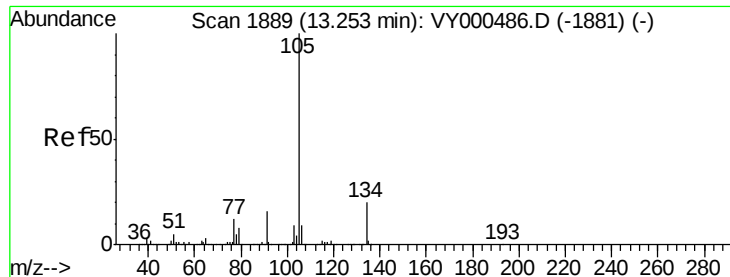
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#84
1,2,4-Trimethylbenzene
Concen: 51.581 ug/l
RT: 13.11 min Scan# 1866
Delta R.T. -0.01 min
Lab File: VY000779.D
Acq: 21 Nov 2019 19:23

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.8	23.3	69.9





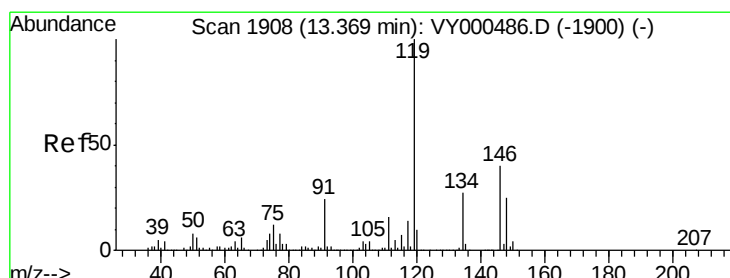
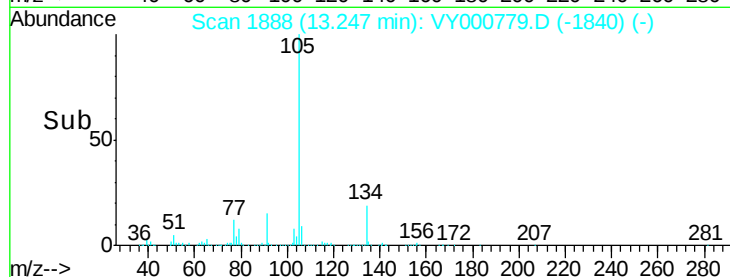
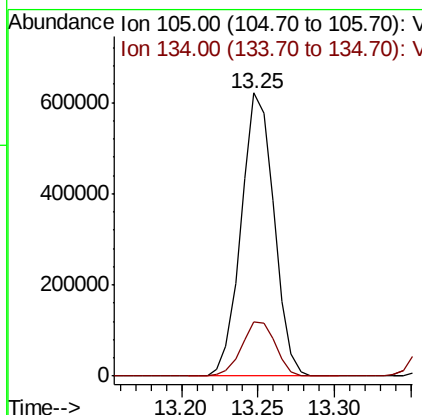
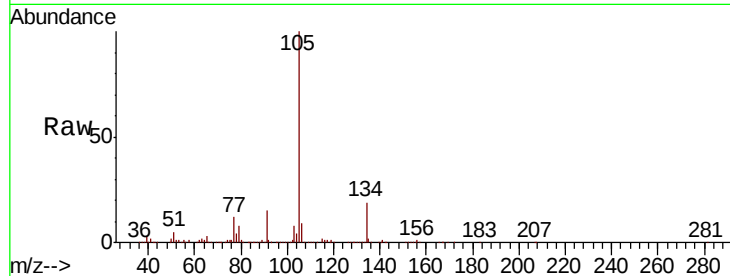
#85
 sec-Butylbenzene
 Concen: 51.387 ug/l
 RT: 13.25 min Scan# 1888
 Delta R.T. -0.01 min
 Lab File: VY000779.D
 Acq: 21 Nov 2019 19:23

Instrument :
 MSVOA_Y
 ClientSampleID :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.8	10.1	30.1

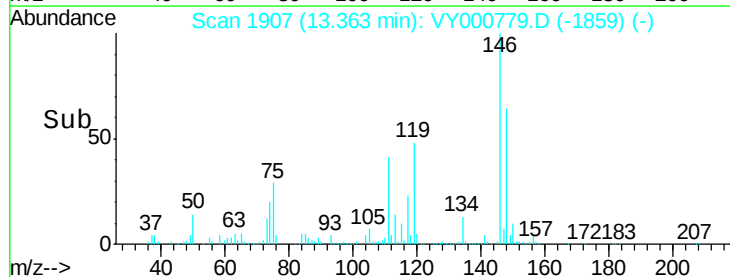
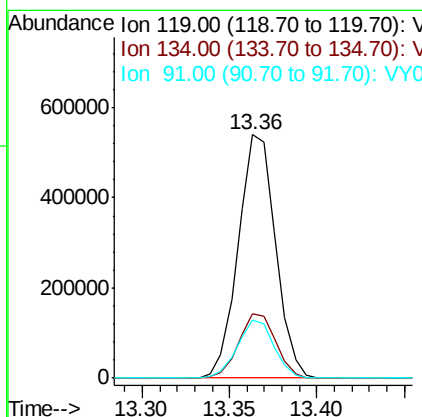
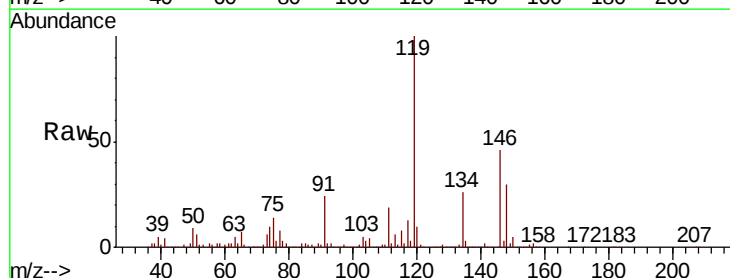
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#86
 p-Isopropyltoluene
 Concen: 49.760 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.01 min
 Lab File: VY000779.D
 Acq: 21 Nov 2019 19:23

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.5	13.6	40.8
91	23.3	12.0	36.1





#87

1,3-Dichlorobenzene

Concen: 48.703 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. 0.00 min

Lab File: VY000779.D

Acq: 21 Nov 2019 19:23

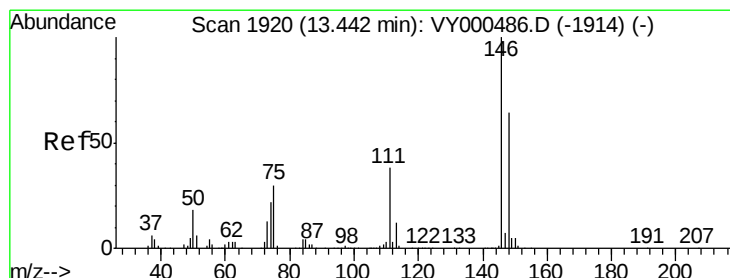
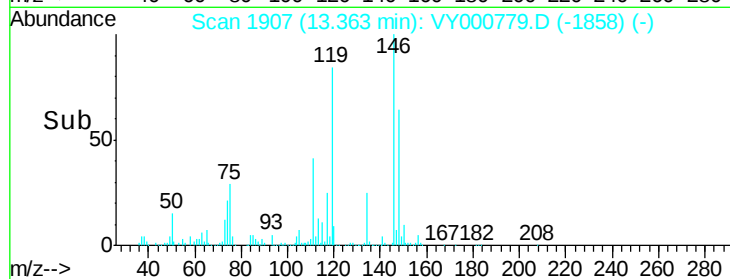
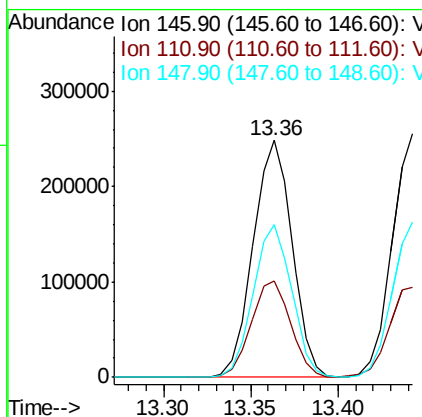
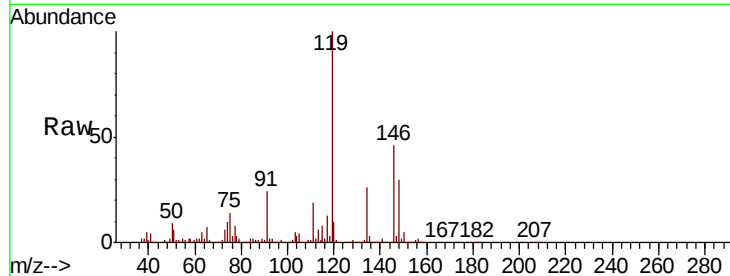
Instrument :
MSVOA_Y

ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.1	20.3	60.8
148	63.6	31.5	94.5

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#88

1,4-Dichlorobenzene

Concen: 49.365 ug/l

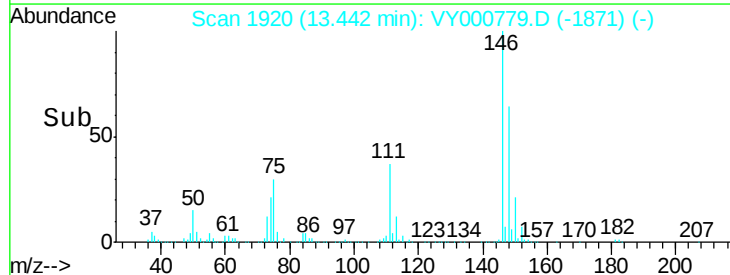
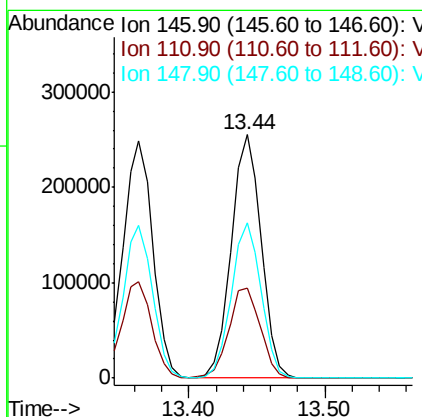
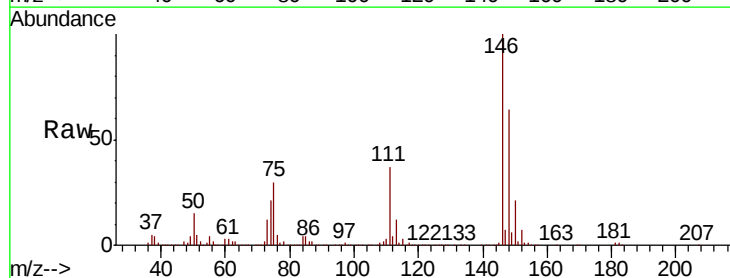
RT: 13.44 min Scan# 1920

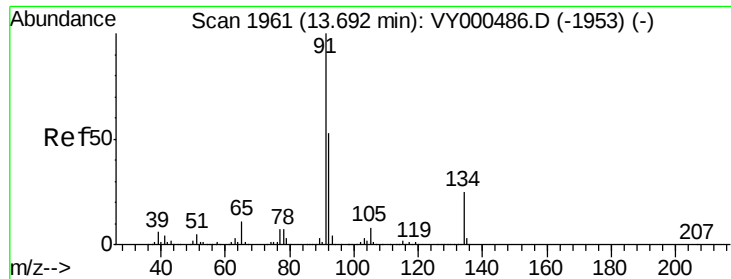
Delta R.T. 0.00 min

Lab File: VY000779.D

Acq: 21 Nov 2019 19:23

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.3	19.7	59.0
148	63.6	31.9	95.7





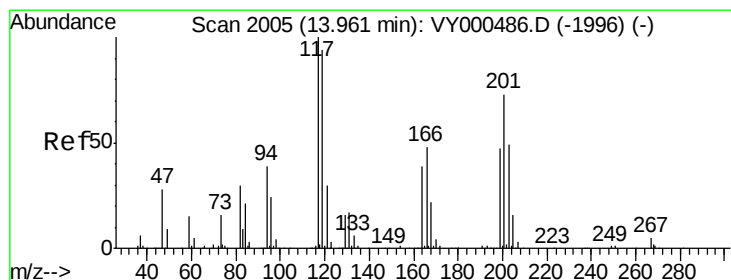
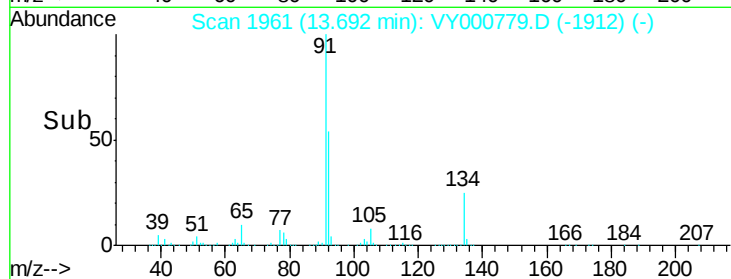
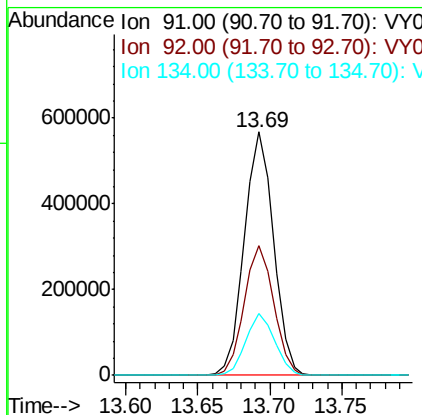
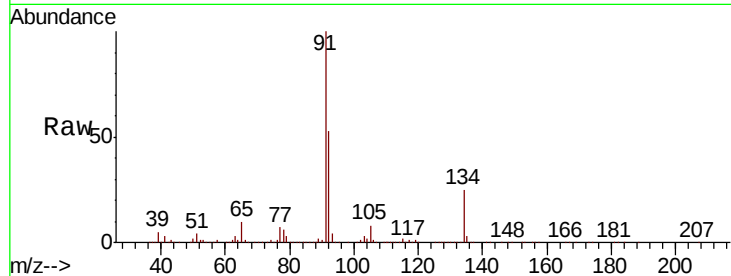
#89
n-Butylbenzene
Concen: 50.204 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. 0.00 min
Lab File: VY000779.D
Acq: 21 Nov 2019 19:23

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.1	26.8	80.3
134	25.1	12.9	38.7

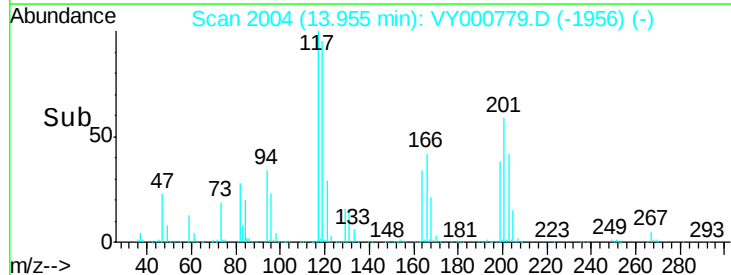
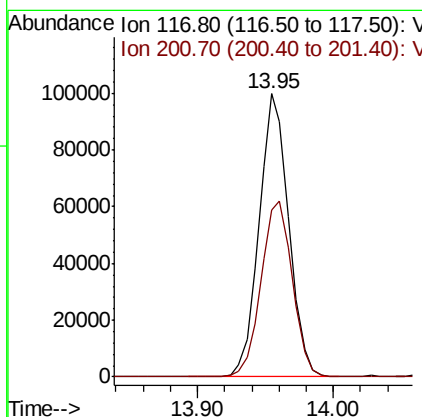
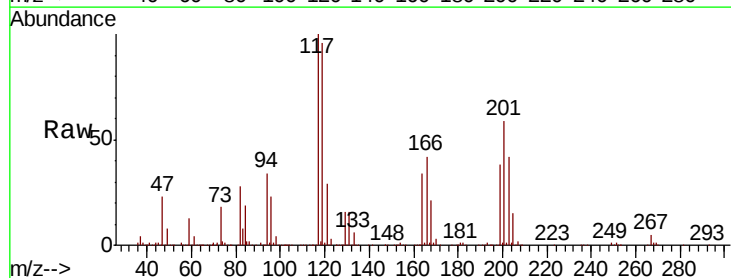
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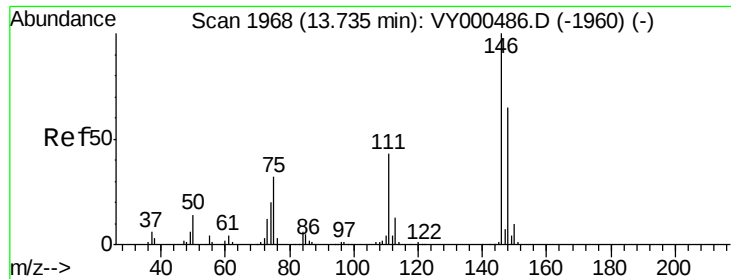
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#90
Hexachloroethane
Concen: 51.533 ug/l
RT: 13.95 min Scan# 2004
Delta R.T. -0.01 min
Lab File: VY000779.D
Acq: 21 Nov 2019 19:23

Tgt Ion	Ratio	Lower	Upper
117	100		
201	65.5	35.8	107.3





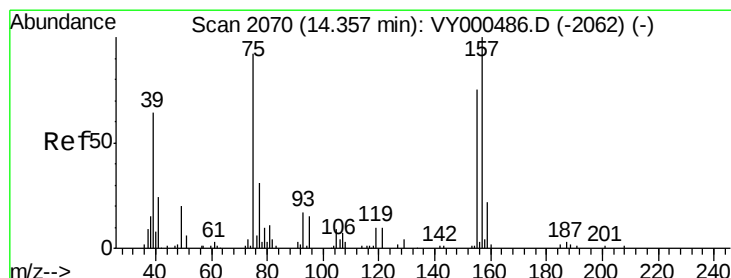
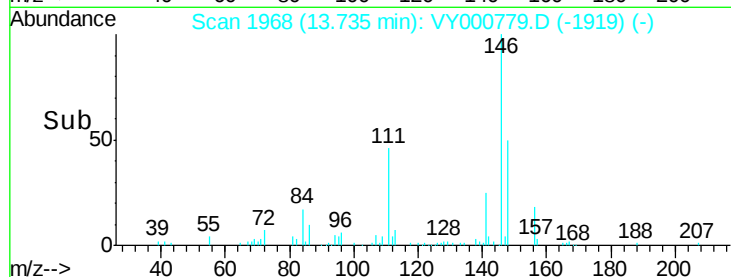
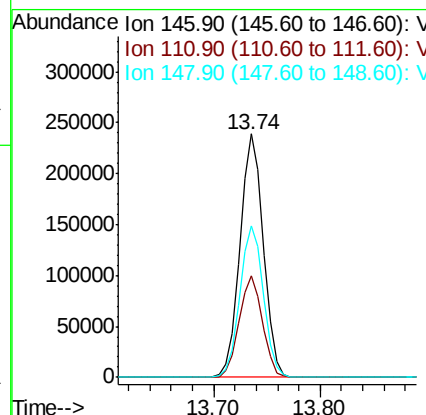
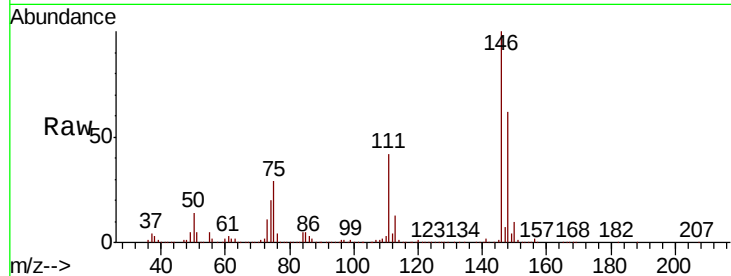
#91
 1,2-Dichlorobenzene
 Concen: 51.292 ug/l
 RT: 13.74 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VY000779.D
 Acq: 21 Nov 2019 19:23

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.6	20.5	61.5
148	62.6	31.7	95.1

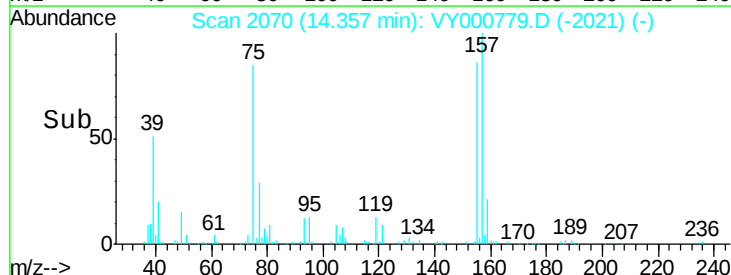
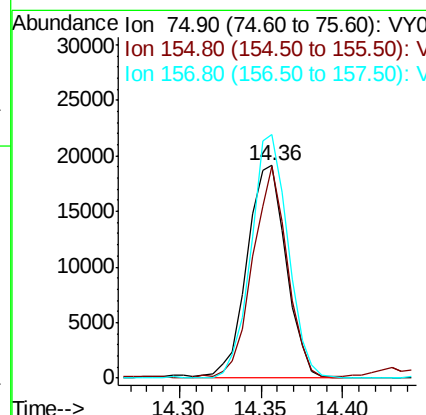
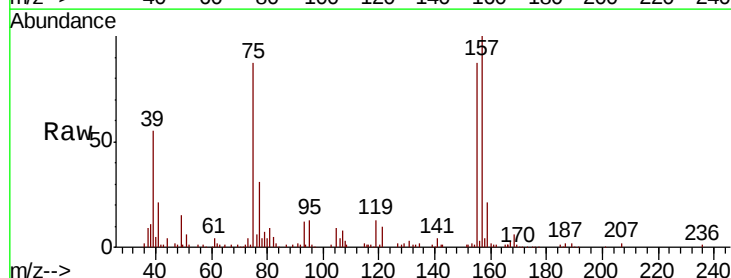
Manual Integrations
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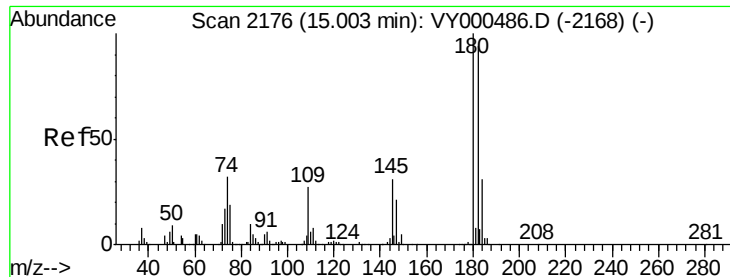
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 11/23/2019 6:11:12 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.372 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. 0.00 min
 Lab File: VY000779.D
 Acq: 21 Nov 2019 19:23

Tgt Ion	Ratio	Lower	Upper
75	100		
155	88.8	42.4	127.1
157	108.3	55.1	165.3





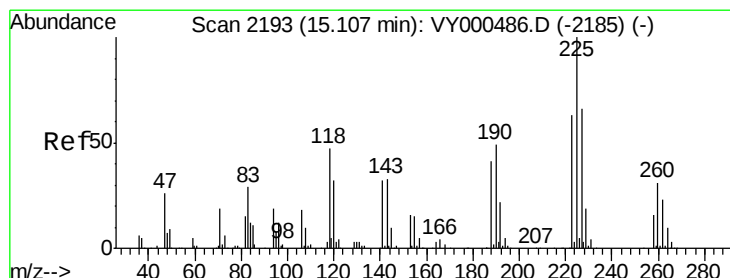
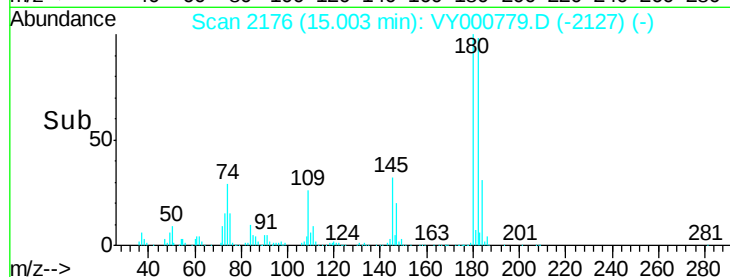
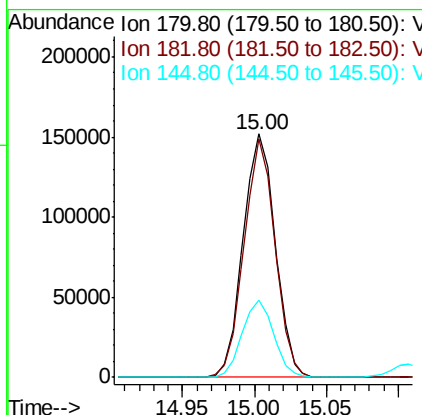
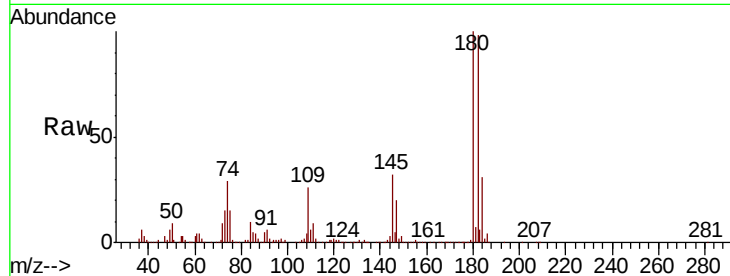
#93
 1,2,4-Trichlorobenzene
 Concen: 48.080 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VY000779.D
 Acq: 21 Nov 2019 19:23

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	234407		
182	94.7	47.8	143.4	
145	31.2	16.0	47.9	

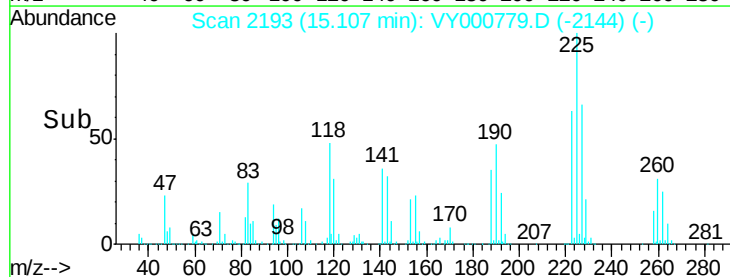
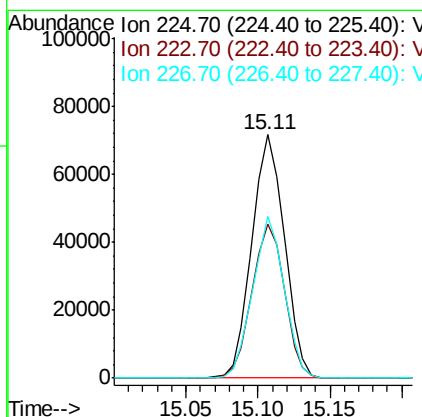
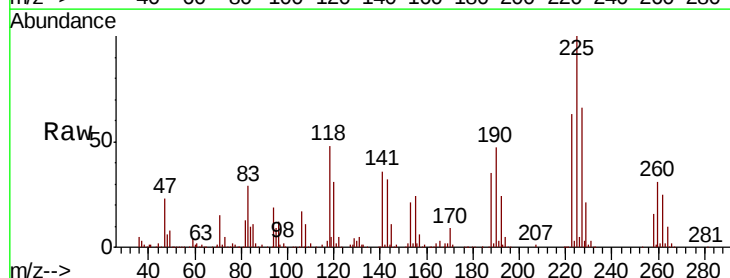
Manual Integrations
 APPROVED

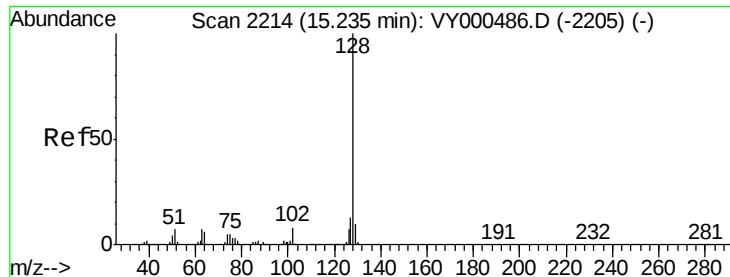
MMDadoda
 11/23/2019 6:11:12 AM



#94
 Hexachlorobutadiene
 Concen: 44.718 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. 0.00 min
 Lab File: VY000779.D
 Acq: 21 Nov 2019 19:23

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	112383		
223	63.2	31.3	93.8	
227	64.0	32.4	97.0	





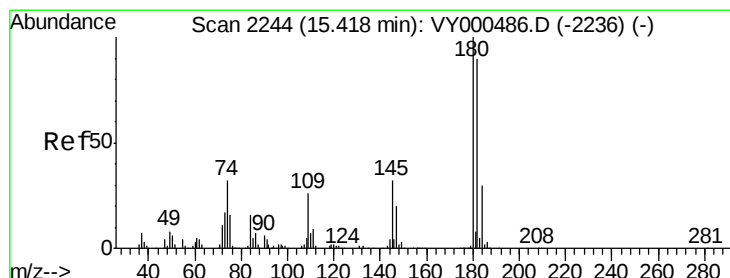
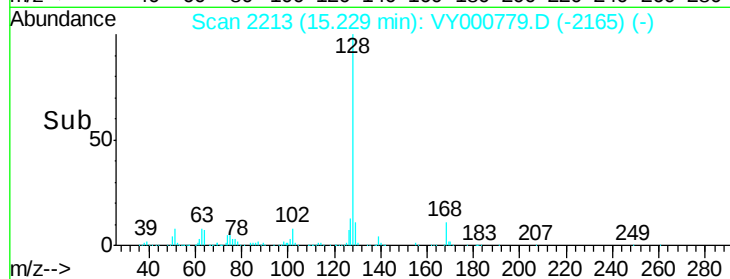
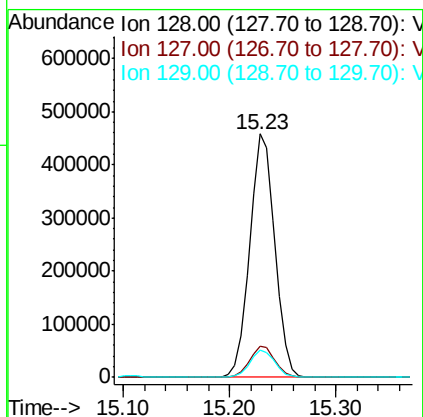
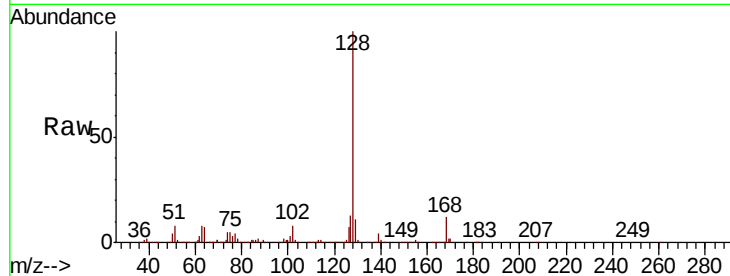
#95
Naphthalene
Concen: 69.960 ug/l
RT: 15.23 min Scan# 2213
Delta R.T. -0.01 min
Lab File: VY000779.D
Acq: 21 Nov 2019 19:23

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp Lower	Resp Upper
128	100		
127	12.8	9.8	14.6
129	11.1	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
11/23/2019 6:11:12 AM



#96
1,2,3-Trichlorobenzene
Concen: 49.333 ug/l
RT: 15.42 min Scan# 2244
Delta R.T. 0.00 min
Lab File: VY000779.D
Acq: 21 Nov 2019 19:23

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	94.9	47.4	142.3
145	32.7	15.7	47.0

